

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067197.D
 Acq On : 08 Oct 2020 16:26
 Operator : VA/SY
 Sample : L4298-01
 Misc : 7.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-559

Quant Time: Oct 09 03:29:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

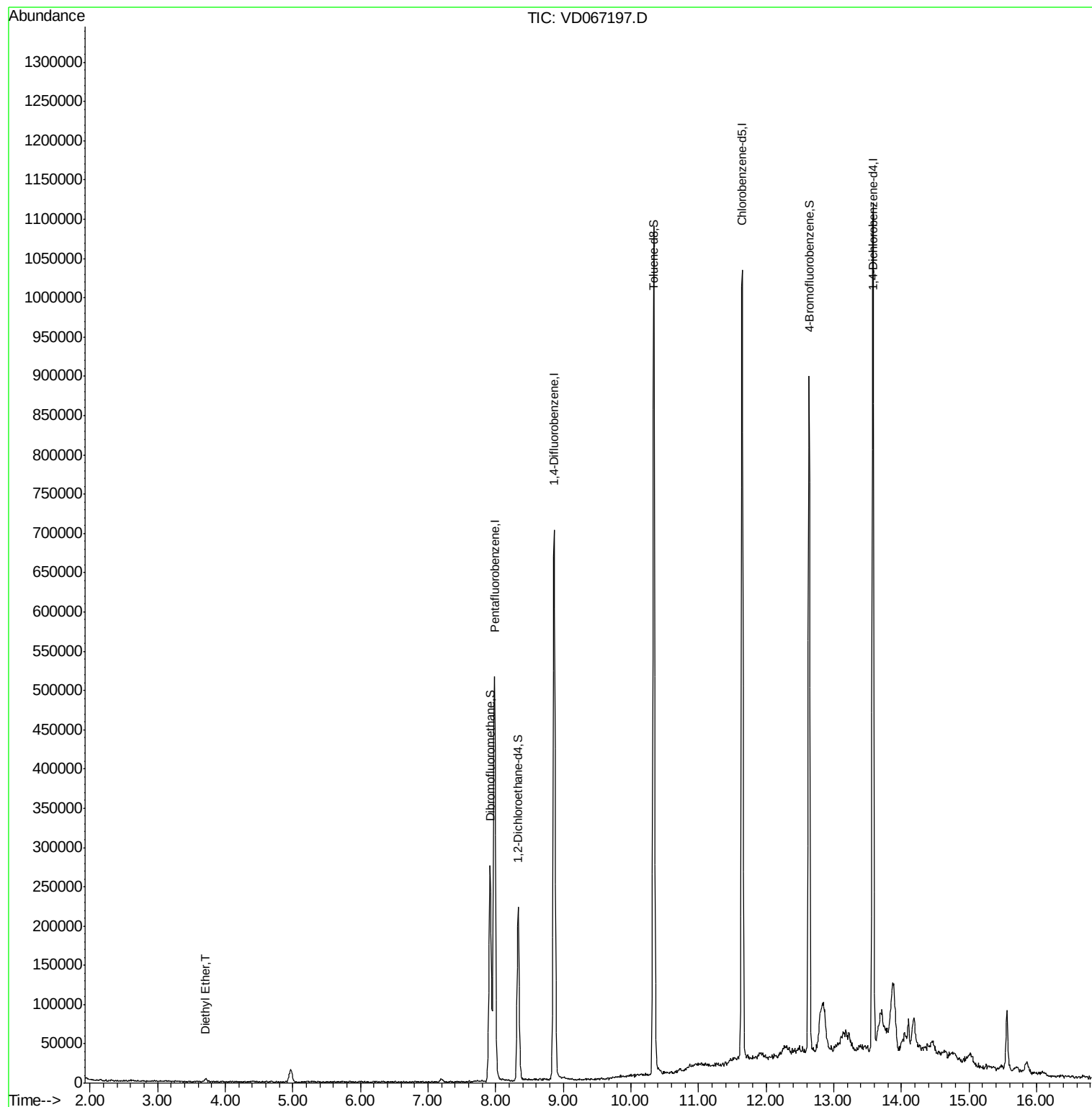
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	634183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	620386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	309589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	185379	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	7.92	113	197398	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	10.34	98	761361	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.64	95	285077	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
Target Compounds						
8) Diethyl Ether	3.71	74	2521	1.467	ug/l	Qvalue 72

