

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021120\
 Data File : VD065151.D
 Acq On : 11 Feb 2020 18:32
 Operator : VA/SY
 Sample : L1491-06
 Misc : 7.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 12 07:32:02 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

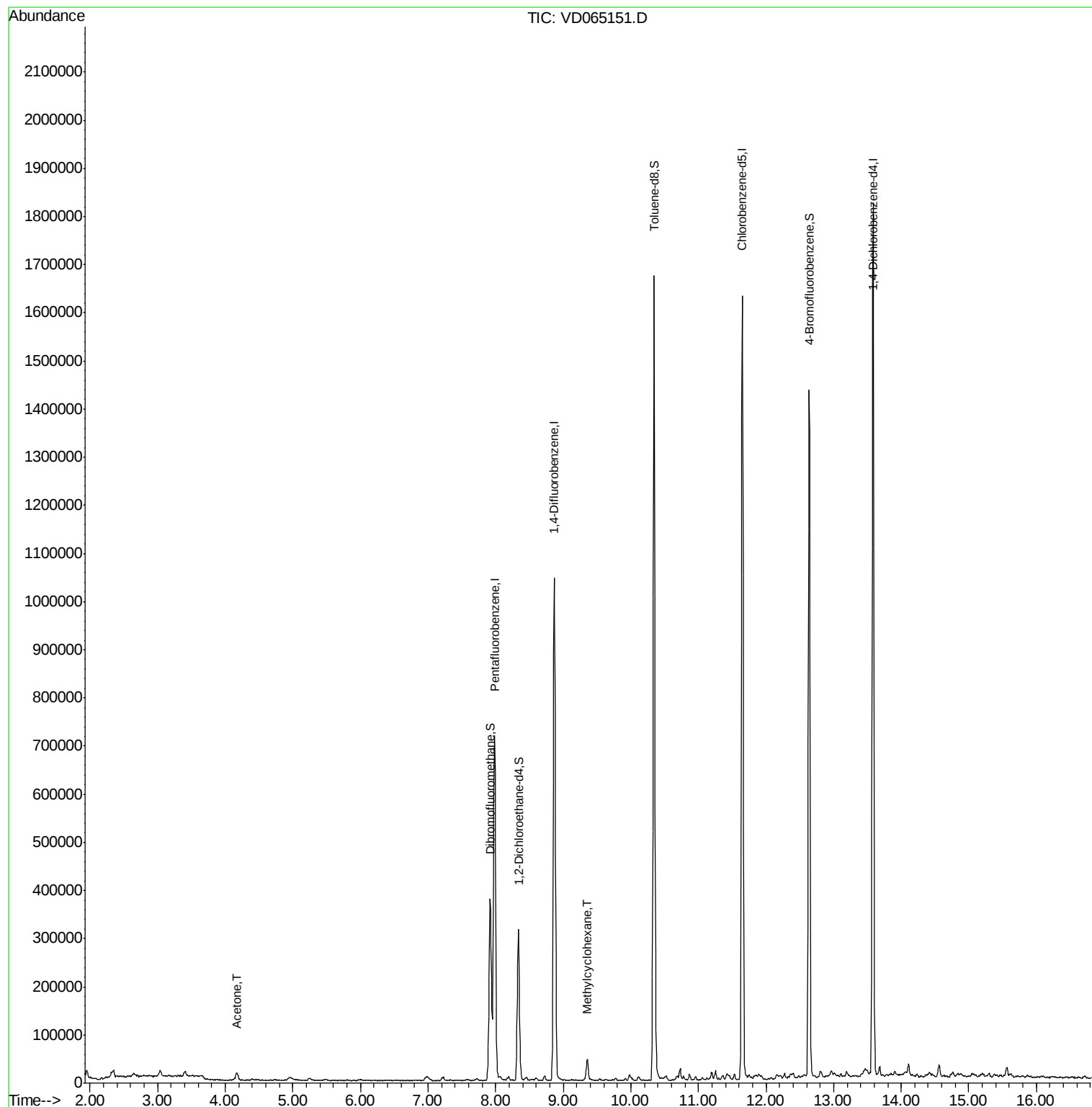
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	571563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	899111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	957971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	488546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	251509	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	7.92	113	274107	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
50) Toluene-d8	10.34	98	1120803	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
62) 4-Bromofluorobenzene	12.64	95	435965	68.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.82%	
Target Compounds						
16) Acetone	4.17	43	26768	22.040	ug/l	96
39) Methylcyclohexane	9.36	83	17394	1.686	ug/l	98

