

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063498.D
 Acq On : 12 Aug 2019 20:05
 Operator : JC/SY
 Sample : K4237-03RE
 Misc : 4.65g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05(0-2)RE

Quant Time: Aug 13 08:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

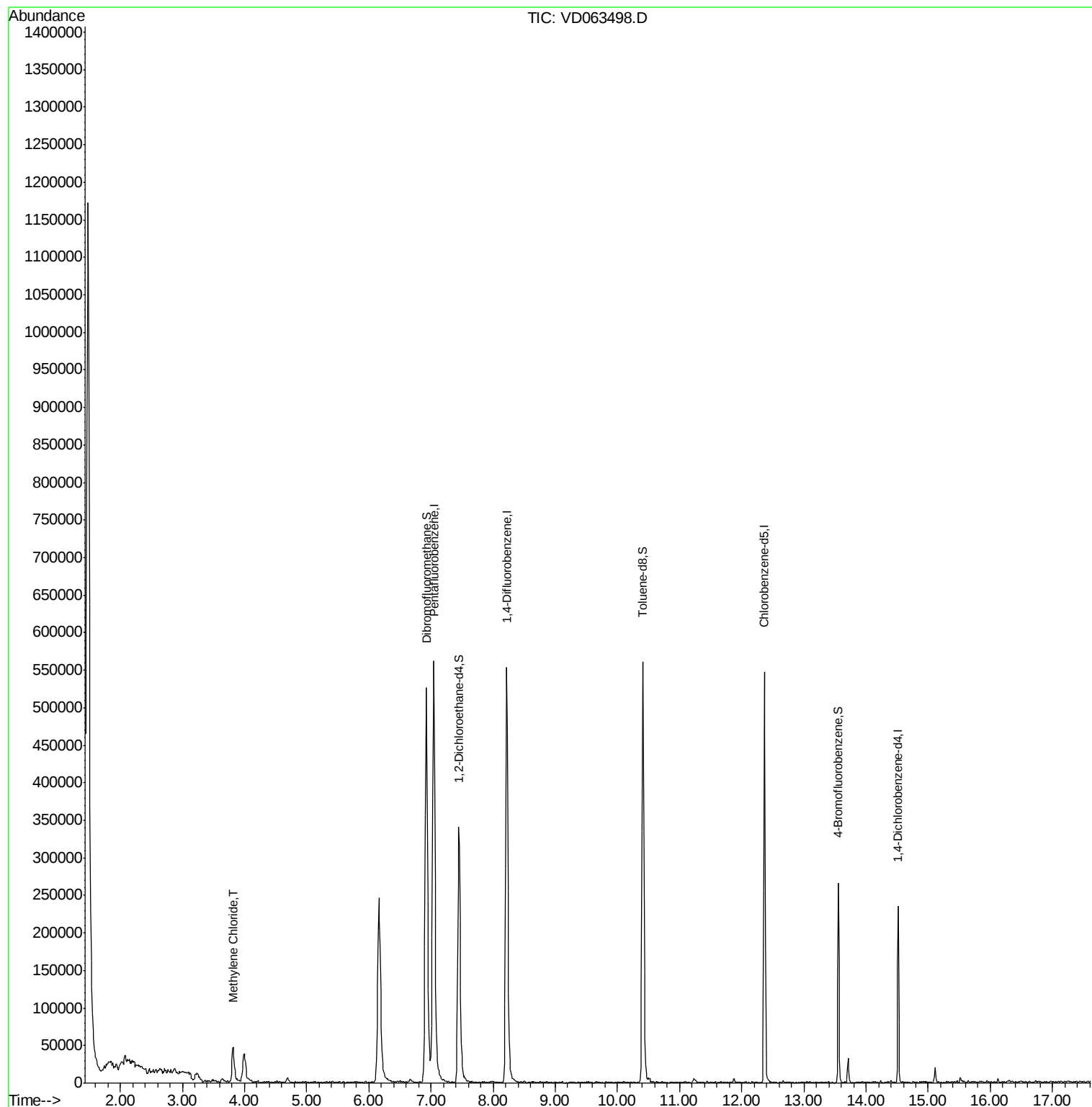
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	548283	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	626217	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	295458	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	49551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	399049	68.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	136.18%	
35) Dibromofluoromethane	6.93	113	464773	88.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	176.24%	
50) Toluene-d8	10.40	98	462537	39.89	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.78%	
62) 4-Bromofluorobenzene	13.55	95	69159	13.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.32%	
Target Compounds						
20) Methylene Chloride	3.82	84	27421	5.323	ug/l	Qvalue 97

