

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024882.D
 Acq On : 25 Jun 2018 18:09
 Operator : MD/SY
 Sample : J3605-05ME
 Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S-4(3-3.5)ME

Quant Time: Jun 26 12:15:49 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

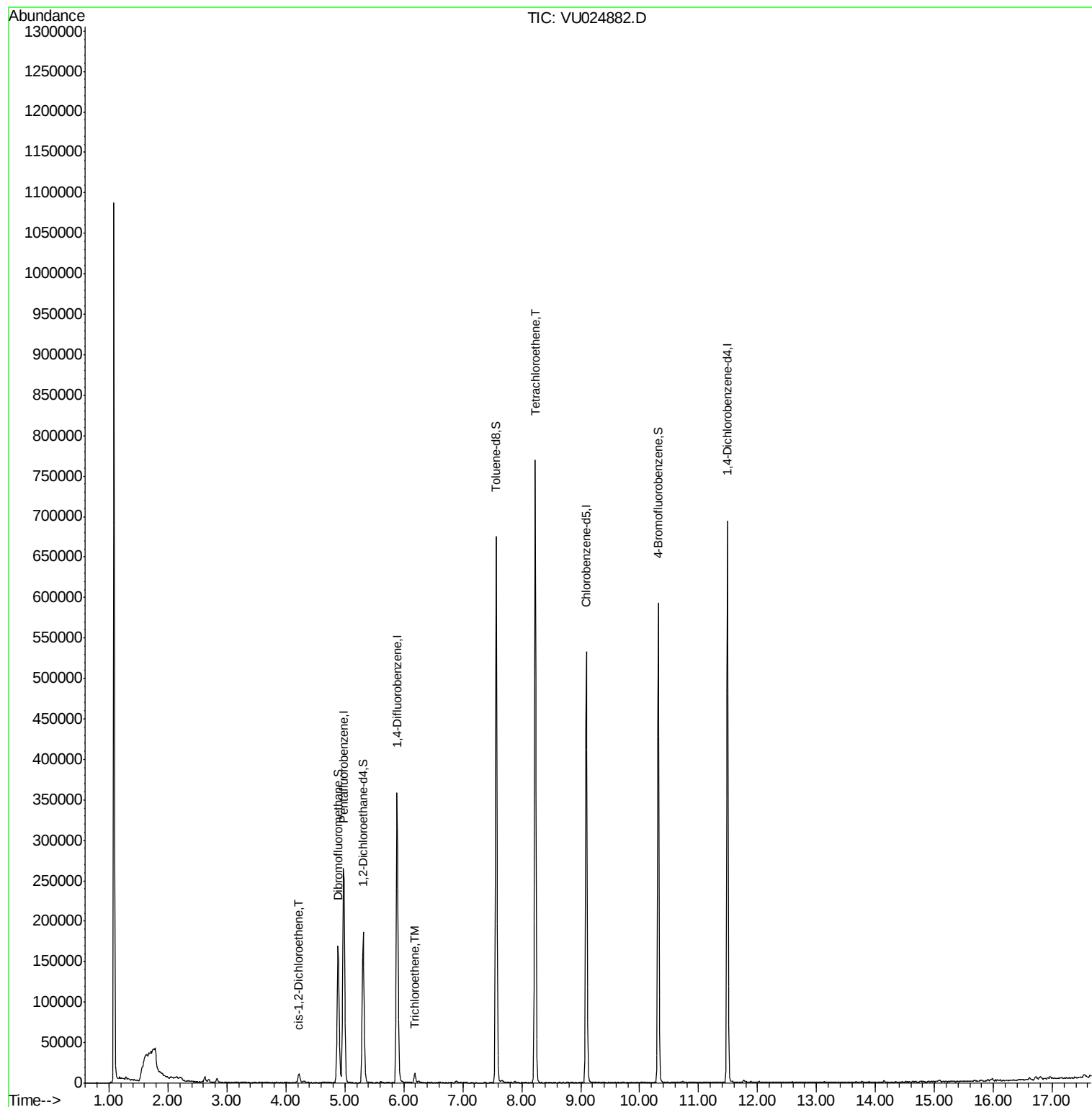
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	210613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	321957	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	313452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	181708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	155208	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
35) Dibromofluoromethane	4.89	113	123165	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	7.57	98	469447	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	10.32	95	195164	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.22	96	6584	2.17	ug/l	93
44) Trichloroethene	6.19	130	4418	1.44	ug/l	93
64) Tetrachloroethene	8.23	164	172518	57.90	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024882.D

