

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028559.D
 Acq On : 10 Dec 2018 18:23
 Operator : MD/SY
 Sample : J6323-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-123D2-20181207

Quant Time: Dec 11 04:13:25 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

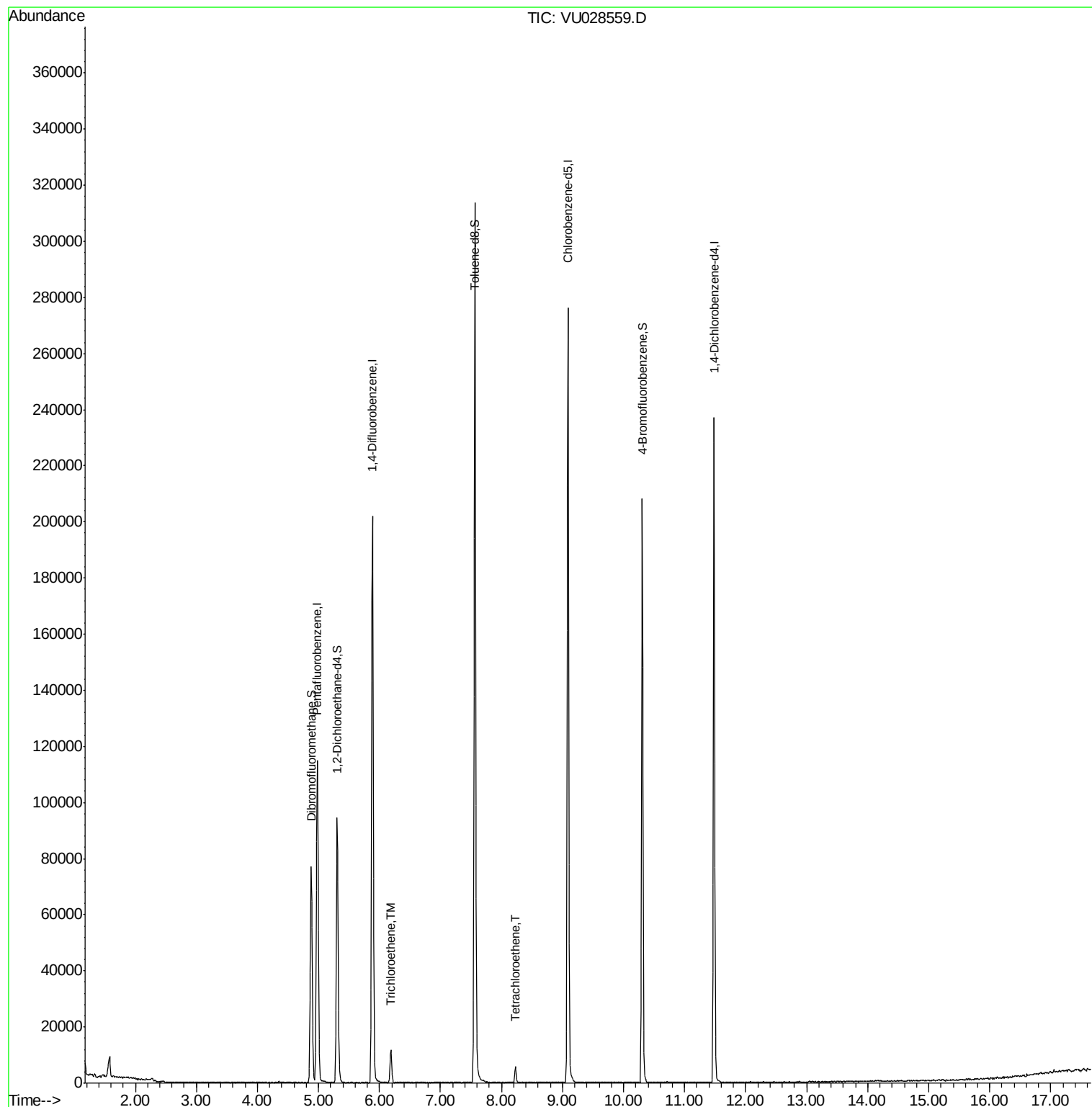
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	159550	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	58188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	73948	57.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.24%	
35) Dibromofluoromethane	4.88	113	53235	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
50) Toluene-d8	7.56	98	207983	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	10.31	95	68254	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
44) Trichloroethene	6.19	130	3875	3.389	ug/l	99
64) Tetrachloroethene	8.22	164	1316	1.353	ug/l #	90

