

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU028994.D
 Acq On : 03 Jan 2019 13:54
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 04 00:44:51 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	127112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	211944	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	197665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100487	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	79451	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	4.88	113	68149	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	7.56	98	269825	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	10.30	95	95317	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	62700	49.739	ug/l	100
3) Chloromethane	1.33	50	100571	44.581	ug/l	100
4) Vinyl Chloride	1.40	62	92083	49.569	ug/l	100
5) Bromomethane	1.60	94	51605	46.399	ug/l	100
6) Chloroethane	1.68	64	53997	48.799	ug/l	100
7) Trichlorofluoromethane	1.88	101	99629	49.218	ug/l	100
8) Diethyl Ether	2.10	74	49023	50.409	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	60550	44.706	ug/l	100
10) Methyl Iodide	2.40	142	62492	49.070	ug/l	100
11) Tert butyl alcohol	2.83	59	96167	240.770	ug/l	100
12) 1,1-Dichloroethene	2.28	96	60204	45.667	ug/l	100
13) Acrolein	2.19	56	72410	241.433	ug/l	100
14) Allyl chloride	2.59	41	125886	52.043	ug/l	100
15) Acrylonitrile	2.93	53	249778	254.901	ug/l	100
16) Acetone	2.32	43	236690	239.107	ug/l	100
17) Carbon Disulfide	2.47	76	218012	44.439	ug/l	100
18) Methyl Acetate	2.61	43	112629	48.934	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	230683	49.771	ug/l	100
20) Methylene Chloride	2.70	84	80995	48.192	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	75083	49.020	ug/l	100
22) Diisopropyl ether	3.57	45	242535	50.732	ug/l	100
23) Vinyl Acetate	3.52	43	1009449	258.288	ug/l	100
24) 1,1-Dichloroethane	3.44	63	138940	50.345	ug/l	100
25) 2-Butanone	4.26	43	343862	257.191	ug/l	100
26) 2,2-Dichloropropane	4.22	77	111557	50.027	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	84468	50.422	ug/l	100
28) Bromochloromethane	4.55	49	60594	51.276	ug/l	100
29) Tetrahydrofuran	4.63	42	207240	255.566	ug/l	100
30) Chloroform	4.67	83	132164	50.279	ug/l	100
31) Cyclohexane	4.99	56	130647	42.777	ug/l	100
32) 1,1,1-Trichloroethane	4.91	97	108798	50.092	ug/l	100
36) 1,1-Dichloropropene	5.13	75	101284	47.810	ug/l	100
37) Ethyl Acetate	4.38	43	116587	48.149	ug/l	100
38) Carbon Tetrachloride	5.13	117	88888	50.307	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	126992	48.761	ug/l	100
40) Benzene	5.39	78	325403	49.243	ug/l	100
41) Methacrylonitrile	4.54	41	63640	51.127	ug/l	100
42) 1,2-Dichloroethane	5.40	62	100791	50.759	ug/l	100
43) Isopropyl Acetate	5.55	43	181850	50.980	ug/l	100
44) Trichloroethene	6.18	130	78954	48.222	ug/l	100
45) 1,2-Dichloropropane	6.43	63	87546	50.168	ug/l	100
46) Dibromomethane	6.56	93	55123	49.413	ug/l	100
47) Bromodichloromethane	6.76	83	101411	49.374	ug/l	100
48) Methyl methacrylate	6.62	41	91871	52.893	ug/l	100
49) 1,4-Dioxane	6.61	88	41687	1012.750	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	615008	253.338	ug/l	100
52) Toluene	7.64	92	198503	49.344	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	121059	49.065	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	132662	49.759	ug/l	100
55) 1,1,2-Trichloroethane	8.06	97	79613	49.400	ug/l	100
56) Ethyl methacrylate	8.02	69	125976	50.738	ug/l	100
57) 1,3-Dichloropropane	8.24	76	137065	49.704	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	281720	258.006	ug/l	100
59) 2-Hexanone	8.36	43	481767	252.817	ug/l	100
60) Dibromochloromethane	8.48	129	79353	49.700	ug/l	100
61) 1,2-Dibromoethane	8.58	107	86466	49.469	ug/l	100
64) Tetrachloroethene	8.22	164	71362	50.118	ug/l	100
65) Chlorobenzene	9.12	112	213173	48.112	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	71594	49.792	ug/l	100
67) Ethyl Benzene	9.25	91	374550	50.633	ug/l	100
68) m/p-Xylenes	9.37	106	286817	99.789	ug/l	100
69) o-Xylene	9.78	106	139844	50.496	ug/l	100
70) Styrene	9.79	104	232943	51.309	ug/l	100
71) Bromoform	9.95	173	65690	51.309	ug/l #	100
73) Isopropylbenzene	10.16	105	364996	49.073	ug/l	100
74) N-amyl acetate	10.01	43	161738	50.464	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	143625	48.181	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	164990	64.694	ug/l	83
77) Bromobenzene	10.45	156	93703	48.343	ug/l	100
78) n-propylbenzene	10.58	91	438031	49.973	ug/l	100
79) 2-Chlorotoluene	10.66	91	257898	48.503	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	305758	49.227	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	164990	135.725	ug/l #	100
82) 4-Chlorotoluene	10.77	91	295660	48.493	ug/l	100
83) tert-Butylbenzene	11.10	119	298176	48.707	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	313119	50.493	ug/l	100
85) sec-Butylbenzene	11.32	105	368060	49.712	ug/l	100
86) p-Isopropyltoluene	11.47	119	317896	50.388	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	170308	47.903	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	169822	46.275	ug/l	100
89) n-Butylbenzene	11.89	91	289597	51.430	ug/l	100
90) Hexachloroethane	12.14	117	50692	47.762	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	171962	48.021	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	29626	51.672	ug/l	100

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Response via : Initial Calibration

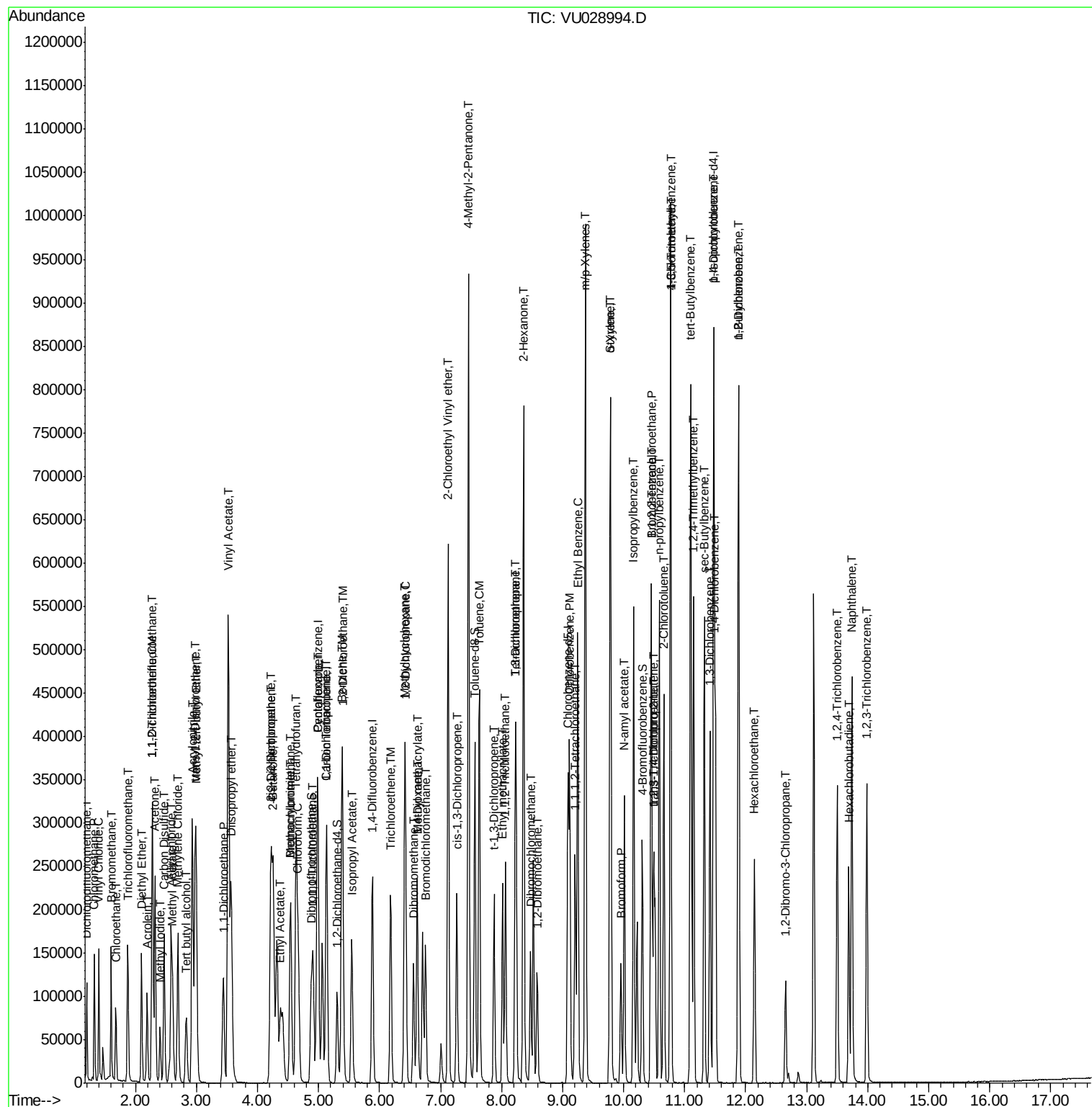
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	113679	49.731	ug/l	100
94) Hexachlorobutadiene	13.69	225	49515	47.358	ug/l	100
95) Naphthalene	13.74	128	383582	49.328	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	115521	47.530	ug/l	100

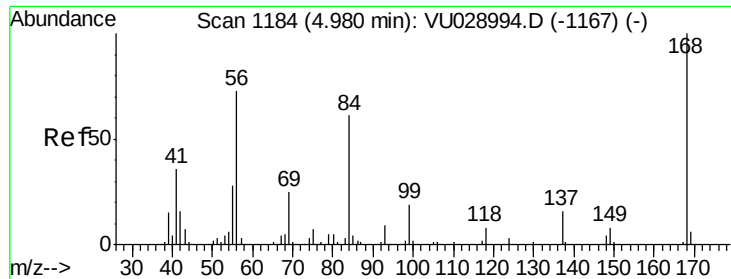
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
Data File : VU028994.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

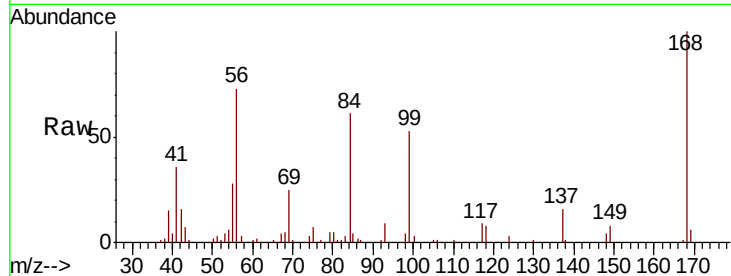
VSTDICCC050

Tgt Ion:168 Resp: 127112

Ion Ratio Lower Upper

168 100

99 52.5 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) (-)

4.98

60000

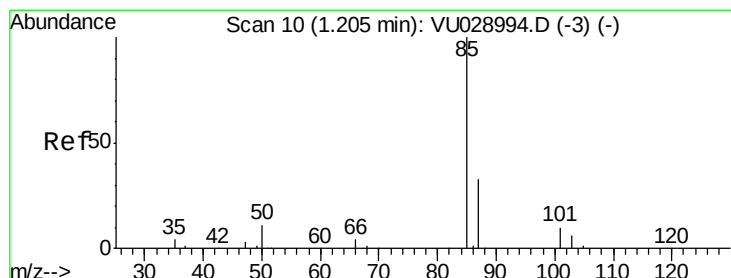
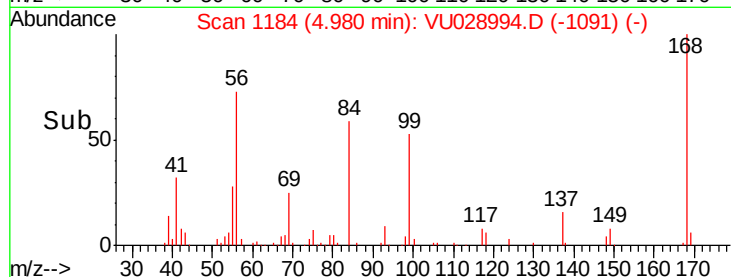
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.739 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028994.D

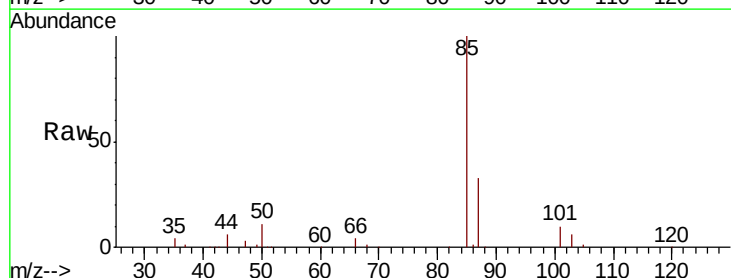
Acq: 03 Jan 2019 13:54

Tgt Ion: 85 Resp: 62700

Ion Ratio Lower Upper

85 100

87 32.5 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) (-)

1.21

60000

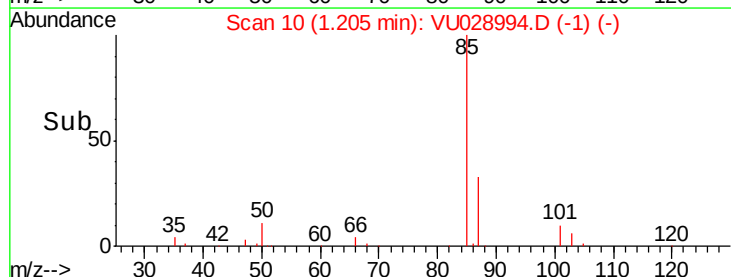
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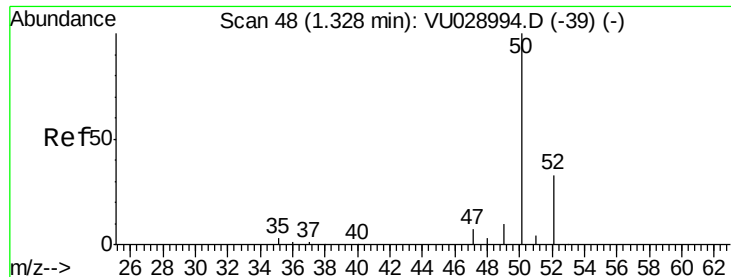
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 44.581 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

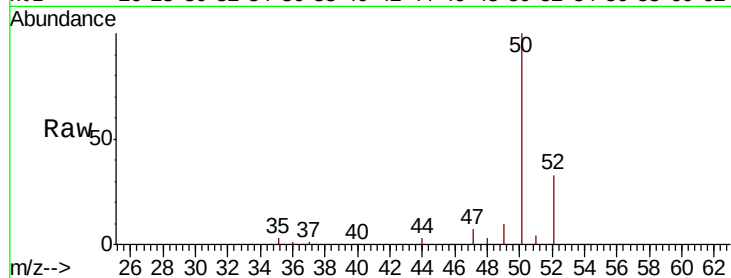
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 100571

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

100000

80000

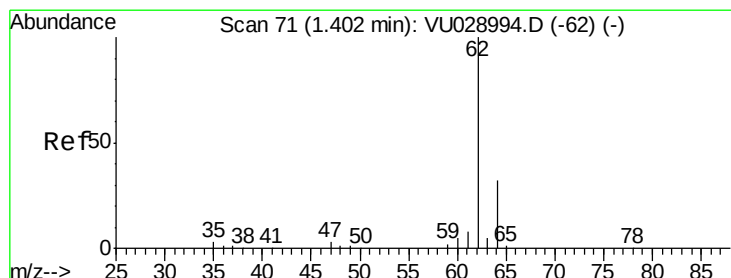
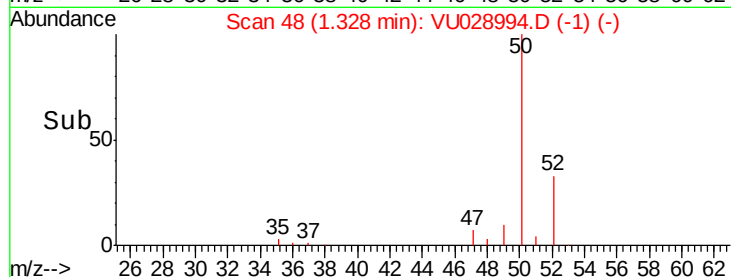
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 49.569 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028994.D

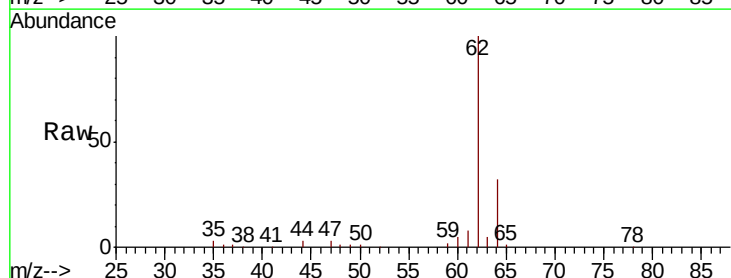
Acq: 03 Jan 2019 13:54

Tgt Ion: 62 Resp: 92083

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

100000

80000

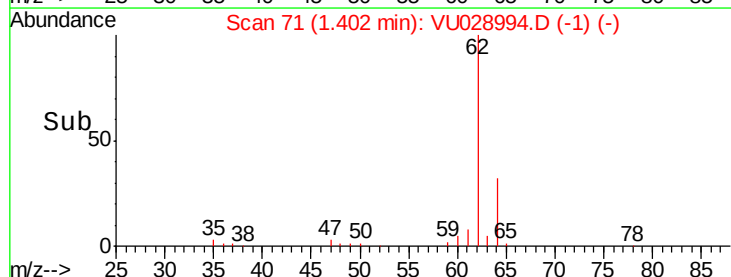
60000

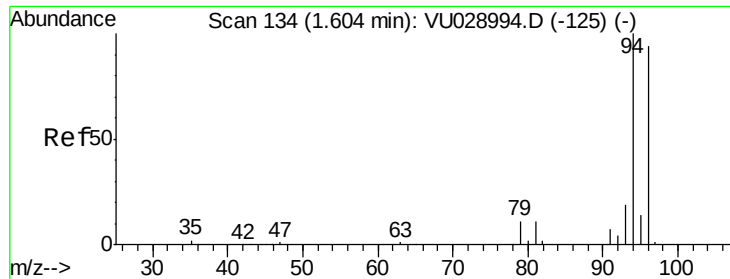
40000

20000

0

Time-->

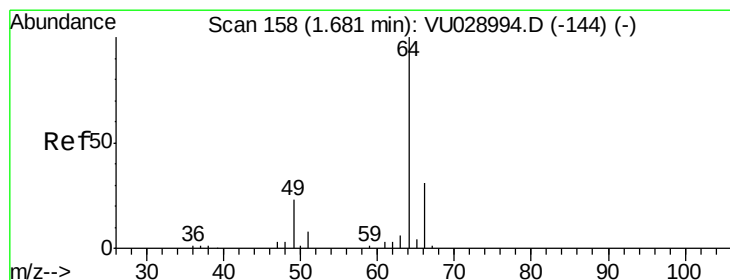
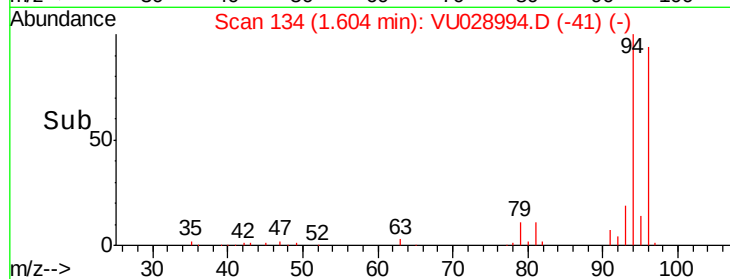
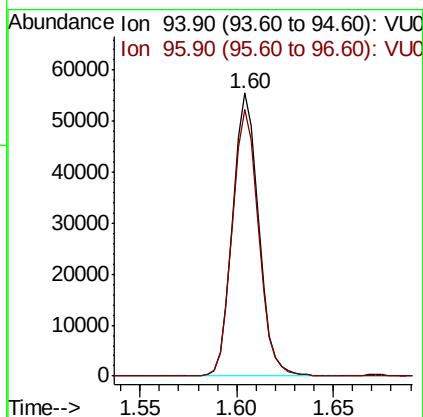
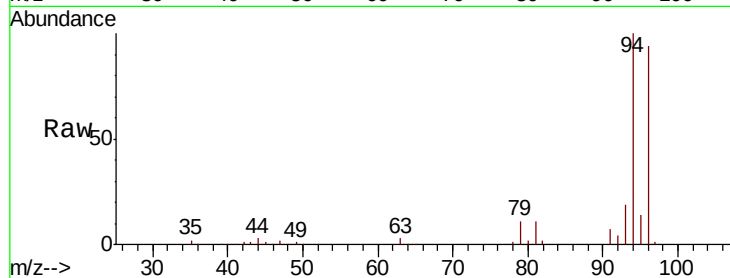




#5
Bromomethane
Concen: 46.399 ug/l
RT: 1.60 min Scan# 134
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

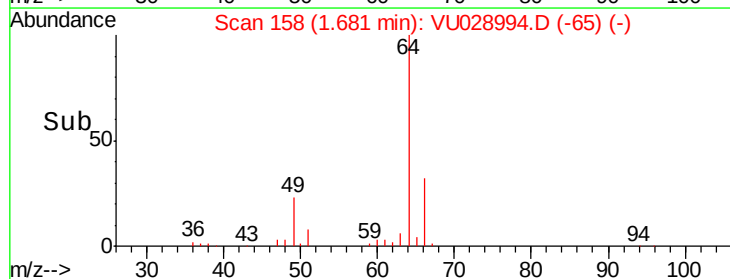
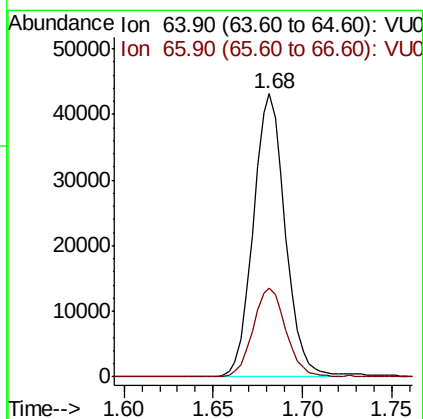
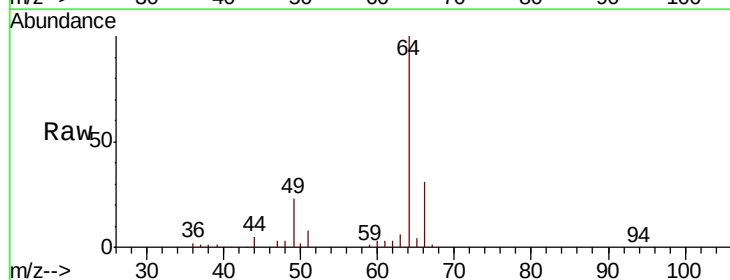
Instrument :
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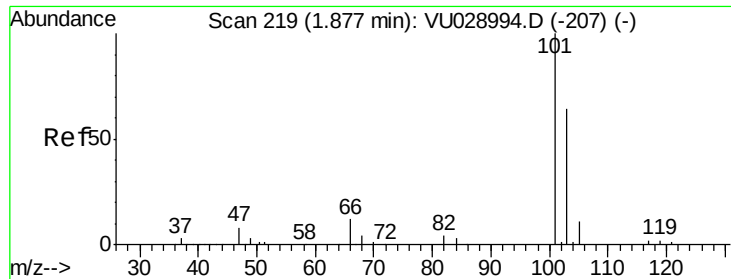
Tgt Ion: 94 Resp: 51605
Ion Ratio Lower Upper
94 100
96 94.4 75.5 113.3



#6
Chloroethane
Concen: 48.799 ug/l
RT: 1.68 min Scan# 158
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion: 64 Resp: 53997
Ion Ratio Lower Upper
64 100
66 31.5 25.2 37.8



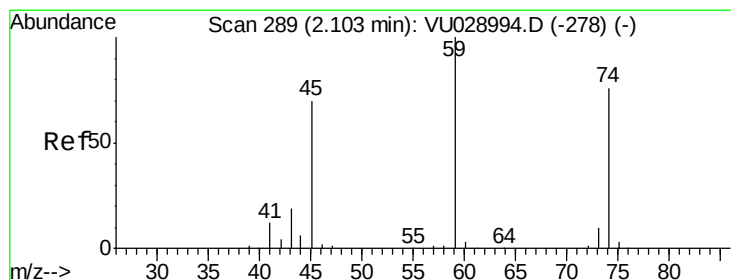
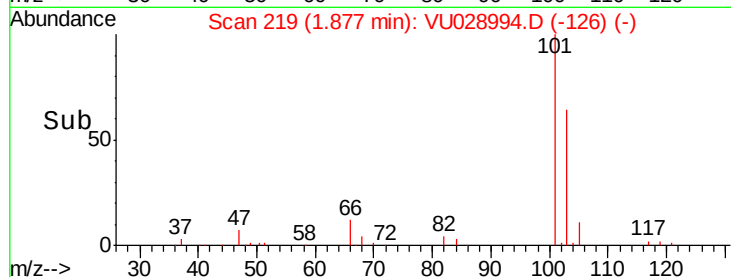
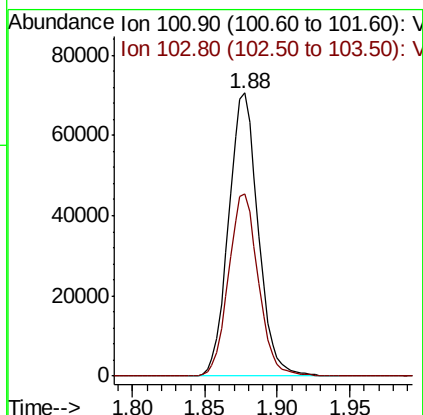
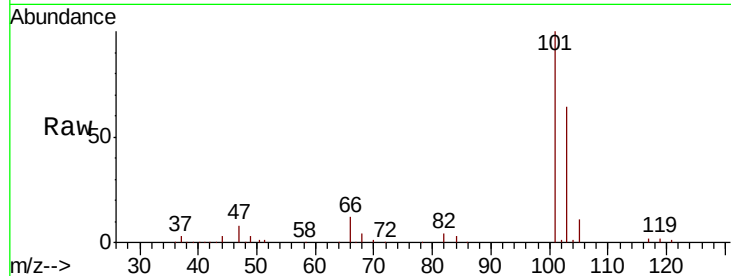


#7

Trichlorofluoromethane
 Concen: 49.218 ug/l
 RT: 1.88 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

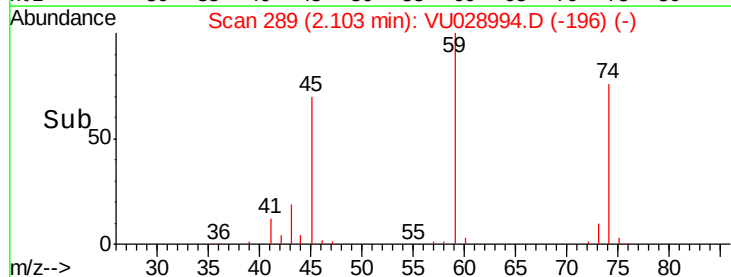
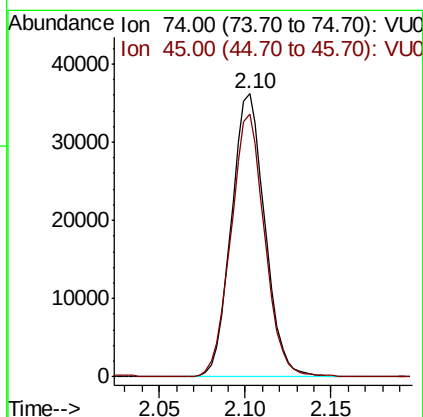
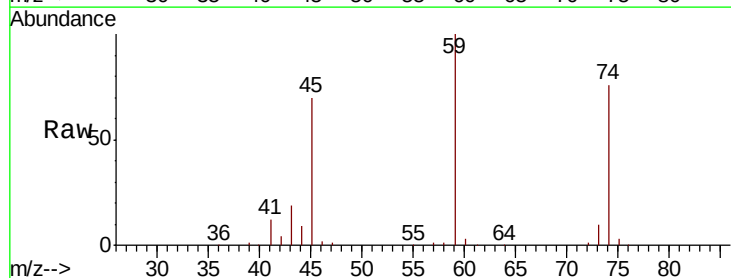
Tgt Ion: 101 Resp: 99629
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

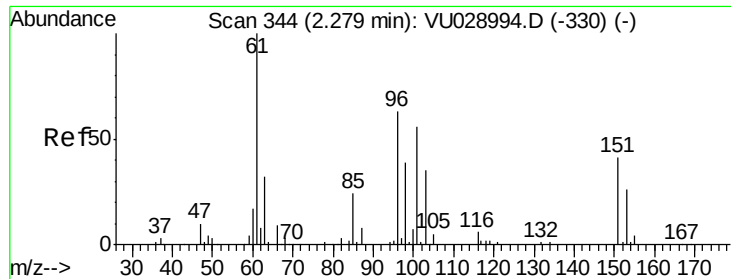


#8

Diethyl Ether
 Concen: 50.409 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 74 Resp: 49023
 Ion Ratio Lower Upper
 74 100
 45 93.7 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.706 ug/l

RT: 2.28 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

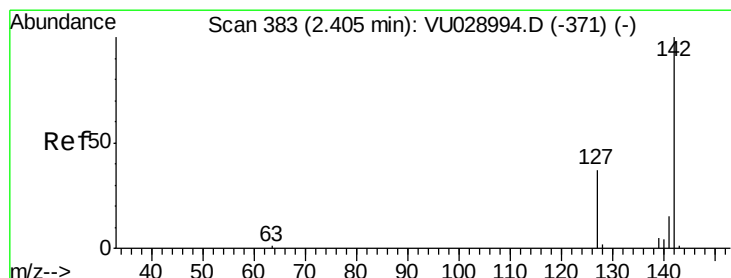
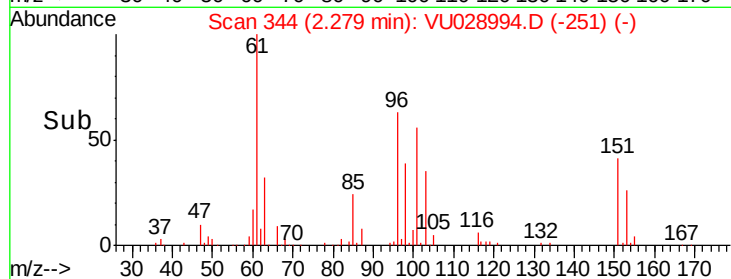
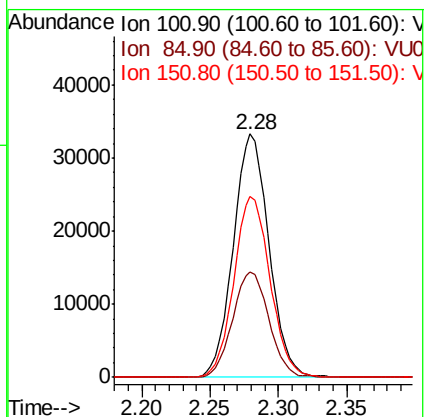
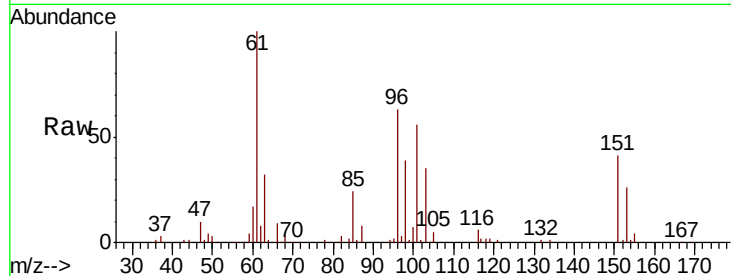
Tgt Ion:101 Resp: 60550