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ClientSampleId :

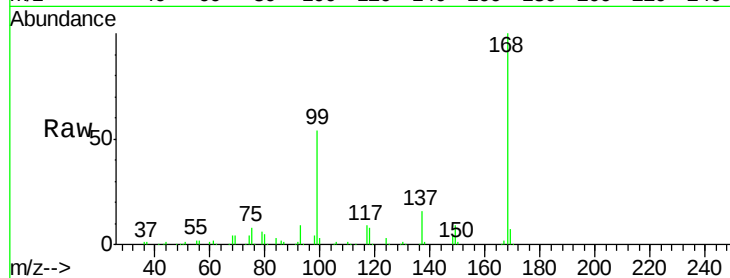
S-4(3-3.5)ME

Tot Ion:168 Resp: 210613

Ion Ratio Lower Upper

168 100

99 54.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

100000

80000

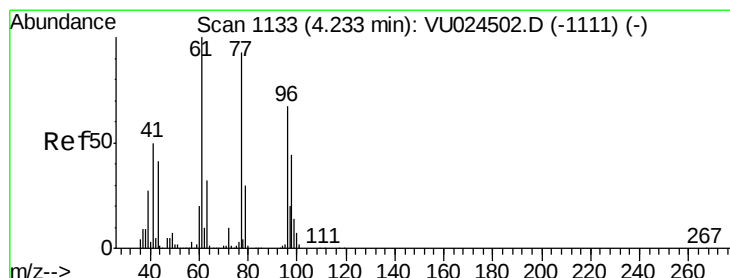
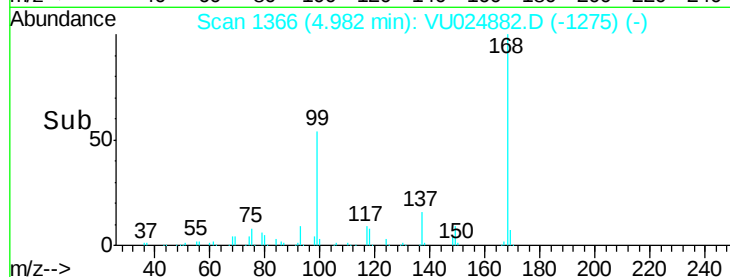
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.17 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU024882.D

