

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028690.D
 Acq On : 14 Dec 2018 18:03
 Operator : MD/SY
 Sample : J6393-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9D_R1

Quant Time: Dec 15 01:09:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

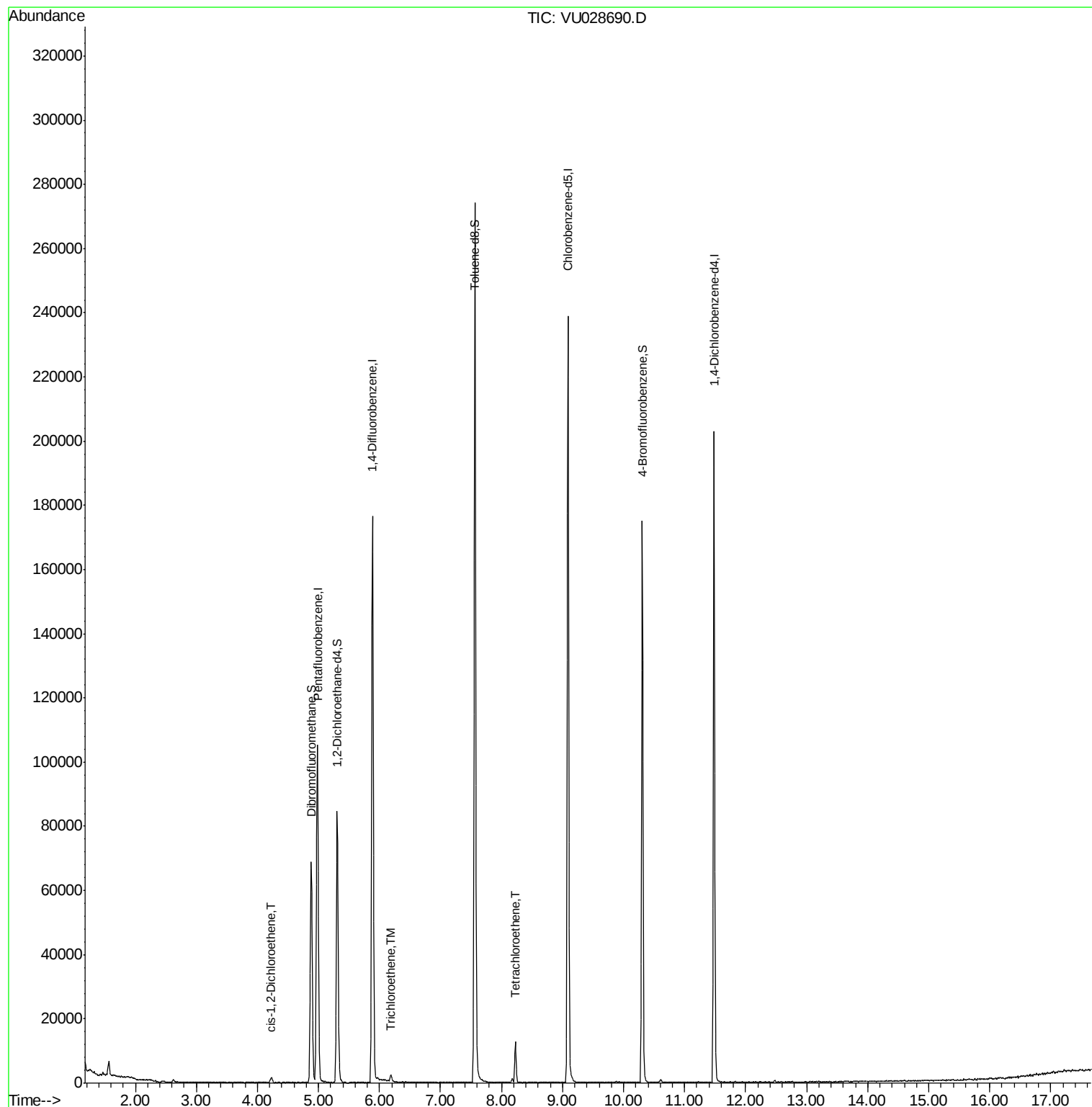
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	77419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	139241	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	126782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	48907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	64910	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	4.88	113	48292	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
50) Toluene-d8	7.57	98	179809	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	10.31	95	58378	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	819	0.746	ug/l	91
44) Trichloroethene	6.19	130	858	0.860	ug/l	92
64) Tetrachloroethene	8.23	164	2773	3.279	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028690.D

