

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065161.D
 Acq On : 12 Feb 2020 12:27
 Operator : VA/SY
 Sample : L1491-03
 Misc : 6.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 13 06:52:01 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	482324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	791411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	831234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	418061	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	223777	54.59	ug/l	0.00
Spiked Amount			Recovery	=	109.18%	
35) Dibromofluoromethane	7.92	113	247057	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
50) Toluene-d8	10.34	98	974891	55.47	ug/l	0.00
Spiked Amount			Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.64	95	365220	65.58	ug/l	0.00
Spiked Amount			Recovery	=	131.16%	

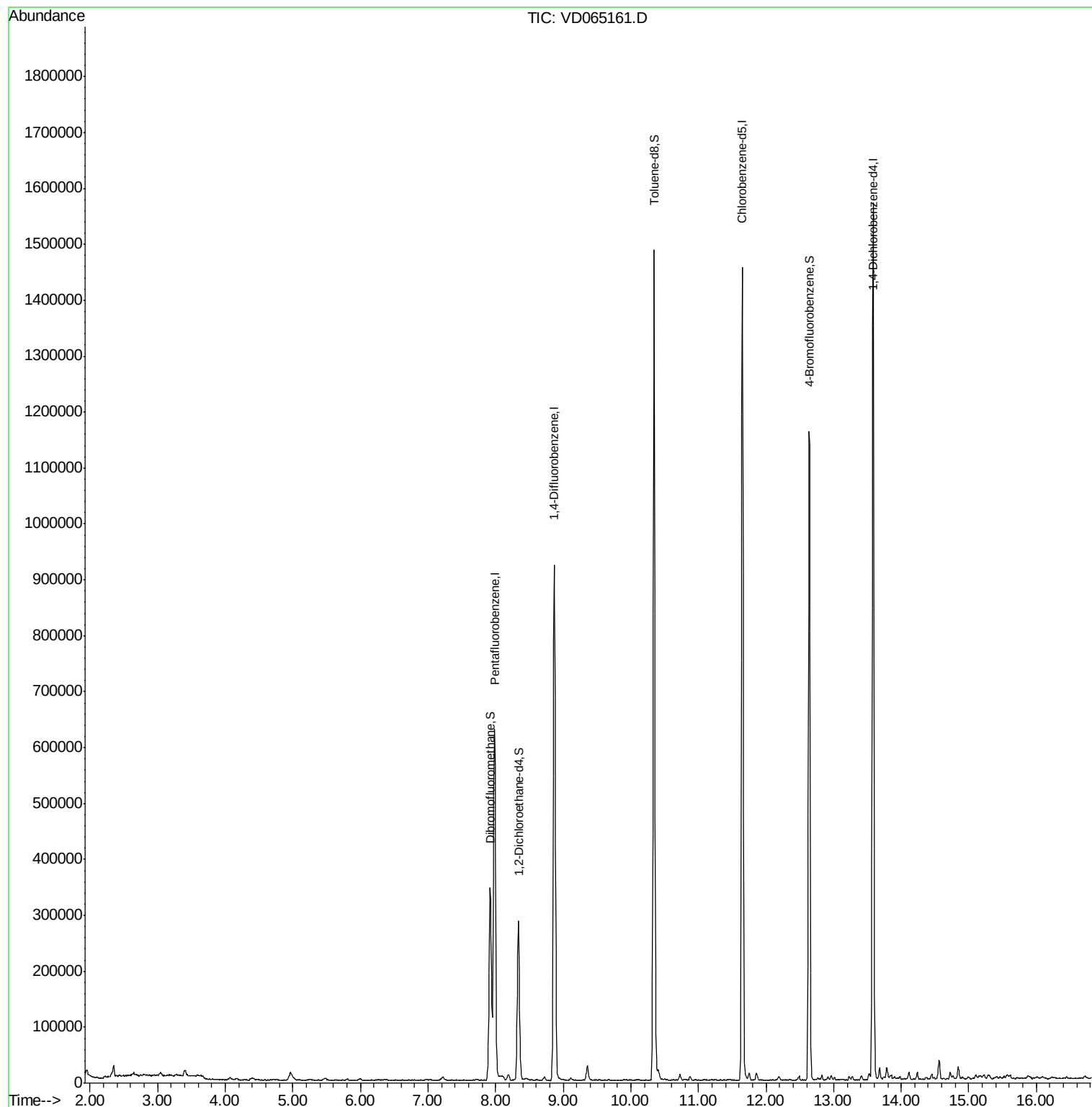
Target Compounds	Qvalue
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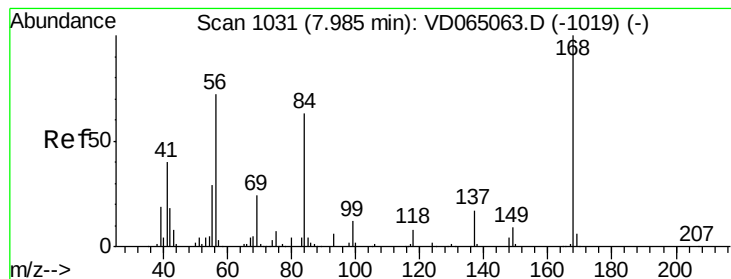
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
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: VD065161.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

