

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021120\
 Data File : VD065152.D
 Acq On : 11 Feb 2020 19:01
 Operator : VA/SY
 Sample : L1491-07
 Misc : 7.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1I-(13.5-15.5)

Quant Time: Feb 12 07:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	523610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	847429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	892490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	448382	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	237404	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	7.92	113	258908	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
50) Toluene-d8	10.34	98	1041048	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	
62) 4-Bromofluorobenzene	12.64	95	402297	67.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.92%	

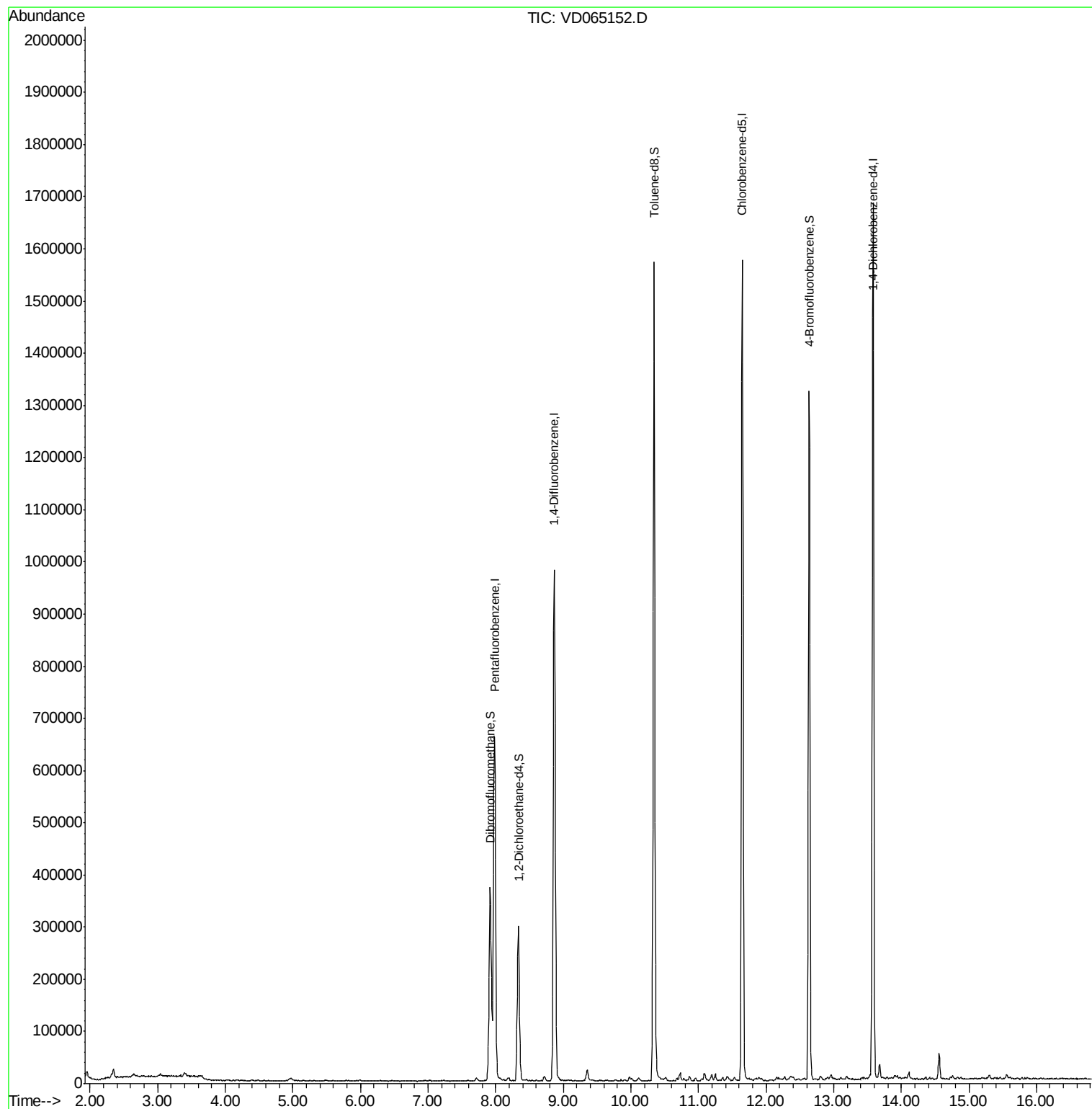
Target Compounds	Qvalue
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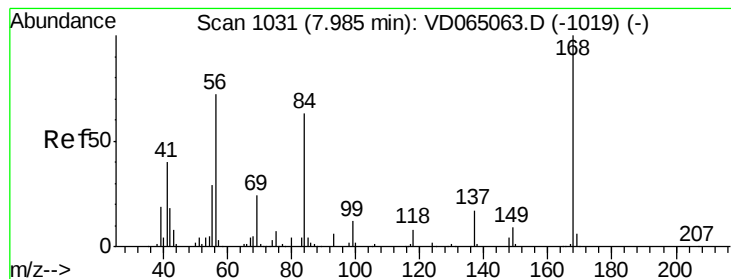
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065152.D

