

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065342.D
 Acq On : 27 Feb 2020 12:19
 Operator : VA/SY
 Sample : L1700-02
 Misc : 7.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12016

Quant Time: Feb 28 01:09:39 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	606166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	991516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	878806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377163	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	300844	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
35) Dibromofluoromethane	7.92	113	315442	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.34	98	1184100	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.64	95	349587	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

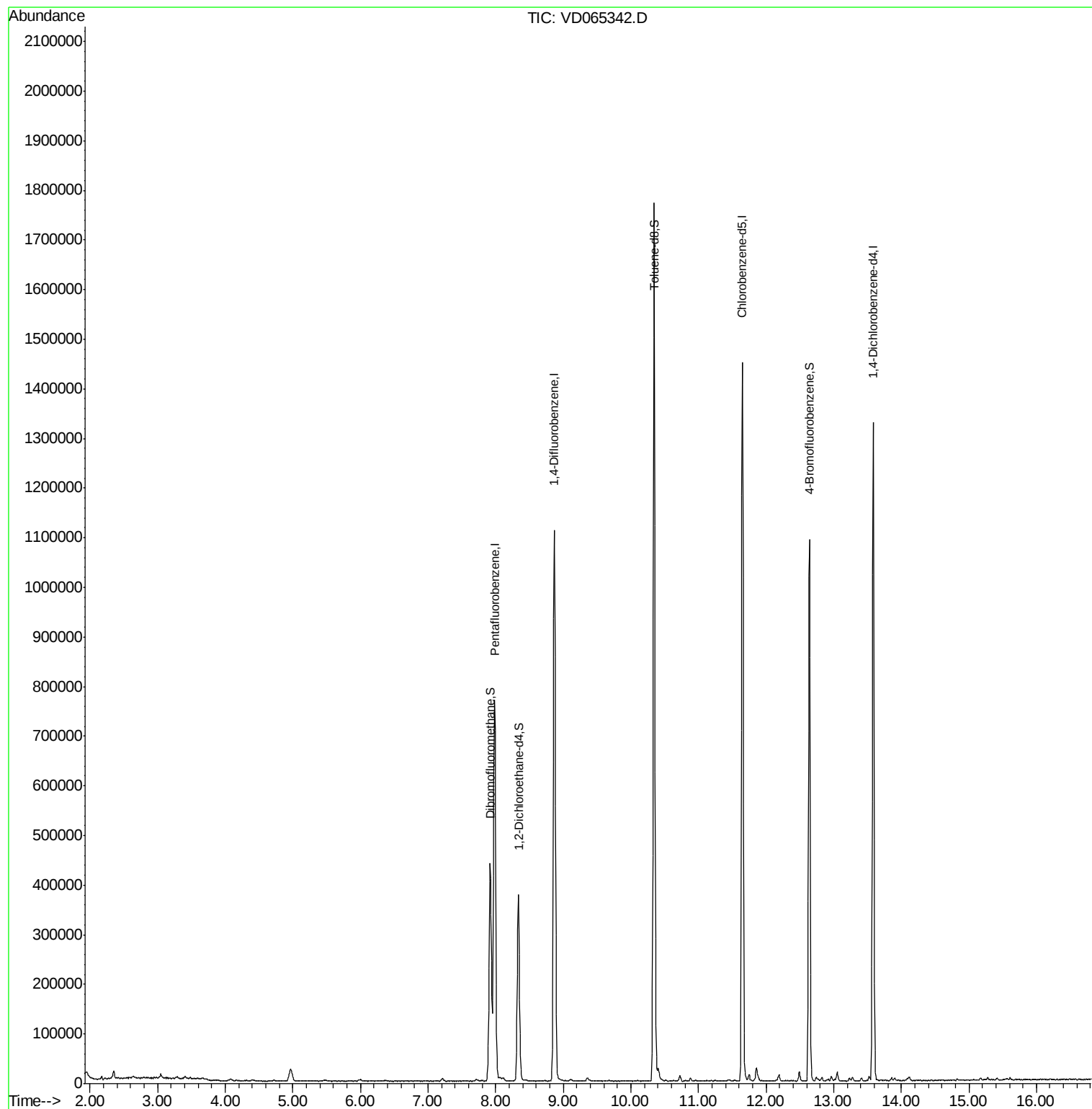
Target Compounds	Qvalue

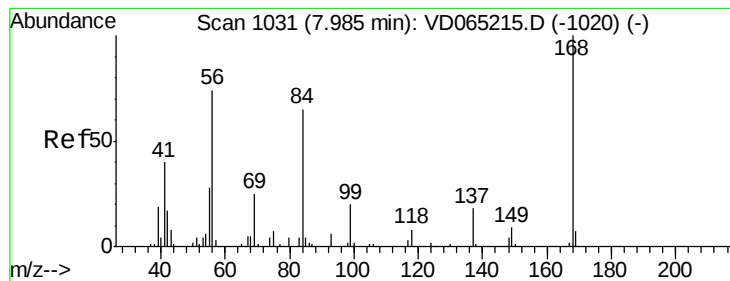
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065342.D

Acq: 27 Feb 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

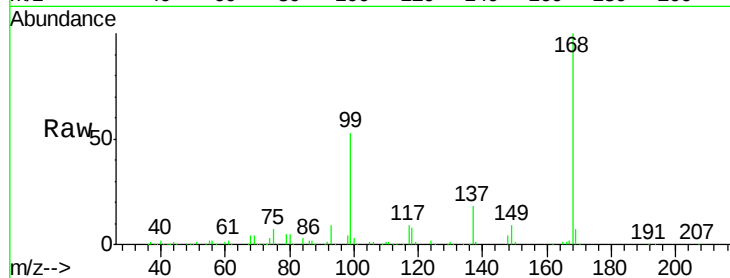
72-12016

Tot Ion:168 Resp: 606166

Ion Ratio Lower Upper

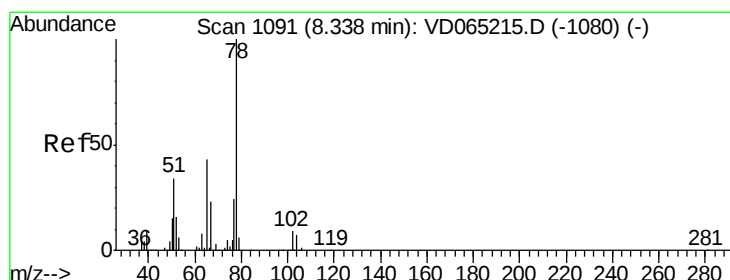
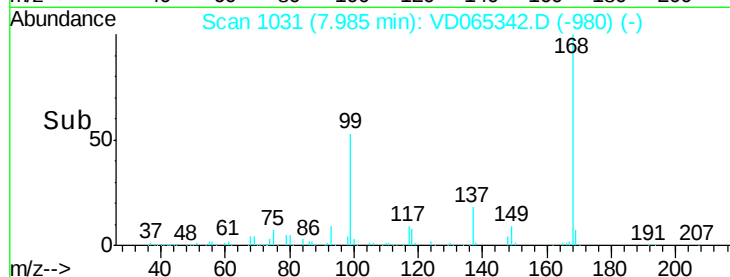
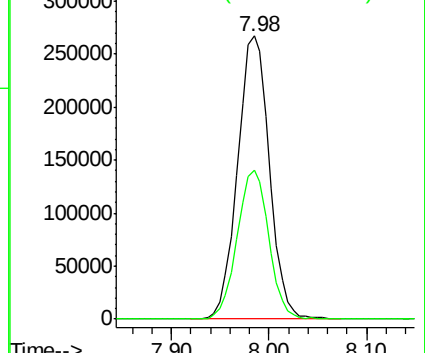
168 100

99 52.6 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: 55.169 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065342.D