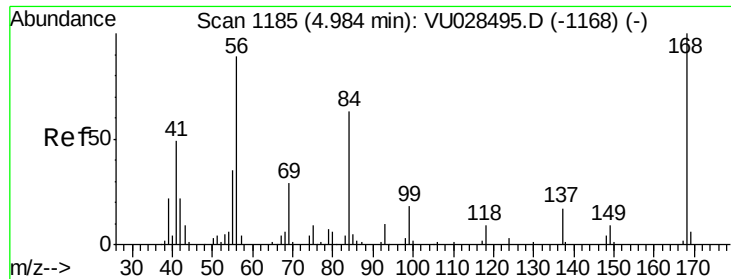
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

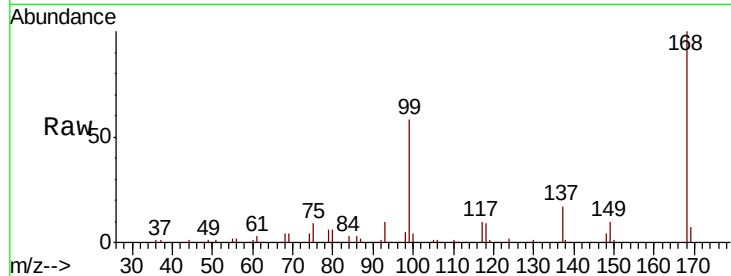
RE-123D2-20181207

Tot Ion:168 Resp: 84833

Ion Ratio Lower Upper

168 100

99 57.8 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

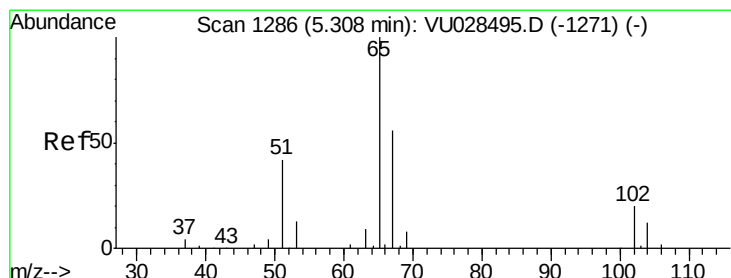
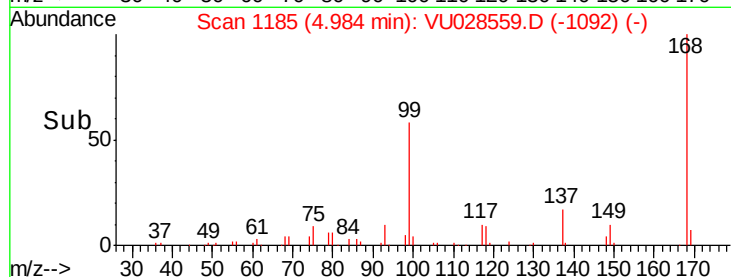
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.120 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028559.D

