

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024552.D
 Acq On : 14 Jun 2018 19:58
 Operator : MD/SY
 Sample : J3448-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 01:43:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	185166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309102	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	298004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	175421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.32	65	135713	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	4.89	113	123765	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	7.57	98	459433	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	10.31	95	174889	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

Target Compounds

					Qvalue
6) Chloroethane	1.68	64	178	Below Cal	# 43
8) Diethyl Ether	2.14	74	173	Below Cal	# 61
10) Methyl Iodide	2.22	142	20	5.298	ug/l # 1
11) Tert butyl alcohol	2.83	59	8753	11.906	ug/l # 90
13) Acrolein	2.18	56	281	0.728	ug/l # 13
16) Acetone	2.32	43	36677	22.582	ug/l # 96
17) Carbon Disulfide	2.48	76	1688	0.250	ug/l # 75
18) Methyl Acetate	2.44	43	8269	2.375	ug/l # 53
25) 2-Butanone	4.27	43	28956	13.273	ug/l # 98
29) Tetrahydrofuran	4.65	42	1422	1.053	ug/l # 75
31) Cyclohexane	4.99	56	4028	Below Cal	# 3
36) 1,1-Dichloropropene	4.99	75	13150	3.620	ug/l # 51
37) Ethyl Acetate	4.27	43	28956	7.314	ug/l # 71
38) Carbon Tetrachloride	4.99	117	17005	4.257	ug/l # 15
39) Methylcyclohexane	6.42	83	1050	0.232	ug/l # 60
40) Benzene	5.40	78	2340	0.226	ug/l # 96
41) Methacrylonitrile	4.57	41	886	0.415	ug/l # 49
51) 4-Methyl-2-Pentanone	7.46	43	4350	1.012	ug/l # 94
52) Toluene	7.64	92	128614	19.315	ug/l # 99
53) t-1,3-Dichloropropene	7.64	75	1428	0.329	ug/l # 1
59) 2-Hexanone	8.38	43	1929	0.550	ug/l # 76
67) Ethyl Benzene	9.26	91	10773	0.807	ug/l # 99
68) m/p-Xylenes	9.38	106	10840	2.115	ug/l # 95
69) o-Xylene	9.79	106	7825	1.543	ug/l # 99
73) Isopropylbenzene	10.17	105	2722	0.202	ug/l # 98
76) 1,2,3-Trichloropropane	10.31	75	85903	22.242	ug/l # 36
78) n-propylbenzene	10.59	91	4914	0.310	ug/l # 99
79) 2-Chlorotoluene	10.69	91	2783	0.297	ug/l # 41
80) 1,3,5-Trimethylbenzene	10.78	105	8305	0.711	ug/l # 99
81) trans-1,4-Dichloro-2-buten	10.31	75	85903	51.478	ug/l # 100
84) 1,2,4-Trimethylbenzene	11.15	105	32824	2.759	ug/l # 97
85) sec-Butylbenzene	11.48	105	4179	0.297	ug/l # 1
86) p-Isopropyltoluene	11.48	119	102491	8.142	ug/l # 99
95) Naphthalene	13.75	128	24965	2.588	ug/l # 99

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

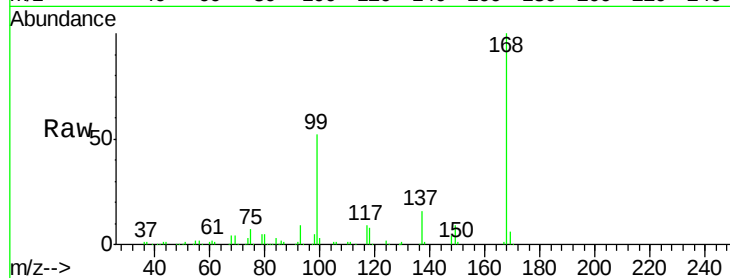
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 185166

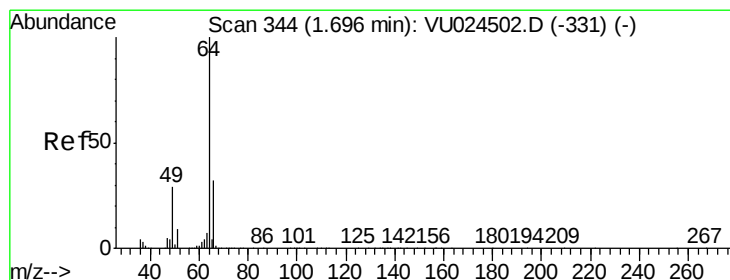
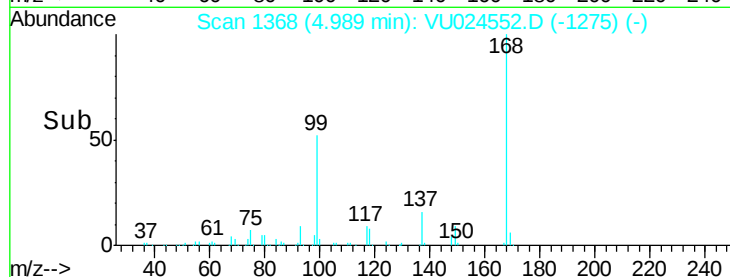
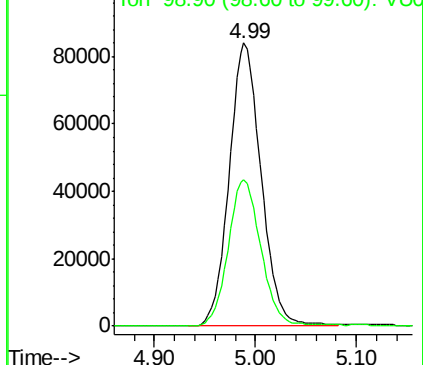
Ion Ratio Lower Upper

168 100

99 51.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 338

Delta R.T. -0.02 min

Lab File: VU024552.D

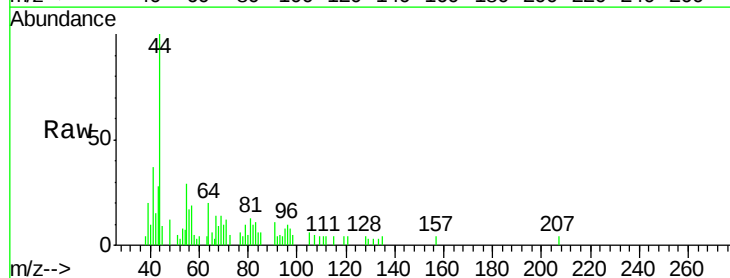
Acq: 14 Jun 2018 19:58

Tgt Ion: 64 Resp: 178

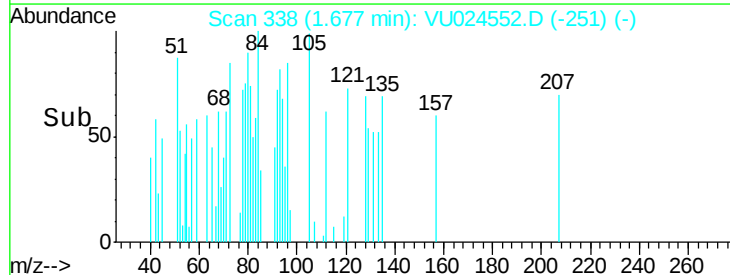
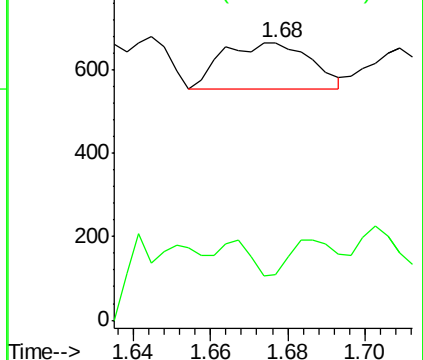
Ion Ratio Lower Upper

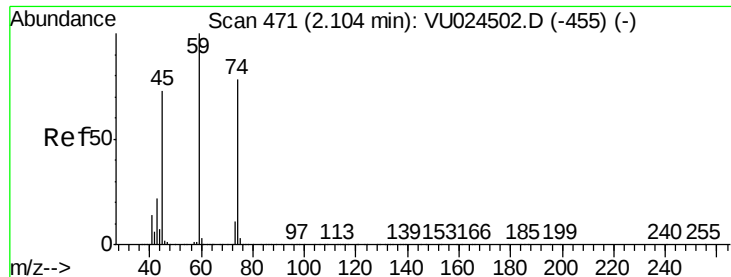
64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU024502.D (-331) (-)

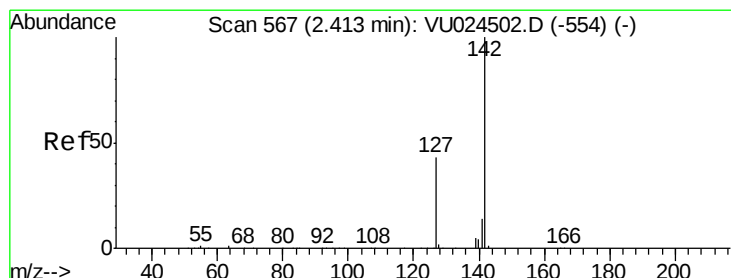
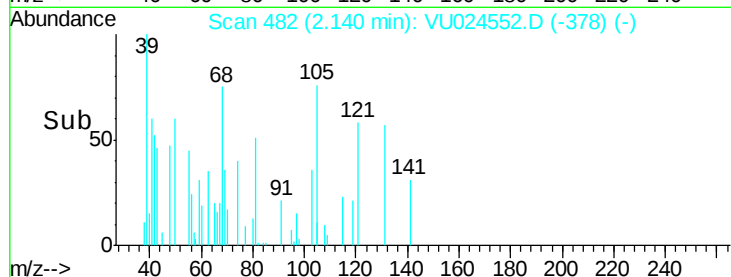
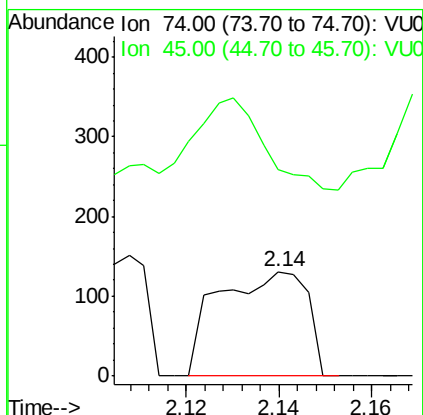
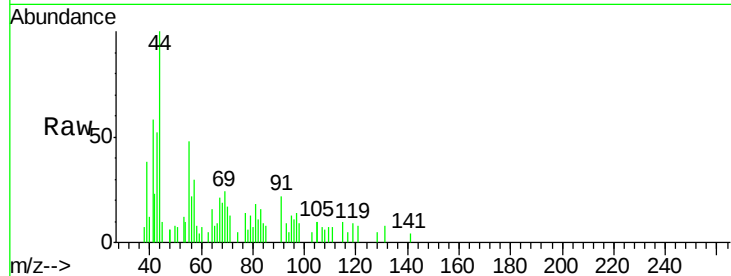




#8
Diethyl Ether
Concen: Below Cal
RT: 2.14 min Scan# 482
Delta R.T. 0.04 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

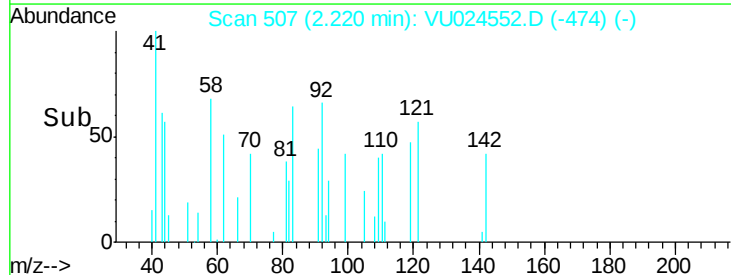
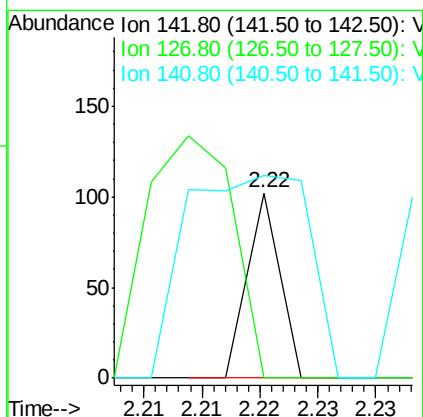
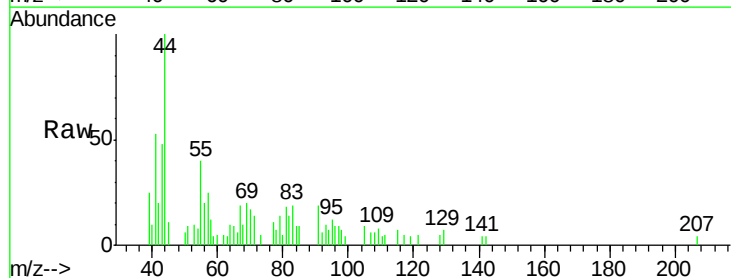
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 74 Resp: 173
Ion Ratio Lower Upper
74 100
45 68.8 55.0 165.0



#10
Methyl Iodide
Concen: 5.298 ug/l
RT: 2.22 min Scan# 507
Delta R.T. -0.19 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion: 142 Resp: 20
Ion Ratio Lower Upper
142 100
127 345.0 35.6 53.4#
141 415.0 11.7 17.5#

