

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065251.D
 Acq On : 20 Feb 2020 12:38
 Operator : VA/SY
 Sample : L1592-02
 Misc : 6.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-005-ABCD

Quant Time: Feb 21 04:29:38 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	7.98	168	600786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1009608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	914103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	416565	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	315345	58.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.70%	
35) Dibromofluoromethane	7.92	113	323978	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.34	98	1210946	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.64	95	373558	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

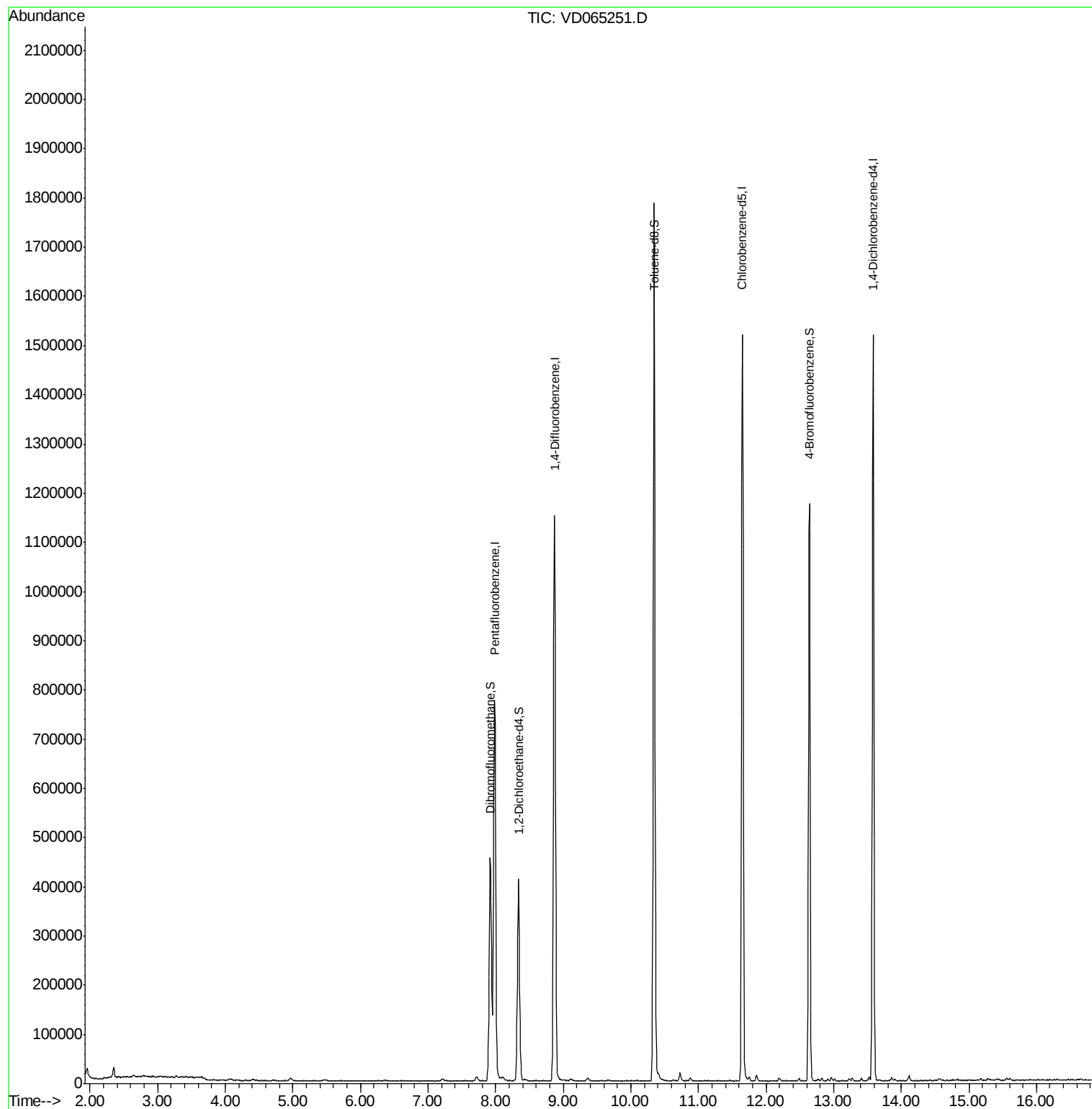
Target Compounds	Qvalue
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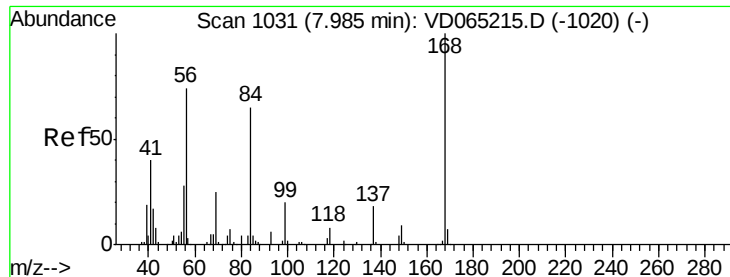
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