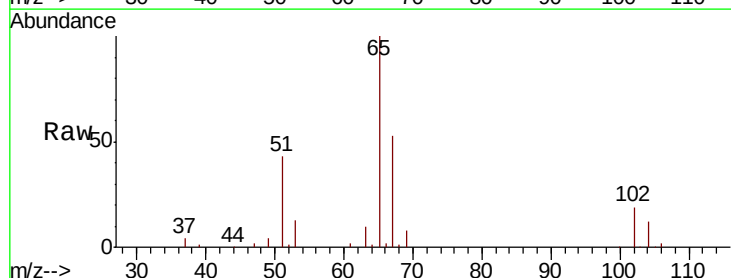
Acq: 10 Dec 2018 18:23

Tgt Ion: 65 Resp: 73948

Ion Ratio Lower Upper

65 100

67 53.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

40000

30000

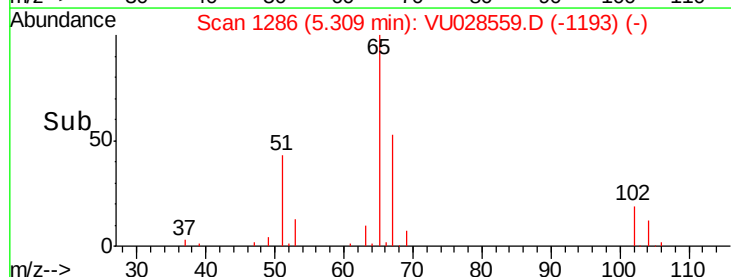
20000

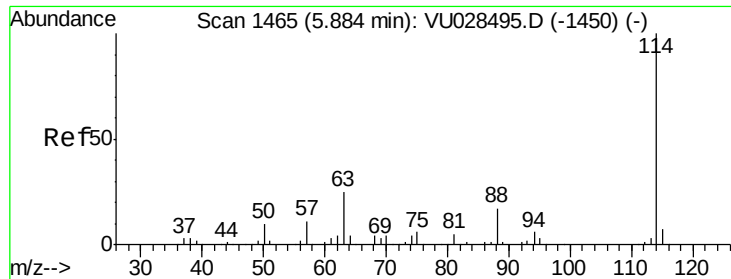
10000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

RE-123D2-20181207

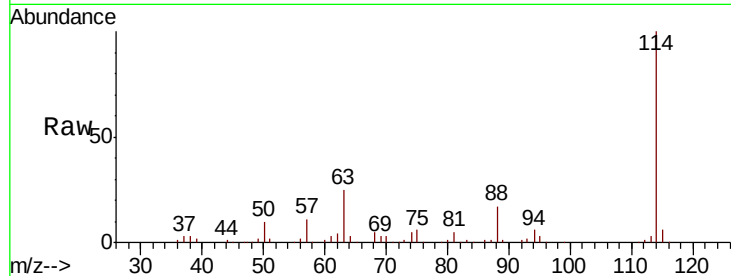
Tot Ion:114 Resp: 159550

Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

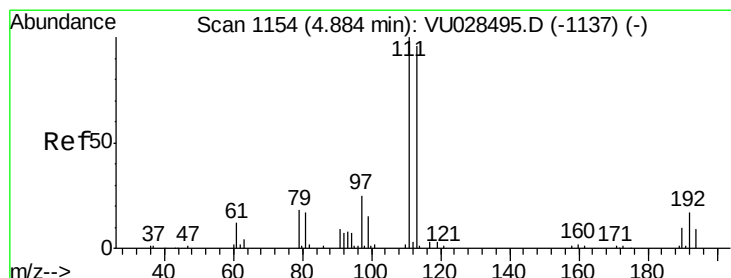
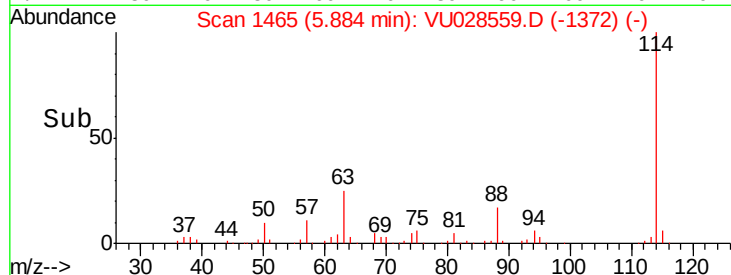
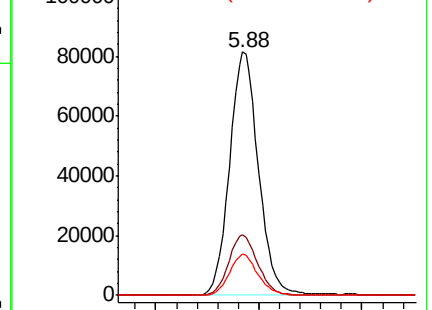
88 16.8 0.0 33.4



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: 53.020 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

