

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025293.D
 Acq On : 10 Jul 2018 16:53
 Operator : MD/SY
 Sample : J3898-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW077-180703

Quant Time: Jul 11 02:03:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	300028	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	282725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145583	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	154062	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
35) Dibromofluoromethane	4.89	113	116674	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
50) Toluene-d8	7.57	98	433862	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	10.31	95	158329	45.37	ug/l	0.00
Spiked Amount			Recovery	=	90.74%	

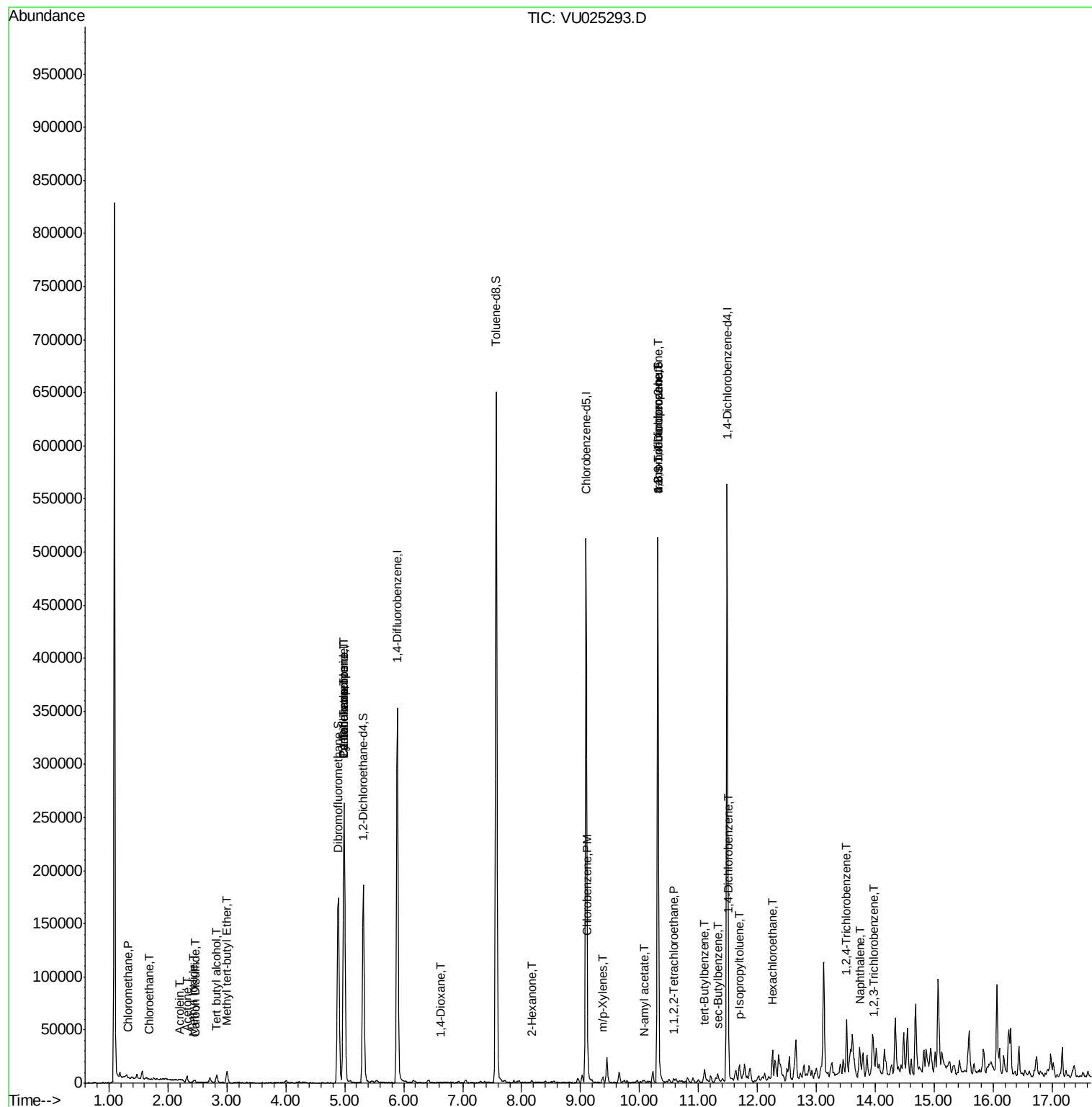
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	455	0.78	ug/l	# 78
5) Bromomethane	1.63	94	463	Below Cal		93
6) Chloroethane	1.68	64	41	0.32	ug/l	# 43
10) Methyl Iodide	2.42	142	184	7.77	ug/l	# 81
11) Tert butyl alcohol	2.82	59	7921	11.52	ug/l	# 94
13) Acrolein	2.19	56	155	0.34	ug/l	# 1
16) Acetone	2.32	43	6498	8.83	ug/l	96
17) Carbon Disulfide	2.48	76	417	2.00	ug/l	# 74
19) Methyl tert-butyl Ether	3.00	73	10152	1.30	ug/l	92
31) Cyclohexane	4.99	56	5229	2.04	ug/l	# 36
36) 1,1-Dichloropropene	4.99	75	14452	4.33	ug/l	# 49
38) Carbon Tetrachloride	4.99	117	18989	5.29	ug/l	# 17
49) 1,4-Dioxane	6.62	88	157	2.20	ug/l	# 1
59) 2-Hexanone	8.17	43	1272	0.41	ug/l	81
65) Chlorobenzene	9.12	112	4994	0.71	ug/l	91
68) m/p-Xylenes	9.38	106	1321	0.28	ug/l	99
74) N-amyl acetate	10.08	43	2110	1.72	ug/l	# 46
75) 1,1,2,2-Tetrachloroethane	10.58	83	1198	0.33	ug/l	# 26
76) 1,2,3-Trichloropropane	10.31	75	83080	28.04	ug/l	# 37
81) trans-1,4-Dichloro-2-buten	10.31	75	83080	71.63	ug/l	# 100
83) tert-Butylbenzene	11.10	119	2342	0.25	ug/l	78
85) sec-Butylbenzene	11.33	105	3653	0.33	ug/l	95
86) p-Isopropyltoluene	11.69	119	7625	0.77	ug/l	91
88) 1,4-Dichlorobenzene	11.52	146	181	1.52	ug/l	# 25
90) Hexachloroethane	12.26	117	1452	0.87	ug/l	# 7
93) 1,2,4-Trichlorobenzene	13.51	180	162	3.33	ug/l	# 1
95) Naphthalene	13.75	128	4587	2.82	ug/l	# 66
96) 1,2,3-Trichlorobenzene	13.99	180	196	2.58	ug/l	# 64

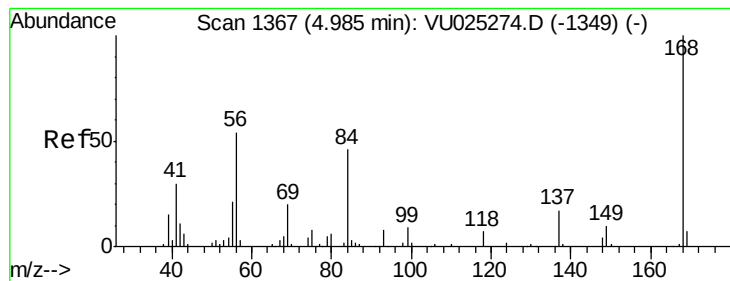
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

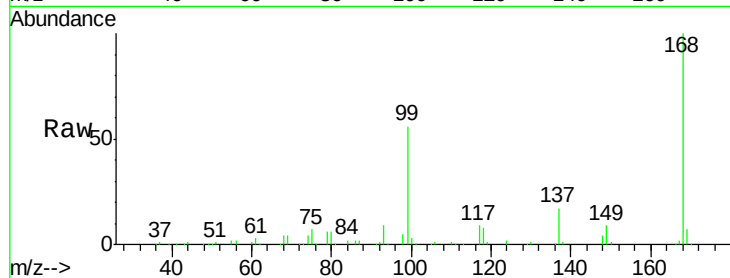
SS038MW077-180703

Tot Ion:168 Resp: 202890

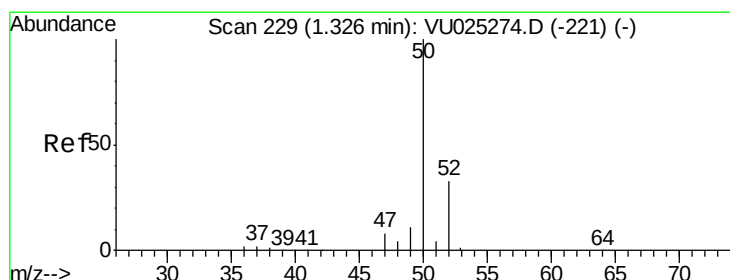
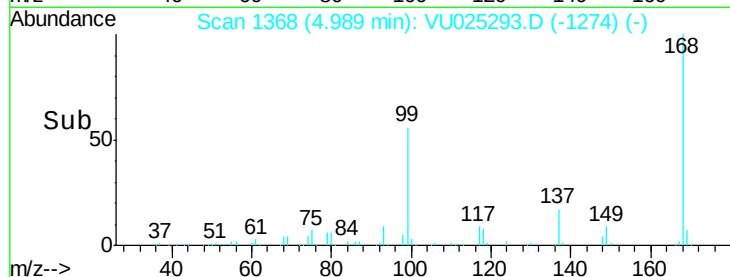
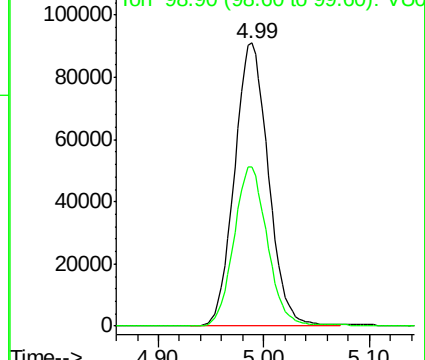
Ion Ratio Lower Upper

168 100

99 56.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)



#3

Chloromethane

Concen: 0.78 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025293.D

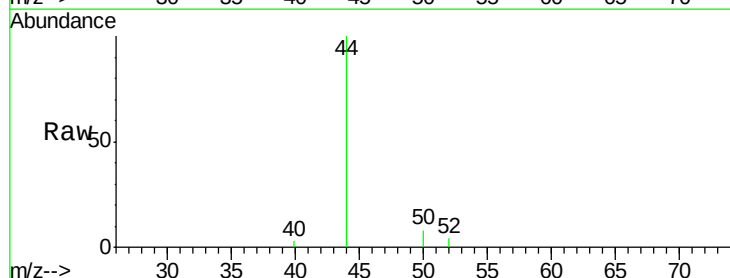
Acq: 10 Jul 2018 16:53

Tgt Ion: 50 Resp: 455

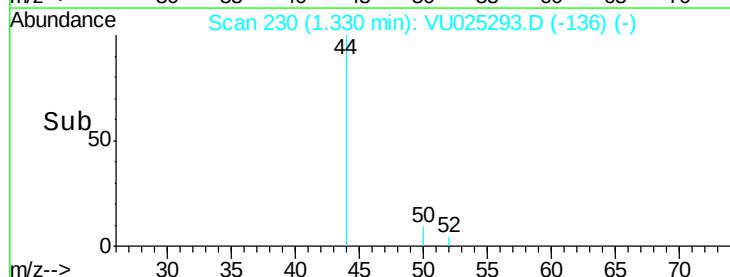
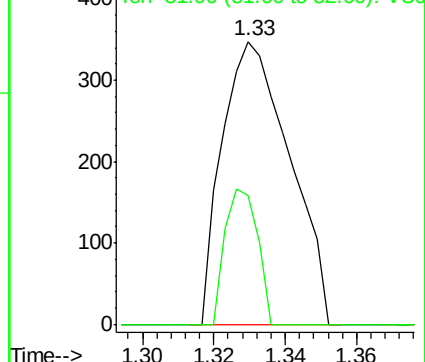
Ion Ratio Lower Upper

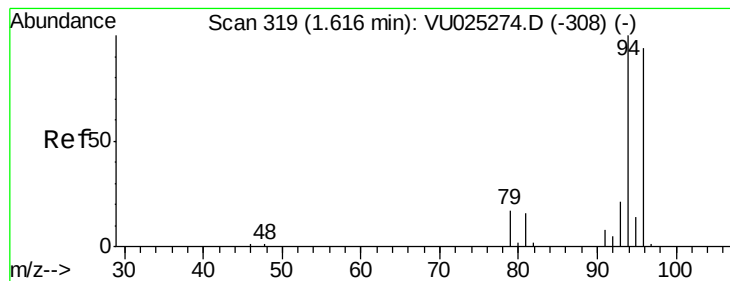
50 100

52 45.4 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025274.D (-221) (-)





