

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065810.D
 Acq On : 18 Jun 2020 16:07
 Operator : VA/SY
 Sample : L2812-06RE
 Misc : 6.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-061720RE

Quant Time: Jun 19 01:34:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

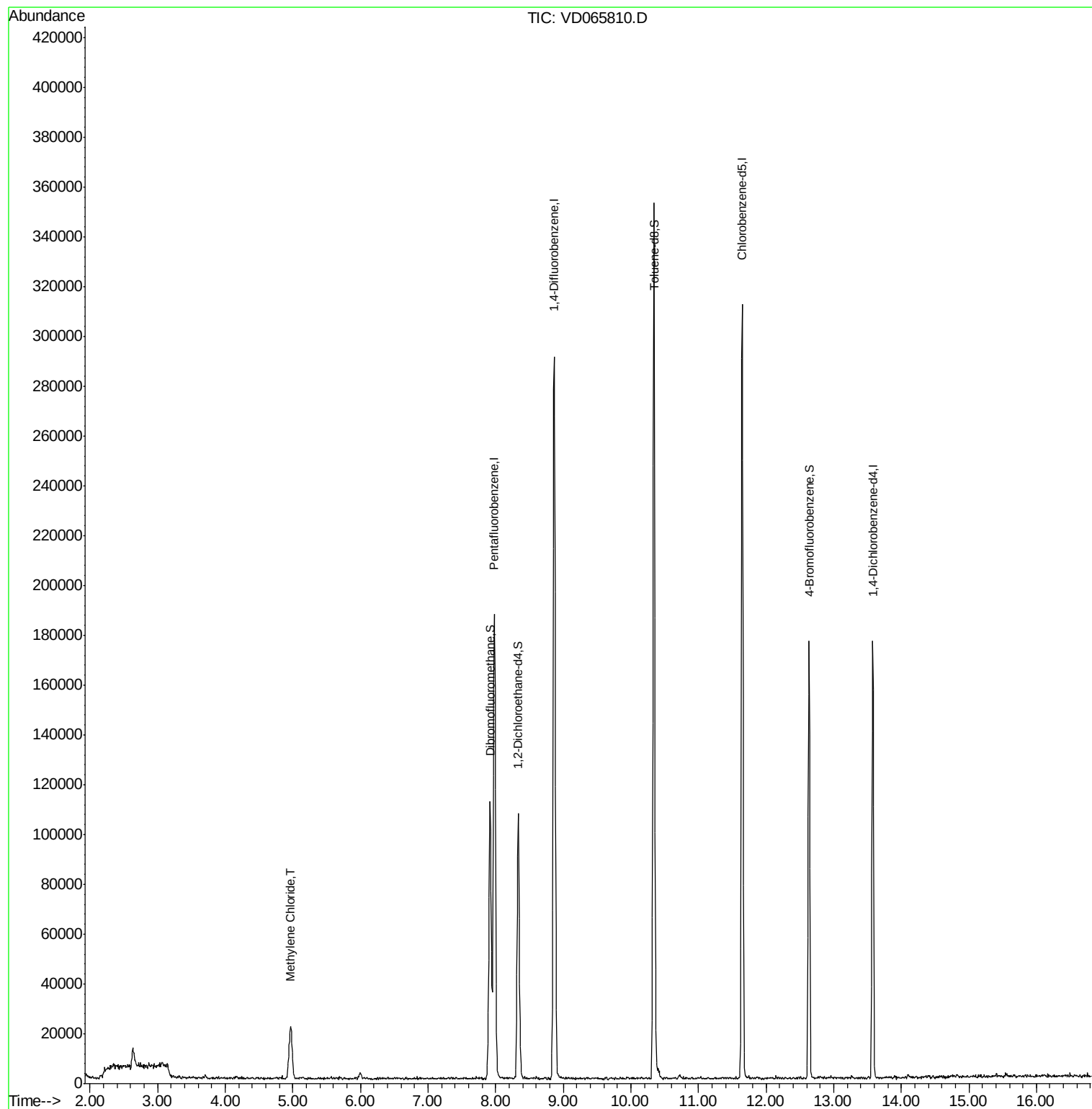
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	134860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	247561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	168322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	42511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	79877	59.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.88%	
35) Dibromofluoromethane	7.91	113	80569	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	10.34	98	234194	40.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.32%	
62) 4-Bromofluorobenzene	12.64	95	51770	26.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.36%	
Target Compounds						
20) Methylene Chloride	4.97	84	15705	8.030	ug/l #	Qvalue 96