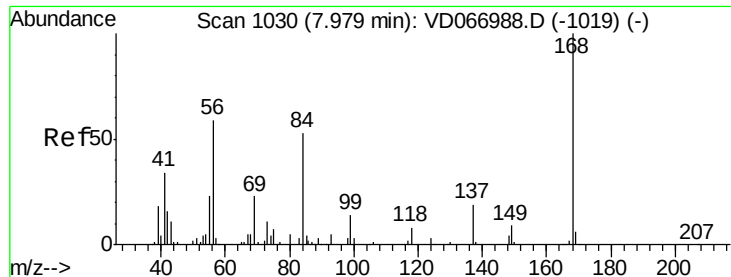
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067197.D

Acq: 08 Oct 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

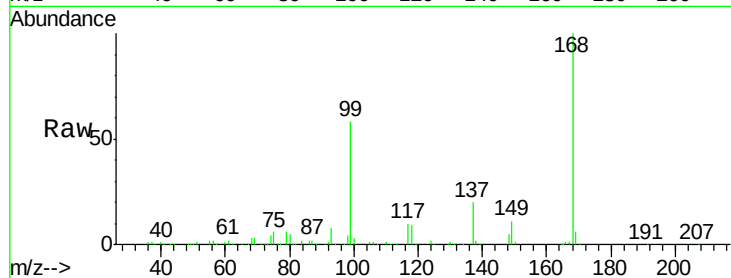
RBR-559

Tot Ion:168 Resp: 390525

Ion Ratio Lower Upper

168 100

99 57.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

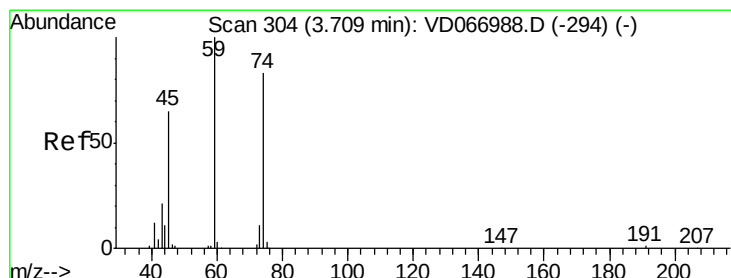
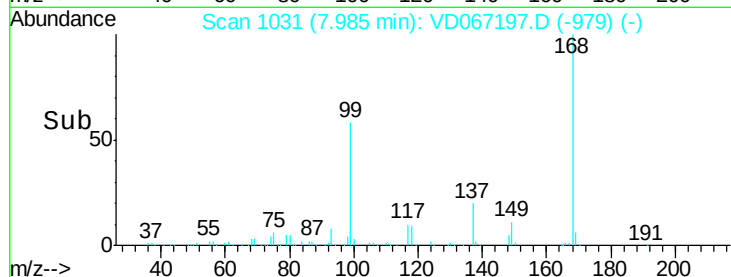
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.467 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD067197.D