Acq: 25 Jun 2018 18:09

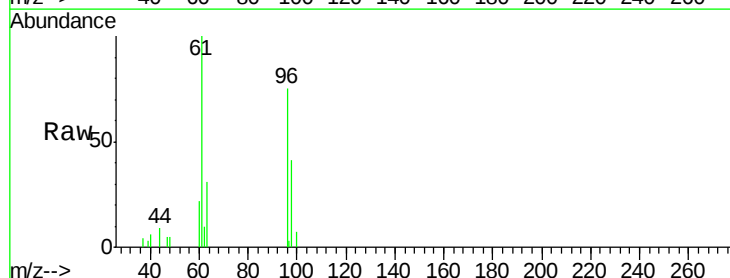
Tgt Ion: 96 Resp: 6584

Ion Ratio Lower Upper

96 100

61 142.9 0.0 306.6

98 61.5 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

4.22

4000

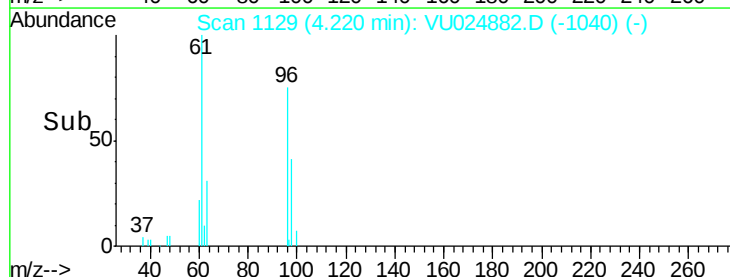
3000

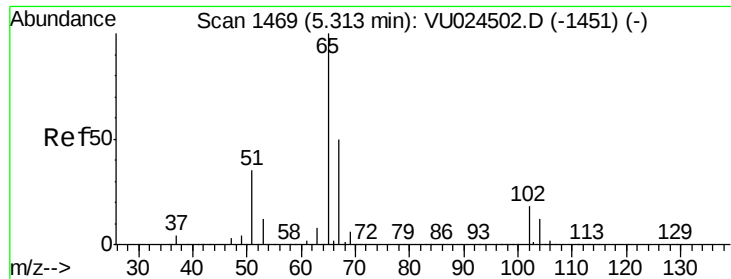
2000

1000

0

Time-->

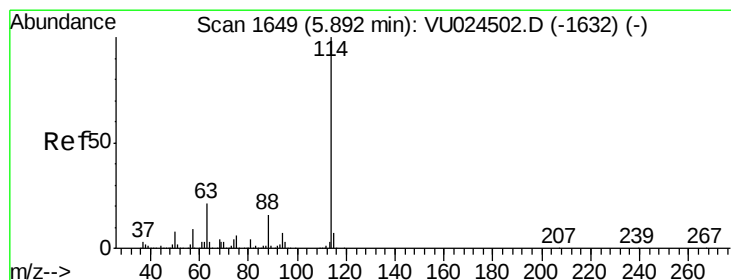
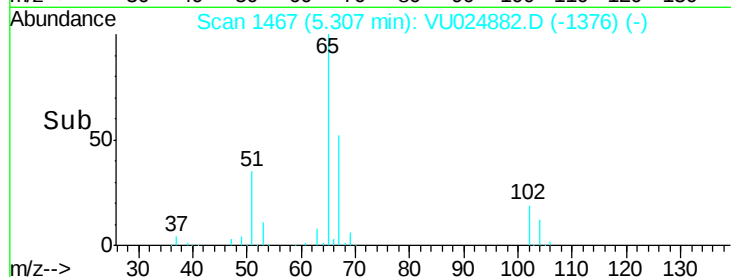
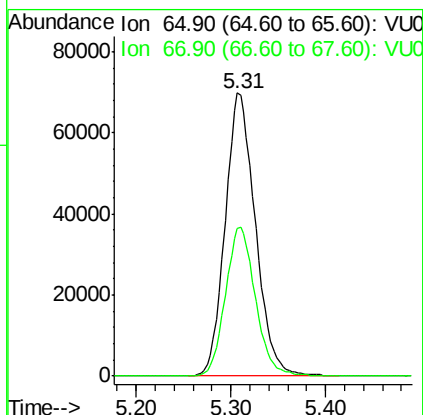
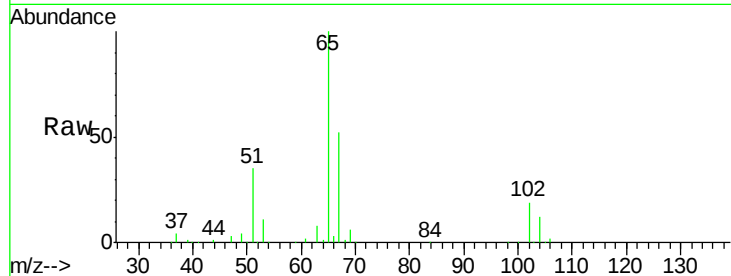




#33
 1,2-Dichloroethane-d4
 Concen: 45.14 ug/l
 RT: 5.31 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: VU024882.D
 Acq: 25 Jun 2018 18:09

