

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024578.D
 Acq On : 15 Jun 2018 06:45
 Operator : MD/SY
 Sample : J3478-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW638-180612

Quant Time: Jun 15 08:36:48 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

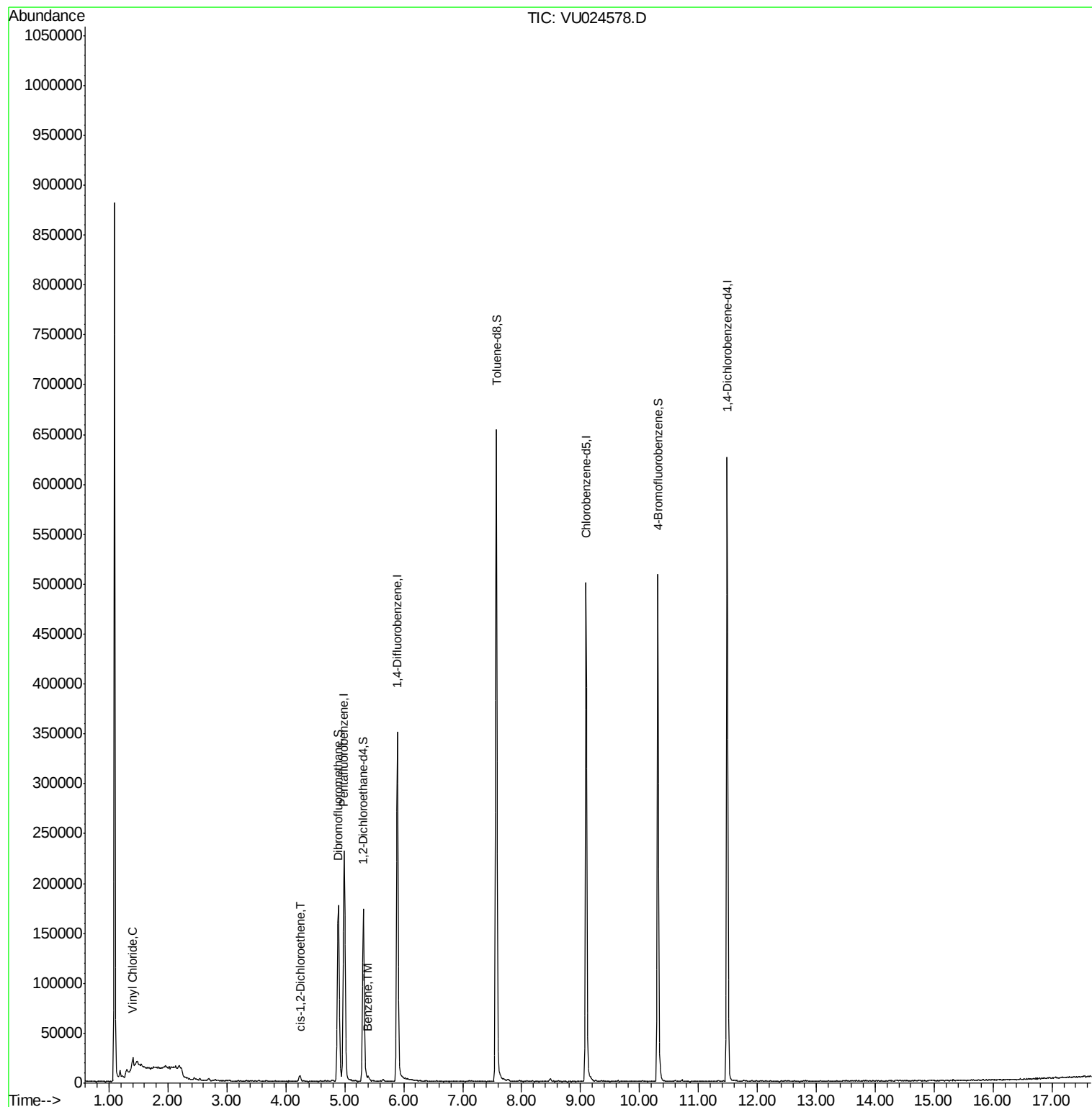
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	191016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	307495	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	169301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	132921	42.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.26%	
35) Dibromofluoromethane	4.89	113	119598	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	7.57	98	450614	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	10.31	95	170972	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
Target Compounds						
4) Vinyl Chloride	1.41	62	3599	1.429	ug/l #	85
27) cis-1,2-Dichloroethene	4.24	96	3637	1.321	ug/l	77
40) Benzene	5.40	78	3515	0.341	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024578.D

