

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063387.D
 Acq On : 5 Aug 2019 18:11
 Operator : VA/AP
 Sample : K4130-19
 Misc : 5.70g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-M-(30)

Quant Time: Aug 06 08:24:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

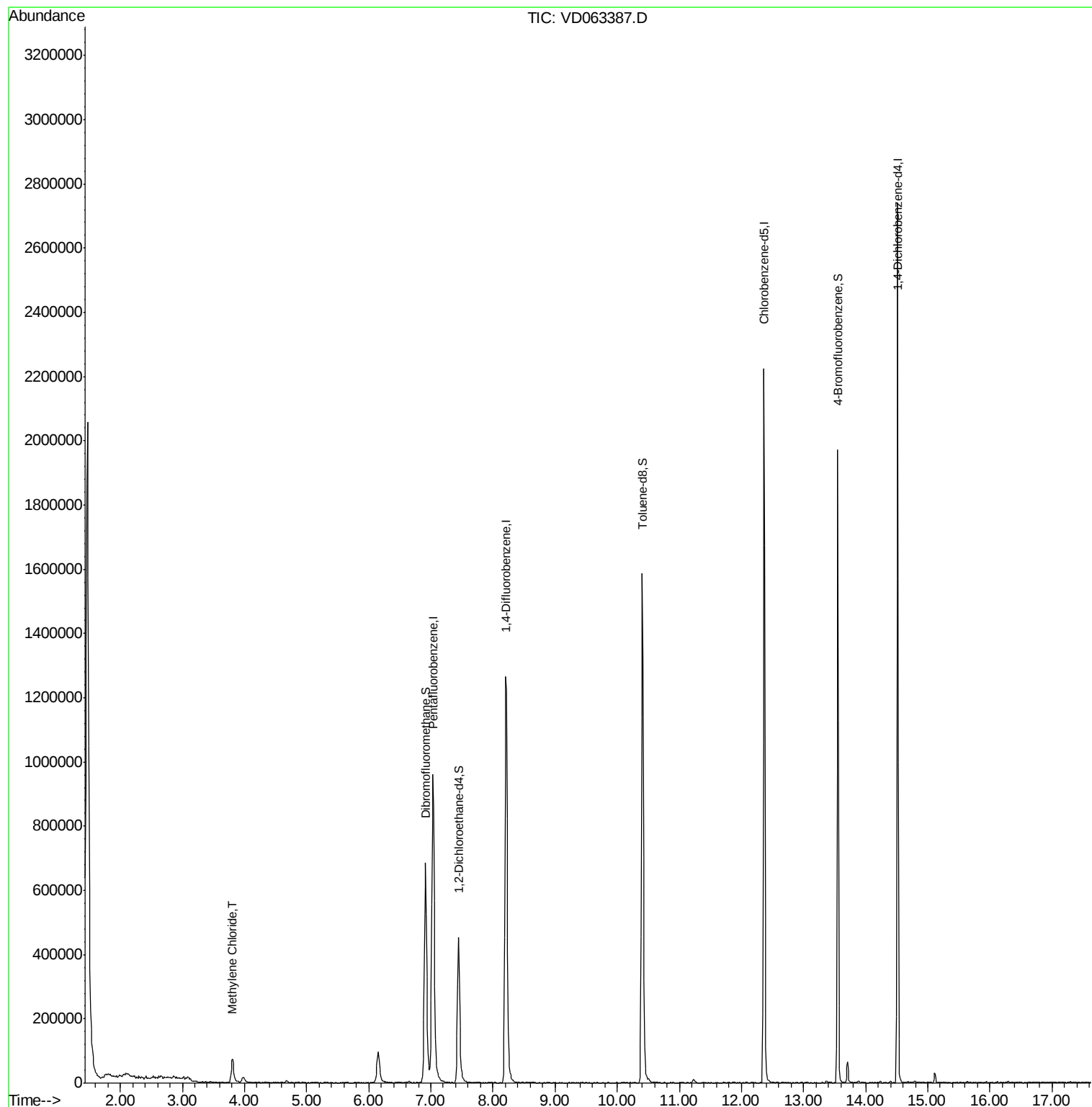
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	975721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1482205	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1163596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	572054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	522000	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	6.92	113	593008	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	10.40	98	1291588	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
62) 4-Bromofluorobenzene	13.55	95	520788	40.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.70%	
Target Compounds						
20) Methylene Chloride	3.81	84	49616	5.819	ug/l	Qvalue 93