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

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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# 1031

Delta R.T. 0.00 min

Lab File: VD065151.D

Acq: 11 Feb 2020 18:32

Instrument :

MSVOA_D

ClientSampleId :

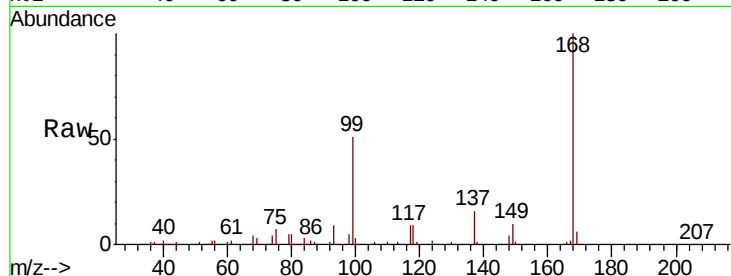
SB-2H-(13.5-15.5)

Tot Ion:168 Resp: 571563

Ion Ratio Lower Upper

168 100

99 51.3 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

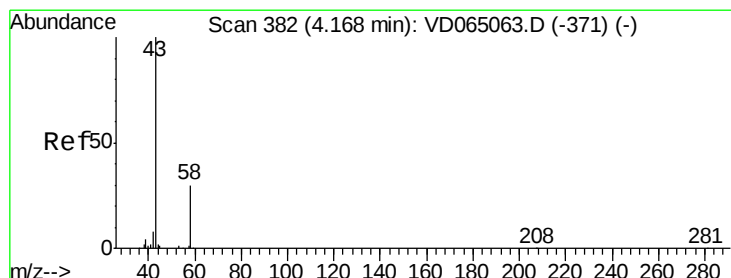
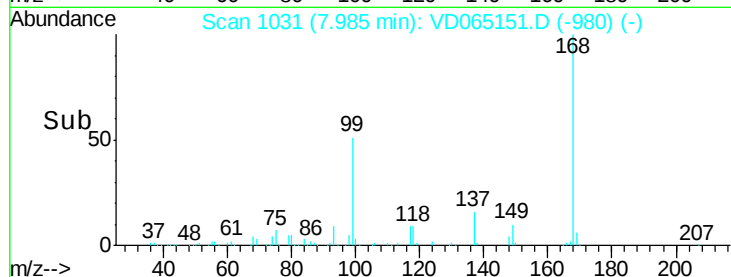
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.040 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065151.D

