

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060682.D
 Acq On : 21 Dec 2018 14:26
 Operator : VA/AP
 Sample : J6481-02RE
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2RE

Quant Time: Dec 21 15:17:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

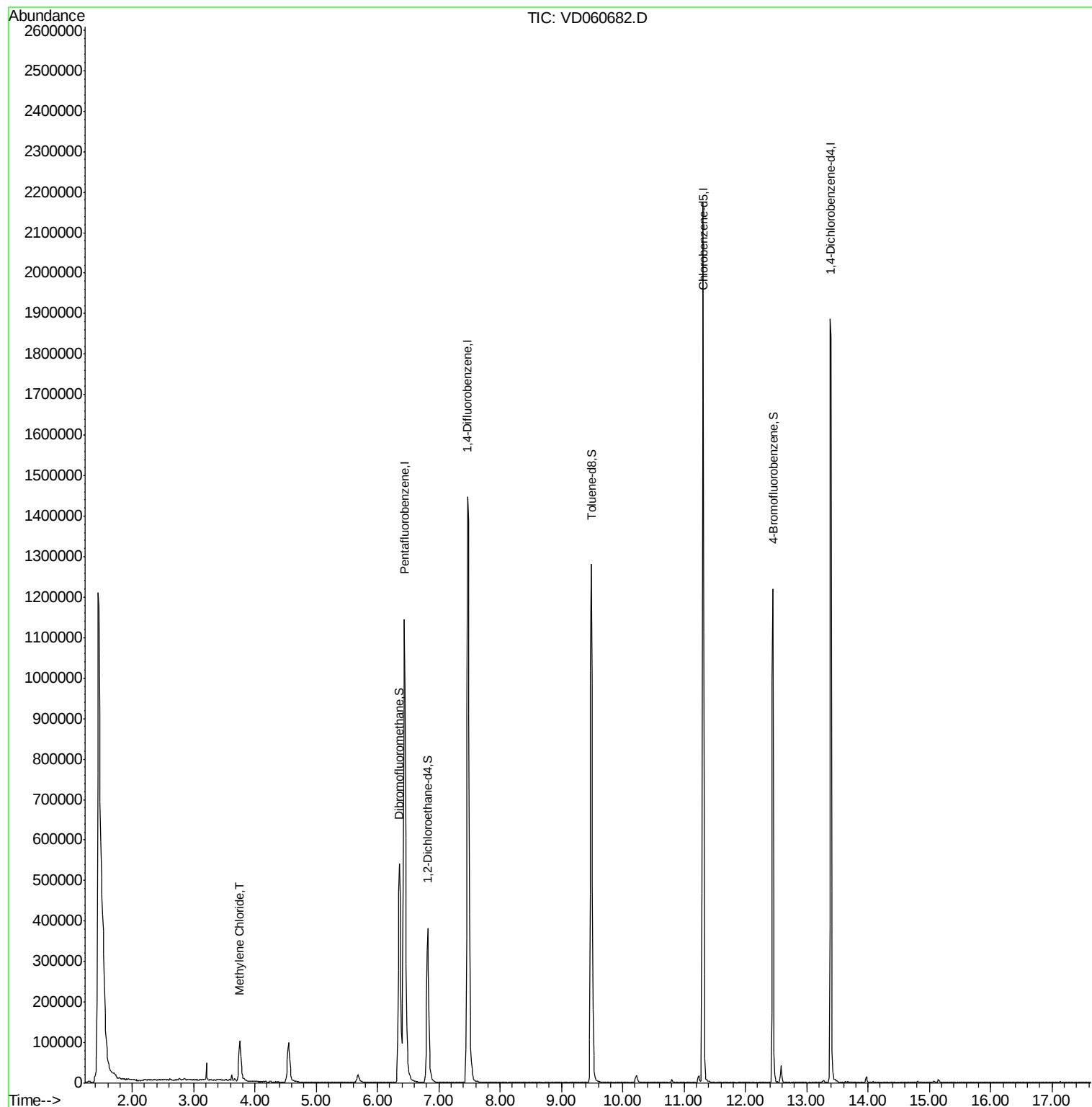
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1130930	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.48	114	1557337	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.31	117	1173297	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	499706	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.82	65	309465	39.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.20%	
35) Dibromofluoromethane	6.36	113	428396	37.58	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.16%	
50) Toluene-d8	9.49	98	1026188	30.17	ug/l	0.03
Spiked Amount 50.000			Recovery	=	60.34%	
62) 4-Bromofluorobenzene	12.45	95	345740	29.03	ug/l	0.03
Spiked Amount 50.000			Recovery	=	58.06%	
Target Compounds						
20) Methylene Chloride	3.75	84	66509	4.692	ug/l	Qvalue 95