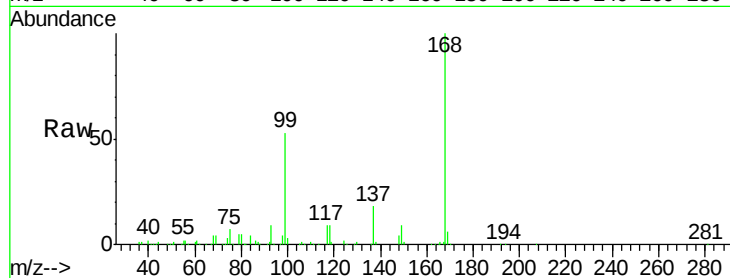
FK-BPM-04-005-ABCD

Tot Ion:168 Resp: 600786

Ion Ratio Lower Upper

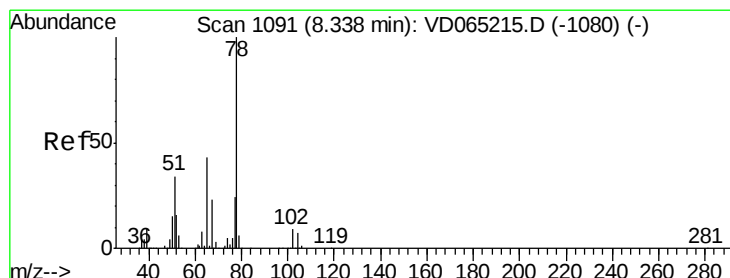
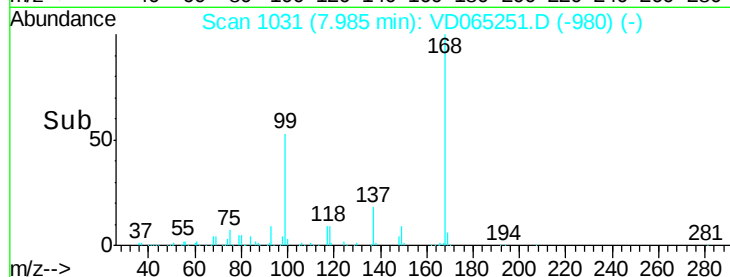
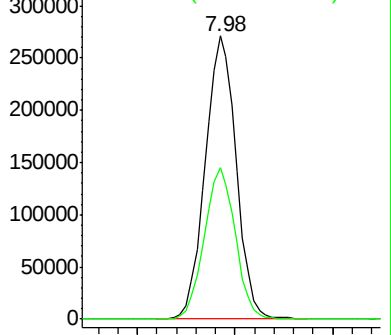
168 100

99 53.2 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: 58.346 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065251.D