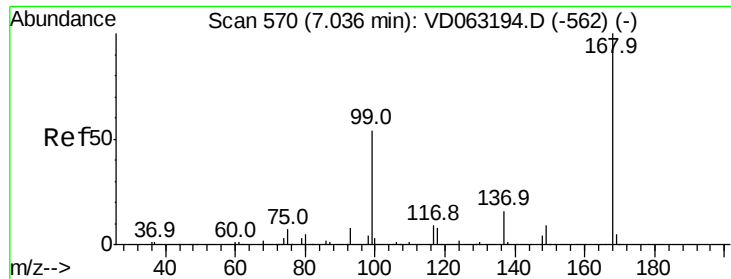
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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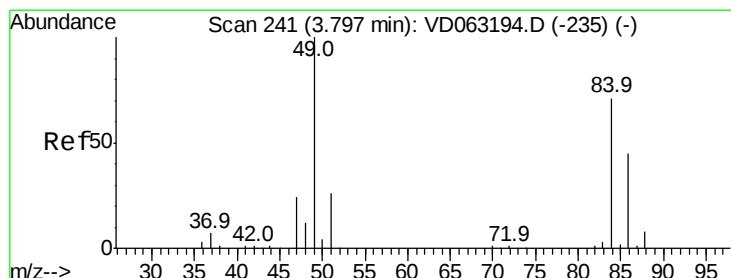
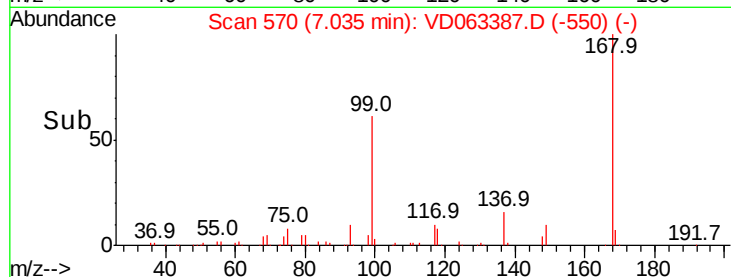
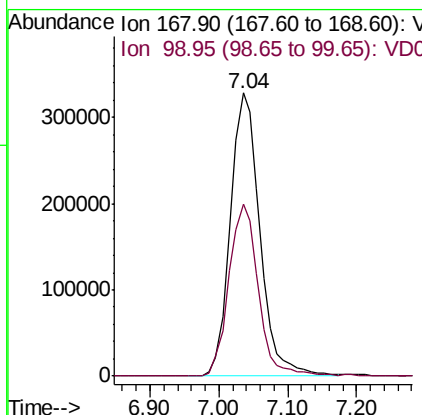
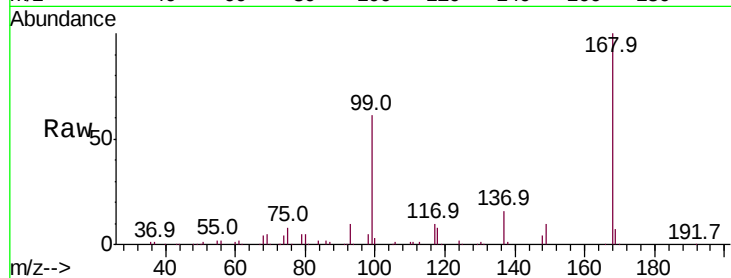




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.00 min
Lab File: VD063387.D
Acq: 5 Aug 2019 18:11

