

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062280.D
 Acq On : 13 May 2019 2:22
 Operator : FY/SY
 Sample : K2719-09RE
 Misc : 5.71g/5mL/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS009-0206-01RE

Quant Time: May 13 03:53:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

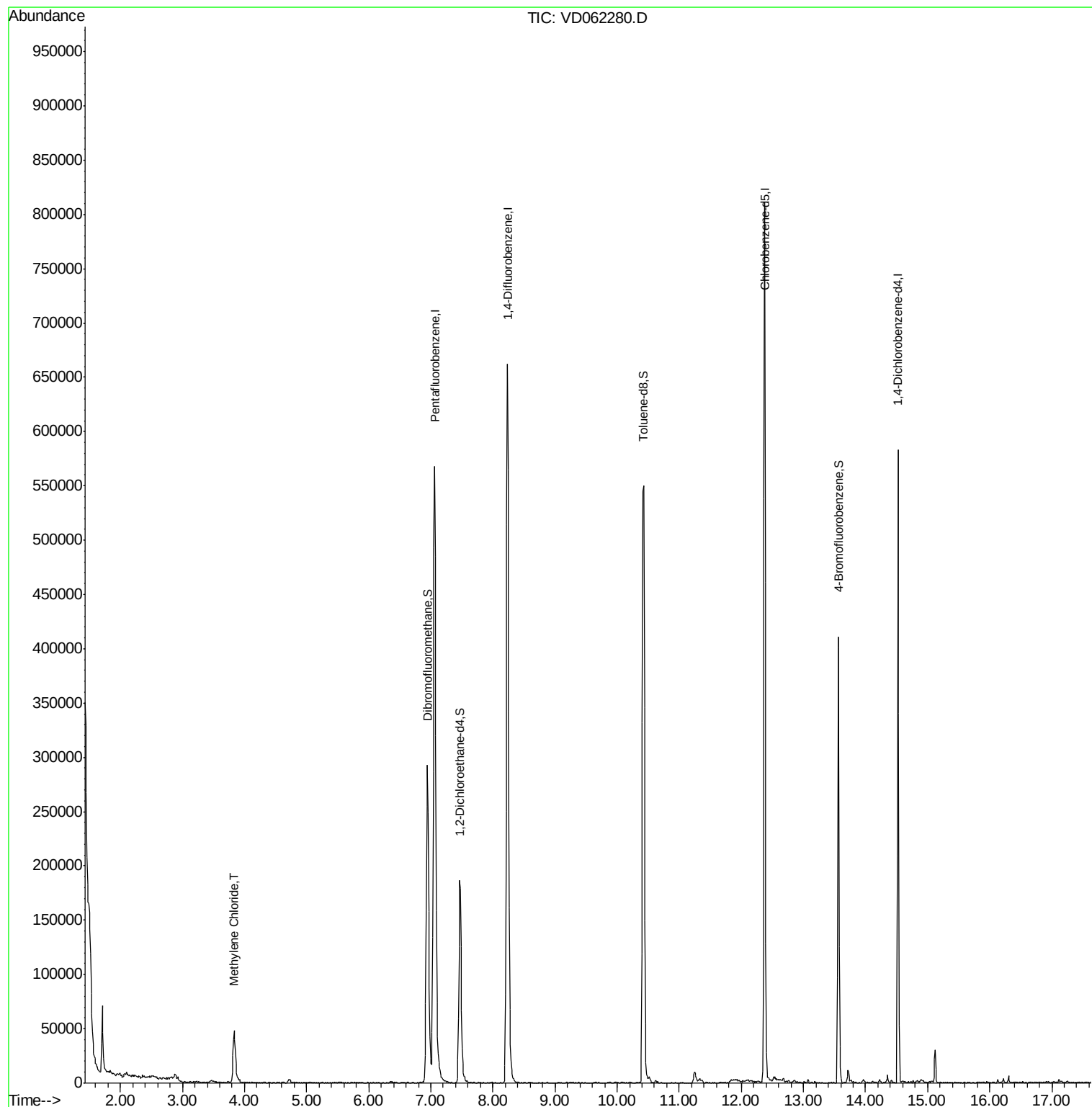
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	526484	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	686119	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	404224	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	118703	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	213576	43.65	ug/l	0.04
Spiked Amount 50.000			Recovery	=	87.30%	
35) Dibromofluoromethane	6.94	113	261254	45.89	ug/l	0.05
Spiked Amount 50.000			Recovery	=	91.78%	
50) Toluene-d8	10.43	98	476964	34.75	ug/l	0.03
Spiked Amount 50.000			Recovery	=	69.50%	
62) 4-Bromofluorobenzene	13.56	95	127318	23.10	ug/l	0.01
Spiked Amount 50.000			Recovery	=	46.20%	
Target Compounds						
20) Methylene Chloride	3.83	84	33579	7.838	ug/l #	Qvalue 89