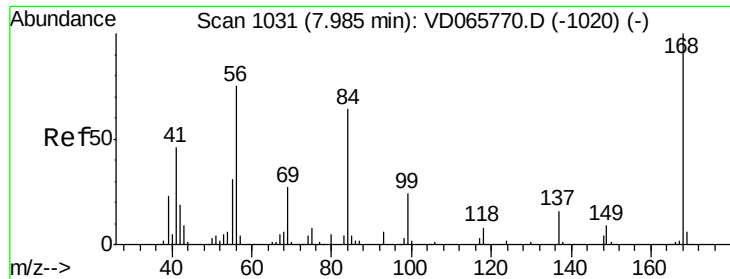
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 13:07:30 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065810.D

Acq: 18 Jun 2020 16:07

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MSVOA_D

ClientSampleId :

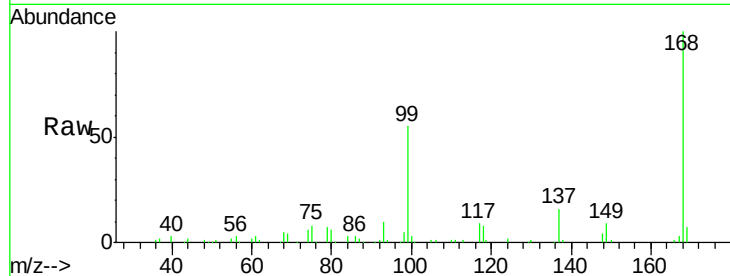
OK-03-061720RE

Tot Ion:168 Resp: 134860

Ion Ratio Lower Upper

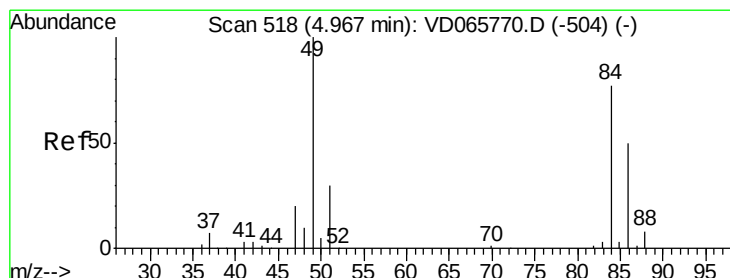
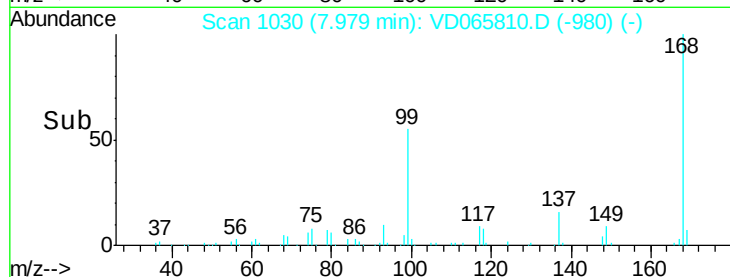
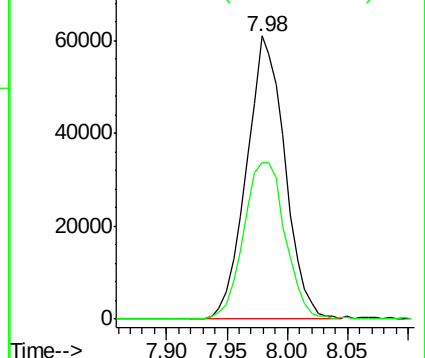
168 100

99 55.2 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 8.030 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065810.D