Acq: 15 Jun 2018 06:45

Instrument :

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ClientSampleId :

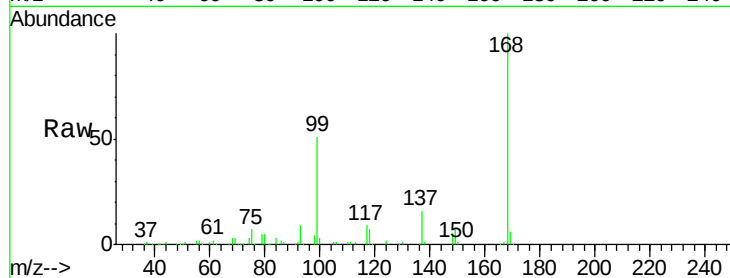
SS050MW638-180612

Tot Ion:168 Resp: 191016

Ion Ratio Lower Upper

168 100

99 50.6 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

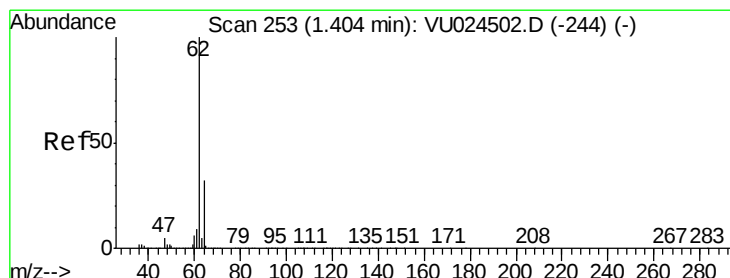
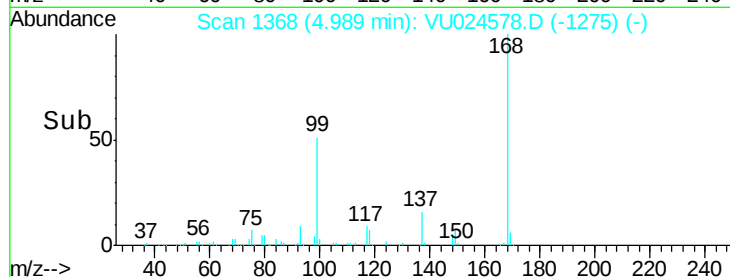
40000