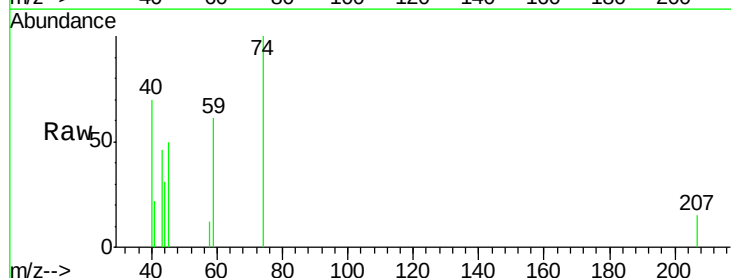
Acq: 08 Oct 2020 16:26

Tgt Ion: 74 Resp: 2521

Ion Ratio Lower Upper

74 100

45 60.7 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

1500

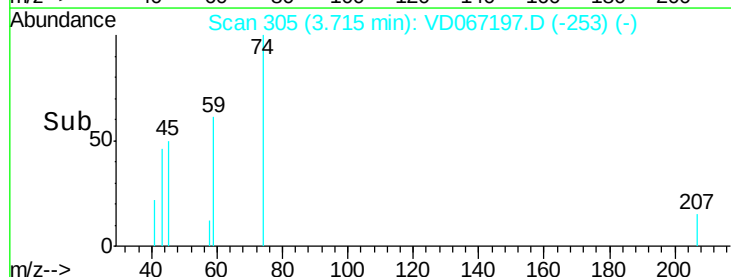
1000

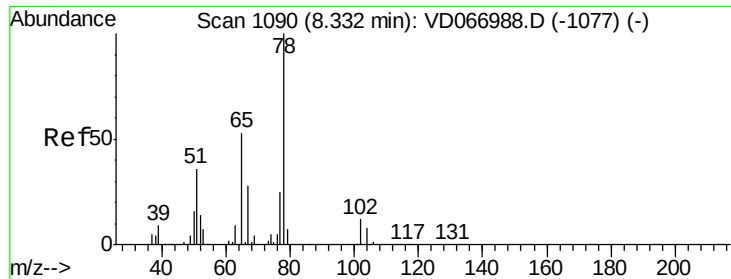
500

0

3.65 3.70 3.75

Time-->

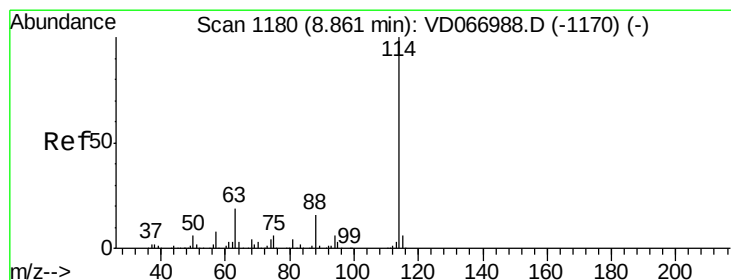
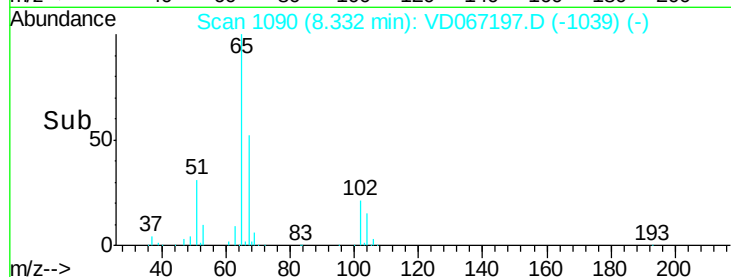
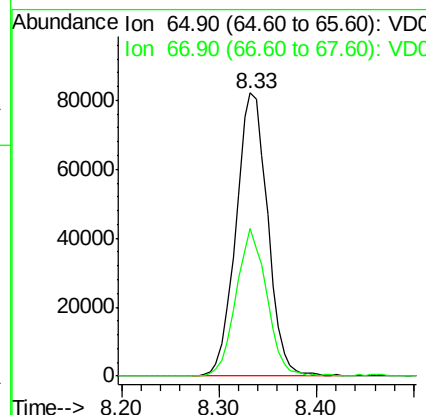
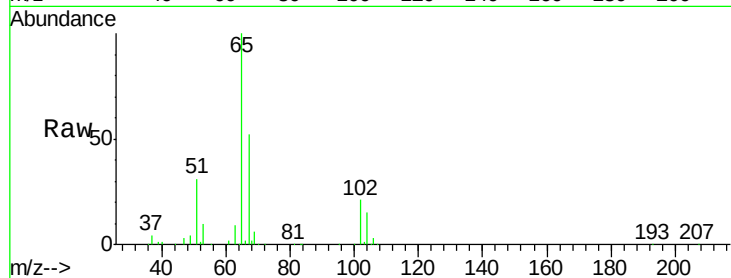




