

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU028996.D
 Acq On : 03 Jan 2019 14:42
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 04 00:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 00:41:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	129294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	211108	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	211745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	114778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	232733	145.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.22%	
35) Dibromofluoromethane	4.88	113	202140	147.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.42%	
50) Toluene-d8	7.56	98	817824	151.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.76%	
62) 4-Bromofluorobenzene	10.31	95	319134	164.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	186692	145.600	ug/l	100
3) Chloromethane	1.32	50	303534	132.280	ug/l	100
4) Vinyl Chloride	1.40	62	277295	146.751	ug/l	98
5) Bromomethane	1.60	94	137682	121.703	ug/l	99
6) Chloroethane	1.67	64	166536	147.966	ug/l	99
7) Trichlorofluoromethane	1.87	101	298121	144.790	ug/l	100
8) Diethyl Ether	2.10	74	145827	147.420	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.27	101	198816	144.314	ug/l	98
10) Methyl Iodide	2.40	142	207327	160.051	ug/l	99
11) Tert butyl alcohol	2.85	59	297175	731.470	ug/l	99
12) 1,1-Dichloroethene	2.27	96	203926	152.075	ug/l	98
13) Acrolein	2.19	56	218303	715.592	ug/l	99
14) Allyl chloride	2.58	41	350981	142.651	ug/l	99
15) Acrylonitrile	2.94	53	738993	741.423	ug/l	99
16) Acetone	2.32	43	619461	615.226	ug/l	100
17) Carbon Disulfide	2.47	76	662148	132.692	ug/l	100
18) Methyl Acetate	2.61	43	336144	143.579	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	690858	146.540	ug/l	98
20) Methylene Chloride	2.69	84	243999	142.729	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	222047	142.524	ug/l	98
22) Diisopropyl ether	3.57	45	716266	147.297	ug/l	97
23) Vinyl Acetate	3.52	43	3041585	765.116	ug/l	99
24) 1,1-Dichloroethane	3.44	63	414537	147.673	ug/l	100
25) 2-Butanone	4.26	43	993151	730.288	ug/l	99
26) 2,2-Dichloropropane	4.22	77	325867	143.666	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	258101	151.470	ug/l	98
28) Bromochloromethane	4.55	49	167394	139.262	ug/l	99
29) Tetrahydrofuran	4.64	42	612466	742.539	ug/l	99
30) Chloroform	4.67	83	392365	146.748	ug/l	98
31) Cyclohexane	4.99	56	389721	125.451	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	322282	145.878	ug/l	99
36) 1,1-Dichloropropene	5.13	75	311576	147.658	ug/l	100
37) Ethyl Acetate	4.38	43	350836	145.465	ug/l	100
38) Carbon Tetrachloride	5.13	117	270773	153.853	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	392181	151.181	ug/l	99
40) Benzene	5.39	78	967322	146.964	ug/l	99
41) Methacrylonitrile	4.54	41	191478	154.440	ug/l	99
42) 1,2-Dichloroethane	5.40	62	299081	151.216	ug/l	100
43) Isopropyl Acetate	5.55	43	561175	157.943	ug/l	99
44) Trichloroethene	6.18	130	243942	149.580	ug/l	96
45) 1,2-Dichloropropane	6.43	63	260699	149.984	ug/l	100
46) Dibromomethane	6.56	93	167548	150.788	ug/l	100
47) Bromodichloromethane	6.76	83	314931	153.939	ug/l	99
48) Methyl methacrylate	6.62	41	284335	164.349	ug/l	98
49) 1,4-Dioxane	6.61	88	131794	3214.501	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1943943	803.931	ug/l	99
52) Toluene	7.64	92	613692	153.156	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	390226	158.785	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	411514	154.964	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	248837	155.015	ug/l	98
56) Ethyl methacrylate	8.02	69	420465	170.018	ug/l	100
57) 1,3-Dichloropropane	8.24	76	429761	156.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	910009	836.708	ug/l	100
59) 2-Hexanone	8.36	43	1547535	815.316	ug/l	99
60) Dibromochloromethane	8.48	129	261529	164.448	ug/l	99
61) 1,2-Dibromoethane	8.58	107	273898	157.324	ug/l	99
64) Tetrachloroethene	8.22	164	218403	143.186	ug/l	96
65) Chlorobenzene	9.12	112	693831	146.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	234786	152.429	ug/l	99
67) Ethyl Benzene	9.25	91	1204278	151.973	ug/l	100
68) m/p-Xylenes	9.37	106	935293	303.768	ug/l	99
69) o-Xylene	9.78	106	460305	155.157	ug/l	100
70) Styrene	9.79	104	791054	162.654	ug/l	99
71) Bromoform	9.96	173	228490	166.600	ug/l #	98
73) Isopropylbenzene	10.16	105	1204344	141.761	ug/l	99
74) N-amyl acetate	10.01	43	552310	150.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	477594	140.267	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	557843	191.499	ug/l	83
77) Bromobenzene	10.45	156	318387	143.810	ug/l	99
78) n-propylbenzene	10.59	91	1472999	147.125	ug/l	100
79) 2-Chlorotoluene	10.66	91	850748	140.079	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	1037648	146.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	557843	401.760	ug/l #	100
82) 4-Chlorotoluene	10.77	91	1019030	146.327	ug/l	99
83) tert-Butylbenzene	11.10	119	1035989	148.157	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	1066367	150.551	ug/l	100
85) sec-Butylbenzene	11.32	105	1271224	150.321	ug/l	99
86) p-Isopropyltoluene	11.48	119	1096900	152.217	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	588835	145.002	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	590645	140.907	ug/l	99
89) n-Butylbenzene	11.89	91	1053196	163.750	ug/l	99
90) Hexachloroethane	12.14	117	179807	148.321	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	588532	143.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	99283	151.604	ug/l	97

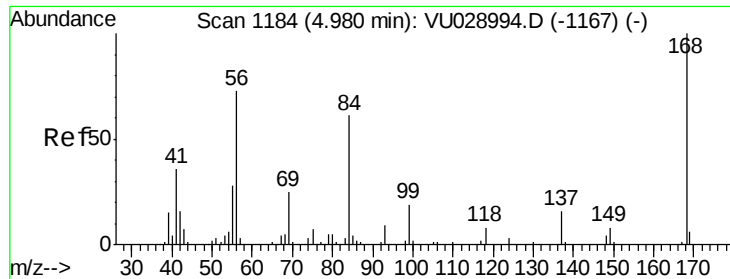
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
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Quant Title : SW846 8260
QLast Update : Fri Jan 04 00:41:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	413036	158.191	ug/l	100
94) Hexachlorobutadiene	13.69	225	173166	144.999	ug/l	99
95) Naphthalene	13.74	128	1360800	153.208	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	410066	147.711	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

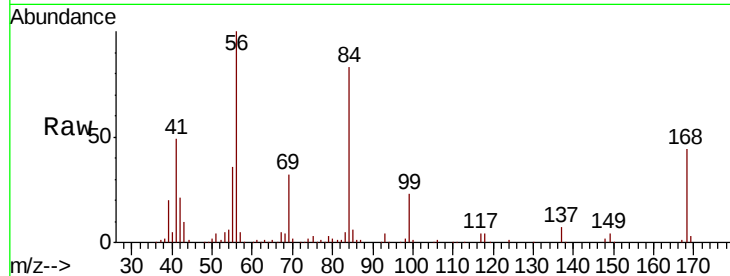
VSTDIC150

Tgt Ion:168 Resp: 129294

Ion Ratio Lower Upper

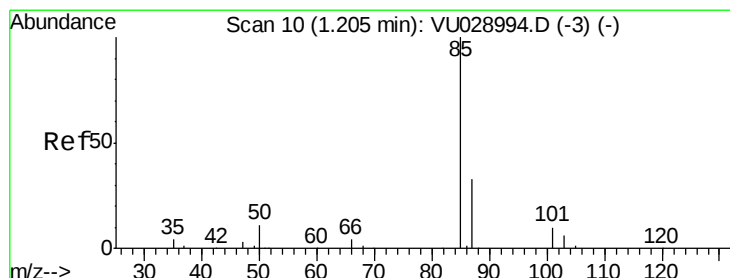
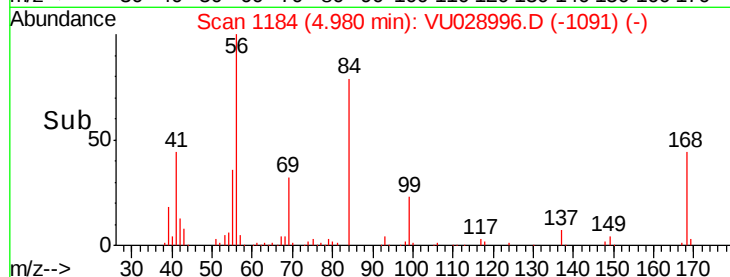
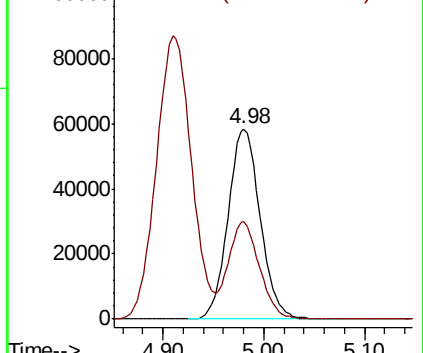
168 100

99 51.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#2

Dichlorodifluoromethane

Concen: 145.600 ug/l

RT: 1.20 min Scan# 9

Delta R.T. -0.00 min

Lab File: VU028996.D

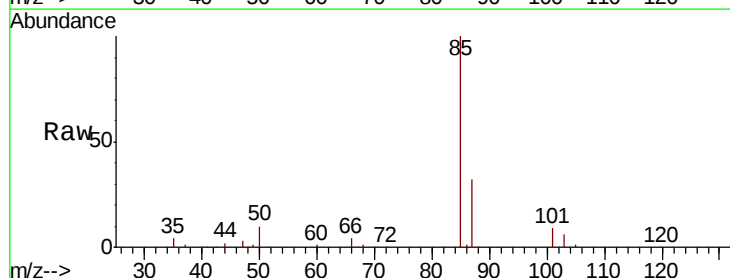
Acq: 03 Jan 2019 14:42

Tgt Ion: 85 Resp: 186692

Ion Ratio Lower Upper

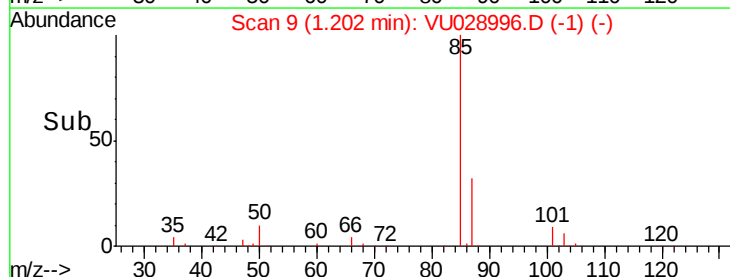
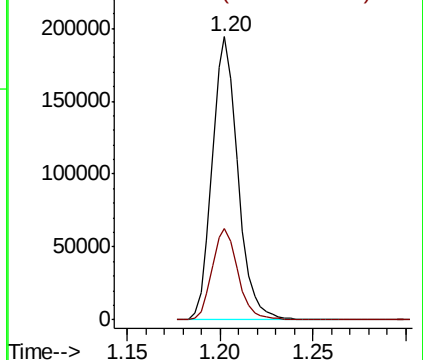
85 100

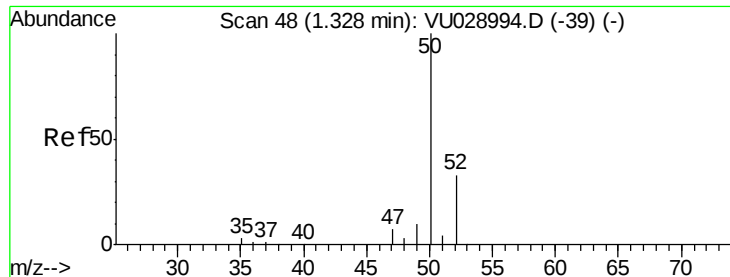
87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028994.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028994.D (-3) (-)





#3

Chloromethane

Concen: 132.280 ug/l

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

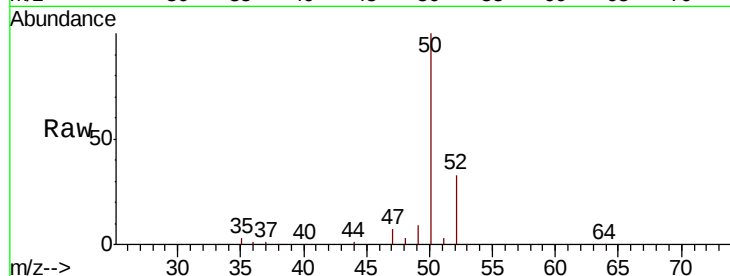
VSTDIC150

Tgt Ion: 50 Resp: 303534

Ion Ratio Lower Upper

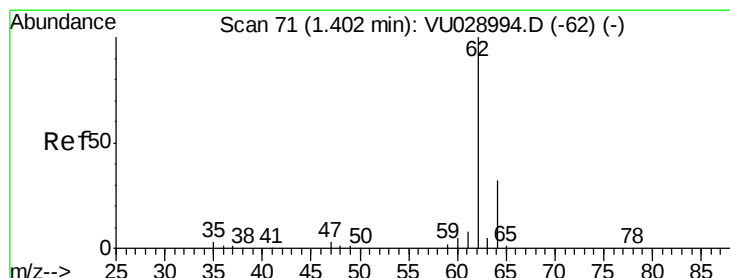
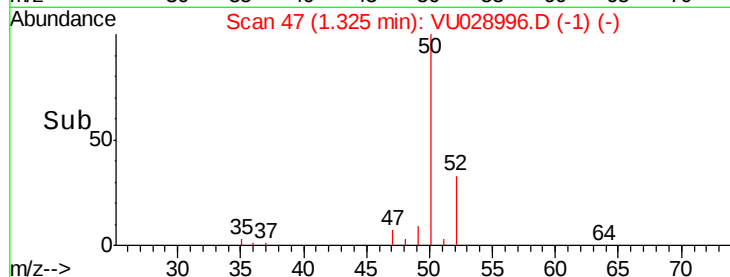
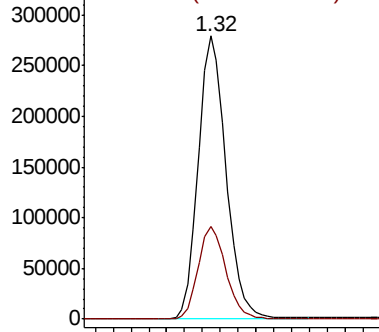
50 100

52 32.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 146.751 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028996.D

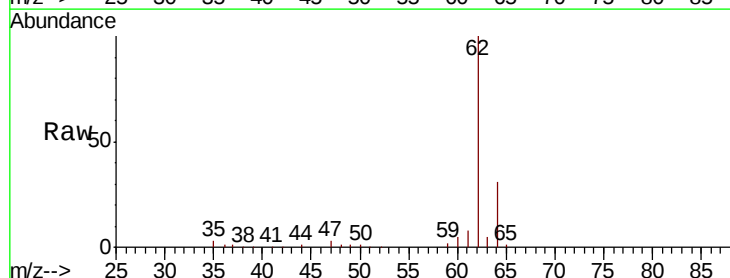
Acq: 03 Jan 2019 14:42

Tgt Ion: 62 Resp: 277295

Ion Ratio Lower Upper

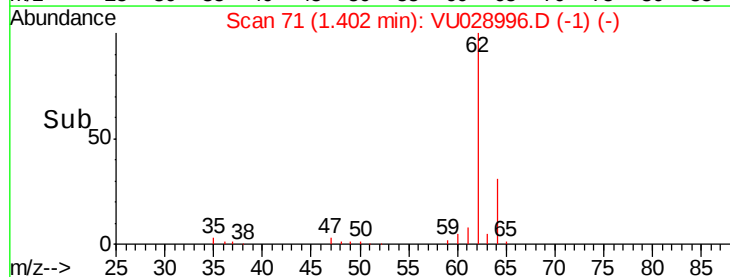
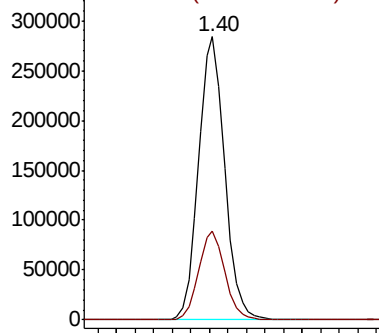
62 100

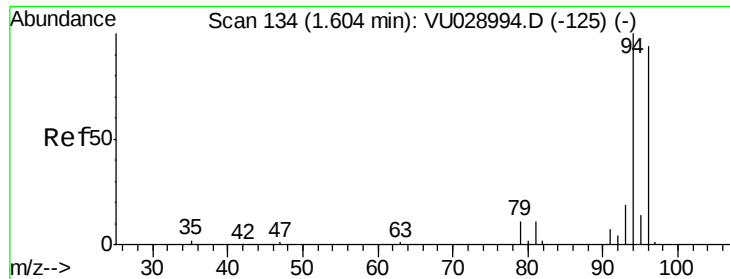
64 31.2 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 121.703 ug/l

RT: 1.60 min Scan# 133

Delta R.T. -0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

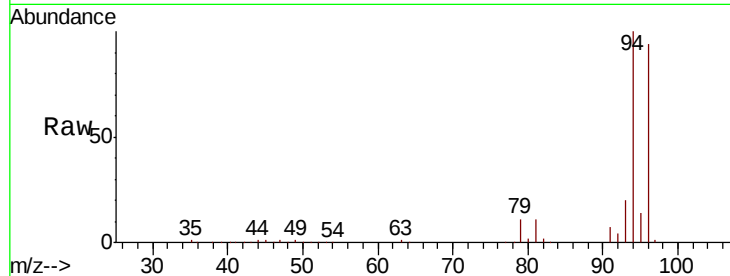
VSTDIC150

Tgt Ion: 94 Resp: 137682

Ion Ratio Lower Upper

94 100

96 93.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.60

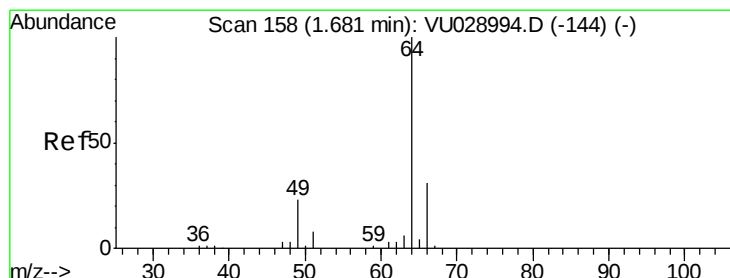
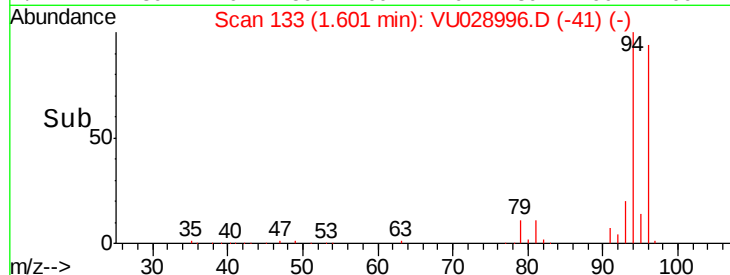
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 147.966 ug/l

RT: 1.67 min Scan# 153

Delta R.T. -0.02 min

Lab File: VU028996.D

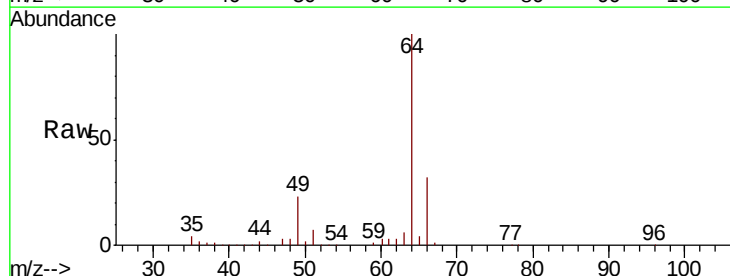
Acq: 03 Jan 2019 14:42

Tgt Ion: 64 Resp: 166536

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.67

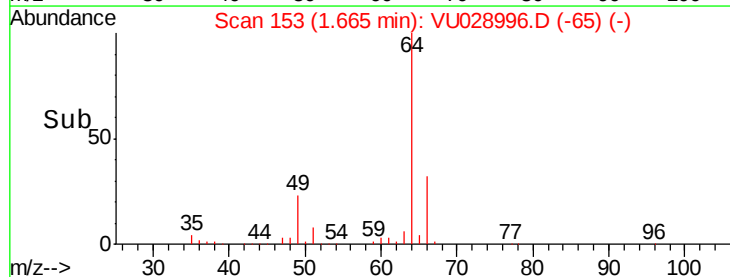
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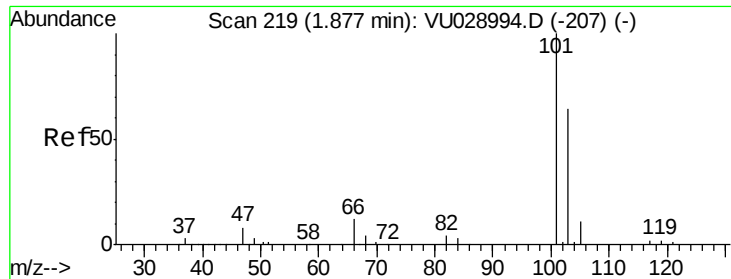
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50000

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Time-->



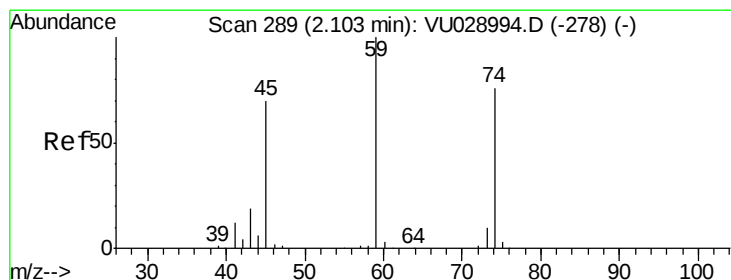
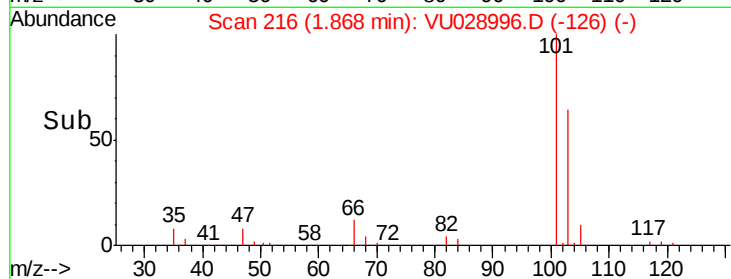
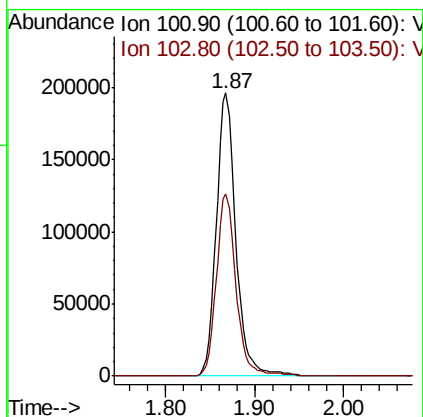
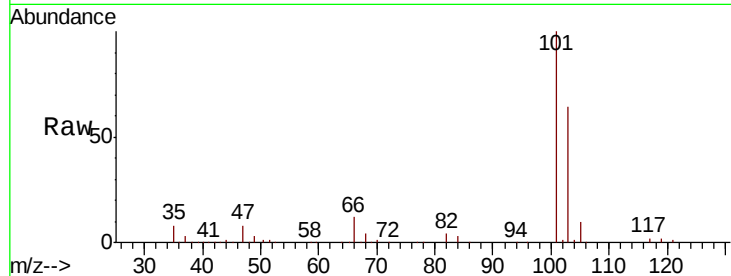


#7

Trichlorofluoromethane
 Concen: 144.790 ug/l
 RT: 1.87 min Scan# 216
 Delta R.T. -0.01 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Instrument :
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 ClientSampleId :
 VSTDIC150

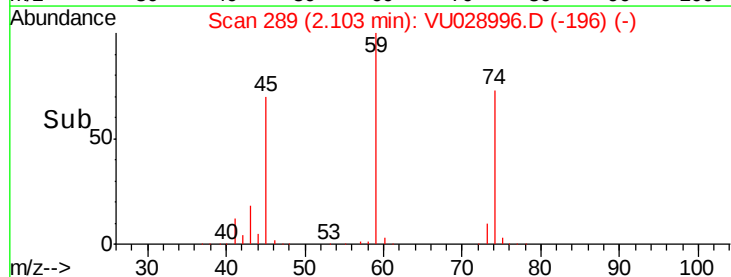
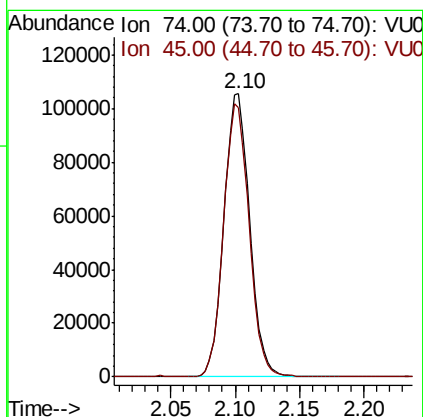
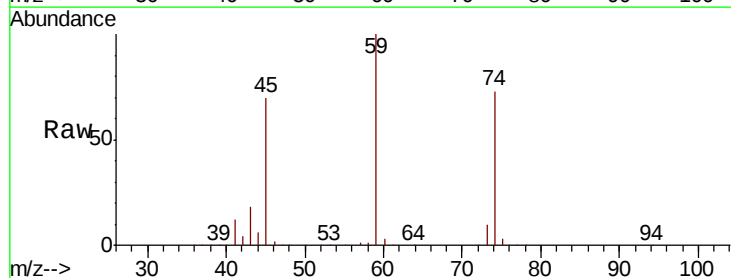
Tgt Ion: 101 Resp: 298121
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

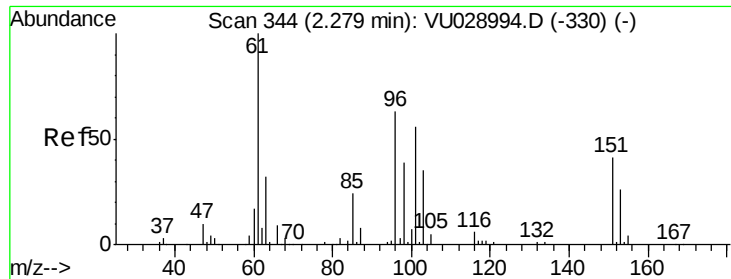


#8

Diethyl Ether
 Concen: 147.420 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion: 74 Resp: 145827
 Ion Ratio Lower Upper
 74 100
 45 96.0 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.314 ug/l

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

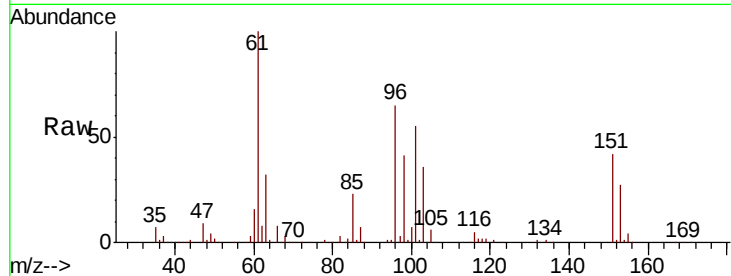
Tgt Ion:101 Resp: 198816

Ion Ratio Lower Upper

101 100

85 42.1 35.1 52.7

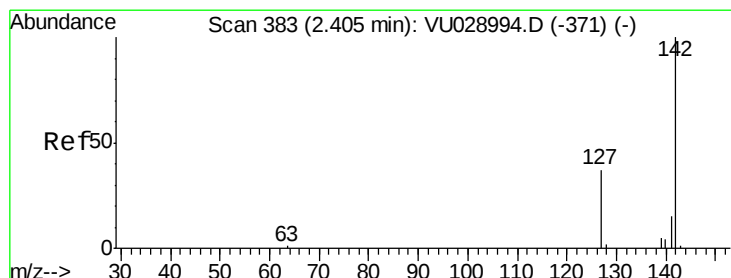
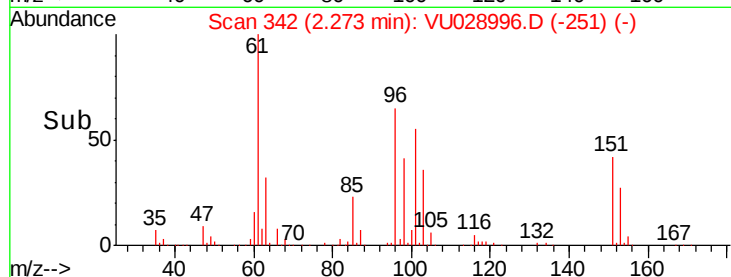
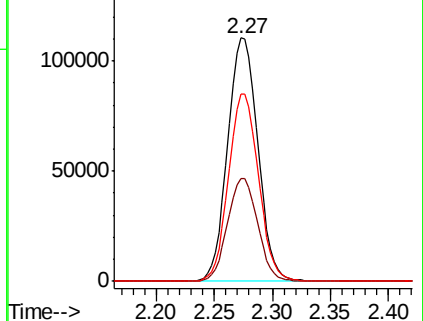
151 76.5 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 160.051 ug/l

RT: 2.40 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

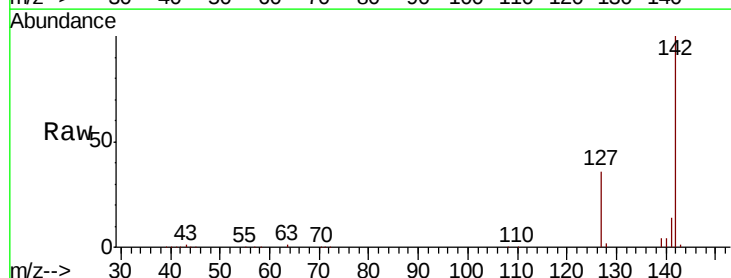
Tgt Ion:142 Resp: 207327

Ion Ratio Lower Upper

142 100

127 36.7 29.8 44.6

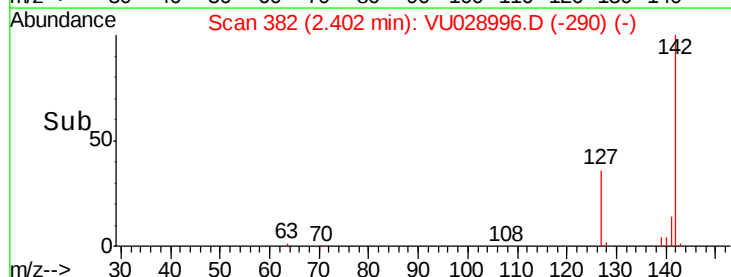
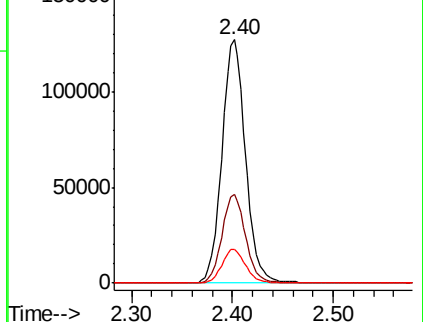
141 14.0 11.5 17.3