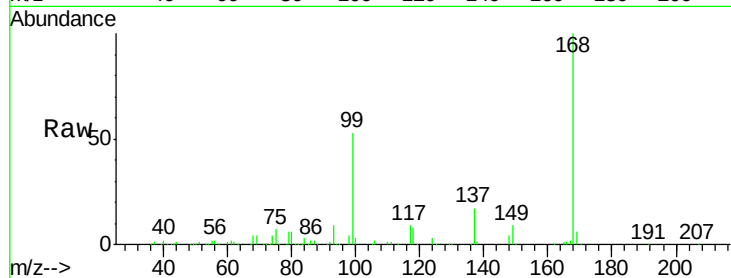
SB-1E-(13.5-15.5)

Tot Ion:168 Resp: 482324

Ion Ratio Lower Upper

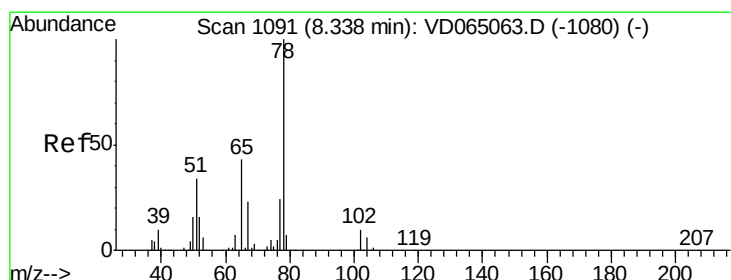
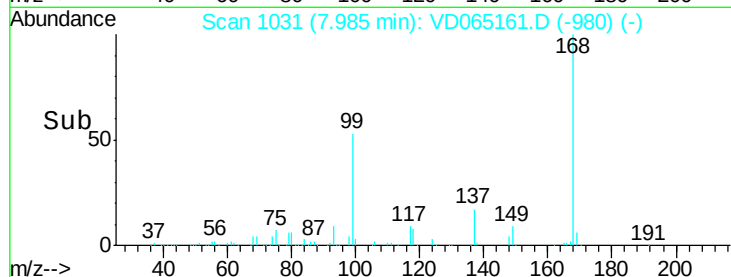
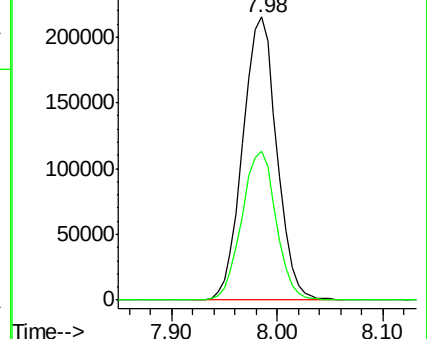
168 100

99 52.6 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: 54.589 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065161.D

