

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021120\
 Data File : VD065153.D
 Acq On : 11 Feb 2020 19:30
 Operator : VA/SY
 Sample : L1491-08
 Misc : 6.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2I-(13.5-15.5)

Quant Time: Feb 12 07:36:39 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

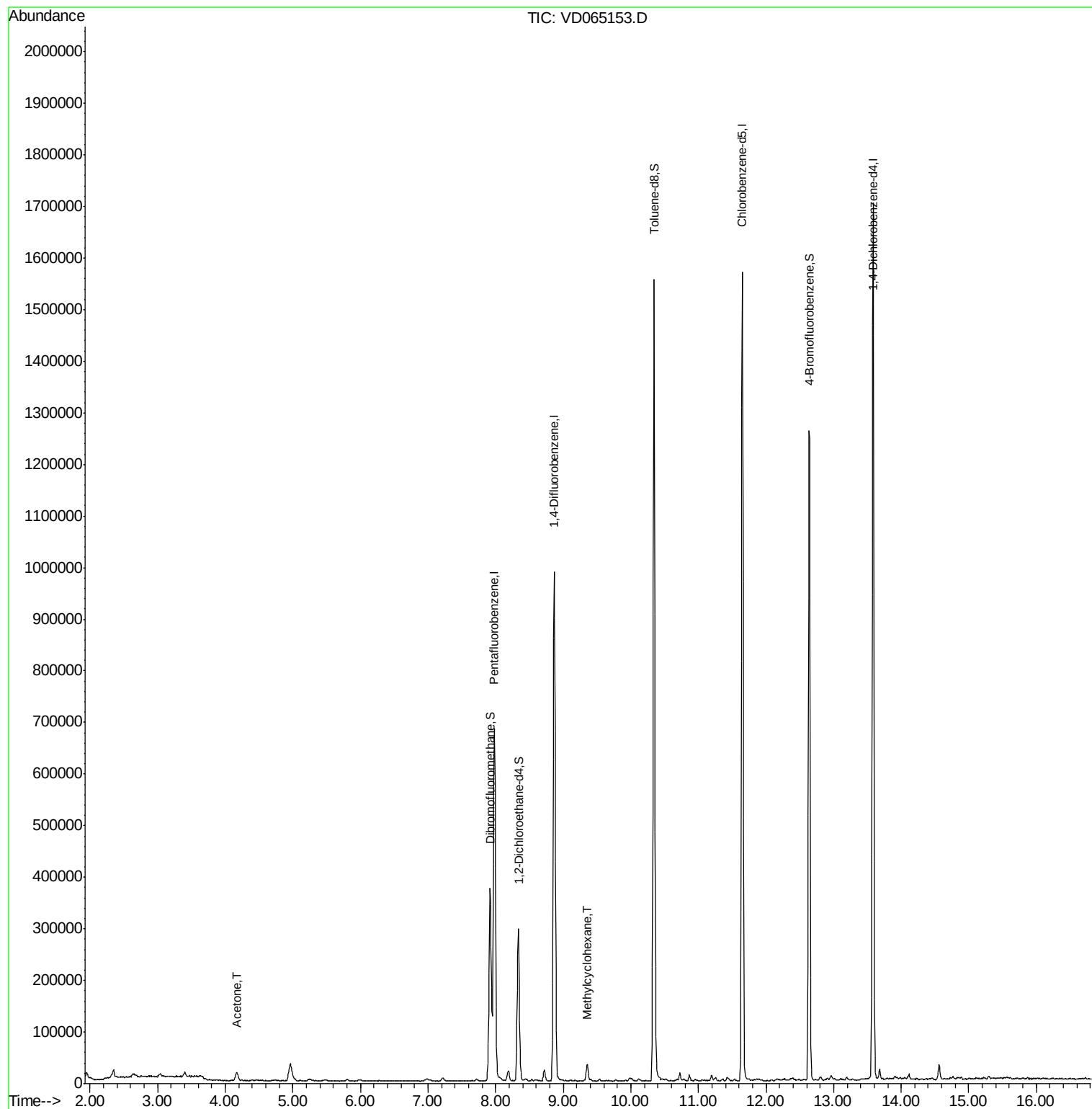
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	526250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	851224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	892918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	452042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	239027	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
35) Dibromofluoromethane	7.92	113	259121	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
50) Toluene-d8	10.34	98	1043146	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
62) 4-Bromofluorobenzene	12.64	95	401268	66.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.98%	
Target Compounds						
16) Acetone	4.17	43	27975	25.017	ug/l	97
39) Methylcyclohexane	9.36	83	11543	1.181	ug/l	100

