

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065812.D
 Acq On : 18 Jun 2020 17:01
 Operator : VA/SY
 Sample : L3024-04
 Misc : 7.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-25

Quant Time: Jun 19 01:37:31 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

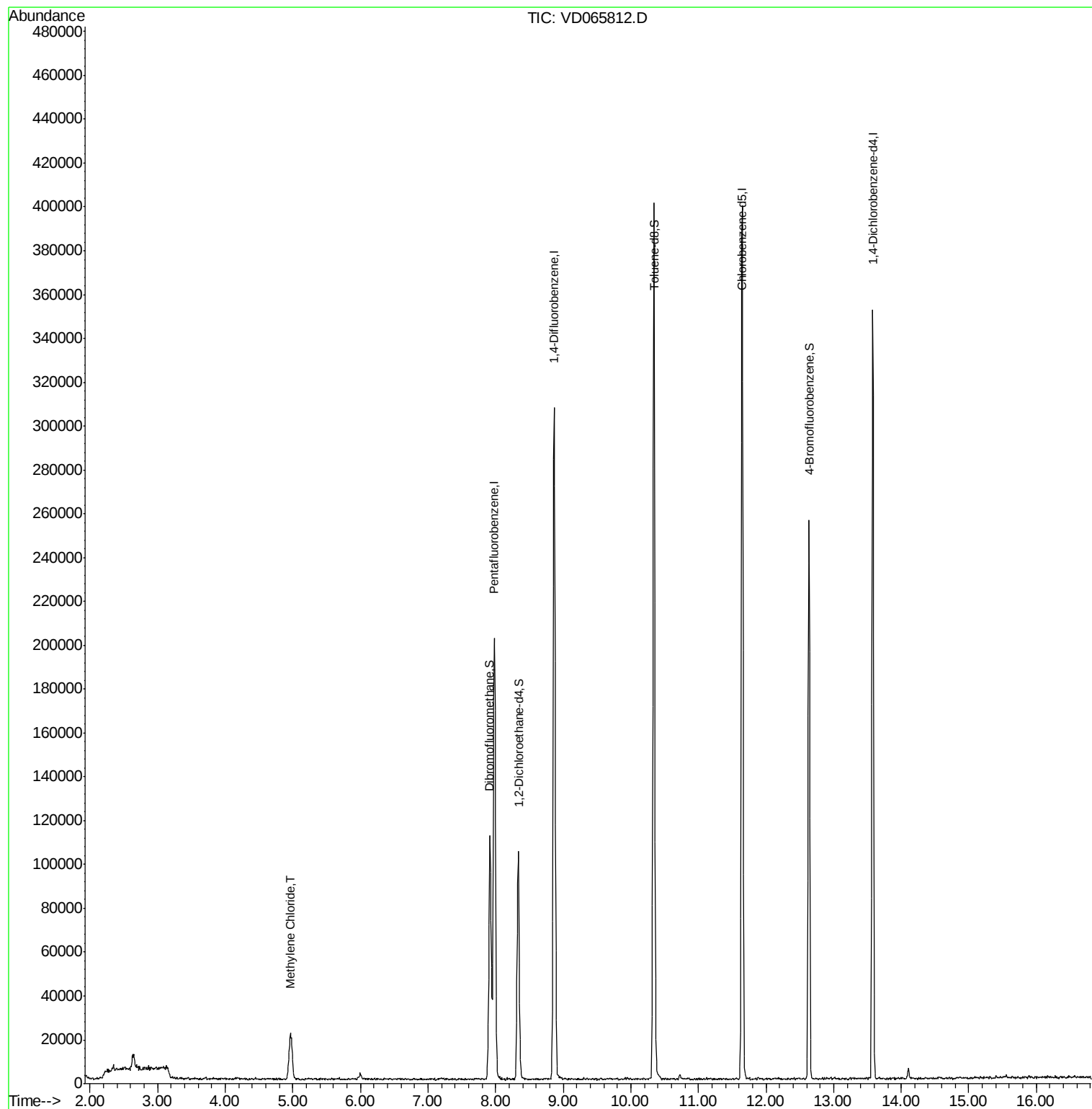
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	145987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	254895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	220210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	84773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	80616	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	7.92	113	77855	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	10.34	98	267537	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
62) 4-Bromofluorobenzene	12.64	95	78471	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
20) Methylene Chloride	4.96	84	16551	7.688	ug/l	Qvalue 97

