

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065362.D
 Acq On : 28 Feb 2020 16:47
 Operator : VA/SY
 Sample : L1740-02RE
 Misc : 6.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-07-022720RE

Quant Time: Feb 28 22:06:48 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	163575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	272161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	282200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	133887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	131082	89.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.16%	
35) Dibromofluoromethane	7.92	113	108658	65.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.96%	
50) Toluene-d8	10.34	98	341715	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
62) 4-Bromofluorobenzene	12.64	95	111200	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	

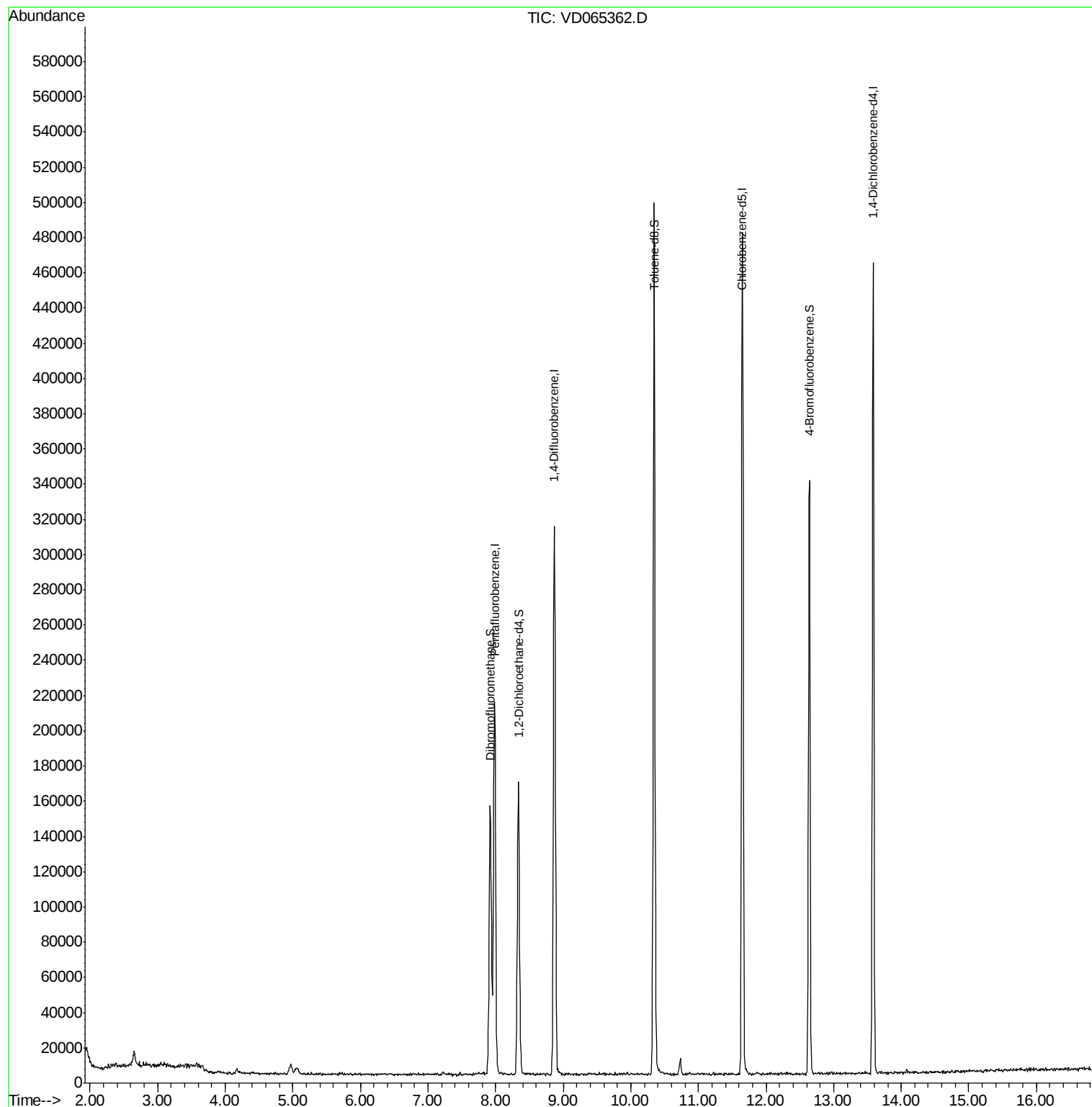
Target Compounds	Qvalue

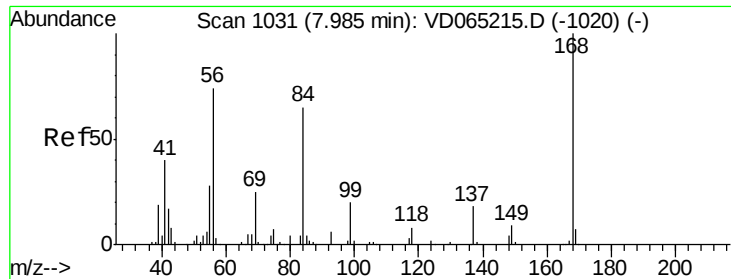
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065362.D

Acq: 28 Feb 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

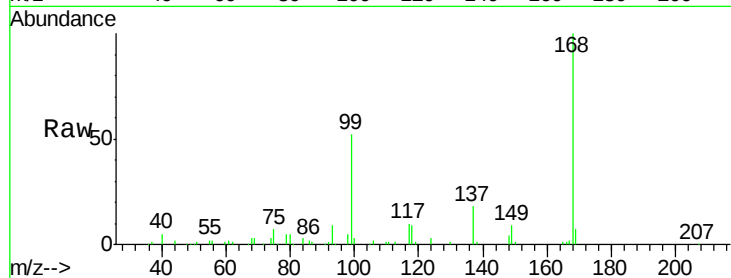
GP-07-022720RE

Tot Ion:168 Resp: 163575

Ion Ratio Lower Upper

168 100

99 51.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

80000

60000

40000

20000

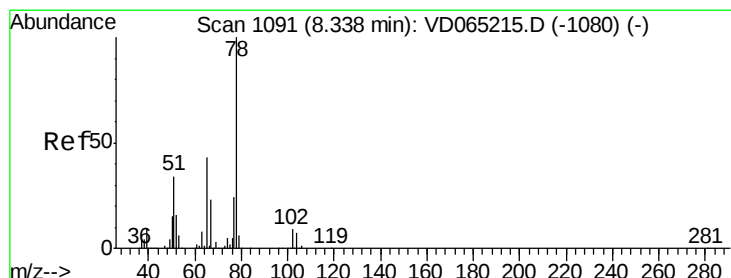
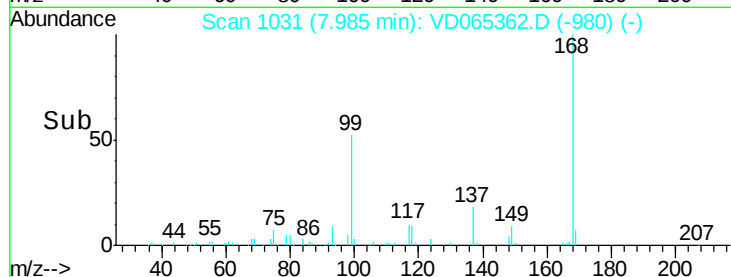
0