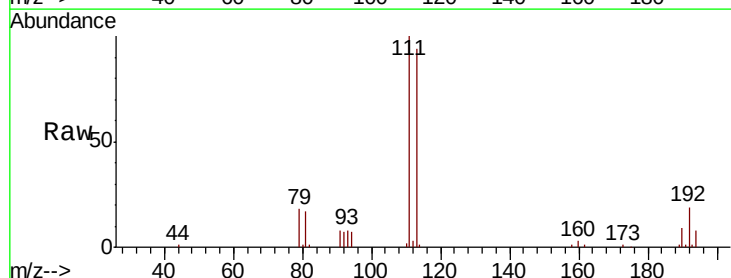
Tgt Ion:113 Resp: 53235

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.0

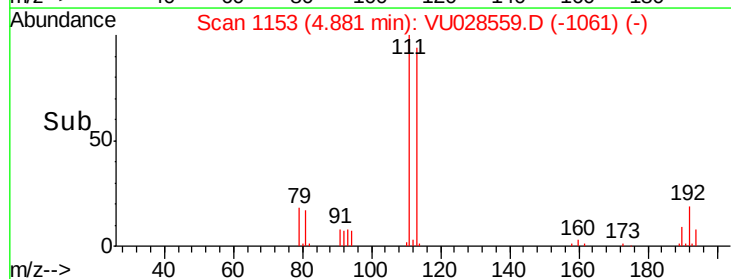
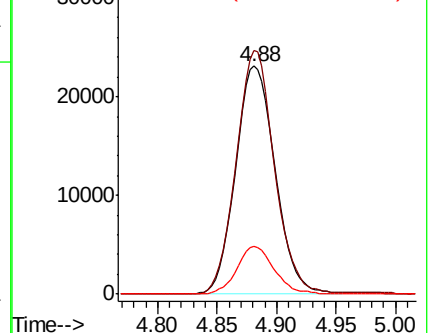
192 19.5 14.8 22.2

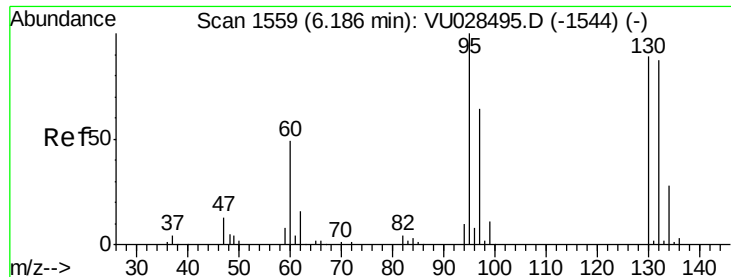


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.389 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

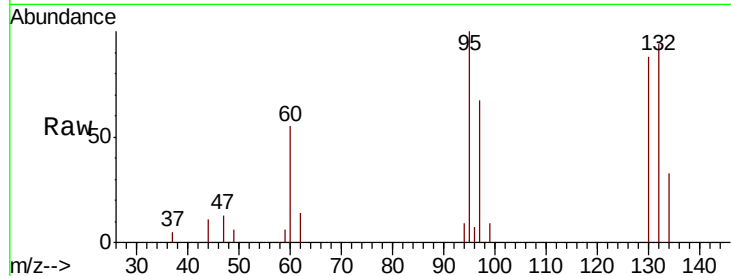
RE-123D2-20181207

Tot Ion:130 Resp: 3875

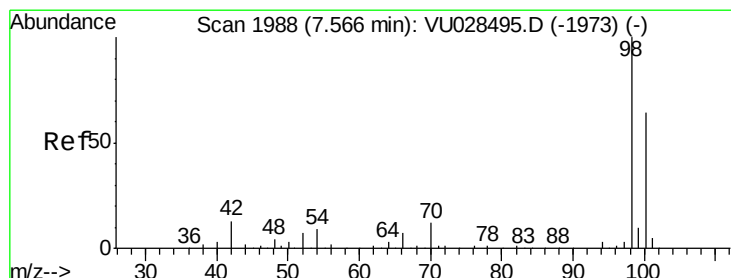
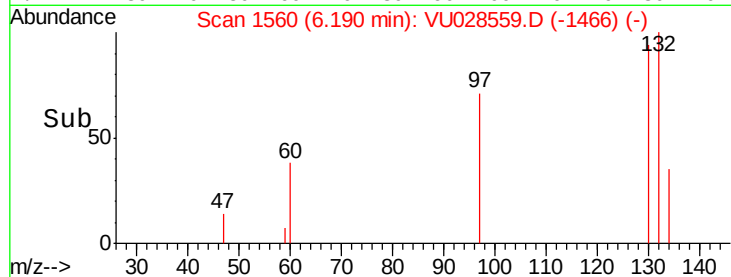
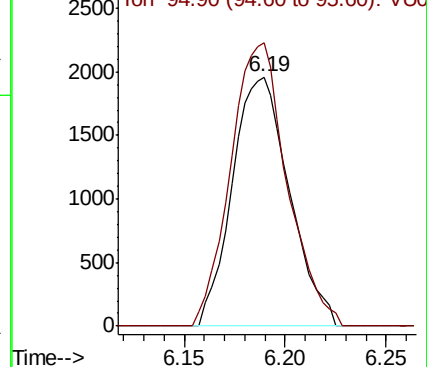
Ion Ratio Lower Upper

