

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065335.D
 Acq On : 26 Feb 2020 18:39
 Operator : VA/SY
 Sample : L1700-04
 Misc : 5.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978

Quant Time: Feb 27 08:41:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	608022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1011678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	896373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	411609	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	302632	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
35) Dibromofluoromethane	7.92	113	320162	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.34	98	1213353	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.64	95	366359	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

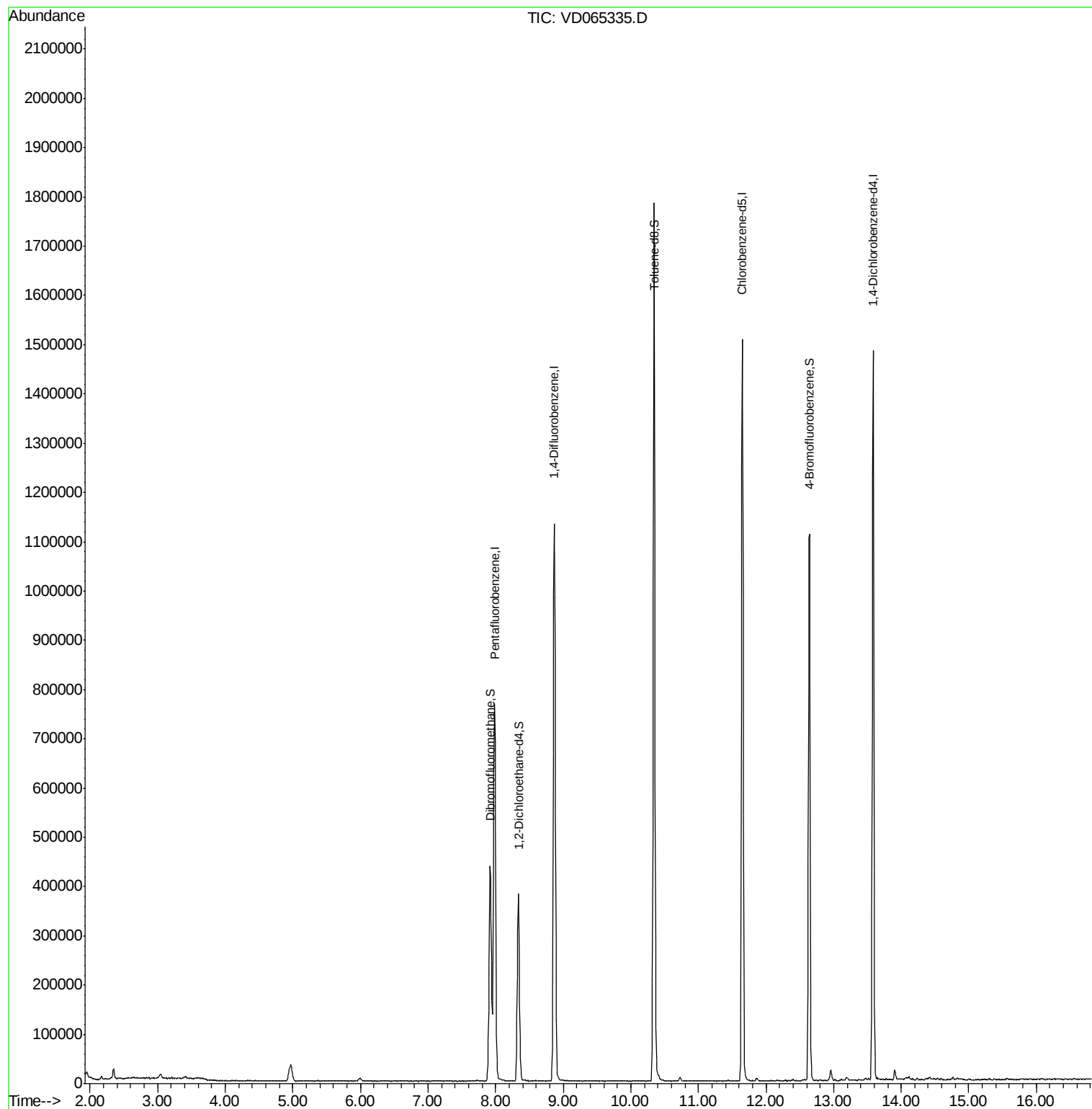
Target Compounds	Qvalue
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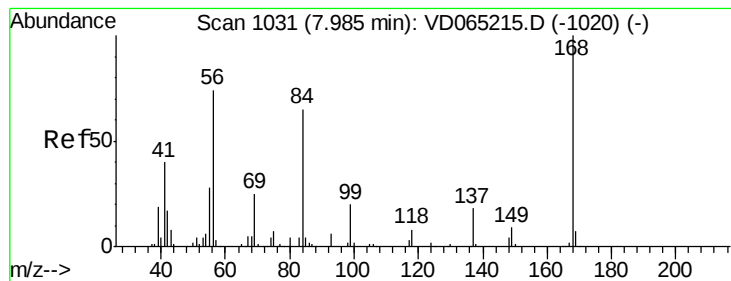
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065335.D

