

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029152.D
 Acq On : 14 Jan 2019 09:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 14 22:43:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	124560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	195289	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	183030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	94846	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.30	65	73730	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	4.88	113	64012	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	7.56	98	249865	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	10.30	95	90126	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	56558	45.786	ug/l	100
3) Chloromethane	1.33	50	78335	39.586	ug/l	99
4) Vinyl Chloride	1.40	62	82595	45.372	ug/l	99
5) Bromomethane	1.61	94	42970	45.649	ug/l	97
6) Chloroethane	1.69	64	49244	45.416	ug/l	99
7) Trichlorofluoromethane	1.88	101	92529	46.647	ug/l	100
8) Diethyl Ether	2.10	74	44242	46.425	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.28	101	62341	46.971	ug/l	99
10) Methyl Iodide	2.41	142	51254	41.070	ug/l	99
11) Tert butyl alcohol	2.82	59	87124	222.598	ug/l	99
12) 1,1-Dichloroethene	2.28	96	59853	46.331	ug/l	99
13) Acrolein	2.19	56	72690	247.332	ug/l	99
14) Allyl chloride	2.59	41	102892	43.408	ug/l	90
15) Acrylonitrile	2.93	53	228930	238.412	ug/l	99
16) Acetone	2.32	43	236910	244.233	ug/l	99
17) Carbon Disulfide	2.48	76	186953	43.631	ug/l	99
18) Methyl Acetate	2.61	43	113135	50.161	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	215956	47.548	ug/l	99
20) Methylene Chloride	2.70	84	74618	45.307	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	68480	45.626	ug/l	100
22) Diisopropyl ether	3.57	45	229476	48.984	ug/l	98
23) Vinyl Acetate	3.52	43	933125	243.650	ug/l	99
24) 1,1-Dichloroethane	3.44	63	129991	48.067	ug/l	99
25) 2-Butanone	4.25	43	328382	250.644	ug/l	99
26) 2,2-Dichloropropane	4.22	77	108665	49.728	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	79340	48.331	ug/l	98
28) Bromochloromethane	4.54	49	55991	48.352	ug/l	100
29) Tetrahydrofuran	4.63	42	191629	241.156	ug/l	100
30) Chloroform	4.67	83	126396	49.070	ug/l	98
31) Cyclohexane	4.99	56	120047	46.956	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	103942	48.837	ug/l	100
36) 1,1-Dichloropropene	5.13	75	95486	48.917	ug/l	98
37) Ethyl Acetate	4.38	43	106493	49.702	ug/l	99
38) Carbon Tetrachloride	5.13	117	86318	53.019	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	122056	50.862	ug/l	98
40) Benzene	5.39	78	302773	49.726	ug/l	99
41) Methacrylonitrile	4.54	41	59098	51.528	ug/l	99
42) 1,2-Dichloroethane	5.40	62	94138	51.452	ug/l	100
43) Isopropyl Acetate	5.54	43	169779	51.655	ug/l	99
44) Trichloroethene	6.18	130	76441	50.669	ug/l	95
45) 1,2-Dichloropropane	6.43	63	81772	50.855	ug/l	97
46) Dibromomethane	6.56	93	52564	51.138	ug/l	100
47) Bromodichloromethane	6.75	83	99731	52.697	ug/l	99
48) Methyl methacrylate	6.62	41	84781	52.974	ug/l	99
49) 1,4-Dioxane	6.61	88	37913	999.615	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	568248	254.039	ug/l	99
52) Toluene	7.63	92	188427	50.834	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	116059	51.050	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	127473	51.891	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	76435	51.473	ug/l	99
56) Ethyl methacrylate	8.02	69	116998	51.141	ug/l	99
57) 1,3-Dichloropropane	8.24	76	130773	51.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	240060	238.602	ug/l	100
59) 2-Hexanone	8.36	43	450205	256.403	ug/l	100
60) Dibromochloromethane	8.47	129	78526	53.376	ug/l	100
61) 1,2-Dibromoethane	8.58	107	82036	50.937	ug/l	99
64) Tetrachloroethene	8.22	164	67163	50.940	ug/l	95
65) Chlorobenzene	9.12	112	204589	49.867	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	71240	53.507	ug/l	98
67) Ethyl Benzene	9.25	91	353155	51.558	ug/l	100
68) m/p-Xylenes	9.37	106	273301	102.690	ug/l	98
69) o-Xylene	9.78	106	133215	51.948	ug/l	99
70) Styrene	9.79	104	220371	52.421	ug/l	100
71) Bromoform	9.95	173	63740	53.766	ug/l #	99
73) Isopropylbenzene	10.16	105	346265	49.324	ug/l	99
74) N-amyl acetate	10.01	43	146111	48.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.45	83	133765	47.542	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	152857	65.777	ug/l	85
77) Bromobenzene	10.45	156	88950	48.621	ug/l	99
78) n-propylbenzene	10.58	91	424299	51.286	ug/l	100
79) 2-Chlorotoluene	10.66	91	243883	48.595	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	292853	49.954	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	152857	169.642	ug/l #	100
82) 4-Chlorotoluene	10.77	91	284375	49.416	ug/l	99
83) tert-Butylbenzene	11.10	119	289532	50.108	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	298779	51.046	ug/l	100
85) sec-Butylbenzene	11.32	105	362478	51.870	ug/l	100
86) p-Isopropyltoluene	11.47	119	313340	52.620	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	162963	48.563	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	165411	47.754	ug/l	99
89) n-Butylbenzene	11.89	91	297992	56.068	ug/l	100
90) Hexachloroethane	12.14	117	50761	50.672	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	160900	47.605	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	27491	50.800	ug/l	99

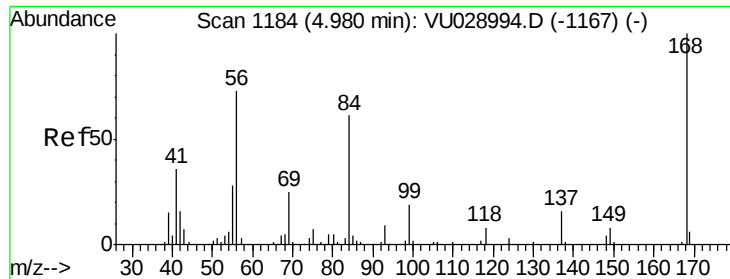
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	112751	52.258	ug/l	100
94) Hexachlorobutadiene	13.69	225	54648	55.375	ug/l	99
95) Naphthalene	13.74	128	360681	49.142	ug/l	100
96) 1,2,3-Trichlorobenzene	13.98	180	114423	51.492	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

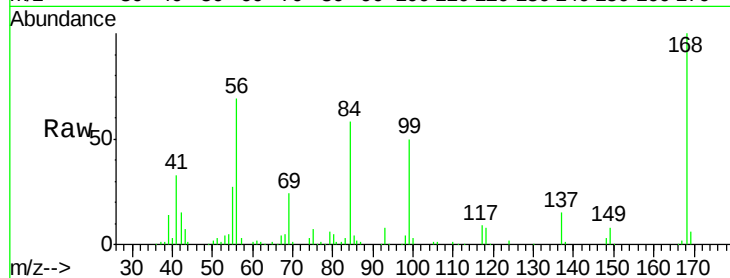
ClientSampleId :

Tot Ion:168 Resp: 124560

Ion Ratio Lower Upper

168 100

99 49.6 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

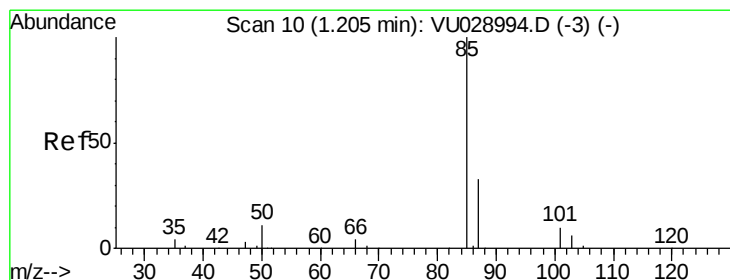
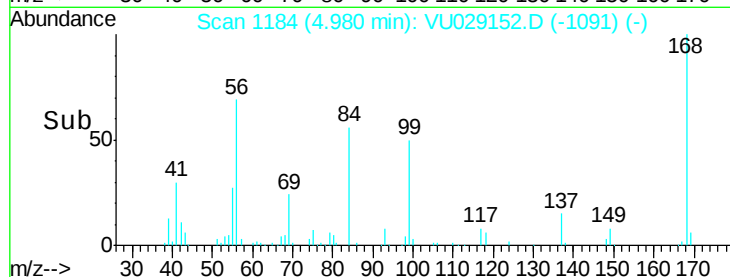
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 45.786 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU029152.D

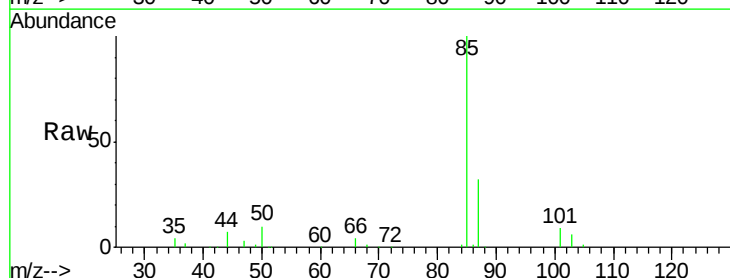
Acq: 14 Jan 2019 09:34

Tgt Ion: 85 Resp: 56558

Ion Ratio Lower Upper

85 100

87 32.3 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

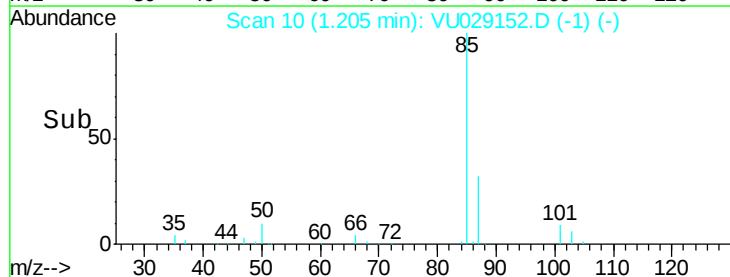
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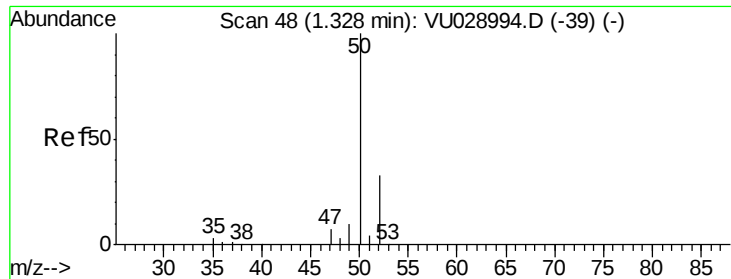
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 39.586 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

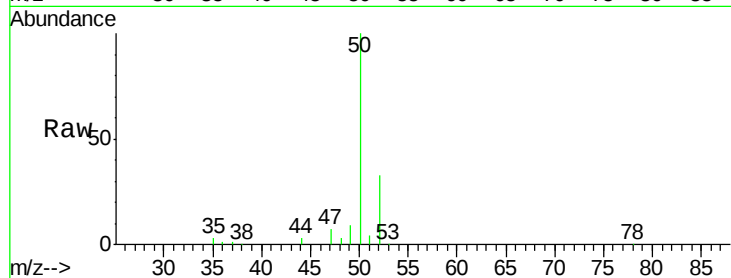
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 78335

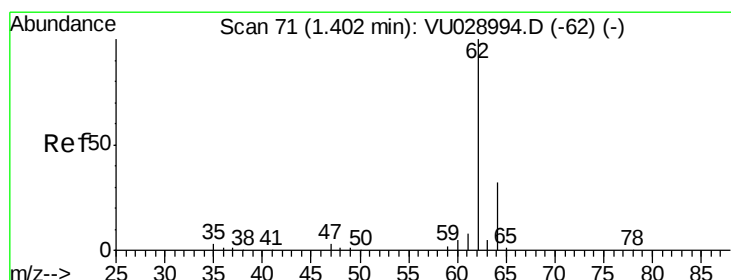
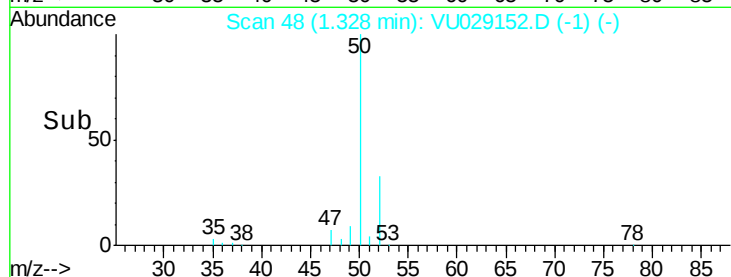
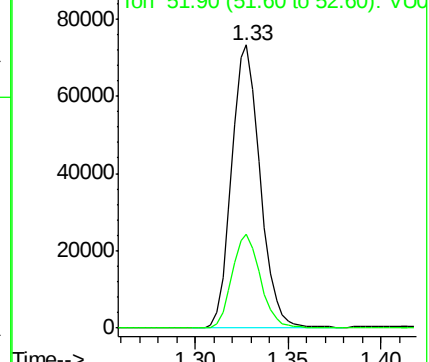
Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU028994.D (-39) (-)



#4

Vinyl Chloride

Concen: 45.372 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU029152.D

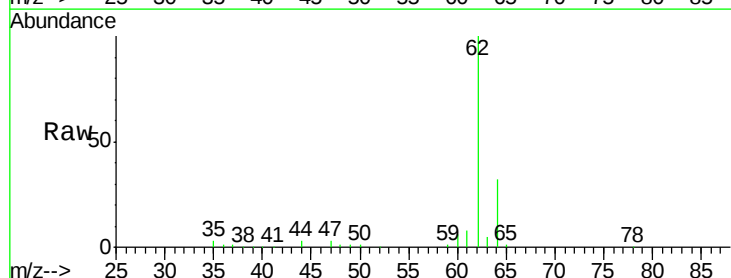
Acq: 14 Jan 2019 09:34

Tgt Ion: 62 Resp: 82595

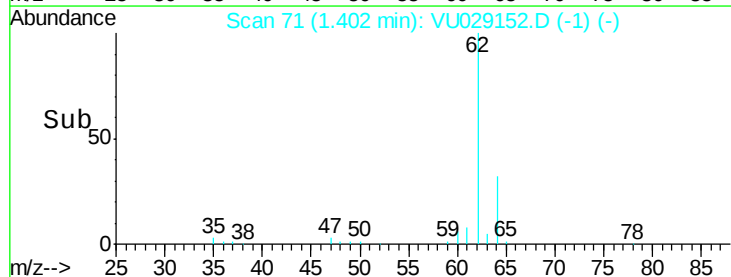
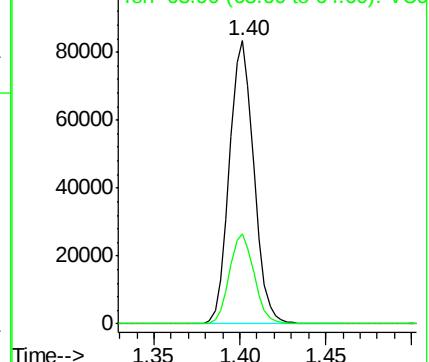
Ion Ratio Lower Upper

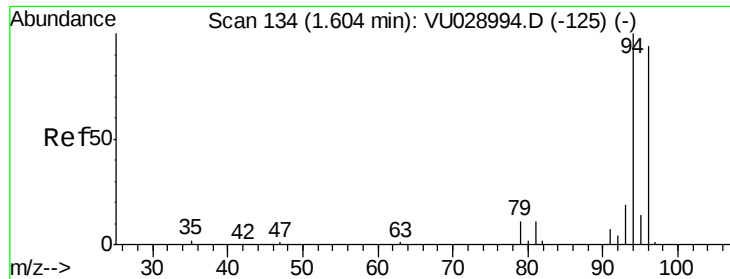
62 100

64 31.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VU028994.D (-62) (-)

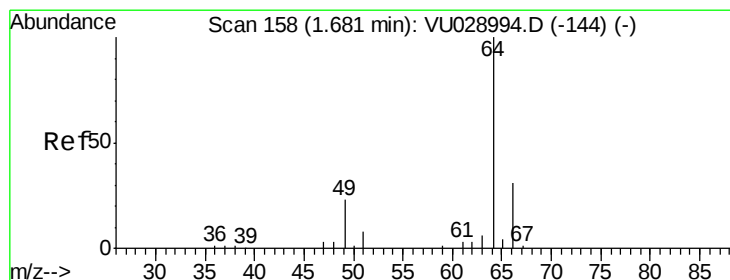
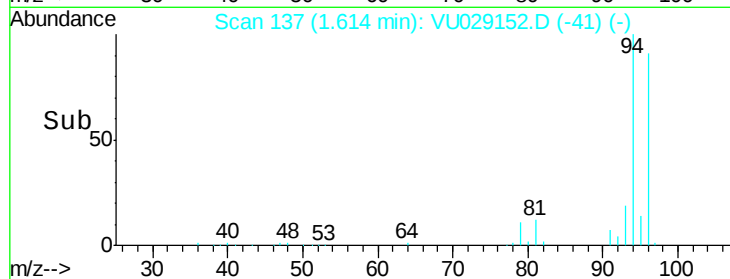
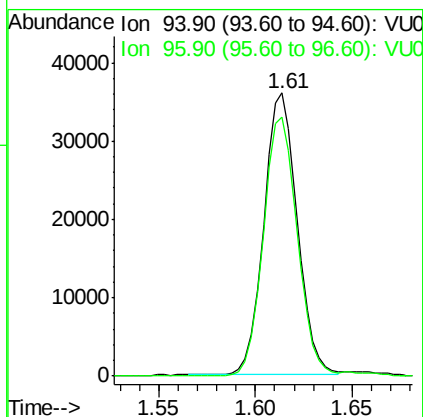
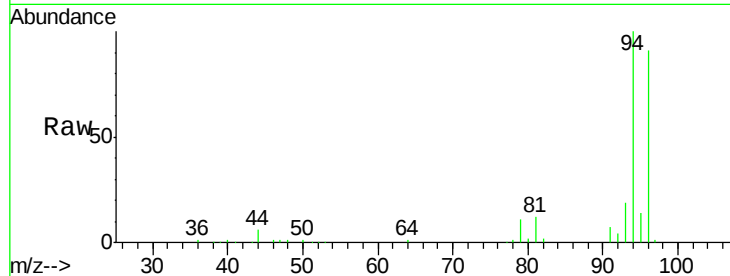




#5
Bromomethane
Concen: 45.649 ug/l
RT: 1.61 min Scan# 137
Delta R.T. 0.01 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

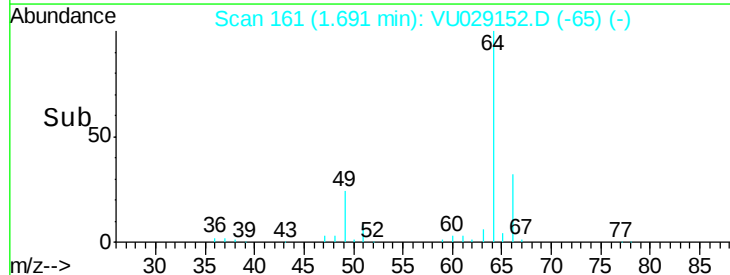
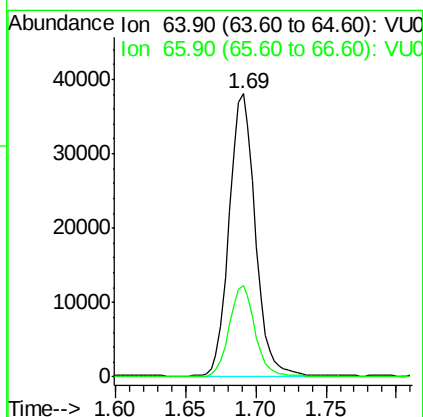
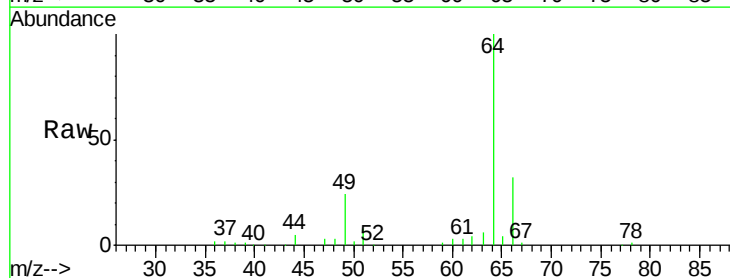
Instrument :
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ClientSampleId :

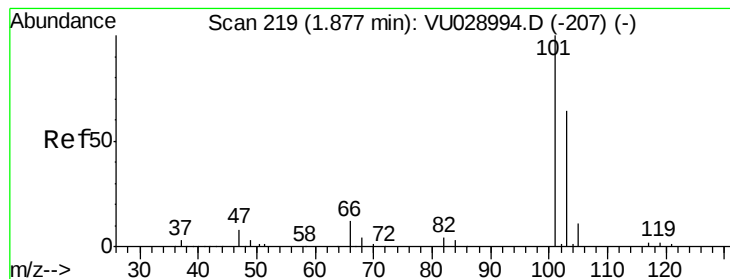
Tot Ion: 94 Resp: 42970
Ion Ratio Lower Upper
94 100
96 91.8 75.5 113.3



#6
Chloroethane
Concen: 45.416 ug/l
RT: 1.69 min Scan# 161
Delta R.T. 0.01 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 64 Resp: 49244
Ion Ratio Lower Upper
64 100
66 32.2 25.2 37.8



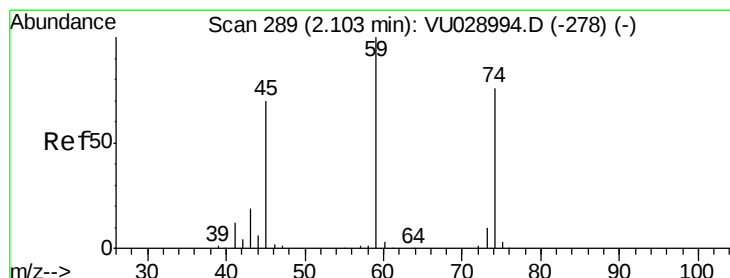
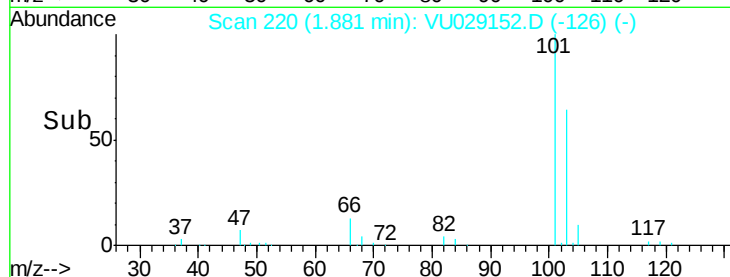
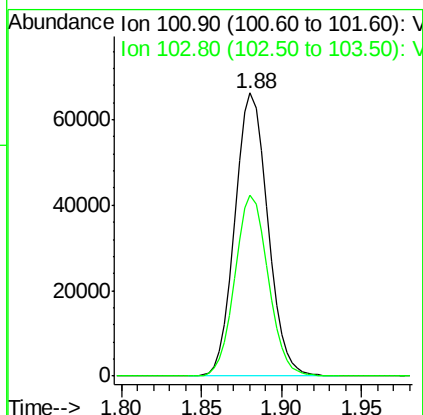
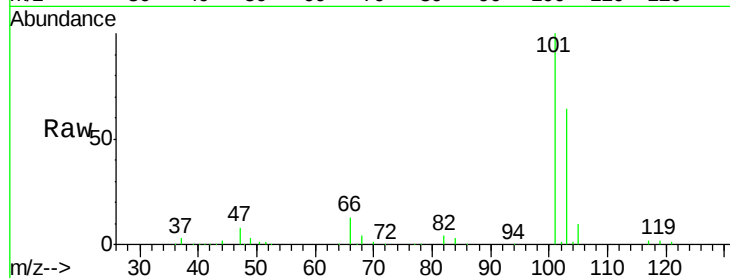


#7

Trichlorofluoromethane
Concen: 46.647 ug/l
RT: 1.88 min Scan# 220
Delta R.T. 0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :

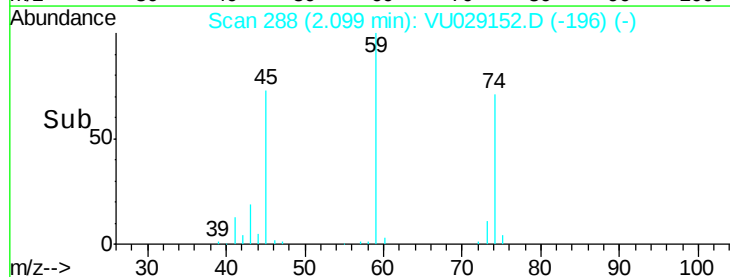
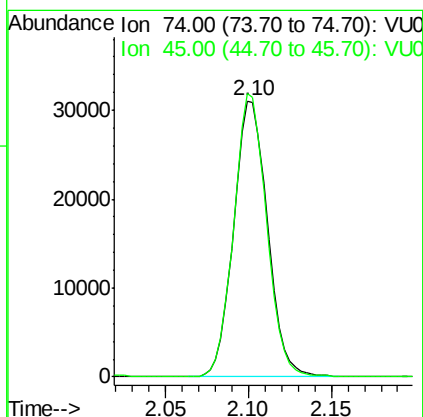
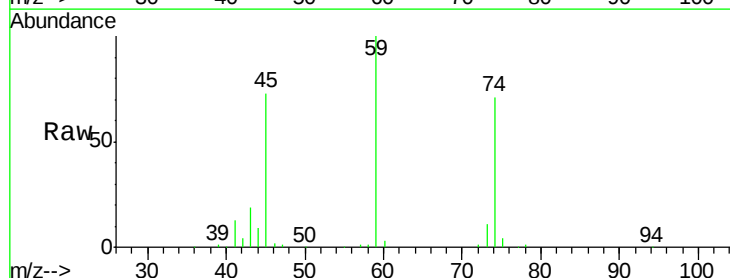
Tot Ion:101 Resp: 92529
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

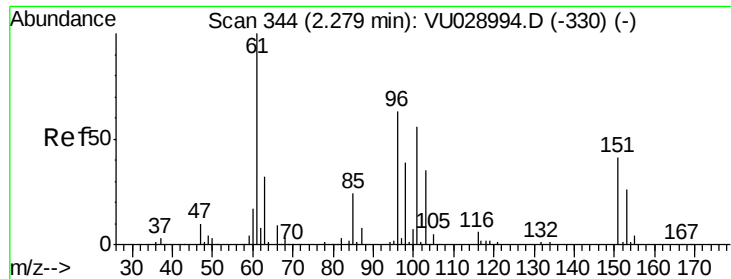


#8

Diethyl Ether
Concen: 46.425 ug/l
RT: 2.10 min Scan# 288
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 74 Resp: 44242
Ion Ratio Lower Upper
74 100
45 99.3 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.971 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

ClientSampleId :

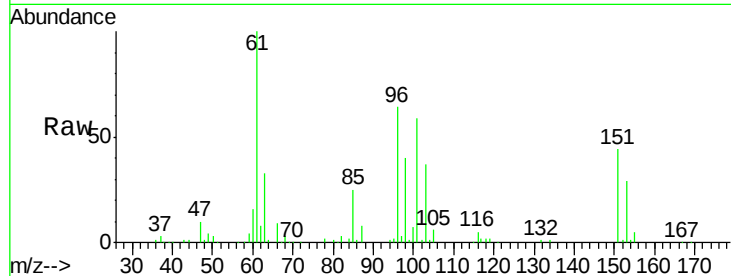
Tot Ion:101 Resp: 62341

Ion Ratio Lower Upper

101 100

85 42.8 35.1 52.7

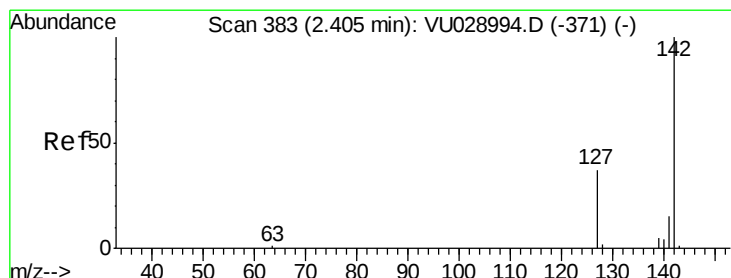
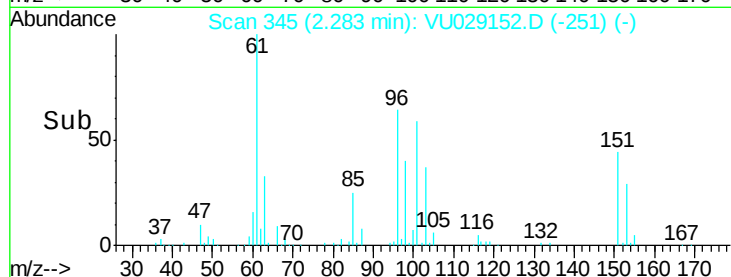
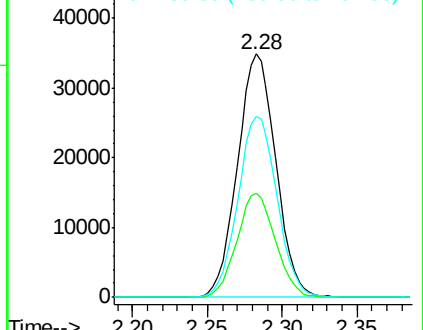
151 75.6 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.070 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

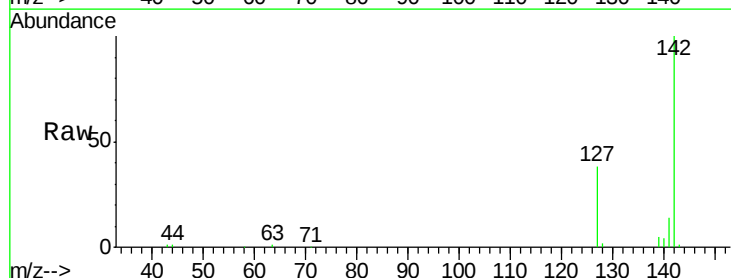
Tgt Ion:142 Resp: 51254

Ion Ratio Lower Upper

142 100

127 37.7 29.8 44.6

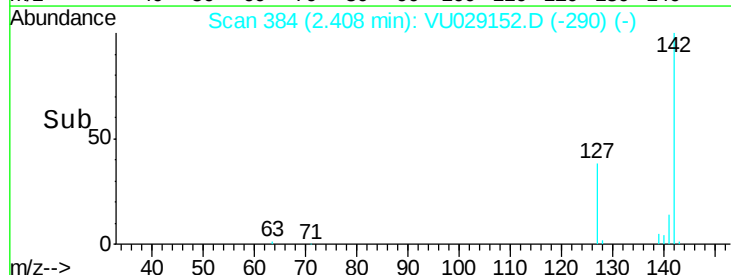
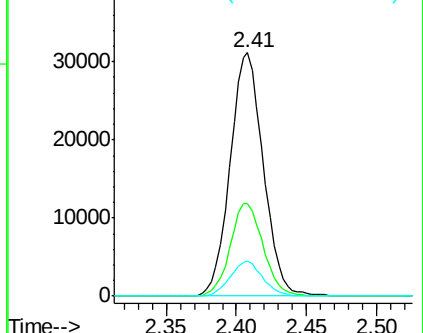
141 14.0 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