Acq: 11 Feb 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

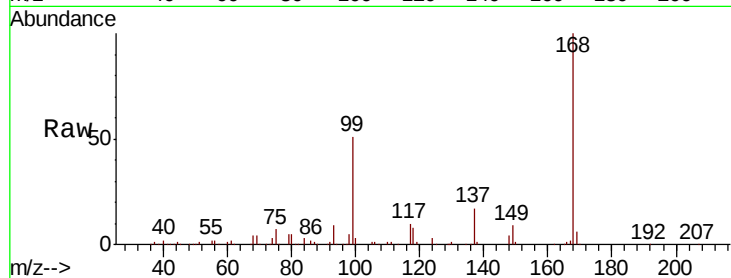
SB-1I-(13.5-15.5)

Tot Ion:168 Resp: 523610

Ion Ratio Lower Upper

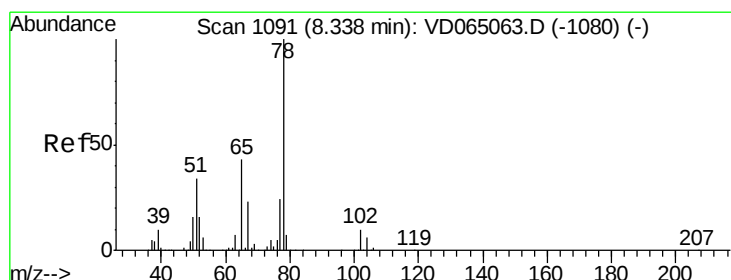
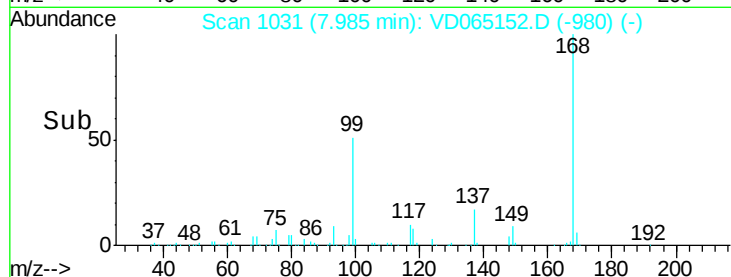
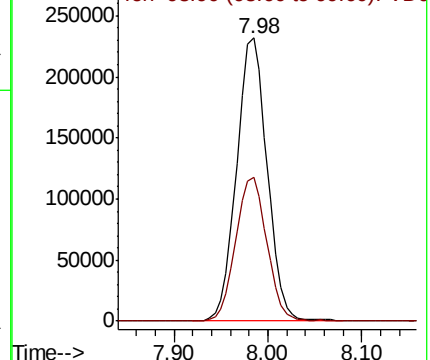
168 100

99 50.8 41.0 61.6



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: 53.346 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065152.D

