

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065197.D
 Acq On : 17 Feb 2020 15:29
 Operator : VA/SY
 Sample : L1484-02
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Feb 18 03:59:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

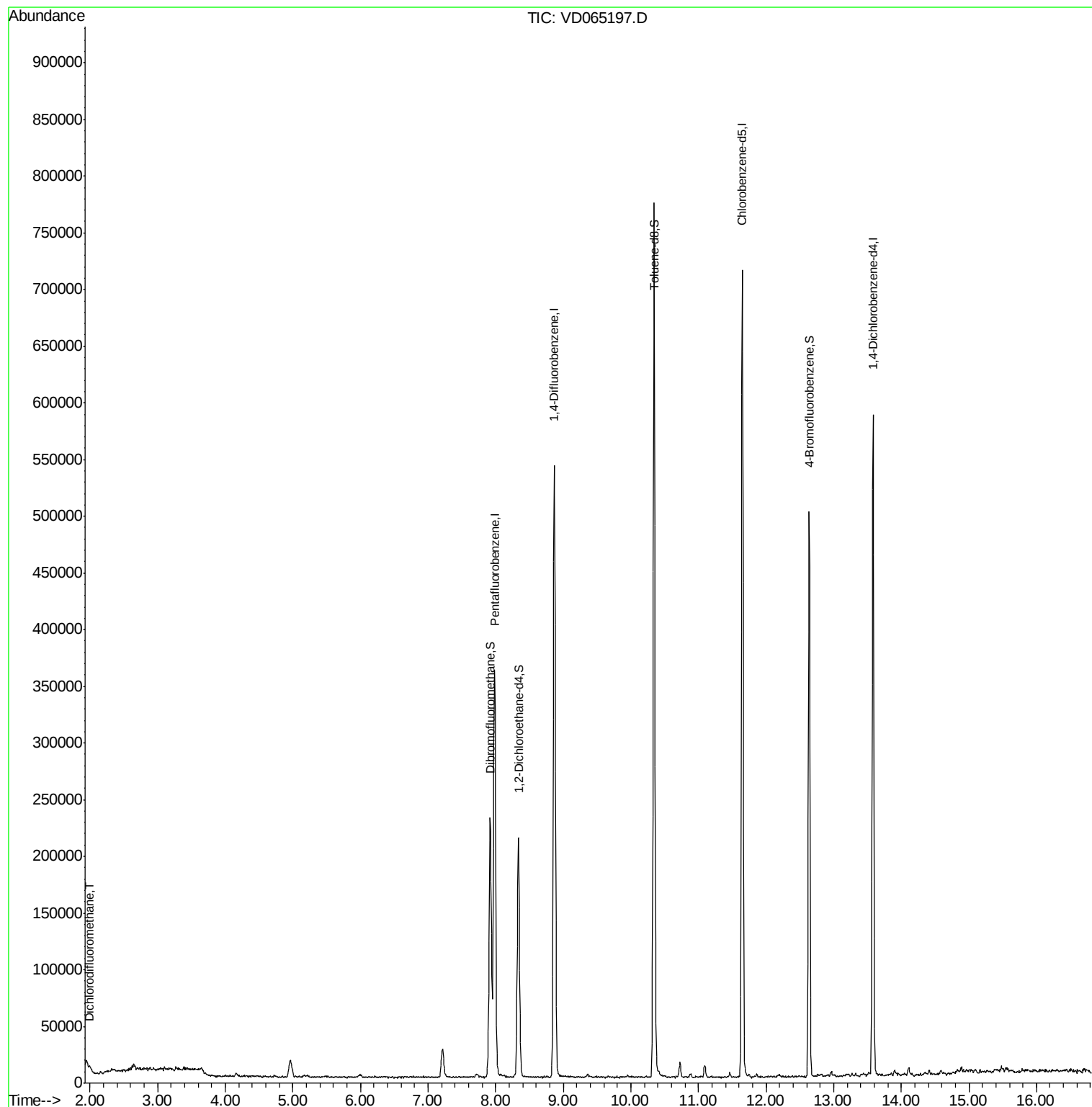
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	282136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	470860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	414689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	170470	71.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.18%	
35) Dibromofluoromethane	7.92	113	161891	61.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.24%	
50) Toluene-d8	10.34	98	525590	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.64	95	152349	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
2) Dichlorodifluoromethane	2.00	85	2799	1.192	ug/l	Qvalue 83