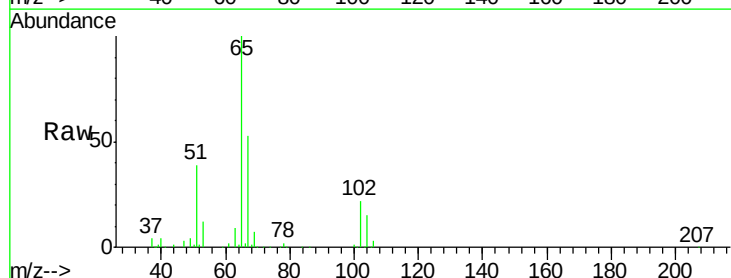
Acq: 12 Feb 2020 12:27

Tgt Ion: 65 Resp: 223777

Ion Ratio Lower Upper

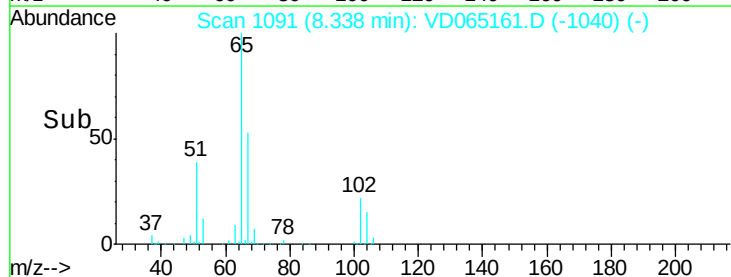
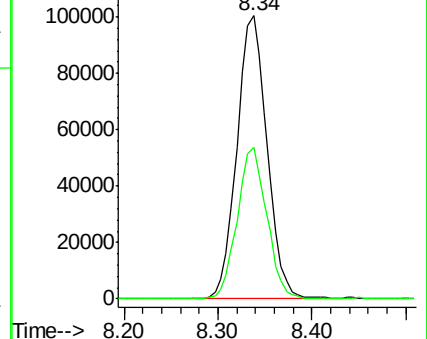
65 100

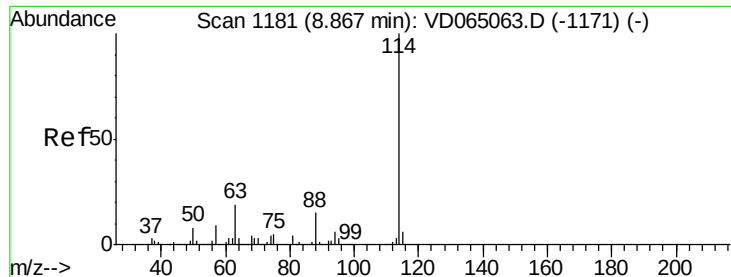
67 52.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

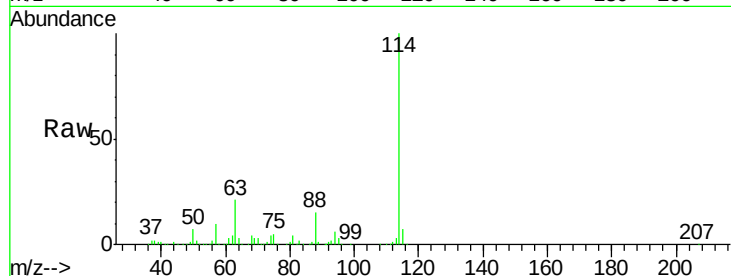




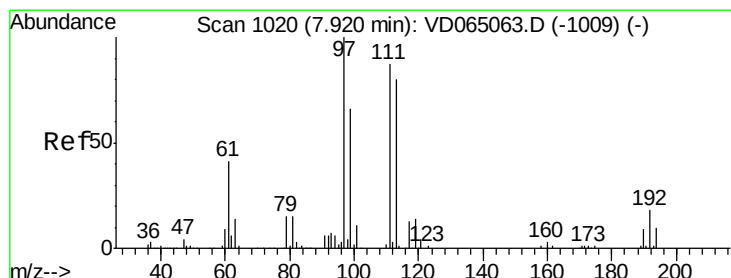
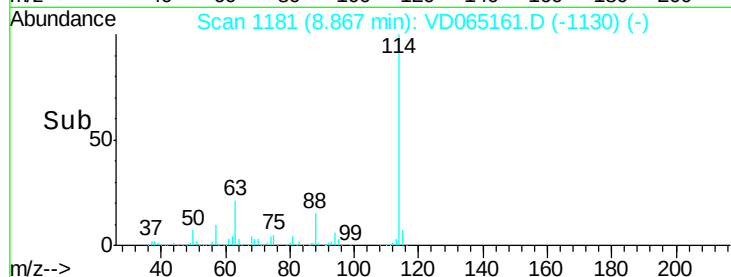
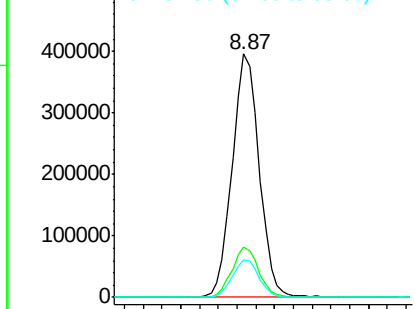
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065161.D
 Acq: 12 Feb 2020 12:27

