

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065239.D
 Acq On : 19 Feb 2020 15:24
 Operator : VA/SY
 Sample : L1526-04
 Misc : 8.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E156-B4-021820-GRAB-6-8

Quant Time: Feb 20 04:38:47 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	539744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	911738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	858078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	403054	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	280704	57.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.62%	
35) Dibromofluoromethane	7.92	113	293320	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.34	98	1104269	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.64	95	355738	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	

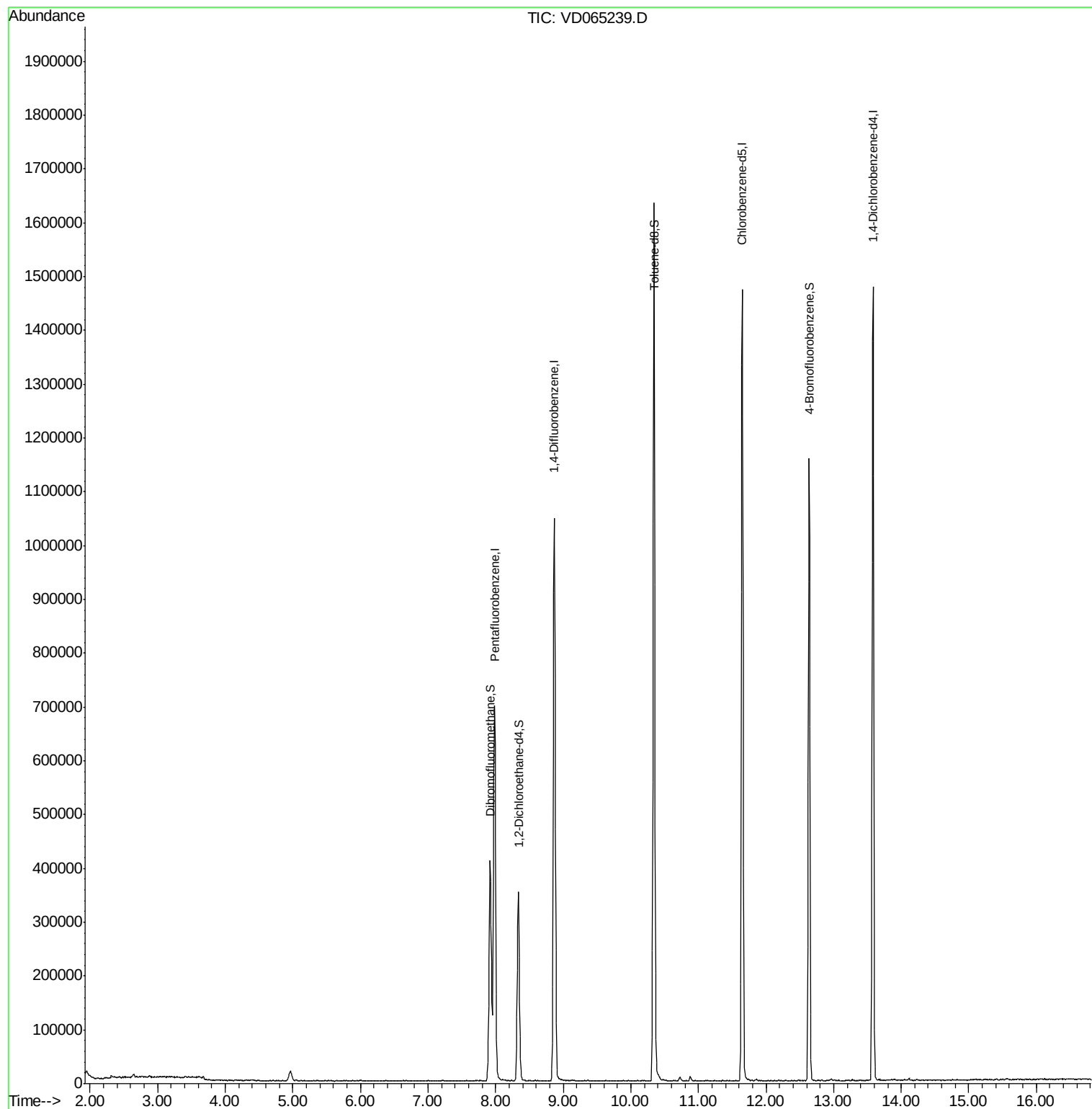
Target Compounds	Qvalue

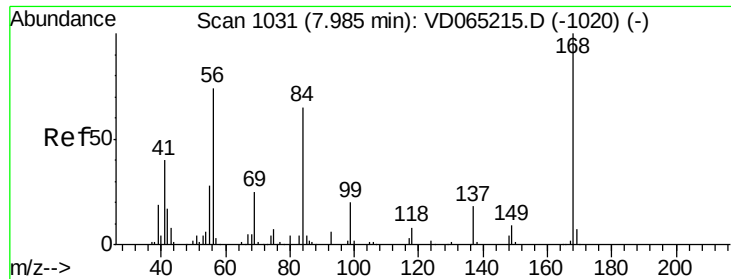
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065239.D

Acq: 19 Feb 2020 15:24

Instrument :

MSVOA_D

ClientSampleId :

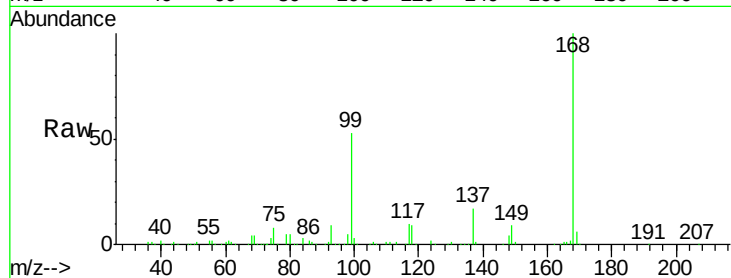
E156-B4-021820-GRAB-6-8

Tot Ion:168 Resp: 539744

Ion Ratio Lower Upper

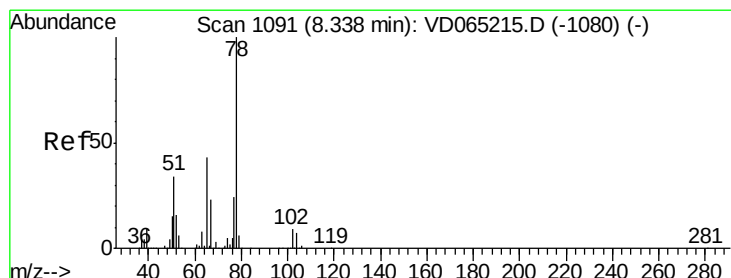
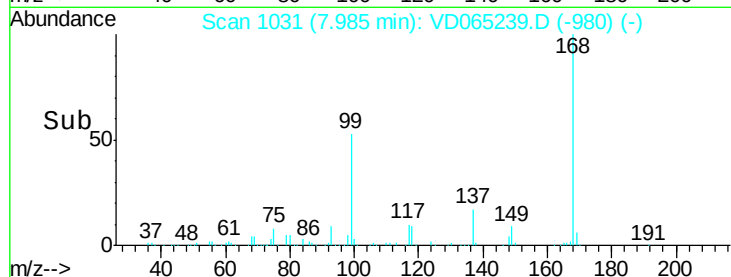
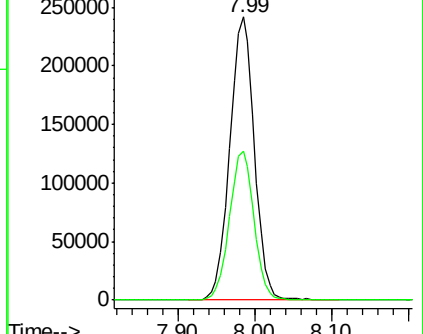
168 100

99 52.5 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: 57.810 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065239.D

