

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065343.D
 Acq On : 27 Feb 2020 14:29
 Operator : VA/SY
 Sample : L1718-04
 Misc : 5.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11986

Quant Time: Feb 28 01:11:57 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	629546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1036332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	902553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	379034	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	307527	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
35) Dibromofluoromethane	7.92	113	324024	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.34	98	1232676	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.64	95	354209	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	

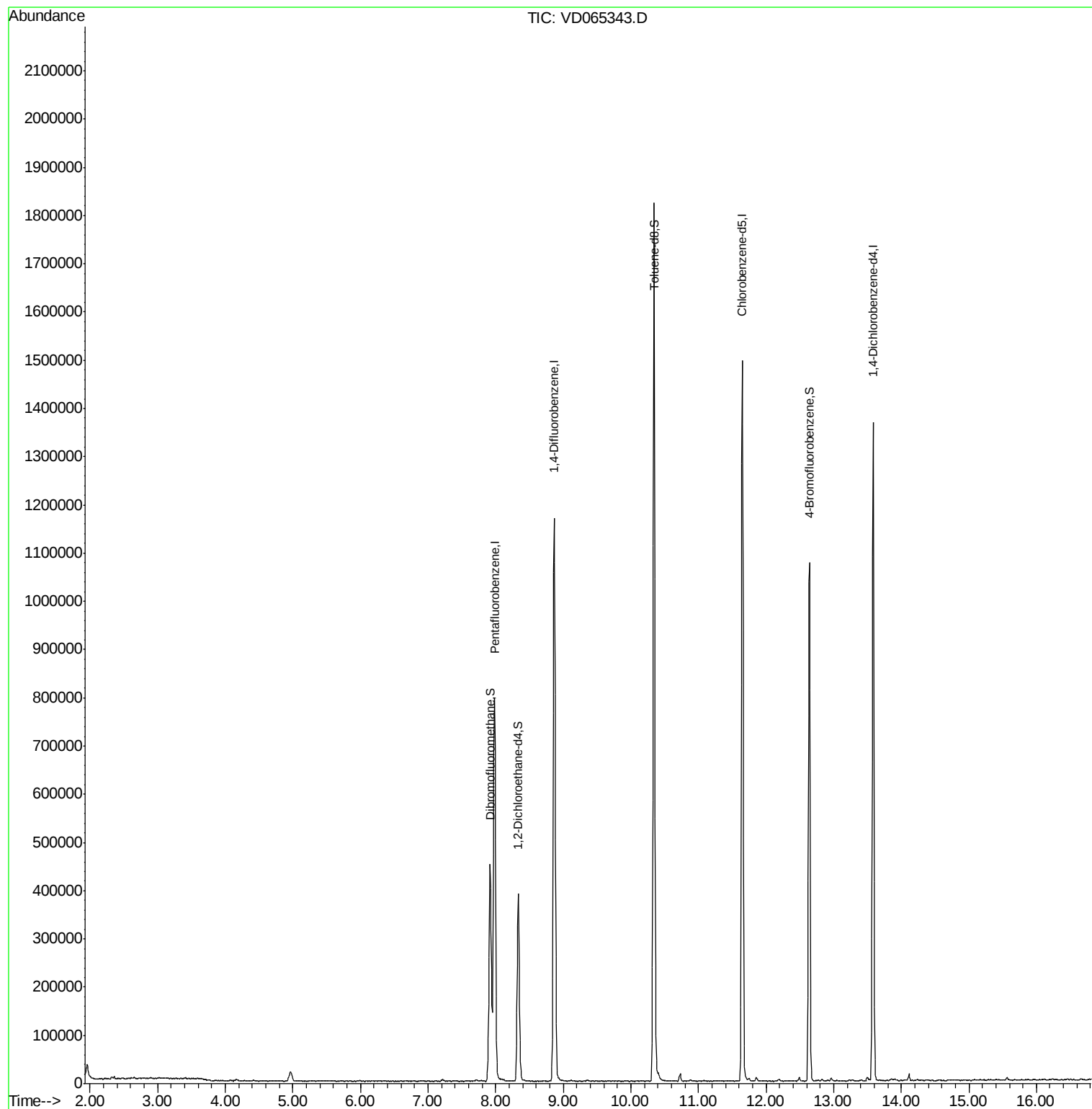
Target Compounds	Qvalue
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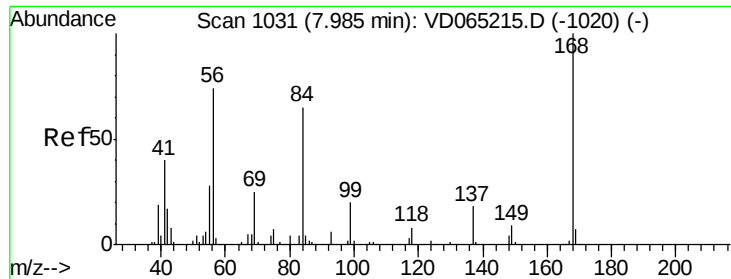
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065343.D

