

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021120\
 Data File : VD065150.D
 Acq On : 11 Feb 2020 18:03
 Operator : VA/SY
 Sample : L1491-05
 Misc : 8.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2A-(18.5-20.5)

Quant Time: Feb 12 07:29:55 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

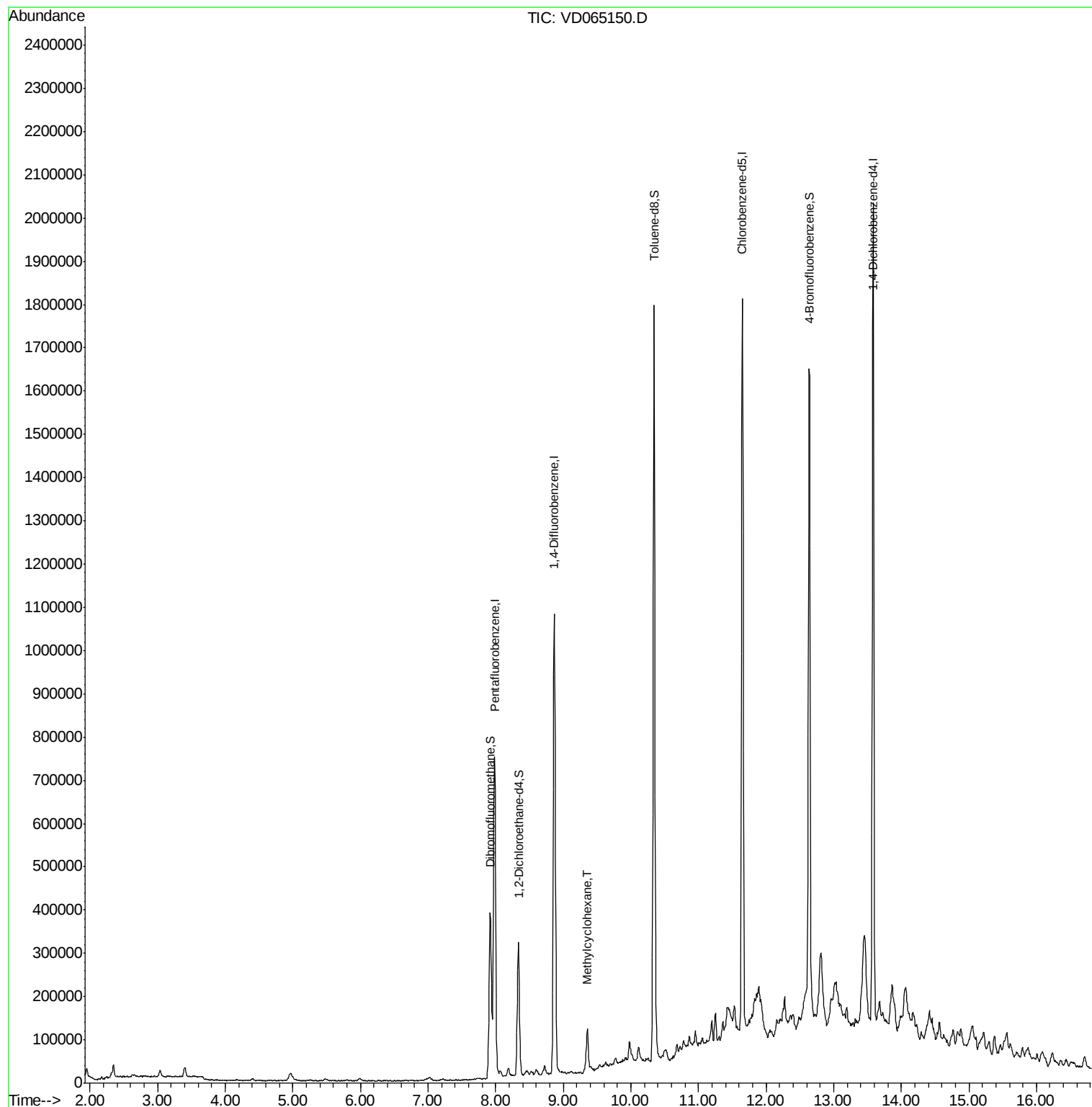
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	578632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	937673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	994218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	507381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	248402	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.92	113	276151	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	10.34	98	1179177	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.64	95	463029	70.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.36%	
Target Compounds						
39) Methylcyclohexane	9.36	83	41379	3.845	ug/l	Qvalue 96