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

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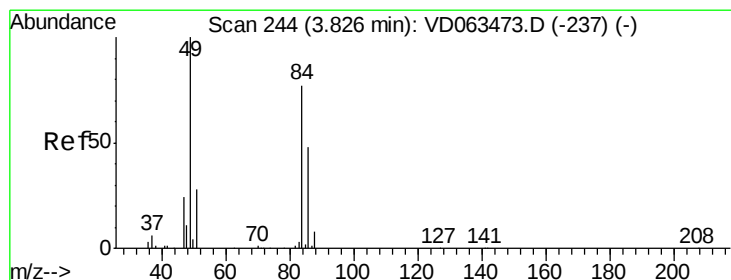
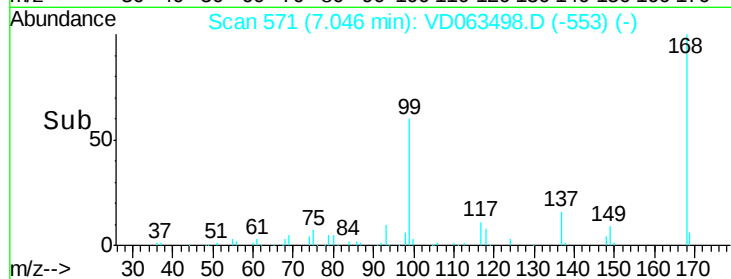
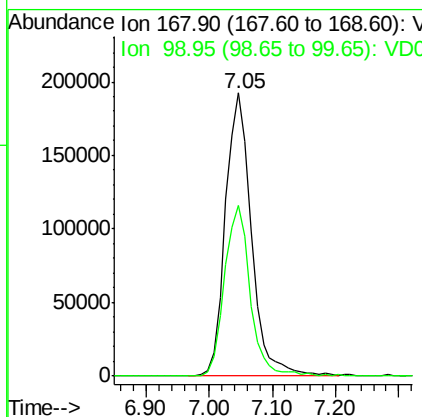
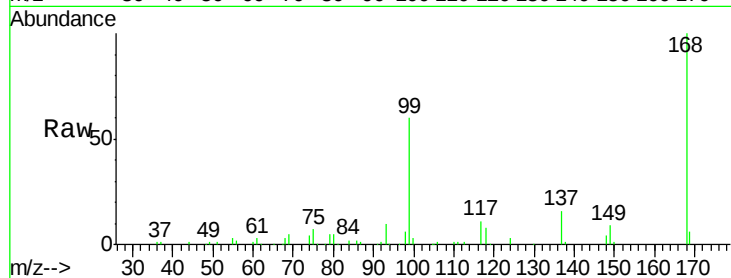




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD063498.D
Acq: 12 Aug 2019 20:05