20000

0

4.90 5.00 5.10

Time-->



#4

Vinyl Chloride

Concen: 1.429 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024578.D

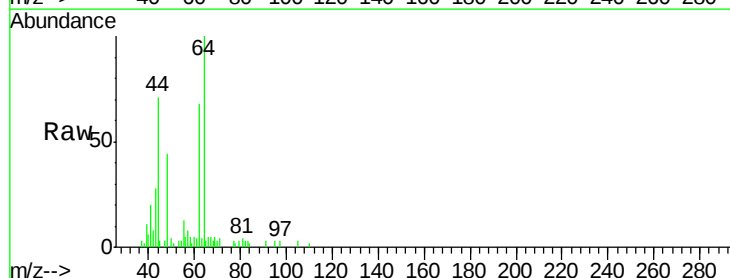
Acq: 15 Jun 2018 06:45

Tgt Ion: 62 Resp: 3599

Ion Ratio Lower Upper

62 100

64 39.0 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

1.41

6000

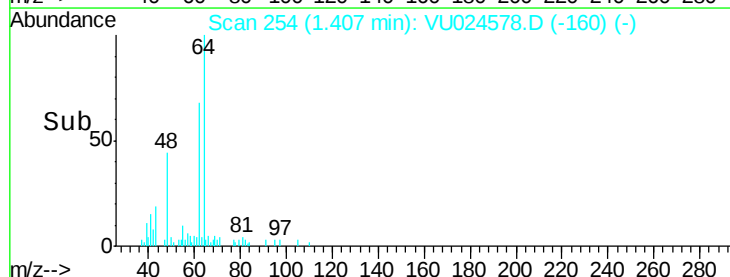
4000

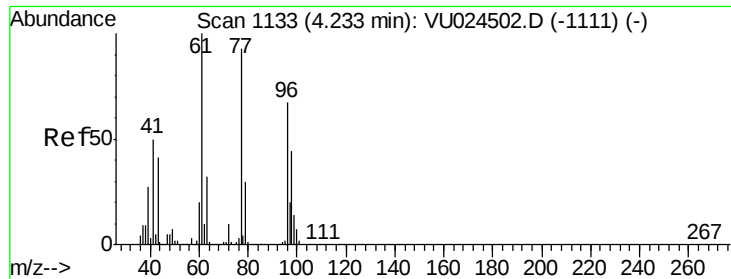
2000

0

1.38 1.40 1.42 1.44

Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.321 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024578.D

Acq: 15 Jun 2018 06:45

Instrument :

MSVOA_U

ClientSampleId :

SS050MW638-180612

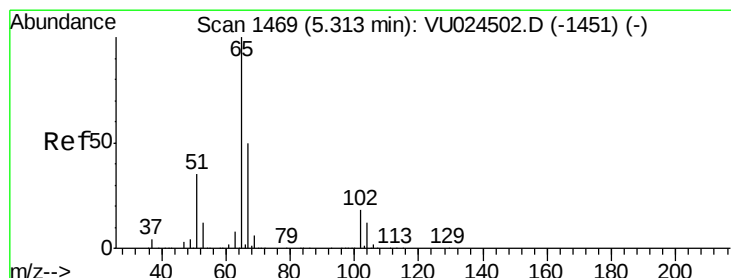
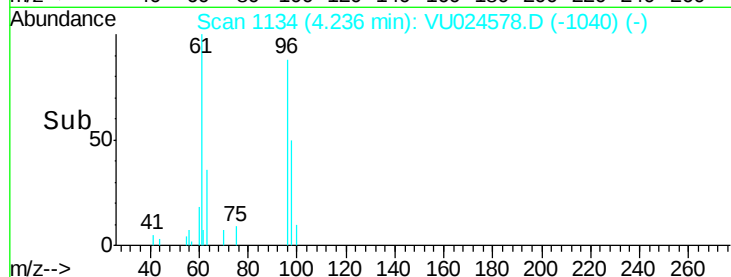
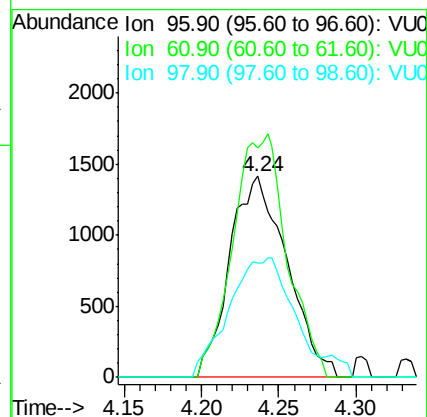
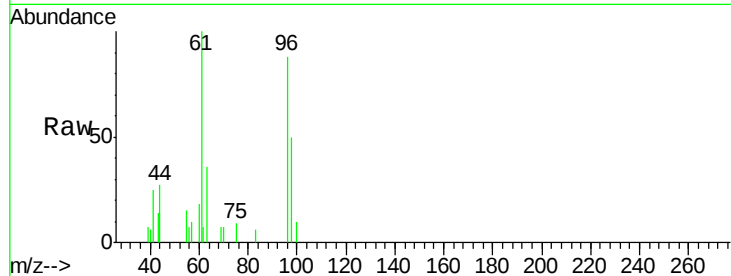
Tot Ion: 96 Resp: 3637

Ion Ratio Lower Upper

96 100

61 114.3 0.0 306.6

98 69.6 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 42.625 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU024578.D

