

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065223.D
 Acq On : 18 Feb 2020 17:16
 Operator : VA/SY
 Sample : L1484-02
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Feb 19 04:07:46 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	388159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	611756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	690299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	362783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	176568	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	7.92	113	192705	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.34	98	760770	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.64	95	316484	70.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.12%	

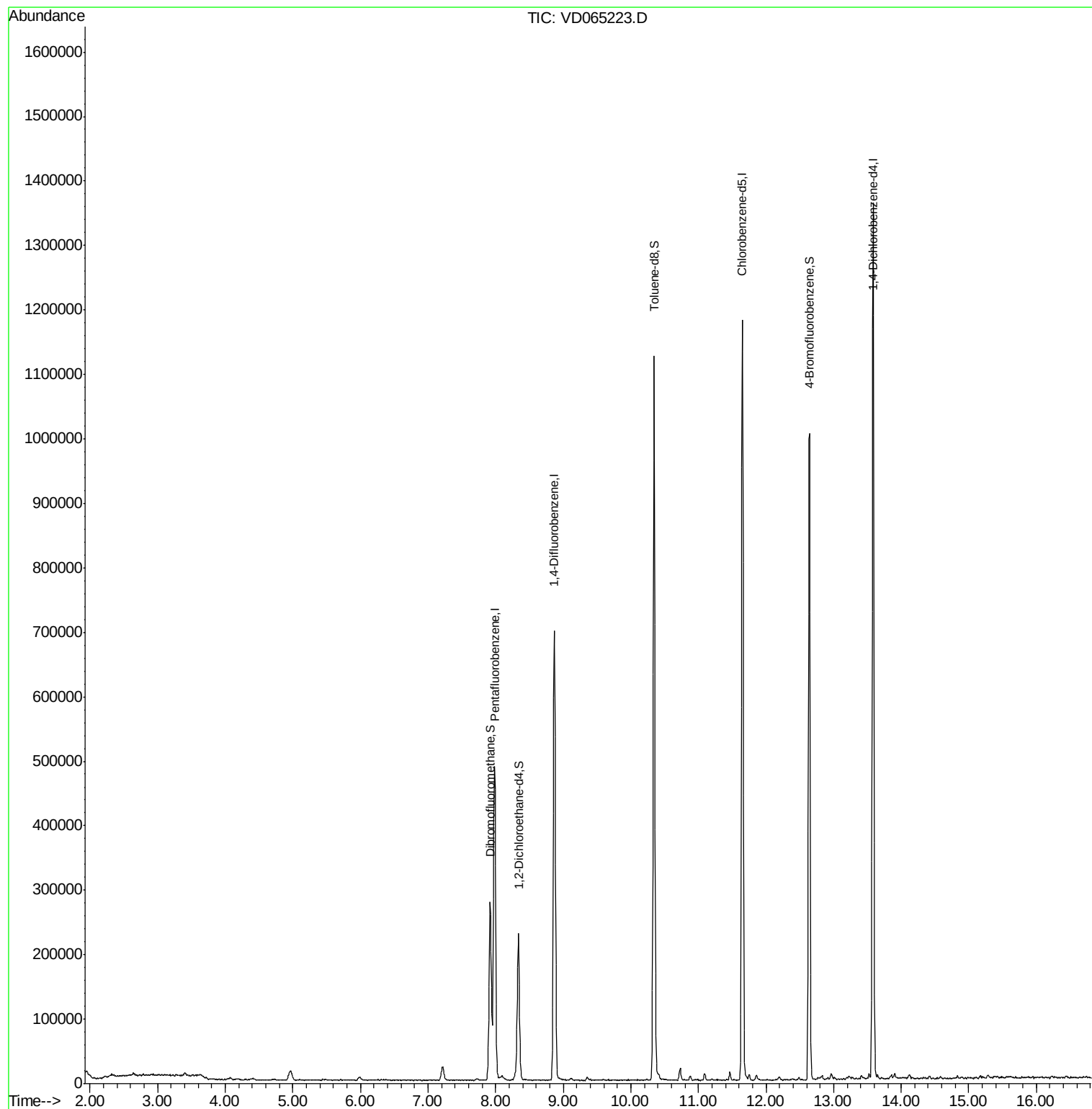
Target Compounds Qvalue

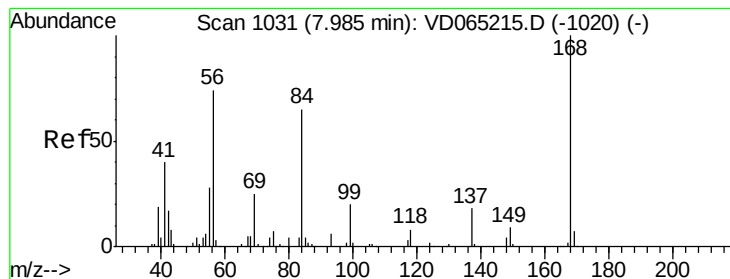
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065223.D

Acq: 18 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

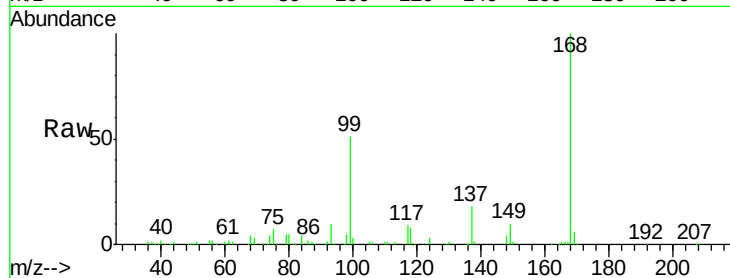
SP-2

Tot Ion:168 Resp: 388159

Ion Ratio Lower Upper

168 100

99 50.7 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

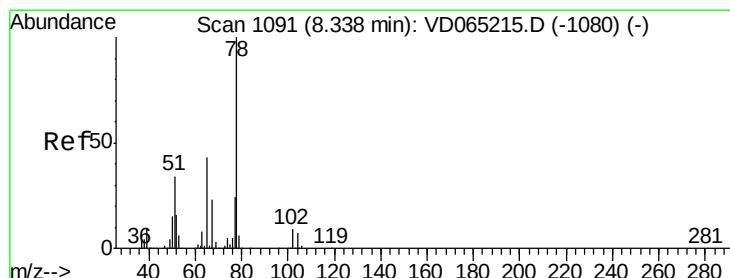
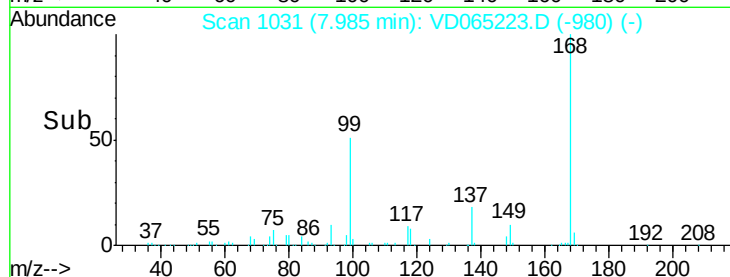
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.565 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065223.D