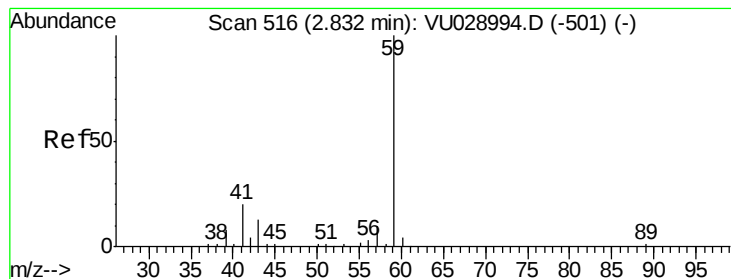


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



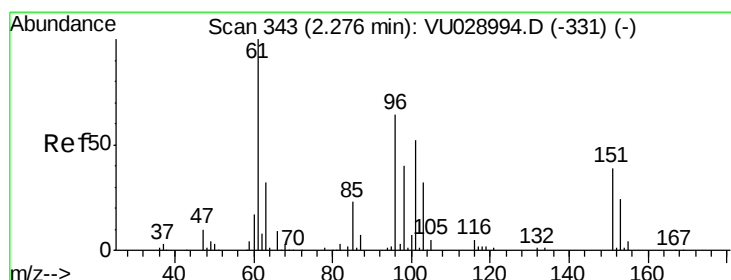
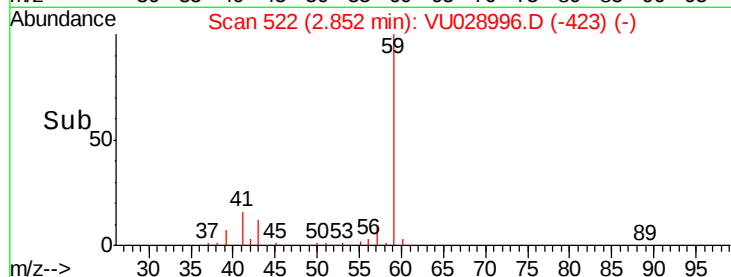
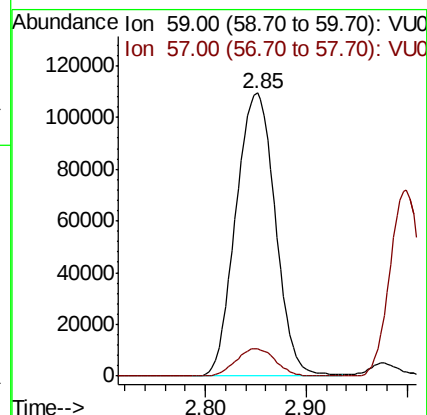
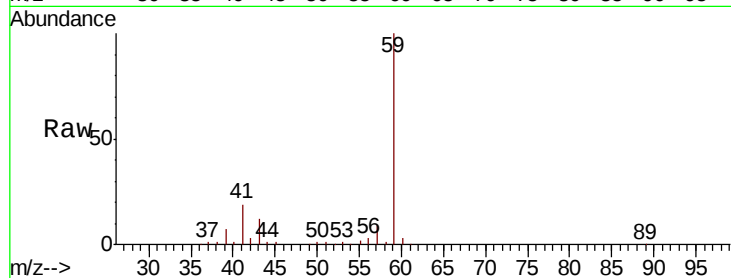


#11

Tert butyl alcohol
 Concen: 731.470 ug/l
 RT: 2.85 min Scan# 522
 Delta R.T. 0.02 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

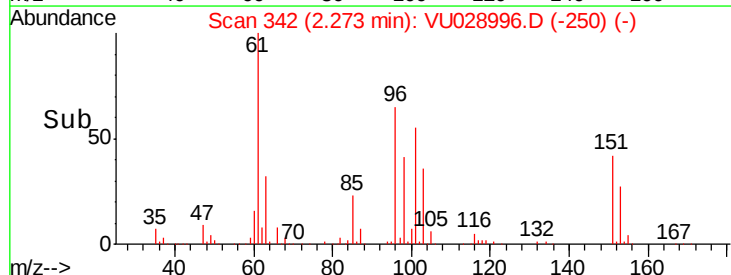
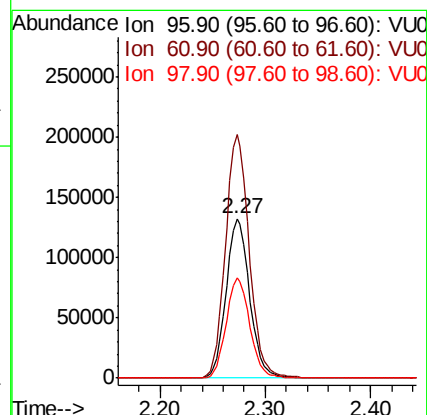
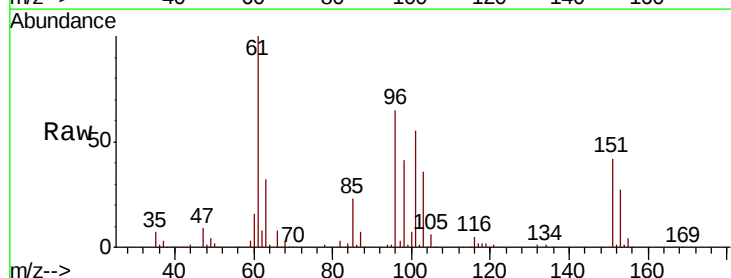
Tgt Ion: 59 Resp: 297175
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.9 11.9

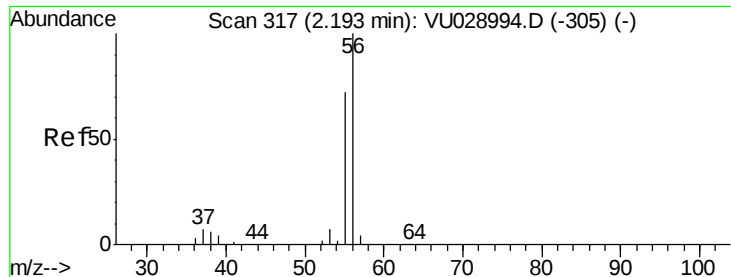


#12

1,1-Dichloroethene
 Concen: 152.075 ug/l
 RT: 2.27 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion: 96 Resp: 203926
 Ion Ratio Lower Upper
 96 100
 61 152.9 125.4 188.0
 98 62.8 49.7 74.5





#13

Acrolein

Concen: 715.592 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

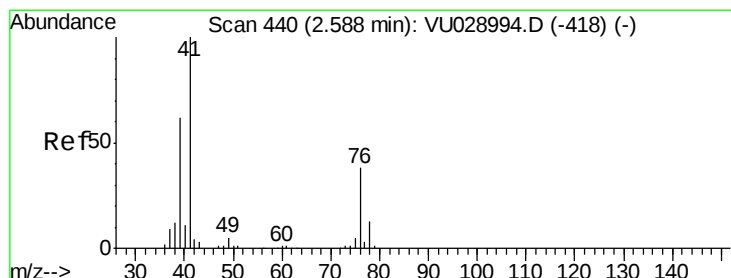
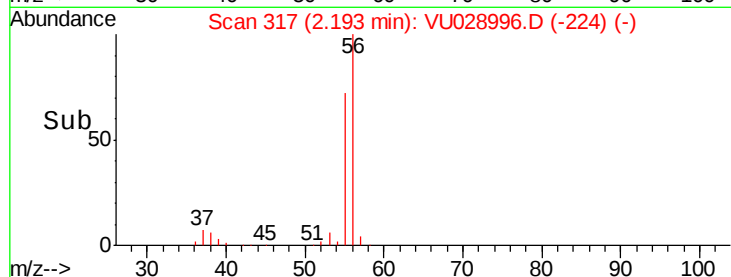
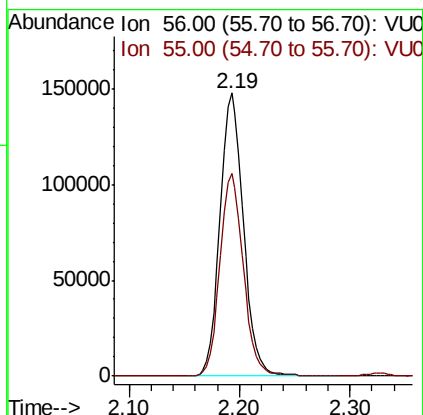
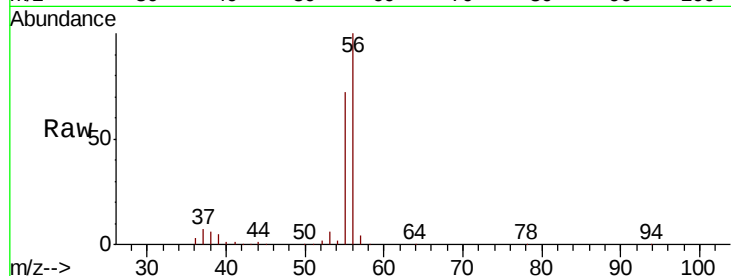
VSTDIC150

Tgt Ion: 56 Resp: 218303

Ion Ratio Lower Upper

56 100

55 71.5 56.5 84.7



#14

Allyl chloride

Concen: 142.651 ug/l

RT: 2.58 min Scan# 439

Delta R.T. -0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

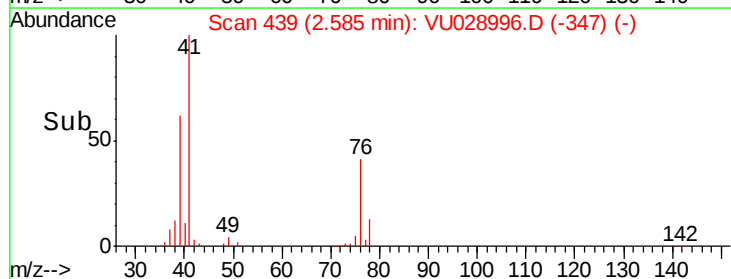
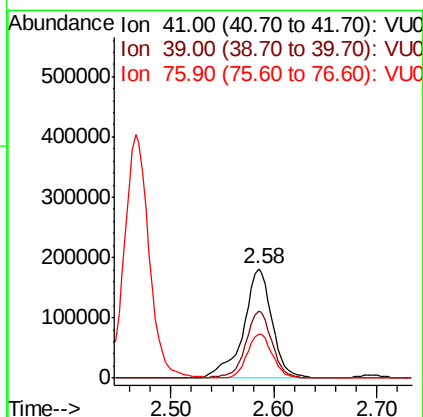
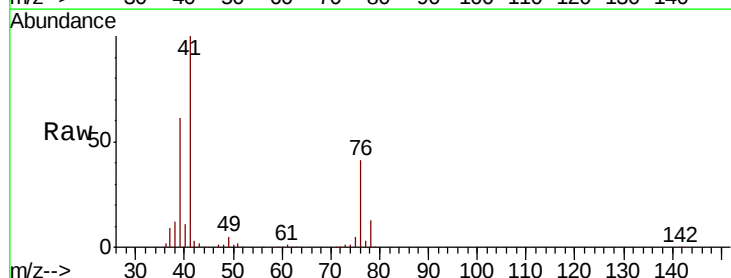
Tgt Ion: 41 Resp: 350981

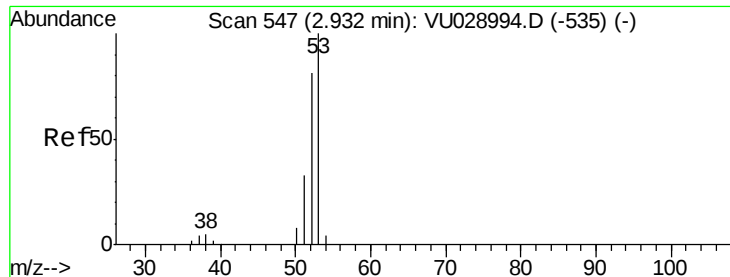
Ion Ratio Lower Upper

41 100

39 56.0 45.0 67.6

76 35.5 28.1 42.1





#15

Acrylonitrile

Concen: 741.423 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

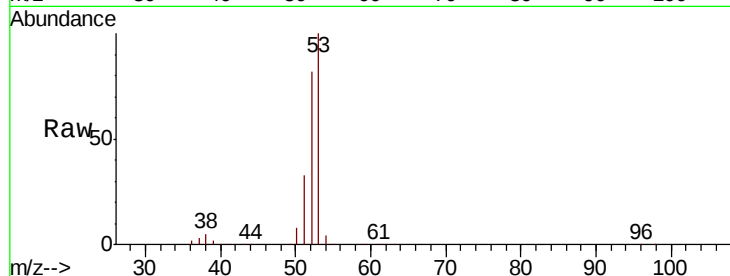
Tgt Ion: 53 Resp: 738993

Ion Ratio Lower Upper

53 100

52 81.8 64.8 97.2

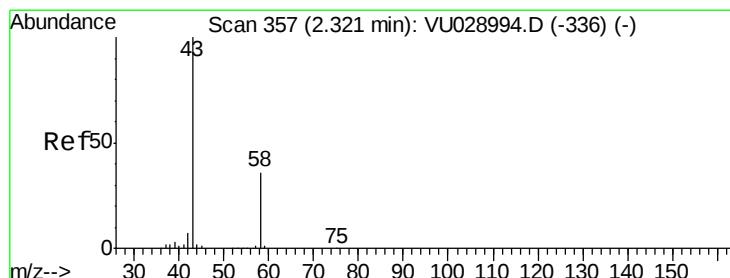
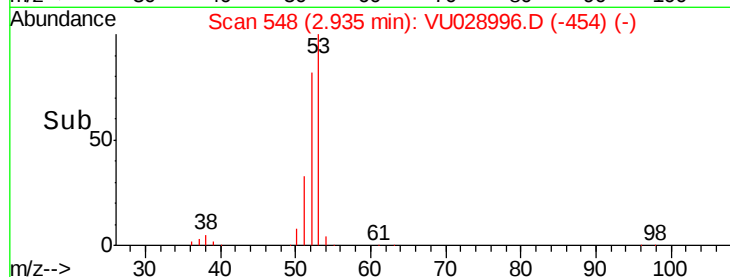
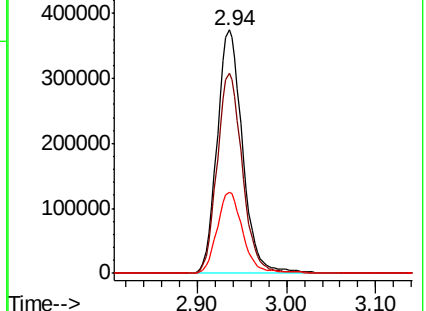
51 34.1 27.3 40.9



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 615.226 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028996.D

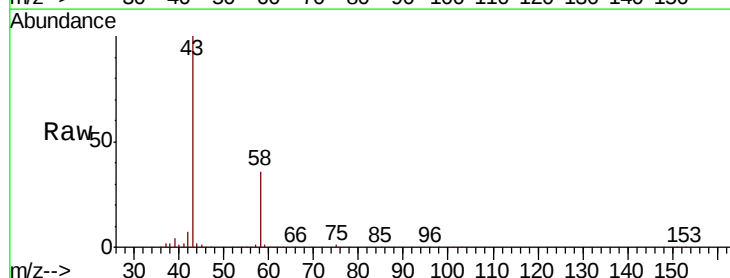
Acq: 03 Jan 2019 14:42

Tgt Ion: 43 Resp: 619461

Ion Ratio Lower Upper

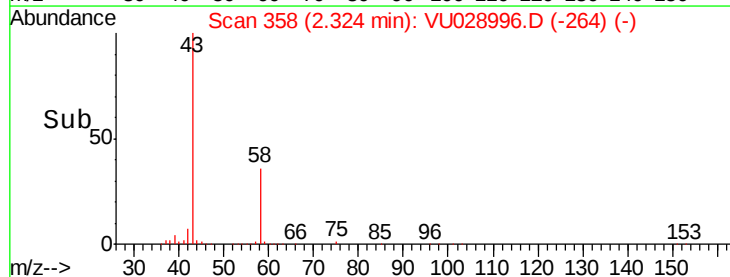
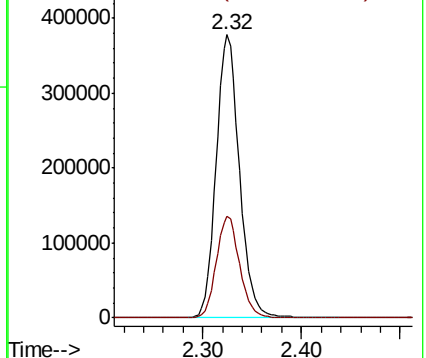
43 100

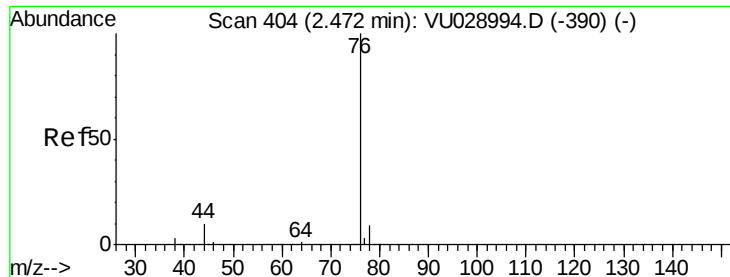
58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

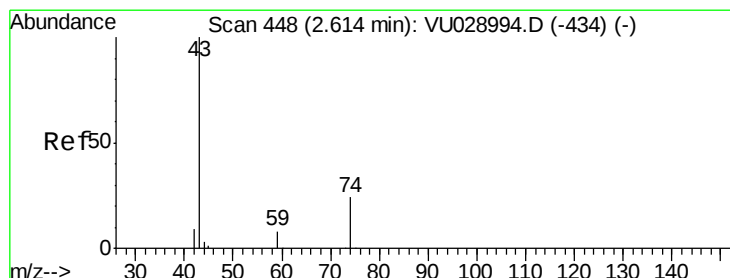
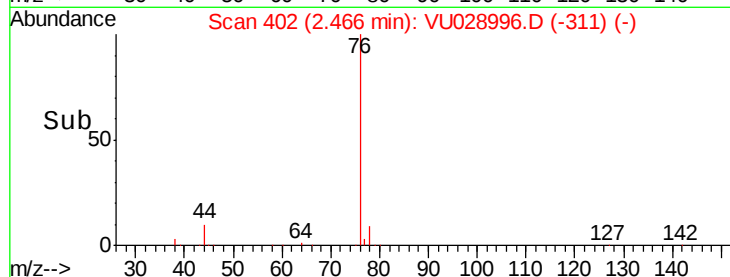
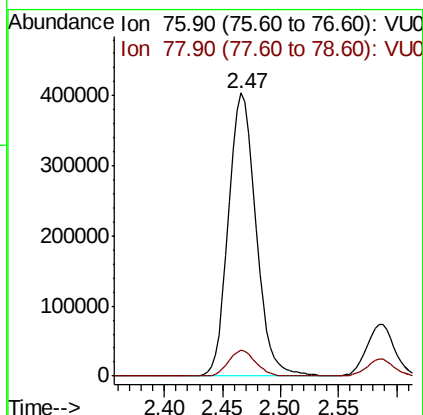
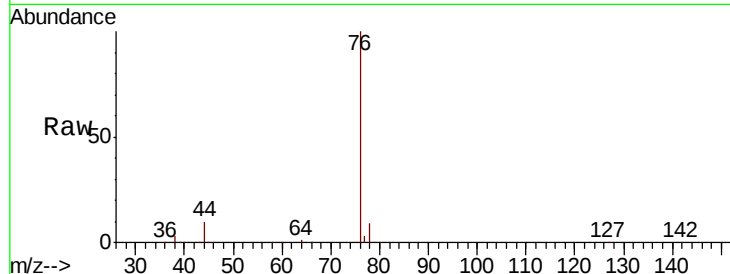




#17
Carbon Disulfide
Concen: 132.692 ug/l
RT: 2.47 min Scan# 402
Delta R.T. -0.01 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

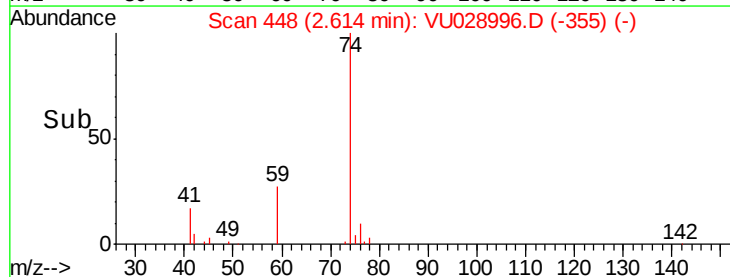
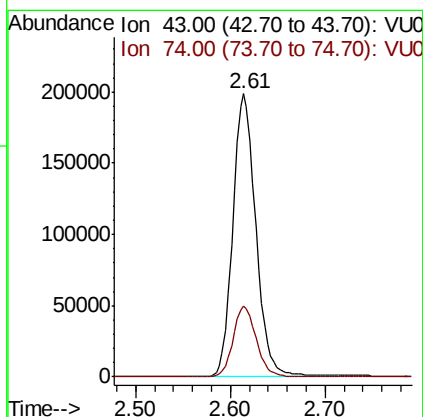
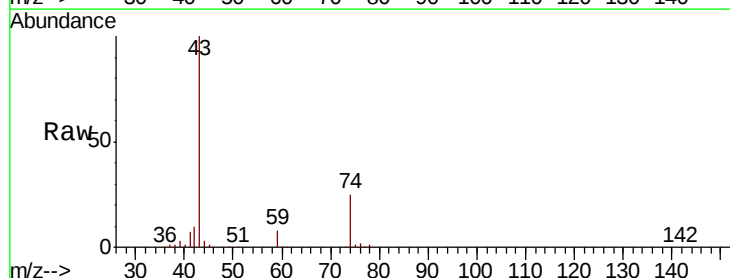
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

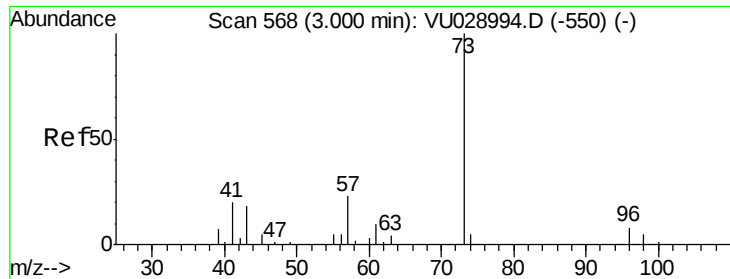
Tgt Ion: 76 Resp: 662148
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 143.579 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion: 43 Resp: 336144
Ion Ratio Lower Upper
43 100
74 25.4 19.5 29.3



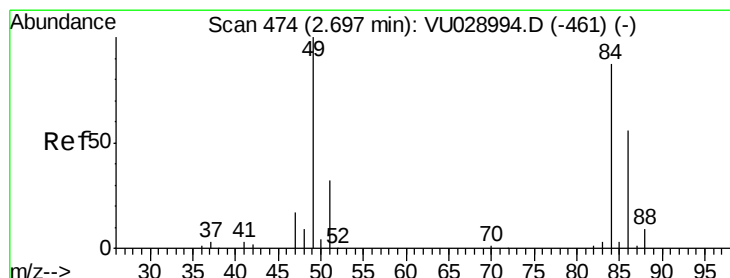
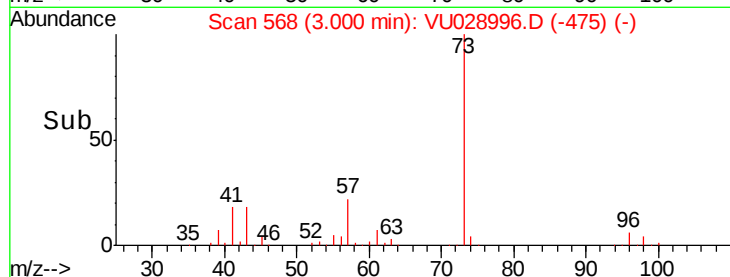
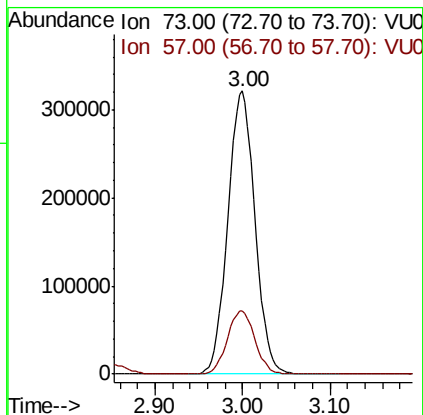
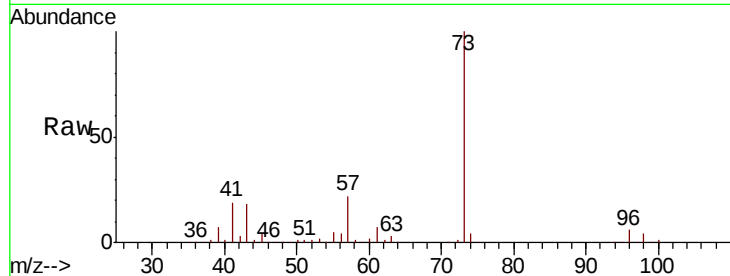


#19

Methyl tert-butyl Ether
 Concen: 146.540 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

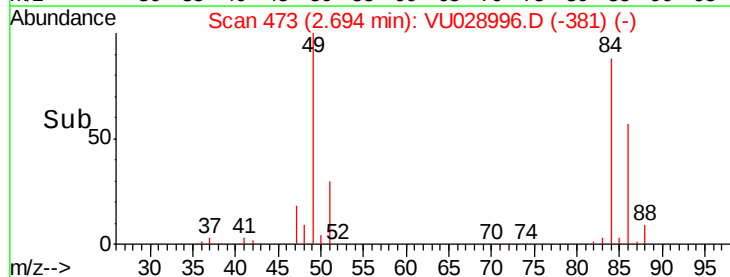
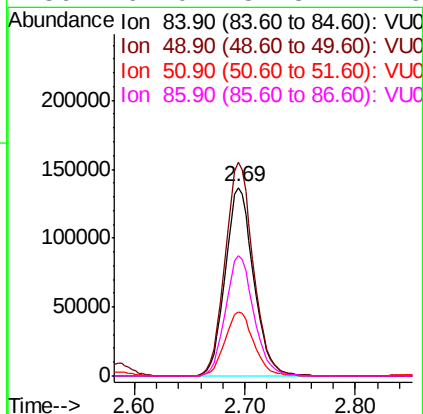
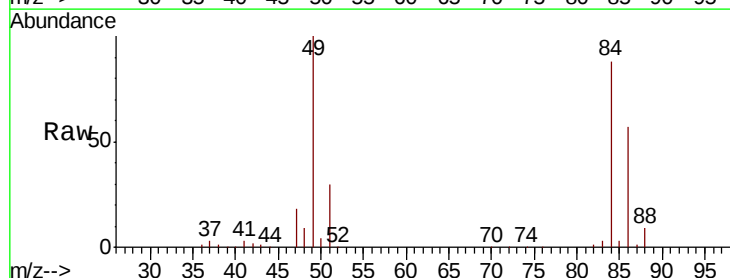
Tgt Ion: 73 Resp: 690858
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.6 28.0

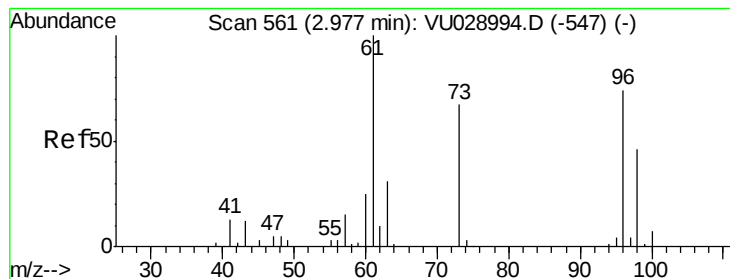


#20

Methylene Chloride
 Concen: 142.729 ug/l
 RT: 2.69 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion: 84 Resp: 243999
 Ion Ratio Lower Upper
 84 100
 49 113.1 91.9 137.9
 51 34.1 29.2 43.8
 86 64.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 142.524 ug/l

RT: 2.97 min Scan# 560

Delta R.T. -0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

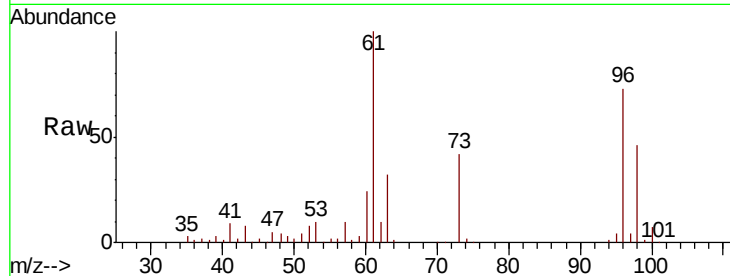
Tgt Ion: 96 Resp: 222047

Ion Ratio Lower Upper

96 100

61 137.3 107.7 161.5

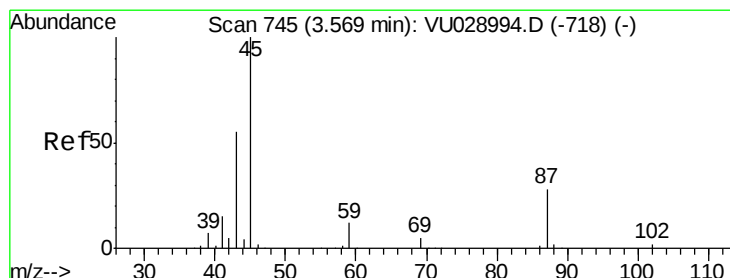
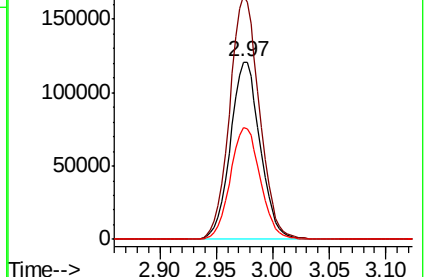
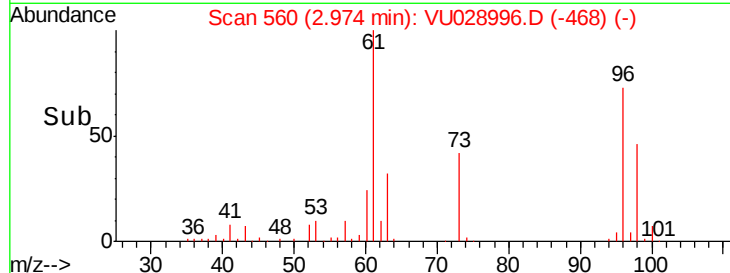
98 62.7 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VU028996.D (-468) (-)

Ion 60.90 (60.60 to 61.60): VU028996.D (-468) (-)

Ion 97.90 (97.60 to 98.60): VU028996.D (-468) (-)



#22

Diisopropyl ether

Concen: 147.297 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Tgt Ion: 45 Resp: 716266

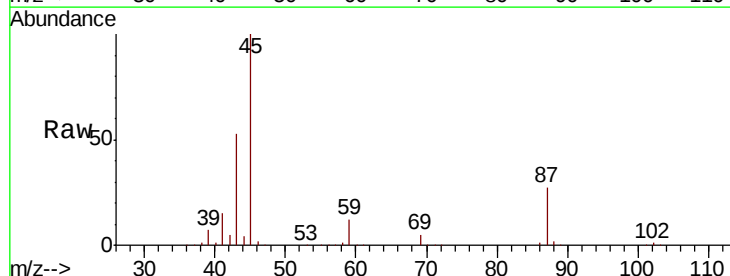
Ion Ratio Lower Upper

45 100

43 52.6 44.7 67.1

87 27.3 22.2 33.2

59 12.1 9.8 14.8

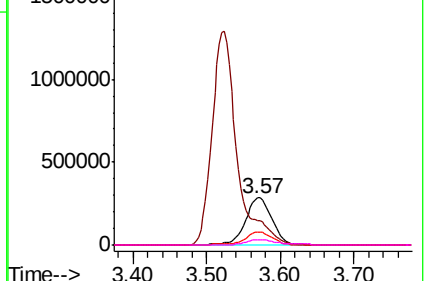
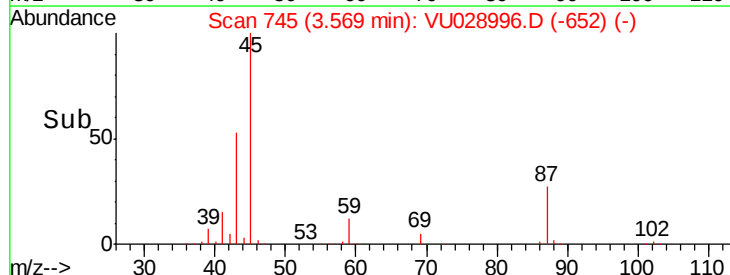


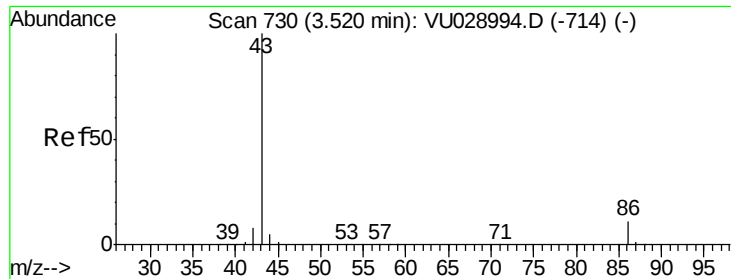
Abundance Ion 45.00 (44.70 to 45.70): VU028996.D (-652) (-)