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

151 75.2 60.2 90.2



#10

Methyl Iodide

Concen: 49.070 ug/l

RT: 2.40 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

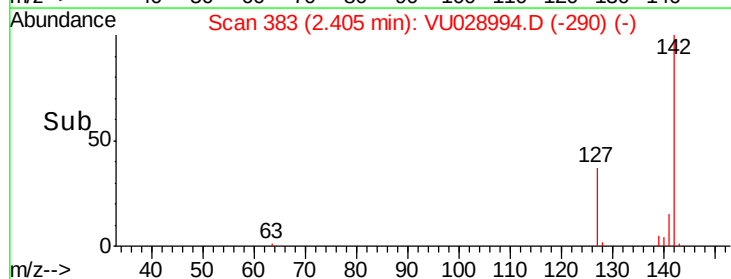
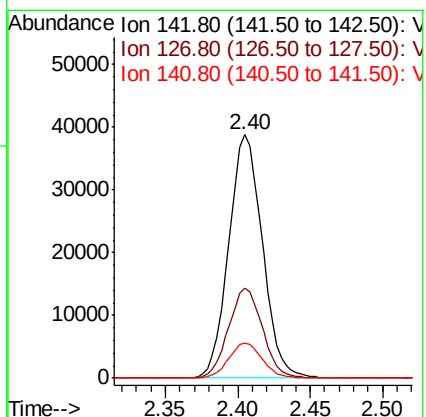
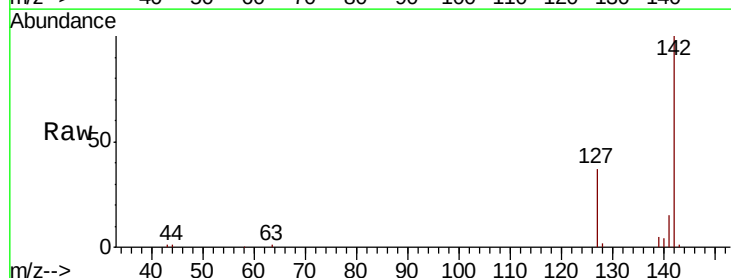
Tgt Ion:142 Resp: 62492

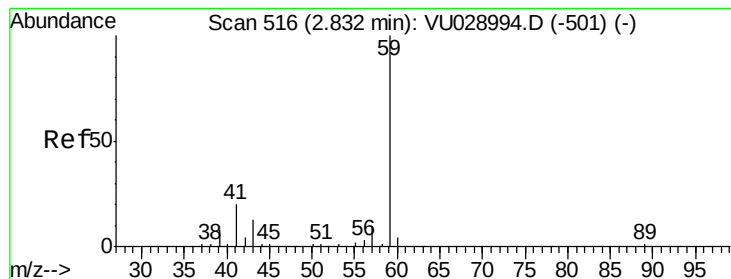
Ion Ratio Lower Upper

142 100

127 37.2 29.8 44.6

141 14.4 11.5 17.3



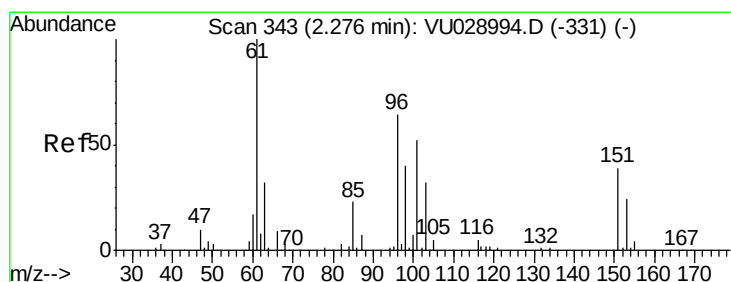
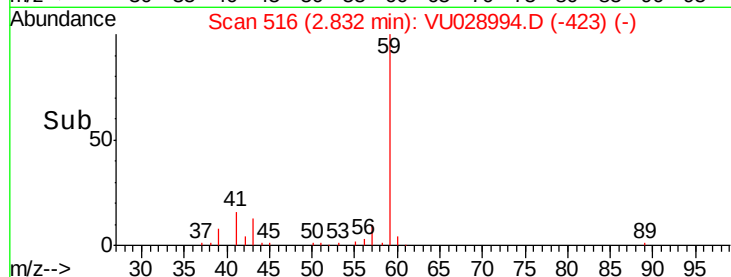
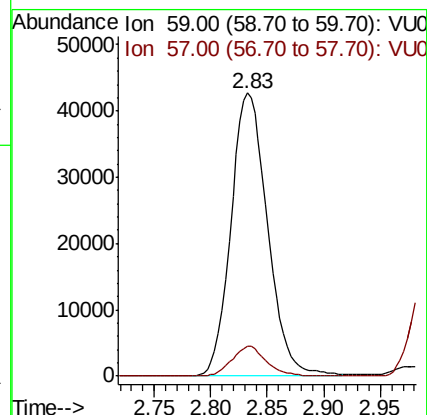
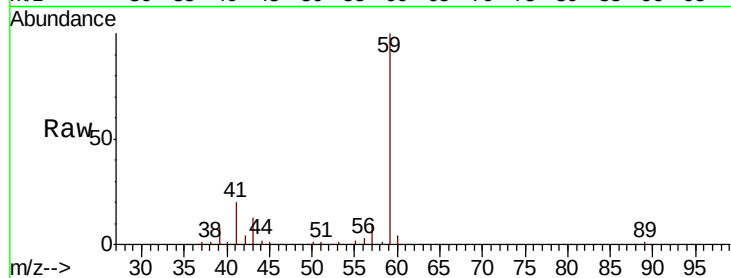


#11

Tert butyl alcohol
 Concen: 240.770 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

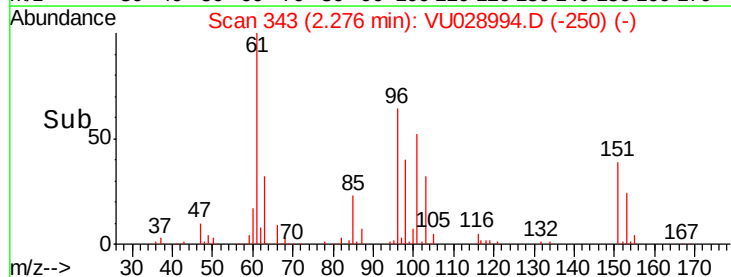
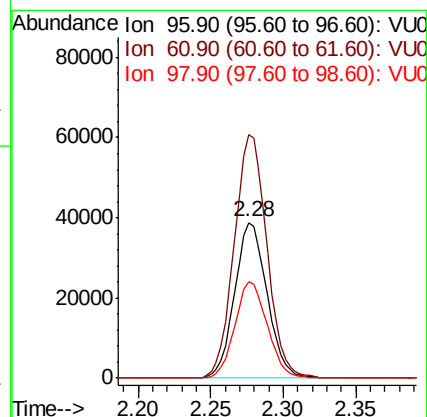
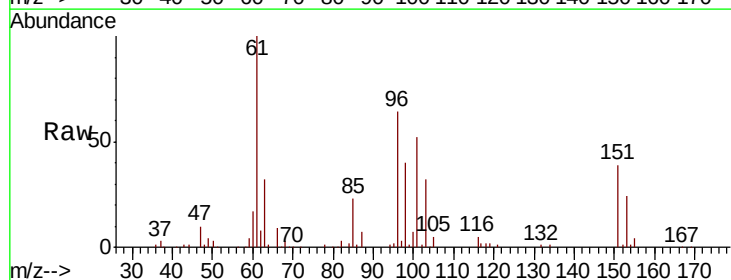
Tgt Ion: 59 Resp: 96167
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

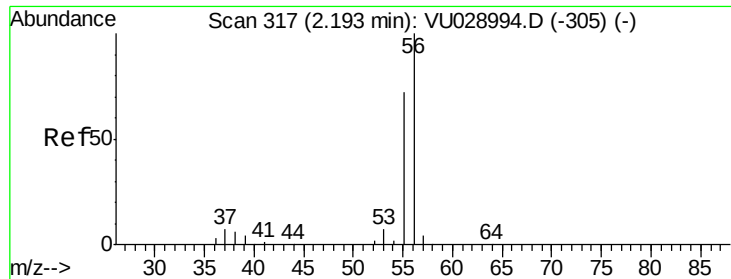


#12

1,1-Dichloroethene
 Concen: 45.667 ug/l
 RT: 2.28 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 96 Resp: 60204
 Ion Ratio Lower Upper
 96 100
 61 156.7 125.4 188.0
 98 62.1 49.7 74.5





#13

Acrolein

Concen: 241.433 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

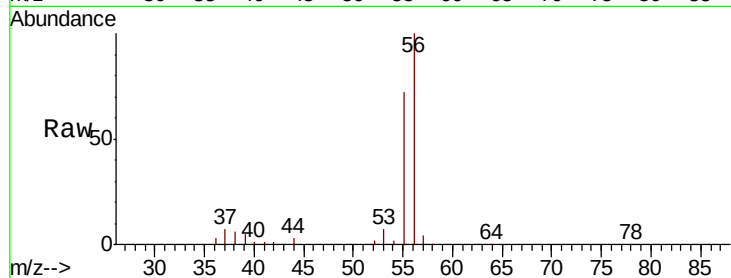
VSTDICCC050

Tgt Ion: 56 Resp: 72410

Ion Ratio Lower Upper

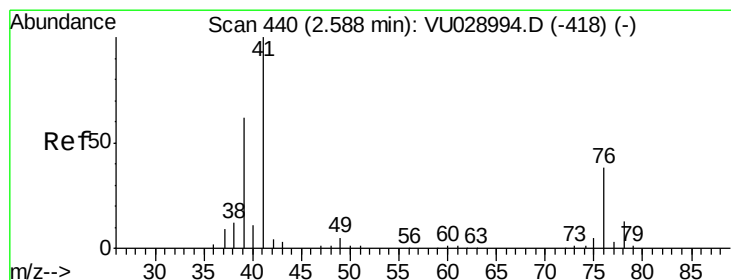
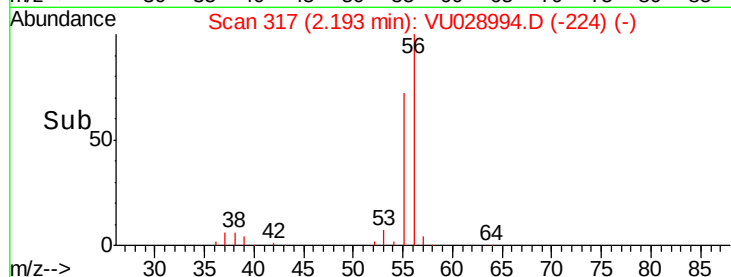
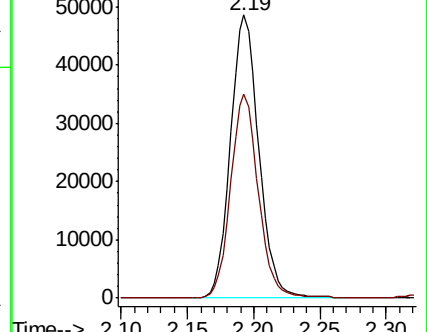
56 100

55 70.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VU028994.D (-305) (-)

Ion 55.00 (54.70 to 55.70): VU028994.D (-305) (-)



#14

Allyl chloride

Concen: 52.043 ug/l

RT: 2.59 min Scan# 440

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

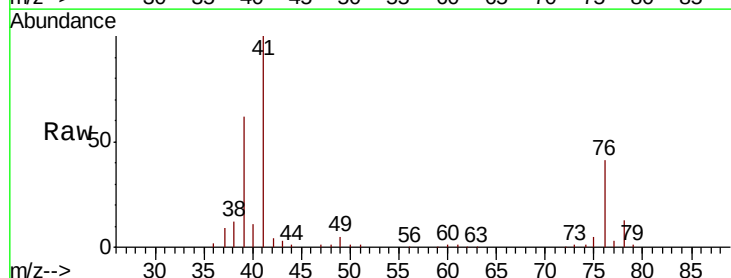
Tgt Ion: 41 Resp: 125886

Ion Ratio Lower Upper

41 100

39 56.3 45.0 67.6

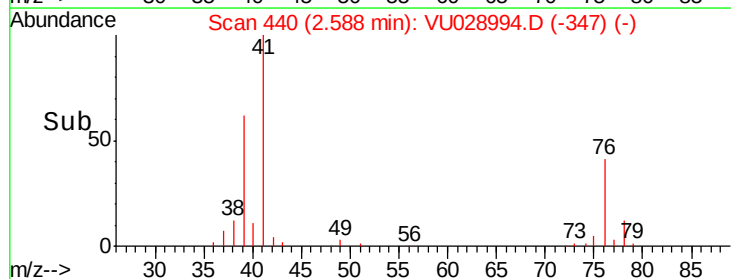
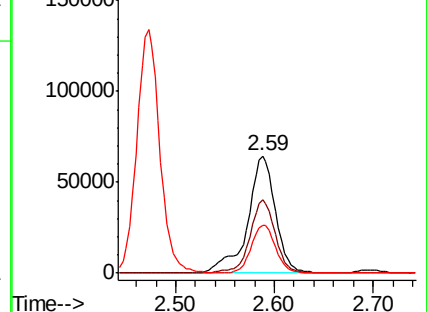
76 35.1 28.1 42.1

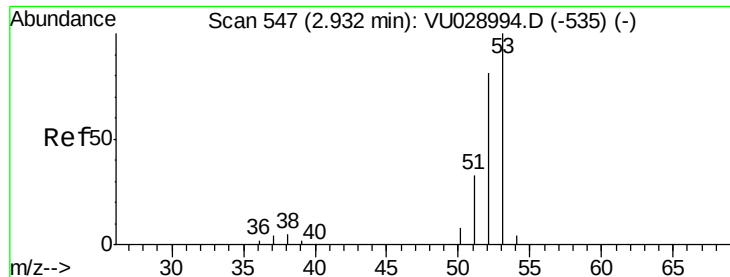


Abundance Ion 41.00 (40.70 to 41.70): VU028994.D (-418) (-)

Ion 39.00 (38.70 to 39.70): VU028994.D (-418) (-)

Ion 75.90 (75.60 to 76.60): VU028994.D (-418) (-)





#15

Acrylonitrile

Concen: 254.901 ug/l

RT: 2.93 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

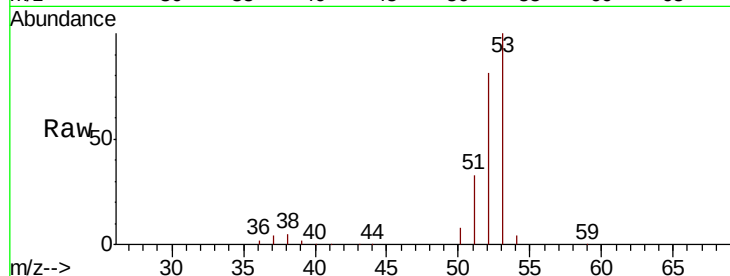
Tgt Ion: 53 Resp: 249778

Ion Ratio Lower Upper

53 100

52 81.0 64.8 97.2

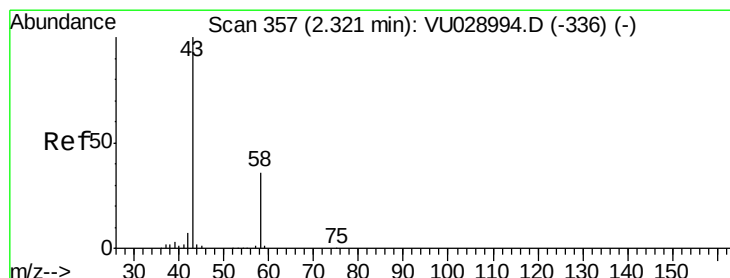
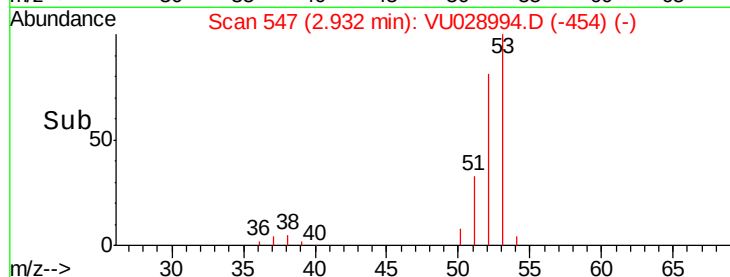
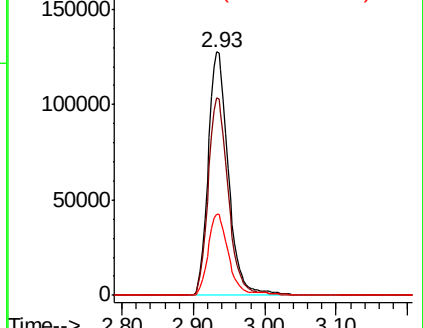
51 34.1 27.3 40.9



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: 239.107 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028994.D

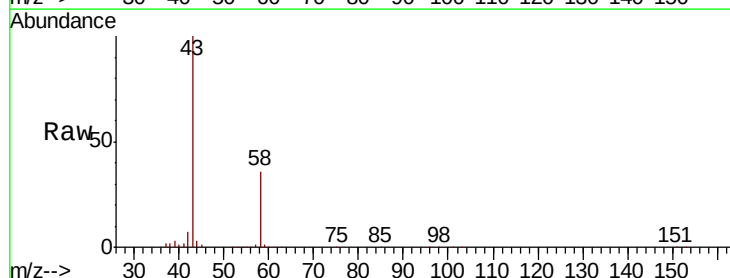
Acq: 03 Jan 2019 13:54

Tgt Ion: 43 Resp: 236690

Ion Ratio Lower Upper

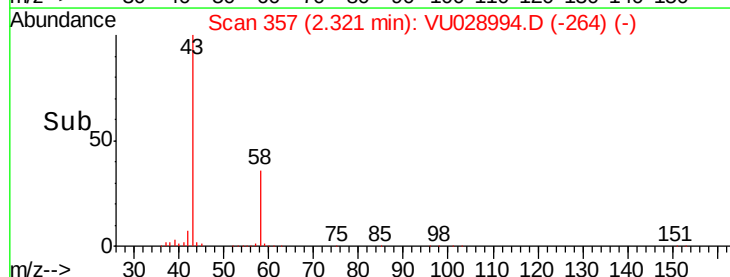
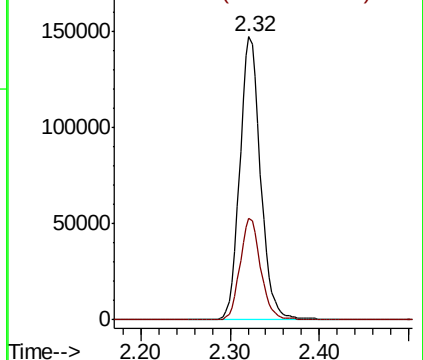
43 100

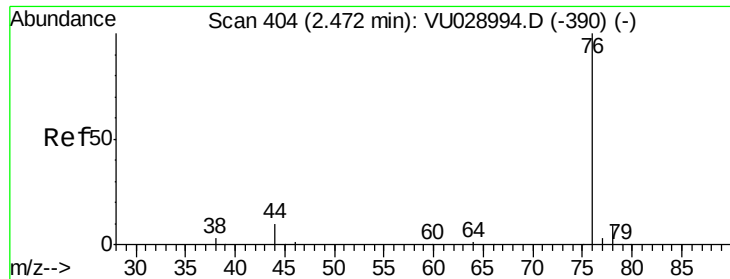
58 35.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

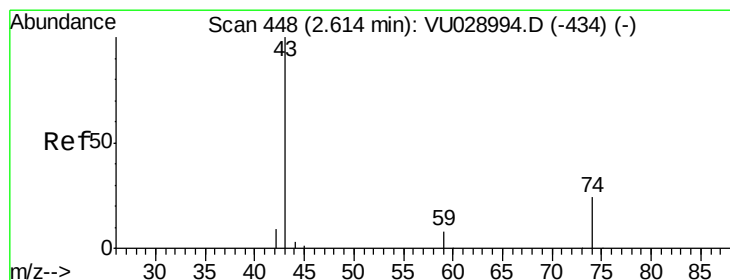
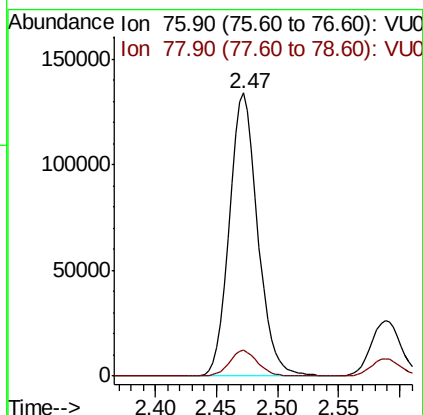
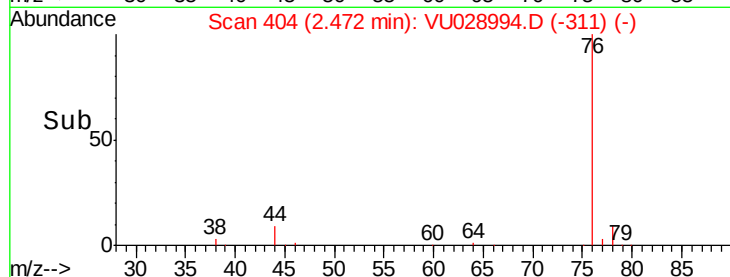
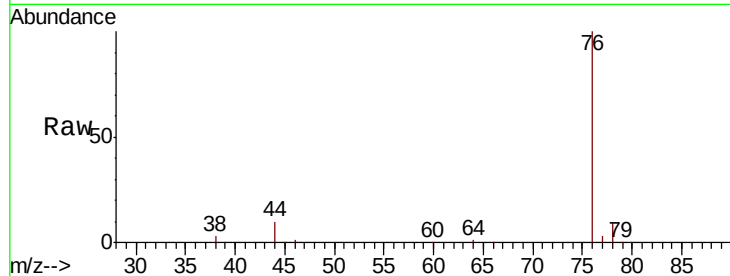




#17
Carbon Disulfide
Concen: 44.439 ug/l
RT: 2.47 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

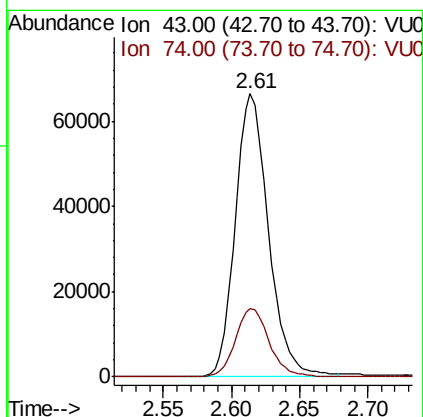
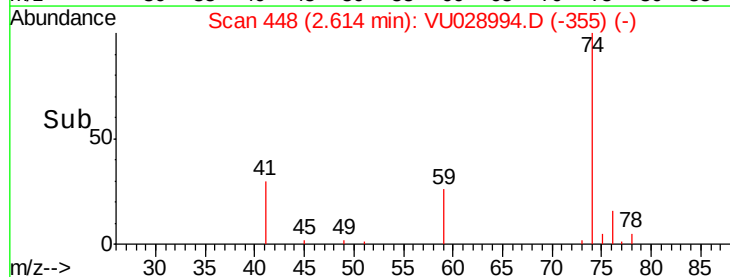
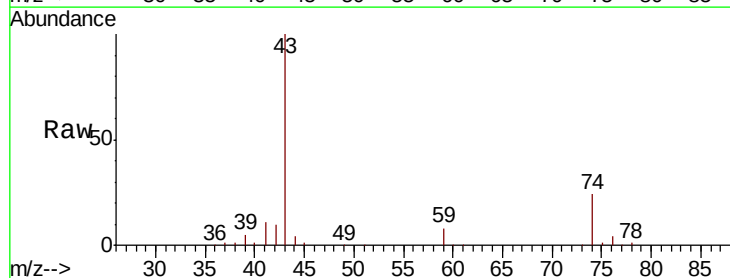
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

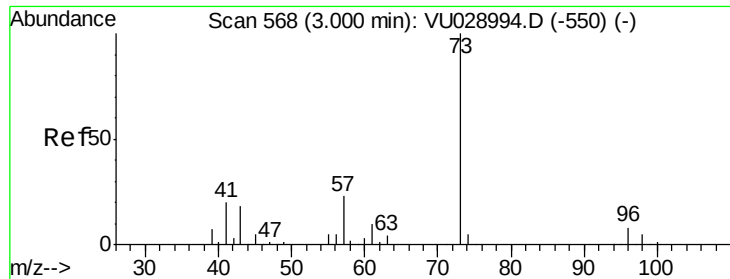
Tgt Ion: 76 Resp: 218012
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 48.934 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion: 43 Resp: 112629
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3

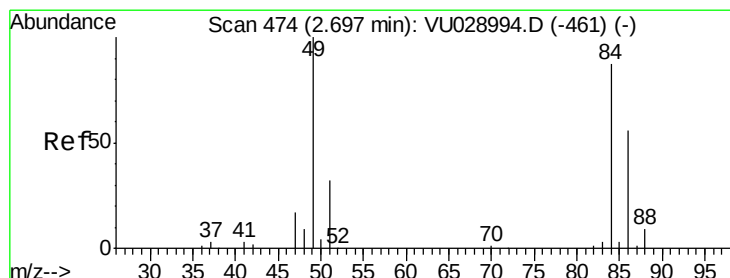
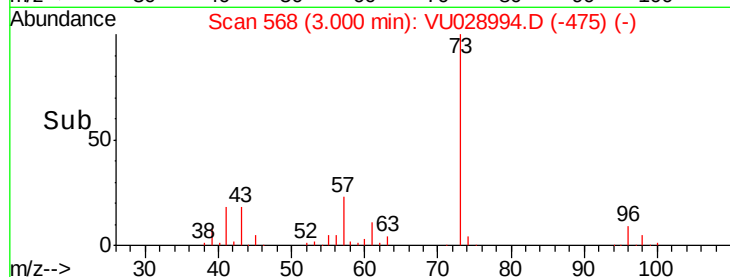
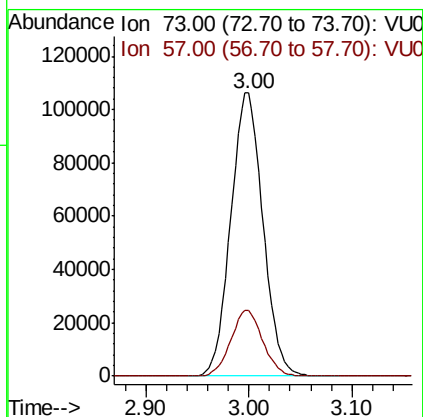
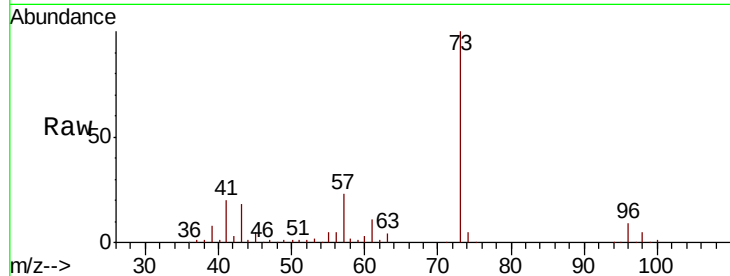




#19
Methyl tert-butyl Ether
Concen: 49.771 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

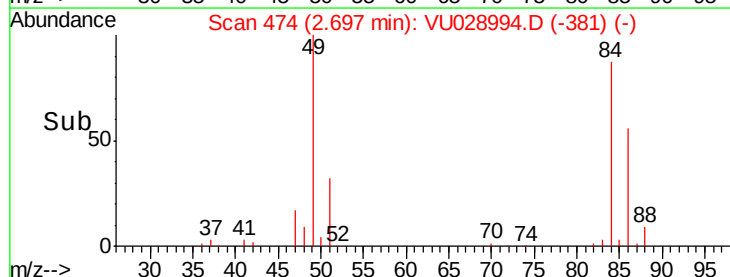
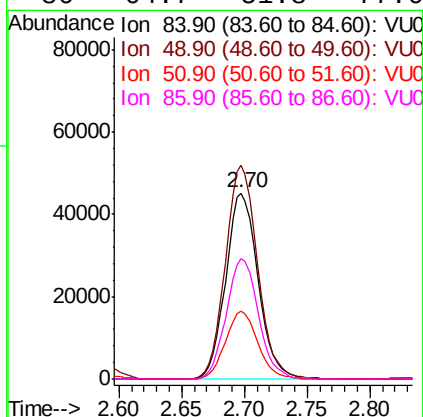
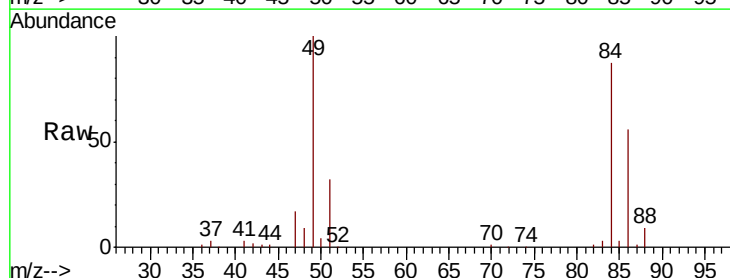
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

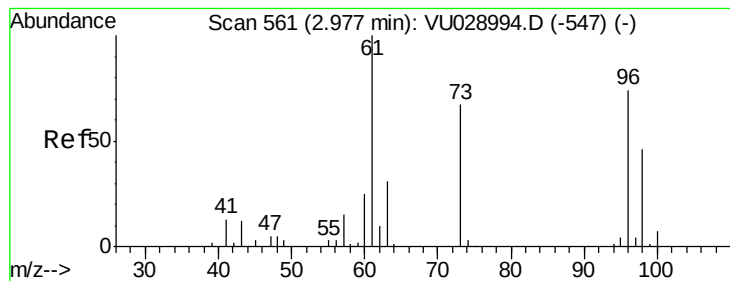
Tgt Ion: 73 Resp: 230683
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0



#20
Methylene Chloride
Concen: 48.192 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion: 84 Resp: 80995
Ion Ratio Lower Upper
84 100
49 114.9 91.9 137.9
51 36.5 29.2 43.8
86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.020 ug/l

RT: 2.98 min Scan# 561

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

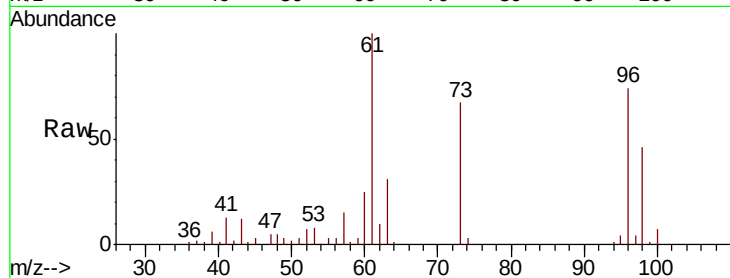
Tgt Ion: 96 Resp: 75083

Ion Ratio Lower Upper

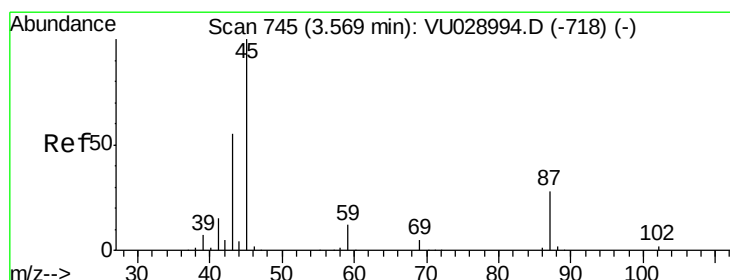
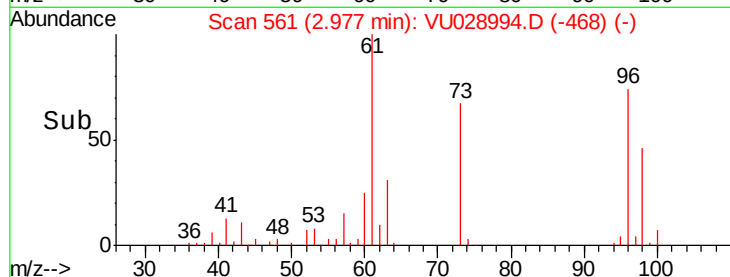
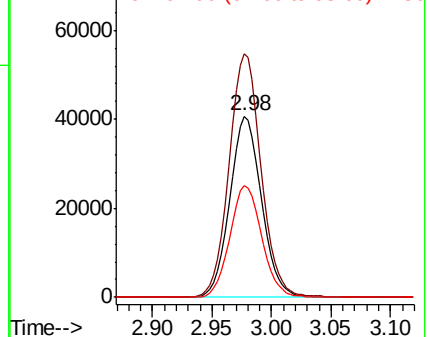
96 100

