

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028400.D
 Acq On : 29 Nov 2018 17:43
 Operator : MD/SY
 Sample : J6134-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-7

Quant Time: Nov 30 07:55:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

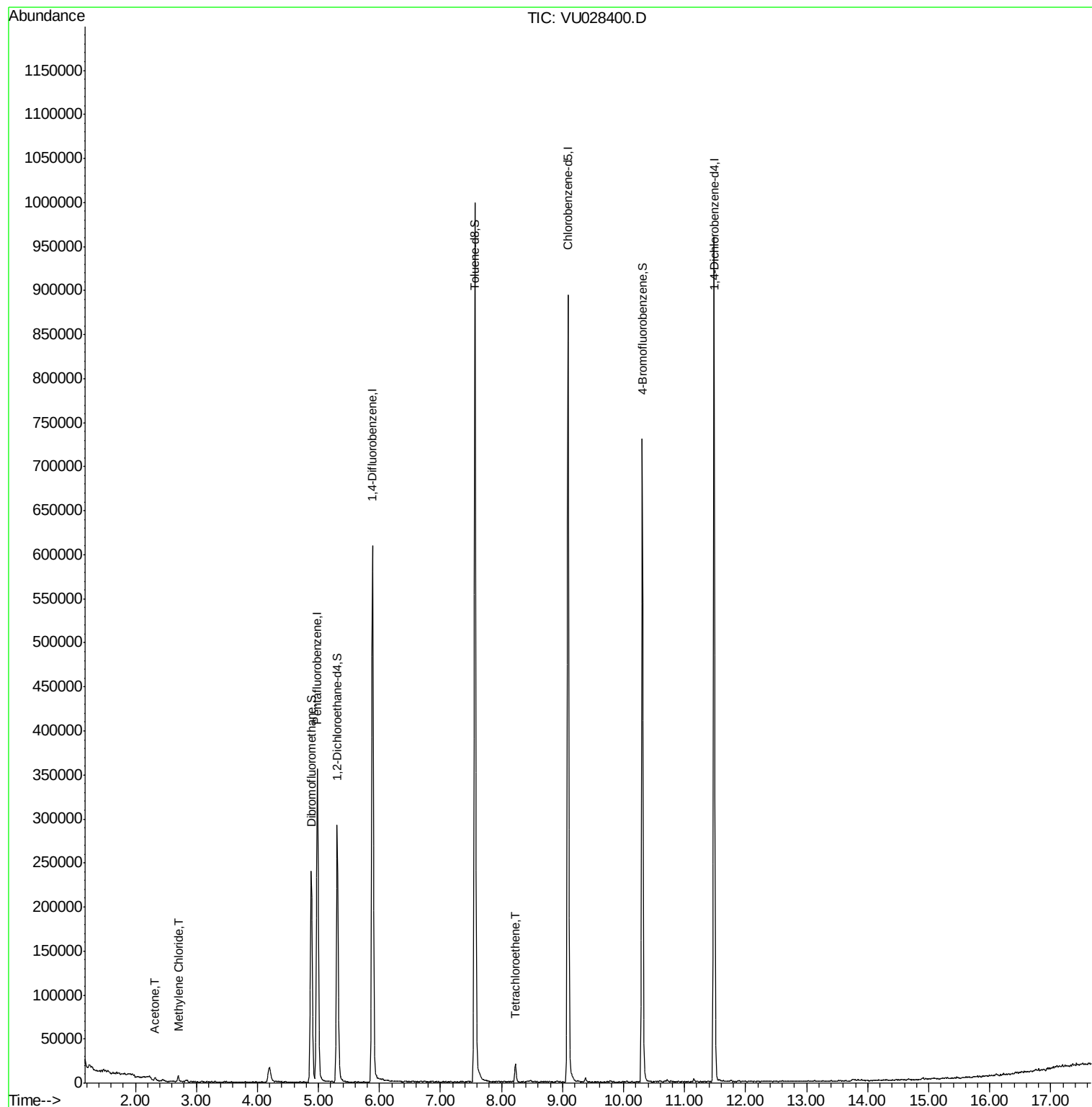
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	255553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	482373	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	468905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	223543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	223655	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
35) Dibromofluoromethane	4.88	113	165284	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	7.57	98	657340	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	10.30	95	246394	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
Target Compounds						
16) Acetone	2.32	43	4150	1.588	ug/l #	83
20) Methylene Chloride	2.70	84	2398	0.577	ug/l	96
64) Tetrachloroethene	8.23	164	4364	1.415	ug/l	95