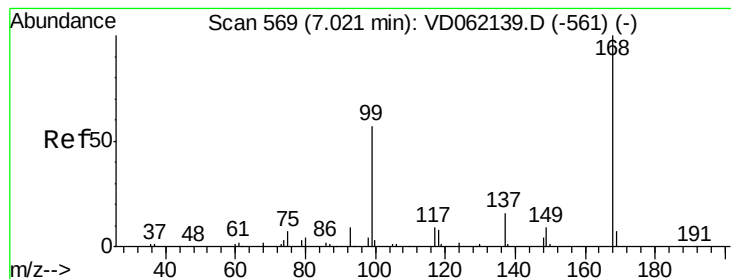
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

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MSVOA_D

ClientSampleId :

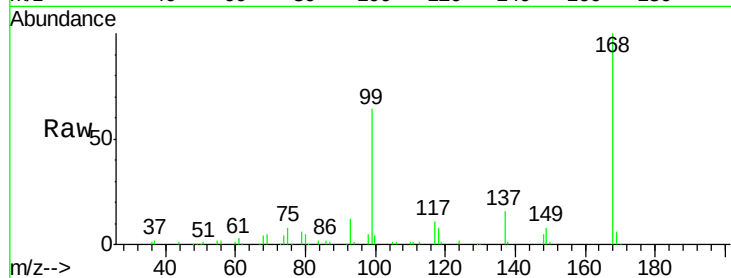
P026-SS009-0206-01RE

Tot Ion:168 Resp: 526484

Ion Ratio Lower Upper

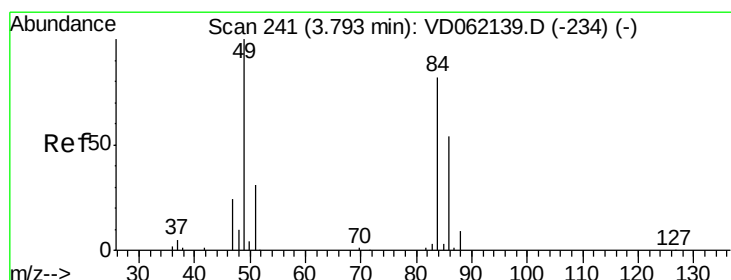
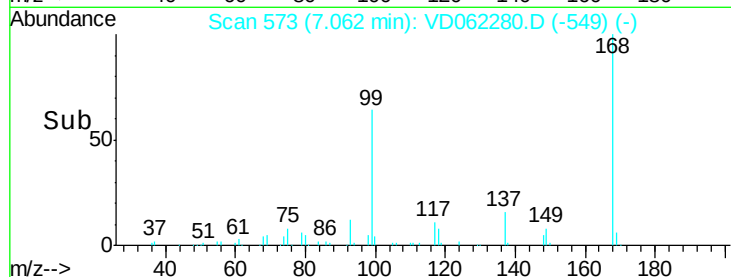
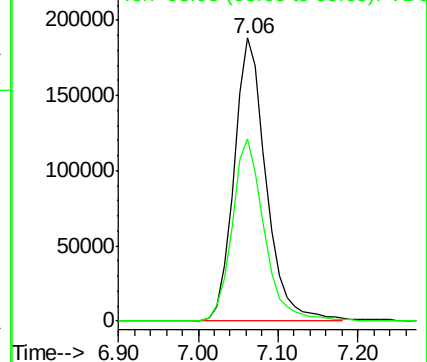
168 100

99 64.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 7.838 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