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Instrument :

MSVOA_D

ClientSampleId :

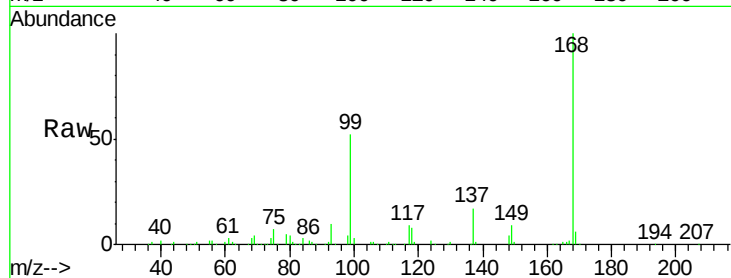
72-11978

Tot Ion:168 Resp: 608022

Ion Ratio Lower Upper

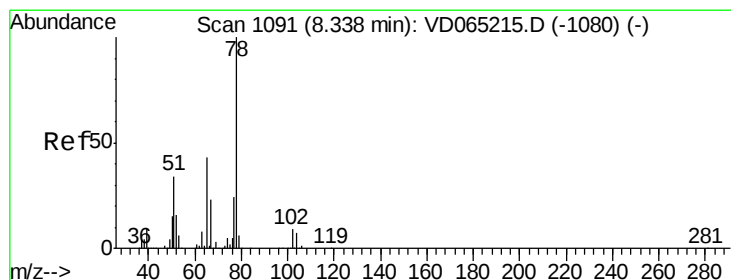
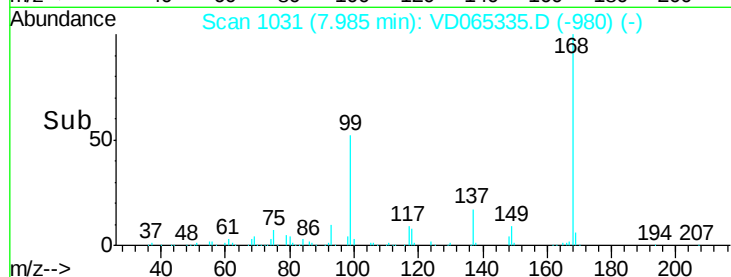
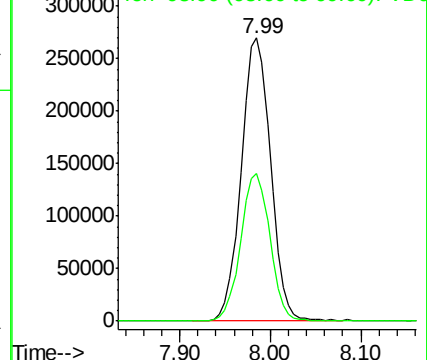
168 100

99 52.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 55.327 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065335.D