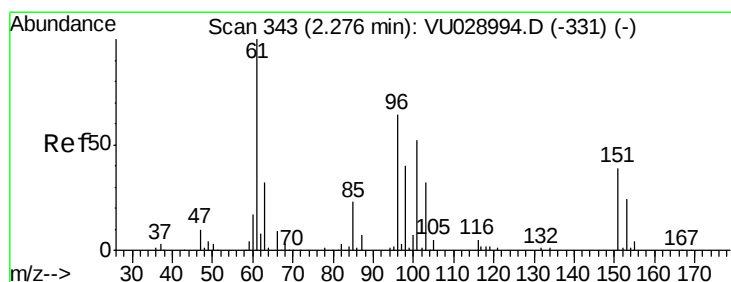
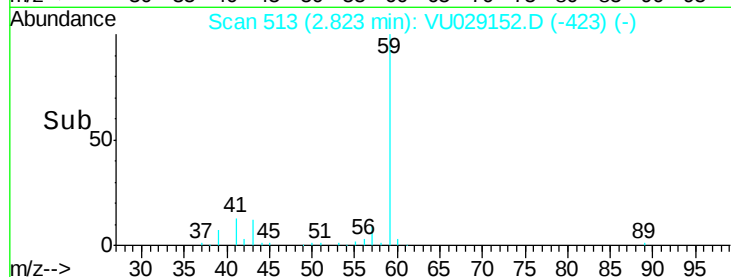
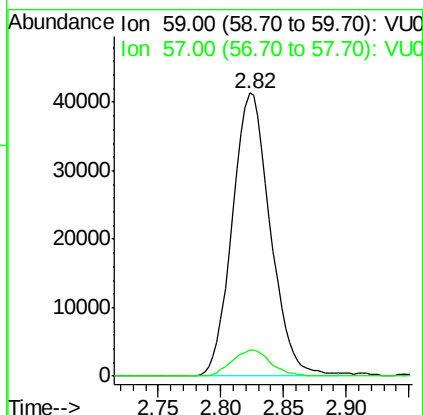
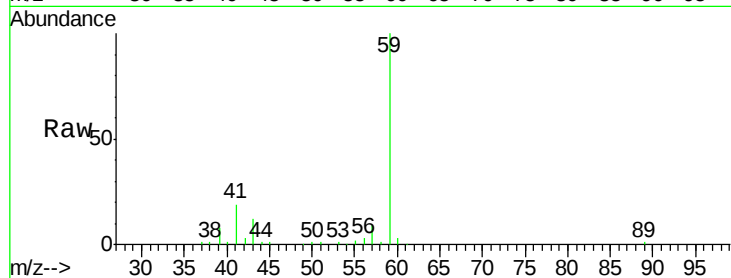


#11

Tert butyl alcohol
 Concen: 222.598 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Instrument :
 MSVOA_U
 ClientSampleId :

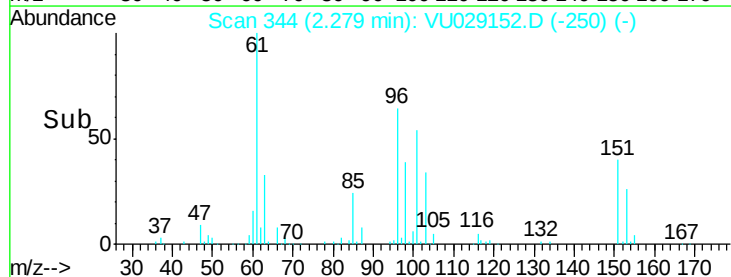
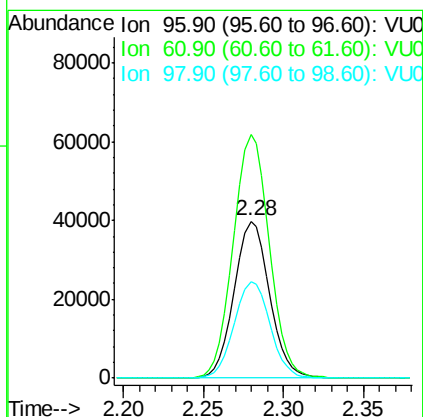
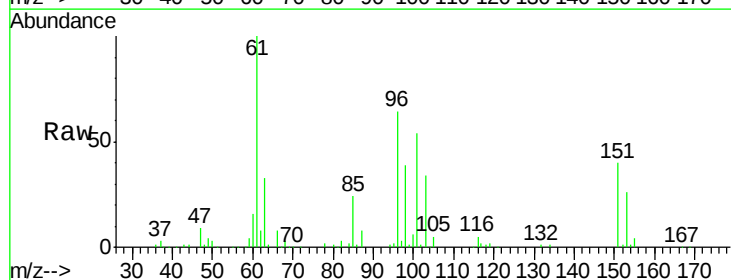
Tot Ion: 59 Resp: 87124
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.9 11.9

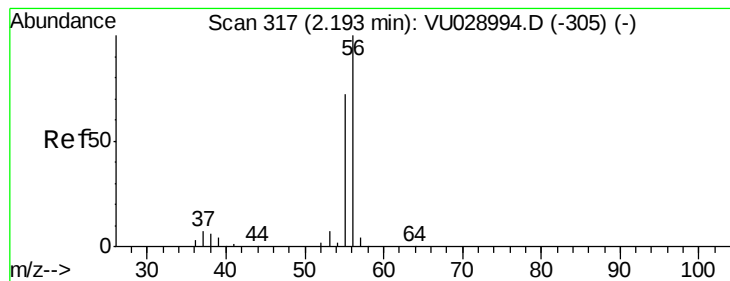


#12

1,1-Dichloroethene
 Concen: 46.331 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Tgt Ion: 96 Resp: 59853
 Ion Ratio Lower Upper
 96 100
 61 155.2 125.4 188.0
 98 61.2 49.7 74.5





#13

Acrolein

Concen: 247.332 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

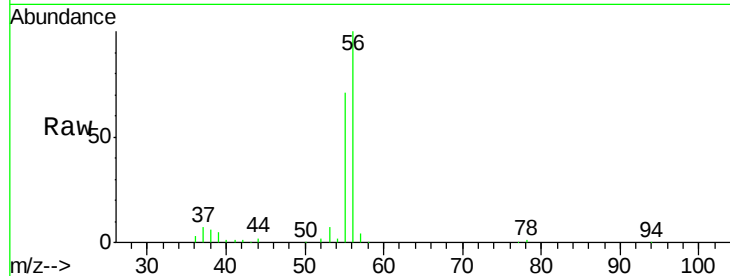
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 72690

Ion Ratio Lower Upper

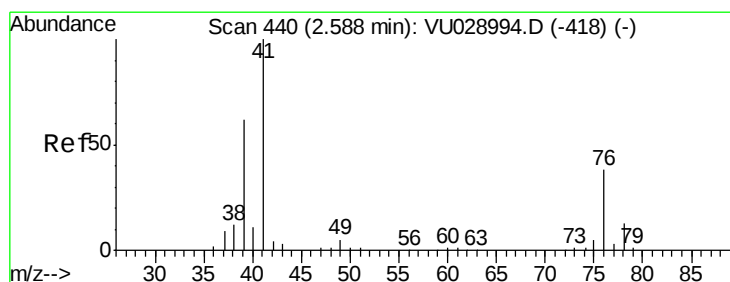
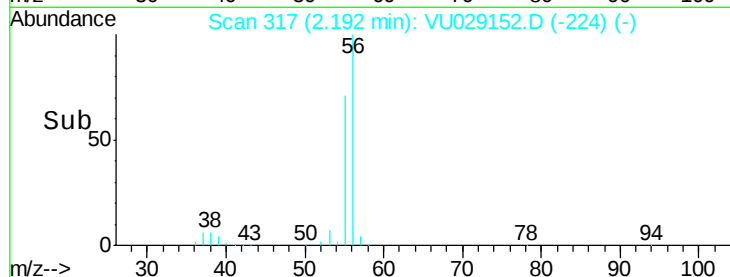
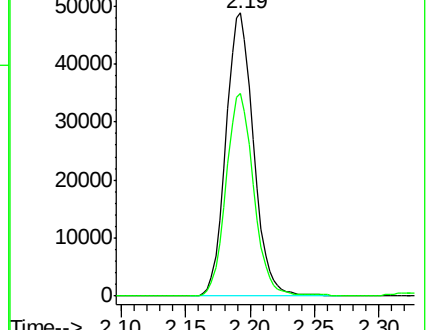
56 100

55 71.7 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: 43.408 ug/l

RT: 2.59 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

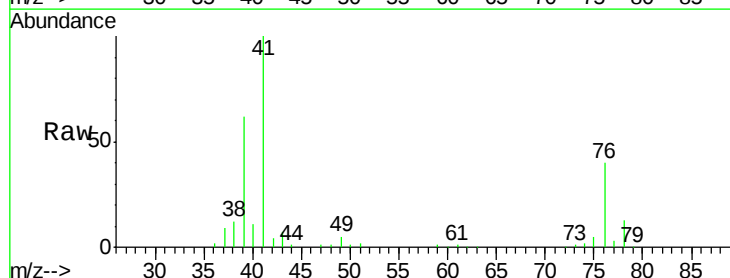
Tgt Ion: 41 Resp: 102892

Ion Ratio Lower Upper

41 100

39 64.2 45.0 67.6

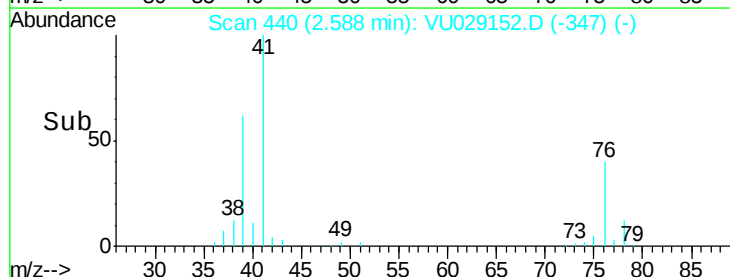
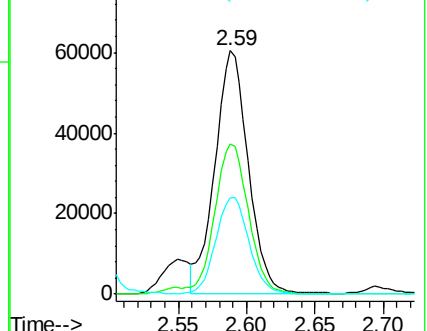
76 39.5 28.1 42.1

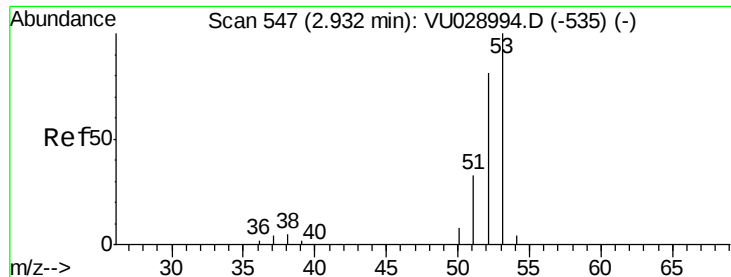


Abundance Ion 41.00 (40.70 to 41.70): VU028994.D (-418) (-)

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: 238.412 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

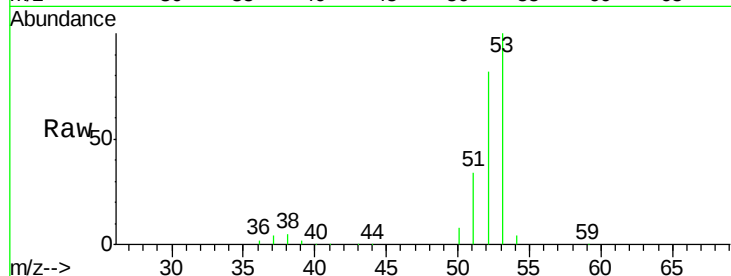
Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 53 Resp: 228930

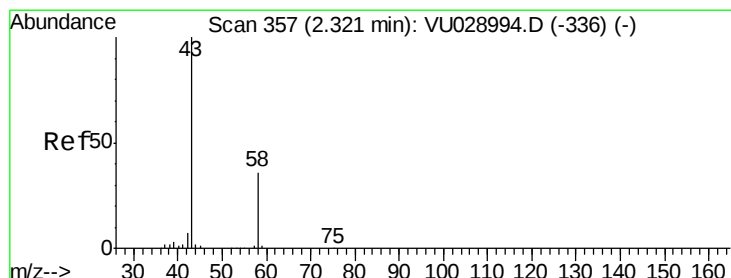
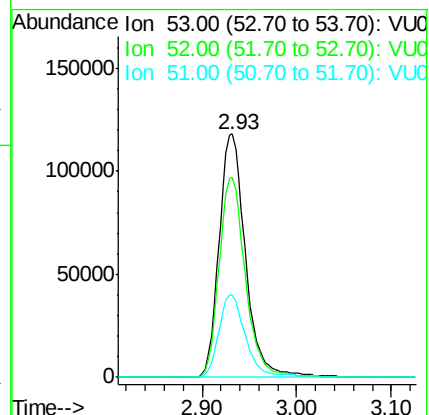
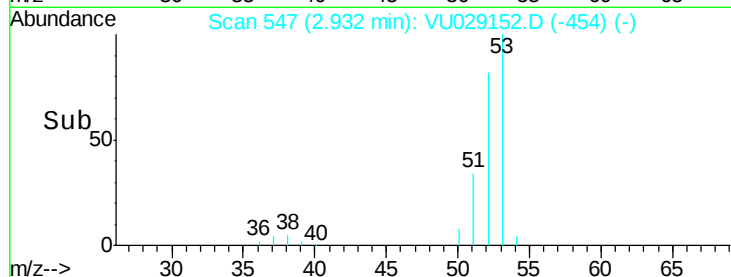
Ion	Ratio	Lower	Upper
53	100		
52	82.1	64.8	97.2
51	34.8	27.3	40.9



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: 244.233 ug/l

RT: 2.32 min Scan# 356

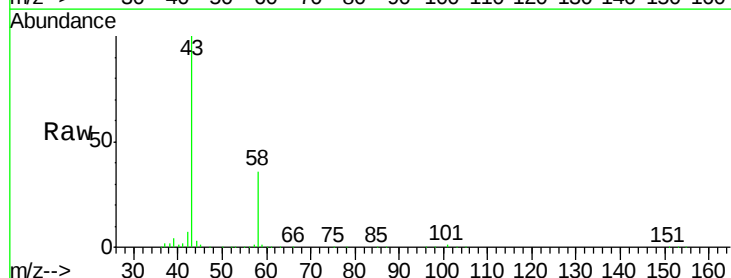
Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

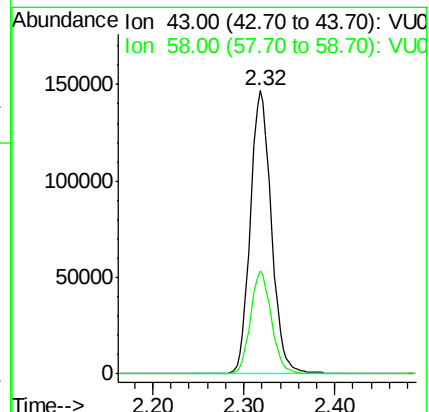
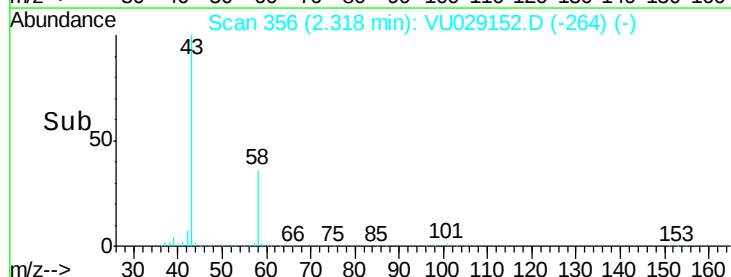
Tgt Ion: 43 Resp: 236910

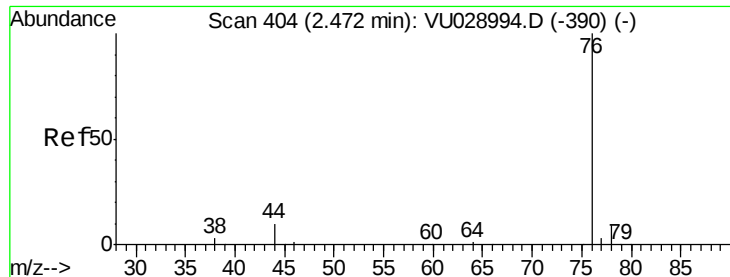
Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.6	42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 43.631 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

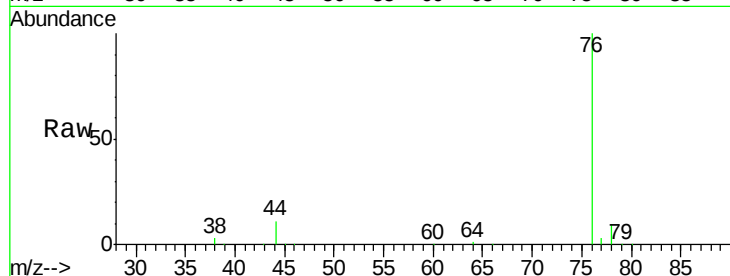
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 76 Resp: 186953

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU028994.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VU028994.D (-390) (-)

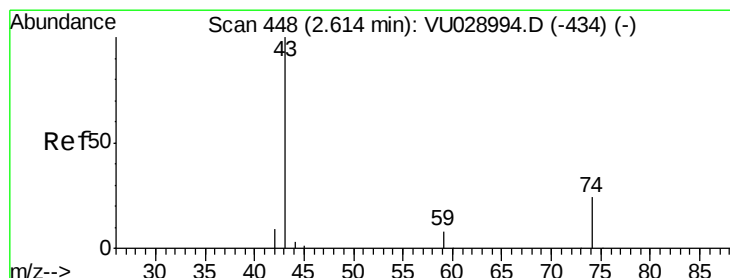
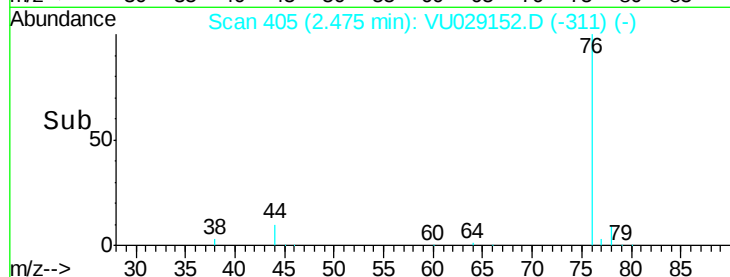
2.48

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.161 ug/l

RT: 2.61 min Scan# 447

Delta R.T. -0.00 min

Lab File: VU029152.D

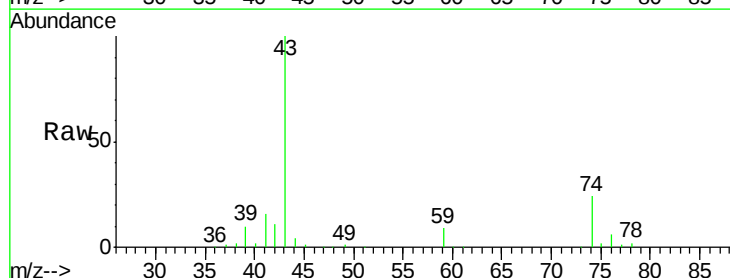
Acq: 14 Jan 2019 09:34

Tgt Ion: 43 Resp: 113135

Ion Ratio Lower Upper

43 100

74 24.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-434) (-)

Ion 74.00 (73.70 to 74.70): VU028994.D (-434) (-)

2.61

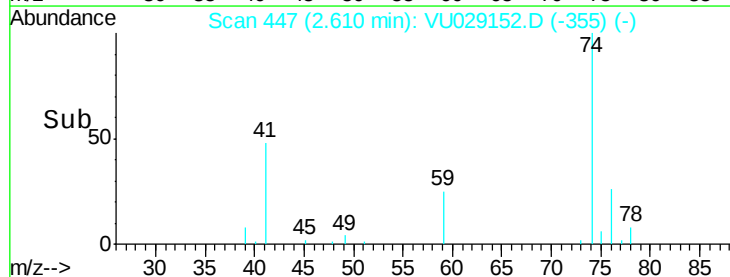
60000

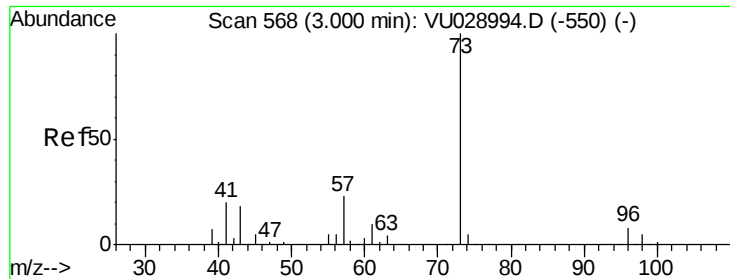
40000

20000

0

Time-->

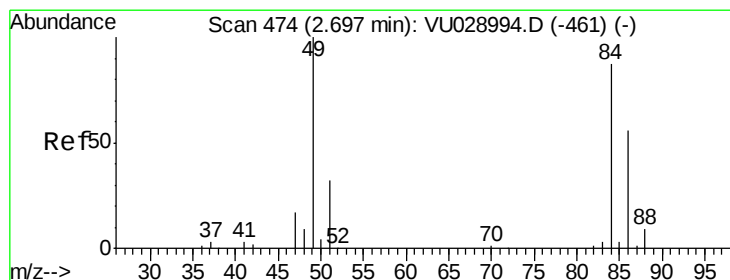
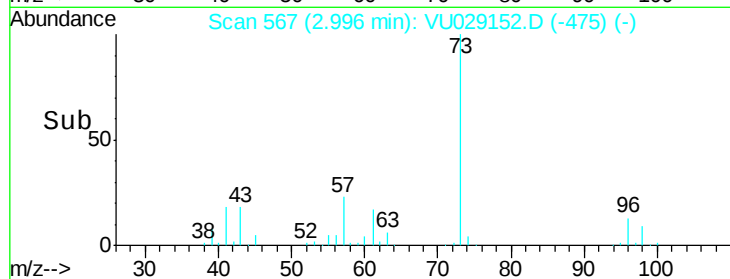
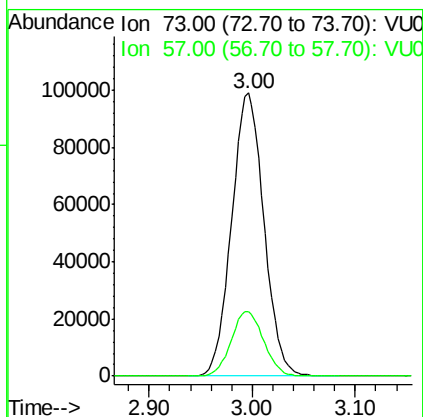
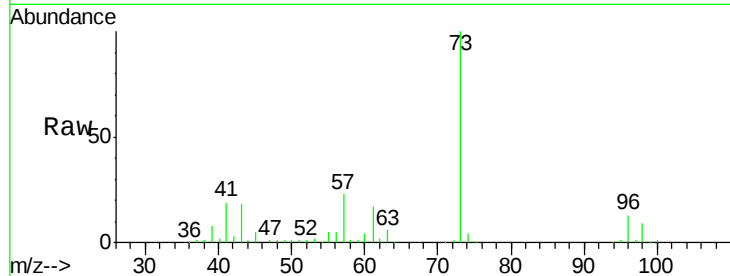




#19
Methvl tert-butvl Ether
Concen: 47.548 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

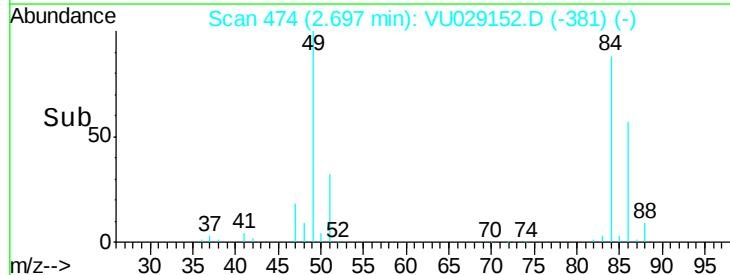
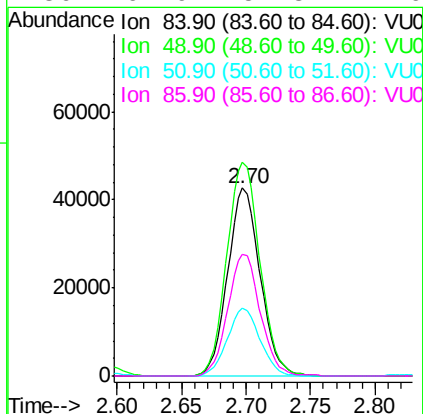
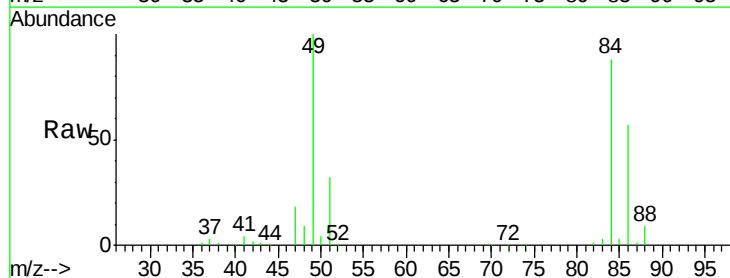
Instrument :
MSVOA_U
ClientSampled :

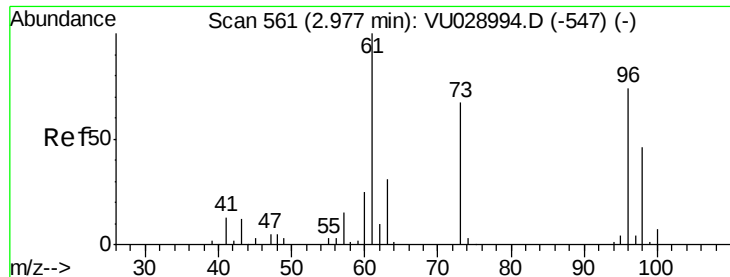
Tot Ion: 73 Resp: 215956
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0



#20
Methylene Chloride
Concen: 45.307 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 84 Resp: 74618
Ion Ratio Lower Upper
84 100
49 113.8 91.9 137.9
51 35.9 29.2 43.8
86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 45.626 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :

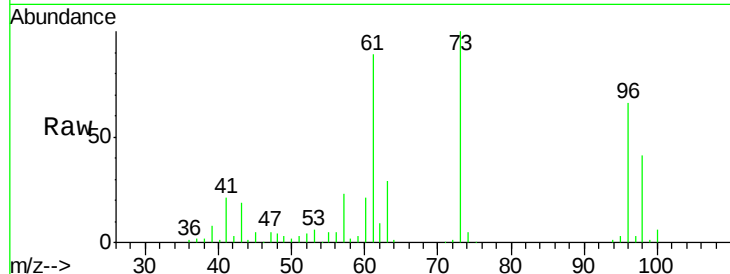
Tot Ion: 96 Resp: 68480

Ion Ratio Lower Upper

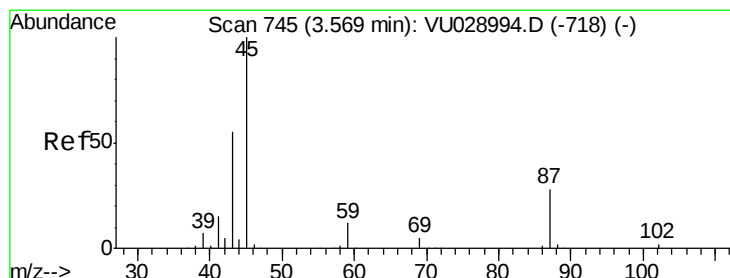
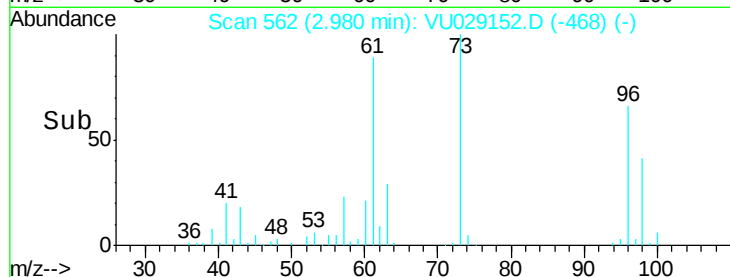
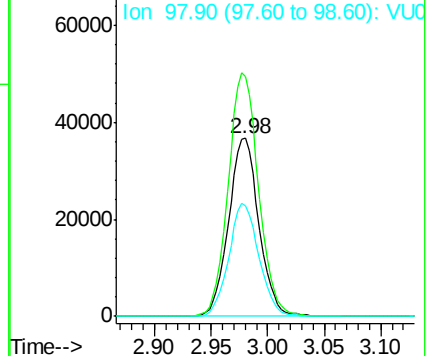
96 100

61 134.9 107.7 161.5

98 61.8 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: 48.984 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Tgt Ion: 45 Resp: 229476

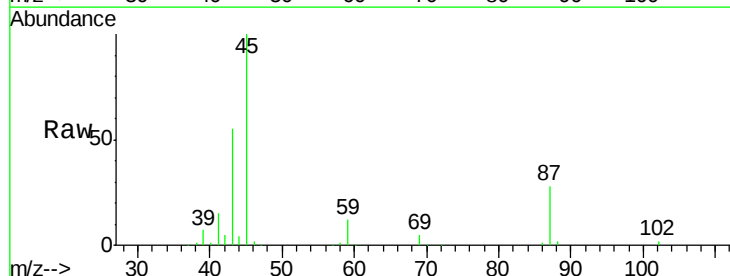
Ion Ratio Lower Upper

45 100

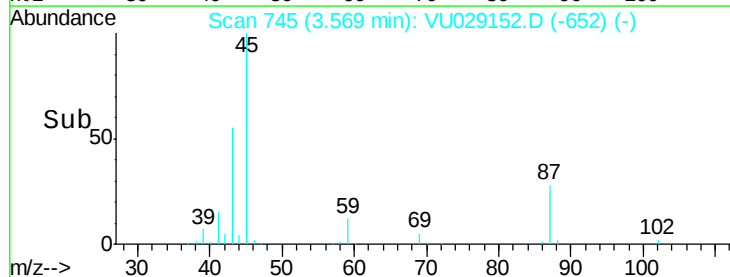
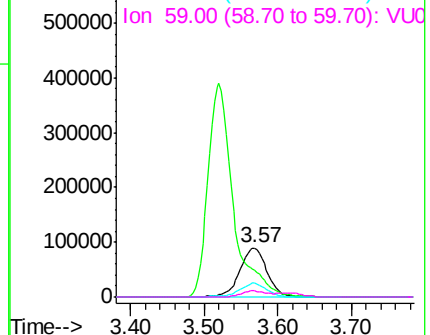
43 54.4 44.7 67.1

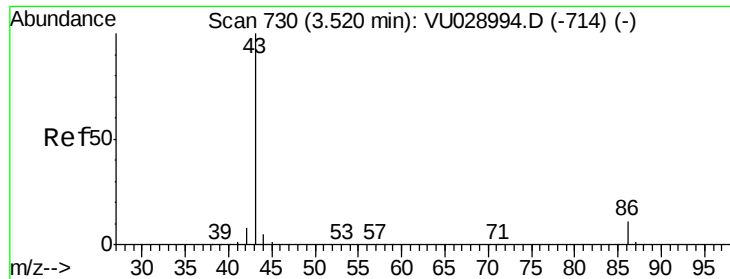
87 28.2 22.2 33.2

59 11.9 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: 243.650 ug/l

RT: 3.52 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

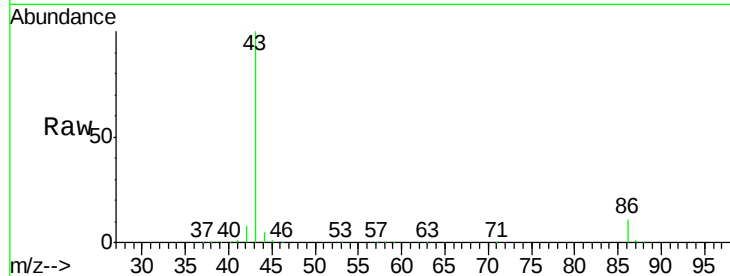
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 933125