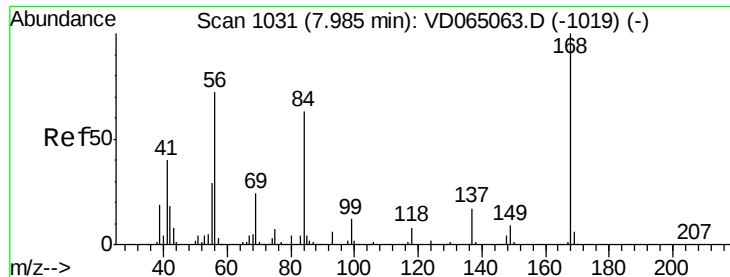
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021120\
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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: VD065150.D

Acq: 11 Feb 2020 18:03

Instrument :

MSVOA_D

ClientSampleId :

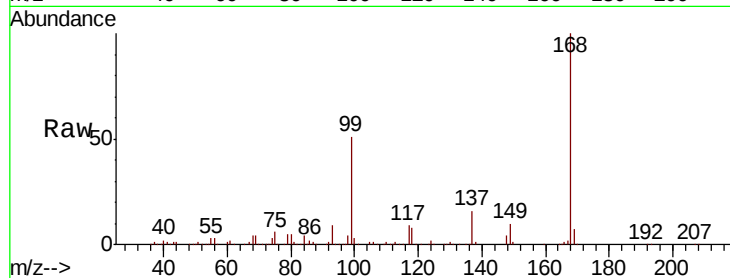
SB-2A-(18.5-20.5)

Tot Ion:168 Resp: 578632

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

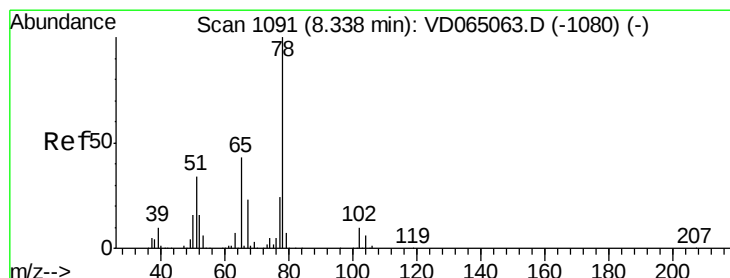
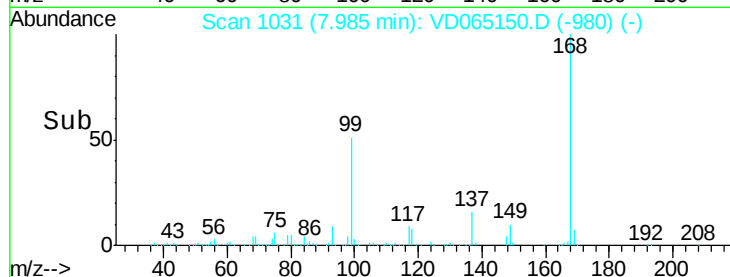
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.510 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065150.D