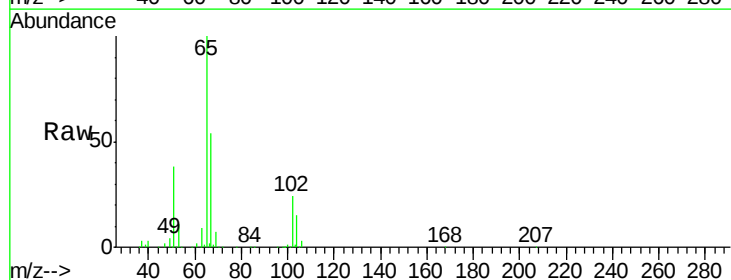
Acq: 26 Feb 2020 18:39

Tgt Ion: 65 Resp: 302632

Ion Ratio Lower Upper

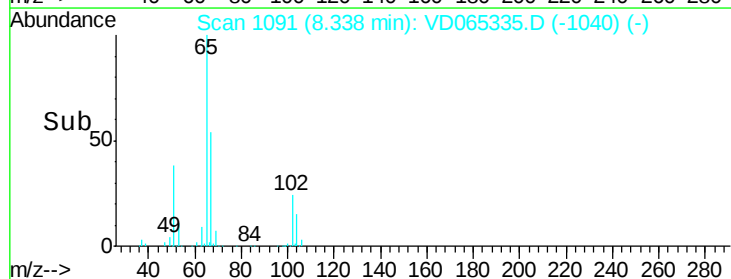
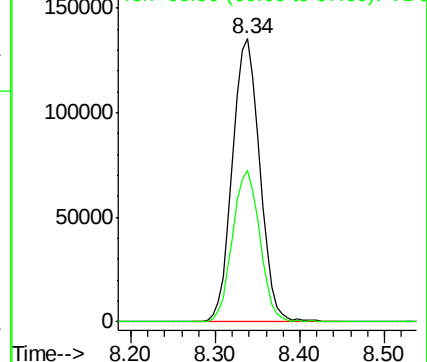
65 100

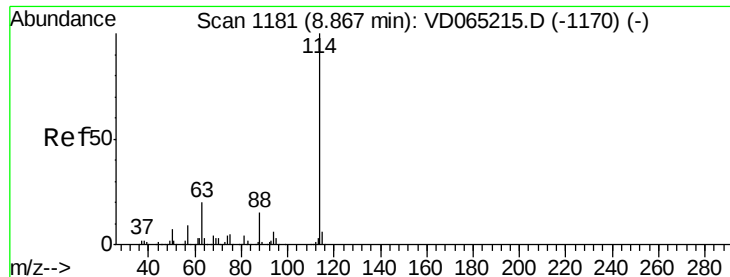
67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

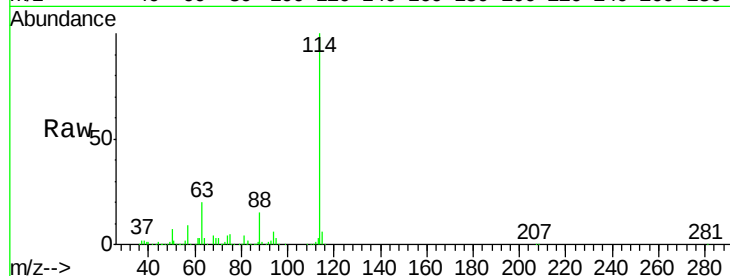




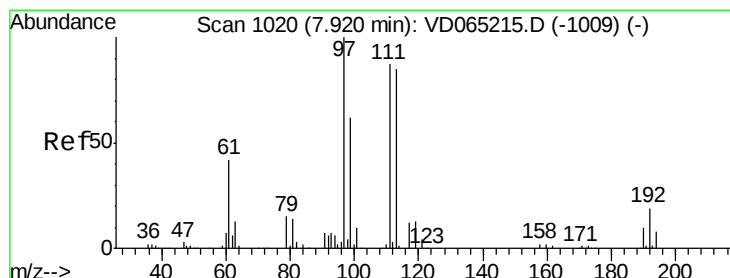
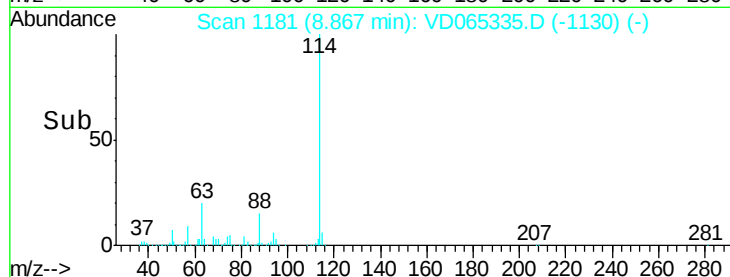
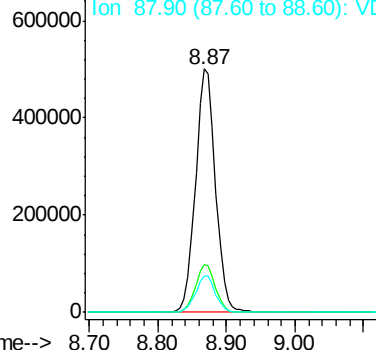
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065335.D
 Acq: 26 Feb 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978