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ClientSampleId :

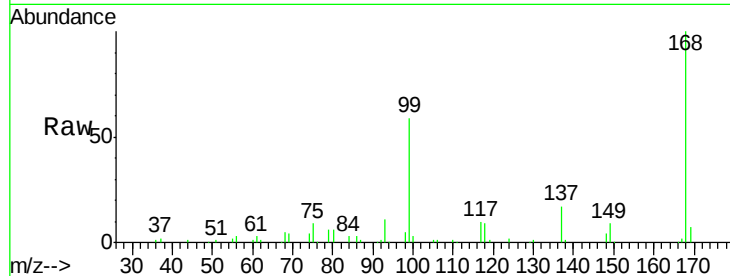
MW-9D_R1

Tgt Ion: 168 Resp: 77419

Ion Ratio Lower Upper

168 100

99 59.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028690.D (-1092) (-)

4.98

40000

30000

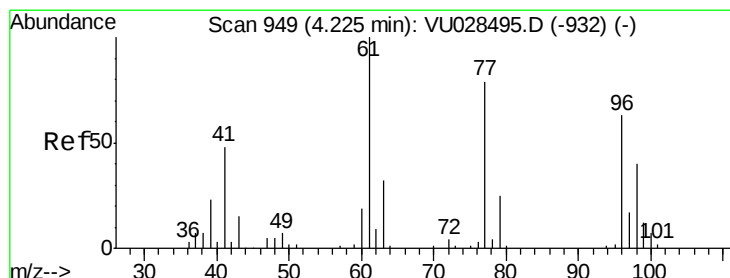
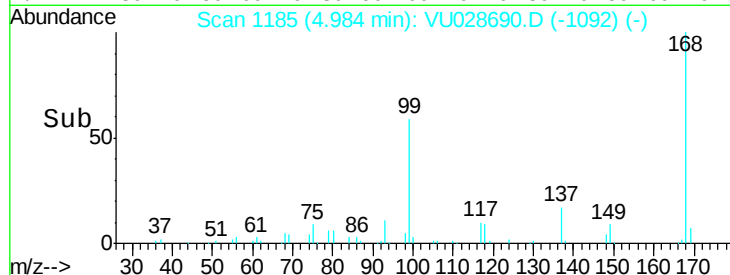
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.746 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028690.D

Acq: 14 Dec 2018 18:03

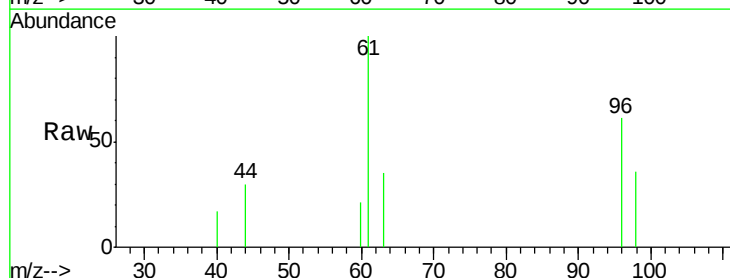
Tgt Ion: 96 Resp: 819

Ion Ratio Lower Upper

96 100

61 180.8 0.0 332.4

98 66.9 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VU028495.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VU028690.D (-856) (-)

Ion 97.90 (97.60 to 98.60): VU028690.D (-856) (-)