Acq: 27 Feb 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

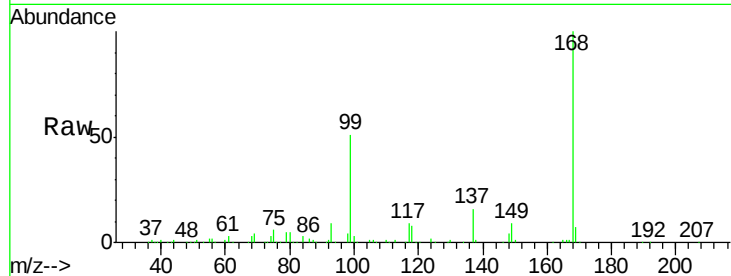
72-11986

Tot Ion:168 Resp: 629546

Ion Ratio Lower Upper

168 100

99 51.3 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

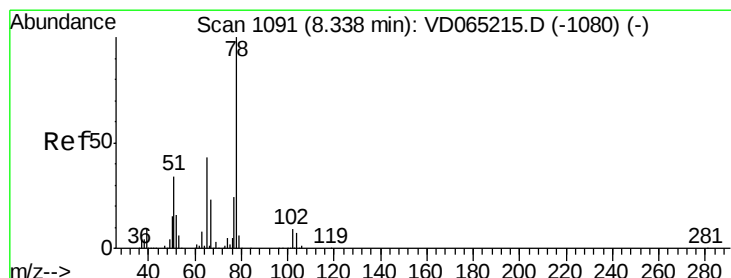
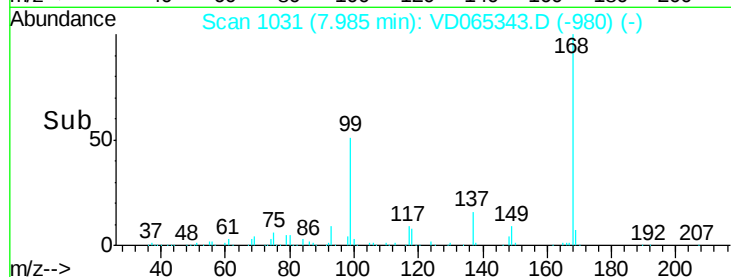
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.300 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065343.D