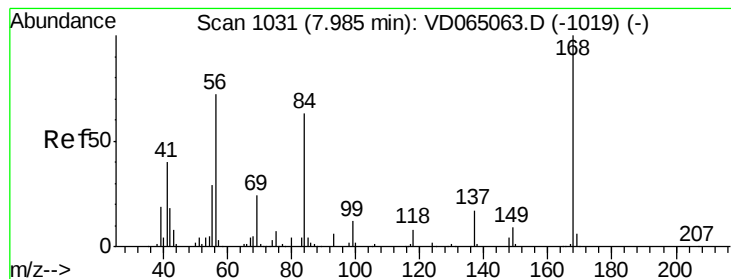
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021720\
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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065197.D

Acq: 17 Feb 2020 15:29

Instrument :

MSVOA_D

ClientSampleId :

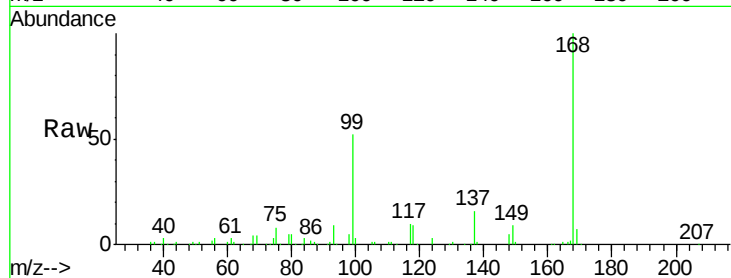
SP-2

Tot Ion:168 Resp: 282136

Ion Ratio Lower Upper

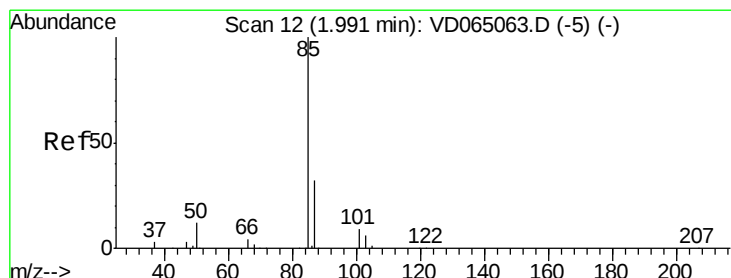
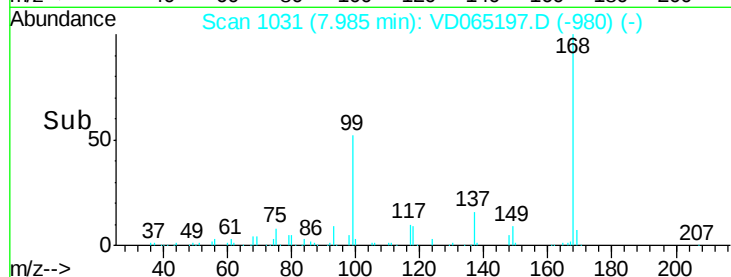
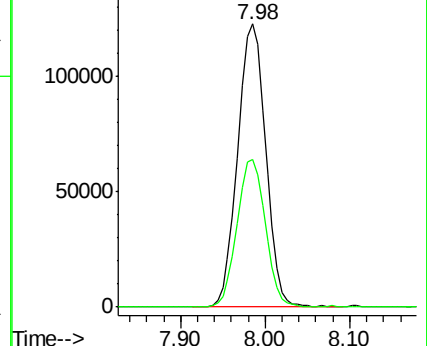
168 100