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

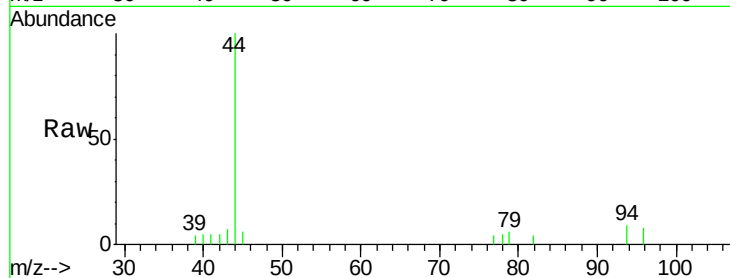
SS038MW077-180703

Tot Ion: 94 Resp: 463

Ion Ratio Lower Upper

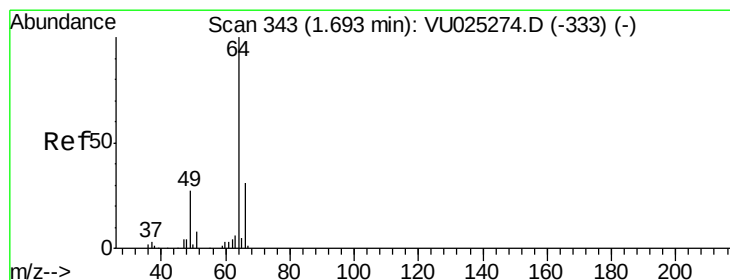
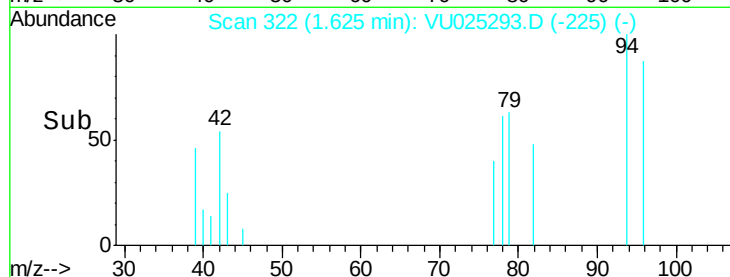
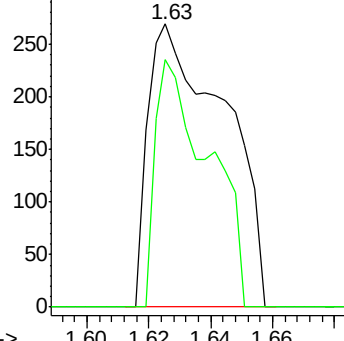
94 100

96 87.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 0.32 ug/l

RT: 1.68 min Scan# 338

Delta R.T. -0.02 min

Lab File: VU025293.D

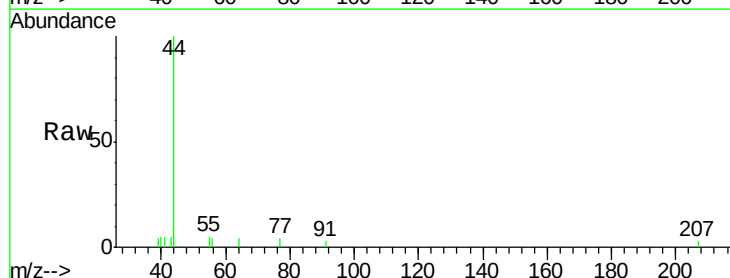
Acq: 10 Jul 2018 16:53

Tgt Ion: 64 Resp: 41

Ion Ratio Lower Upper

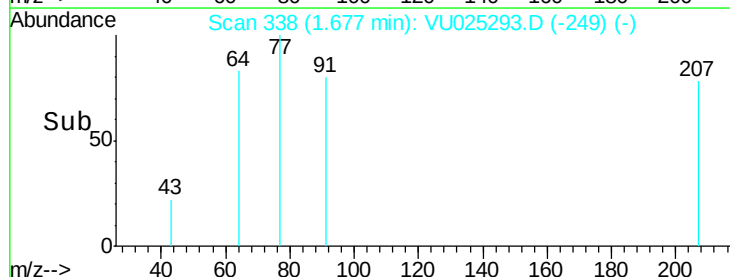
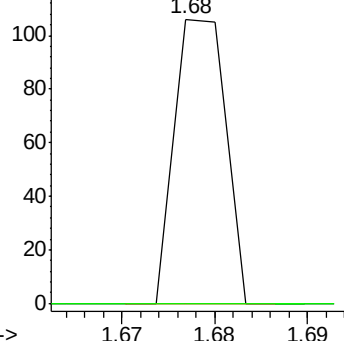
64 100

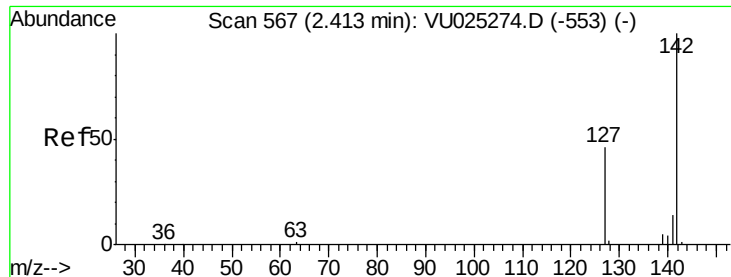
66 0.0 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

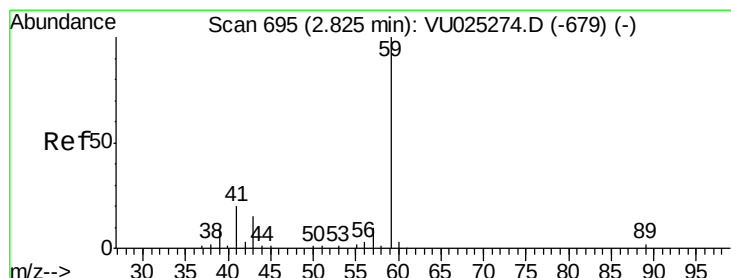
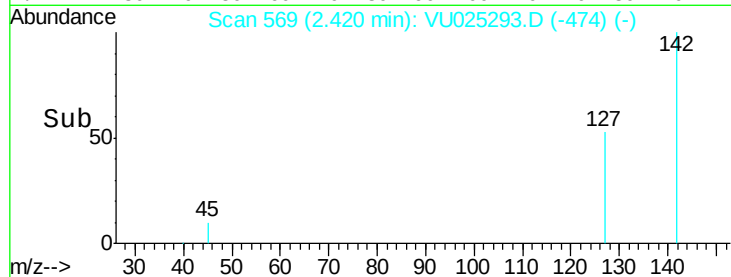
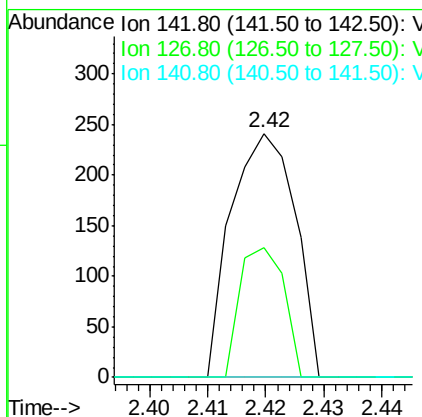
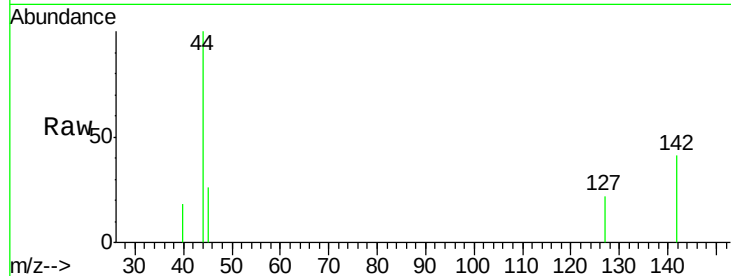




#10
Methvl Iodide
Concen: 7.77 ug/l
RT: 2.42 min Scan# 569
Delta R.T. 0.01 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

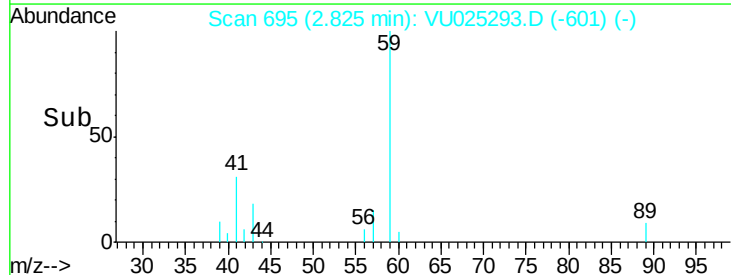
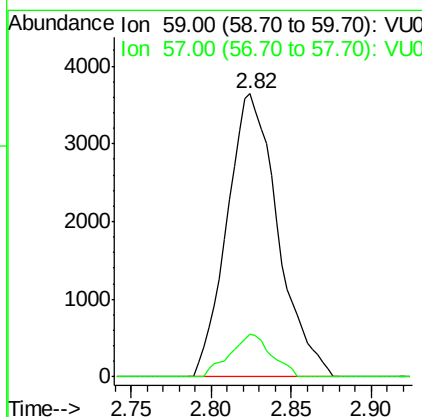
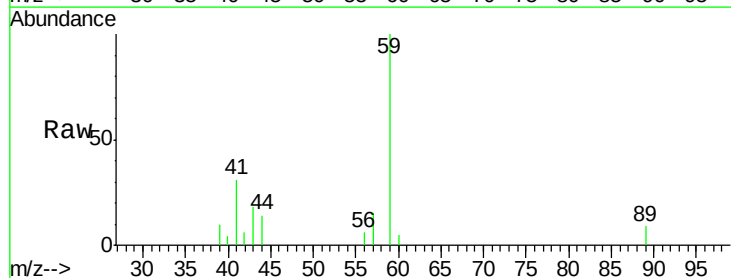
Instrument :
MSVOA_U
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SS038MW077-180703

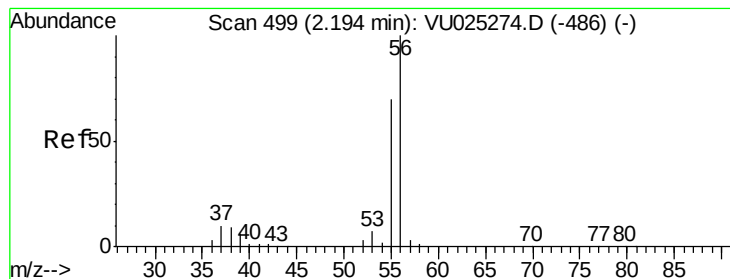
Tot Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
127 36.4 36.5 54.7#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 11.52 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

Tgt Ion: 59 Resp: 7921
Ion Ratio Lower Upper
59 100
57 12.3 8.2 12.2#





#13

Acrolein

Concen: 0.34 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

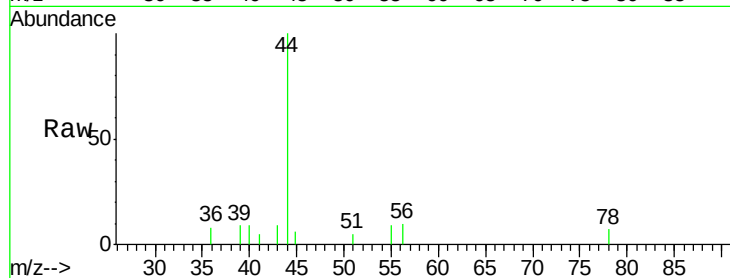
SS038MW077-180703

Tot Ion: 56 Resp: 155

Ion Ratio Lower Upper

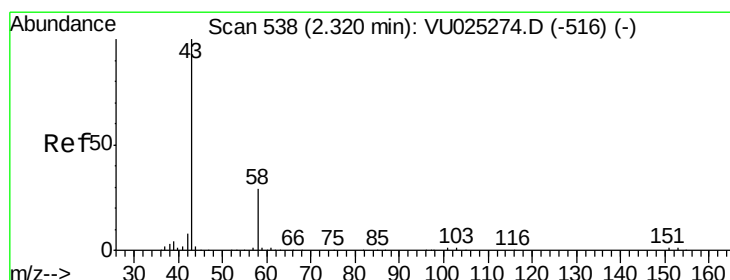
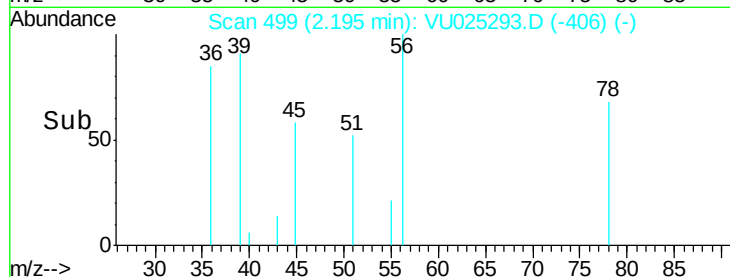
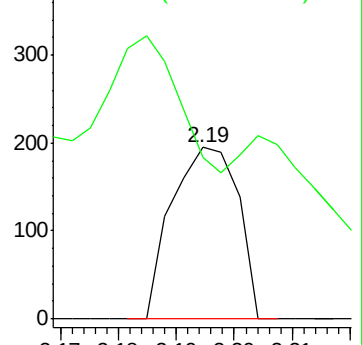
56 100