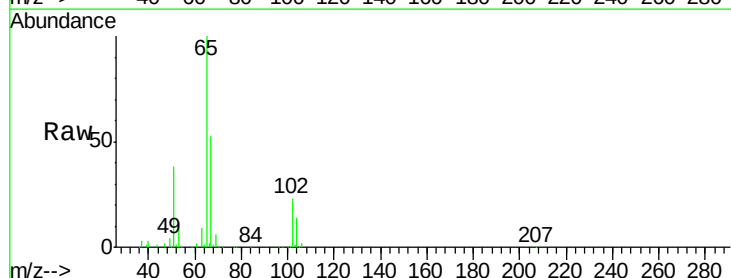
Acq: 19 Feb 2020 15:24

Tgt Ion: 65 Resp: 280704

Ion Ratio Lower Upper

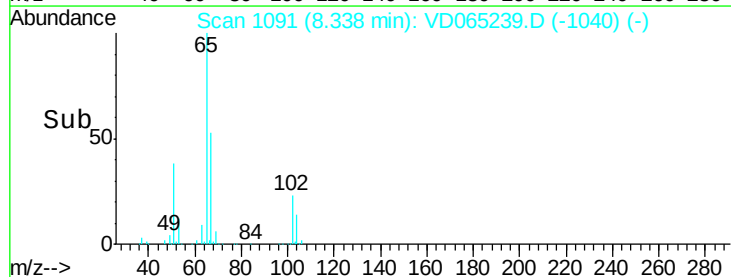
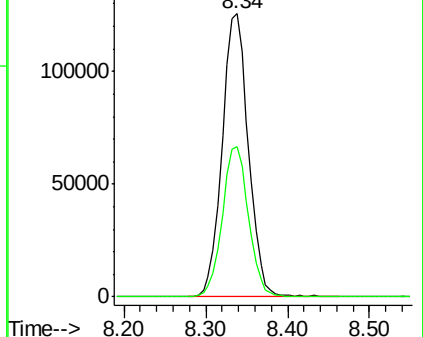
65 100

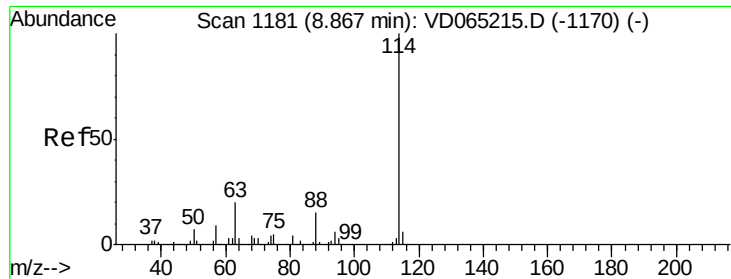
67 53.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

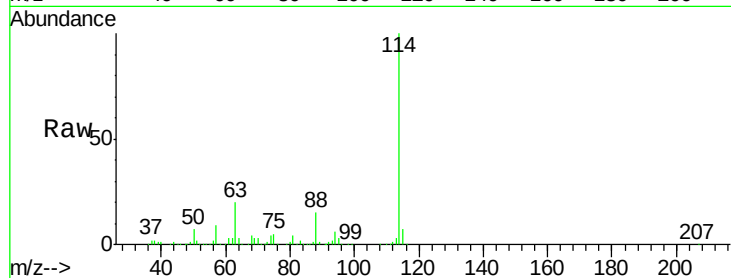




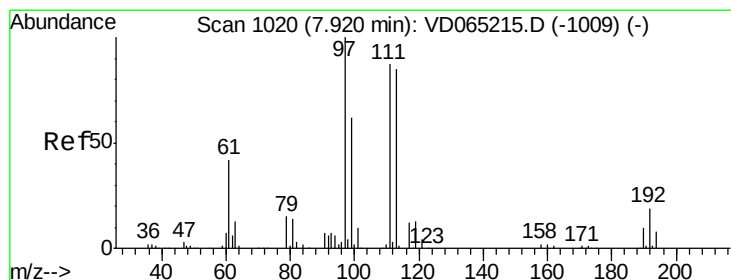
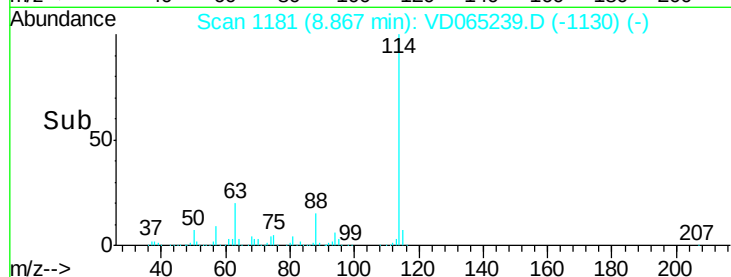
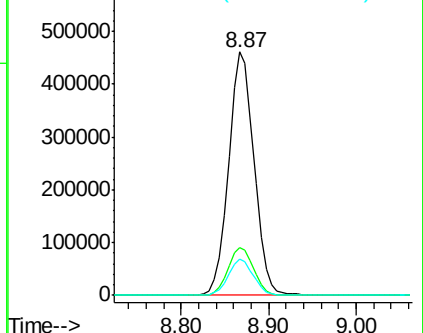
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065239.D
 Acq: 19 Feb 2020 15:24