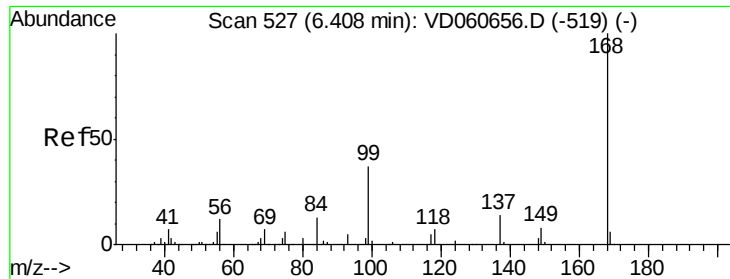
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060682.D

Acq: 21 Dec 2018 14:26

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MSVOA_D

ClientSampleId :

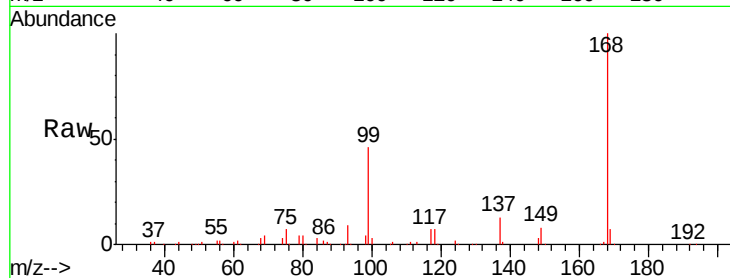
SW-PROP-2RE

Tgt Ion:168 Resp: 1130930

Ion Ratio Lower Upper

168 100

99 46.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.44

400000

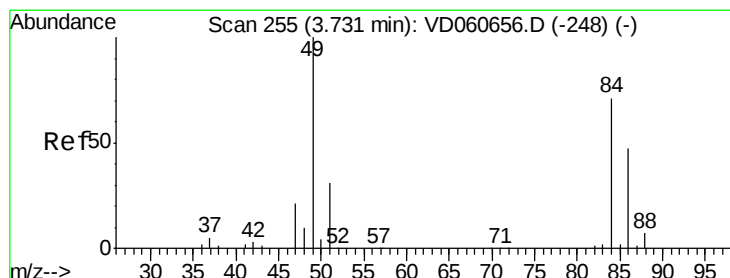
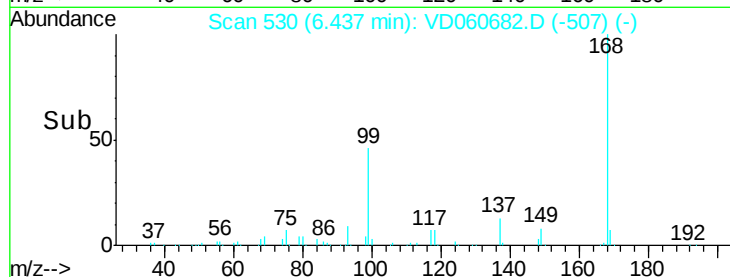
300000