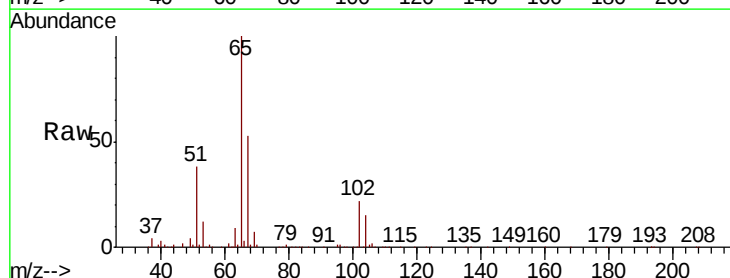
Acq: 11 Feb 2020 18:03

Tgt Ion: 65 Resp: 248402

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

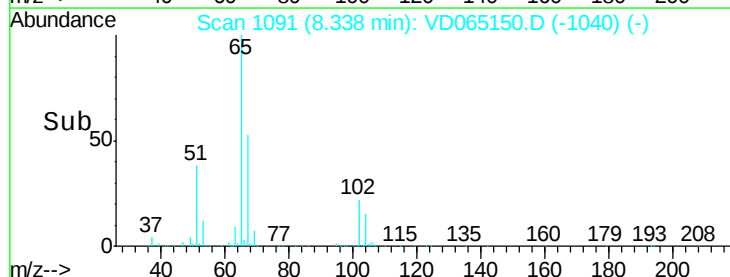
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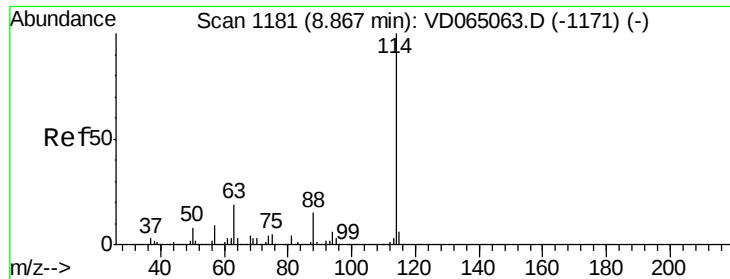
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Time-->

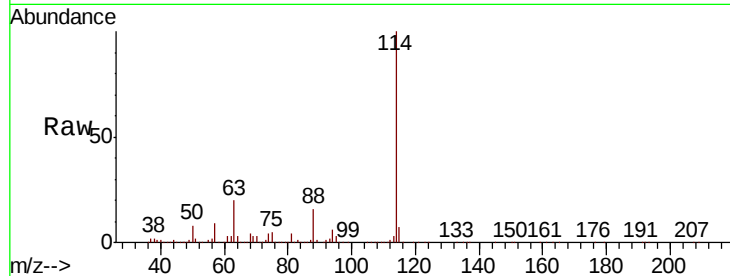




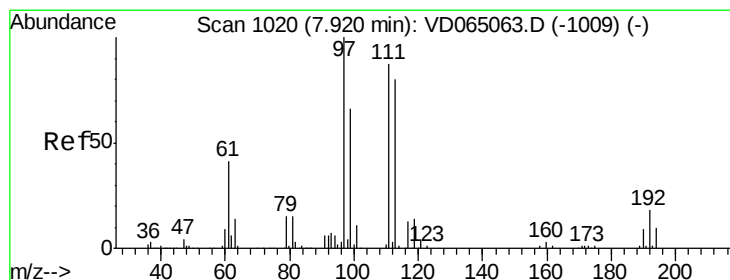
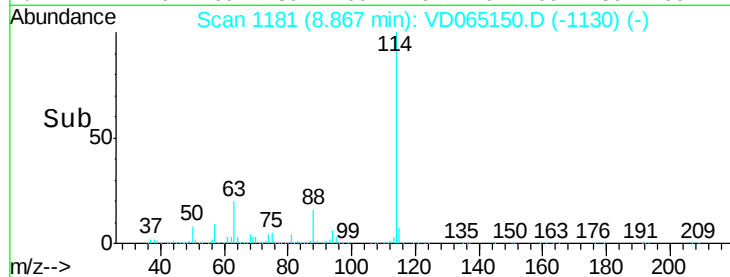
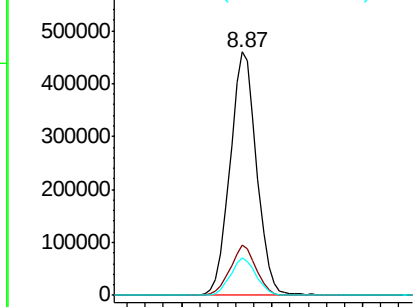
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065150.D
 Acq: 11 Feb 2020 18:03