Tgt Ion: 84 Resp: 33579

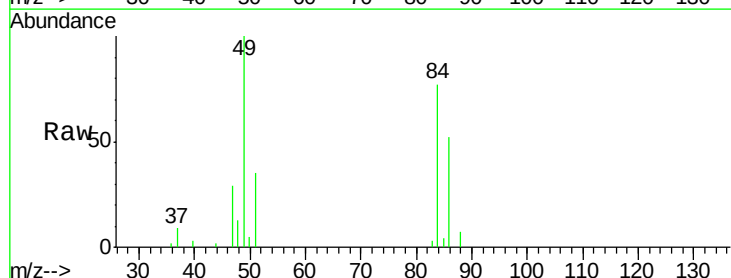
Ion Ratio Lower Upper

84 100

49 129.4 94.0 141.0

51 45.6 29.0 43.4#

86 67.5 49.8 74.6

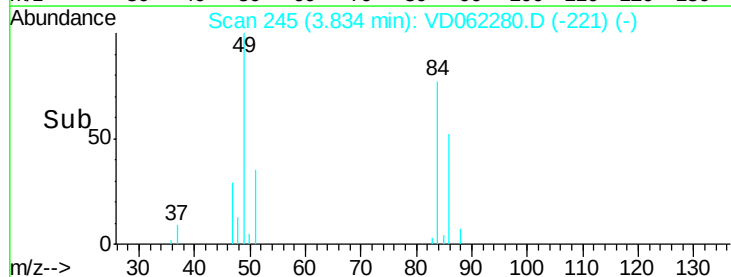
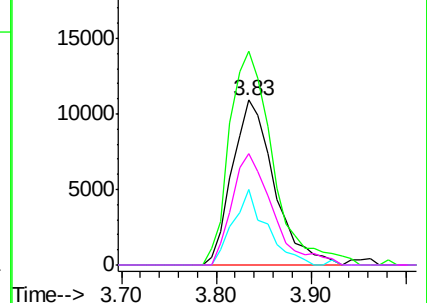


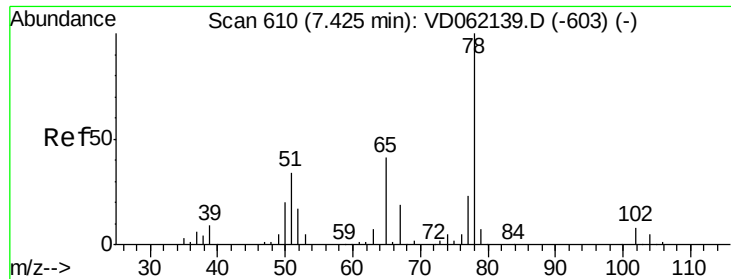
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

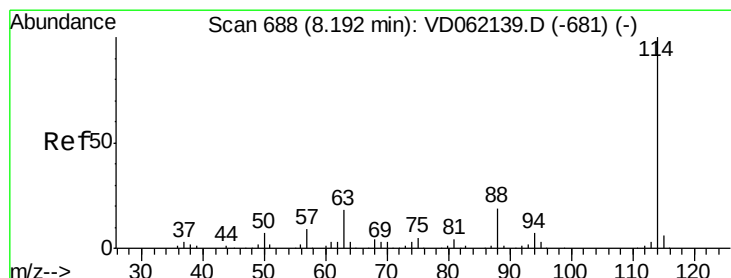
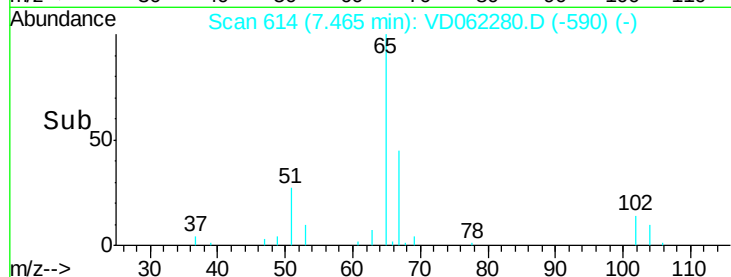
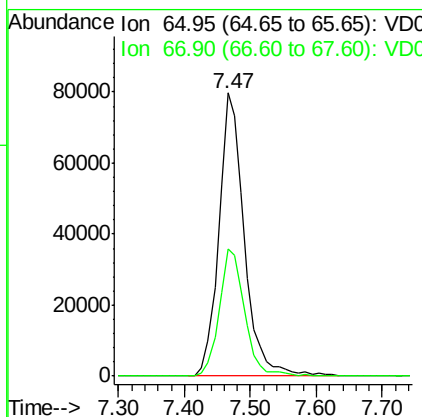
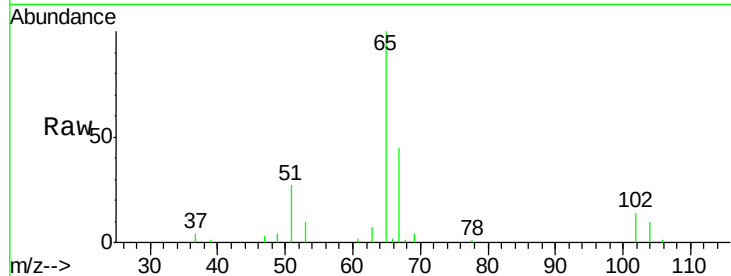