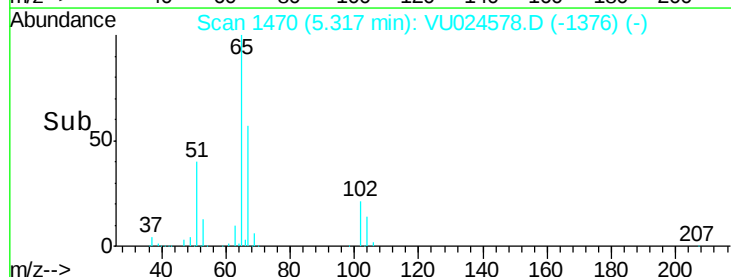
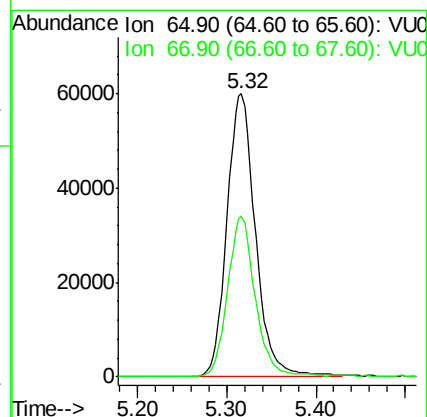
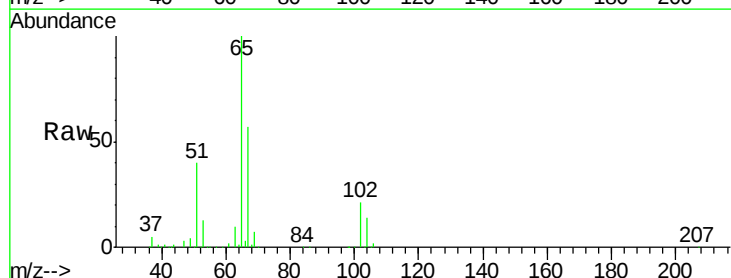
Acq: 15 Jun 2018 06:45

