

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065836.D
 Acq On : 19 Jun 2020 18:41
 Operator : VA/SY
 Sample : L3024-22RE
 Misc : 6.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-11RE

Quant Time: Jun 20 02:42:52 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

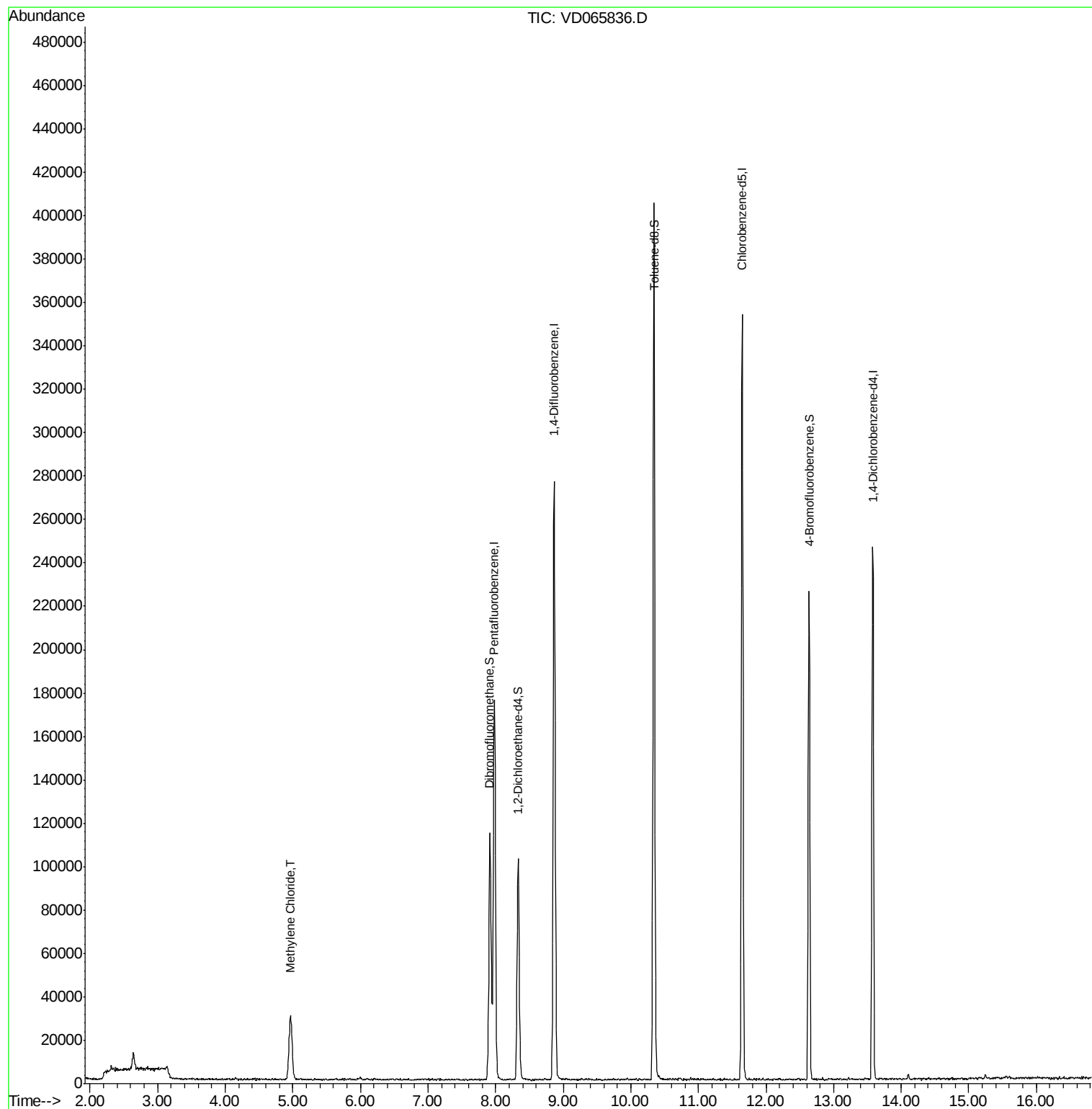
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	128146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	218730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	183295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	61265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	80463	63.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.08%	
35) Dibromofluoromethane	7.91	113	78877	57.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.18%	
50) Toluene-d8	10.34	98	264863	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.64	95	68396	39.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.30%	
Target Compounds						
20) Methylene Chloride	4.96	84	22360	14.465	ug/l #	92