#33
 1,2-Dichloroethane-d4
 Concen: 43.652 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062280.D
 Acq: 13 May 2019 2:22

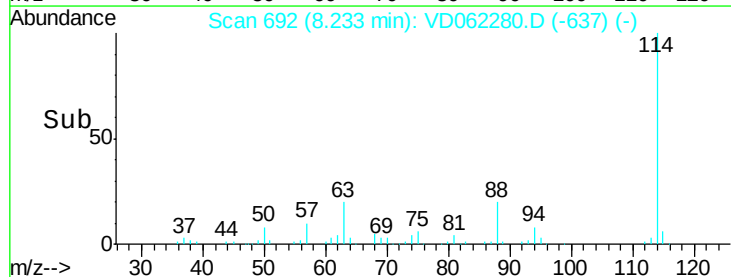
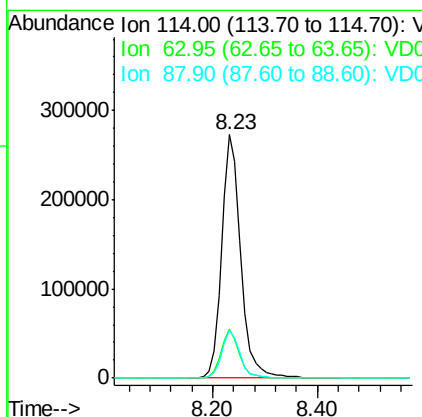
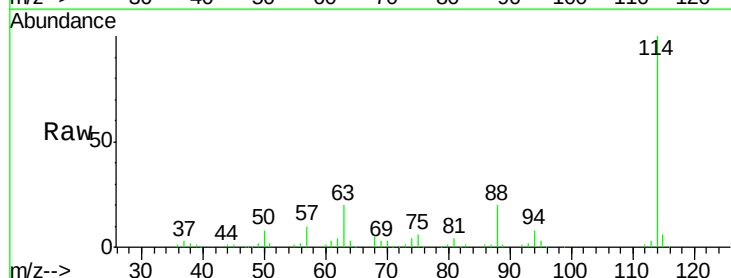
Instrument :
 MSVOA_D
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 P026-SS009-0206-01RE

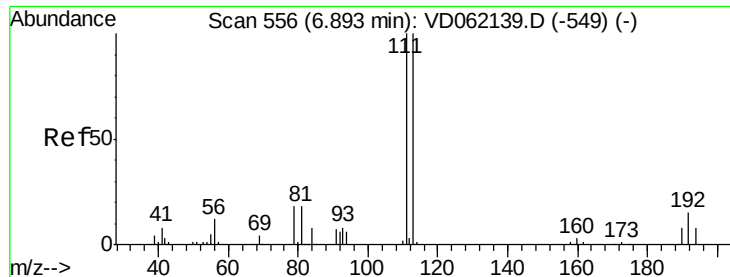
Tot Ion: 65 Resp: 213576
 Ion Ratio Lower Upper
 65 100
 67 44.8 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062280.D
 Acq: 13 May 2019 2:22

