

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060033.D
 Acq On : 17 Sep 2018 20:48
 Operator : JC/SY
 Sample : J4929-09
 Misc : 6.27g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-PIT-11

Quant Time: Sep 18 05:32:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

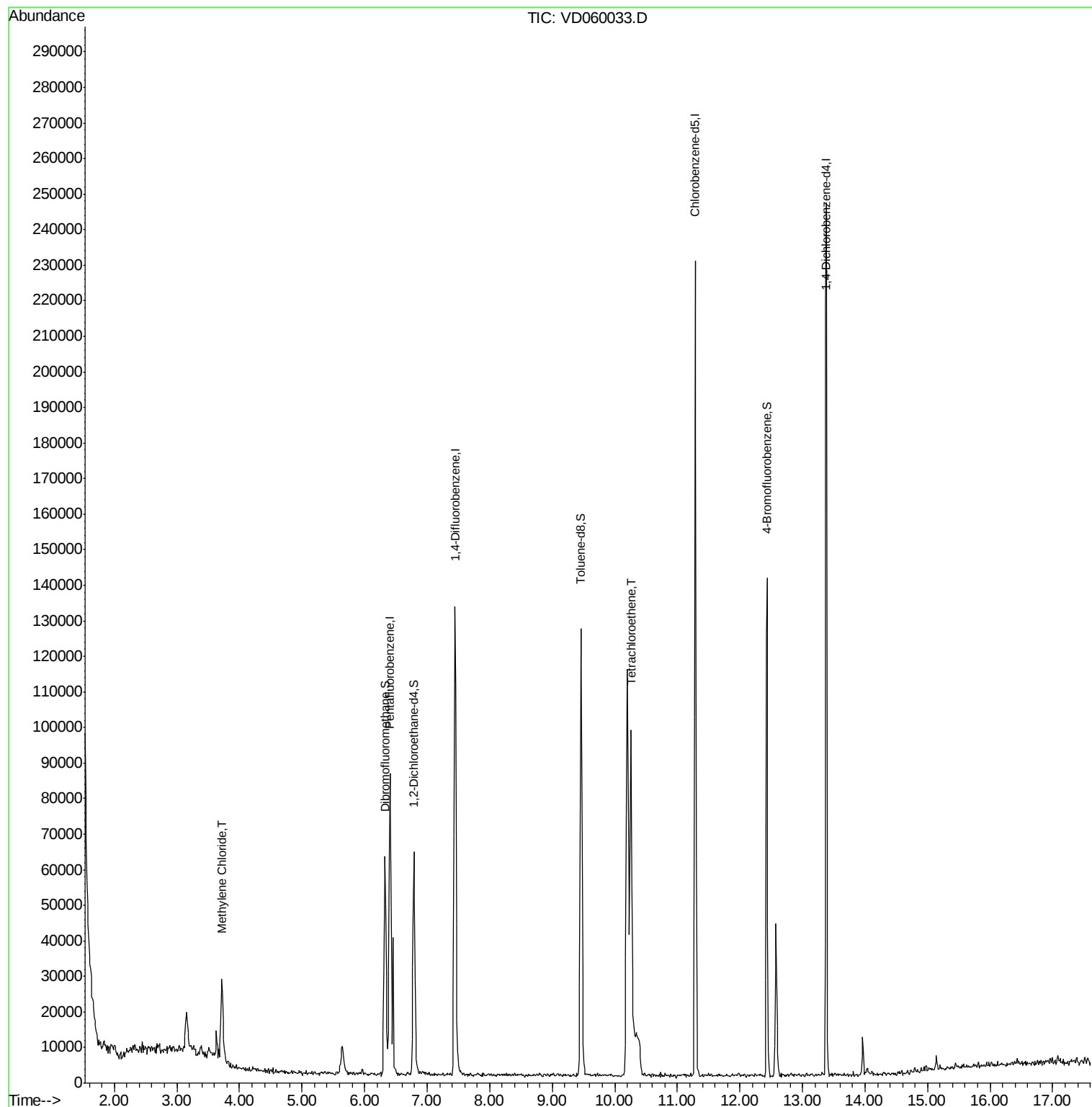
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	79744	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	133853	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	118065	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	59821	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	52051	83.70	ug/l	0.02
Spiked Amount 50.000			Recovery	=	167.40%	
35) Dibromofluoromethane	6.33	113	49644	47.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.94%	
50) Toluene-d8	9.45	98	100694	34.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	69.48%	
62) 4-Bromofluorobenzene	12.43	95	42596	38.47	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.94%	
Target Compounds						
20) Methylene Chloride	3.72	84	13642	10.24	ug/l	# 87
64) Tetrachloroethene	10.26	164	23415	22.48	ug/l	94