99 52.1 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 1.192 ug/l

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD065197.D

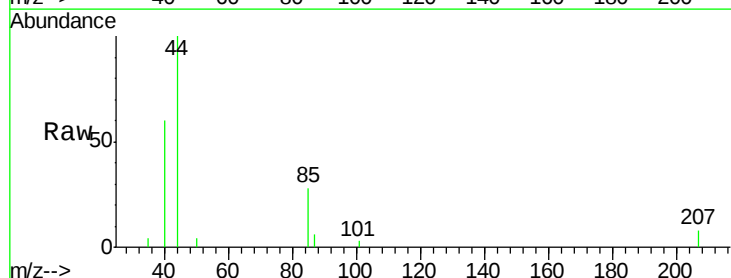
Acq: 17 Feb 2020 15:29

Tgt Ion: 85 Resp: 2799

Ion Ratio Lower Upper

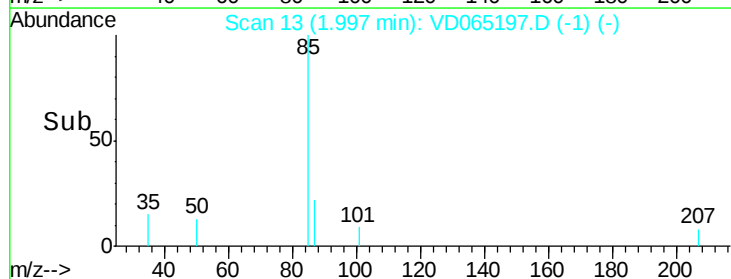
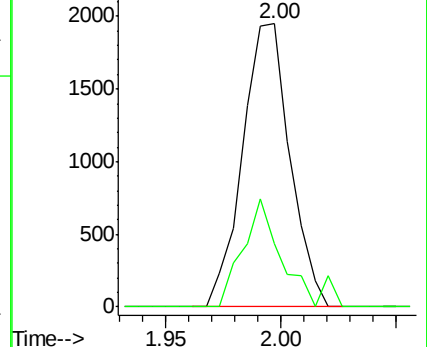
85 100

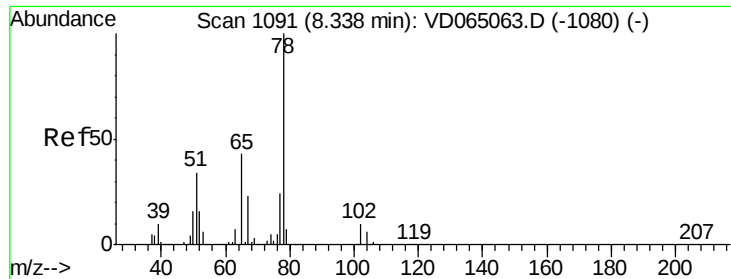
87 22.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

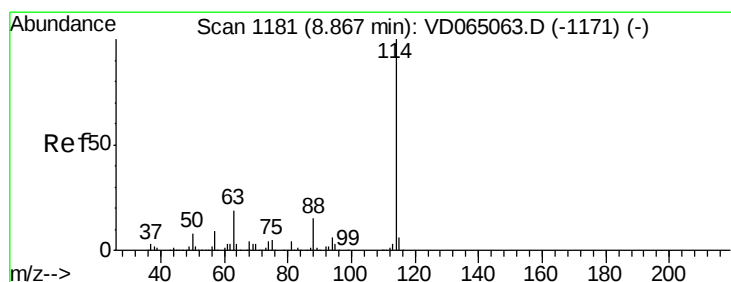
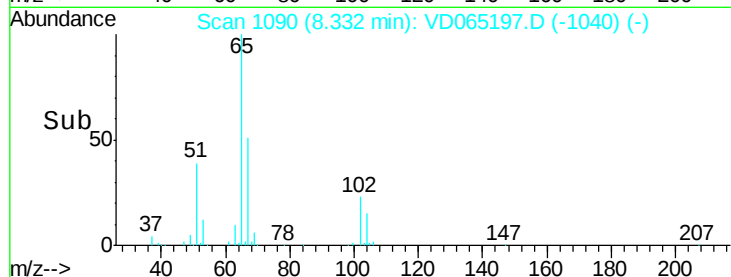
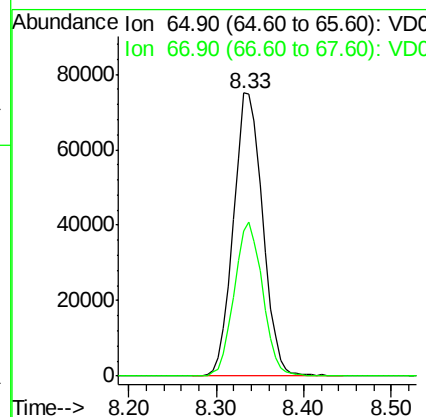
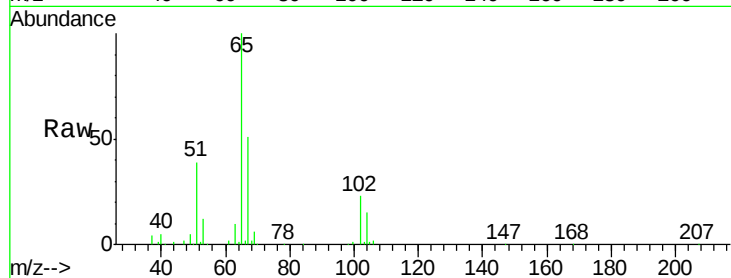