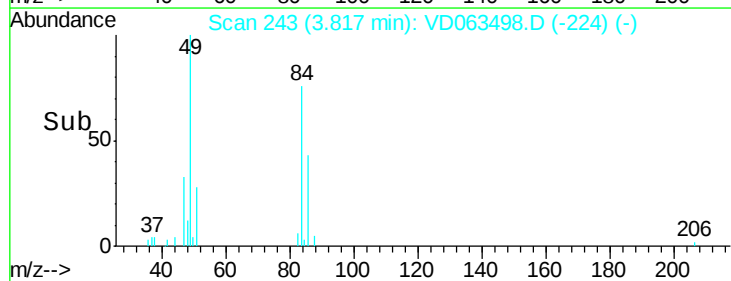
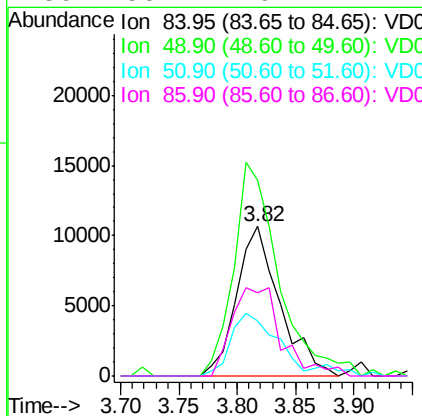
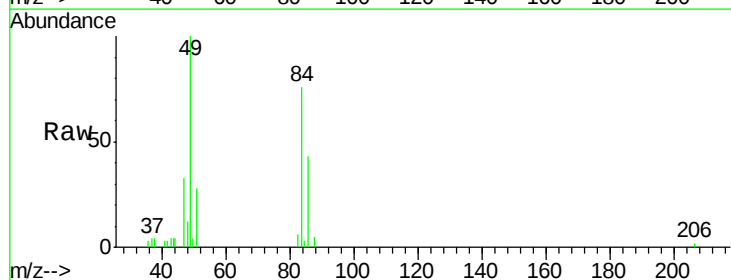
Instrument :
MSVOA_D
ClientSampleId :
SB-05(0-2)RE

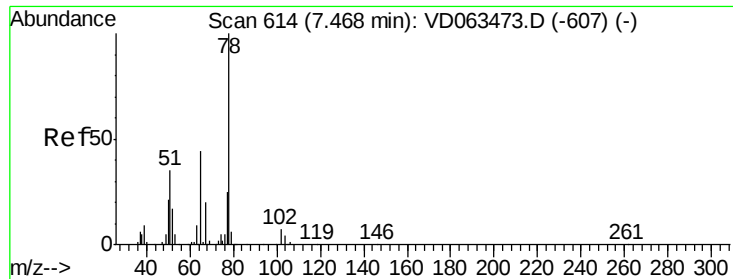
Tot Ion:168 Resp: 548283
Ion Ratio Lower Upper
168 100
99 60.4 46.7 70.1



#20
Methylene Chloride
Concen: 5.323 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063498.D
Acq: 12 Aug 2019 20:05

Tgt Ion: 84 Resp: 27421
Ion Ratio Lower Upper
84 100
49 131.4 103.4 155.2
51 36.7 28.5 42.7
86 56.1 49.4 74.2

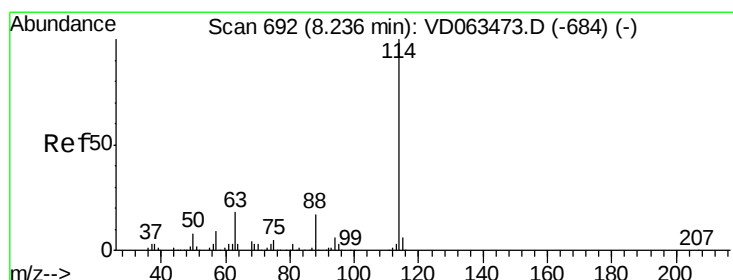
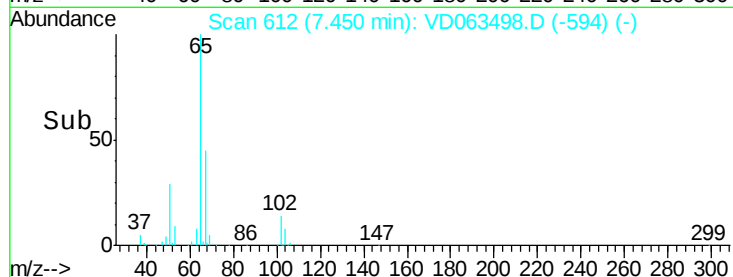
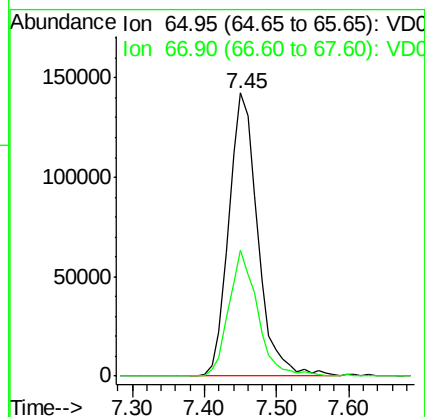
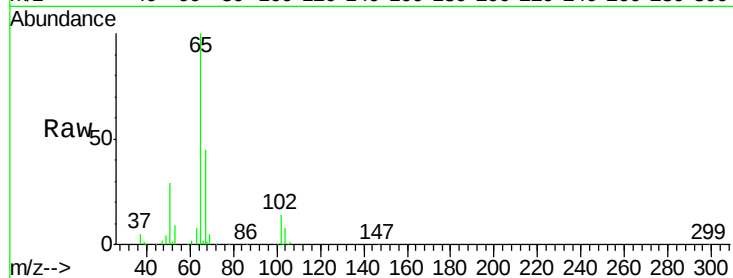