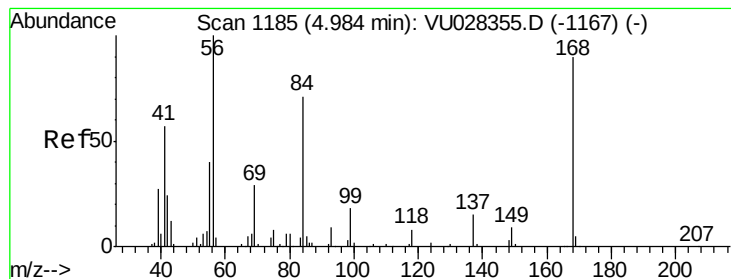
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028400.D

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MSVOA_U

ClientSampleId :

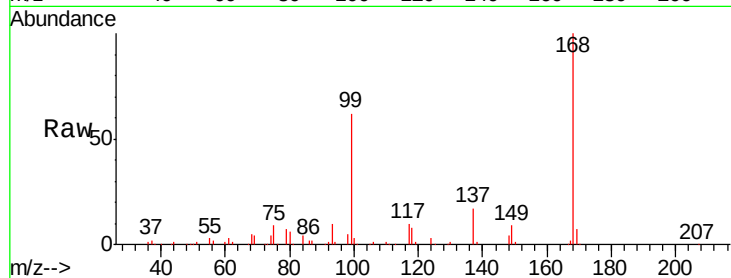
MW-7

Tgt Ion:168 Resp: 255553

Ion Ratio Lower Upper

168 100

99 61.6 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

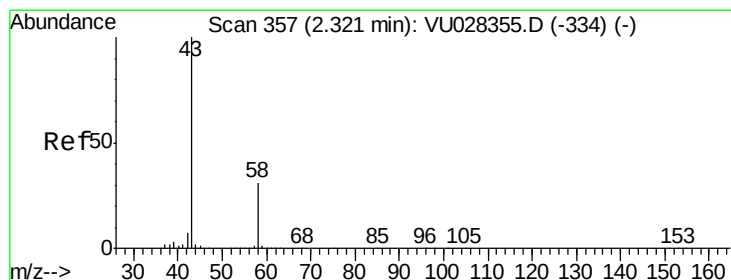
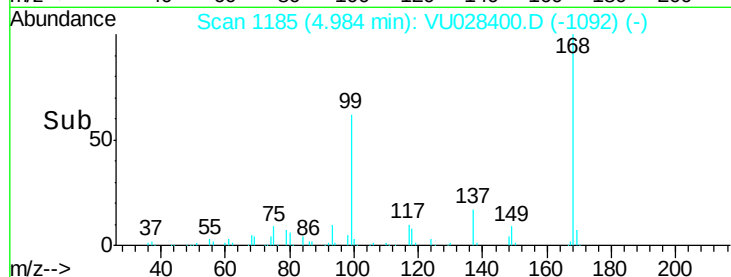
100000

50000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 1.588 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028400.D