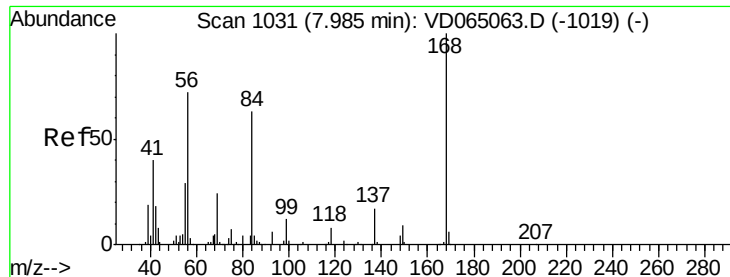
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021120\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065153.D

Acq: 11 Feb 2020 19:30

Instrument :

MSVOA_D

ClientSampleId :

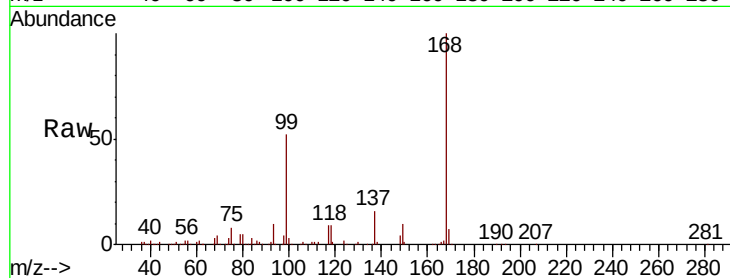
SB-2I-(13.5-15.5)

Tot Ion:168 Resp: 526250

Ion Ratio Lower Upper

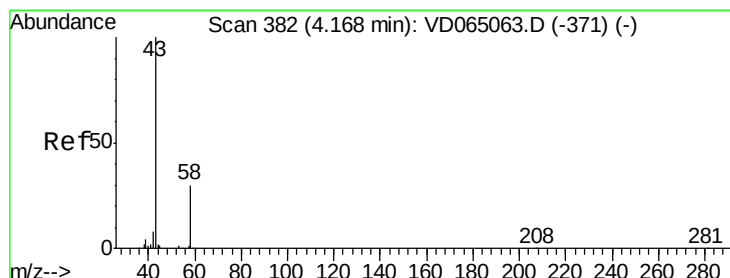
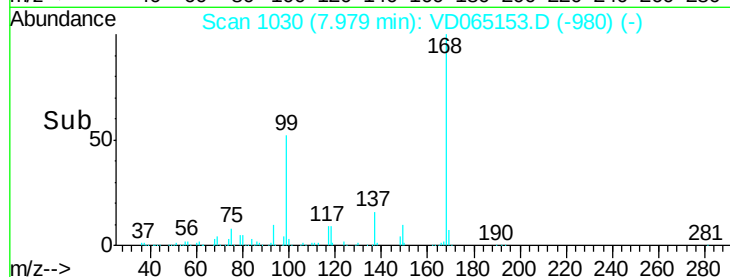
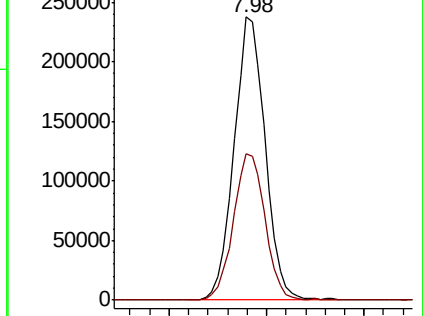
168 100

99 51.9 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 25.017 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065153.D