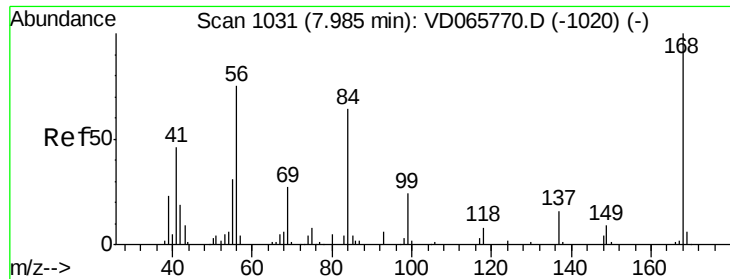
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065836.D

Acq: 19 Jun 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

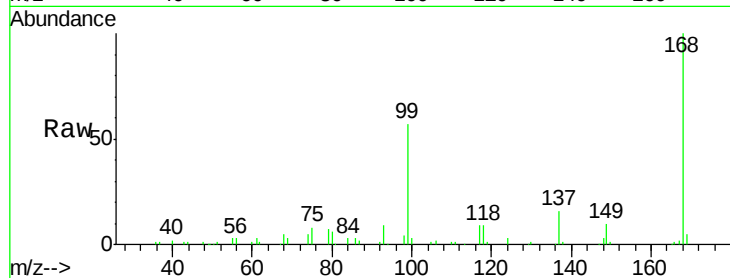
RO-11RE

Tot Ion:168 Resp: 128146

Ion Ratio Lower Upper

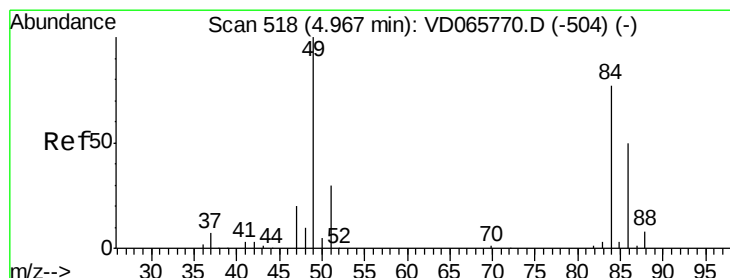
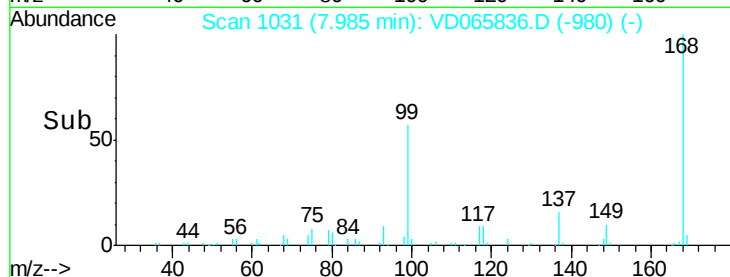
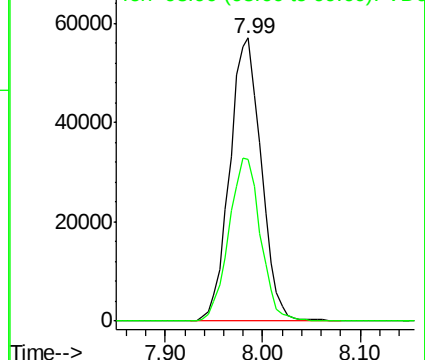
168 100

99 57.1 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: 14.465 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065836.D