Tgt Ion: 114 Resp: 686119
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 32.4
 88 19.6 0.0 33.6

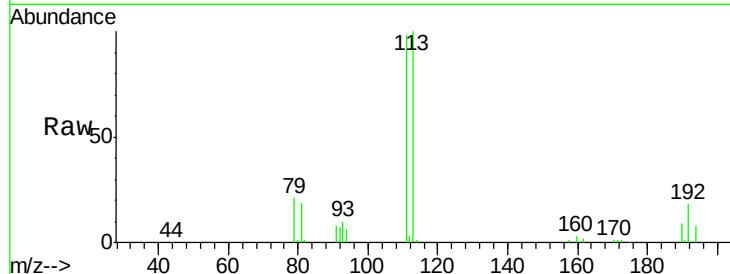




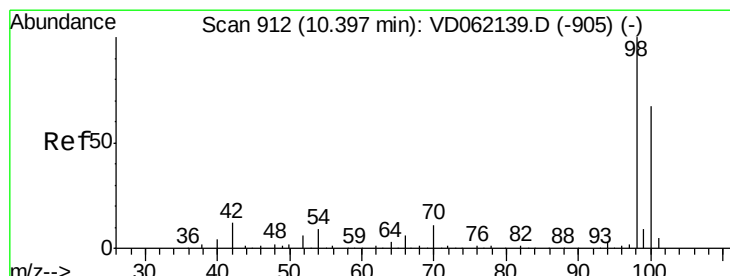
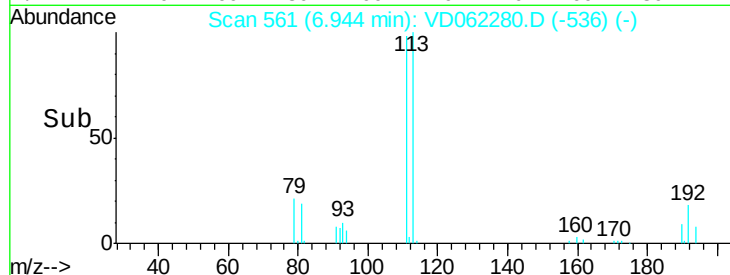
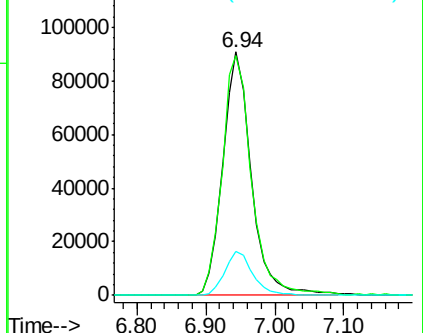
#35
Dibromofluoromethane
Concen: 45.892 ug/l
RT: 6.94 min Scan# 561
Delta R.T. 0.05 min
Lab File: VD062280.D
Acq: 13 May 2019 2:22

Instrument :
MSVOA_D
ClientSampleId :
P026-SS009-0206-01RE

Tot Ion:113 Resp: 261254
Ion Ratio Lower Upper
113 100
111 98.4 78.5 117.7
192 18.3 13.0 19.4