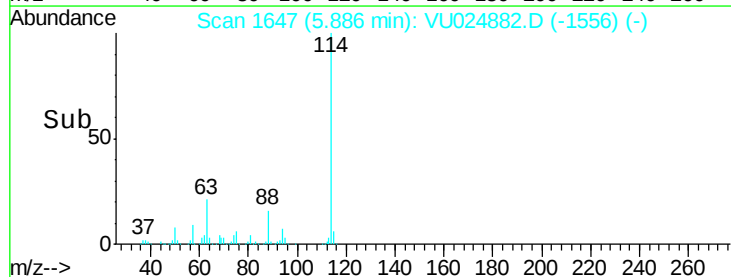
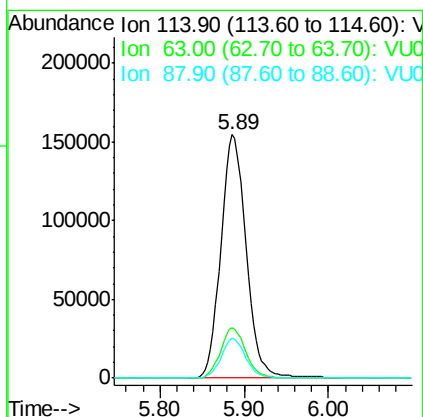
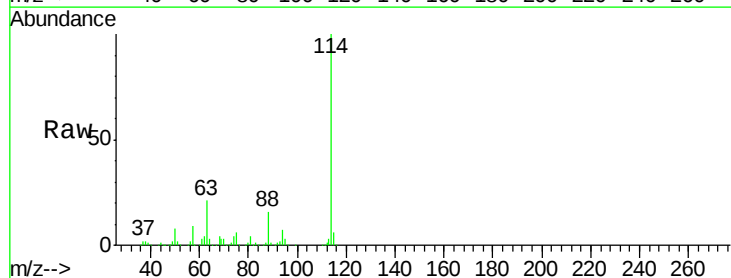
Instrument :
 MSVOA_U
 ClientSampleId :
 S-4(3-3.5)ME

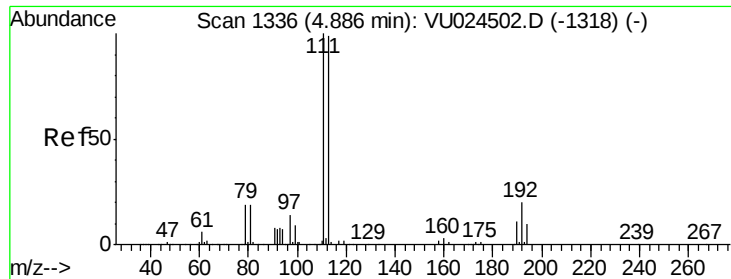
Tot Ion: 65 Resp: 155208
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU024882.D
 Acq: 25 Jun 2018 18:09

Tgt Ion: 114 Resp: 321957
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 16.3 0.0 31.0

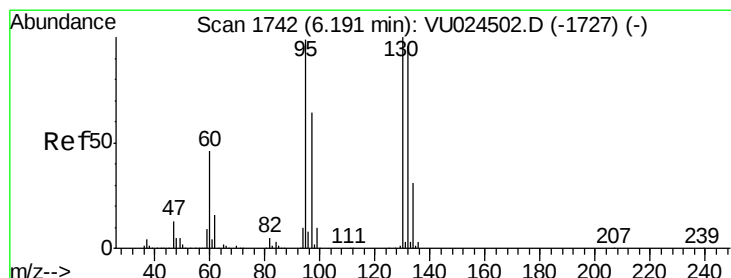
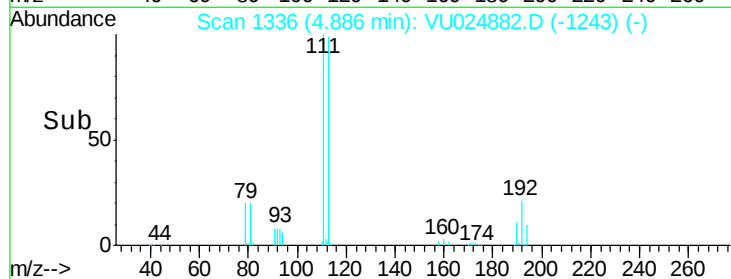
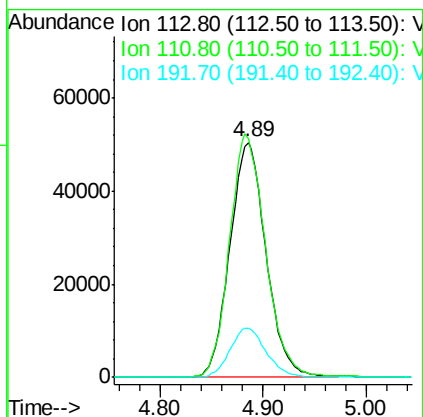
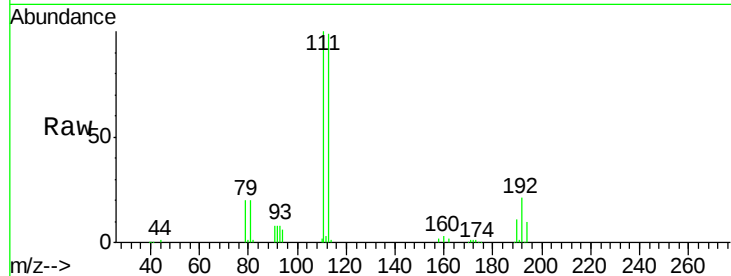