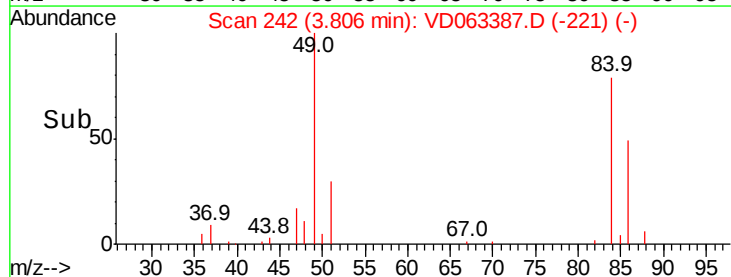
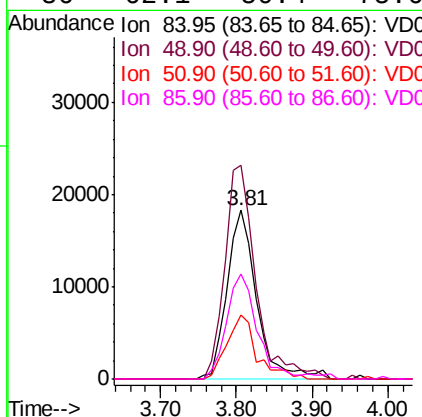
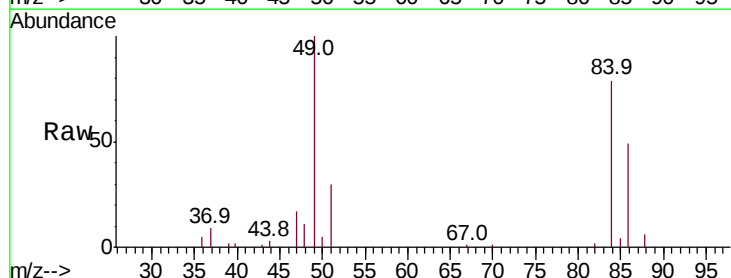
Instrument :
MSVOA_D
ClientSampleId :
1S-M-(30)

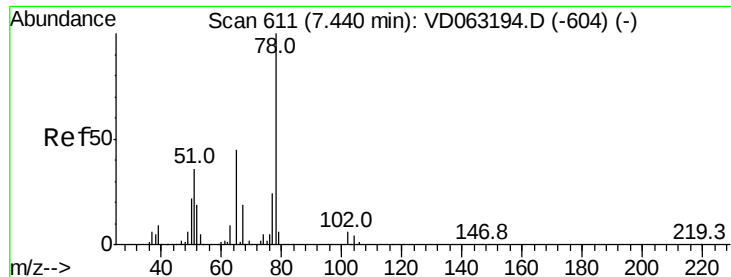
Tot Ion:168 Resp: 975721
Ion Ratio Lower Upper
168 100
99 61.0 43.7 65.5



#20
Methylene Chloride
Concen: 5.819 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD063387.D
Acq: 5 Aug 2019 18:11

Tgt Ion: 84 Resp: 49616
Ion Ratio Lower Upper
84 100
49 126.5 112.5 168.7
51 37.8 29.6 44.4
86 62.1 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 48.215 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063387.D

Acq: 5 Aug 2019 18:11

Instrument :

MSVOA_D

ClientSampleId :

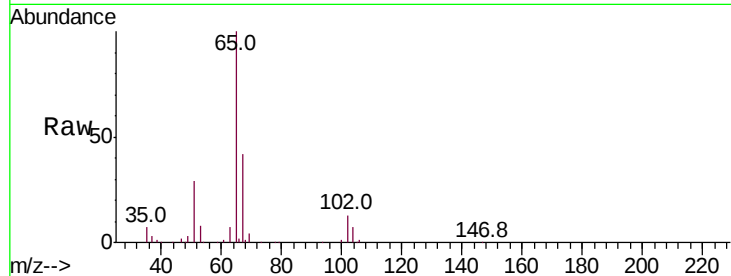
1S-M-(30)