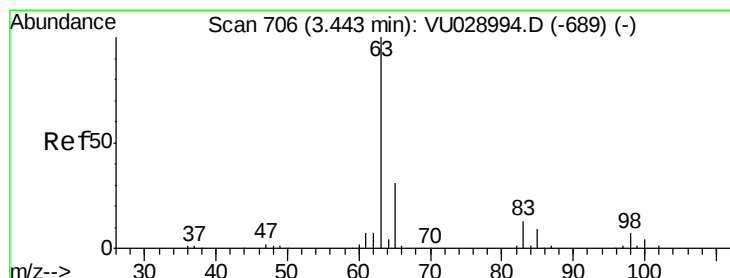
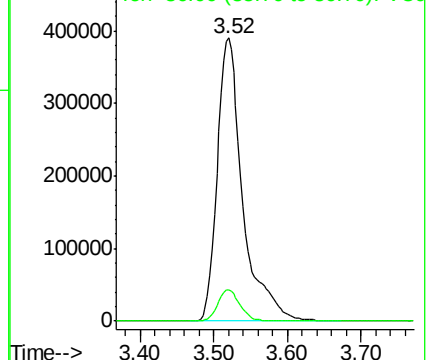
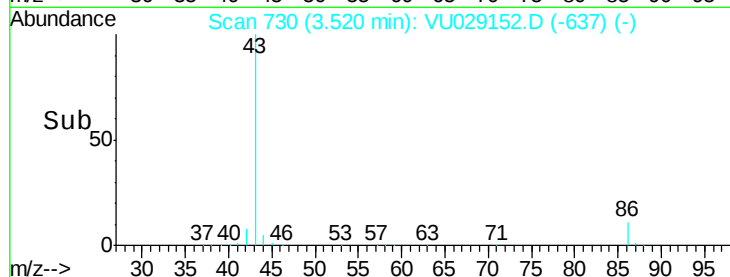
Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU029152.D (-637) (-)



#24

1,1-Dichloroethane

Concen: 48.067 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

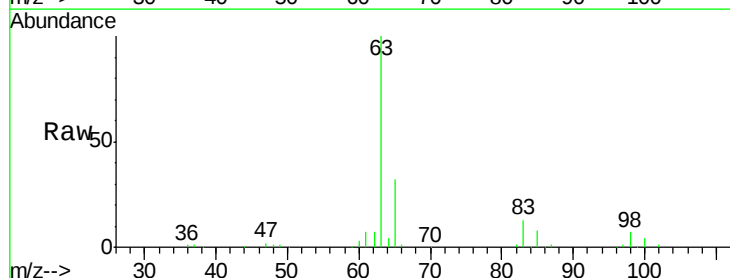
Tgt Ion: 63 Resp: 129991

Ion Ratio Lower Upper

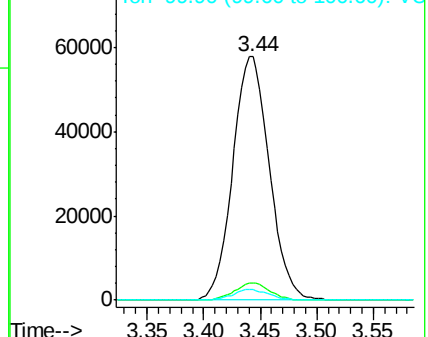
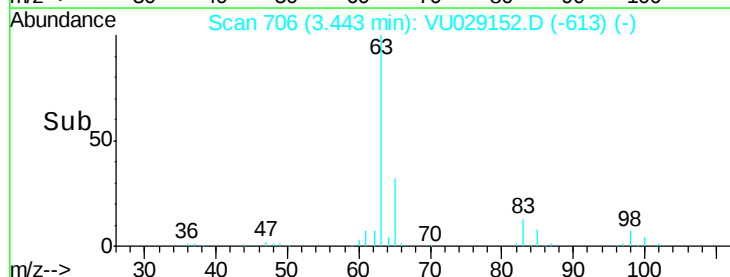
63 100

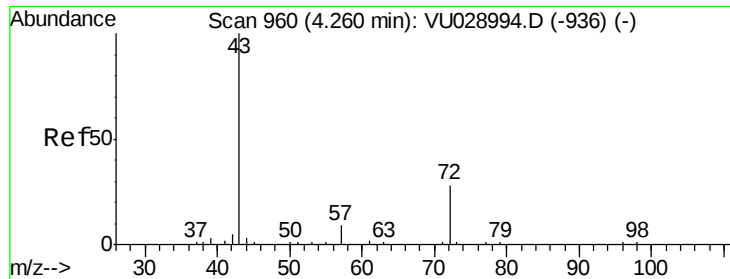
98 7.1 3.4 10.1

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU029152.D (-613) (-)





#25

2-Butanone

Concen: 250.644 ug/l

RT: 4.25 min Scan# 958

Delta R.T. -0.01 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

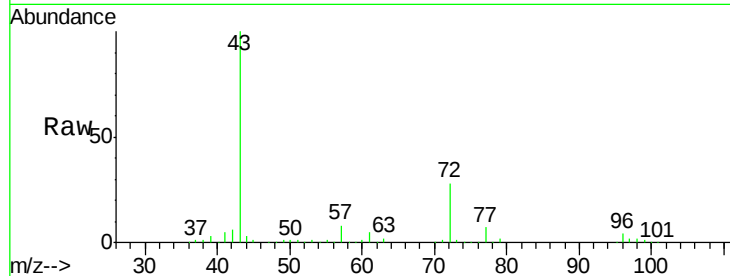
ClientSampled :

Tot Ion: 43 Resp: 328382

Ion Ratio Lower Upper

43 100

72 27.8 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) (-)

4.25

150000

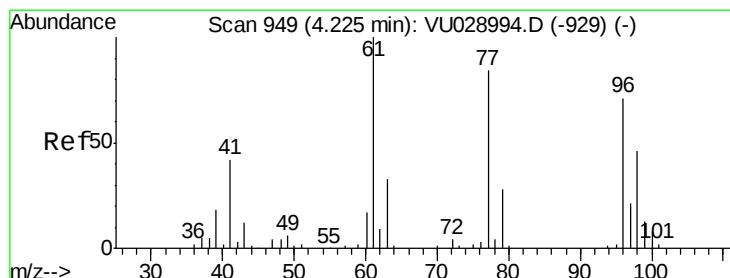
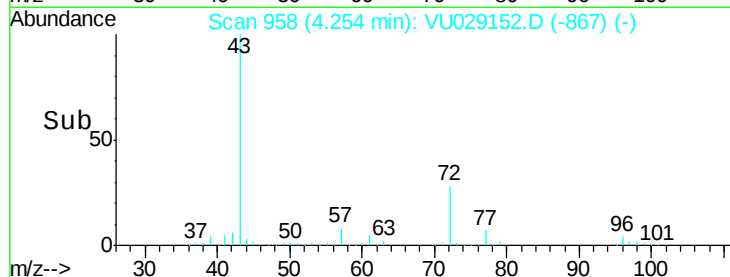
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 49.728 ug/l

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU029152.D

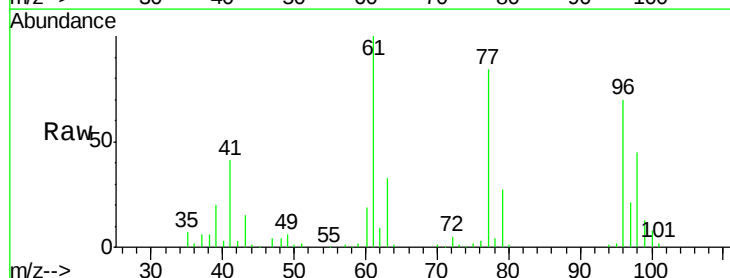
Acq: 14 Jan 2019 09:34

Tgt Ion: 77 Resp: 108665

Ion Ratio Lower Upper

77 100

97 24.2 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

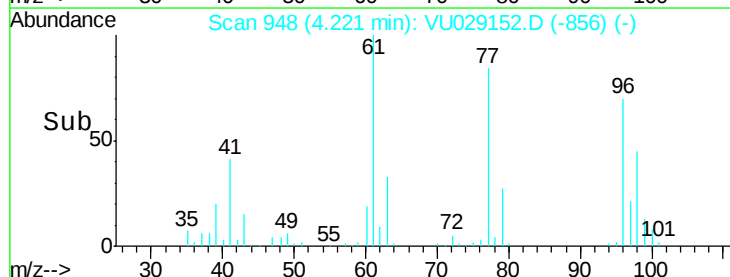
20000

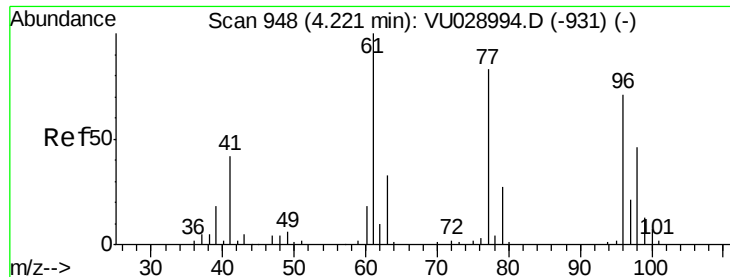
10000

0

4.10 4.20 4.30

Time-->



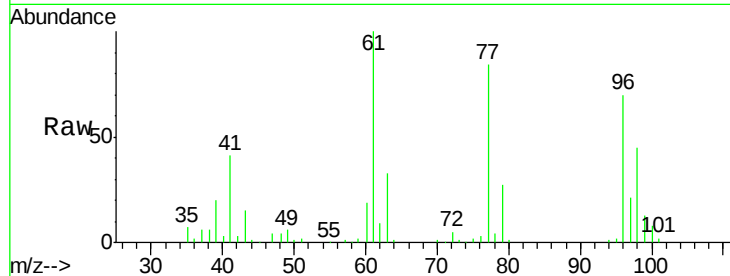


#27

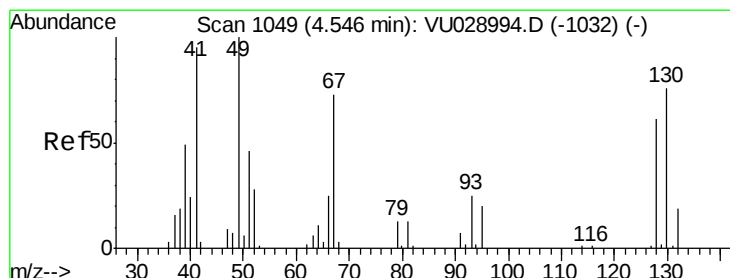
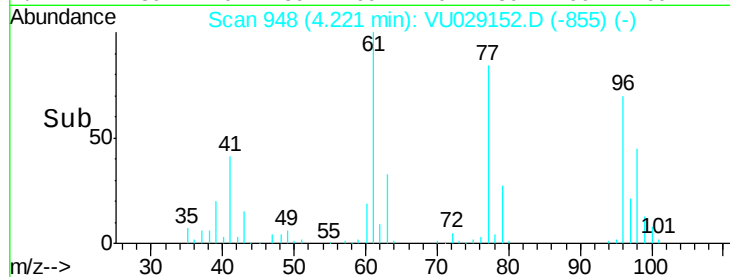
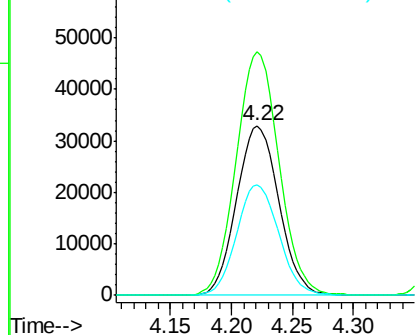
cis-1,2-Dichloroethene
Concen: 48.331 ug/l
RT: 4.22 min Scan# 948
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 79340
Ion Ratio Lower Upper
96 100
61 145.6 0.0 285.6
98 64.9 0.0 130.2



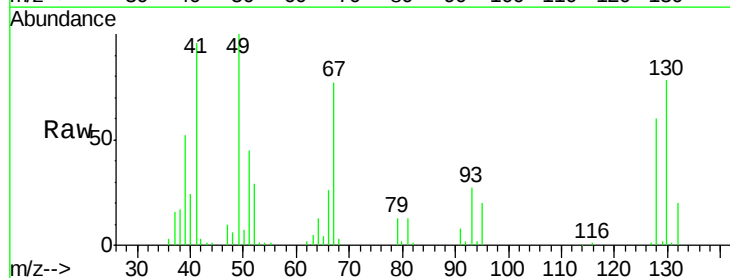
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



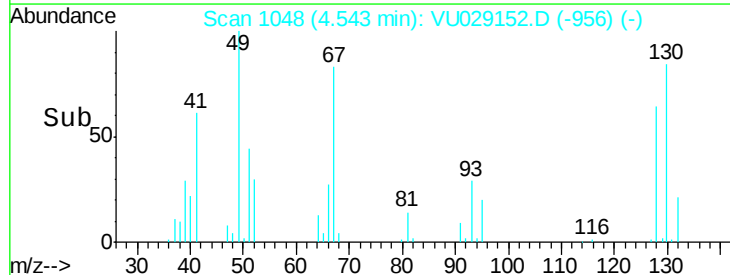
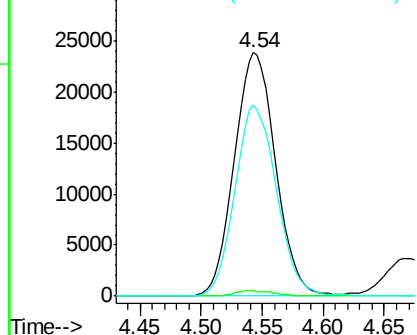
#28

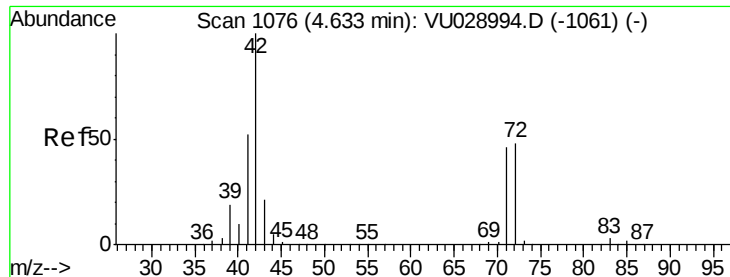
Bromochloromethane
Concen: 48.352 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 49 Resp: 55991
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.4
130 79.0 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

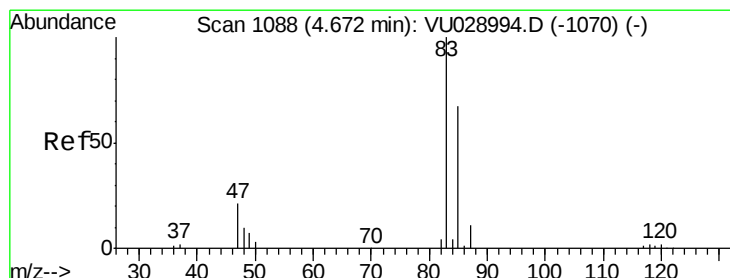
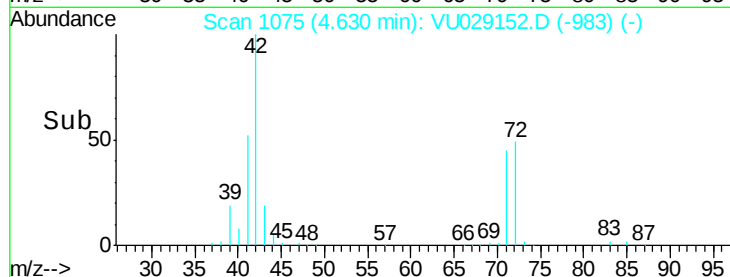
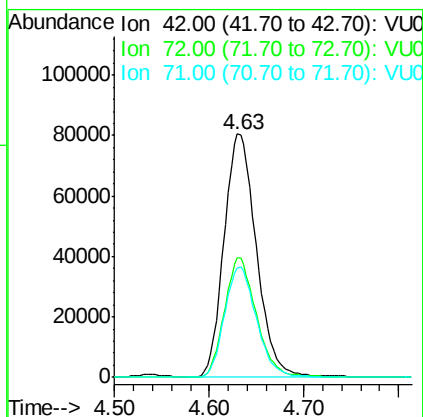
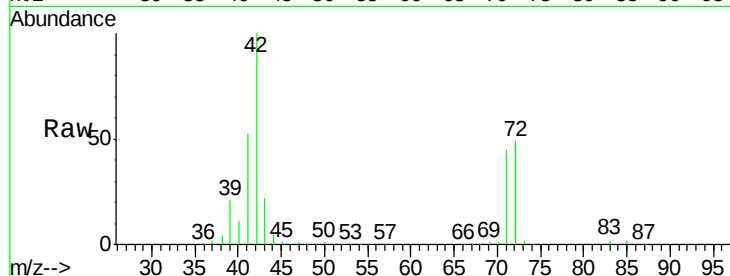




#29
Tetrahydrofuran
Concen: 241.156 ug/l
RT: 4.63 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

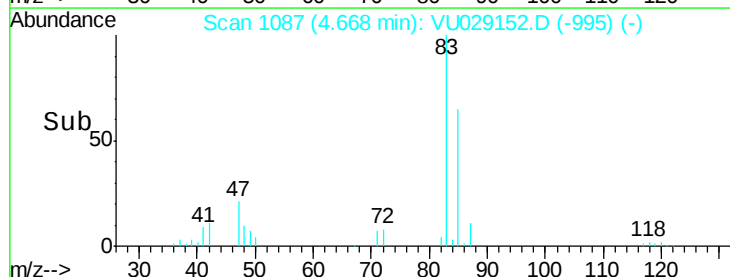
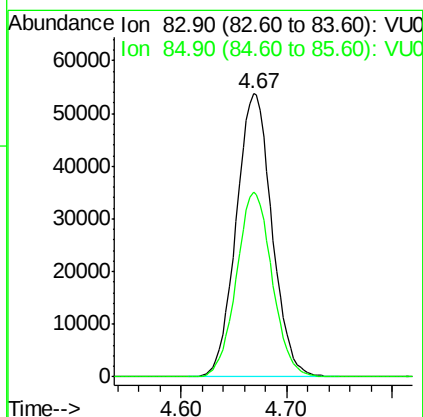
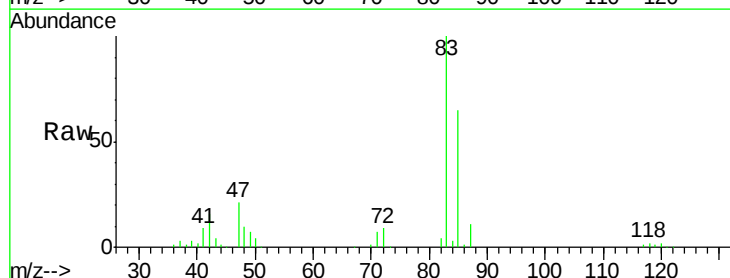
Instrument :
MSVOA_U
ClientSampleId :

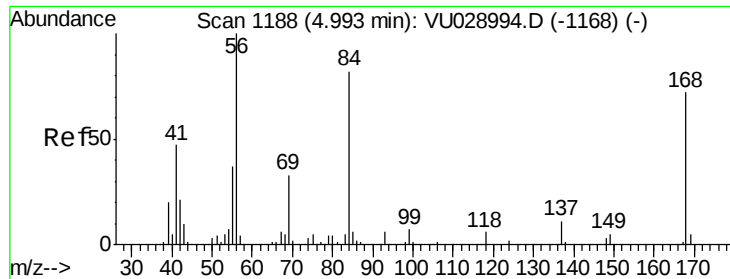
Tot Ion: 42 Resp: 191629
Ion Ratio Lower Upper
42 100
72 48.3 38.3 57.5
71 44.9 36.1 54.1



#30
Chloroform
Concen: 49.070 ug/l
RT: 4.67 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 83 Resp: 126396
Ion Ratio Lower Upper
83 100
85 65.4 53.4 80.0

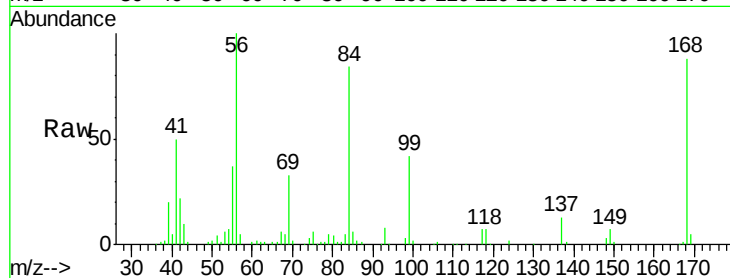




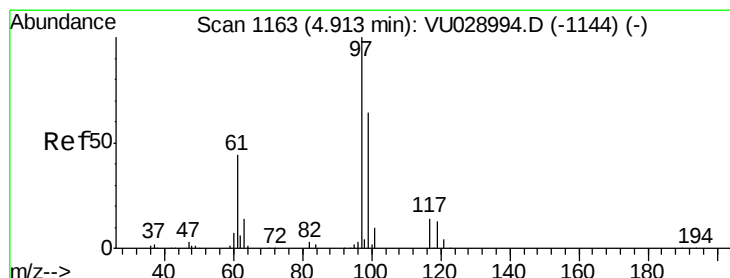
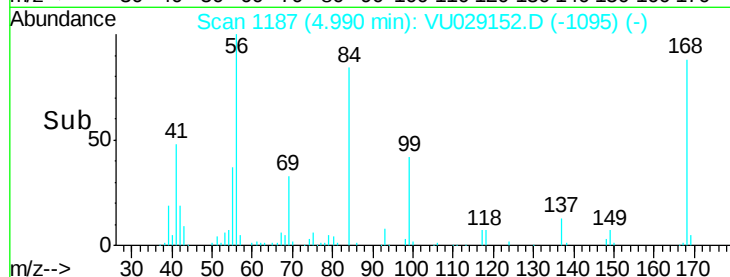
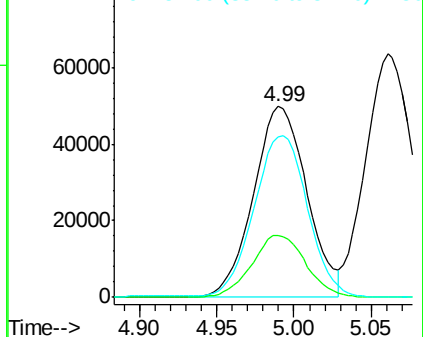
#31
Cyclohexane
Concen: 46.956 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 120047
Ion Ratio Lower Upper
56 100
69 32.7 26.7 40.1
84 83.4 65.7 98.5

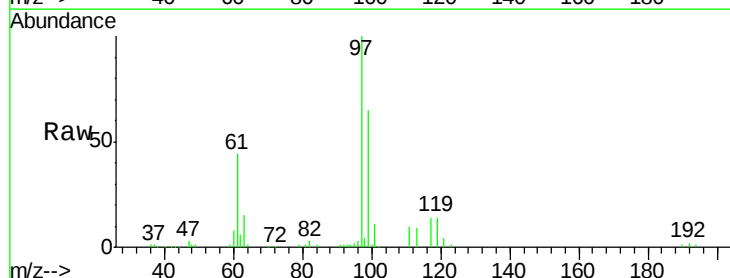


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

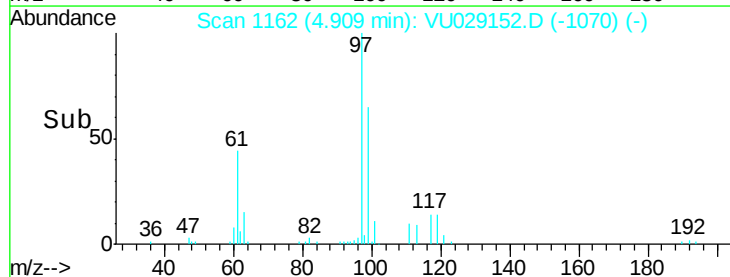
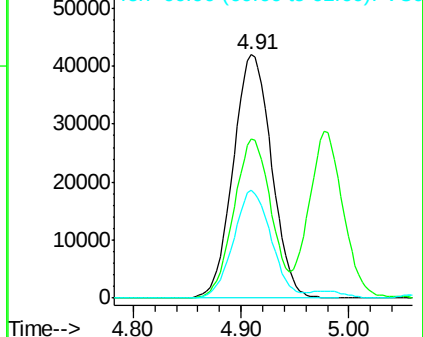


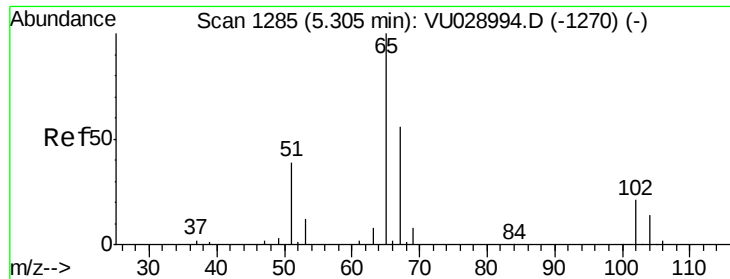
#32
1,1,1-Trichloroethane
Concen: 48.837 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 97 Resp: 103942
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 43.5 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

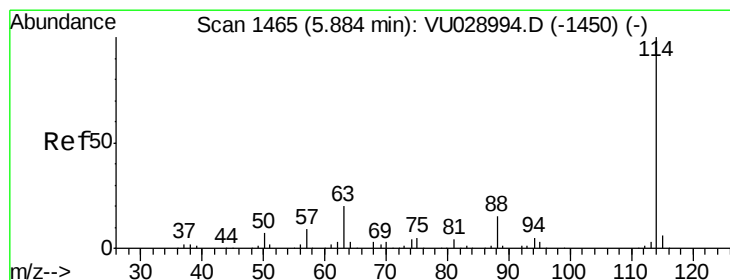
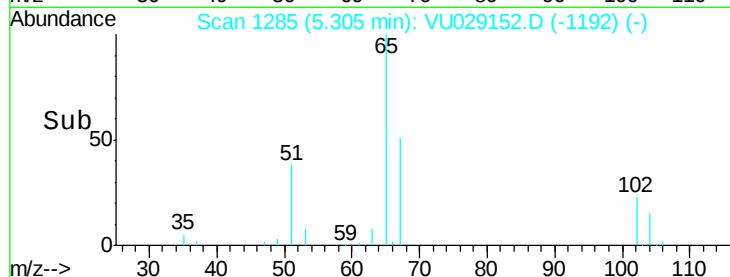
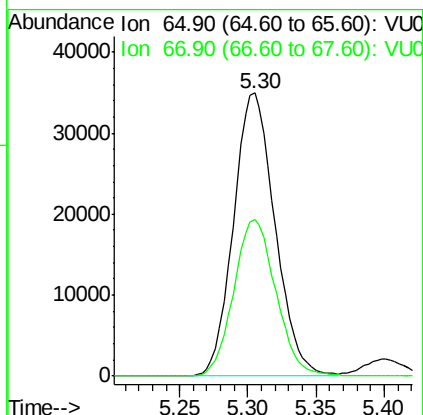
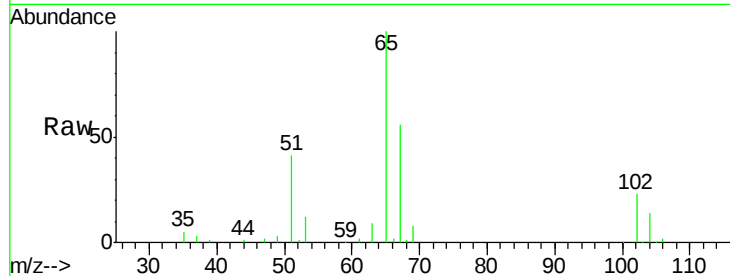




#33
 1,2-Dichloroethane-d4
 Concen: 47.883 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

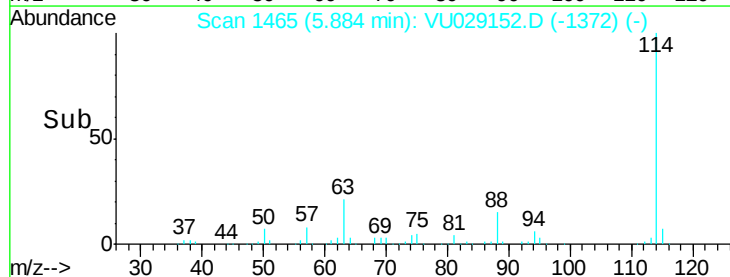
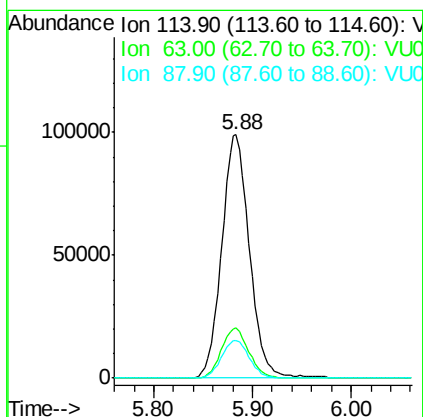
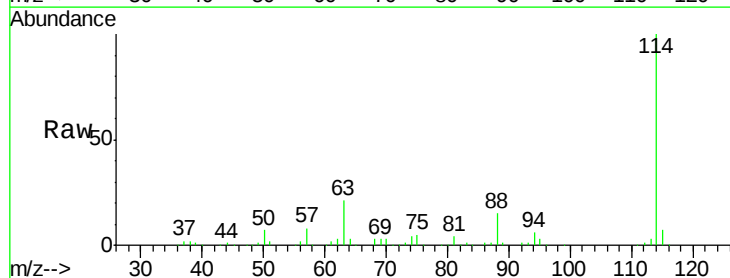
Instrument :
 MSVOA_U
 ClientSampleId :

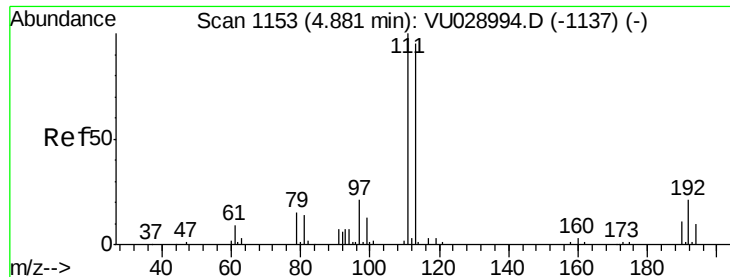
Tot Ion: 65 Resp: 73730
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Tgt Ion: 114 Resp: 195289
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.2
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.566 ug/l

RT: 4.88 min Scan# 1152

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :

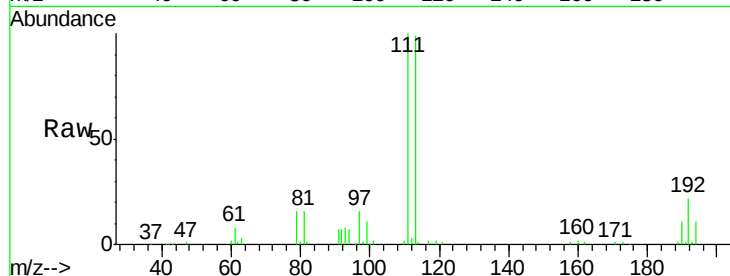
Tot Ion:113 Resp: 64012

Ion Ratio Lower Upper

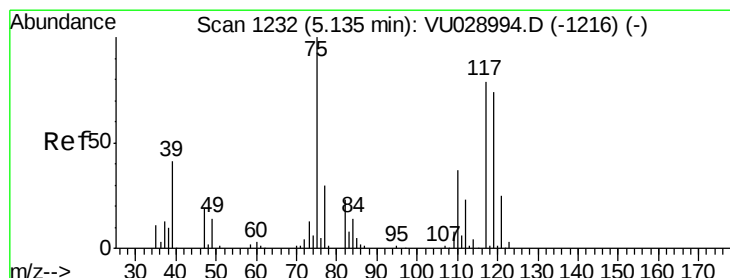
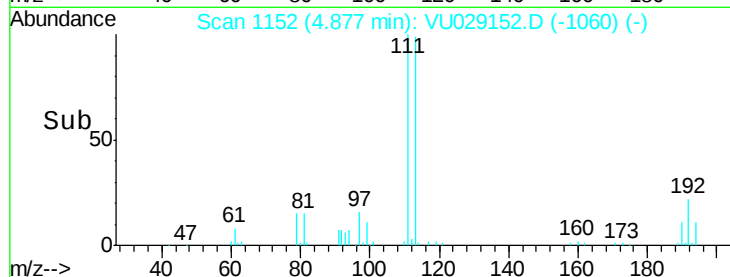
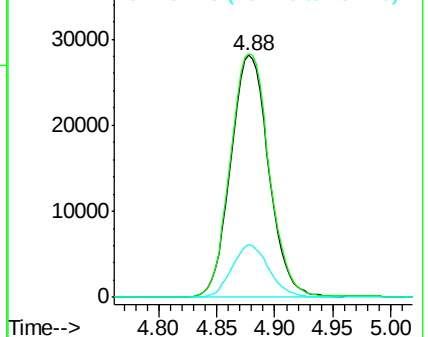
113 100

111 102.8 81.4 122.2

192 21.1 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: 48.917 ug/l

RT: 5.13 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

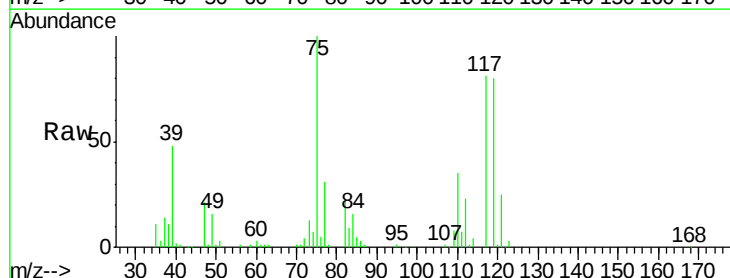
Tgt Ion: 75 Resp: 95486

Ion Ratio Lower Upper

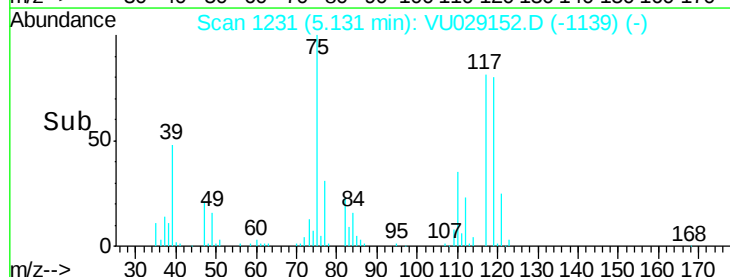
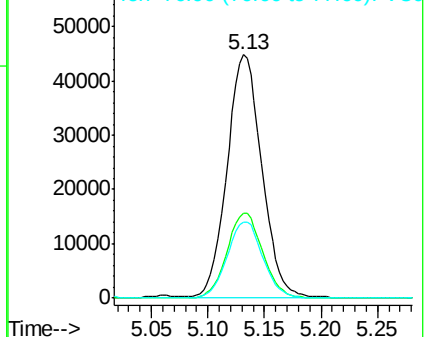
75 100

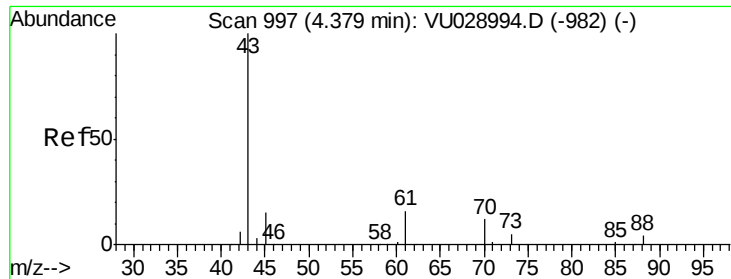
110 36.0 18.4 55.4

77 32.3 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

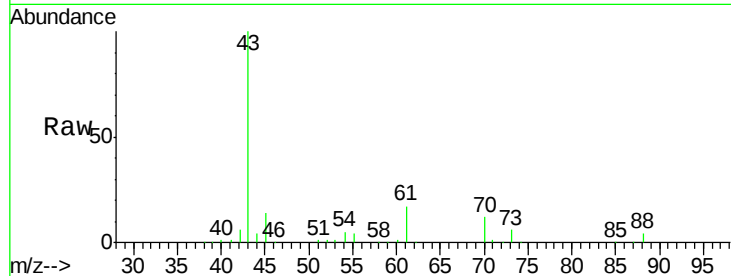




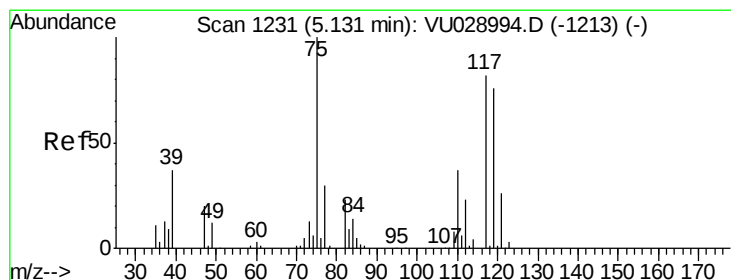
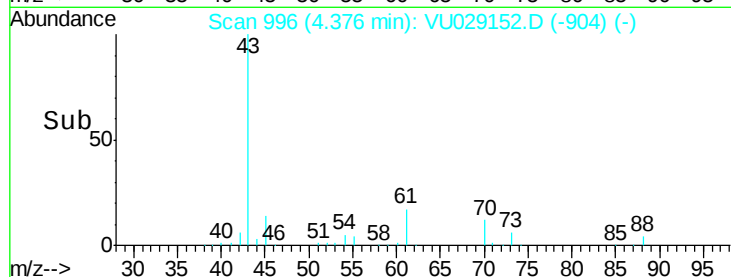
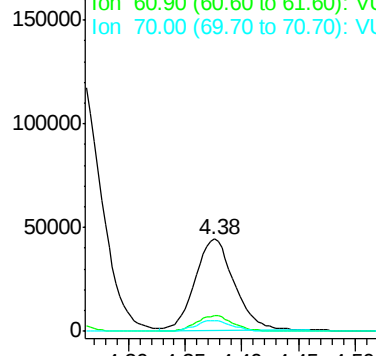
#37
Ethyl Acetate
Concen: 49.702 ug/l
RT: 4.38 min Scan# 996
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 106493
Ion Ratio Lower Upper
43 100
61 16.3 12.6 18.8
70 11.2 9.3 13.9

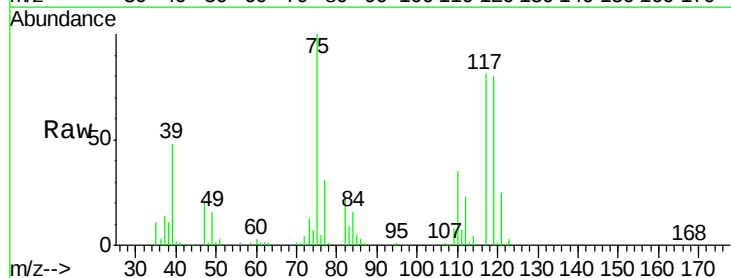


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

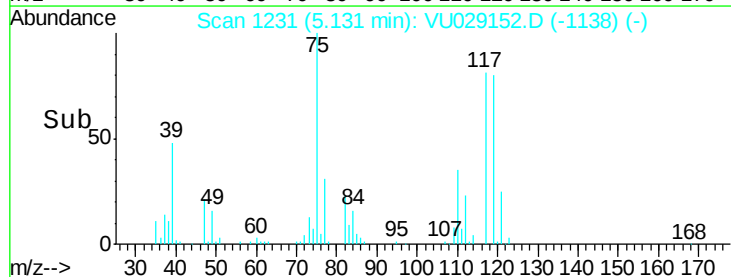
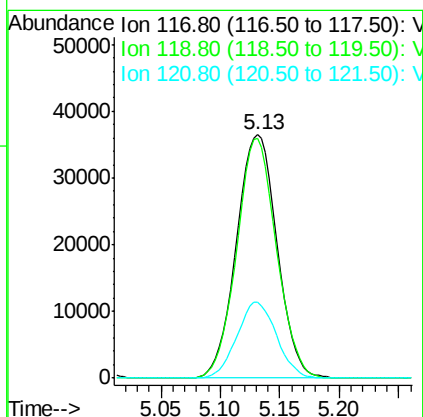


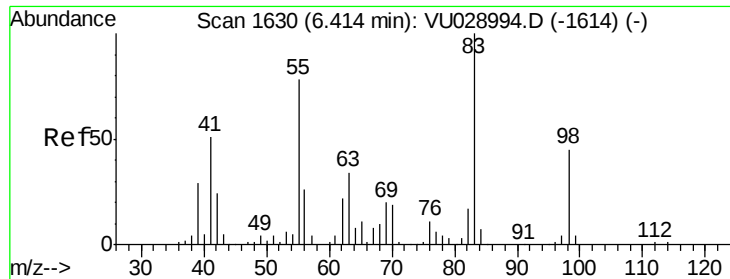
#38
Carbon Tetrachloride
Concen: 53.019 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 117 Resp: 86318
Ion Ratio Lower Upper
117 100
119 98.6 74.6 111.8
121 31.0 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

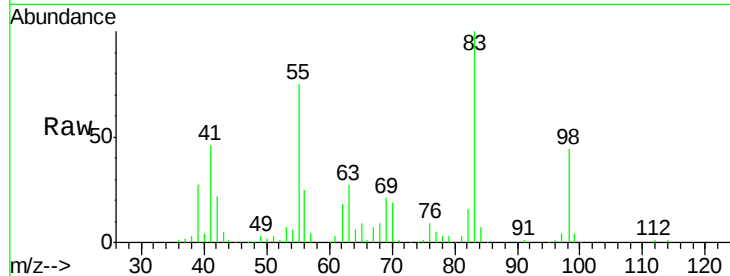




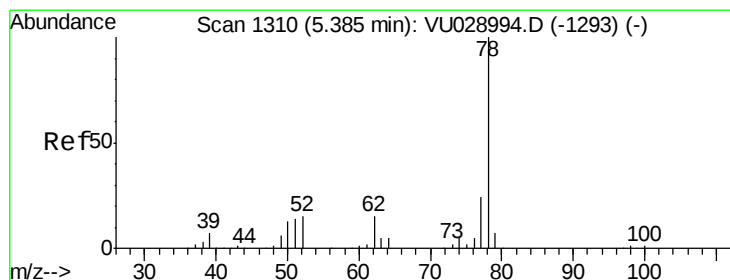
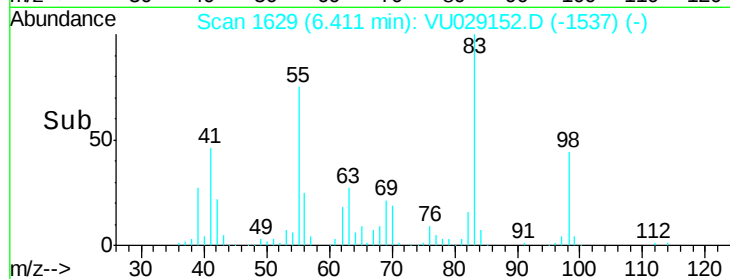
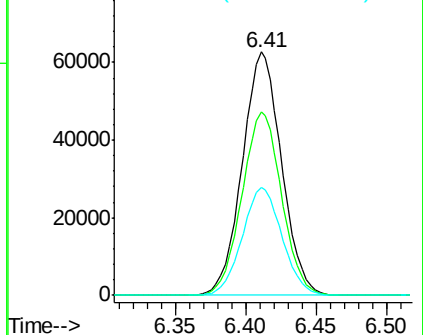
#39
Methvlcvclohexane
Concen: 50.862 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 122056
Ion Ratio Lower Upper
83 100
55 75.2 62.4 93.6
98 44.4 36.2 54.2

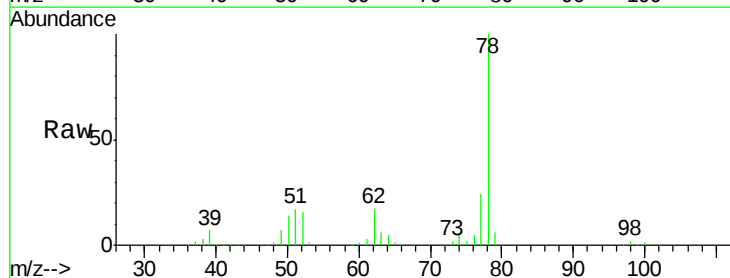


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

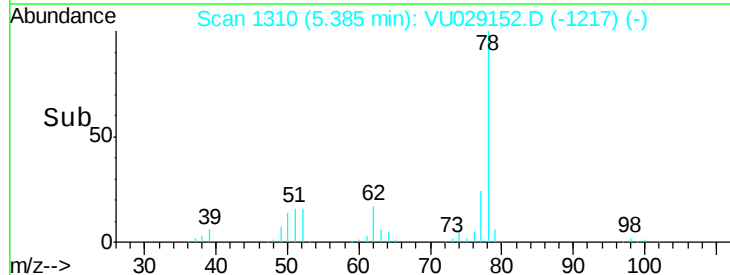
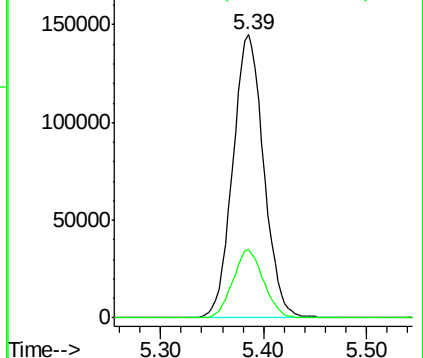


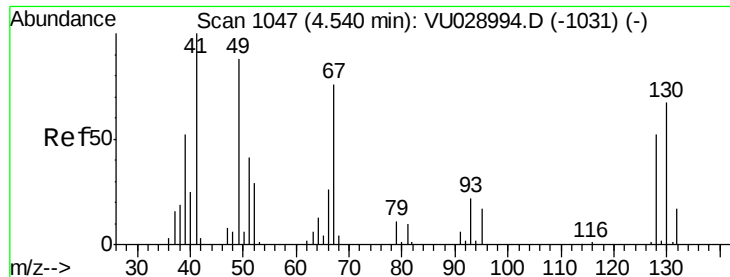
#40
Benzene
Concen: 49.726 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 78 Resp: 302773
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

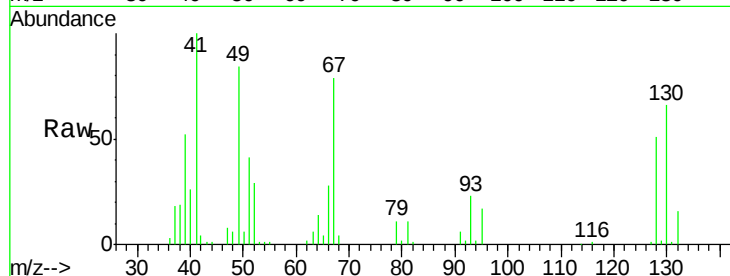




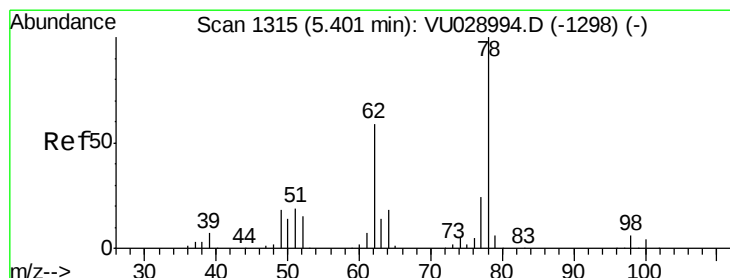
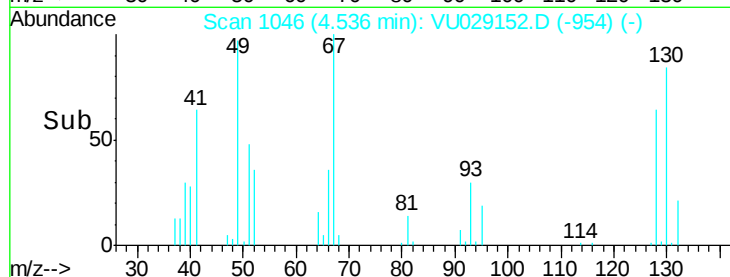
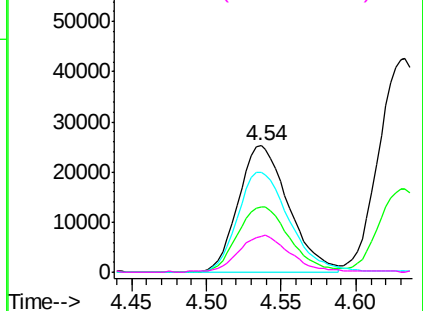
#41
Methacrylonitrile
Concen: 51.528 ug/l
RT: 4.54 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	59098
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.3	63.5
67	81.5	64.4	96.6
52	28.7	23.9	35.9

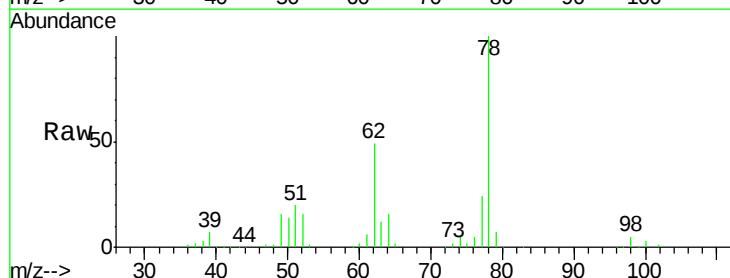


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

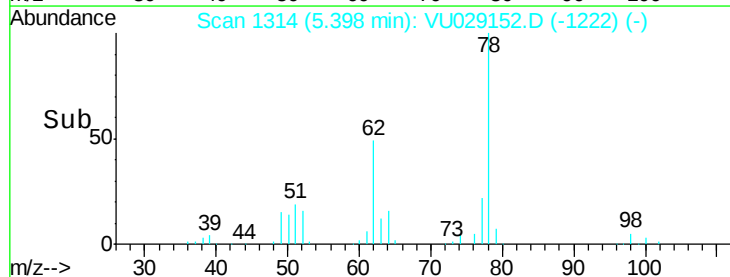
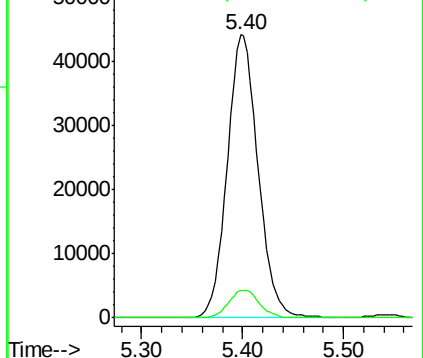


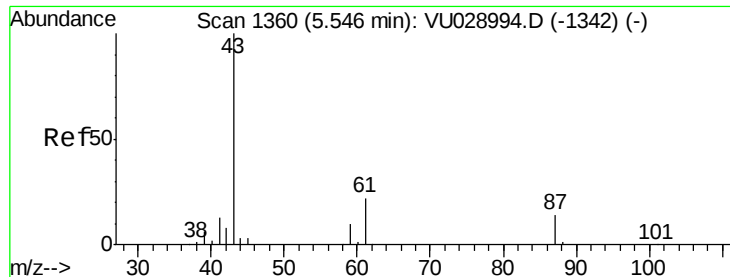
#42
1,2-Dichloroethane
Concen: 51.452 ug/l
RT: 5.40 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion:	62	Resp:	94138
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 51.655 ug/l

RT: 5.54 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

ClientSampled :

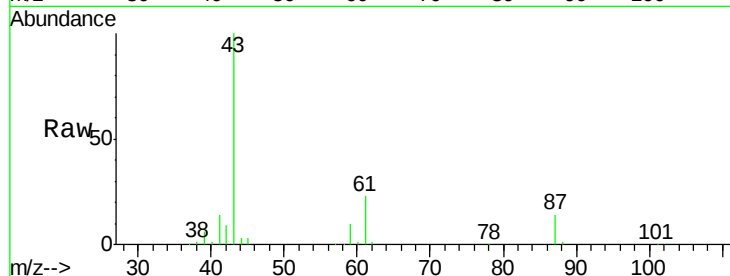
Tot Ion: 43 Resp: 169779

Ion Ratio Lower Upper

43 100

61 22.4 17.8 26.6

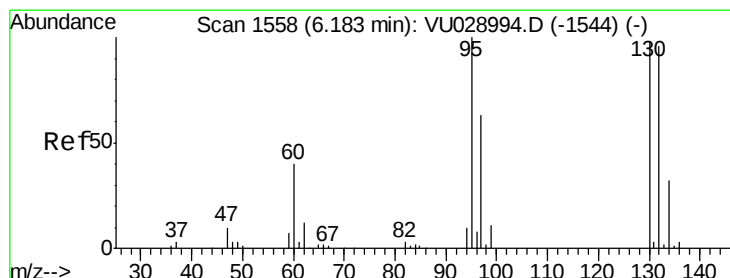
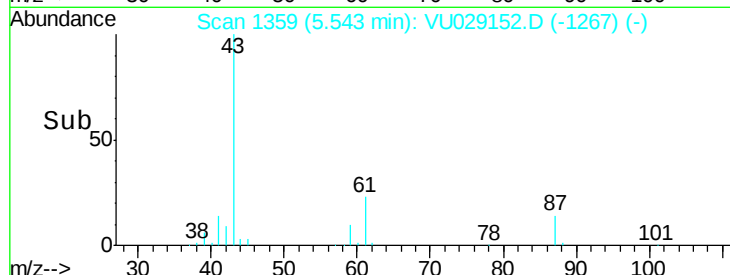
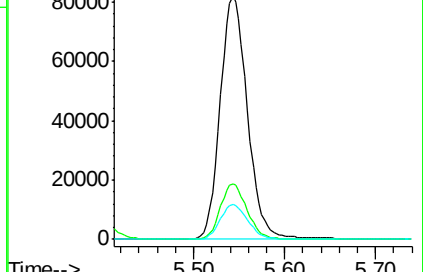
87 14.5 11.3 16.9



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: 50.669 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU029152.D

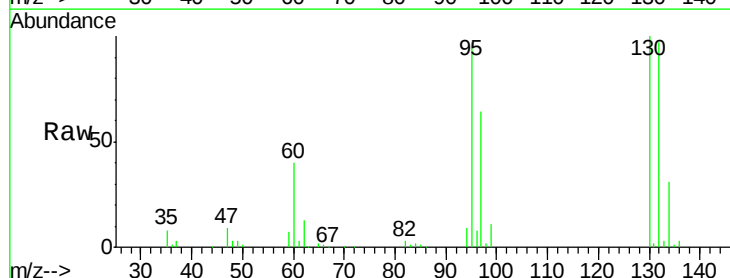
Acq: 14 Jan 2019 09:34

Tgt Ion:130 Resp: 76441

Ion Ratio Lower Upper

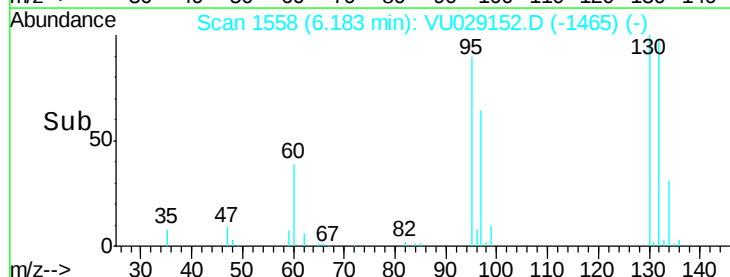
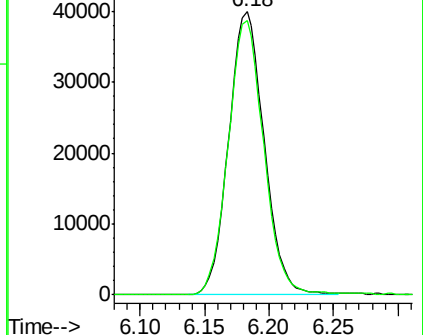
130 100

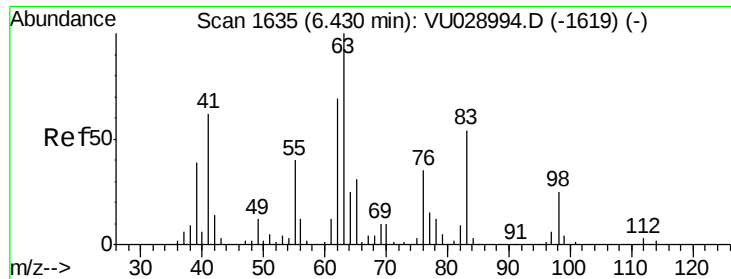
95 97.1 0.0 205.0



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: 50.855 ug/l

RT: 6.43 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

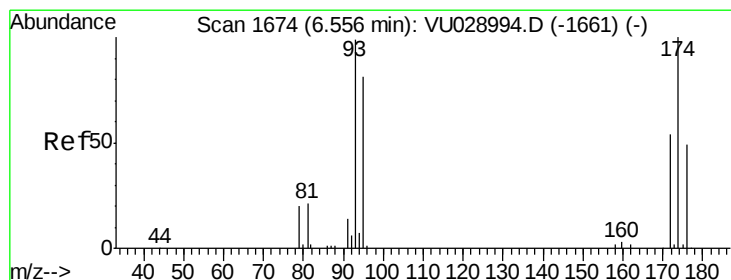
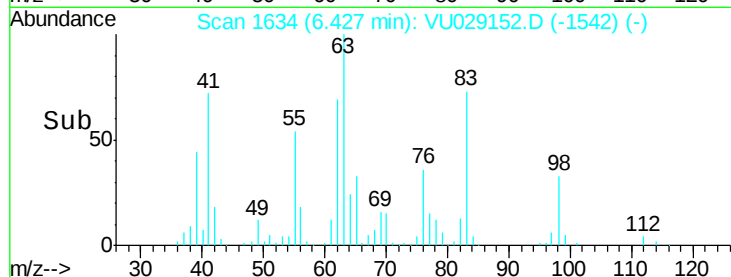
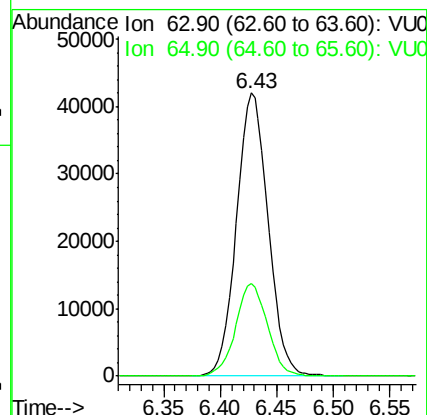
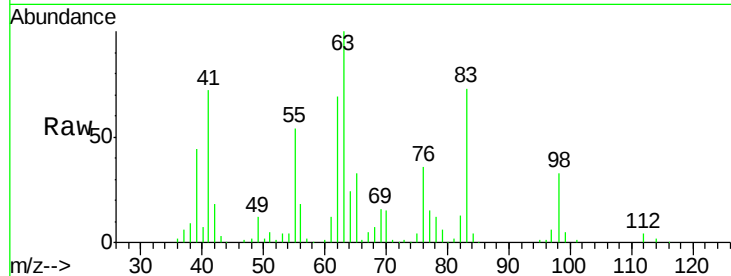
ClientSampleId :

Tot Ion: 63 Resp: 81772

Ion Ratio Lower Upper

63 100

65 32.8 25.1 37.7



#46

Dibromomethane

Concen: 51.138 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

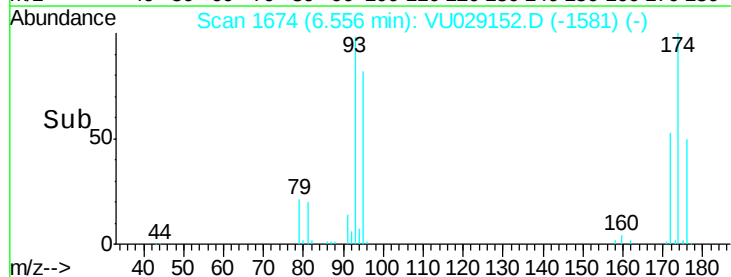
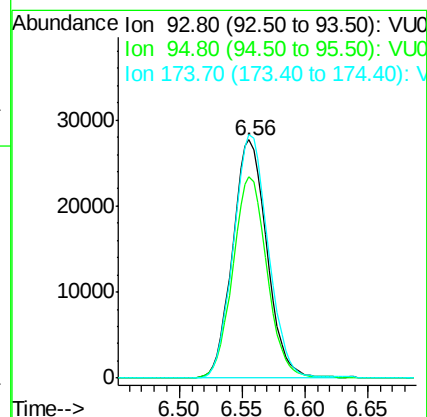
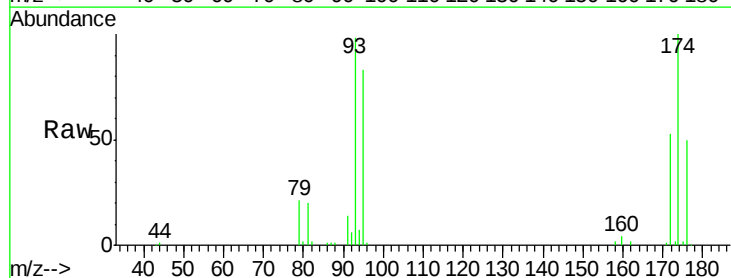
Tgt Ion: 93 Resp: 52564

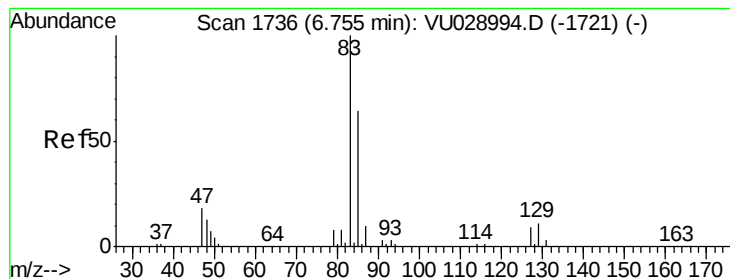
Ion Ratio Lower Upper

93 100

95 84.1 67.2 100.8

174 103.5 82.6 123.8





#47

Bromodichloromethane

Concen: 52.697 ug/l

RT: 6.75 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampled :

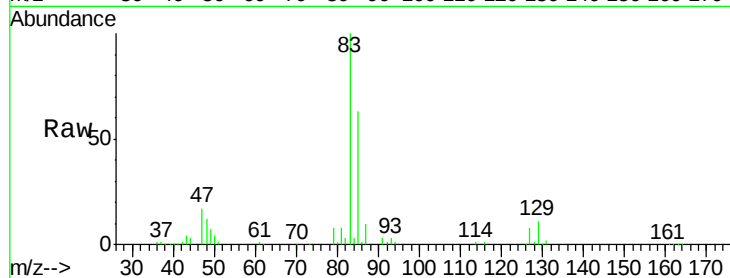
Tot Ion: 83 Resp: 99731

Ion Ratio Lower Upper

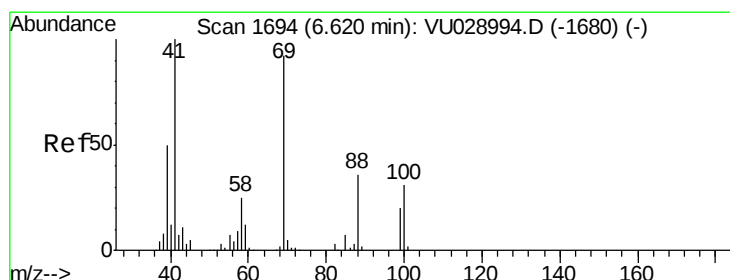
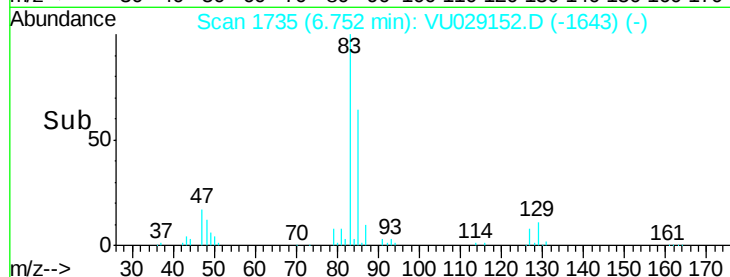
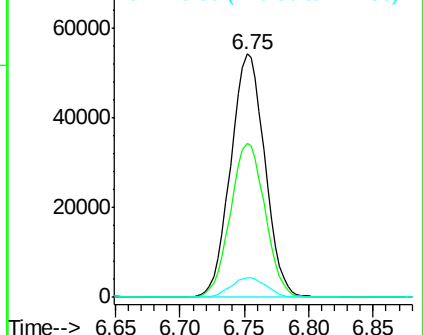
83 100

85 63.4 51.4 77.2

127 8.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.974 ug/l

RT: 6.62 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

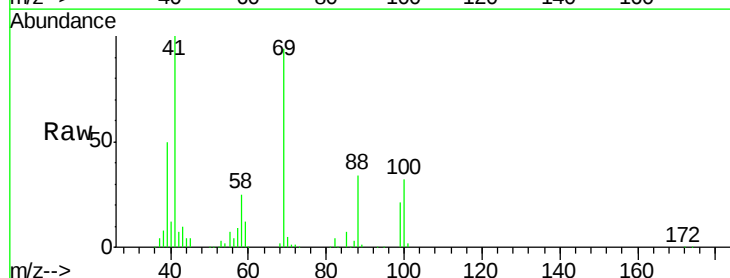
Tgt Ion: 41 Resp: 84781

Ion Ratio Lower Upper

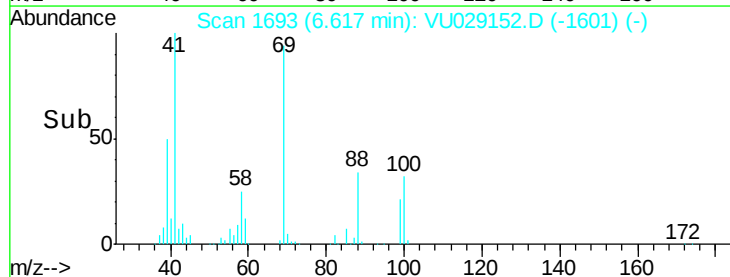
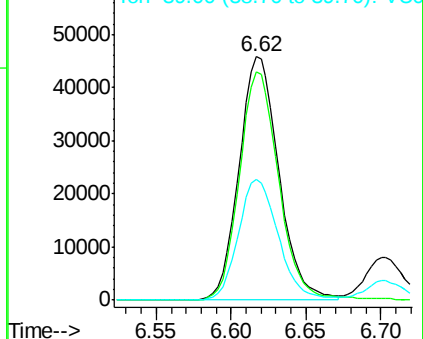
41 100

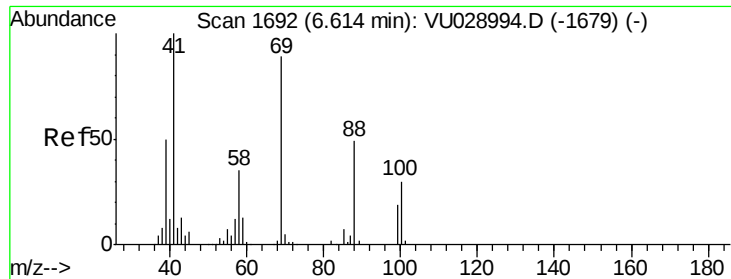
69 92.6 73.6 110.4

39 49.8 39.6 59.4



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

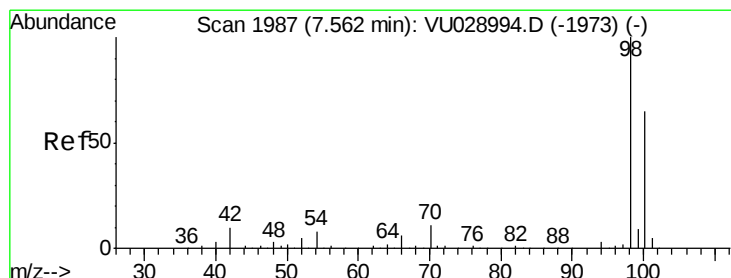
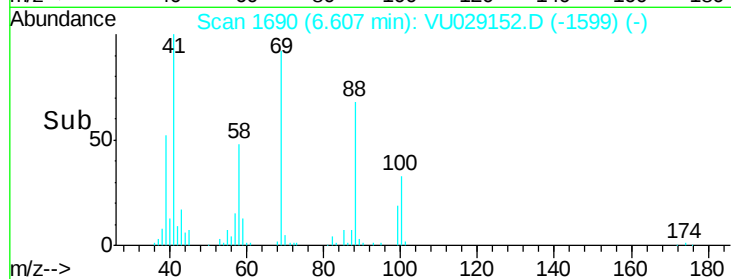
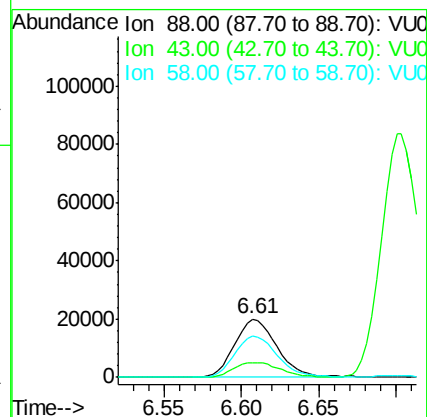
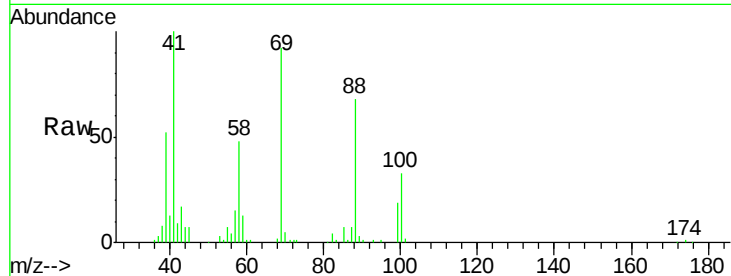




#49
1,4-Dioxane
Concen: 999.615 ug/l
RT: 6.61 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

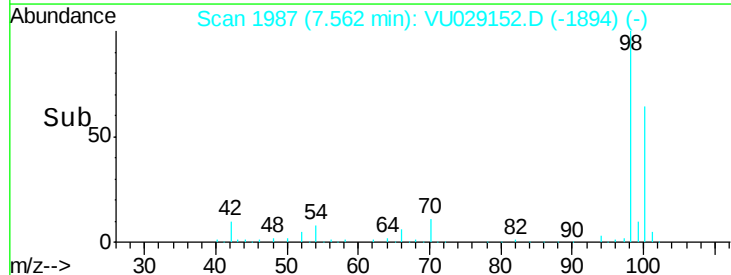
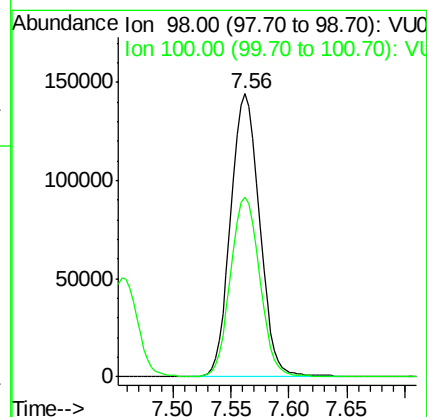
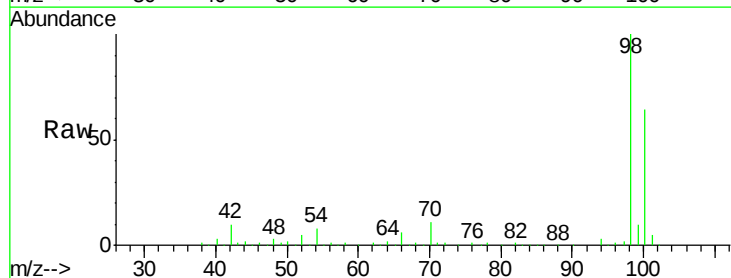
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 88 Resp: 37913
Ion Ratio Lower Upper
88 100
43 28.8 23.0 34.4
58 72.4 57.9 86.9



#50
Toluene-d8
Concen: 49.996 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 98 Resp: 249865
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 254.039 ug/l

RT: 7.46 min Scan# 1954

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

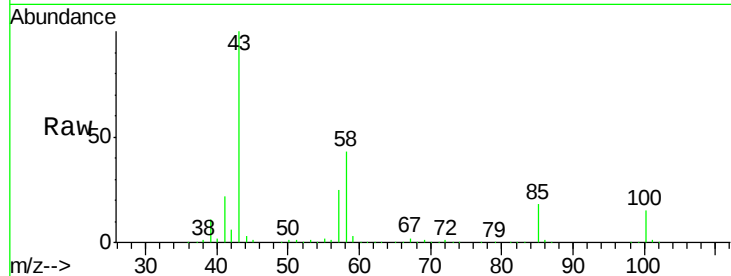
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 568248

Ion Ratio Lower Upper

43 100

58 42.8 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-1939) (-)

7.46

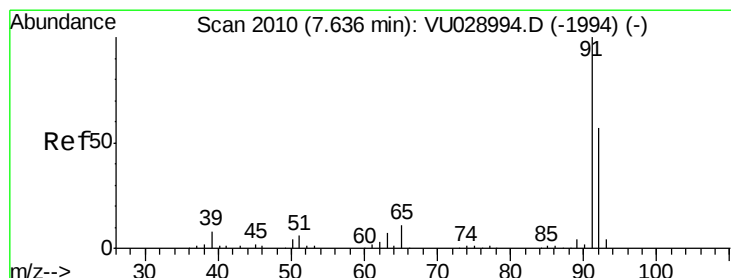
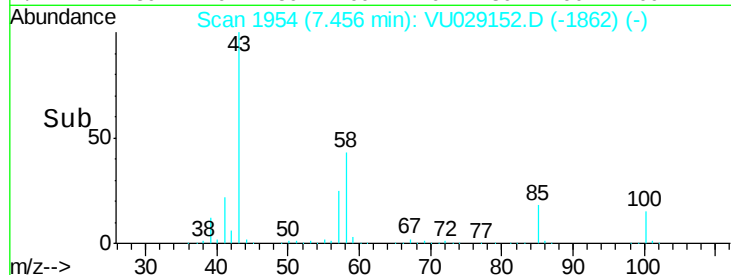
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.834 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VU029152.D

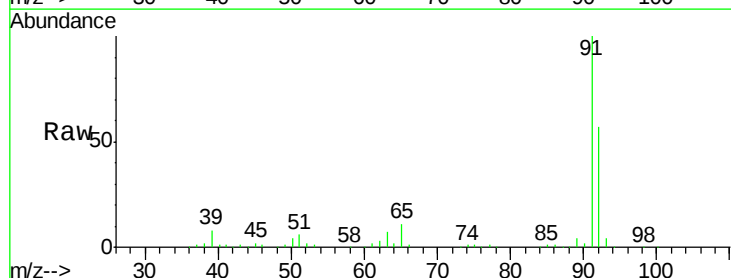
Acq: 14 Jan 2019 09:34

Tgt Ion: 92 Resp: 188427

Ion Ratio Lower Upper

92 100

91 173.0 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU028994.D (-1994) (-)

Ion 91.00 (90.70 to 91.70): VU028994.D (-1994) (-)

7.63

200000

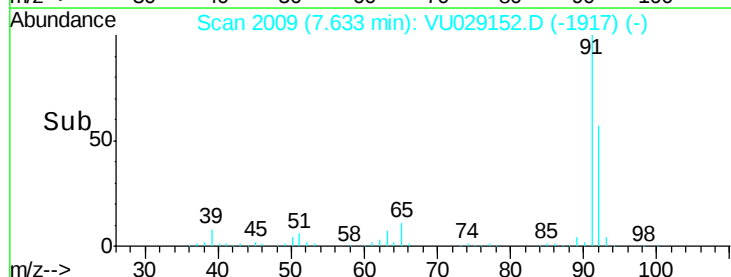
150000

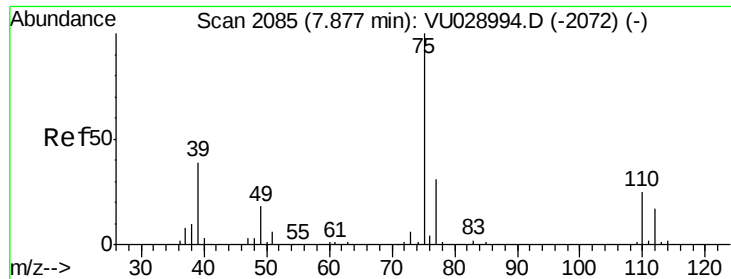
100000

50000

0

Time-->

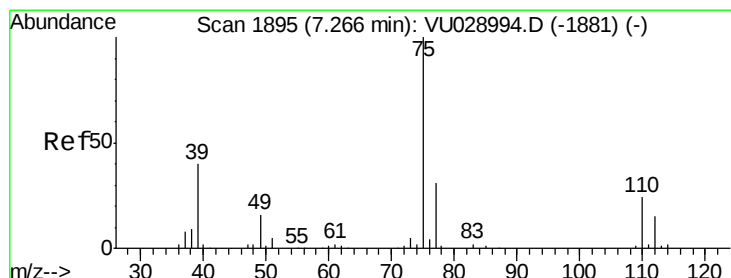
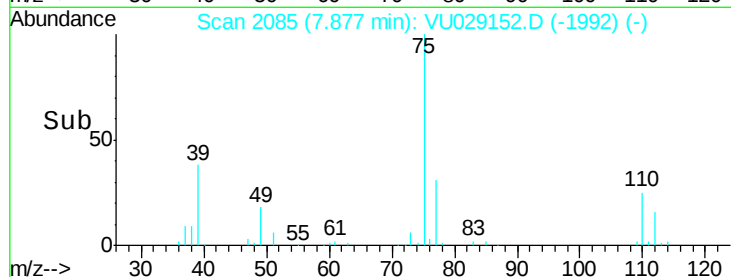
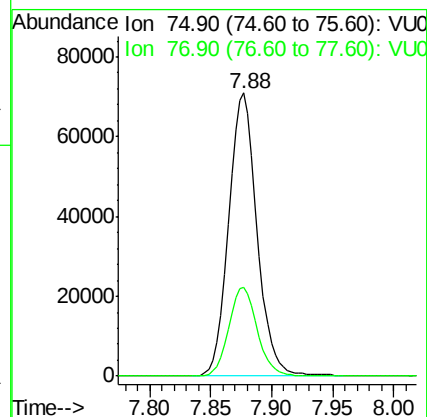
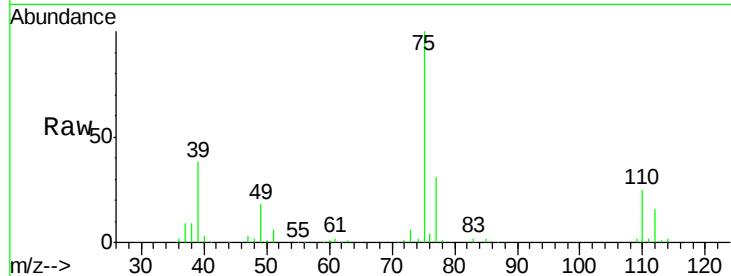




#53
t-1,3-Dichloropropene
Concen: 51.050 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

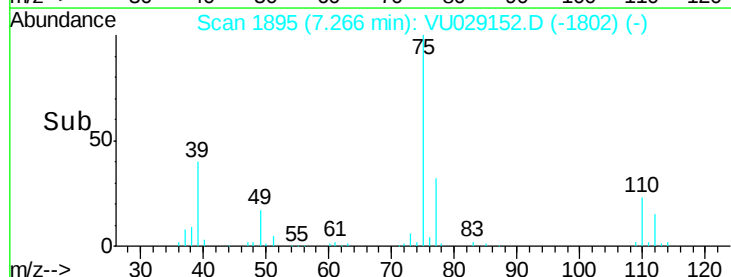
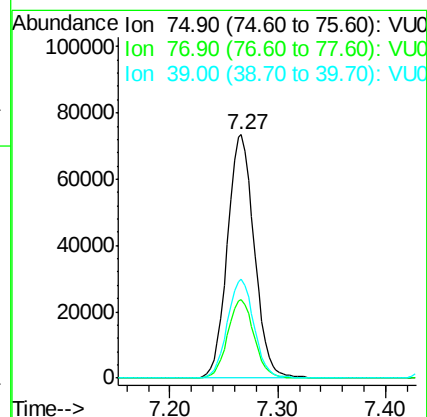
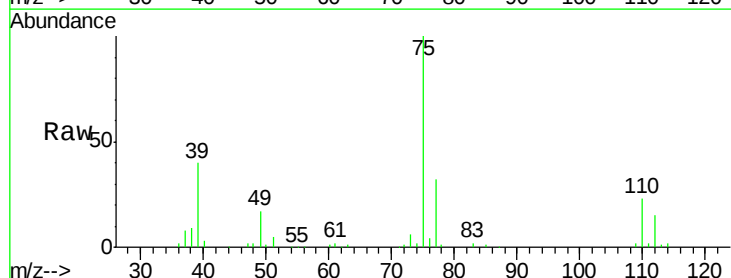
Instrument :
MSVOA_U
ClientSampleId :

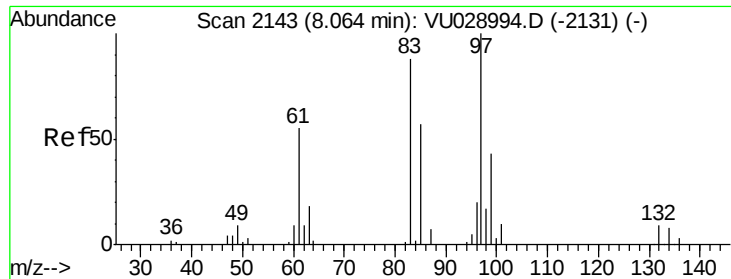
Tot Ion: 75 Resp: 116059
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.891 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 75 Resp: 127473
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 40.4 32.2 48.4



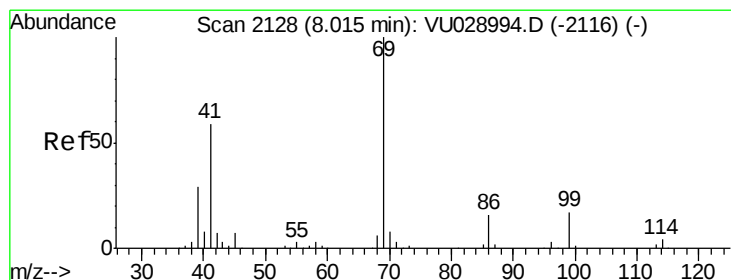
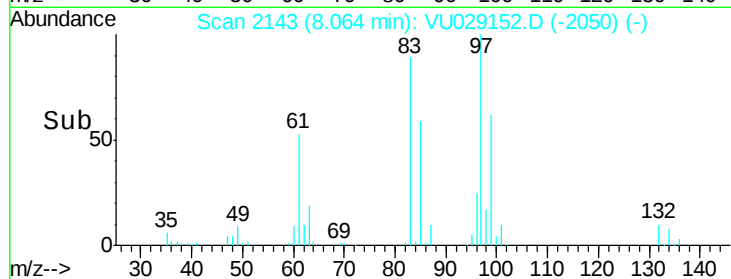
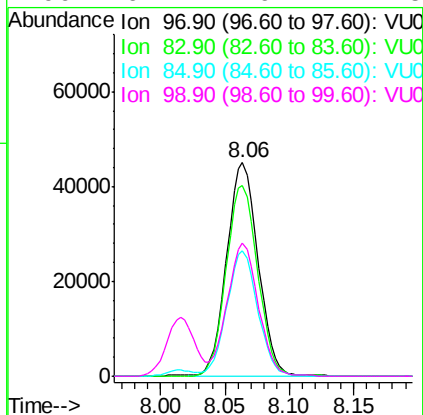
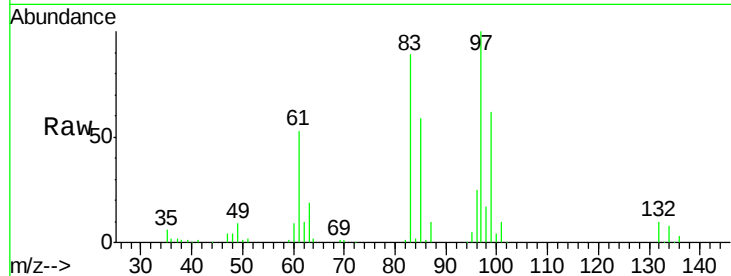


#55
 1,1,2-Trichloroethane
 Concen: 51.473 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 97 Resp: 76435

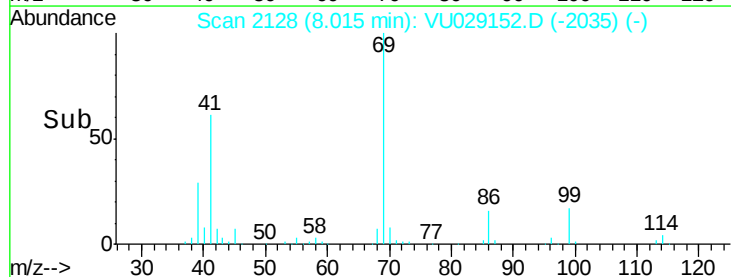
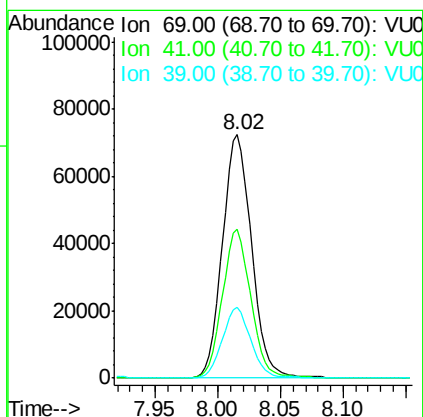
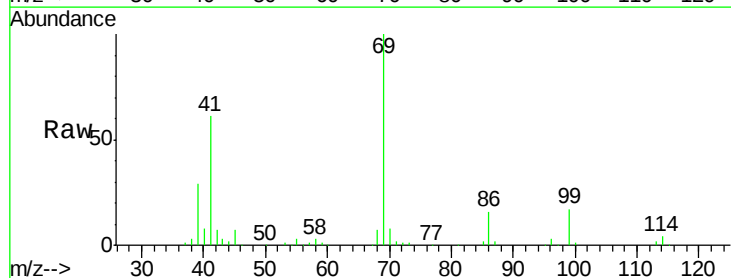
Ion	Ratio	Lower	Upper
97	100		
83	89.2	69.8	104.8
85	58.6	47.3	70.9
99	62.2	49.7	74.5

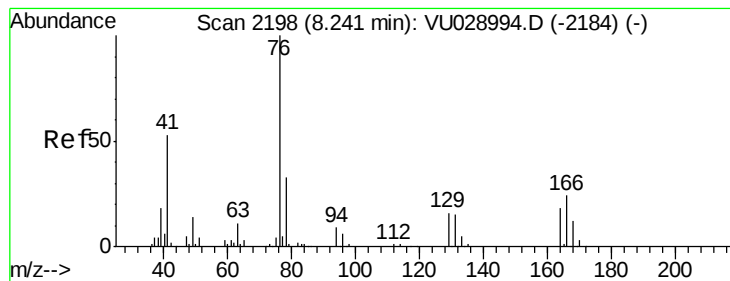


#56
 Ethyl methacrylate
 Concen: 51.141 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Tgt Ion: 69 Resp: 116998

Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.5	71.3
39	28.7	22.5	33.7





#57

1,3-Dichloropropane

Concen: 51.466 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

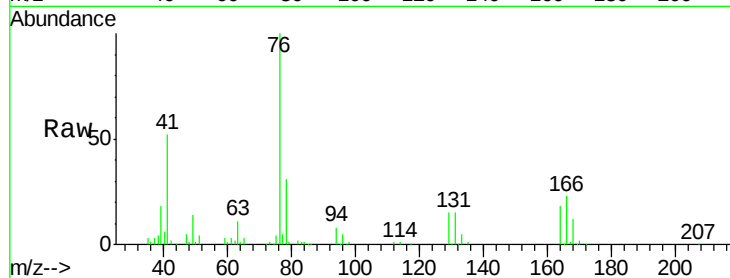
ClientSampled :

Tot Ion: 76 Resp: 130773

Ion Ratio Lower Upper

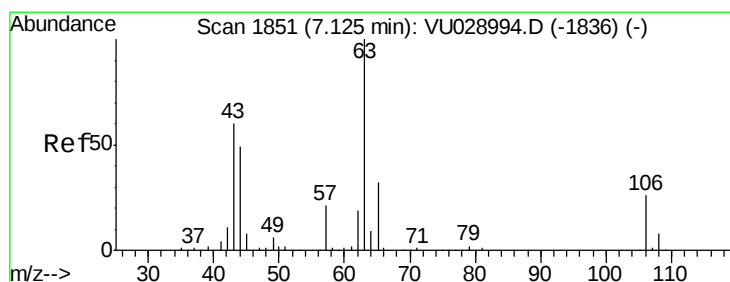
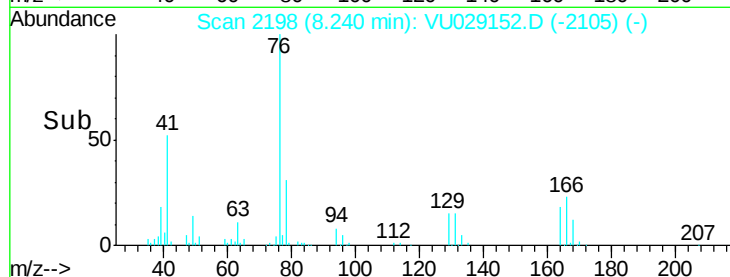
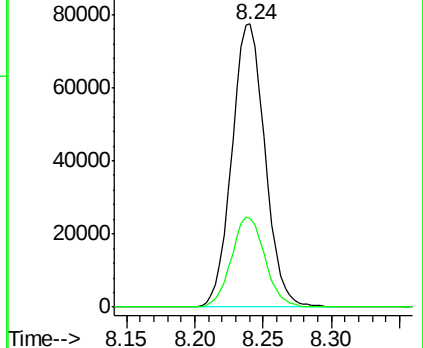
76 100

78 32.2 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: 238.602 ug/l

RT: 7.12 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VU029152.D

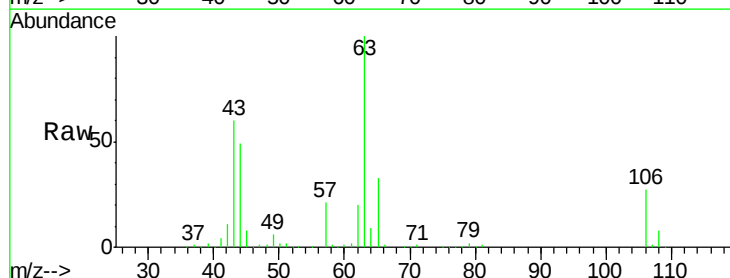
Acq: 14 Jan 2019 09:34

Tgt Ion: 63 Resp: 240060

Ion Ratio Lower Upper

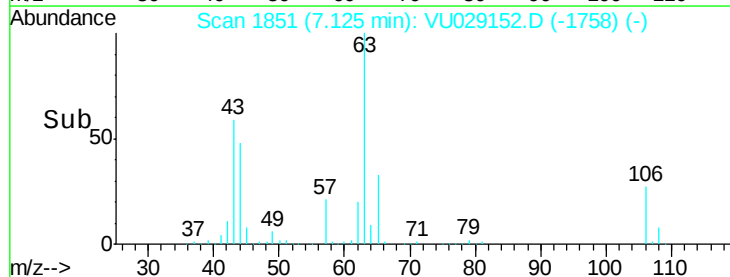
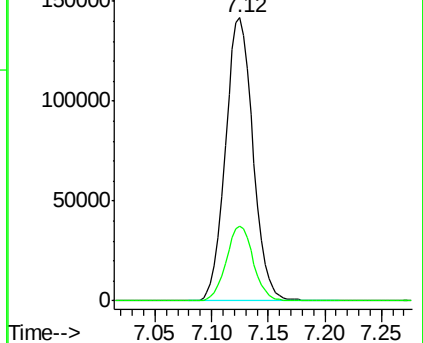
63 100

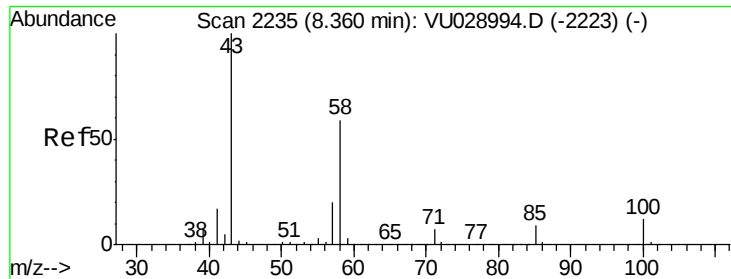
106 26.0 20.6 31.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

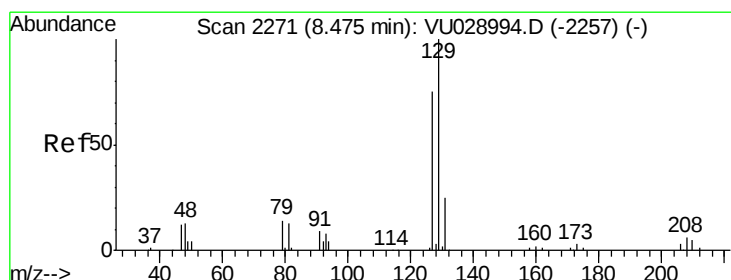
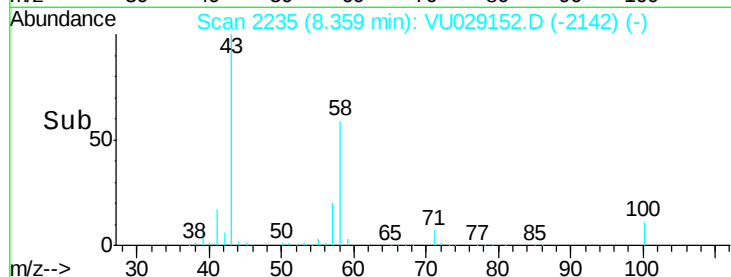
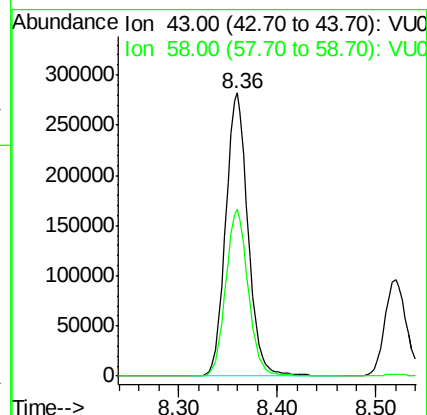
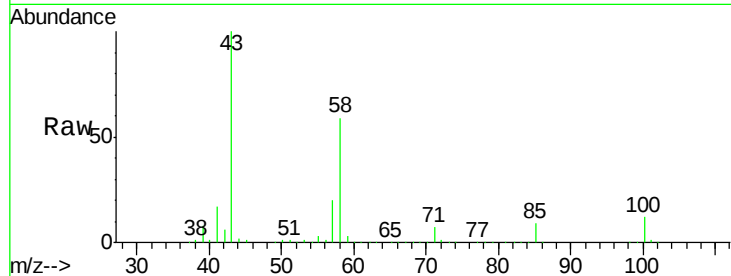