Time-->

7.90

8.00

8.10



#33

1,2-Dichloroethane-d4

Concen: 89.078 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065362.D

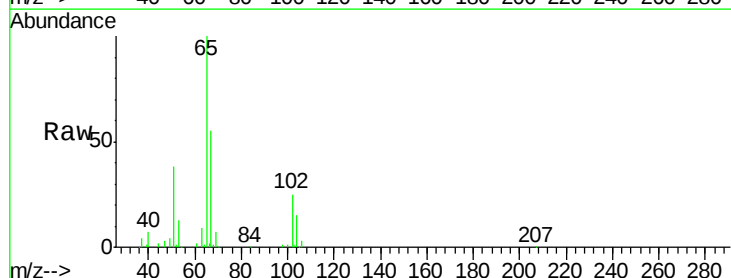
Acq: 28 Feb 2020 16:47

Tgt Ion: 65 Resp: 131082

Ion Ratio Lower Upper

65 100

67 52.3 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

60000

40000

20000

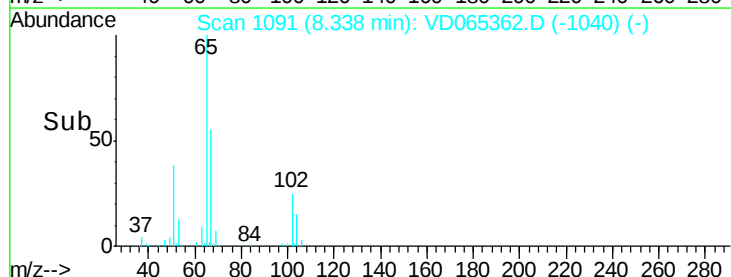
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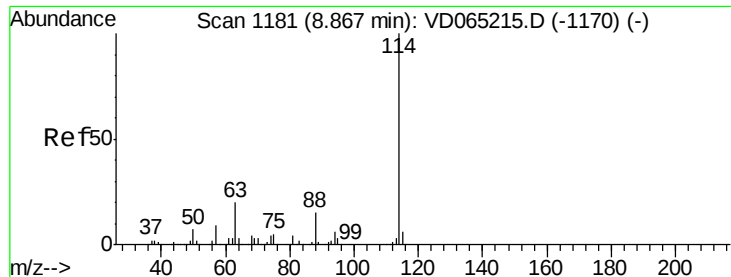
Time-->

8.20

8.30

8.40

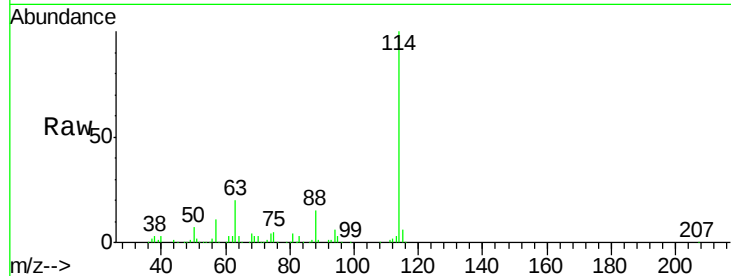




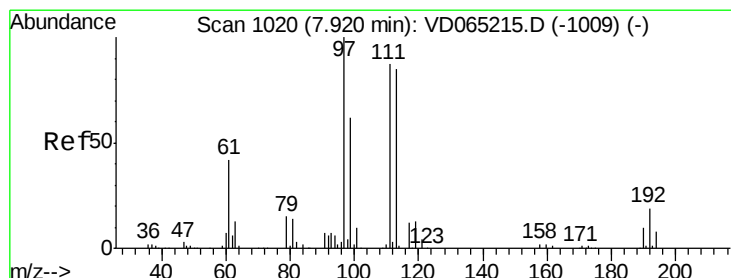
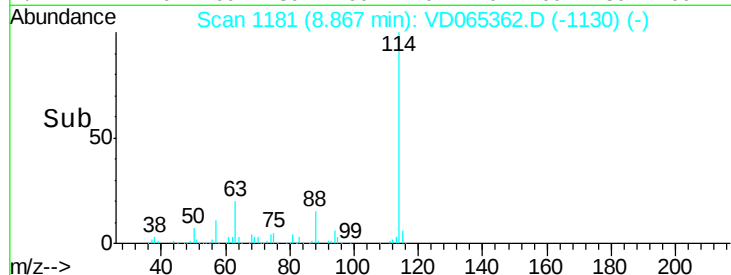
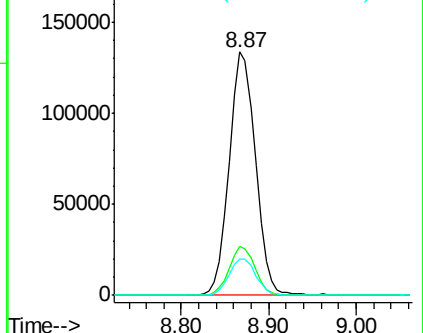
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065362.D
 Acq: 28 Feb 2020 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-07-022720RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.4
88	14.7	0.0	30.4