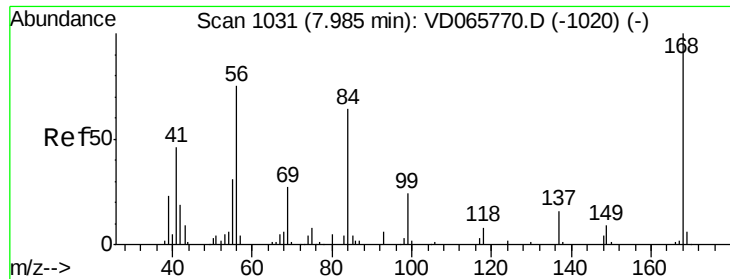
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065812.D

Acq: 18 Jun 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

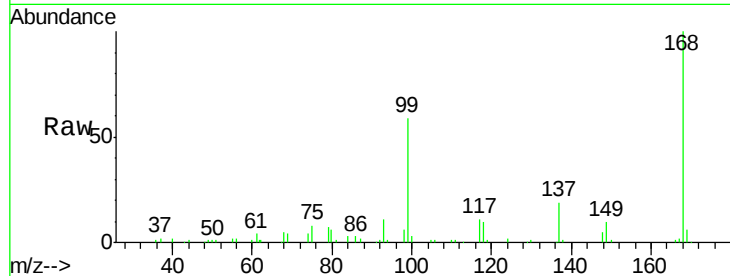
RO-25

Tot Ion:168 Resp: 145987

Ion Ratio Lower Upper

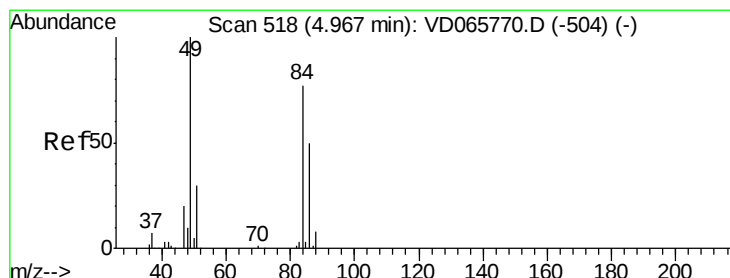
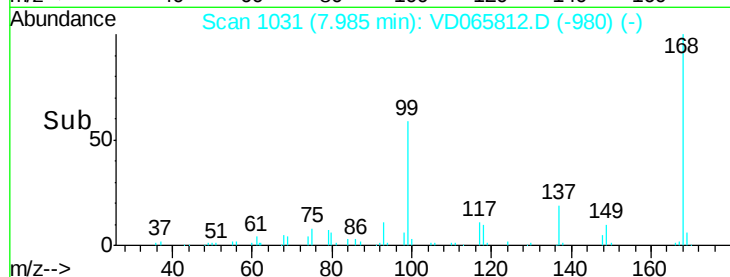
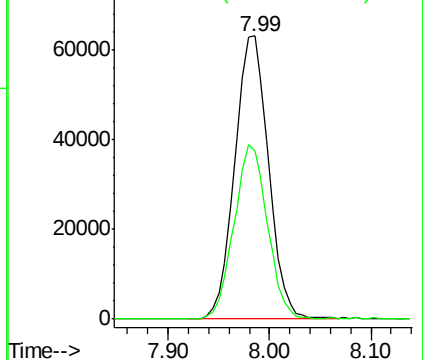
168 100

99 59.3 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: 7.688 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065812.D