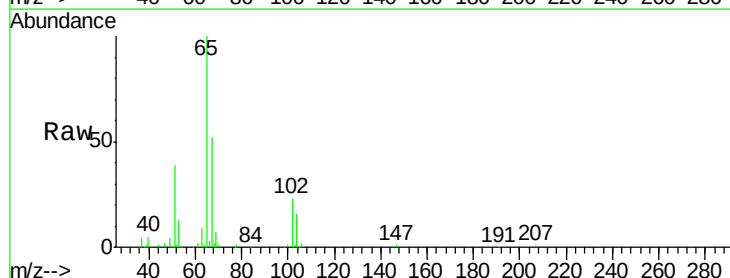
Acq: 18 Feb 2020 17:16

Tgt Ion: 65 Resp: 176568

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

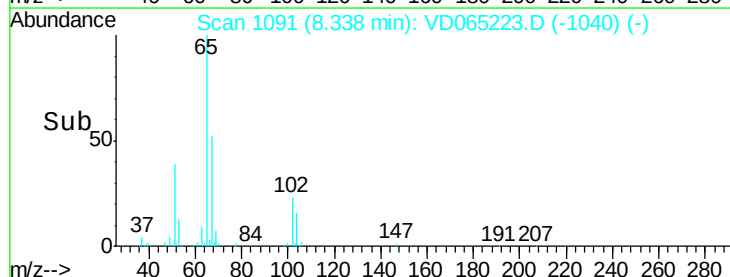
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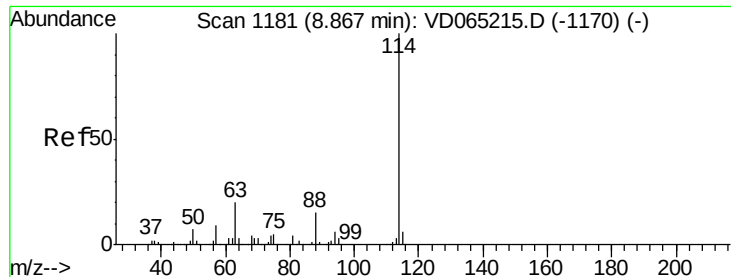
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20000

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Time-->

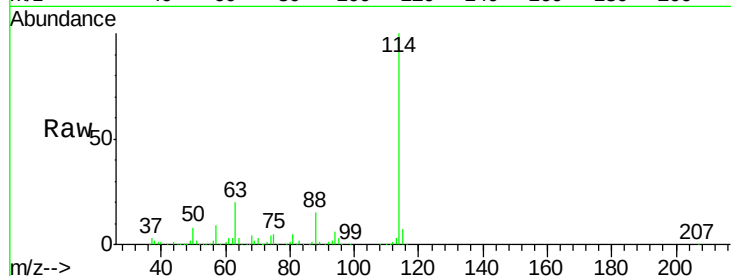




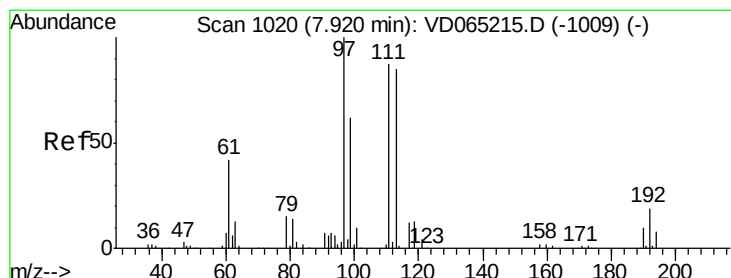
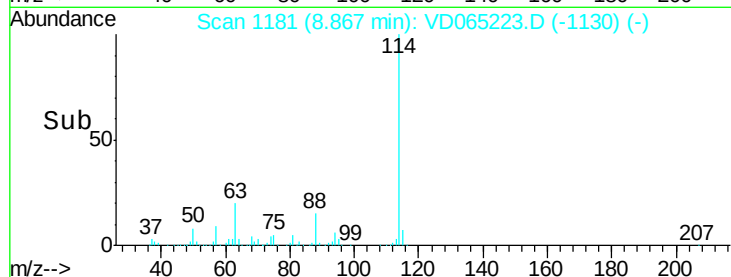
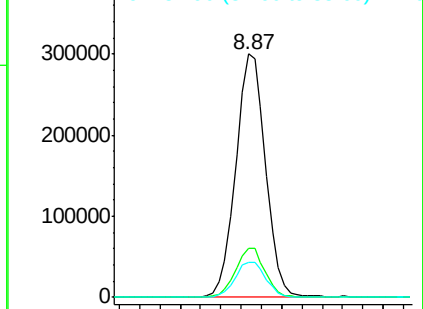
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065223.D
 Acq: 18 Feb 2020 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.4
88	14.6	0.0	30.4