Ion 43.00 (42.70 to 43.70): VU028996.D (-652) (-)

Ion 87.00 (86.70 to 87.70): VU028996.D (-652) (-)

Ion 59.00 (58.70 to 59.70): VU028996.D (-652) (-)





#23

Vinyl Acetate

Concen: 765.116 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

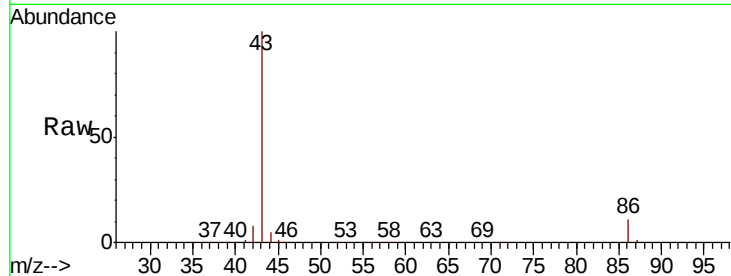
VSTDIC150

Tgt Ion: 43 Resp: 3041585

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU028996.D (-637) (-)

Ion 86.00 (85.70 to 86.70): VU028996.D (-637) (-)

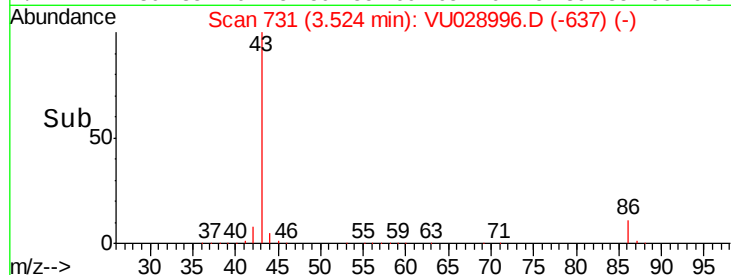
1500000

1000000

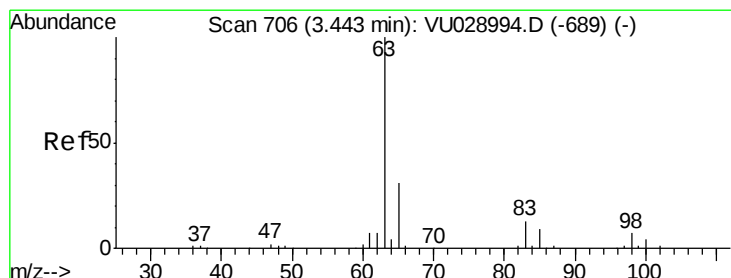
500000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 147.673 ug/l

RT: 3.44 min Scan# 705

Delta R.T. -0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

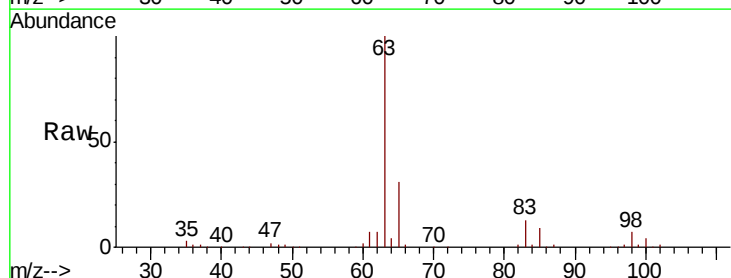
Tgt Ion: 63 Resp: 414537

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU028996.D (-613) (-)

Ion 97.90 (97.60 to 98.60): VU028996.D (-613) (-)

Ion 99.90 (99.60 to 100.60): VU028996.D (-613) (-)

250000

200000

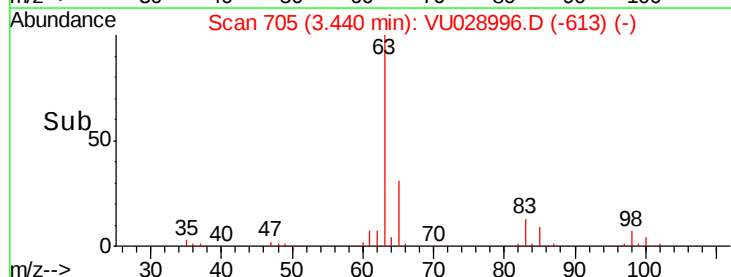
150000

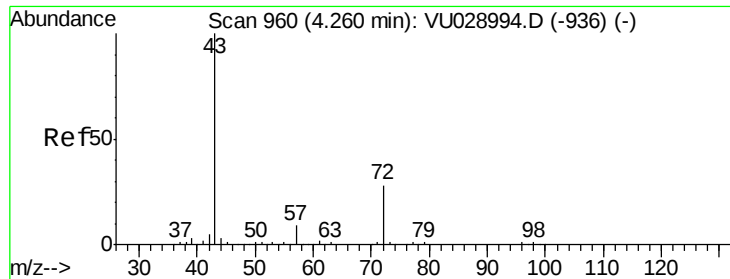
100000

50000

0

Time-->

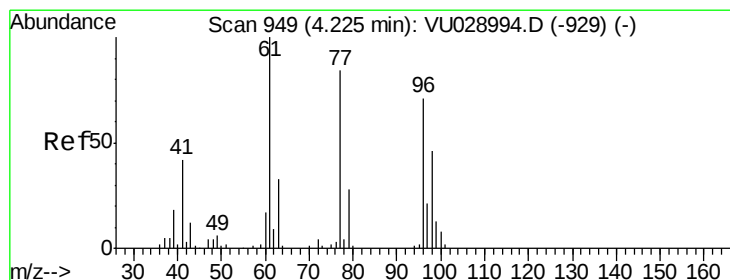
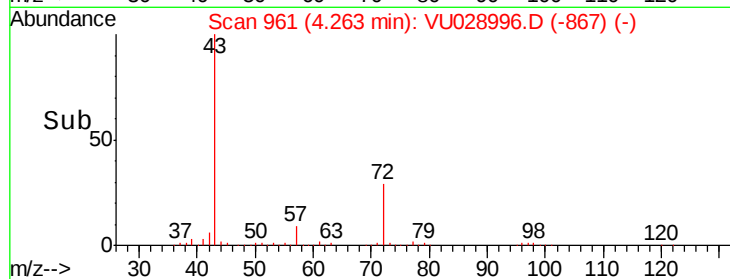
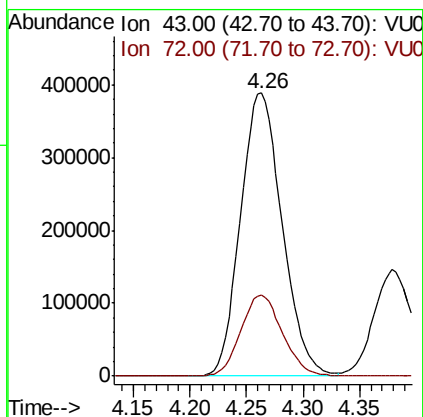
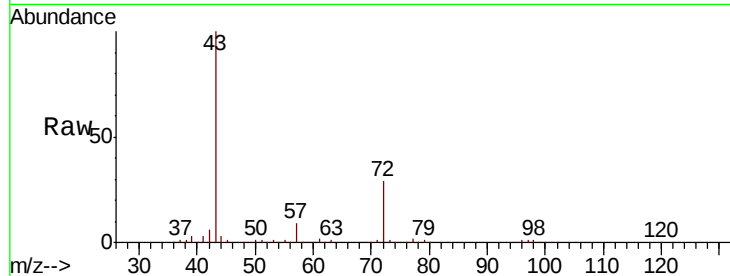




#25
 2-Butanone
 Concen: 730.288 ug/l
 RT: 4.26 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

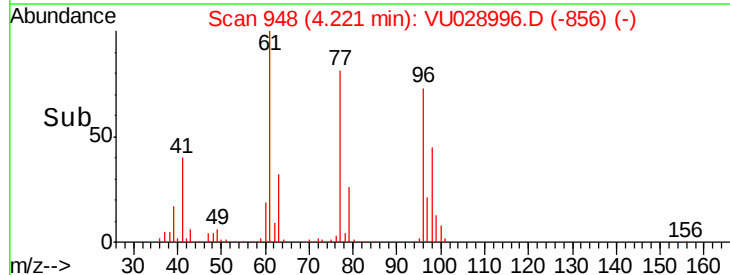
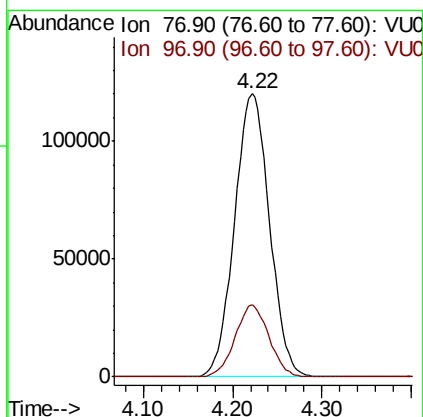
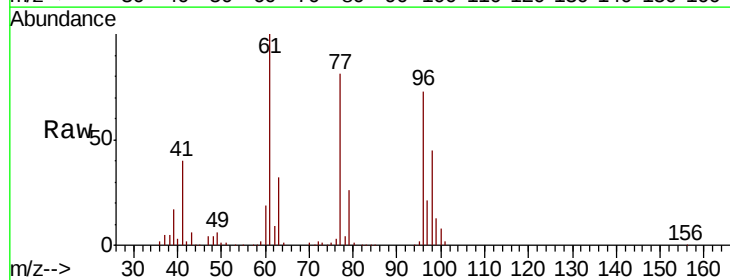
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

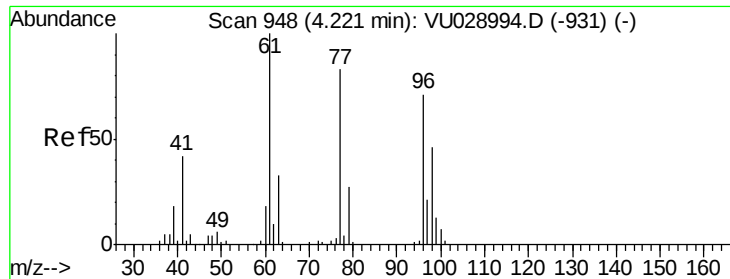
Tgt Ion: 43 Resp: 993151
 Ion Ratio Lower Upper
 43 100
 72 28.5 22.6 33.8



#26
 2,2-Dichloropropane
 Concen: 143.666 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion: 77 Resp: 325867
 Ion Ratio Lower Upper
 77 100
 97 24.6 12.0 36.1



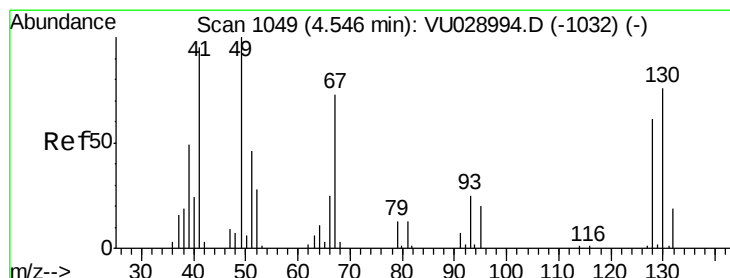
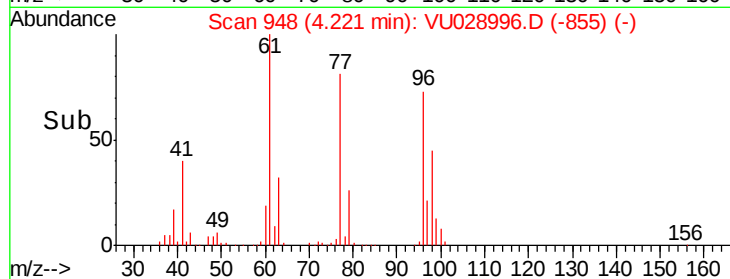
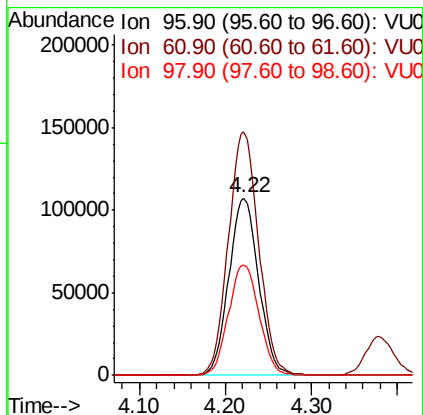
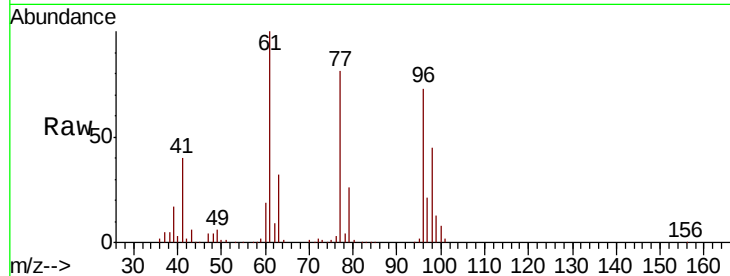


#27

cis-1,2-Dichloroethene
 Concen: 151.470 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

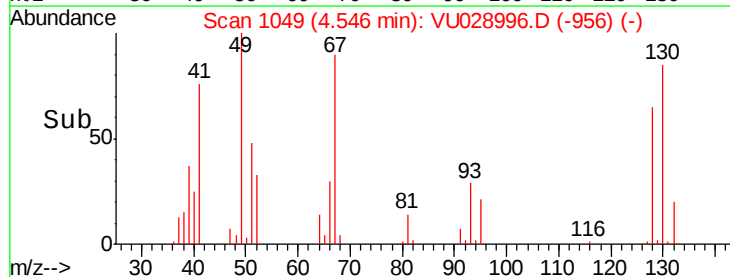
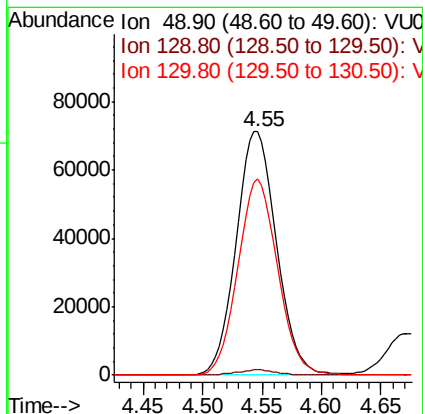
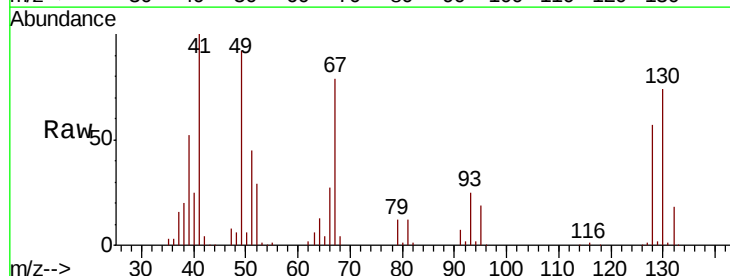
Tgt Ion	Resp	Lower	Upper
96	100		
61	139.7	0.0	285.6
98	63.8	0.0	130.2

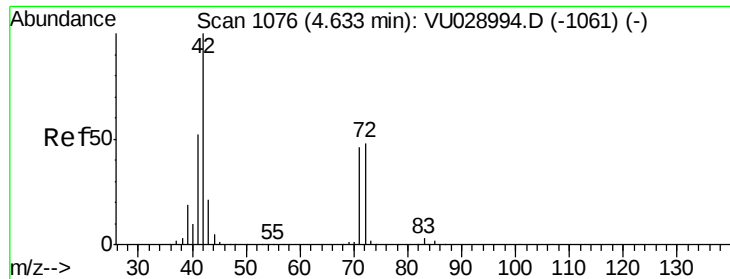


#28

Bromochloromethane
 Concen: 139.262 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion	Resp	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	79.4	62.9	94.3

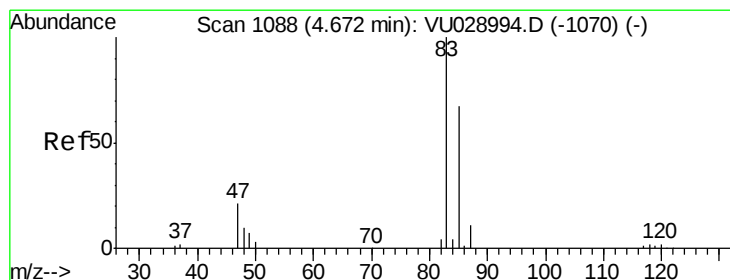
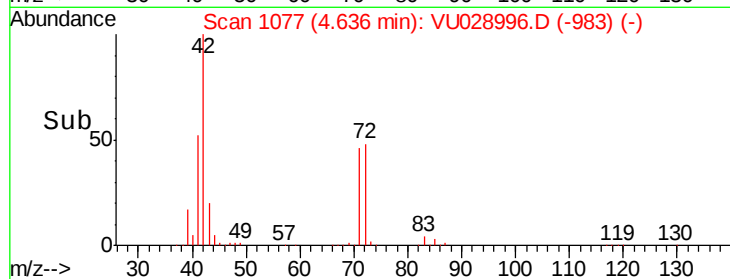
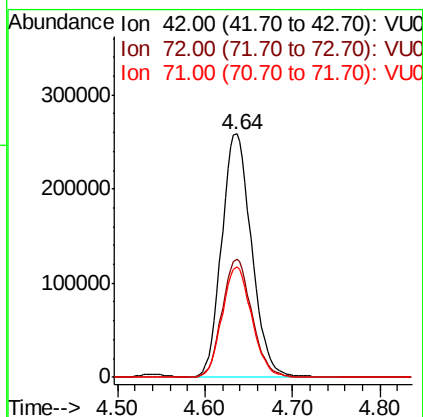
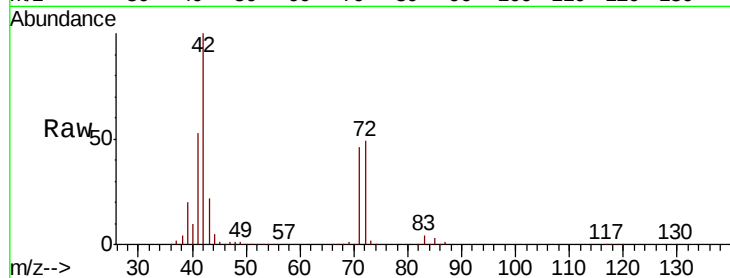




#29
Tetrahydrofuran
Concen: 742.539 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

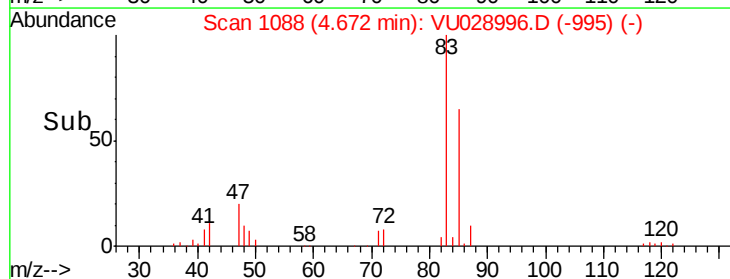
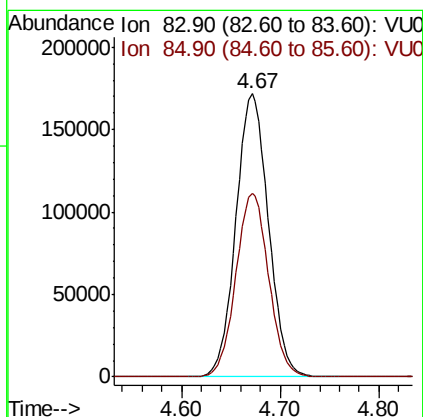
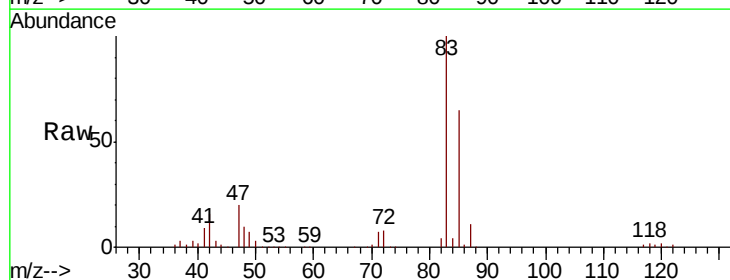
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

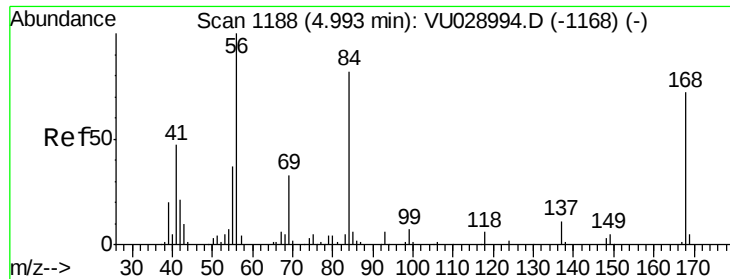
Tgt Ion: 42 Resp: 612466
Ion Ratio Lower Upper
42 100
72 48.6 38.3 57.5
71 45.2 36.1 54.1



#30
Chloroform
Concen: 146.748 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion: 83 Resp: 392365
Ion Ratio Lower Upper
83 100
85 64.9 53.4 80.0

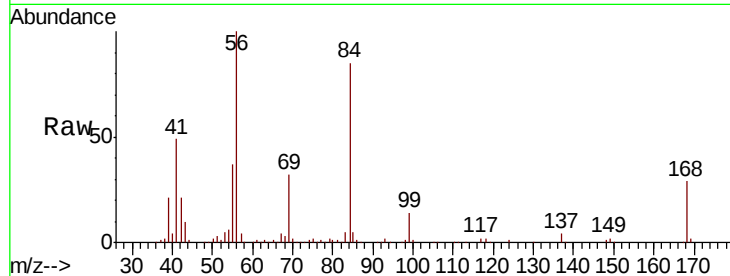




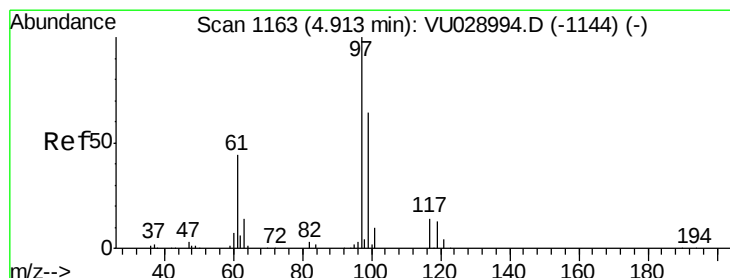
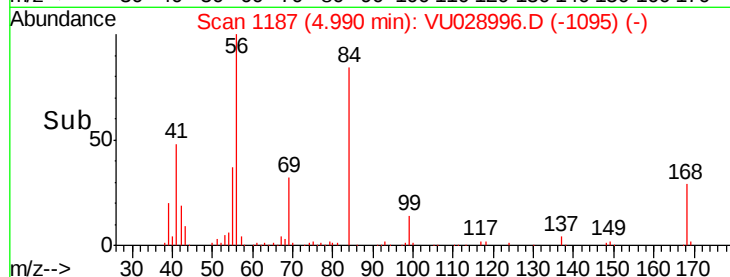
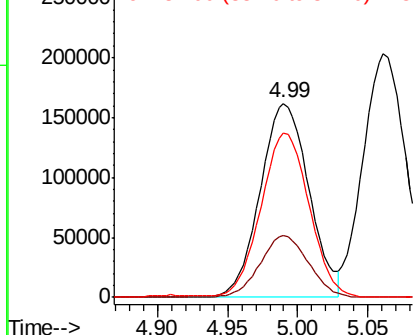
#31
Cyclohexane
Concen: 125.451 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 389721
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 83.9 65.7 98.5

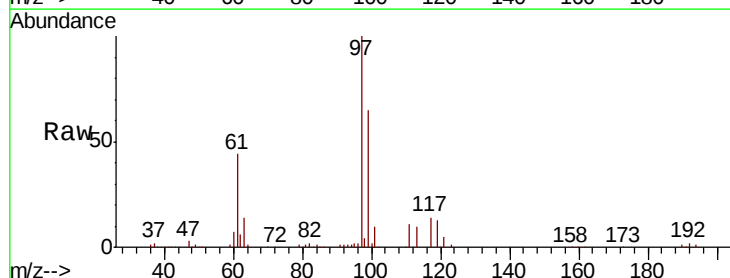


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

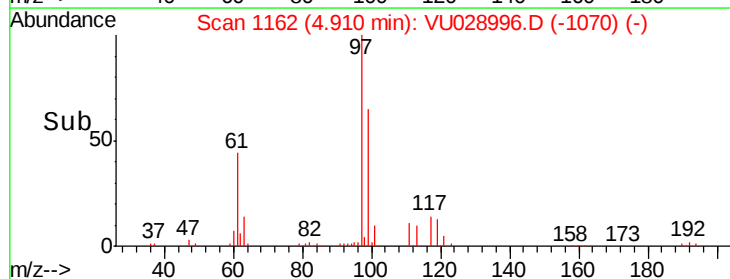
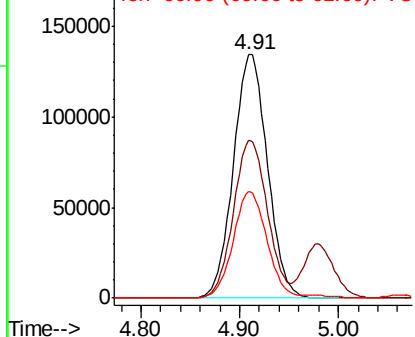


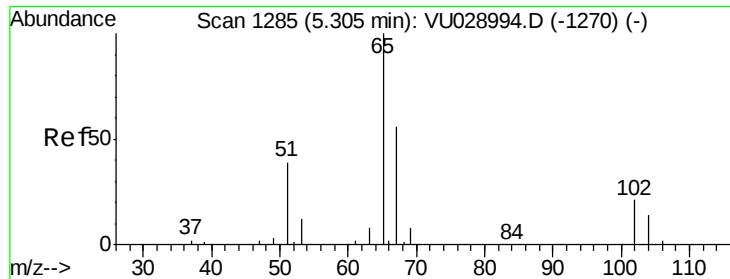
#32
1,1,1-Trichloroethane
Concen: 145.878 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion: 97 Resp: 322282
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.4
61 43.4 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

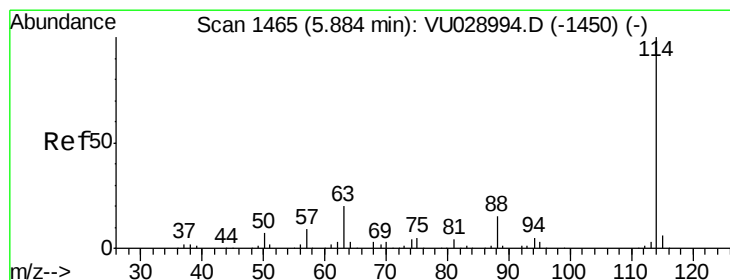
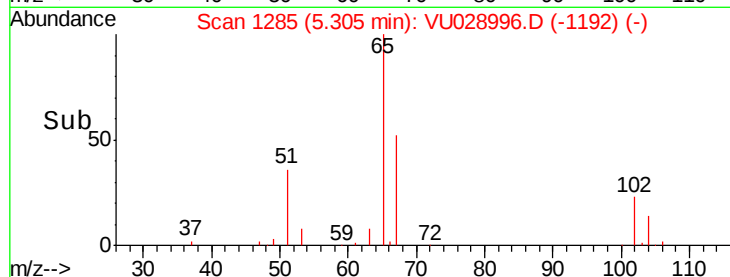
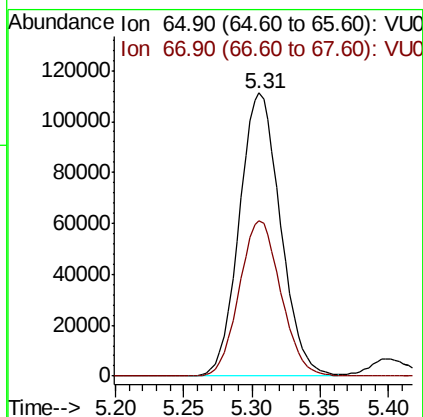
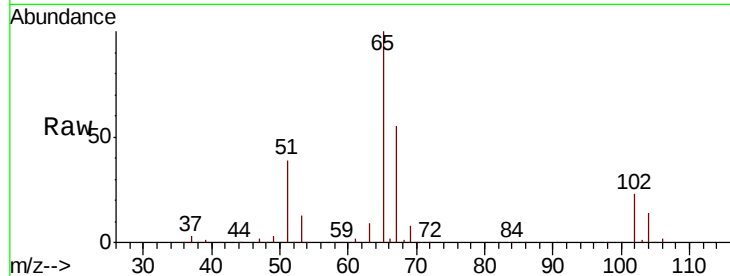




#33
 1,2-Dichloroethane-d4
 Concen: 145.610 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

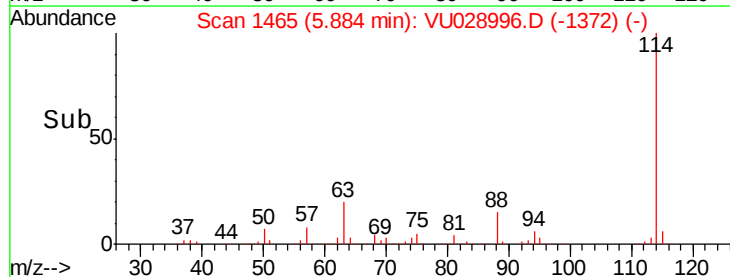
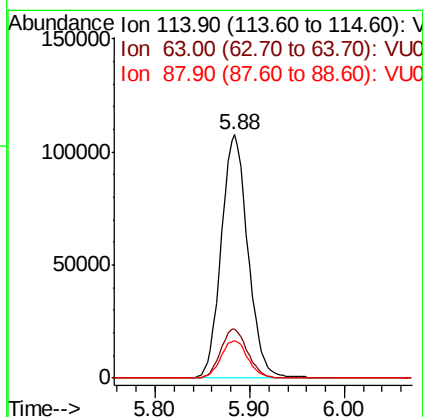
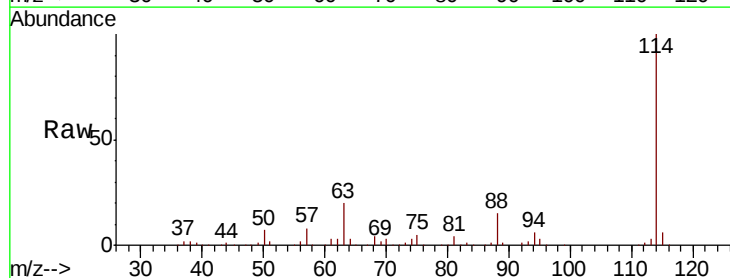
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

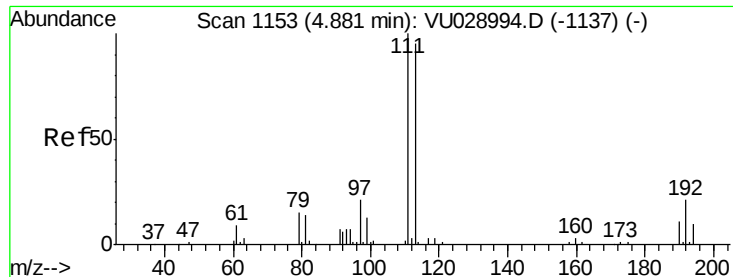
Tgt Ion: 65 Resp: 232733
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion: 114 Resp: 211108
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 15.3 0.0 30.4