Tot Ion:114 Resp: 1011678
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.4
 88 15.0 0.0 30.4

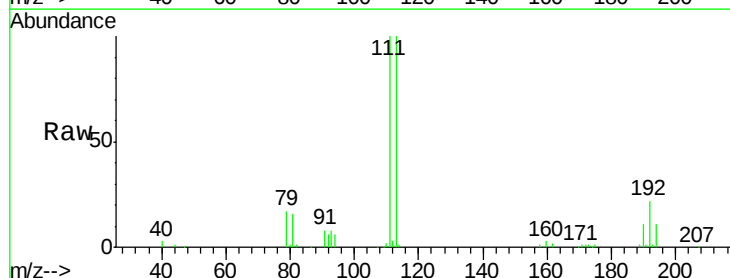


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

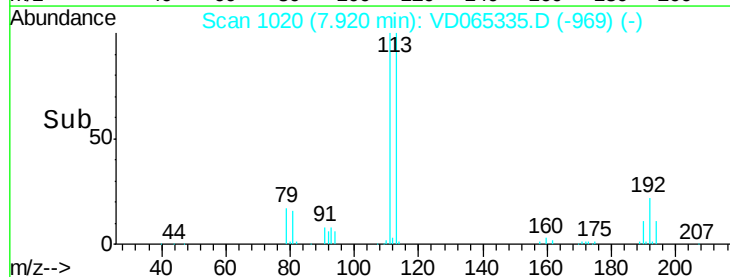
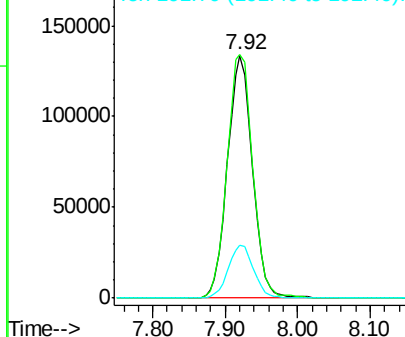


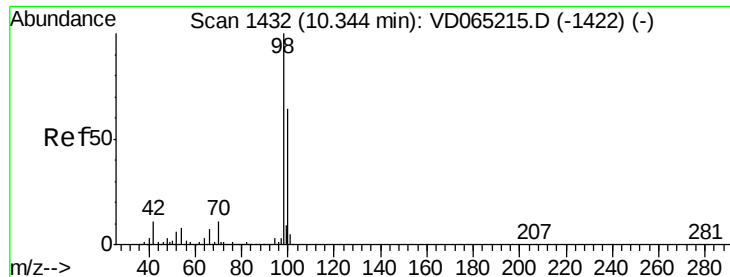
#35
 Dibromofluoromethane
 Concen: 51.902 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065335.D
 Acq: 26 Feb 2020 18:39

Tgt Ion:113 Resp: 320162
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 21.9 17.3 25.9