#33
 1,2-Dichloroethane-d4
 Concen: 68.089 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063498.D
 Acq: 12 Aug 2019 20:05

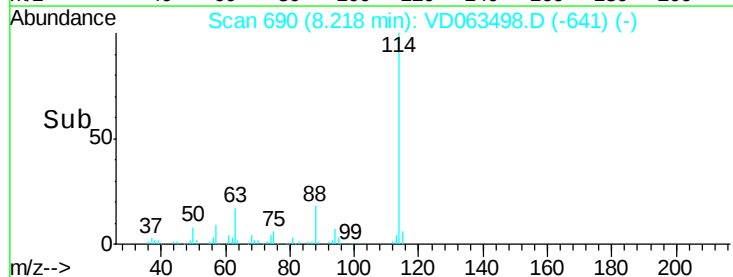
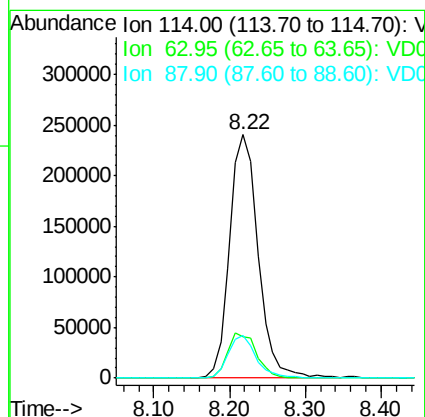
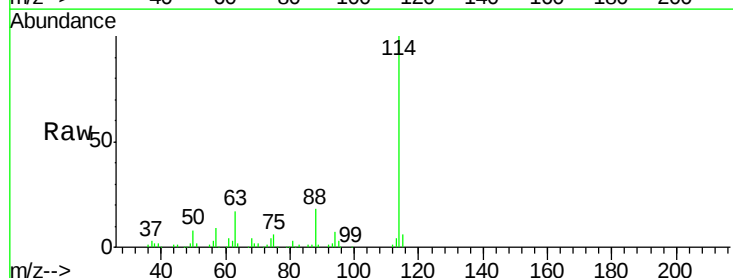
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05(0-2)RE

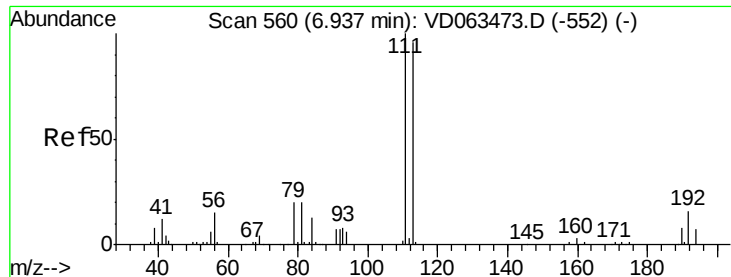
Tot Ion: 65 Resp: 399049
 Ion Ratio Lower Upper
 65 100
 67 44.7 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063498.D
 Acq: 12 Aug 2019 20:05

Tgt Ion: 114 Resp: 626217
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.2
 88 17.5 0.0 35.0