55 356.8 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#16

Acetone

Concen: 8.83 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025293.D

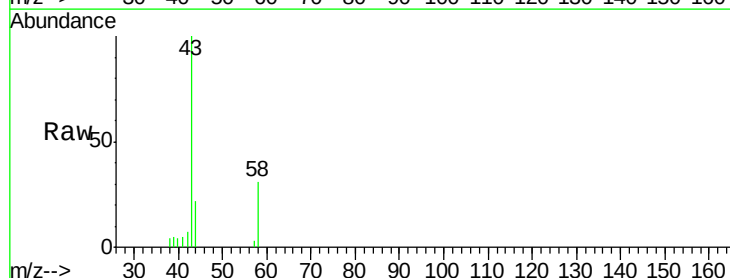
Acq: 10 Jul 2018 16:53

Tgt Ion: 43 Resp: 6498

Ion Ratio Lower Upper

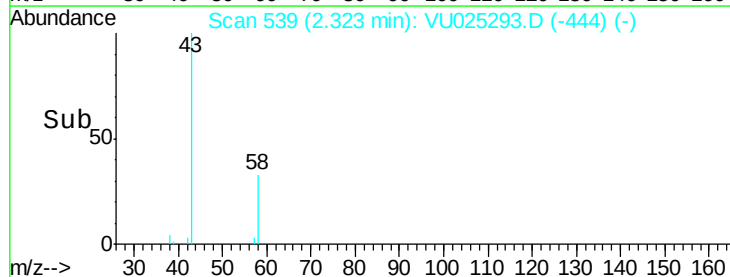
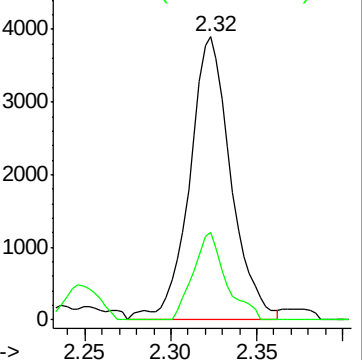
43 100

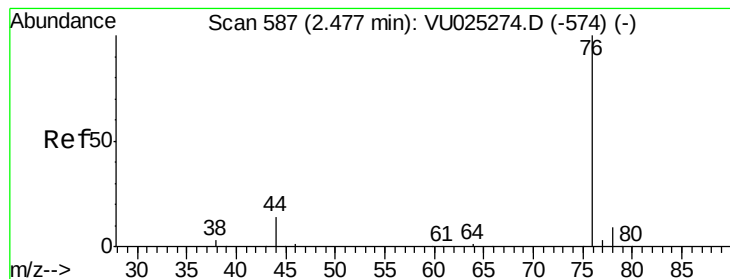
58 31.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 2.00 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

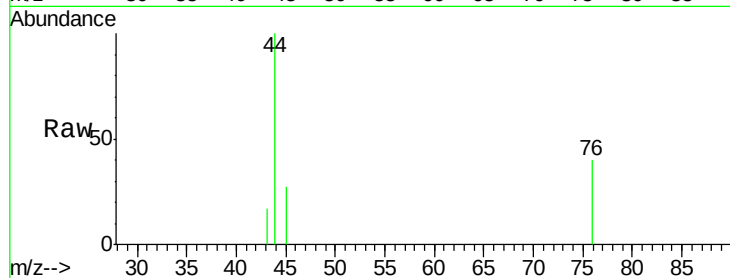
SS038MW077-180703

Tot Ion: 76 Resp: 417

Ion Ratio Lower Upper

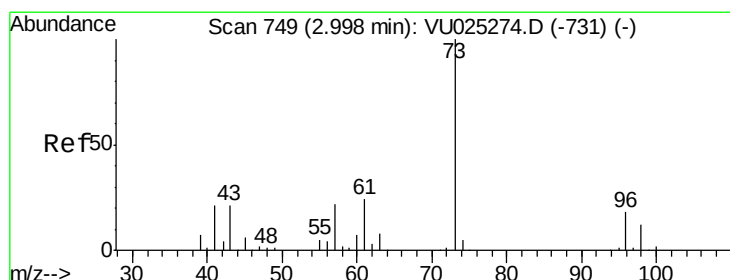
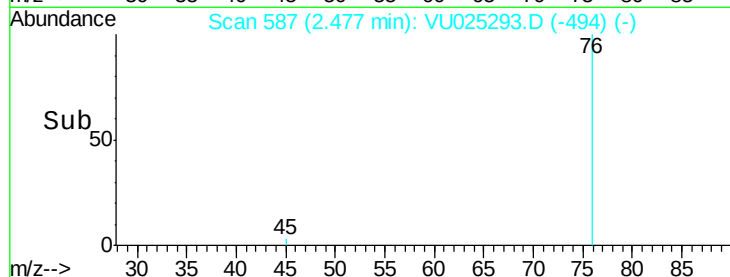
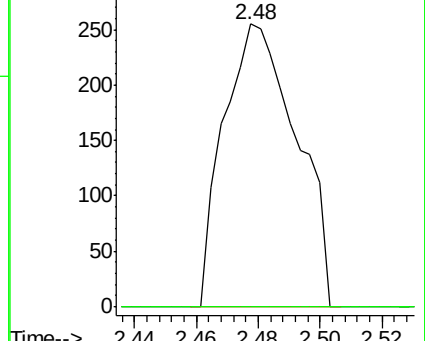
76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#19

Methyl tert-butyl Ether

Concen: 1.30 ug/l

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025293.D

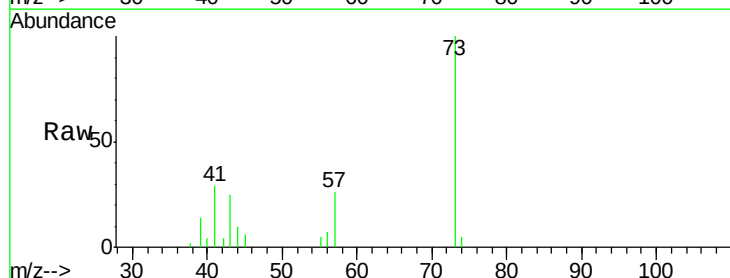
Acq: 10 Jul 2018 16:53

Tgt Ion: 73 Resp: 10152

Ion Ratio Lower Upper

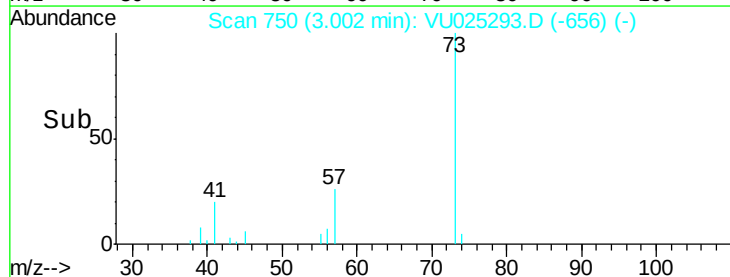
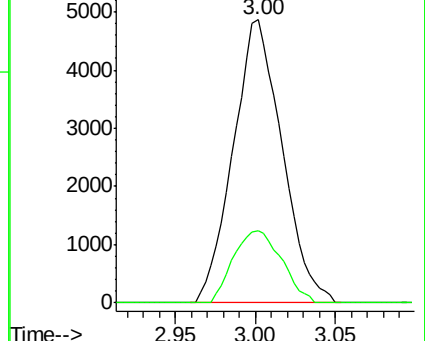
73 100

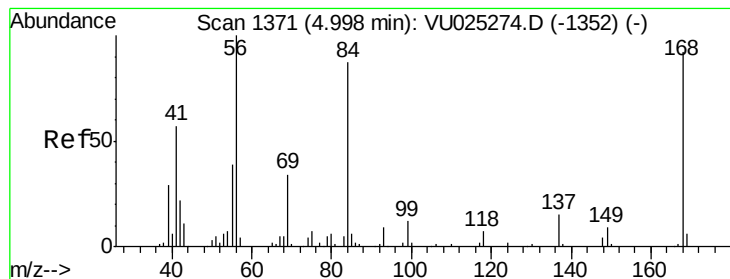
57 25.7 17.4 26.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#31

Cyclohexane

Concen: 2.04 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. -0.01 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

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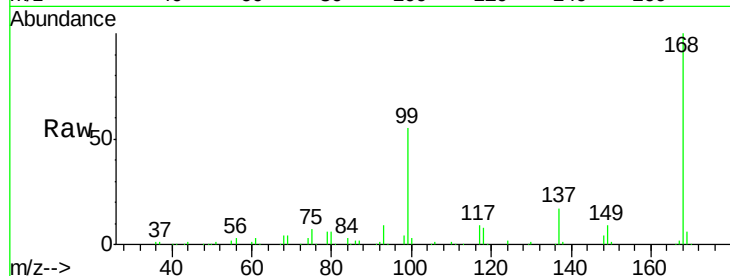
Tot Ion: 56 Resp: 5229

Ion Ratio Lower Upper

56 100

69 144.5 26.8 40.2#

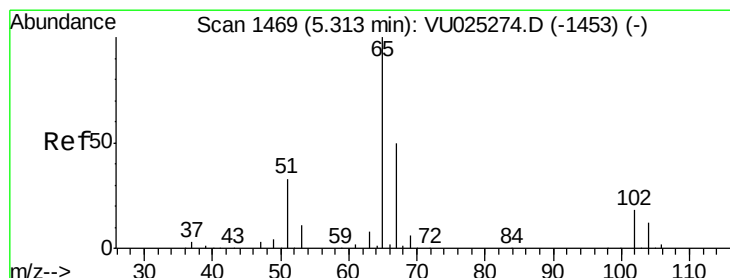
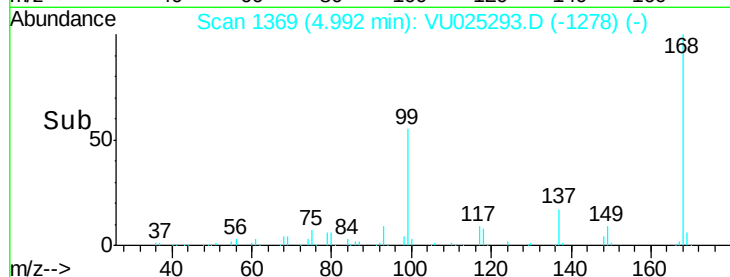
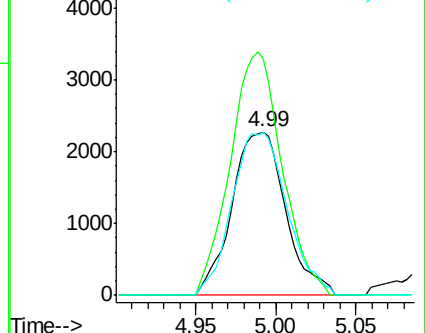
84 99.5 69.7 104.5



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



#33

1,2-Dichloroethane-d4

Concen: 48.88 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025293.D

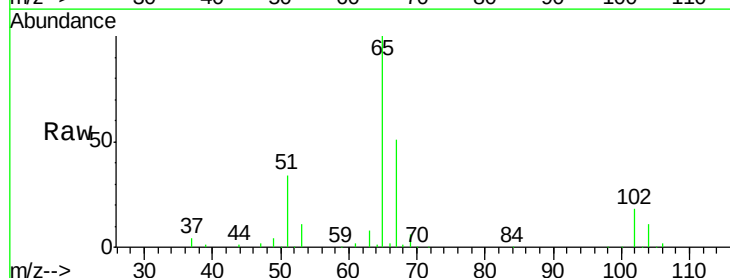
Acq: 10 Jul 2018 16:53

Tgt Ion: 65 Resp: 154062

Ion Ratio Lower Upper

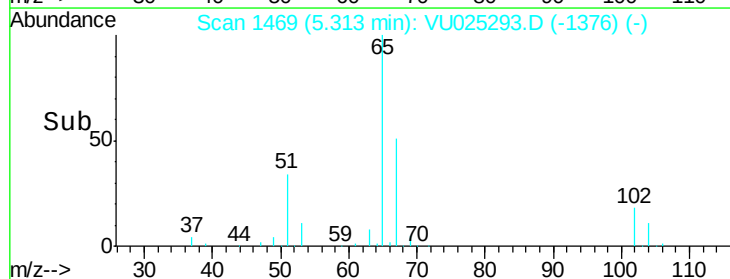
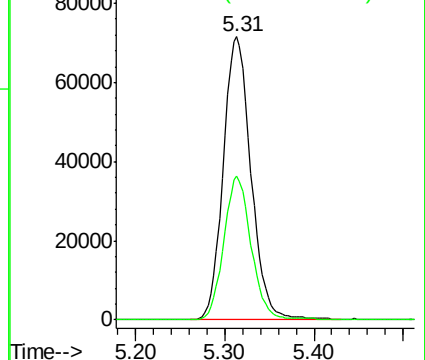
65 100