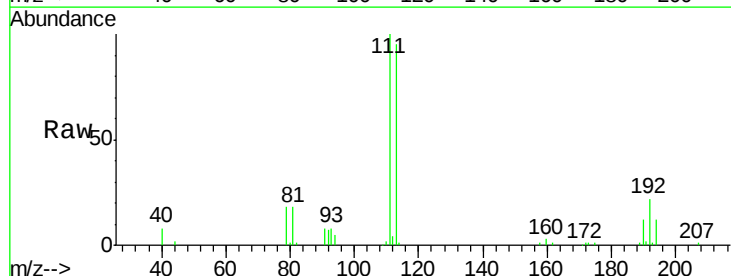


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

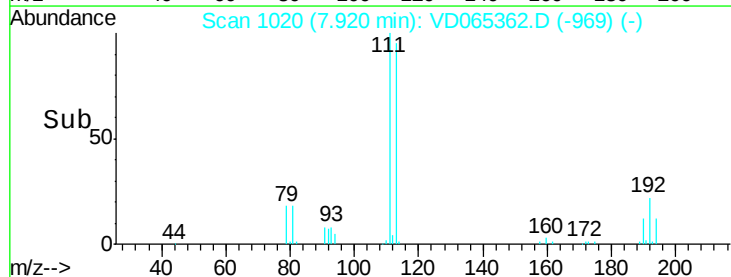
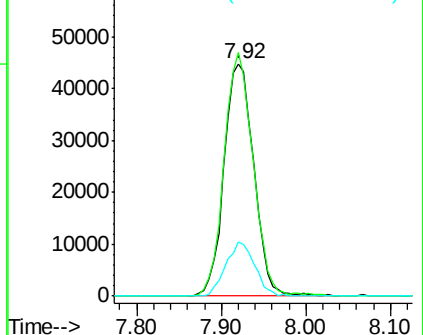


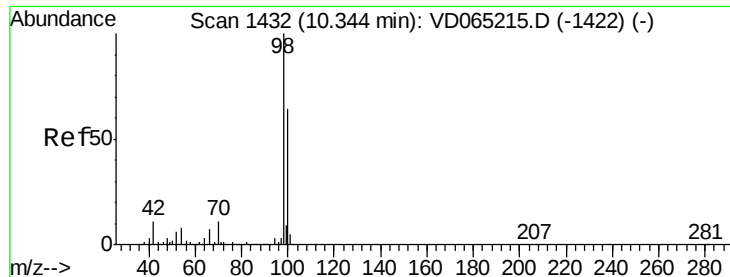
#35
 Dibromofluoromethane
 Concen: 65.477 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065362.D
 Acq: 28 Feb 2020 16:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	22.5	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