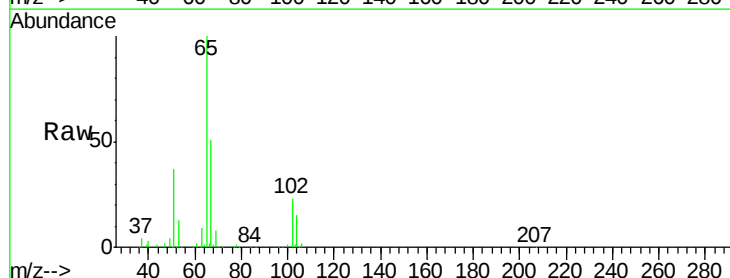
Acq: 27 Feb 2020 12:19

Tgt Ion: 65 Resp: 300844

Ion Ratio Lower Upper

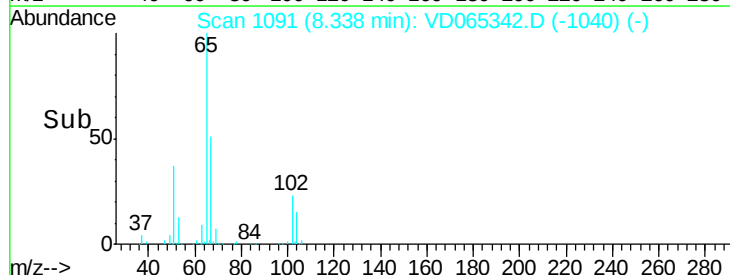
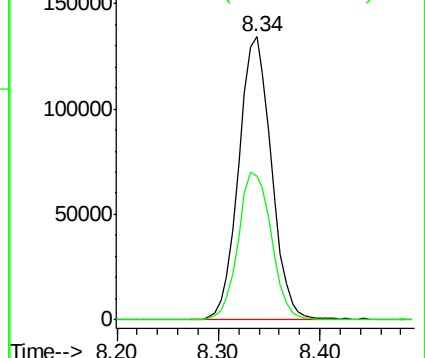
65 100

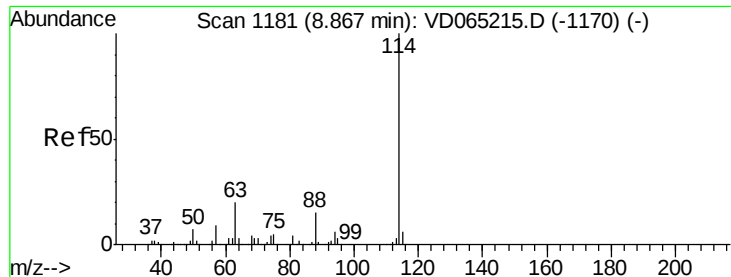
67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

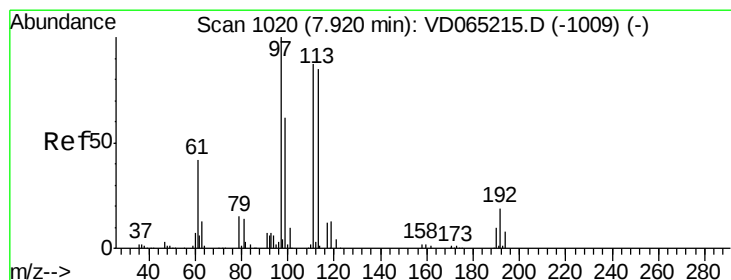
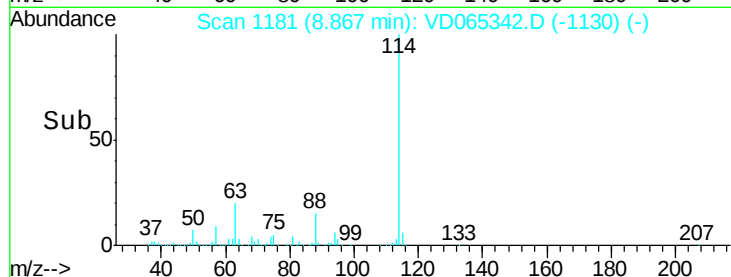
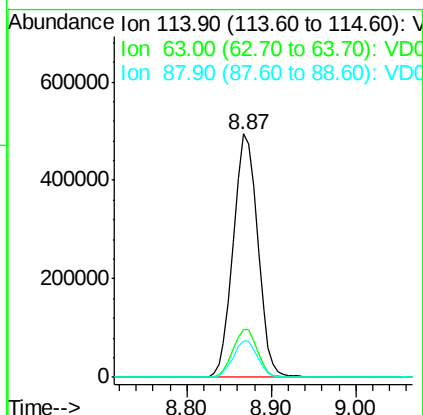
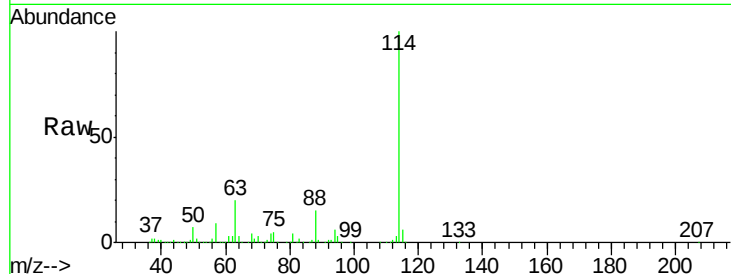