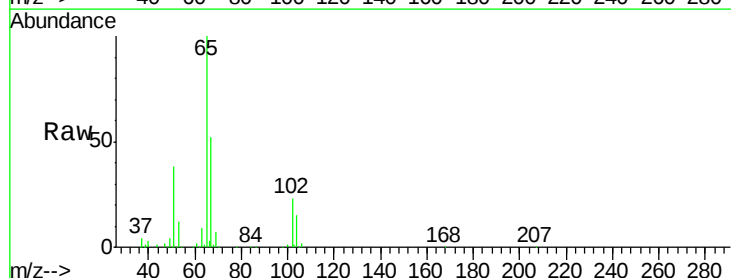
Acq: 27 Feb 2020 14:29

Tgt Ion: 65 Resp: 307527

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

8.33

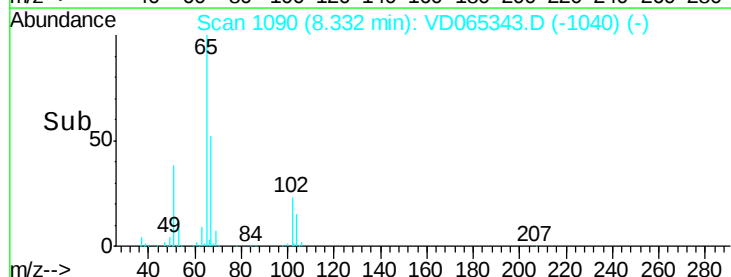
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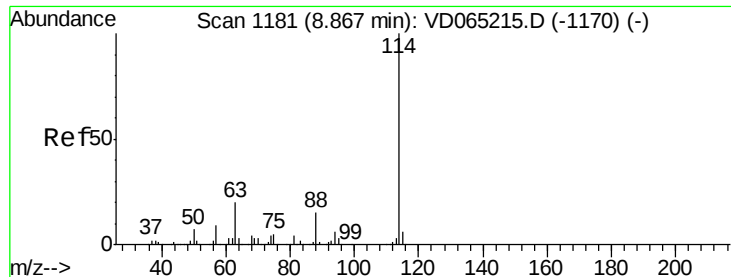
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50000

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Time-->

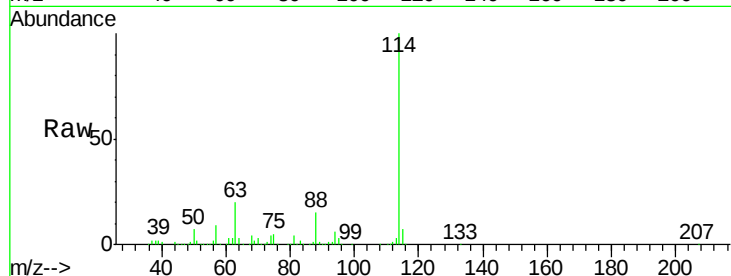




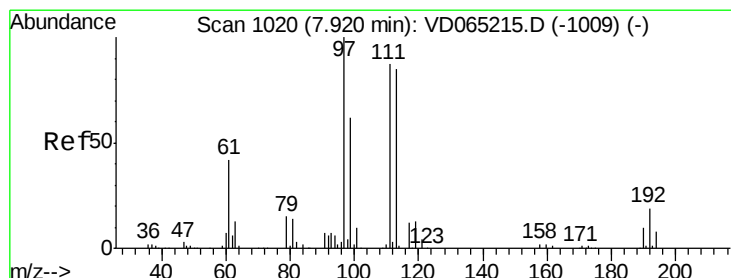
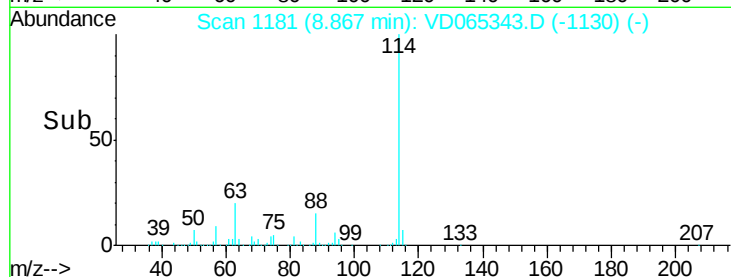
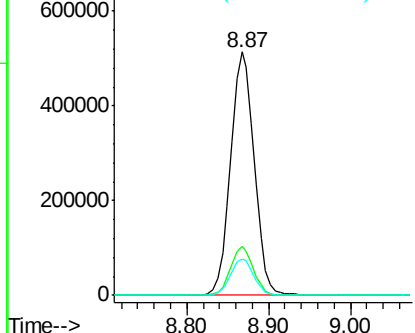
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065343.D
 Acq: 27 Feb 2020 14:29