4.23

800

600

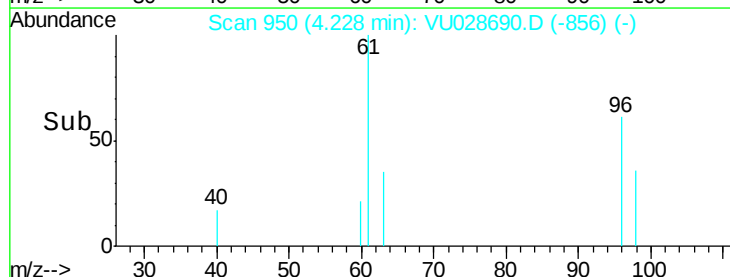
400

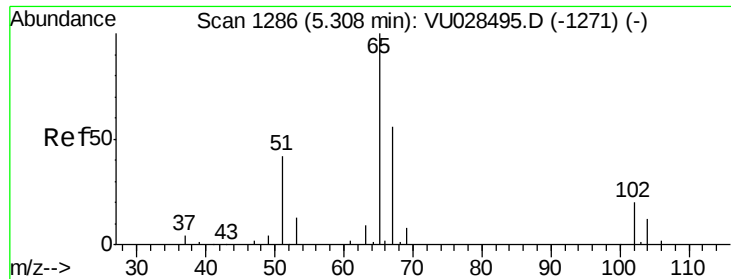
200

0

4.20 4.25

Time-->

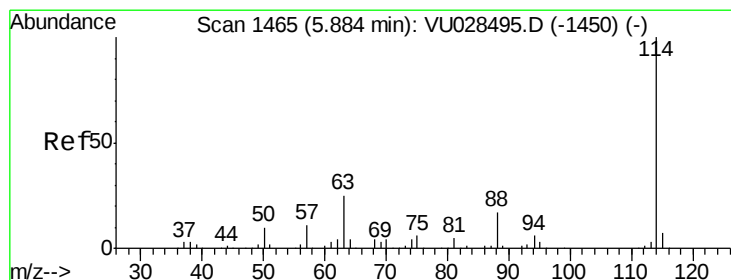
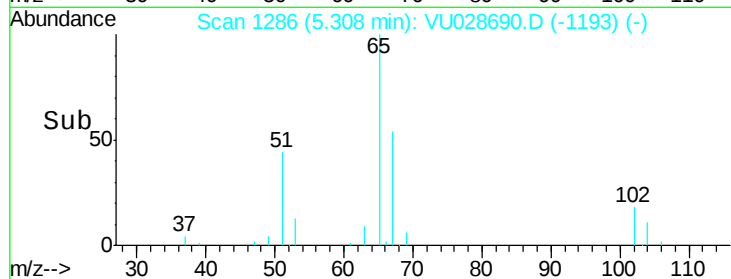
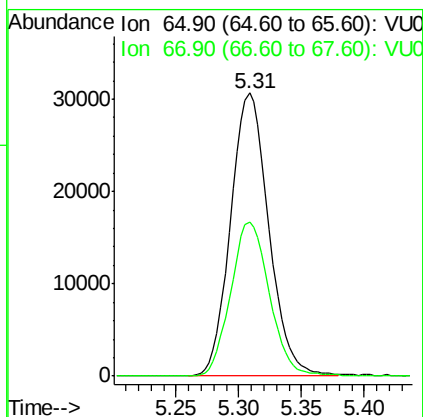
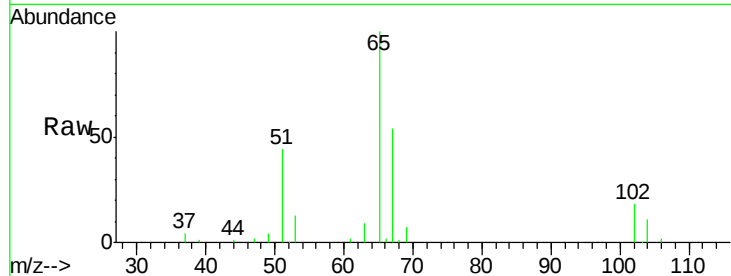




#33
 1,2-Dichloroethane-d4
 Concen: 54.940 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028690.D
 Acq: 14 Dec 2018 18:03