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.8
88	15.3	0.0	29.6

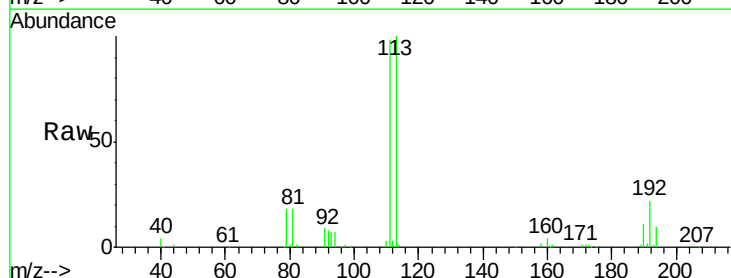


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

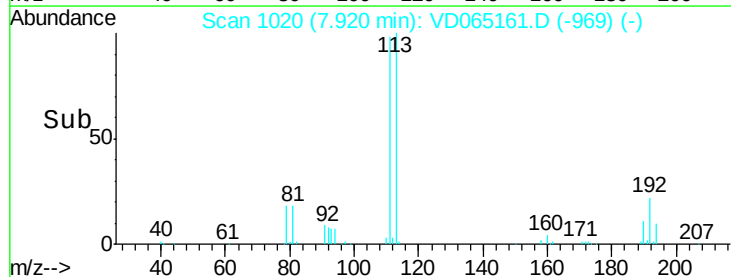
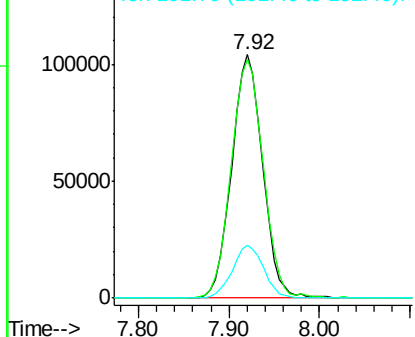


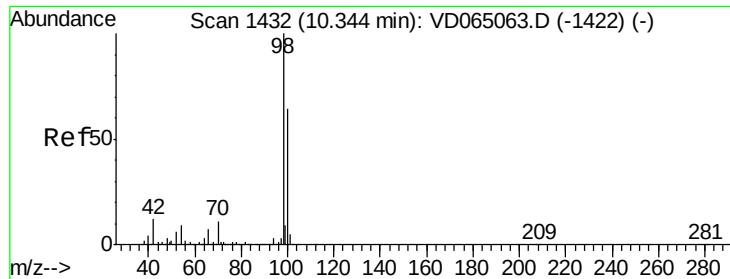
#35
 Dibromofluoromethane
 Concen: 55.951 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065161.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.1	124.7
192	21.7	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: 55.469 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065161.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_D

ClientSampleId :

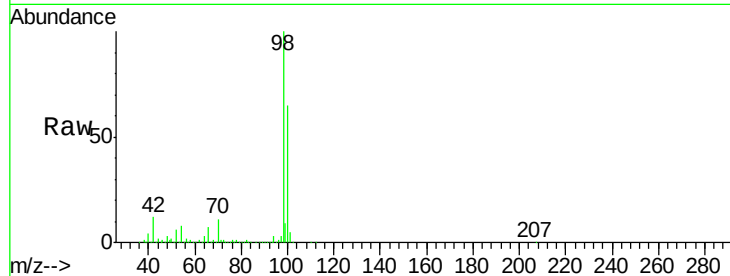
SB-1E-(13.5-15.5)