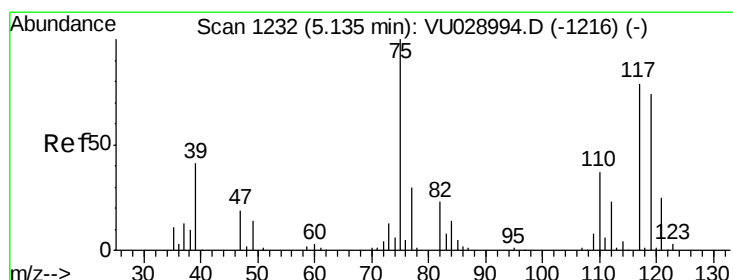
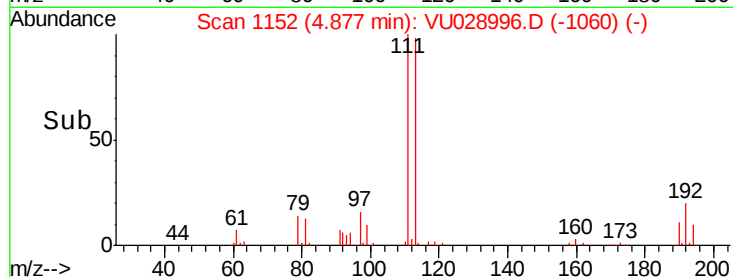
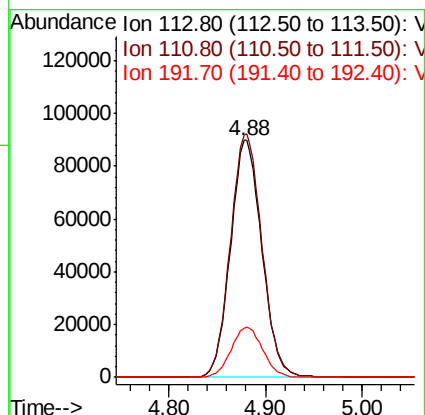
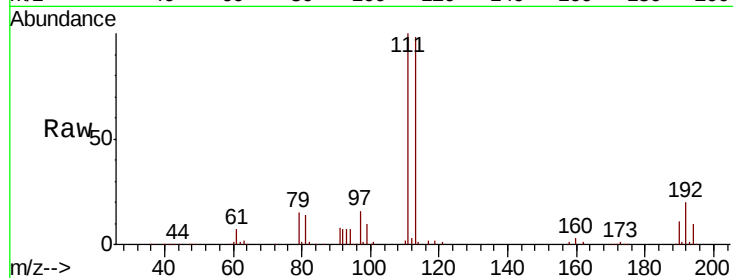




#35
 Dibromofluoromethane
 Concen: 147.713 ug/l
 RT: 4.88 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

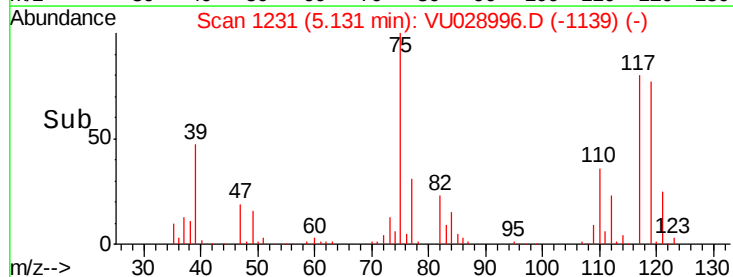
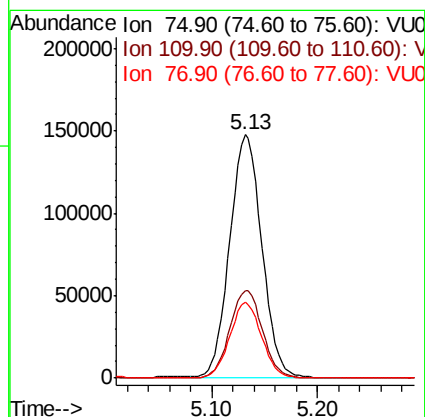
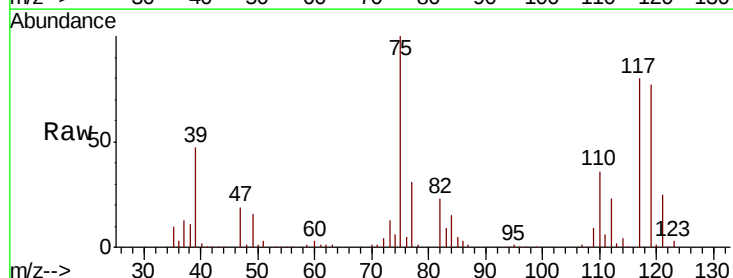
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

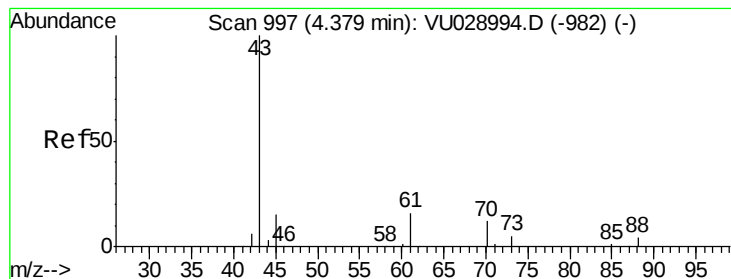
Tgt Ion: 113 Resp: 202140
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.2
 192 21.4 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 147.658 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion: 75 Resp: 311576
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.4 55.4
 77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 145.465 ug/l

RT: 4.38 min Scan# 997

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

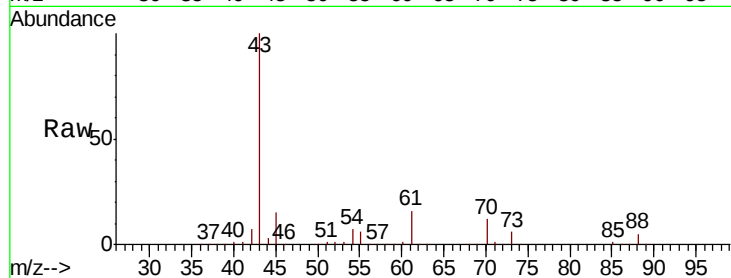
Tgt Ion: 43 Resp: 350836

Ion Ratio Lower Upper

43 100

61 15.8 12.6 18.8

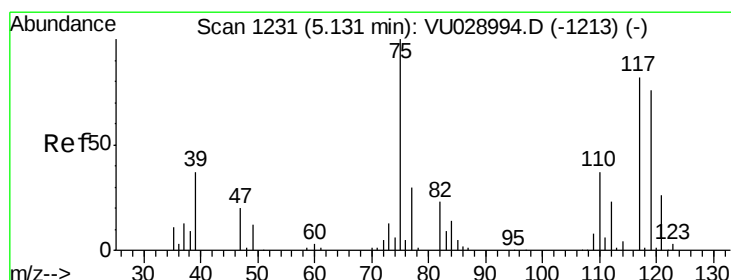
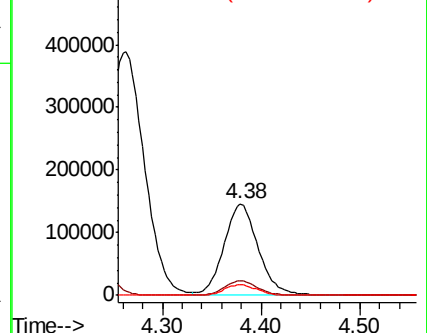
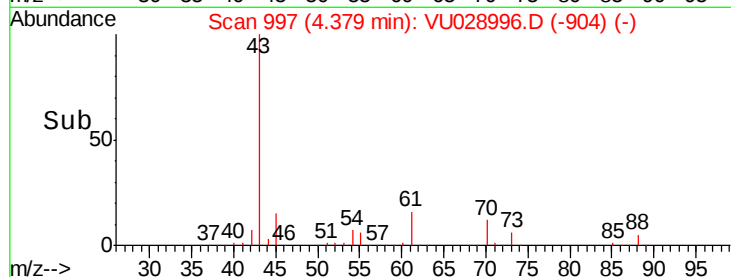
70 11.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VU028996.D (-904) (-)

Ion 60.90 (60.60 to 61.60): VU028996.D (-904) (-)

Ion 70.00 (69.70 to 70.70): VU028996.D (-904) (-)



#38

Carbon Tetrachloride

Concen: 153.853 ug/l

RT: 5.13 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

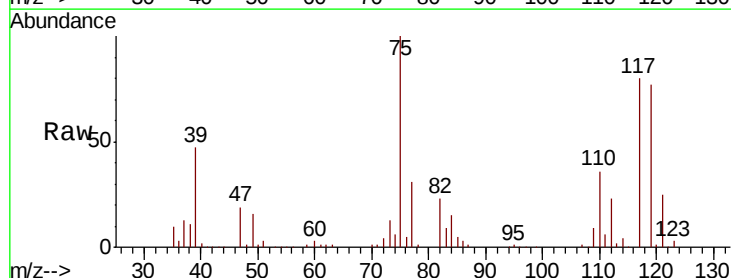
Tgt Ion: 117 Resp: 270773

Ion Ratio Lower Upper

117 100

119 96.1 74.6 111.8

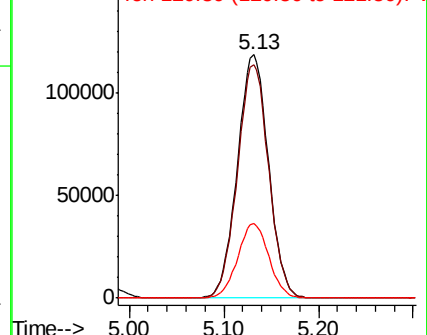
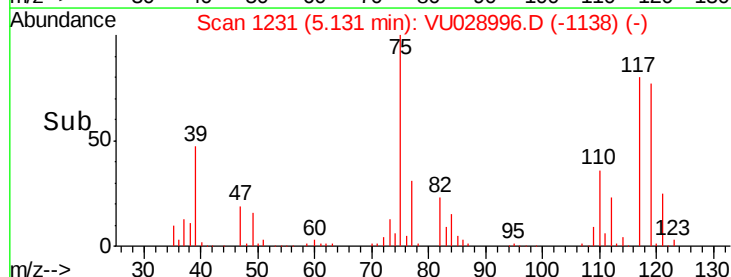
121 30.6 25.0 37.6

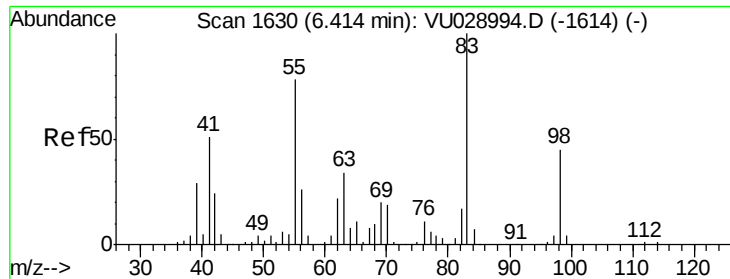


Abundance Ion 116.80 (116.50 to 117.50): VU028996.D (-1138) (-)

Ion 118.80 (118.50 to 119.50): VU028996.D (-1138) (-)

Ion 120.80 (120.50 to 121.50): VU028996.D (-1138) (-)

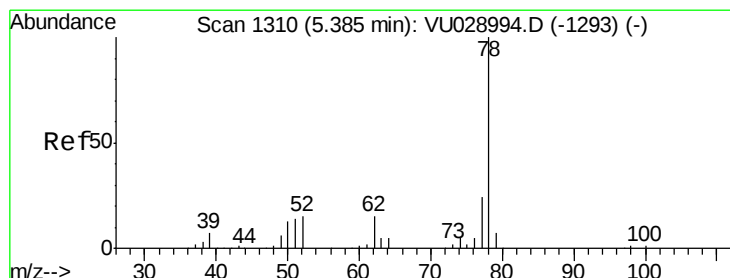
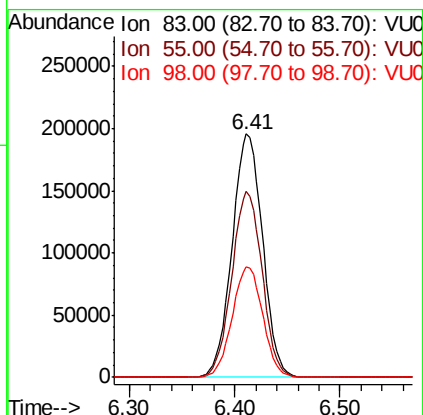
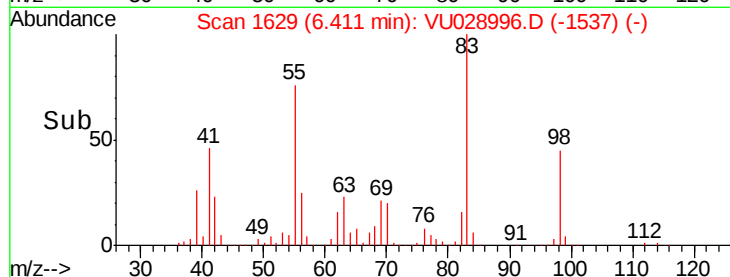
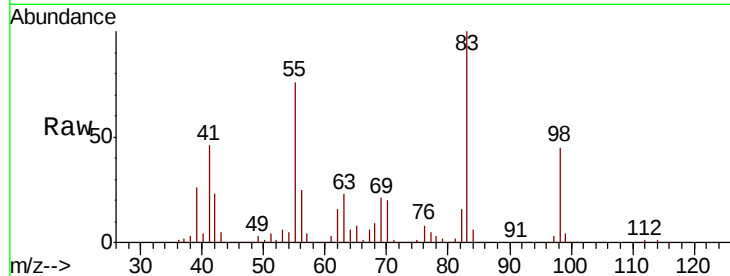




#39
Methylcyclohexane
Concen: 151.181 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

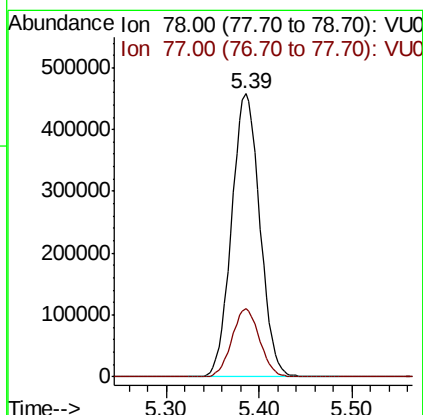
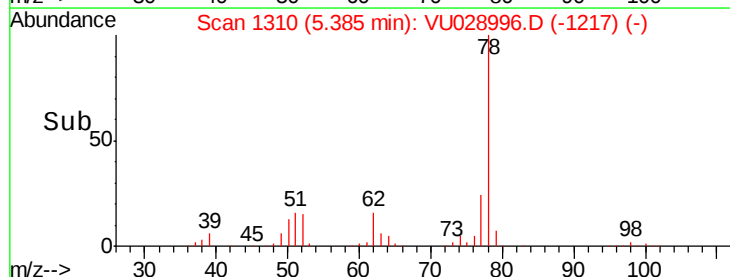
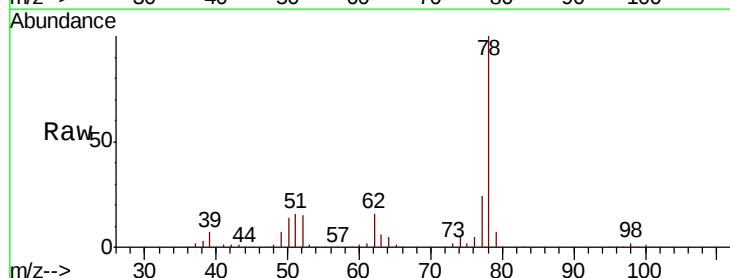
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

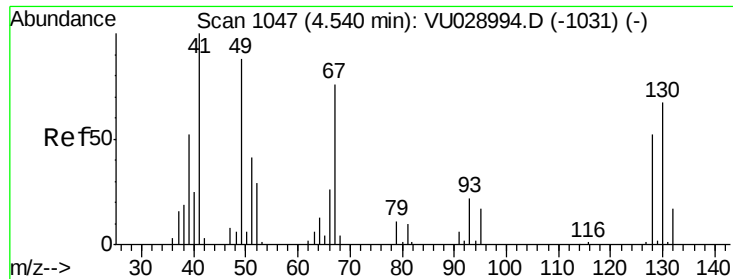
Tgt Ion: 83 Resp: 392181
Ion Ratio Lower Upper
83 100
55 76.2 62.4 93.6
98 45.5 36.2 54.2



#40
Benzene
Concen: 146.964 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion: 78 Resp: 967322
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3





#41

Methacrylonitrile

Concen: 154.440 ug/l

RT: 4.54 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 191478

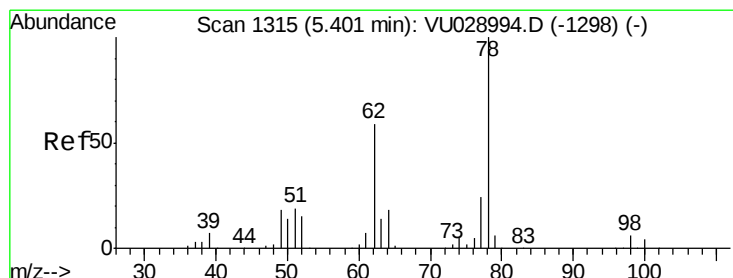
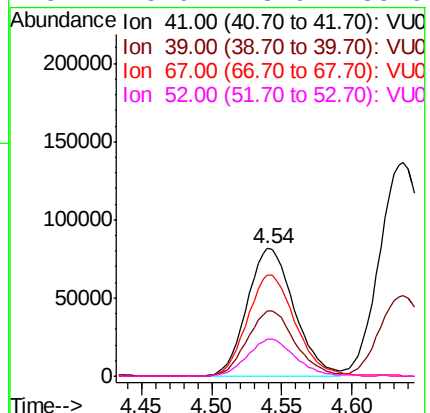
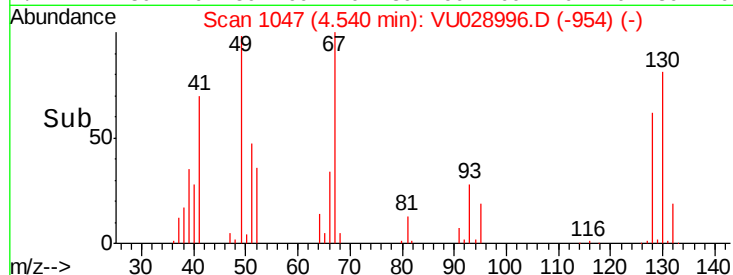
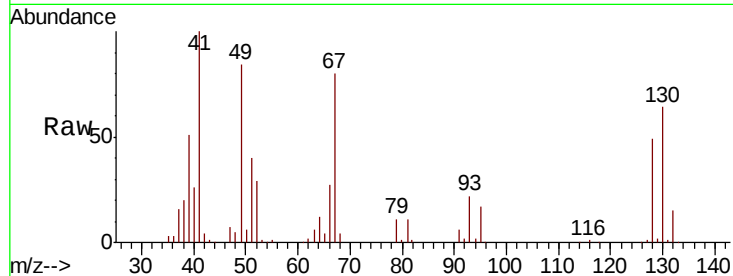
Ion Ratio Lower Upper

41 100

39 51.8 42.3 63.5

67 80.3 64.4 96.6

52 28.9 23.9 35.9



#42

1,2-Dichloroethane

Concen: 151.216 ug/l

RT: 5.40 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VU028996.D

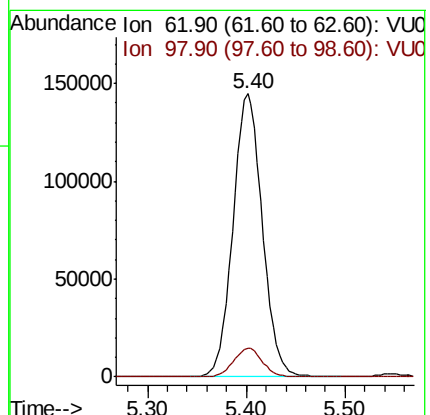
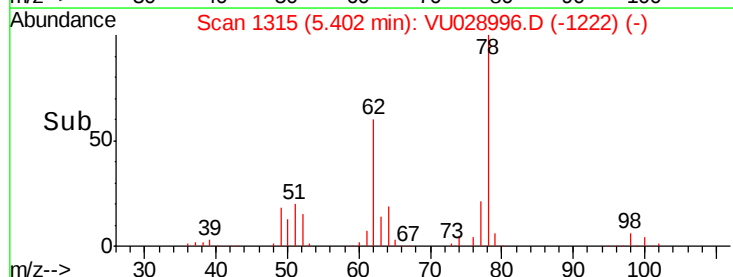
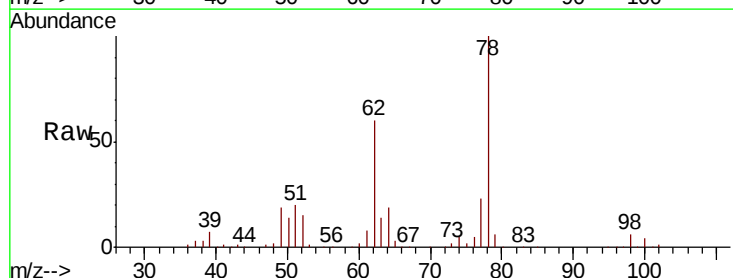
Acq: 03 Jan 2019 14:42

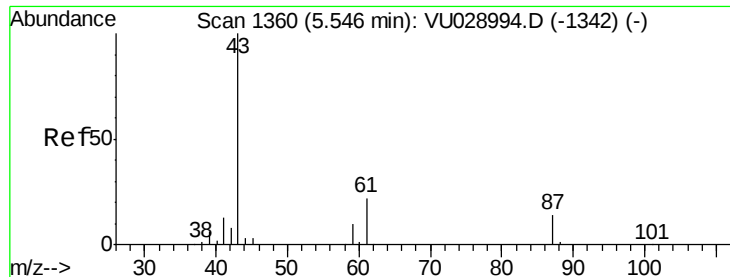
Tgt Ion: 62 Resp: 299081

Ion Ratio Lower Upper

62 100

98 10.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 157.943 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

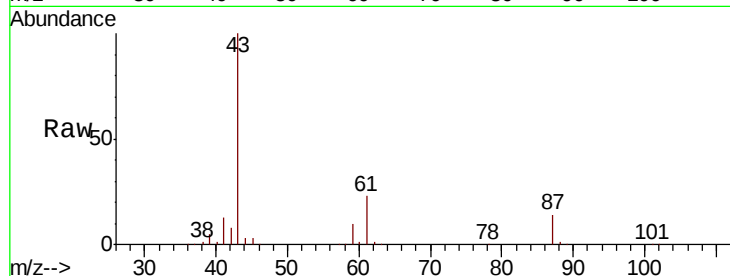
Tgt Ion: 43 Resp: 561175

Ion Ratio Lower Upper

43 100

61 22.7 17.8 26.6

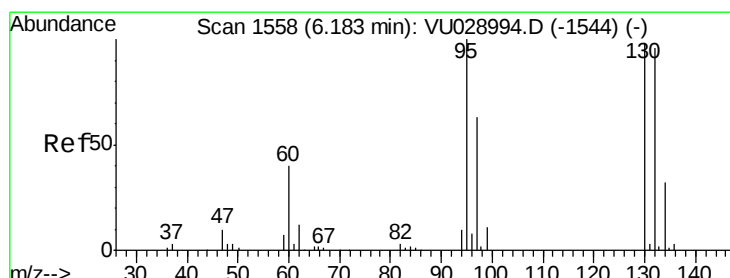
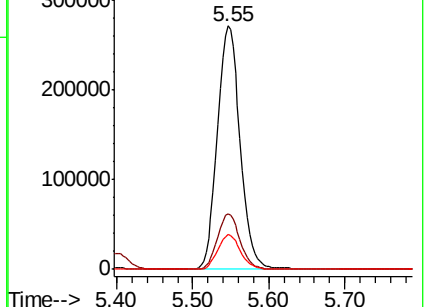
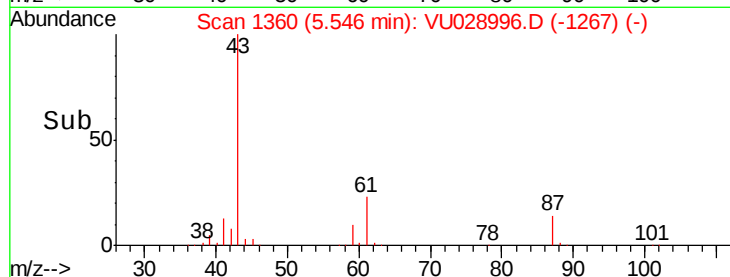
87 14.2 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028996.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU028996.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU028996.D (-1267) (-)



#44

Trichloroethene

Concen: 149.580 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU028996.D

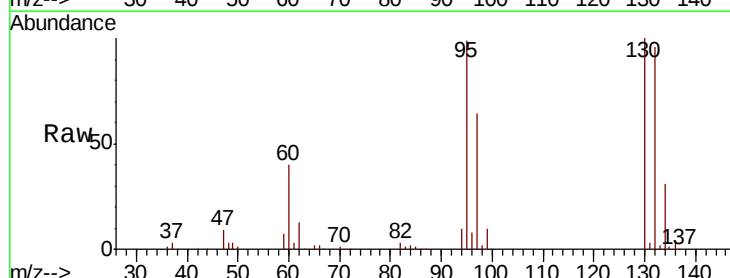
Acq: 03 Jan 2019 14:42

Tgt Ion: 130 Resp: 243942

Ion Ratio Lower Upper

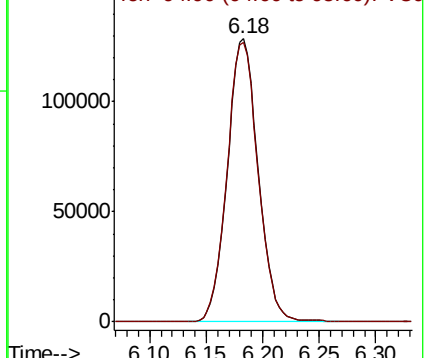
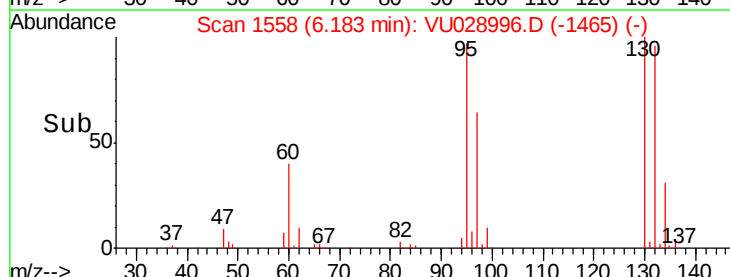
130 100

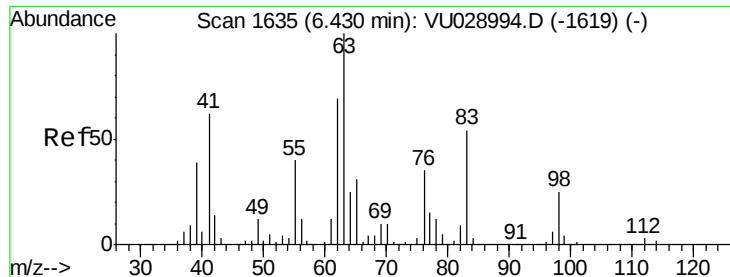
95 98.9 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028996.D (-1465) (-)

Ion 94.90 (94.60 to 95.60): VU028996.D (-1465) (-)





#45

1,2-Dichloropropane

Concen: 149.984 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

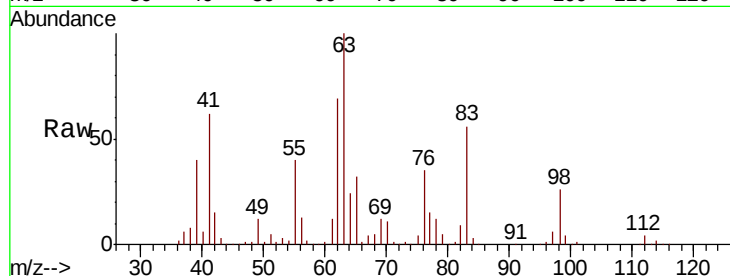
VSTDIC150

Tgt Ion: 63 Resp: 260699

Ion Ratio Lower Upper

63 100

65 31.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VU028996.D (-1542) (-)

Ion 64.90 (64.60 to 65.60): VU028996.D (-1542) (-)

6.43

150000

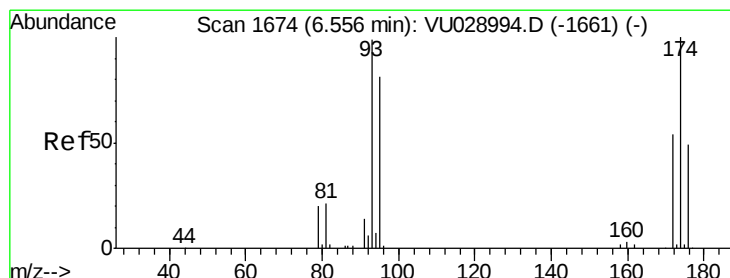
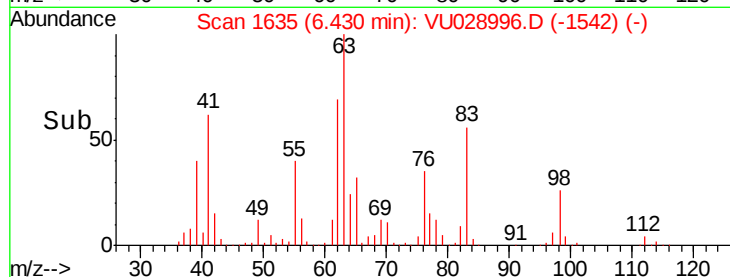
100000

50000

0

6.40 6.50

Time-->



#46

Dibromomethane

Concen: 150.788 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

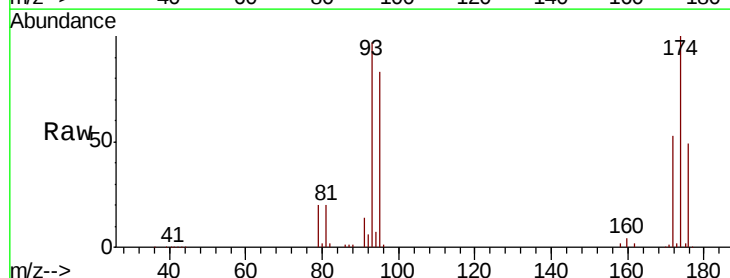
Tgt Ion: 93 Resp: 167548

Ion Ratio Lower Upper

93 100

95 83.9 67.2 100.8

174 103.8 82.6 123.8



Abundance Ion 92.80 (92.50 to 93.50): VU028996.D (-1581) (-)

Ion 94.80 (94.50 to 95.50): VU028996.D (-1581) (-)

Ion 173.70 (173.40 to 174.40): VU028996.D (-1581) (-)

6.56

120000

100000

80000

60000

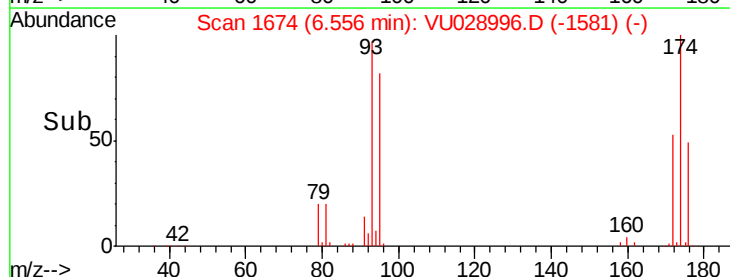
40000

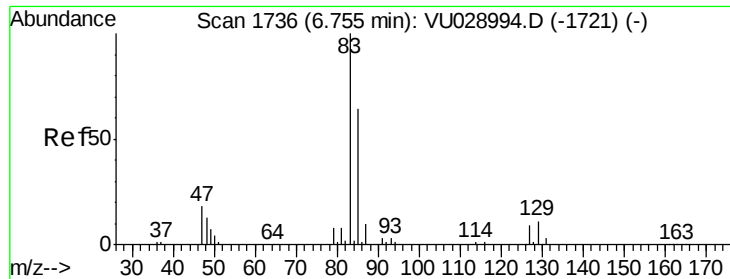
20000

0

6.50 6.60 6.70

Time-->





#47

Bromodichloromethane

Concen: 153.939 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

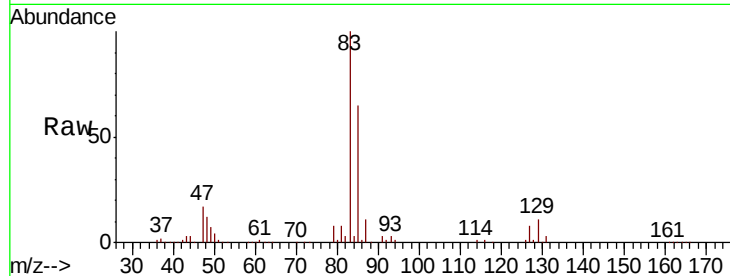
Tgt Ion: 83 Resp: 314931

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.2

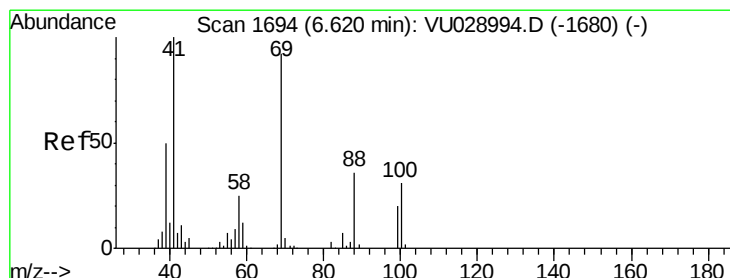
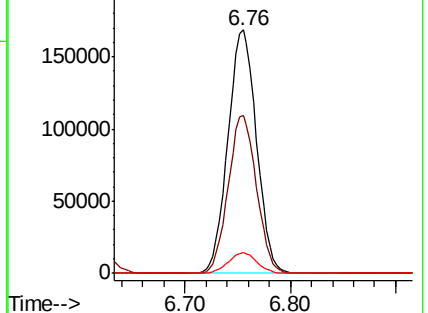
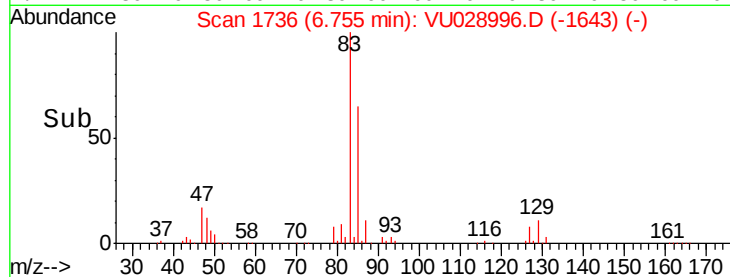
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VU028996.D (-1643) (-)