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11986

Tot Ion:114 Resp: 1036332
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.2 0.0 30.4

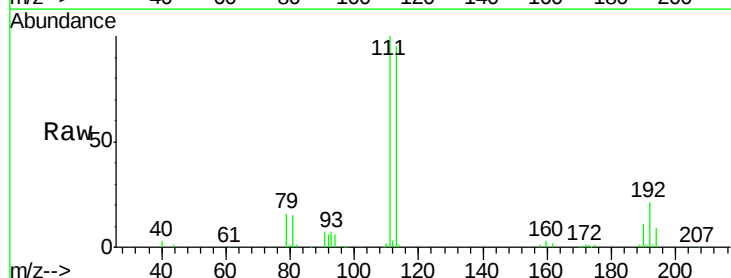


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

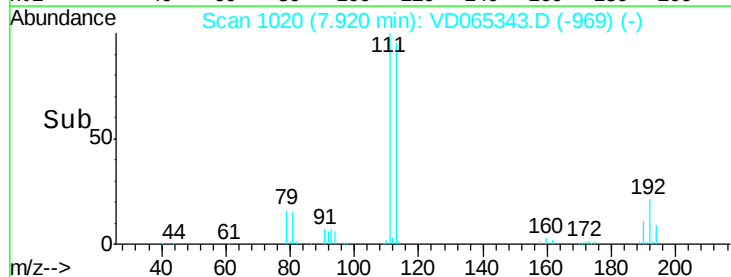
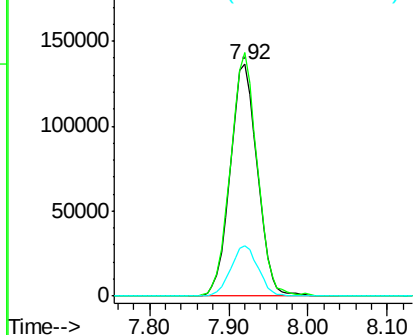


#35
 Dibromofluoromethane
 Concen: 51.278 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065343.D
 Acq: 27 Feb 2020 14:29

Tgt Ion:113 Resp: 324024
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 21.9 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

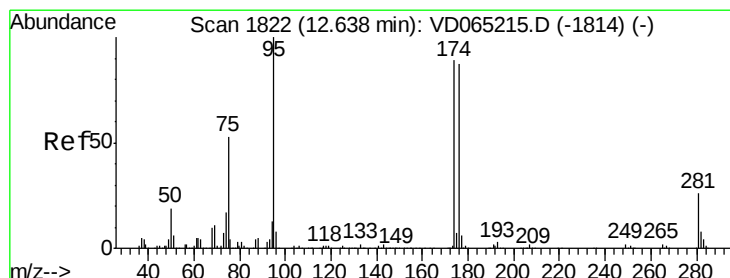
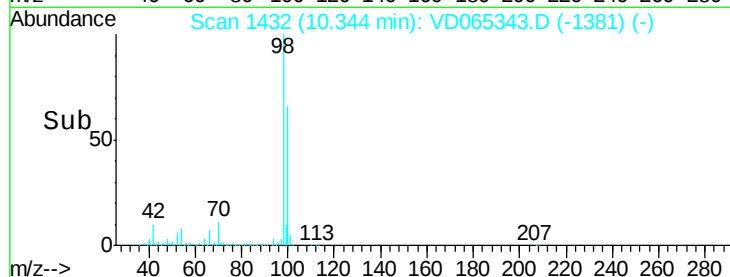
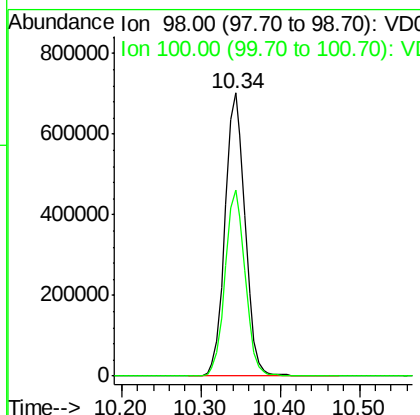
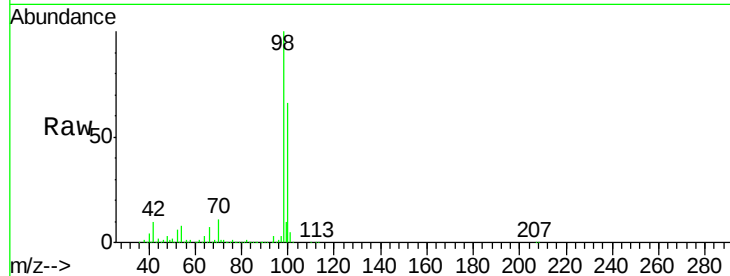