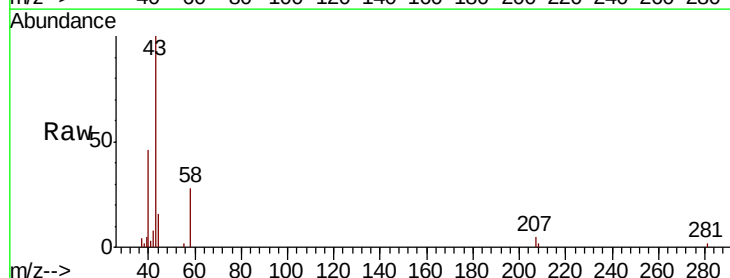
Acq: 11 Feb 2020 19:30

Tgt Ion: 43 Resp: 27975

Ion Ratio Lower Upper

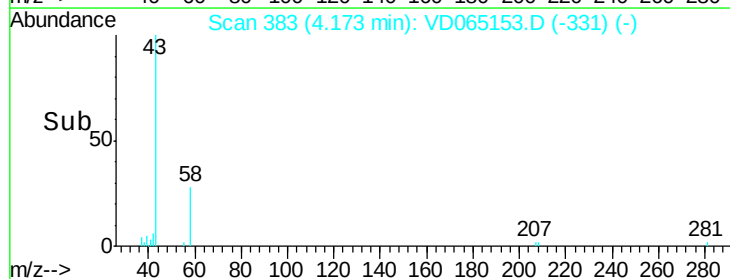
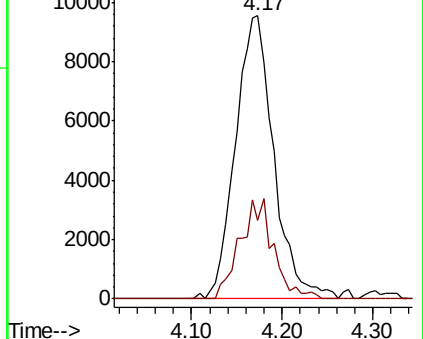
43 100

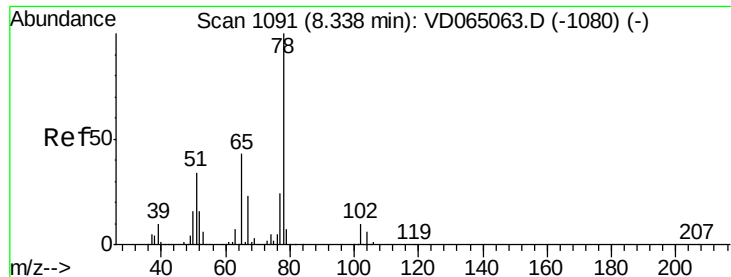
58 27.7 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

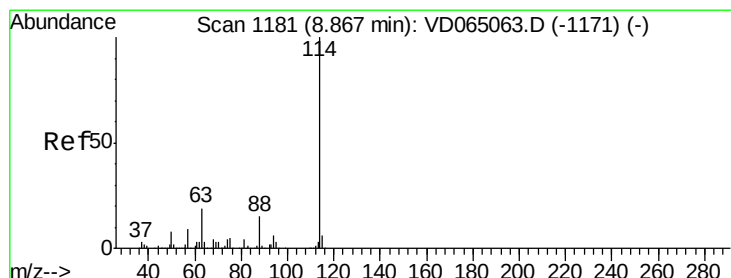
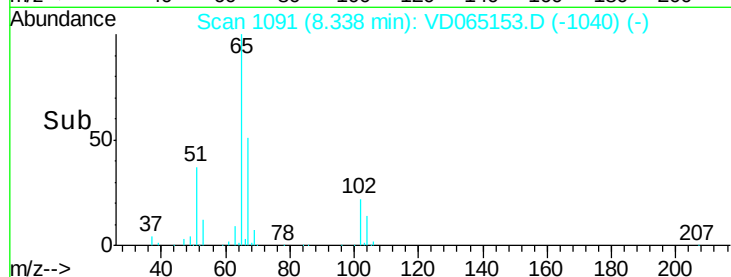
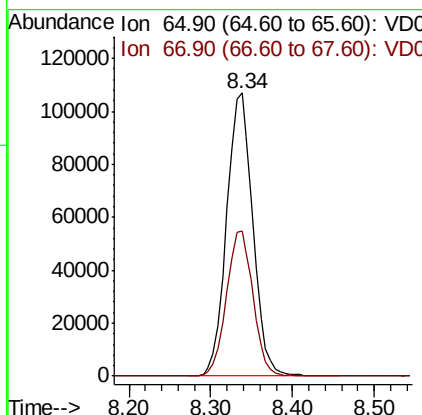
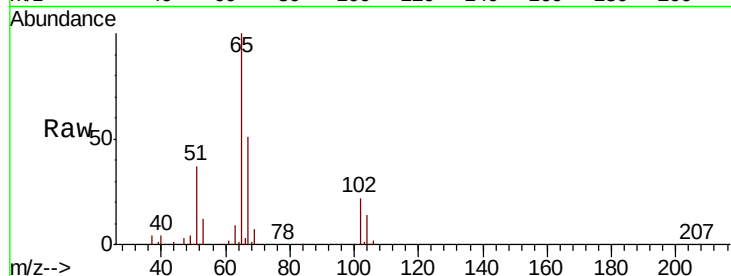