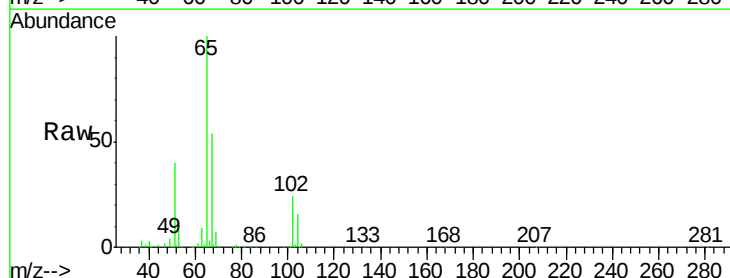
Acq: 20 Feb 2020 12:38

Tgt Ion: 65 Resp: 315345

Ion Ratio Lower Upper

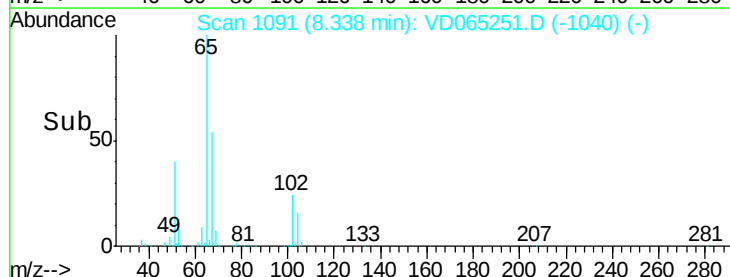
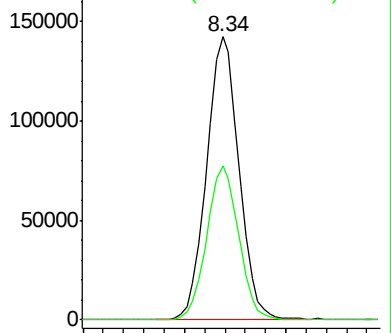
65 100

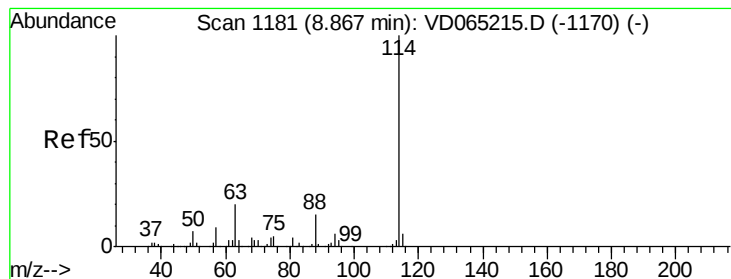
67 53.7 0.0 106.8



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# 1182

Delta R.T. 0.01 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-005-ABCD

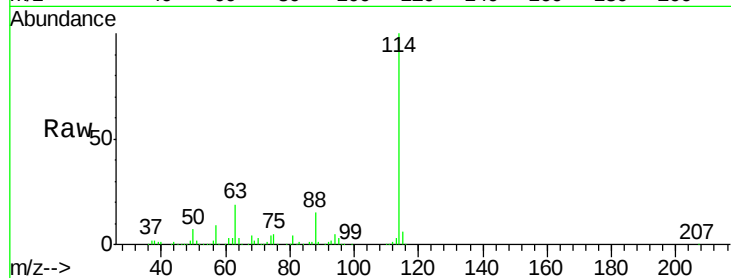
Tot Ion:114 Resp: 1009608

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.4

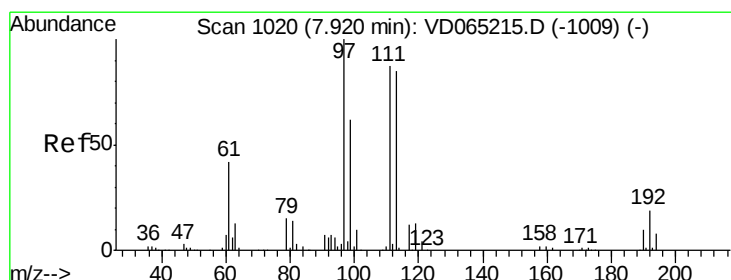
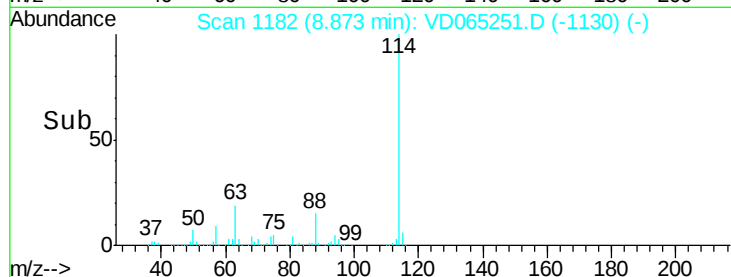
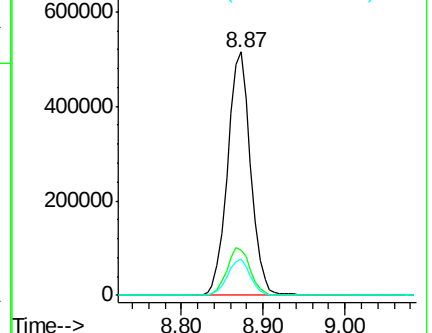
88 15.0 0.0 30.4