Acq: 18 Jun 2020 16:07

Tgt Ion: 84 Resp: 15705

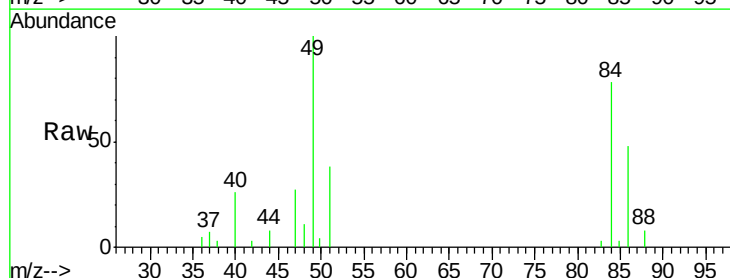
Ion Ratio Lower Upper

84 100

49 128.6 103.4 155.0

51 49.4 31.4 47.2#

86 61.2 51.7 77.5

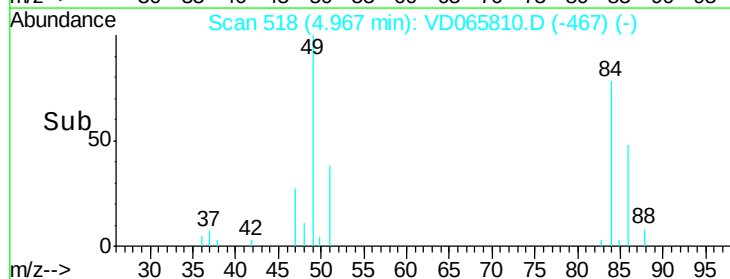
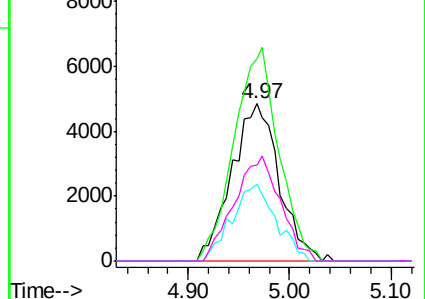


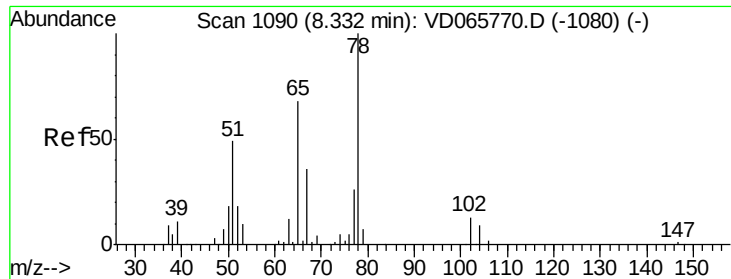
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

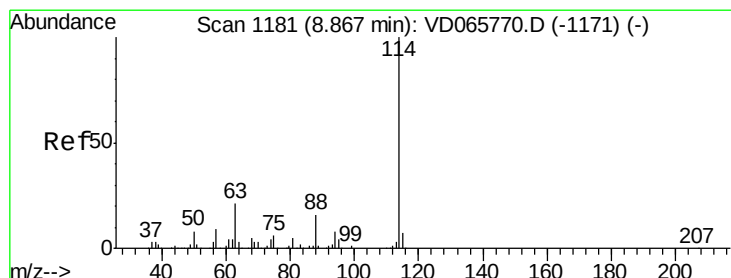
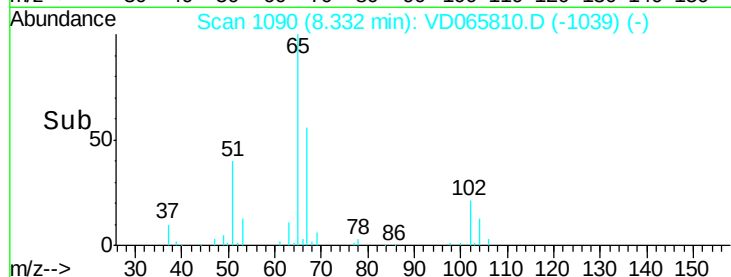
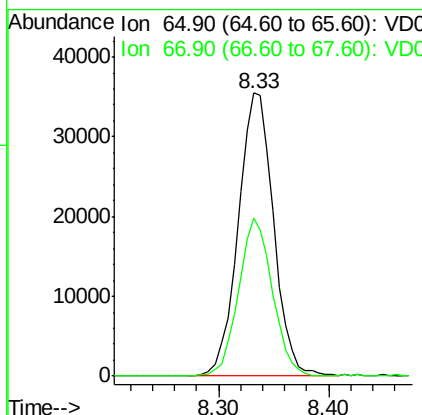
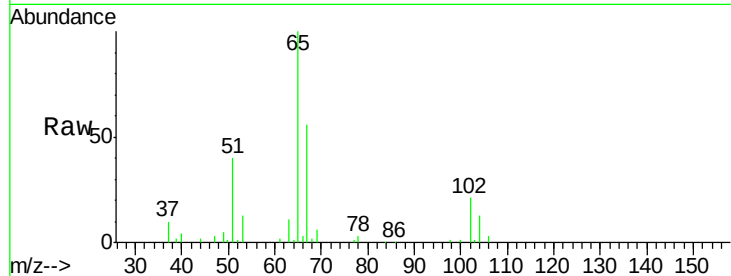