#33
 1,2-Dichloroethane-d4
 Concen: 49.283 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067197.D
 Acq: 08 Oct 2020 16:26

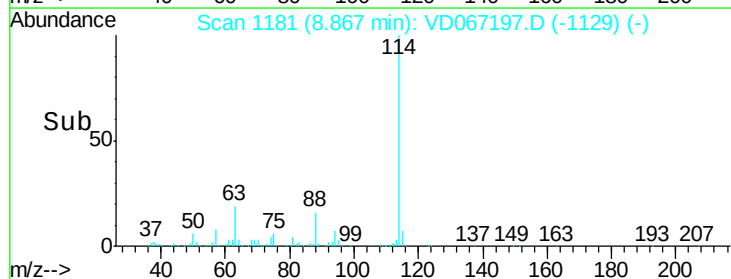
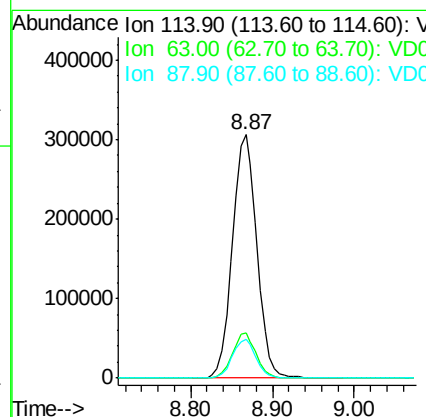
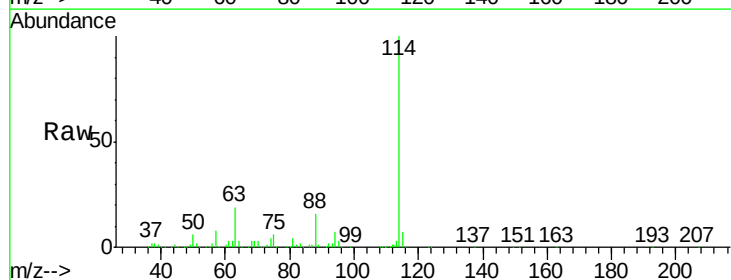
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-559

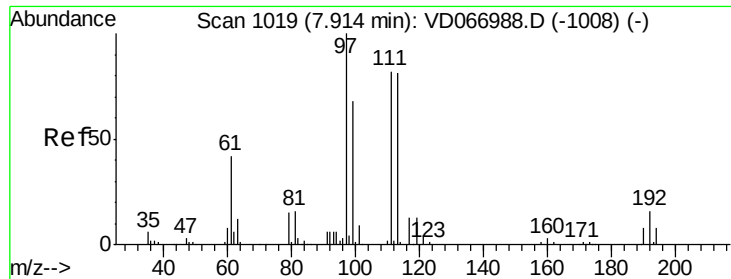
Tot Ion: 65 Resp: 185379
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067197.D
 Acq: 08 Oct 2020 16:26

Tgt Ion: 114 Resp: 634183
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 15.8 0.0 31.2