#59
2-Hexanone
Concen: 256.403 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

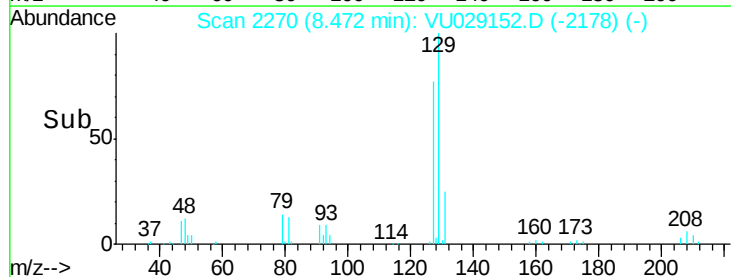
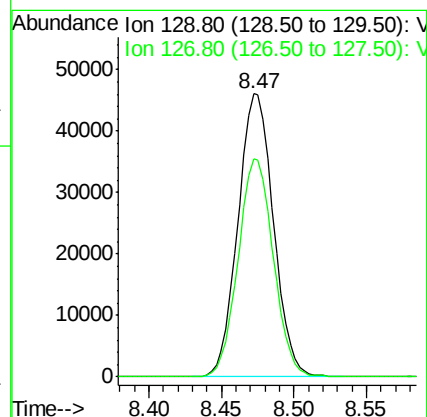
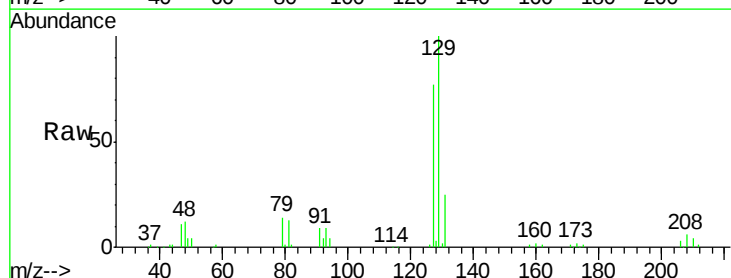
Instrument :
MSVOA_U
ClientSampleId :

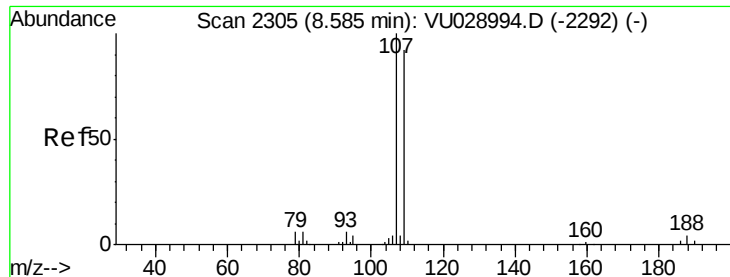
Tot Ion: 43 Resp: 450205
Ion Ratio Lower Upper
43 100
58 59.5 29.8 89.4



#60
Dibromochloromethane
Concen: 53.376 ug/l
RT: 8.47 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion:129 Resp: 78526
Ion Ratio Lower Upper
129 100
127 76.3 38.0 114.0





#61

1,2-Dibromoethane

Concen: 50.937 ug/l

RT: 8.58 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

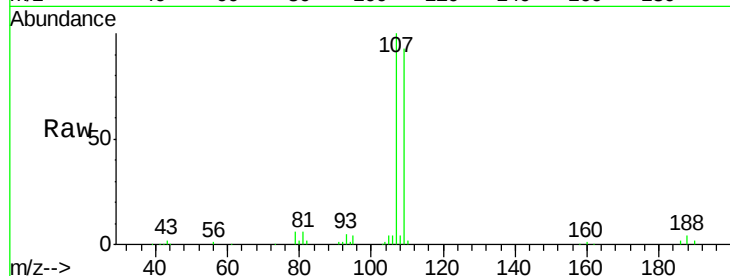
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 82036

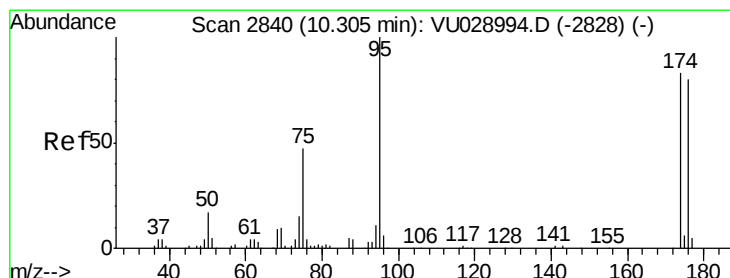
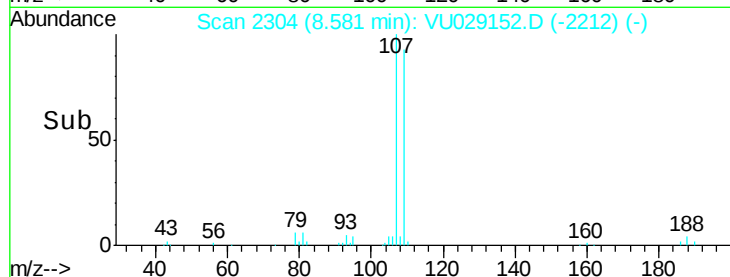
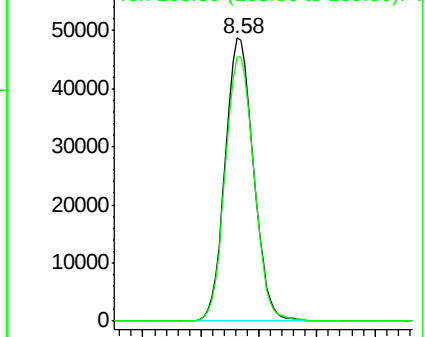
Ion Ratio Lower Upper

107 100

109 95.1 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.179 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

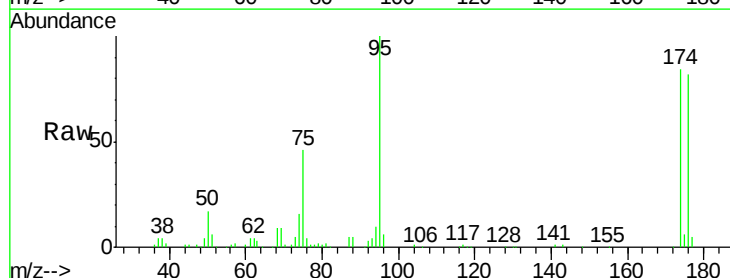
Tgt Ion: 95 Resp: 90126

Ion Ratio Lower Upper

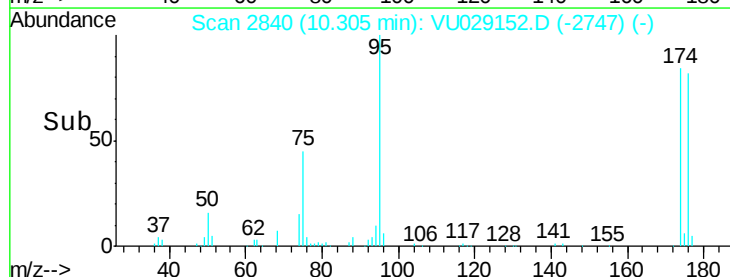
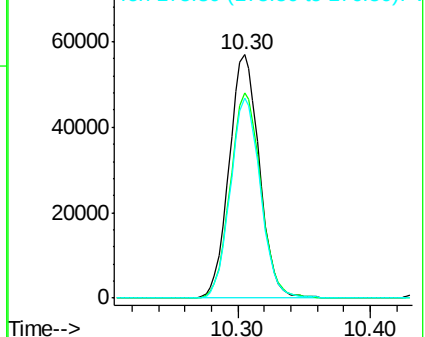
95 100

174 85.1 0.0 170.6

176 81.8 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

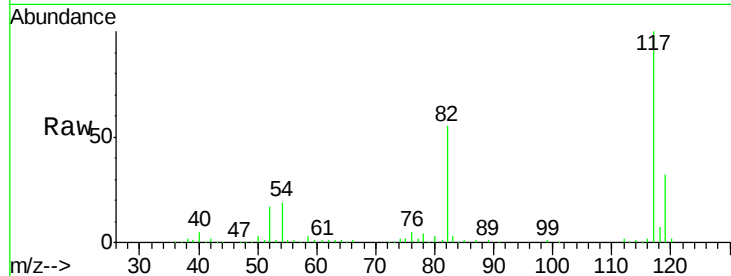




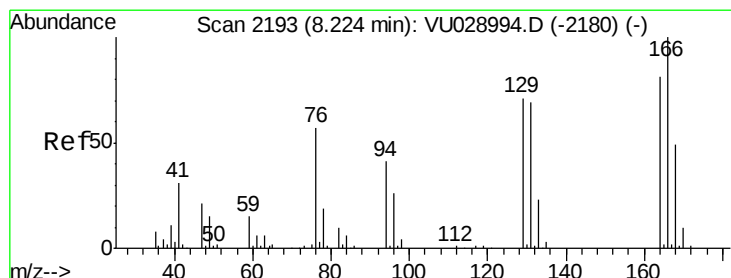
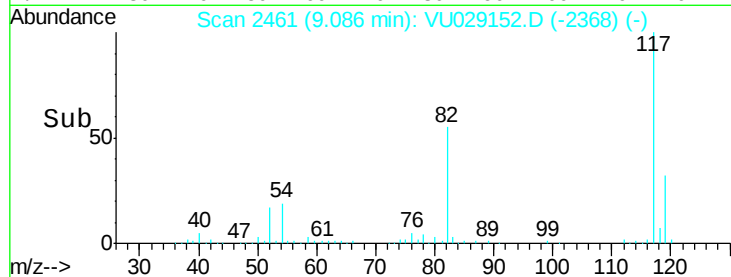
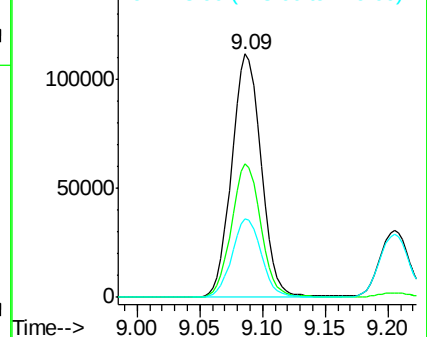
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 183030
Ion Ratio Lower Upper
117 100
82 54.9 43.9 65.9
119 32.3 26.0 39.0

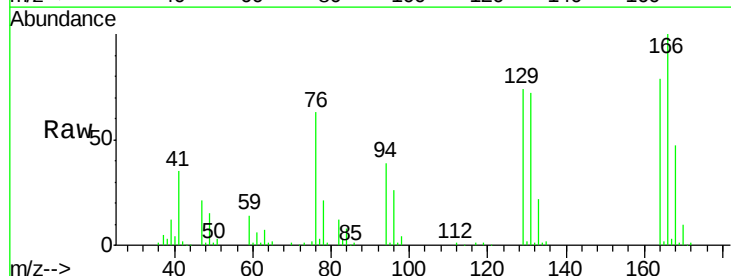


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

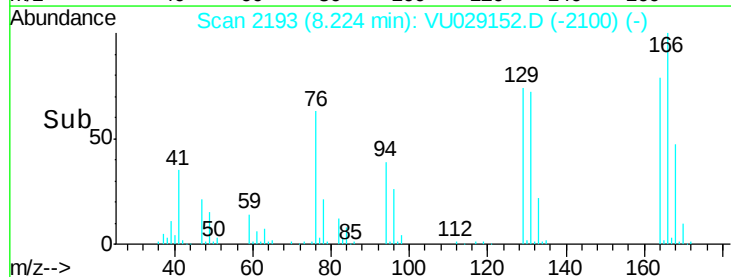
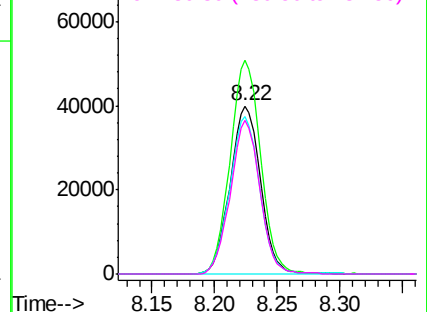


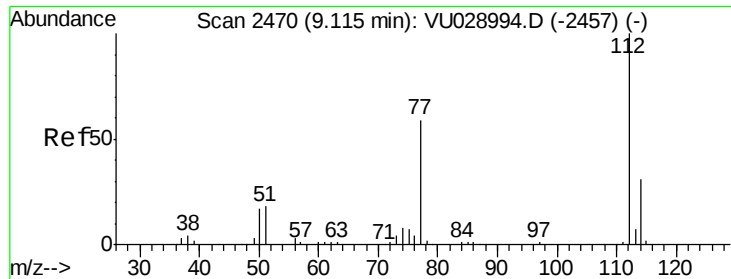
#64
Tetrachloroethene
Concen: 50.940 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion:164 Resp: 67163
Ion Ratio Lower Upper
164 100
166 127.3 99.4 149.0
129 94.1 70.5 105.7
131 91.2 69.0 103.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.867 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

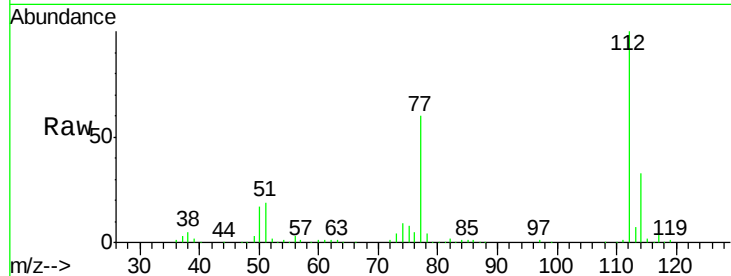
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 204589

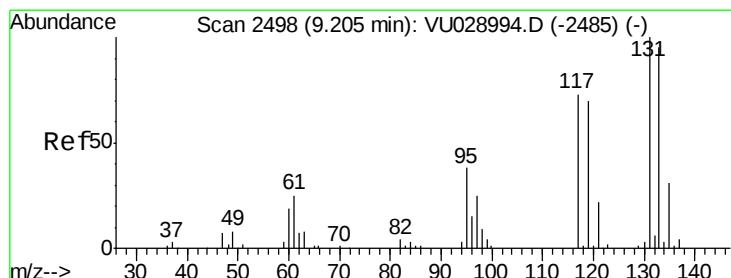
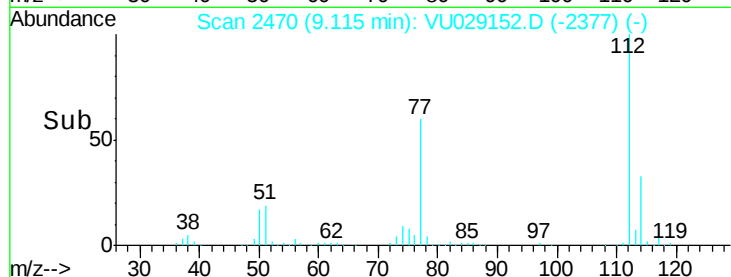
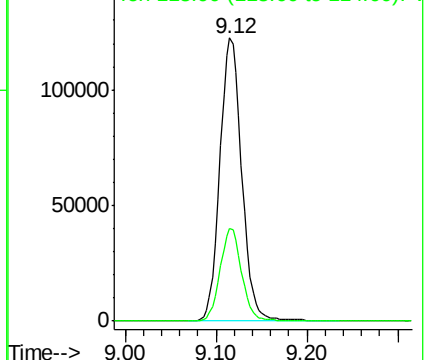
Ion Ratio Lower Upper

112 100

114 32.7 25.0 37.6



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



#66

1,1,1,2-Tetrachloroethane

Concen: 53.507 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

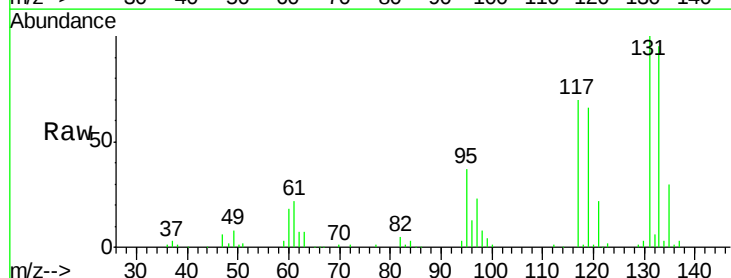
Tgt Ion:131 Resp: 71240

Ion Ratio Lower Upper

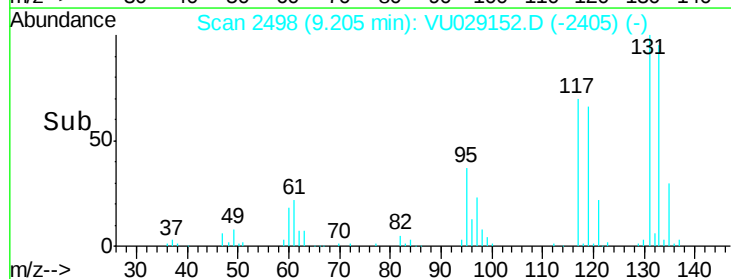
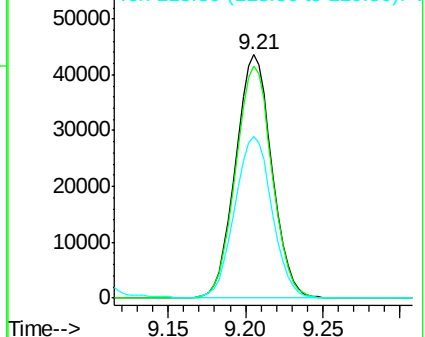
131 100

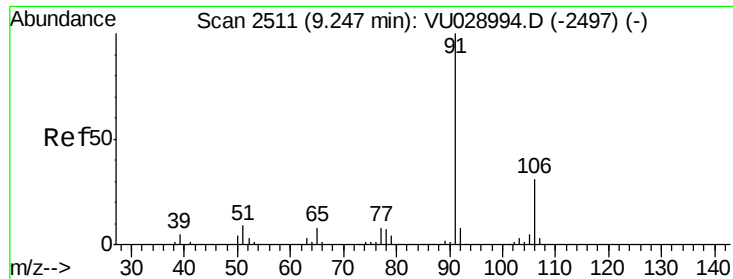
133 95.4 48.2 144.6

119 68.1 35.4 106.3



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

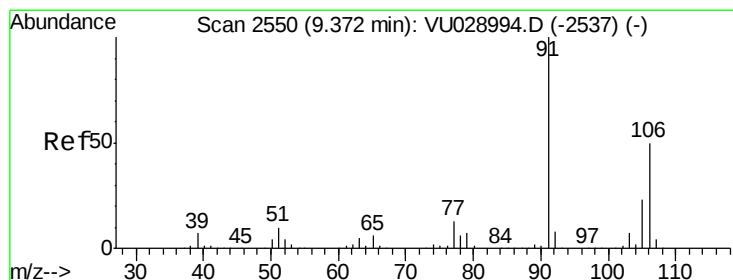
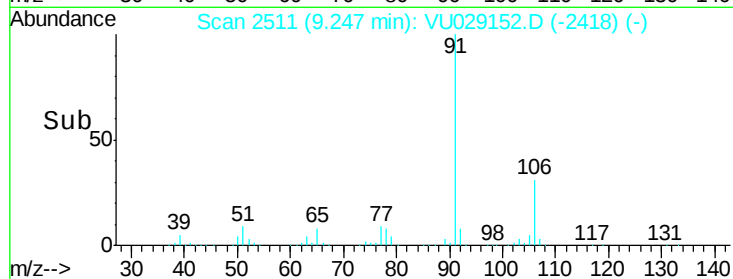
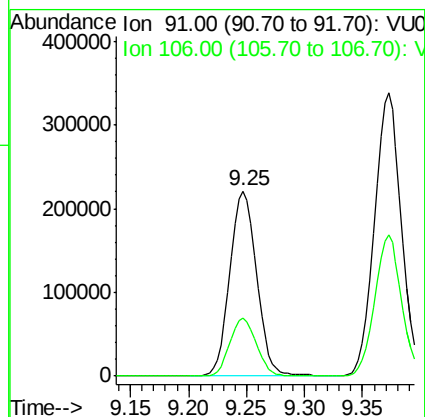
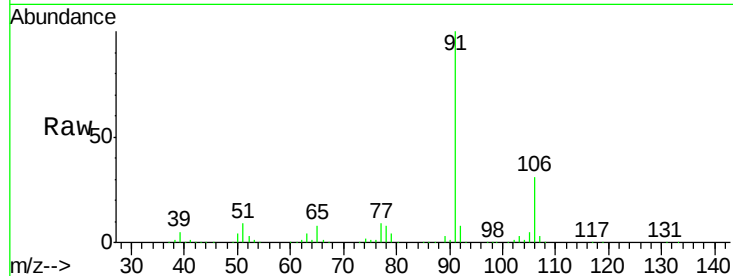




#67
Ethyl Benzene
Concen: 51.558 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

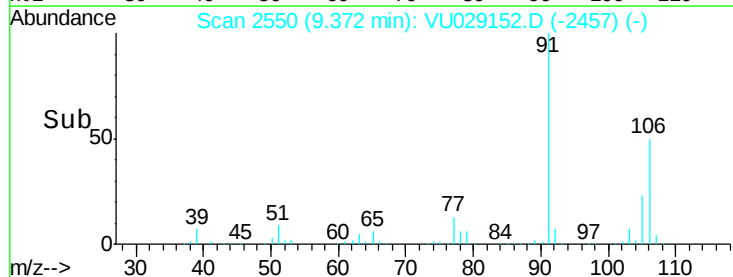
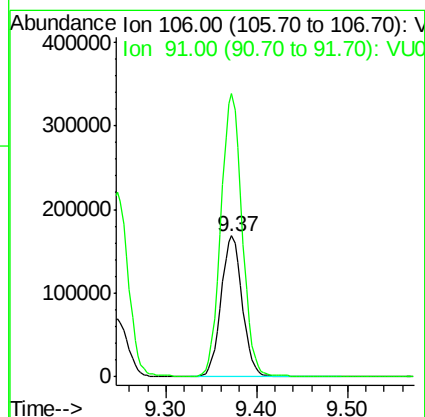
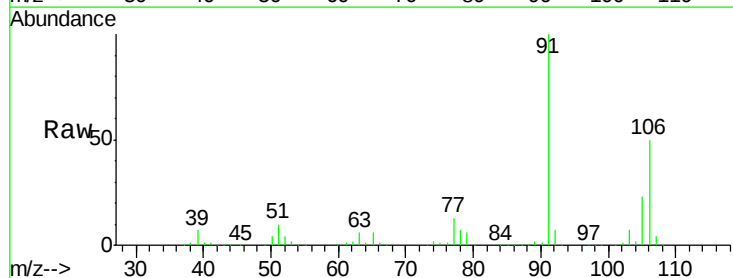
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 353155
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 102.690 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 106 Resp: 273301
Ion Ratio Lower Upper
106 100
91 199.4 161.7 242.5

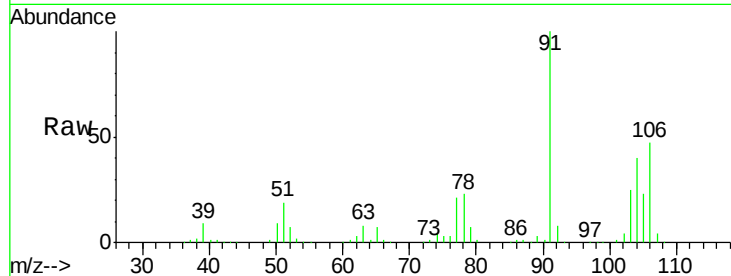




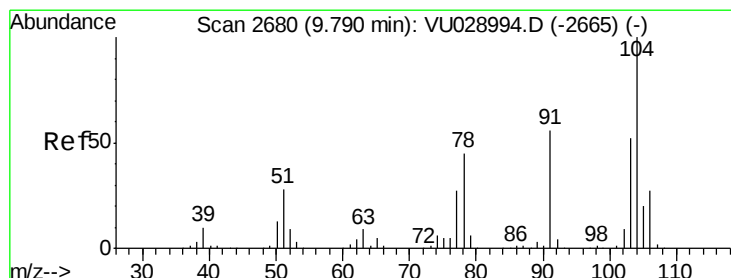
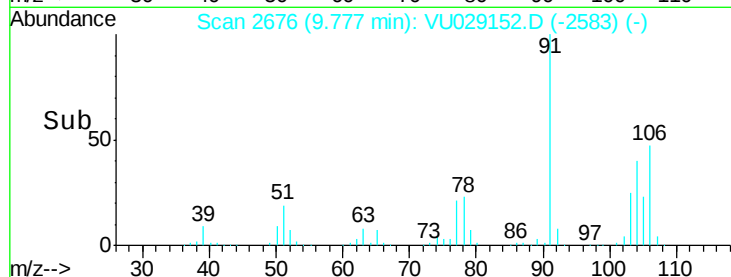
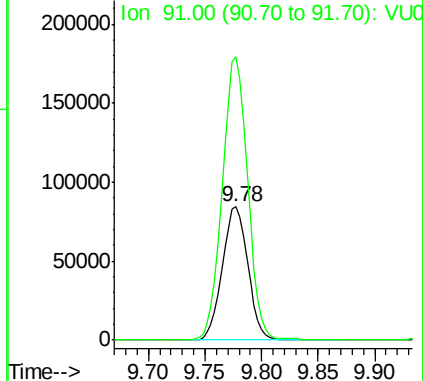
#69
o-Xylene
Concen: 51.948 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 133215
Ion Ratio Lower Upper
106 100
91 210.9 106.1 318.3

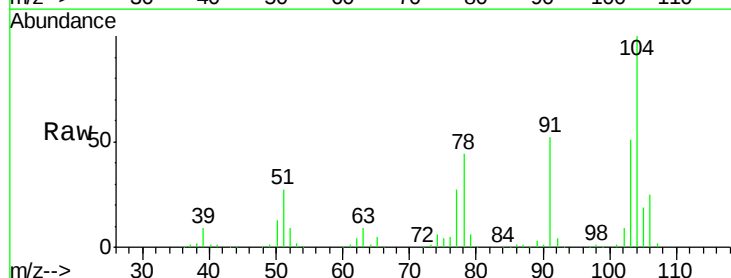


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

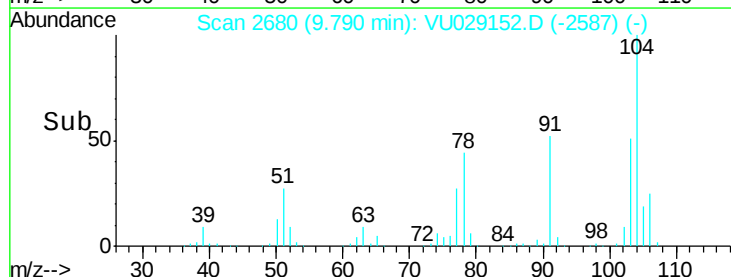
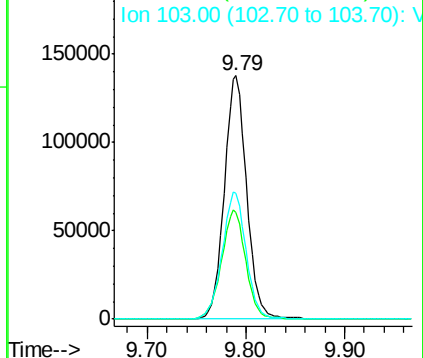


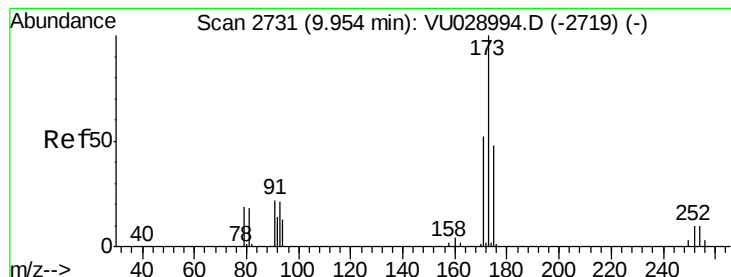
#70
Styrene
Concen: 52.421 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion:104 Resp: 220371
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 55.5 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: 53.766 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampled :

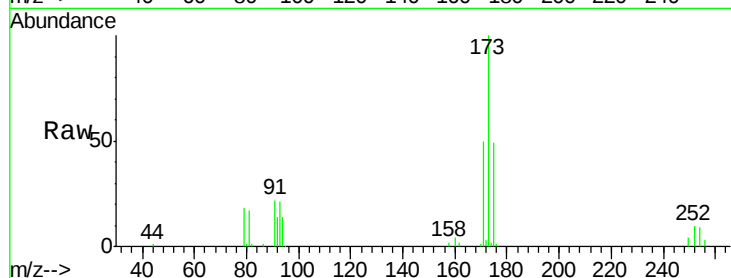
Tot Ion:173 Resp: 63740

Ion Ratio Lower Upper

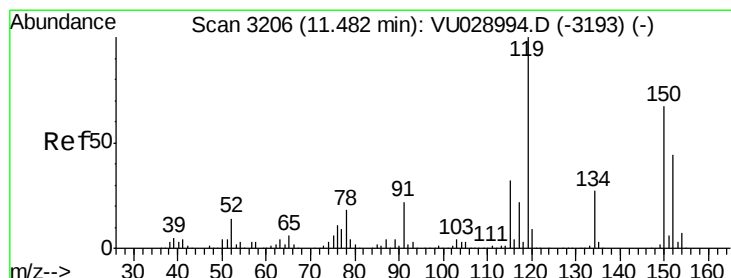
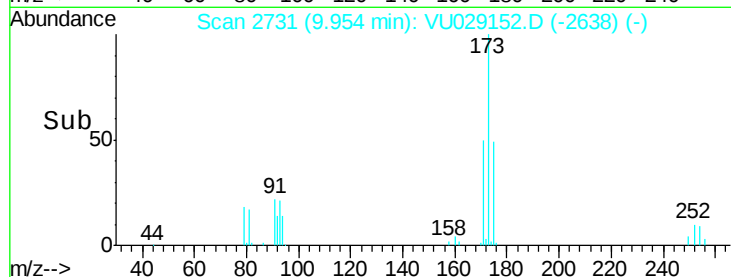
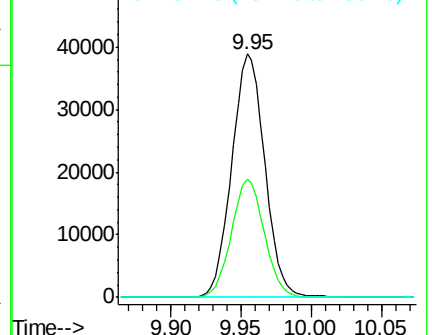
173 100