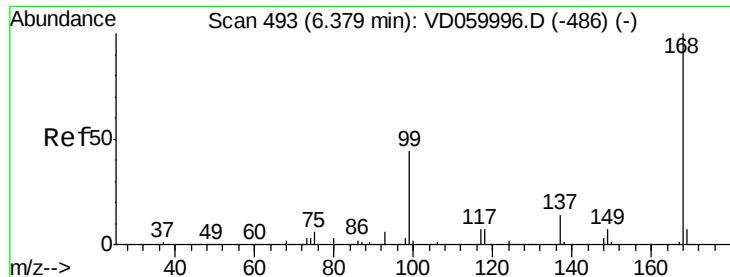
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091718\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060033.D

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ClientSampleId :

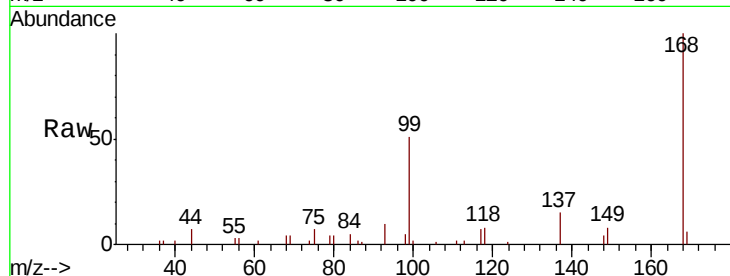
SP-PIT-11

Tot Ion:168 Resp: 79744

Ion Ratio Lower Upper

168 100

99 50.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

30000

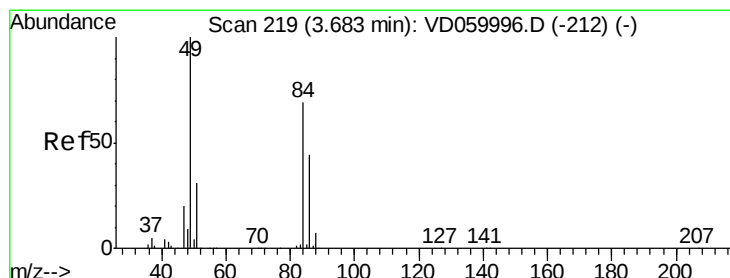
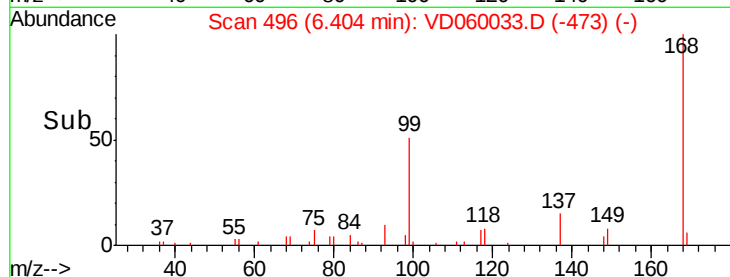
20000