61 134.6 107.7 161.5

98 61.5 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 50.732 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Tgt Ion: 45 Resp: 242535

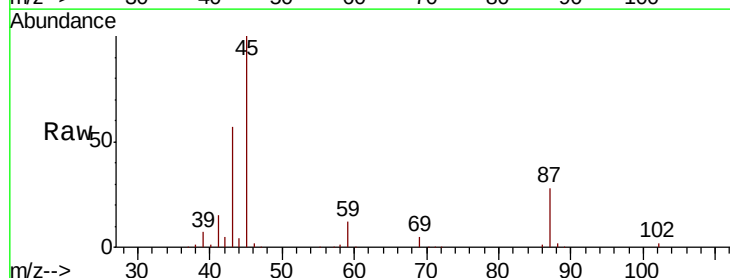
Ion Ratio Lower Upper

45 100

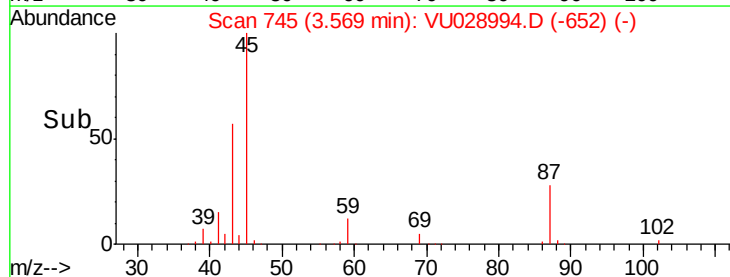
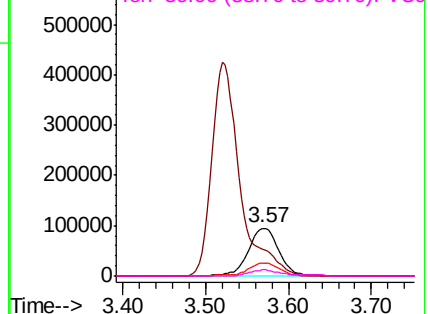
43 55.9 44.7 67.1

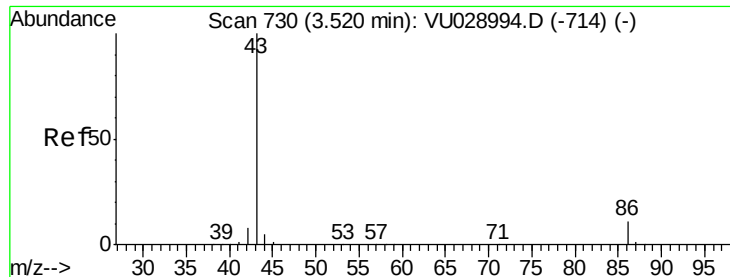
87 27.7 22.2 33.2

59 12.3 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 258.288 ug/l

RT: 3.52 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

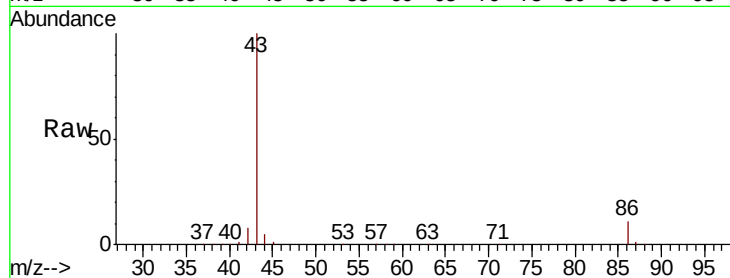
VSTDICCC050

Tgt Ion: 43 Resp: 1009449

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-714) (-)

Ion 86.00 (85.70 to 86.70): VU028994.D (-714) (-)

3.52

400000

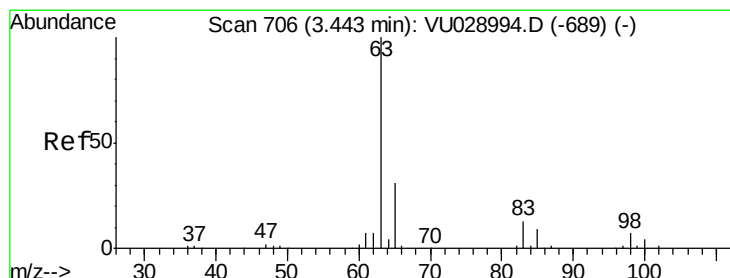
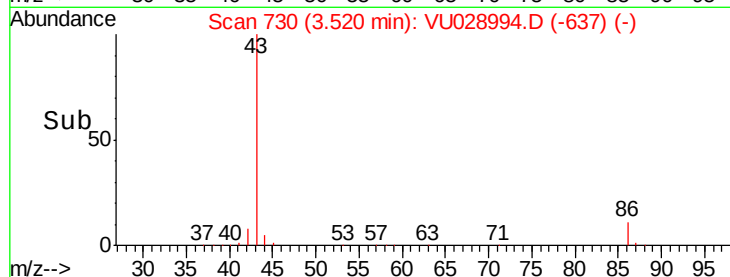
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.345 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

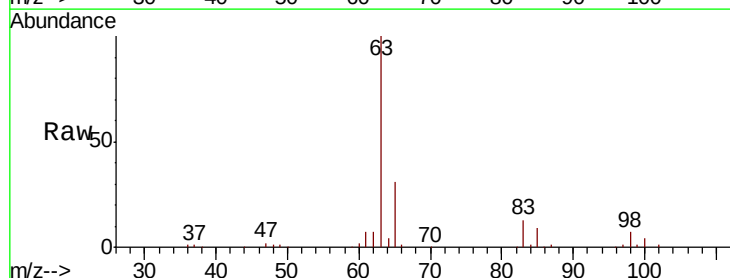
Tgt Ion: 63 Resp: 138940

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU028994.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU028994.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU028994.D (-689) (-)

3.44

80000

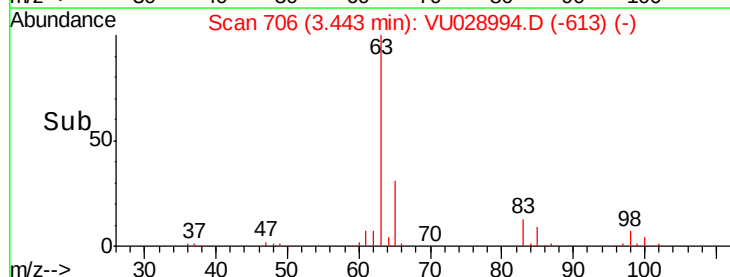
60000

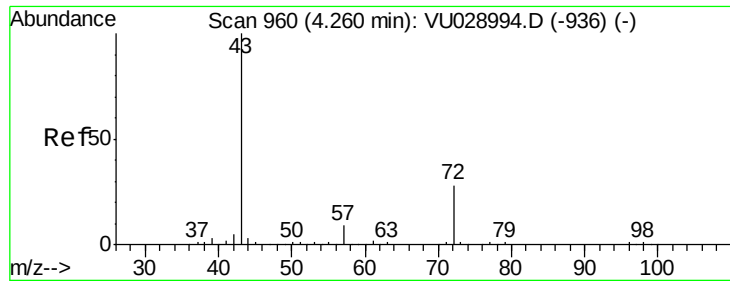
40000

20000

0

Time-->





#25

2-Butanone

Concen: 257.191 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

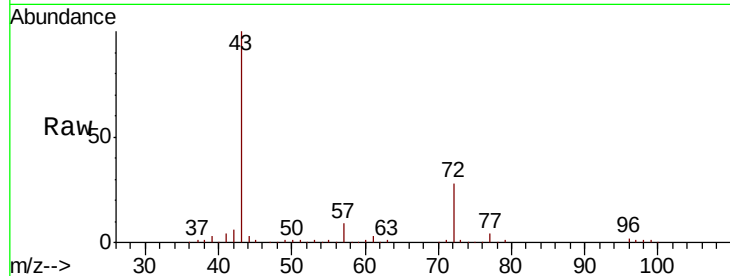
VSTDICCC050

Tgt Ion: 43 Resp: 343862

Ion Ratio Lower Upper

43 100

72 28.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU028994.D (-936) (-)

4.26

150000

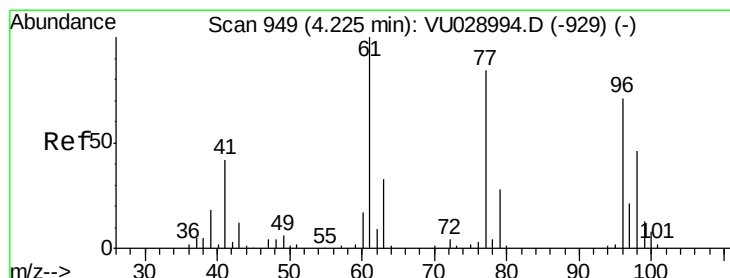
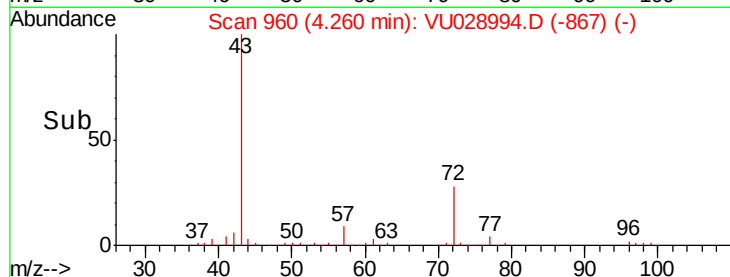
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 50.027 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU028994.D

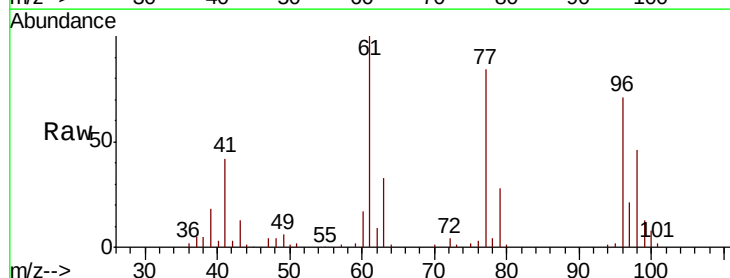
Acq: 03 Jan 2019 13:54

Tgt Ion: 77 Resp: 111557

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU028994.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU028994.D (-929) (-)

4.22

40000

30000

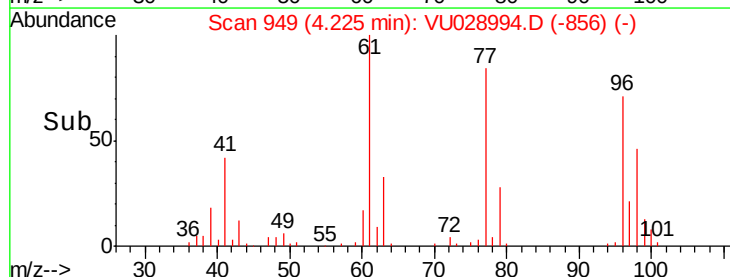
20000

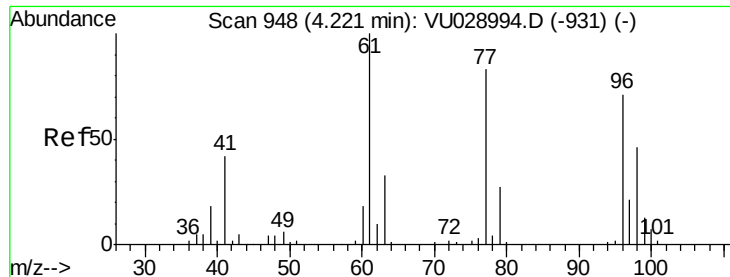
10000

0

4.10 4.20 4.30

Time-->



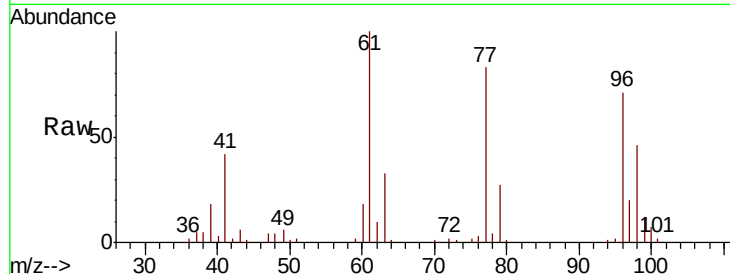


#27

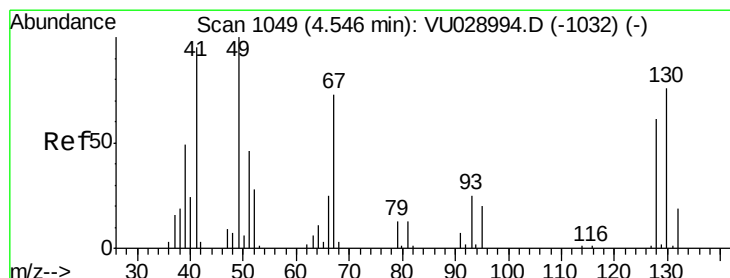
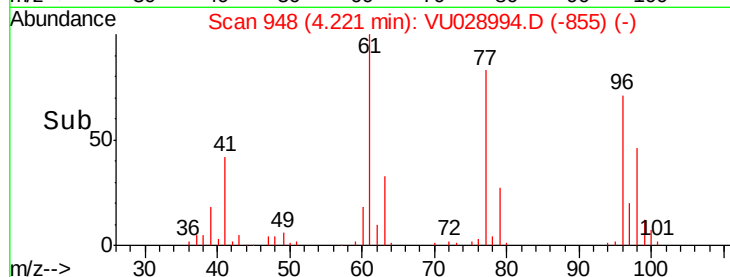
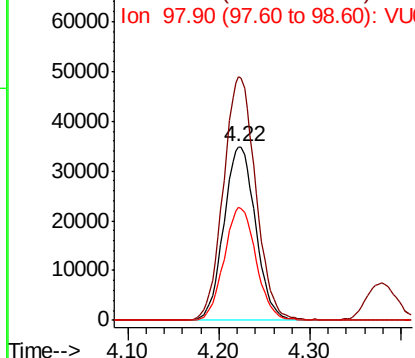
cis-1,2-Dichloroethene
 Concen: 50.422 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 84468
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 285.6
 98 65.1 0.0 130.2



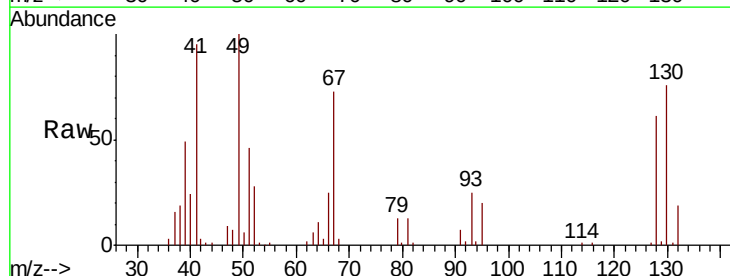
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



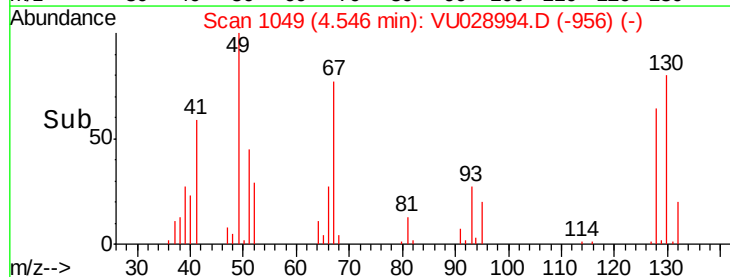
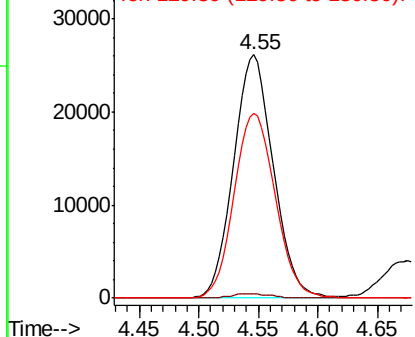
#28

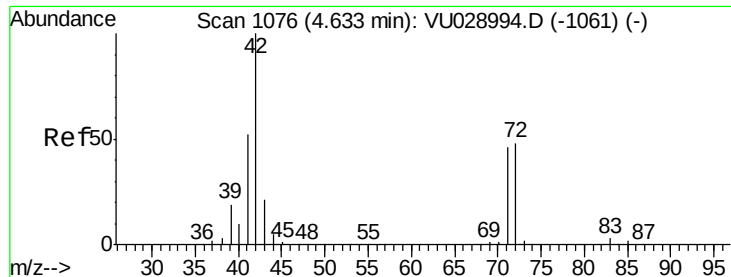
Bromochloromethane
 Concen: 51.276 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 49 Resp: 60594
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 78.6 62.9 94.3



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

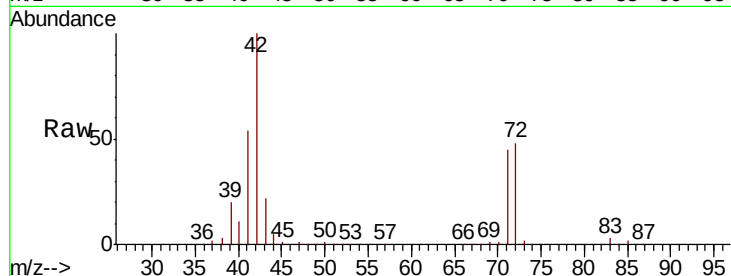




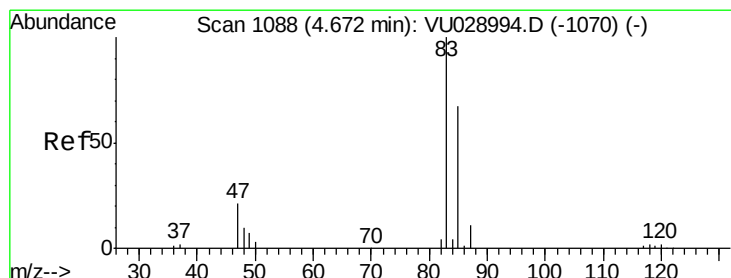
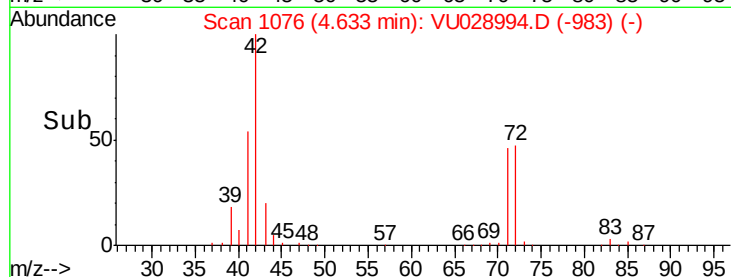
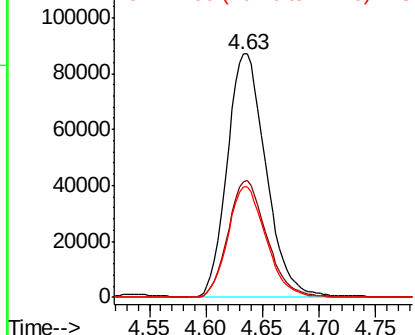
#29
Tetrahydrofuran
Concen: 255.566 ug/l
RT: 4.63 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 207240
Ion Ratio Lower Upper
42 100
72 47.9 38.3 57.5
71 45.1 36.1 54.1

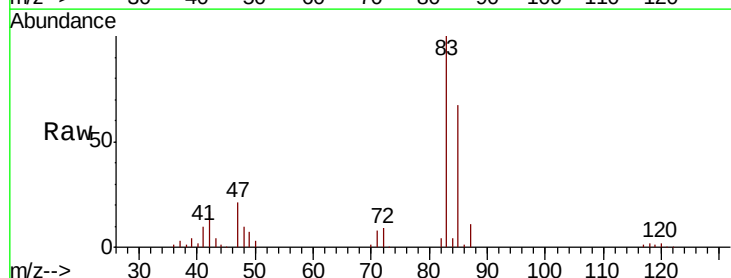


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

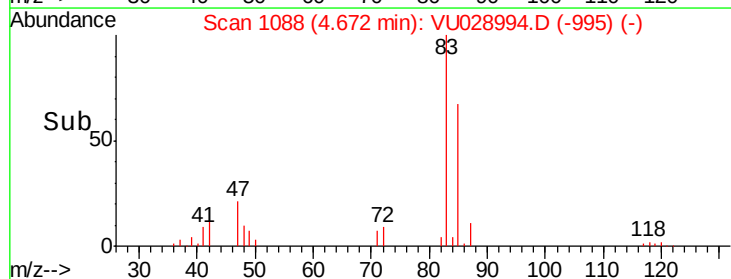
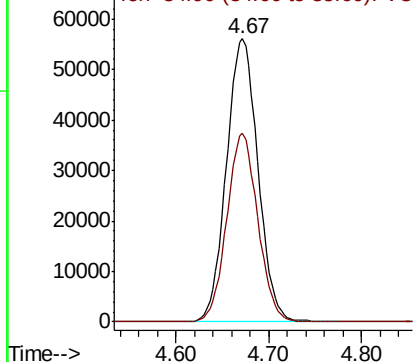


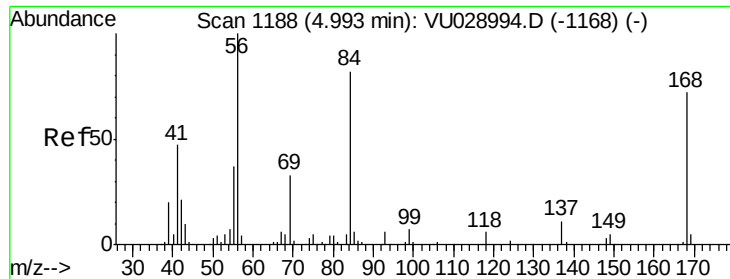
#30
Chloroform
Concen: 50.279 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion: 83 Resp: 132164
Ion Ratio Lower Upper
83 100
85 66.7 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

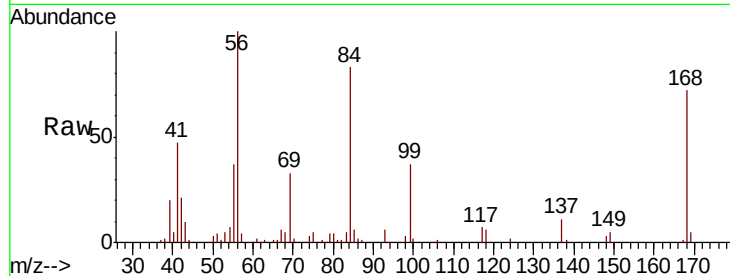




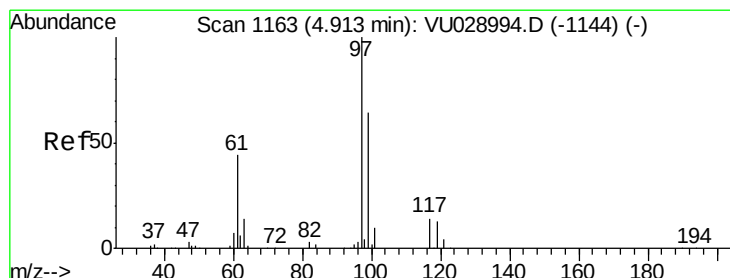
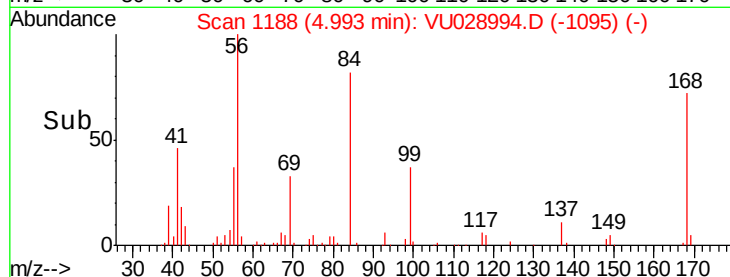
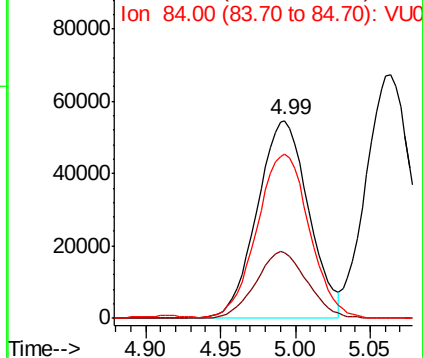
#31
Cyclohexane
Concen: 42.777 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 130647
Ion Ratio Lower Upper
56 100
69 33.4 26.7 40.1
84 82.1 65.7 98.5

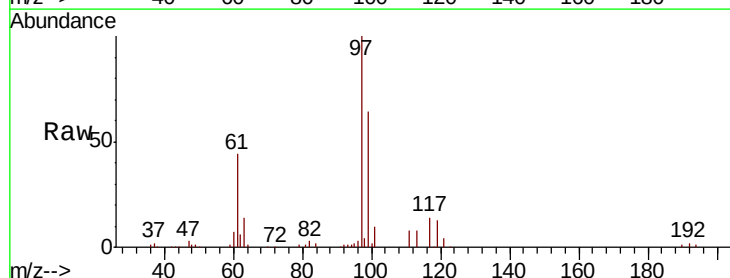


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

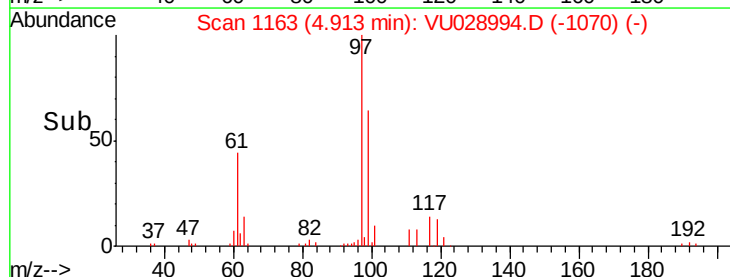
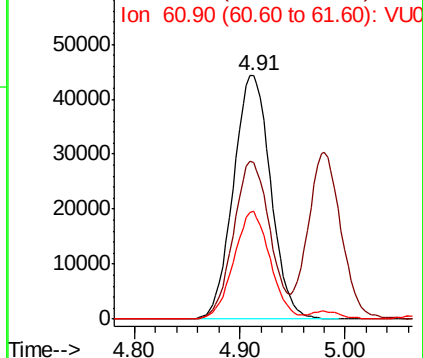


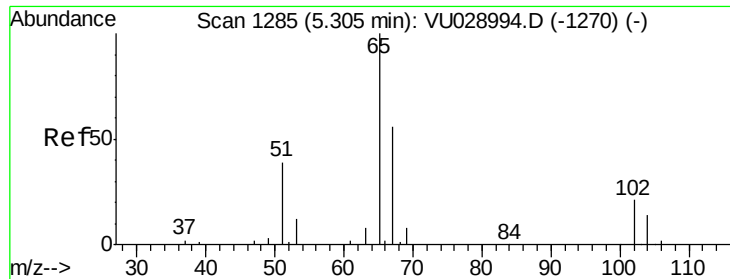
#32
1,1,1-Trichloroethane
Concen: 50.092 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion: 97 Resp: 108798
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 43.0 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

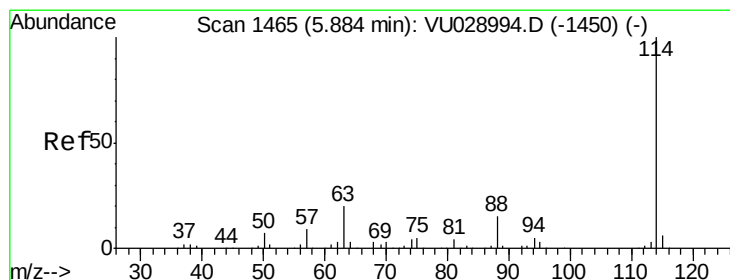
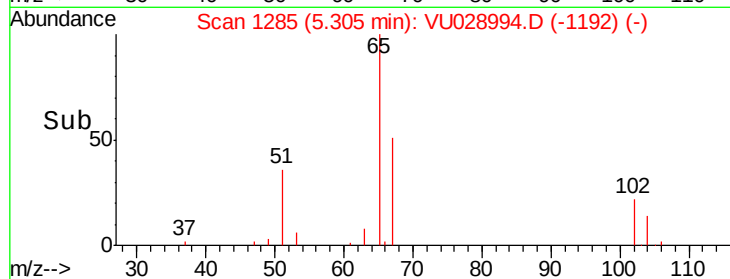
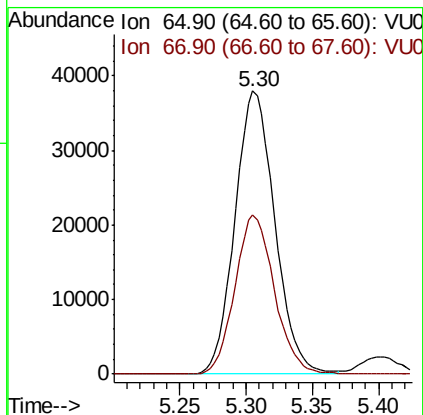
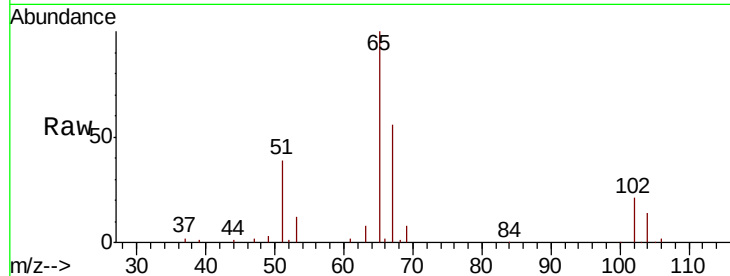




#33
 1,2-Dichloroethane-d4
 Concen: 50.562 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

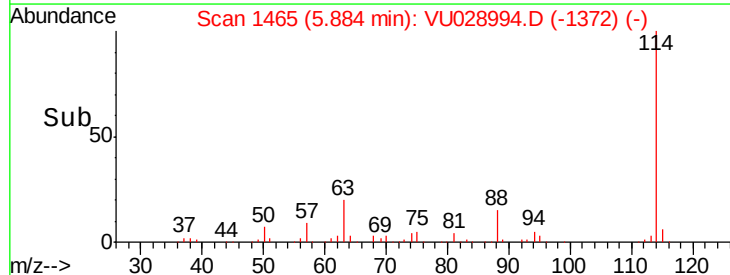
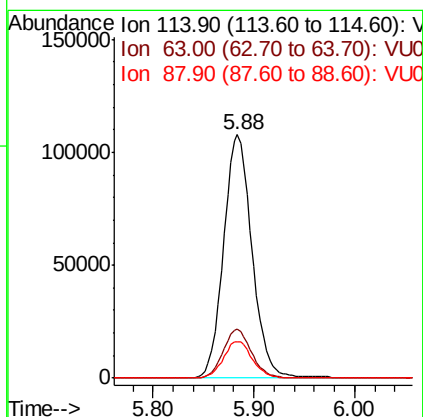
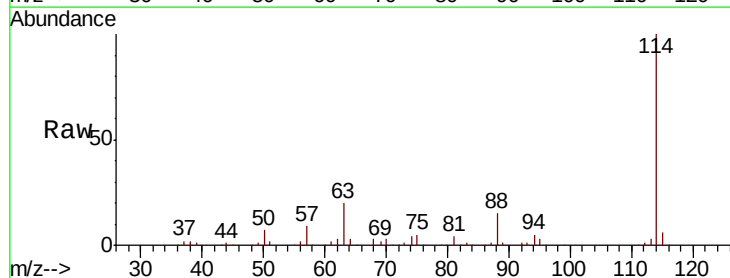
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