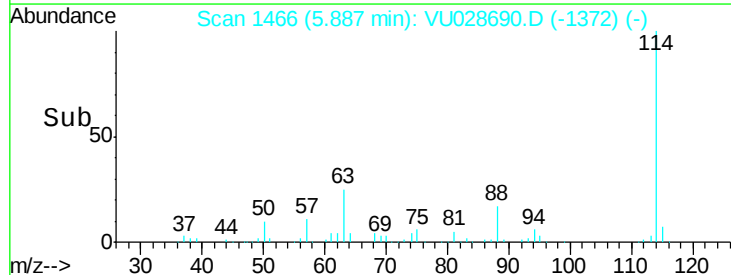
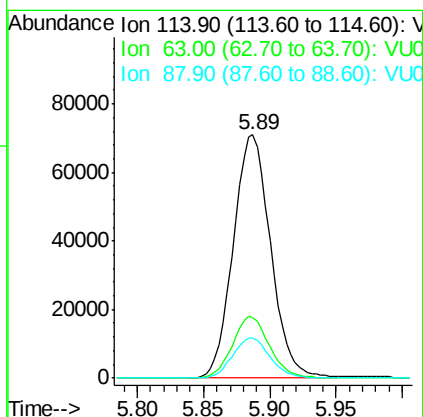
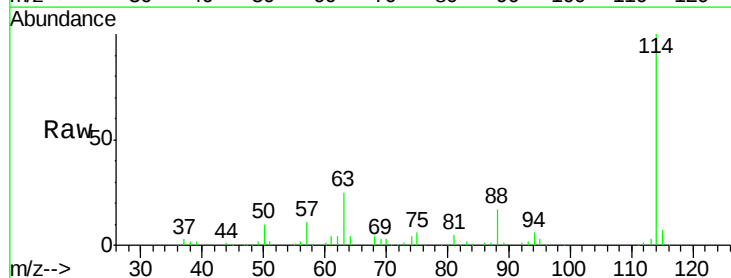
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9D_R1

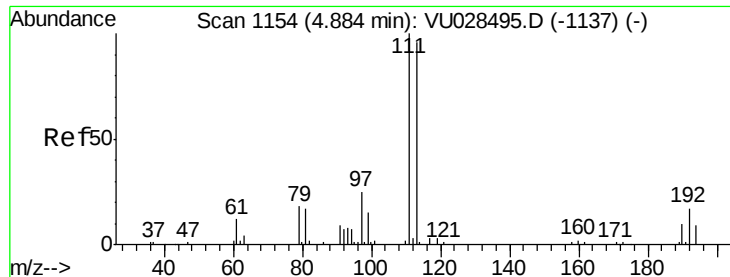
Tgt Ion: 65 Resp: 64910
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028690.D
 Acq: 14 Dec 2018 18:03

Tgt Ion: 114 Resp: 139241
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 16.6 0.0 33.4