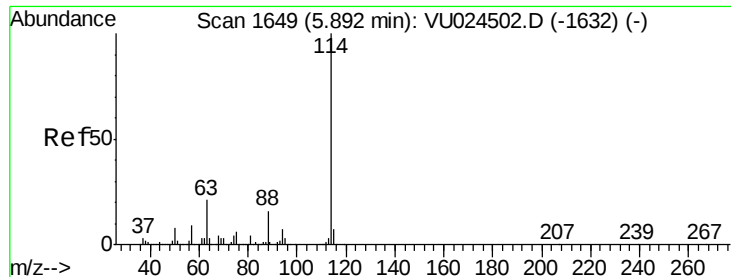
Tgt Ion: 65 Resp: 132921

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.0

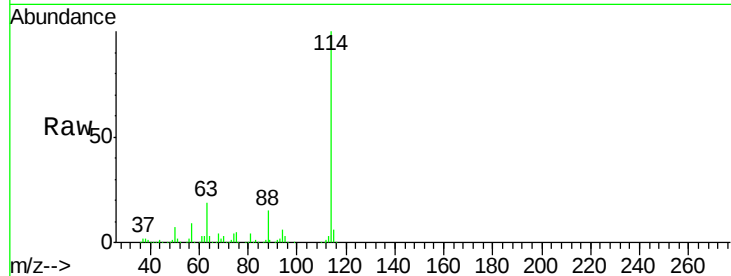




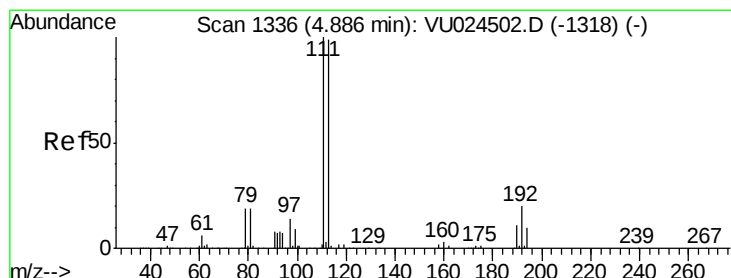
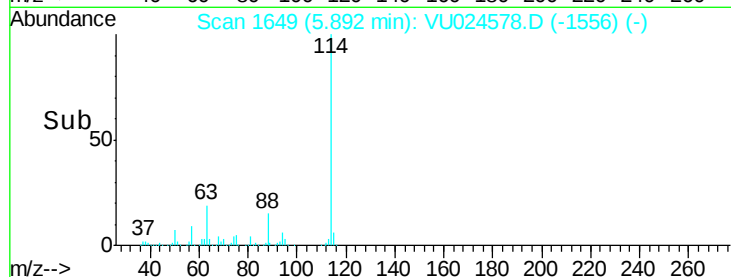
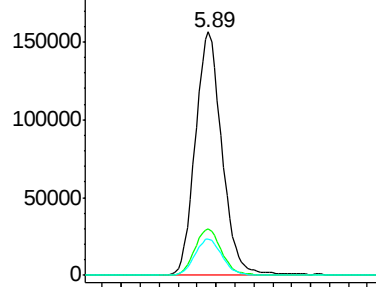
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU024578.D
Acq: 15 Jun 2018 06:45

Instrument :
MSVOA_U
ClientSampleId :
SS050MW638-180612

Tot Ion:114	Resp:	307495
Ion Ratio	Lower	Upper
114 100		
63 18.9	0.0	45.4
88 15.1	0.0	31.0

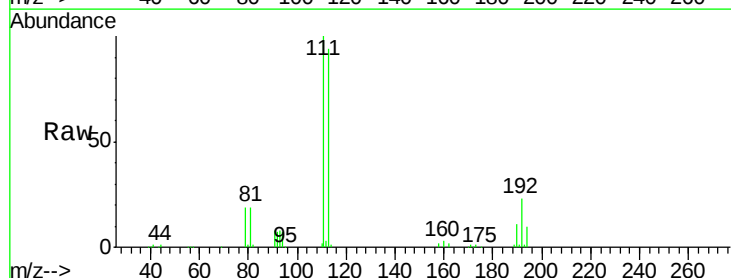


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

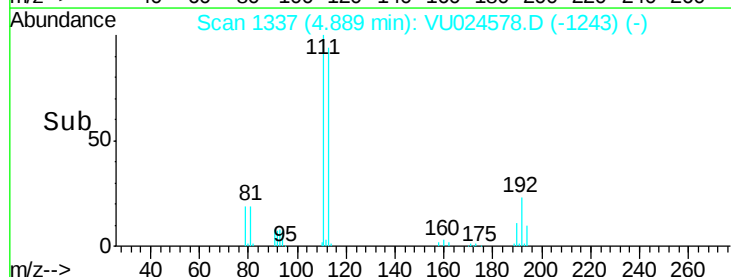
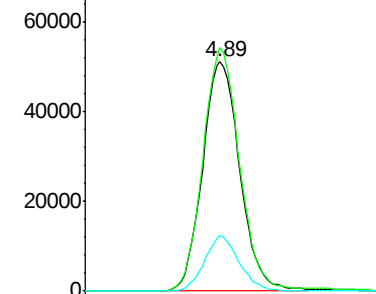


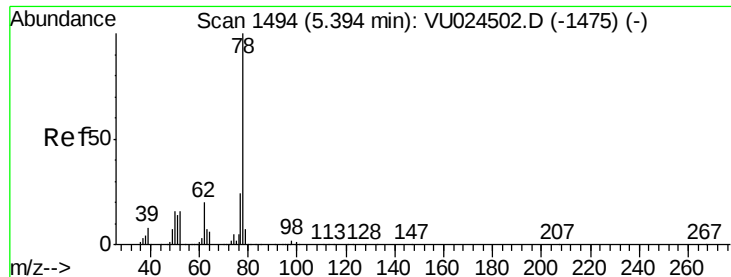
#35
Dibromofluoromethane
Concen: 46.865 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024578.D
Acq: 15 Jun 2018 06:45

Tgt Ion:113	Resp:	119598
Ion Ratio	Lower	Upper
113 100		
111 103.6	82.2	123.4
192 22.4	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





#40

Benzene

Concen: 0.341 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU024578.D

Acq: 15 Jun 2018 06:45

Instrument :