#33
 1,2-Dichloroethane-d4
 Concen: 53.442 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065153.D
 Acq: 11 Feb 2020 19:30

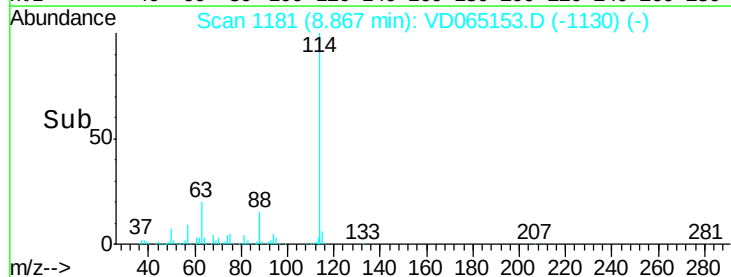
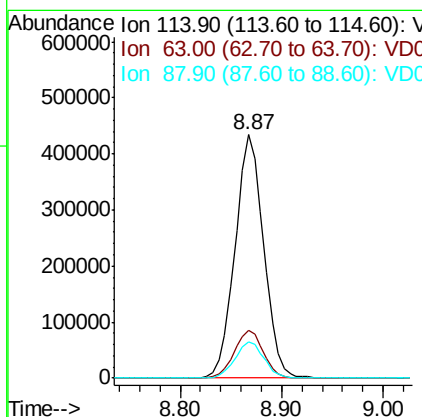
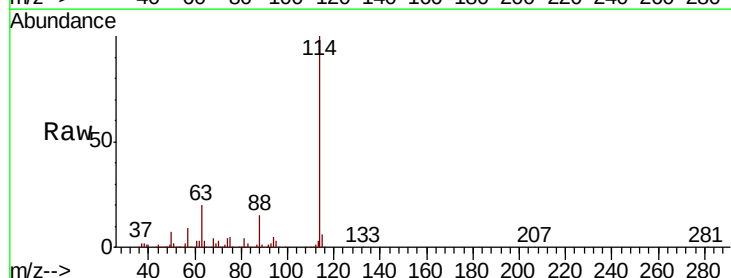
Instrument :
 MSVOA_D
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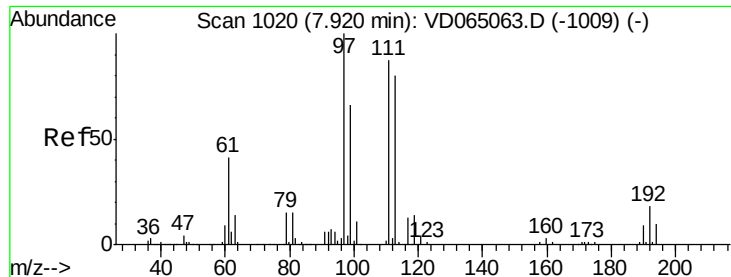
Tot Ion: 65 Resp: 239027
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065153.D
 Acq: 11 Feb 2020 19:30

Tgt Ion: 114 Resp: 851224
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 14.8 0.0 29.6

