

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
 Data File : VD060664.D
 Acq On : 20 Dec 2018 17:57
 Operator : VA/AP
 Sample : J6481-02
 Misc : 5.07g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2

Quant Time: Dec 21 05:58:04 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

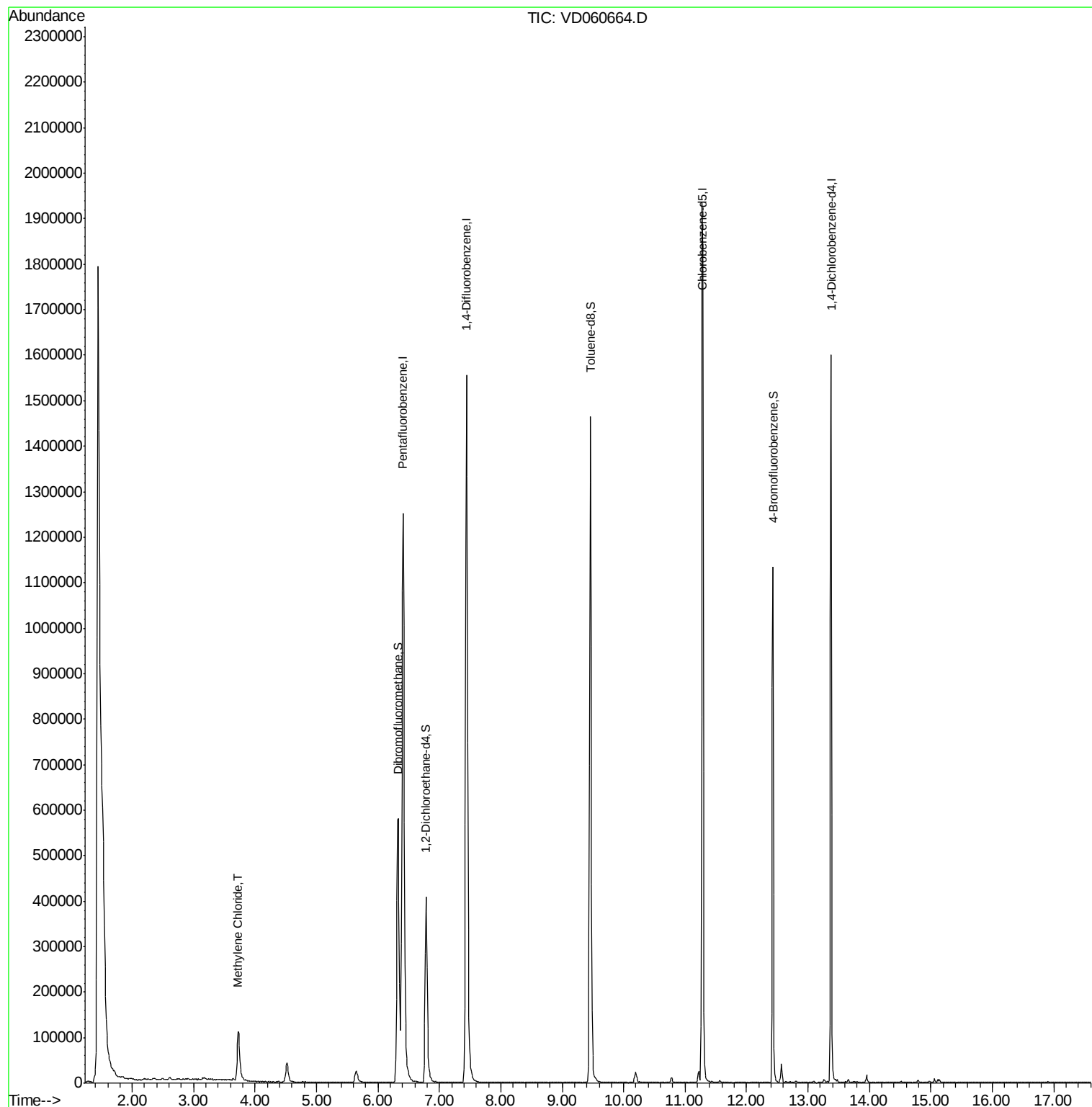
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1245281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	1650091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1116162	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	357272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	346180	40.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.46%	
35) Dibromofluoromethane	6.33	113	481399	39.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.72%	
50) Toluene-d8	9.46	98	1192563	33.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.18%	
62) 4-Bromofluorobenzene	12.43	95	322893	25.58	ug/l	0.01
Spiked Amount 50.000			Recovery	=	51.16%	
Target Compounds						
20) Methylene Chloride	3.72	84	74642	4.782	ug/l	Qvalue 95