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2A-(18.5-20.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.8
88	15.6	0.0	29.6

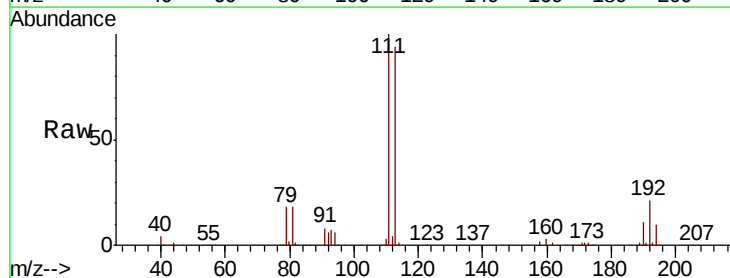


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

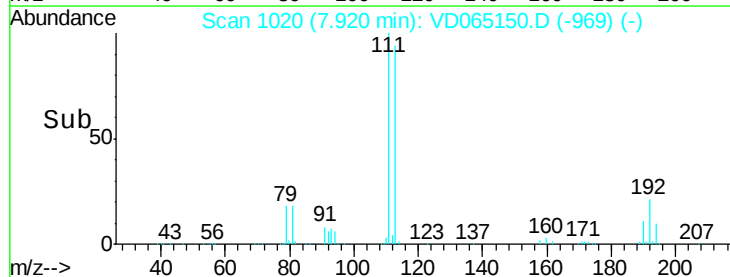
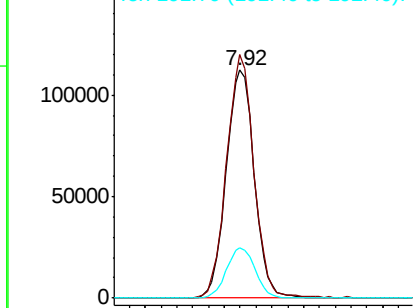


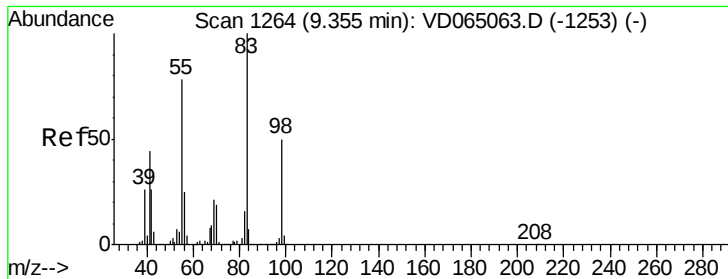
#35
 Dibromofluoromethane
 Concen: 52.785 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065150.D
 Acq: 11 Feb 2020 18:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	22.5	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