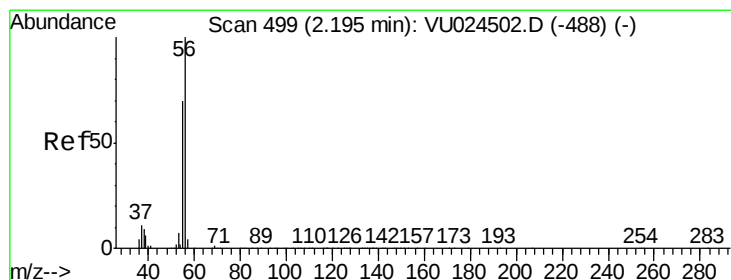
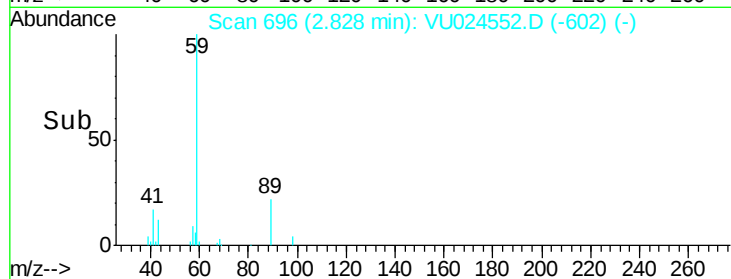
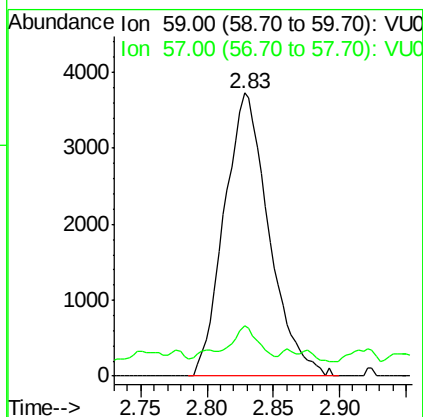
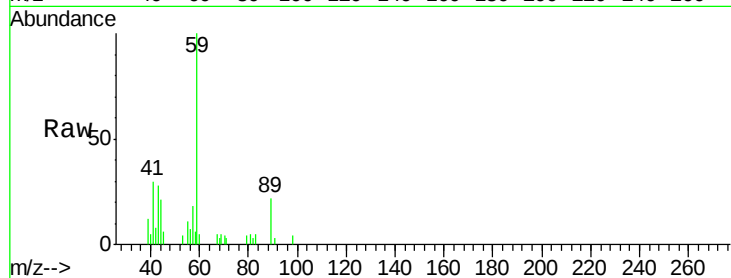




#11
Tert butyl alcohol
Concen: 11.906 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

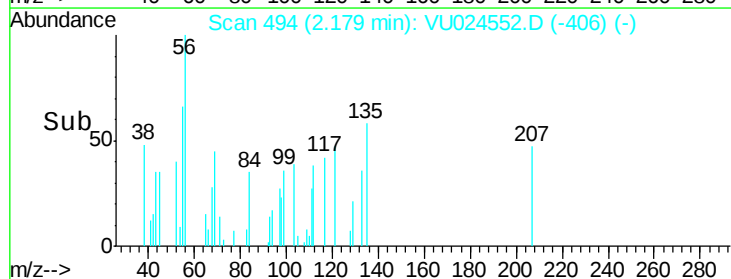
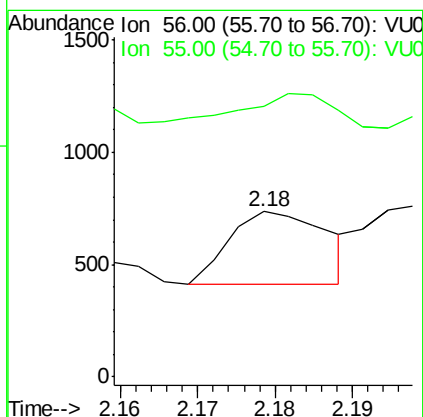
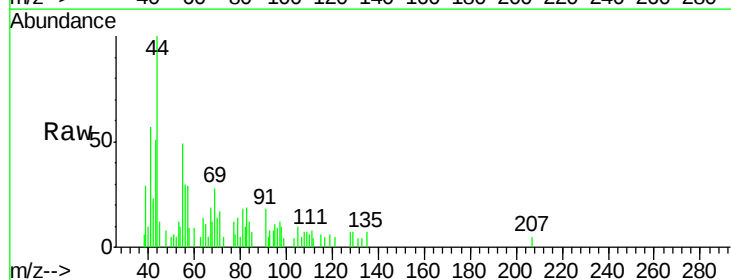
Instrument :
MSVOA_U
ClientSampleId :

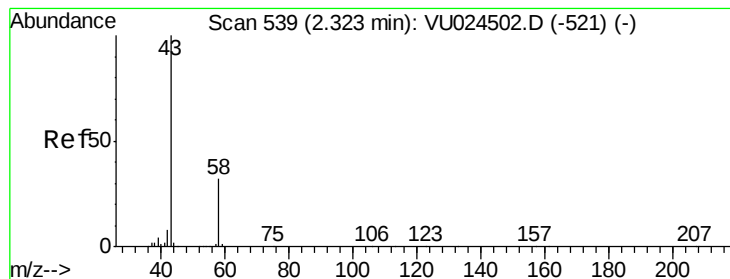
Tot Ion: 59 Resp: 8753
Ion Ratio Lower Upper
59 100
57 6.9 8.5 12.7#



#13
Acrolein
Concen: 0.728 ug/l
RT: 2.18 min Scan# 494
Delta R.T. -0.02 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion: 56 Resp: 281
Ion Ratio Lower Upper
56 100
55 0.0 58.4 87.6#





#16

Acetone

Concen: 22.582 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

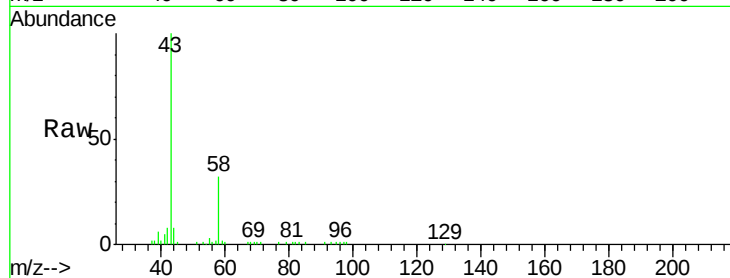
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 36677

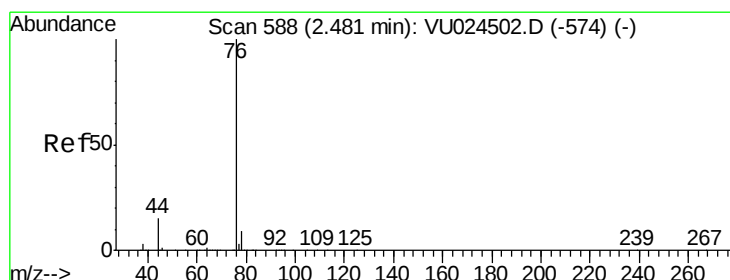
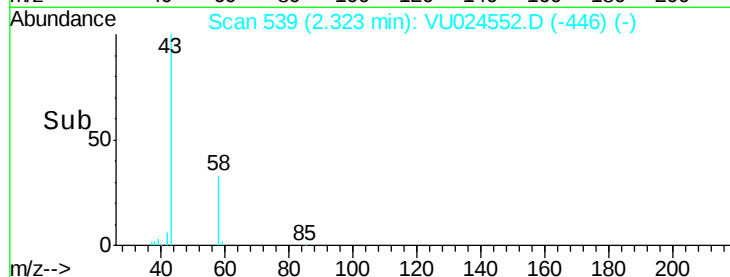
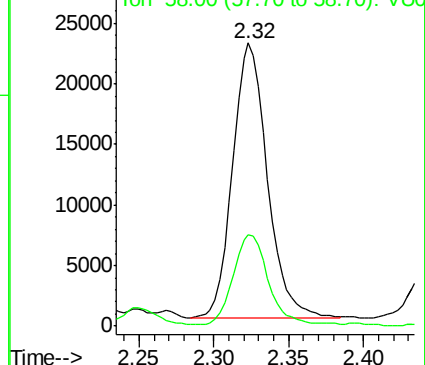
Ion Ratio Lower Upper

43 100

58 32.6 24.4 36.6



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



#17

Carbon Disulfide

Concen: 0.250 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024552.D

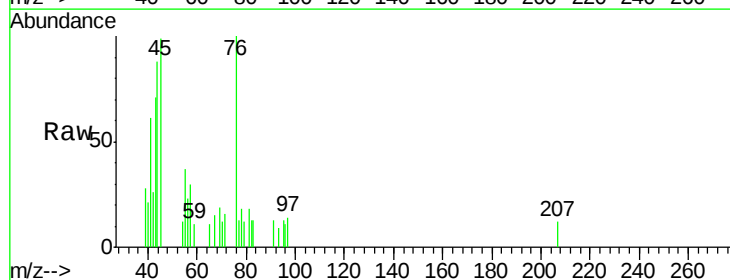
Acq: 14 Jun 2018 19:58

Tgt Ion: 76 Resp: 1688

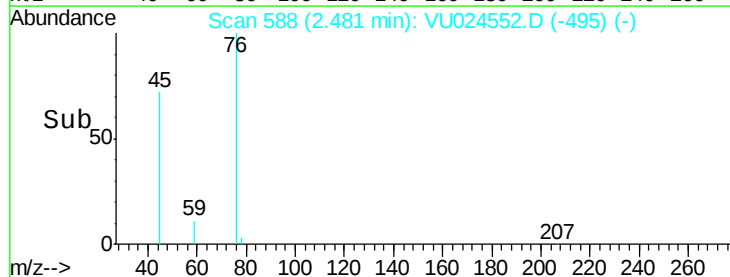
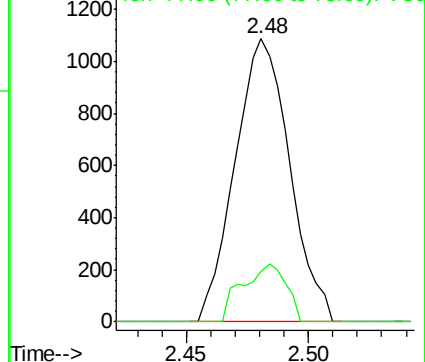
Ion Ratio Lower Upper

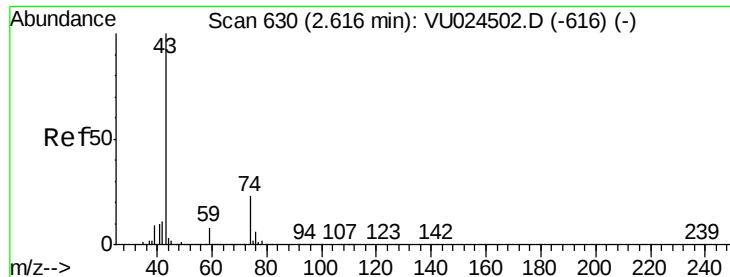
76 100

78 17.8 7.1 10.7#



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

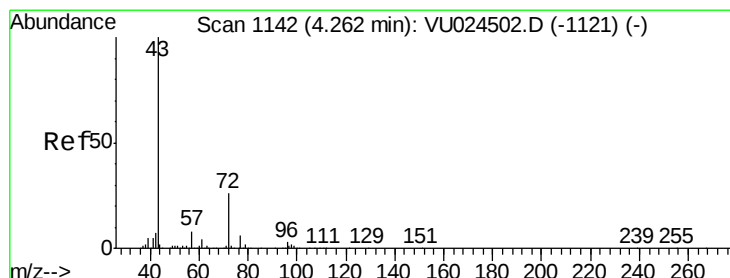
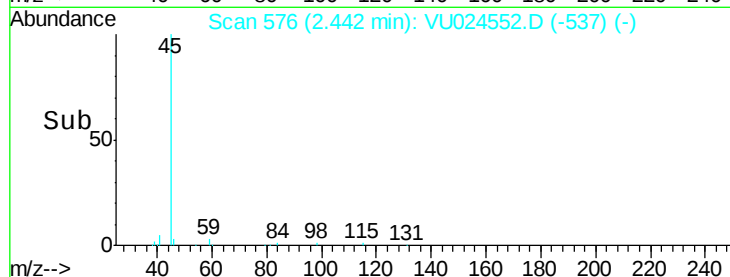
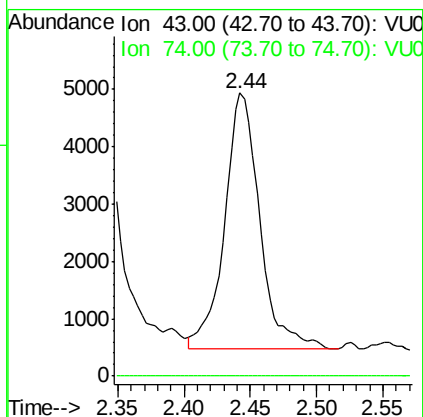
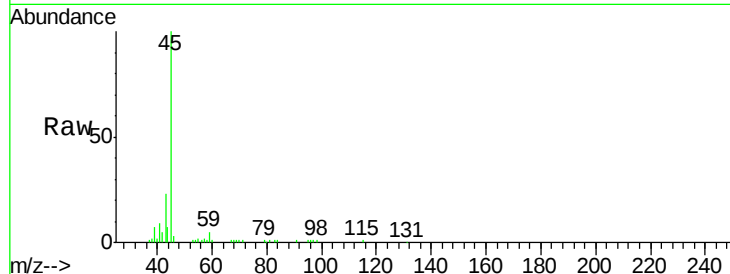




#18
Methvl Acetate
Concen: 2.375 ug/l
RT: 2.44 min Scan# 576
Delta R.T. -0.17 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

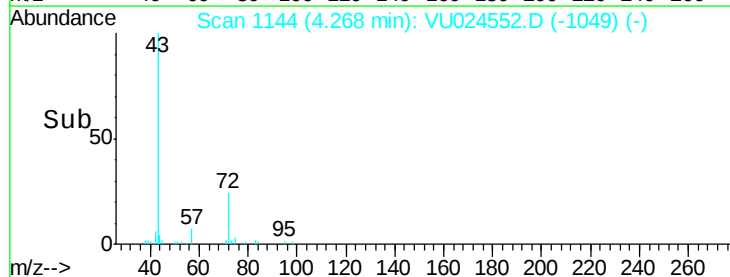
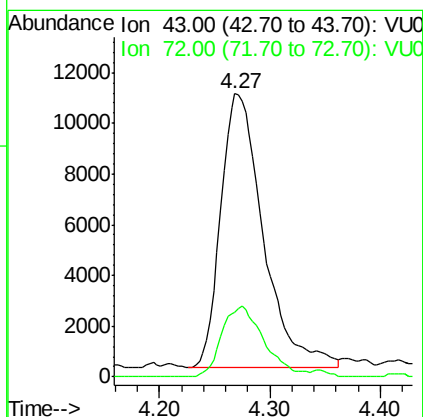
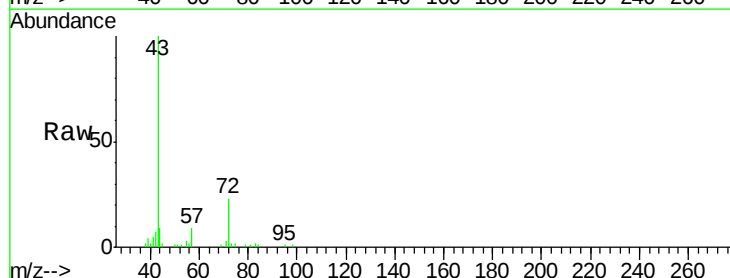
Instrument :
MSVOA_U
ClientSampled :