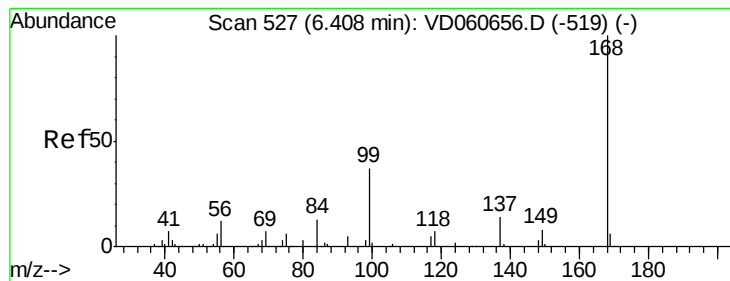
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 527

Delta R.T. 0.00 min

Lab File: VD060664.D

Acq: 20 Dec 2018 17:57

Instrument :

MSVOA_D

ClientSampleId :

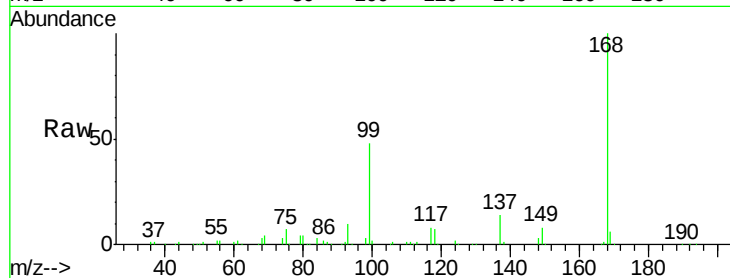
SW-PROP-2

Tgt Ion:168 Resp: 1245281

Ion Ratio Lower Upper

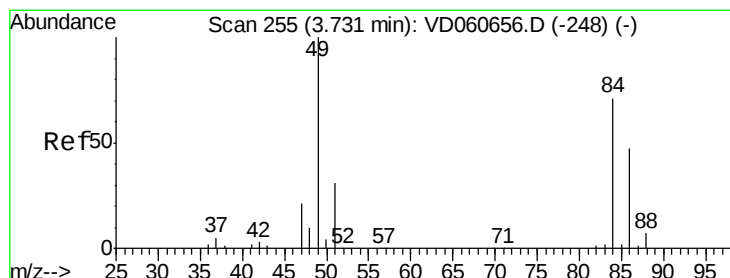
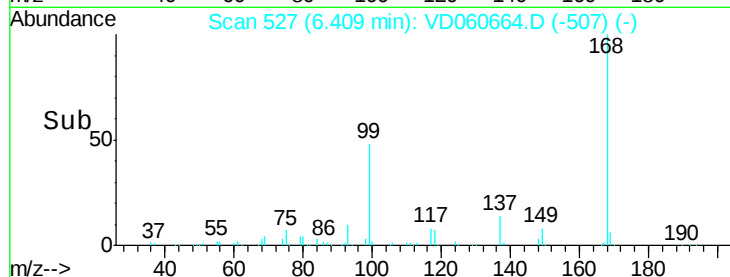
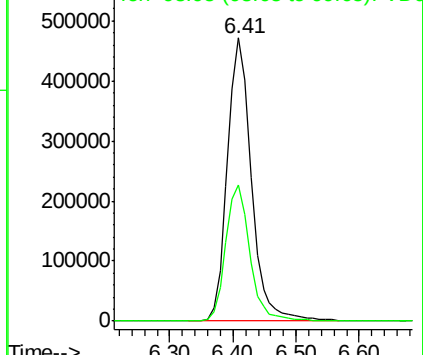
168 100