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065342.D
 Acq: 27 Feb 2020 12:19

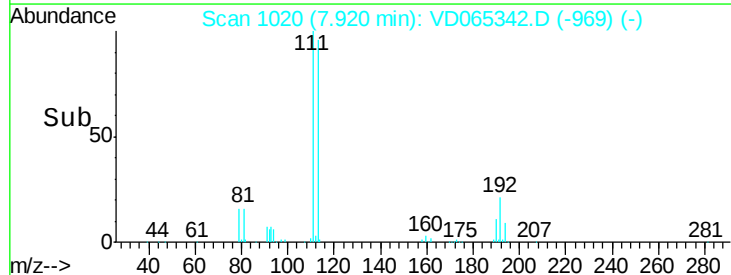
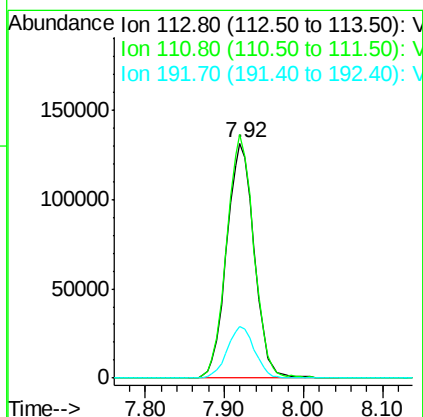
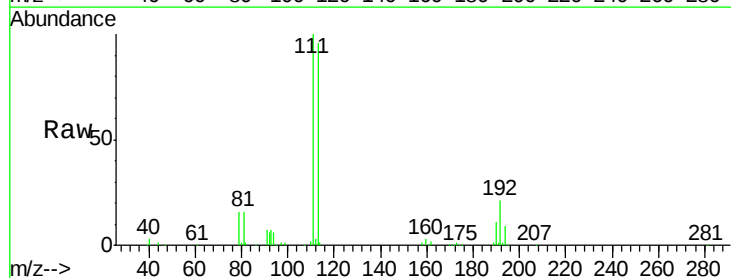
Instrument :
 MSVOA_D
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 72-12016

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.4
88	15.1	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 52.176 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065342.D
 Acq: 27 Feb 2020 12:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	21.8	17.3	25.9