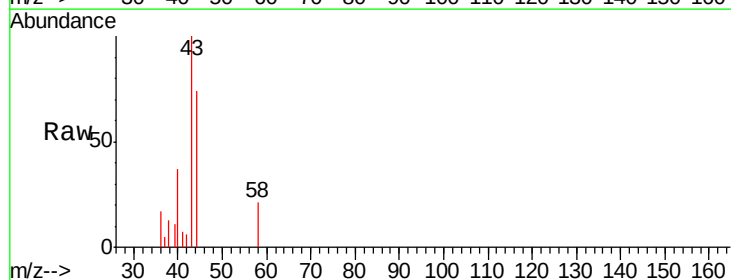
Acq: 29 Nov 2018 17:43

Tgt Ion: 43 Resp: 4150

Ion Ratio Lower Upper

43 100

58 21.2 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

2500

2000

1500

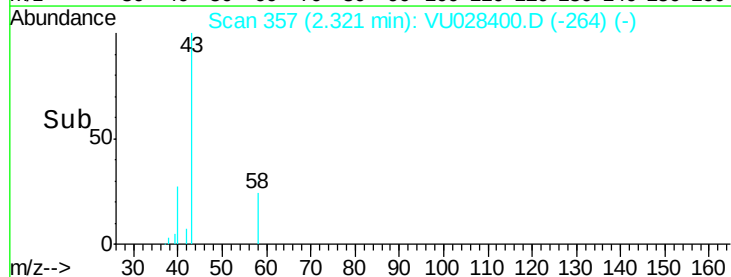
1000

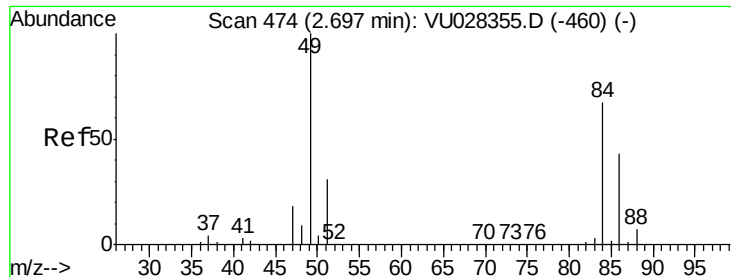
500

0

2.25 2.30 2.35

Time-->

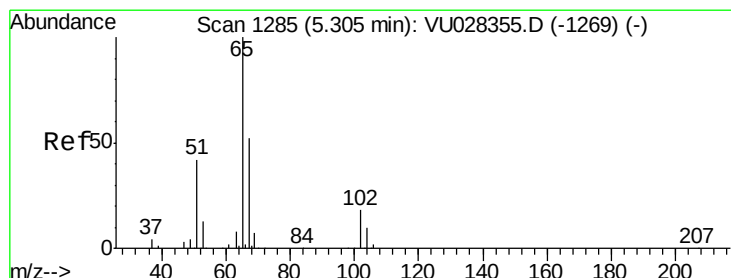
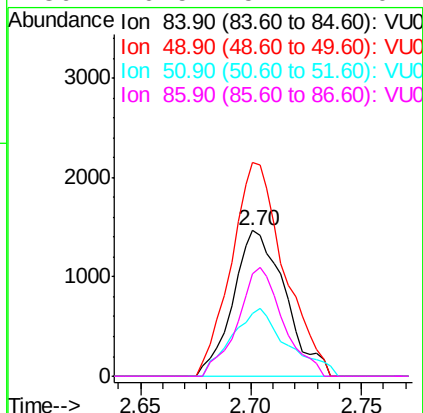
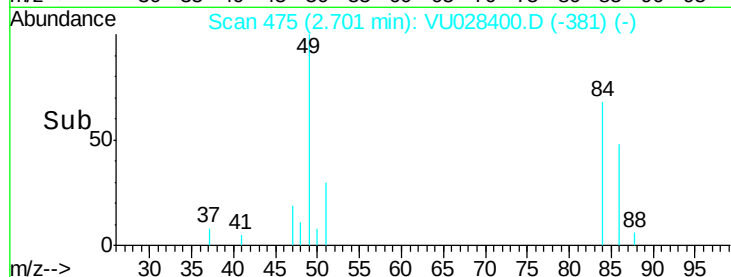
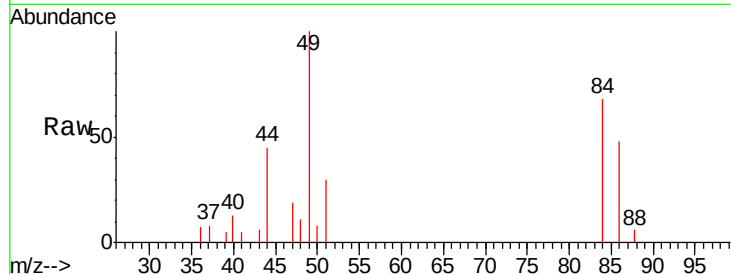