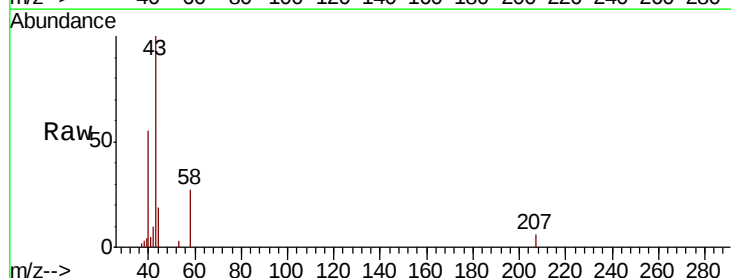
Acq: 11 Feb 2020 18:32

Tgt Ion: 43 Resp: 26768

Ion Ratio Lower Upper

43 100

58 27.3 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

10000

8000

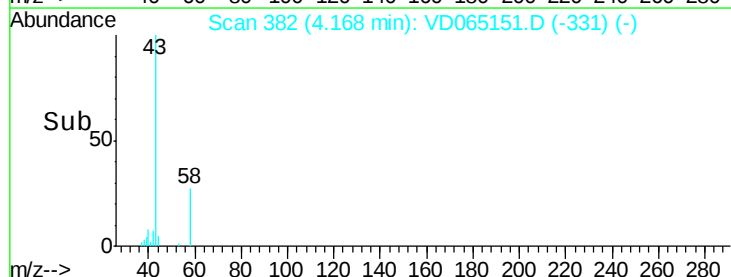
6000

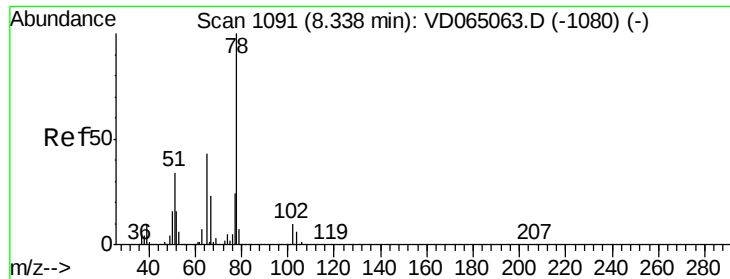
4000

2000

0

Time-->

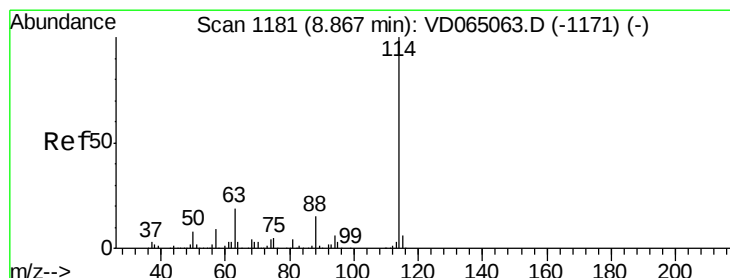
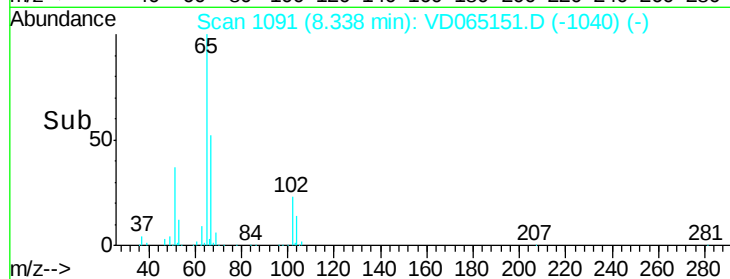
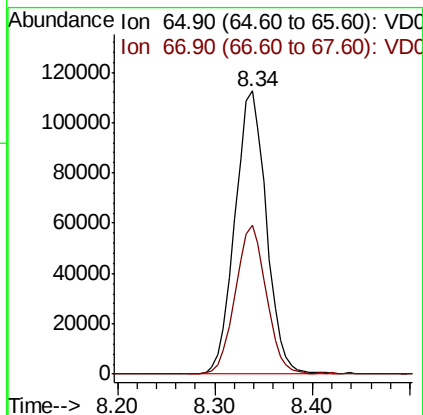
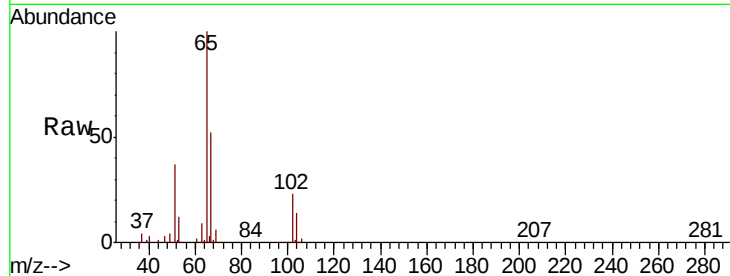




#33
 1,2-Dichloroethane-d4
 Concen: 51.774 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065151.D
 Acq: 11 Feb 2020 18:32