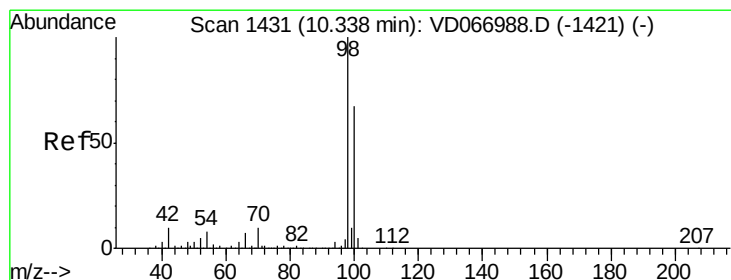
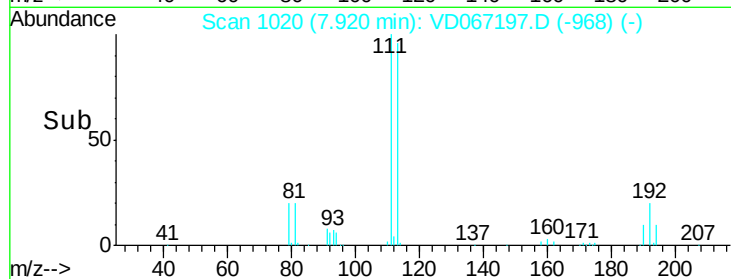
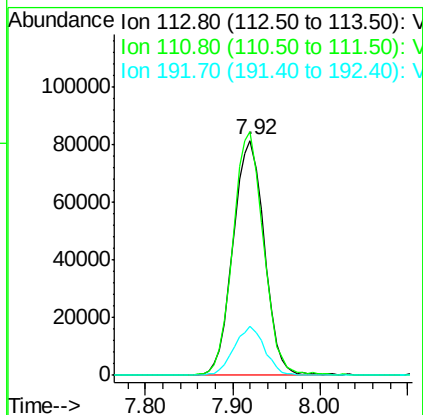
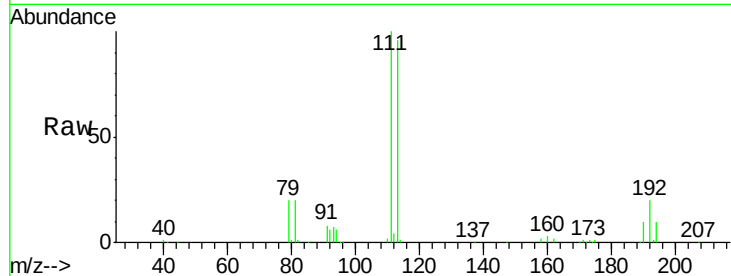




#35
 Dibromofluoromethane
 Concen: 47.544 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067197.D
 Acq: 08 Oct 2020 16:26

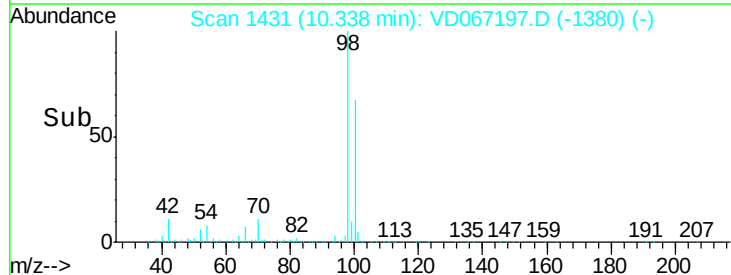
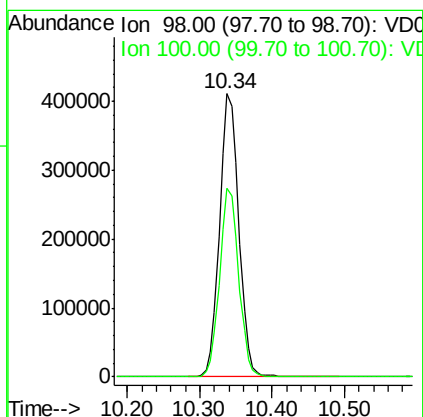
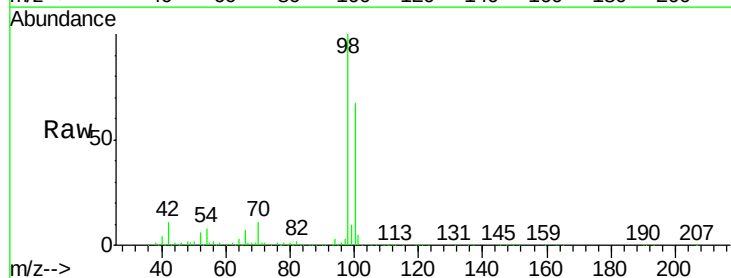
Instrument :
 MSVOA_D
 ClientSampled :
 RBR-559