#33
 1,2-Dichloroethane-d4
 Concen: 71.091 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065197.D
 Acq: 17 Feb 2020 15:29

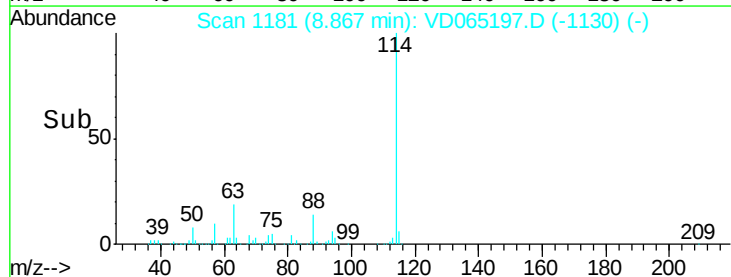
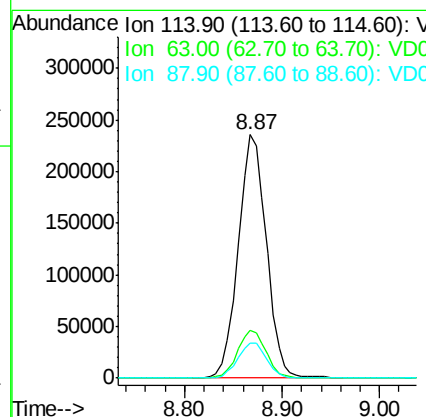
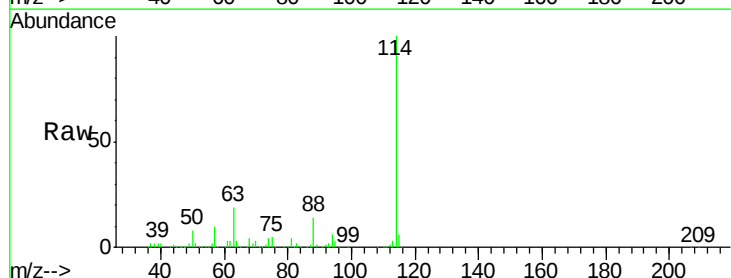
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

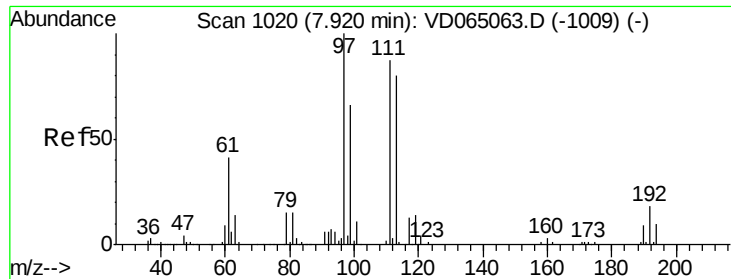
Tot Ion: 65 Resp: 170470
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065197.D
 Acq: 17 Feb 2020 15:29