#20
Methylene Chloride
Concen: 0.577 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028400.D
Acq: 29 Nov 2018 17:43

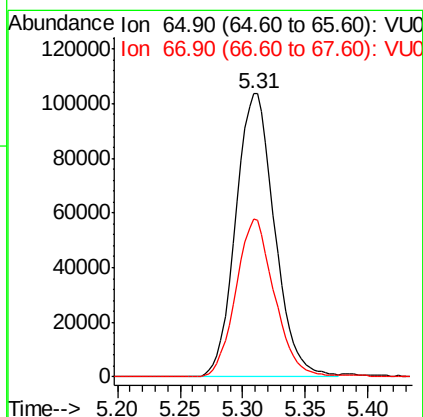
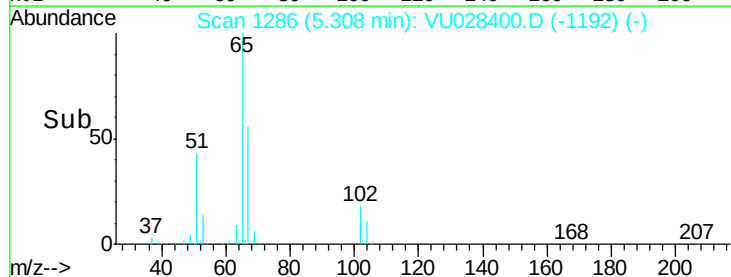
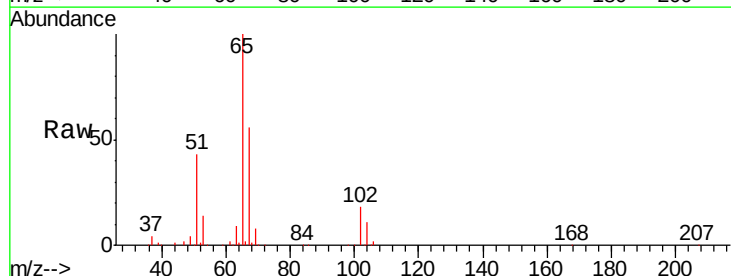
Instrument :
MSVOA_U
ClientSampleId :
MW-7

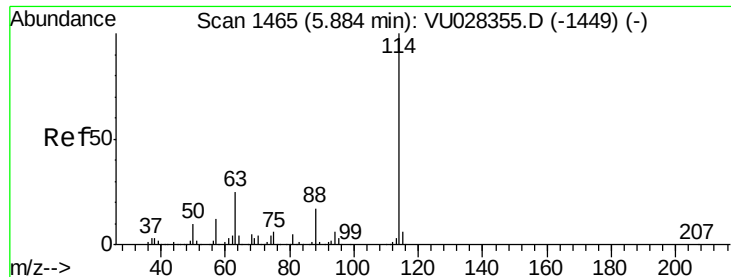
Tgt Ion: 84 Resp: 2398
Ion Ratio Lower Upper
84 100
49 146.5 120.0 180.0
51 43.4 36.9 55.3
86 70.5 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 52.367 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028400.D
Acq: 29 Nov 2018 17:43

Tgt Ion: 65 Resp: 223655
Ion Ratio Lower Upper
65 100
67 55.0 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028400.D

Acq: 29 Nov 2018 17:43

Instrument :

MSVOA_U

ClientSampleId :