200000

100000

0

Time--> 6.30 6.40 6.50 6.60



#20

Methylene Chloride

Concen: 4.692 ug/l

RT: 3.75 min Scan# 257

Delta R.T. 0.02 min

Lab File: VD060682.D

Acq: 21 Dec 2018 14:26

Tgt Ion: 84 Resp: 66509

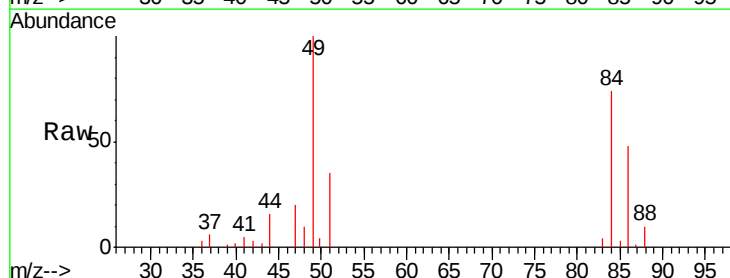
Ion Ratio Lower Upper

84 100

49 135.1 113.6 170.4

51 47.2 34.7 52.1

86 64.7 52.8 79.2



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

3.75

40000

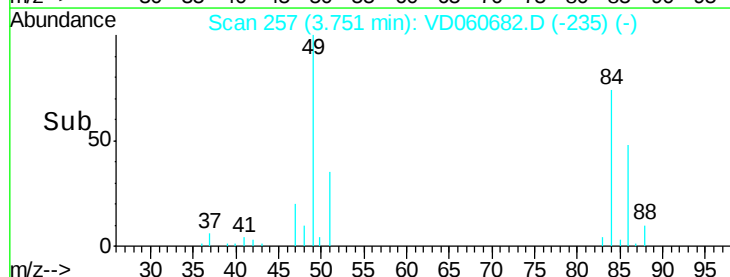
30000

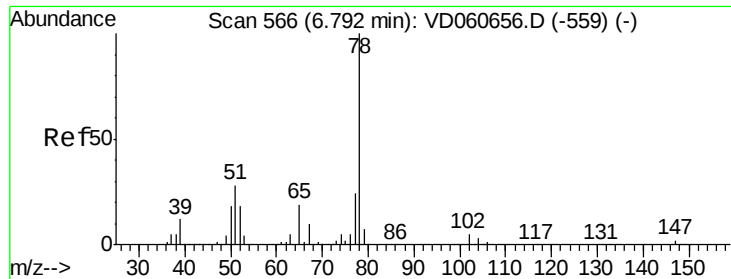
20000

10000

0

Time--> 3.60 3.70 3.80 3.90

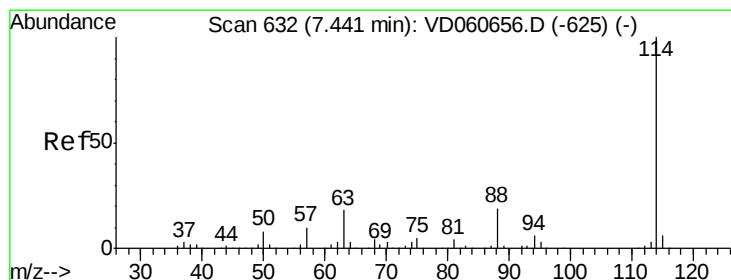
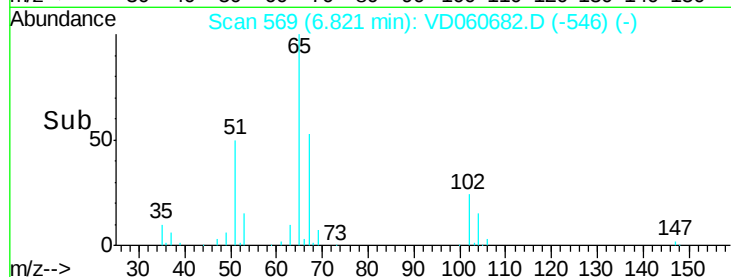
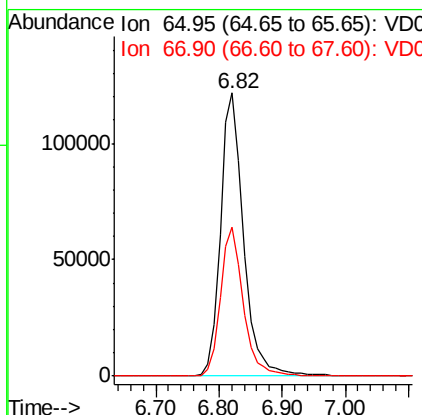
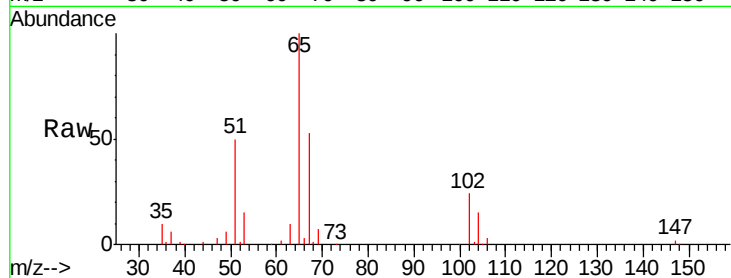