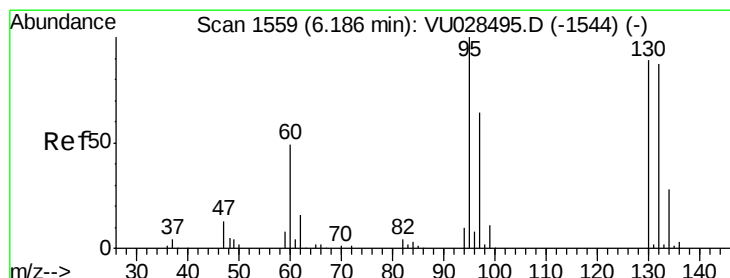
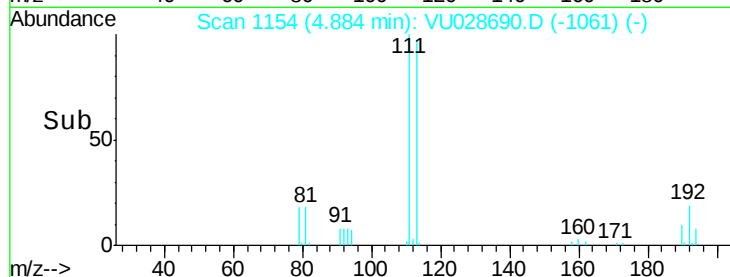
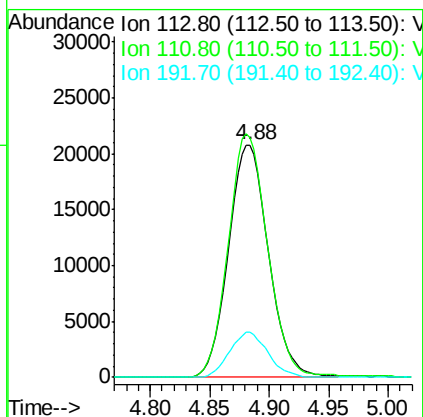
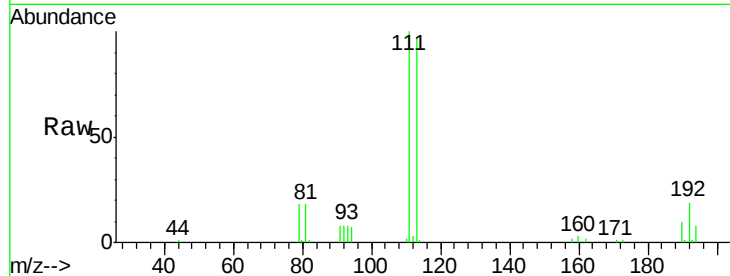




#35
 Dibromofluoromethane
 Concen: 55.112 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028690.D
 Acq: 14 Dec 2018 18:03

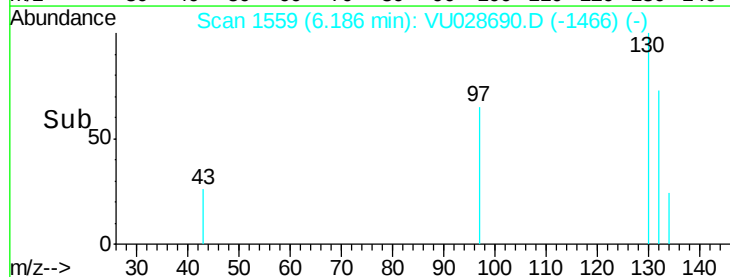
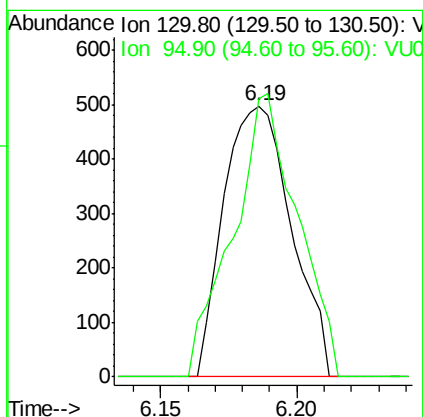
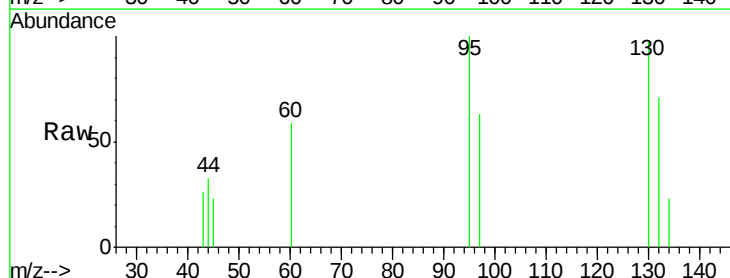
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9D_R1

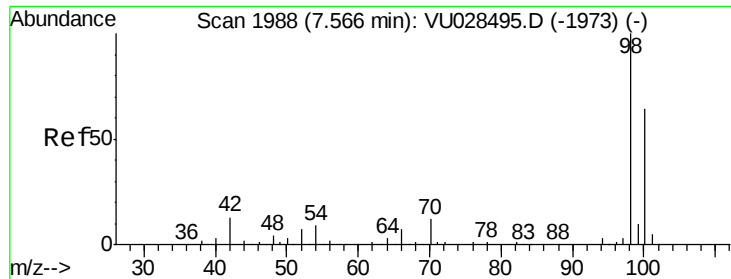
Tgt Ion:113 Resp: 48292
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 18.6 14.8 22.2