Instrument :
 MSVOA_D
 ClientSampleId :
 E156-B4-021820-GRAB-6-8

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.4
88	15.1	0.0	30.4

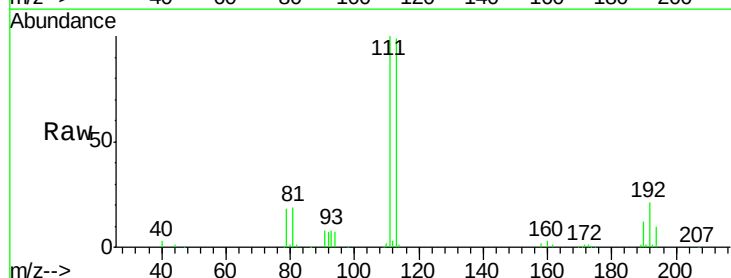


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

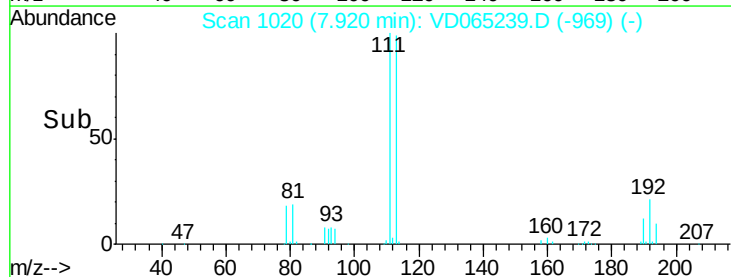
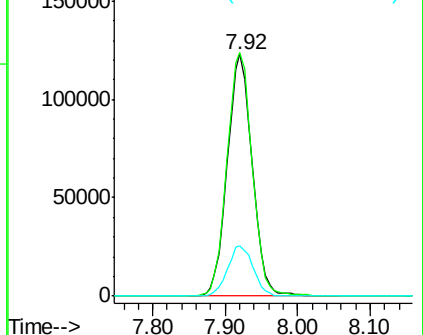


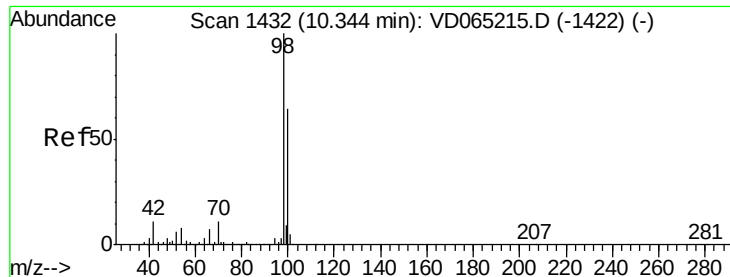
#35
 Dibromofluoromethane
 Concen: 52.763 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065239.D
 Acq: 19 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	21.2	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