Acq: 18 Jun 2020 17:01

Tgt Ion: 84 Resp: 16551

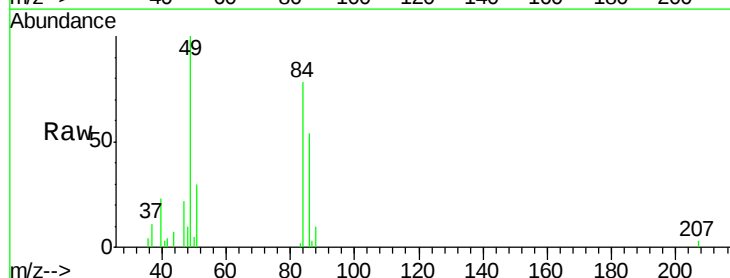
Ion Ratio Lower Upper

84 100

49 128.2 103.4 155.0

51 38.4 31.4 47.2

86 69.8 51.7 77.5

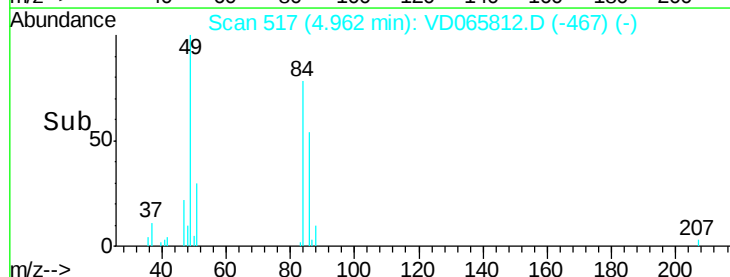
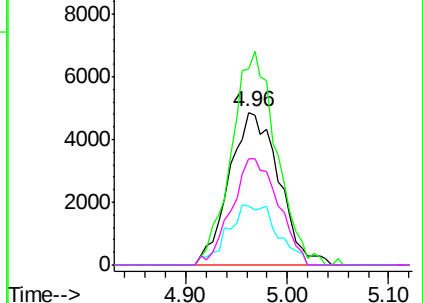


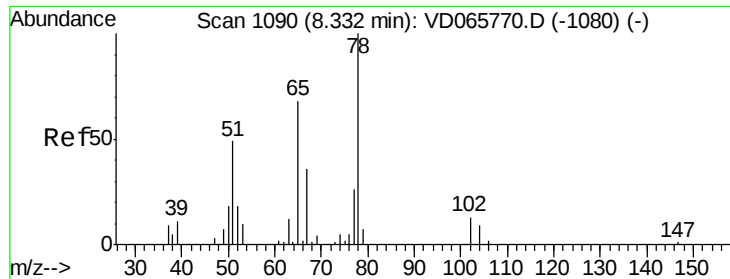
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

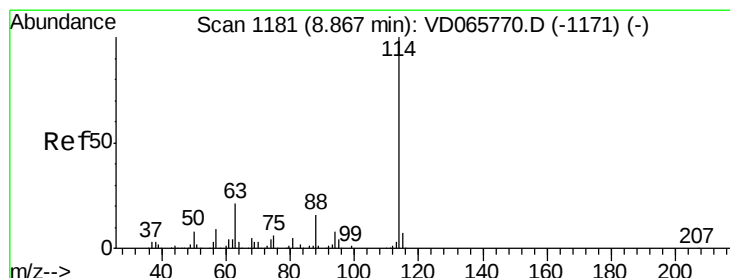
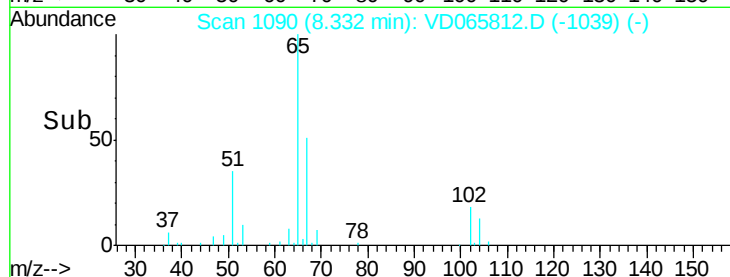
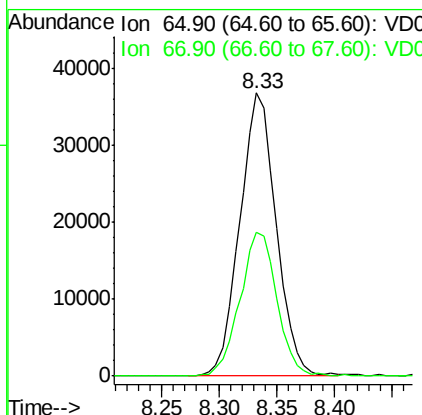
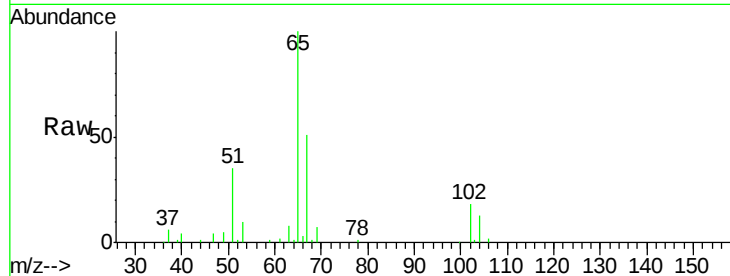