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

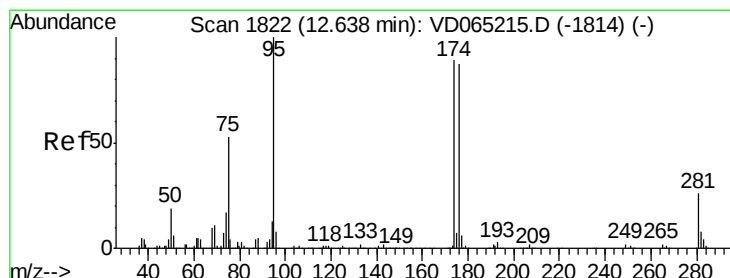
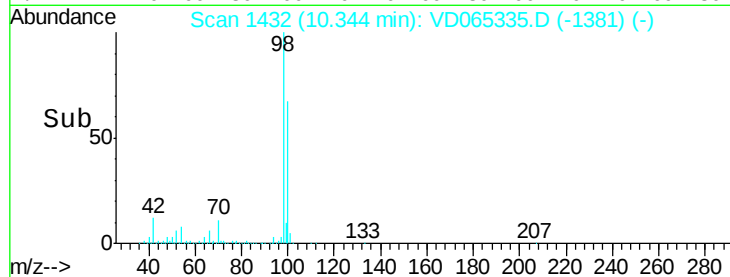
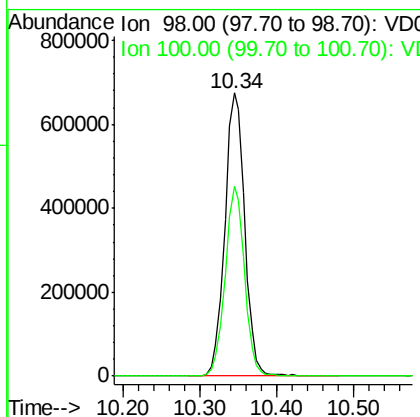
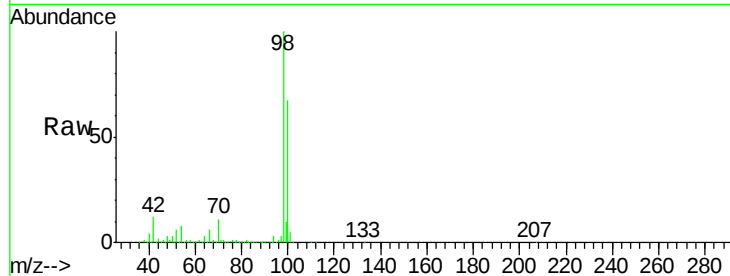




#50
Toluene-d8
Concen: 51.452 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065335.D
Acq: 26 Feb 2020 18:39

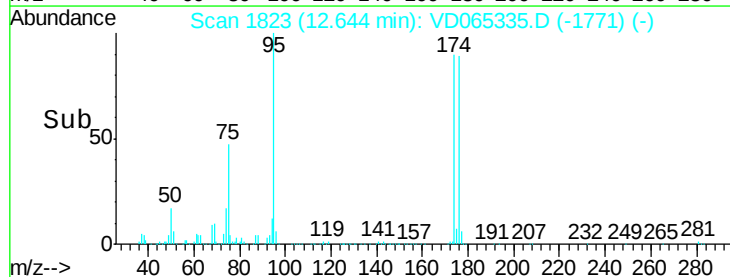
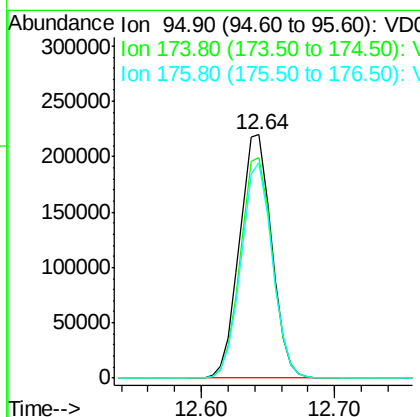
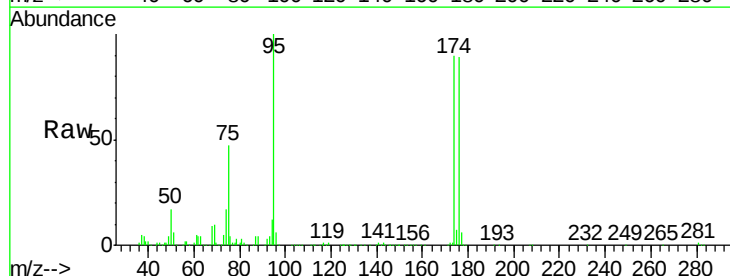
Instrument :
MSVOA_D
ClientSampleId :
72-11978