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: 52.628 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065251.D

Acq: 20 Feb 2020 12:38

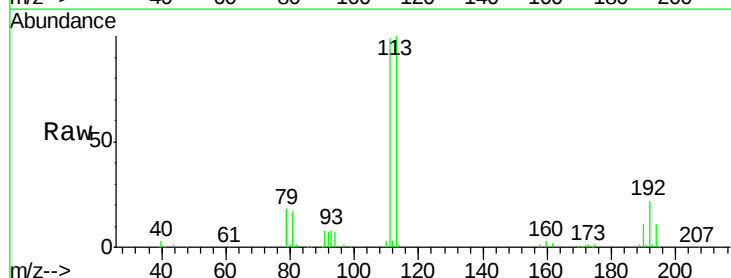
Tgt Ion:113 Resp: 323978

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

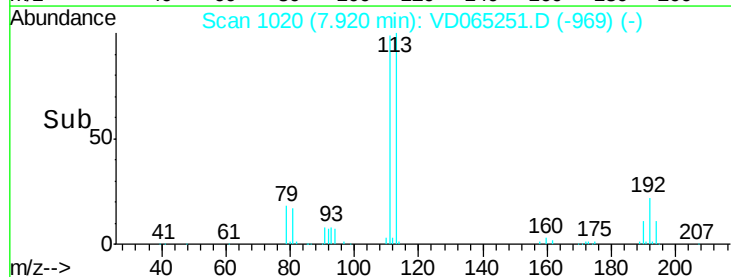
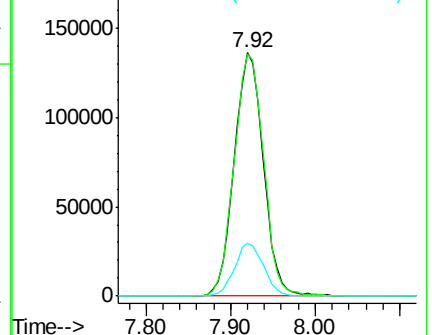
192 21.6 17.3 25.9