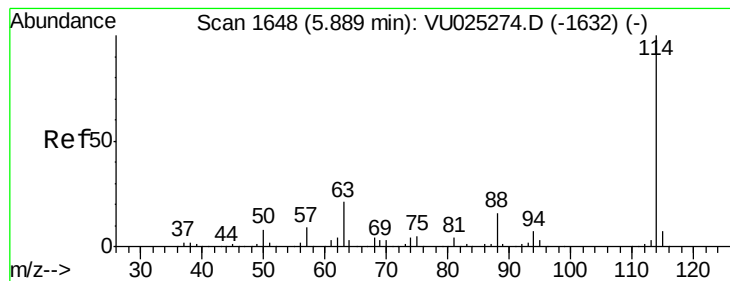
67 49.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

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SS038MW077-180703

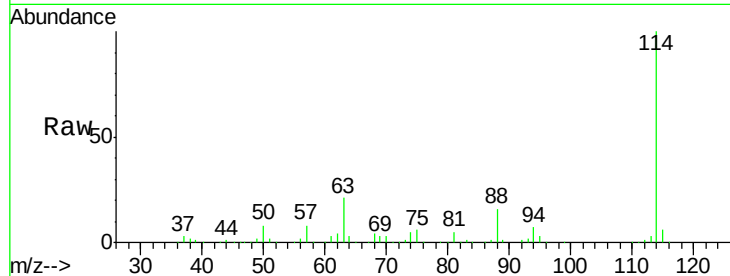
Tot Ion:114 Resp: 300028

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

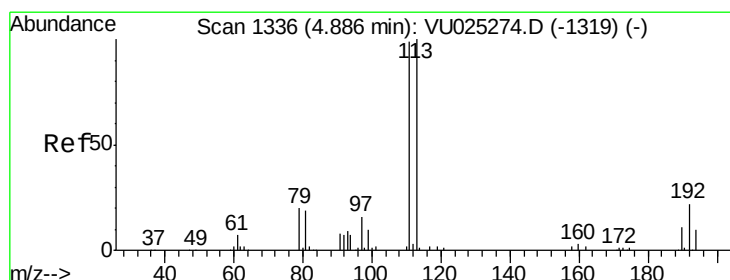
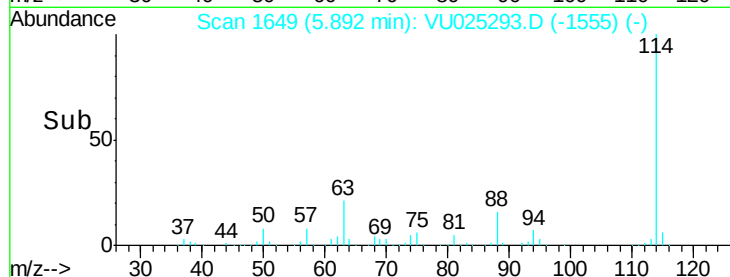
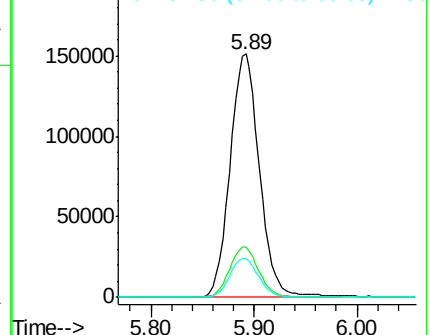
88 15.8 0.0 32.4



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: 46.10 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

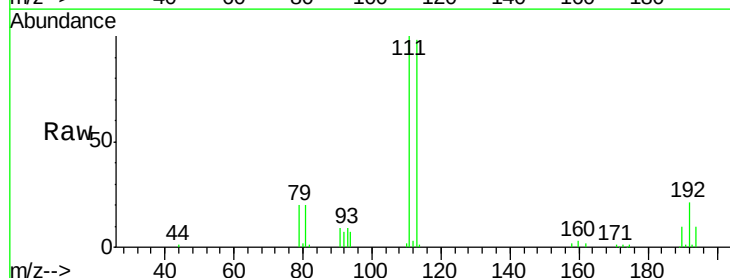
Tgt Ion:113 Resp: 116674

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

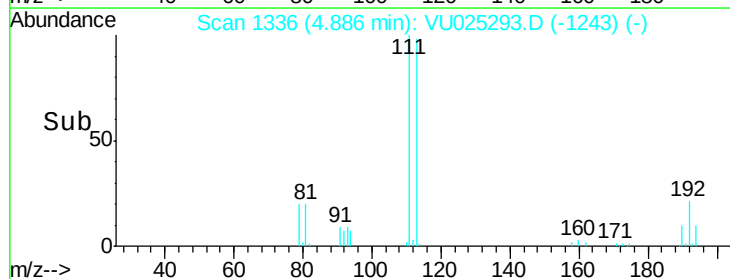
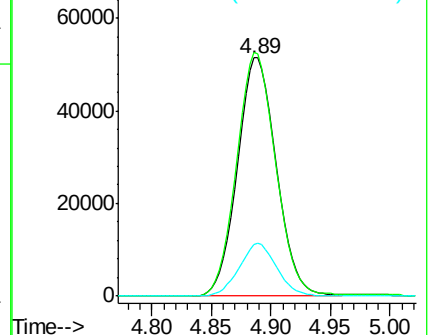
192 21.4 17.1 25.7

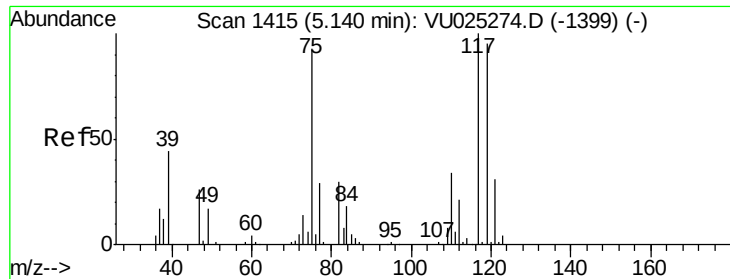


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.33 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

SS038MW077-180703

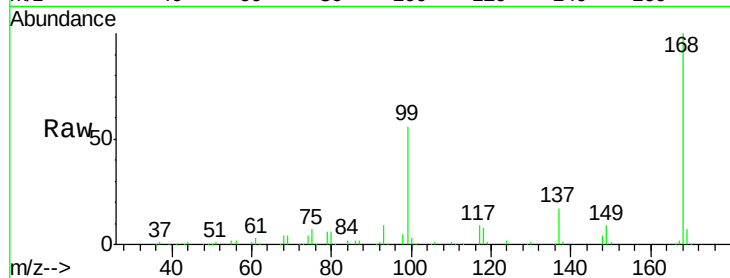
Tot Ion: 75 Resp: 14452

Ion Ratio Lower Upper

75 100

110 8.6 17.6 52.9#

77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-1399) (-)

Ion 109.90 (109.60 to 110.60): VU025274.D (-1399) (-)

Ion 76.90 (76.60 to 77.60): VU025274.D (-1399) (-)

Time-->

4.99

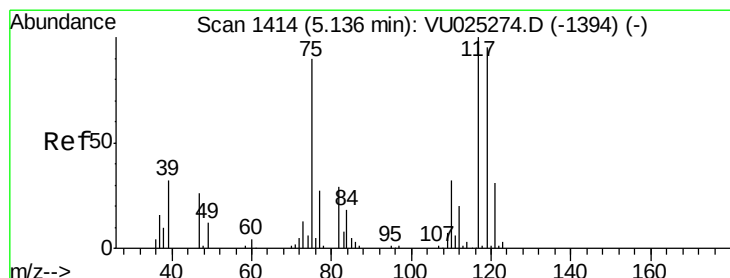
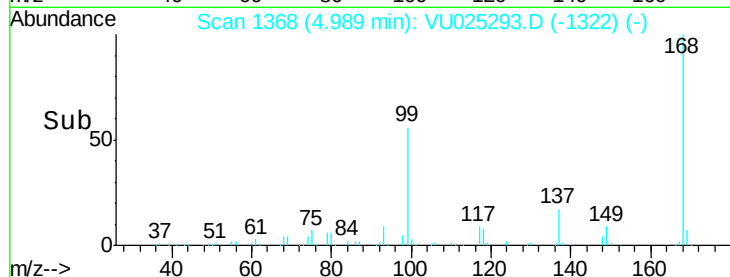
6000

4000

2000

0

4.90 4.95 5.00 5.05



#38

Carbon Tetrachloride

Concen: 5.29 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

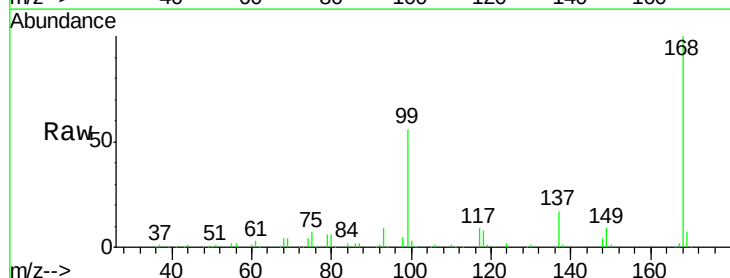
Tgt Ion: 117 Resp: 18989

Ion Ratio Lower Upper

117 100

119 5.6 75.7 113.5#

121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): VU025274.D (-1394) (-)

Ion 118.80 (118.50 to 119.50): VU025274.D (-1394) (-)

Ion 120.80 (120.50 to 121.50): VU025274.D (-1394) (-)

Time-->

4.99

10000

8000

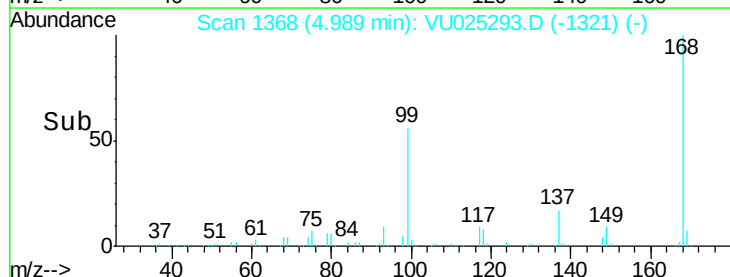
6000

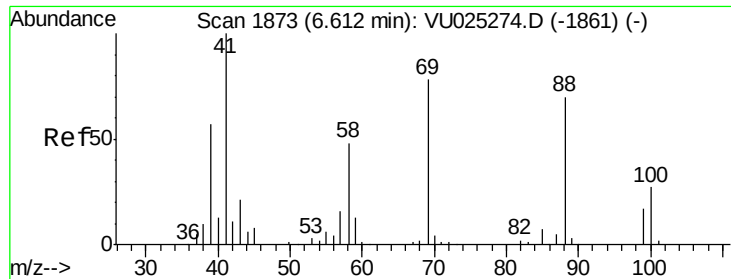
4000

2000

0

4.90 4.95 5.00 5.05

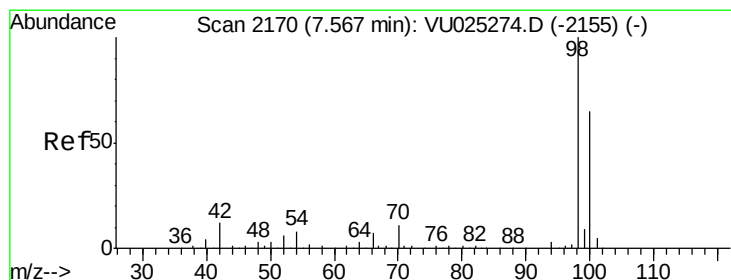
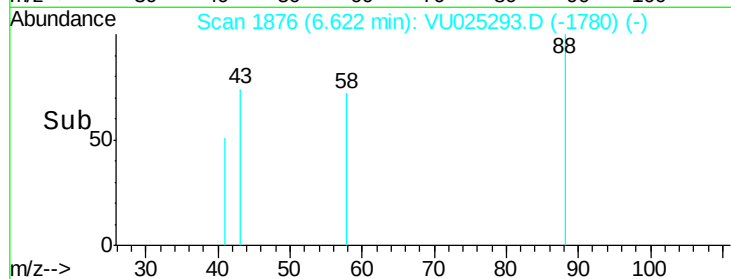
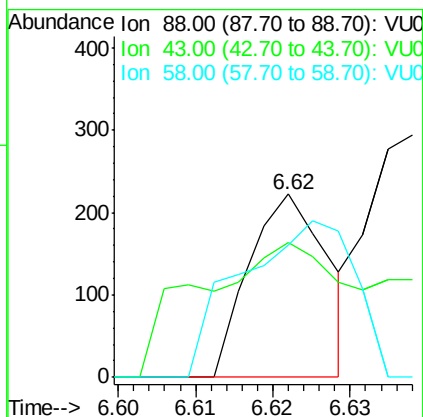
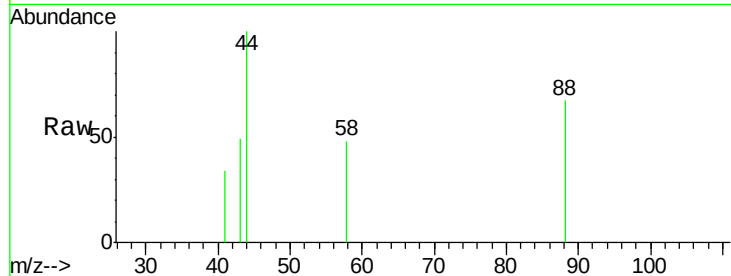