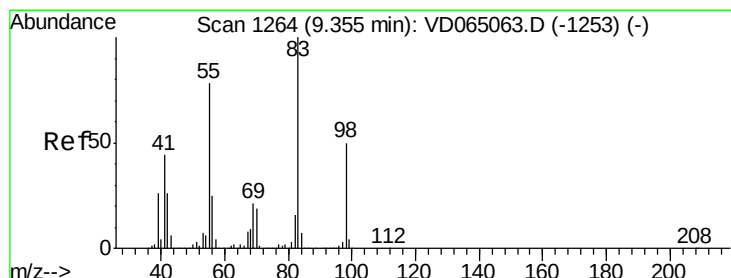
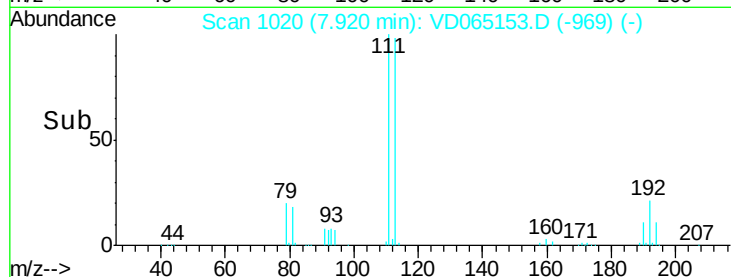
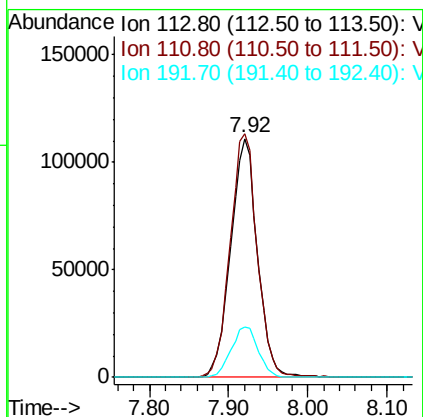
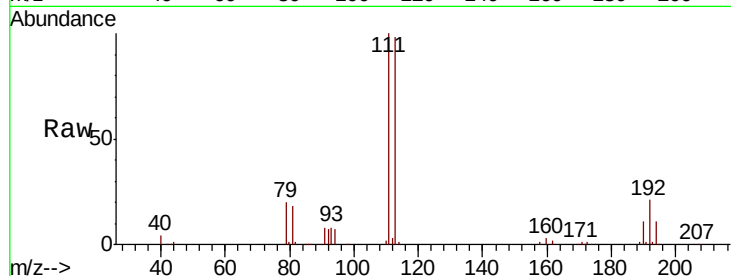




#35
 Dibromofluoromethane
 Concen: 54.560 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065153.D
 Acq: 11 Feb 2020 19:30

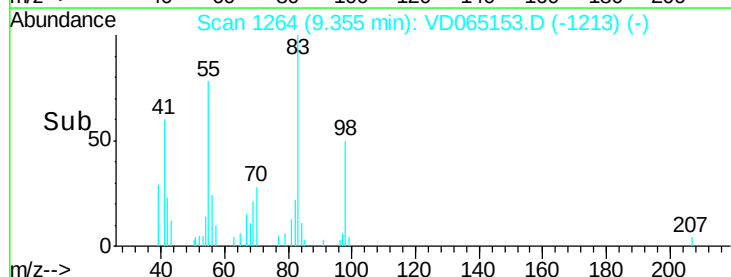
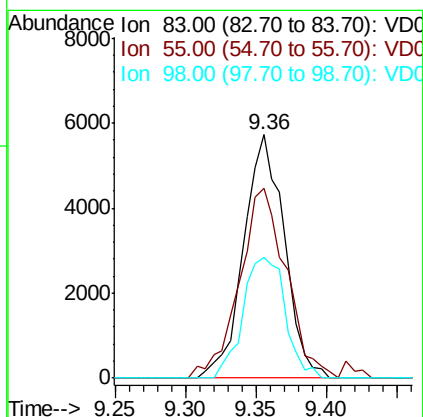
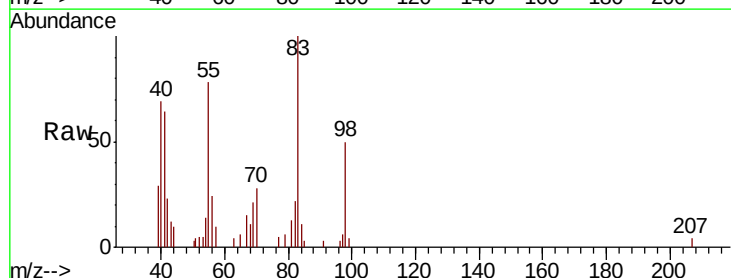
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2I-(13.5-15.5)