Ion 84.90 (84.60 to 85.60): VU028996.D (-1643) (-)

Ion 126.80 (126.50 to 127.50): VU028996.D (-1643) (-)



#48

Methyl methacrylate

Concen: 164.349 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

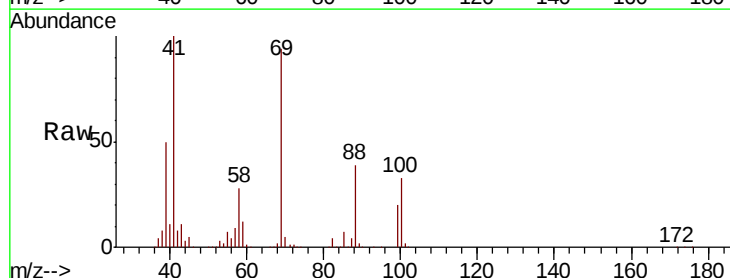
Tgt Ion: 41 Resp: 284335

Ion Ratio Lower Upper

41 100

69 94.1 73.6 110.4

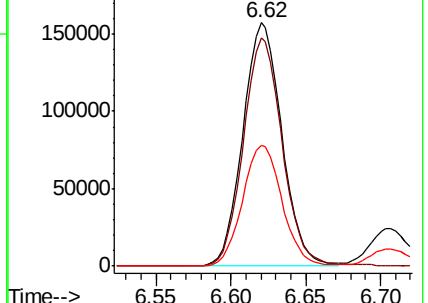
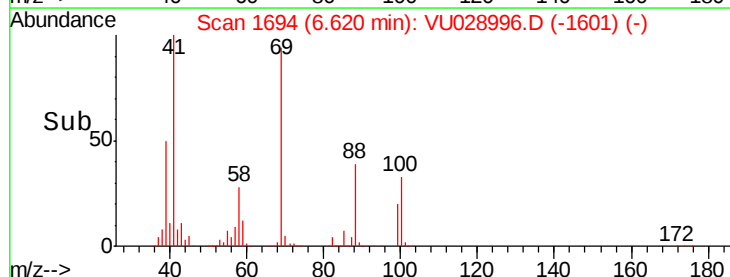
39 50.2 39.6 59.4

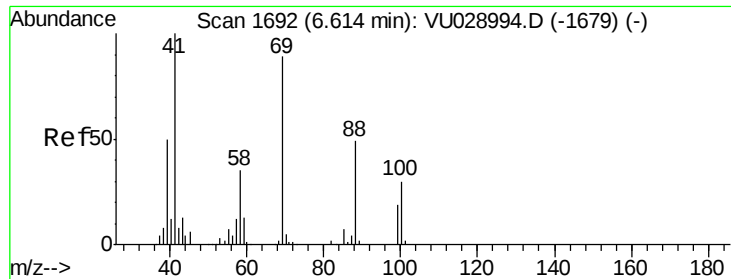


Abundance Ion 41.00 (40.70 to 41.70): VU028996.D (-1601) (-)

Ion 69.00 (68.70 to 69.70): VU028996.D (-1601) (-)

Ion 39.00 (38.70 to 39.70): VU028996.D (-1601) (-)

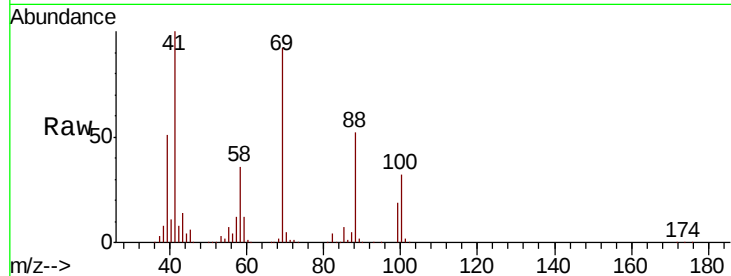




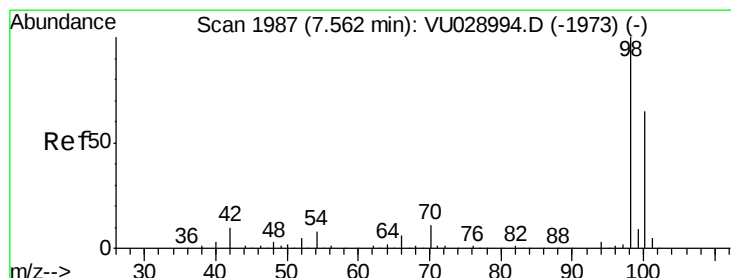
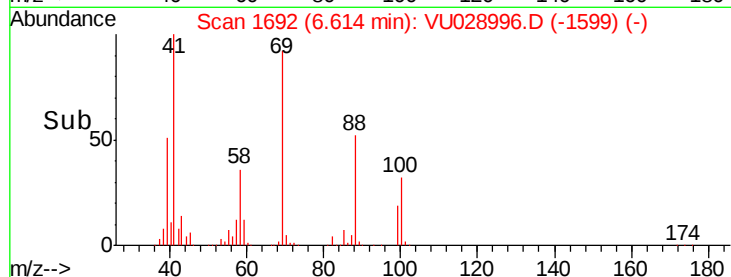
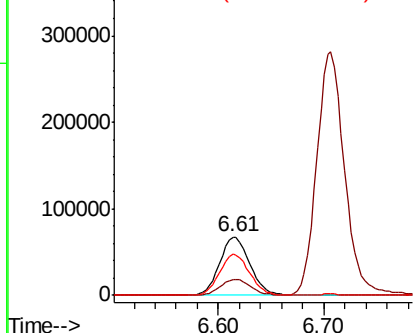
#49
1,4-Dioxane
Concen: 3214.501 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 131794
Ion Ratio Lower Upper
88 100
43 28.7 23.0 34.4
58 70.7 57.9 86.9

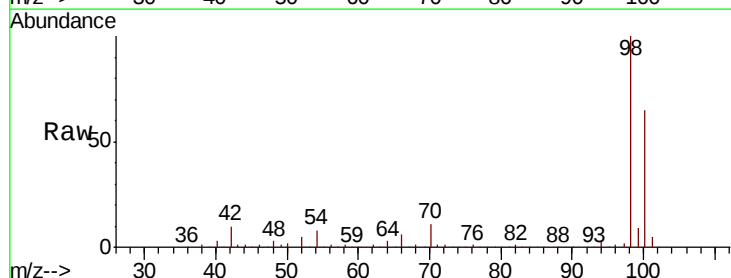


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

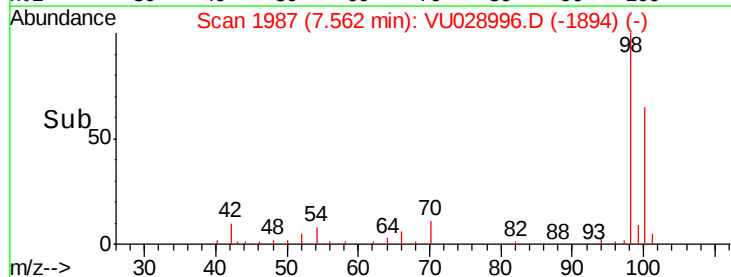
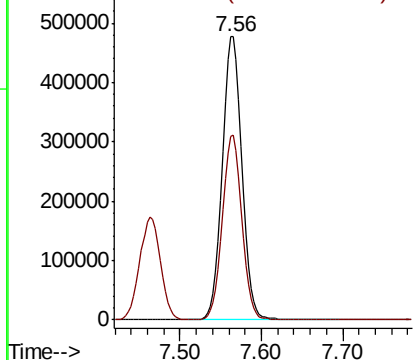


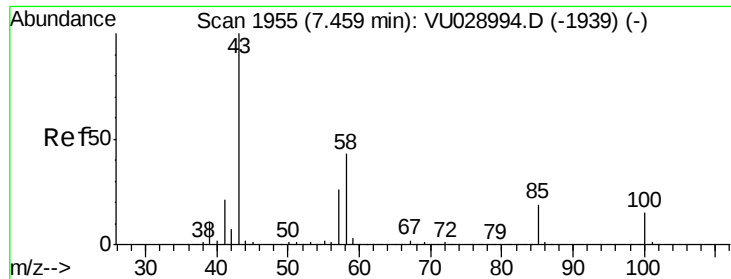
#50
Toluene-d8
Concen: 151.378 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion: 98 Resp: 817824
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 803.931 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

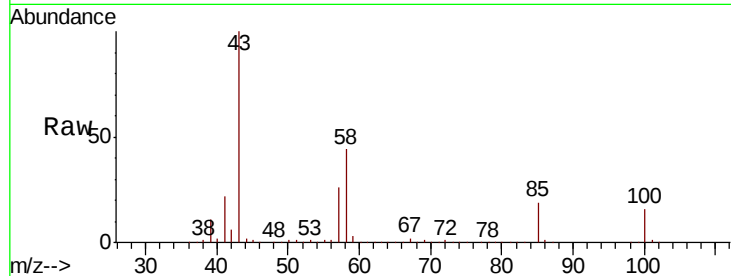
VSTDIC150

Tgt Ion: 43 Resp: 1943943

Ion Ratio Lower Upper

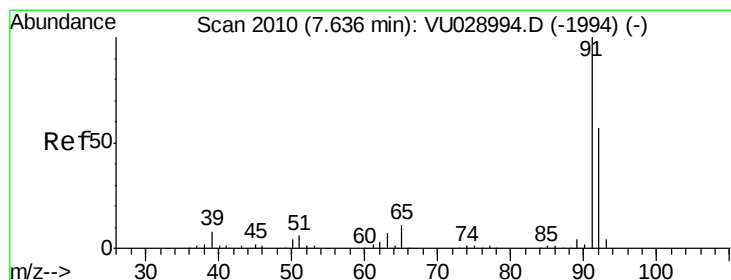
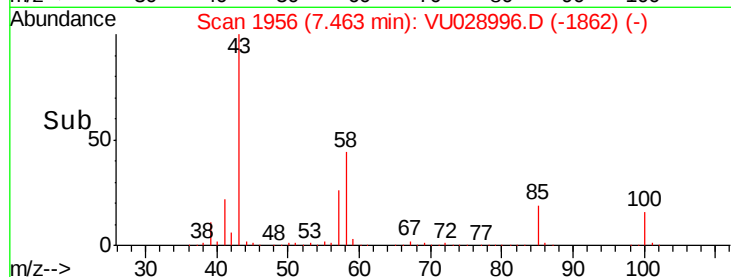
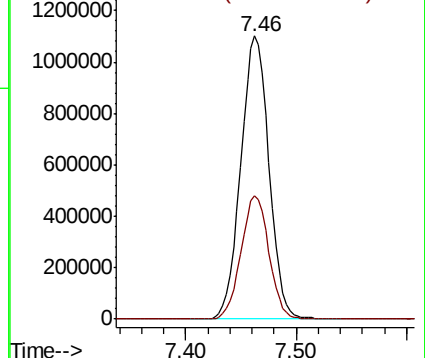
43 100

58 43.3 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 153.156 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028996.D

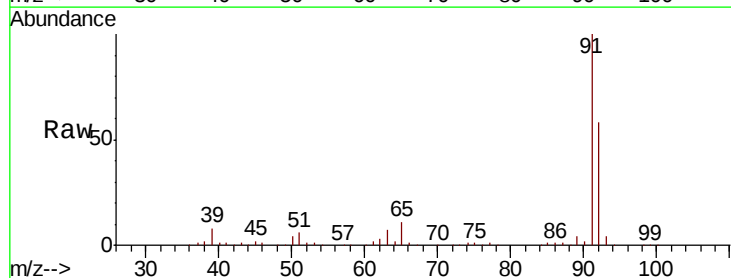
Acq: 03 Jan 2019 14:42

Tgt Ion: 92 Resp: 613692

Ion Ratio Lower Upper

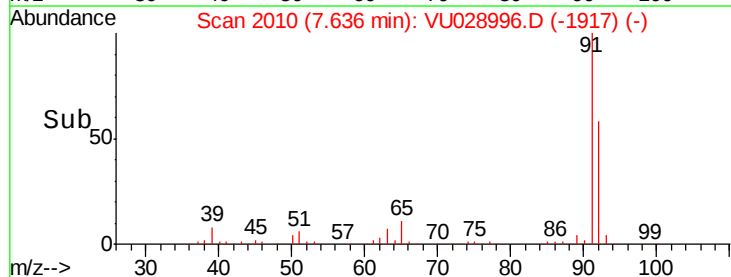
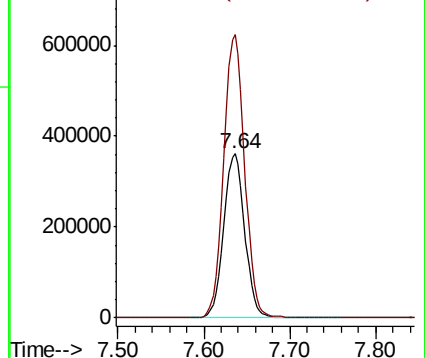
92 100

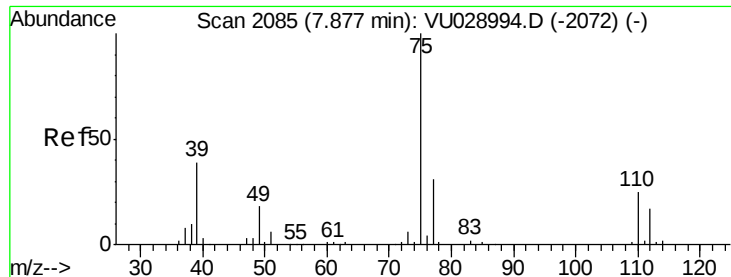
91 172.4 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

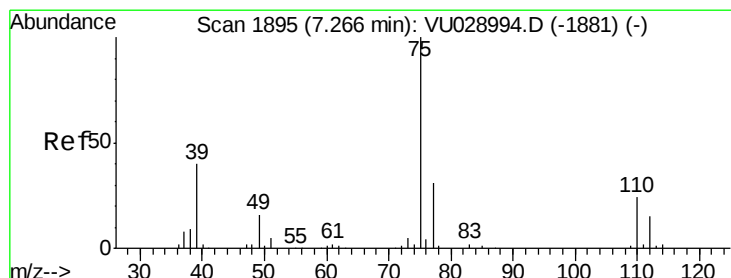
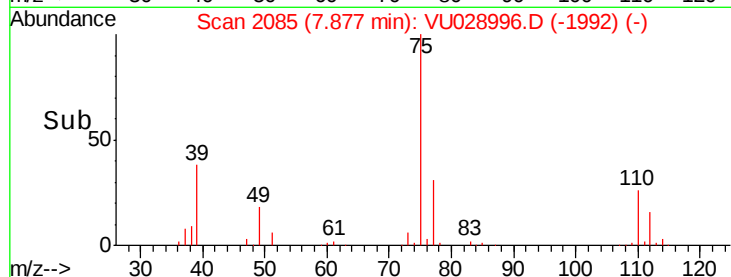
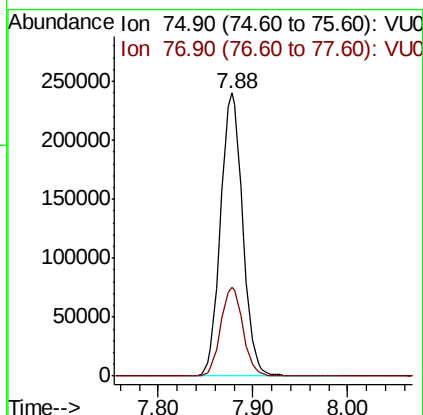
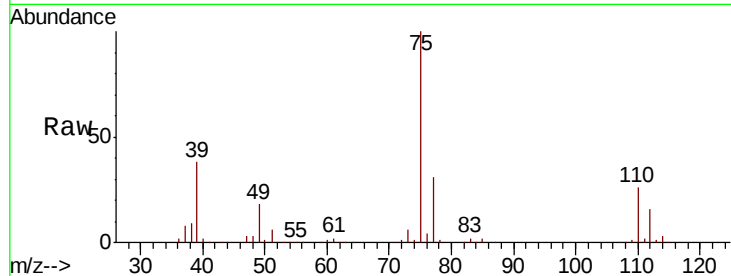




#53
 t-1,3-Dichloropropene
 Concen: 158.785 ug/l
 RT: 7.88 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

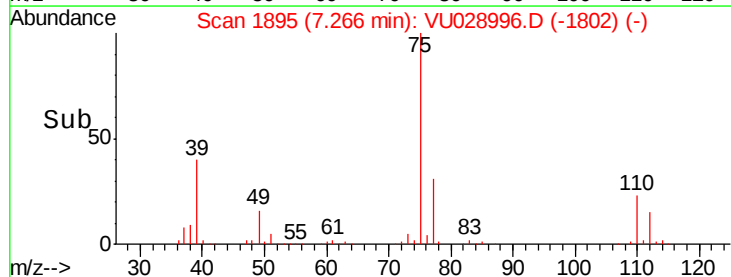
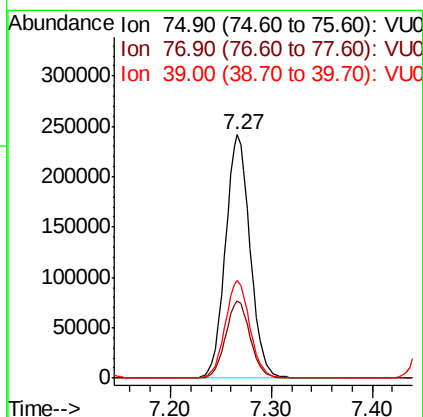
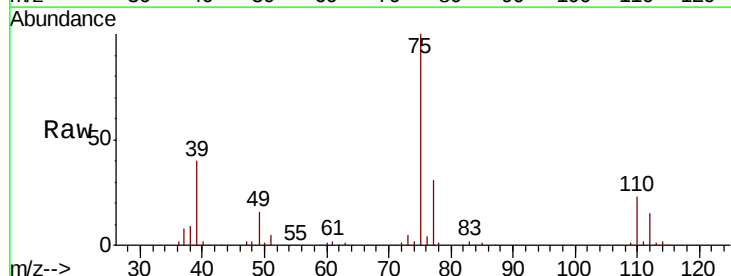
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

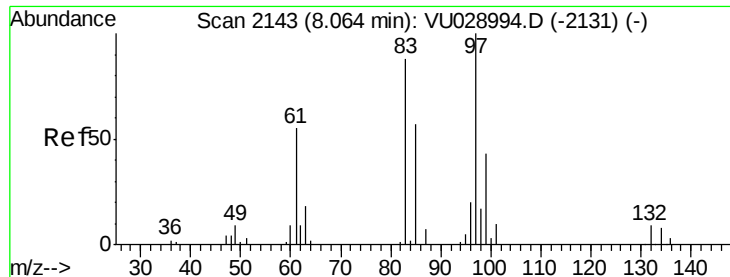
Tgt Ion: 75 Resp: 390226
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 154.964 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion: 75 Resp: 411514
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 40.1 32.2 48.4





#55

1,1,2-Trichloroethane

Concen: 155.015 ug/l

RT: 8.07 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 248837

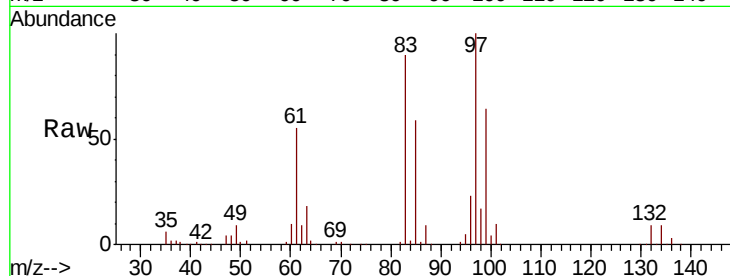
Ion Ratio Lower Upper

97 100

83 89.6 69.8 104.8

85 58.6 47.3 70.9

99 64.3 49.7 74.5

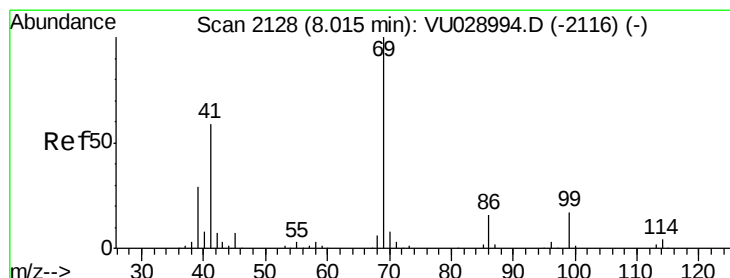
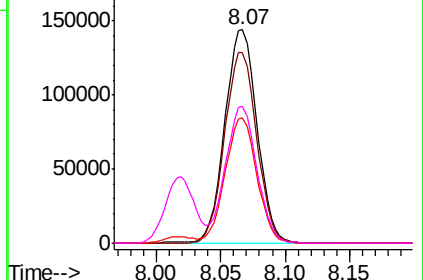
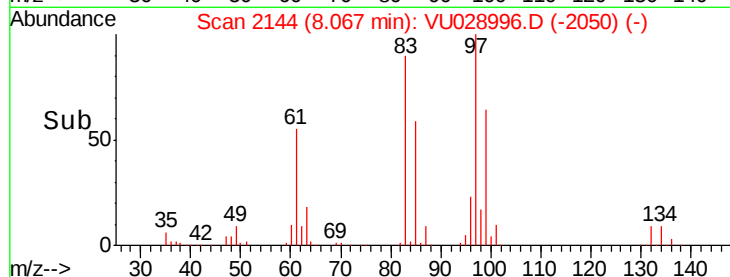


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 170.018 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

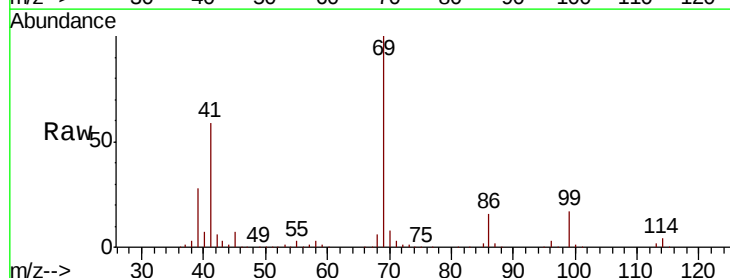
Tgt Ion: 69 Resp: 420465

Ion Ratio Lower Upper

69 100

41 59.5 47.5 71.3

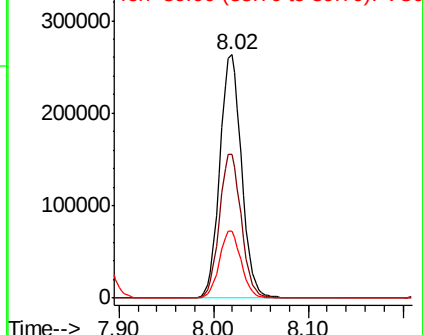
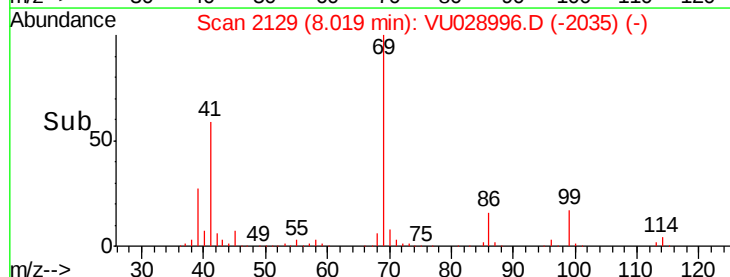
39 27.5 22.5 33.7

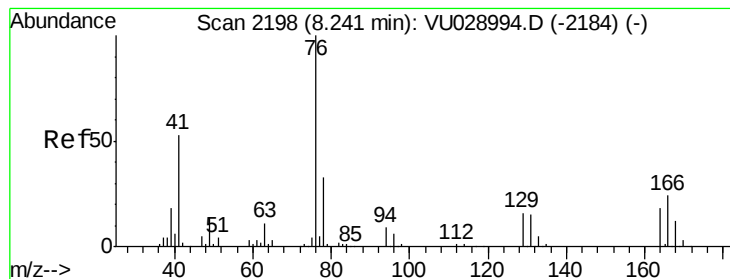


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 156.461 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

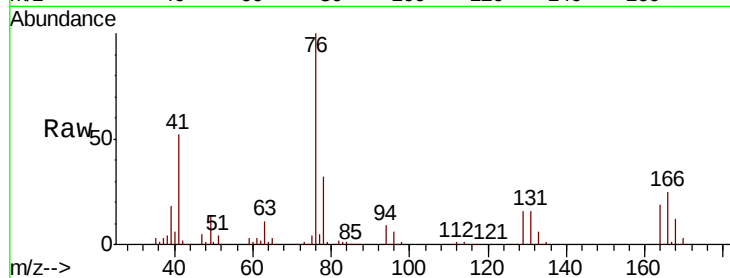
VSTDIC150

Tgt Ion: 76 Resp: 429761

Ion Ratio Lower Upper

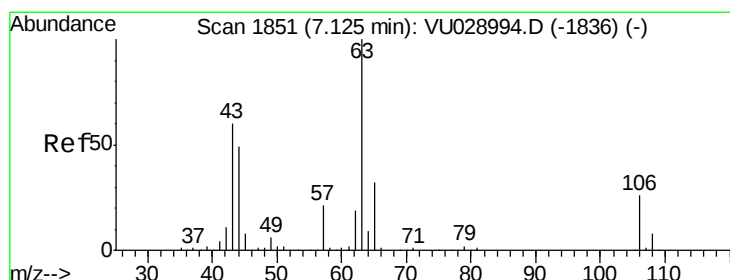
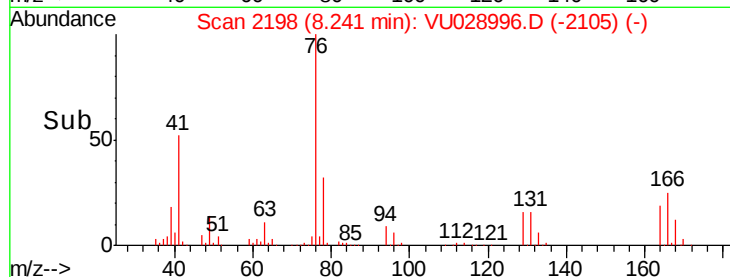
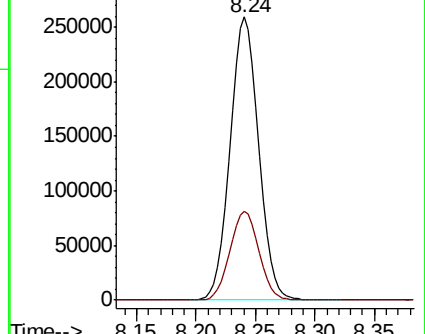
76 100

78 32.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VU028996.D (-2184) (-)

Ion 77.90 (77.60 to 78.60): VU028996.D (-2184) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 836.708 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VU028996.D

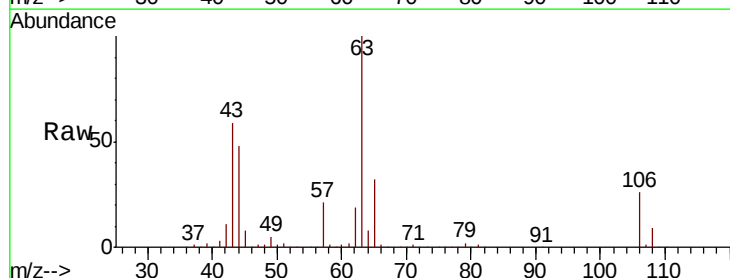
Acq: 03 Jan 2019 14:42

Tgt Ion: 63 Resp: 910009

Ion Ratio Lower Upper

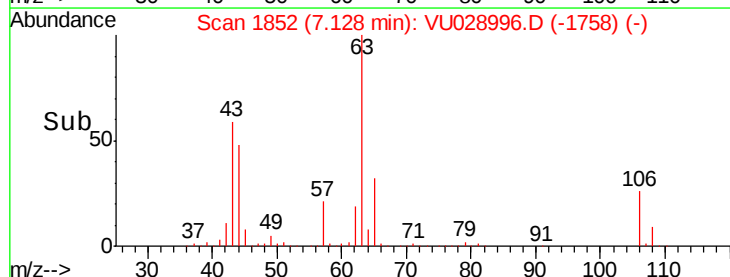
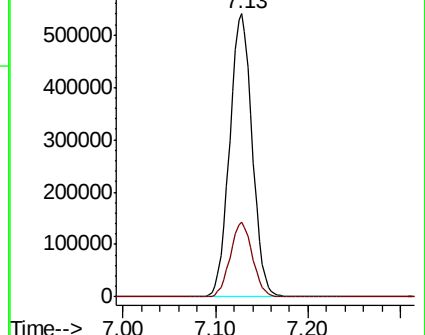
63 100

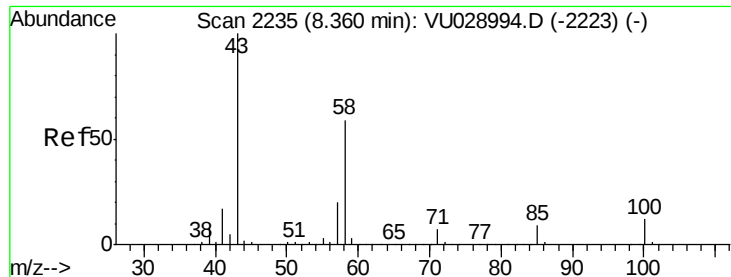
106 26.0 20.6 31.0



Abundance Ion 62.90 (62.60 to 63.60): VU028996.D (-1758) (-)

Ion 105.90 (105.60 to 106.60): VU028996.D (-1758) (-)

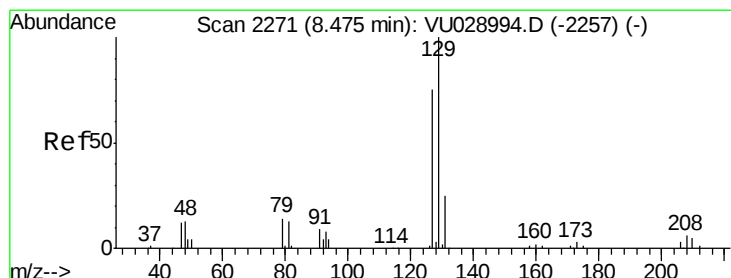
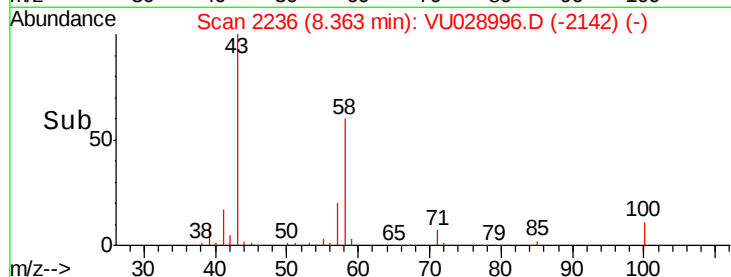
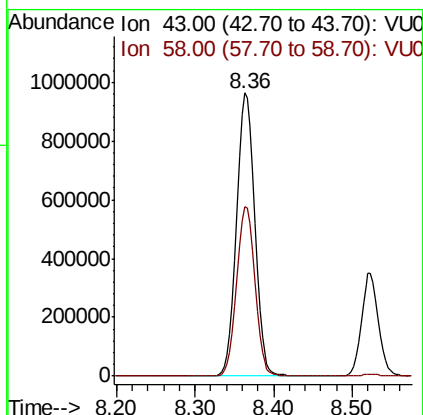
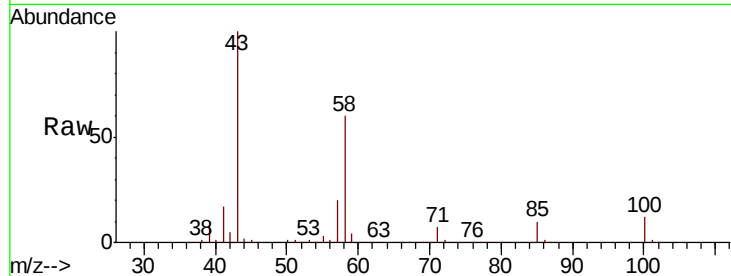