99 47.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 4.782 ug/l

RT: 3.72 min Scan# 254

Delta R.T. -0.01 min

Lab File: VD060664.D

Acq: 20 Dec 2018 17:57

Tgt Ion: 84 Resp: 74642

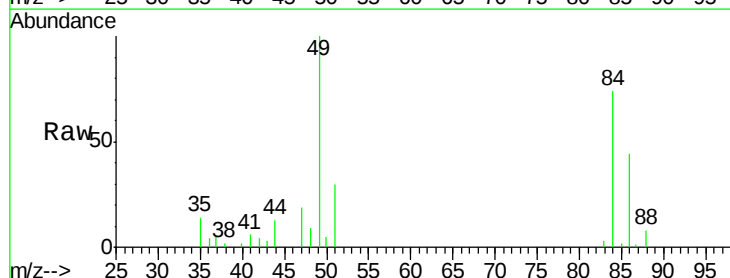
Ion Ratio Lower Upper

84 100

49 136.0 113.6 170.4

51 41.1 34.7 52.1

86 60.5 52.8 79.2

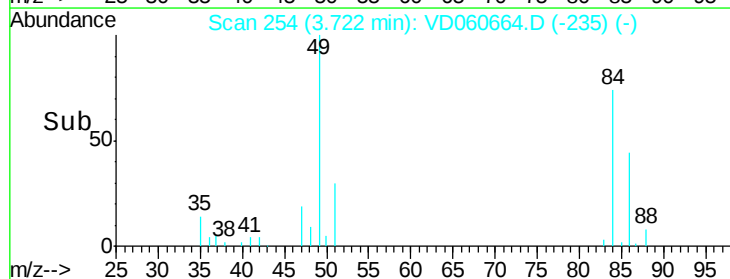
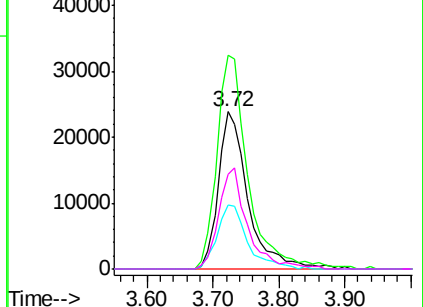


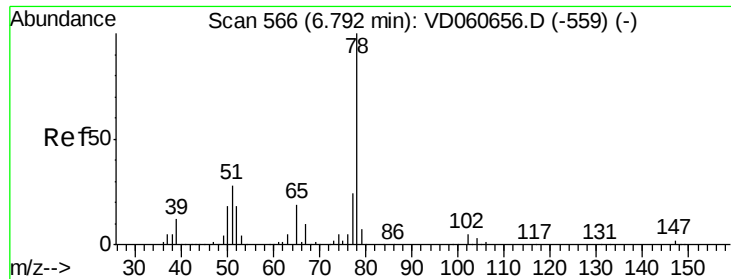
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

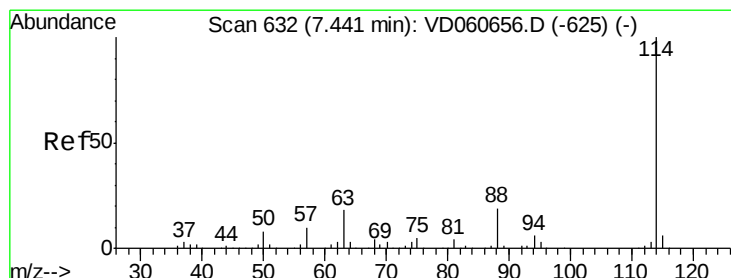
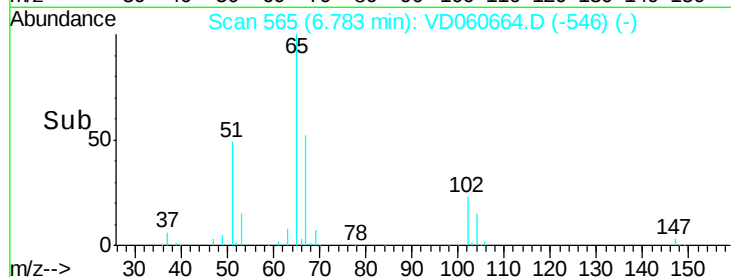
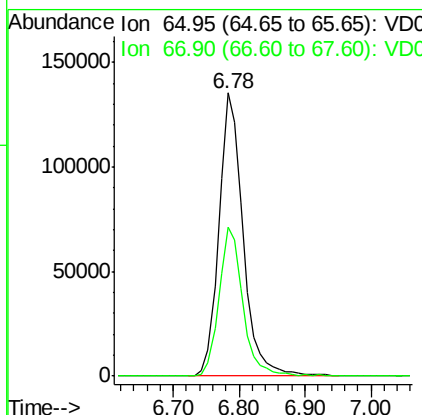
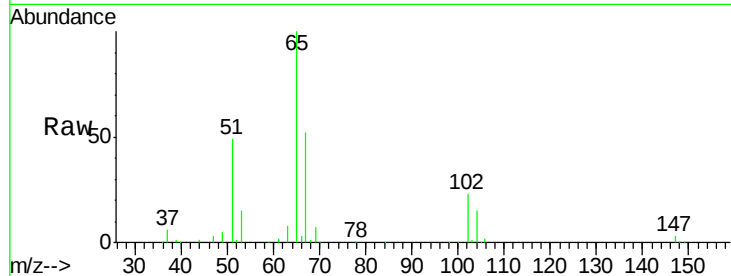