Tot Ion: 65 Resp: 522000

Ion Ratio Lower Upper

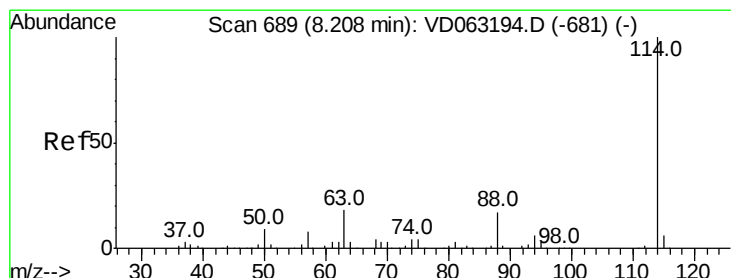
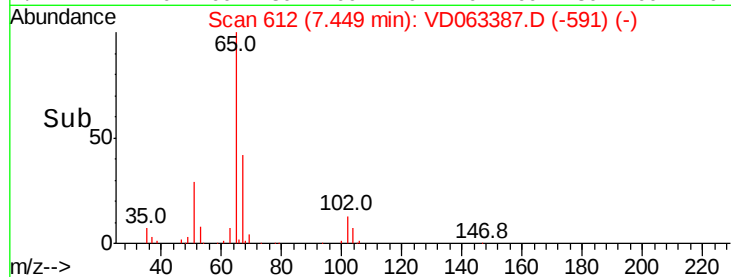
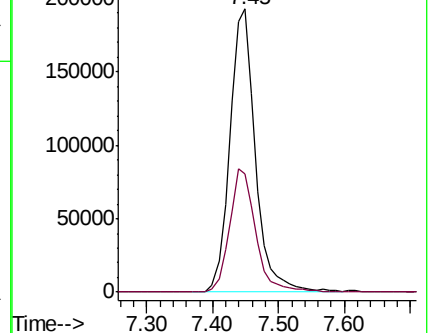
65 100

67 41.7 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD063387.D

Acq: 5 Aug 2019 18:11

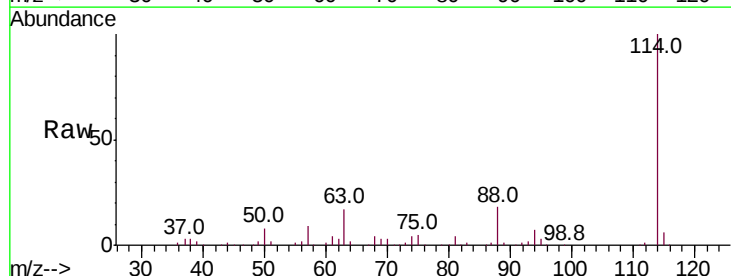
Tgt Ion: 114 Resp: 1482205

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.2

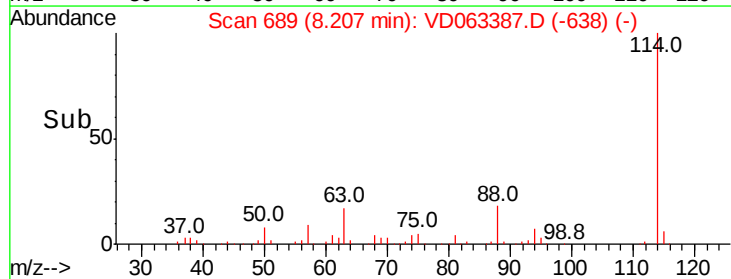
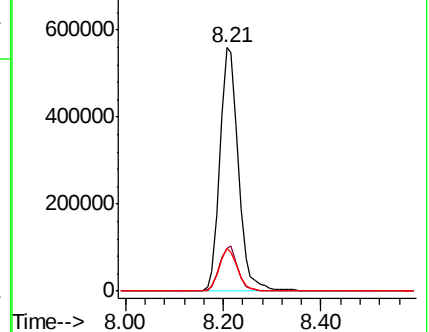
88 17.6 0.0 34.6

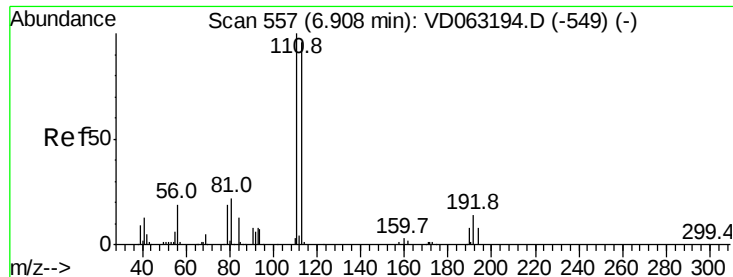


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 46.860 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063387.D