Acq: 19 Jun 2020 18:41

Tgt Ion: 84 Resp: 22360

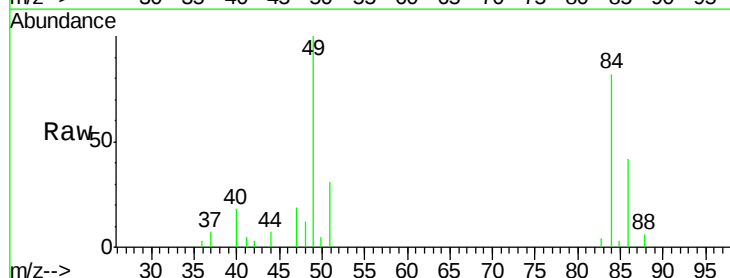
Ion Ratio Lower Upper

84 100

49 122.3 103.4 155.0

51 38.1 31.4 47.2

86 51.0 51.7 77.5#

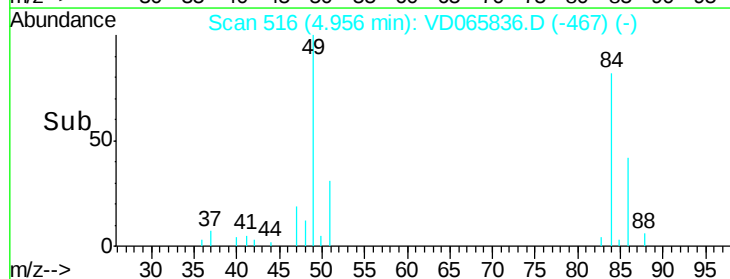
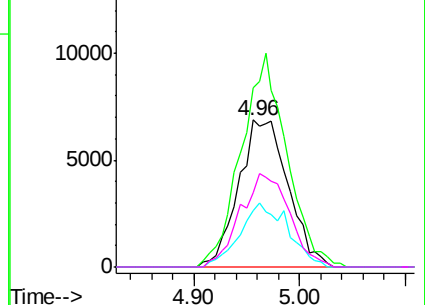


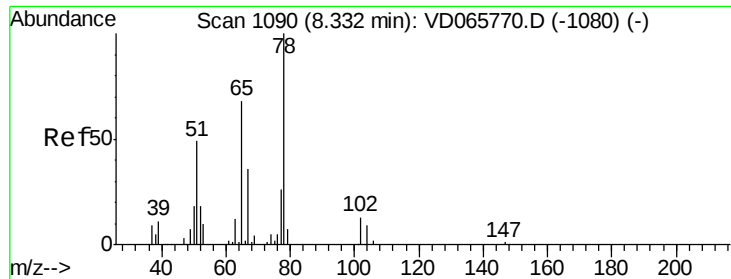
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

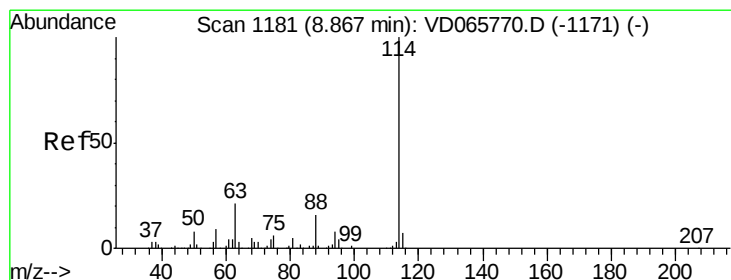
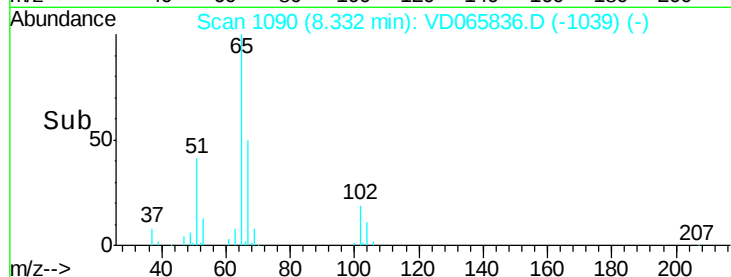
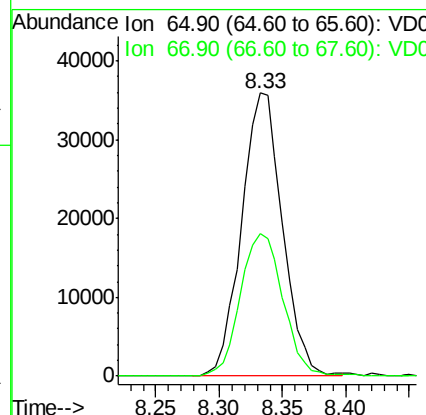
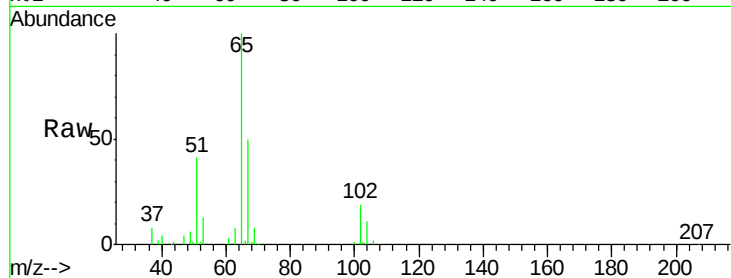