#35
 Dibromofluoromethane
 Concen: 46.09 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024882.D
 Acq: 25 Jun 2018 18:09

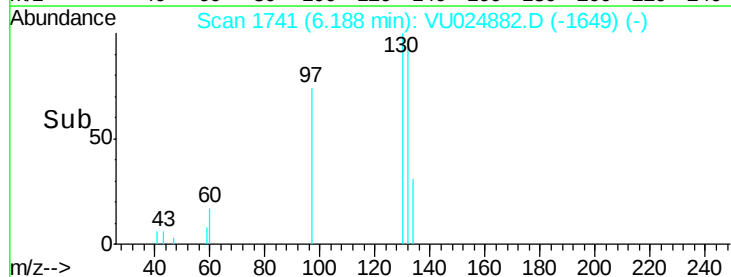
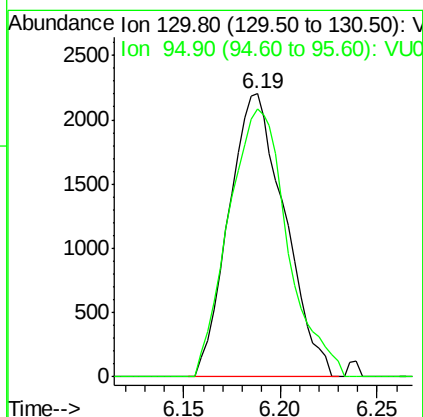
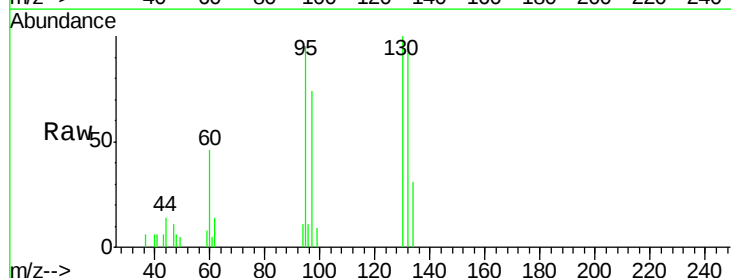
Instrument :
 MSVOA_U
 ClientSampleId :
 S-4(3-3.5)ME

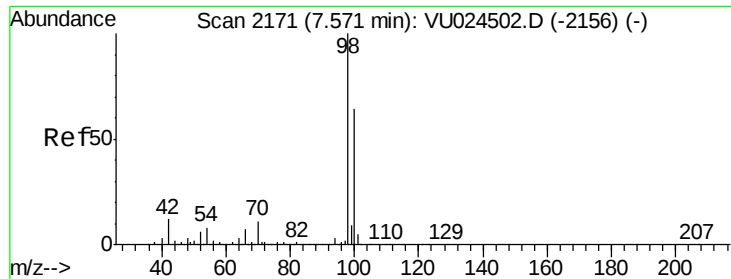
Tot Ion:	113	Resp:	123165
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	20.9	16.2	24.4



#44
 Trichloroethene
 Concen: 1.44 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU024882.D
 Acq: 25 Jun 2018 18:09