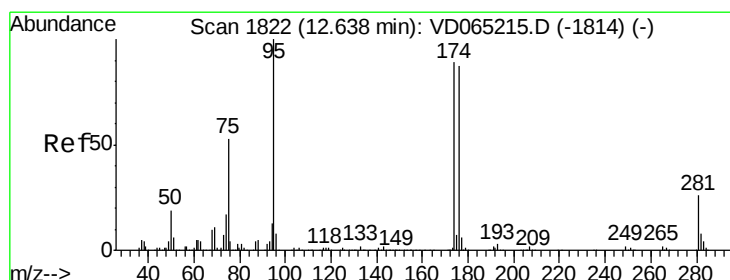
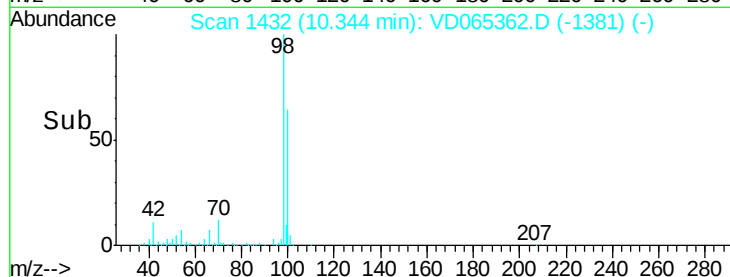
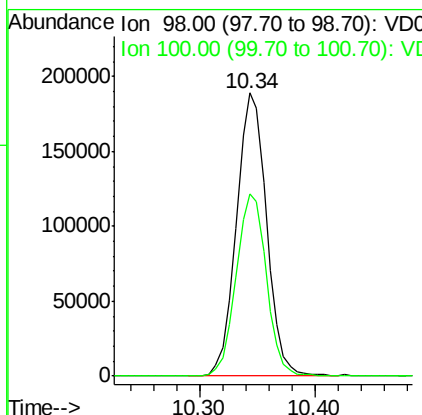
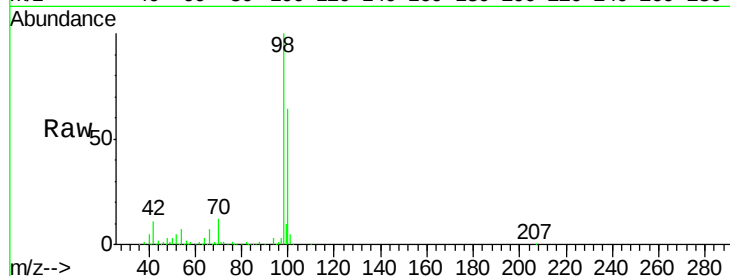




#50
Toluene-d8
Concen: 53.864 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

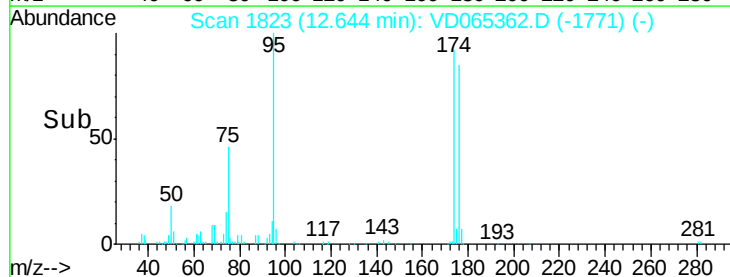
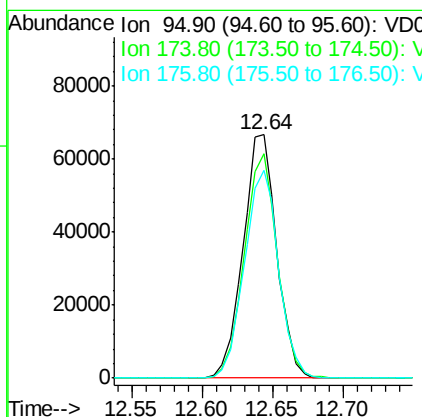
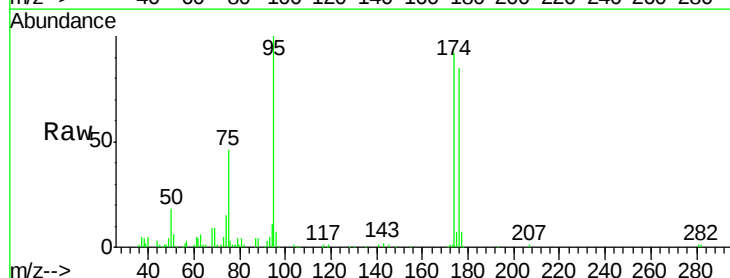
Instrument :
MSVOA_D
ClientSampleId :
GP-07-022720RE

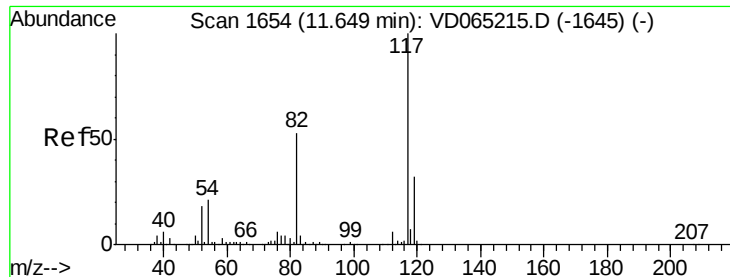
Tot Ion: 98 Resp: 341715
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.331 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