#33
 1,2-Dichloroethane-d4
 Concen: 55.885 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065812.D
 Acq: 18 Jun 2020 17:01

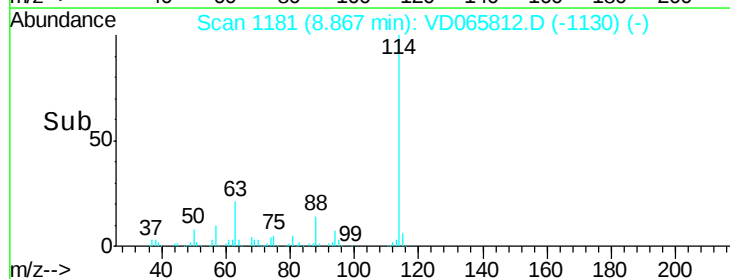
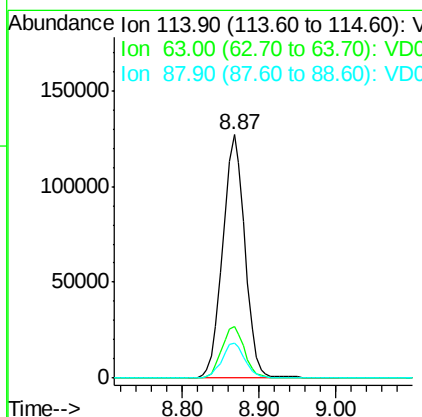
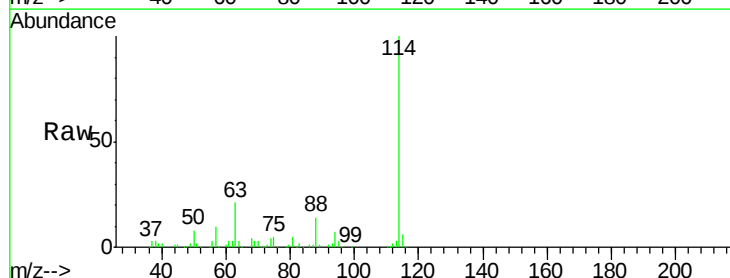
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-25

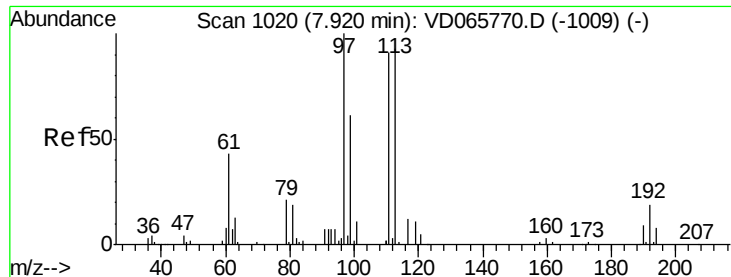
Tot Ion: 65 Resp: 80616
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065812.D
 Acq: 18 Jun 2020 17:01

Tgt Ion: 114 Resp: 254895
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.8
 88 14.1 0.0 32.0