130 100

95 113.6 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)



#50

Toluene-d8

Concen: 52.364 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028559.D

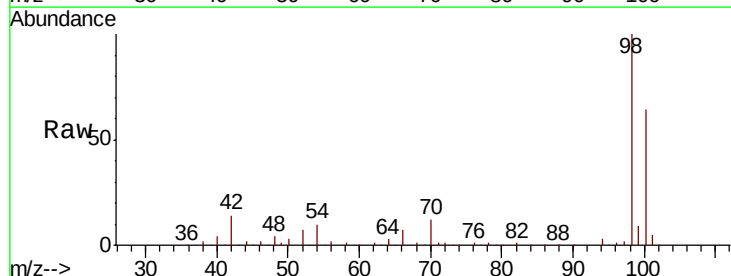
Acq: 10 Dec 2018 18:23

Tgt Ion: 98 Resp: 207983

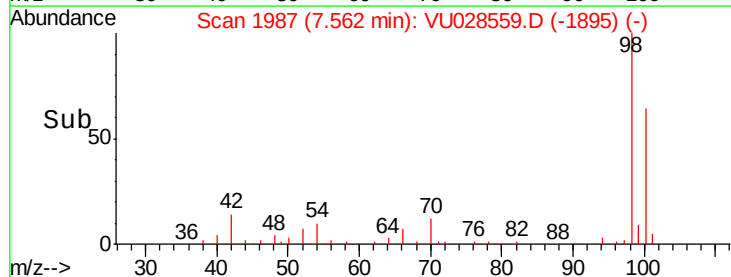
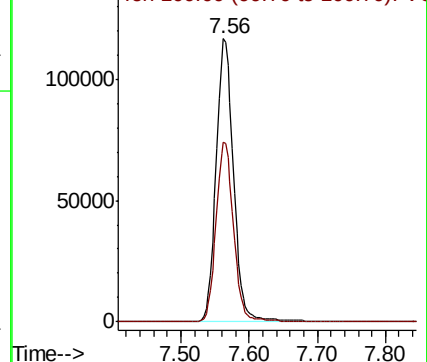
Ion Ratio Lower Upper