Tgt Ion: 114 Resp: 470860
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.8
 88 14.2 0.0 29.6

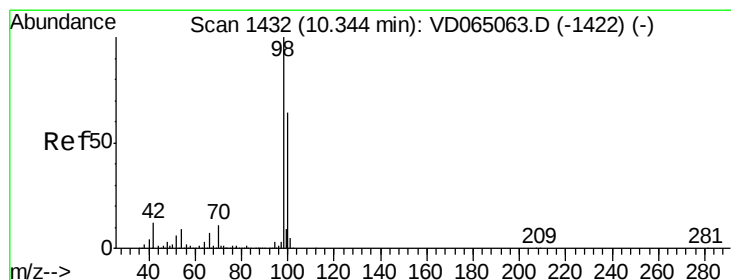
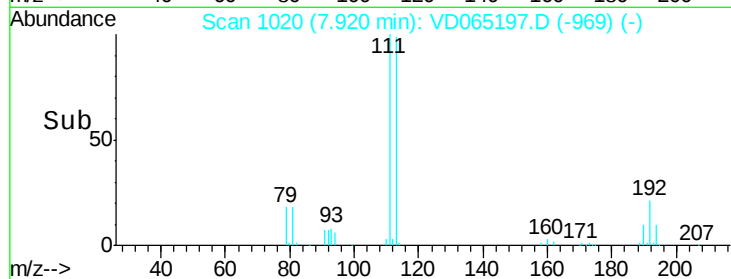
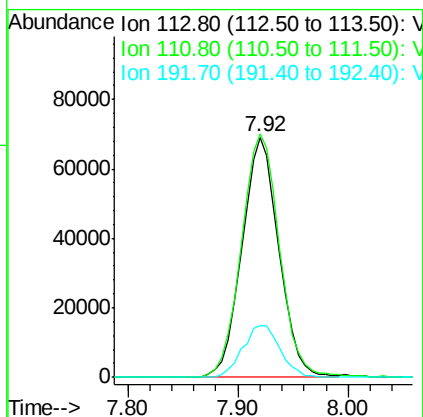
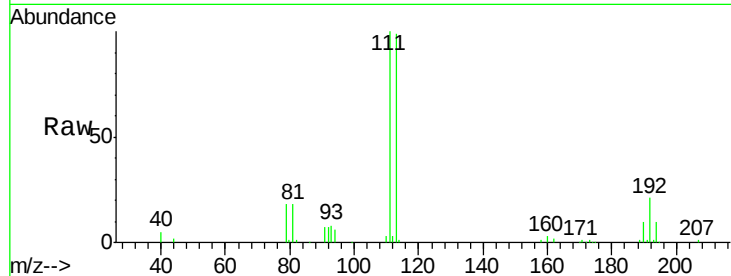




#35
Dibromofluoromethane
Concen: 61.623 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

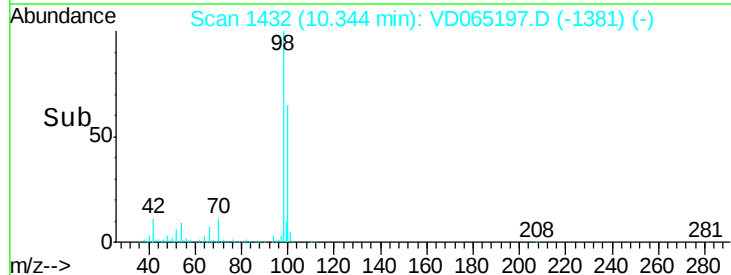
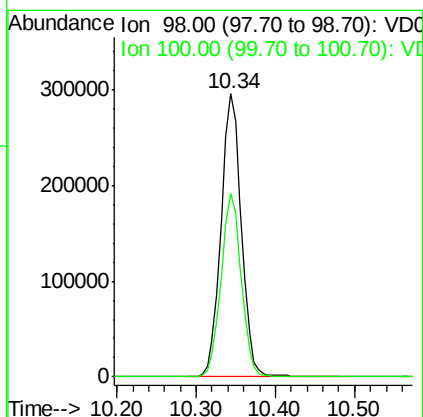
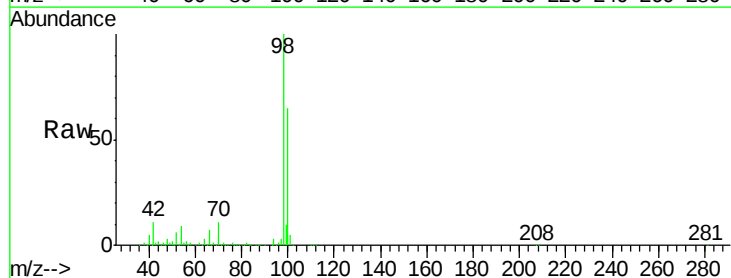
Instrument :
MSVOA_D
ClientSampleId :
SP-2