#50
Toluene-d8
Concen: 51.028 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065343.D
Acq: 27 Feb 2020 14:29

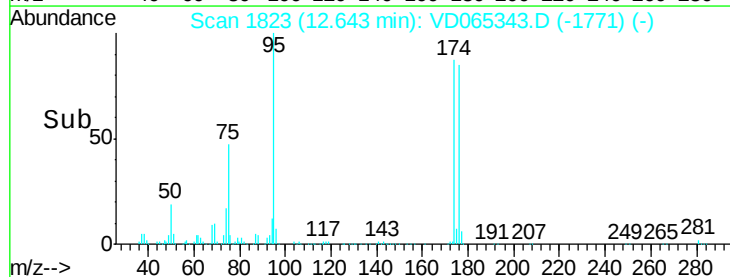
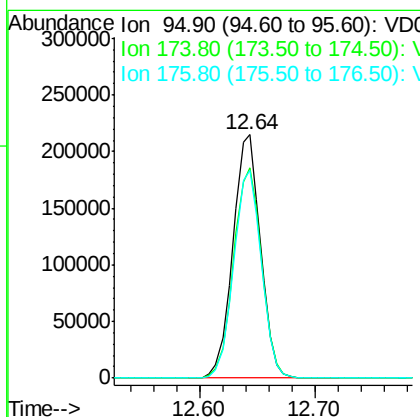
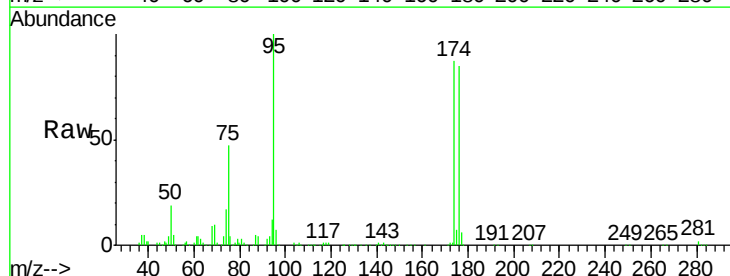
Instrument :
MSVOA_D
ClientSampleId :
72-11986

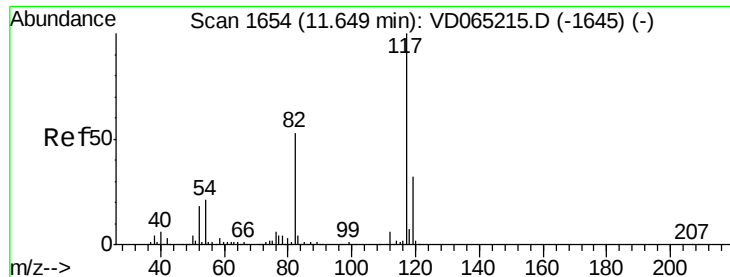
Tot Ion: 98 Resp: 1232676
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.286 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065343.D
Acq: 27 Feb 2020 14:29