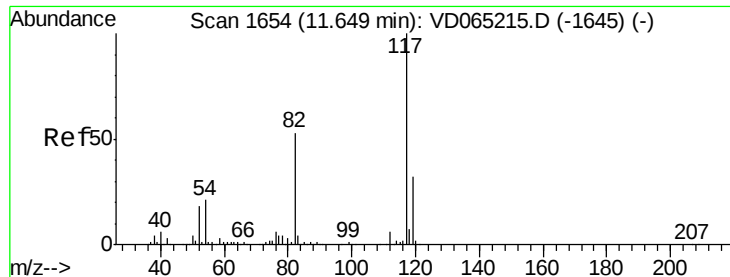
Tot Ion: 98 Resp: 1213353
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.040 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065335.D
Acq: 26 Feb 2020 18:39

Tgt Ion: 95 Resp: 366359
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.0
176 86.2 0.0 174.4

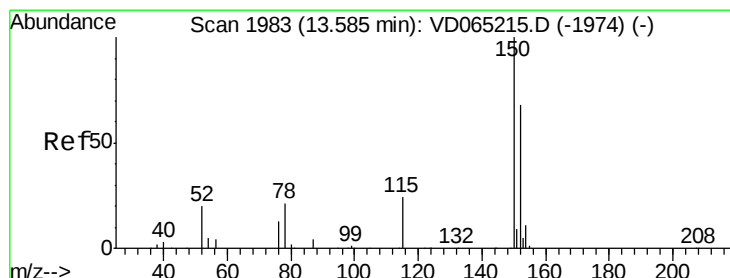
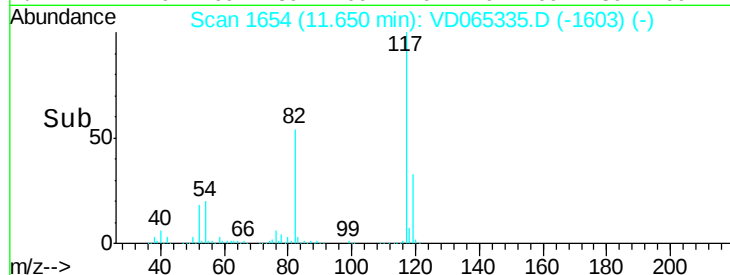
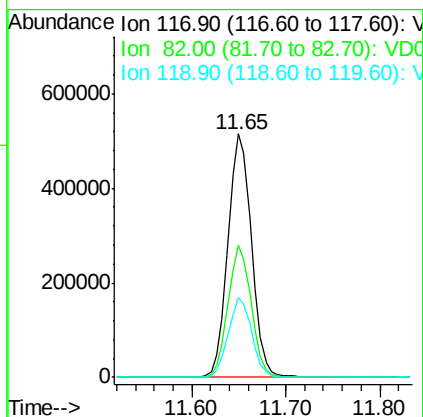
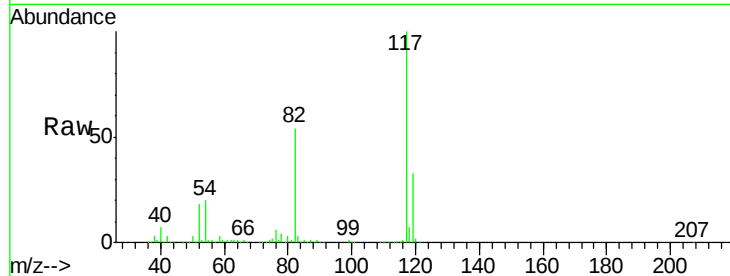




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065335.D
Acq: 26 Feb 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
72-11978

Tot Ion:117 Resp: 896373
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065335.D
Acq: 26 Feb 2020 18:39

Tgt Ion:152 Resp: 411609
Ion Ratio Lower Upper
152 100
115 54.9 27.6 82.8
150 157.3 0.0 347.4