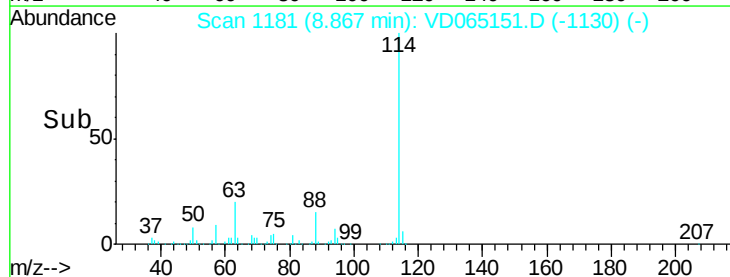
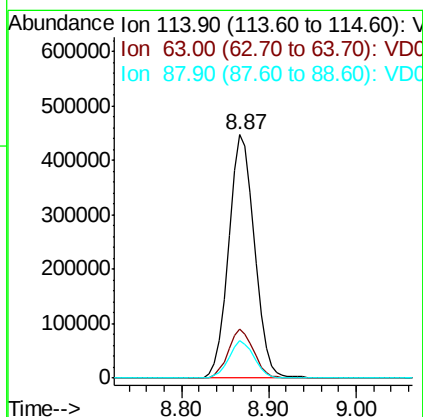
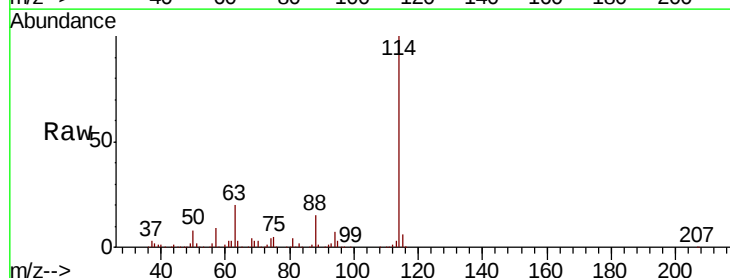
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2H-(13.5-15.5)

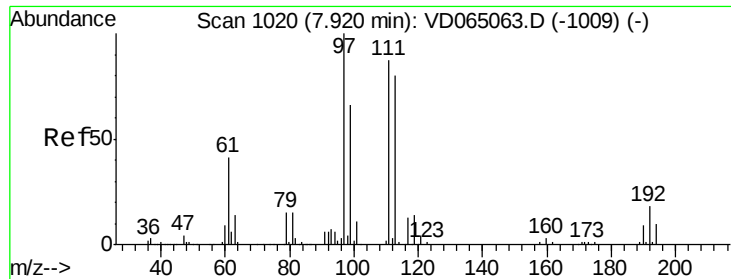
Tot Ion: 65 Resp: 251509
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065151.D
 Acq: 11 Feb 2020 18:32

Tgt Ion: 114 Resp: 899111
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.8
 88 15.3 0.0 29.6

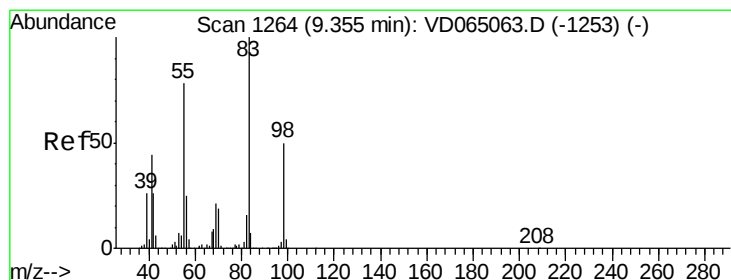
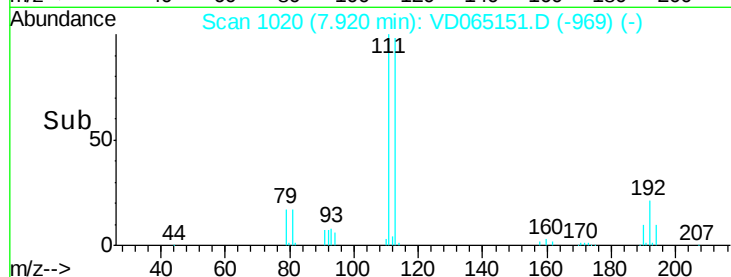
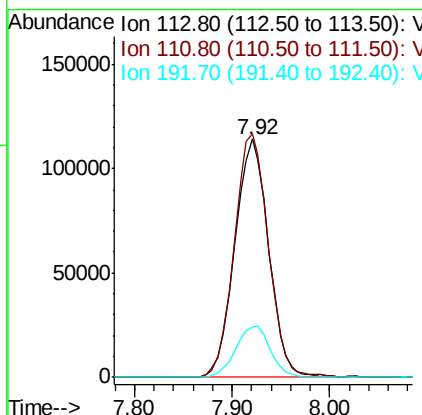
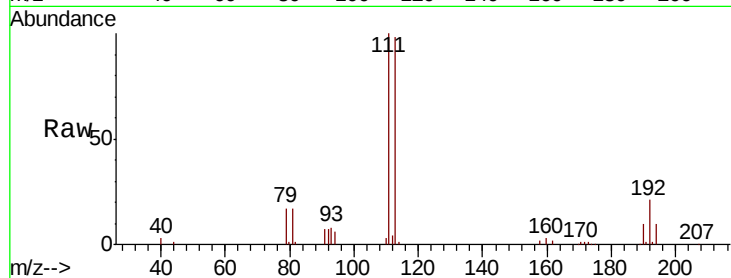