#59
2-Hexanone
Concen: 815.316 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

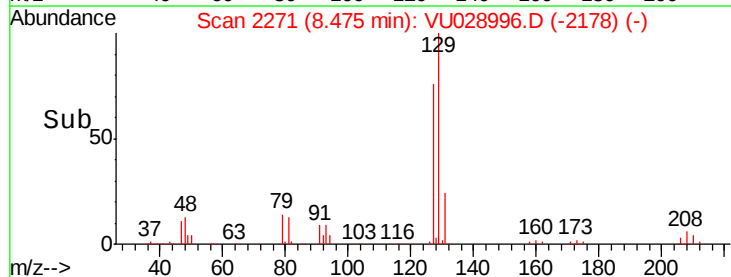
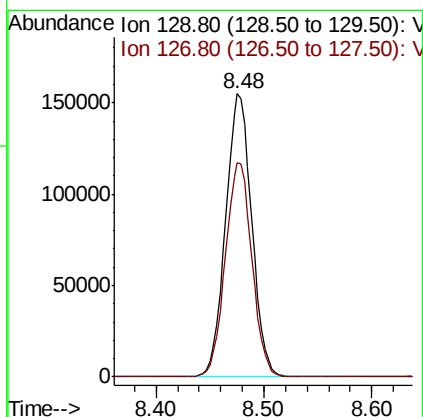
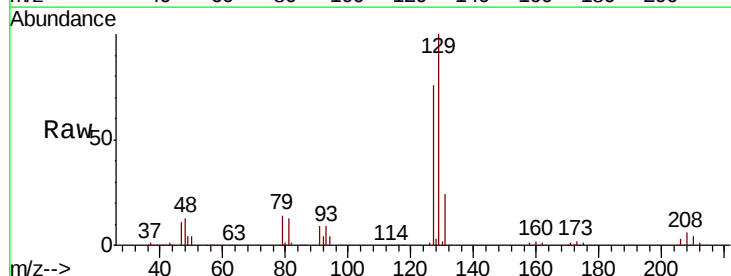
Instrument :
MSVOA_U
ClientSampled :
VSTDIC150

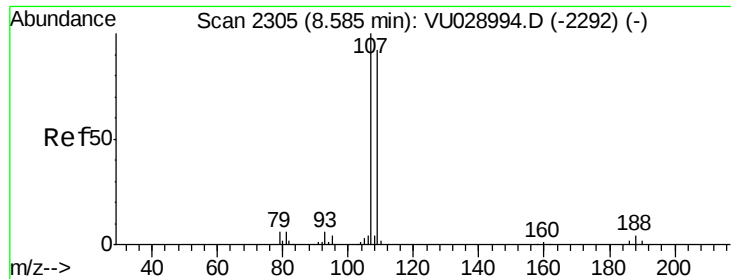
Tgt Ion: 43 Resp: 1547535
Ion Ratio Lower Upper
43 100
58 60.3 29.8 89.4



#60
Dibromochloromethane
Concen: 164.448 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion: 129 Resp: 261529
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.0





#61

1,2-Dibromoethane

Concen: 157.324 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

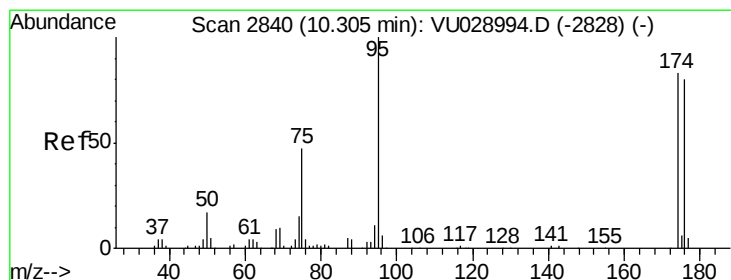
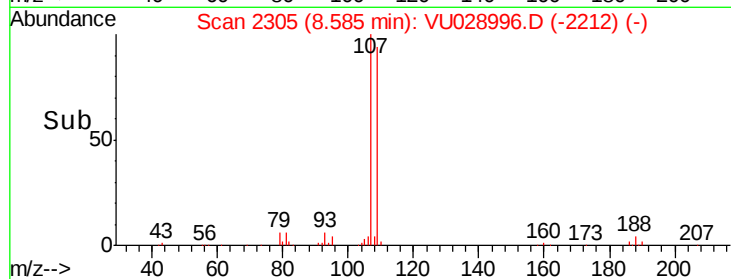
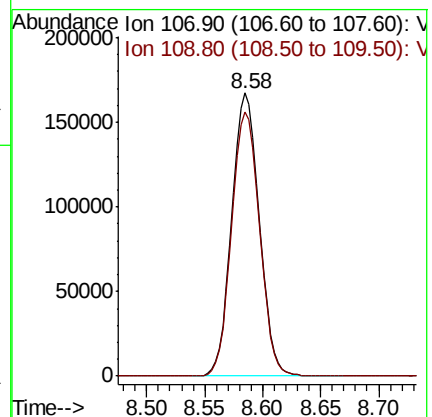
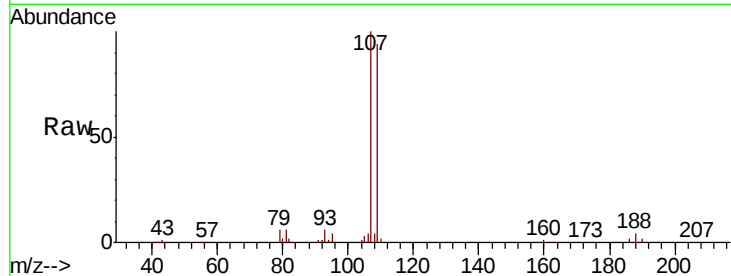
VSTDIC150

Tgt Ion: 107 Resp: 273898

Ion Ratio Lower Upper

107 100

109 95.0 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 164.369 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

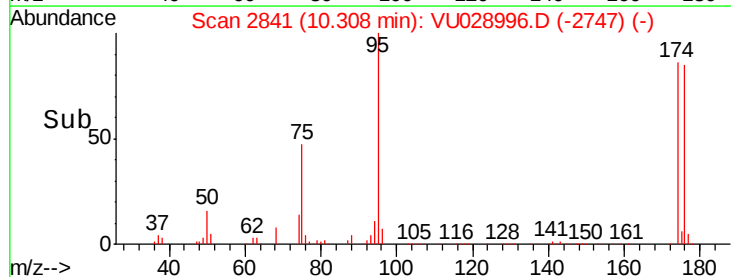
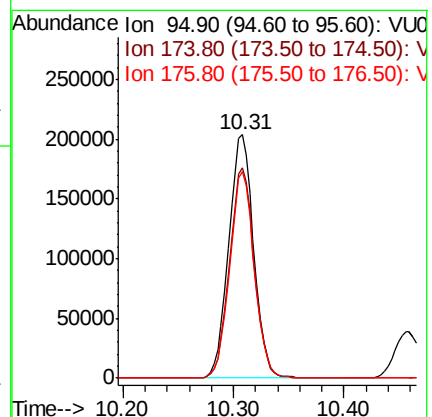
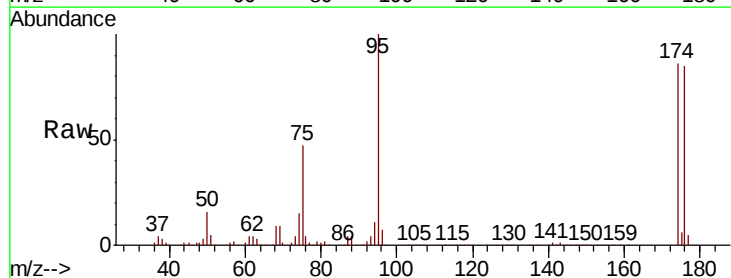
Tgt Ion: 95 Resp: 319134

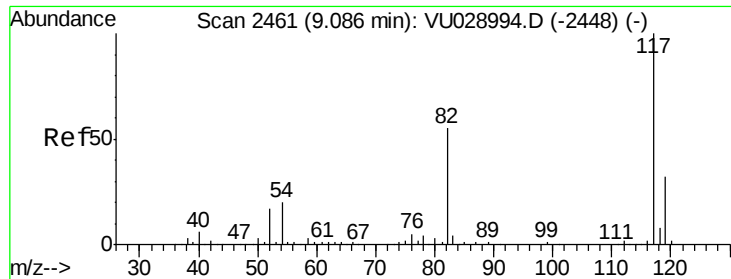
Ion Ratio Lower Upper

95 100

174 86.1 0.0 170.6

176 83.4 0.0 165.0

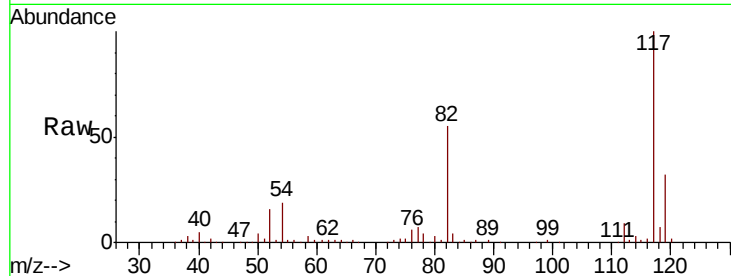




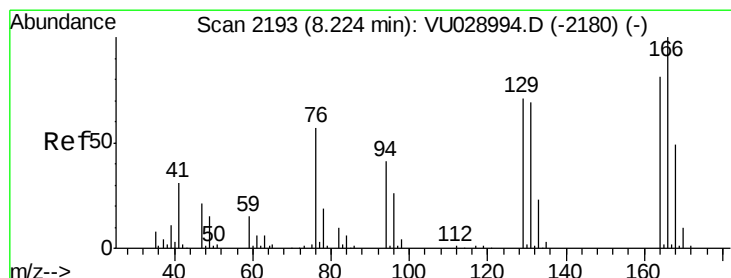
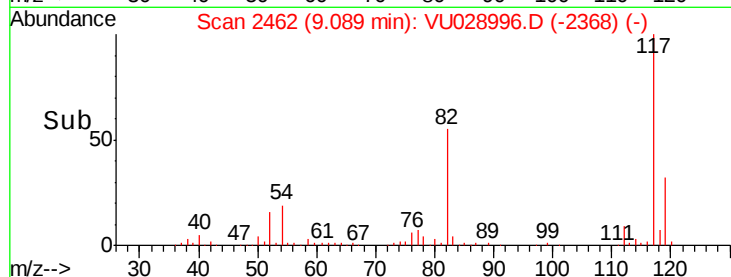
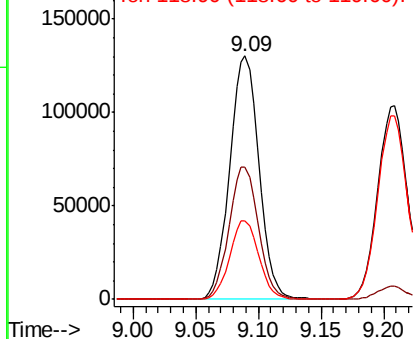
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 211745
Ion Ratio Lower Upper
117 100
82 54.5 43.9 65.9
119 32.5 26.0 39.0

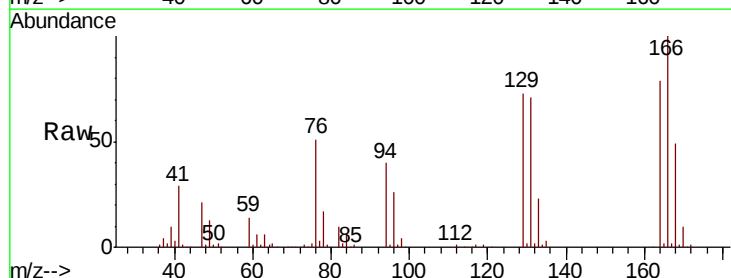


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): V

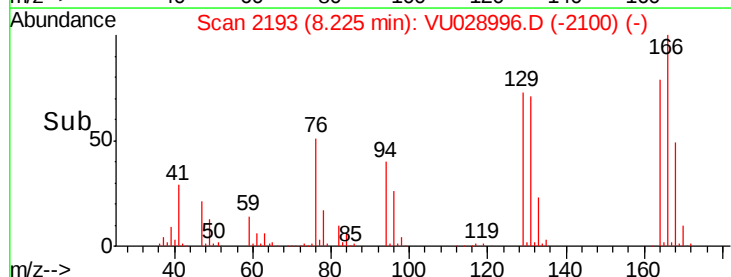
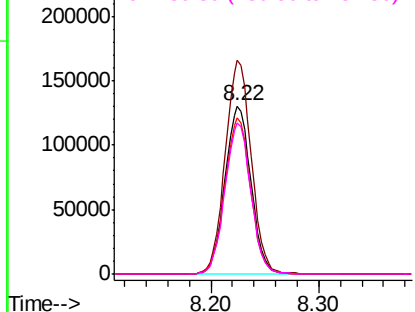


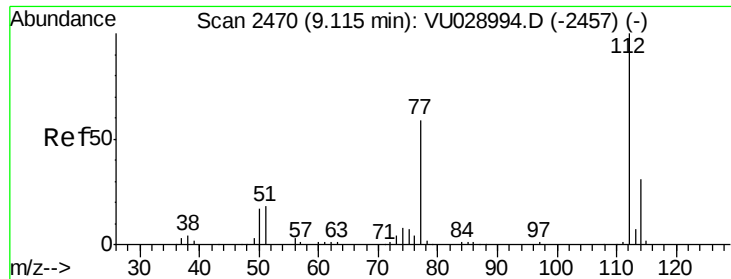
#64
Tetrachloroethene
Concen: 143.186 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion:164 Resp: 218403
Ion Ratio Lower Upper
164 100
166 127.3 99.4 149.0
129 93.5 70.5 105.7
131 90.1 69.0 103.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): VU028994.D (-2180) (-)
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

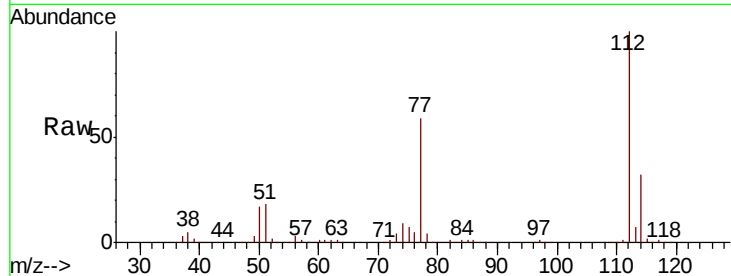




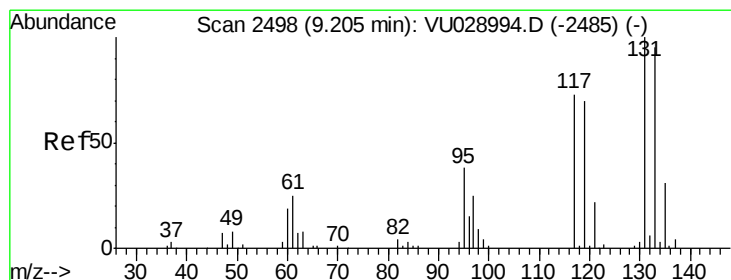
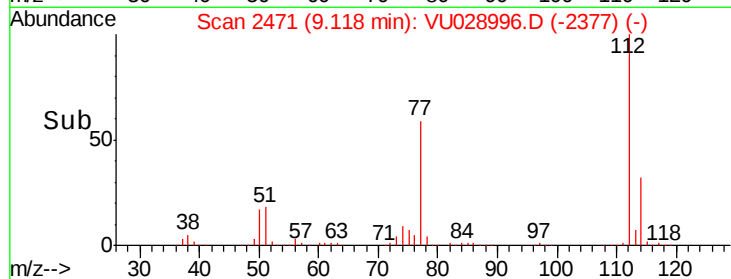
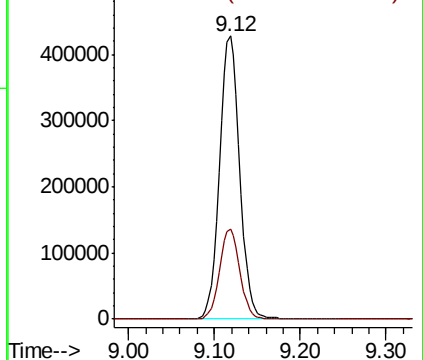
#65
Chlorobenzene
Concen: 146.182 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 693831
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6

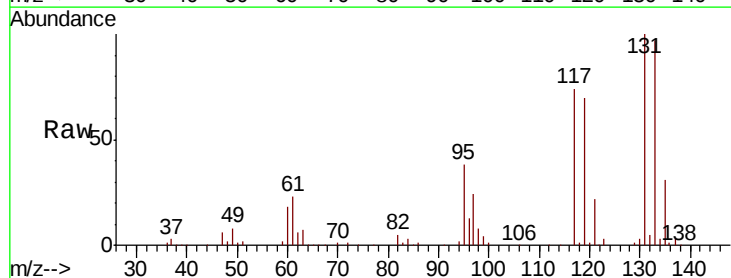


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

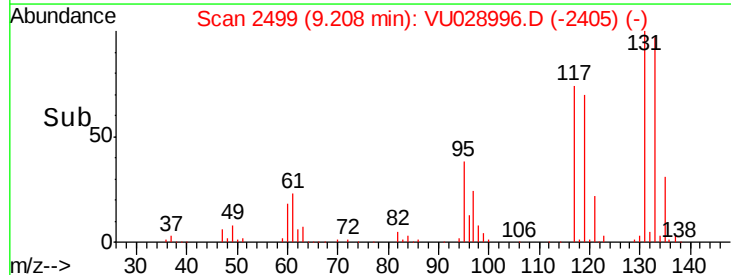
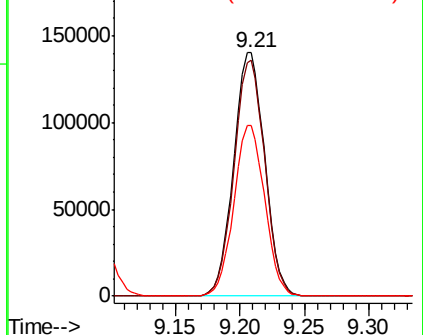


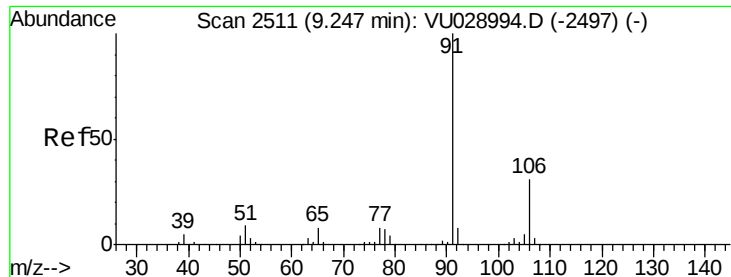
#66
1,1,1,2-Tetrachloroethane
Concen: 152.429 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion:131 Resp: 234786
Ion Ratio Lower Upper
131 100
133 95.8 48.2 144.6
119 69.7 35.4 106.3



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

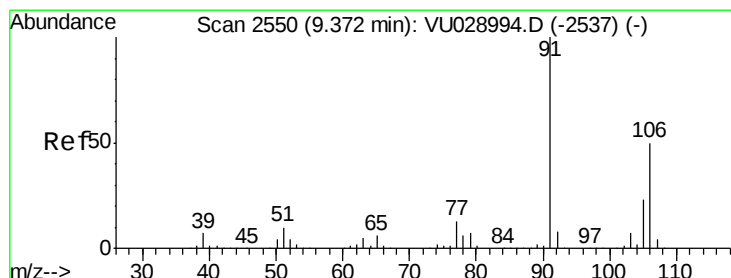
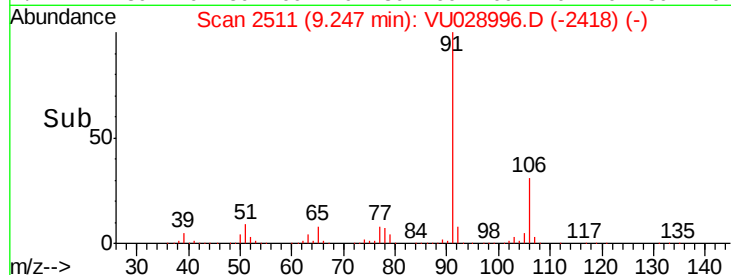
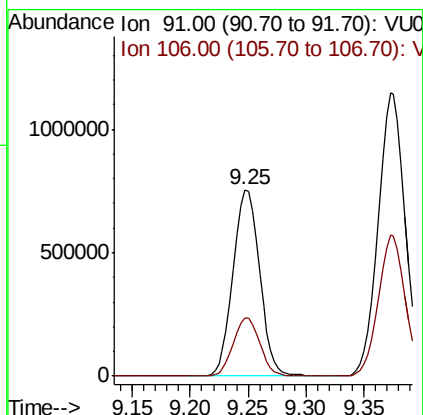
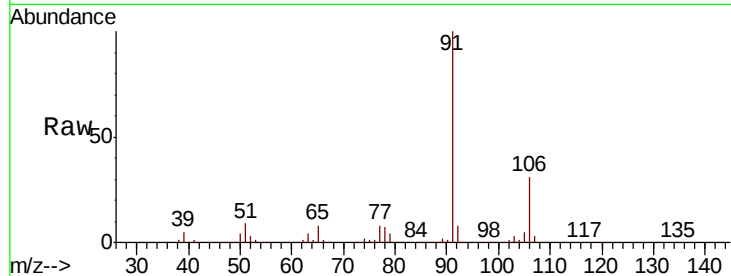




#67
 Ethyl Benzene
 Concen: 151.973 ug/l
 RT: 9.25 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

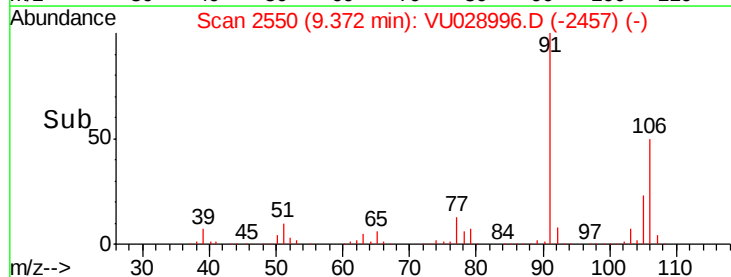
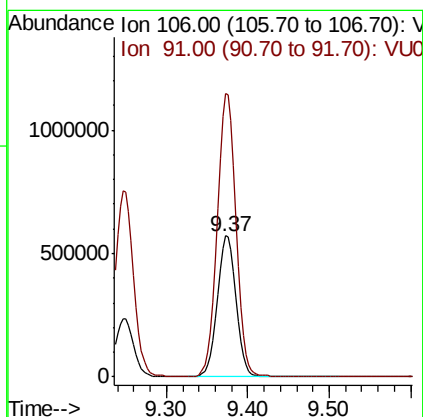
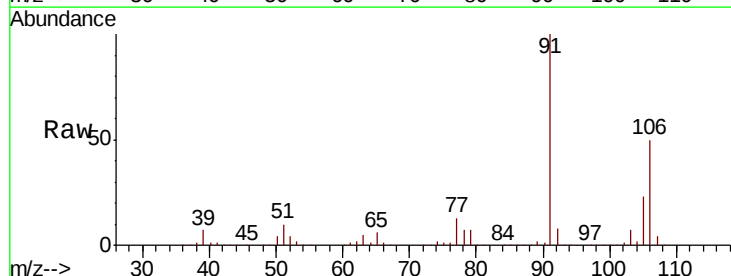
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

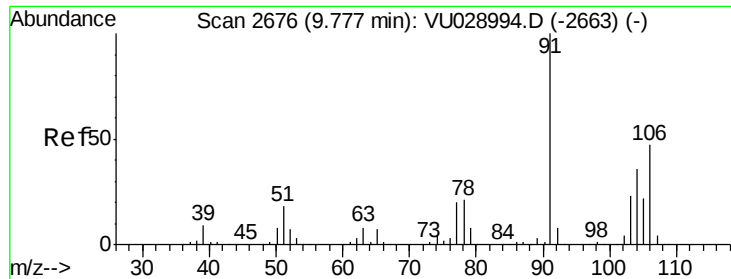
Tgt Ion: 91 Resp: 1204278
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.0 37.4



#68
 m/p-Xylenes
 Concen: 303.768 ug/l
 RT: 9.37 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion: 106 Resp: 935293
 Ion Ratio Lower Upper
 106 100
 91 200.9 161.7 242.5

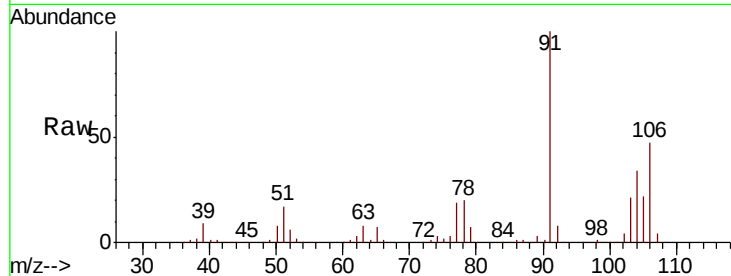




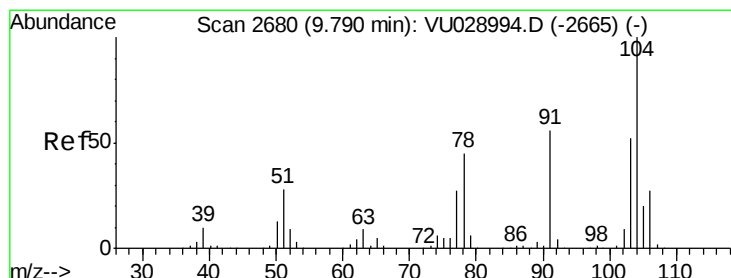
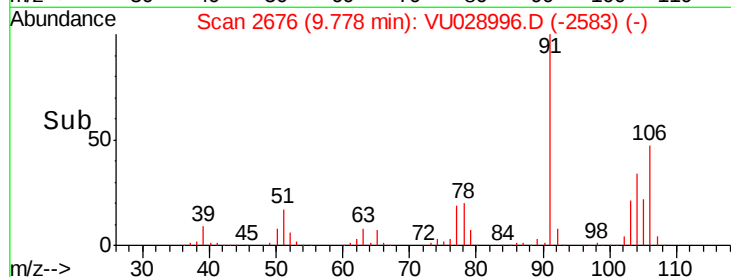
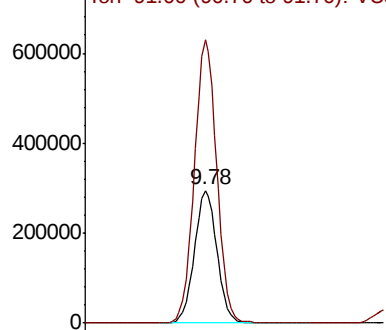
#69
o-Xylene
Concen: 155.157 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 460305
Ion Ratio Lower Upper
106 100
91 212.3 106.1 318.3

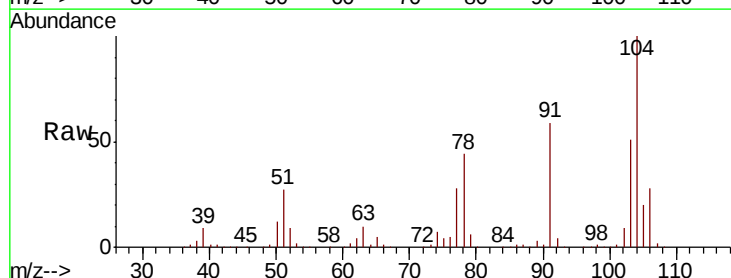


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

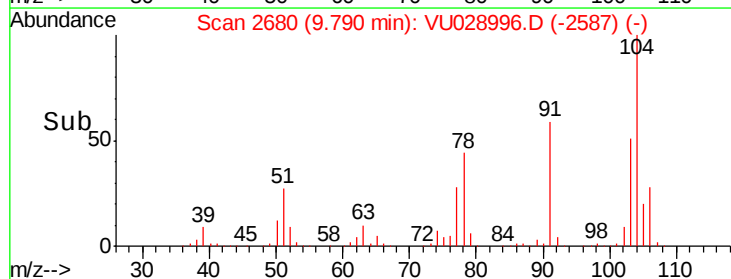
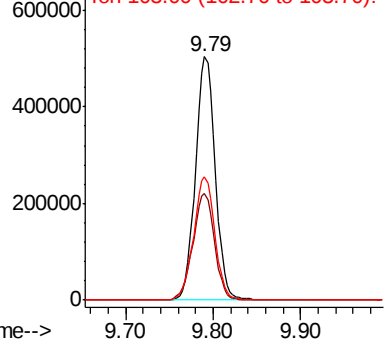


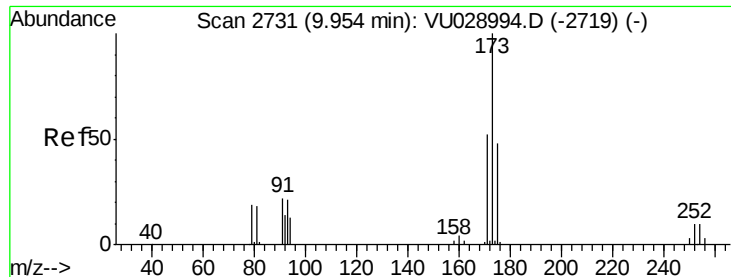
#70
Styrene
Concen: 162.654 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion:104 Resp: 791054
Ion Ratio Lower Upper
104 100
78 47.6 38.6 58.0
103 54.3 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 166.600 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

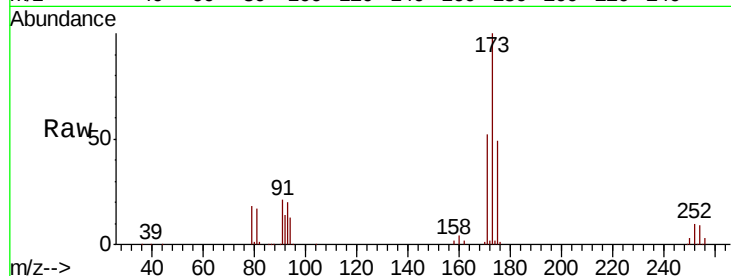
Tgt Ion:173 Resp: 228490

Ion Ratio Lower Upper

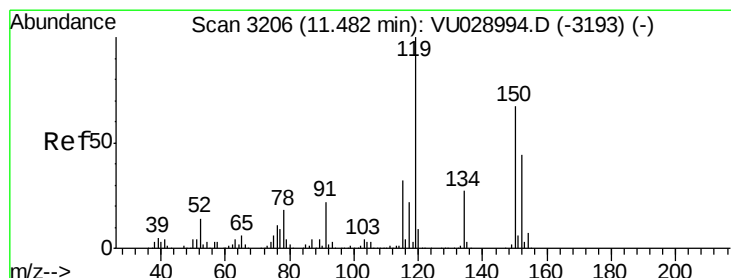
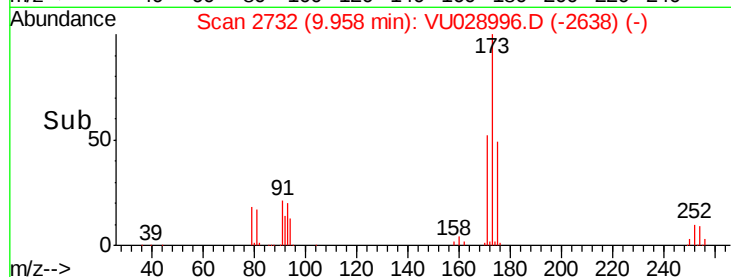
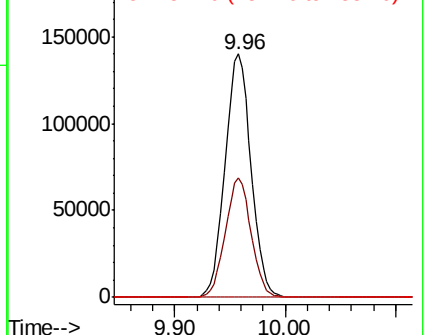
173 100