#49
1,4-Dioxane
Concen: 2.20 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

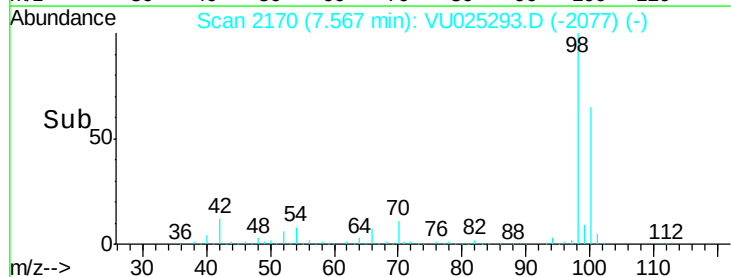
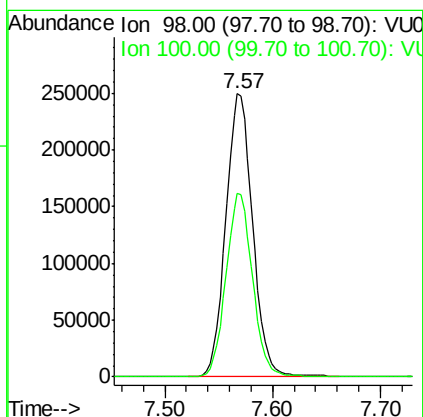
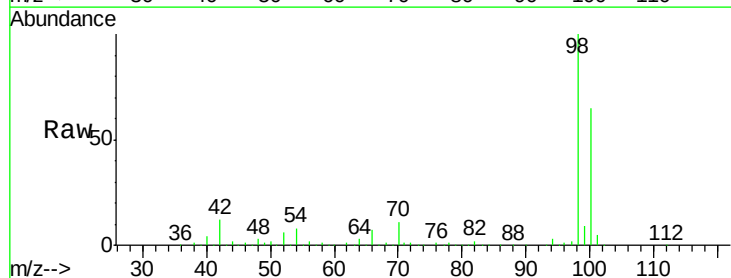
Instrument :
MSVOA_U
ClientSampleId :
SS038MW077-180703

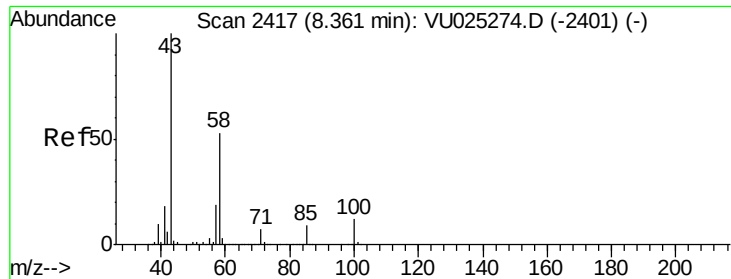
Tot Ion: 88 Resp: 157
Ion Ratio Lower Upper
88 100
43 136.9 27.3 40.9#
58 124.8 57.6 86.4#



#50
Toluene-d8
Concen: 50.06 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

Tgt Ion: 98 Resp: 433862
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

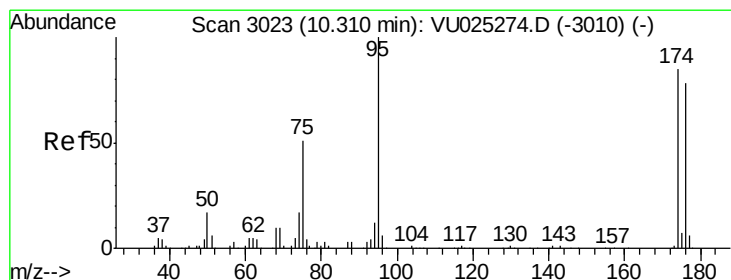
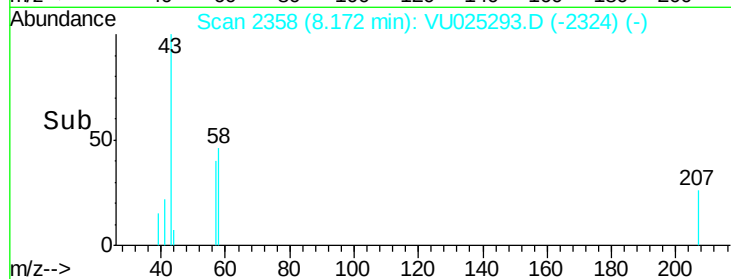
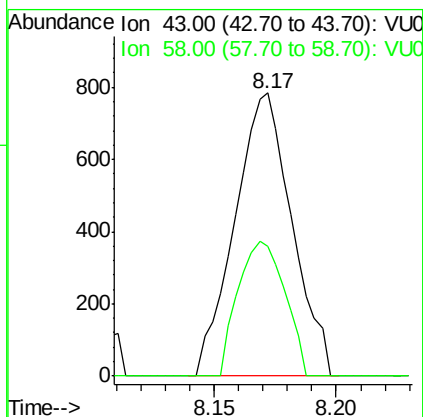
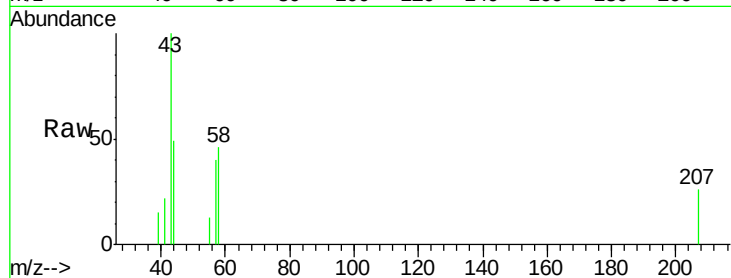




#59
2-Hexanone
Concen: 0.41 ug/l
RT: 8.17 min Scan# 2358
Delta R.T. -0.19 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

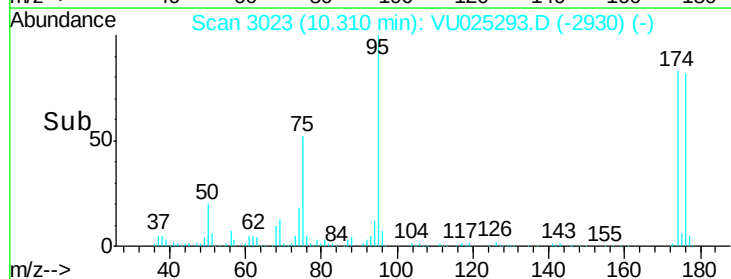
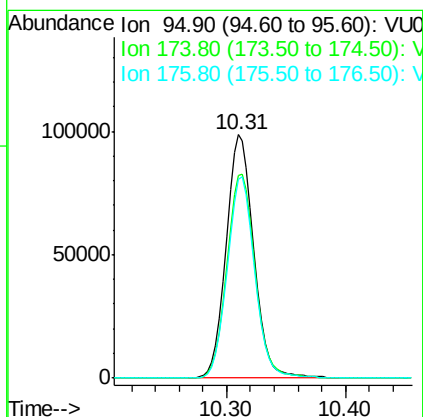
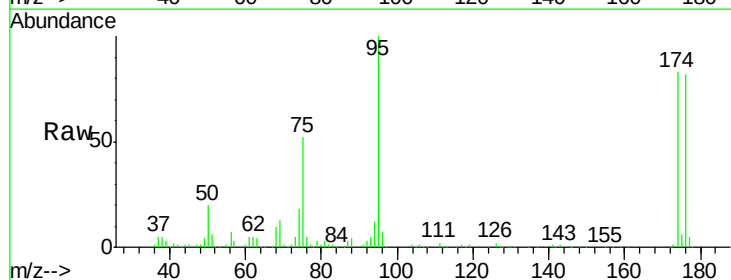
Instrument :
MSVOA_U
ClientSampleId :
SS038MW077-180703

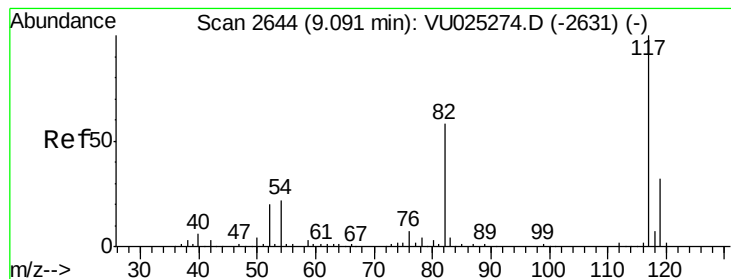
Tot Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 39.1 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 45.37 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

Tgt Ion: 95 Resp: 158329
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.2
176 82.5 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

SS038MW077-180703

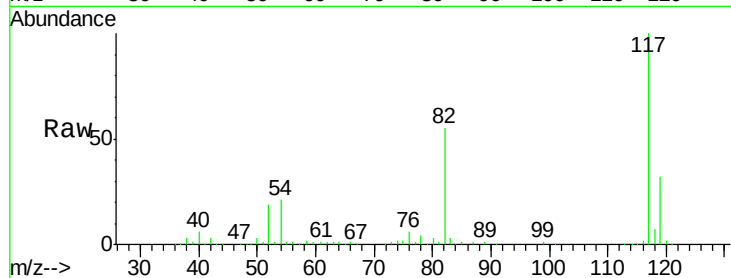
Tot Ion:117 Resp: 282725

Ion Ratio Lower Upper

117 100

82 54.7 46.0 69.0

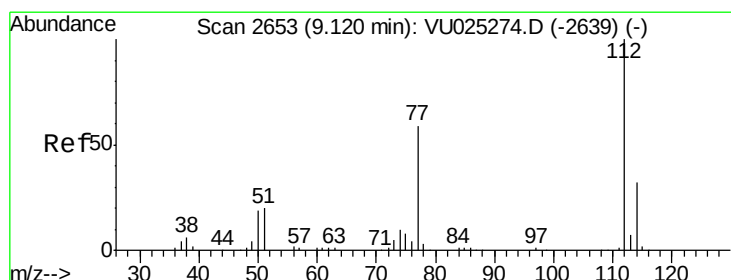
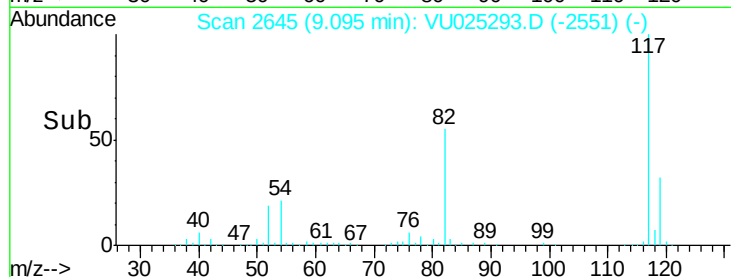
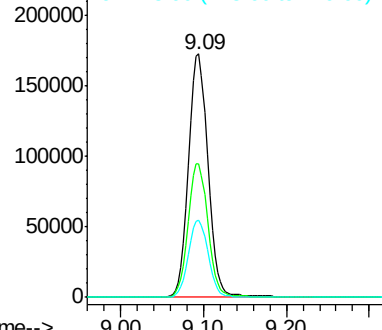
119 31.7 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 0.71 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025293.D