Tgt Ion: 95 Resp: 111200
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.0
176 86.6 0.0 174.4

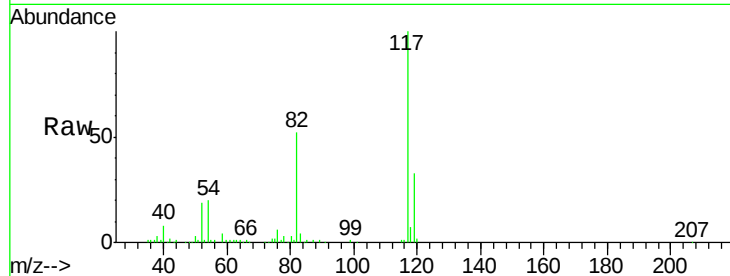




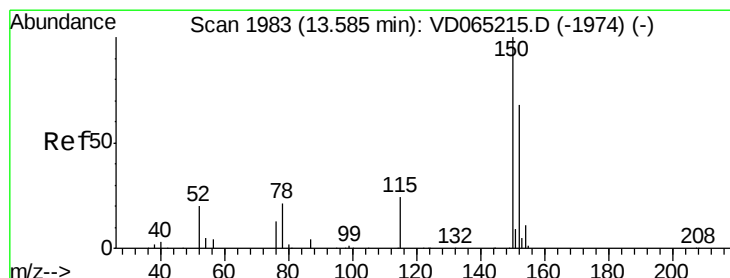
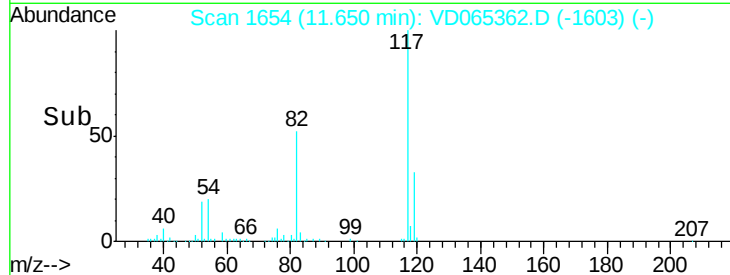
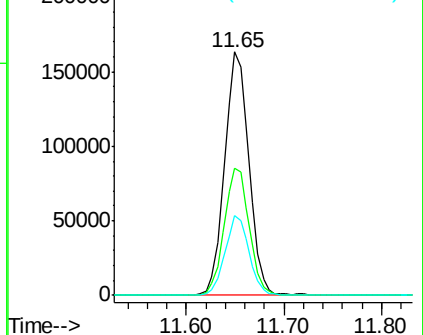
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

Instrument :
MSVOA_D
ClientSampleId :
GP-07-022720RE

Tot Ion:117 Resp: 282200
Ion Ratio Lower Upper
117 100
82 52.0 42.7 64.1
119 32.8 25.5 38.3

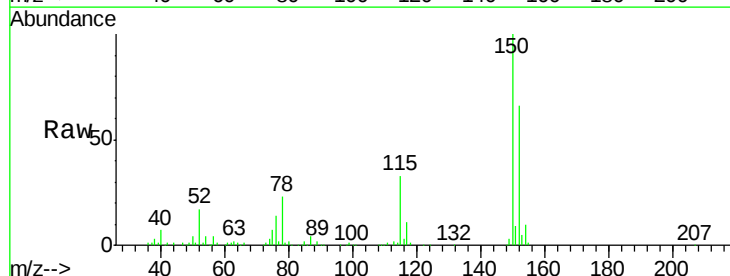


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VD065362.D
Acq: 28 Feb 2020 16:47

Tgt Ion:152 Resp: 133887
Ion Ratio Lower Upper
152 100
115 53.4 27.6 82.8
150 151.4 0.0 347.4



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