Tgt Ion:	130	Resp:	4418
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	202.4





#50

Toluene-d8

Concen: 48.17 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024882.D

Acq: 25 Jun 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

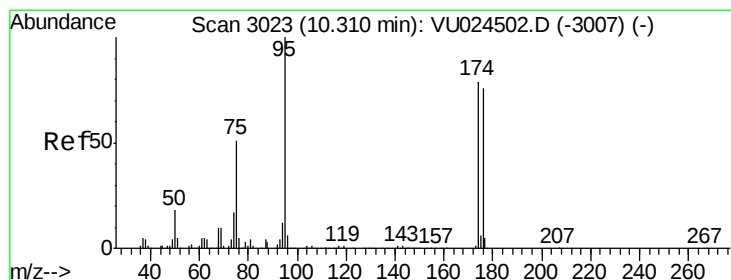
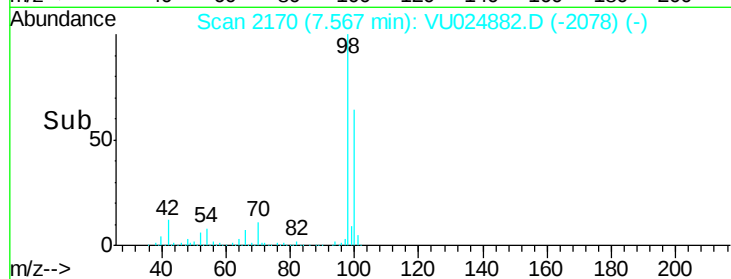
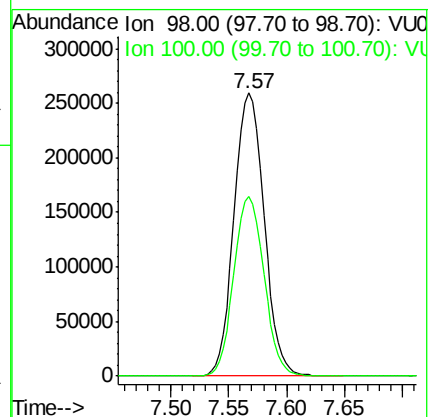
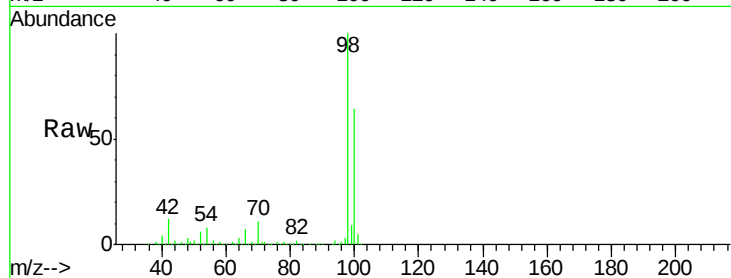
S-4(3-3.5)ME

Tot Ion: 98 Resp: 469447

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 50.43 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024882.D

Acq: 25 Jun 2018 18:09

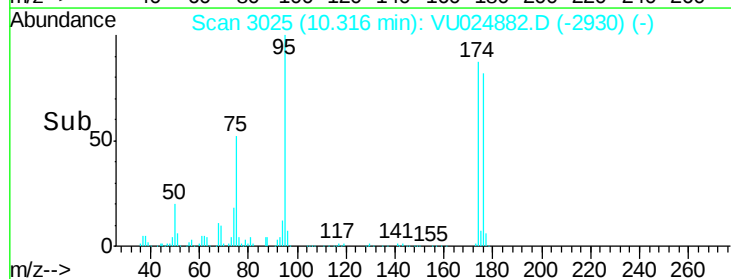
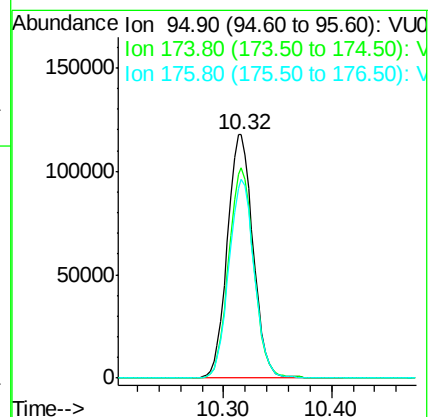
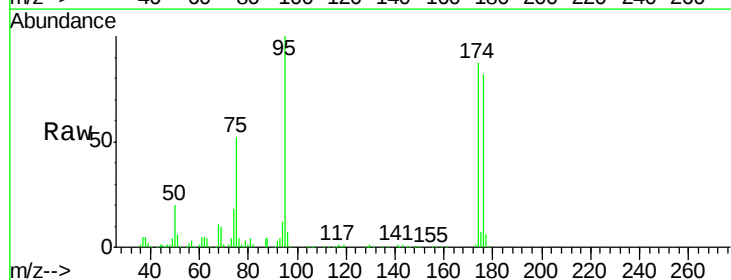
Tgt Ion: 95 Resp: 195164