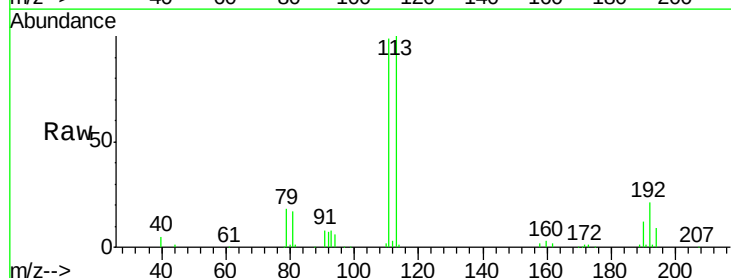


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

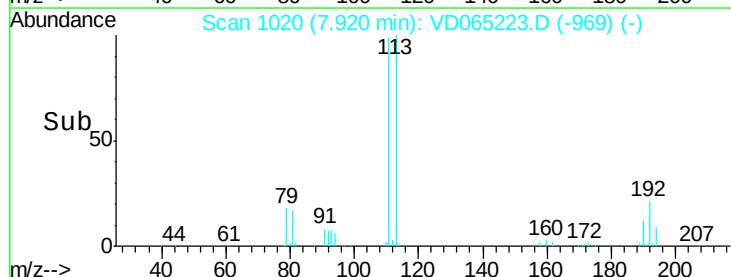
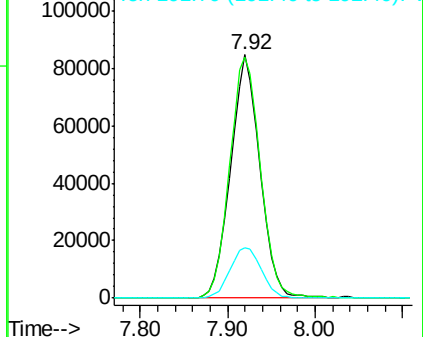


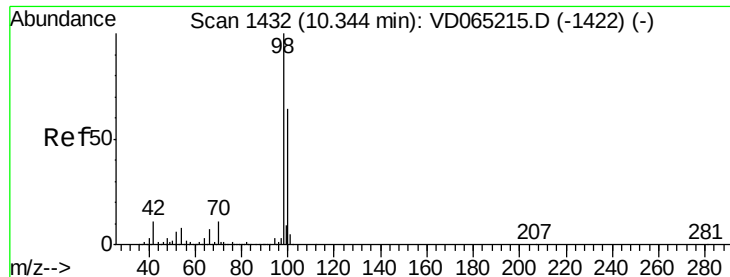
#35
 Dibromofluoromethane
 Concen: 51.662 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065223.D
 Acq: 18 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	22.1	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