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.82 min Scan# 569
 Delta R.T. 0.03 min
 Lab File: VD060682.D
 Acq: 21 Dec 2018 14:26

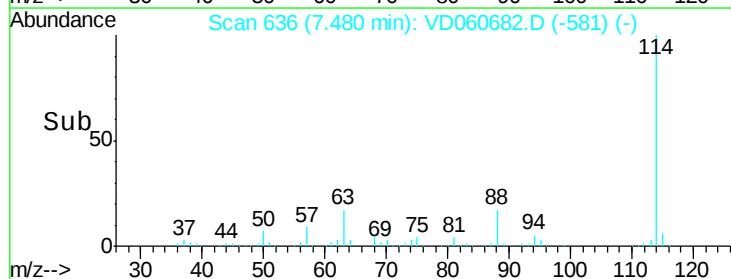
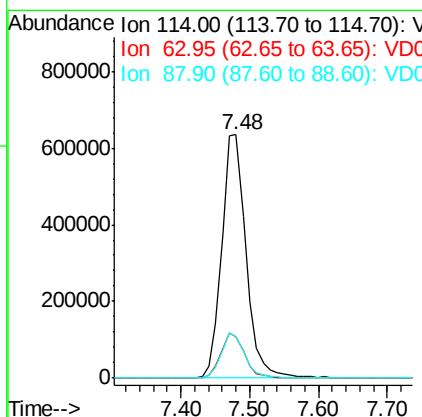
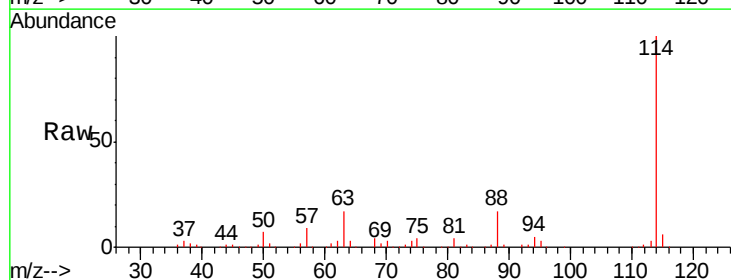
Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2RE

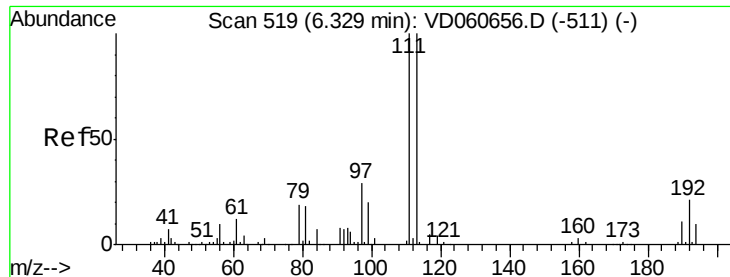
Tgt Ion: 65 Resp: 309465
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.48 min Scan# 636
 Delta R.T. 0.04 min
 Lab File: VD060682.D
 Acq: 21 Dec 2018 14:26

Tgt Ion: 114 Resp: 1557337
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 36.2
 88 17.0 0.0 37.0