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VD060664.D
 Acq: 20 Dec 2018 17:57

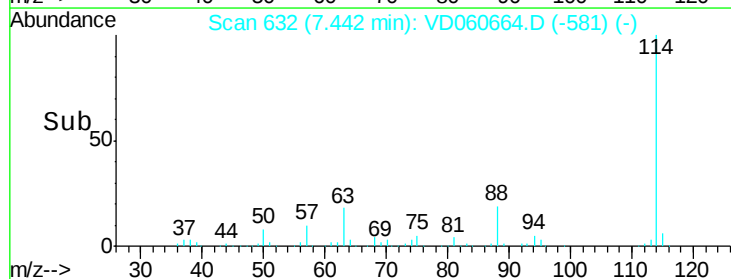
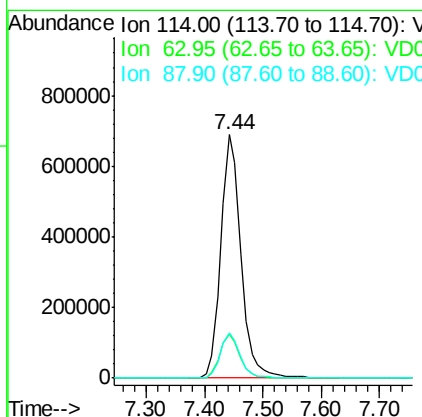
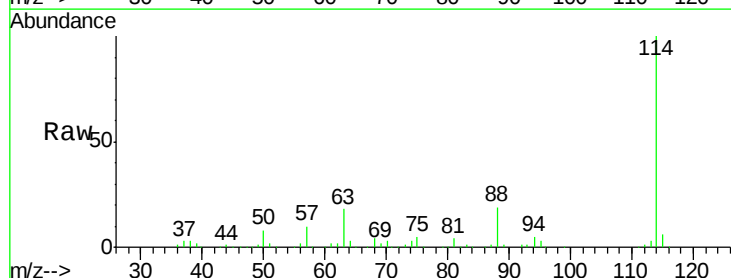
Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2

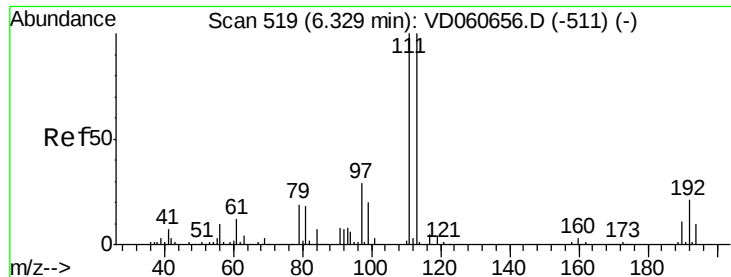
Tgt Ion: 65 Resp: 346180
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VD060664.D
 Acq: 20 Dec 2018 17:57

Tgt Ion: 114 Resp: 1650091
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.2
 88 18.6 0.0 37.0