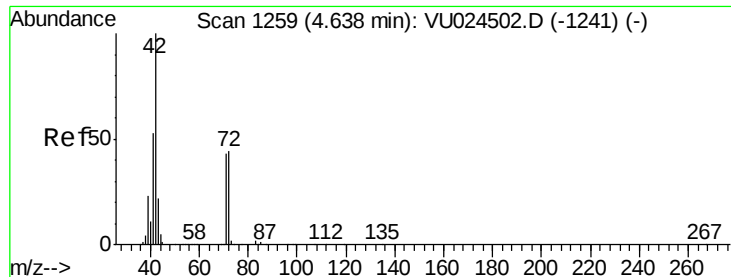
Tot Ion: 43 Resp: 8269
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#25
2-Butanone
Concen: 13.273 ug/l
RT: 4.27 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion: 43 Resp: 28956
Ion Ratio Lower Upper
43 100
72 23.7 19.6 29.4

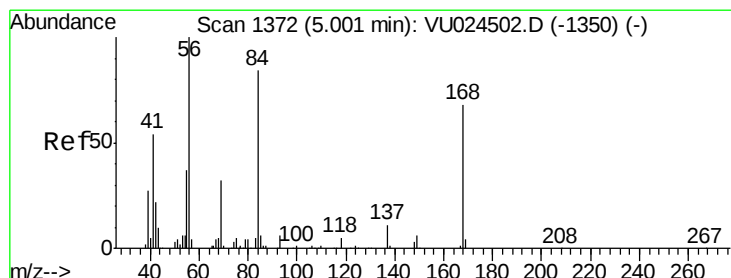
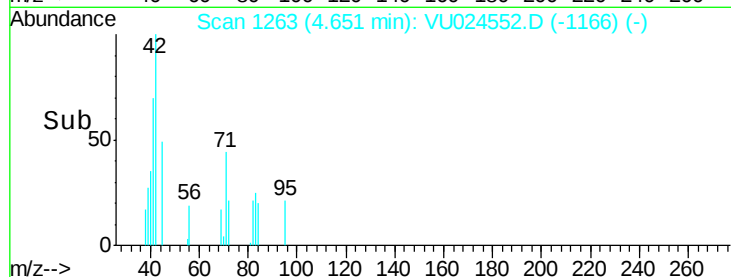
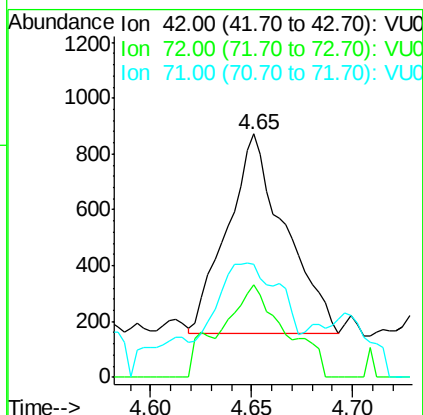
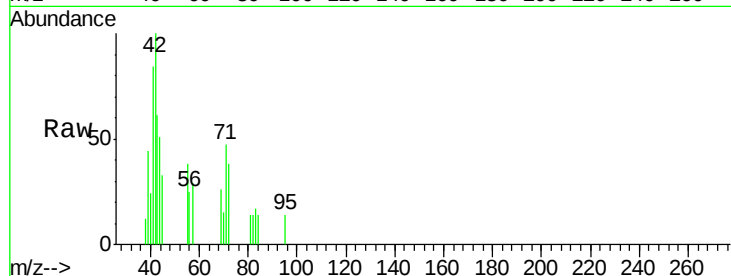




#29
Tetrahydrofuran
Concen: 1.053 ug/l
RT: 4.65 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

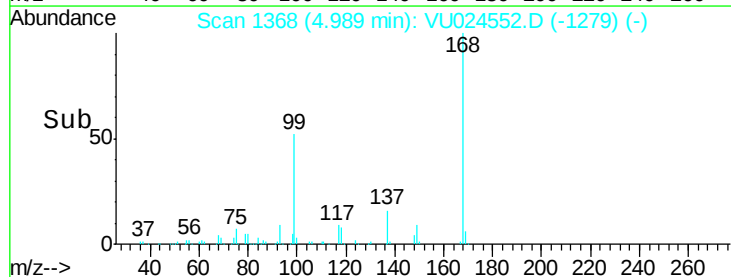
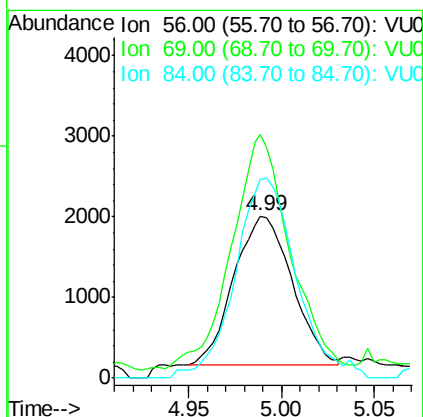
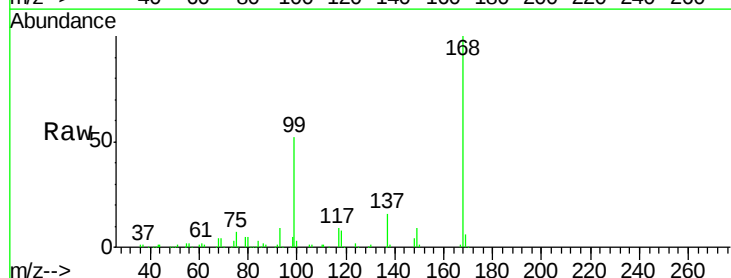
Instrument :
MSVOA_U
ClientSampled :

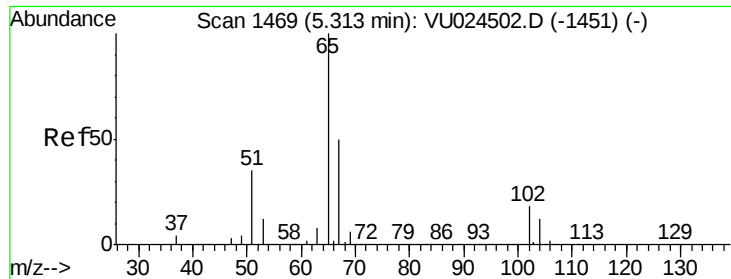
Tot Ion: 42 Resp: 1422
Ion Ratio Lower Upper
42 100
72 43.9 34.5 51.7
71 71.2 32.2 48.4#



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion: 56 Resp: 4028
Ion Ratio Lower Upper
56 100
69 150.6 24.8 37.2#
84 127.7 65.2 97.8#





#33

1,2-Dichloroethane-d4

Concen: 44.895 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

Instrument :

MSVOA_U

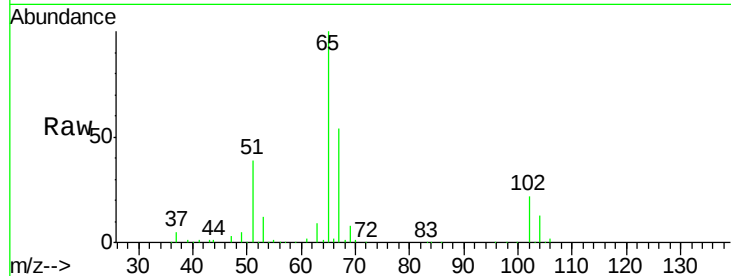
ClientSampleId :

Tot Ion: 65 Resp: 135713

Ion Ratio Lower Upper

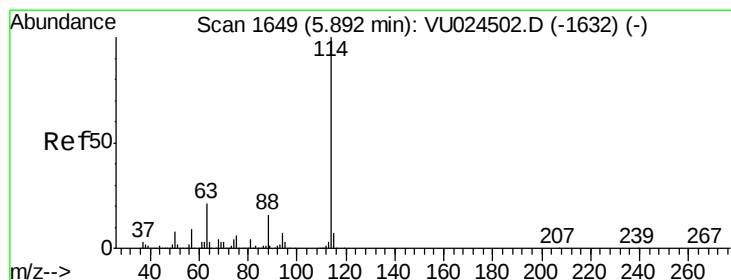
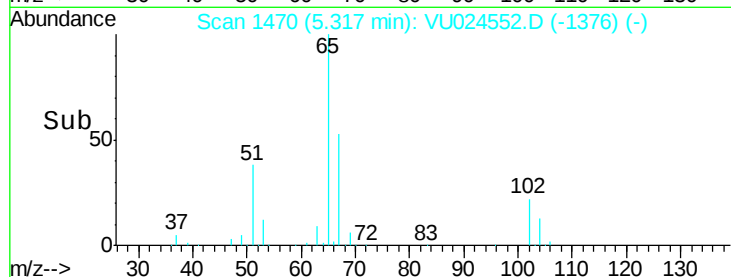
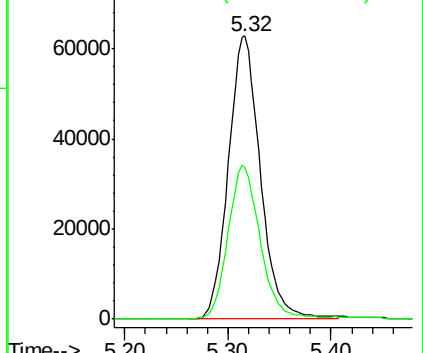
65 100

67 54.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

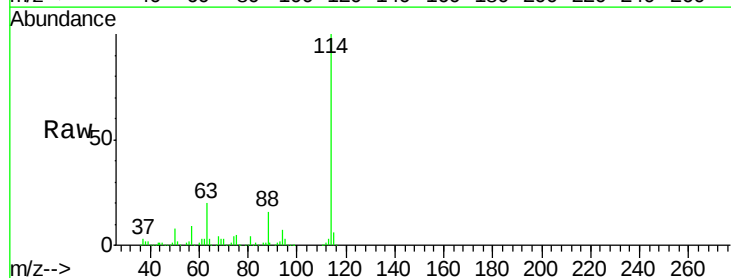
Tgt Ion: 114 Resp: 309102

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.4

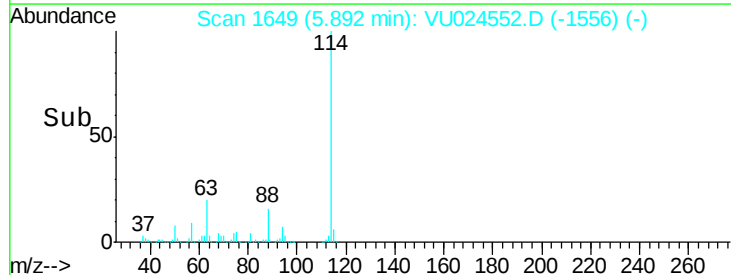
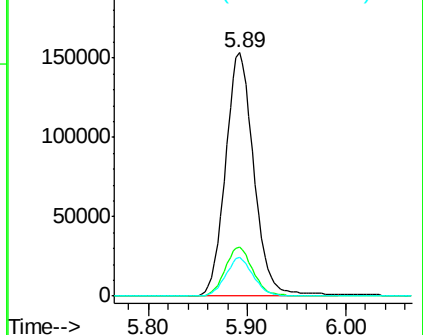
88 15.8 0.0 31.0

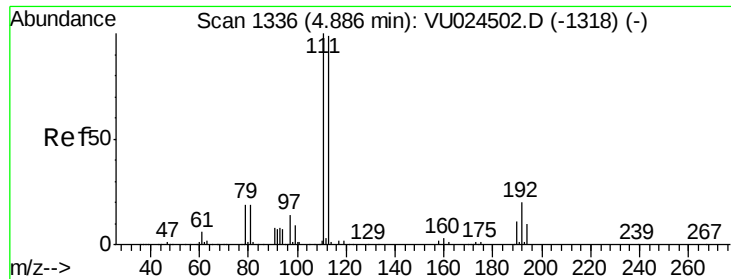


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0





#35

Dibromofluoromethane

Concen: 48.246 ug/l

RT: 4.89 min Scan# 1337

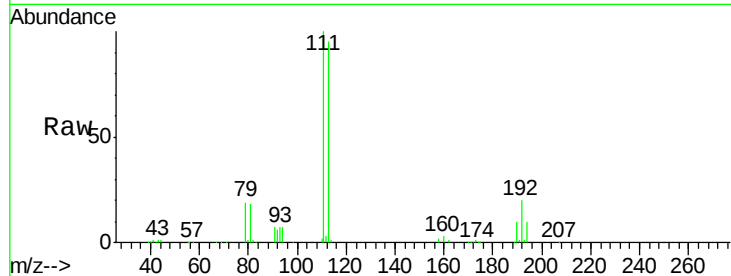
Delta R.T. 0.00 min

Lab File: VU024552.D

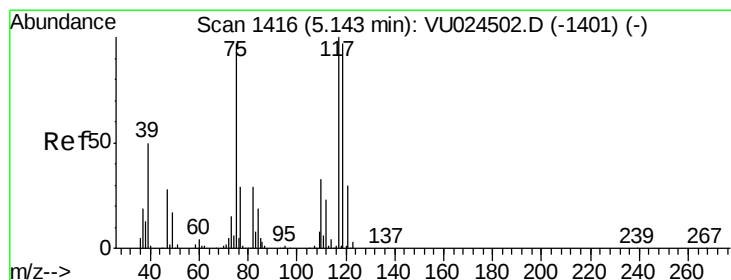
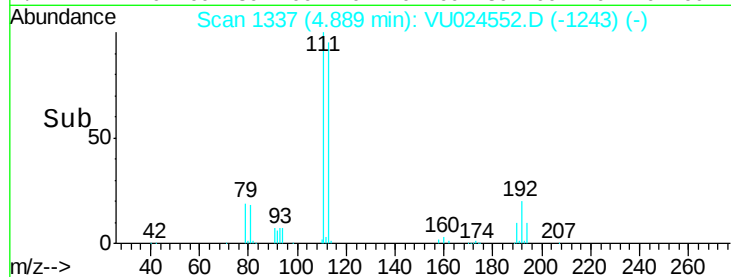
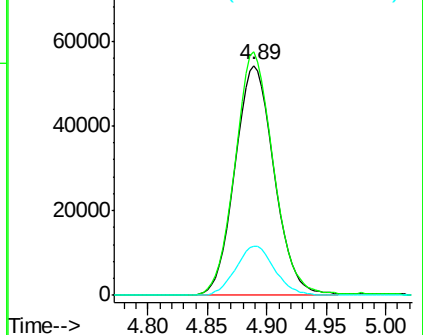
Acq: 14 Jun 2018 19:58