#44
 Trichloroethene
 Concen: 0.860 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU028690.D
 Acq: 14 Dec 2018 18:03

Tgt Ion:130 Resp: 858
 Ion Ratio Lower Upper
 130 100
 95 103.0 0.0 224.0

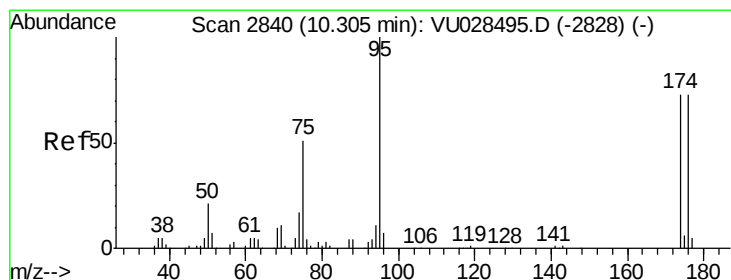
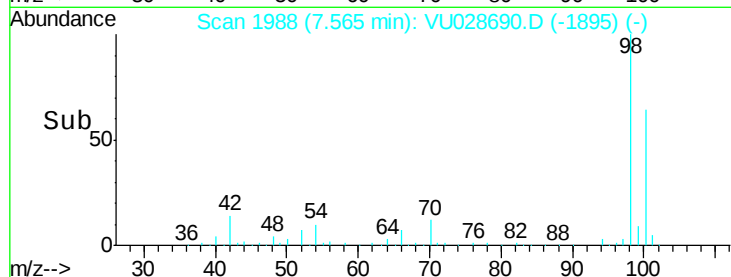
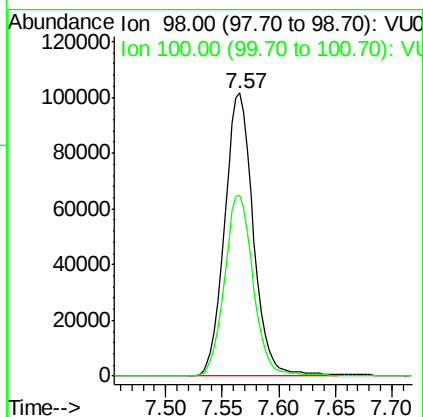
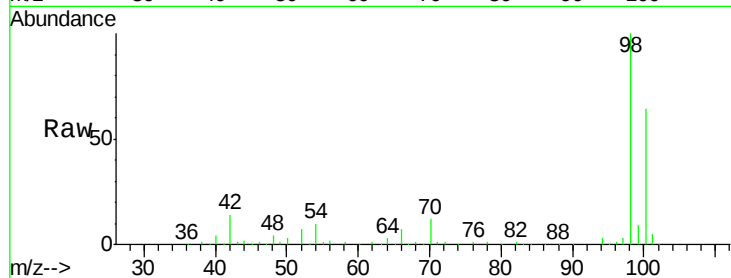




#50
Toluene-d8
Concen: 51.873 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028690.D
Acq: 14 Dec 2018 18:03