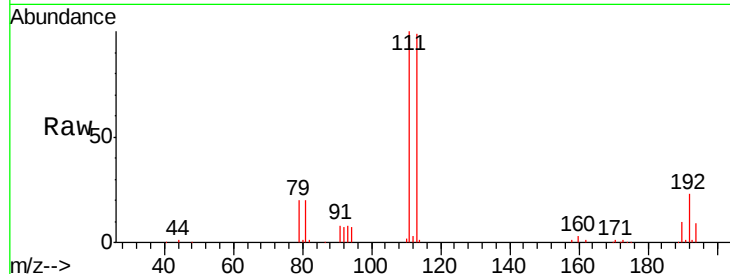




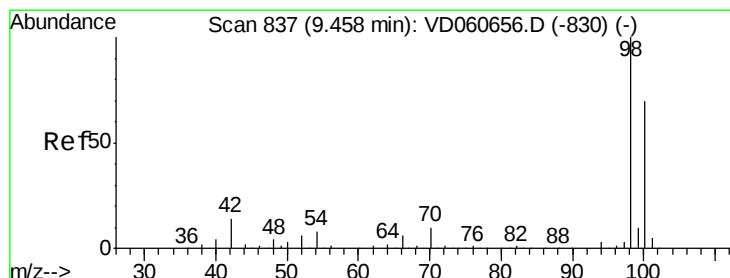
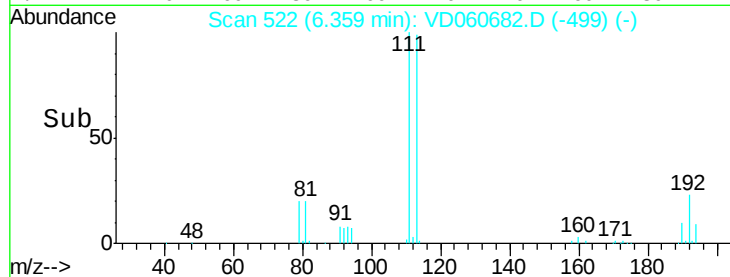
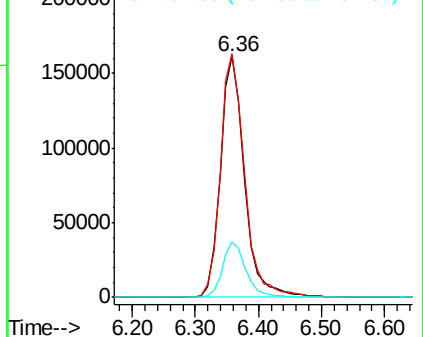
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.36 min Scan# 522
Delta R.T. 0.03 min
Lab File: VD060682.D
Acq: 21 Dec 2018 14:26

Instrument :
MSVOA_D
ClientSampleId :
SW-PROP-2RE

Tgt Ion:113 Resp: 428396
Ion Ratio Lower Upper
113 100
111 101.0 80.0 120.0
192 22.8 16.6 25.0