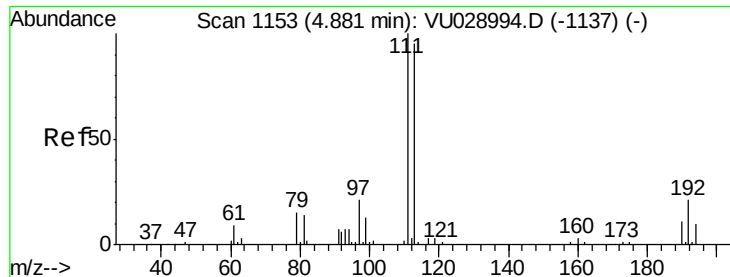
Tgt Ion: 65 Resp: 79451
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 114 Resp: 211944
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.603 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

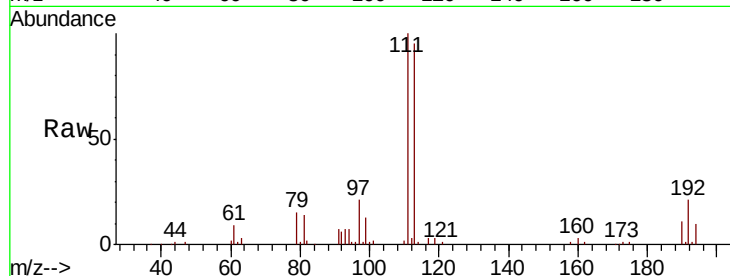
Tgt Ion:113 Resp: 68149

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.2

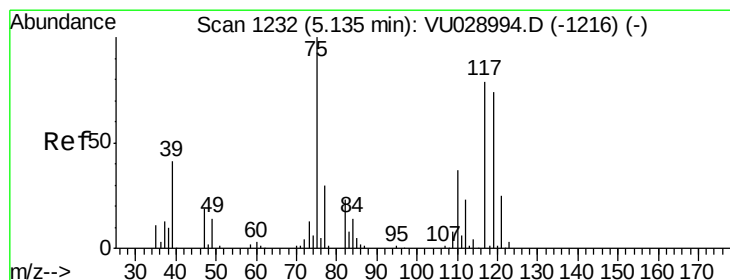
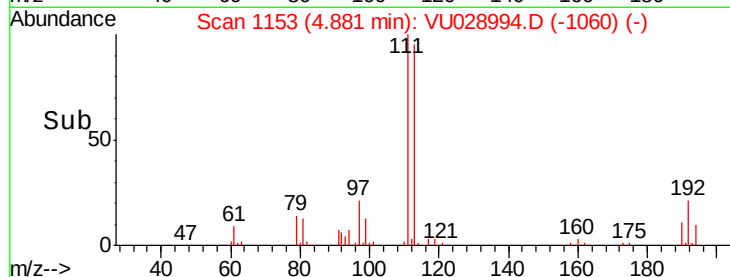
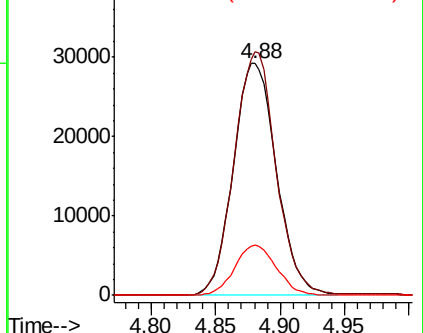
192 21.0 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.810 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

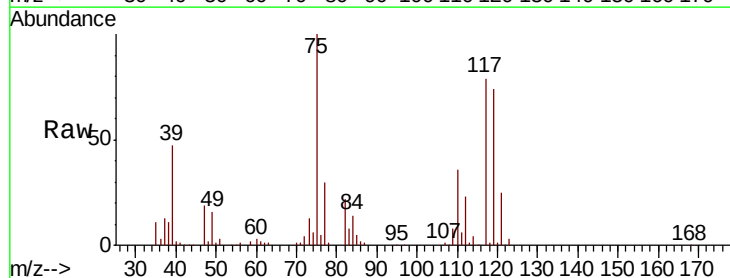
Tgt Ion: 75 Resp: 101284

Ion Ratio Lower Upper

75 100

110 36.9 18.4 55.4

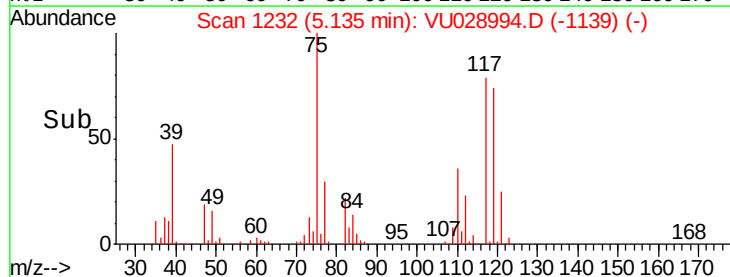
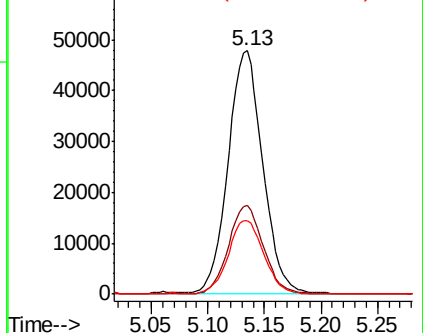
77 31.4 25.1 37.7

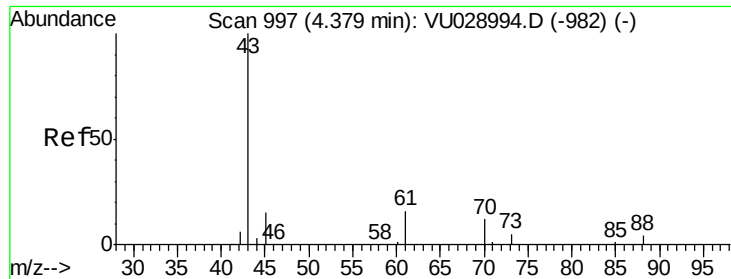


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

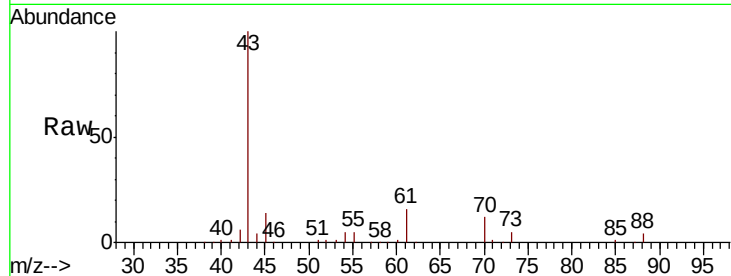




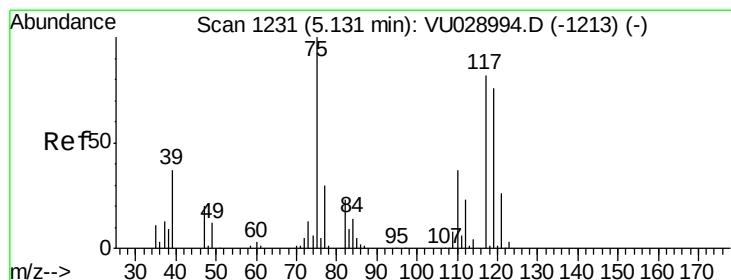
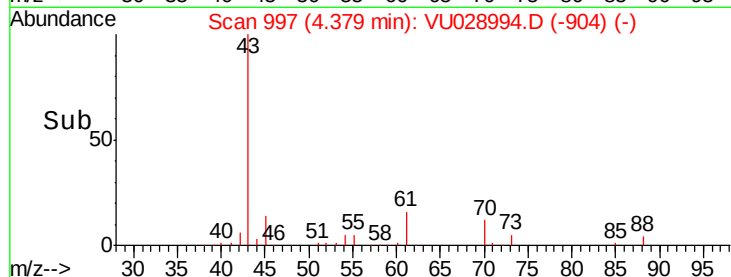
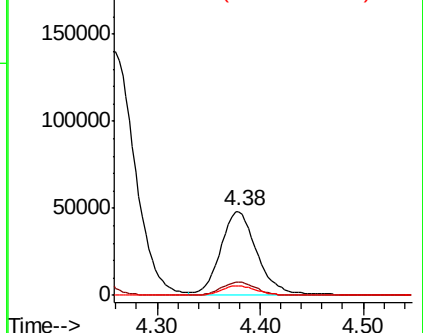
#37
Ethyl Acetate
Concen: 48.149 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 116587
Ion Ratio Lower Upper
43 100
61 15.7 12.6 18.8
70 11.6 9.3 13.9

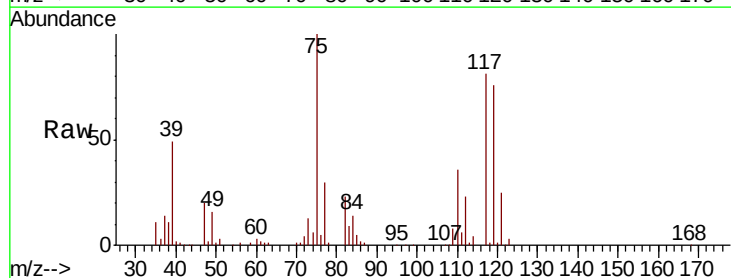


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

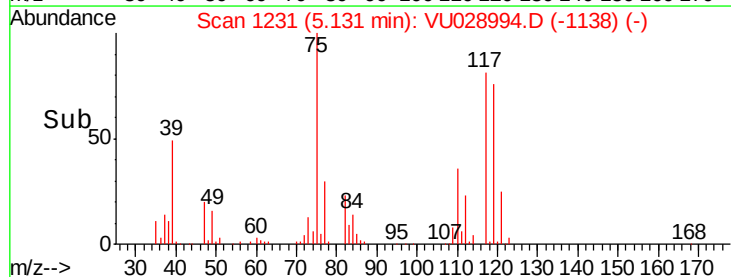
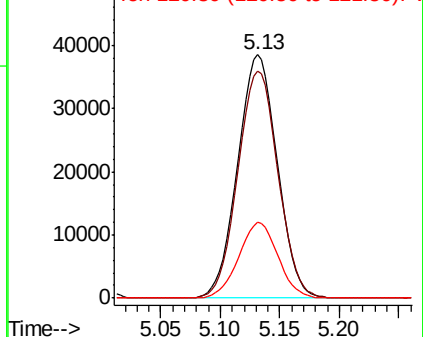


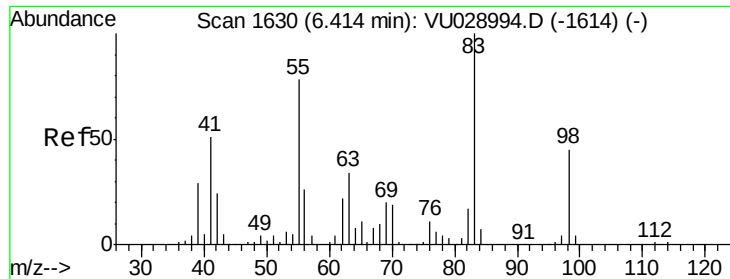
#38
Carbon Tetrachloride
Concen: 50.307 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion: 117 Resp: 88888
Ion Ratio Lower Upper
117 100
119 93.2 74.6 111.8
121 31.3 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

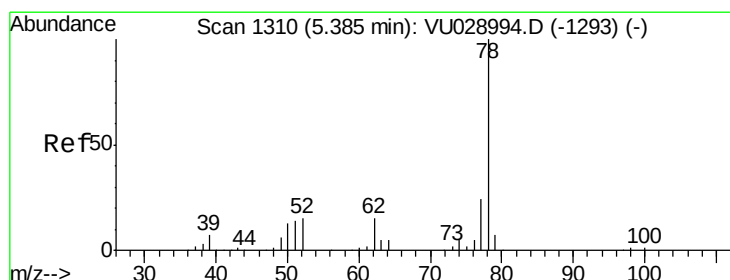
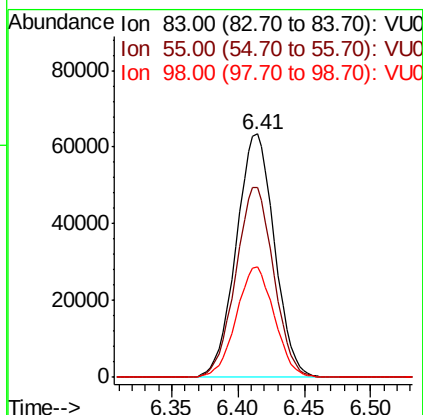
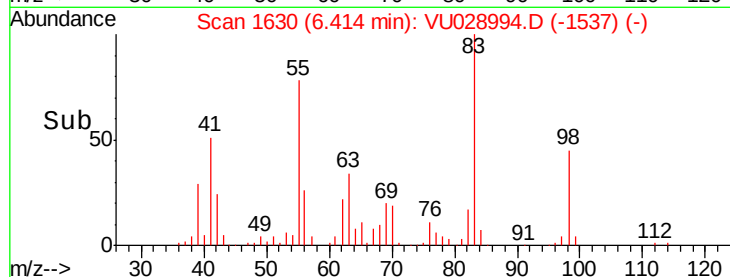
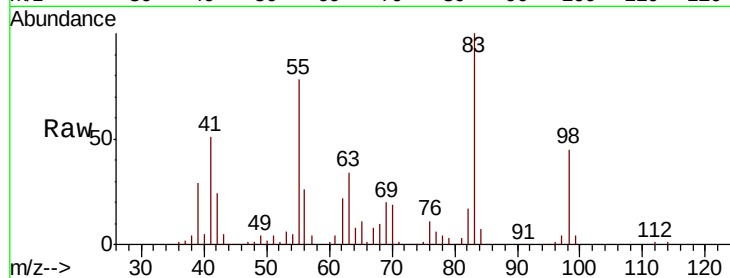




#39
Methylcyclohexane
Concen: 48.761 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

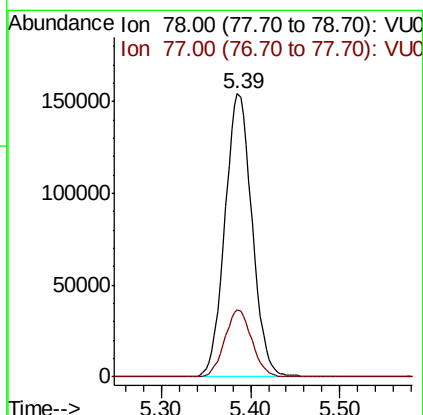
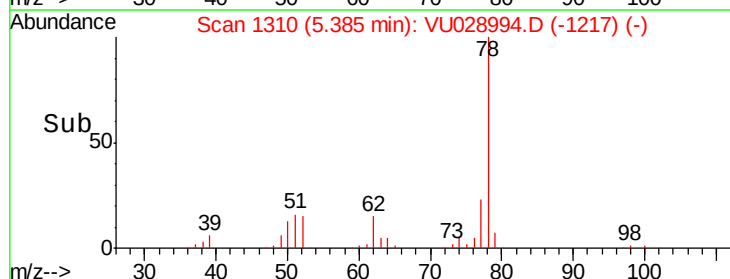
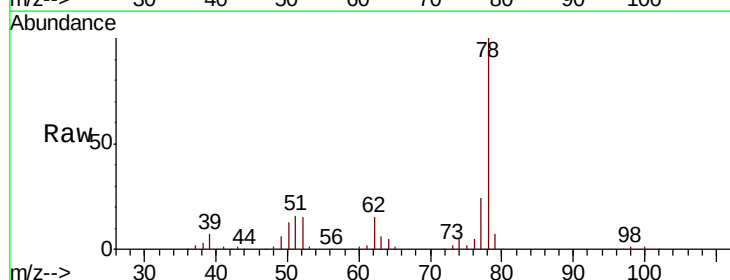
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

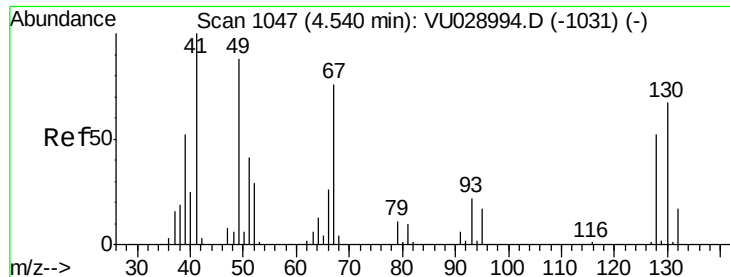
Tgt Ion: 83 Resp: 126992
Ion Ratio Lower Upper
83 100
55 78.0 62.4 93.6
98 45.2 36.2 54.2



#40
Benzene
Concen: 49.243 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion: 78 Resp: 325403
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

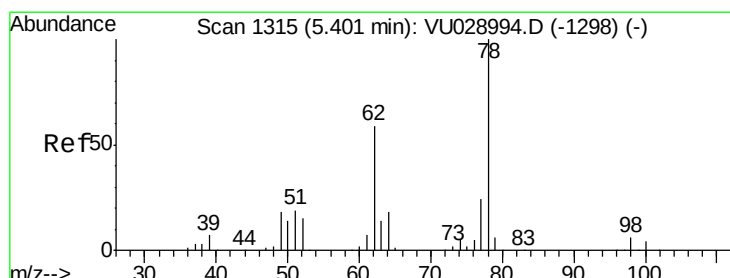
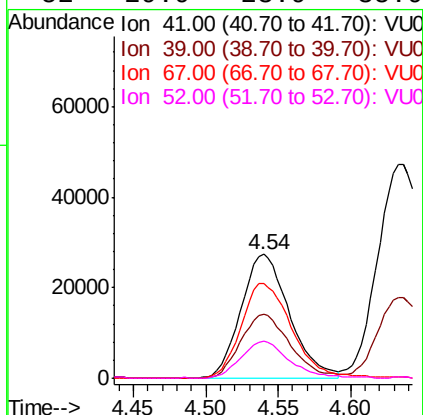
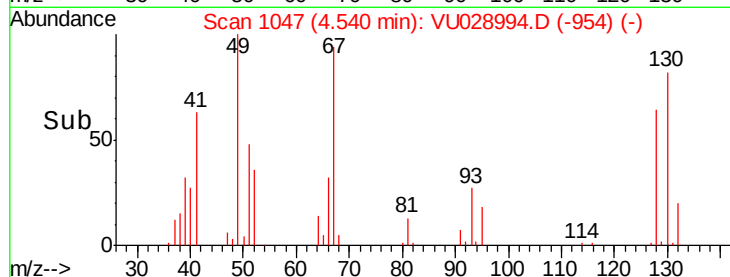
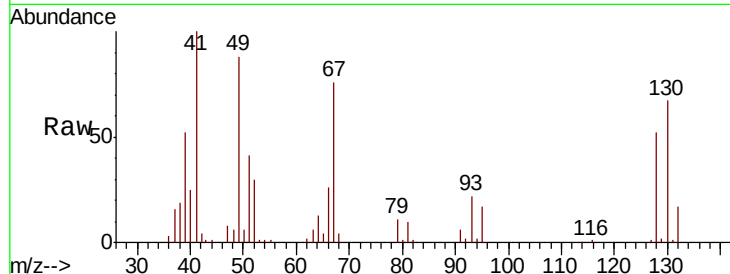




#41
Methacrylonitrile
Concen: 51.127 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

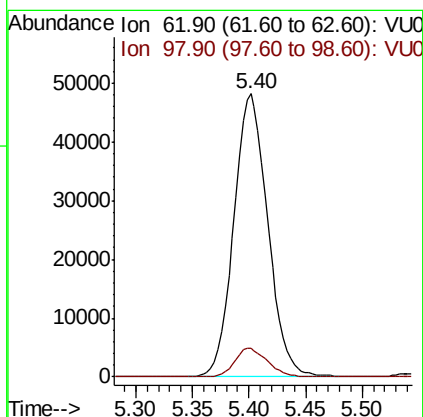
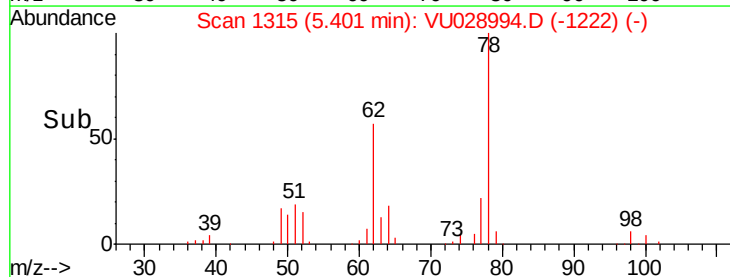
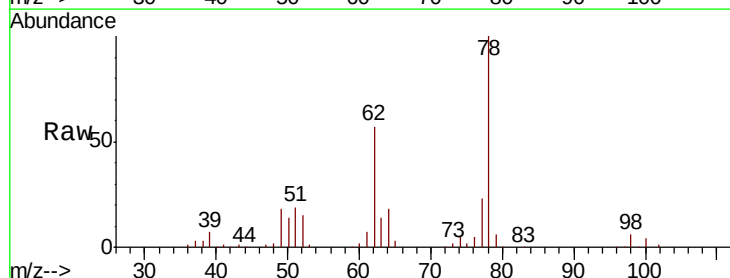
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

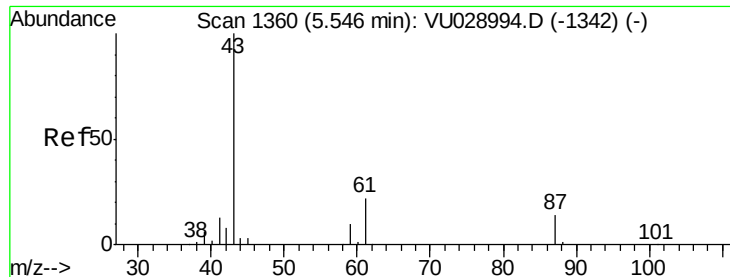
Tgt Ion:	41	Resp:	63640
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.3	63.5
67	80.5	64.4	96.6
52	29.9	23.9	35.9



#42
1,2-Dichloroethane
Concen: 50.759 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion:	62	Resp:	100791
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





#43

Isopropyl Acetate

Concen: 50.980 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

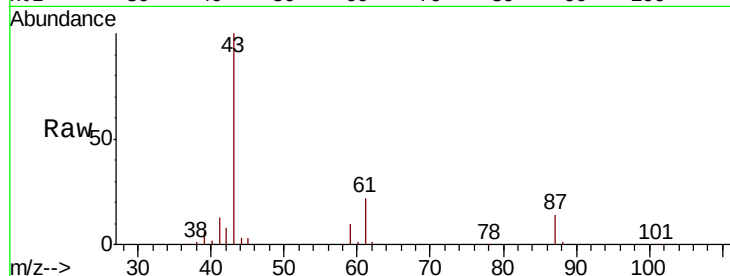
Tgt Ion: 43 Resp: 181850

Ion Ratio Lower Upper

43 100

61 22.2 17.8 26.6

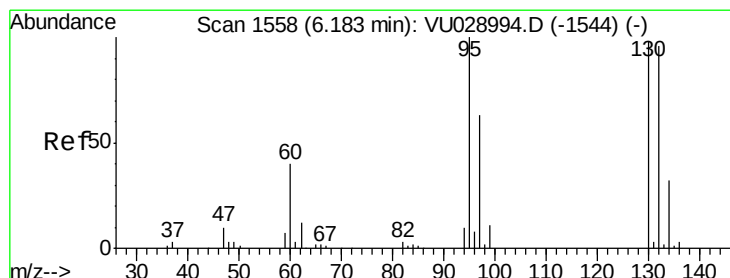
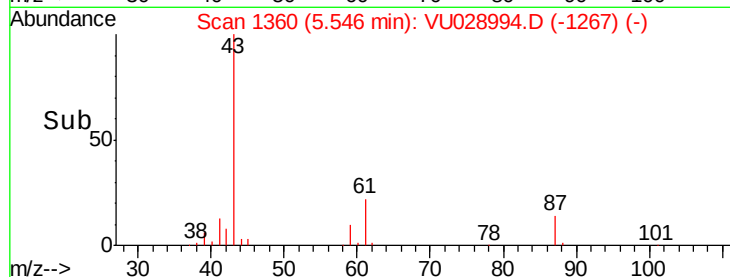
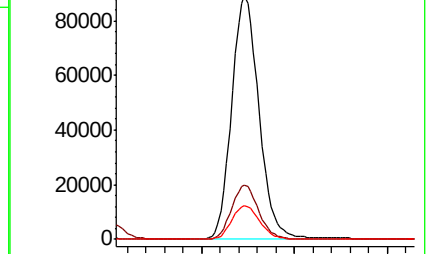
87 14.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#44

Trichloroethene

Concen: 48.222 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU028994.D

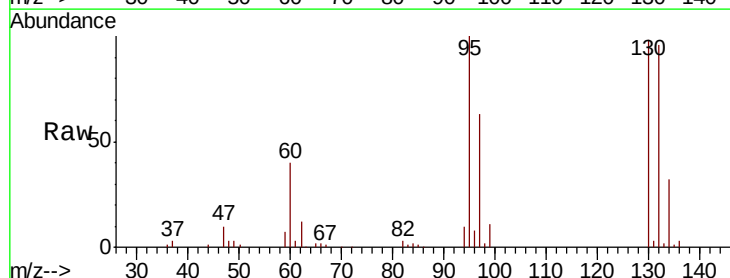
Acq: 03 Jan 2019 13:54

Tgt Ion: 130 Resp: 78954

Ion Ratio Lower Upper

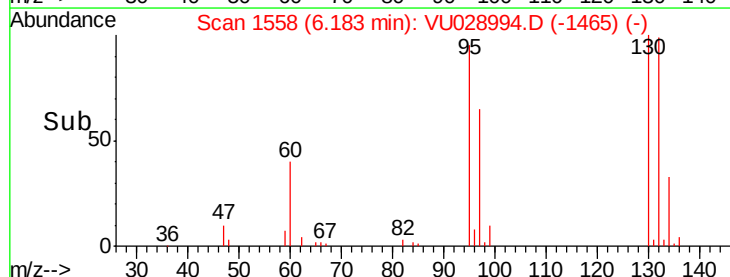
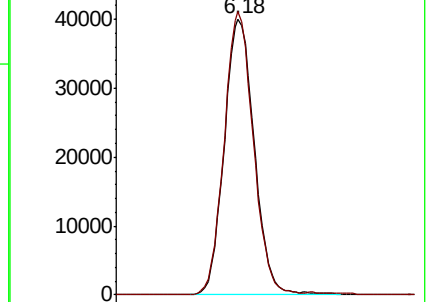
130 100

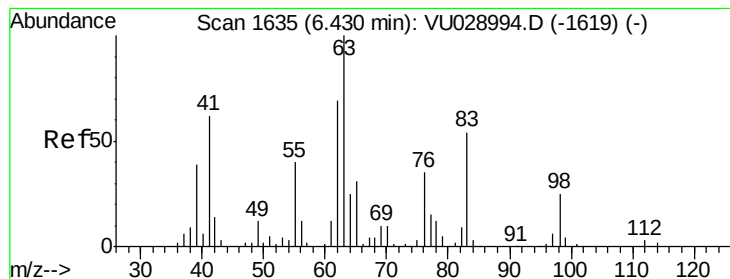
95 102.5 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028994.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028994.D (-1544) (-)





#45

1,2-Dichloropropane

Concen: 50.168 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

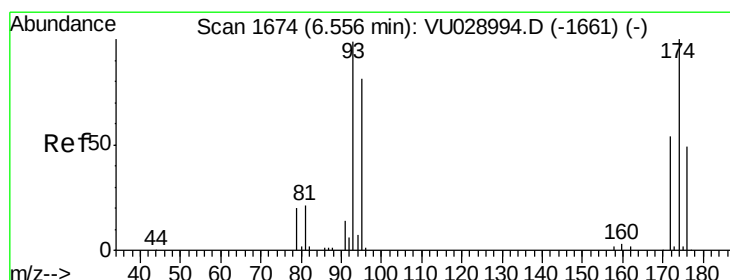
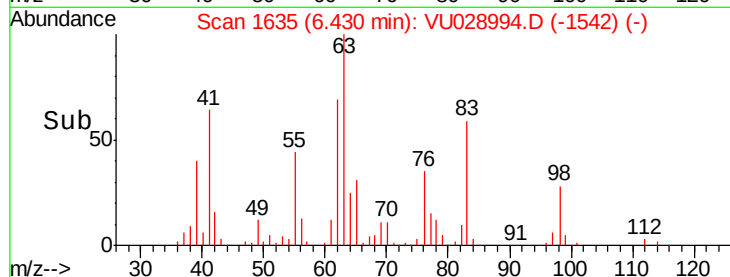
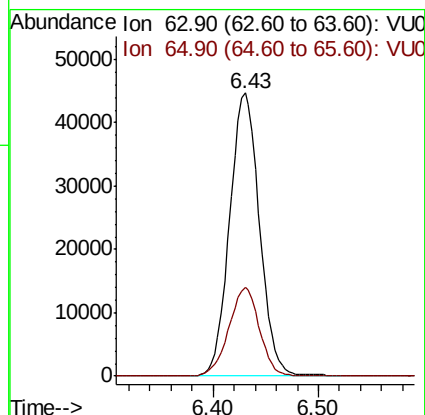
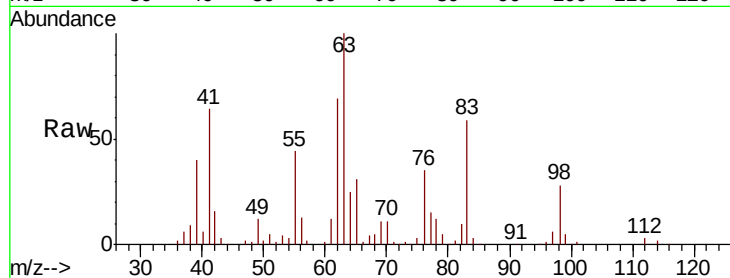
VSTDICCC050

Tgt Ion: 63 Resp: 87546

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



#46

Dibromomethane

Concen: 49.413 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

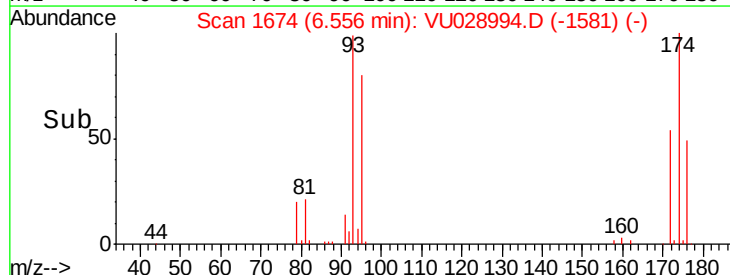
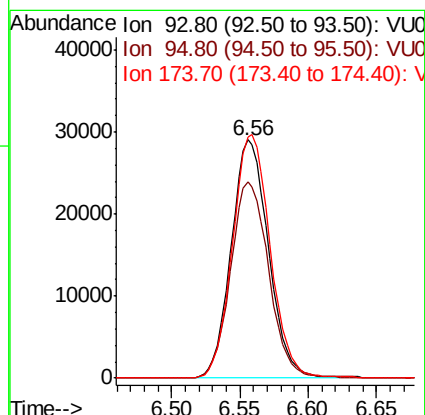
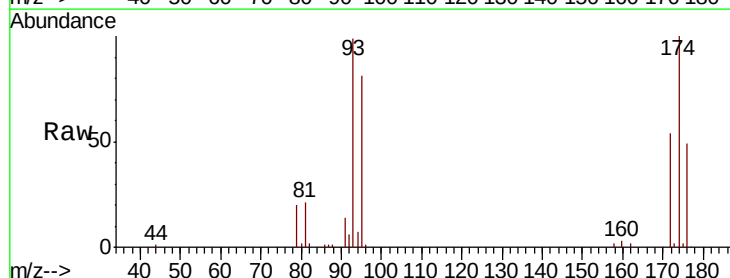
Tgt Ion: 93 Resp: 55123