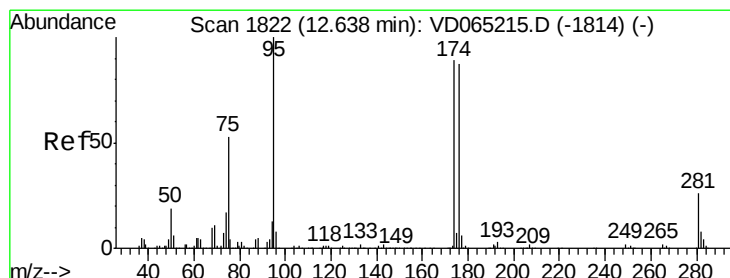
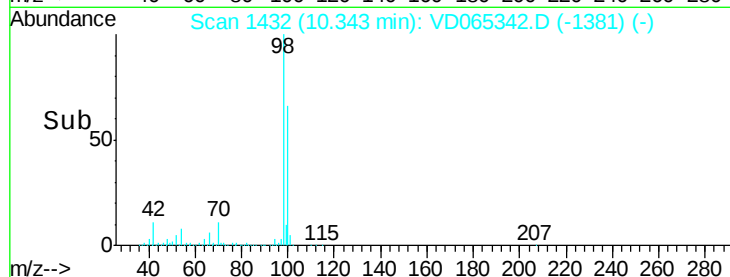
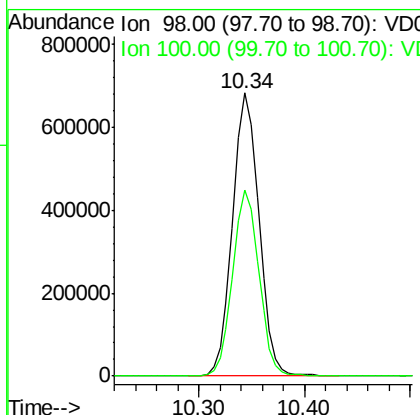
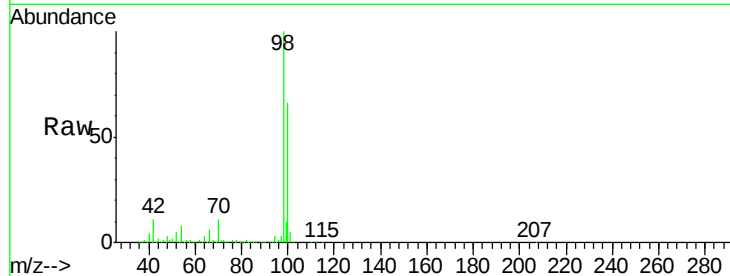




#50
Toluene-d8
Concen: 51.233 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065342.D
Acq: 27 Feb 2020 12:19

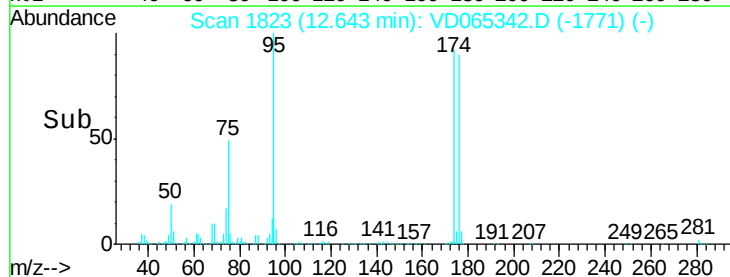
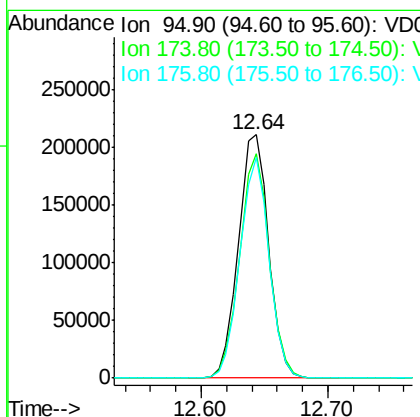
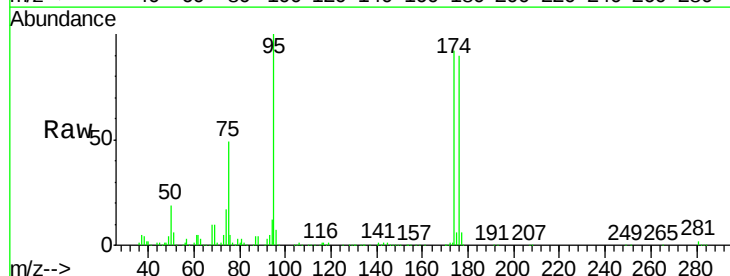
Instrument :
MSVOA_D
ClientSampleId :
72-12016