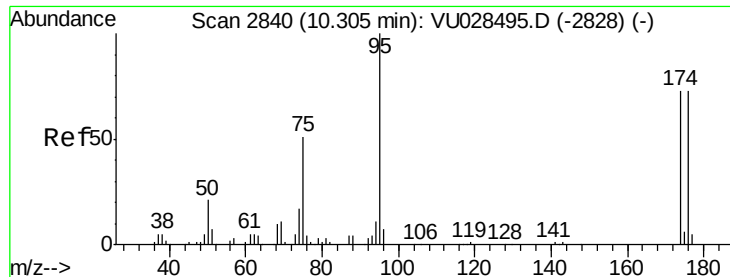
98 100

100 63.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

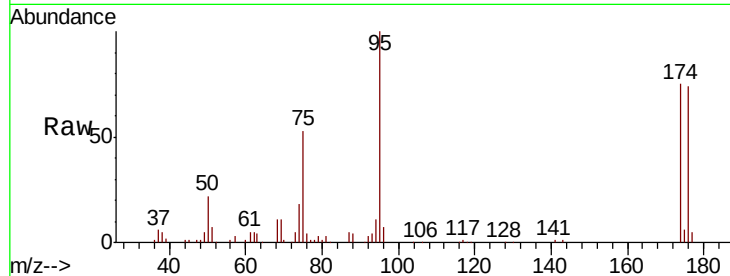




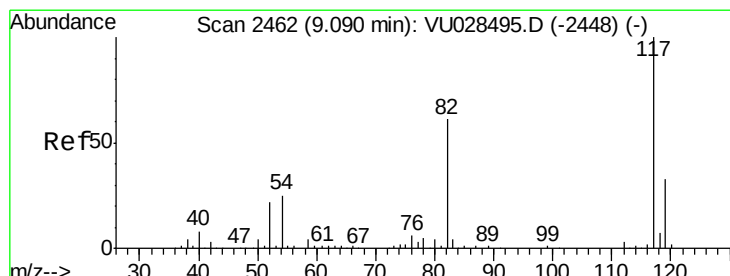
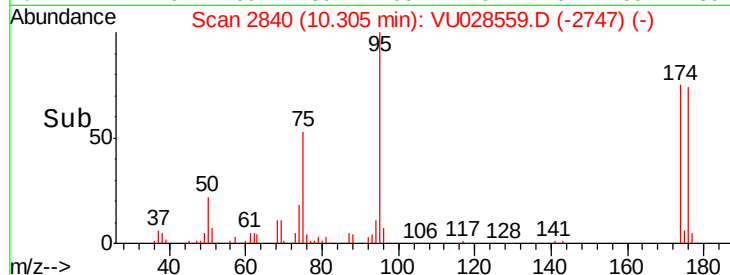
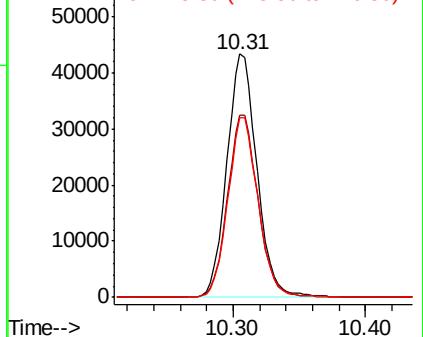
#62
 4-Bromofluorobenzene
 Concen: 45.976 ug/l
 RT: 10.31 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU028559.D
 Acq: 10 Dec 2018 18:23

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-123D2-20181207

Tot Ion: 95 Resp: 68254
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 150.4
 176 74.1 0.0 145.2

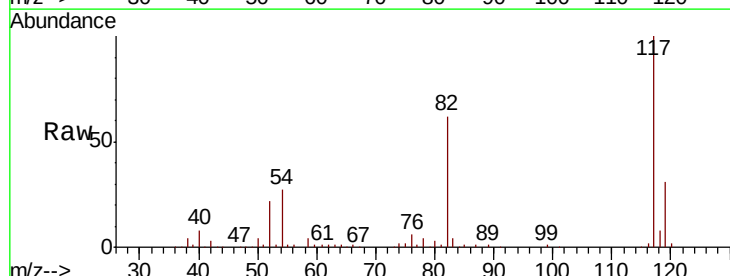


Abundance Ion 94.90 (94.60 to 95.60): VU
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

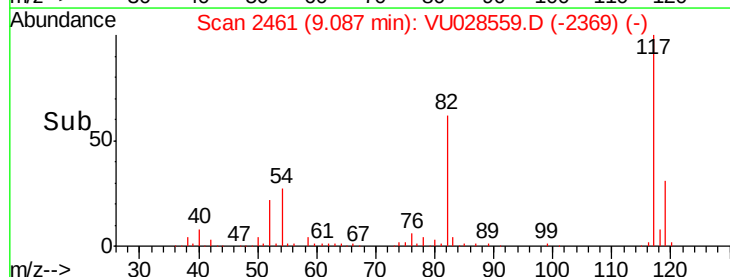
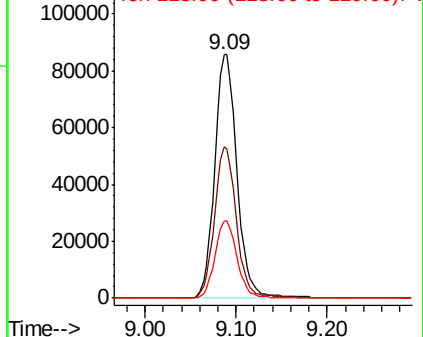


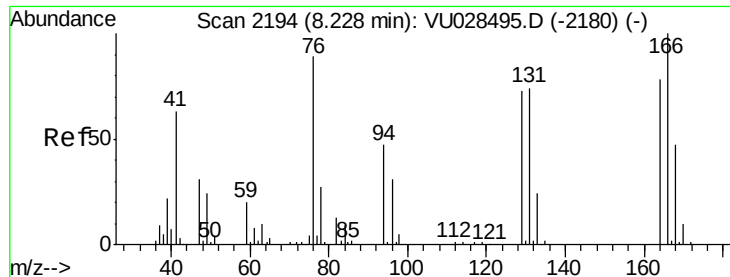
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: VU028559.D
 Acq: 10 Dec 2018 18:23