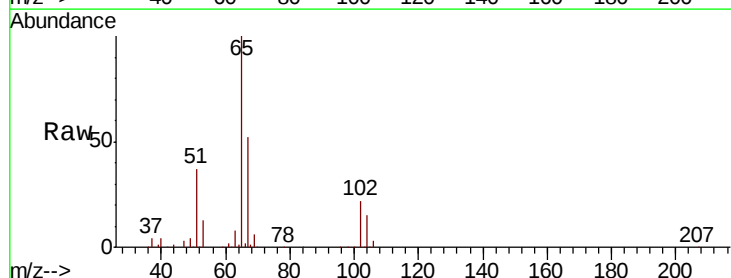
Acq: 11 Feb 2020 19:01

Tgt Ion: 65 Resp: 237404

Ion Ratio Lower Upper

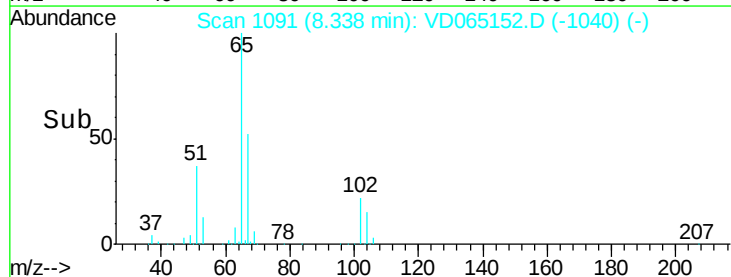
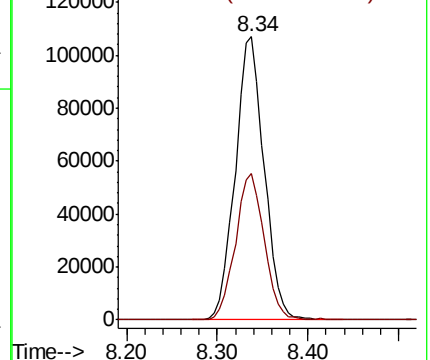
65 100

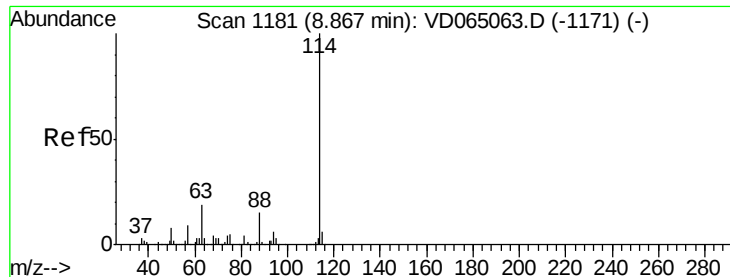
67 51.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

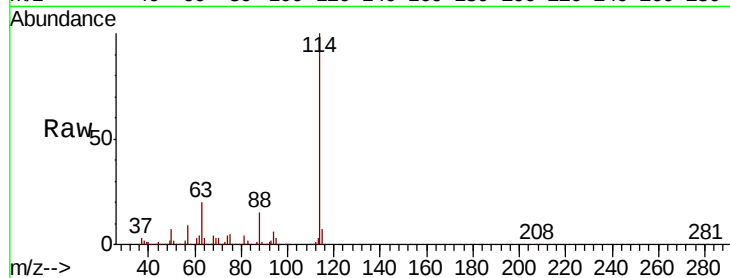




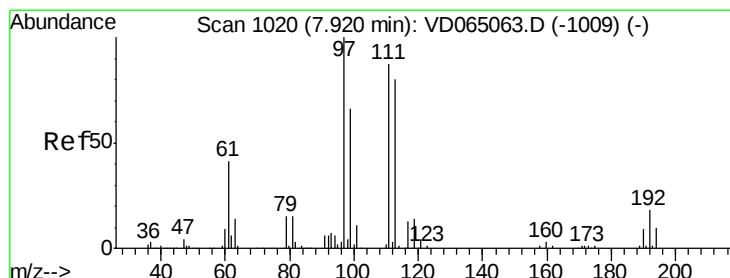
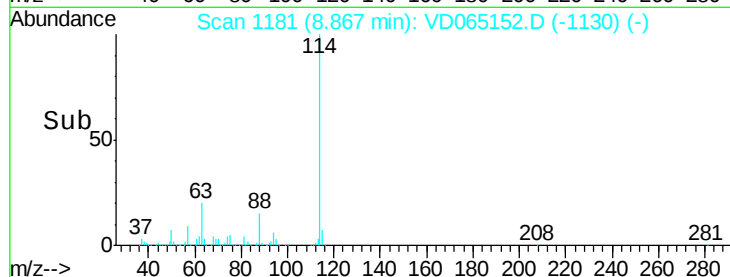
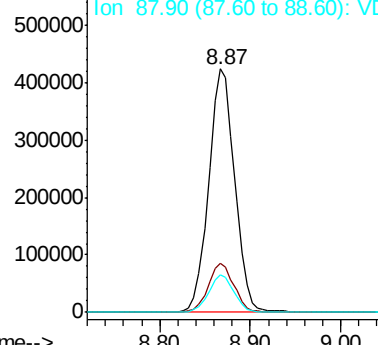
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065152.D
 Acq: 11 Feb 2020 19:01