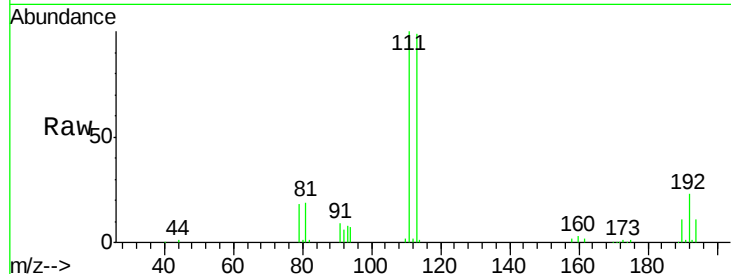




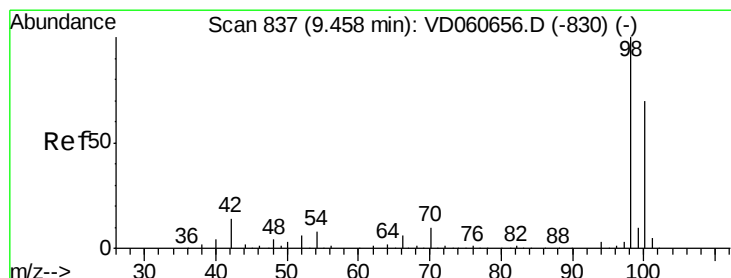
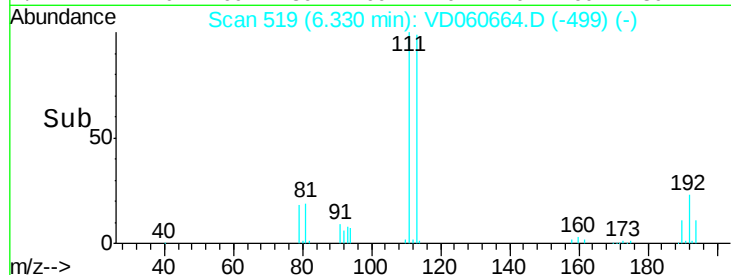
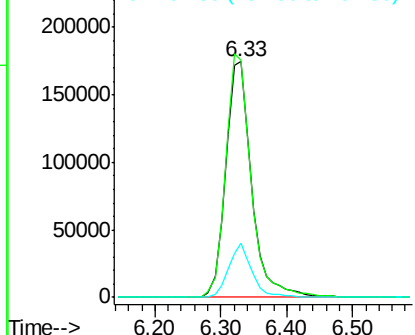
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 519
Delta R.T. 0.00 min
Lab File: VD060664.D
Acq: 20 Dec 2018 17:57

Instrument :
MSVOA_D
ClientSampleId :
SW-PROP-2

Tgt Ion:113 Resp: 481399
Ion Ratio Lower Upper
113 100
111 100.7 80.0 120.0
192 23.1 16.6 25.0

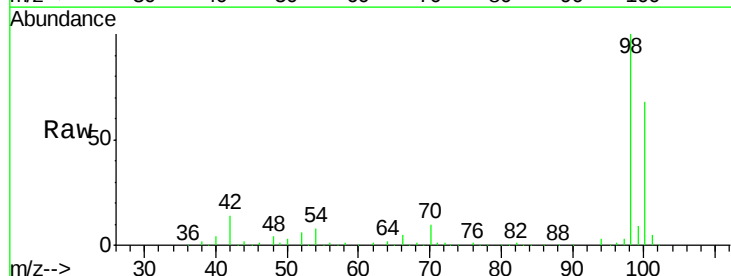


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

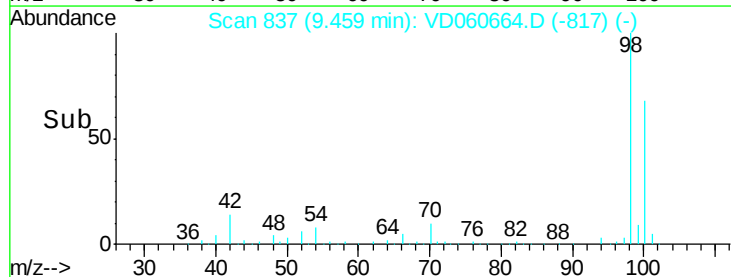
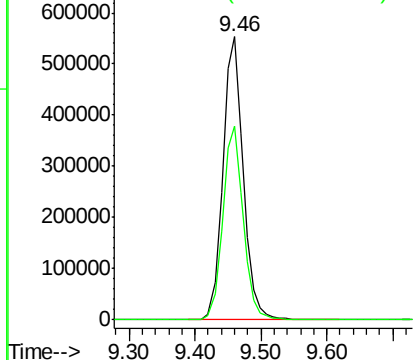