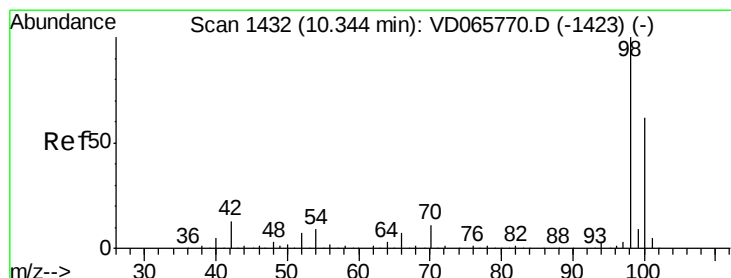
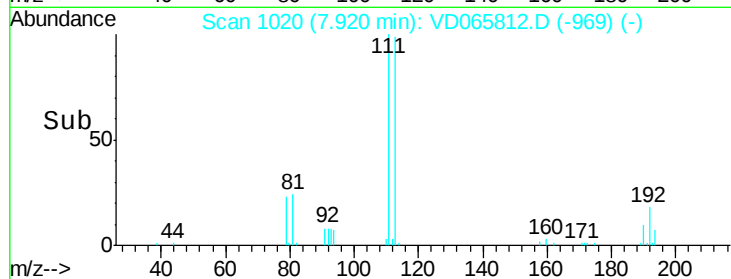
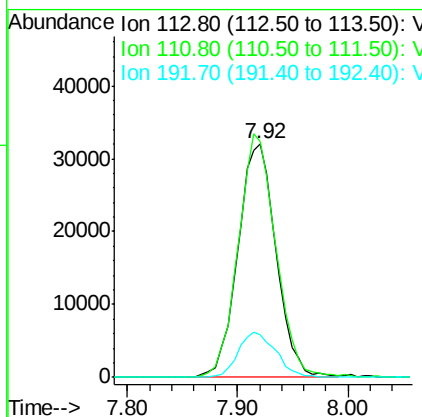
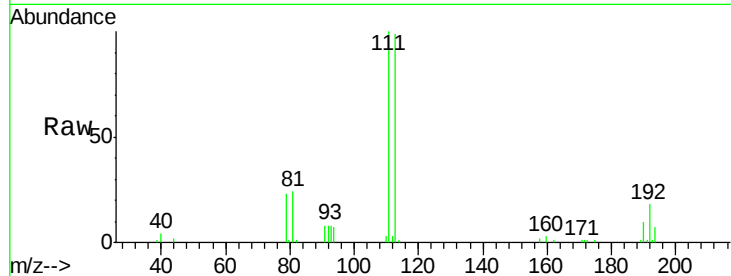




#35
 Dibromofluoromethane
 Concen: 48.355 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065812.D
 Acq: 18 Jun 2020 17:01

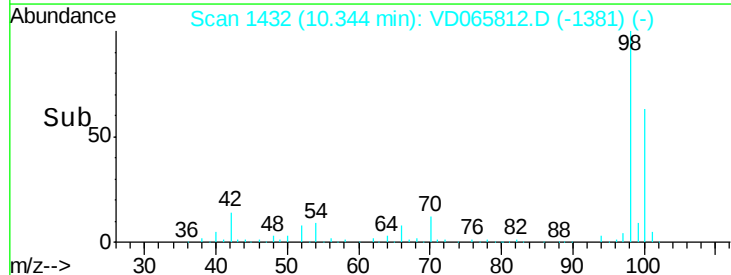
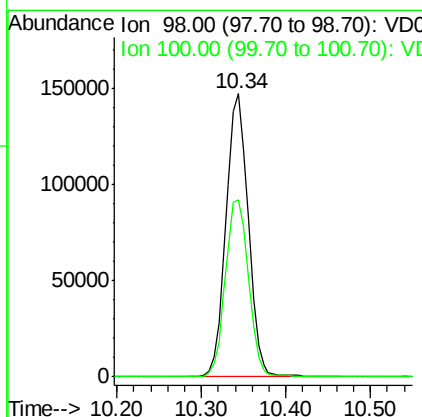
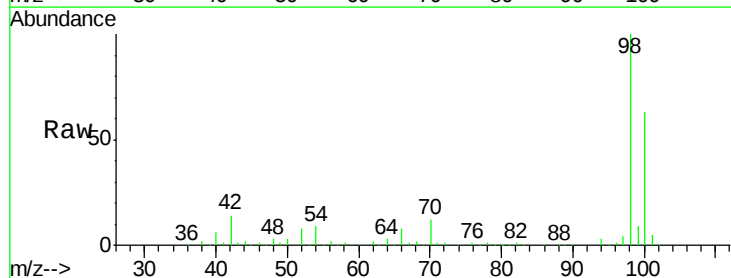
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-25