#33
 1,2-Dichloroethane-d4
 Concen: 59.941 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065810.D
 Acq: 18 Jun 2020 16:07

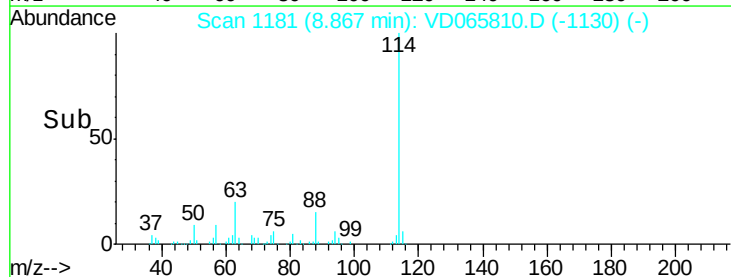
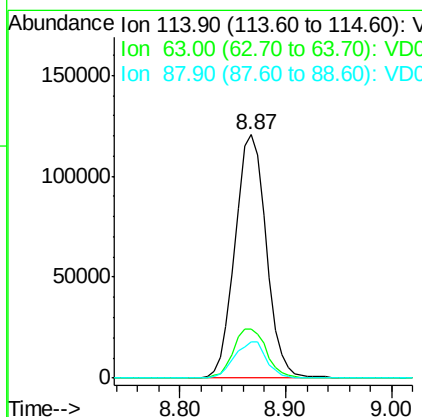
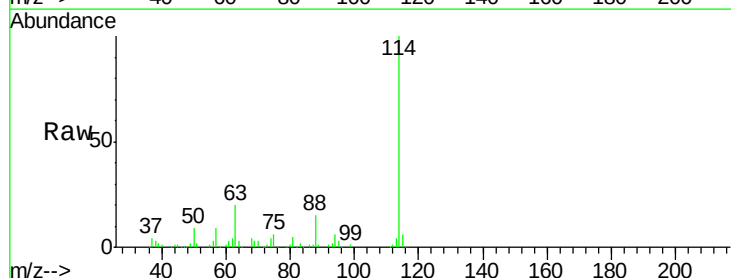
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-061720RE

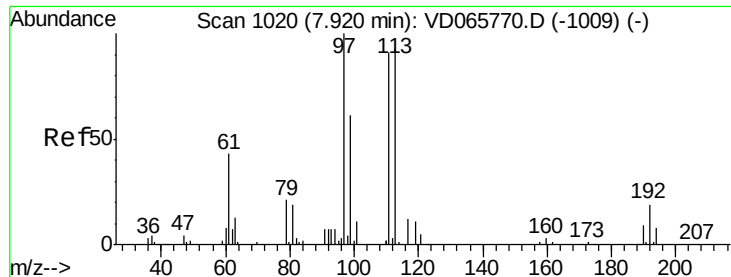
Tot Ion: 65 Resp: 79877
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065810.D
 Acq: 18 Jun 2020 16:07

Tgt Ion: 114 Resp: 247561
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 14.9 0.0 32.0