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1I-(13.5-15.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.8
88	15.2	0.0	29.6

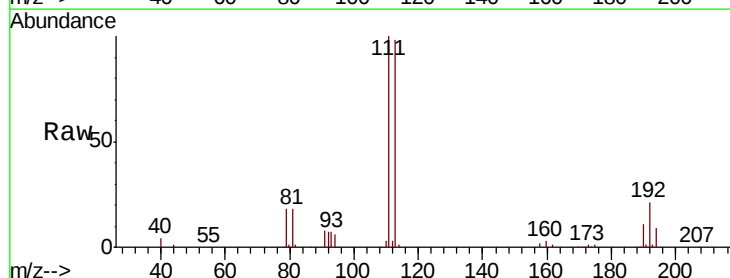


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

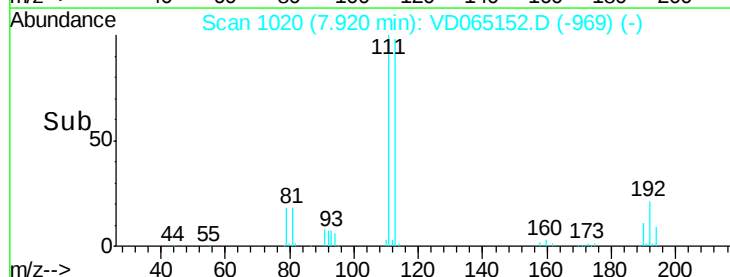
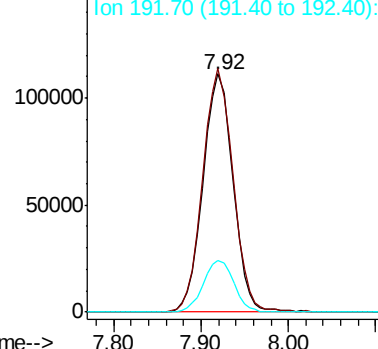


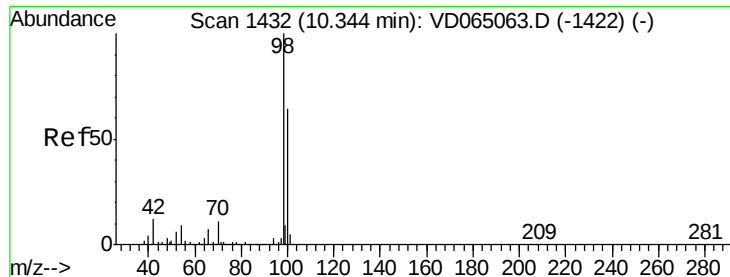
#35
 Dibromofluoromethane
 Concen: 54.759 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065152.D
 Acq: 11 Feb 2020 19:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	22.1	18.1	27.1