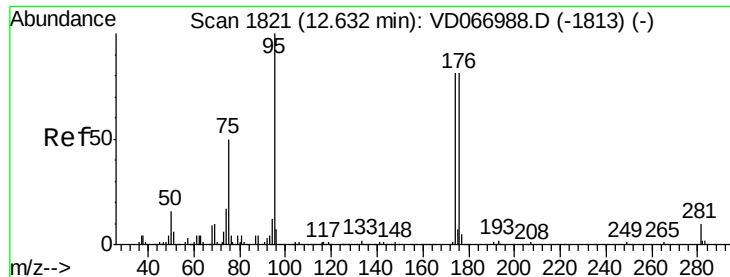
Tot Ion:113 Resp: 197398
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.0 124.4
 192 20.4 15.5 23.3



#50
 Toluene-d8
 Concen: 50.325 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067197.D
 Acq: 08 Oct 2020 16:26

Tgt Ion: 98 Resp: 761361
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.8 79.2

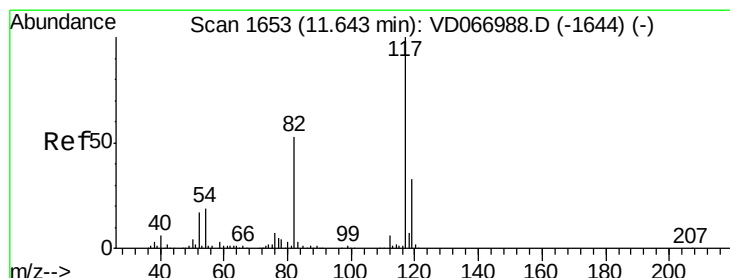
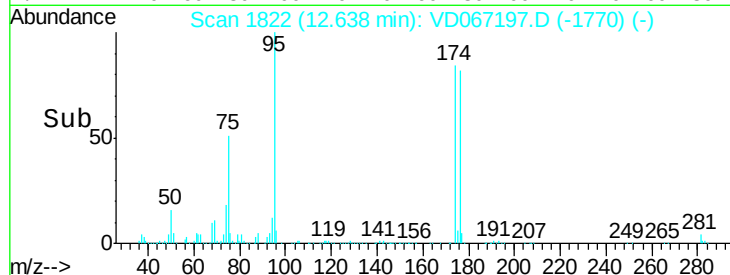
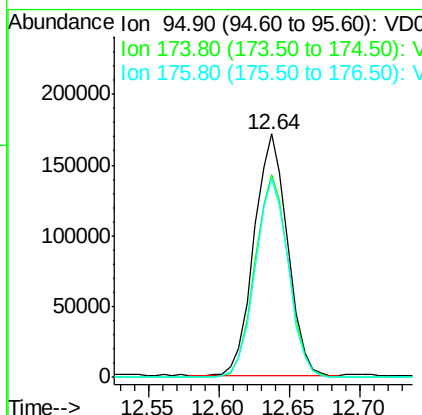
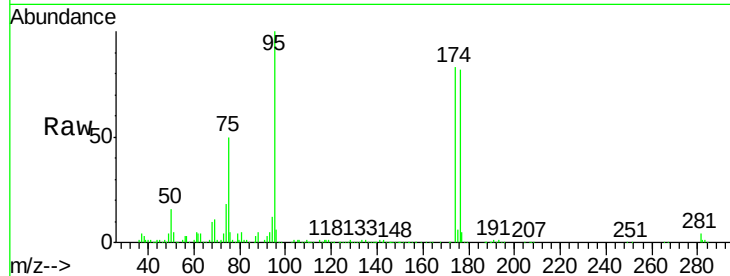