#33
 1,2-Dichloroethane-d4
 Concen: 63.544 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065836.D
 Acq: 19 Jun 2020 18:41

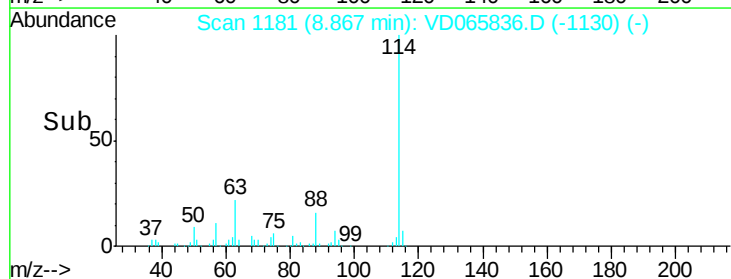
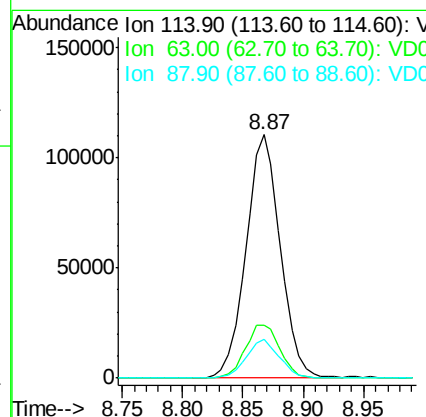
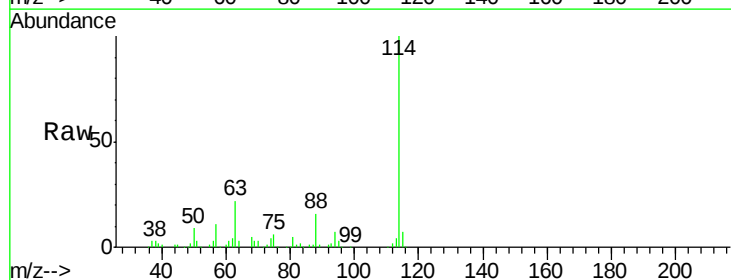
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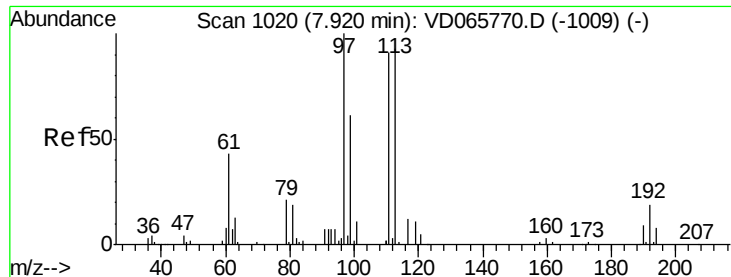
Tot Ion: 65 Resp: 80463
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065836.D
 Acq: 19 Jun 2020 18:41

Tgt Ion: 114 Resp: 218730
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.8
 88 16.2 0.0 32.0