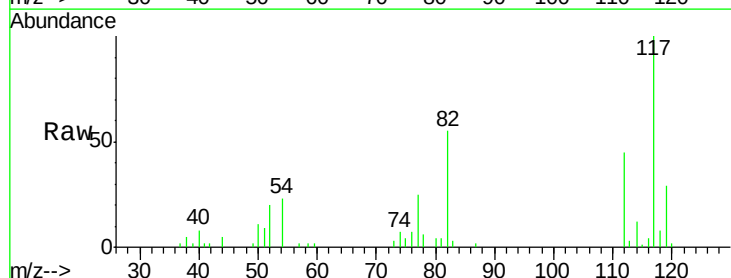
Acq: 10 Jul 2018 16:53

Tgt Ion:112 Resp: 4994

Ion Ratio Lower Upper

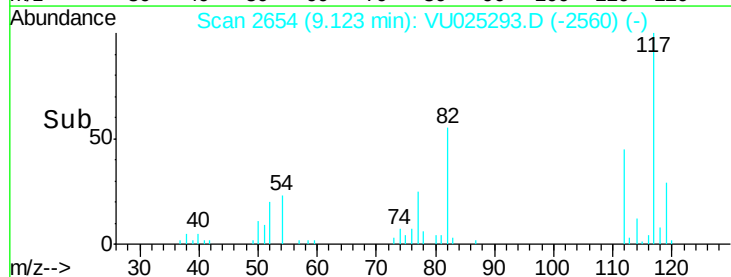
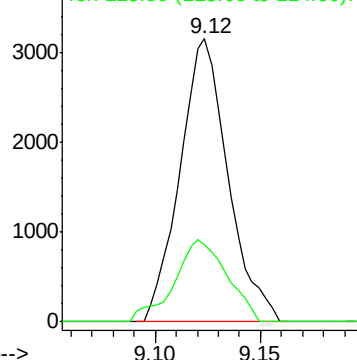
112 100

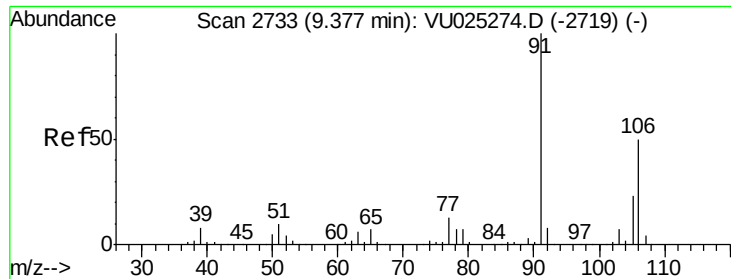
114 27.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

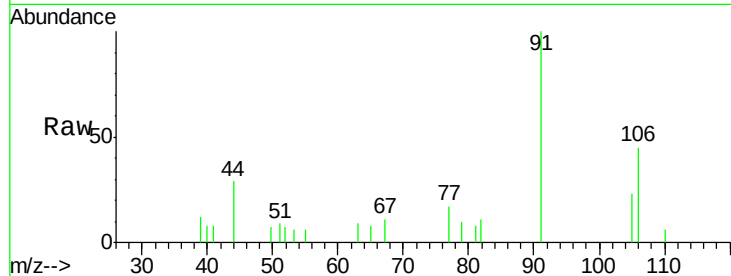




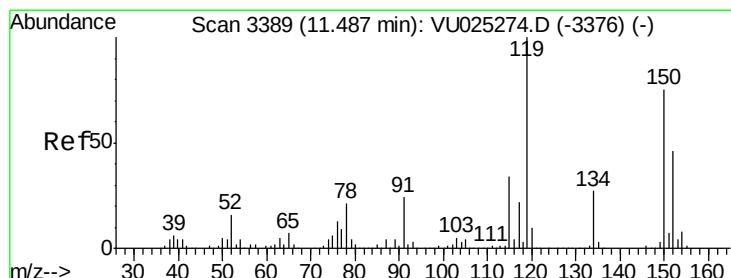
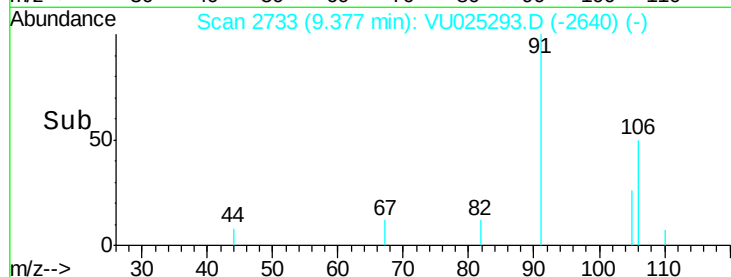
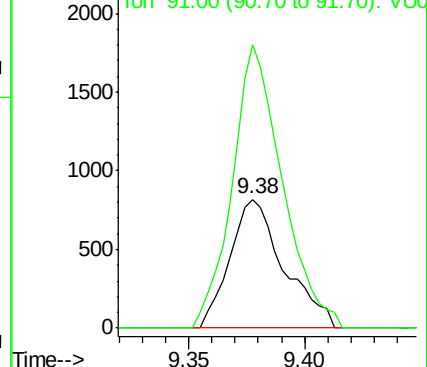
#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

Instrument :
MSVOA_U
ClientSampleId :
SS038MW077-180703

Tot Ion:106 Resp: 1321
Ion Ratio Lower Upper
106 100
91 203.9 162.3 243.5

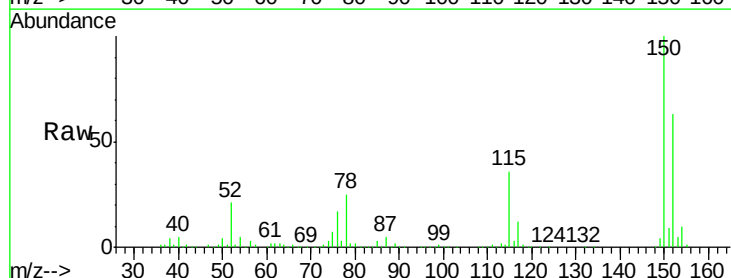


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

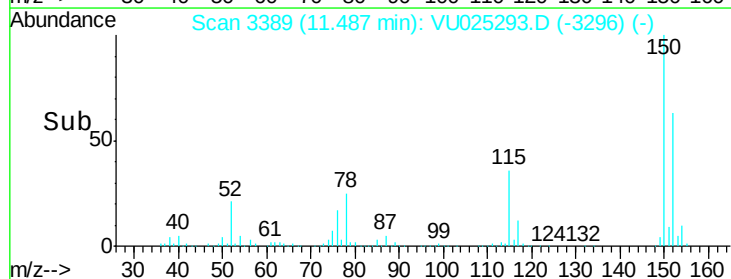
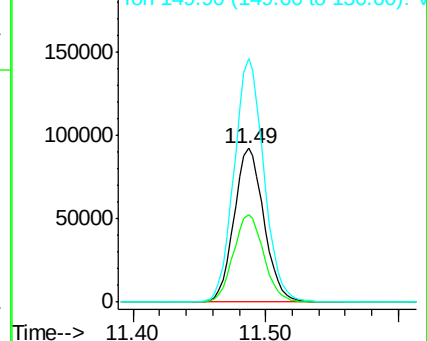


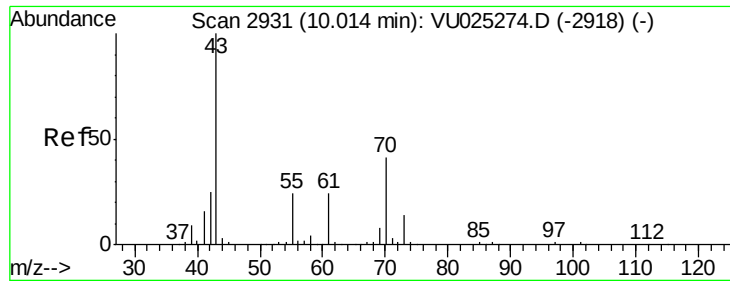
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

Tgt Ion:152 Resp: 145583
Ion Ratio Lower Upper
152 100
115 57.6 40.1 120.3
150 156.6 0.0 351.4



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





#74

N-amvl acetate

Concen: 1.72 ug/l

RT: 10.08 min Scan# 2951

Delta R.T. 0.06 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

SS038MW077-180703

Tot Ion: 43 Resp: 2110

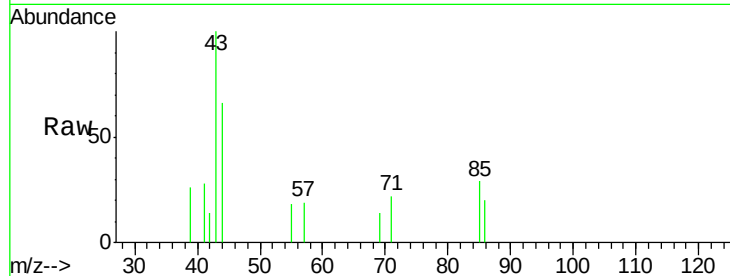
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 4.6 19.0 28.6#

61 0.0 19.3 28.9#

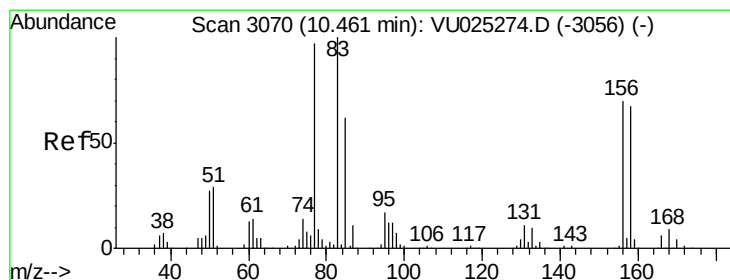
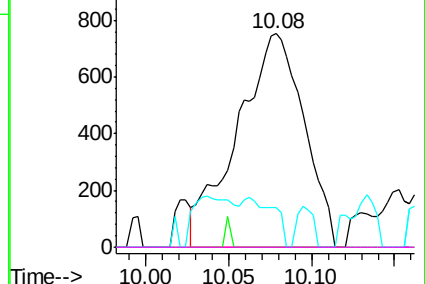
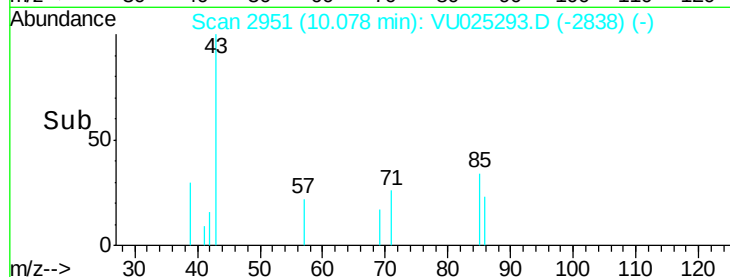


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 0.33 ug/l

RT: 10.58 min Scan# 3106

Delta R.T. 0.12 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

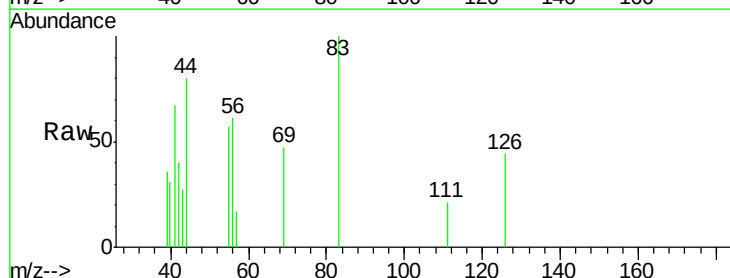
Tgt Ion: 83 Resp: 1198

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

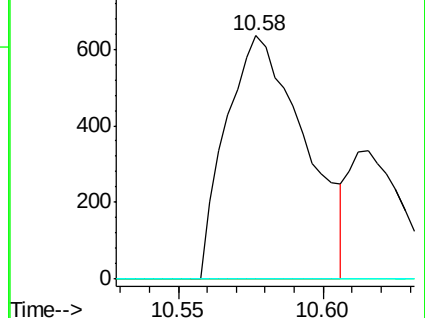
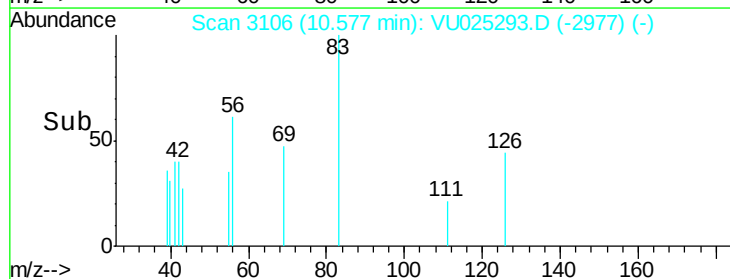
85 0.0 31.6 94.8#