MW-7

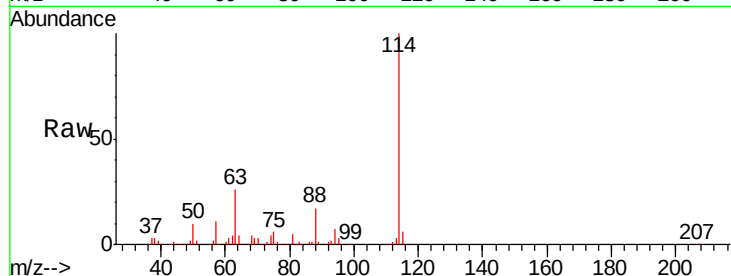
Tgt Ion:114 Resp: 482373

Ion Ratio Lower Upper

114 100

63 26.1 0.0 50.0

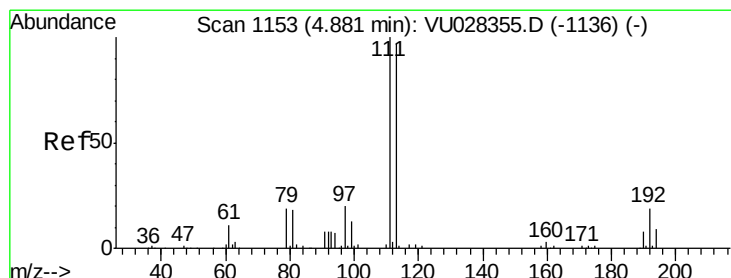
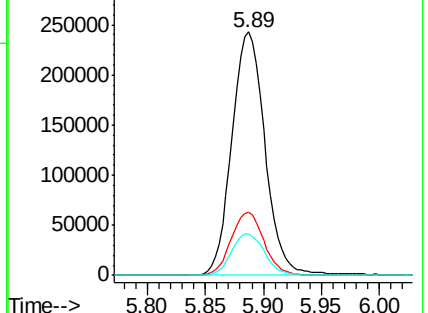
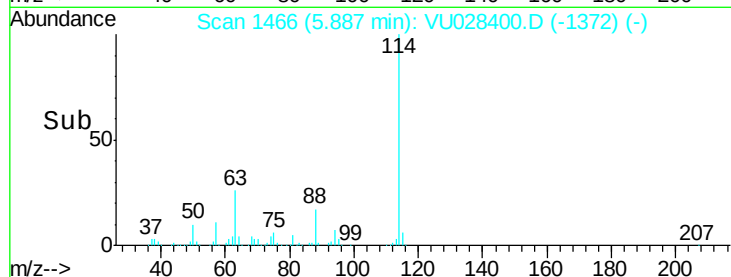
88 16.8 0.0 34.4



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: 51.529 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU028400.D

Acq: 29 Nov 2018 17:43

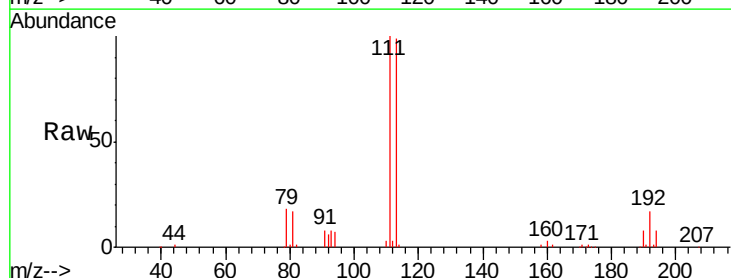
Tgt Ion:113 Resp: 165284

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

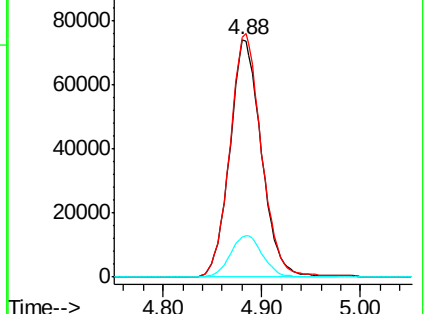
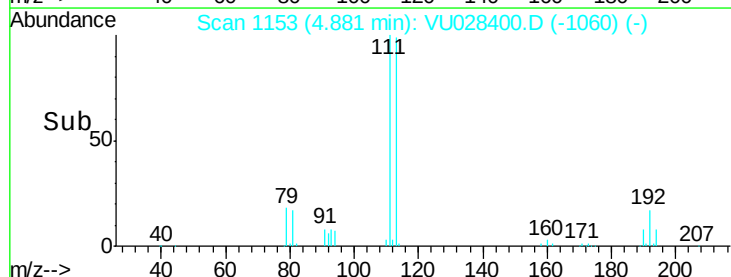
192 18.0 15.4 23.0