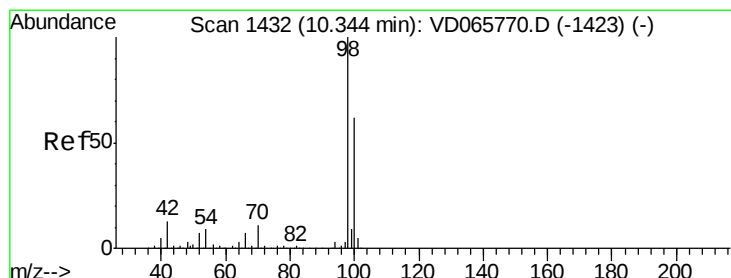
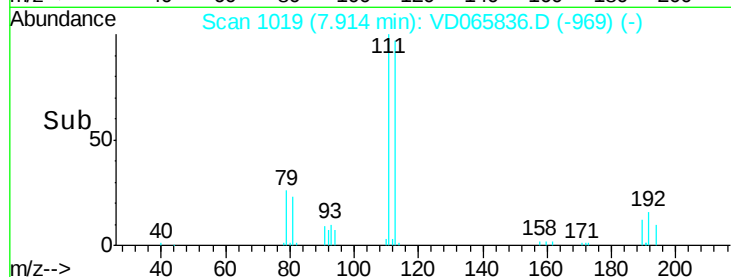
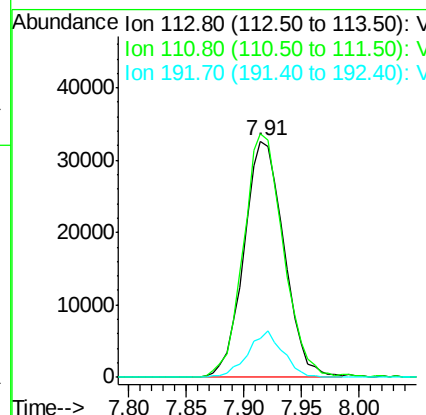
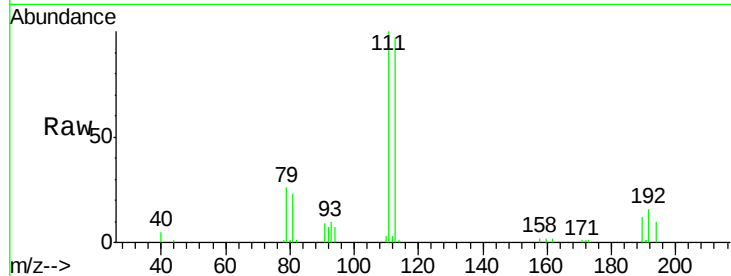




#35
 Dibromofluoromethane
 Concen: 57.090 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065836.D
 Acq: 19 Jun 2020 18:41

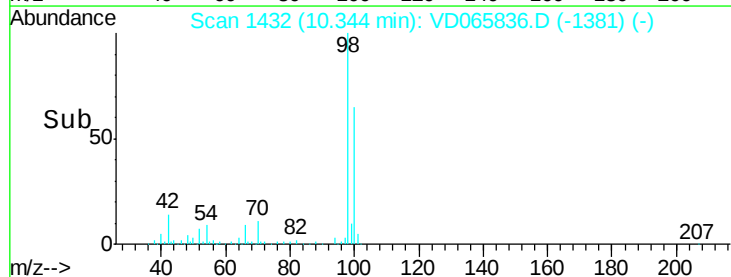
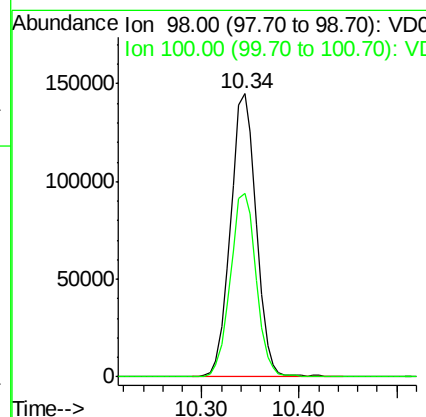
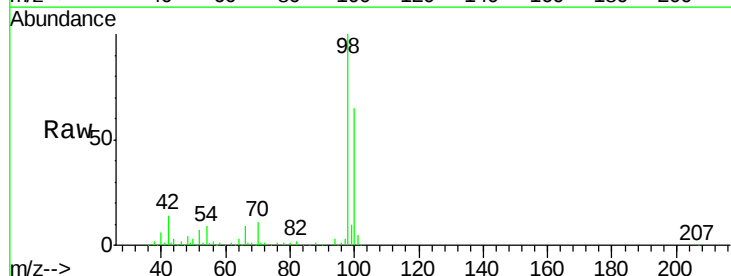
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-11RE