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	113	Resp:	123765
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	21.4	16.2	24.4



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: 3.620 ug/l

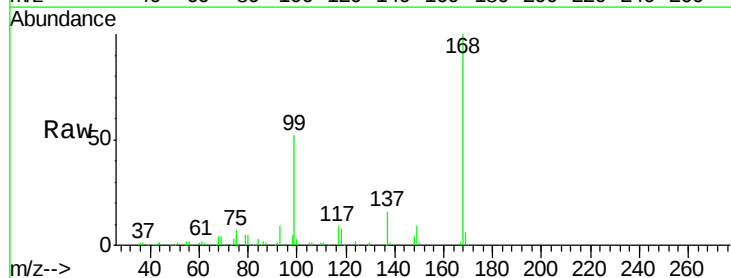
RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

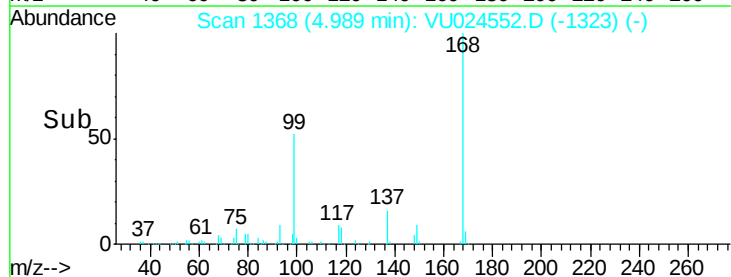
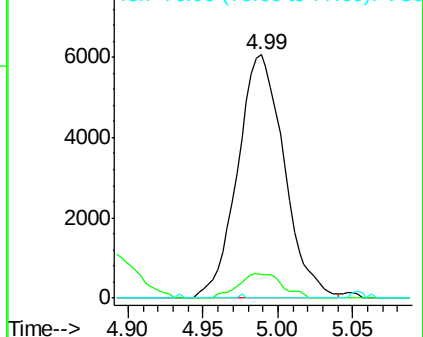
Lab File: VU024552.D

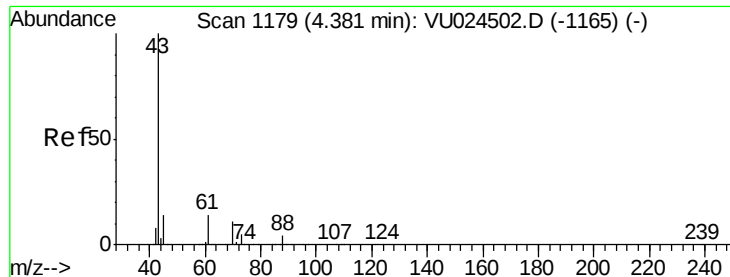
Acq: 14 Jun 2018 19:58

Tgt Ion:	75	Resp:	13150
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.0	50.9#
77	0.0	24.2	36.4#



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

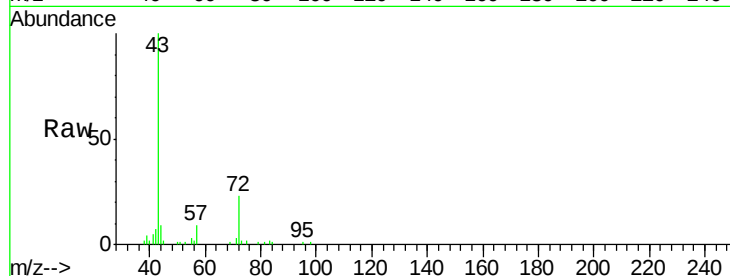




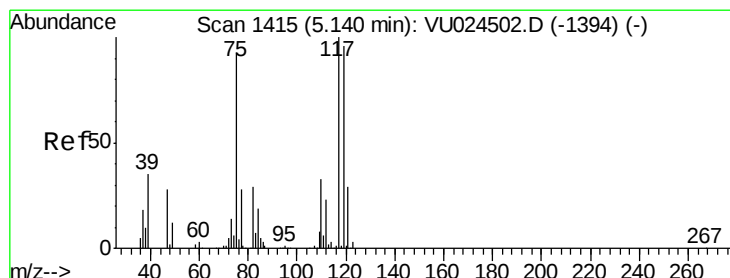
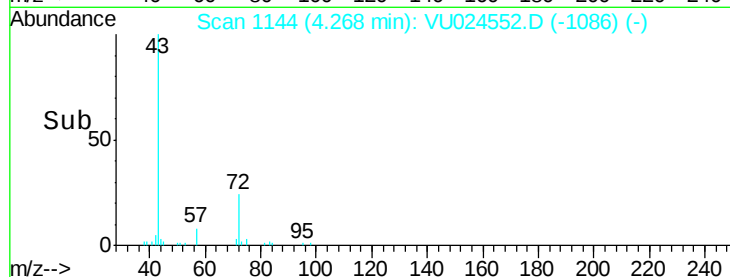
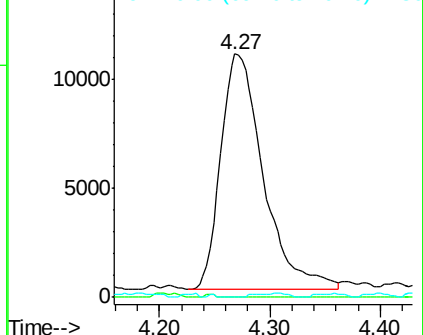
#37
Ethyl Acetate
Concen: 7.314 ug/l
RT: 4.27 min Scan# 1144
Delta R.T. -0.11 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.4	7.4	11.2#

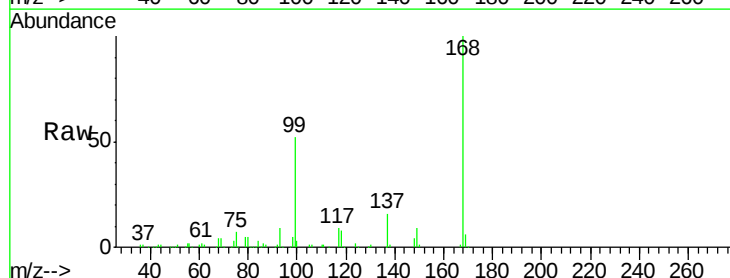


Abundance Ion 43.00 (42.70 to 43.70): VU024552.D (-1144) (-)

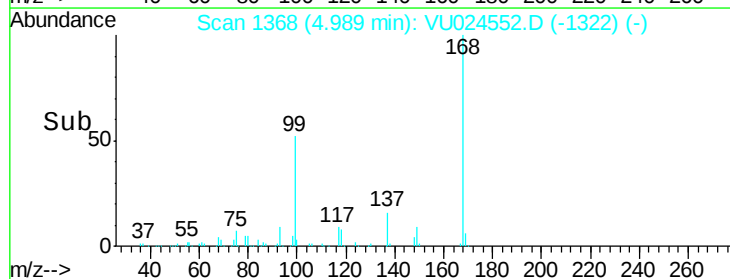
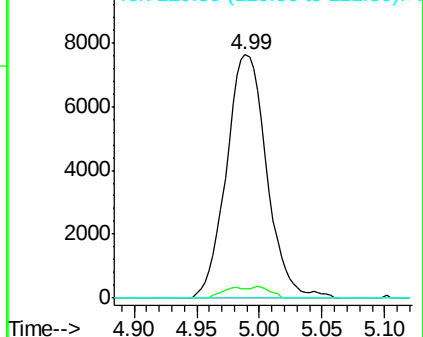


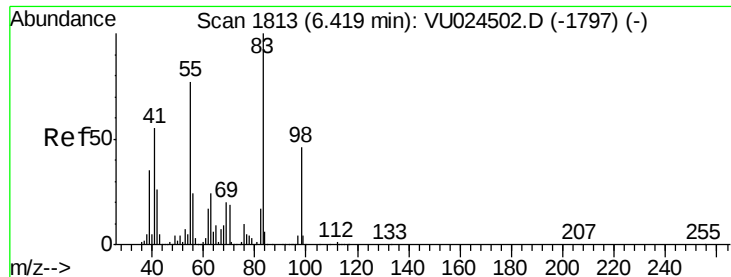
#38
Carbon Tetrachloride
Concen: 4.257 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.1	114.1#
121	0.0	23.7	35.5#



Abundance Ion 116.80 (116.50 to 117.50): VU024552.D (-1368) (-)

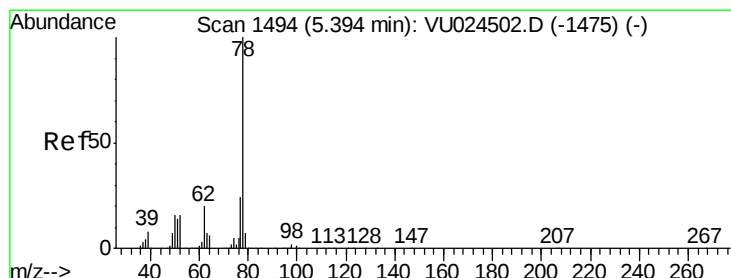
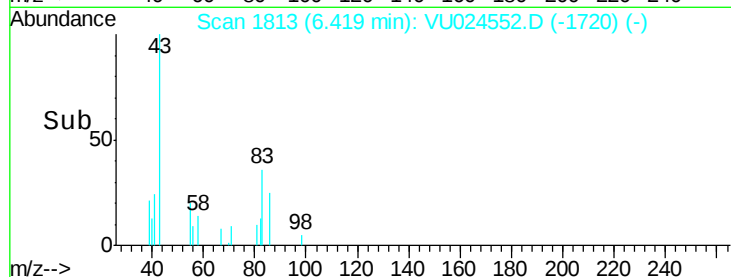
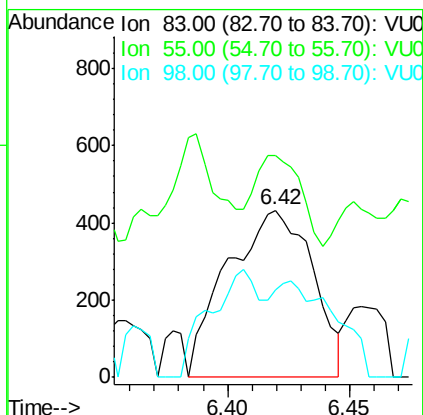
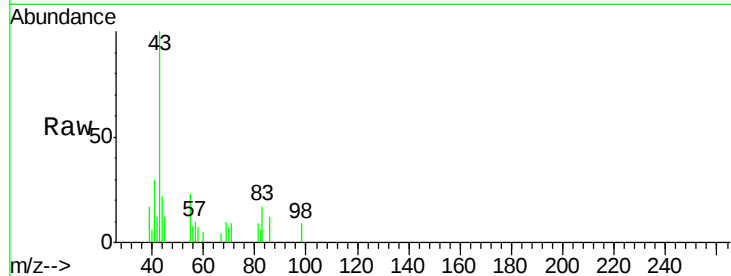




#39
Methvlcvclohexane
Concen: 0.232 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

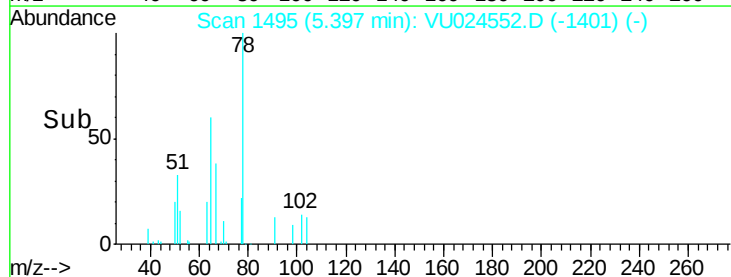
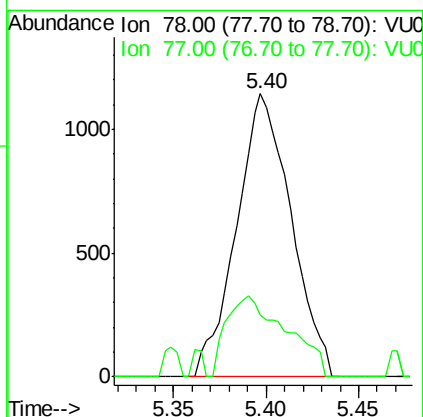
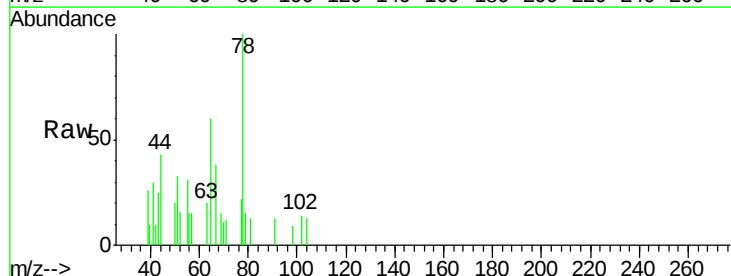
Instrument :
MSVOA_U
ClientSampled :

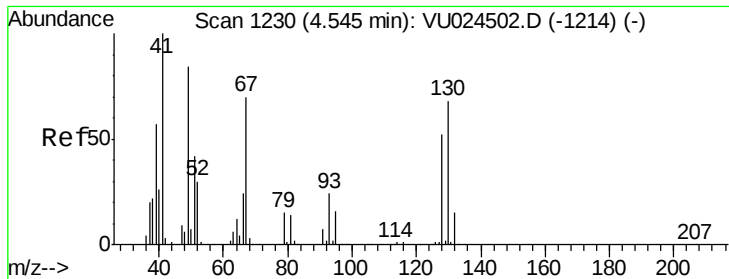
Tot Ion	Ratio	Lower	Upper
83	100		
55	39.0	65.8	98.6#
98	29.3	36.7	55.1#



#40
Benzene
Concen: 0.226 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	19.2	28.8