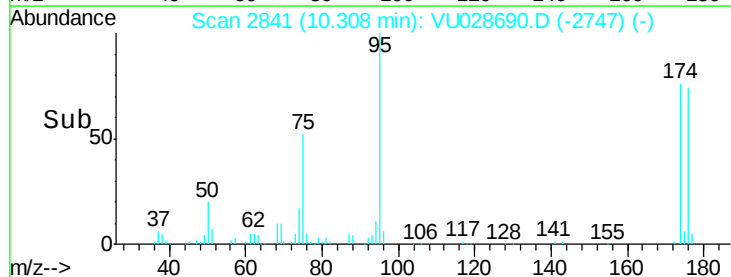
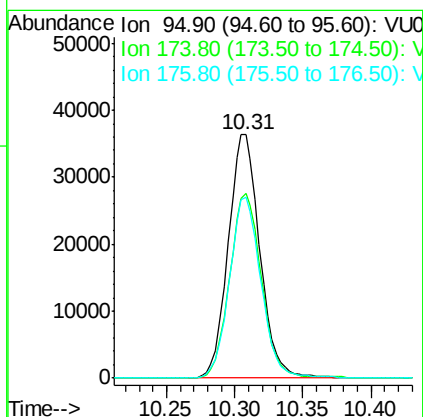
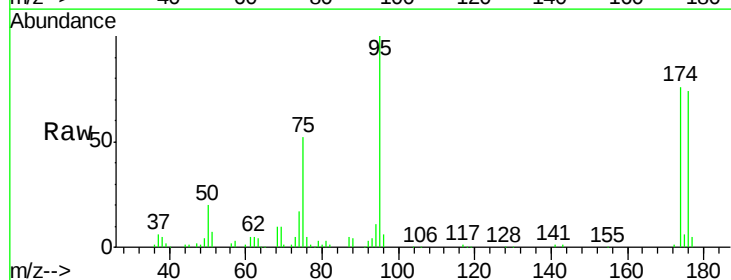
Instrument :
MSVOA_U
ClientSampleId :
MW-9D_R1

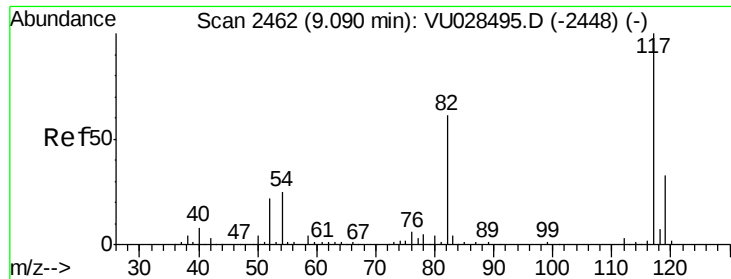
Tgt Ion: 98 Resp: 179809
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.059 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028690.D
Acq: 14 Dec 2018 18:03

Tgt Ion: 95 Resp: 58378
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.4
176 74.3 0.0 145.2

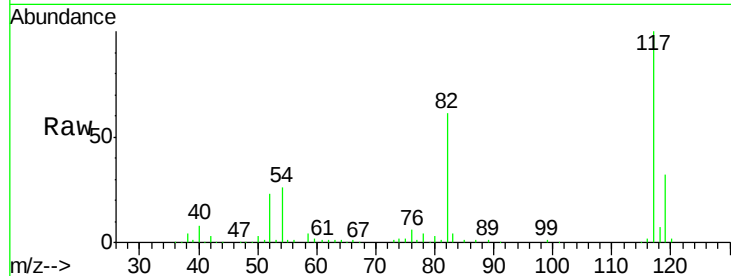




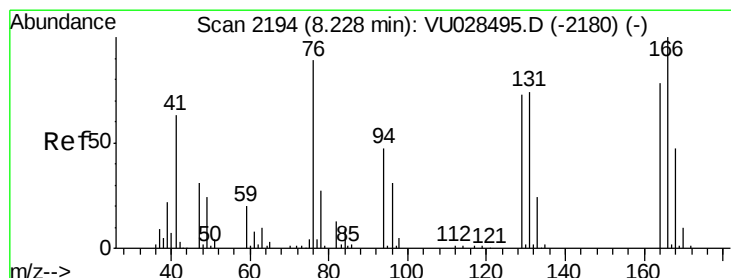
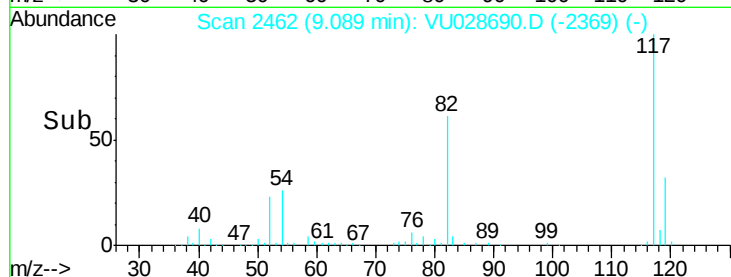
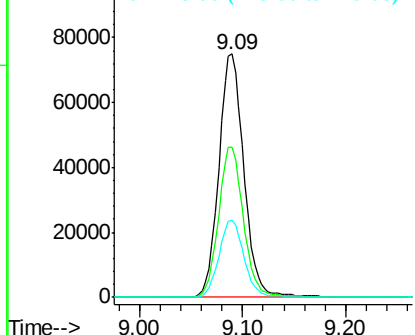
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028690.D
Acq: 14 Dec 2018 18:03