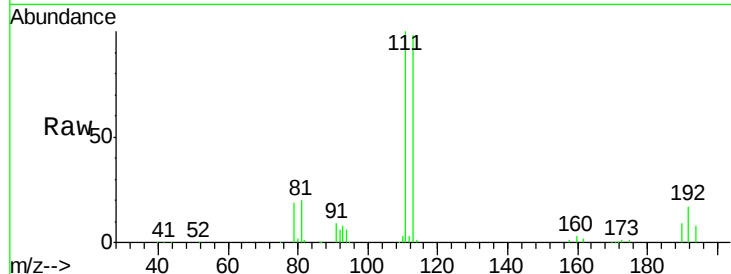




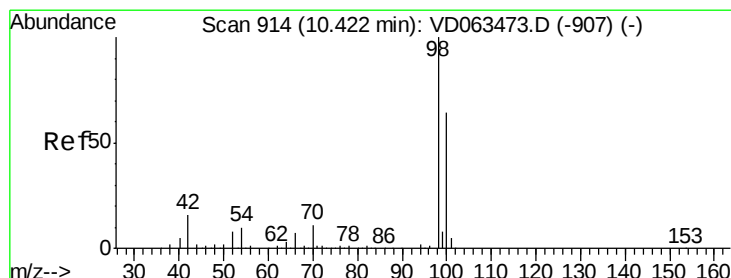
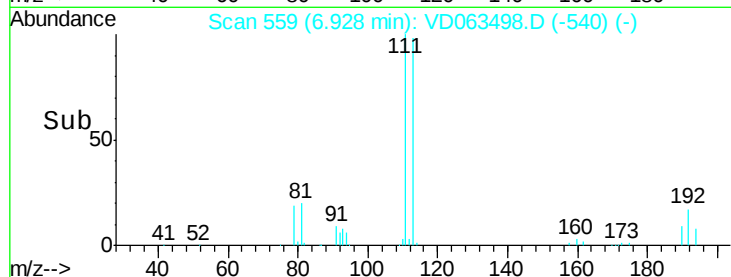
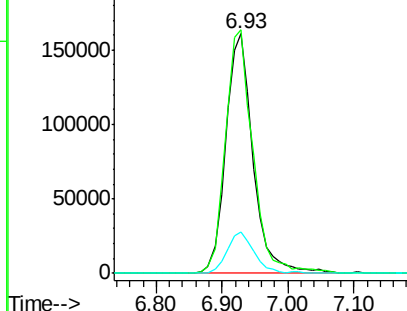
#35
 Dibromofluoromethane
 Concen: 88.125 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063498.D
 Acq: 12 Aug 2019 20:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05(0-2)RE

Tot Ion:113 Resp: 464773
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.1 124.7
 192 17.2 13.1 19.7

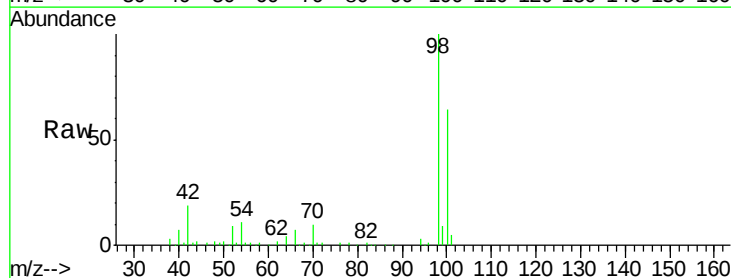


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

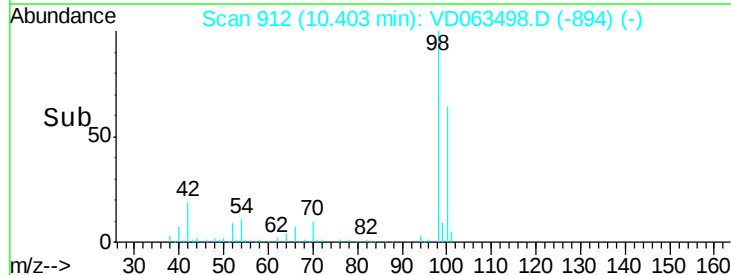
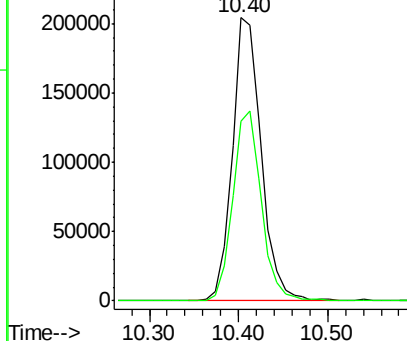