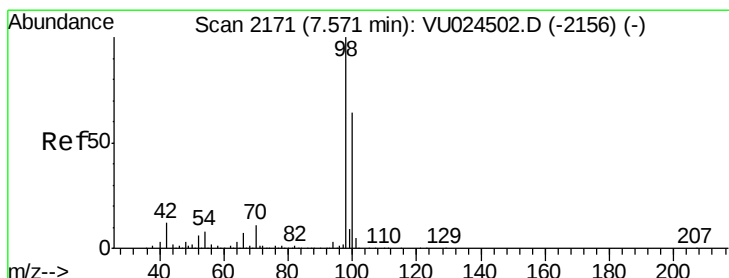
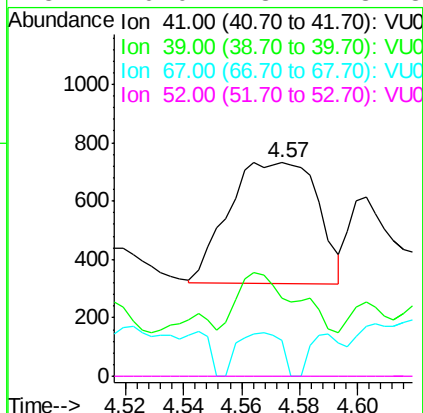
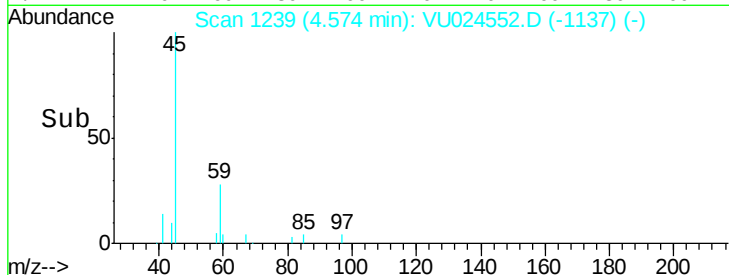
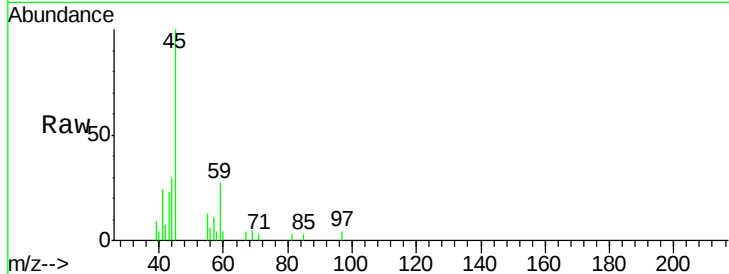




#41
Methacrylonitrile
Concen: 0.415 ug/l
RT: 4.57 min Scan# 1239
Delta R.T. 0.03 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

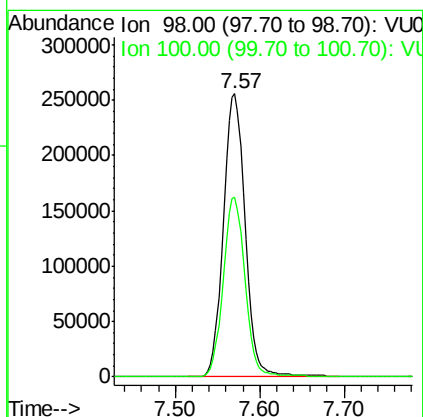
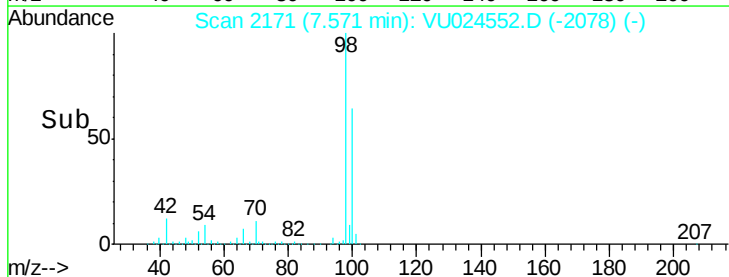
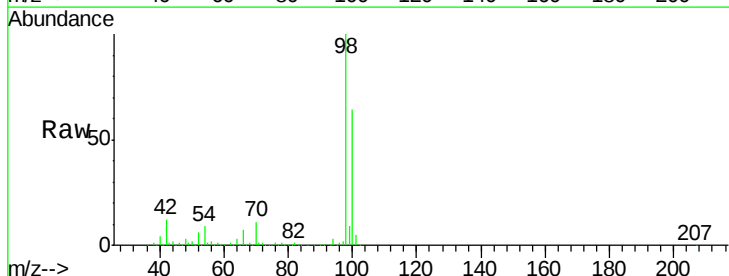
Instrument :
MSVOA_U
ClientSampled :

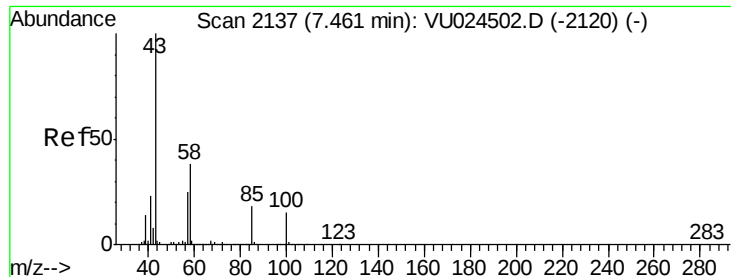
Tot Ion: 41 Resp: 886
Ion Ratio Lower Upper
41 100
39 31.2 43.8 65.6#
67 17.5 56.3 84.5#
52 0.0 23.2 34.8#



#50
Toluene-d8
Concen: 49.099 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion: 98 Resp: 459433
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 1.012 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

Instrument :

MSVOA_U

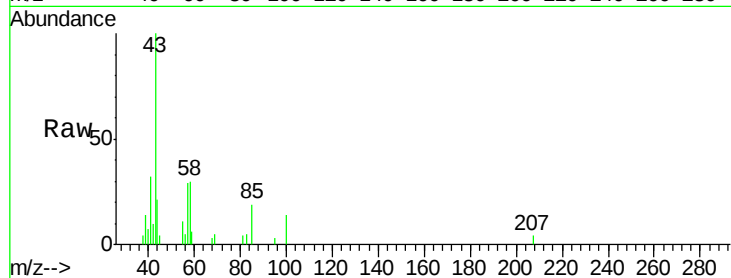
ClientSampleId :

Tot Ion: 43 Resp: 4350

Ion Ratio Lower Upper

43 100

58 40.9 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU024552.D (-2137) (-)

Ion 58.00 (57.70 to 58.70): VU024552.D (-2137) (-)

7.46

3000

2000

1000

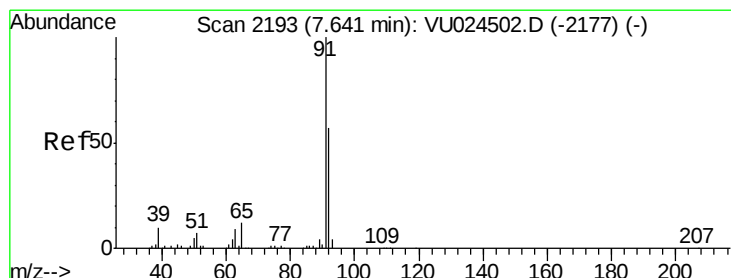
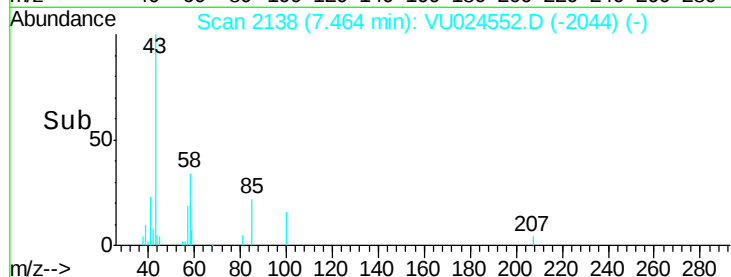
0

Time-->

7.40

7.45

7.50



#52

Toluene

Concen: 19.315 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024552.D

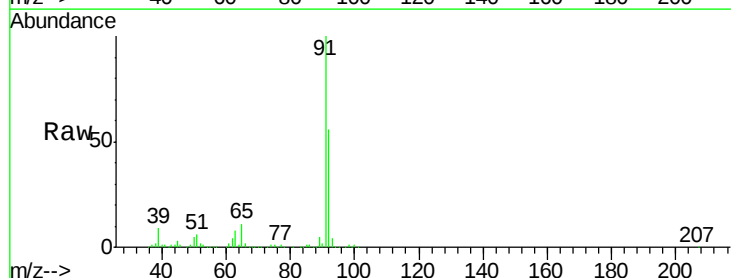
Acq: 14 Jun 2018 19:58

Tgt Ion: 92 Resp: 128614

Ion Ratio Lower Upper

92 100

91 177.1 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU024552.D (-2193) (-)

Ion 91.00 (90.70 to 91.70): VU024552.D (-2193) (-)

150000

100000

50000

0

Time-->

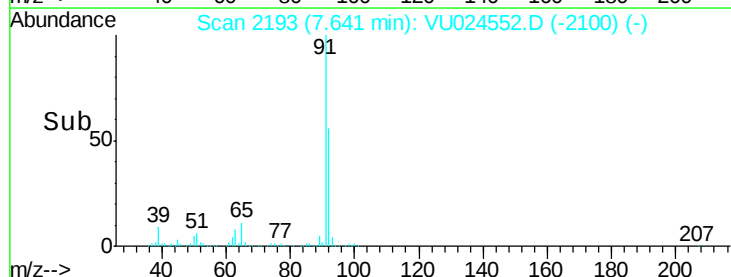
7.55

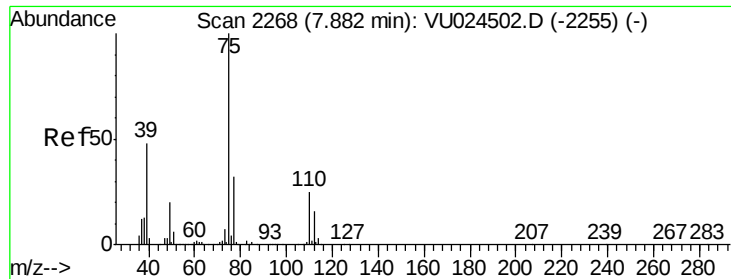
7.60

7.65

7.70

7.75

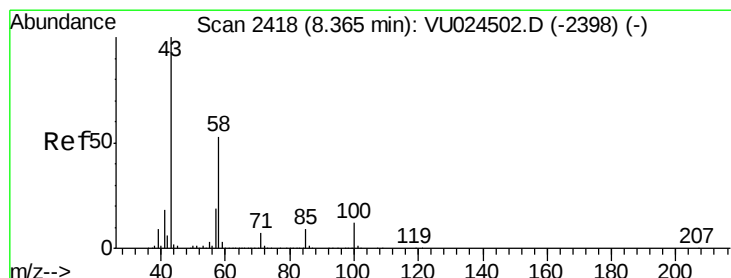
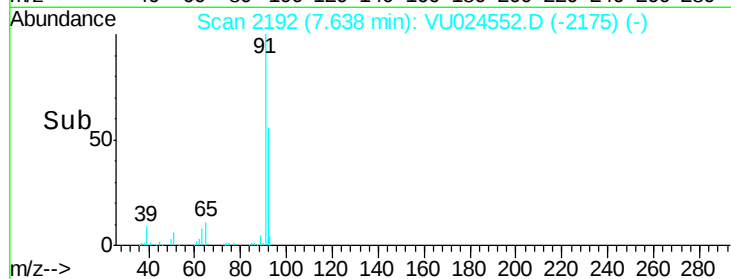
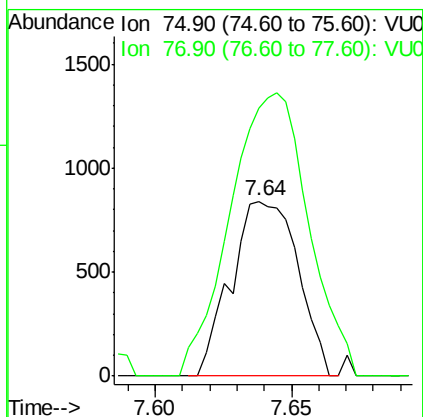
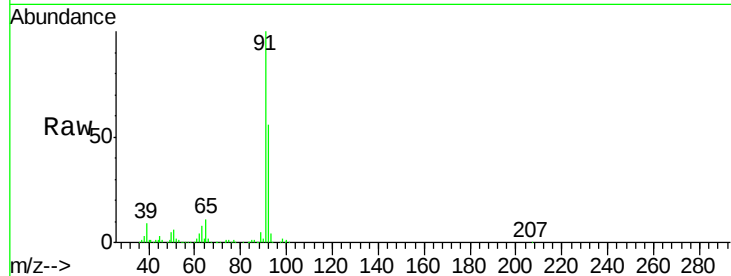




#53
t-1,3-Dichloropropene
Concen: 0.329 ug/l
RT: 7.64 min Scan# 2192
Delta R.T. -0.24 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

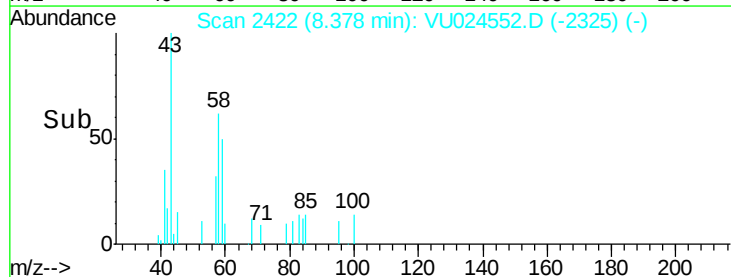
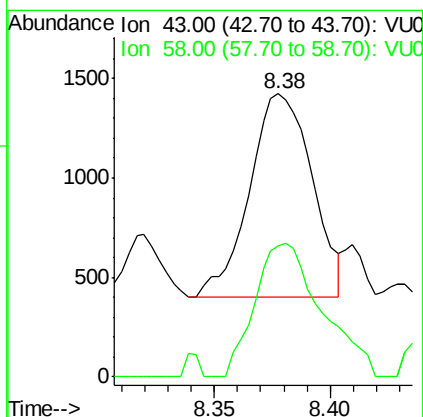
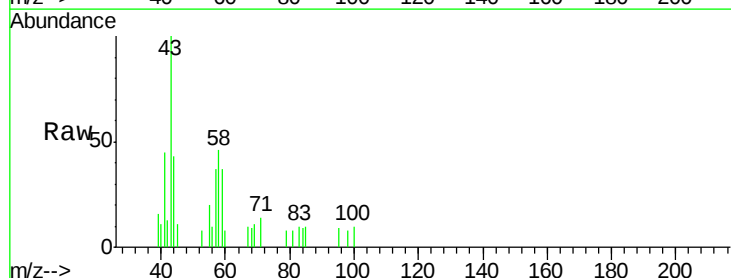
Instrument :
MSVOA_U
ClientSampled :