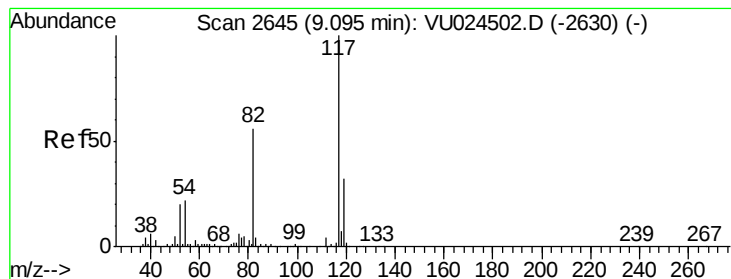
Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.8

176 80.7 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU024882.D

Acq: 25 Jun 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

S-4(3-3.5)ME

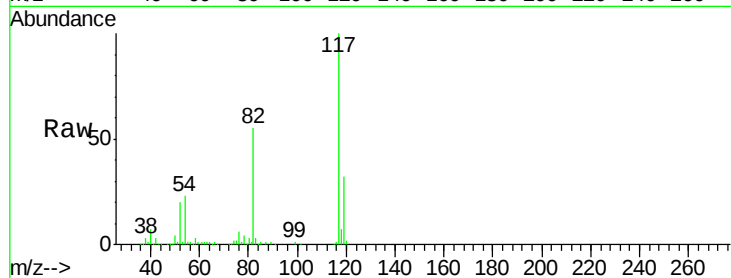
Tot Ion:117 Resp: 313452

Ion Ratio Lower Upper

117 100

82 55.4 44.3 66.5

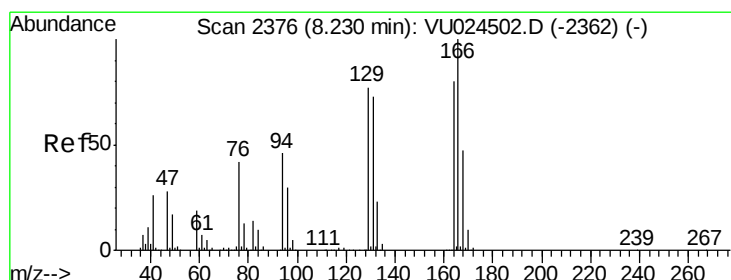
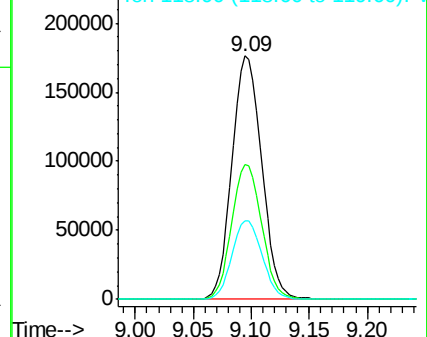
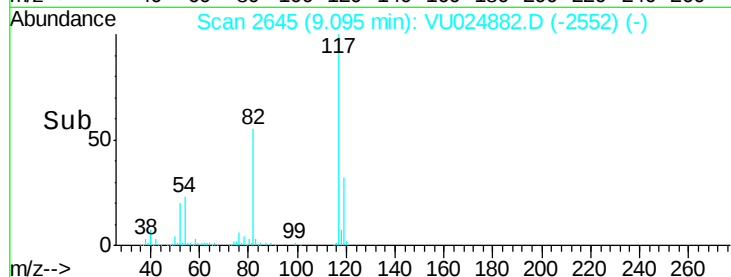
119 32.5 25.4 38.2