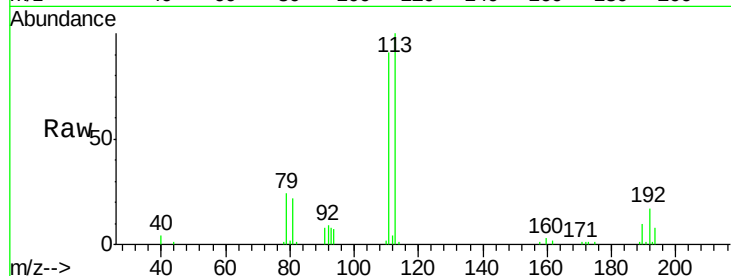




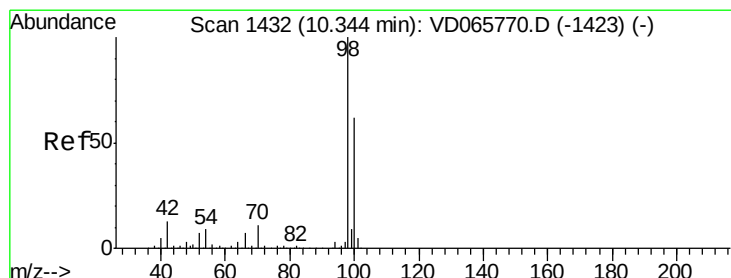
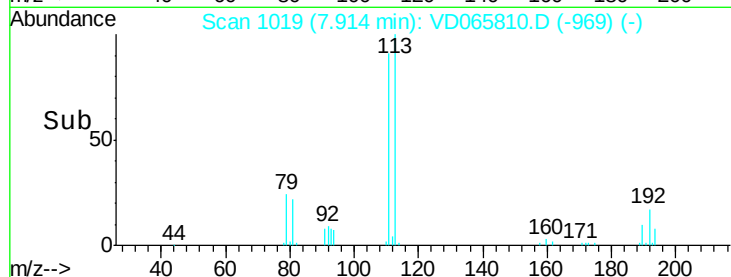
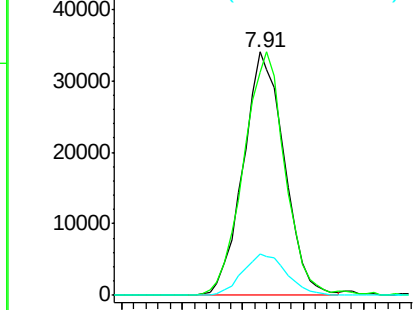
#35
 Dibromofluoromethane
 Concen: 51.523 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065810.D
 Acq: 18 Jun 2020 16:07

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-061720RE

Tot Ion:113 Resp: 80569
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.4 125.0
 192 17.9 15.7 23.5

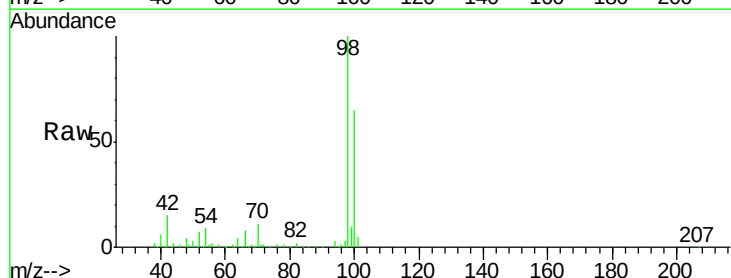


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

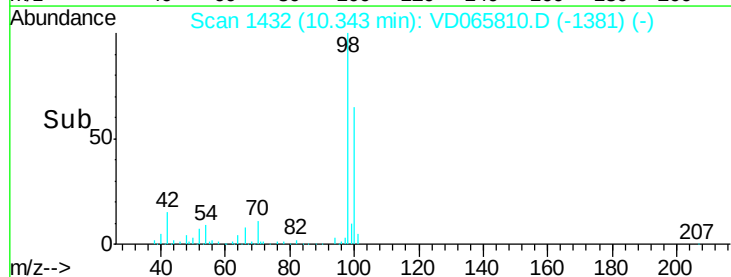
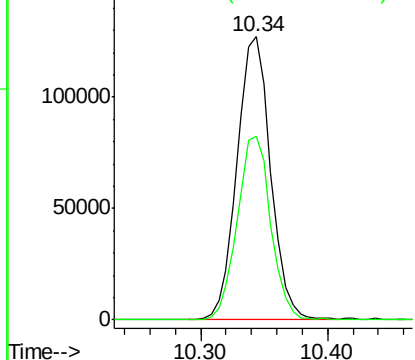