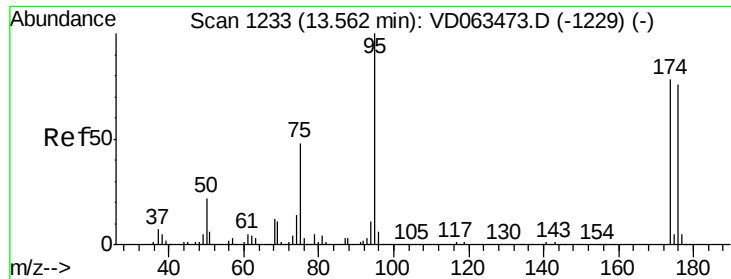
#50
 Toluene-d8
 Concen: 39.890 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063498.D
 Acq: 12 Aug 2019 20:05

Tgt Ion: 98 Resp: 462537
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.7 77.5



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

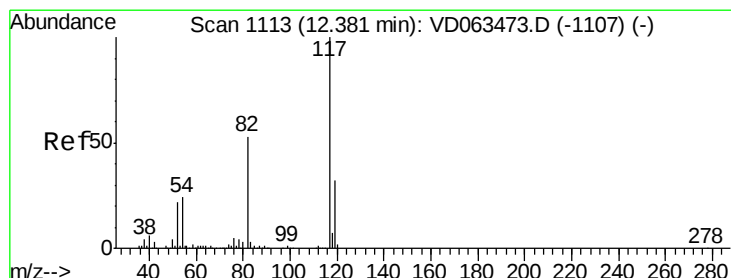
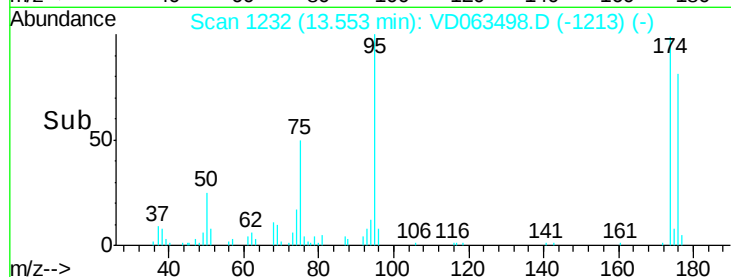
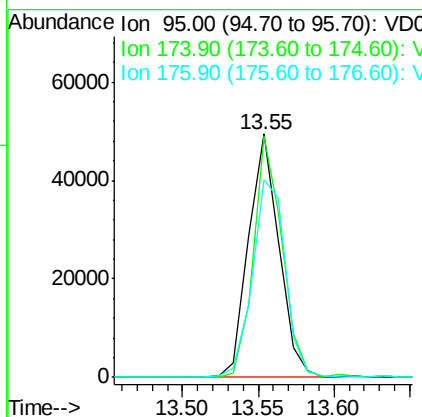
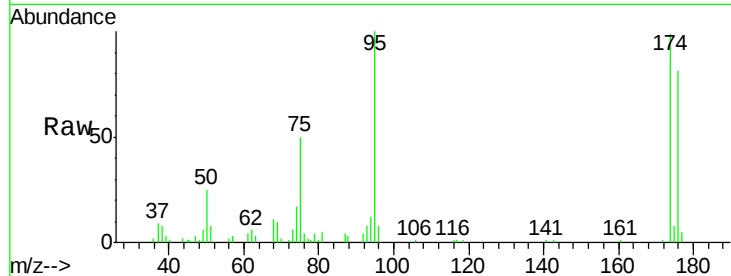