175 48.7 23.8 71.2

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

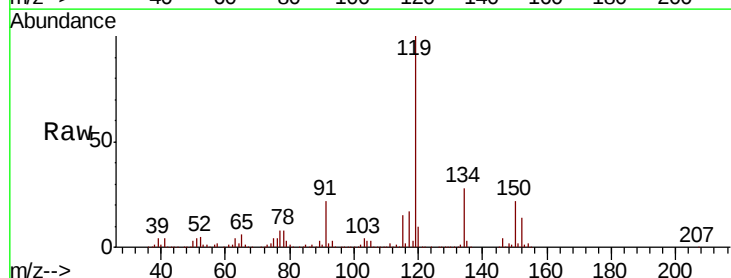
Tgt Ion:152 Resp: 114778

Ion Ratio Lower Upper

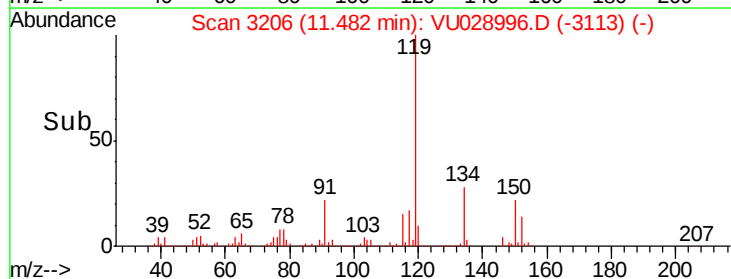
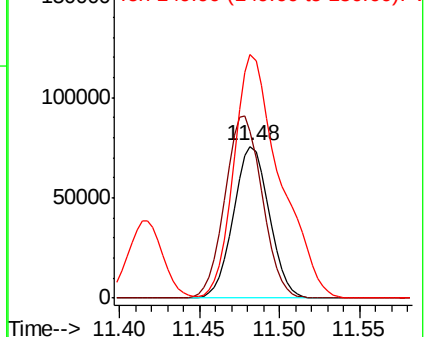
152 100

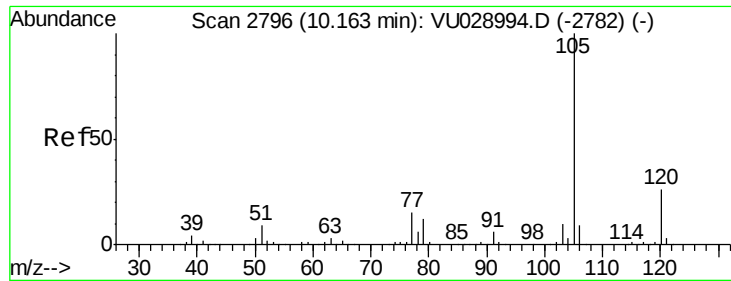
115 126.2 40.1 120.3#

150 209.3 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 141.761 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

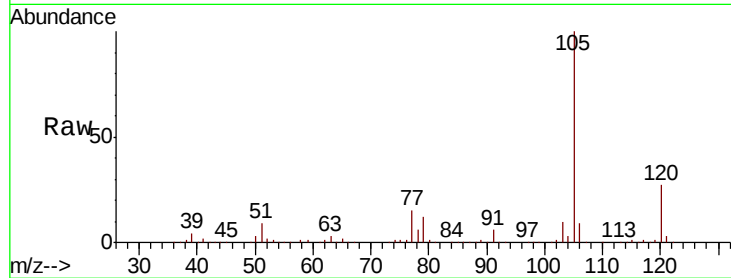
VSTDIC150

Tgt Ion:105 Resp: 1204344

Ion Ratio Lower Upper

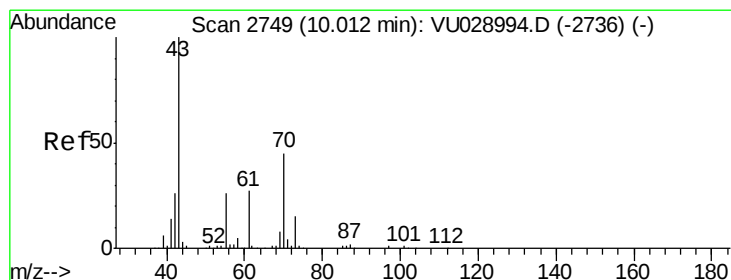
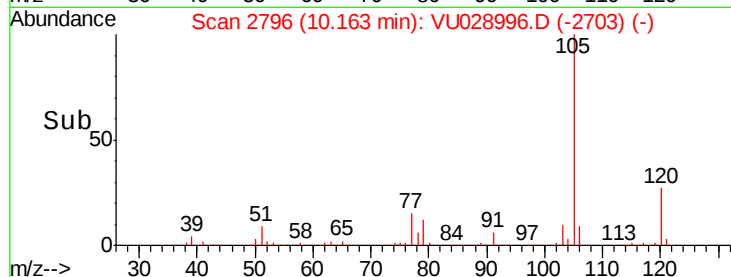
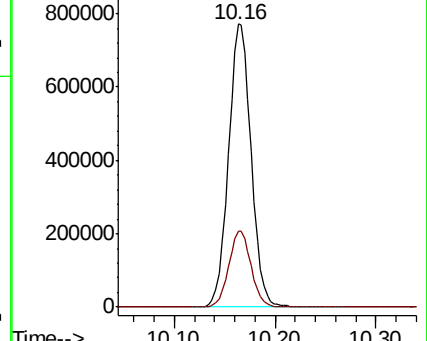
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 150.869 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Tgt Ion: 43 Resp: 552310

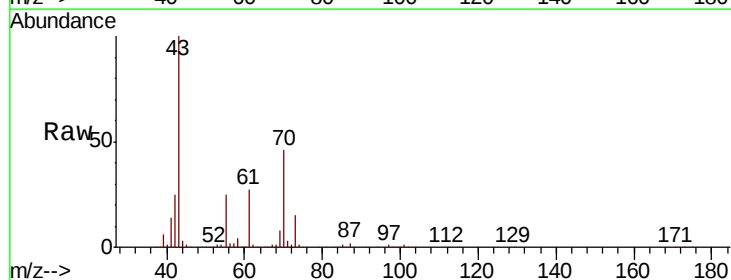
Ion Ratio Lower Upper

43 100

70 45.9 36.3 54.5

55 25.2 20.5 30.7

61 27.0 21.8 32.8

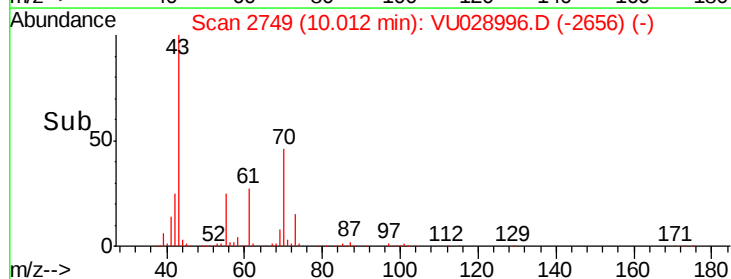
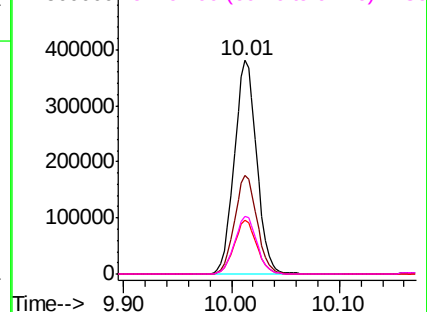


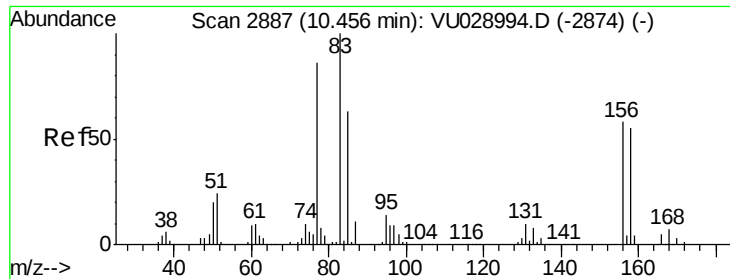
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 140.267 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

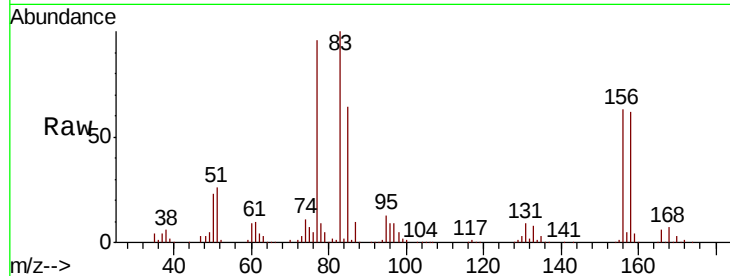
Tgt Ion: 83 Resp: 477594

Ion Ratio Lower Upper

83 100

131 8.9 4.7 14.1

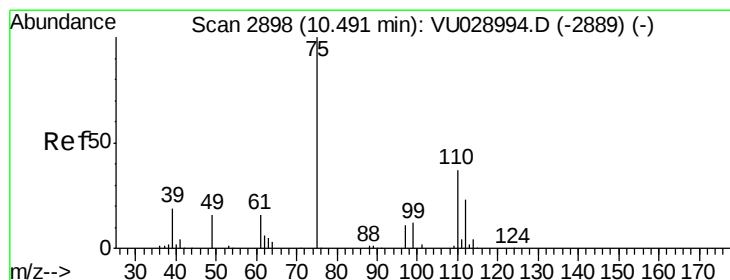
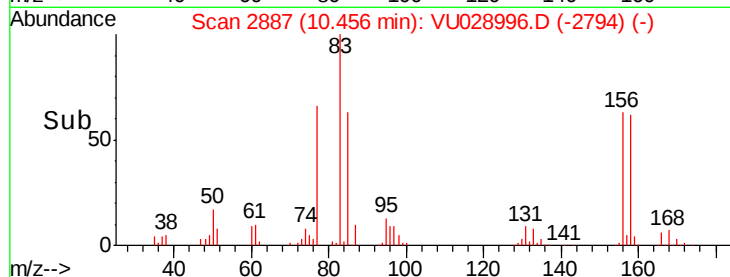
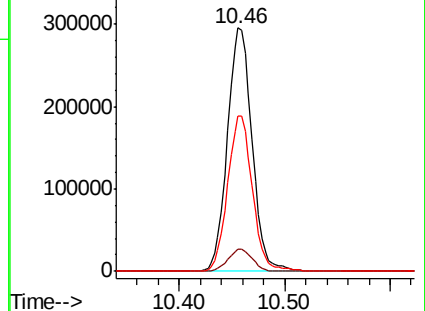
85 64.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU028996.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU028996.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU028996.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 191.499 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU028996.D

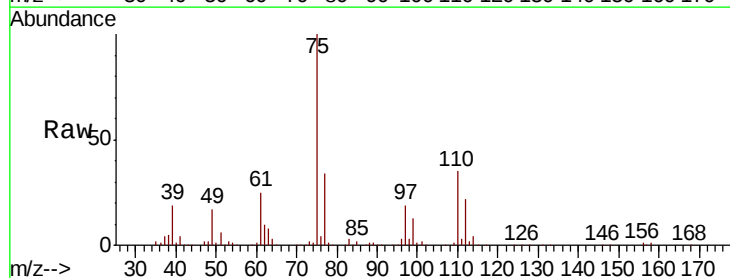
Acq: 03 Jan 2019 14:42

Tgt Ion: 75 Resp: 557843

Ion Ratio Lower Upper

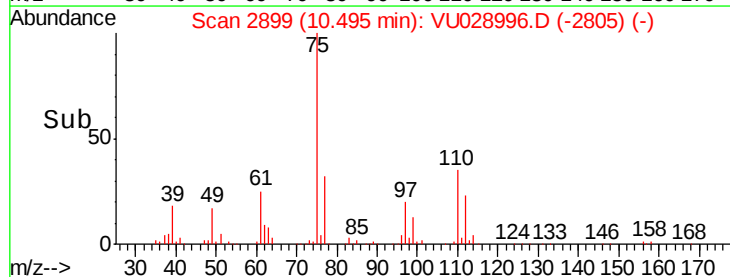
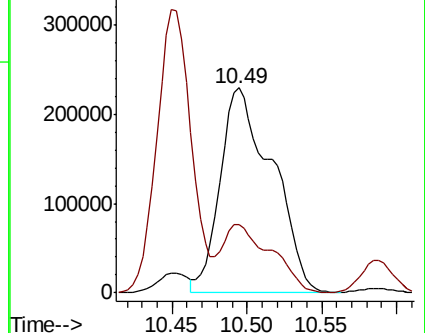
75 100

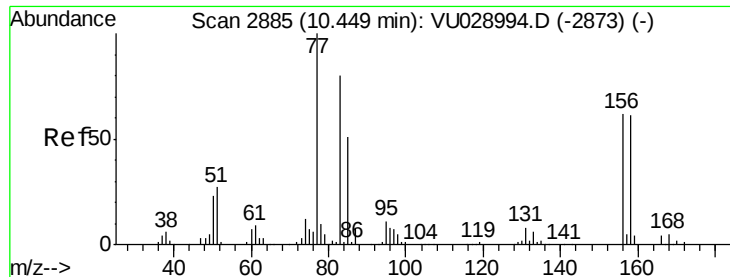
77 30.9 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU028996.D (-2805) (-)

Ion 77.00 (76.70 to 77.70): VU028996.D (-2805) (-)





#77

Bromobenzene

Concen: 143.810 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

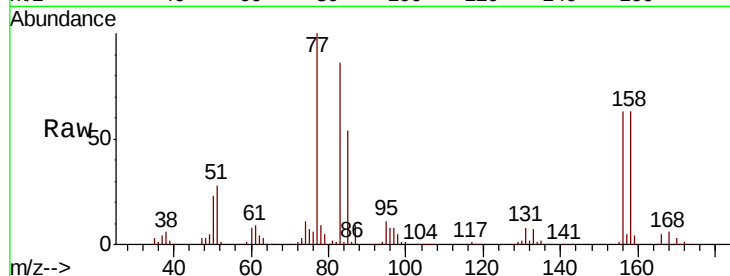
Tgt Ion:156 Resp: 318387

Ion Ratio Lower Upper

156 100

77 160.2 79.0 237.2

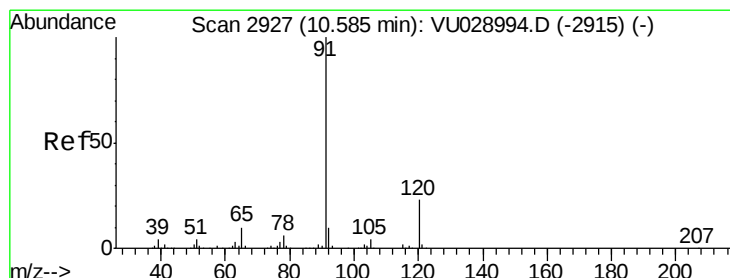
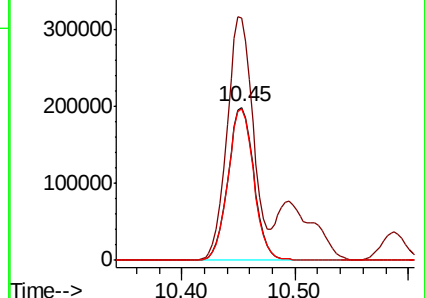
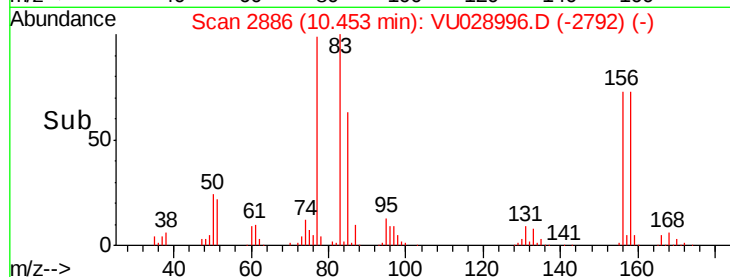
158 98.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 147.125 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028996.D

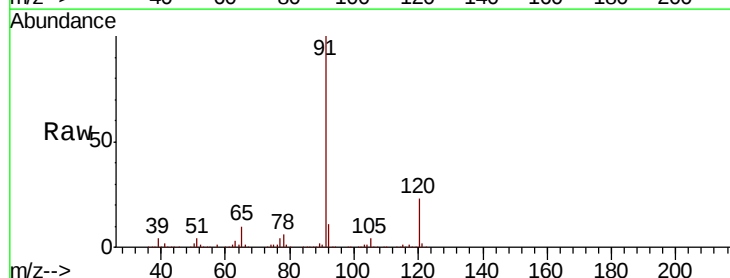
Acq: 03 Jan 2019 14:42

Tgt Ion: 91 Resp: 1472999

Ion Ratio Lower Upper

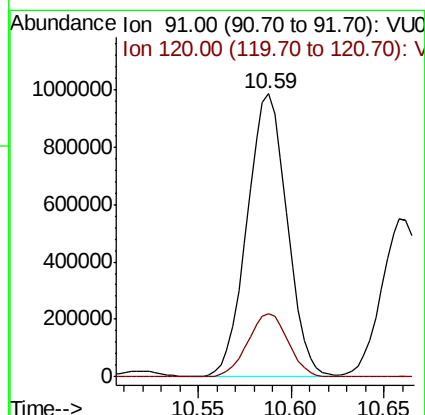
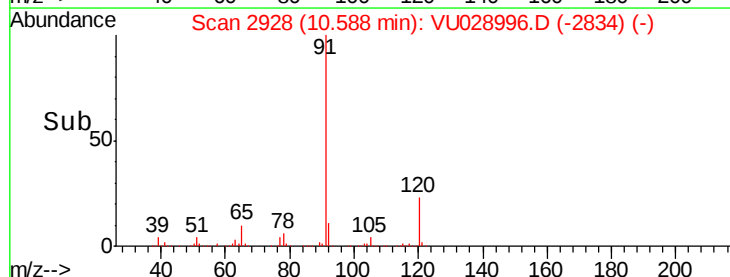
91 100

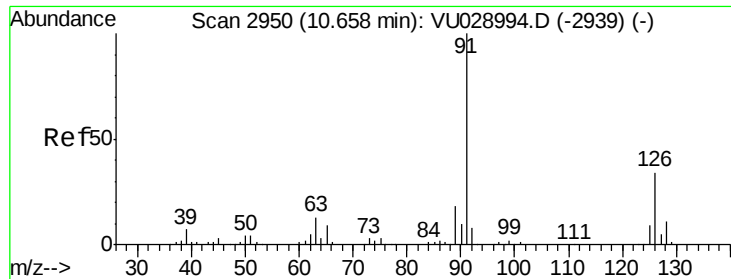
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

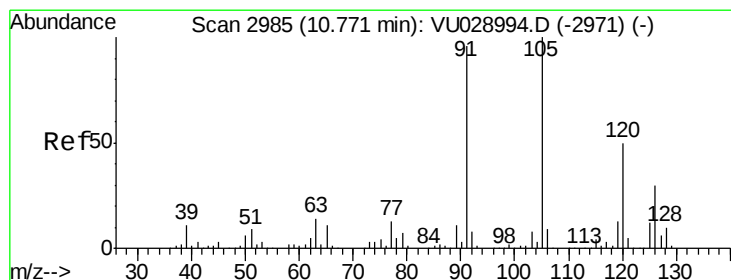
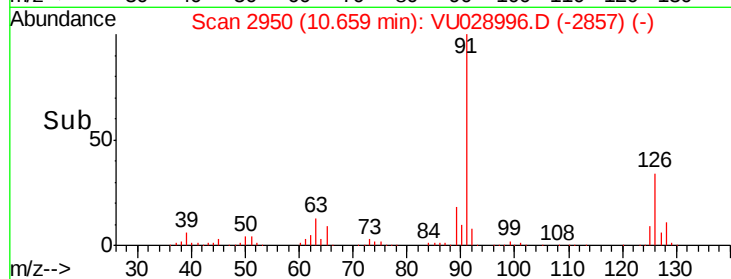
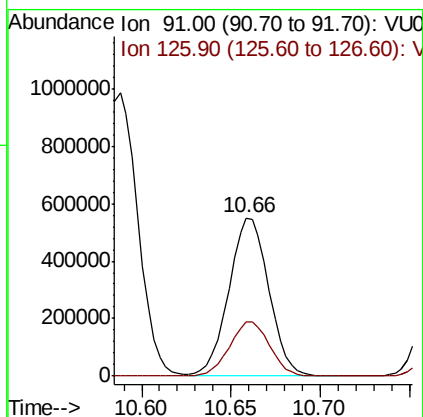
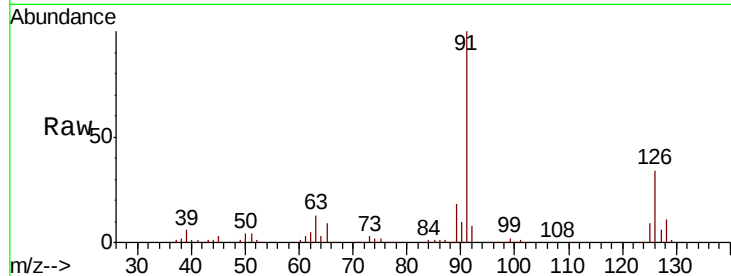




#79
 2-Chlorotoluene
 Concen: 140.079 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

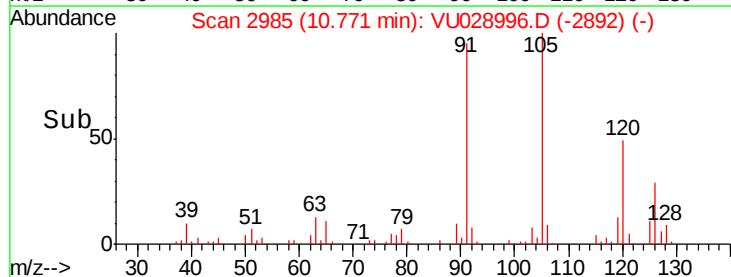
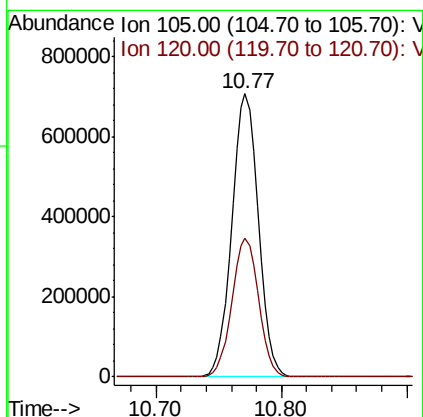
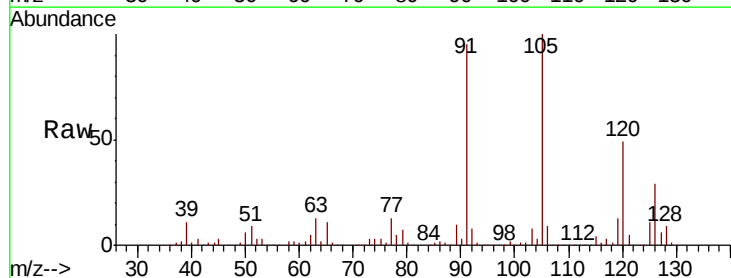
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

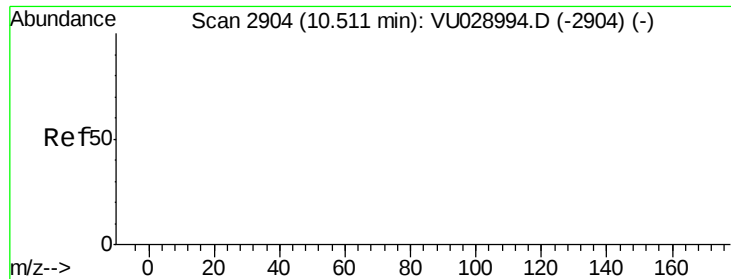
Tgt Ion: 91 Resp: 850748
 Ion Ratio Lower Upper
 91 100
 126 34.6 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 146.261 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion: 105 Resp: 1037648
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 401.760 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

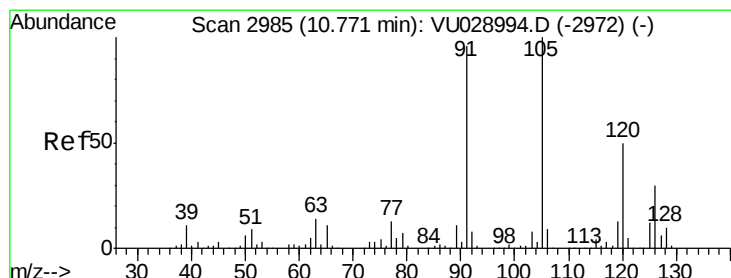
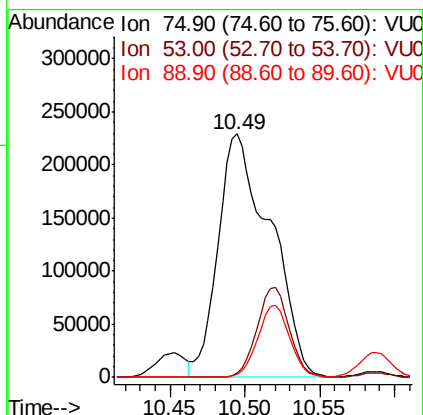
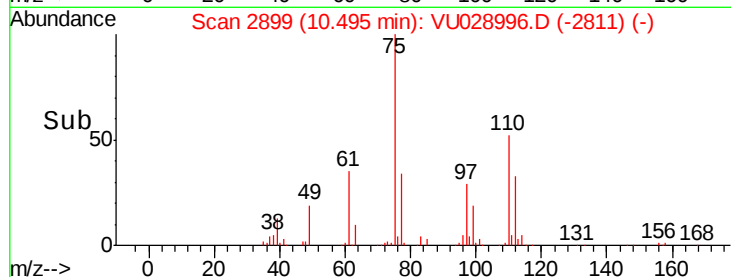
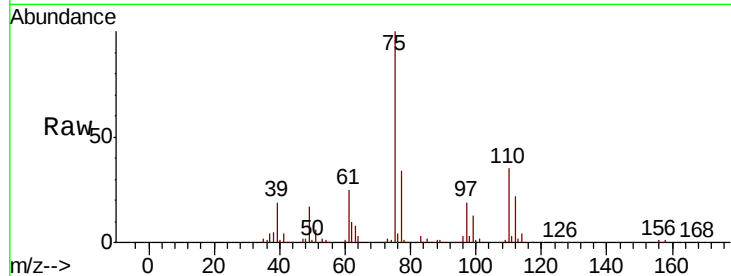
Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 557843

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 146.327 ug/l

RT: 10.77 min Scan# 2985

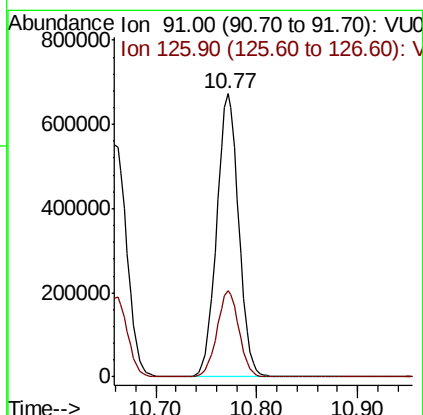
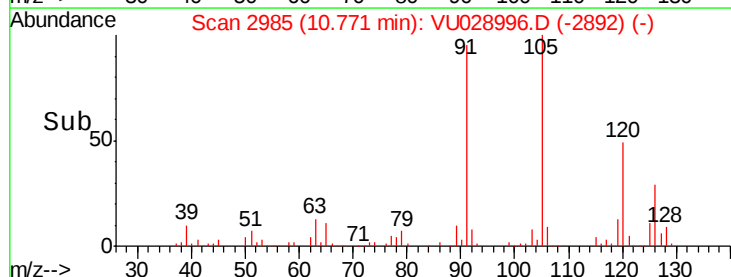
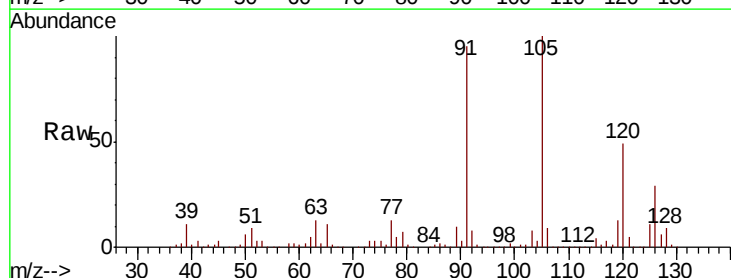
Delta R.T. 0.00 min

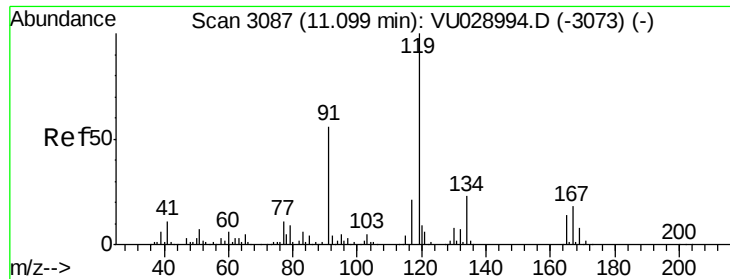
Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Tgt Ion: 91 Resp: 1019030

Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.5	46.5

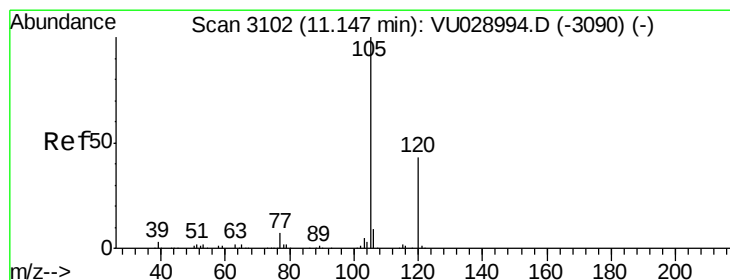
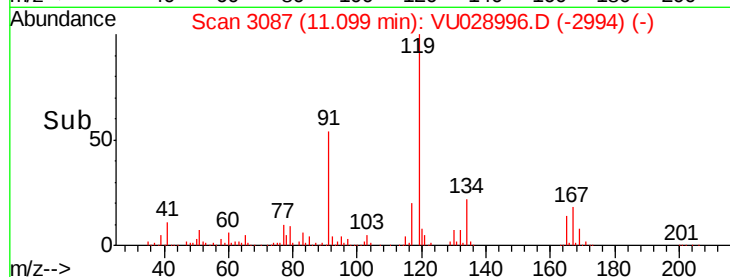
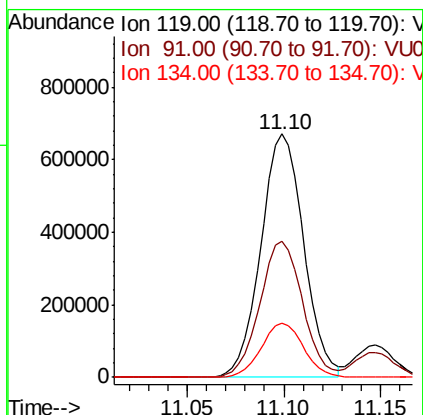
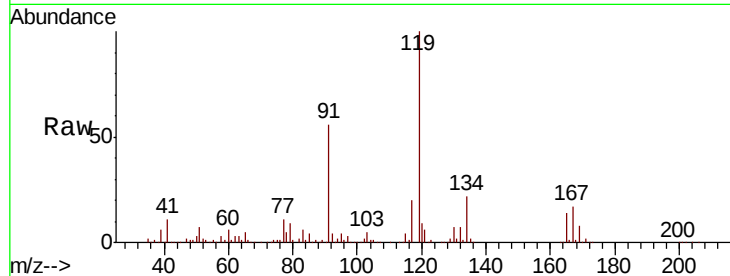




#83
tert-Butylbenzene
Concen: 148.157 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