10000

0

Time-->

6.30 6.40 6.50



#20

Methylene Chloride

Concen: 10.24 ug/l

RT: 3.72 min Scan# 223

Delta R.T. 0.04 min

Lab File: VD060033.D

Acq: 17 Sep 2018 20:48

Tgt Ion: 84 Resp: 13642

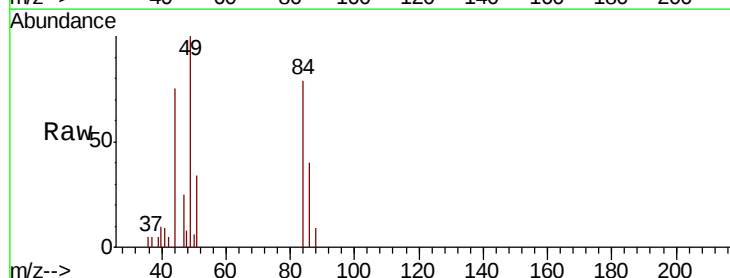
Ion Ratio Lower Upper

84 100

49 127.1 116.6 175.0

51 43.4 35.9 53.9

86 51.1 51.8 77.6#



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

10000

8000

6000

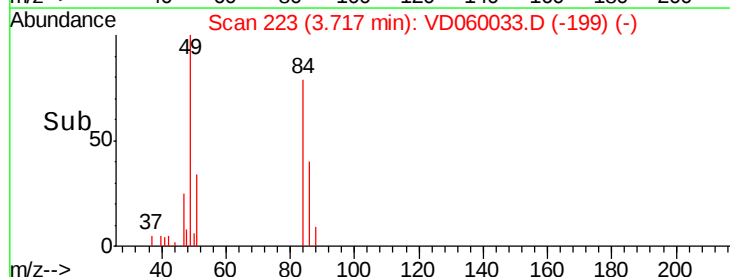
4000

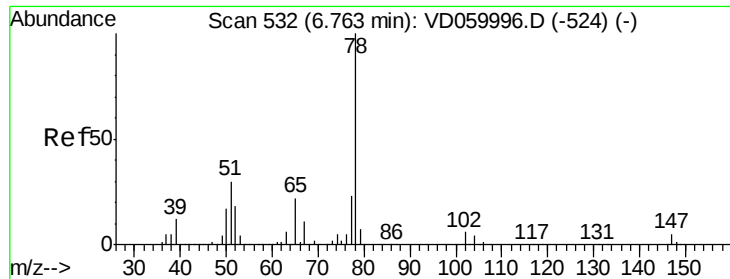
2000

0

Time-->

3.65 3.70 3.75 3.80





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.02 min

Lab File: VD060033.D

Acq: 17 Sep 2018 20:48

Instrument :

MSVOA_D

ClientSampleId :

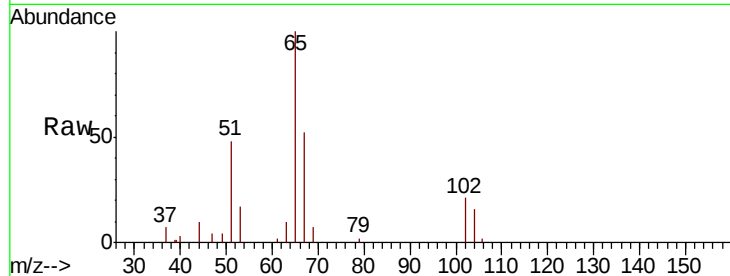
SP-PIT-11

Tot Ion: 65 Resp: 52051

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.79

25000

20000

15000

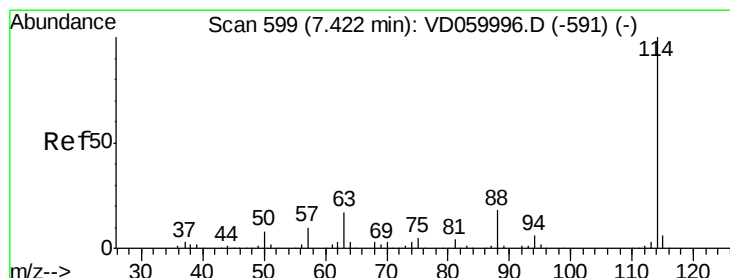
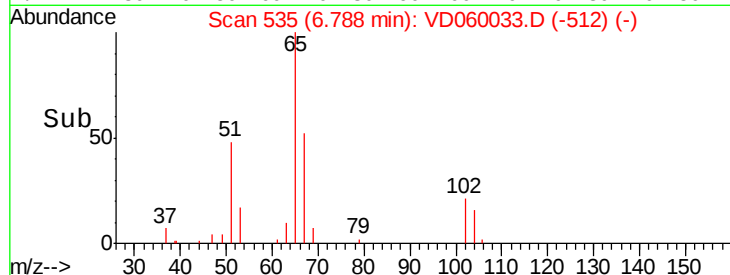
10000