#35
Dibromofluoromethane
Concen: 54.641 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065151.D
Acq: 11 Feb 2020 18:32

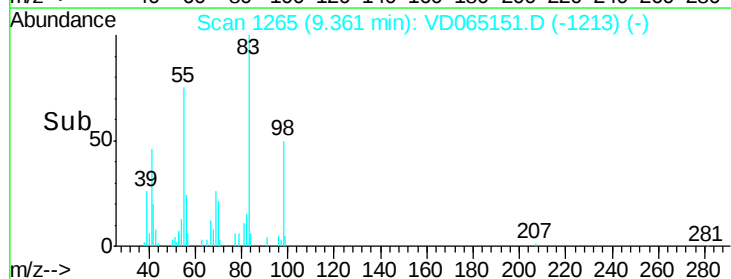
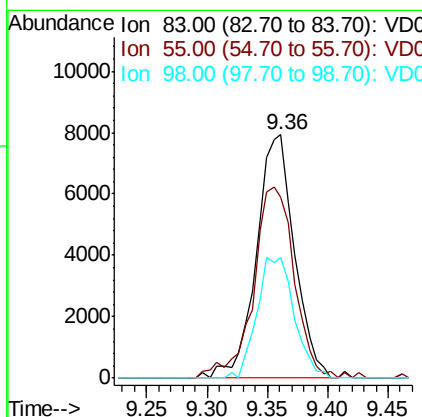
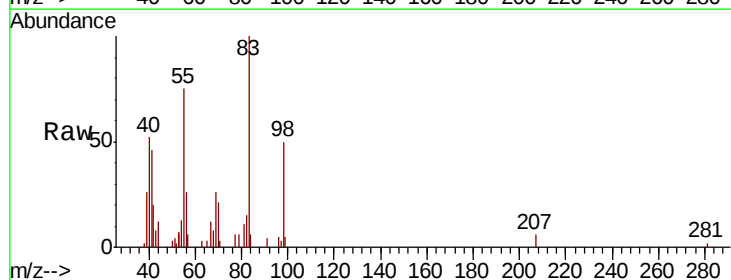
Instrument :
MSVOA_D
ClientSampleId :
SB-2H-(13.5-15.5)

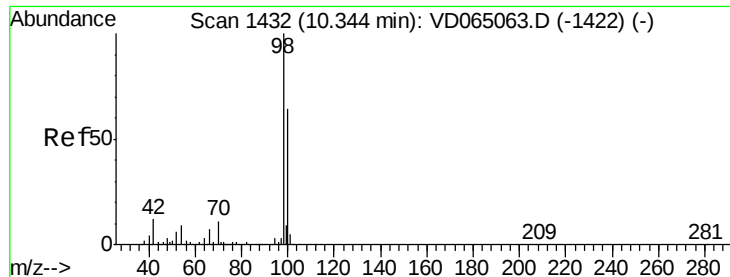
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.1	124.7
192	21.9	18.1	27.1



#39
Methylcyclohexane
Concen: 1.686 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065151.D
Acq: 11 Feb 2020 18:32

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.5	62.0	93.0
98	49.7	39.9	59.9





#50

Toluene-d8

Concen: 56.133 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065151.D

Acq: 11 Feb 2020 18:32

Instrument :

MSVOA_D

ClientSampleId :