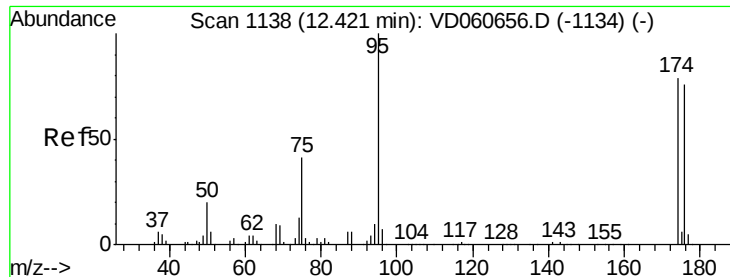
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.00 min
Lab File: VD060664.D
Acq: 20 Dec 2018 17:57

Tgt Ion: 98 Resp: 1192563
Ion Ratio Lower Upper
98 100
100 68.4 55.8 83.8



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VD060664.D

Acq: 20 Dec 2018 17:57

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2

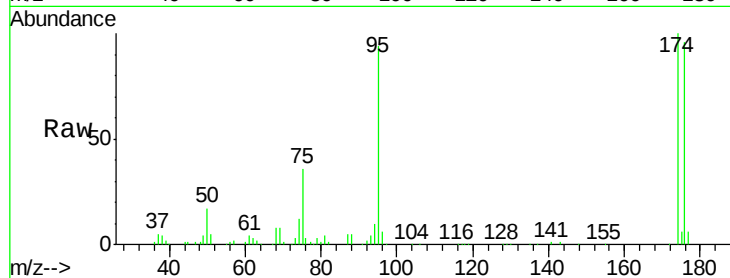
Tgt Ion: 95 Resp: 322893

Ion Ratio Lower Upper

95 100

174 106.3 0.0 158.2

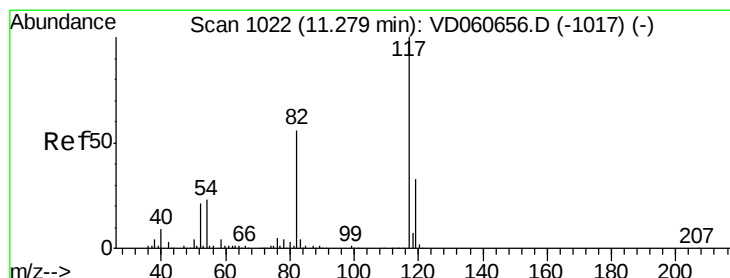
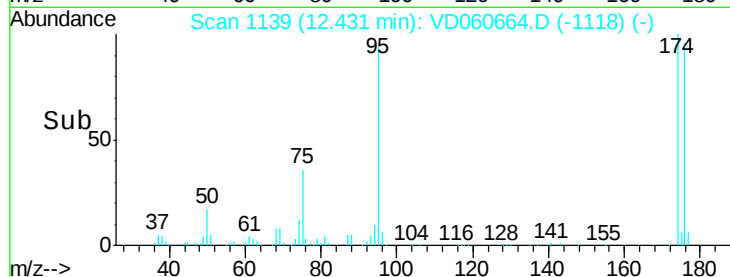
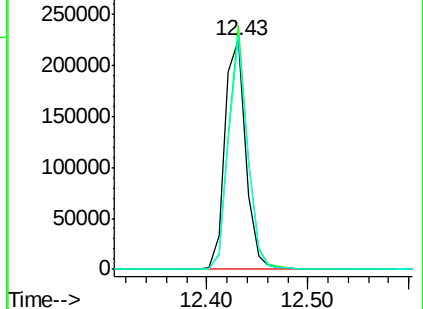
176 101.7 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD060664.D (-1134) (-)