5000

0

6.70 6.80 6.90

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 602

Delta R.T. 0.02 min

Lab File: VD060033.D

Acq: 17 Sep 2018 20:48

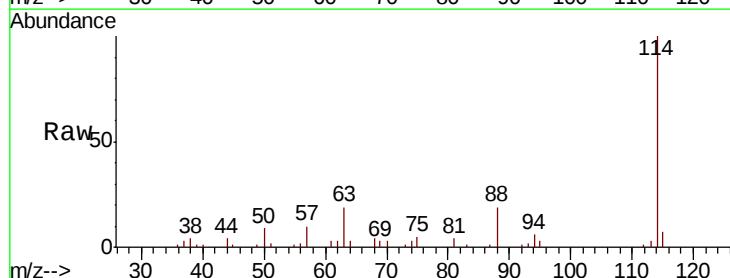
Tgt Ion: 114 Resp: 133853

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.4

88 18.8 0.0 35.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

80000

60000

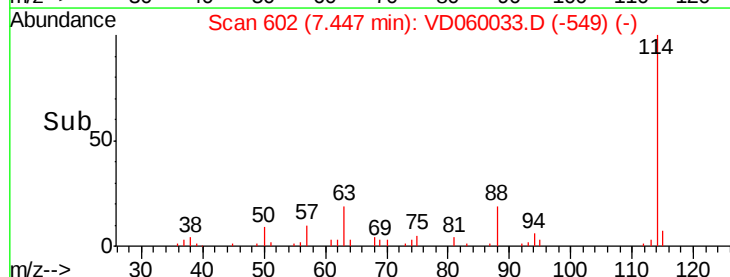
40000

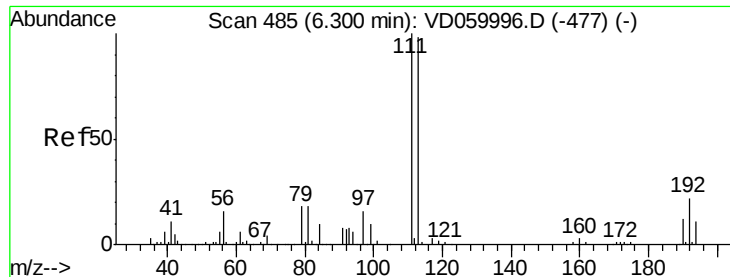
20000

0

7.30 7.40 7.50 7.60

Time-->

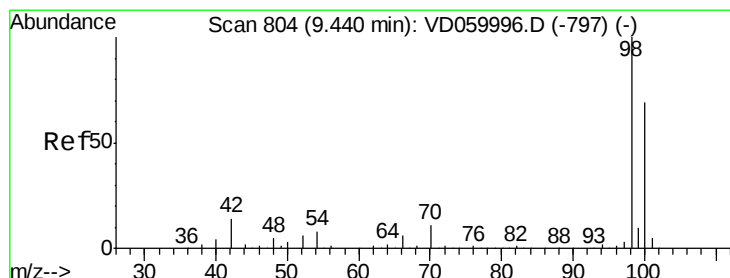
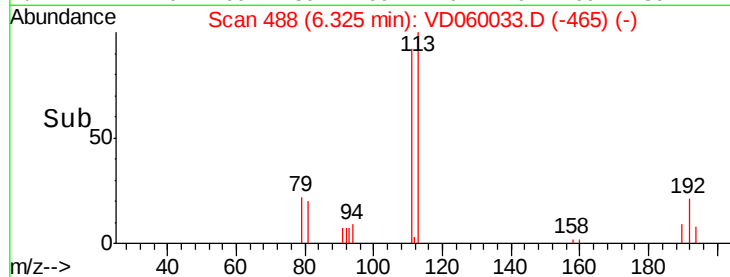
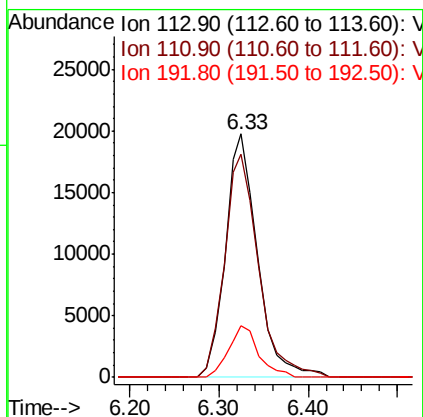
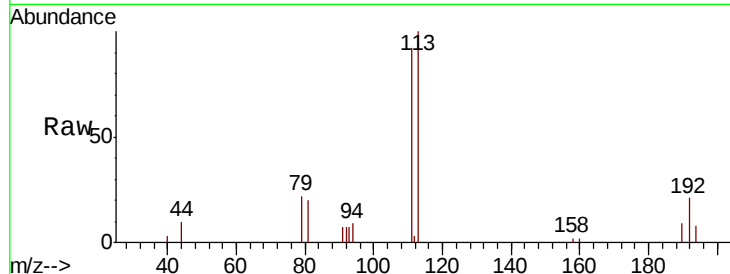