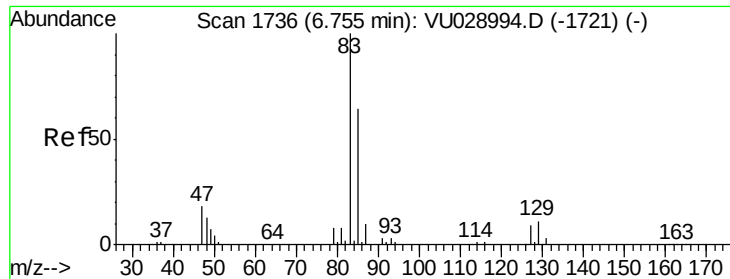
Ion Ratio Lower Upper

93 100

95 84.0 67.2 100.8

174 103.2 82.6 123.8





#47

Bromodichloromethane

Concen: 49.374 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

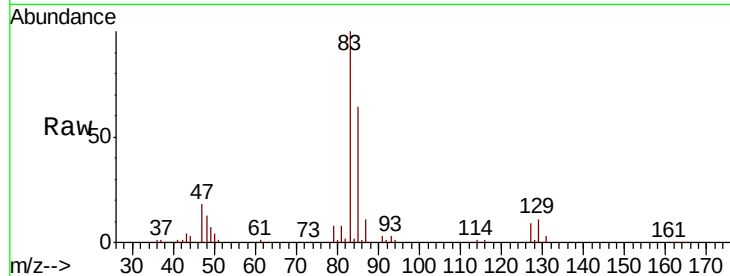
Tgt Ion: 83 Resp: 101411

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.2

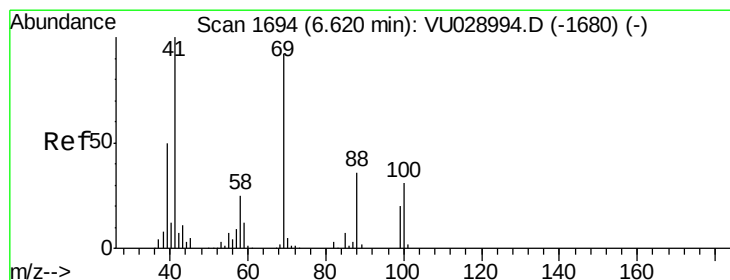
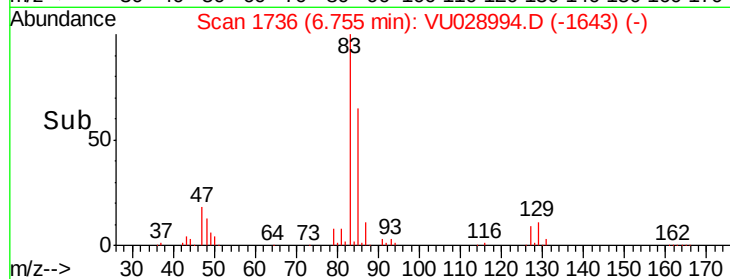
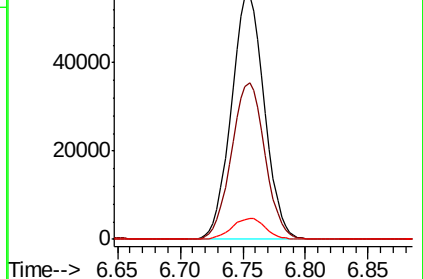
127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VU028994.D (-1721) (-)

Ion 84.90 (84.60 to 85.60): VU028994.D (-1721) (-)

Ion 126.80 (126.50 to 127.50): VU028994.D (-1721) (-)



#48

Methyl methacrylate

Concen: 52.893 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

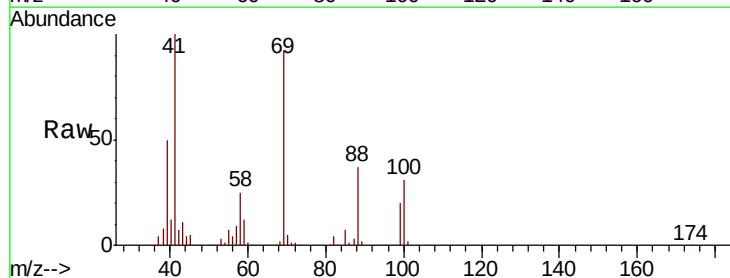
Tgt Ion: 41 Resp: 91871

Ion Ratio Lower Upper

41 100

69 92.0 73.6 110.4

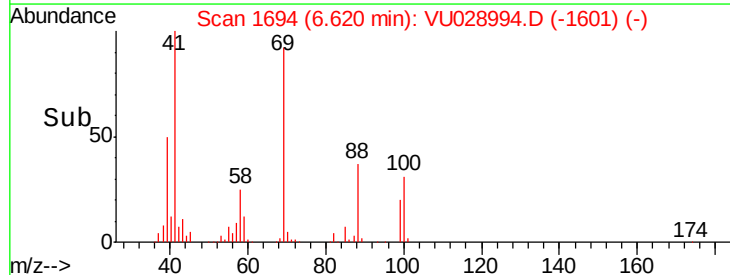
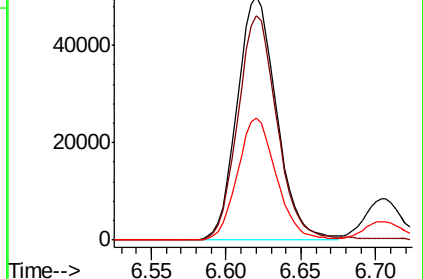
39 49.5 39.6 59.4

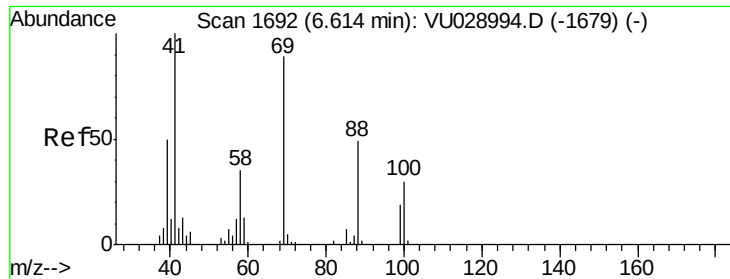


Abundance Ion 41.00 (40.70 to 41.70): VU028994.D (-1680) (-)

Ion 69.00 (68.70 to 69.70): VU028994.D (-1680) (-)

Ion 39.00 (38.70 to 39.70): VU028994.D (-1680) (-)

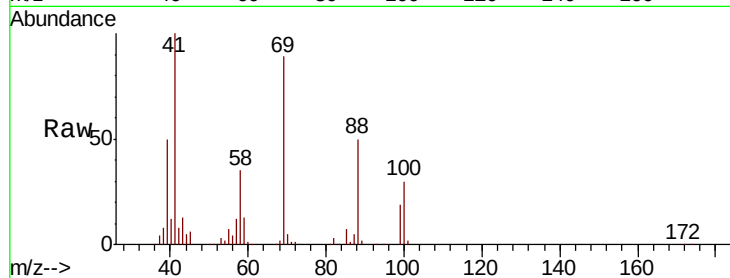




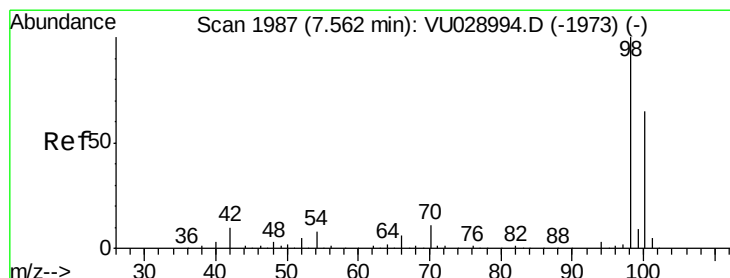
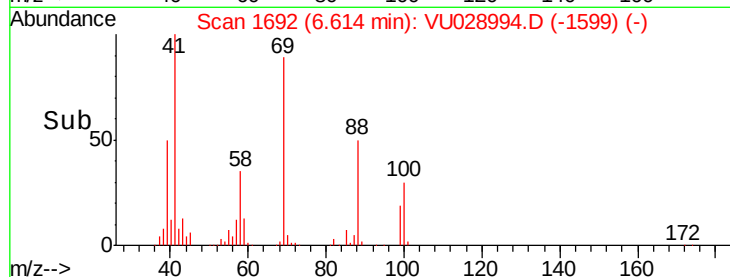
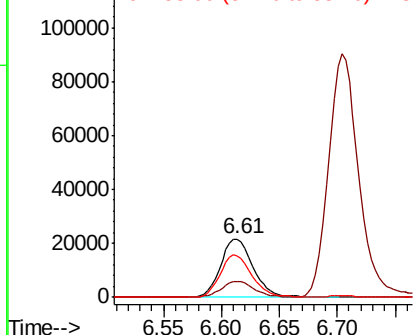
#49
1,4-Dioxane
Concen: 1012.750 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 41687
Ion Ratio Lower Upper
88 100
43 28.7 23.0 34.4
58 72.4 57.9 86.9

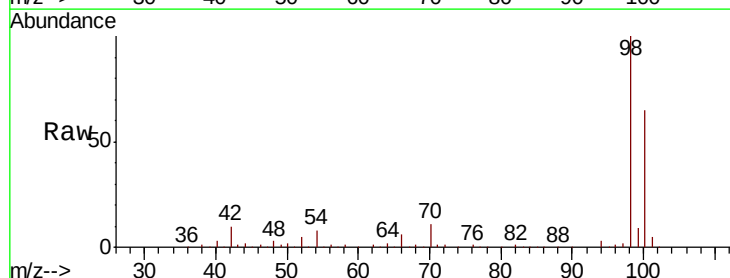


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

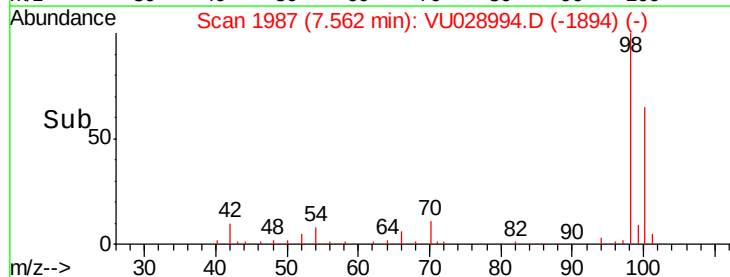
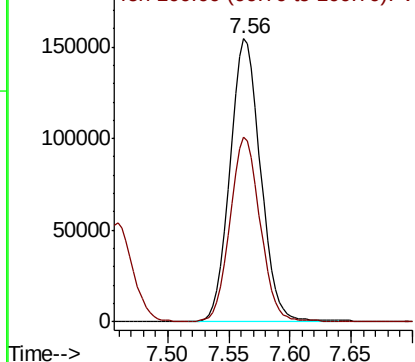


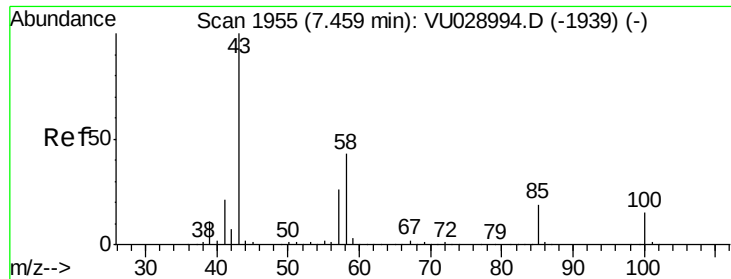
#50
Toluene-d8
Concen: 49.747 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion: 98 Resp: 269825
Ion Ratio Lower Upper
98 100
100 64.5 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: 253.338 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

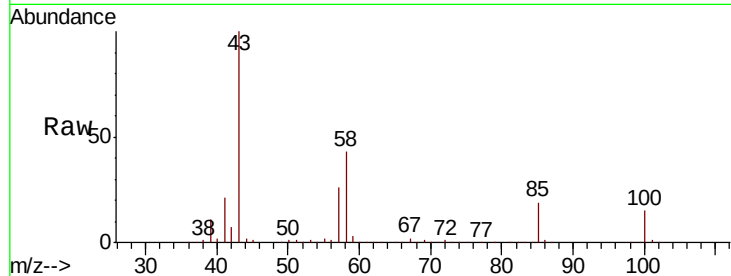
VSTDICCC050

Tgt Ion: 43 Resp: 615008

Ion Ratio Lower Upper

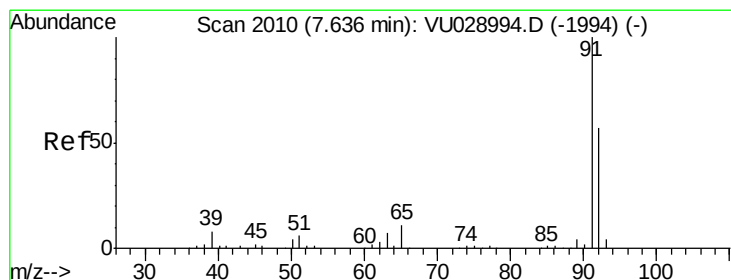
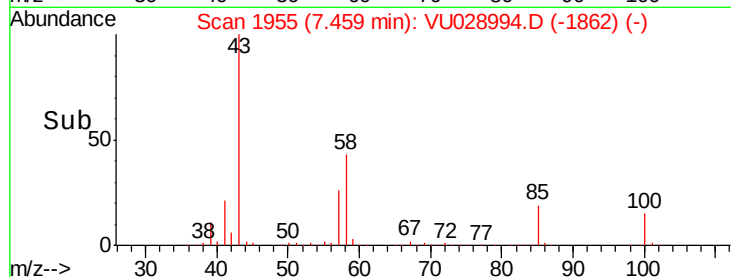
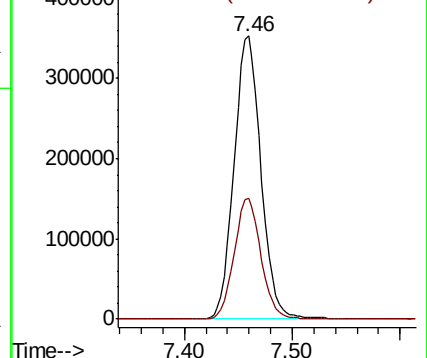
43 100

58 42.4 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: 49.344 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028994.D

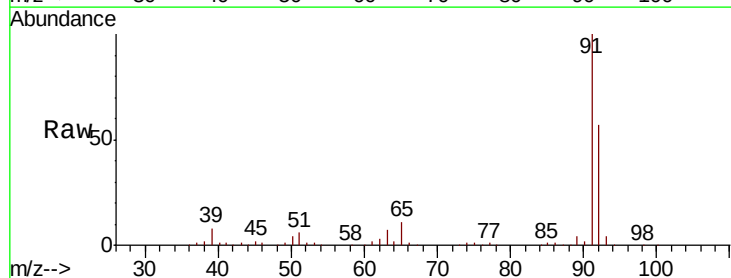
Acq: 03 Jan 2019 13:54

Tgt Ion: 92 Resp: 198503

Ion Ratio Lower Upper

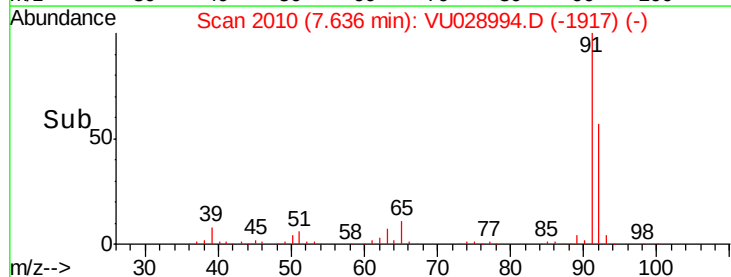
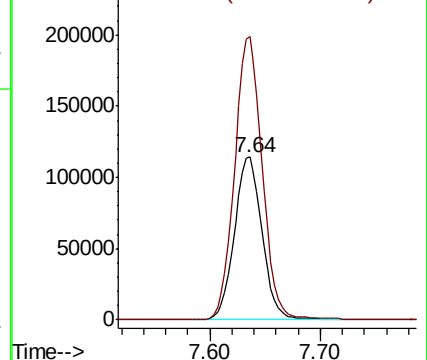
92 100

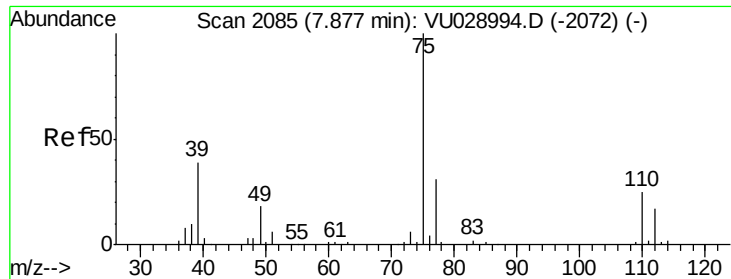
91 174.8 139.8 209.8



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: 49.065 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

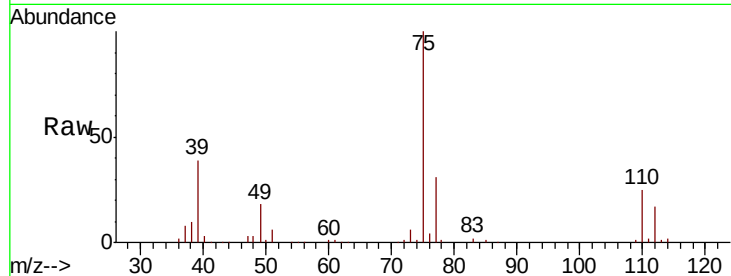
VSTDICCC050

Tgt Ion: 75 Resp: 121059

Ion Ratio Lower Upper

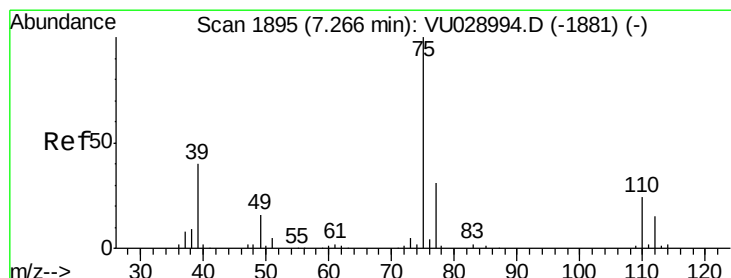
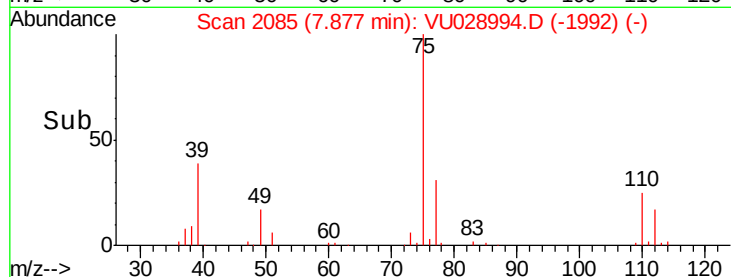
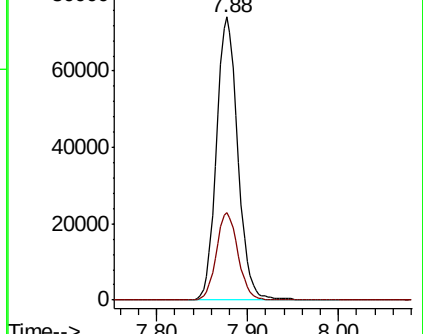
75 100

77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 49.759 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

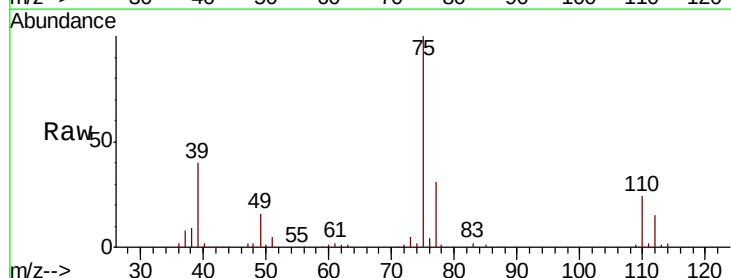
Tgt Ion: 75 Resp: 132662

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

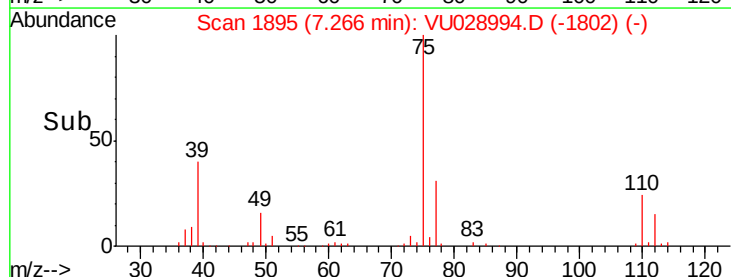
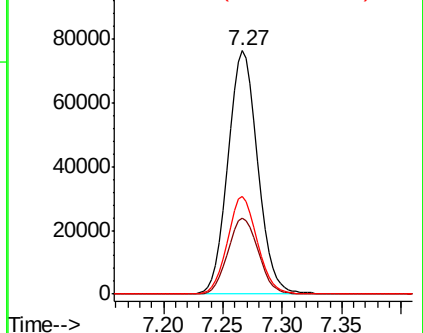
39 40.3 32.2 48.4

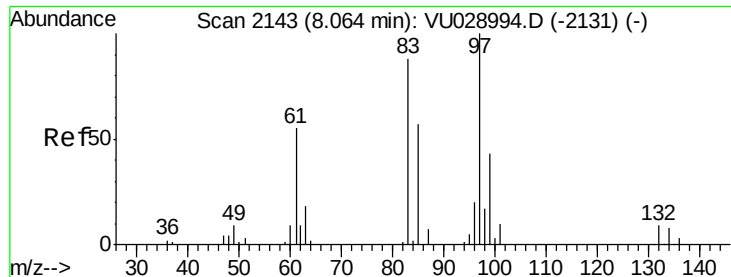


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

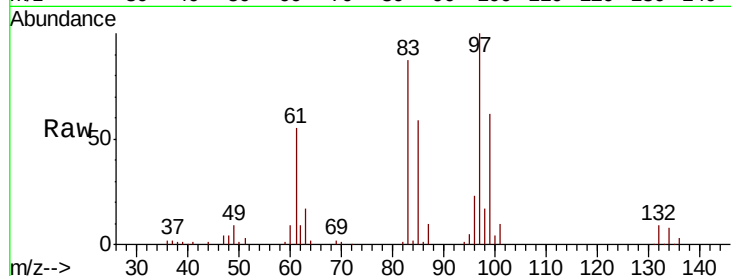




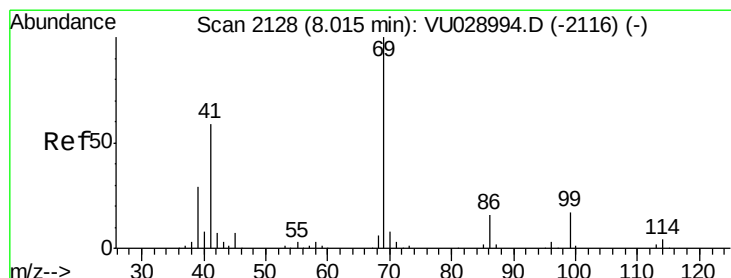
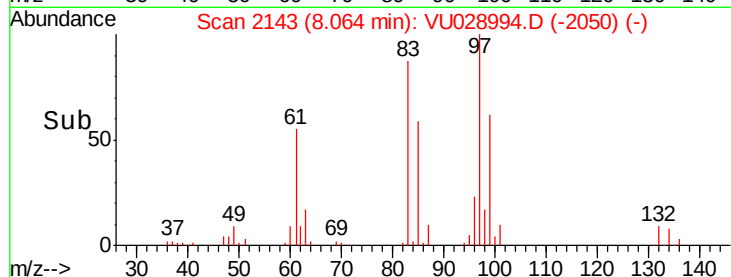
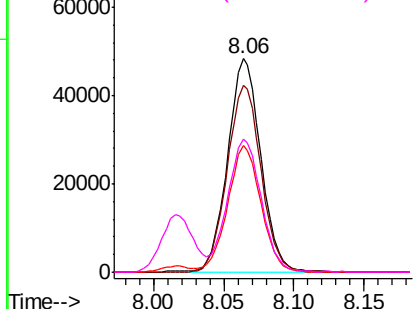
#55
 1,1,2-Trichloroethane
 Concen: 49.400 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	79613
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.8	104.8
85	59.1	47.3	70.9
99	62.1	49.7	74.5

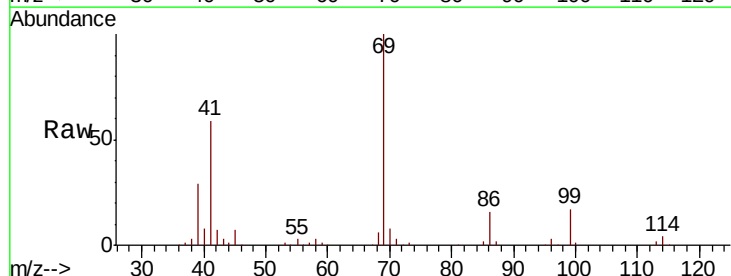


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

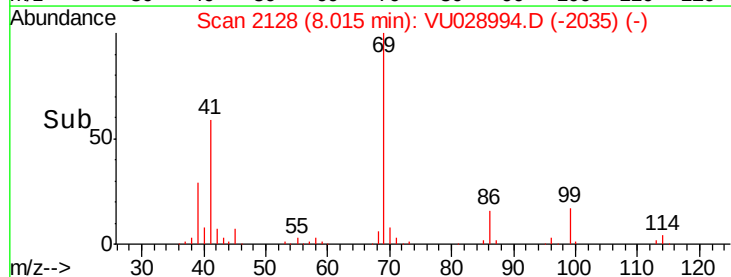
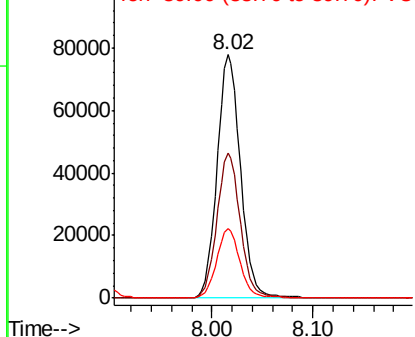


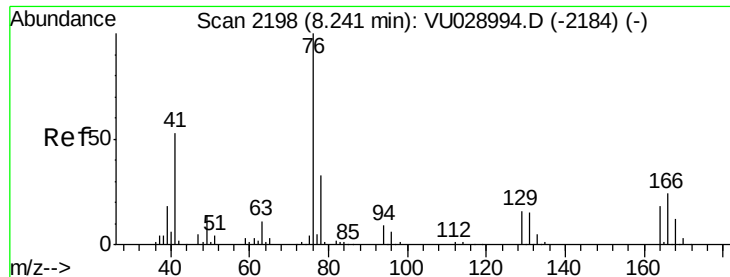
#56
 Ethyl methacrylate
 Concen: 50.738 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion:	69	Resp:	125976
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.5	71.3
39	28.1	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

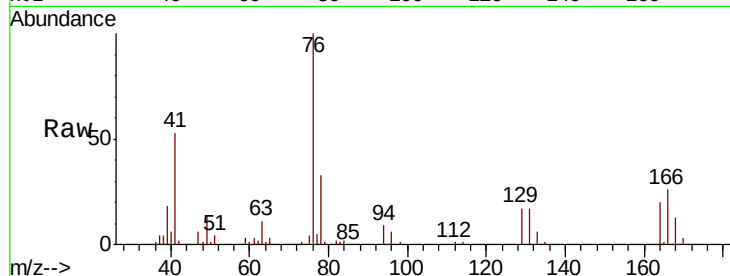




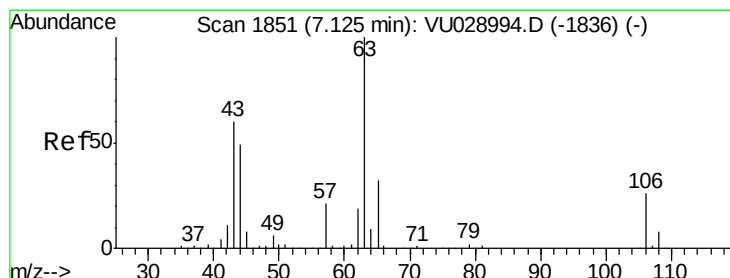
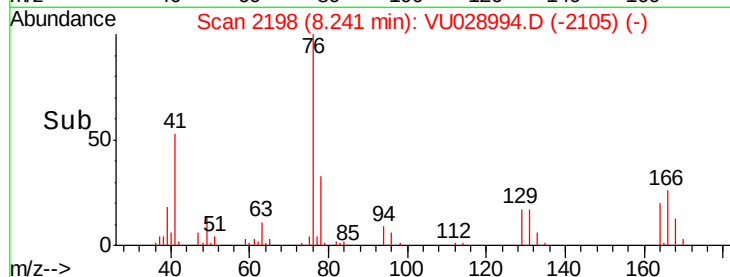
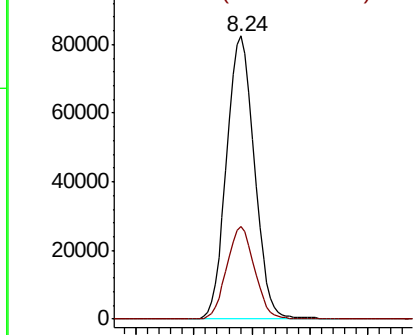
#57
 1,3-Dichloropropane
 Concen: 49.704 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 137065
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0

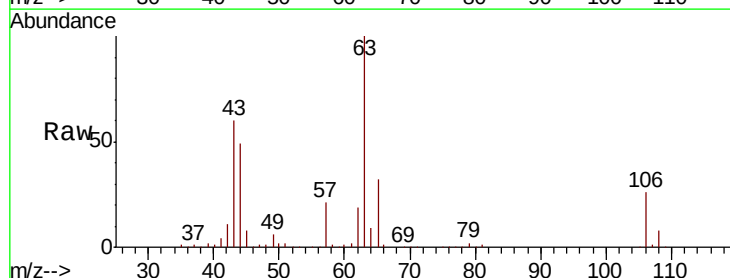


Abundance Ion 75.90 (75.60 to 76.60): VU0
 Ion 77.90 (77.60 to 78.60): VU0

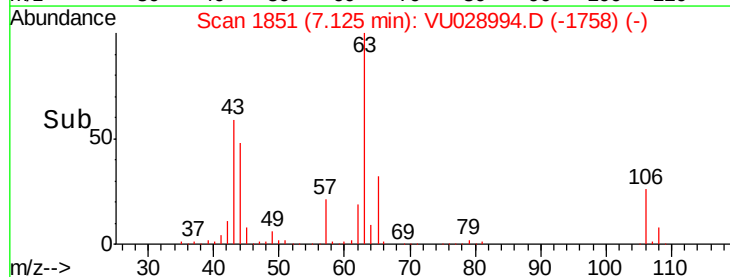
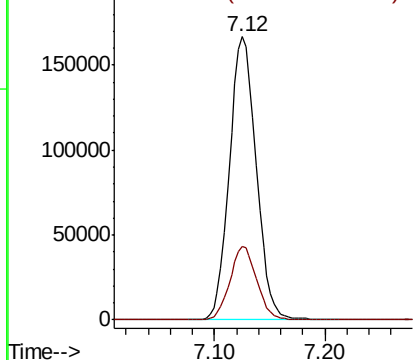


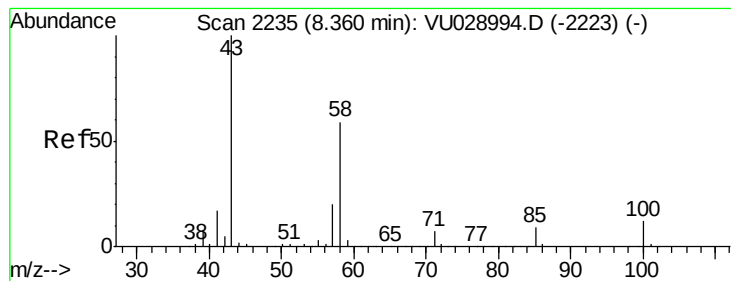
#58
 2-Chloroethyl Vinyl ether
 Concen: 258.006 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 63 Resp: 281720
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.6 31.0



Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 252.817 ug/l

RT: 8.36 min Scan# 2235

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

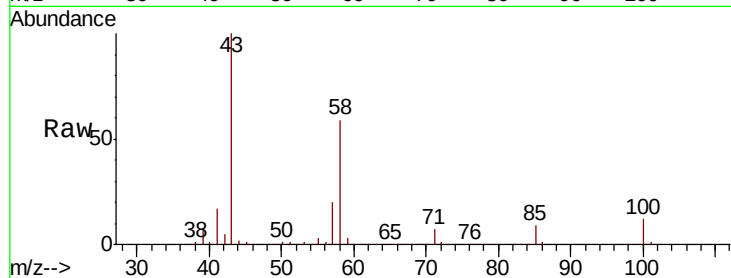
VSTDICCC050

Tgt Ion: 43 Resp: 481767

Ion Ratio Lower Upper

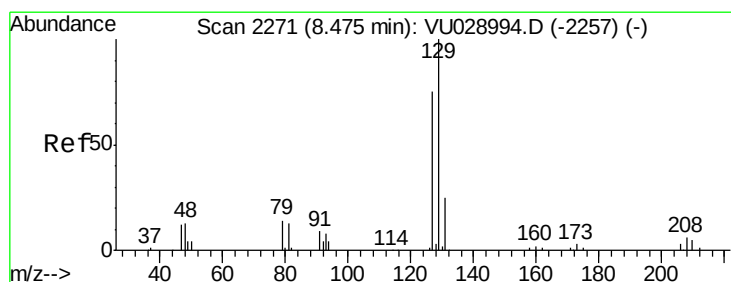
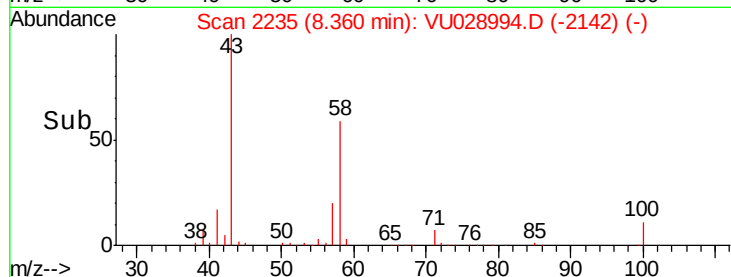
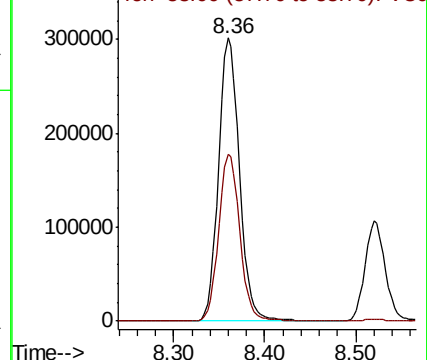
43 100

58 59.6 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-2223) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-2223) (-)



#60

Dibromochloromethane

Concen: 49.700 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU028994.D

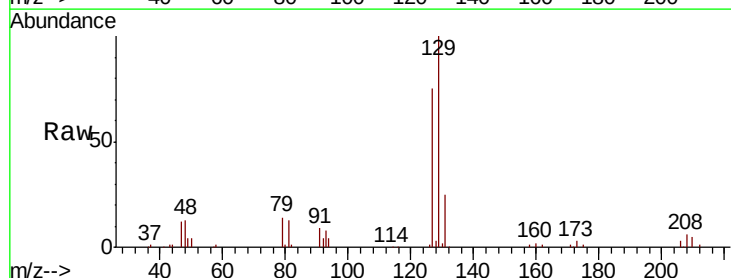
Acq: 03 Jan 2019 13:54

Tgt Ion: 129 Resp: 79353

Ion Ratio Lower Upper

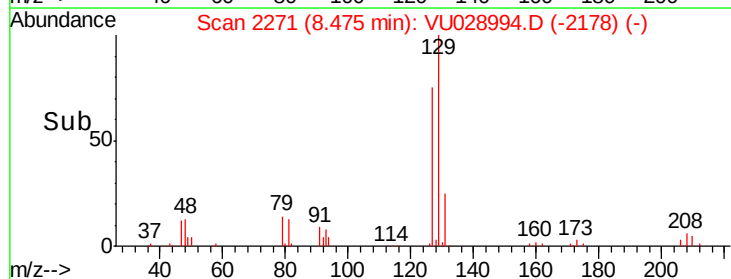
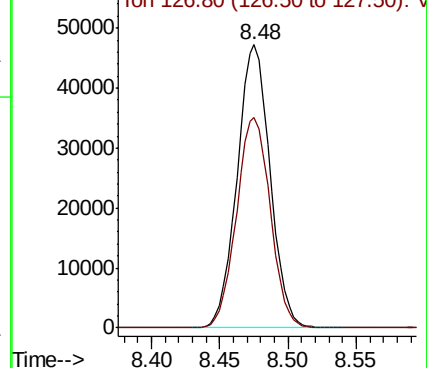
129 100

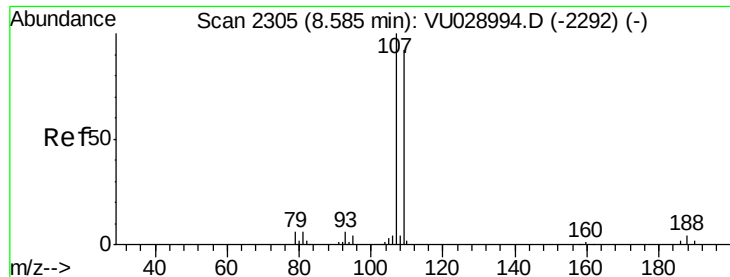
127 76.0 38.0 114.0



Abundance Ion 128.80 (128.50 to 129.50): VU028994.D (-2257) (-)

Ion 126.80 (126.50 to 127.50): VU028994.D (-2257) (-)

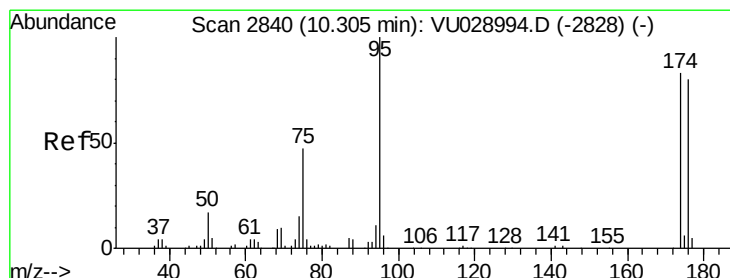
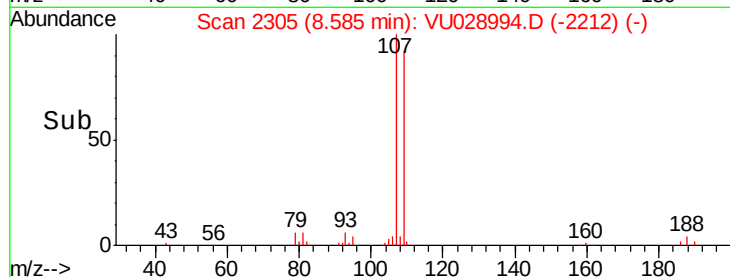
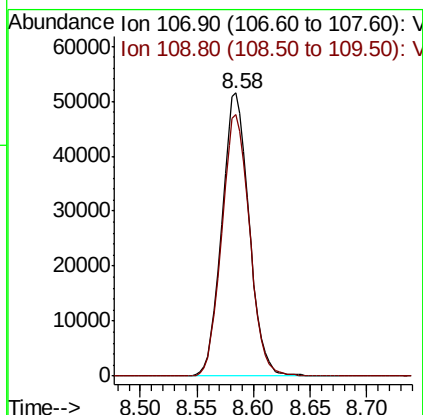
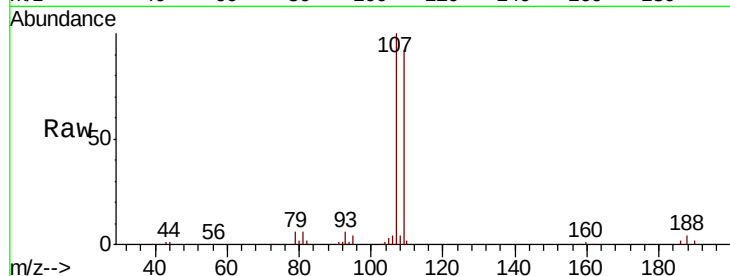




#61
 1,2-Dibromoethane
 Concen: 49.469 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

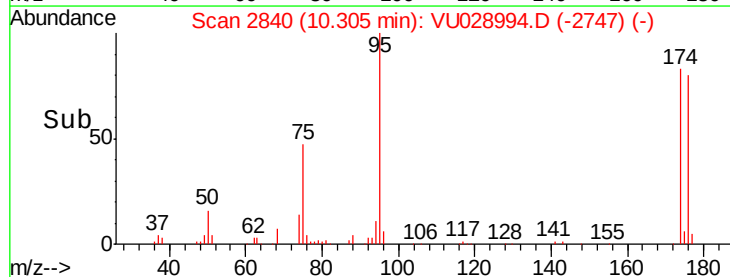
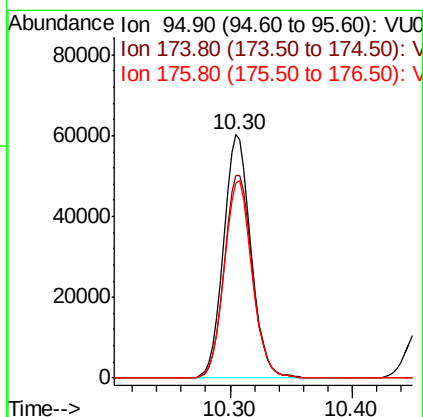
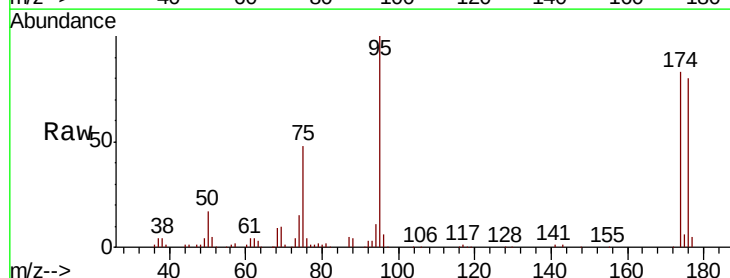
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

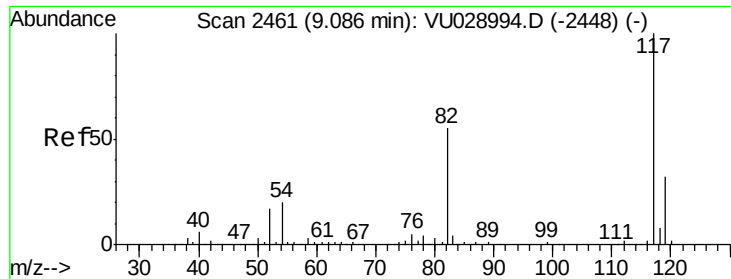
Tgt Ion: 107 Resp: 86466
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 48.899 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 95 Resp: 95317
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 170.6
 176 82.5 0.0 165.0

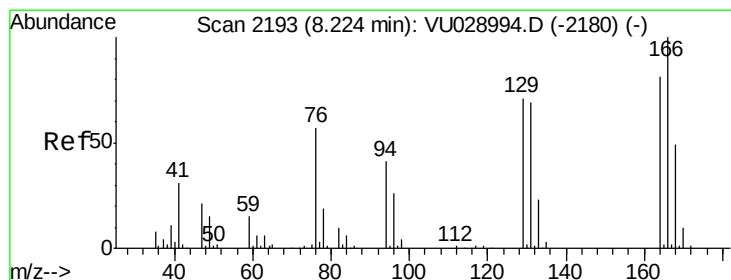
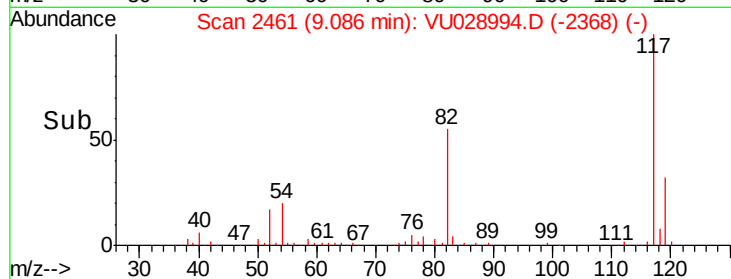
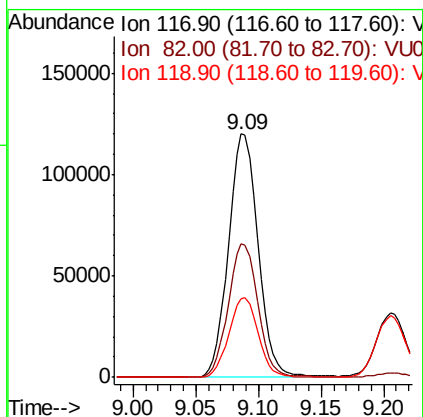
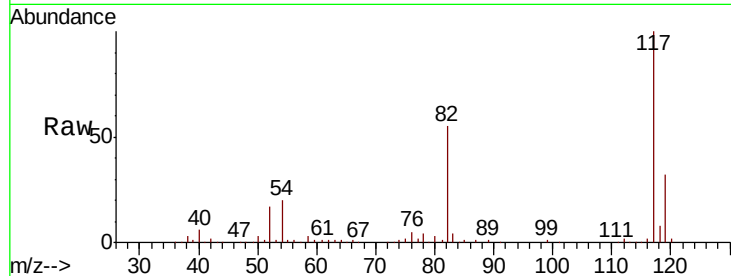




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

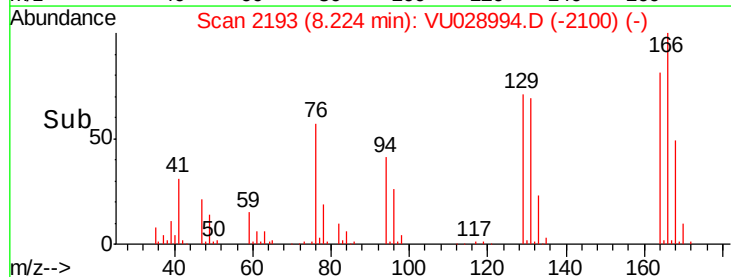
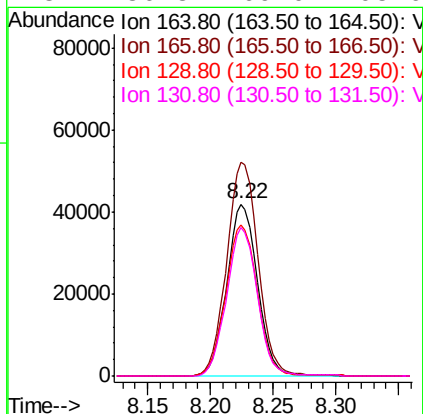
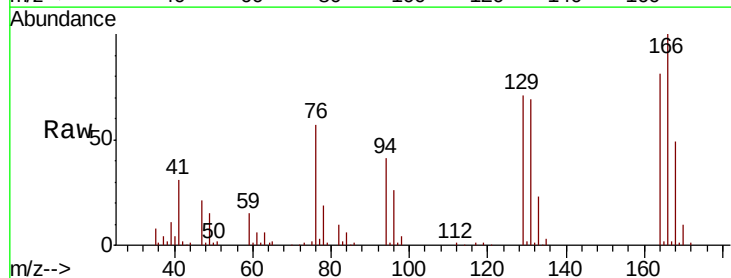
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

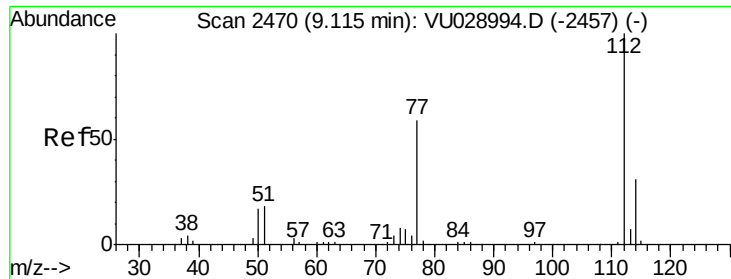
Tgt Ion:117 Resp: 197665
Ion Ratio Lower Upper
117 100
82 54.9 43.9 65.9
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 50.118 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion:164 Resp: 71362
Ion Ratio Lower Upper
164 100
166 124.2 99.4 149.0
129 88.1 70.5 105.7
131 86.3 69.0 103.6





#65

Chlorobenzene

Concen: 48.112 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

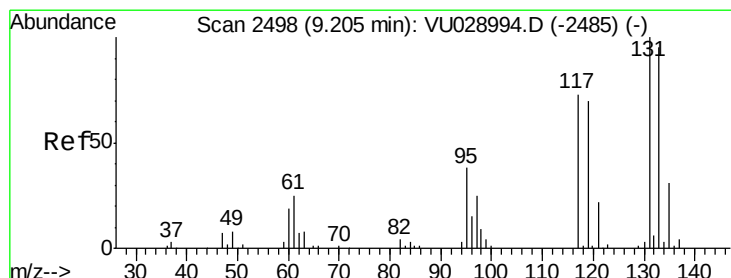
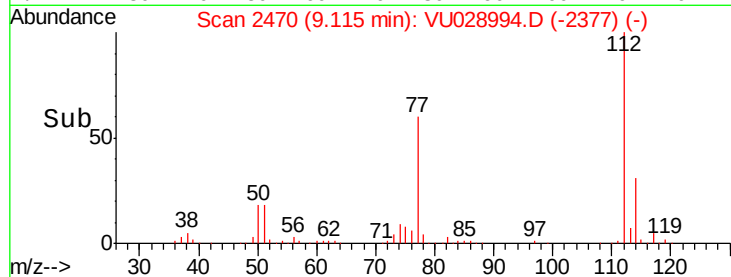
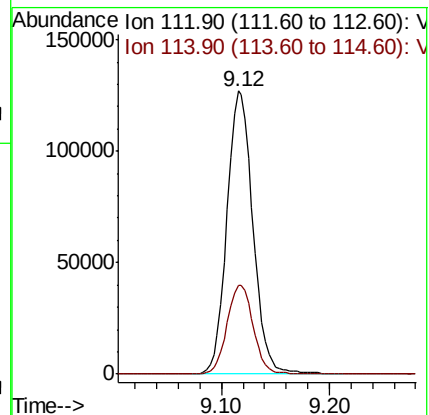
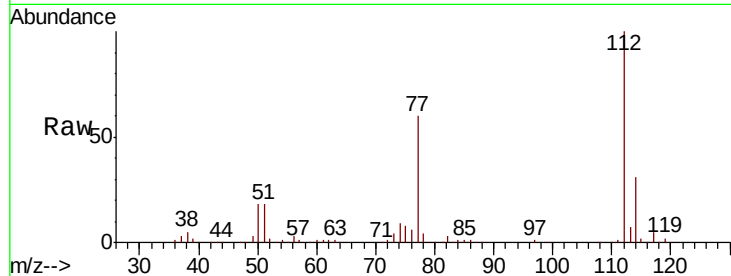
VSTDICCC050

Tgt Ion:112 Resp: 213173

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.792 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

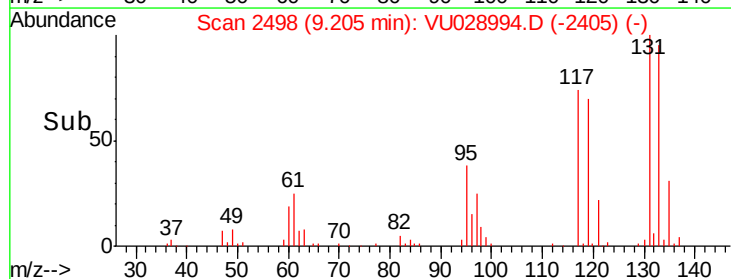
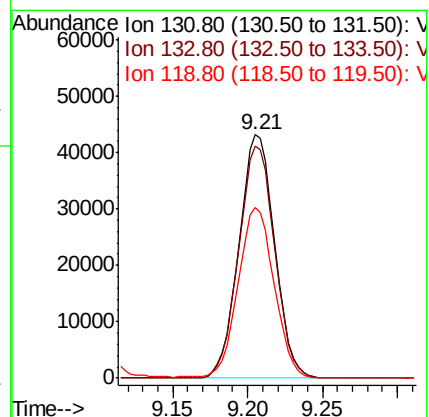
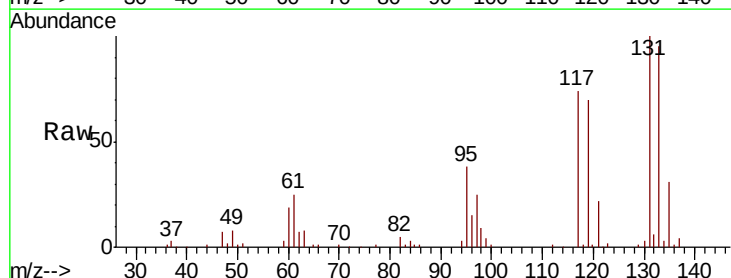
Tgt Ion:131 Resp: 71594

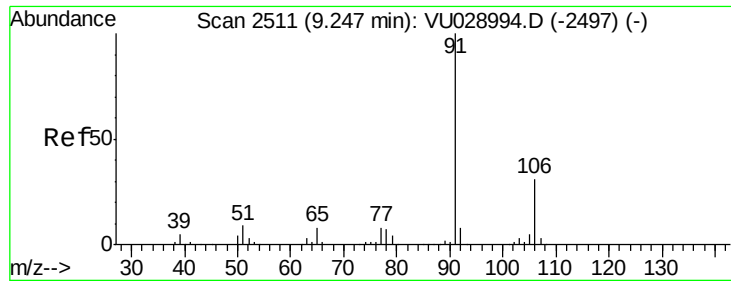
Ion Ratio Lower Upper

131 100

133 96.4 48.2 144.6

119 70.9 35.4 106.3

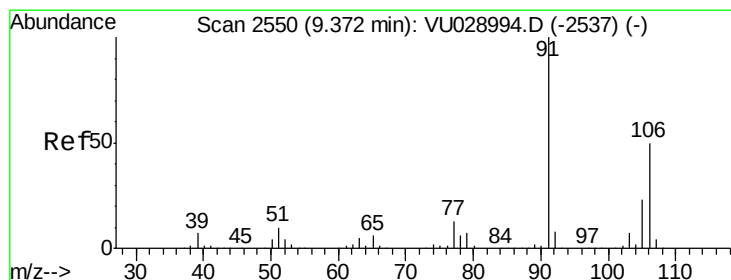
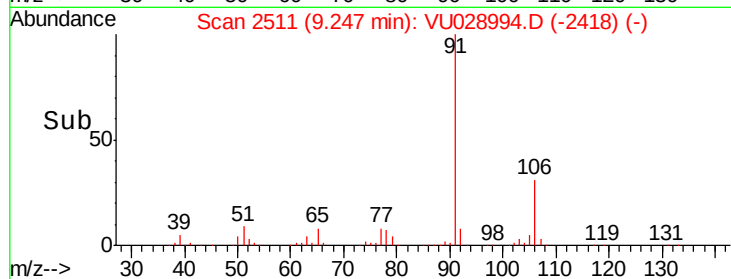
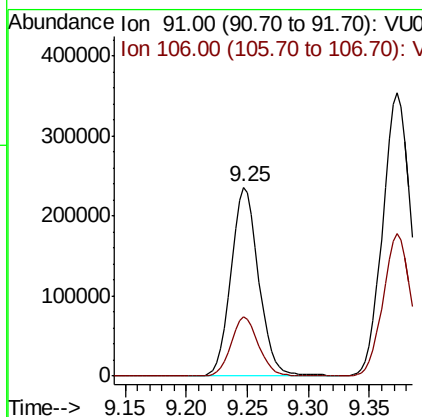
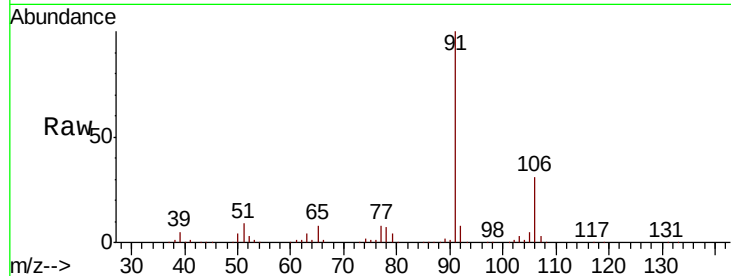




#67
 Ethyl Benzene
 Concen: 50.633 ug/l
 RT: 9.25 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

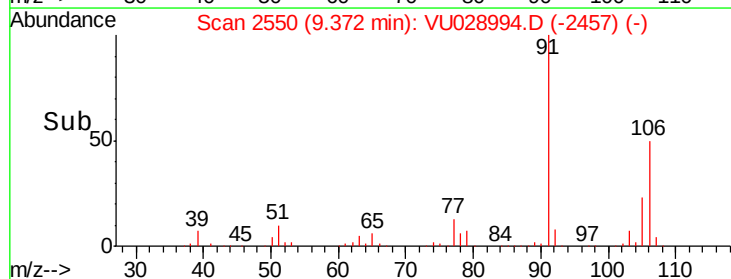
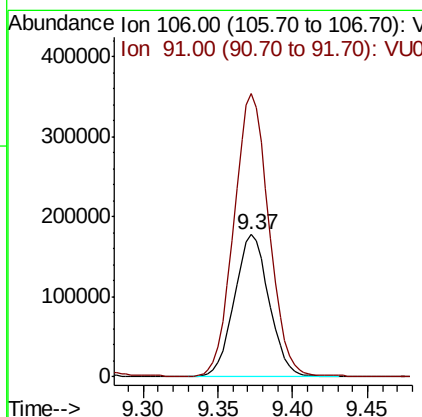
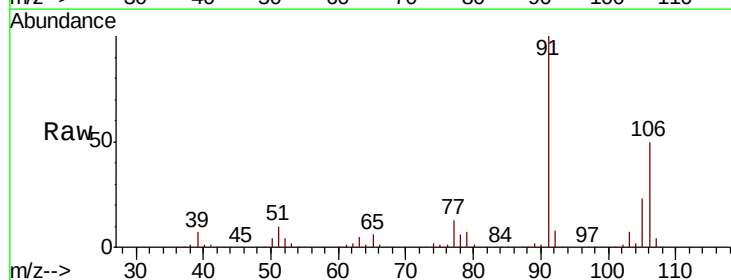
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

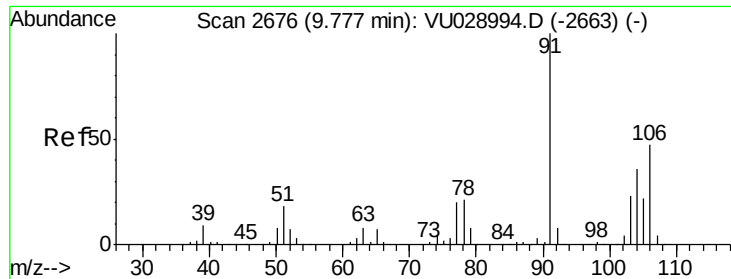
Tgt Ion: 91 Resp: 374550
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.0 37.4



#68
 m/p-Xylenes
 Concen: 99.789 ug/l
 RT: 9.37 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 106 Resp: 286817
 Ion Ratio Lower Upper
 106 100
 91 202.1 161.7 242.5

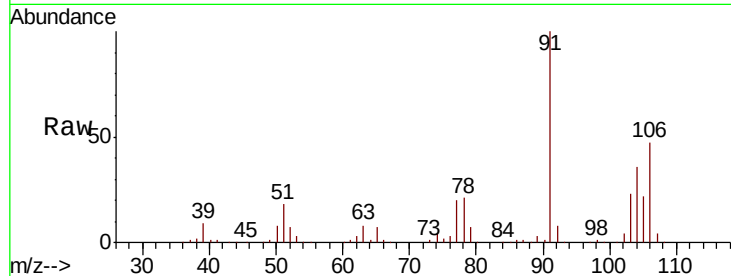




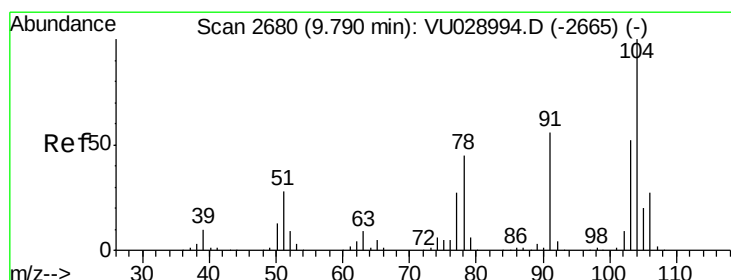
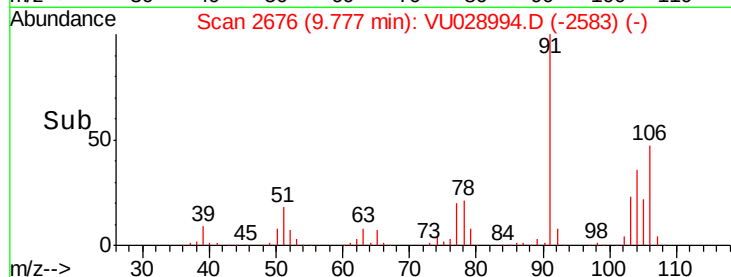
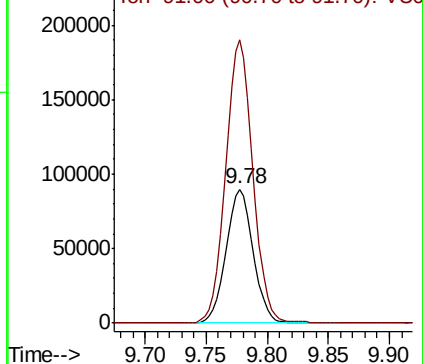
#69
o-Xylene
Concen: 50.496 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 139844
Ion Ratio Lower Upper
106 100
91 212.2 106.1 318.3

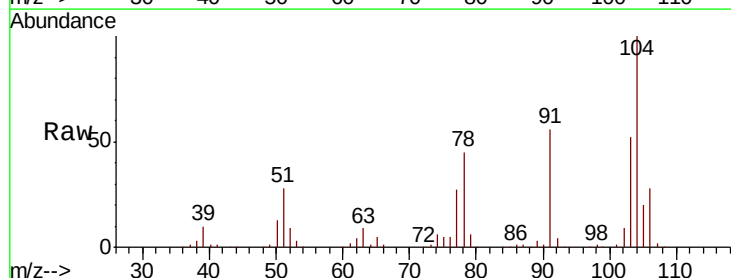


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

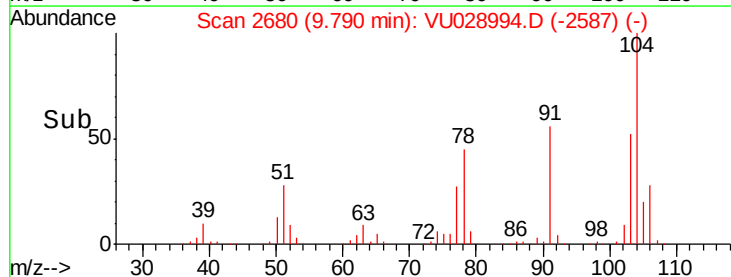
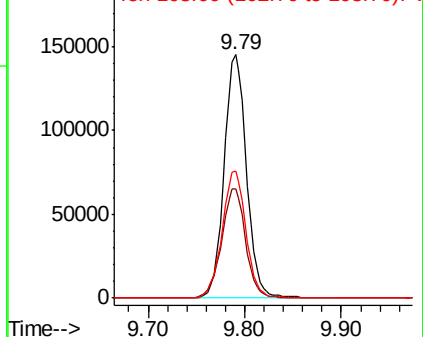


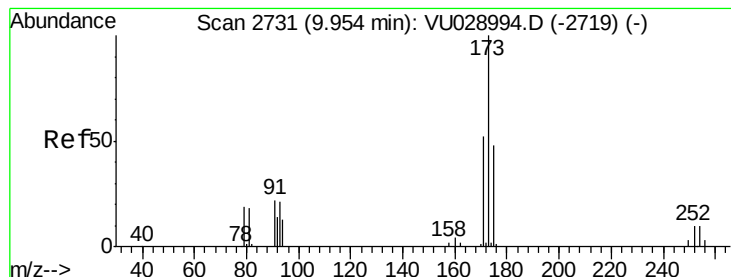
#70
Styrene
Concen: 51.309 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion:104 Resp: 232943
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 55.6 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: 51.309 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