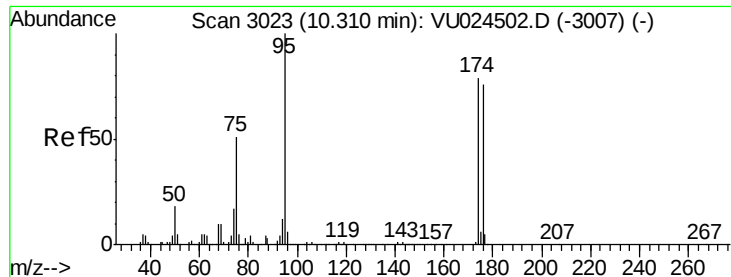
Tot Ion: 75 Resp: 1428
Ion Ratio Lower Upper
75 100
77 136.6 24.8 37.2#



#59
2-Hexanone
Concen: 0.550 ug/l
RT: 8.38 min Scan# 2422
Delta R.T. 0.01 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
58 69.9 26.4 79.0

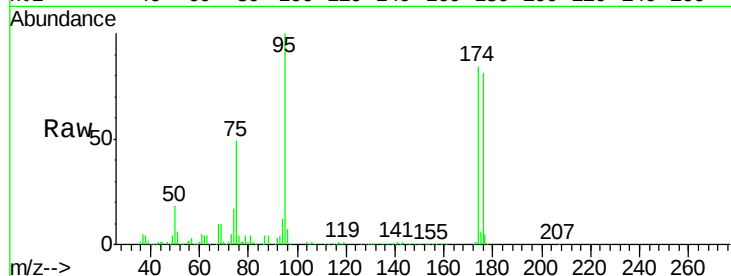




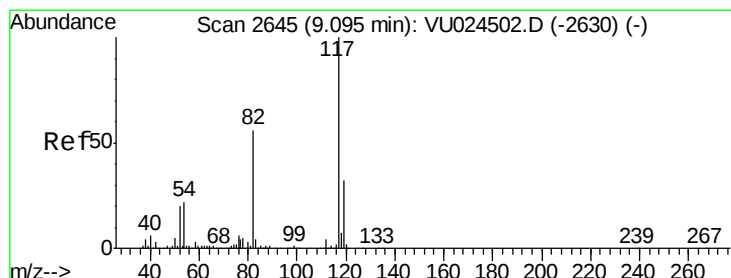
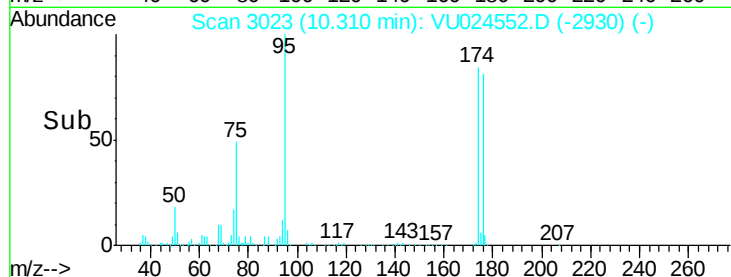
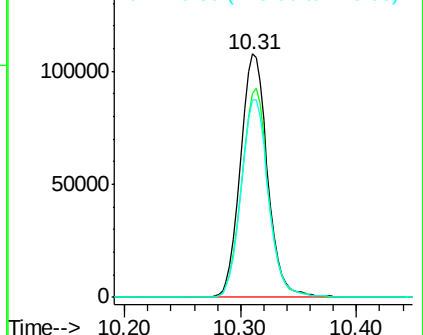
#62
4-Bromofluorobenzene
Concen: 47.074 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	95	Resp	174	176
Ratio	100		84.5	82.0
Lower			0.0	0.0
Upper			165.8	159.4

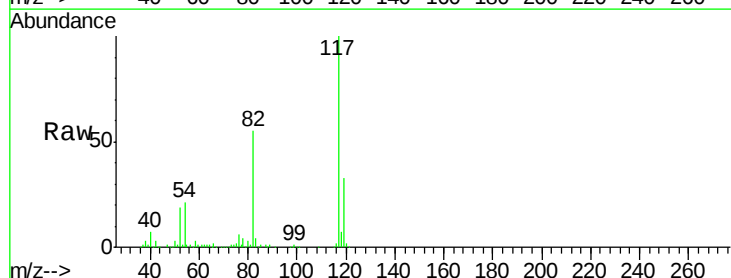


Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)
Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)
Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

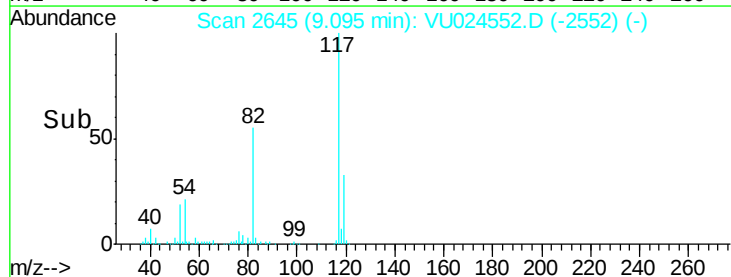
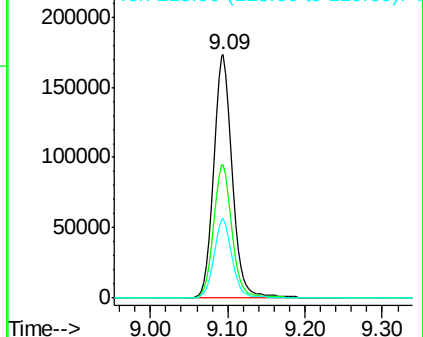


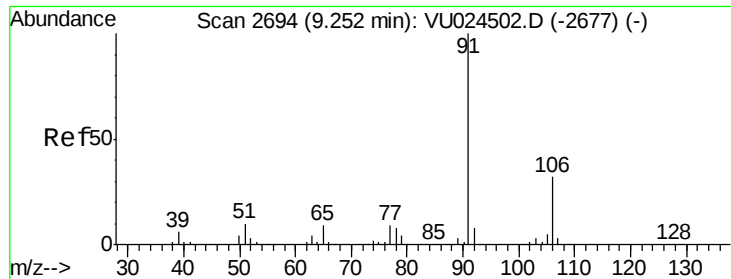
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion	117	Resp	82	119
Ratio <td>100</td> <td></td> <td>54.9</td> <td>32.7</td>	100		54.9	32.7
Lower			44.3	25.4
Upper			66.5	38.2



Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)
Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)
Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)

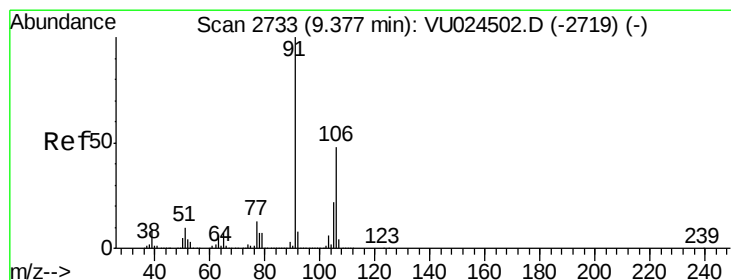
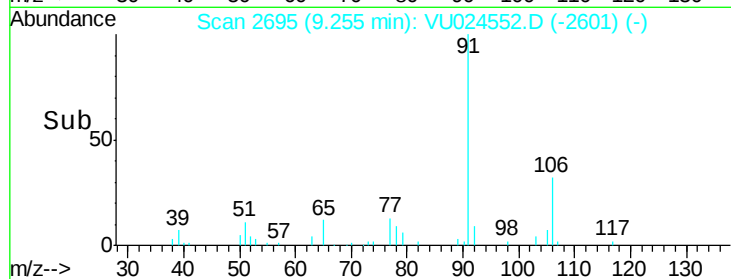
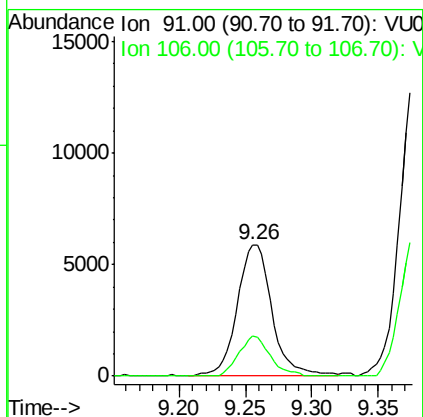
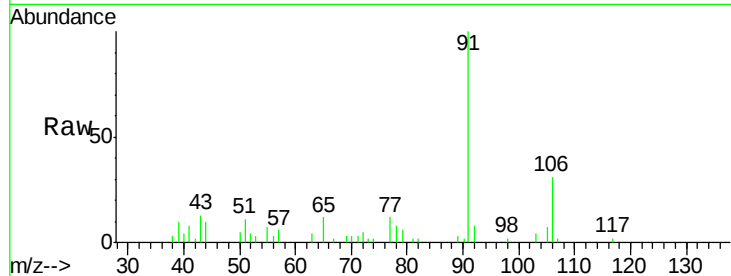




#67
Ethyl Benzene
Concen: 0.807 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

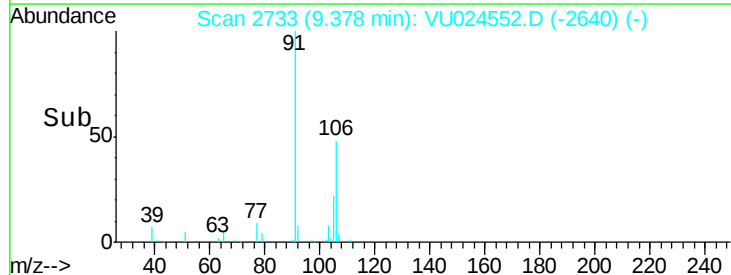
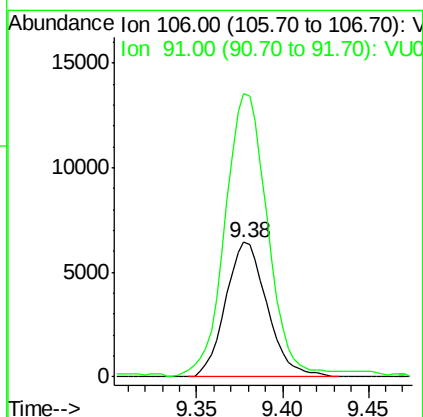
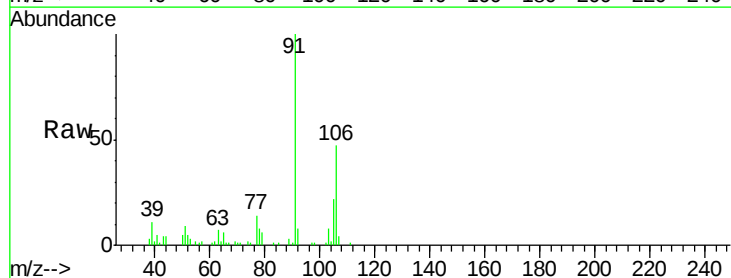
Instrument :
MSVOA_U
ClientSampleId :

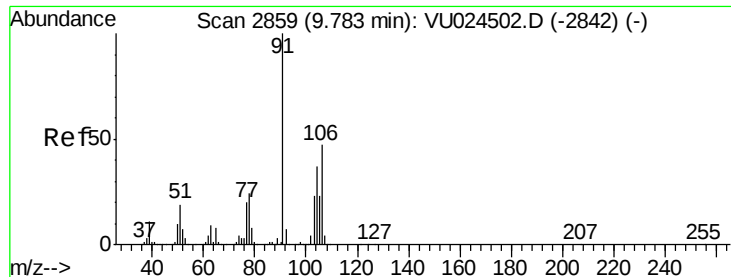
Tot Ion: 91 Resp: 10773
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 2.115 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion: 106 Resp: 10840
Ion Ratio Lower Upper
106 100
91 215.2 166.5 249.7

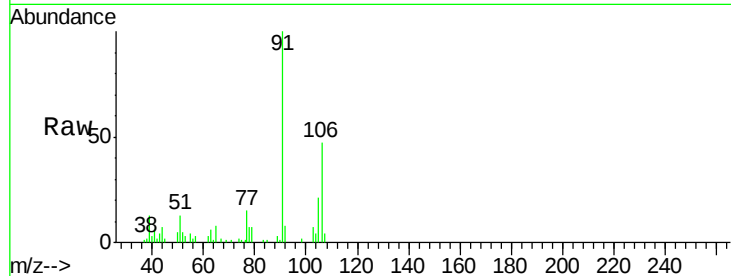




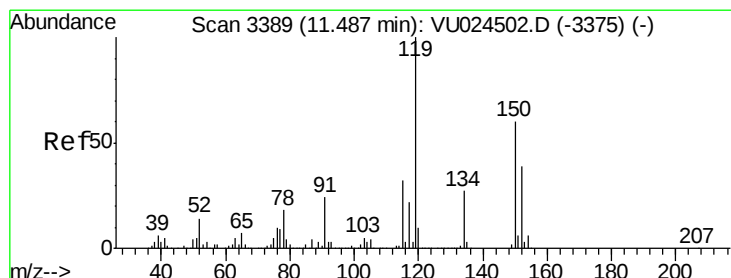
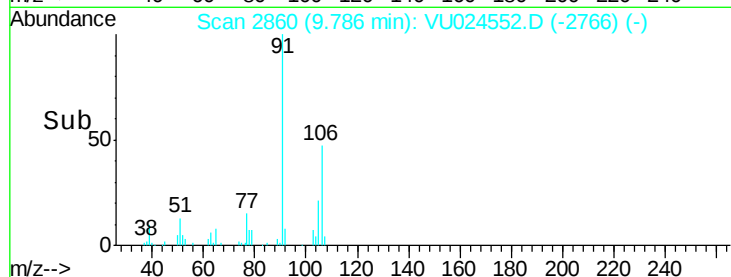
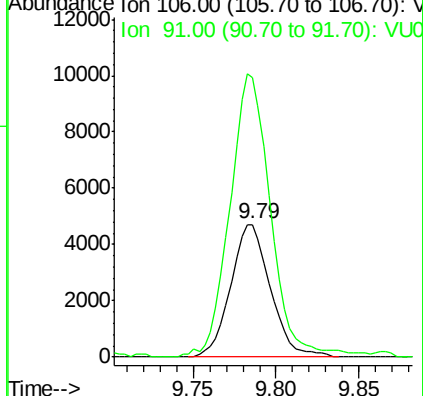
#69
o-Xylene
Concen: 1.543 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 7825
Ion Ratio Lower Upper
106 100
91 220.2 110.7 331.9