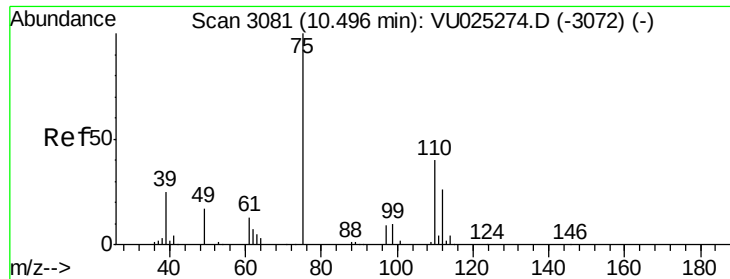


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

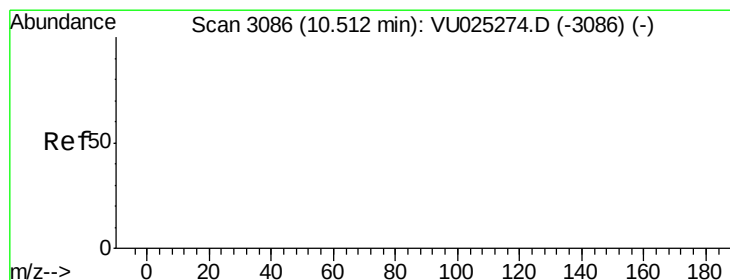
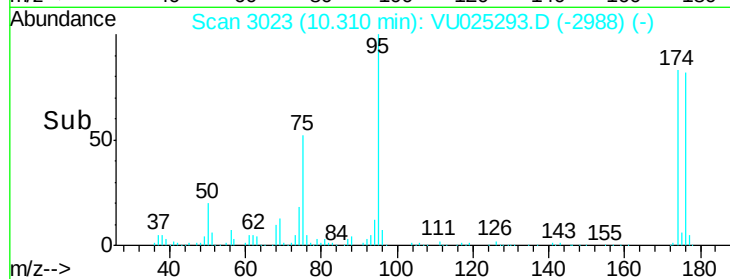
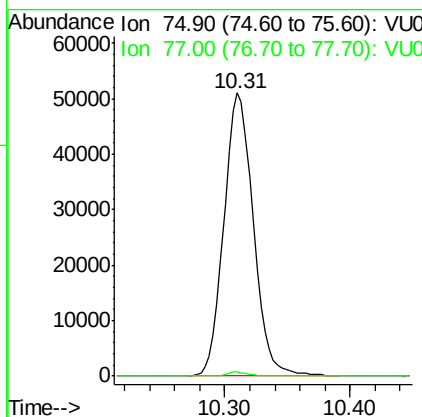
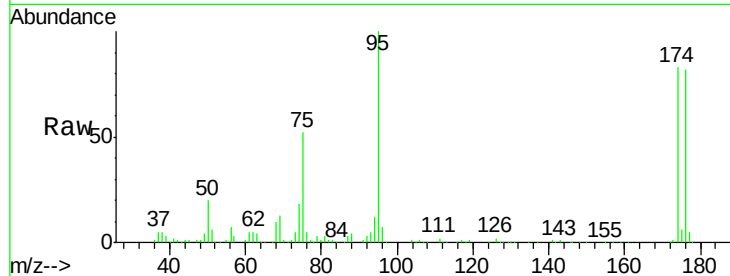




#76
 1,2,3-Trichloropropane
 Concen: 28.04 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025293.D
 Acq: 10 Jul 2018 16:53

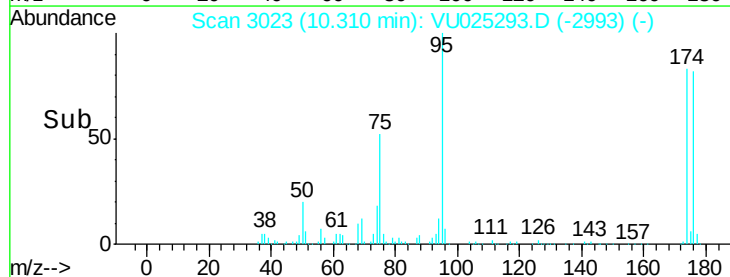
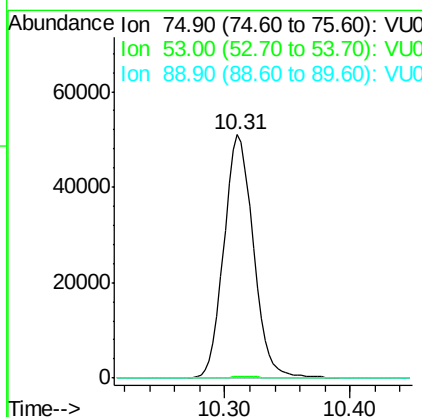
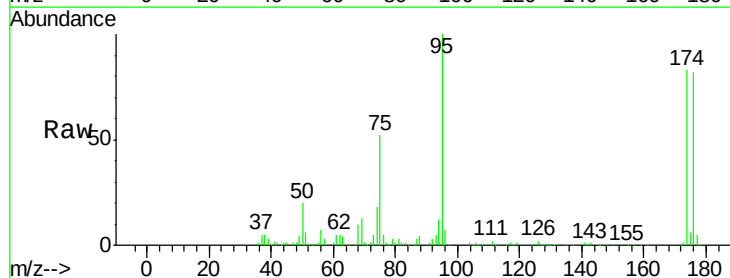
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW077-180703

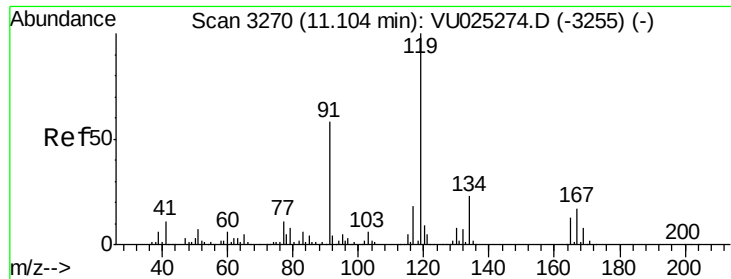
Tot Ion: 75 Resp: 83080
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.4 61.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.63 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU025293.D
 Acq: 10 Jul 2018 16:53

Tgt Ion: 75 Resp: 83080
 Ion Ratio Lower Upper
 75 100
 53 0.7 0.0 0.0#
 89 0.0 0.0 0.0

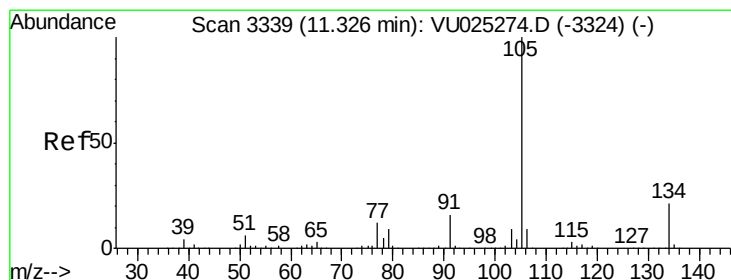
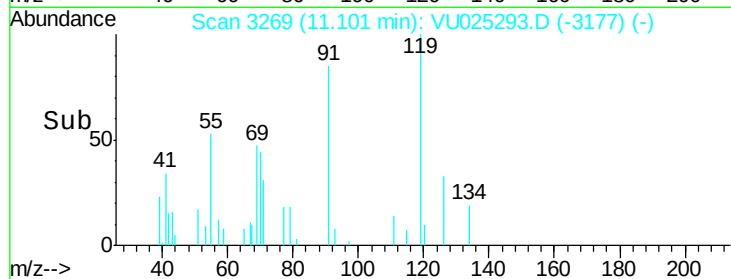
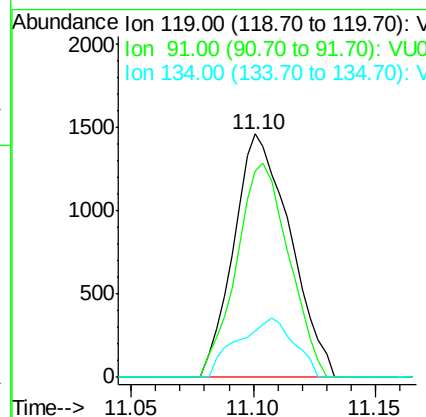
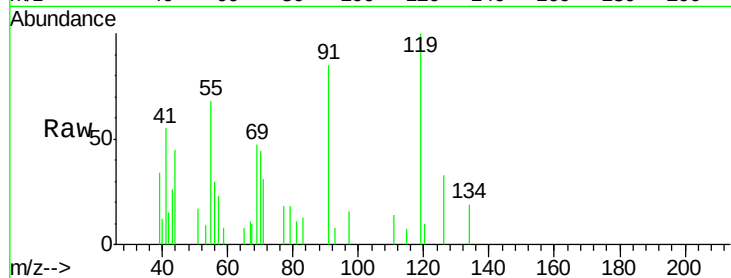




#83
tert-Butylbenzene
Concen: 0.25 ug/l
RT: 11.10 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

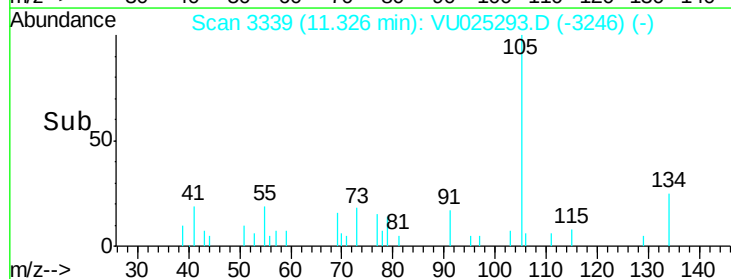
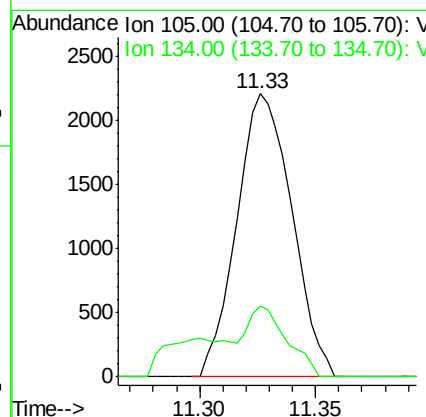
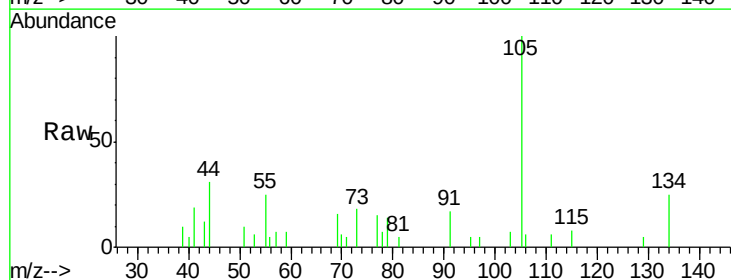
Instrument :
MSVOA_U
ClientSampleId :
SS038MW077-180703

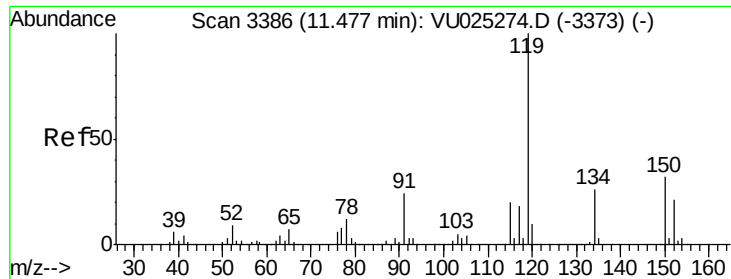
Tot Ion:119 Resp: 2342
Ion Ratio Lower Upper
119 100
91 81.5 29.7 89.1
134 24.5 11.5 34.5



#85
sec-Butylbenzene
Concen: 0.33 ug/l
RT: 11.33 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VU025293.D
Acq: 10 Jul 2018 16:53

Tgt Ion:105 Resp: 3653
Ion Ratio Lower Upper
105 100
134 18.1 10.3 30.8

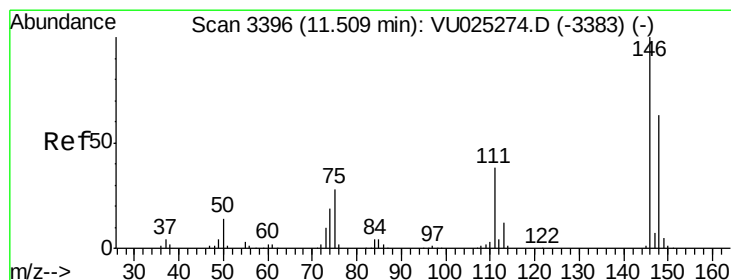
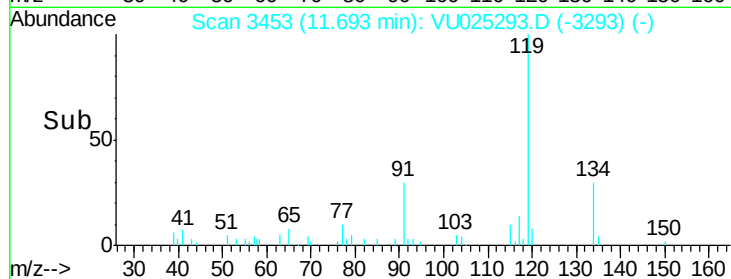
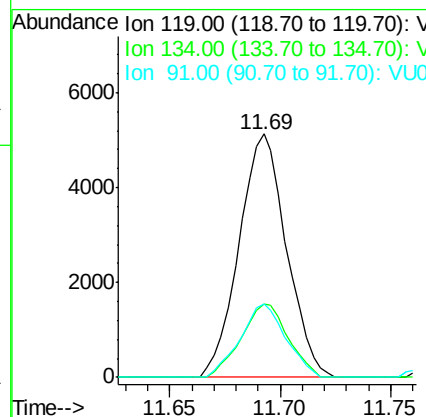
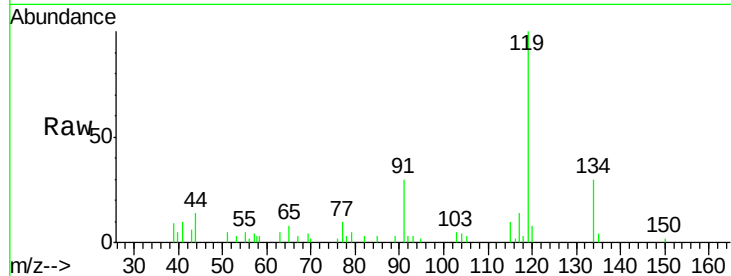