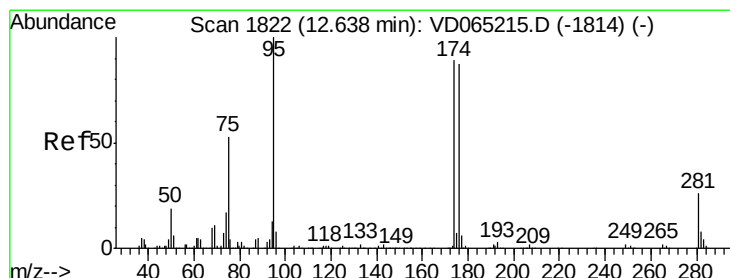
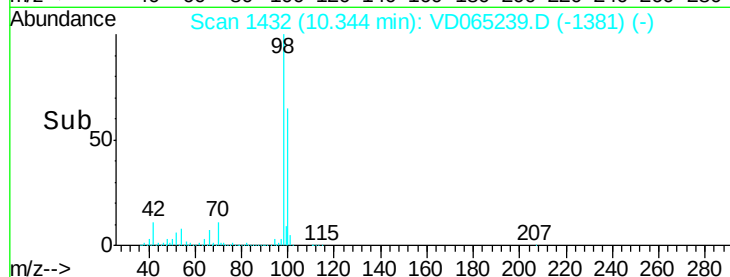
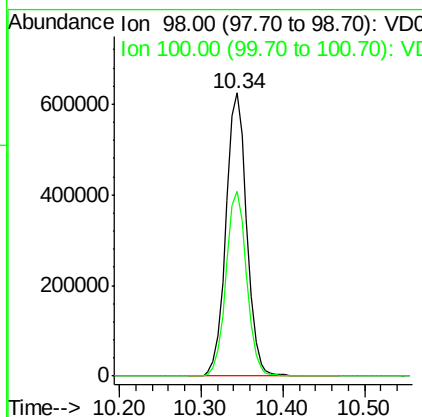
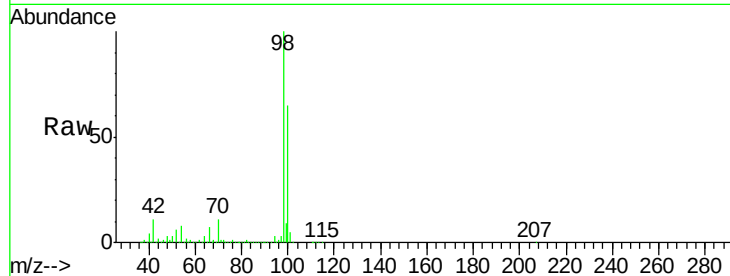




#50
Toluene-d8
Concen: 51.960 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065239.D
Acq: 19 Feb 2020 15:24

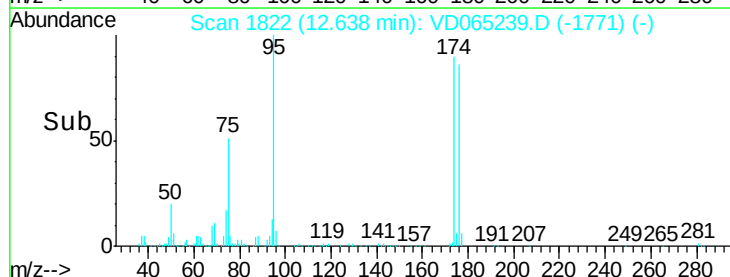
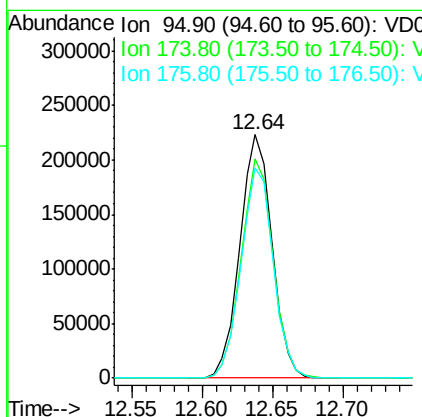
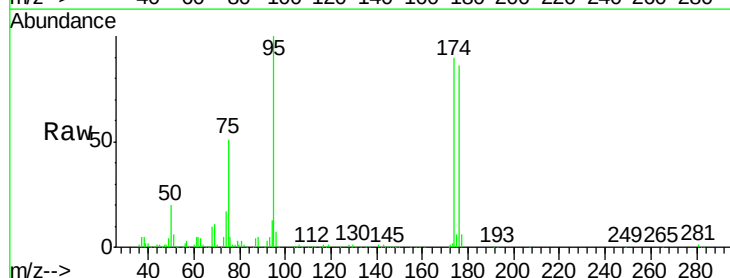
Instrument :
MSVOA_D
ClientSampleId :
E156-B4-021820-GRAB-6-8