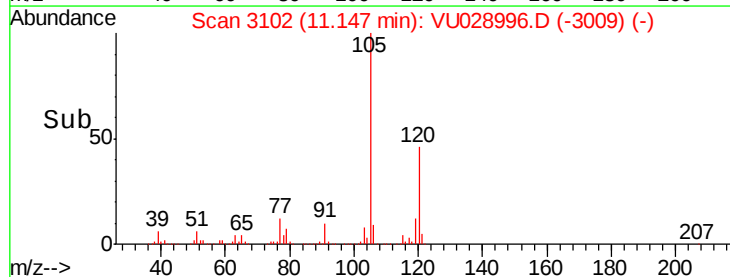
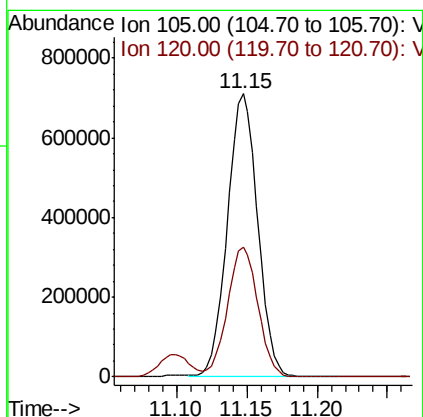
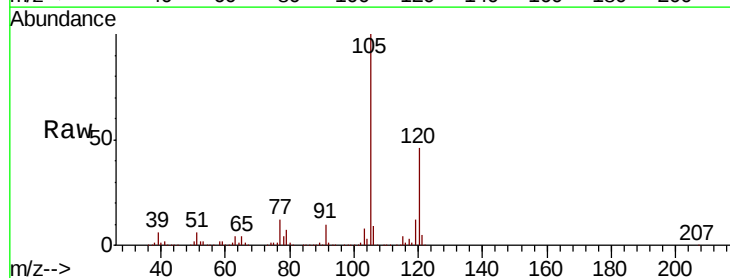
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

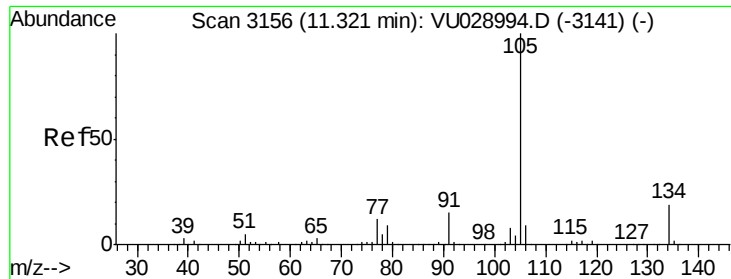
Tgt Ion:119 Resp: 1035989
Ion Ratio Lower Upper
119 100
91 55.9 28.2 84.6
134 22.2 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 150.551 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion:105 Resp: 1066367
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.3

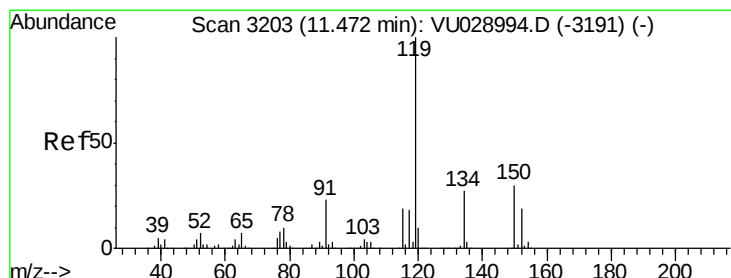
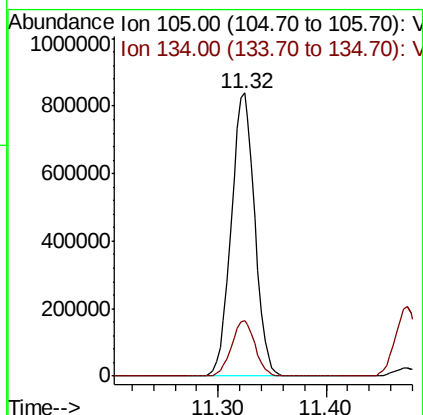
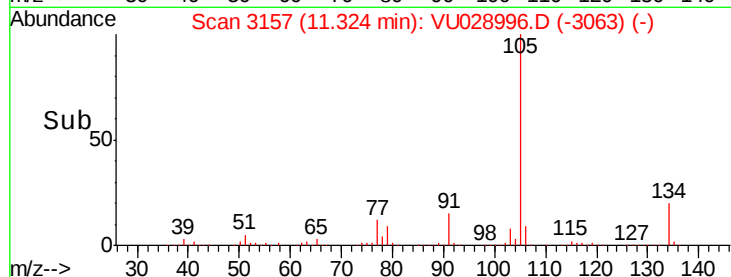
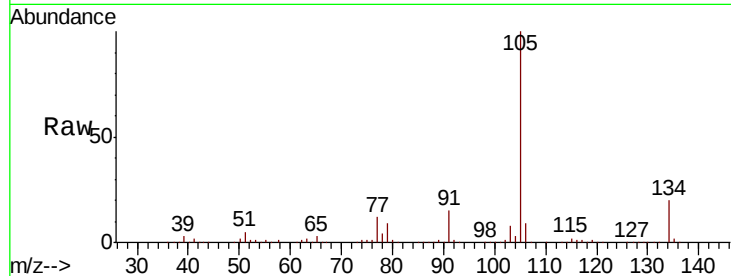




#85
 sec-Butylbenzene
 Concen: 150.321 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

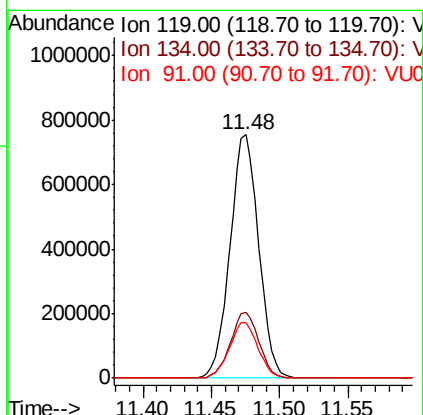
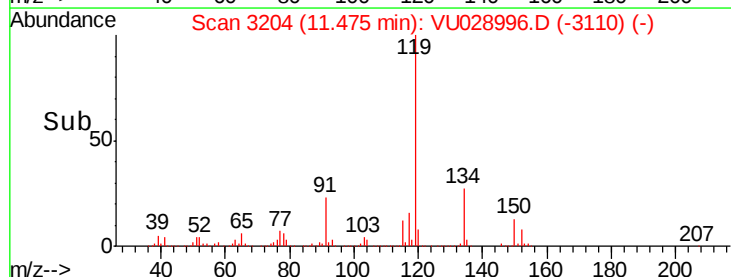
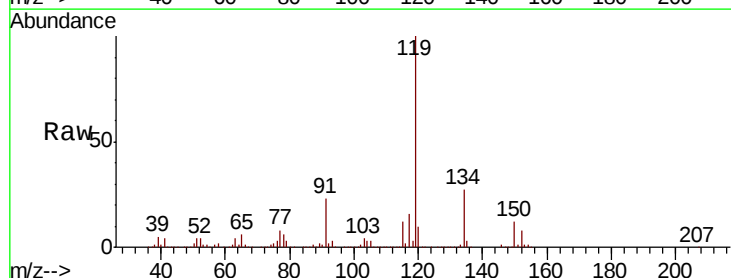
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

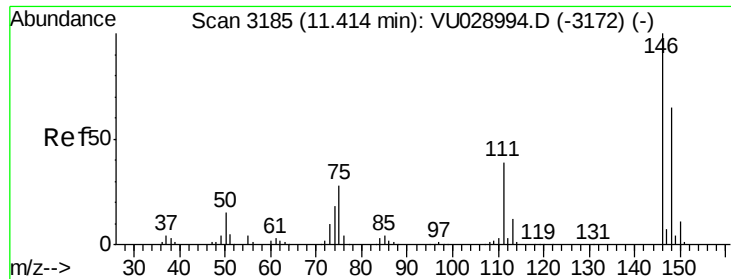
Tgt Ion:105 Resp: 1271224
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 152.217 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion:119 Resp: 1096900
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 145.002 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

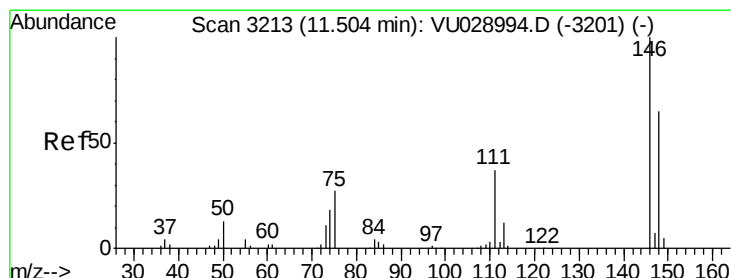
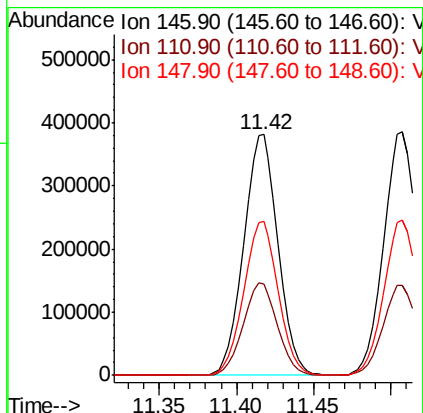
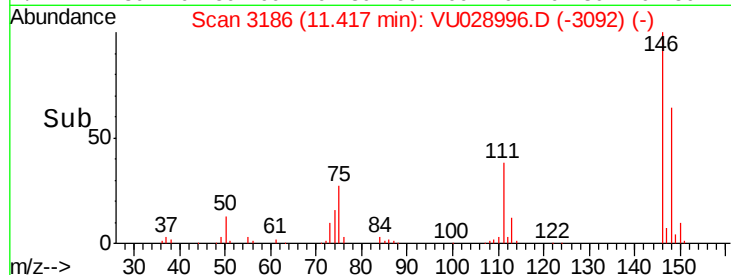
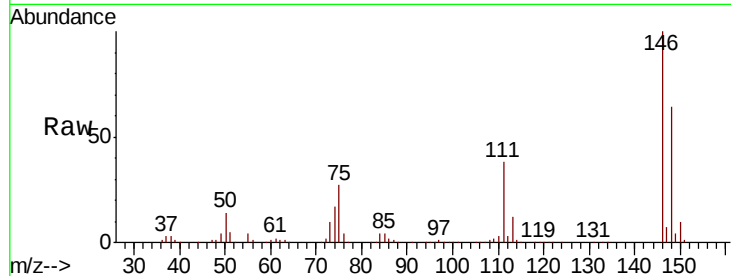
Tgt Ion:146 Resp: 588835

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

148 63.9 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 140.907 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

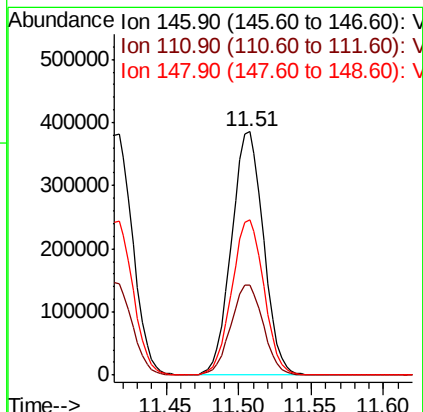
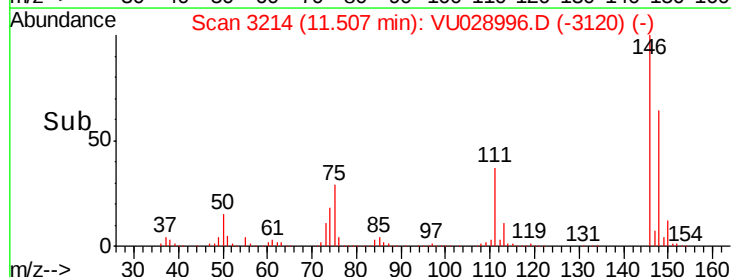
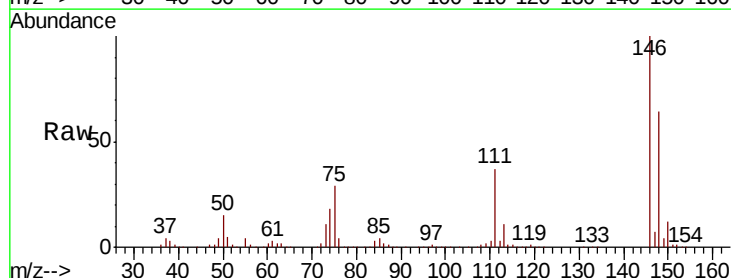
Tgt Ion:146 Resp: 590645

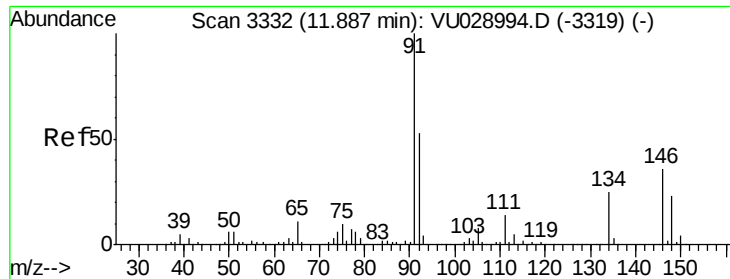
Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.3

148 64.2 32.6 98.0

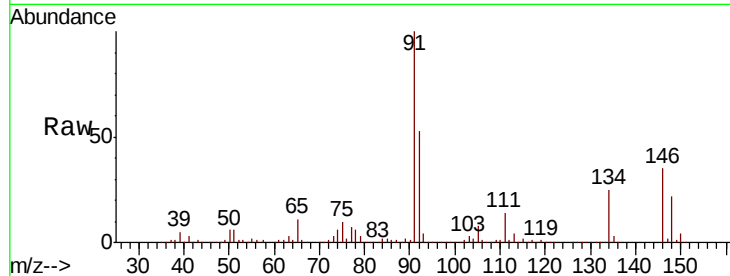




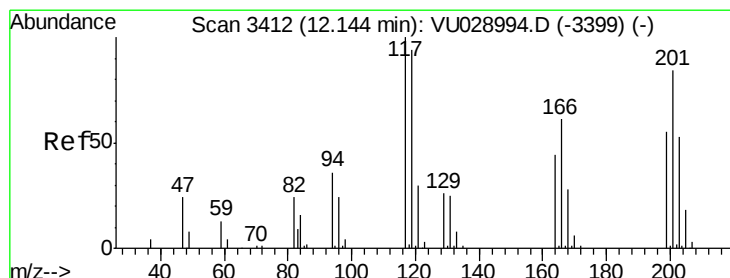
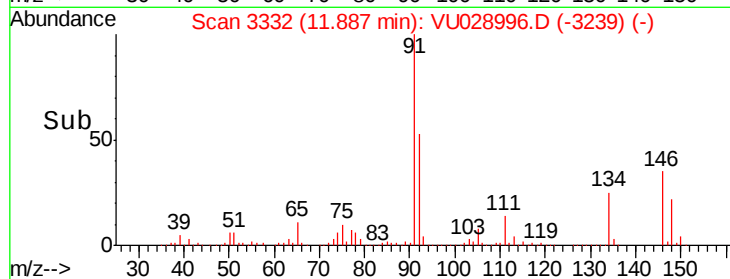
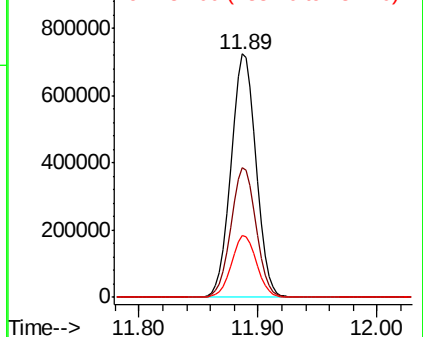
#89
n-Butylbenzene
Concen: 163.750 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1053196
Ion Ratio Lower Upper
91 100
92 53.3 26.2 78.5
134 25.5 12.6 37.6

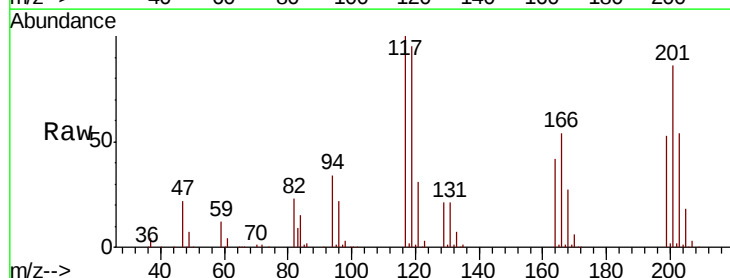


Abundance Ion 91.00 (90.70 to 91.70): VU028996.D (-3319) (-)
Ion 92.00 (91.70 to 92.70): VU028996.D (-3319) (-)
Ion 134.00 (133.70 to 134.70): VU028996.D (-3319) (-)

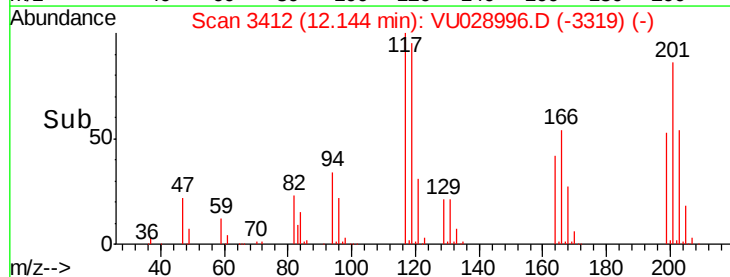
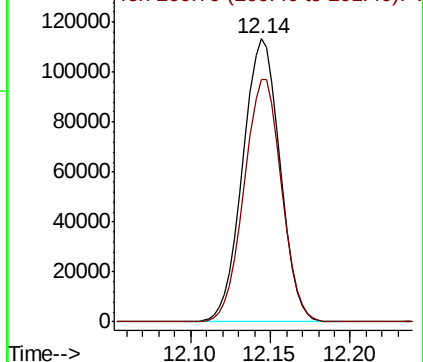


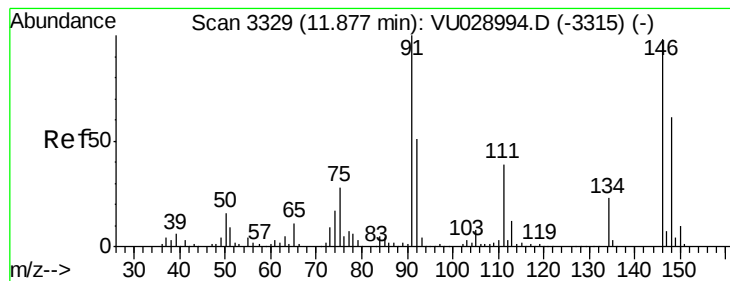
#90
Hexachloroethane
Concen: 148.321 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU028996.D
Acq: 03 Jan 2019 14:42

Tgt Ion: 117 Resp: 179807
Ion Ratio Lower Upper
117 100
201 86.2 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VU028996.D (-3399) (-)
Ion 200.70 (200.40 to 201.40): VU028996.D (-3399) (-)





#91

1,2-Dichlorobenzene

Concen: 143.888 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

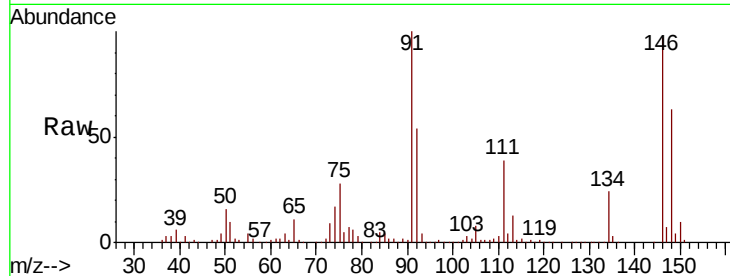
Tgt Ion:146 Resp: 588532

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

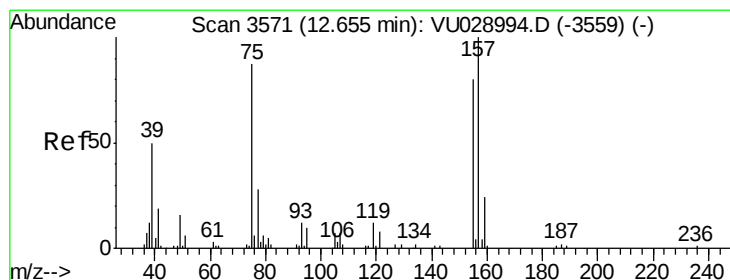
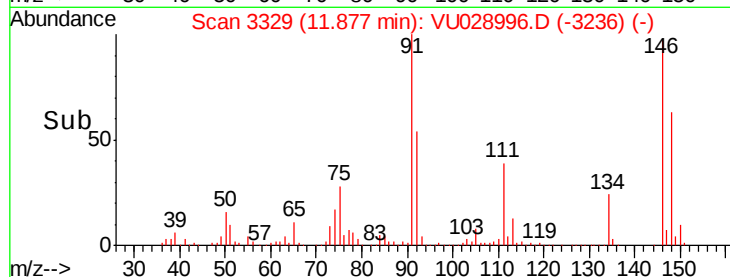
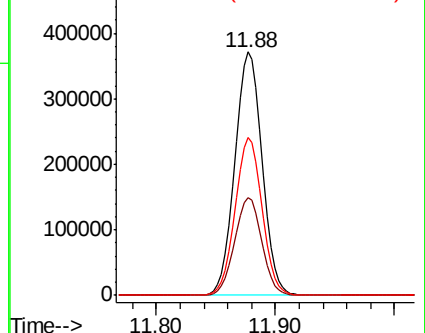
148 63.9 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 151.604 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

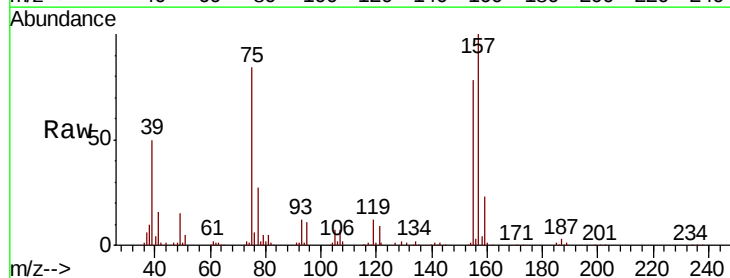
Tgt Ion: 75 Resp: 99283

Ion Ratio Lower Upper

75 100

155 92.8 46.3 138.8

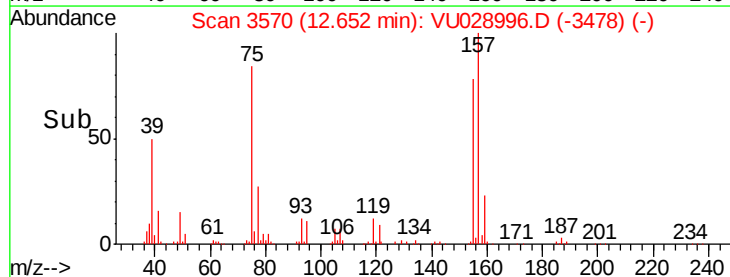
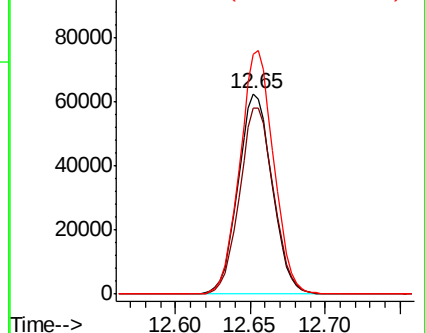
157 120.6 57.4 172.0

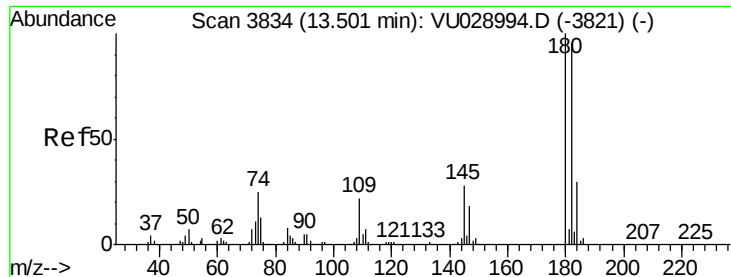


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

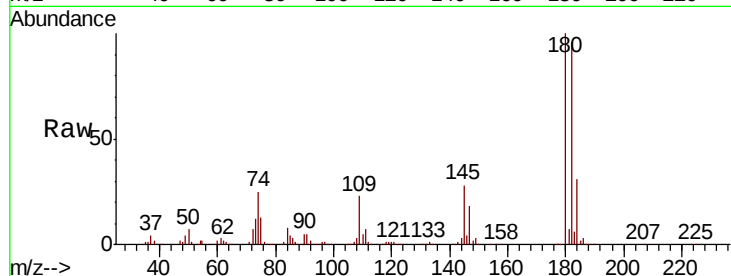




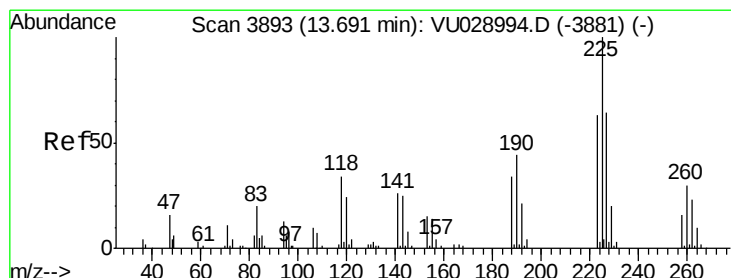
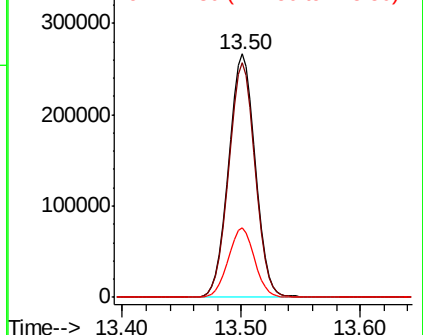
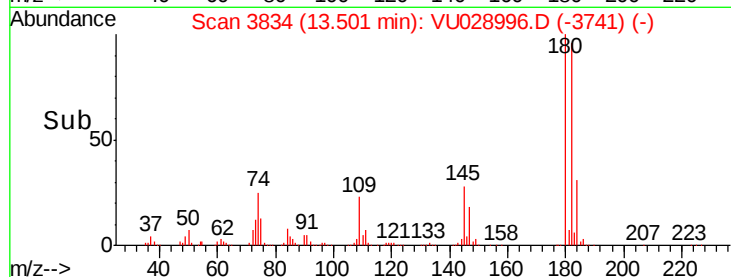
#93
 1,2,4-Trichlorobenzene
 Concen: 158.191 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 413036
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.6
 145 28.2 14.0 42.0

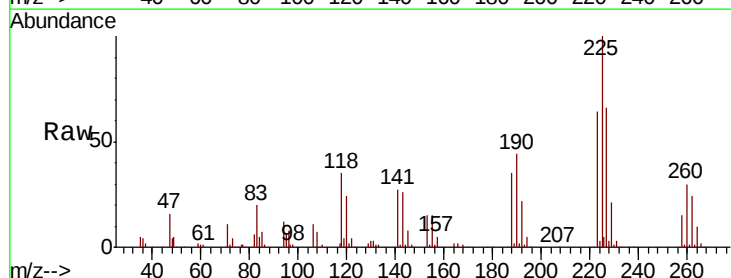


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

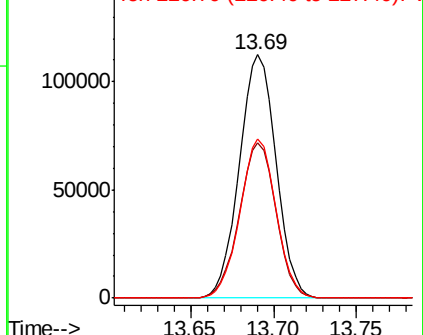
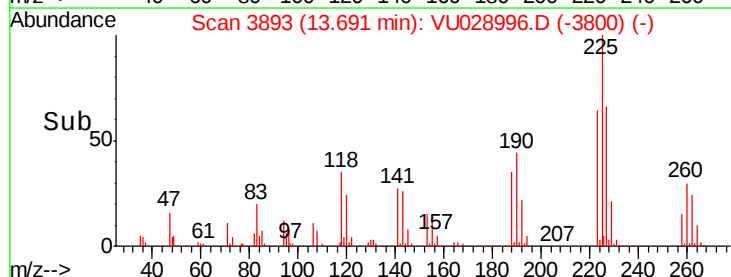


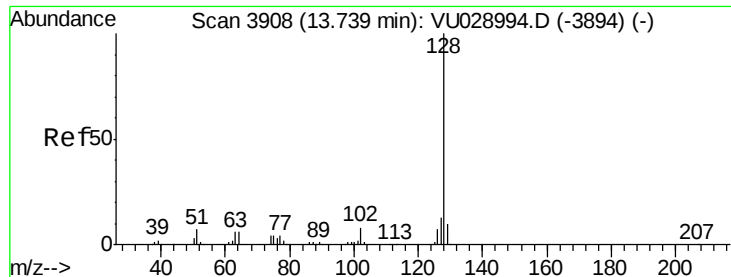
#94
 Hexachlorobutadiene
 Concen: 144.999 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028996.D
 Acq: 03 Jan 2019 14:42

Tgt Ion:225 Resp: 173166
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.4 94.0
 227 64.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 153.208 ug/l

RT: 13.74 min Scan# 3908

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

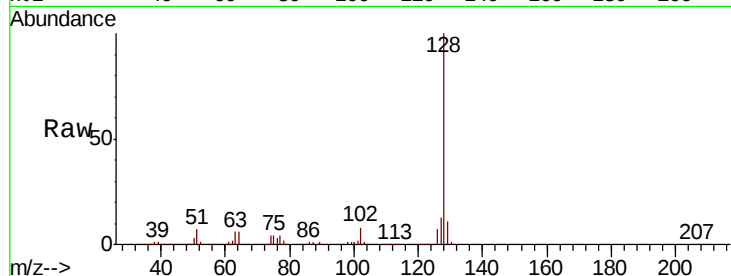
Tgt Ion:128 Resp: 1360800

Ion Ratio Lower Upper

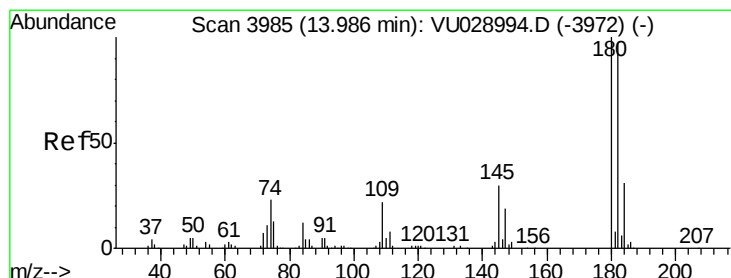
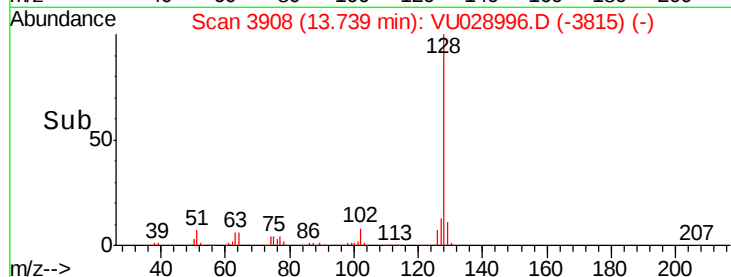
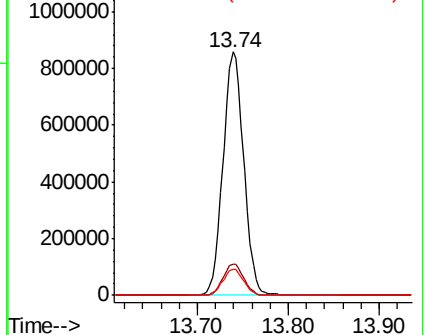
128 100

127 12.9 10.1 15.1

129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 147.711 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU028996.D

Acq: 03 Jan 2019 14:42

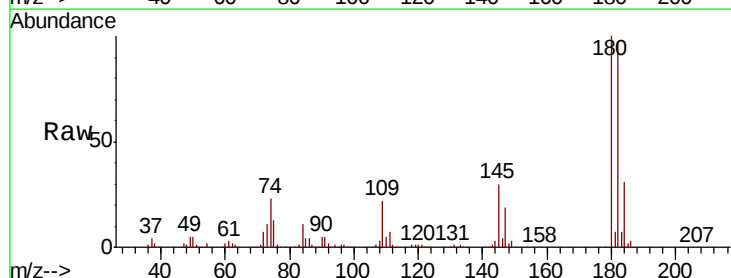
Tgt Ion:180 Resp: 410066

Ion Ratio Lower Upper

180 100

182 96.0 48.1 144.3

145 29.7 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