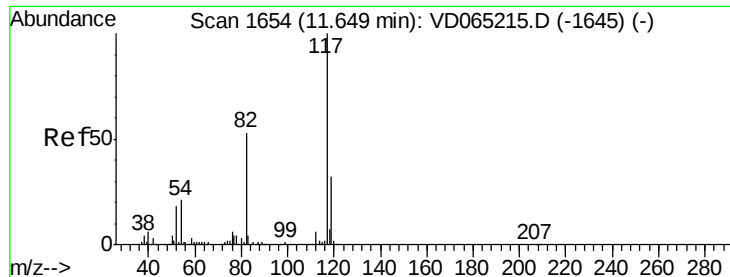
Tot Ion: 98 Resp: 1184100
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.747 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065342.D
Acq: 27 Feb 2020 12:19

Tgt Ion: 95 Resp: 349587
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.0
176 87.0 0.0 174.4

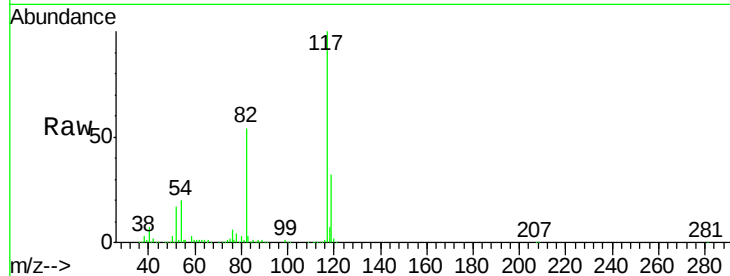




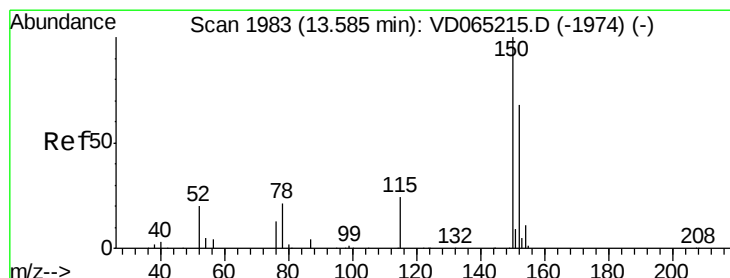
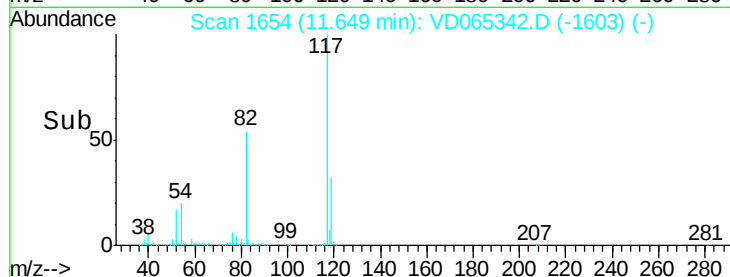
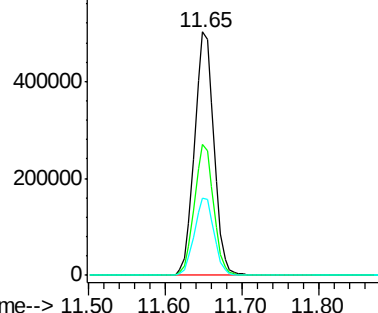
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065342.D
Acq: 27 Feb 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
72-12016

Tot Ion:117 Resp: 878806
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 31.8 25.5 38.3

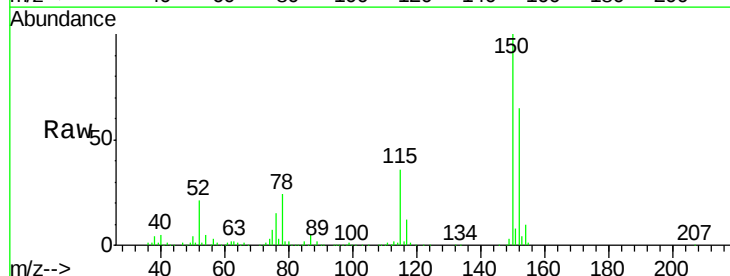


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065342.D
Acq: 27 Feb 2020 12:19

Tgt Ion:152 Resp: 377163
Ion Ratio Lower Upper
152 100
115 55.4 27.6 82.8
150 155.8 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