#86
 p-Isopropyltoluene
 Concen: 0.77 ug/l
 RT: 11.69 min Scan# 3453
 Delta R.T. 0.22 min
 Lab File: VU025293.D
 Acq: 10 Jul 2018 16:53

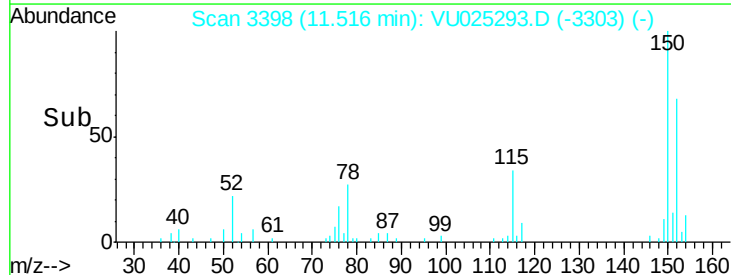
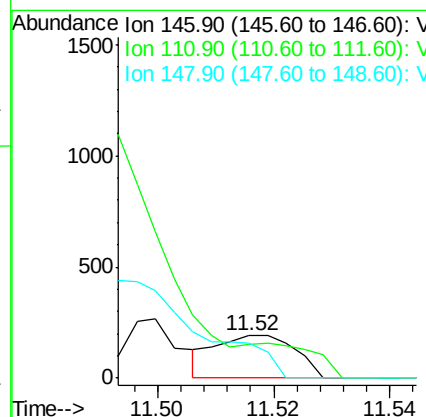
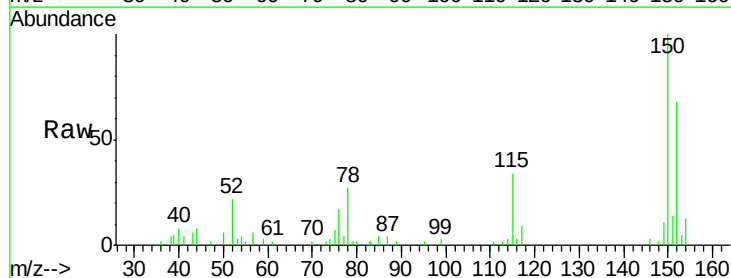
Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW077-180703

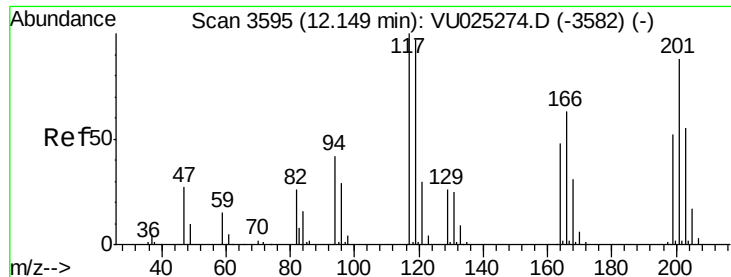
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.0	13.2	39.5
91	29.1	12.0	36.1



#88
 1,4-Dichlorobenzene
 Concen: 1.52 ug/l
 RT: 11.52 min Scan# 3398
 Delta R.T. 0.01 min
 Lab File: VU025293.D
 Acq: 10 Jul 2018 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.1#
148	0.0	31.7	95.1#





#90

Hexachloroethane

Concen: 0.87 ug/l

RT: 12.26 min Scan# 3628

Delta R.T. 0.11 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

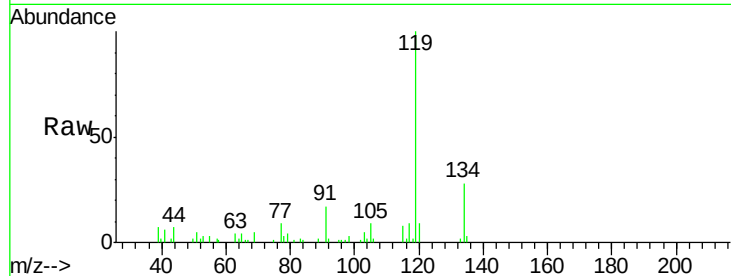
SS038MW077-180703

Tot Ion:117 Resp: 1452

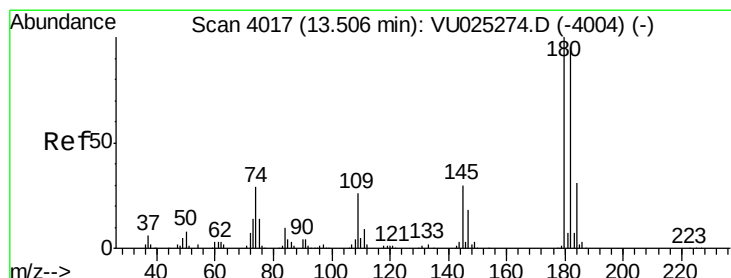
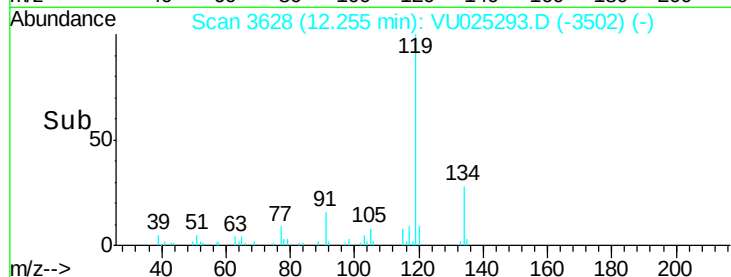
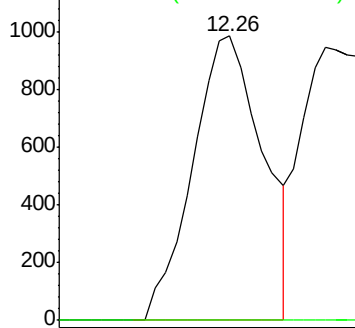
Ion Ratio Lower Upper

117 100

201 0.0 42.5 127.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 3.33 ug/l

RT: 13.51 min Scan# 4019

Delta R.T. 0.01 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

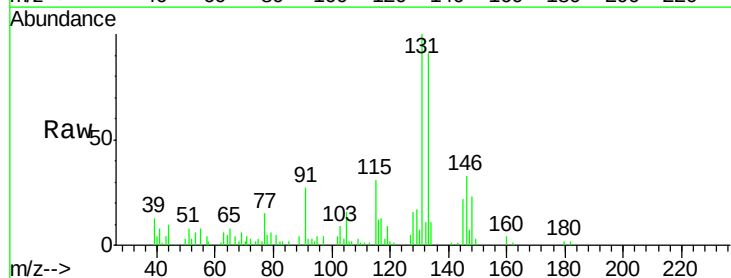
Tgt Ion:180 Resp: 162

Ion Ratio Lower Upper

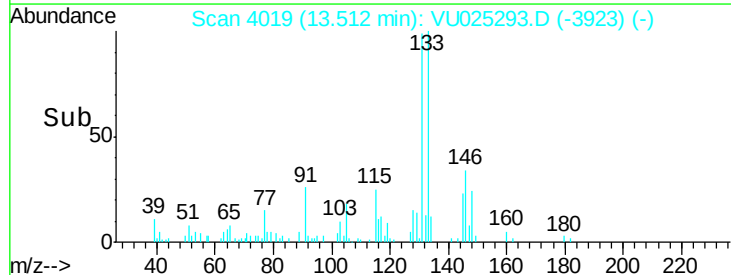
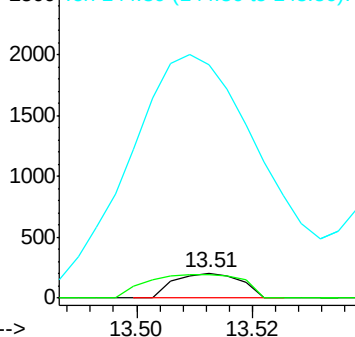
180 100

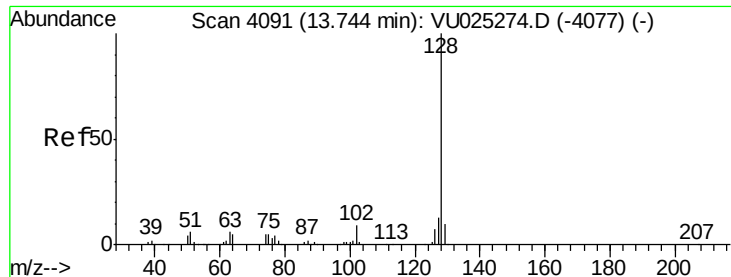
182 138.3 47.3 141.9

145 2005.6 14.9 44.7#



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





#95

Naphthalene

Concen: 2.82 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

SS038MW077-180703

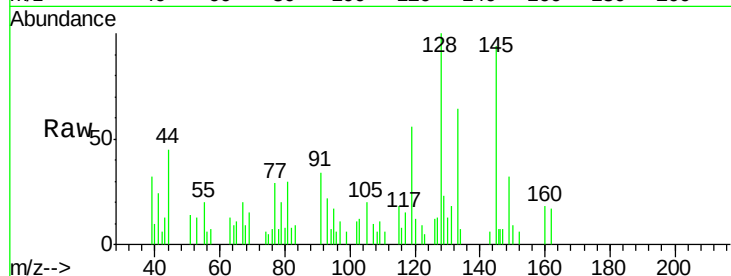
Tot Ion:128 Resp: 4587

Ion Ratio Lower Upper

128 100

127 14.9 10.5 15.7

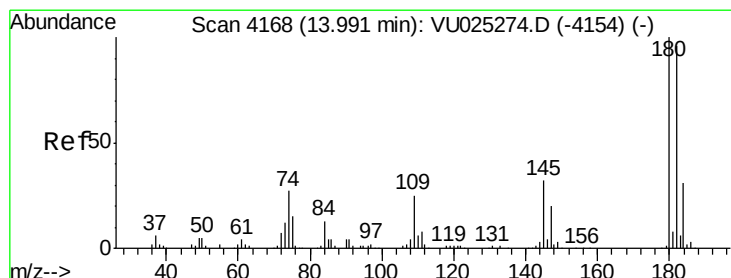
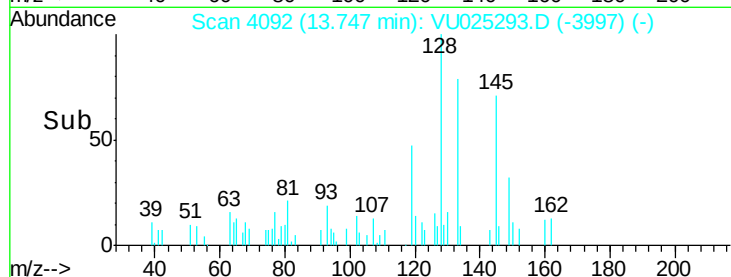
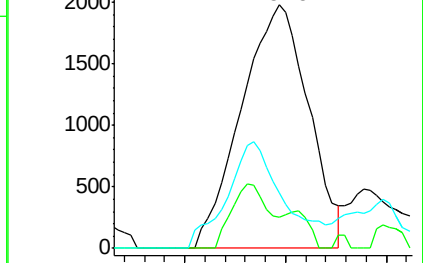
129 36.7 8.3 12.5#



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: 2.58 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025293.D

Acq: 10 Jul 2018 16:53

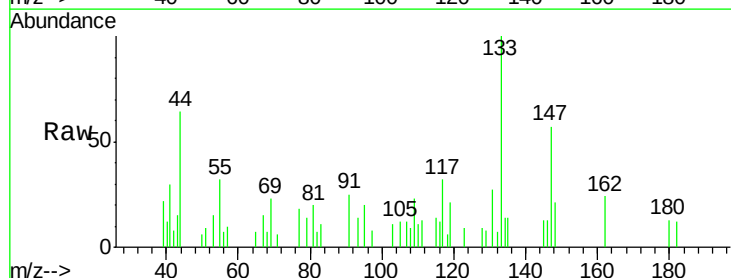
Tgt Ion:180 Resp: 196

Ion Ratio Lower Upper

180 100

182 123.5 47.8 143.3

145 0.0 15.6 46.8#



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