Tgt Ion: 117 Resp: 145846
 Ion Ratio Lower Upper
 117 100
 82 62.1 48.9 73.3
 119 31.5 26.2 39.4



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





#64

Tetrachloroethene

Concen: 1.353 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028559.D

Acq: 10 Dec 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

RE-123D2-20181207

Tot Ion:164 Resp: 1316

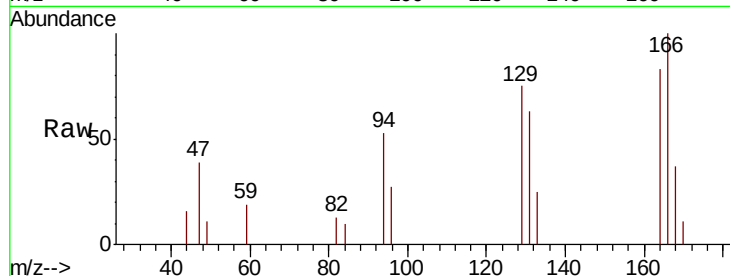
Ion Ratio Lower Upper

164 100

166 119.8 101.9 152.9

129 90.1 74.9 112.3

131 74.9 75.4 113.0#

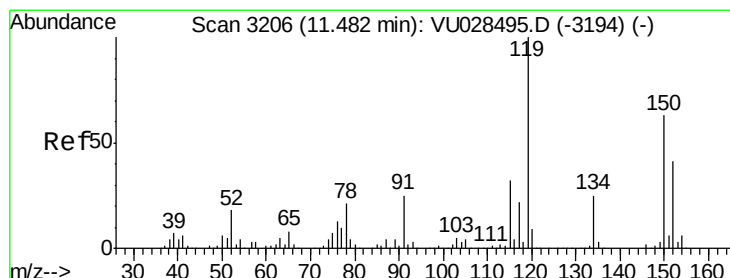
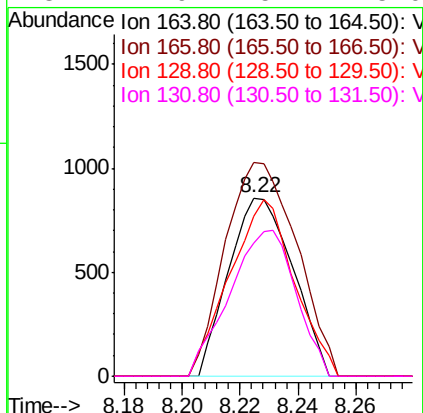
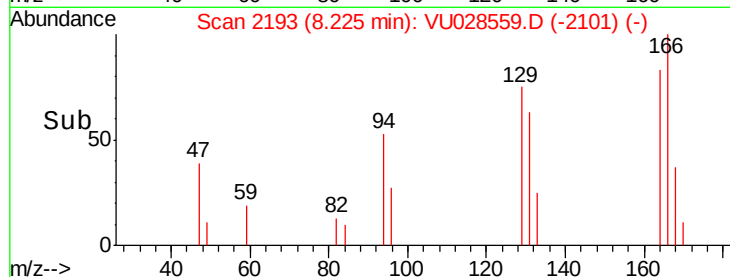


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028559.D

Acq: 10 Dec 2018 18:23

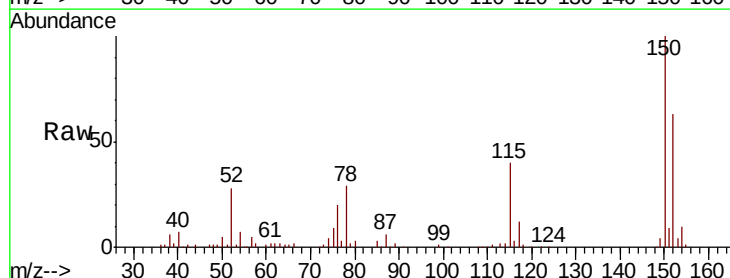
Tgt Ion:152 Resp: 58188

Ion Ratio Lower Upper

152 100

115 61.8 42.7 128.1

150 156.4 0.0 346.0



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