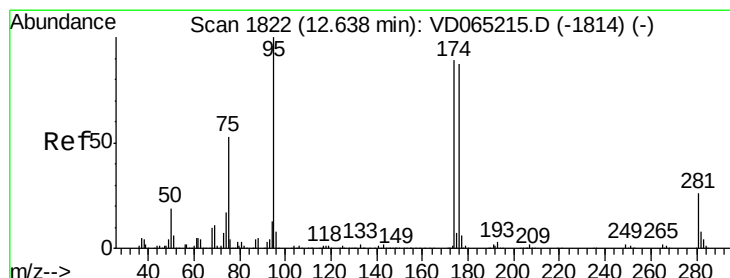
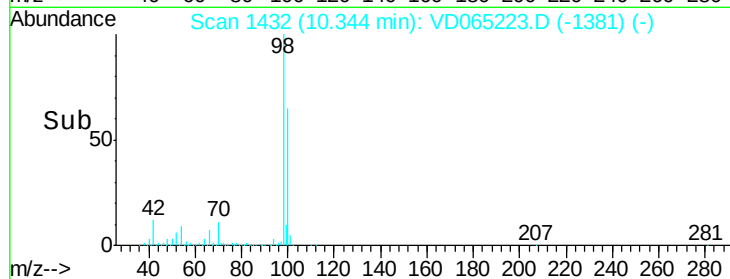
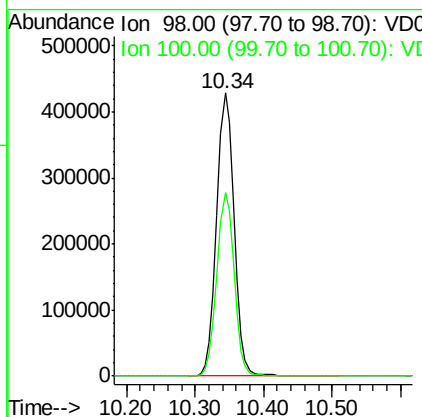
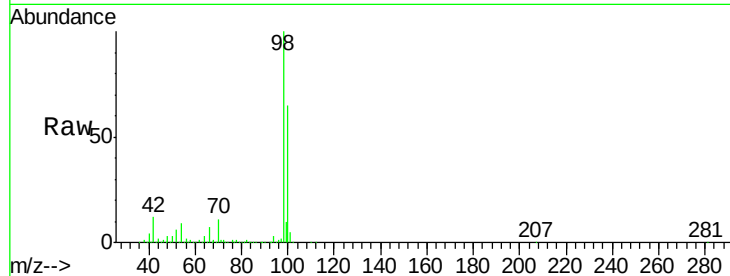




#50
Toluene-d8
Concen: 53.350 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065223.D
Acq: 18 Feb 2020 17:16

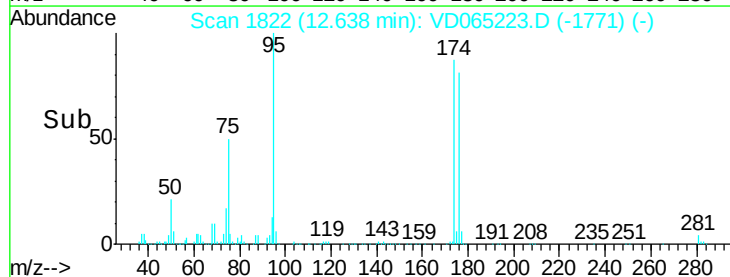
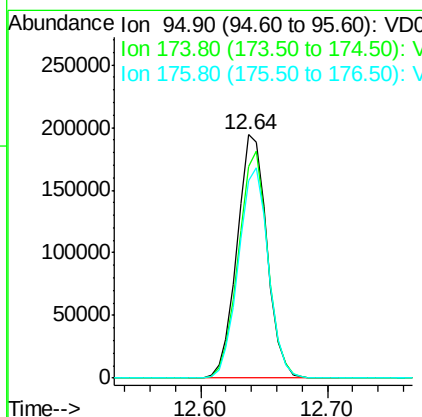
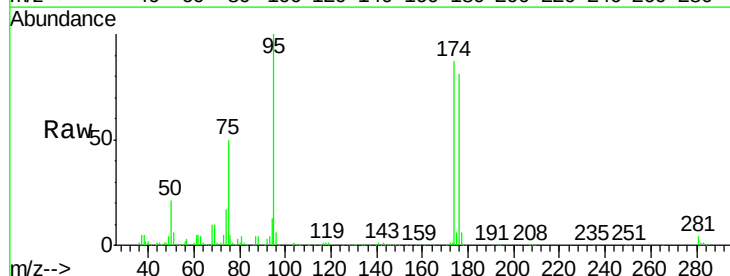
Instrument :
MSVOA_D
ClientSampleId :
SP-2