175 48.1 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: VU029152.D

Acq: 14 Jan 2019 09:34

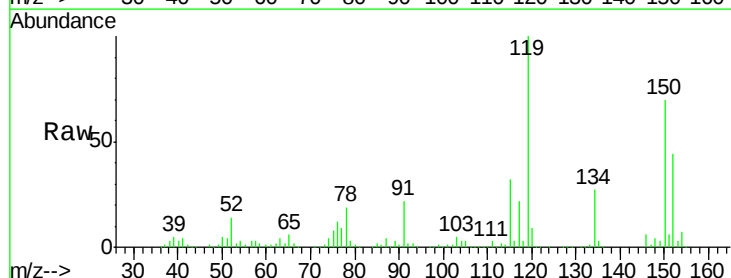
Tgt Ion:152 Resp: 94846

Ion Ratio Lower Upper

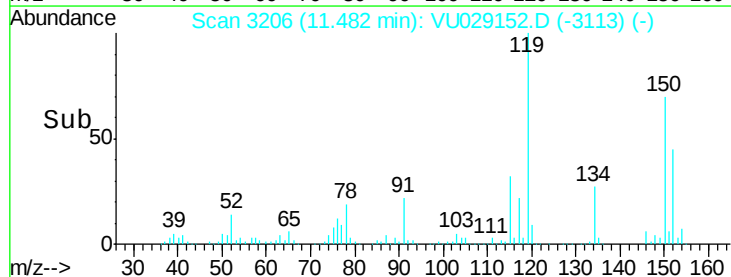
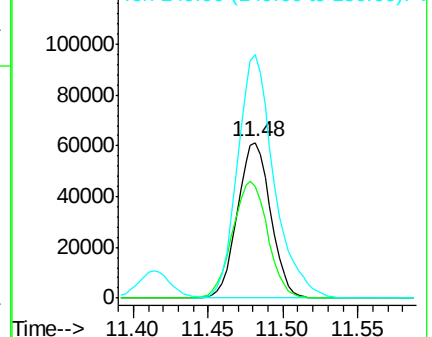
152 100

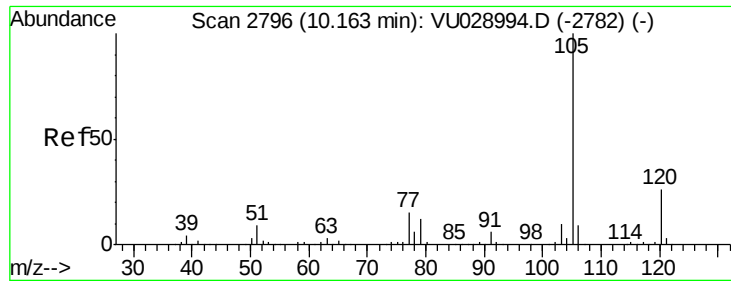
115 79.7 40.1 120.3

150 171.5 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: 49.324 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

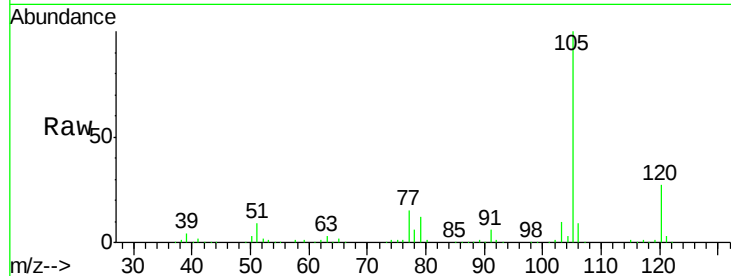
ClientSampleId :

Tot Ion:105 Resp: 346265

Ion Ratio Lower Upper

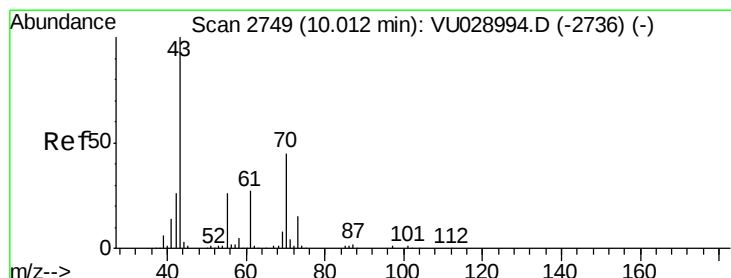
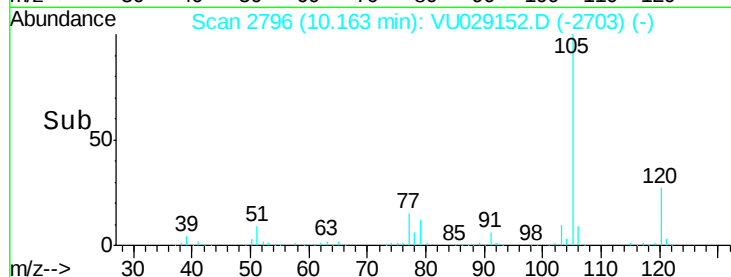
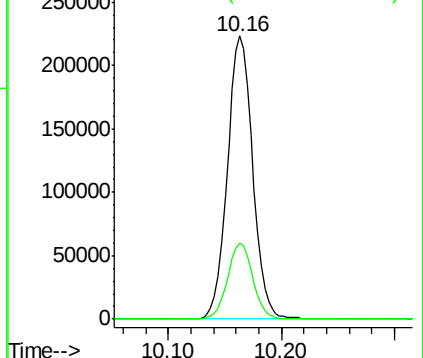
105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.299 ug/l

RT: 10.01 min Scan# 2748

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Tgt Ion: 43 Resp: 146111

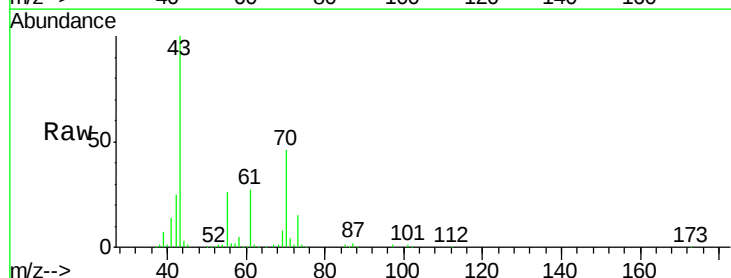
Ion Ratio Lower Upper

43 100

70 46.1 36.3 54.5

55 25.7 20.5 30.7

61 26.2 21.8 32.8

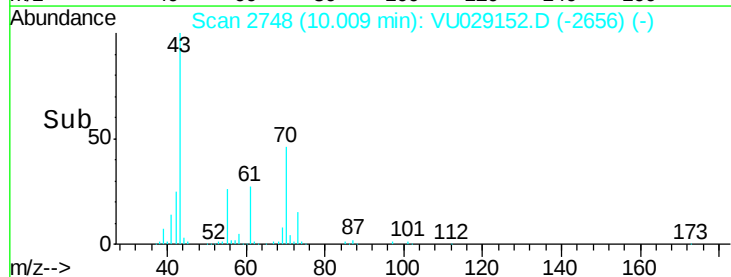
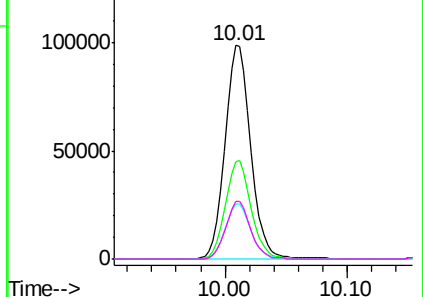


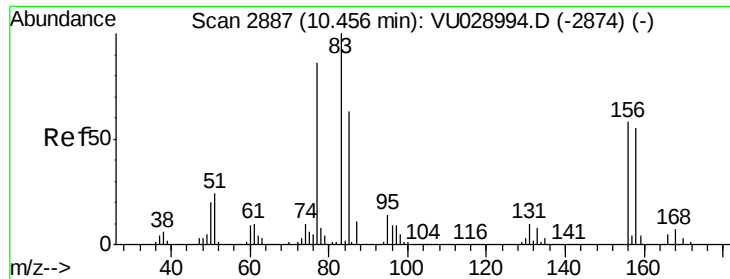
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.542 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

ClientSampleId :

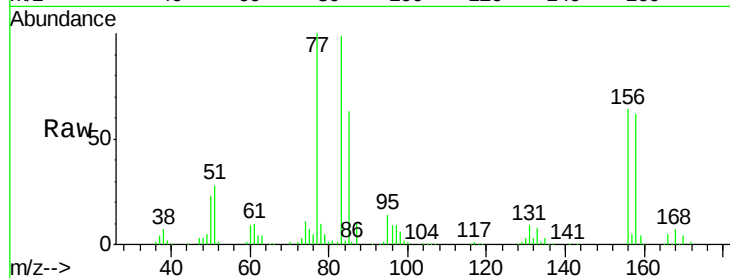
Tot Ion: 83 Resp: 133765

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.1

85 63.8 32.0 96.2

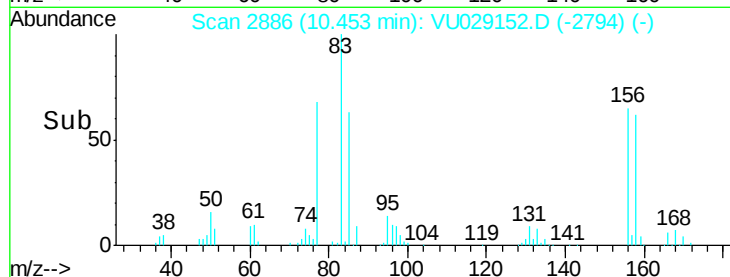


Abundance Ion 82.90 (82.60 to 83.60): VU028994.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU028994.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU028994.D (-2874) (-)

Time-->

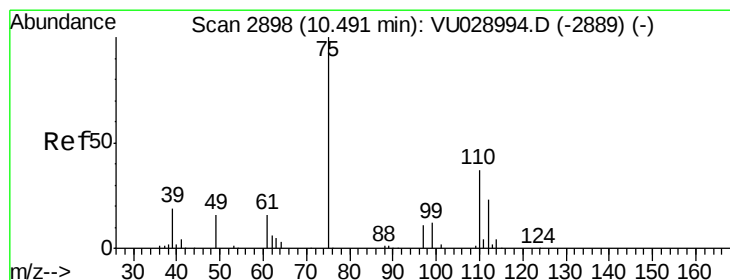


Abundance Ion 82.90 (82.60 to 83.60): VU029152.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU029152.D (-2794) (-)

Ion 84.90 (84.60 to 85.60): VU029152.D (-2794) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 65.777 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU029152.D

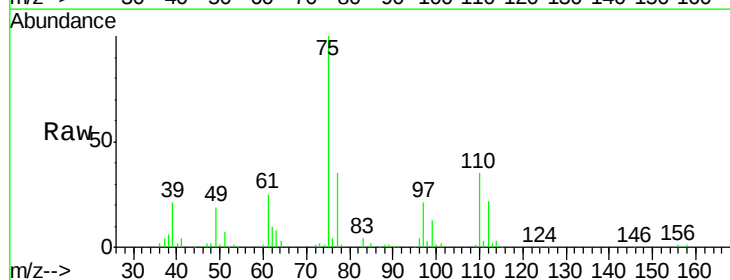
Acq: 14 Jan 2019 09:34

Tgt Ion: 75 Resp: 152857

Ion Ratio Lower Upper

75 100

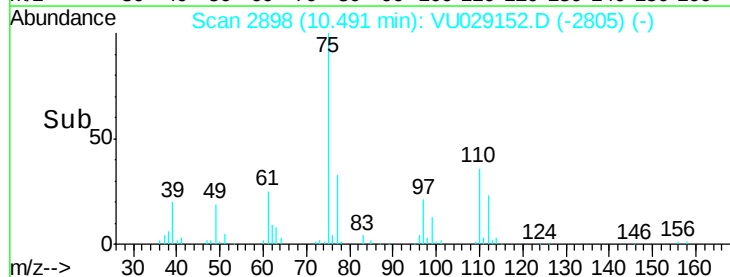
77 32.2 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU028994.D (-2889) (-)

Ion 77.00 (76.70 to 77.70): VU028994.D (-2889) (-)

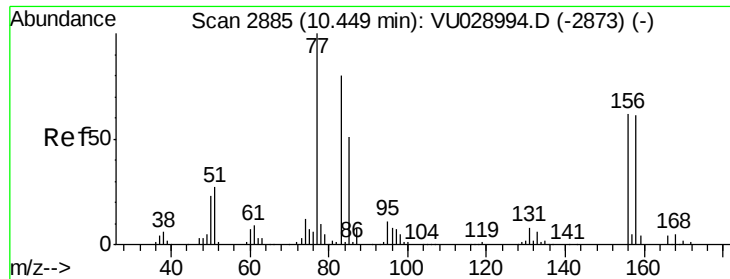
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU029152.D (-2805) (-)

Ion 77.00 (76.70 to 77.70): VU029152.D (-2805) (-)

Time-->



#77

Bromobenzene

Concen: 48.621 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

ClientSampleId :

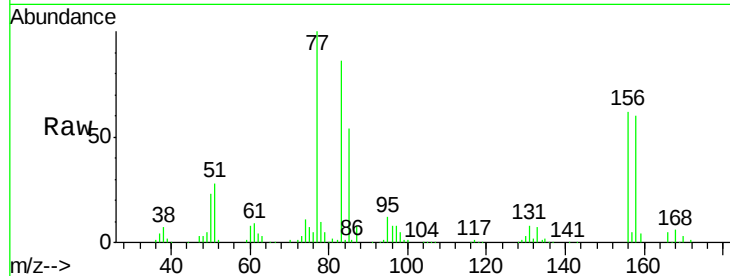
Tot Ion:156 Resp: 88950

Ion Ratio Lower Upper

156 100

77 158.7 79.0 237.2

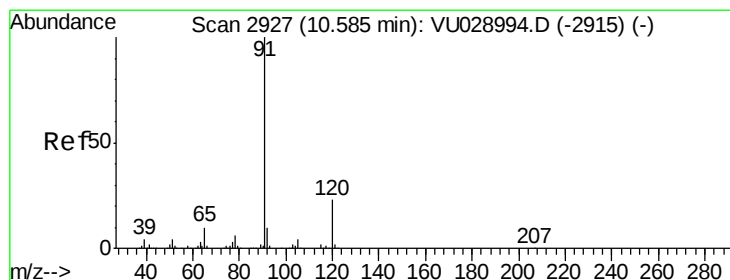
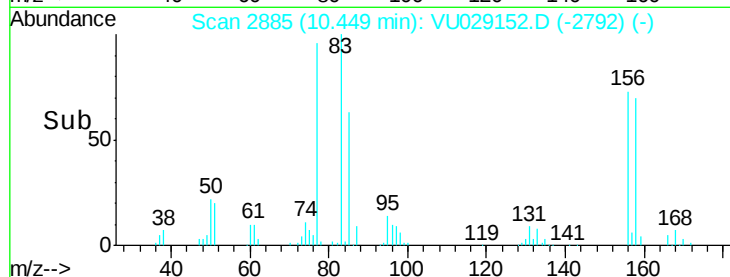
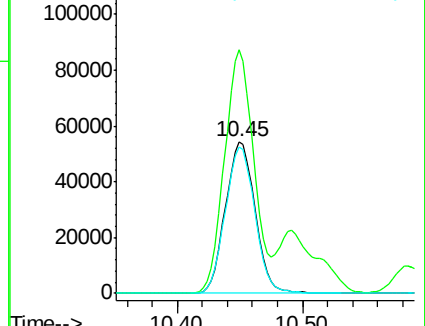
158 96.7 48.9 146.6



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: 51.286 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU029152.D

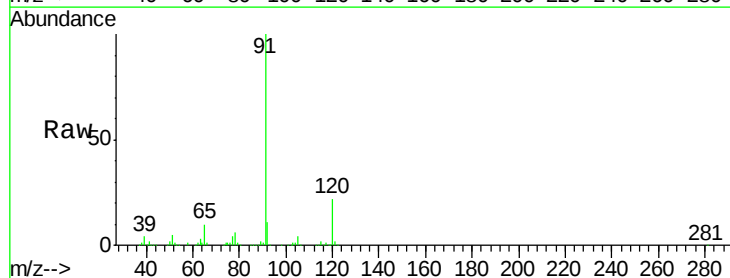
Acq: 14 Jan 2019 09:34

Tgt Ion: 91 Resp: 424299

Ion Ratio Lower Upper

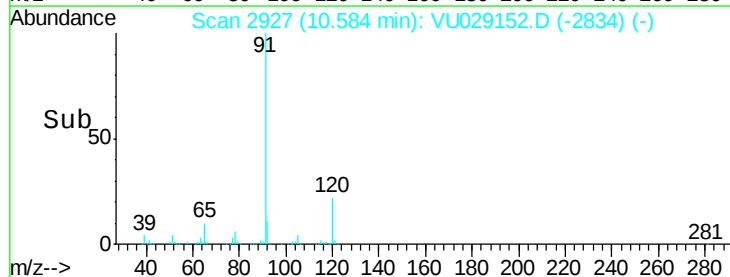
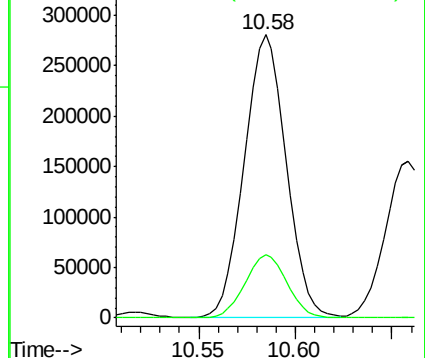
91 100

120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

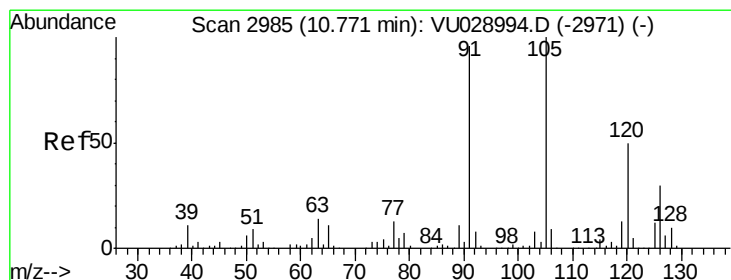
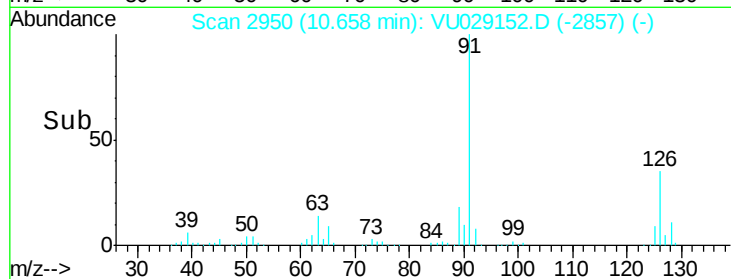
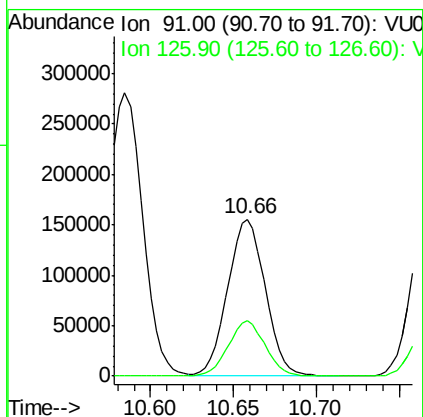
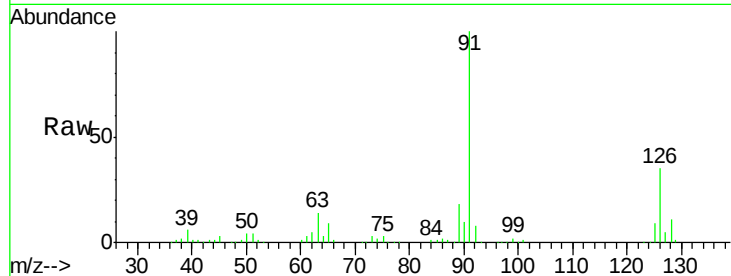




#79
 2-Chlorotoluene
 Concen: 48.595 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

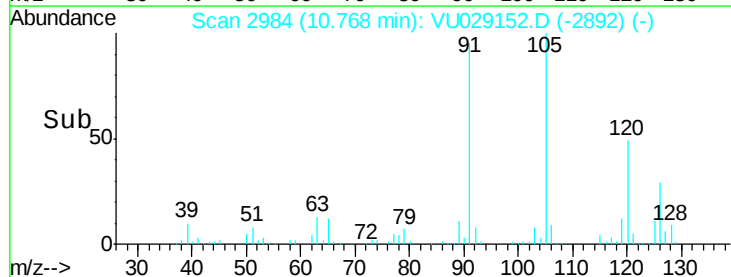
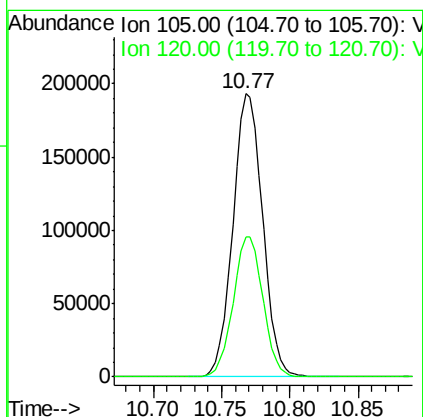
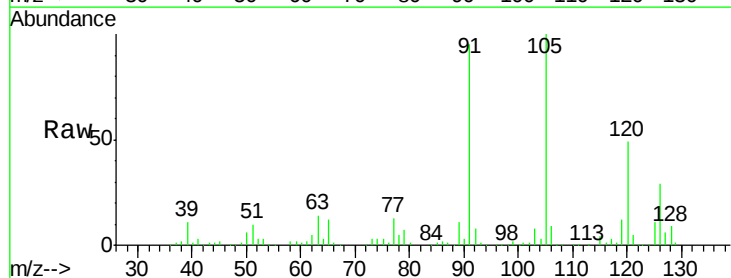
Instrument :
 MSVOA_U
 ClientSampled :

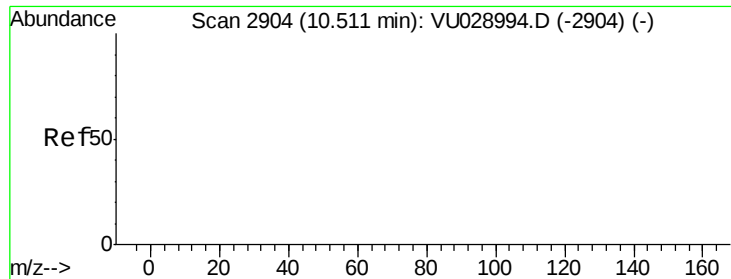
Tot Ion: 91 Resp: 243883
 Ion Ratio Lower Upper
 91 100
 126 34.9 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.954 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Tgt Ion: 105 Resp: 292853
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.8 74.4

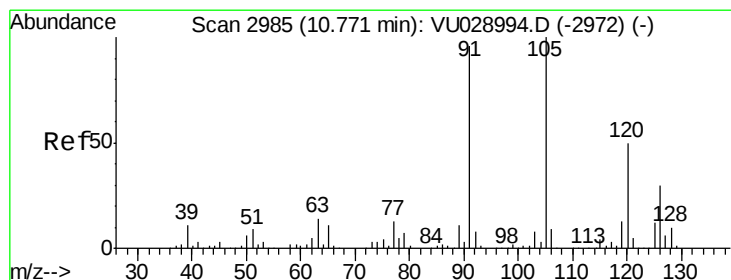
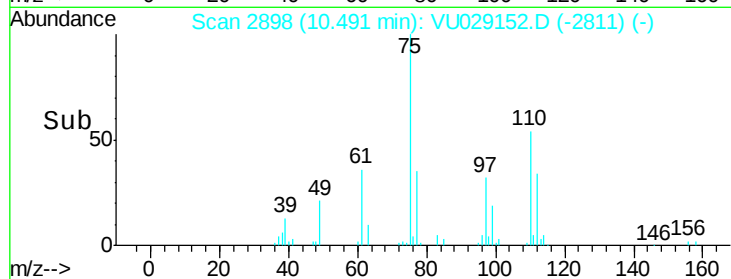
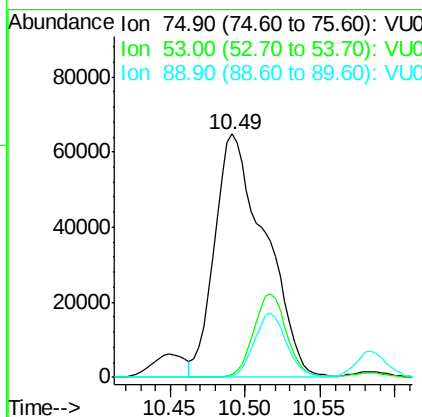
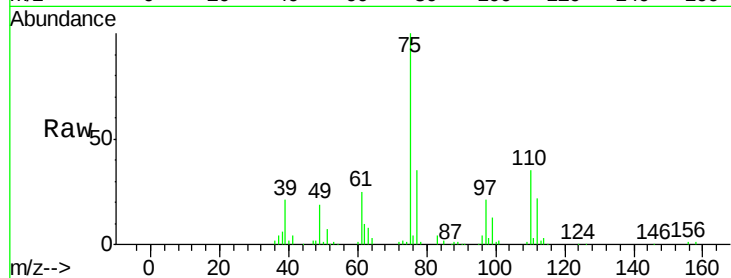




#81
trans-1,4-Dichloro-2-butene
Concen: 169.642 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

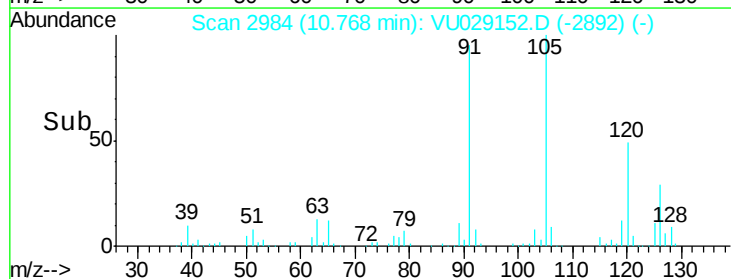
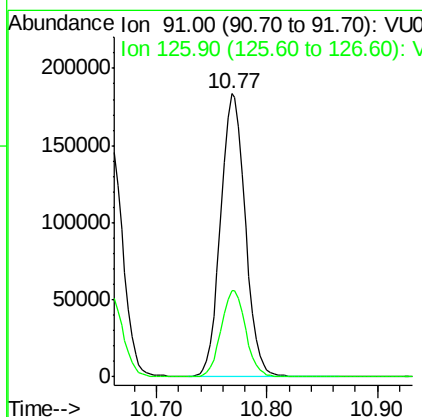
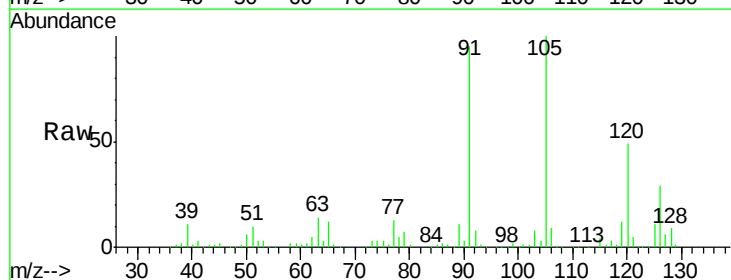
Instrument :
MSVOA_U
ClientSampleId :

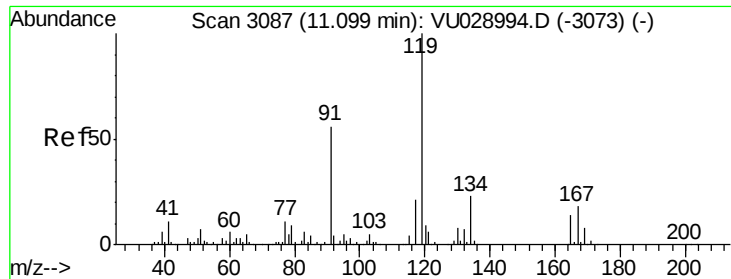
Tot Ion: 75 Resp: 152857
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 49.416 ug/l
RT: 10.77 min Scan# 2984
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 91 Resp: 284375
Ion Ratio Lower Upper
91 100
126 30.5 15.5 46.5

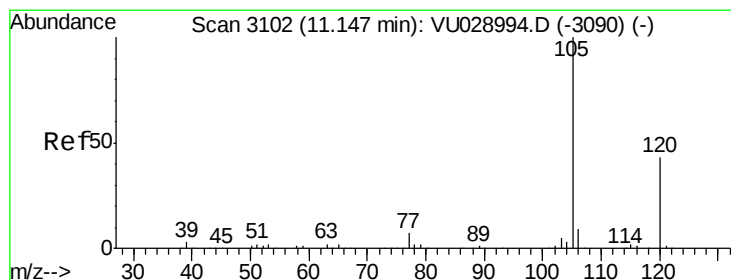
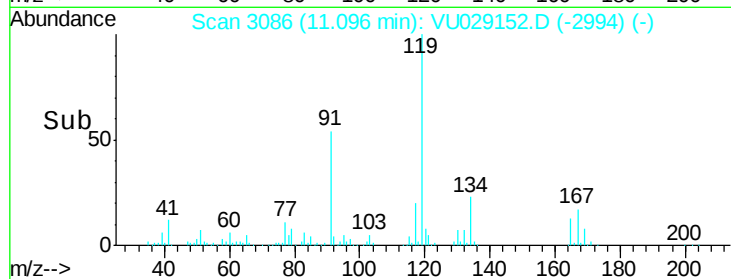
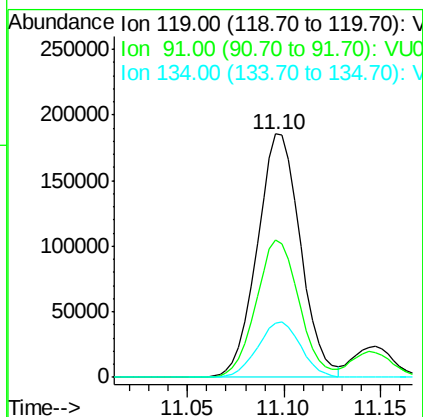
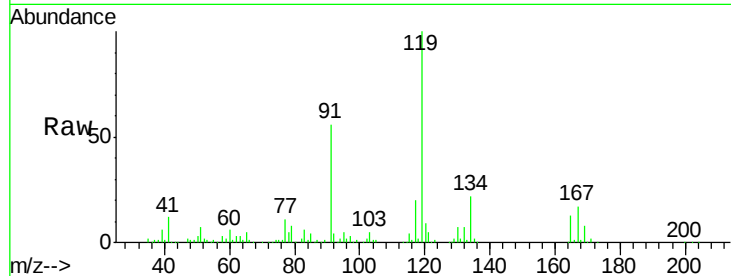




#83
 tert-Butylbenzene
 Concen: 50.108 ug/l
 RT: 11.10 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