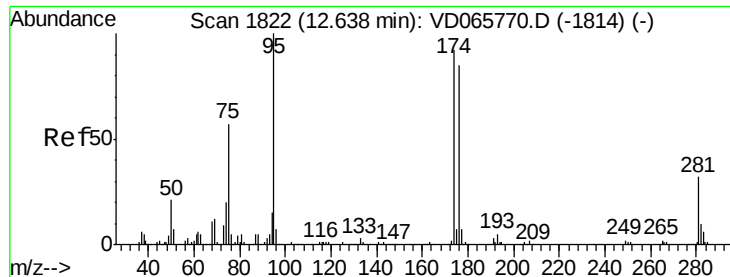
Tot Ion:113 Resp: 77855
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.0
 192 18.9 15.7 23.5



#50
 Toluene-d8
 Concen: 44.562 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065812.D
 Acq: 18 Jun 2020 17:01

Tgt Ion: 98 Resp: 267537
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.4 77.2

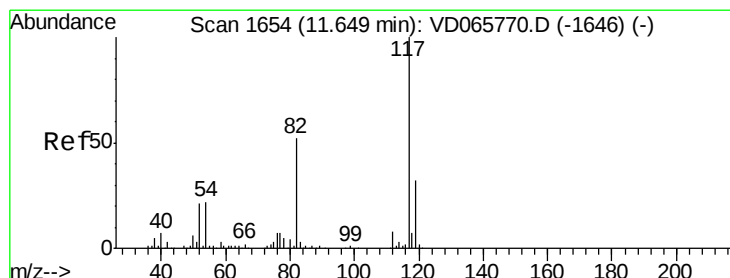
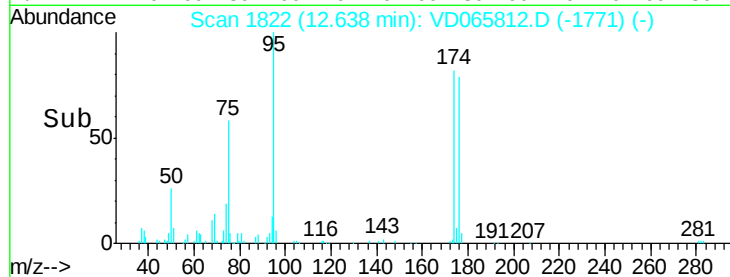
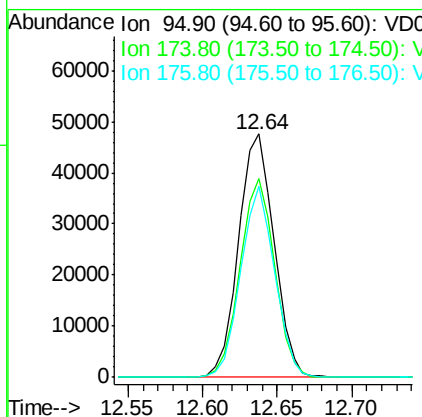
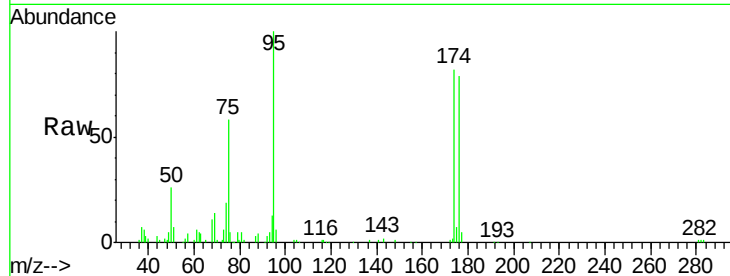