Acq: 5 Aug 2019 18:11

Instrument :

MSVOA_D

ClientSampleId :

1S-M-(30)

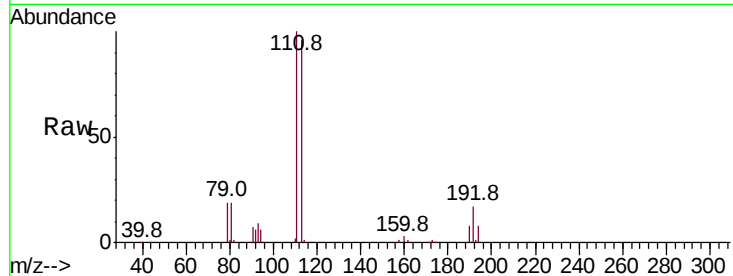
Tot Ion:113 Resp: 593008

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

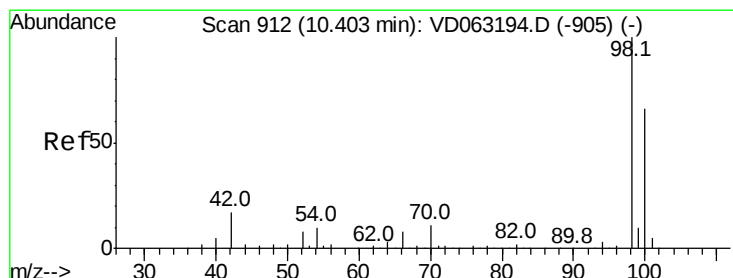
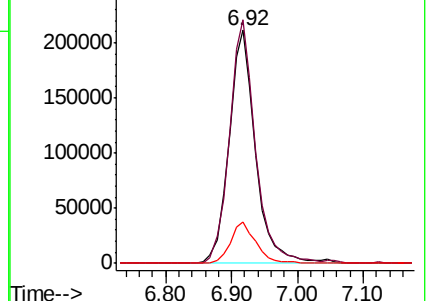
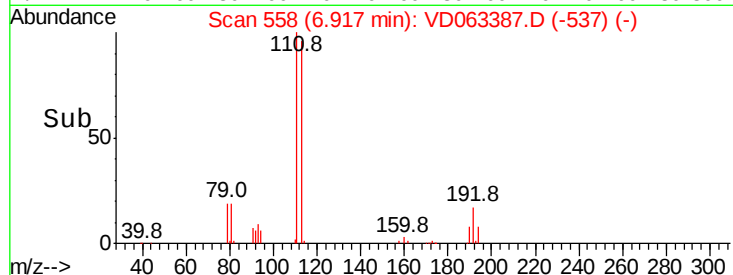
192 17.5 11.8 17.8



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: 45.604 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063387.D