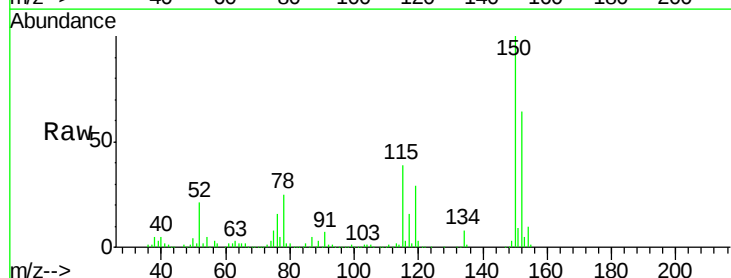


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

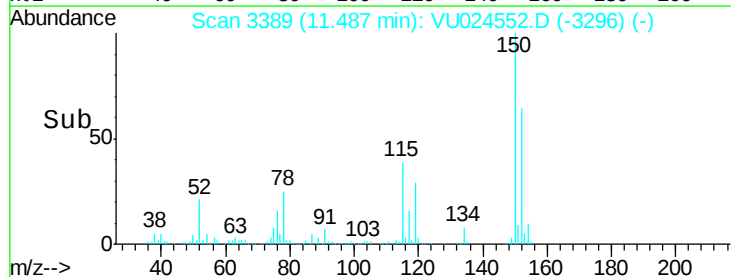
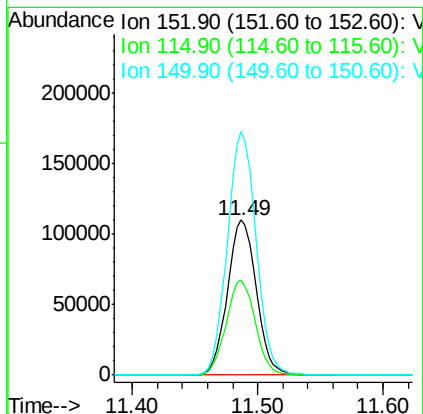


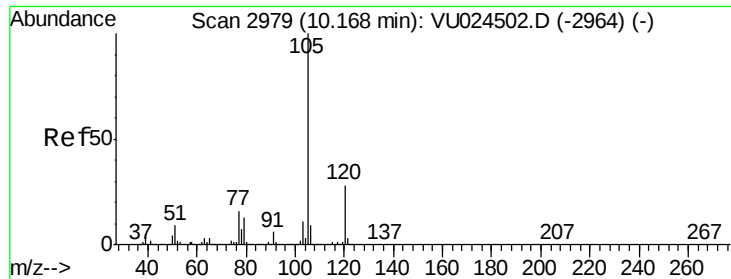
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024552.D
Acq: 14 Jun 2018 19:58

Tgt Ion:152 Resp: 175421
Ion Ratio Lower Upper
152 100
115 61.7 43.0 129.0
150 156.8 0.0 354.0



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: 0.202 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

Instrument :

MSVOA_U

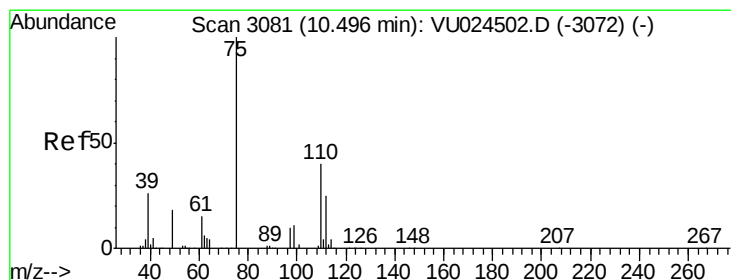
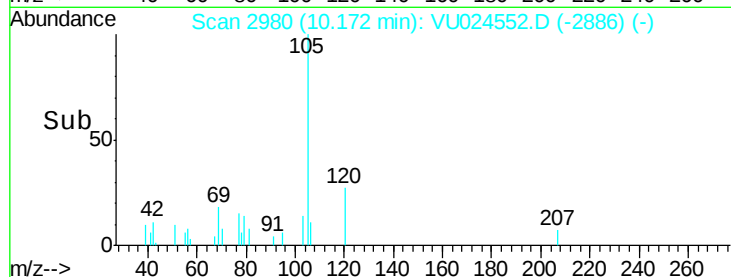
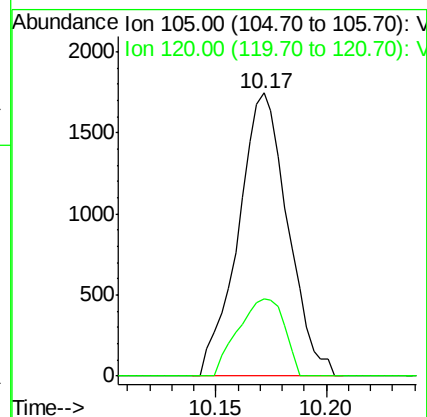
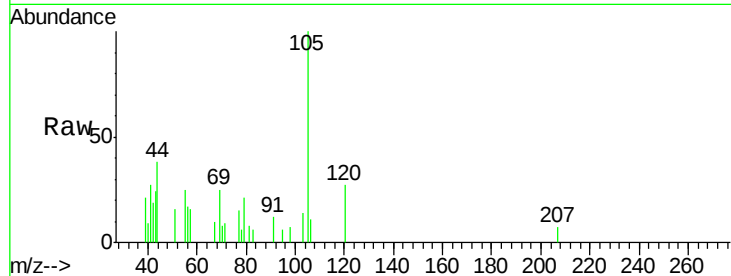
ClientSampleId :

Tot Ion:105 Resp: 2722

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.6



#76

1,2,3-Trichloropropane

Concen: 22.242 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024552.D

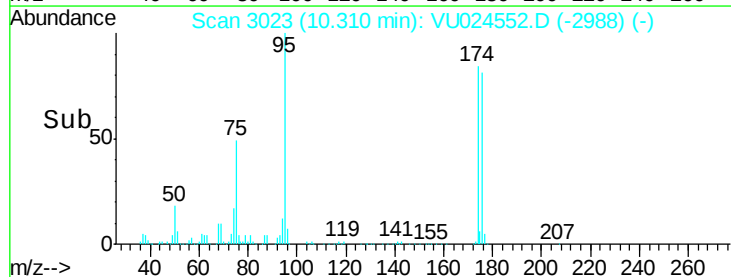
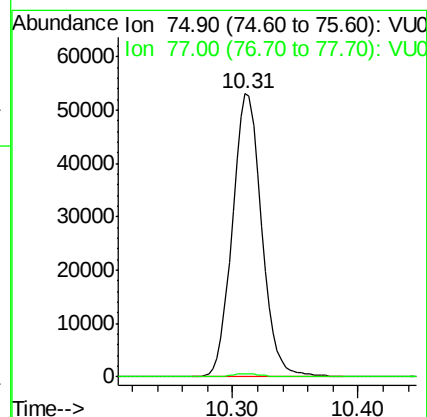
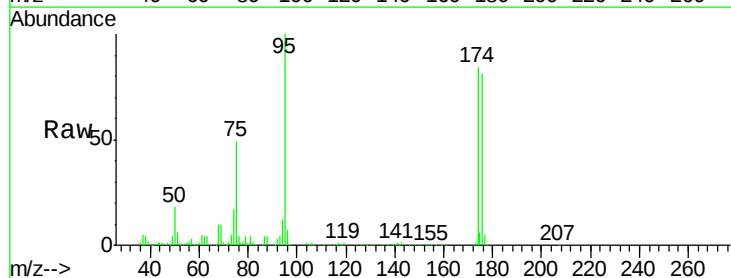
Acq: 14 Jun 2018 19:58

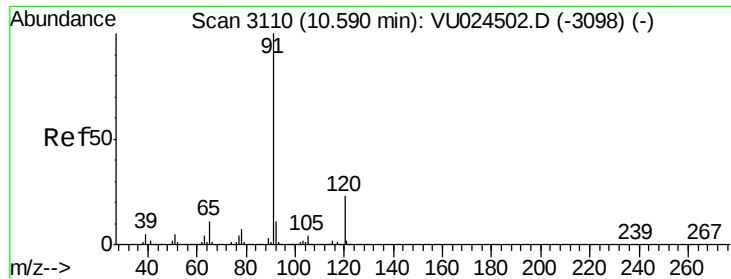
Tgt Ion: 75 Resp: 85903

Ion Ratio Lower Upper

75 100

77 1.3 20.9 62.7#





#78

n-propylbenzene

Concen: 0.310 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

Instrument :

MSVOA_U

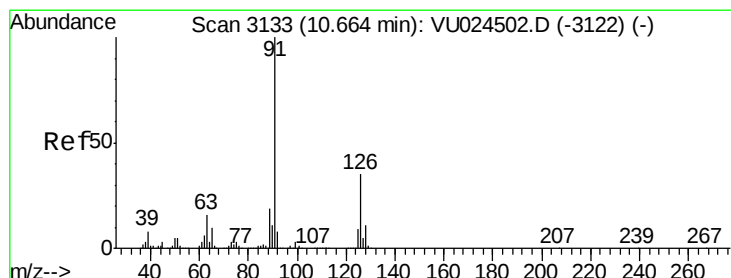
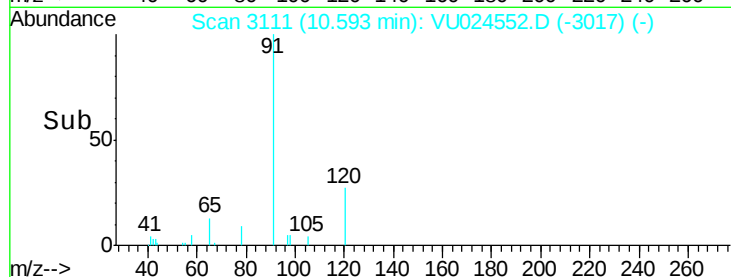
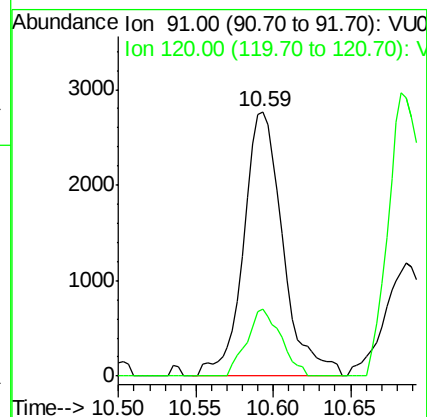
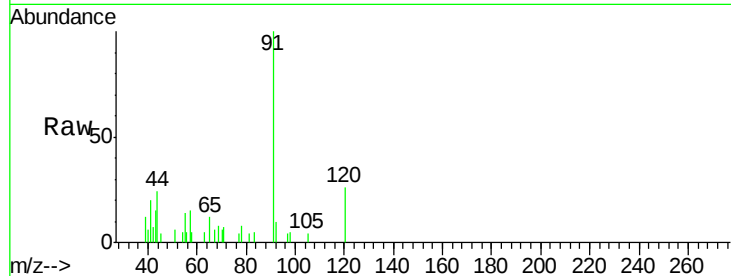
ClientSampleId :

Tot Ion: 91 Resp: 4914

Ion Ratio Lower Upper

91 100

120 21.9 11.2 33.5



#79

2-Chlorotoluene

Concen: 0.297 ug/l

RT: 10.69 min Scan# 3140

Delta R.T. 0.02 min

Lab File: VU024552.D

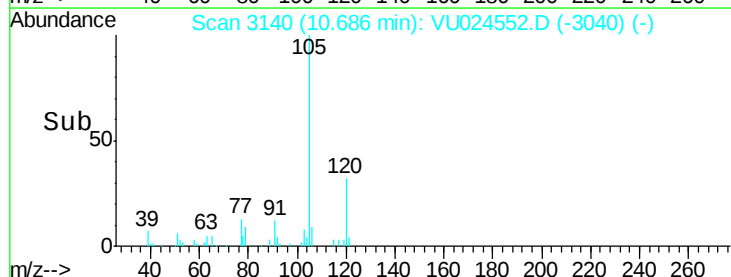
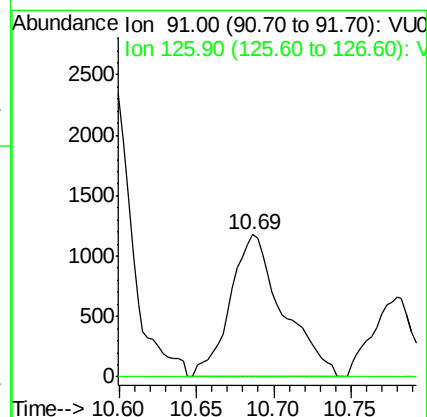
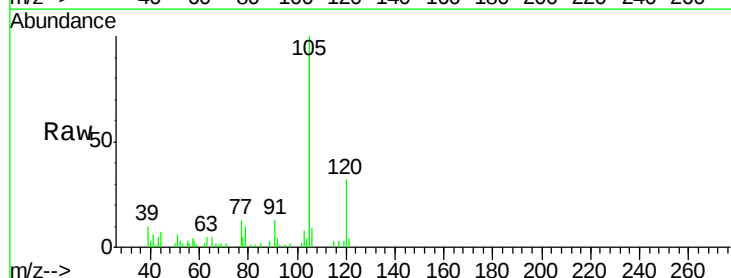
Acq: 14 Jun 2018 19:58

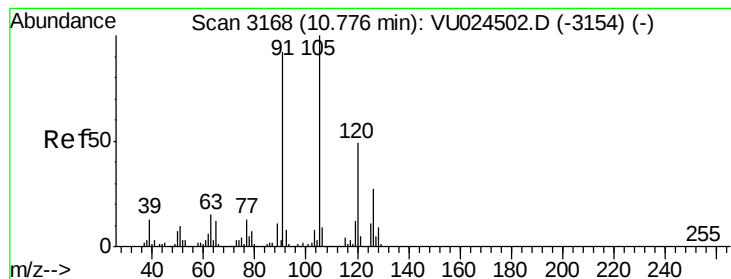
Tgt Ion: 91 Resp: 2783

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 0.711 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