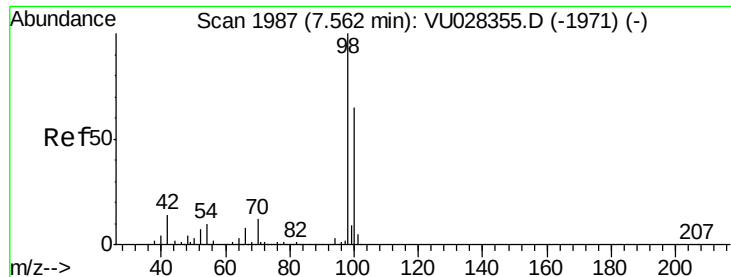


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.242 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028400.D

Acq: 29 Nov 2018 17:43

Instrument :

MSVOA_U

ClientSampleId :

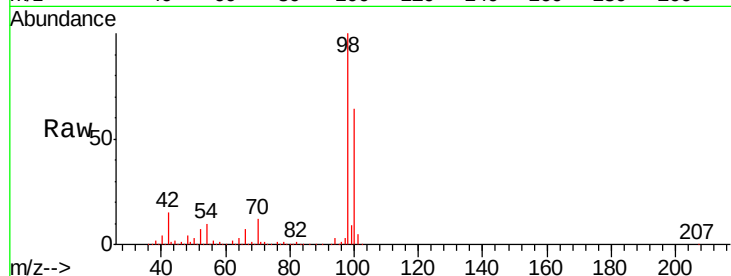
MW-7

Tgt Ion: 98 Resp: 657340

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)

7.57

400000

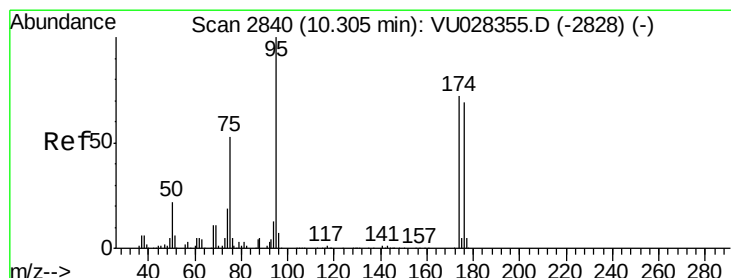
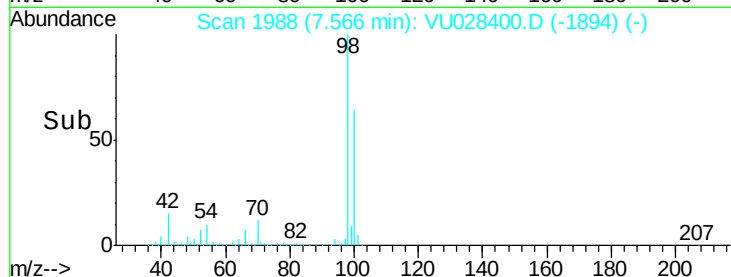
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.290 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028400.D

Acq: 29 Nov 2018 17:43

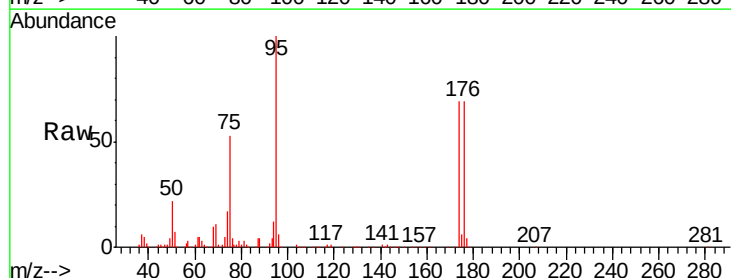
Tgt Ion: 95 Resp: 246394

Ion Ratio Lower Upper

95 100

174 71.3 0.0 145.4

176 70.2 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028355.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028355.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028355.D (-2828) (-)