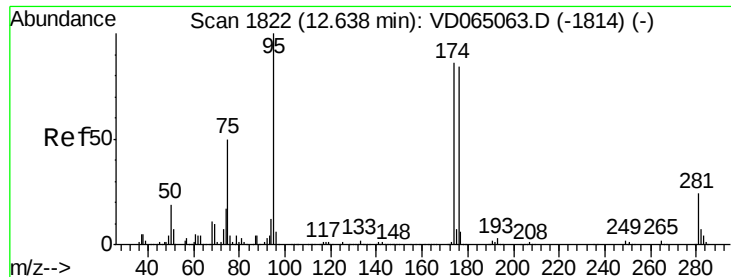
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	83.1	124.7
192	22.1	18.1	27.1



#50
Toluene-d8
Concen: 50.264 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 45.981 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065197.D

Acq: 17 Feb 2020 15:29

Instrument :

MSVOA_D

ClientSampleId :

SP-2

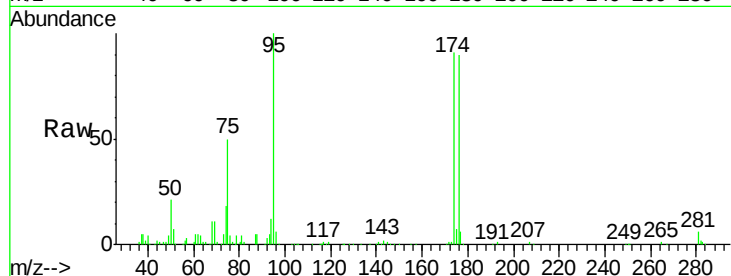
Tot Ion: 95 Resp: 152349

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

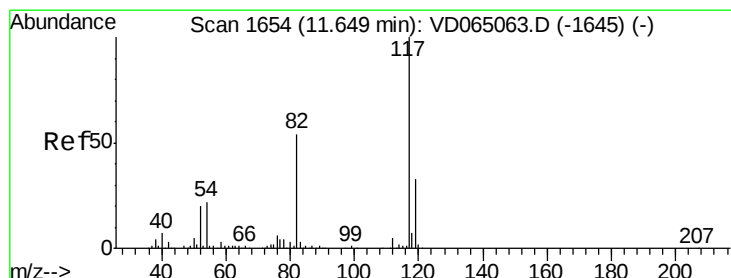
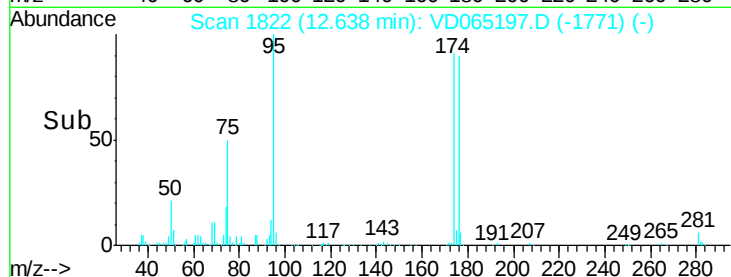
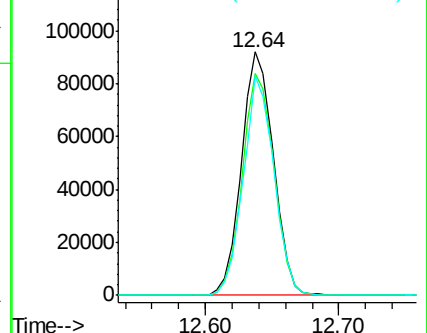
176 86.5 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065197.D