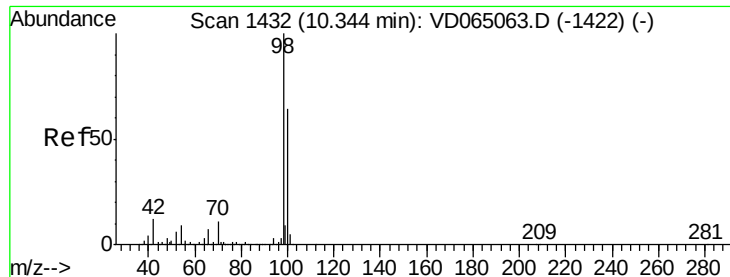
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.1	124.7
192	21.5	18.1	27.1



#39
 Methylcyclohexane
 Concen: 1.181 ug/l
 RT: 9.36 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VD065153.D
 Acq: 11 Feb 2020 19:30

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.1	62.0	93.0
98	49.8	39.9	59.9





#50

Toluene-d8

Concen: 55.182 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065153.D

Acq: 11 Feb 2020 19:30

Instrument :

MSVOA_D

ClientSampleId :

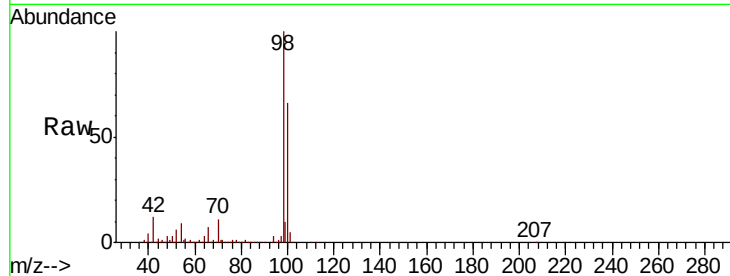
SB-2I-(13.5-15.5)

Tot Ion: 98 Resp: 1043146

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

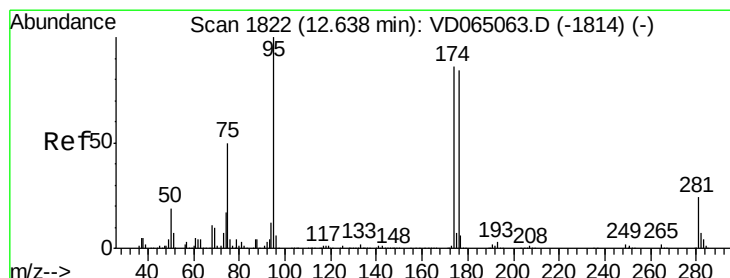
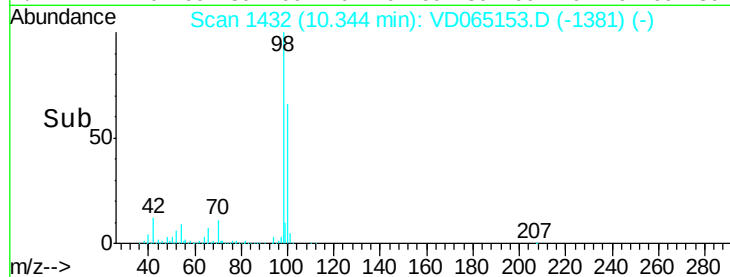
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 66.991 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065153.D