200000

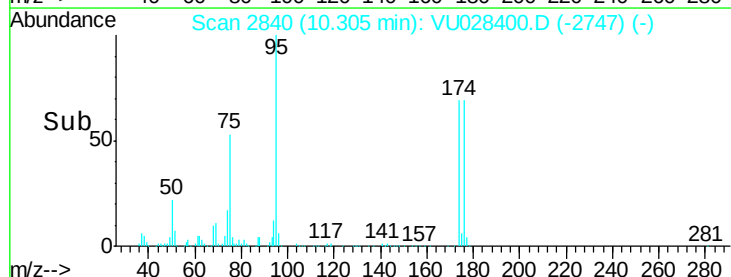
150000

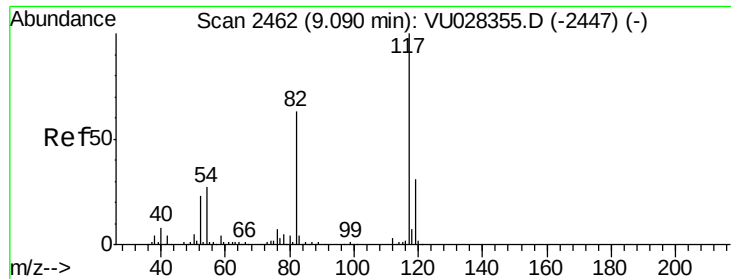
100000

50000

0

Time-->

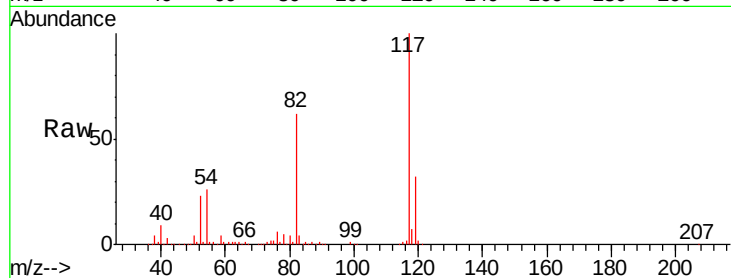




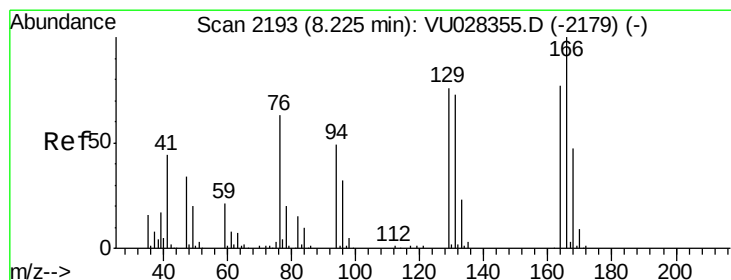
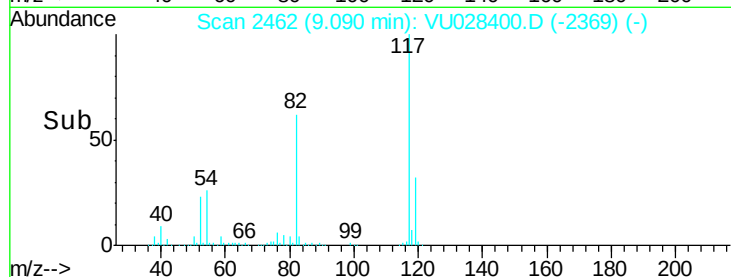
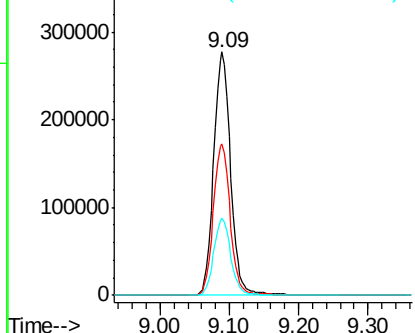
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028400.D
Acq: 29 Nov 2018 17:43