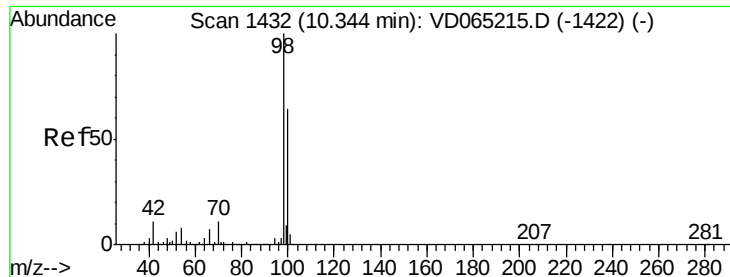


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

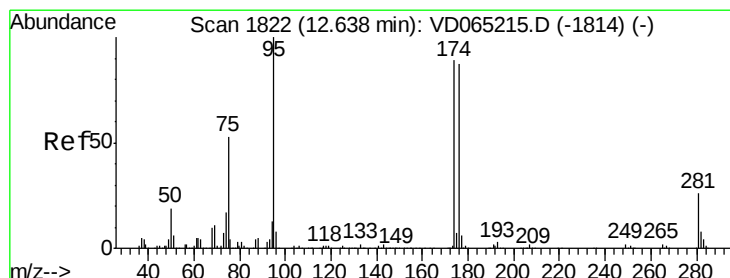
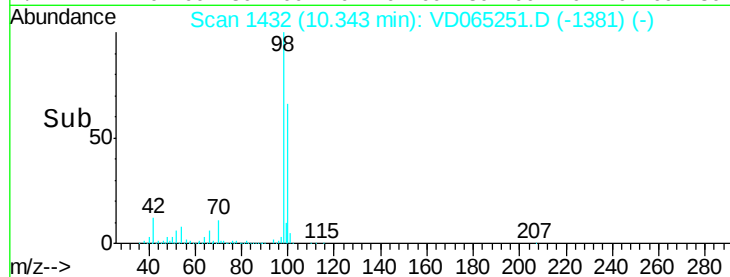
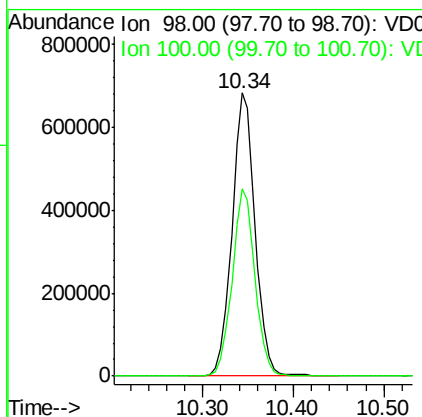
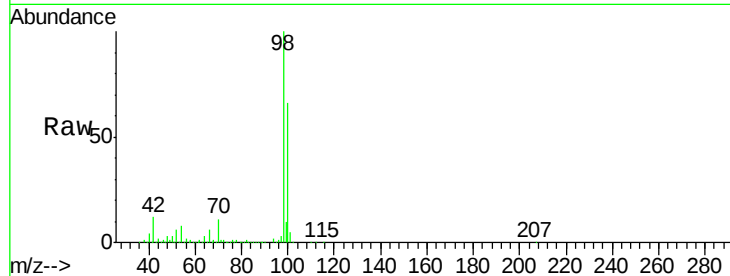




#50
Toluene-d8
Concen: 51.456 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065215.D
Acq: 20 Feb 2020 12:38

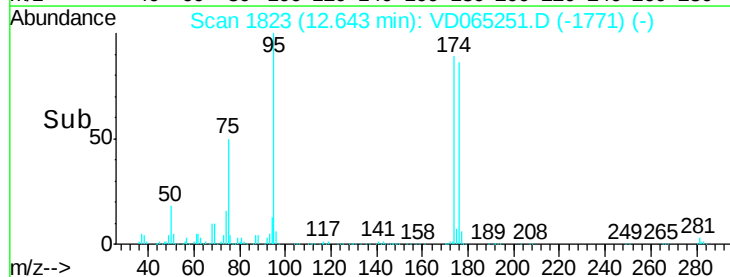
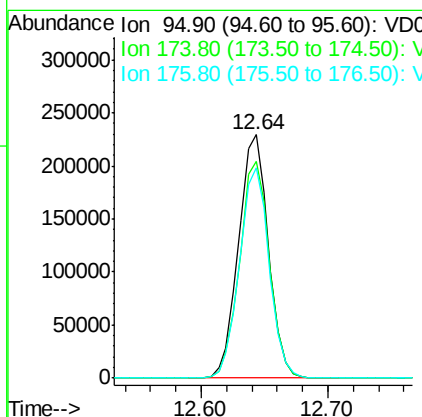
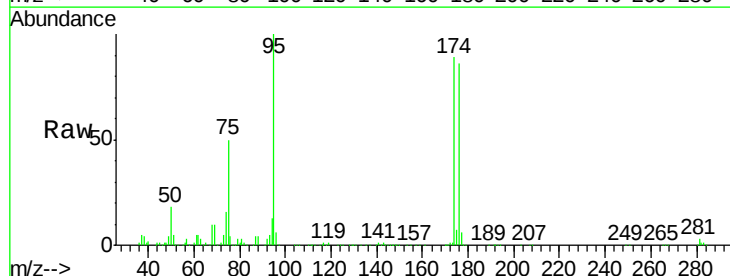
Instrument :
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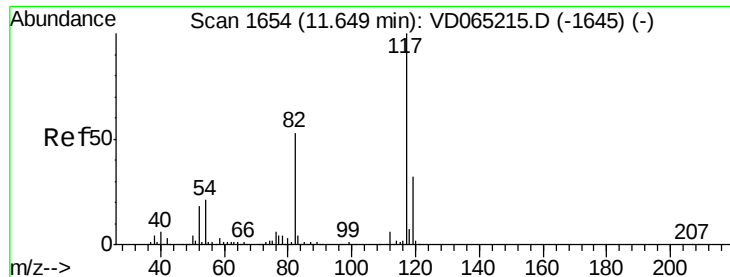
Tot Ion: 98 Resp: 1210946
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.106 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065215.D
Acq: 20 Feb 2020 12:38