MSVOA_U

ClientSampleId :

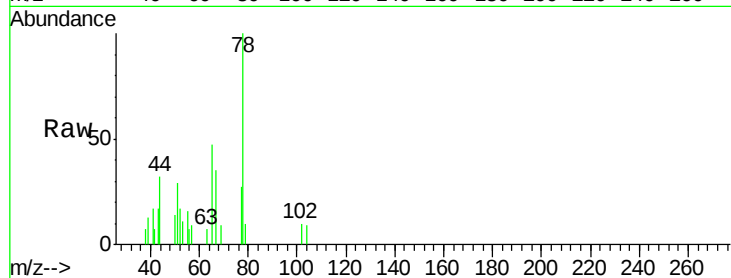
SS050MW638-180612

Tot Ion: 78 Resp: 3515

Ion Ratio Lower Upper

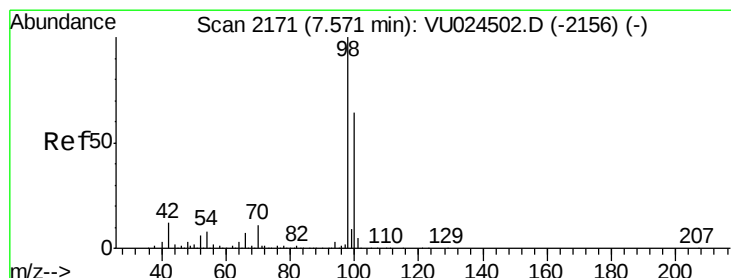
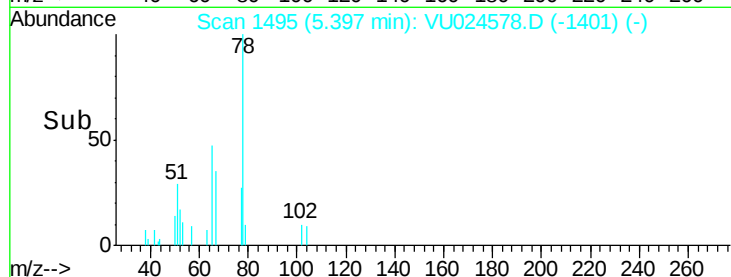
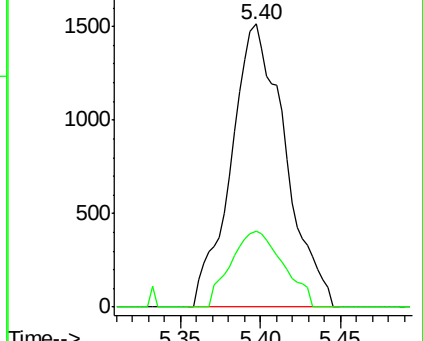
78 100

77 26.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 48.409 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024578.D