Acq: 11 Feb 2020 19:30

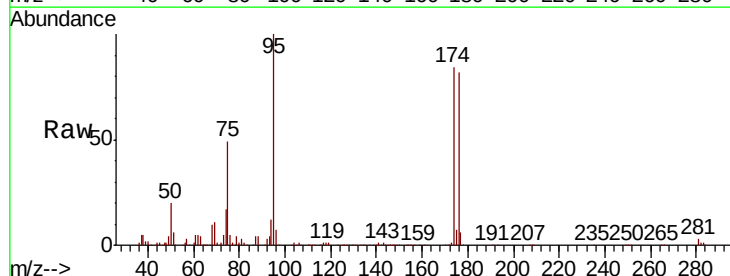
Tgt Ion: 95 Resp: 401268

Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.0

176 86.3 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

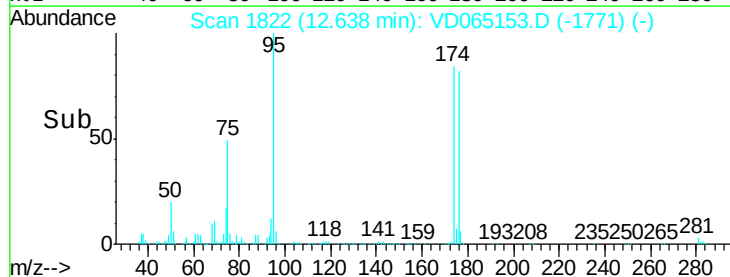
300000

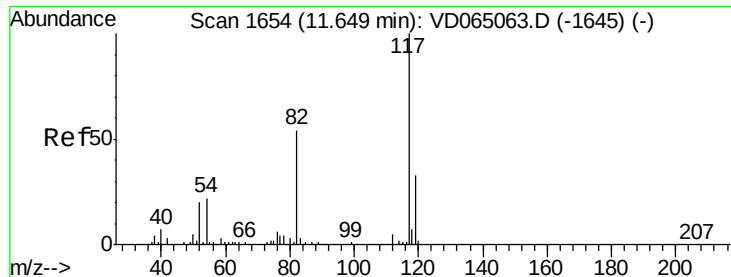
200000

100000

0

Time--> 12.60 12.70

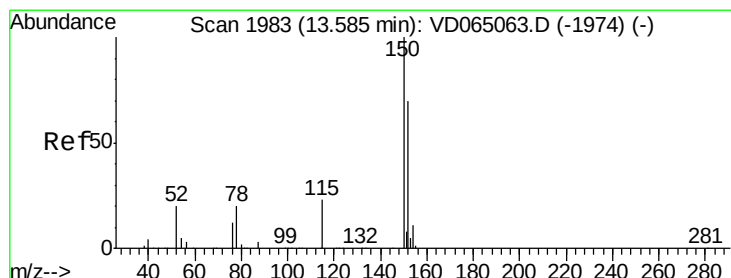
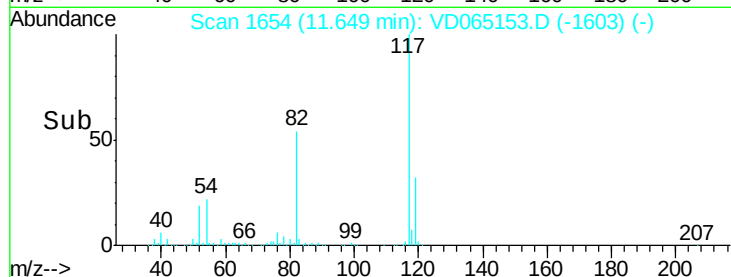
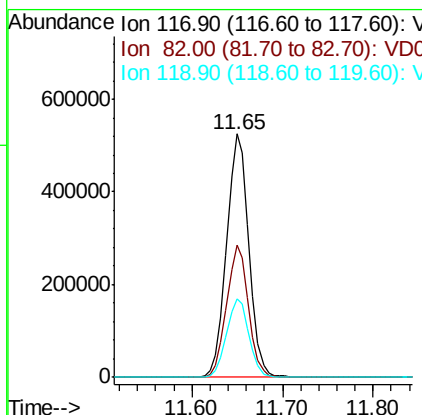
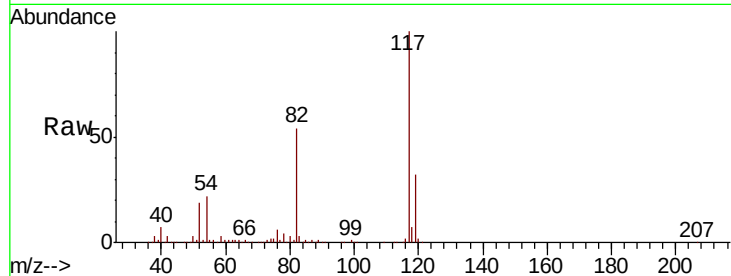




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065153.D
Acq: 11 Feb 2020 19:30

Instrument :
MSVOA_D
ClientSampleId :
SB-2I-(13.5-15.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.1	64.7
119	32.0	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: VD065153.D
Acq: 11 Feb 2020 19:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.5	82.4
150	157.6	0.0	343.2