Ion 173.90 (173.60 to 174.60): VD060664.D (-1134) (-)

Ion 175.90 (175.60 to 176.60): VD060664.D (-1134) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 1023

Delta R.T. 0.01 min

Lab File: VD060664.D

Acq: 20 Dec 2018 17:57

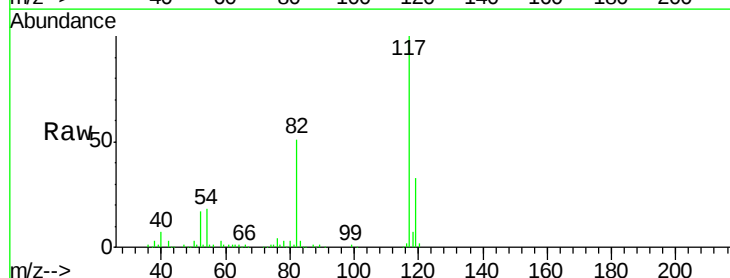
Tgt Ion: 117 Resp: 1116162

Ion Ratio Lower Upper

117 100

82 51.4 44.5 66.7

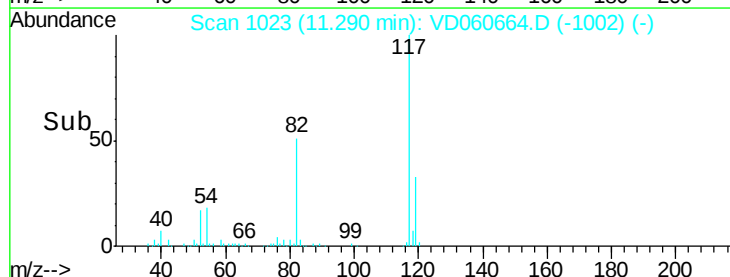
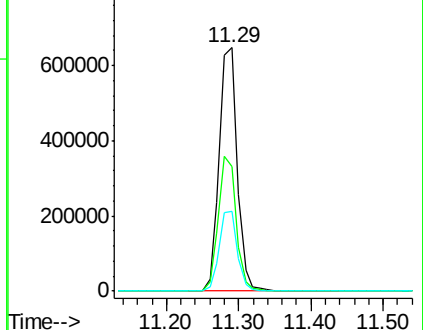
119 32.9 26.3 39.5

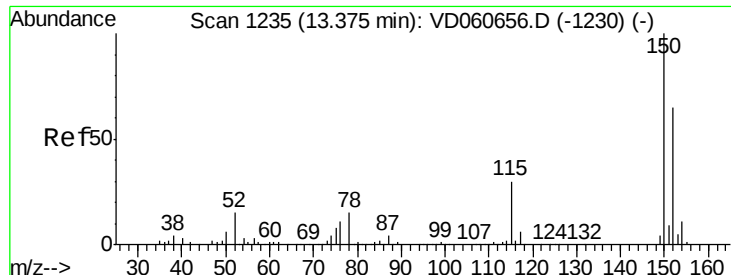


Abundance Ion 116.95 (116.65 to 117.65): VD060664.D (-1002) (-)

Ion 82.05 (81.75 to 82.75): VD060664.D (-1002) (-)

Ion 118.95 (118.65 to 119.65): VD060664.D (-1002) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VD060664.D

Acq: 20 Dec 2018 17:57

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2

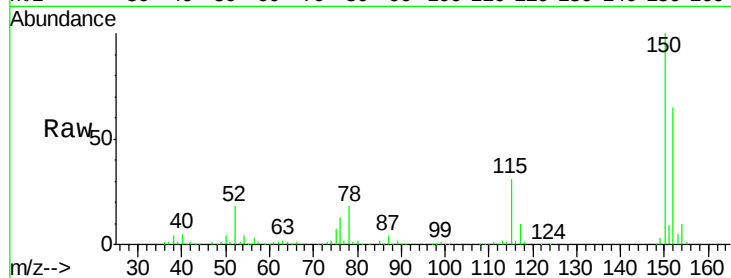
Tgt Ion:152 Resp: 357272

Ion Ratio Lower Upper

152 100

115 48.2 24.1 72.3

150 154.4 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