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.02 min
 Lab File: VD060033.D
 Acq: 17 Sep 2018 20:48

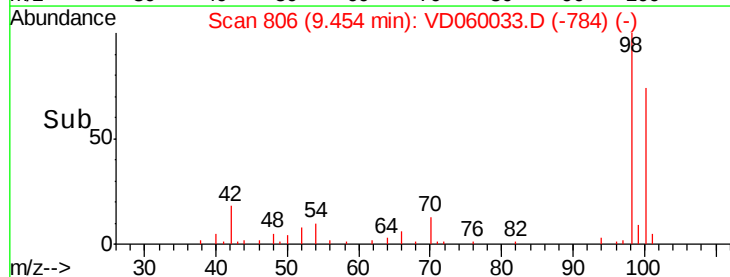
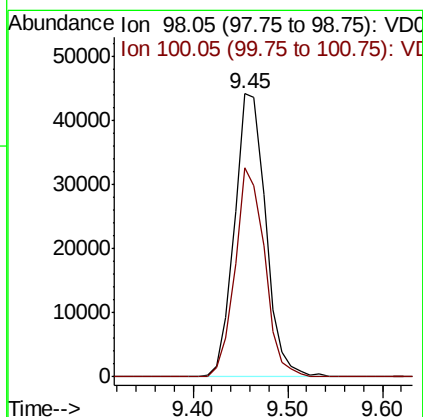
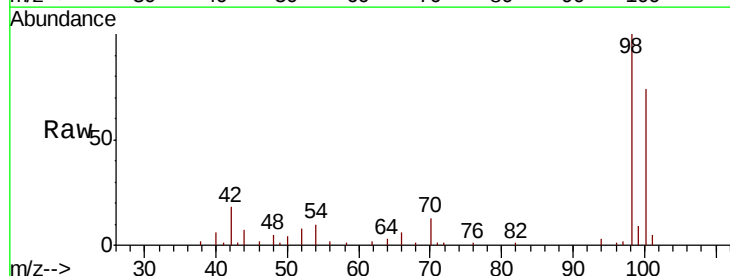
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-PIT-11

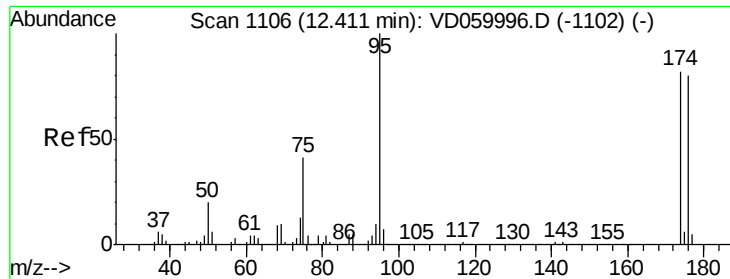
Tot Ion:113 Resp: 49644
 Ion Ratio Lower Upper
 113 100
 111 91.9 81.3 121.9
 192 20.9 18.1 27.1



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VD060033.D
 Acq: 17 Sep 2018 20:48