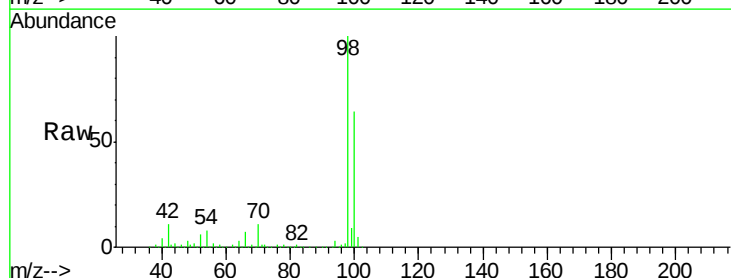
Acq: 15 Jun 2018 06:45

Tgt Ion: 98 Resp: 450614

Ion Ratio Lower Upper

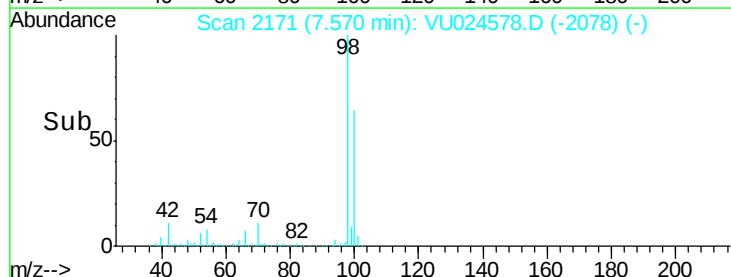
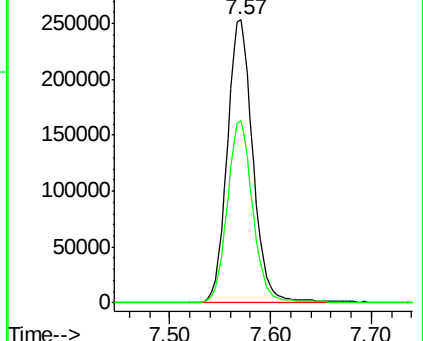
98 100

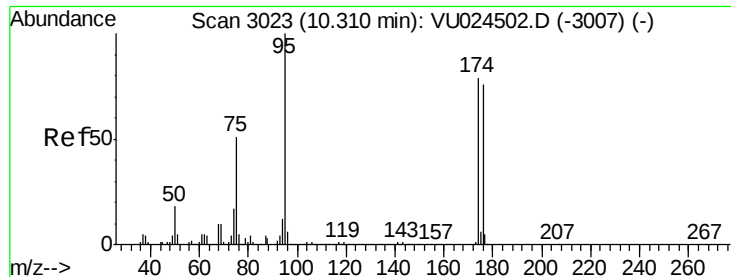
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

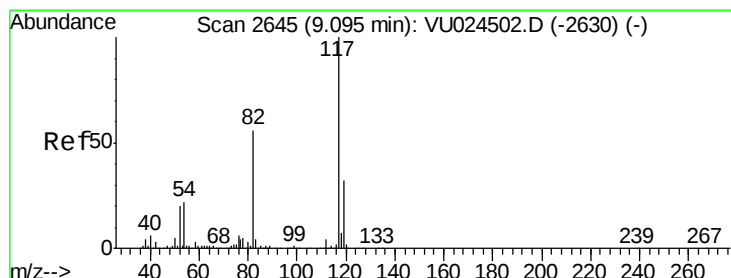
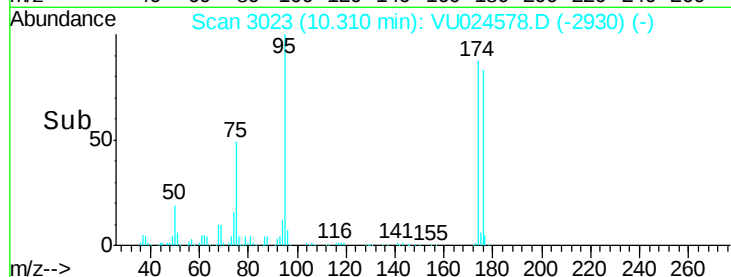
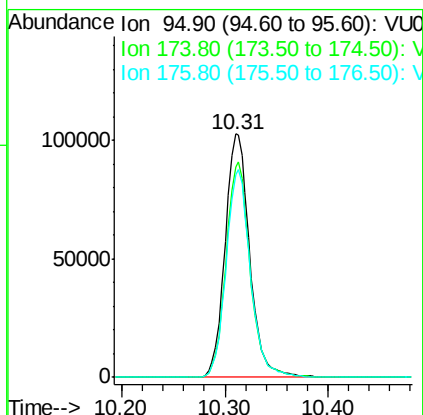
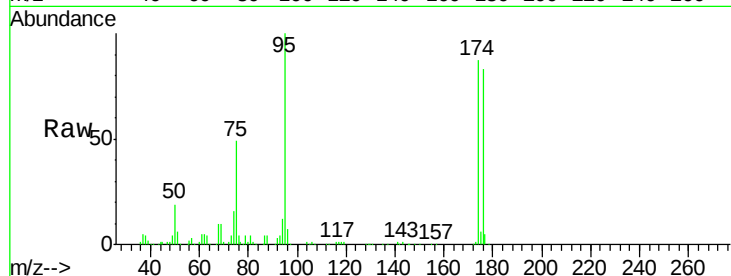