#62
4-Bromofluorobenzene
Concen: 38.540 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065812.D
Acq: 18 Jun 2020 17:01

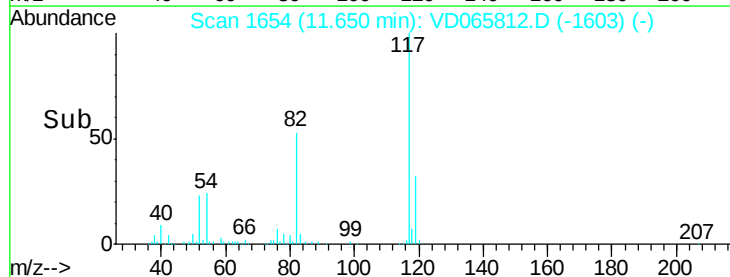
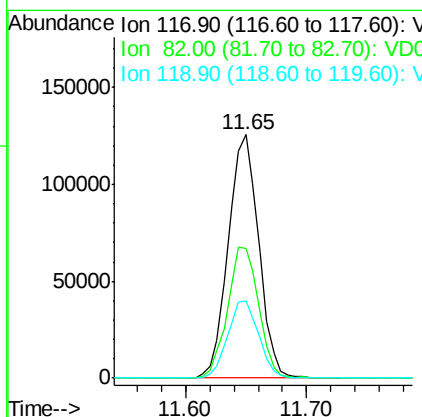
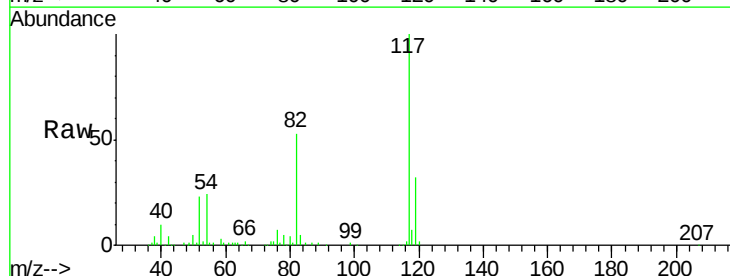
Instrument :
MSVOA_D
ClientSampleId :
RO-25

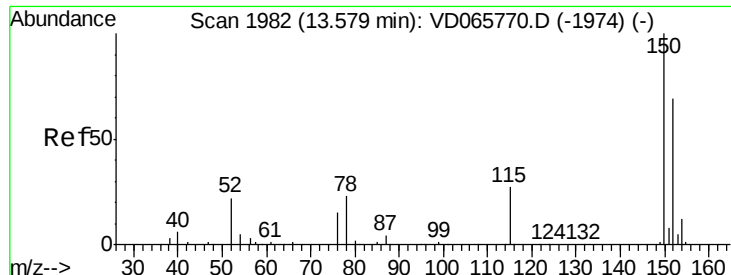
Tot Ion: 95 Resp: 78471
Ion Ratio Lower Upper
95 100
174 79.9 0.0 175.2
176 74.8 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065812.D
Acq: 18 Jun 2020 17:01

Tgt Ion: 117 Resp: 220210
Ion Ratio Lower Upper
117 100
82 53.5 41.9 62.9
119 31.9 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: VD065812.D

Acq: 18 Jun 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

RO-25

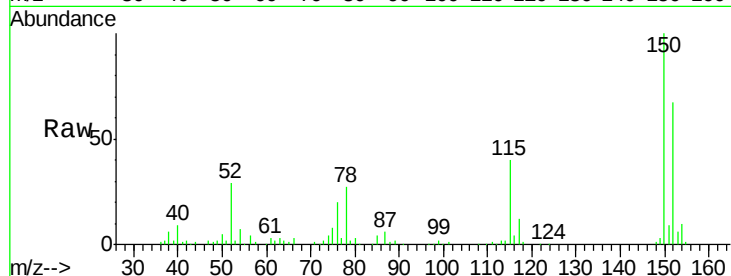
Tot Ion:152 Resp: 84773

Ion Ratio Lower Upper

152 100

115 60.9 28.7 86.1

150 155.4 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