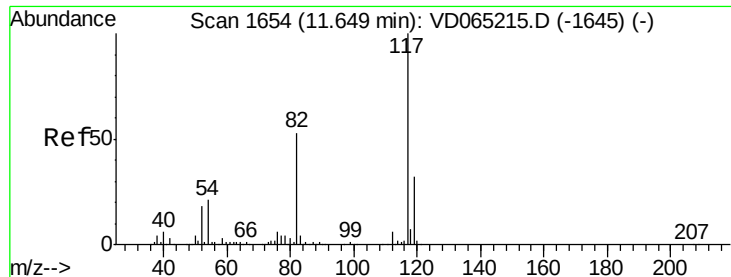
Tot Ion: 98 Resp: 760770
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 70.058 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065223.D
Acq: 18 Feb 2020 17:16

Tgt Ion: 95 Resp: 316484
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.0
176 86.7 0.0 174.4

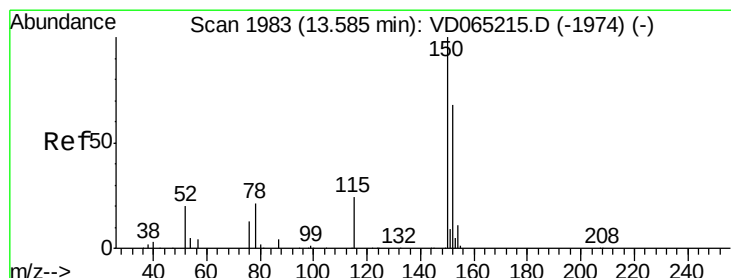
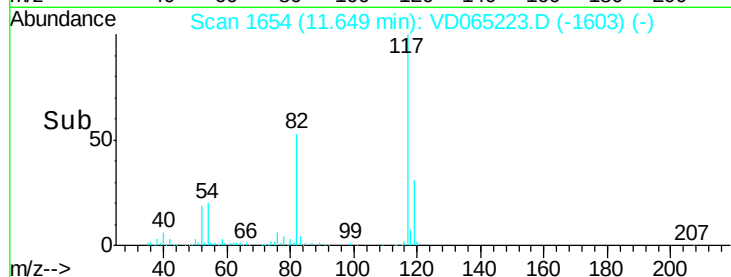
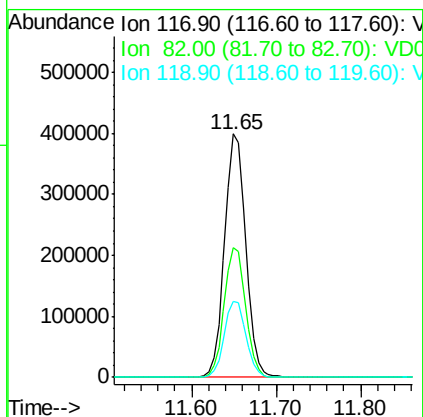
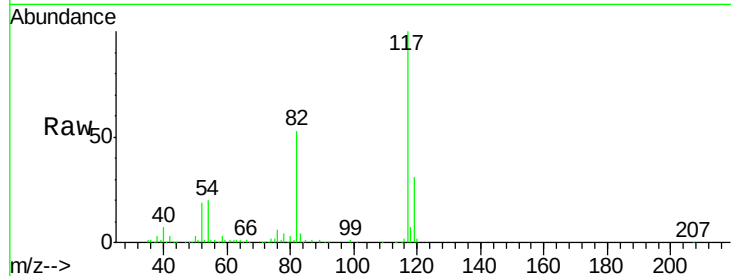




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065223.D
Acq: 18 Feb 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
SP-2

Tot Ion:117 Resp: 690299
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 31.4 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: VD065223.D
Acq: 18 Feb 2020 17:16

Tgt Ion:152 Resp: 362783
Ion Ratio Lower Upper
152 100
115 57.6 27.6 82.8
150 159.0 0.0 347.4