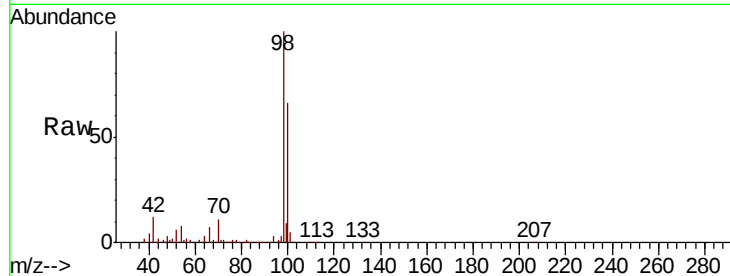
SB-2H-(13.5-15.5)

Tot Ion: 98 Resp: 1120803

Ion Ratio Lower Upper

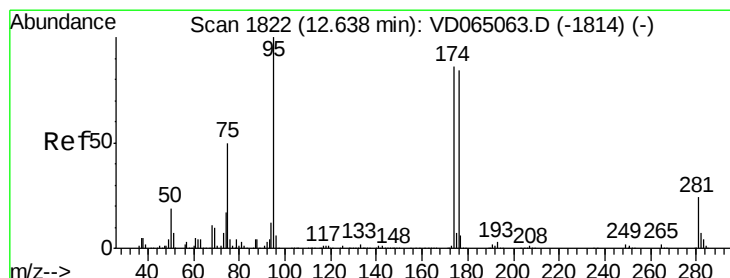
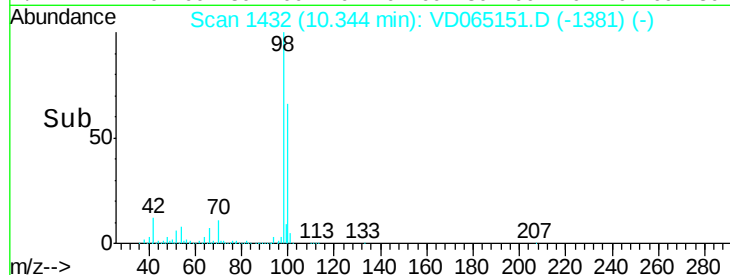
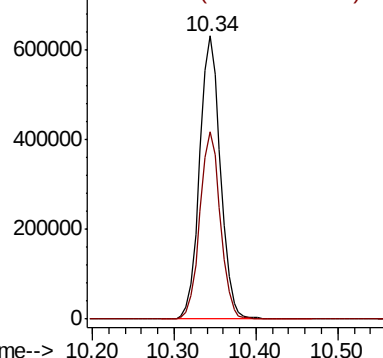
98 100

100 65.4 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: 68.907 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065151.D

Acq: 11 Feb 2020 18:32

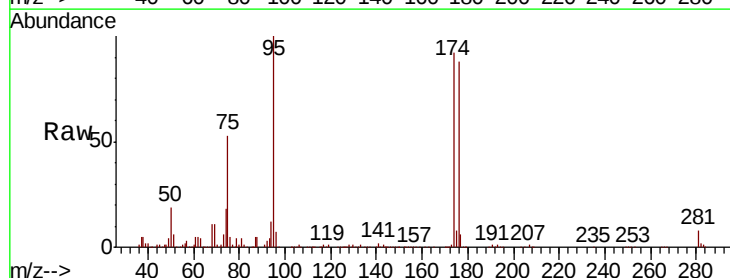
Tgt Ion: 95 Resp: 435965

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.0

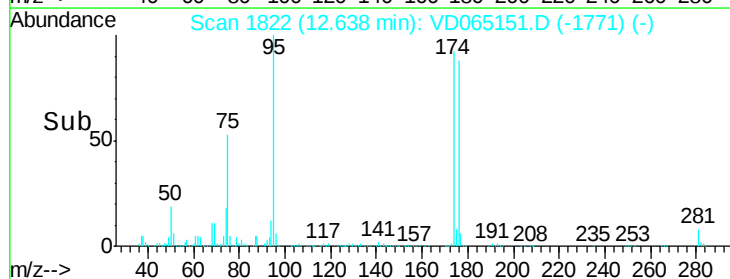
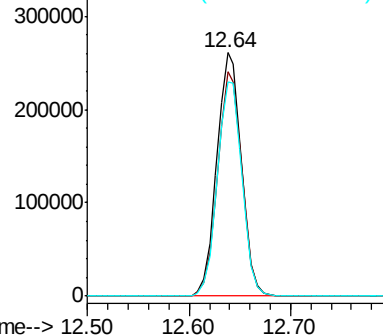
176 88.5 0.0 173.2