#62
4-Bromofluorobenzene
Concen: 46.260 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024578.D
Acq: 15 Jun 2018 06:45

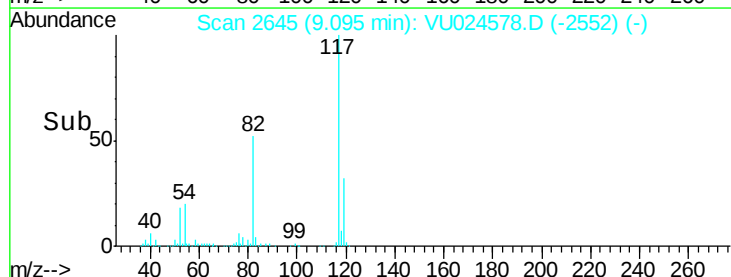
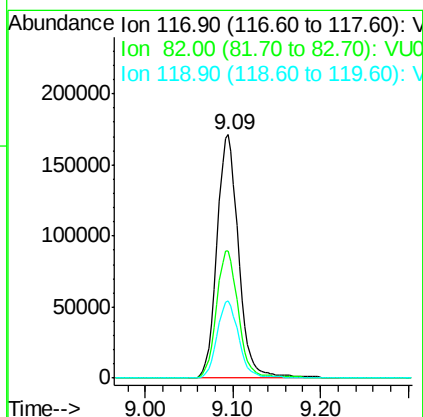
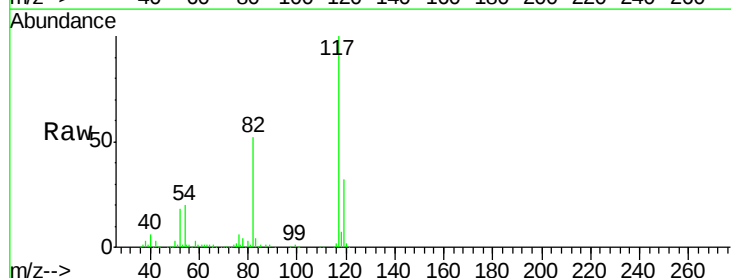
Instrument :
MSVOA_U
ClientSampleId :
SS050MW638-180612

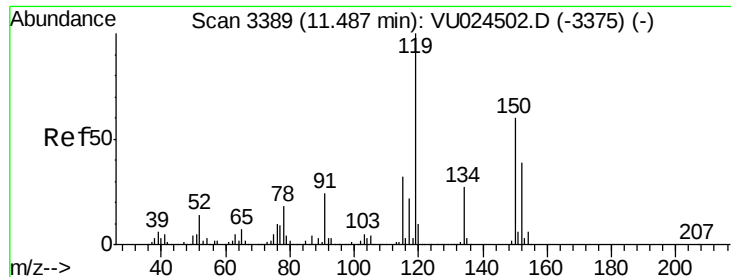
Tot Ion: 95 Resp: 170972
Ion Ratio Lower Upper
95 100
174 86.6 0.0 165.8
176 84.5 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024578.D
Acq: 15 Jun 2018 06:45

Tgt Ion: 117 Resp: 294697
Ion Ratio Lower Upper
117 100
82 52.1 44.3 66.5
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024578.D

Acq: 15 Jun 2018 06:45

Instrument :

MSVOA_U

ClientSampleId :

SS050MW638-180612

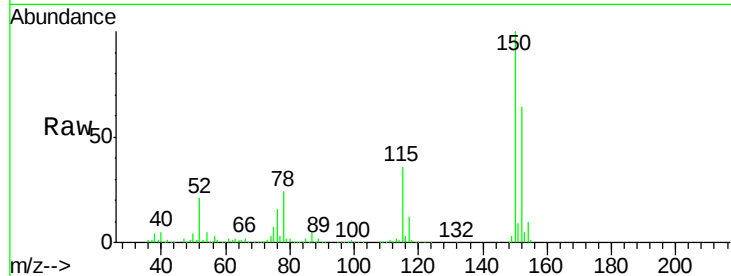
Tot Ion:152 Resp: 169301

Ion Ratio Lower Upper

152 100

115 56.7 43.0 129.0

150 157.7 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