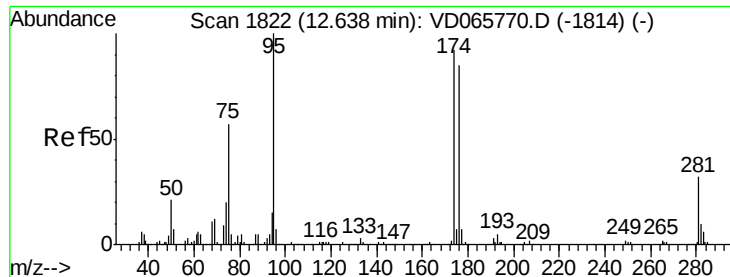
Tot Ion:113 Resp: 78877
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.0
 192 17.1 15.7 23.5



#50
 Toluene-d8
 Concen: 51.410 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065836.D
 Acq: 19 Jun 2020 18:41

Tgt Ion: 98 Resp: 264863
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.4 77.2

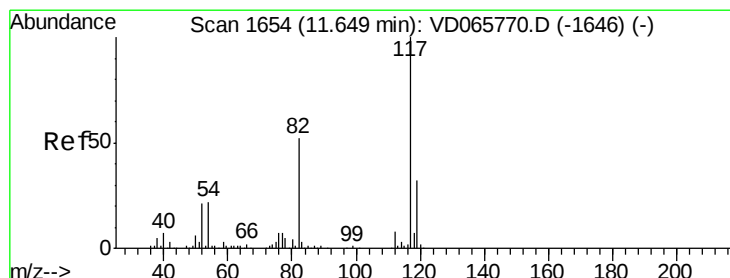
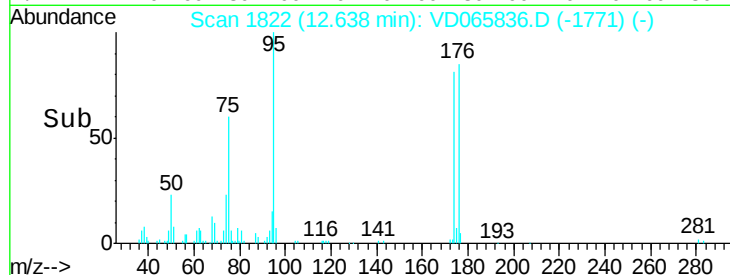
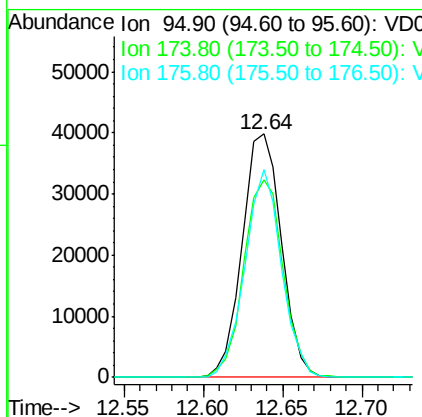
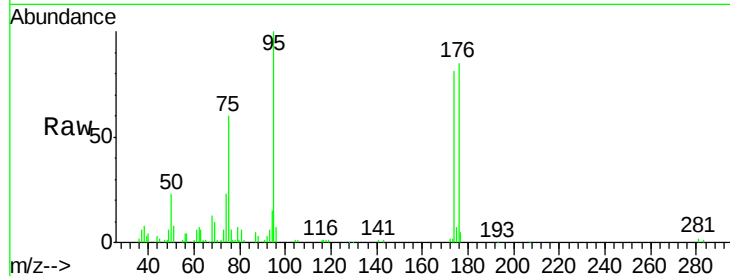