#62
4-Bromofluorobenzene
Concen: 13.159 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063498.D
Acq: 12 Aug 2019 20:05

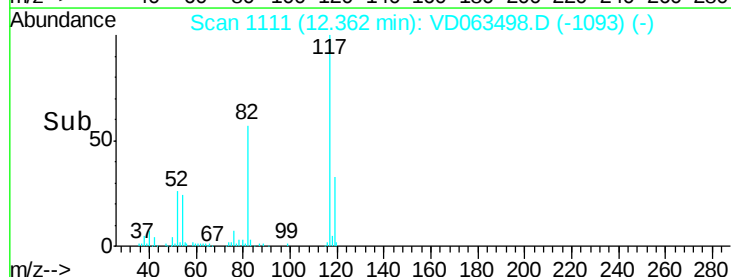
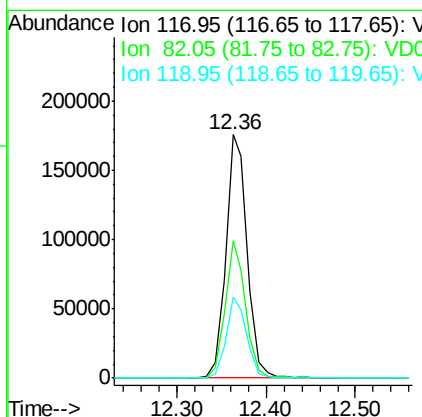
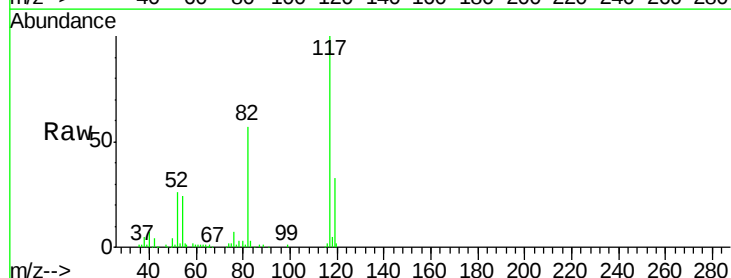
Instrument :
MSVOA_D
ClientSampleId :
SB-05(0-2)RE

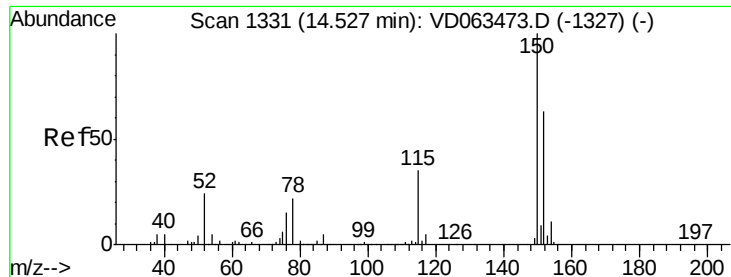
Tot Ion: 95 Resp: 69159
Ion Ratio Lower Upper
95 100
174 99.0 0.0 155.4
176 81.4 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063498.D
Acq: 12 Aug 2019 20:05

Tgt Ion: 117 Resp: 295458
Ion Ratio Lower Upper
117 100
82 56.6 42.0 63.0
119 33.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063498.D

Acq: 12 Aug 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

SB-05(0-2)RE

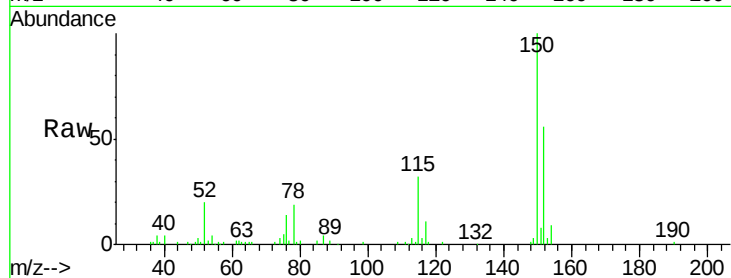
Tot Ion:152 Resp: 49551

Ion Ratio Lower Upper

152 100

115 56.9 30.9 92.7

150 177.7 0.0 318.6



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