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

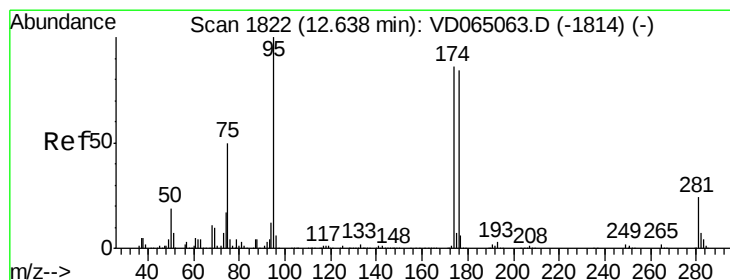
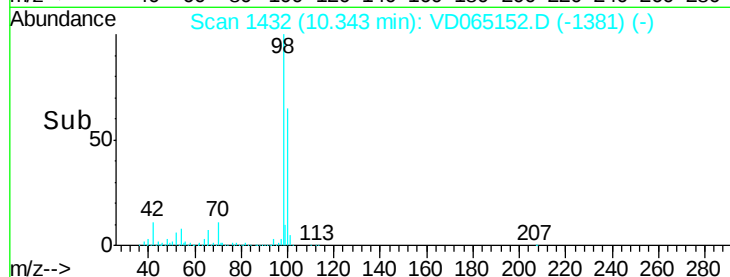
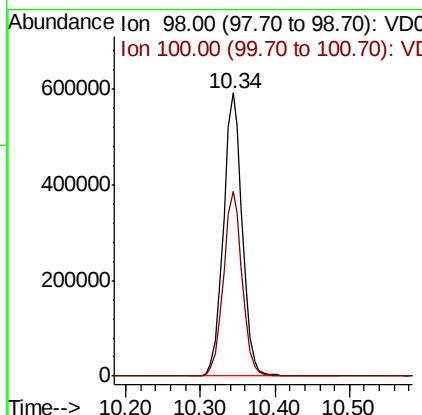
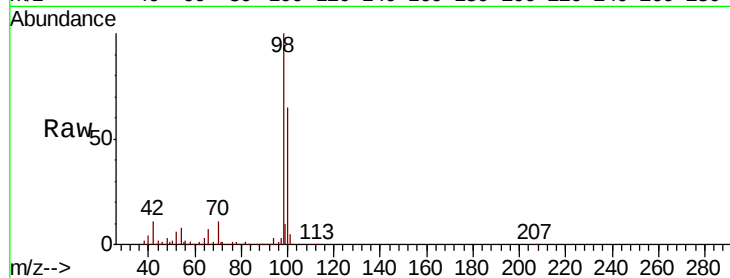




#50
Toluene-d8
Concen: 55.318 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065152.D
Acq: 11 Feb 2020 19:01

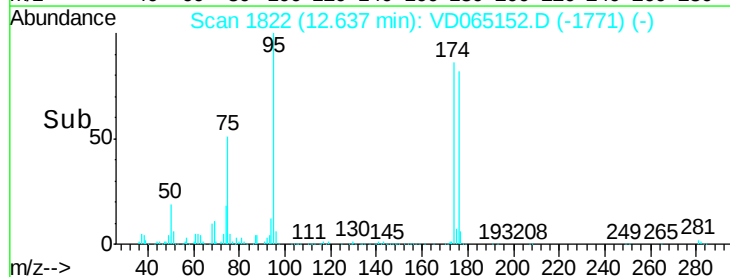
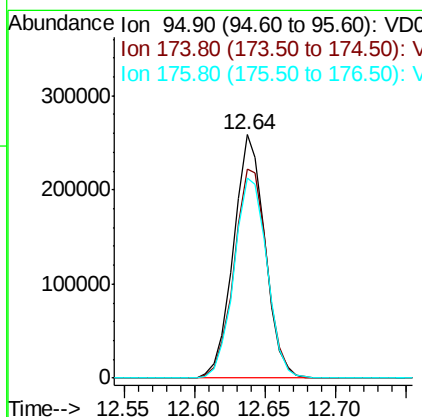
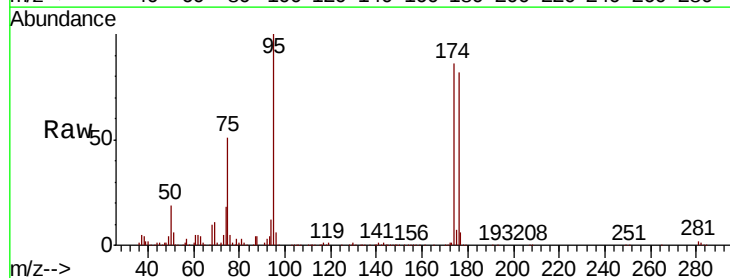
Instrument :
MSVOA_D
ClientSampleId :
SB-1I-(13.5-15.5)