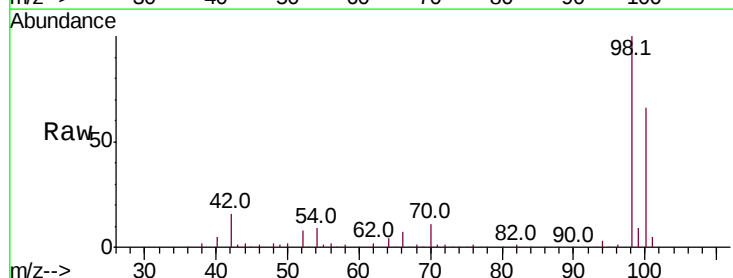
Acq: 5 Aug 2019 18:11

Tgt Ion: 98 Resp: 1291588

Ion Ratio Lower Upper

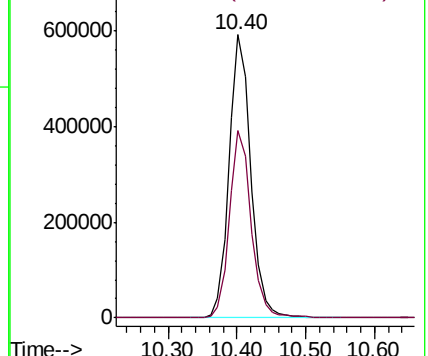
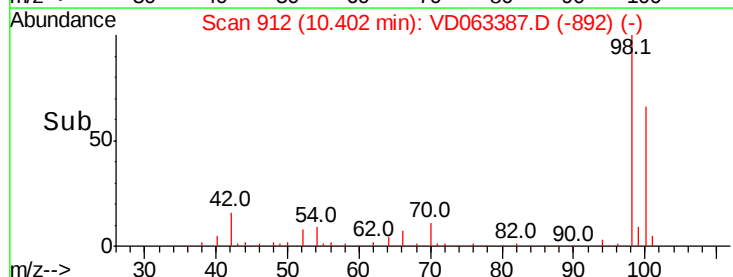
98 100

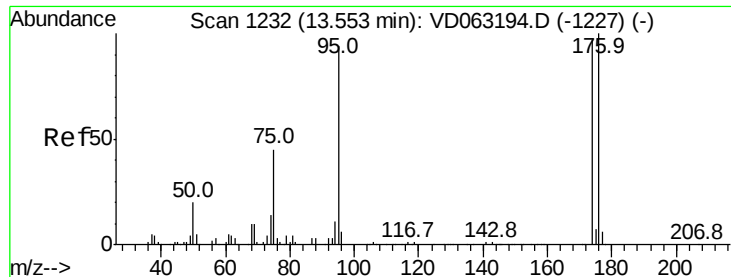
100 66.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

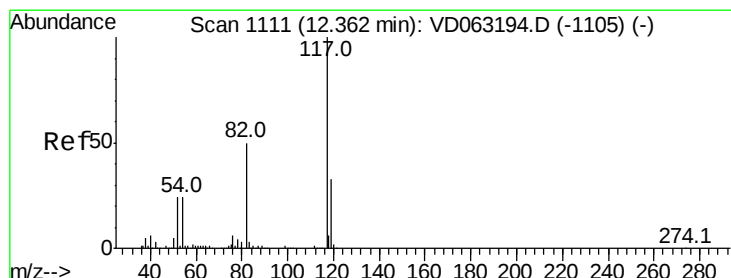
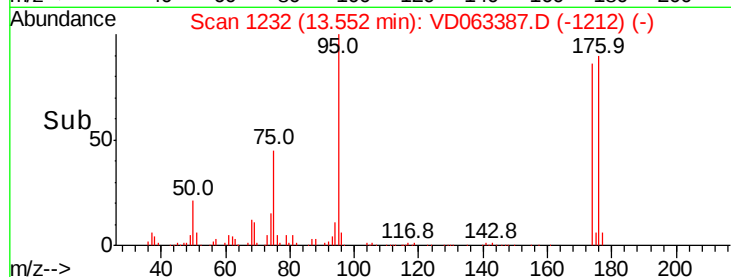
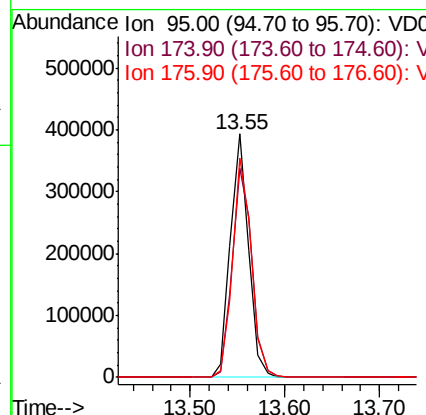
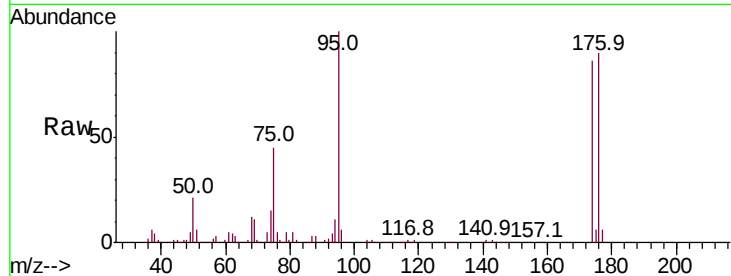