Tgt Ion: 95 Resp: 373558
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 86.1 0.0 174.4

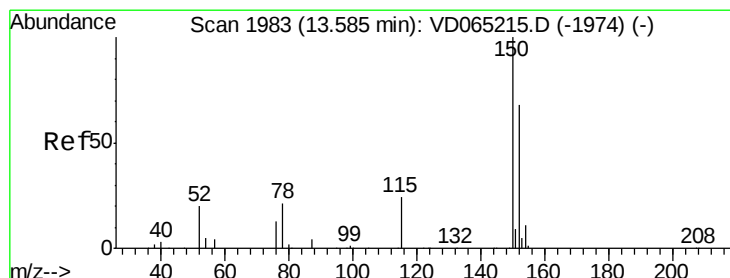
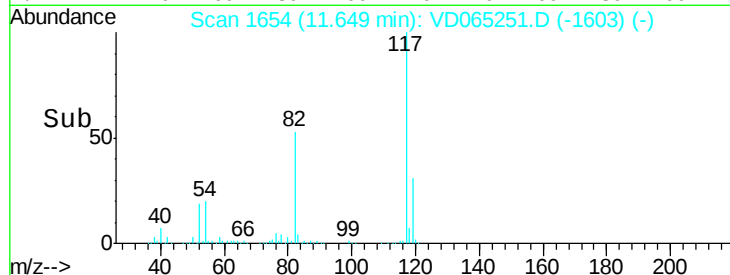
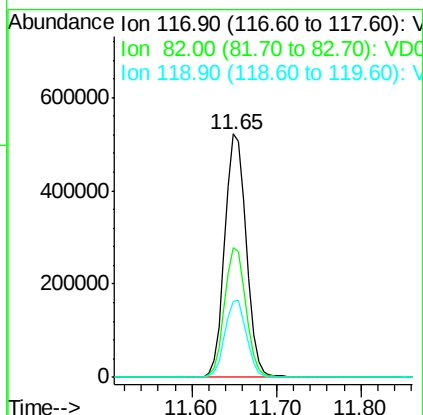
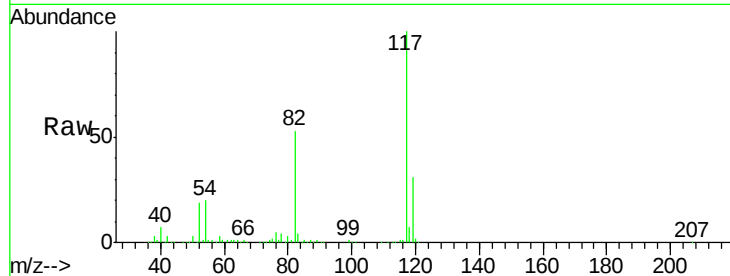




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065251.D
Acq: 20 Feb 2020 12:38

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-005-ABCD

Tot Ion:117 Resp: 914103
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 30.9 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: VD065251.D
Acq: 20 Feb 2020 12:38

Tgt Ion:152 Resp: 416565
Ion Ratio Lower Upper
152 100
115 55.0 27.6 82.8
150 158.1 0.0 347.4