Instrument :
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ClientSampleId :
MW-9D_R1

Tgt Ion:117 Resp: 126782
Ion Ratio Lower Upper
117 100
82 61.4 48.9 73.3
119 31.7 26.2 39.4

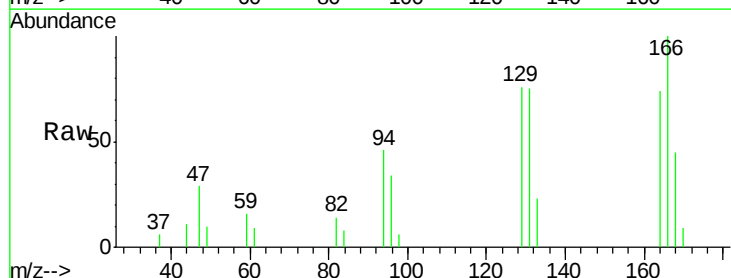


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

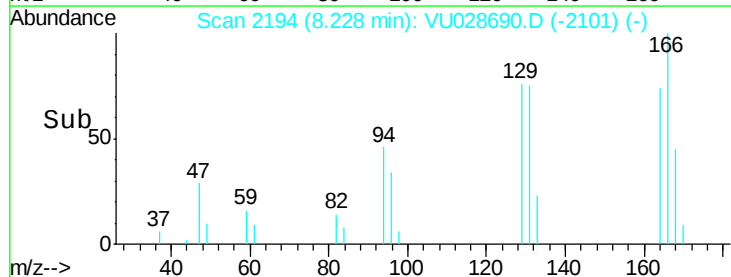
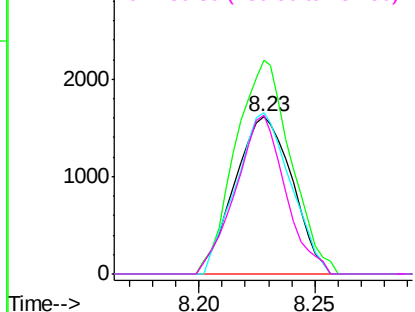


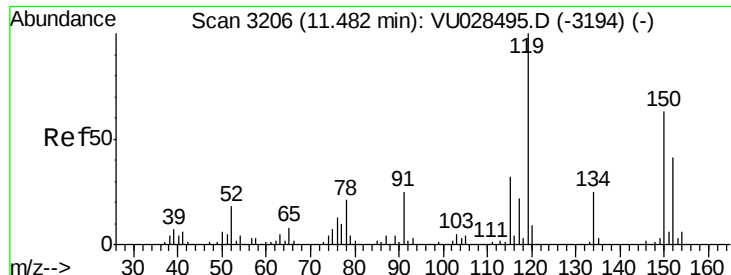
#64
Tetrachloroethene
Concen: 3.279 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028690.D
Acq: 14 Dec 2018 18:03

Tgt Ion:164 Resp: 2773
Ion Ratio Lower Upper
164 100
166 135.7 101.9 152.9
129 102.8 74.9 112.3
131 101.2 75.4 113.0



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: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028690.D
 Acq: 14 Dec 2018 18:03

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9D_R1

Tgt Ion:152 Resp: 48907
 Ion Ratio Lower Upper
 152 100
 115 60.7 42.7 128.1
 150 159.2 0.0 346.0