Tgt Ion: 95 Resp: 354209
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.0
176 85.4 0.0 174.4

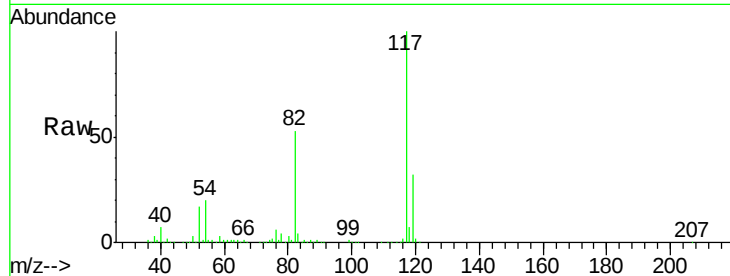




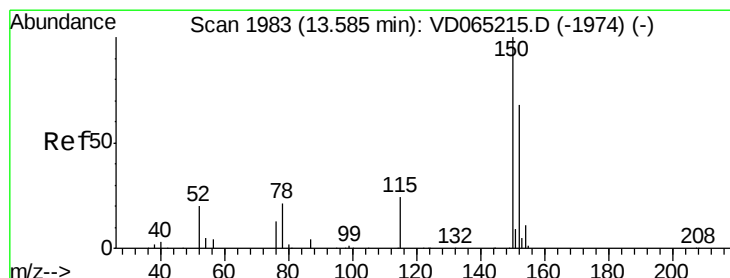
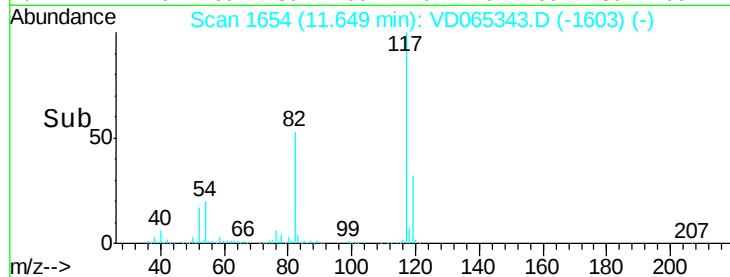
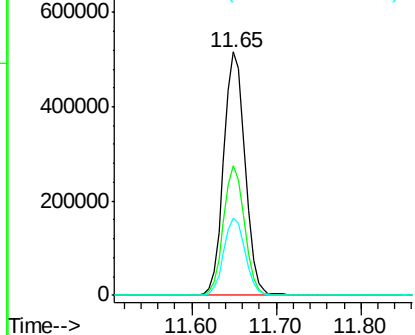
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065343.D
Acq: 27 Feb 2020 14:29

Instrument :
MSVOA_D
ClientSampleId :
72-11986

Tot Ion:117 Resp: 902553
Ion Ratio Lower Upper
117 100
82 53.1 42.7 64.1
119 31.7 25.5 38.3

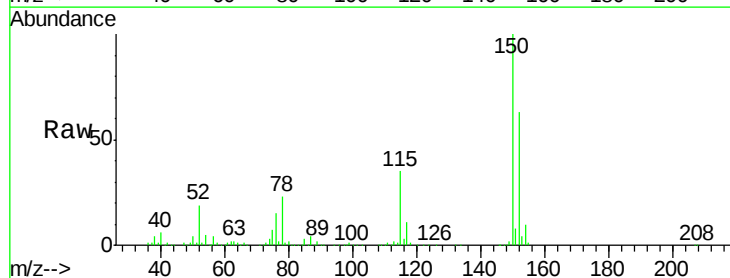


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065343.D
Acq: 27 Feb 2020 14:29

Tgt Ion:152 Resp: 379034
Ion Ratio Lower Upper
152 100
115 56.1 27.6 82.8
150 160.0 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