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



#64

Tetrachloroethene

Concen: 57.90 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024882.D

Acq: 25 Jun 2018 18:09

Tgt Ion:164 Resp: 172518

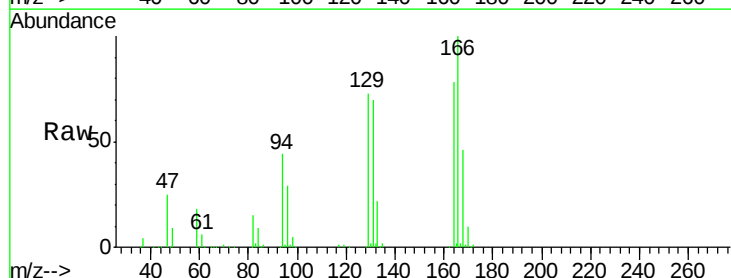
Ion Ratio Lower Upper

164 100

166 128.8 101.7 152.5

129 94.0 76.9 115.3

131 90.6 74.9 112.3

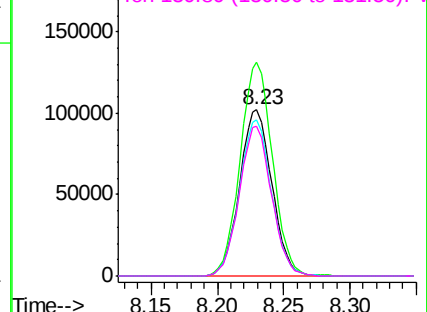
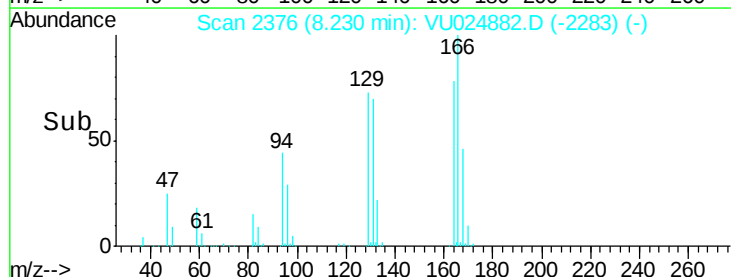


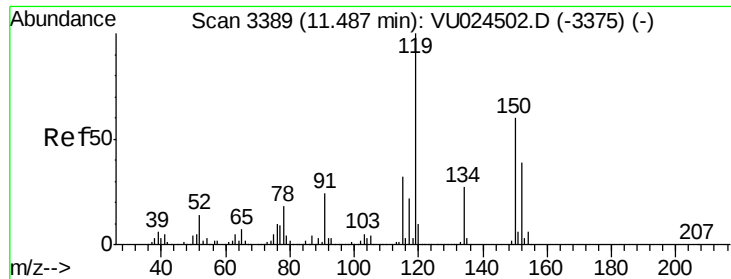
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024882.D

Acq: 25 Jun 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

S-4(3-3.5)ME

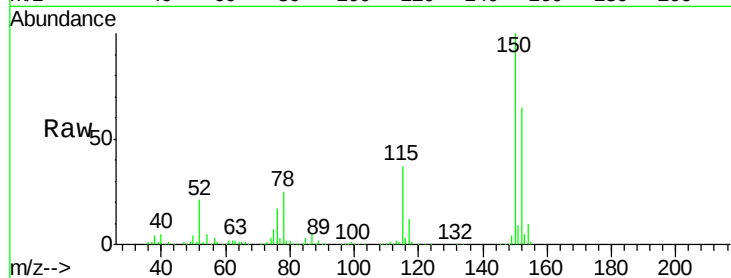
Tot Ion:152 Resp: 181708

Ion Ratio Lower Upper

152 100

115 57.4 43.0 129.0

150 155.4 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