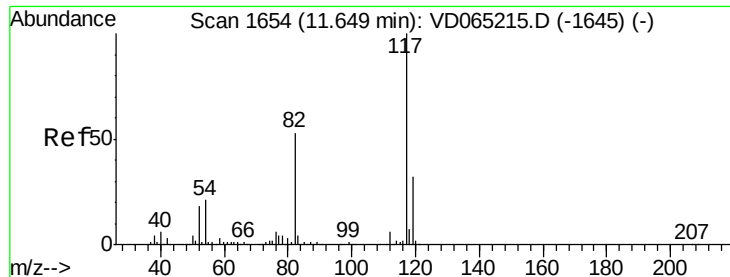
Tot Ion: 98 Resp: 1104269
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.838 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065239.D
Acq: 19 Feb 2020 15:24

Tgt Ion: 95 Resp: 355738
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.0
176 86.9 0.0 174.4

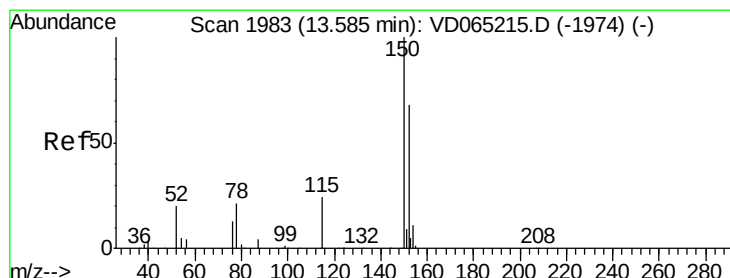
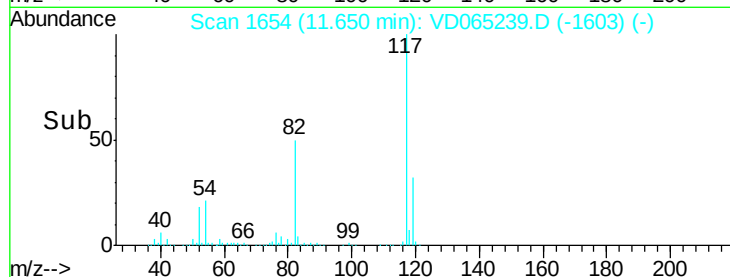
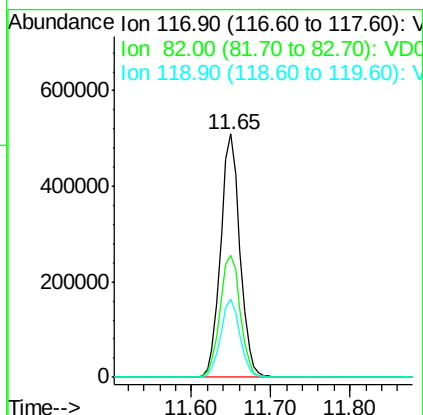
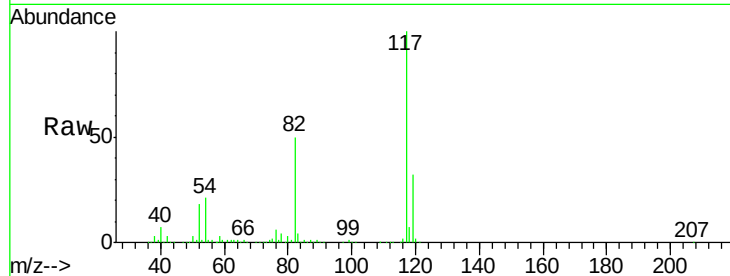




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065239.D
Acq: 19 Feb 2020 15:24

Instrument :
MSVOA_D
ClientSampleId :
E156-B4-021820-GRAB-6-8

Tot Ion:117 Resp: 858078
Ion Ratio Lower Upper
117 100
82 50.1 42.7 64.1
119 32.3 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: VD065239.D
Acq: 19 Feb 2020 15:24

Tgt Ion:152 Resp: 403054
Ion Ratio Lower Upper
152 100
115 55.5 27.6 82.8
150 155.6 0.0 347.4