Instrument :

MSVOA_U

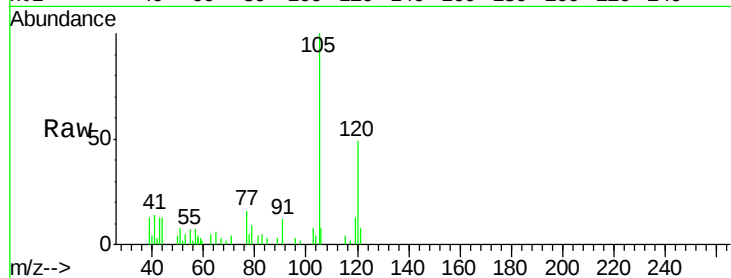
ClientSampleId :

Tot Ion:105 Resp: 8305

Ion Ratio Lower Upper

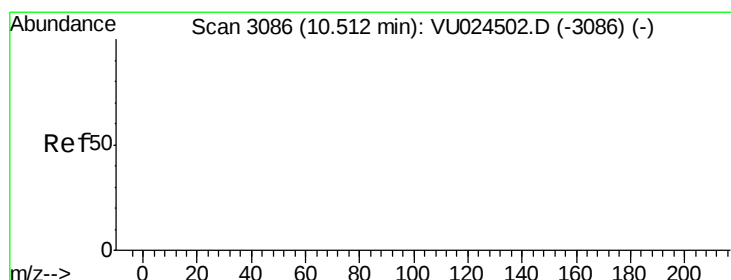
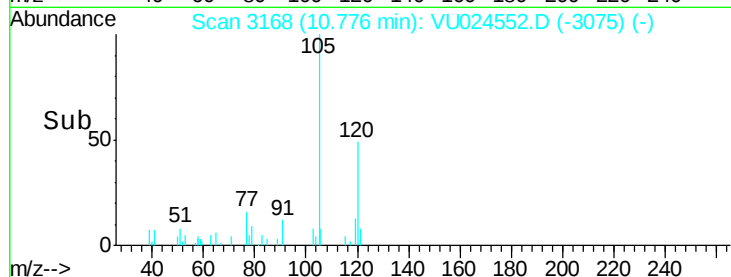
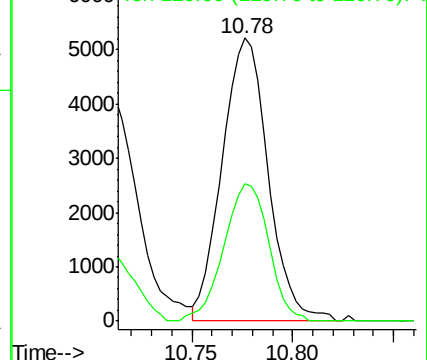
105 100

120 47.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 51.478 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

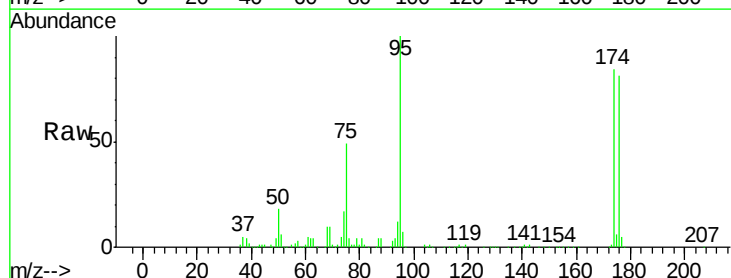
Tgt Ion: 75 Resp: 85903

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

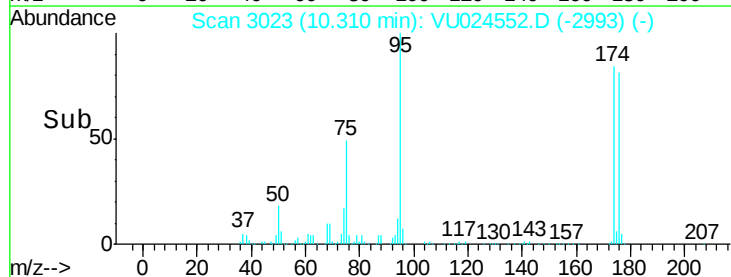
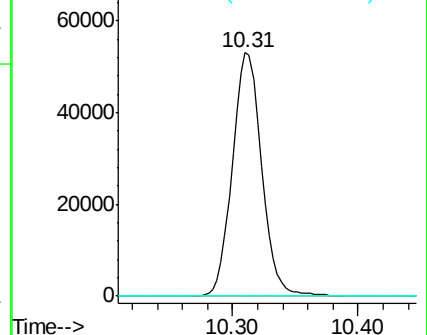
89 0.0 0.0 0.0

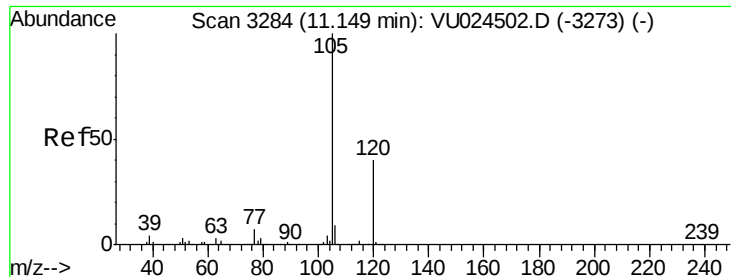


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

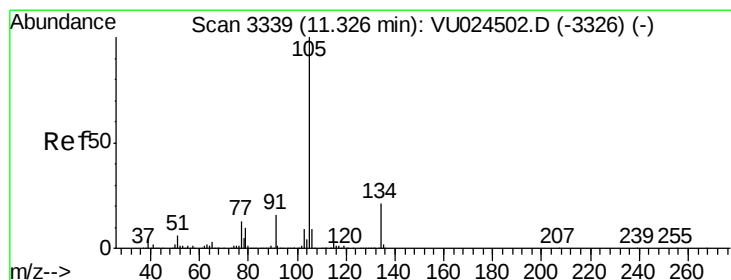
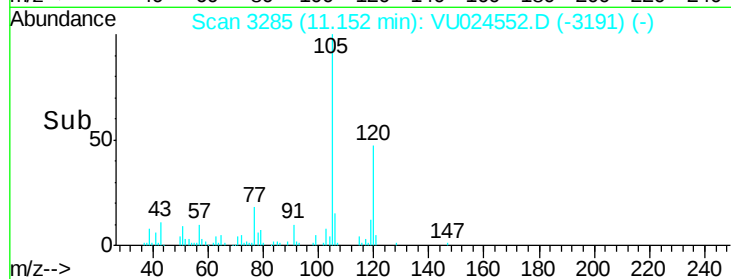
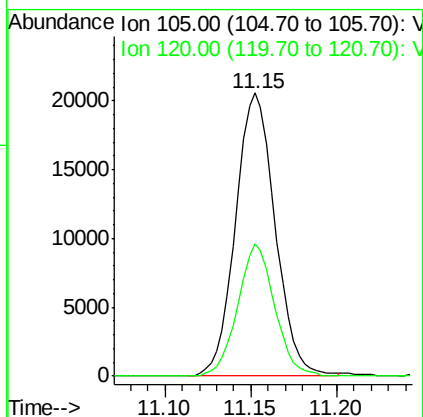
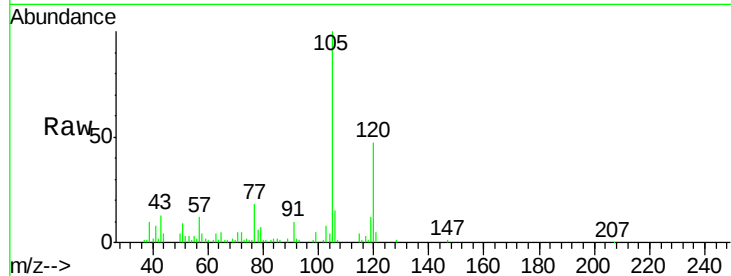




#84
 1,2,4-Trimethylbenzene
 Concen: 2.759 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024552.D
 Acq: 14 Jun 2018 19:58

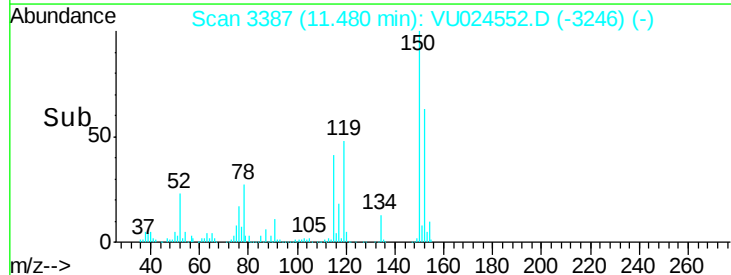
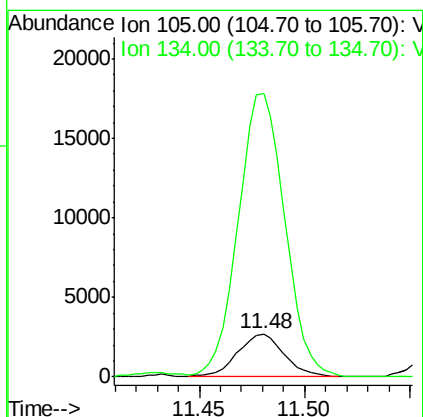
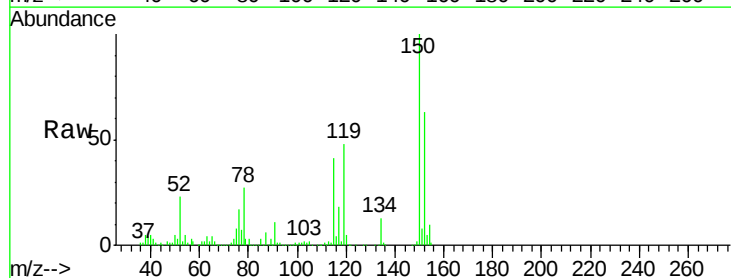
Instrument :
 MSVOA_U
 ClientSampleId :

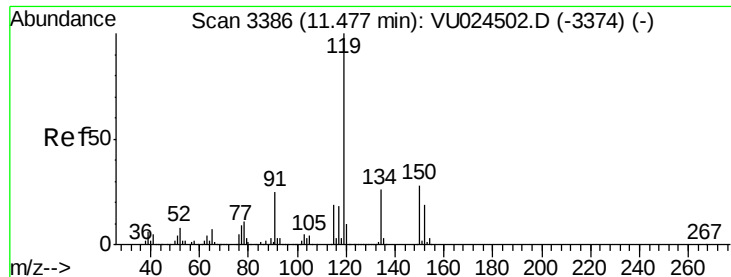
Tot Ion:105 Resp: 32824
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 0.297 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.15 min
 Lab File: VU024552.D
 Acq: 14 Jun 2018 19:58

Tgt Ion:105 Resp: 4179
 Ion Ratio Lower Upper
 105 100
 134 654.6 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 8.142 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

Instrument :

MSVOA_U

ClientSampleId :

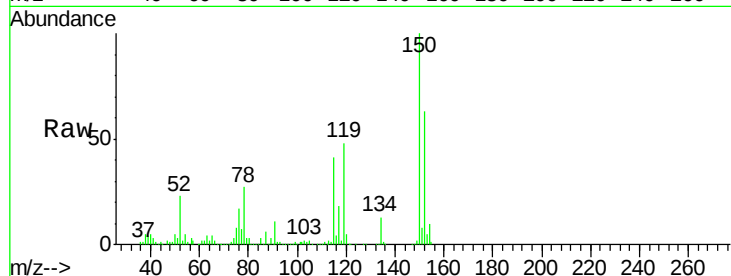
Tot Ion:119 Resp: 102491

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

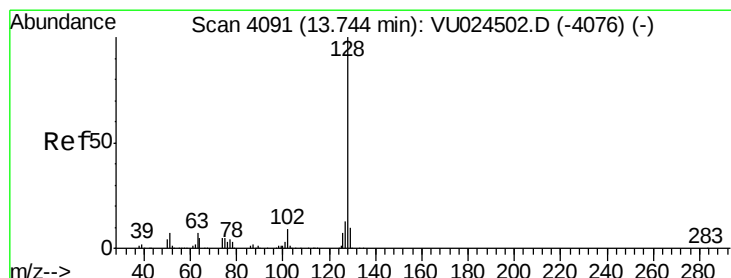
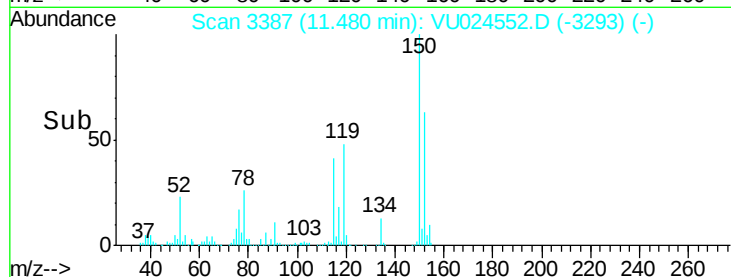
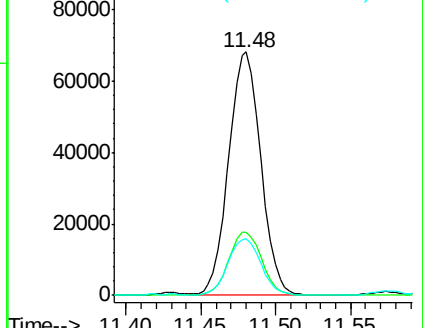
91 23.6 12.0 36.1



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): V



#95

Naphthalene

Concen: 2.588 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024552.D

Acq: 14 Jun 2018 19:58

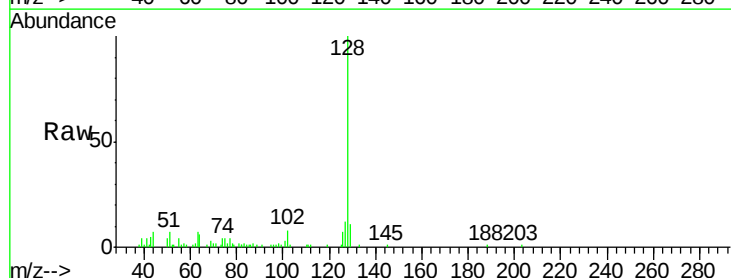
Tgt Ion:128 Resp: 24965

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.8 8.6 12.8



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