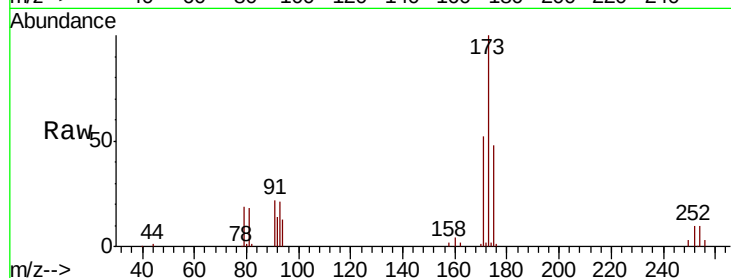
Tgt Ion:173 Resp: 65690

Ion Ratio Lower Upper

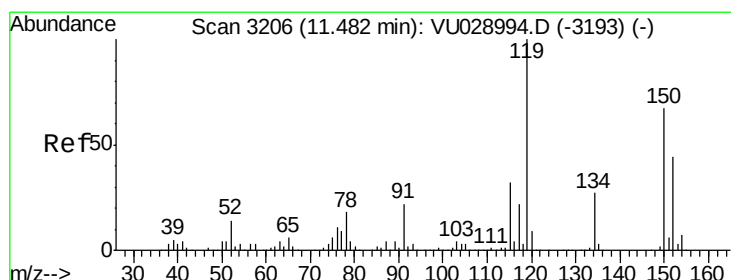
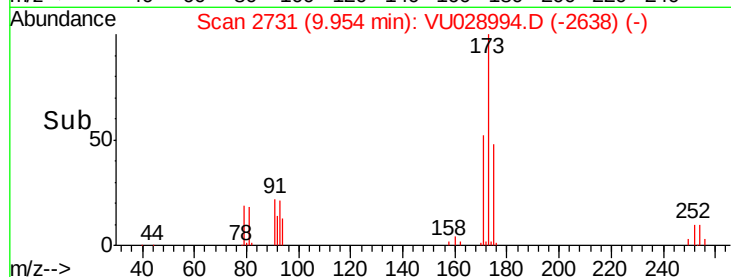
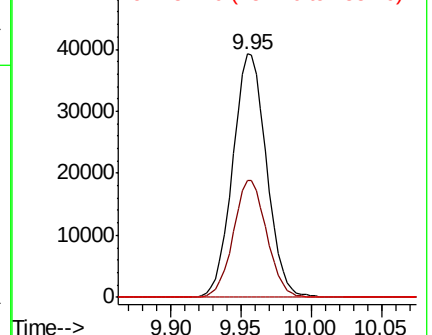
173 100

175 47.5 23.8 71.2

254 0.0 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: VU028994.D

Acq: 03 Jan 2019 13:54

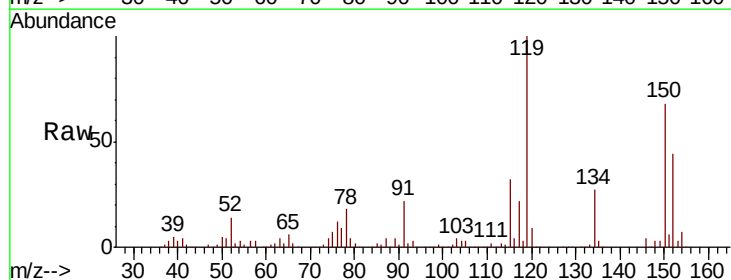
Tgt Ion:152 Resp: 100487

Ion Ratio Lower Upper

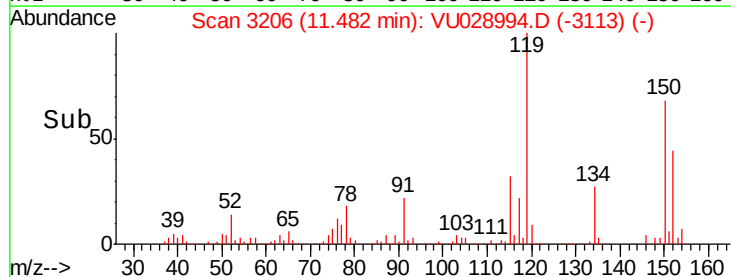
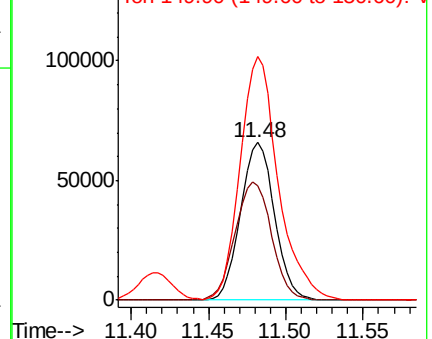
152 100

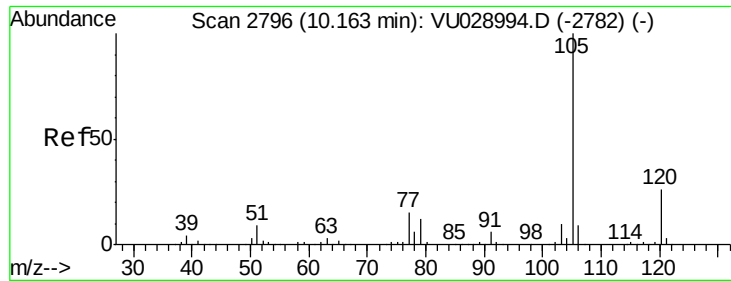
115 80.2 40.1 120.3

150 172.6 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: 49.073 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

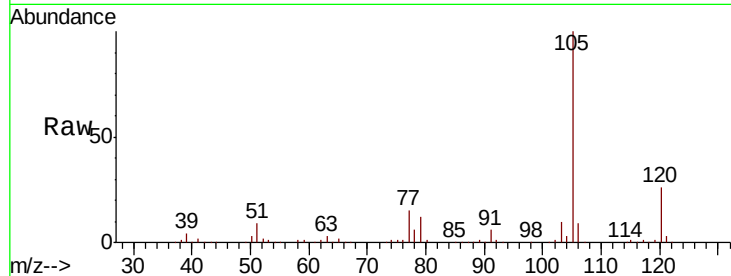
VSTDICCC050

Tgt Ion:105 Resp: 364996

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

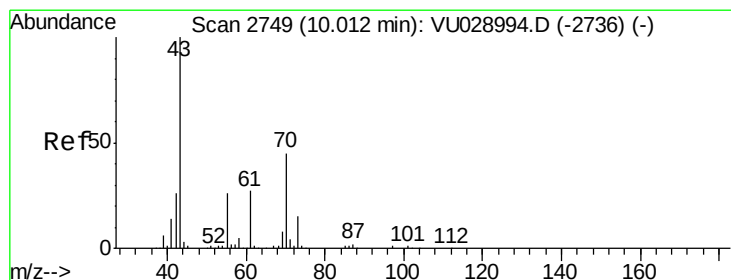
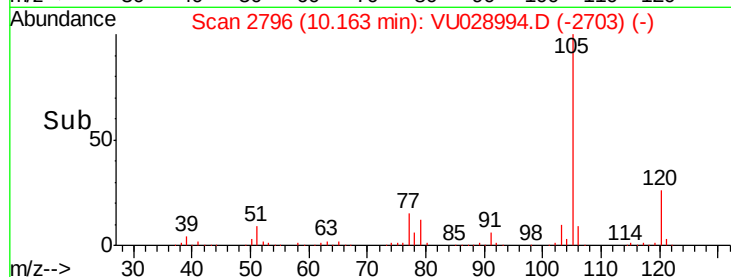
50000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 50.464 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Tgt Ion: 43 Resp: 161738

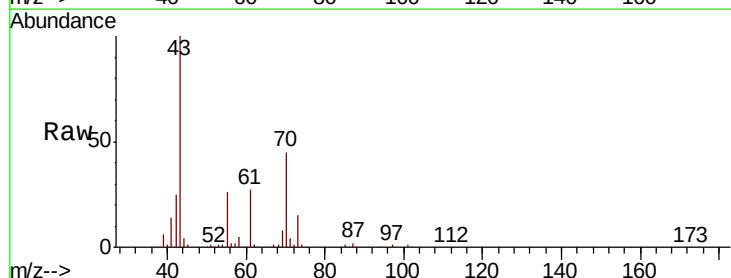
Ion Ratio Lower Upper

43 100

70 45.4 36.3 54.5

55 25.6 20.5 30.7

61 27.3 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

150000

100000

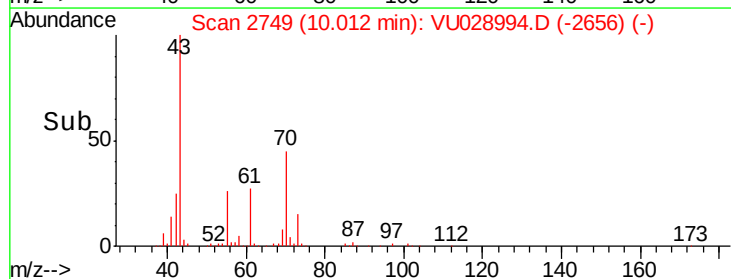
50000

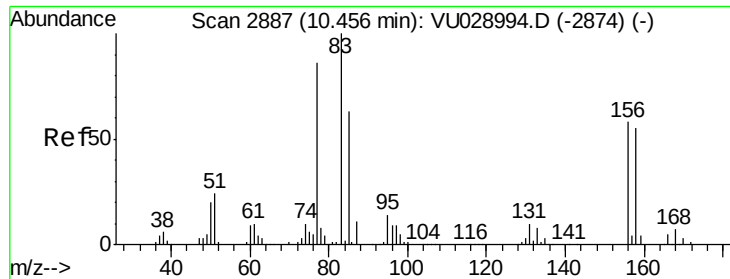
0

10.00

10.10

Time-->

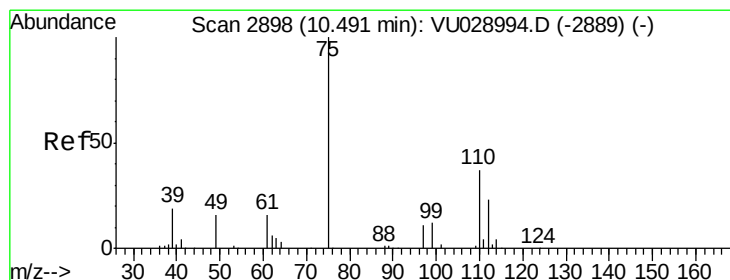
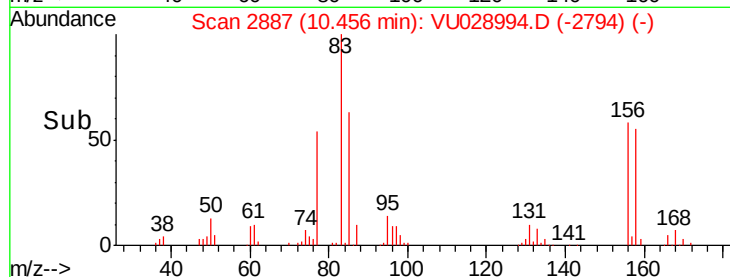
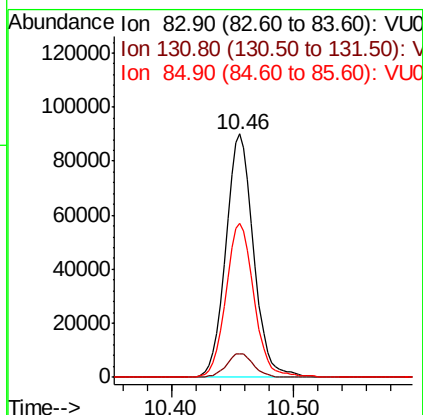
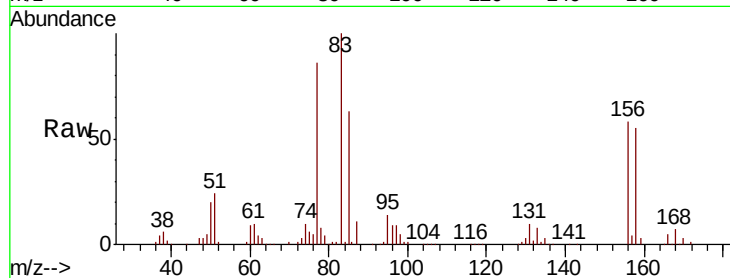




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.181 ug/l
 RT: 10.46 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

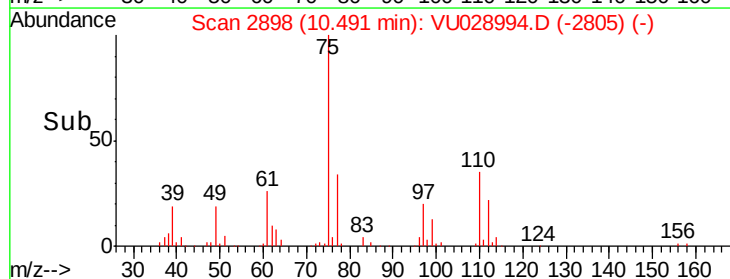
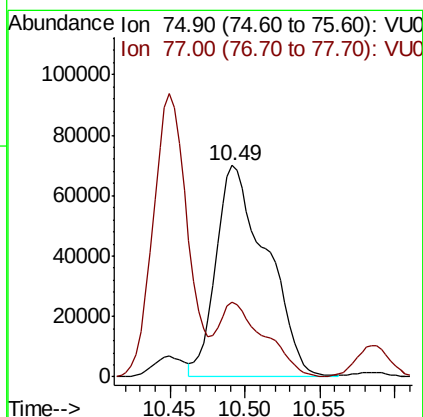
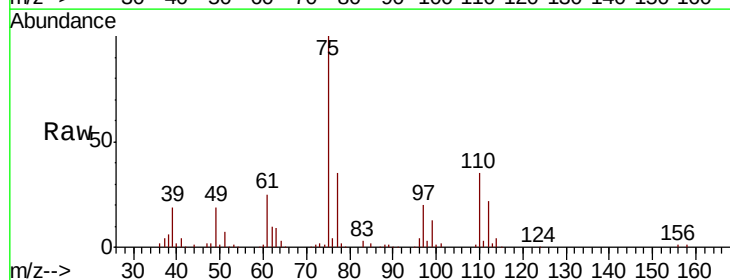
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

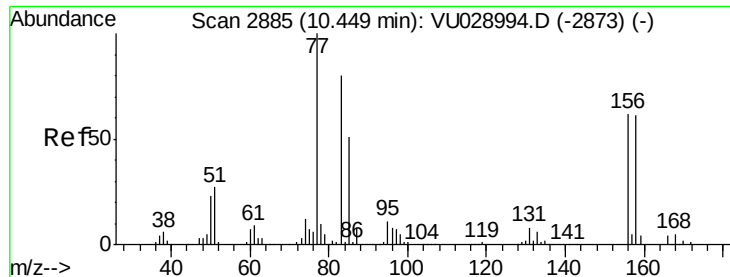
Tgt Ion: 83 Resp: 143625
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.1
 85 64.1 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 64.694 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 75 Resp: 164990
 Ion Ratio Lower Upper
 75 100
 77 31.0 20.9 62.8





#77

Bromobenzene

Concen: 48.343 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

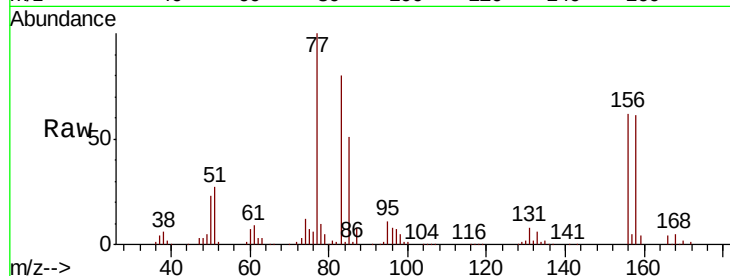
Tgt Ion:156 Resp: 93703

Ion Ratio Lower Upper

156 100

77 158.1 79.0 237.2

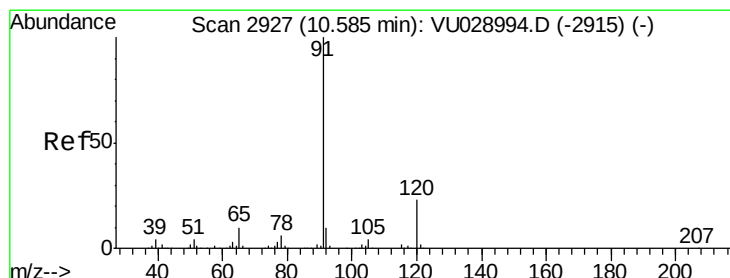
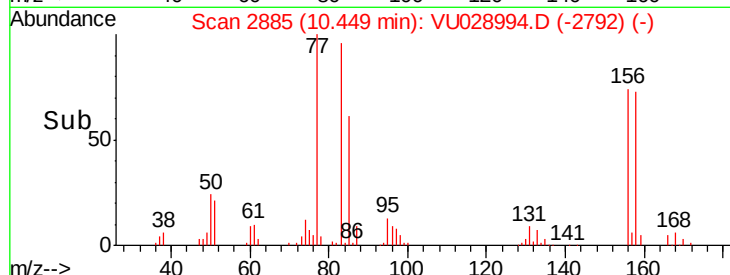
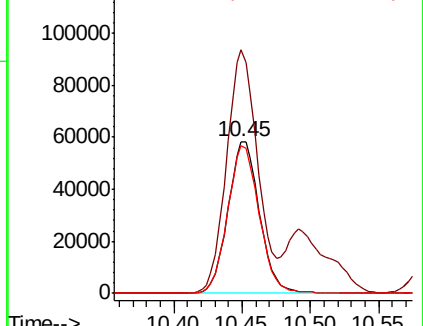
158 97.7 48.9 146.6



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: 49.973 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU028994.D

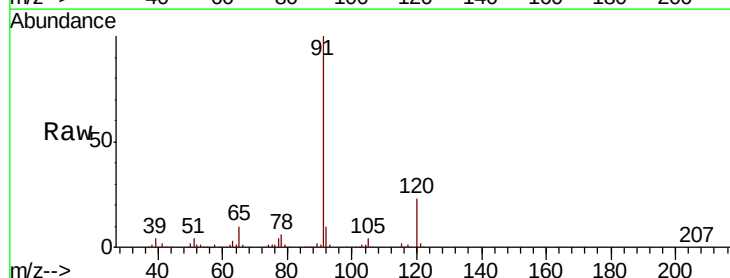
Acq: 03 Jan 2019 13:54

Tgt Ion: 91 Resp: 438031

Ion Ratio Lower Upper

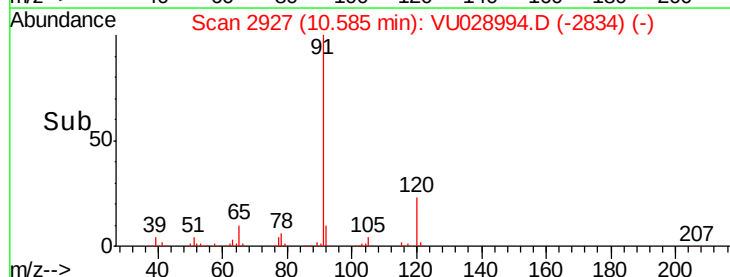
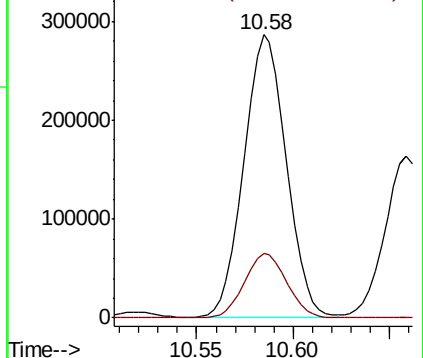
91 100

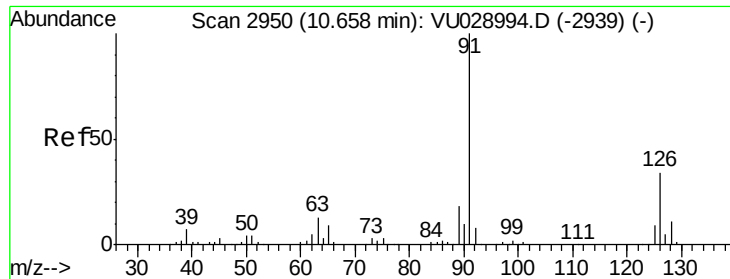
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

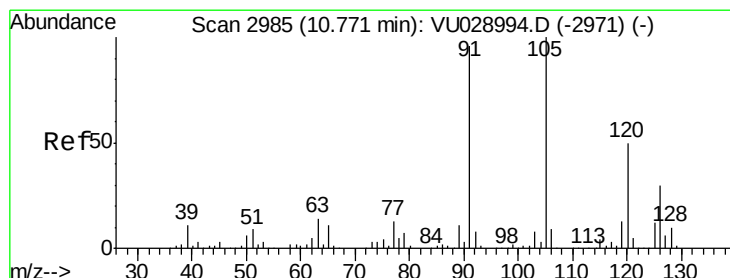
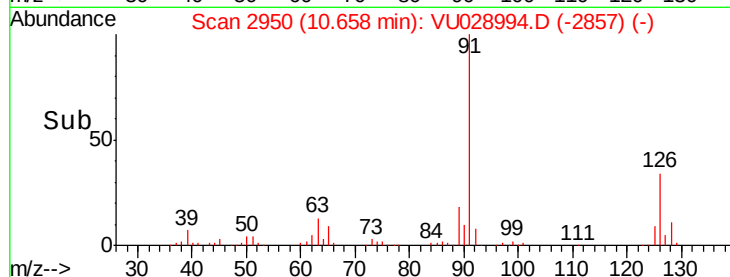
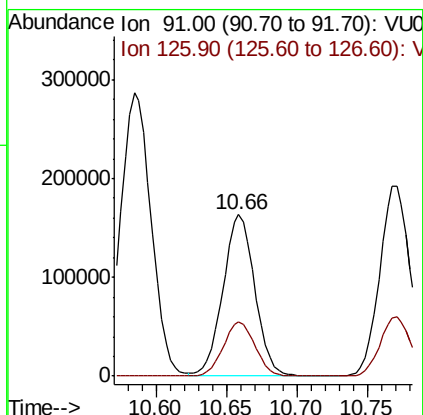
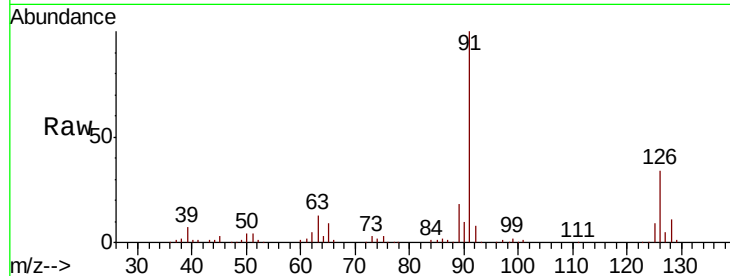




#79
 2-Chlorotoluene
 Concen: 48.503 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

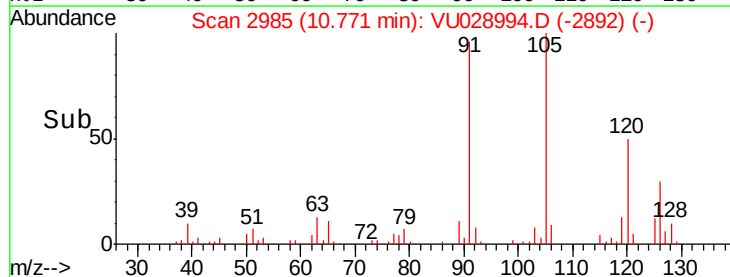
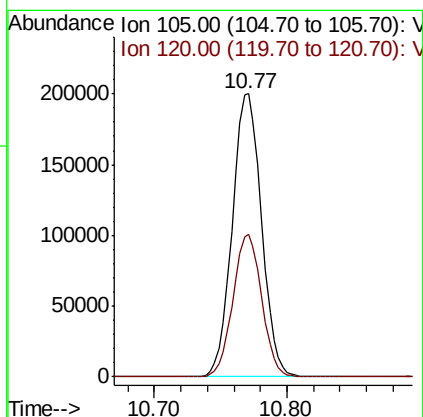
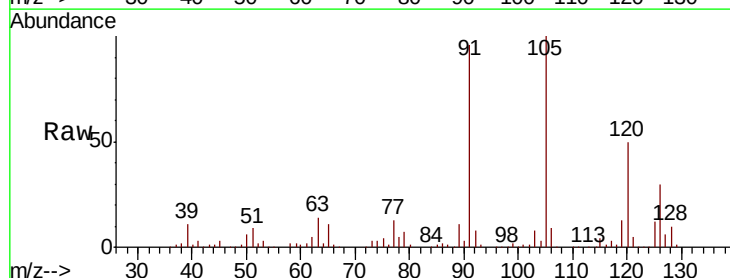
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

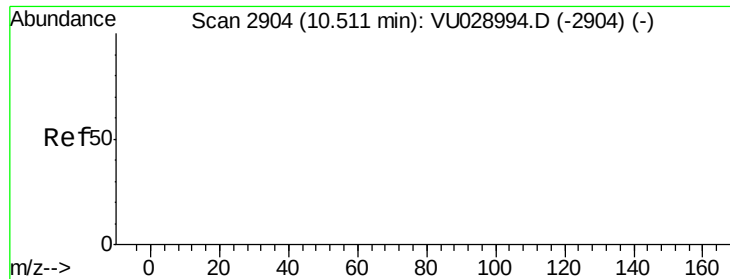
Tgt Ion: 91 Resp: 257898
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.227 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 105 Resp: 305758
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.8 74.4

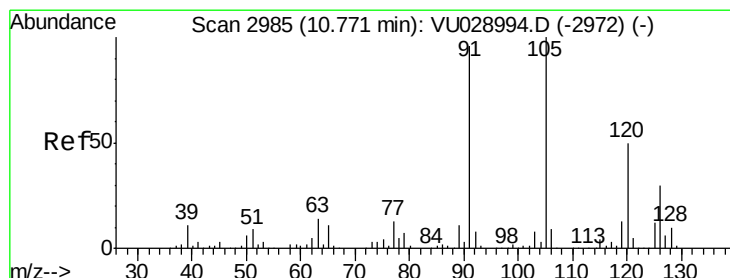
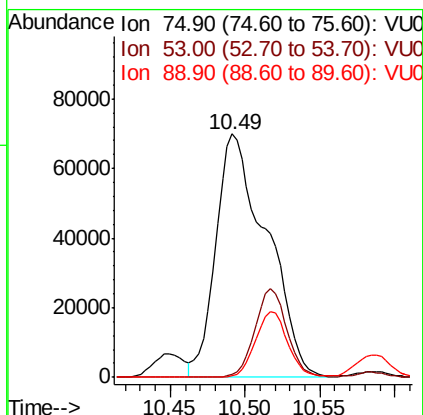
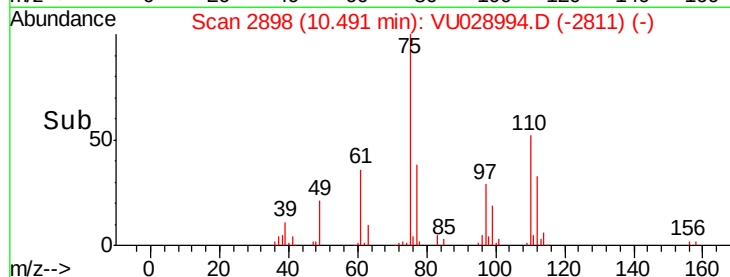
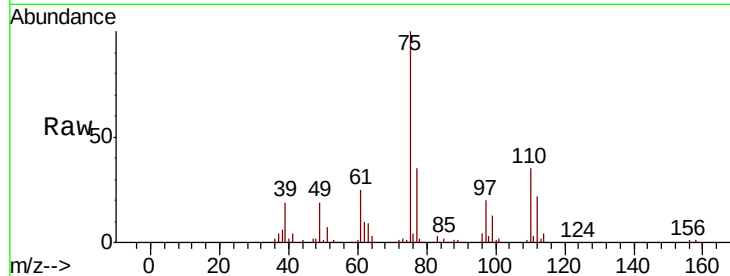




#81
trans-1,4-Dichloro-2-butene
Concen: 135.725 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

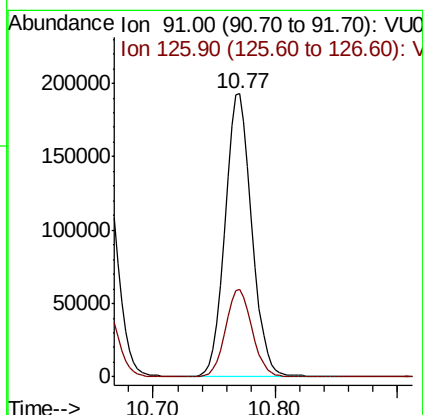
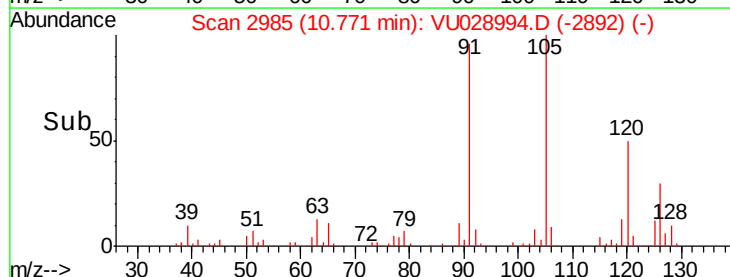
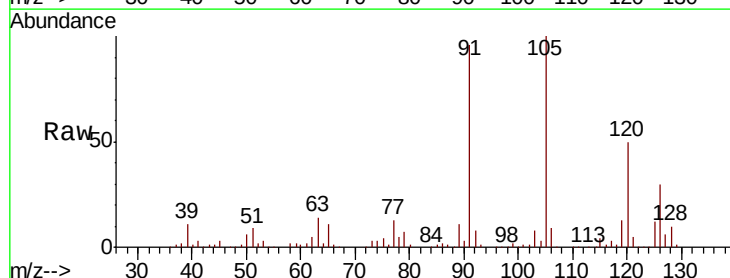
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

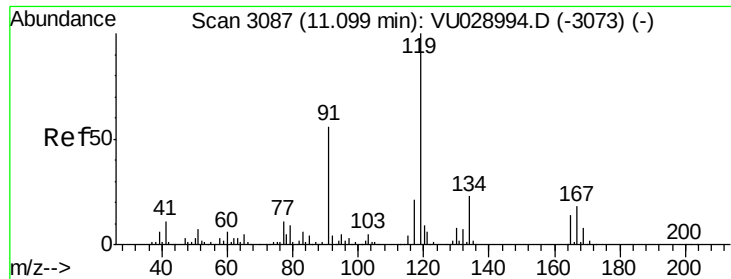
Tgt Ion: 75 Resp: 164990
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 48.493 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion: 91 Resp: 295660
Ion Ratio Lower Upper
91 100
126 31.0 15.5 46.5

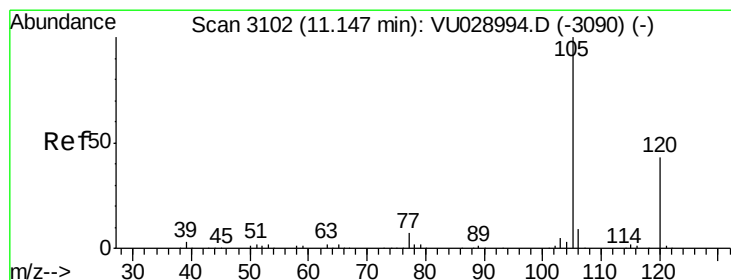
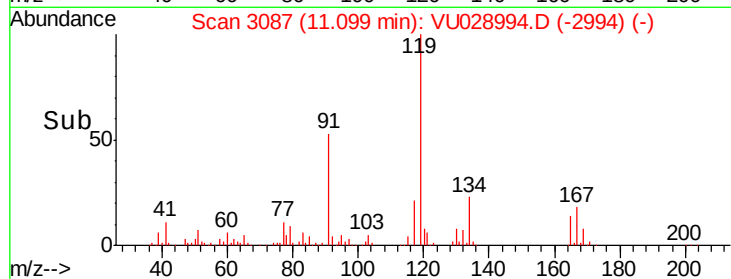
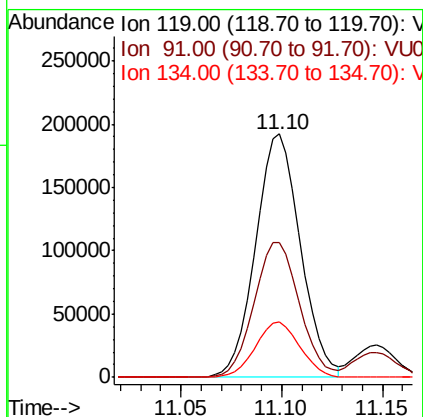
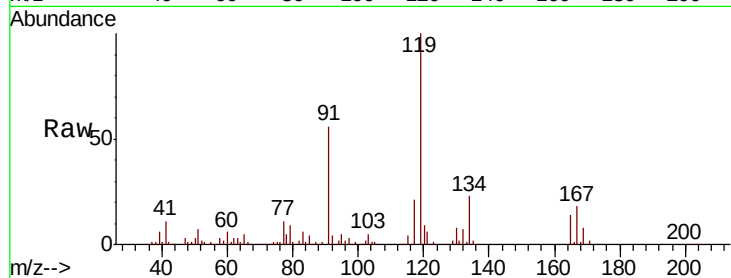