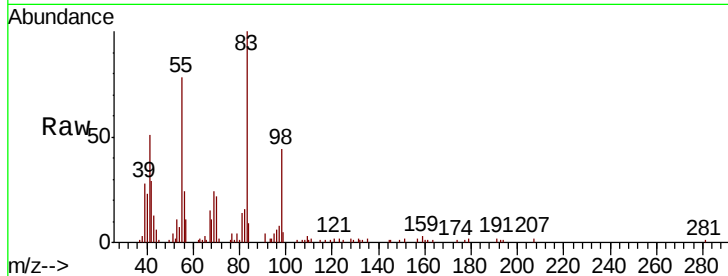




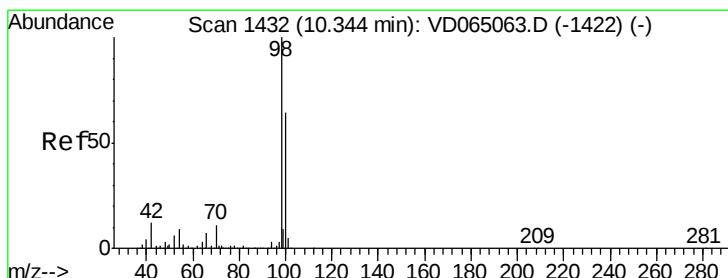
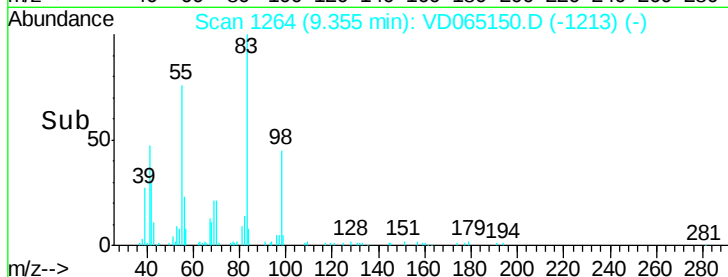
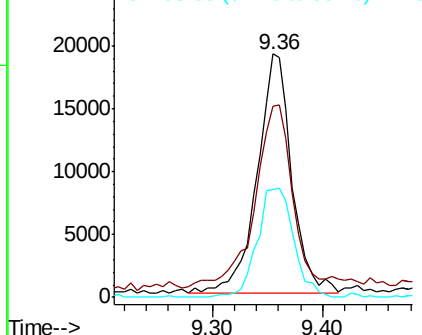
#39
Methvlcvclohexane
Concen: 3.845 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065150.D
Acq: 11 Feb 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :
SB-2A-(18.5-20.5)

Tot Ion: 83 Resp: 41379
Ion Ratio Lower Upper
83 100
55 75.6 62.0 93.0
98 45.0 39.9 59.9

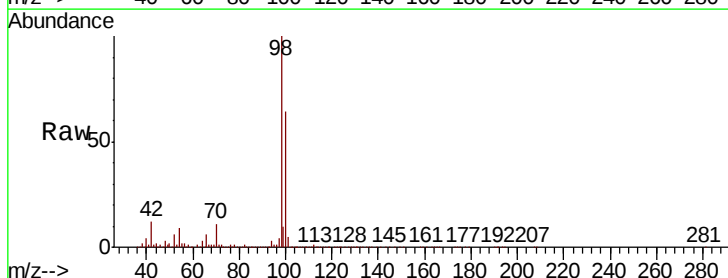


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

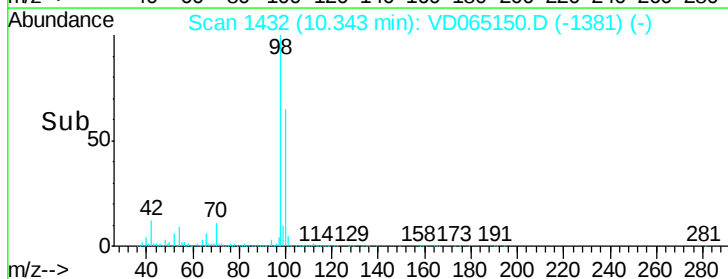
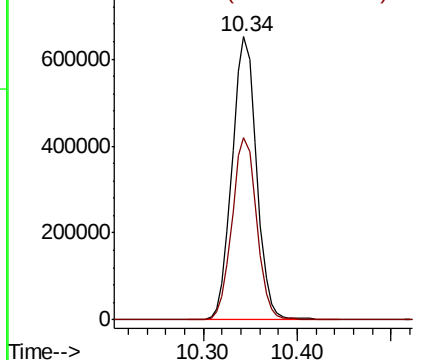