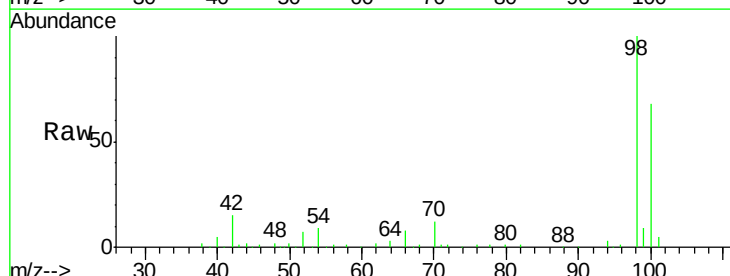


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

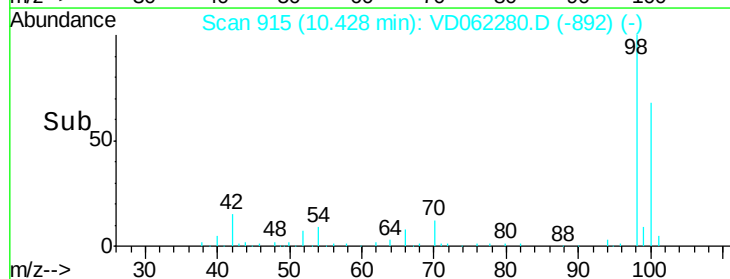
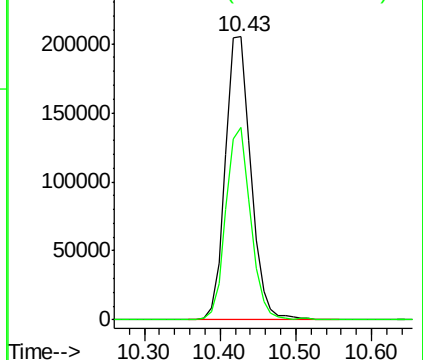


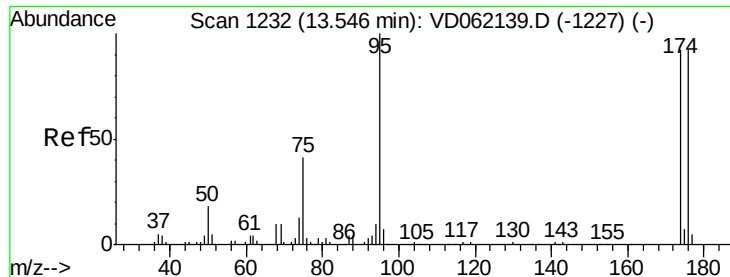
#50
Toluene-d8
Concen: 34.750 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062280.D
Acq: 13 May 2019 2:22

Tgt Ion: 98 Resp: 476964
Ion Ratio Lower Upper
98 100
100 68.2 53.8 80.8



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





#62

4-Bromofluorobenzene

Concen: 23.099 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS009-0206-01RE

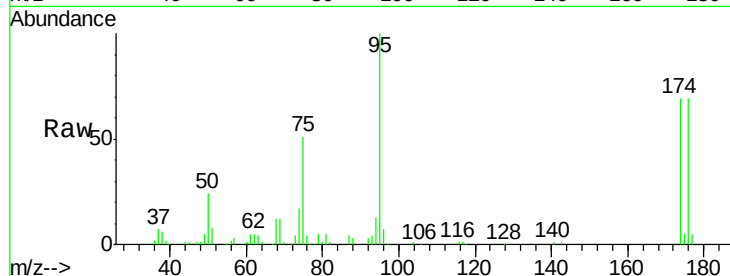
Tot Ion: 95 Resp: 127318

Ion Ratio Lower Upper

95 100

174 68.8 0.0 181.8

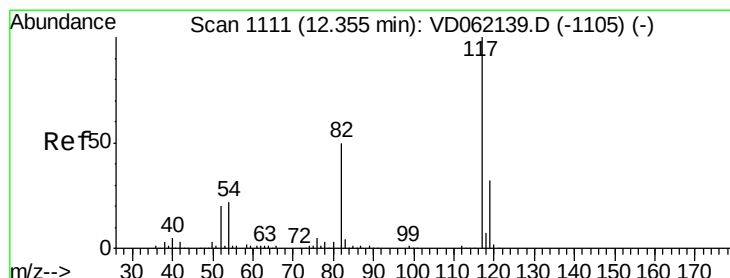
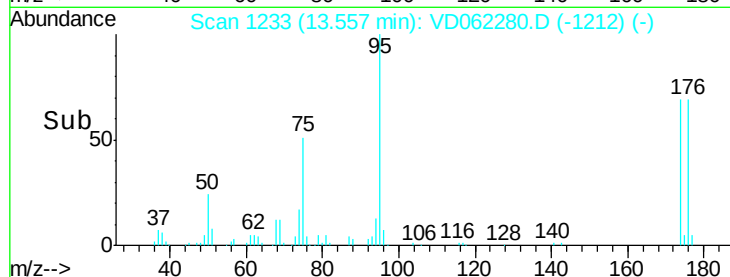
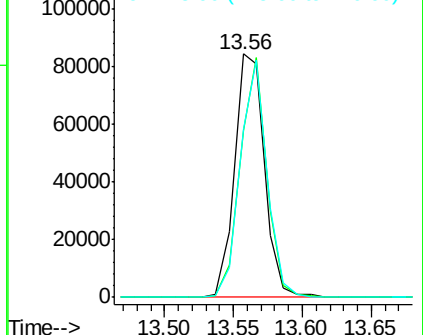
176 68.8 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062280.D