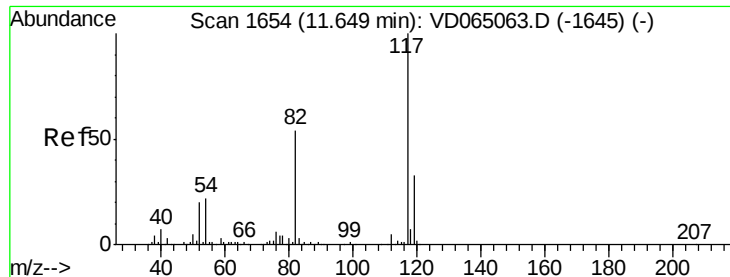


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

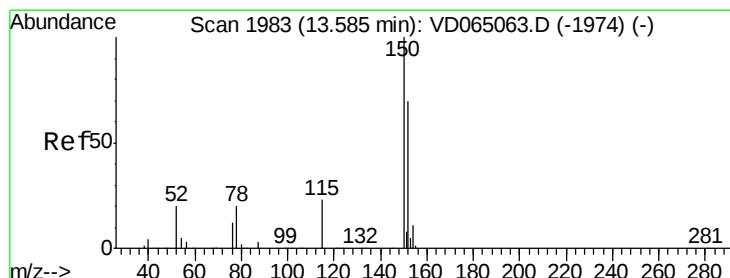
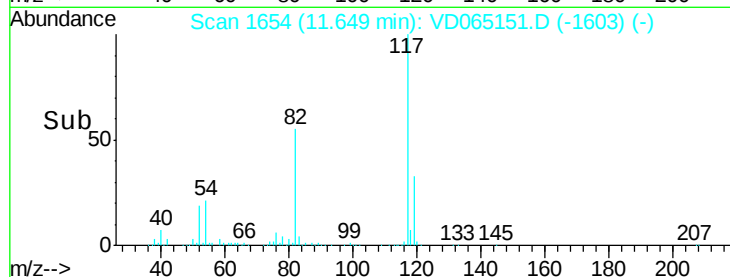
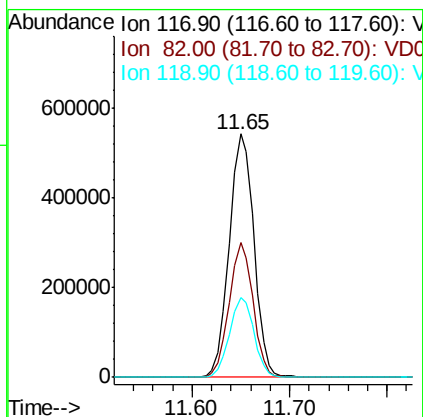
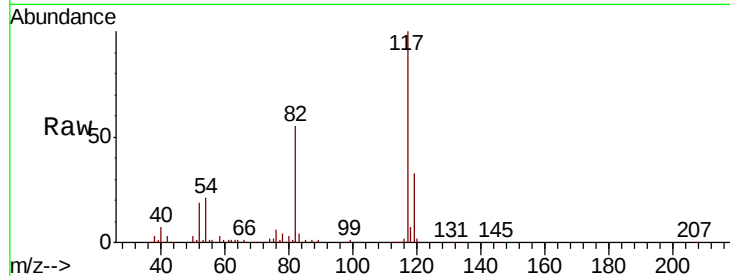




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065151.D
Acq: 11 Feb 2020 18:32

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

Tot Ion:117 Resp: 957971
Ion Ratio Lower Upper
117 100
82 55.5 43.1 64.7
119 32.8 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: VD065151.D
Acq: 11 Feb 2020 18:32

Tgt Ion:152 Resp: 488546
Ion Ratio Lower Upper
152 100
115 56.3 27.5 82.4
150 158.2 0.0 343.2