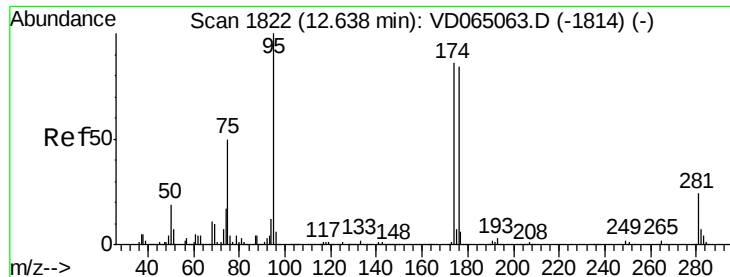
#50
Toluene-d8
Concen: 56.627 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065150.D
Acq: 11 Feb 2020 18:03

Tgt Ion: 98 Resp: 1179177
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

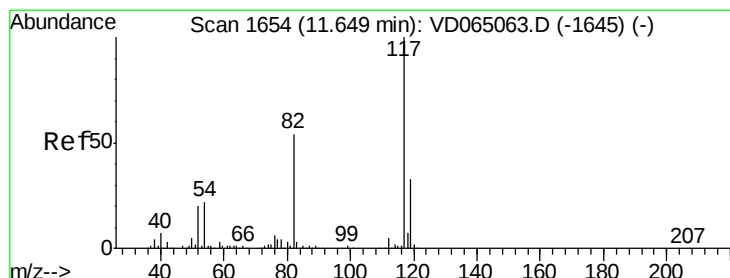
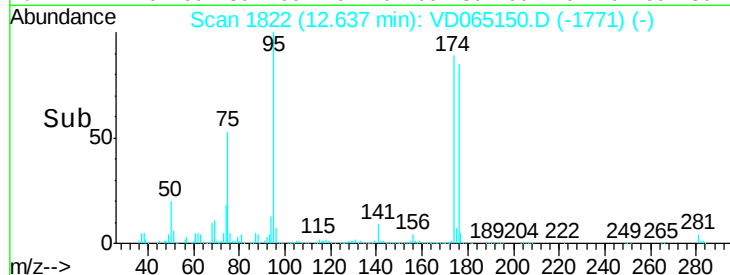
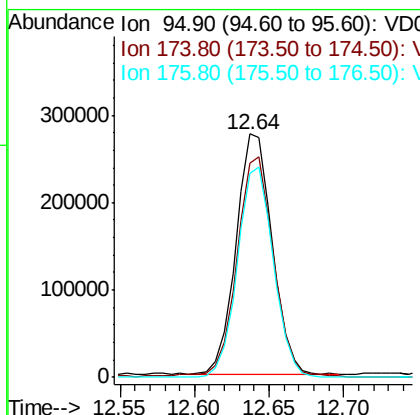
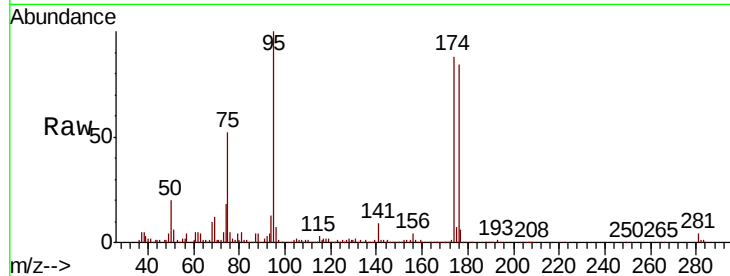




#62
4-Bromofluorobenzene
Concen: 70.175 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065150.D
Acq: 11 Feb 2020 18:03