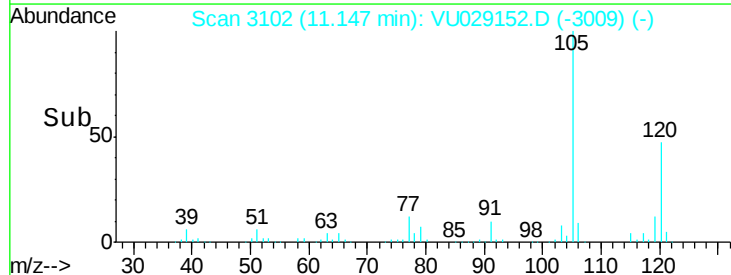
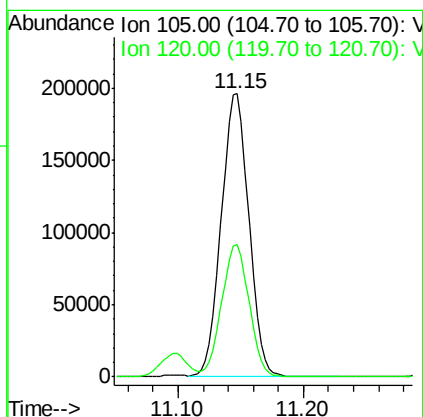
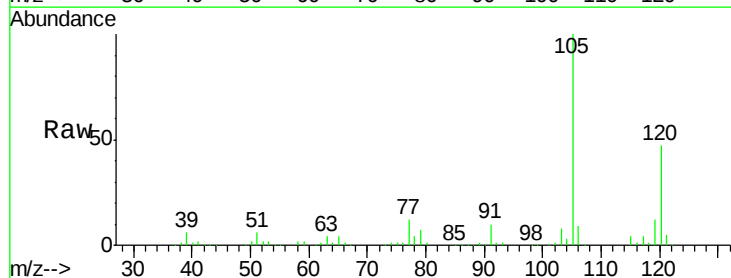
Instrument :
 MSVOA_U
 ClientSampleId :

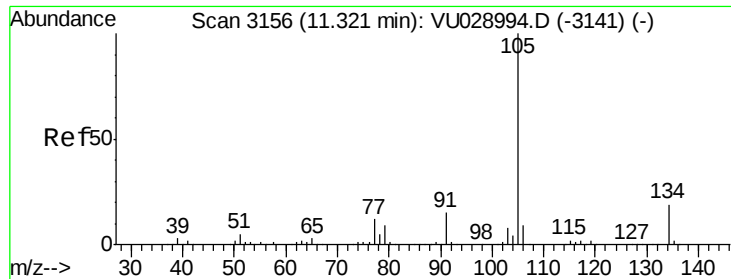
Tot Ion:119 Resp: 289532
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.2 84.6
 134 22.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.046 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Tgt Ion:105 Resp: 298779
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.870 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

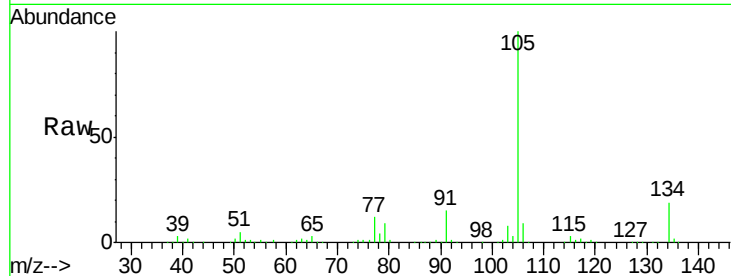
ClientSampleId :

Tot Ion:105 Resp: 362478

Ion Ratio Lower Upper

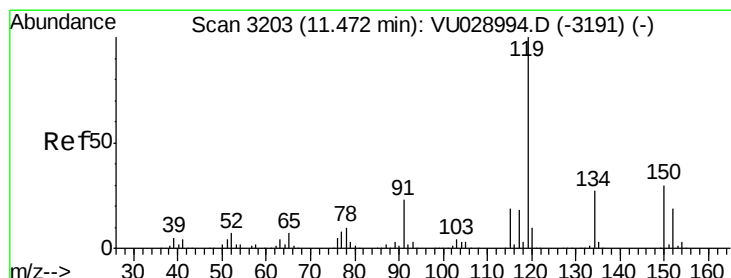
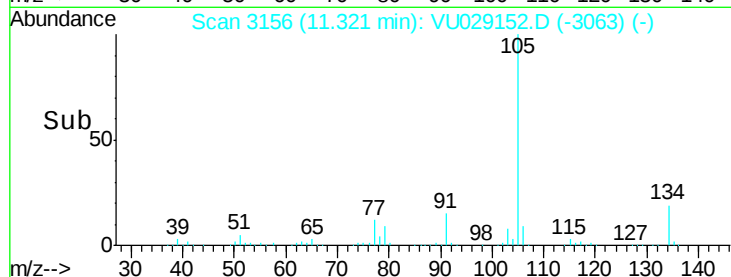
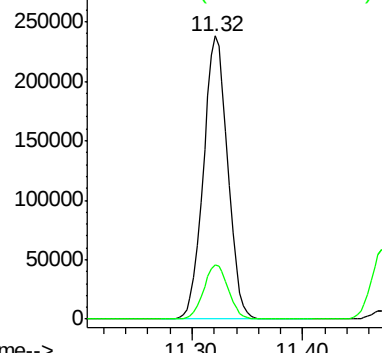
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.620 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

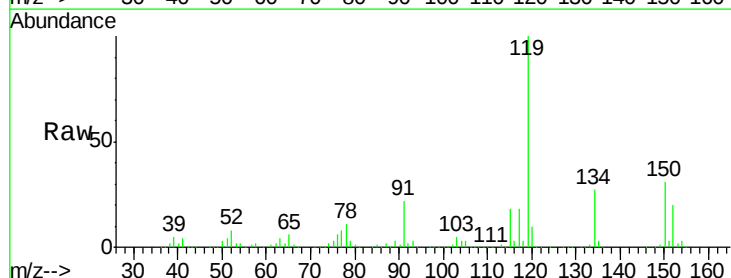
Tgt Ion:119 Resp: 313340

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

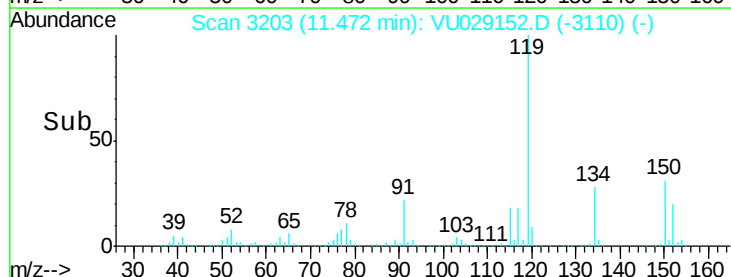
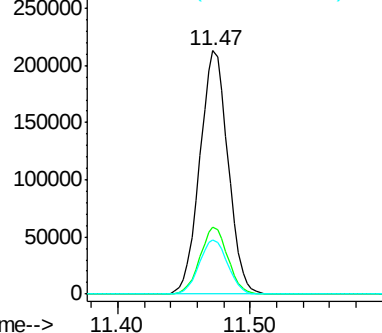
91 22.6 11.3 33.8

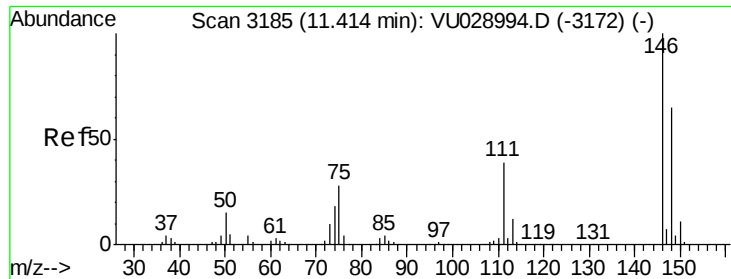


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

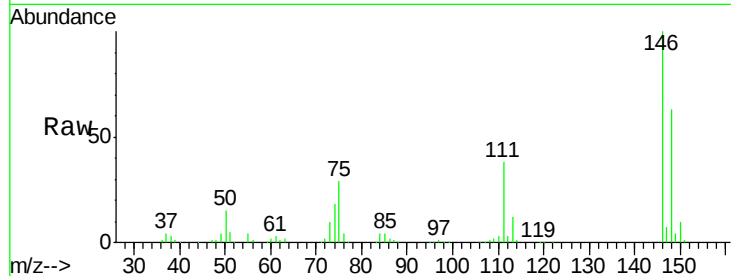




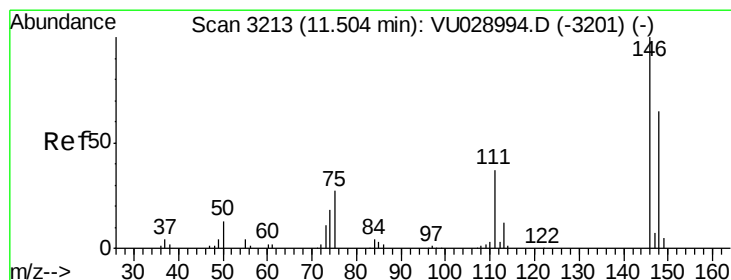
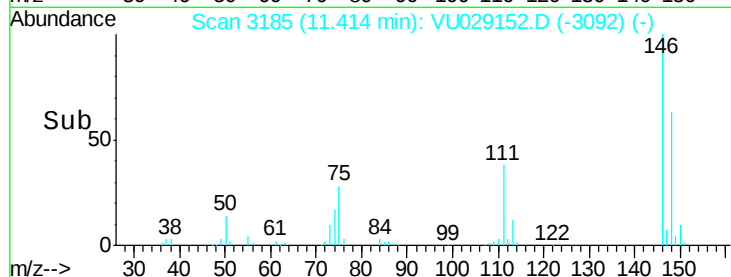
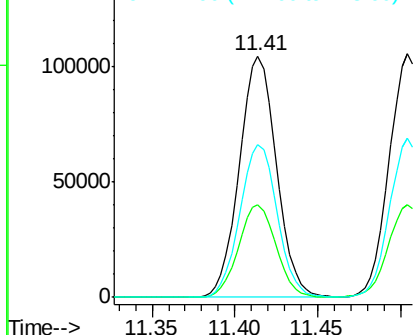
#87
 1,3-Dichlorobenzene
 Concen: 48.563 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 162963
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.8
 148 63.8 32.5 97.5

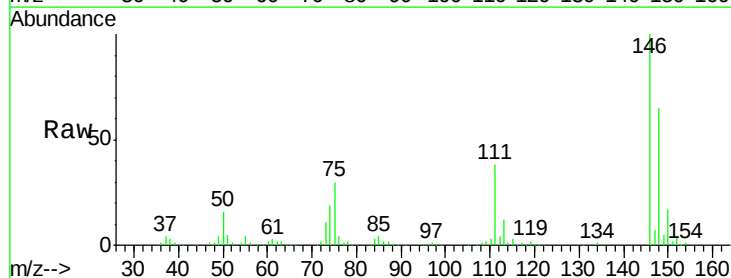


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

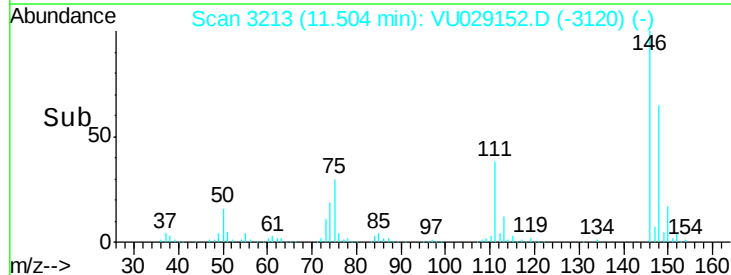
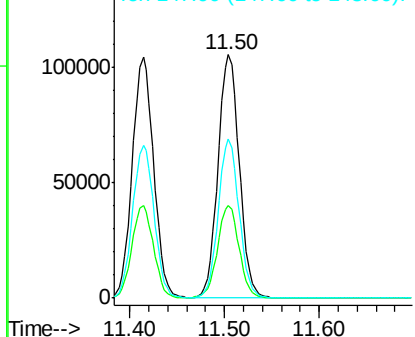


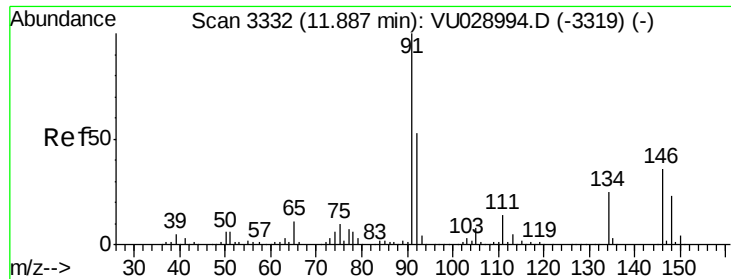
#88
 1,4-Dichlorobenzene
 Concen: 47.754 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Tgt Ion:146 Resp: 165411
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.3
 148 64.0 32.6 98.0



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

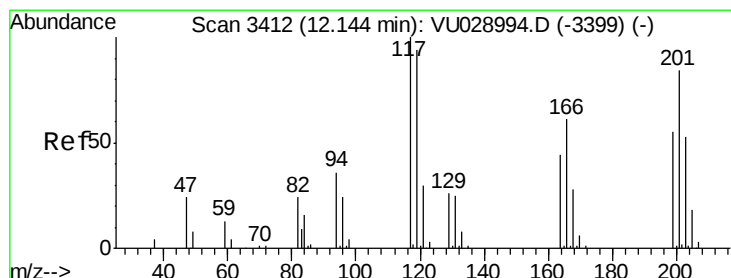
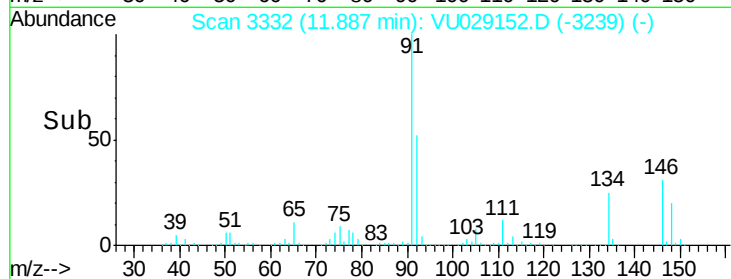
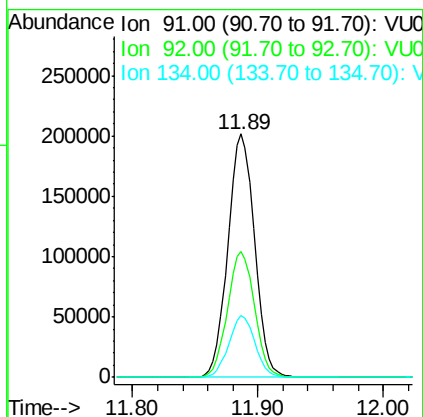
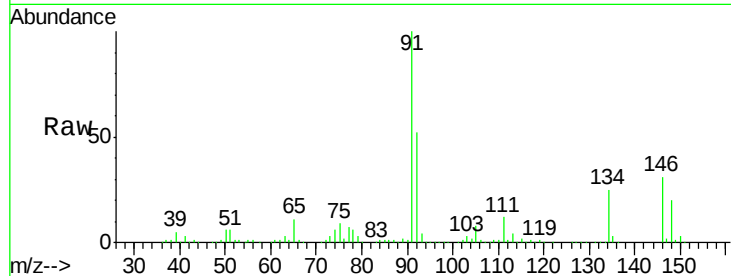




#89
n-Butylbenzene
Concen: 56.068 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

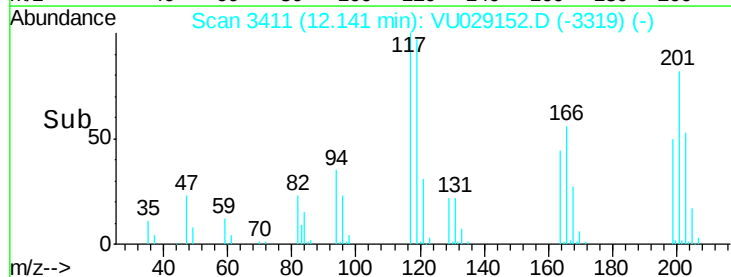
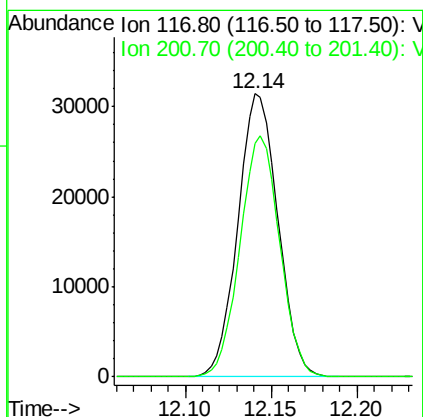
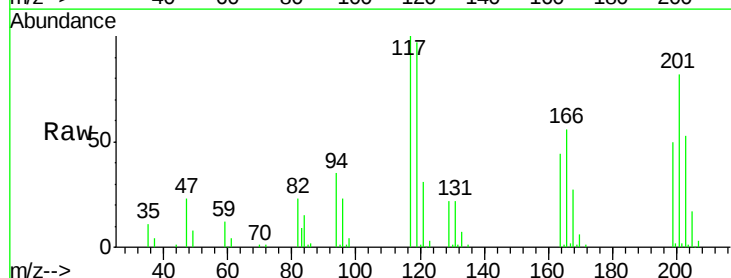
Instrument :
MSVOA_U
ClientSampled :

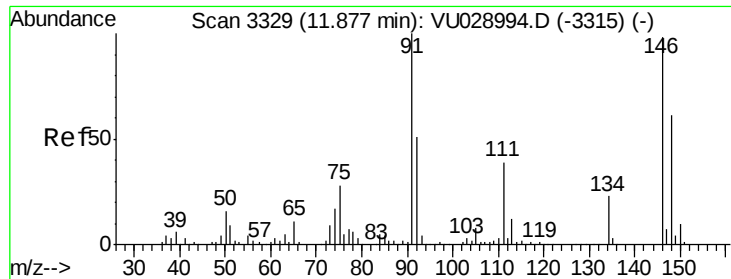
Tot Ion: 91 Resp: 297992
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 24.8 12.6 37.6



#90
Hexachloroethane
Concen: 50.672 ug/l
RT: 12.14 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion: 117 Resp: 50761
Ion Ratio Lower Upper
117 100
201 84.2 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 47.605 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

Instrument :

MSVOA_U

ClientSampled :

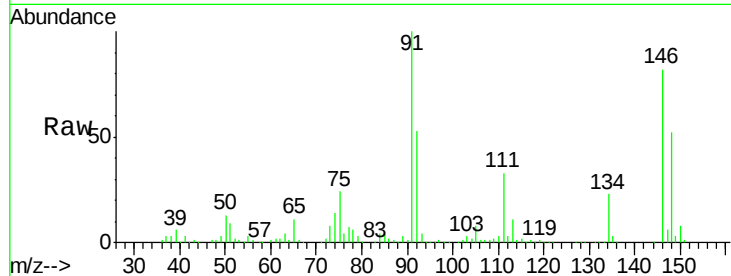
Tot Ion:146 Resp: 160900

Ion Ratio Lower Upper

146 100

111 40.5 20.0 59.9

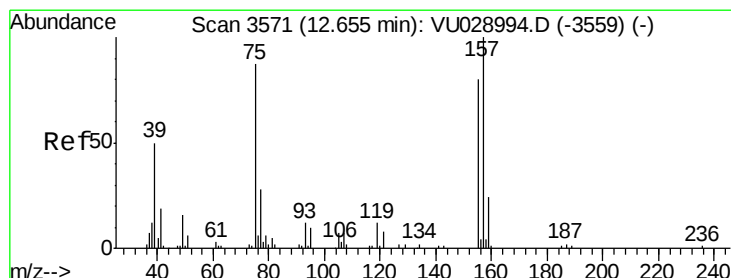
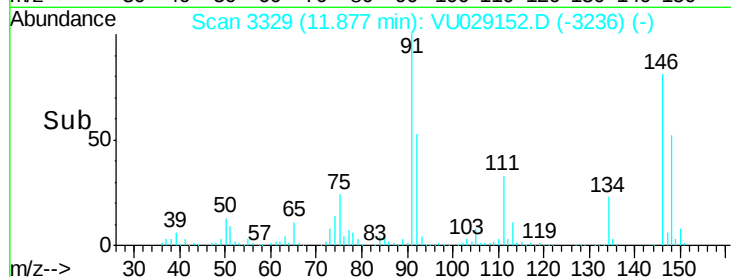
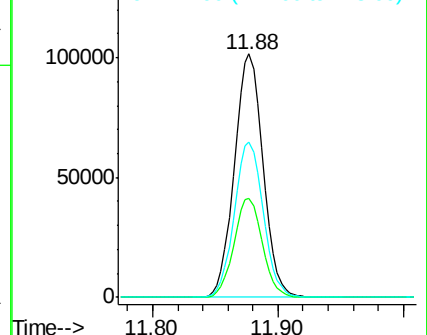
148 64.5 31.6 94.8



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: 50.800 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.00 min

Lab File: VU029152.D

Acq: 14 Jan 2019 09:34

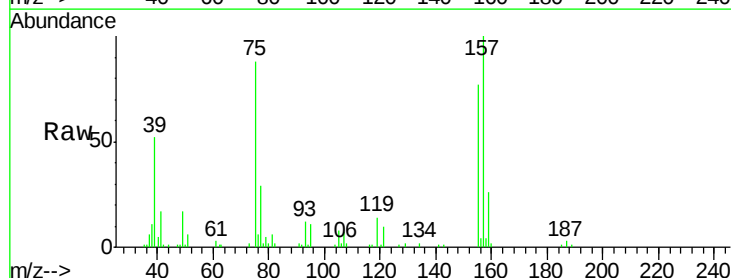
Tgt Ion: 75 Resp: 27491

Ion Ratio Lower Upper

75 100

155 90.8 46.3 138.8

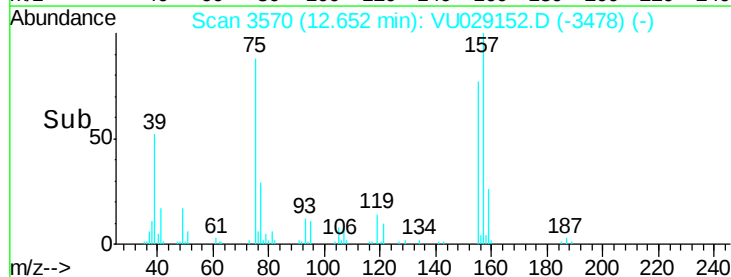
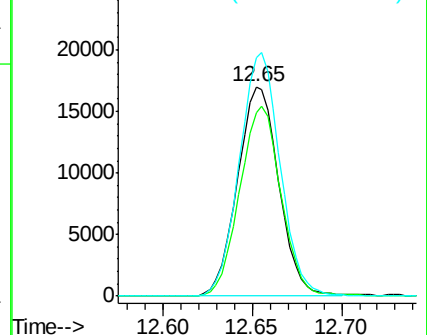
157 114.9 57.4 172.0

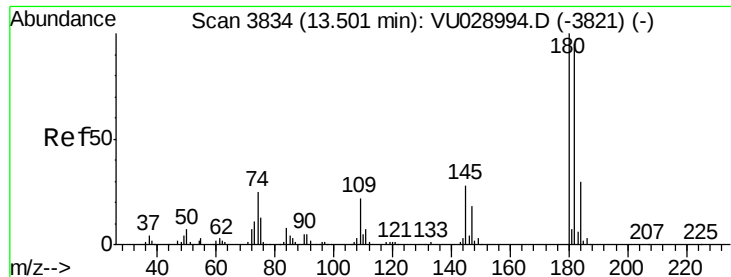


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

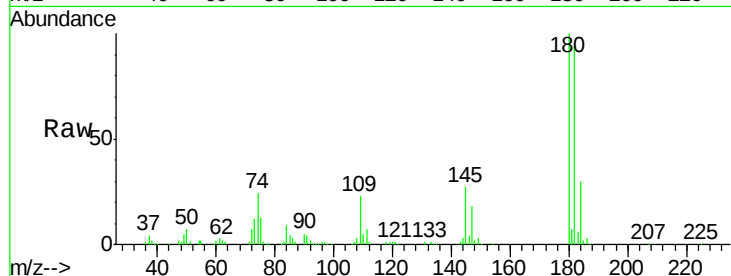




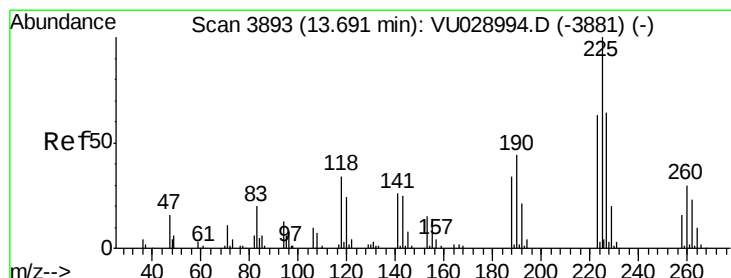
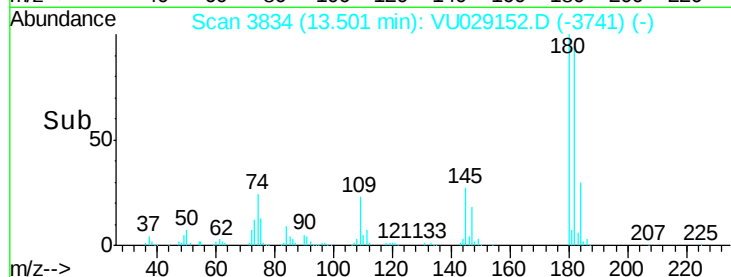
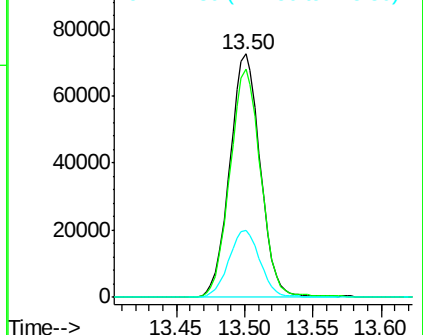
#93
 1,2,4-Trichlorobenzene
 Concen: 52.258 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:180 Resp: 112751
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.5 142.6
 145 28.3 14.0 42.0

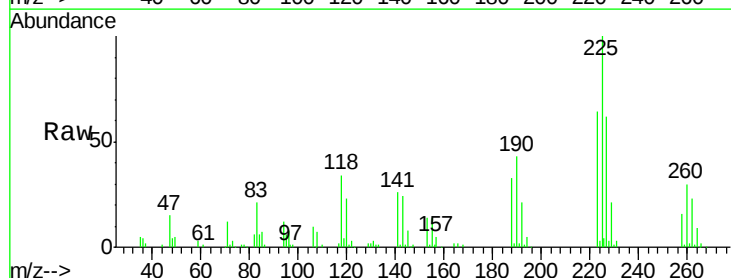


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

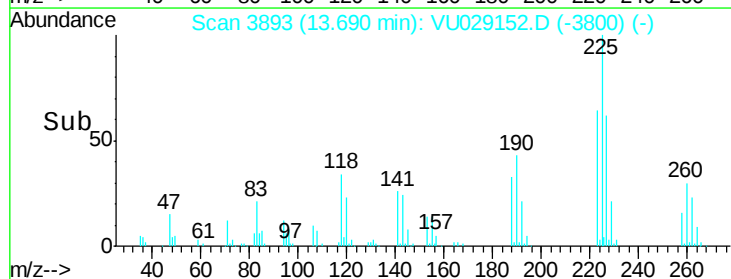
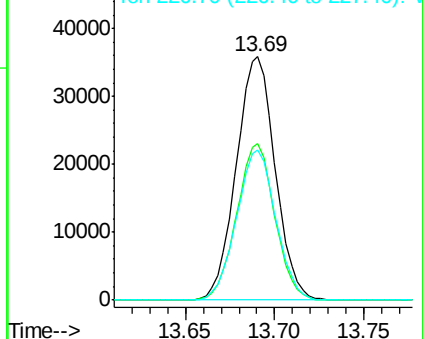


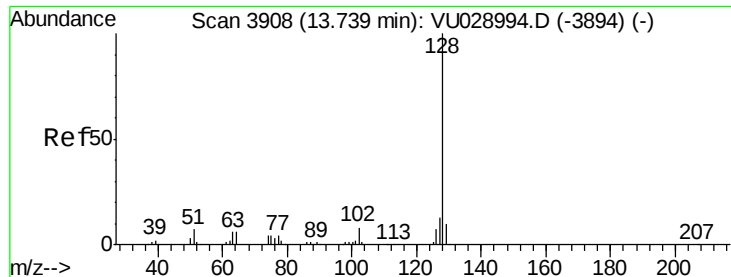
#94
 Hexachlorobutadiene
 Concen: 55.375 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029152.D
 Acq: 14 Jan 2019 09:34

Tgt Ion:225 Resp: 54648
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.0
 227 62.0 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

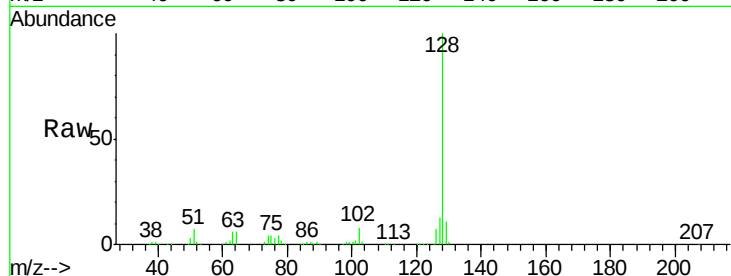




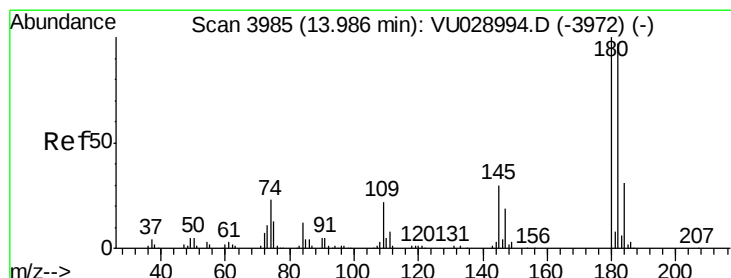
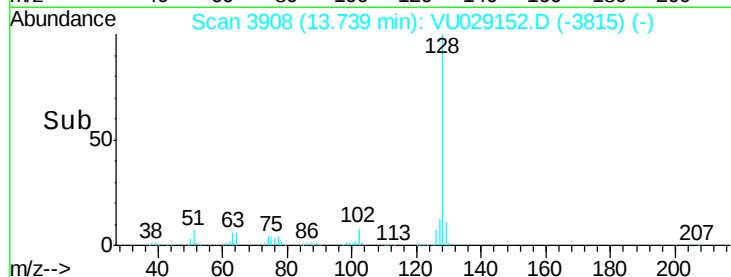
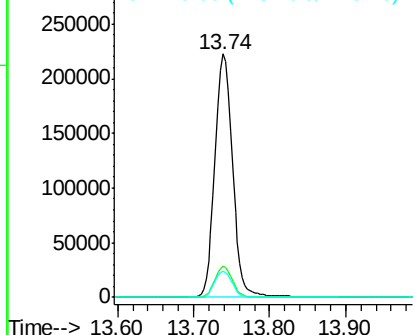
#95
Naphthalene
Concen: 49.142 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 360681
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.5 12.7

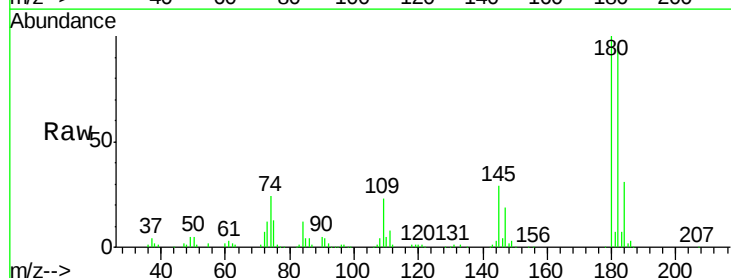


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.492 ug/l
RT: 13.98 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VU029152.D
Acq: 14 Jan 2019 09:34

Tgt Ion:180 Resp: 114423
Ion Ratio Lower Upper
180 100
182 95.8 48.1 144.3
145 29.0 14.8 44.4



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