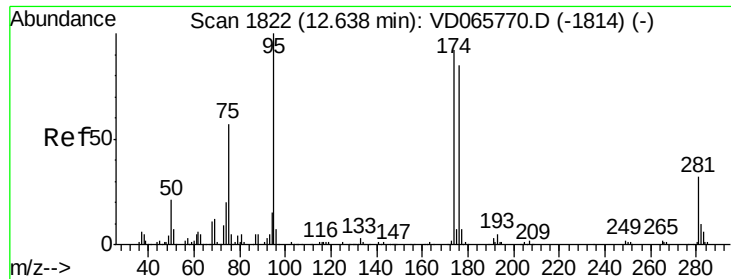
#50
 Toluene-d8
 Concen: 40.163 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065810.D
 Acq: 18 Jun 2020 16:07

Tgt Ion: 98 Resp: 234194
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

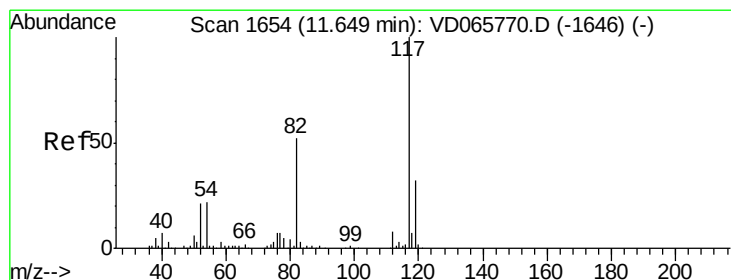
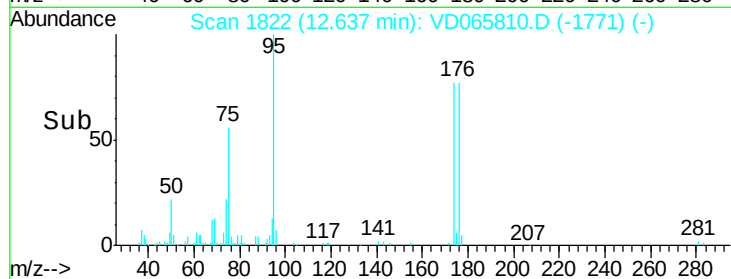
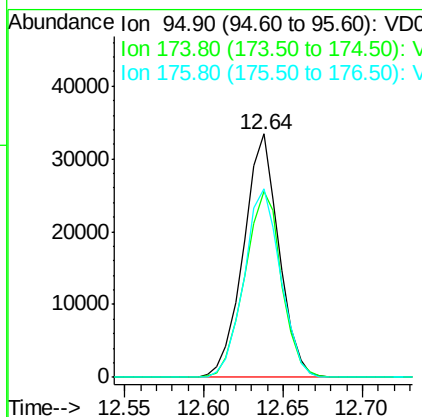
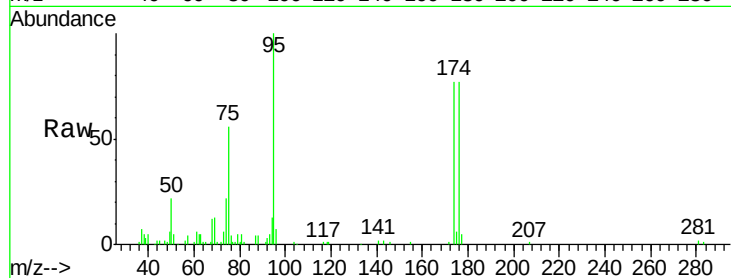




#62
4-Bromofluorobenzene
Concen: 26.180 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065810.D
Acq: 18 Jun 2020 16:07