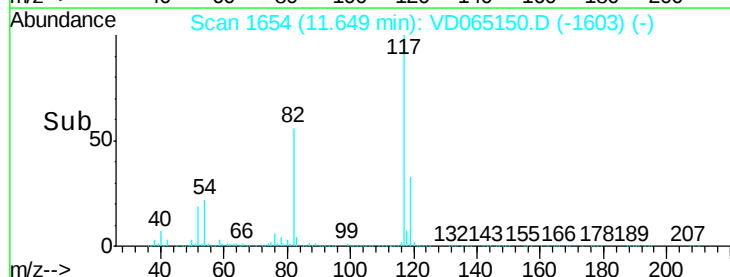
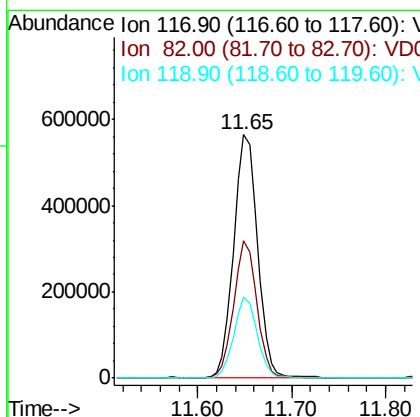
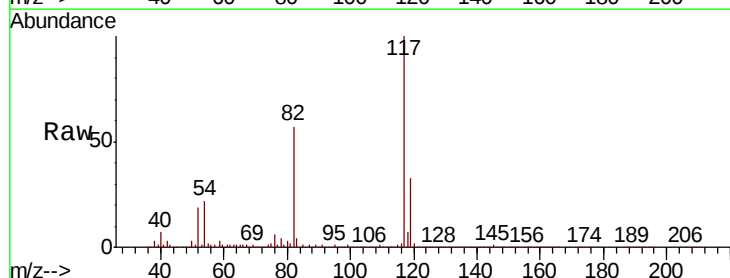
Instrument :
MSVOA_D
ClientSampleId :
SB-2A-(18.5-20.5)

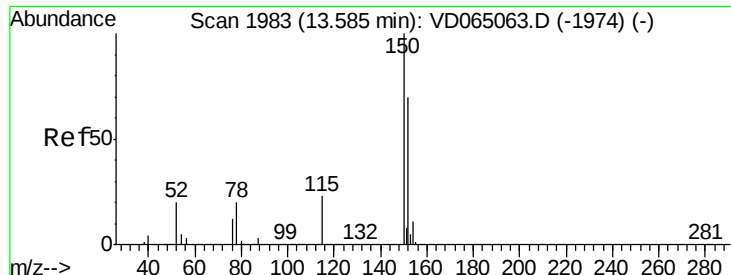
Tot Ion: 95 Resp: 463029
Ion Ratio Lower Upper
95 100
174 93.1 0.0 180.0
176 86.8 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065150.D
Acq: 11 Feb 2020 18:03

Tgt Ion: 117 Resp: 994218
Ion Ratio Lower Upper
117 100
82 56.2 43.1 64.7
119 33.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065150.D

Acq: 11 Feb 2020 18:03

Instrument :

MSVOA_D

ClientSampleId :

SB-2A-(18.5-20.5)

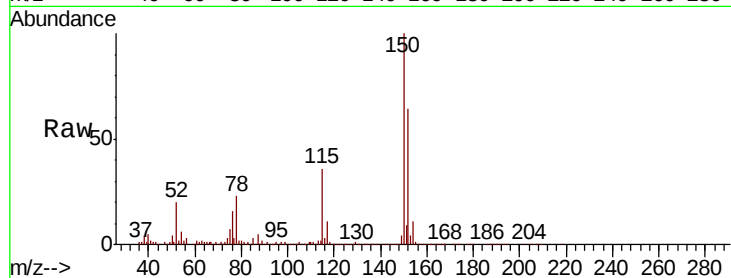
Tot Ion:152 Resp: 507381

Ion Ratio Lower Upper

152 100

115 57.1 27.5 82.4

150 156.4 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