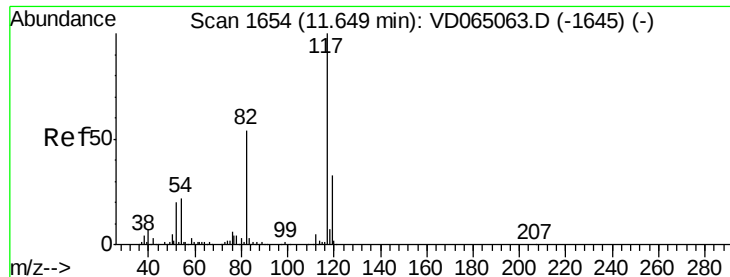
Tot Ion: 98 Resp: 1041048
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 67.464 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065152.D
Acq: 11 Feb 2020 19:01

Tgt Ion: 95 Resp: 402297
Ion Ratio Lower Upper
95 100
174 89.9 0.0 180.0
176 86.2 0.0 173.2

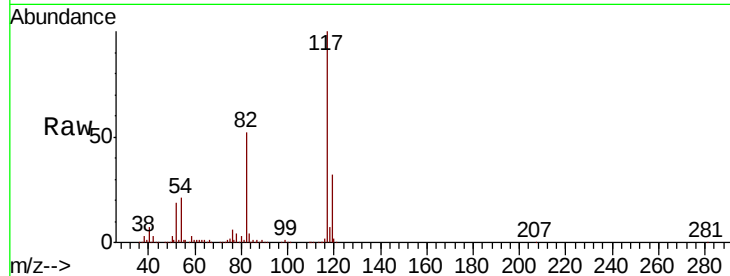




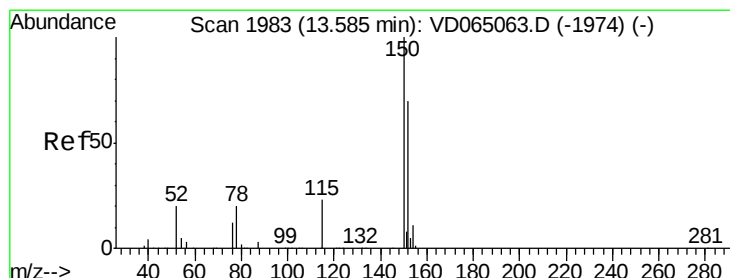
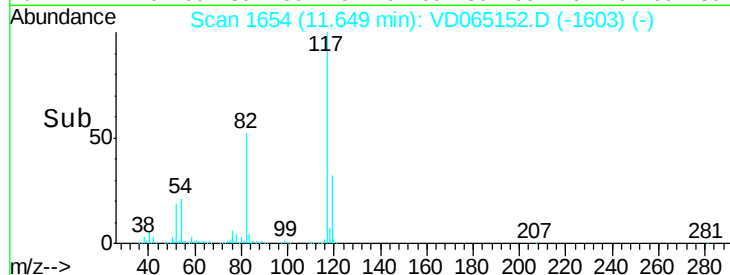
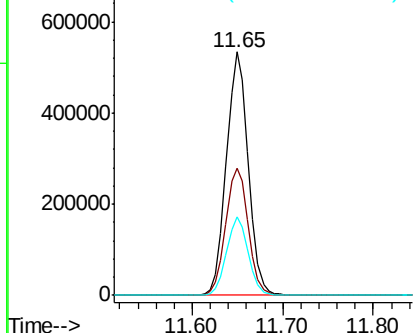
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065152.D
Acq: 11 Feb 2020 19:01

Instrument :
MSVOA_D
ClientSampleId :
SB-1I-(13.5-15.5)

Tot Ion:117 Resp: 892490
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 32.4 26.0 39.0

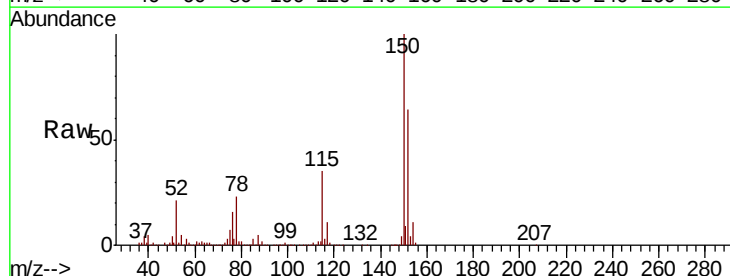


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065152.D
Acq: 11 Feb 2020 19:01

Tgt Ion:152 Resp: 448382
Ion Ratio Lower Upper
152 100
115 56.0 27.5 82.4
150 156.8 0.0 343.2



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