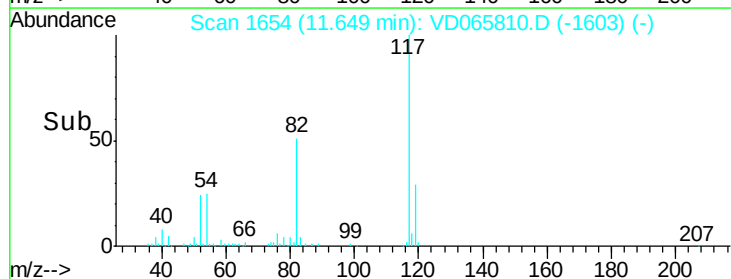
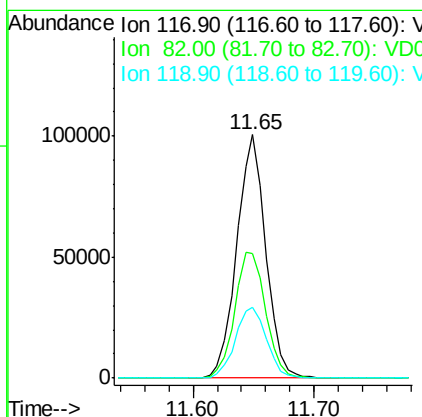
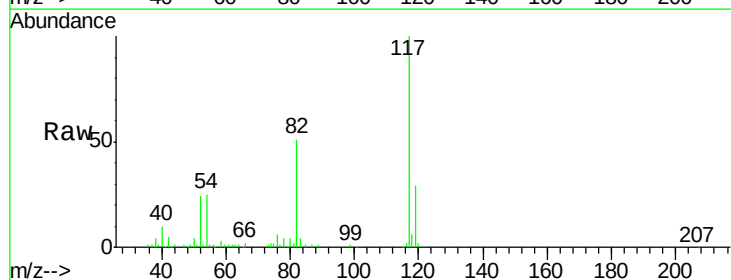
Instrument :
MSVOA_D
ClientSampleId :
OK-03-061720RE

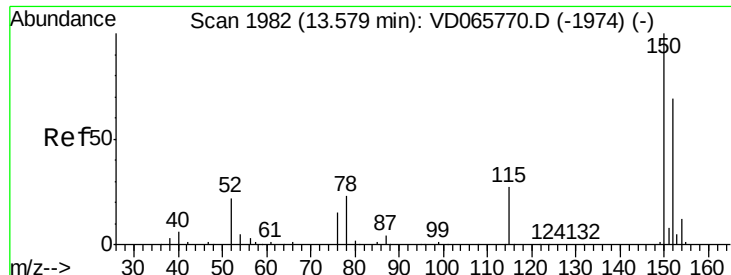
Tot Ion: 95 Resp: 51770
Ion Ratio Lower Upper
95 100
174 79.5 0.0 175.2
176 80.0 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065810.D
Acq: 18 Jun 2020 16:07

Tgt Ion: 117 Resp: 168322
Ion Ratio Lower Upper
117 100
82 51.2 41.9 62.9
119 29.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065810.D

Acq: 18 Jun 2020 16:07

Instrument :

MSVOA_D

ClientSampleId :

OK-03-061720RE

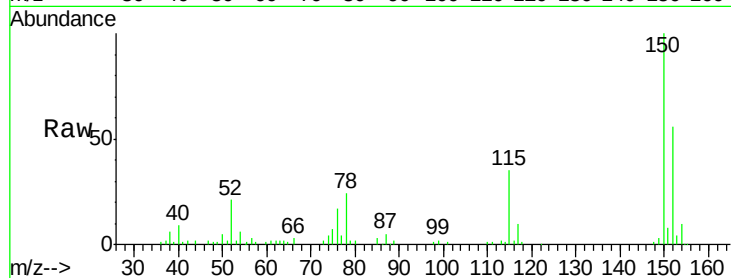
Tot Ion:152 Resp: 42511

Ion Ratio Lower Upper

152 100

115 58.2 28.7 86.1

150 156.9 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