Instrument :
MSVOA_U
ClientSampleId :
MW-7

Tgt Ion:117 Resp: 468905
Ion Ratio Lower Upper
117 100
82 62.2 50.3 75.5
119 31.6 24.8 37.2

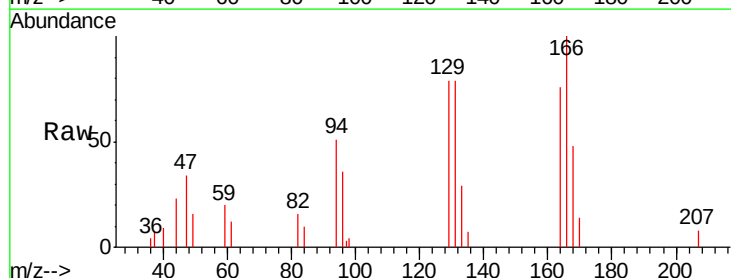


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

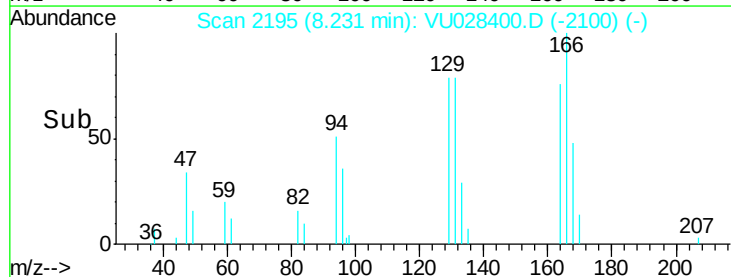
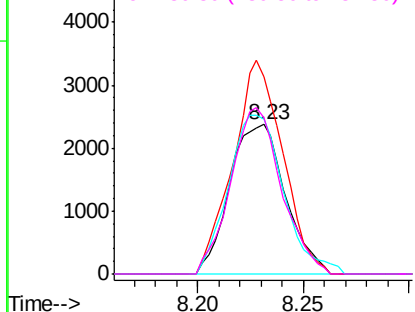


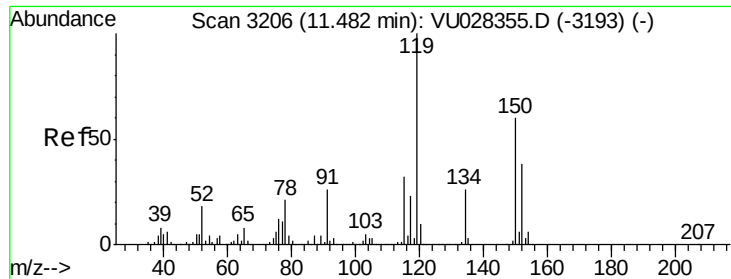
#64
Tetrachloroethene
Concen: 1.415 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VU028400.D
Acq: 29 Nov 2018 17:43

Tgt Ion:164 Resp: 4364
Ion Ratio Lower Upper
164 100
166 131.8 104.0 156.0
129 103.9 79.2 118.8
131 104.2 75.7 113.5



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: VU028400.D

Acq: 29 Nov 2018 17:43

Instrument :

MSVOA_U

ClientSampleId :

MW-7

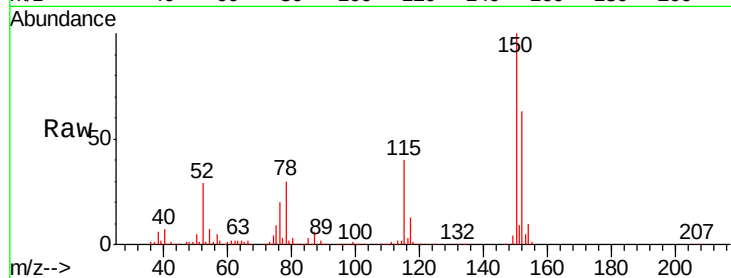
Tgt Ion:152 Resp: 223543

Ion Ratio Lower Upper

152 100

115 62.5 45.0 134.8

150 159.5 0.0 349.2



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