#62
4-Bromofluorobenzene
Concen: 55.507 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067197.D
Acq: 08 Oct 2020 16:26

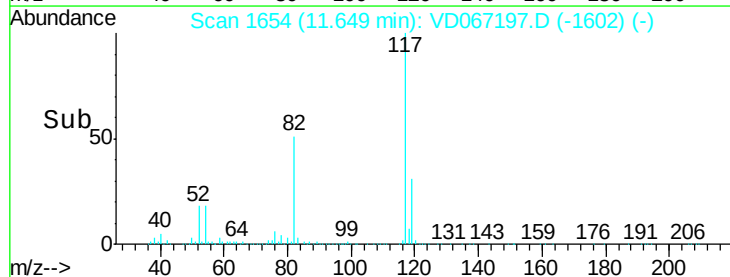
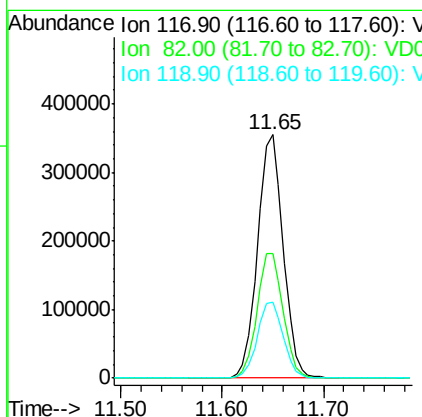
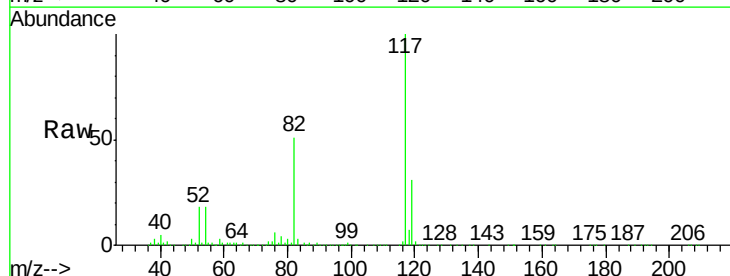
Instrument :
MSVOA_D
ClientSampleId :
RBR-559

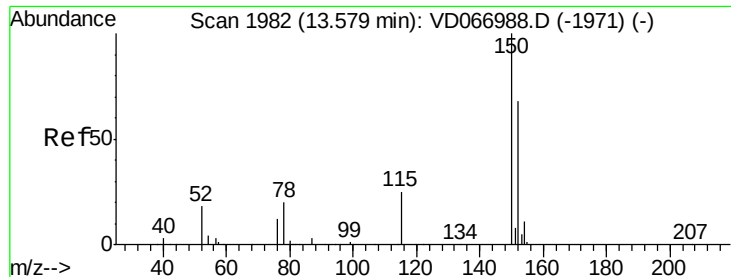
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	167.6
176	81.4	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067197.D
Acq: 08 Oct 2020 16:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.6	63.8
119	31.1	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD067197.D

Acq: 08 Oct 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

RBR-559

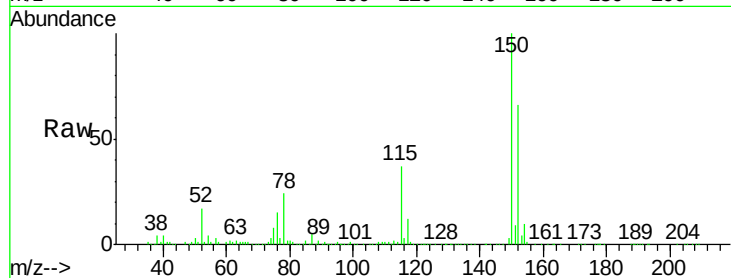
Tot Ion:152 Resp: 309589

Ion Ratio Lower Upper

152 100

115 58.6 29.6 88.8

150 156.3 0.0 344.8



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