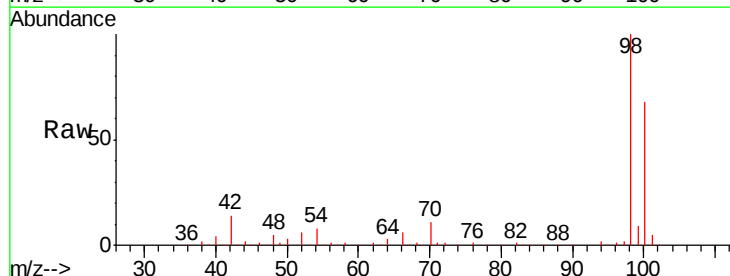


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

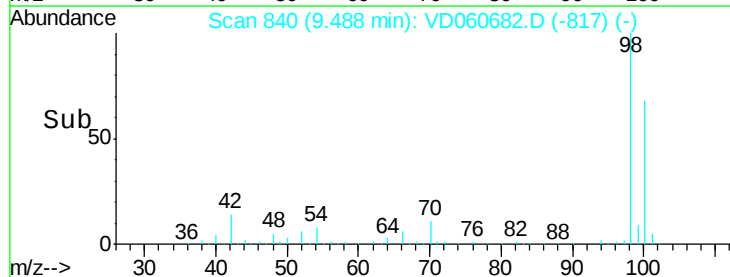
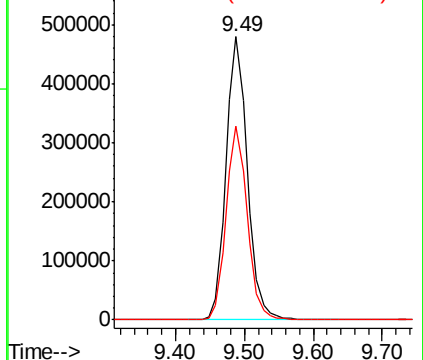


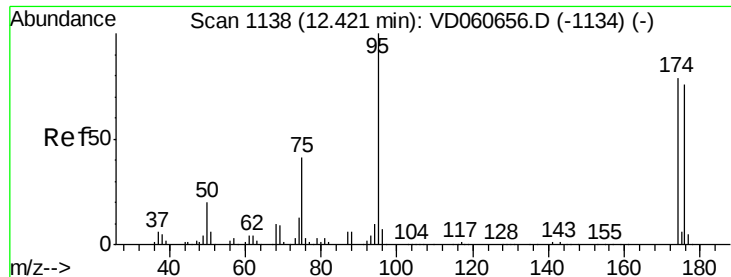
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060682.D
Acq: 21 Dec 2018 14:26

Tgt Ion: 98 Resp: 1026188
Ion Ratio Lower Upper
98 100
100 68.4 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.45 min Scan# 1141

Delta R.T. 0.03 min

Lab File: VD060682.D

Acq: 21 Dec 2018 14:26

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2RE

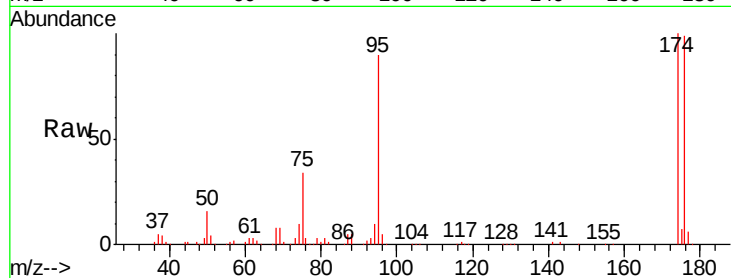
Tgt Ion: 95 Resp: 345740

Ion Ratio Lower Upper

95 100

174 110.5 0.0 158.2

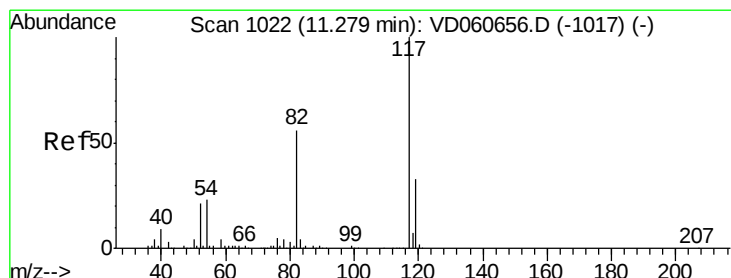
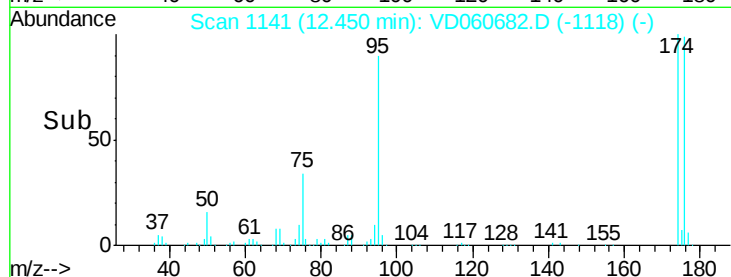
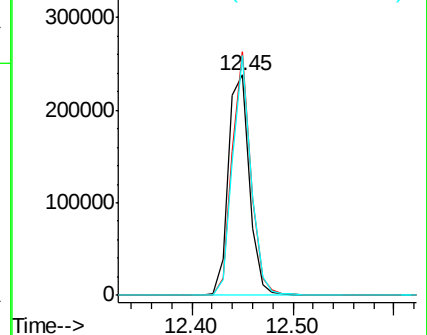
176 109.0 0.0 152.4