#62
4-Bromofluorobenzene
Concen: 40.352 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063387.D
Acq: 5 Aug 2019 18:11

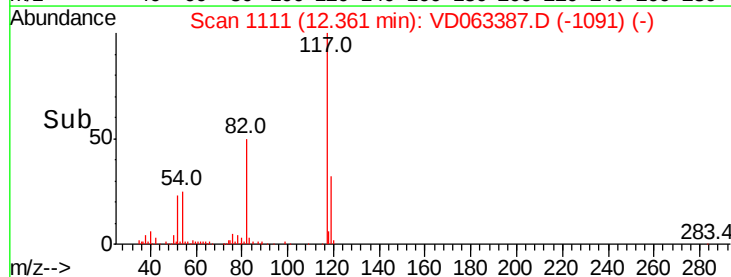
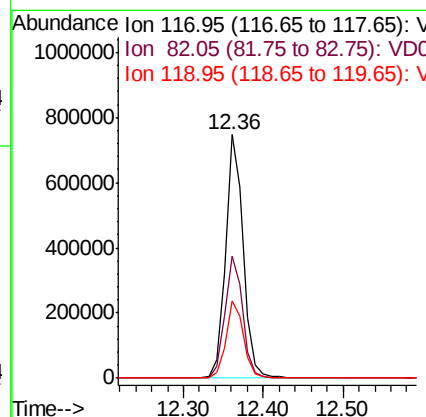
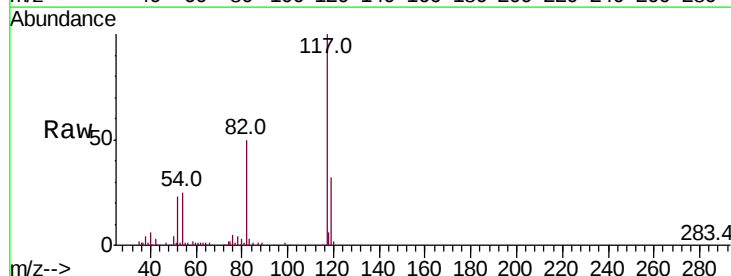
Instrument :
MSVOA_D
ClientSampleId :
1S-M-(30)

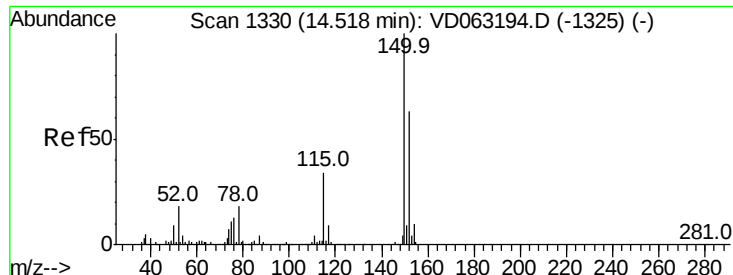
Tot Ion: 95 Resp: 520788
Ion Ratio Lower Upper
95 100
174 86.0 0.0 205.4
176 89.9 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063387.D
Acq: 5 Aug 2019 18:11

Tgt Ion: 117 Resp: 1163596
Ion Ratio Lower Upper
117 100
82 50.2 40.1 60.1
119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063387.D

Acq: 5 Aug 2019 18:11

Instrument :

MSVOA_D

ClientSampleId :

1S-M-(30)

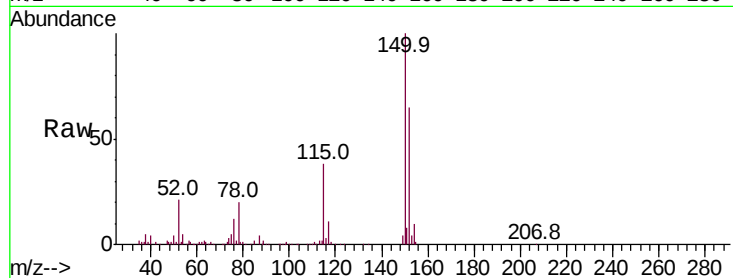
Tot Ion:152 Resp: 572054

Ion Ratio Lower Upper

152 100

115 57.3 27.5 82.4

150 152.8 0.0 320.6



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