#83
 tert-Butylbenzene
 Concen: 48.707 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

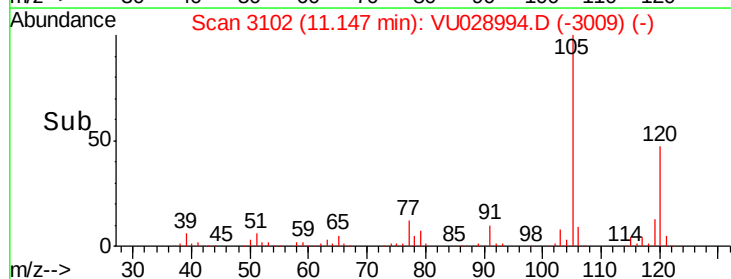
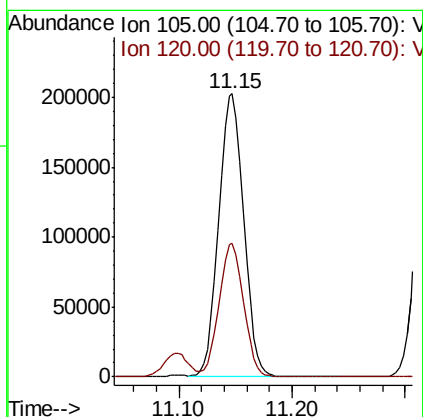
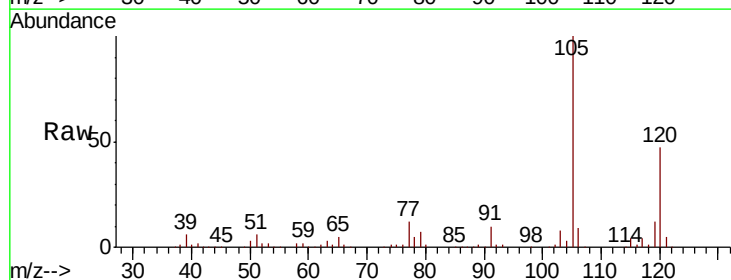
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

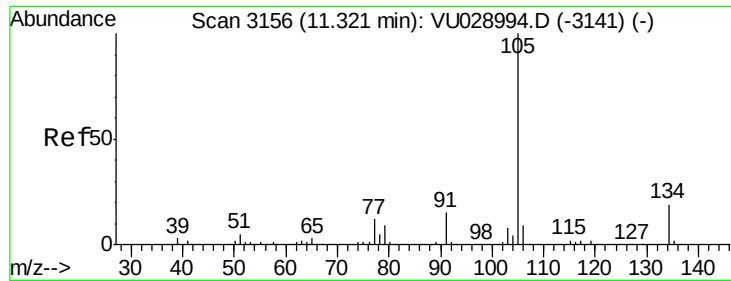
Tgt Ion:119 Resp: 298176
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.2 84.6
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.493 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion:105 Resp: 313119
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3

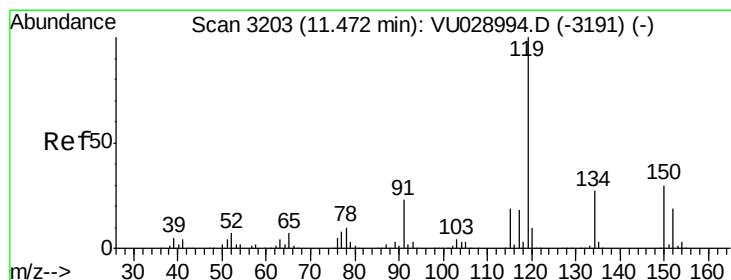
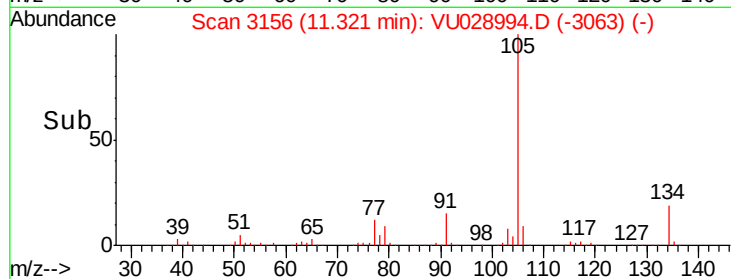
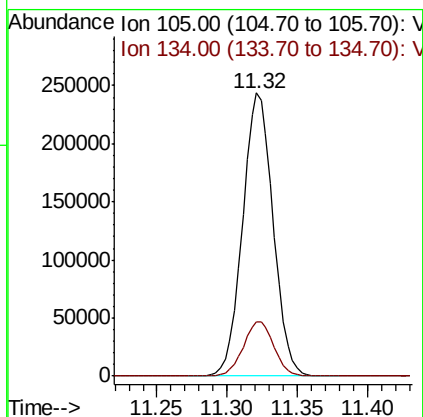
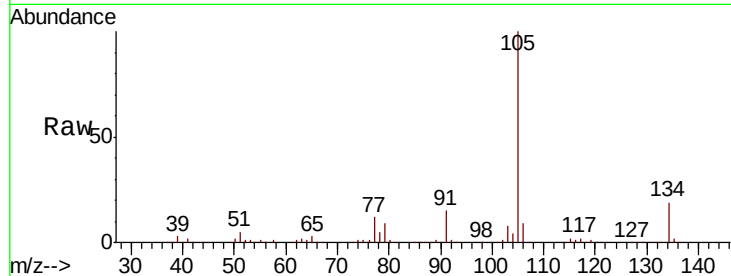




#85
 sec-Butylbenzene
 Concen: 49.712 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

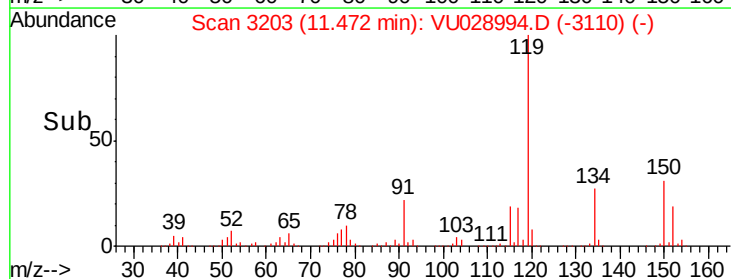
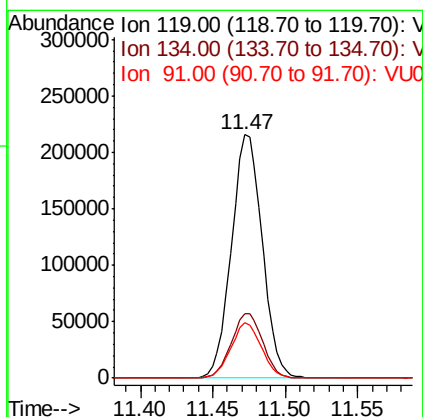
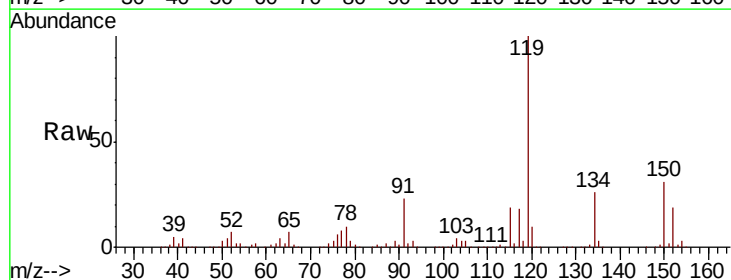
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

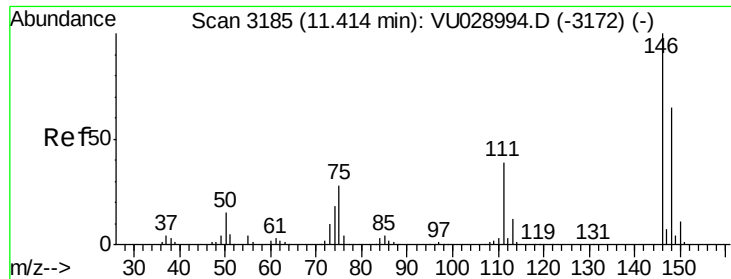
Tgt Ion:105 Resp: 368060
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 50.388 ug/l
 RT: 11.47 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion:119 Resp: 317896
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.5 11.3 33.8

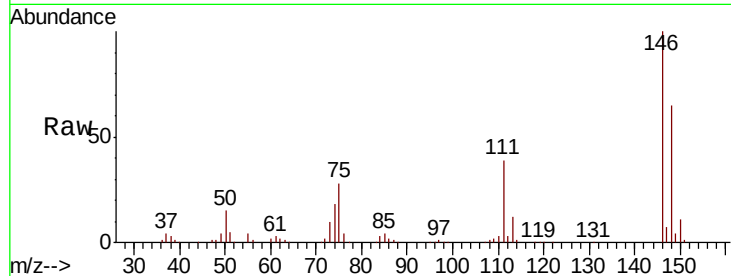




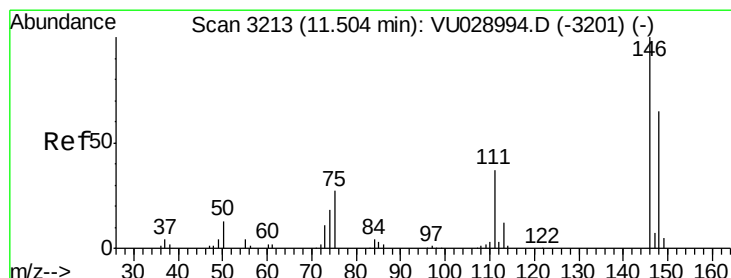
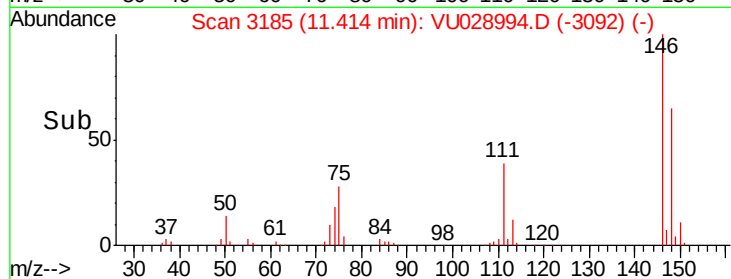
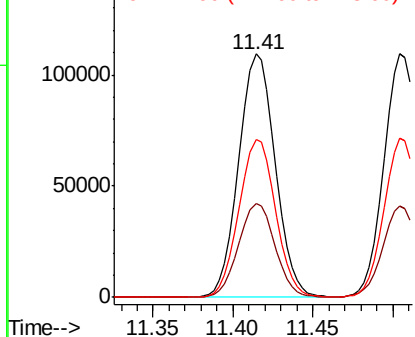
#87
 1,3-Dichlorobenzene
 Concen: 47.903 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 170308
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 65.0 32.5 97.5

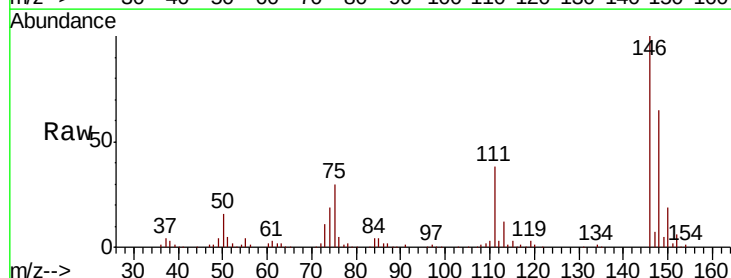


Abundance Ion 145.90 (145.60 to 146.60): V
 150000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

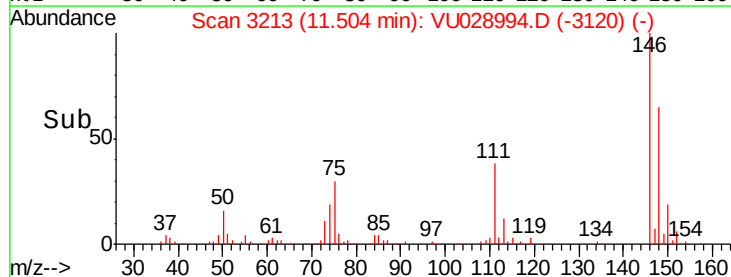
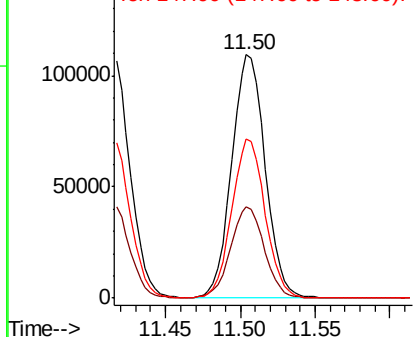


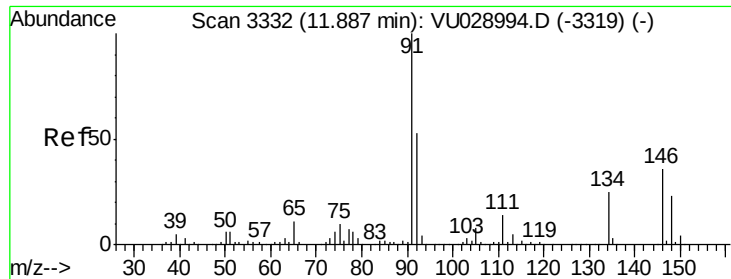
#88
 1,4-Dichlorobenzene
 Concen: 46.275 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion:146 Resp: 169822
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 65.3 32.6 98.0



Abundance Ion 145.90 (145.60 to 146.60): V
 150000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.430 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VU028994.D

Acq: 03 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

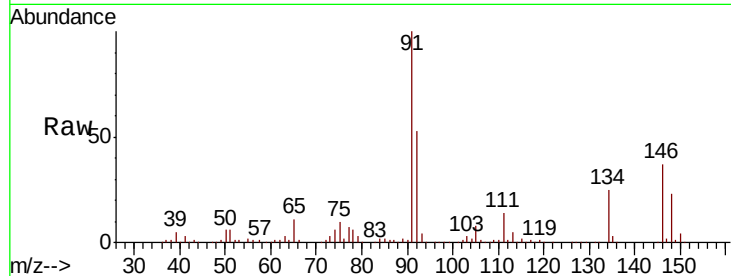
Tgt Ion: 91 Resp: 289597

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

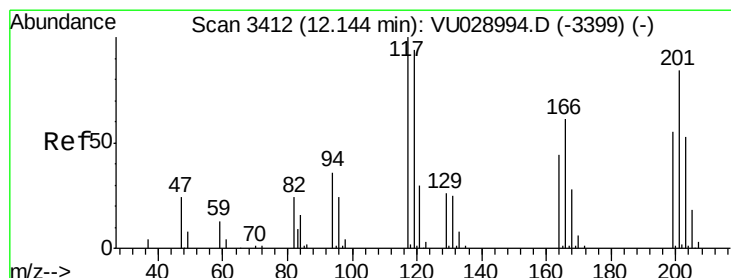
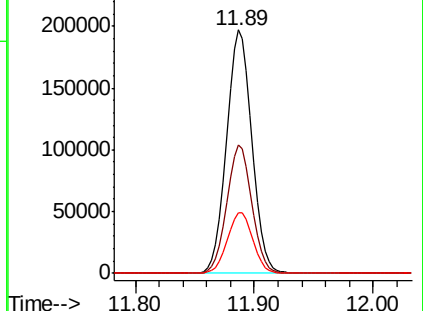
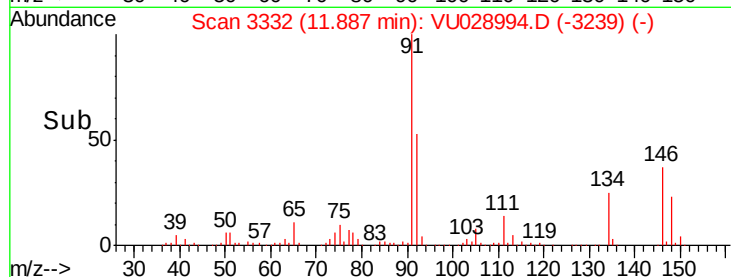
134 25.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-3319) (-)

Ion 92.00 (91.70 to 92.70): VU028994.D (-3319) (-)

Ion 134.00 (133.70 to 134.70): VU028994.D (-3319) (-)



#90

Hexachloroethane

Concen: 47.762 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VU028994.D

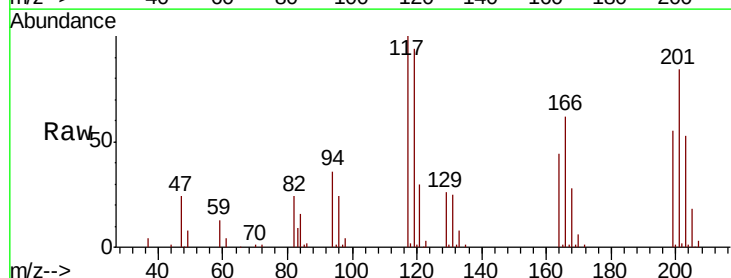
Acq: 03 Jan 2019 13:54

Tgt Ion: 117 Resp: 50692

Ion Ratio Lower Upper

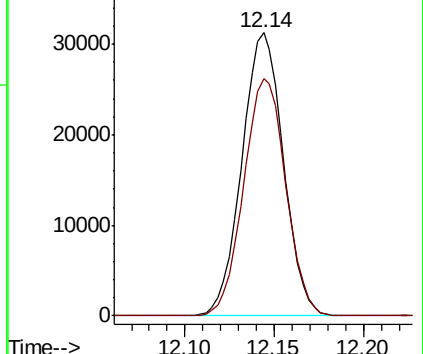
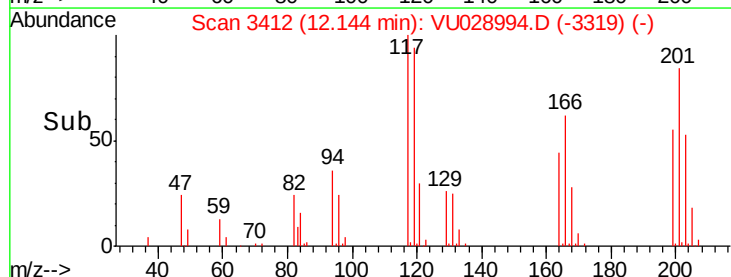
117 100

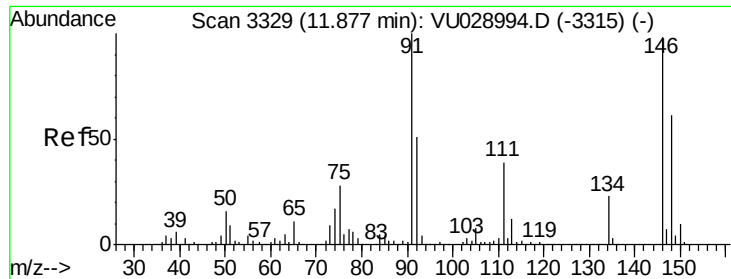
201 84.9 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VU028994.D (-3399) (-)

Ion 200.70 (200.40 to 201.40): VU028994.D (-3399) (-)

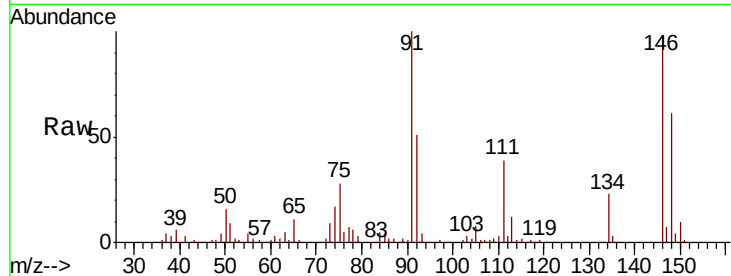




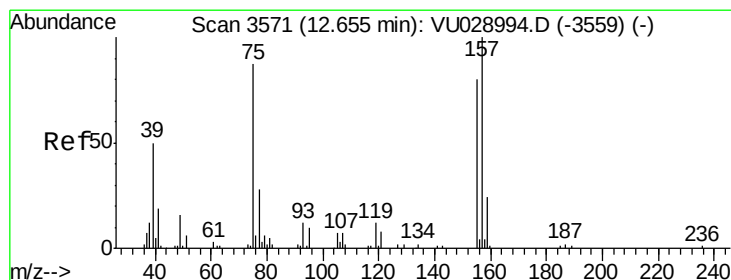
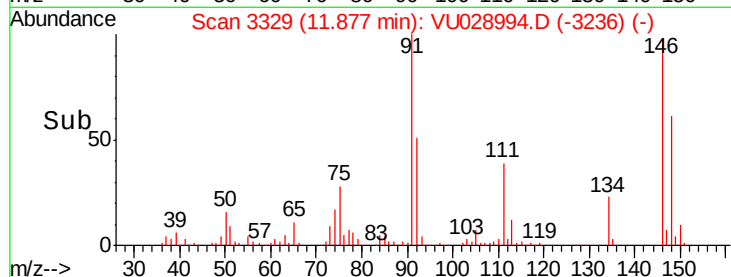
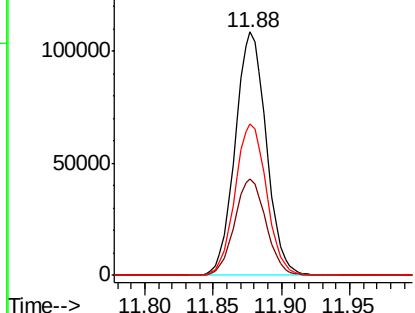
#91
 1,2-Dichlorobenzene
 Concen: 48.021 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 146 Resp: 171962
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.2 31.6 94.8

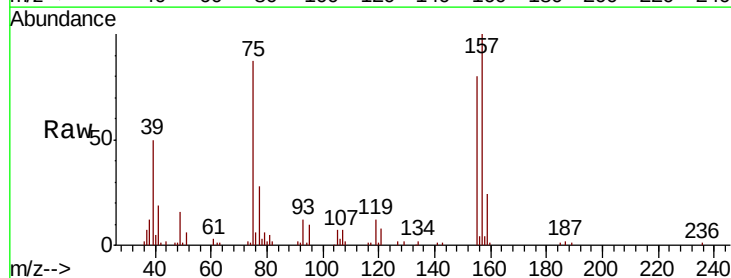


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

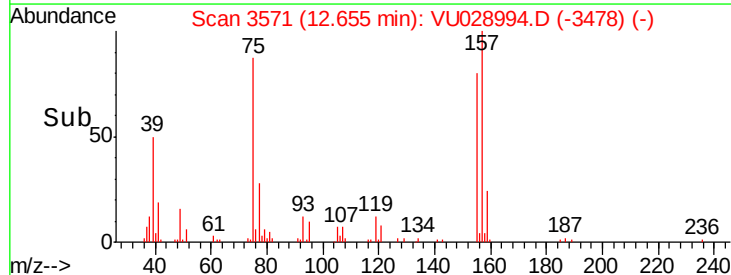
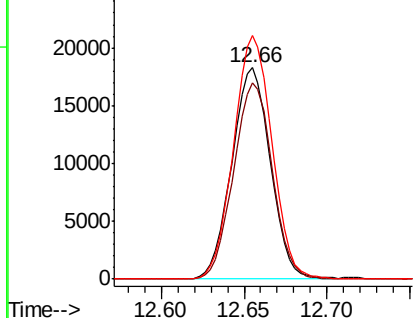


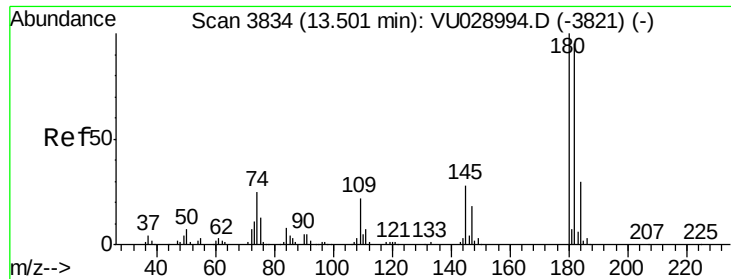
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.672 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion: 75 Resp: 29626
 Ion Ratio Lower Upper
 75 100
 155 92.5 46.3 138.8
 157 114.7 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

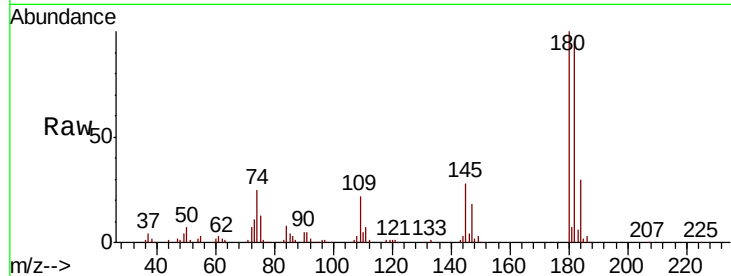




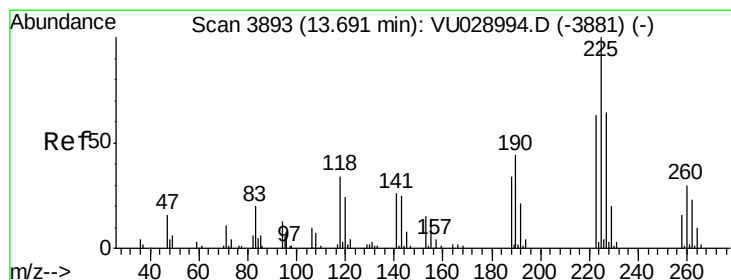
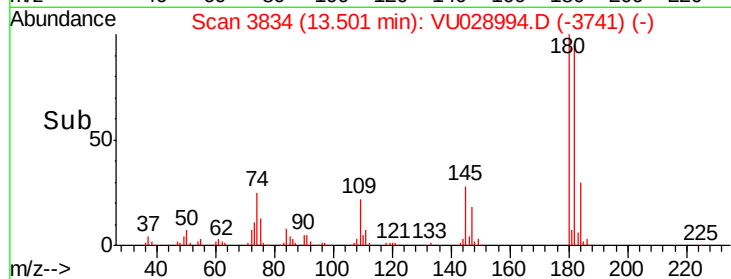
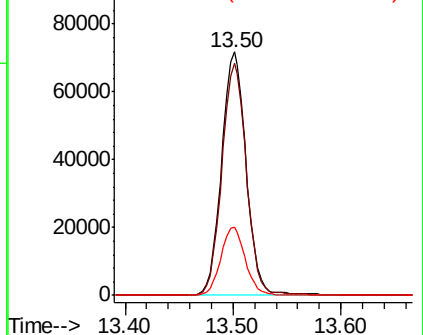
#93
 1,2,4-Trichlorobenzene
 Concen: 49.731 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 113679
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.5 142.6
 145 28.0 14.0 42.0

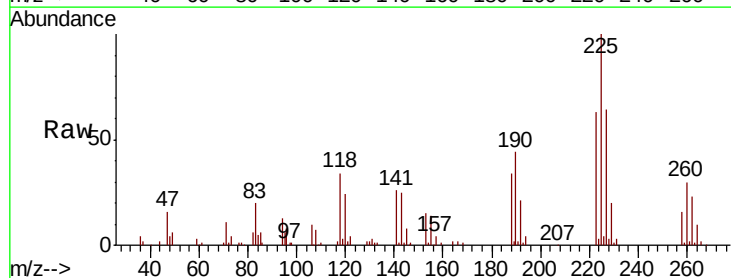


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

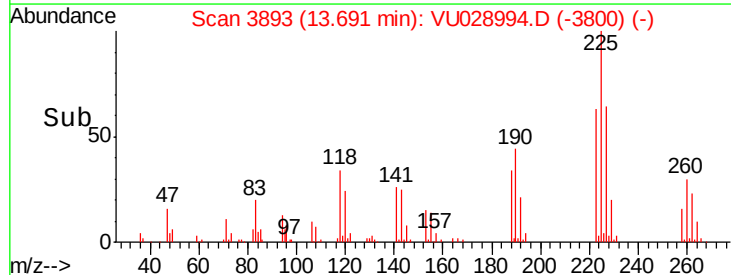
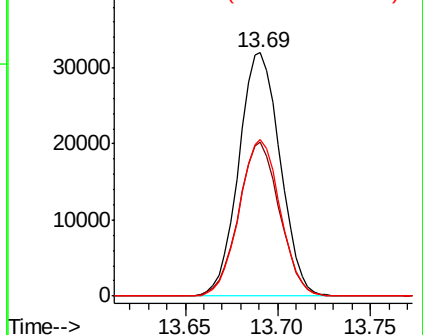


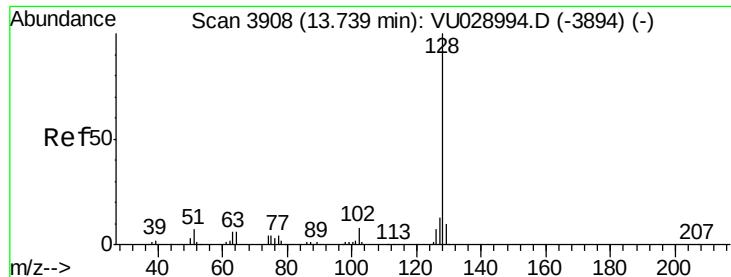
#94
 Hexachlorobutadiene
 Concen: 47.358 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028994.D
 Acq: 03 Jan 2019 13:54

Tgt Ion:225 Resp: 49515
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 63.7 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

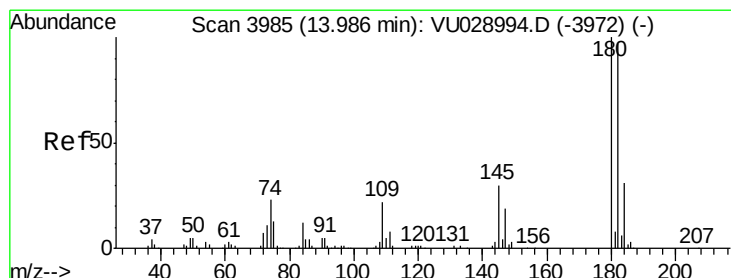
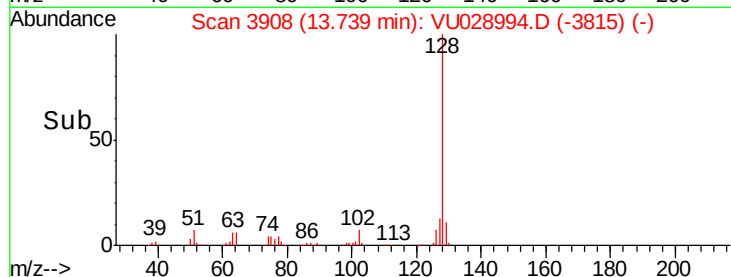
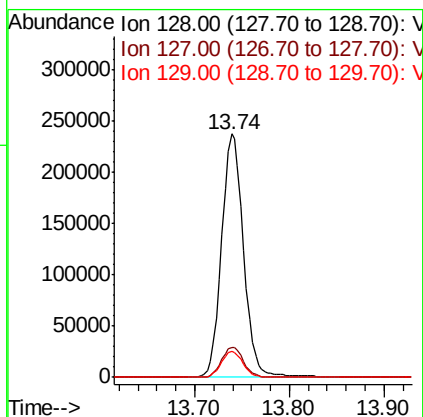
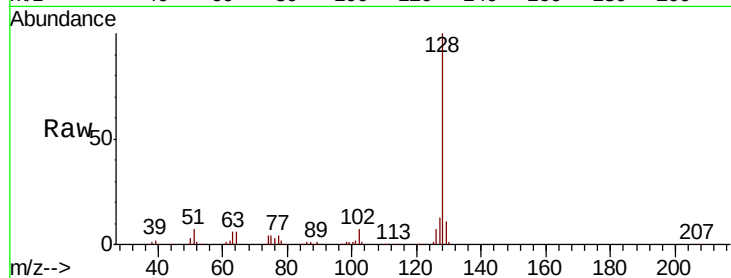




#95
Naphthalene
Concen: 49.328 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 383582
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 47.530 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028994.D
Acq: 03 Jan 2019 13:54

Tgt Ion:180 Resp: 115521
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.3
145 29.6 14.8 44.4