Tgt Ion: 98 Resp: 100694
 Ion Ratio Lower Upper
 98 100
 100 73.8 55.8 83.6

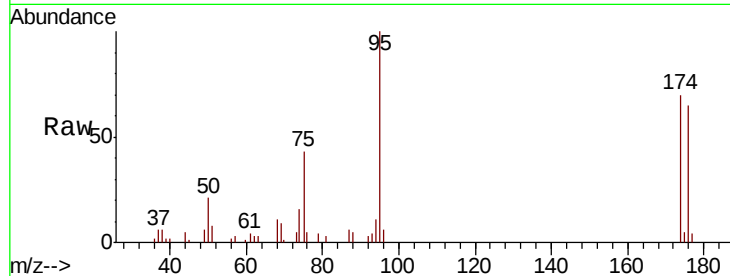




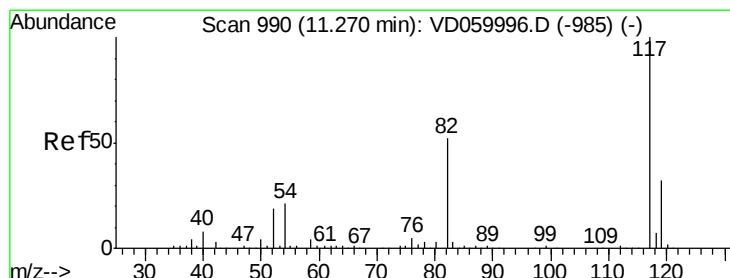
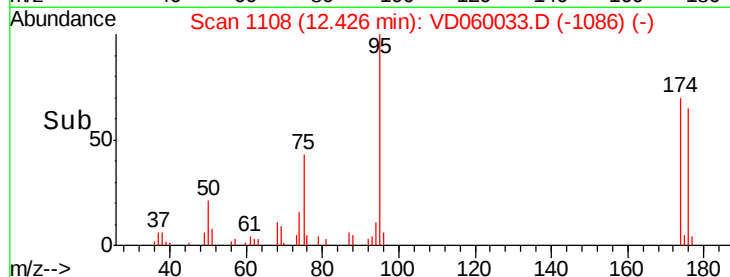
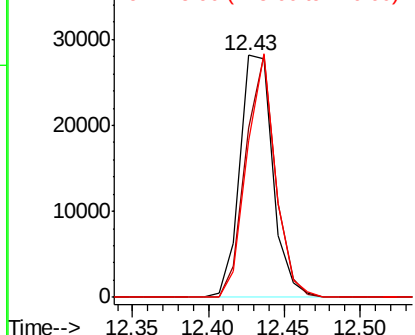
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: VD060033.D
 Acq: 17 Sep 2018 20:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-PIT-11

Tot Ion: 95 Resp: 42596
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 165.0
 176 64.7 0.0 160.2

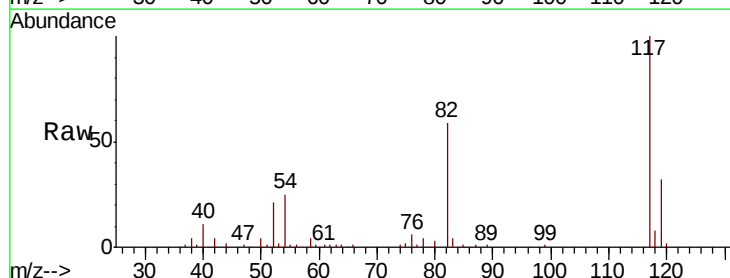


Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

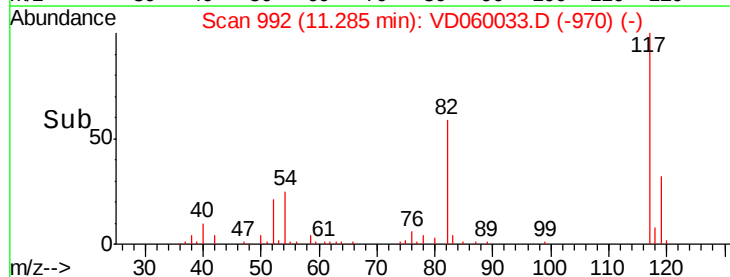
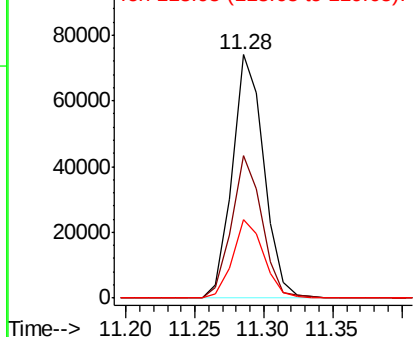