#62
4-Bromofluorobenzene
Concen: 39.146 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065836.D
Acq: 19 Jun 2020 18:41

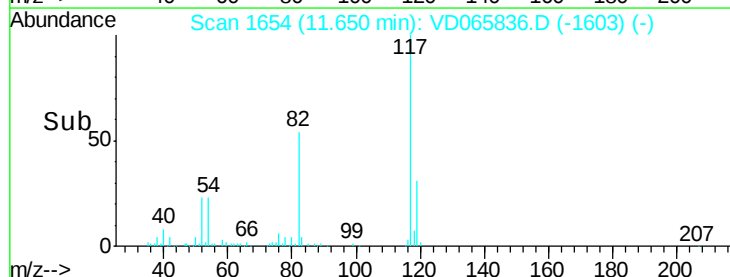
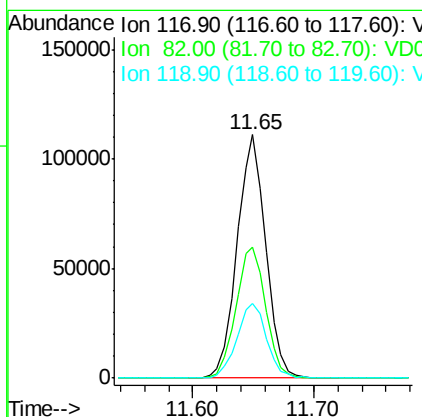
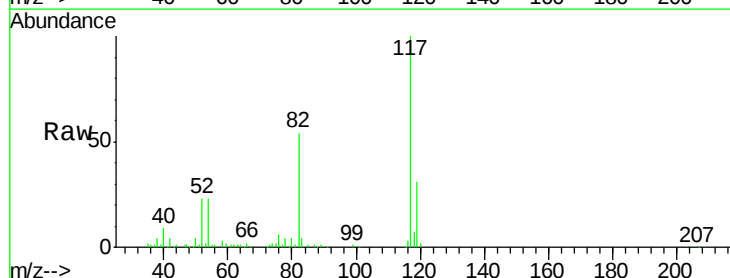
Instrument :
MSVOA_D
ClientSampleId :
RO-11RE

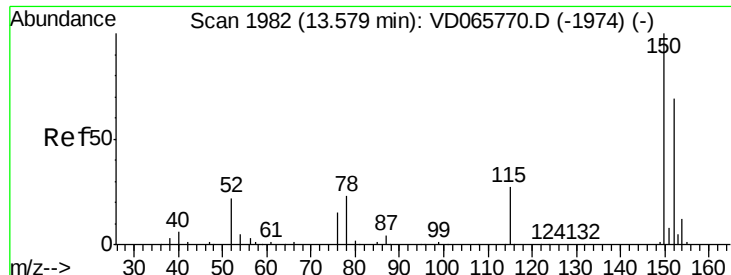
Tot Ion: 95 Resp: 68396
Ion Ratio Lower Upper
95 100
174 81.9 0.0 175.2
176 79.6 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065836.D
Acq: 19 Jun 2020 18:41

Tgt Ion: 117 Resp: 183295
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 30.5 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: VD065836.D

Acq: 19 Jun 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

RO-11RE

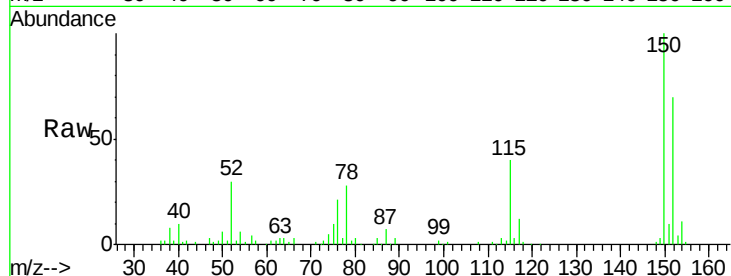
Tot Ion:152 Resp: 61265

Ion Ratio Lower Upper

152 100

115 60.4 28.7 86.1

150 160.4 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