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: 50.000 ug/l

RT: 11.31 min Scan# 1025

Delta R.T. 0.03 min

Lab File: VD060682.D

Acq: 21 Dec 2018 14:26

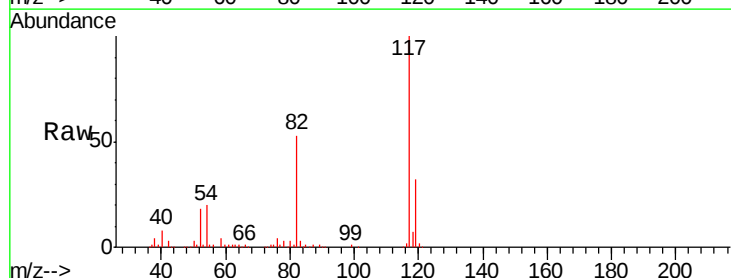
Tgt Ion: 117 Resp: 1173297

Ion Ratio Lower Upper

117 100

82 52.6 44.5 66.7

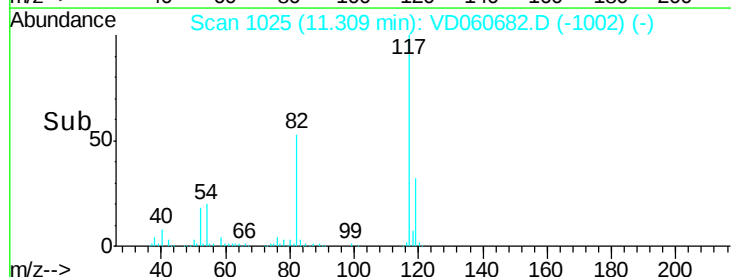
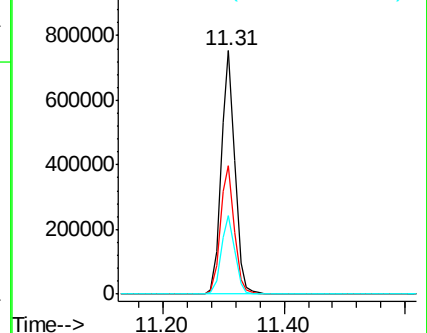
119 32.1 26.3 39.5

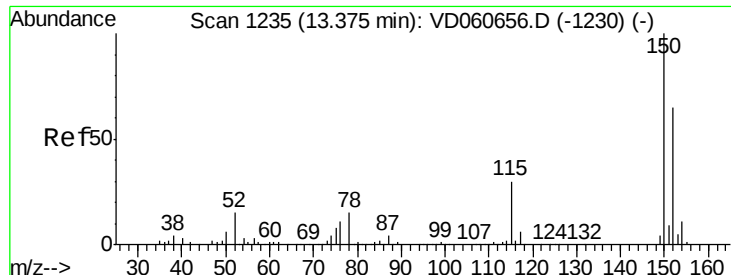


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



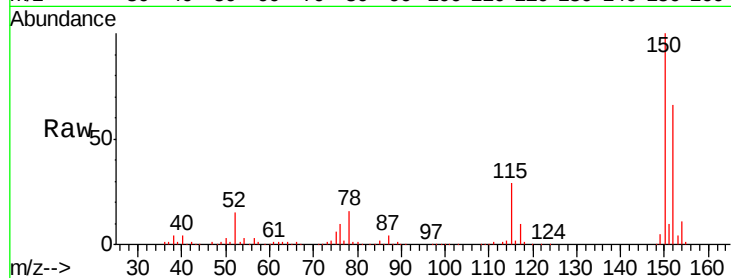


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.39 min Scan# 1237
 Delta R.T. 0.02 min
 Lab File: VD060682.D
 Acq: 21 Dec 2018 14:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	44.4	24.1	72.3
150	150.7	0.0	315.0



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