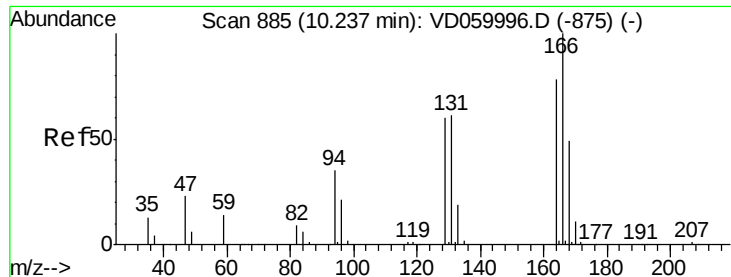
#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.28 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VD060033.D
 Acq: 17 Sep 2018 20:48

Tgt Ion: 117 Resp: 118065
 Ion Ratio Lower Upper
 117 100
 82 58.7 41.7 62.5
 119 32.5 26.0 39.0



Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

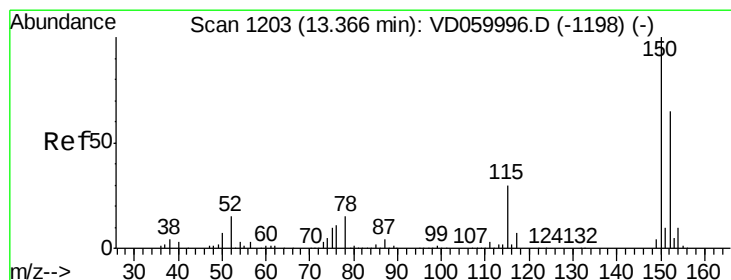
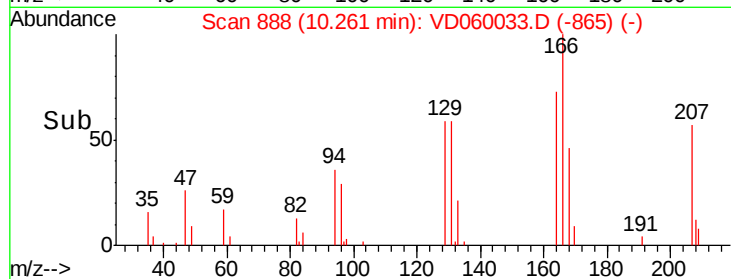
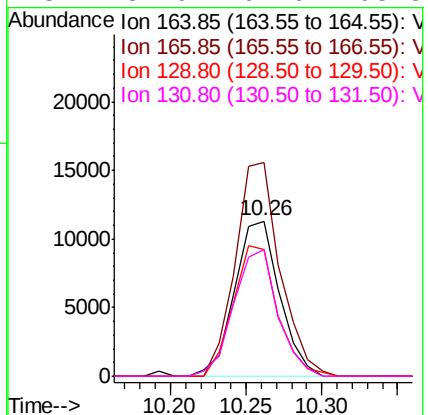
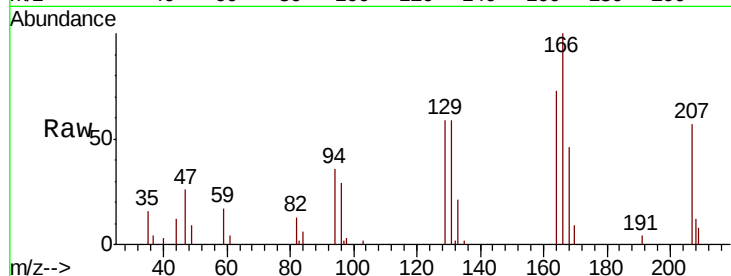




#64
Tetrachloroethene
Concen: 22.48 ug/l
RT: 10.26 min Scan# 888
Delta R.T. 0.02 min
Lab File: VD060033.D
Acq: 17 Sep 2018 20:48

Instrument :
MSVOA_D
ClientSampleId :
SP-PIT-11

Tot Ion:164 Resp: 23415
Ion Ratio Lower Upper
164 100
166 137.6 103.0 154.6
129 81.8 61.9 92.9
131 81.9 62.6 93.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.01 min
Lab File: VD060033.D
Acq: 17 Sep 2018 20:48

Tgt Ion:152 Resp: 59821
Ion Ratio Lower Upper
152 100
115 46.6 24.6 73.8
150 156.1 0.0 313.4