Acq: 13 May 2019 2:22

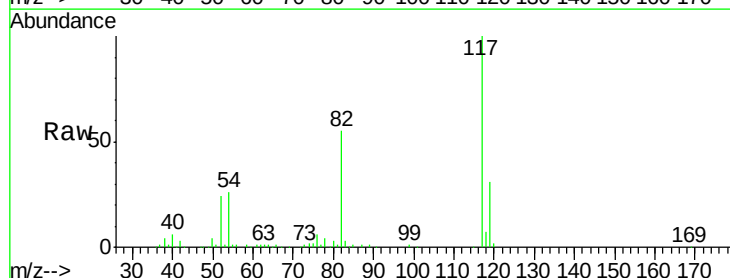
Tgt Ion: 117 Resp: 404224

Ion Ratio Lower Upper

117 100

82 55.4 36.2 54.2#

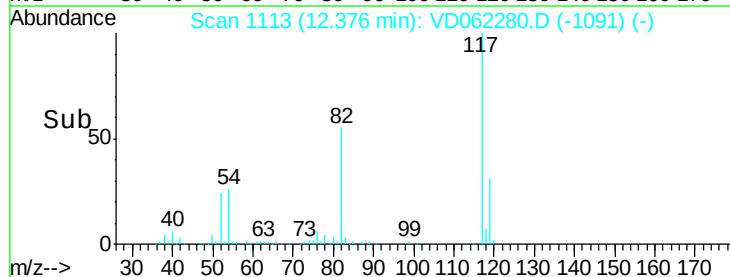
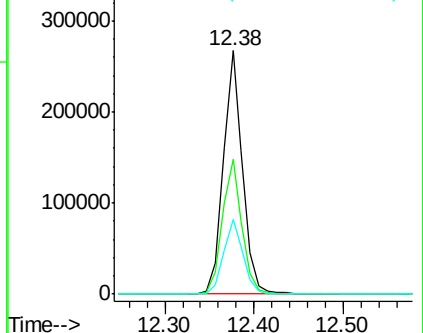
119 30.9 26.2 39.4

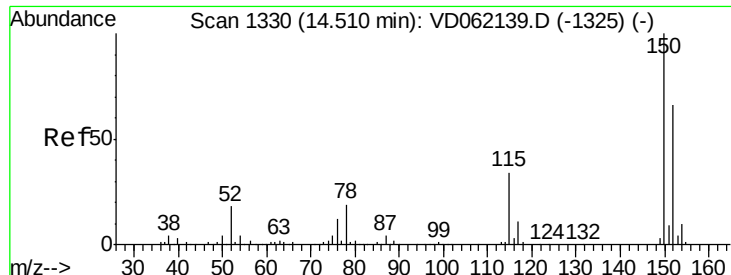


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062280.D

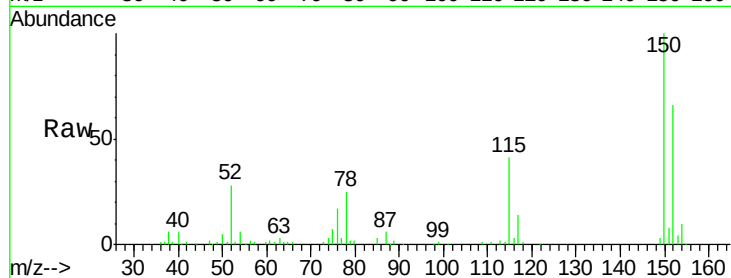
Acq: 13 May 2019 2:22

Instrument :

MSVOA_D

ClientSampleId :

P026-SS009-0206-01RE



Tot Ion:152 Resp: 118703

Ion Ratio Lower Upper

152 100

115 62.4 30.9 92.7

150 151.7 0.0 314.8