Acq: 17 Feb 2020 15:29

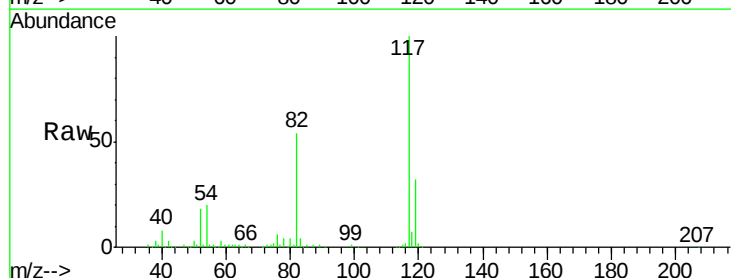
Tgt Ion: 117 Resp: 414689

Ion Ratio Lower Upper

117 100

82 54.3 43.1 64.7

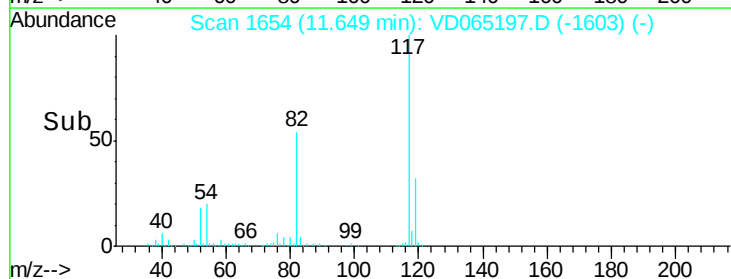
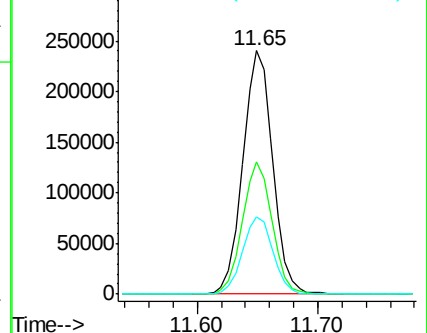
119 31.8 26.0 39.0

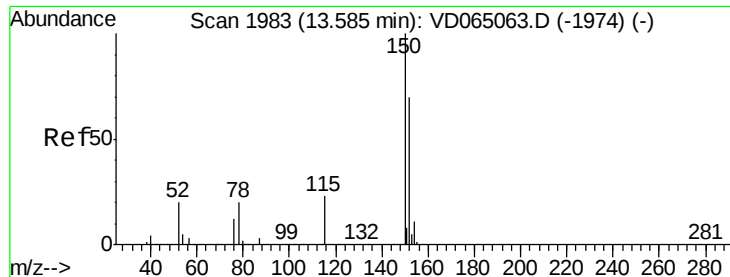


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065197.D

Acq: 17 Feb 2020 15:29

Instrument :

MSVOA_D

ClientSampleId :

SP-2

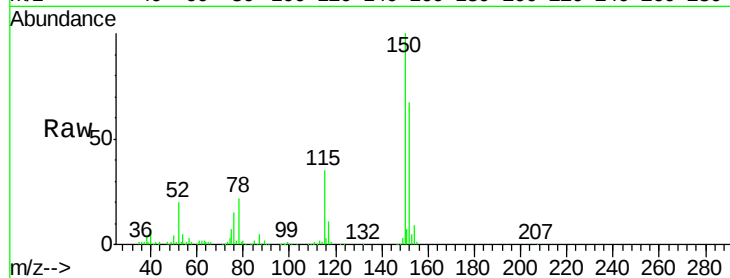
Tot Ion:152 Resp: 158929

Ion Ratio Lower Upper

152 100

115 54.5 27.5 82.4

150 153.1 0.0 343.2



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