Tot Ion: 98 Resp: 974891

Ion Ratio Lower Upper

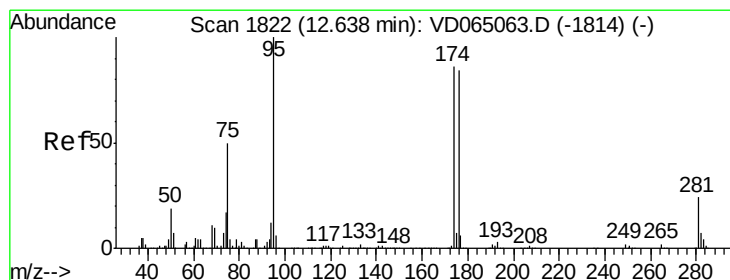
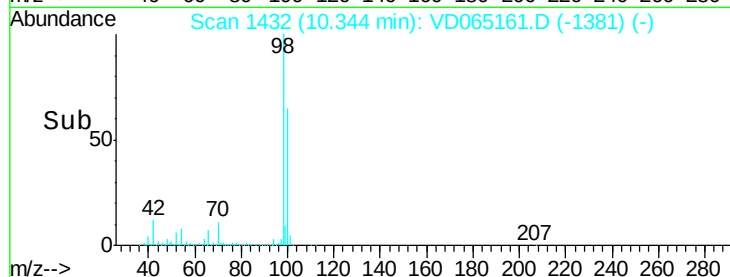
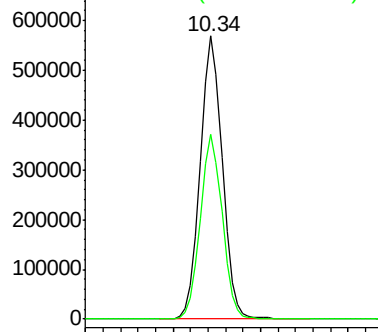
98 100

100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 65.581 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065161.D

Acq: 12 Feb 2020 12:27

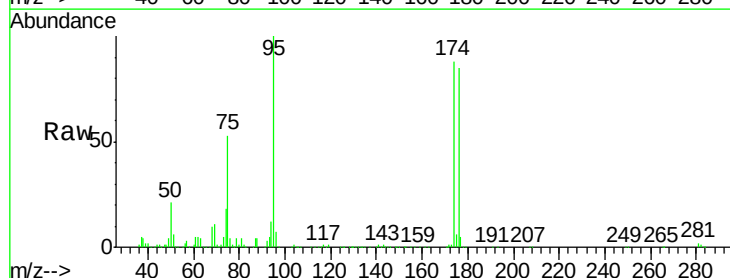
Tgt Ion: 95 Resp: 365220

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

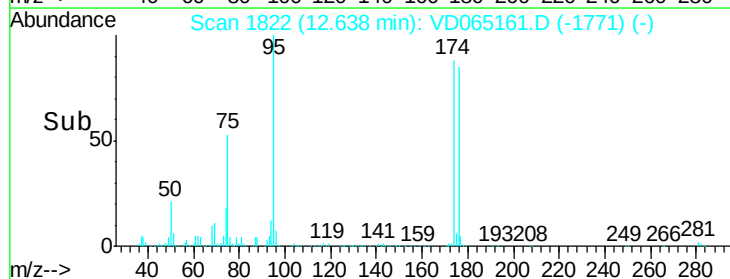
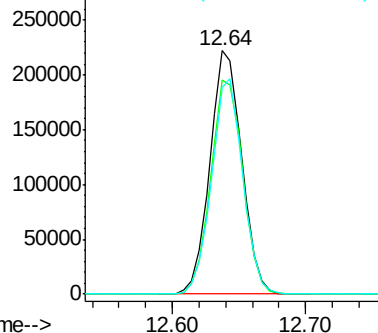
176 86.3 0.0 173.2

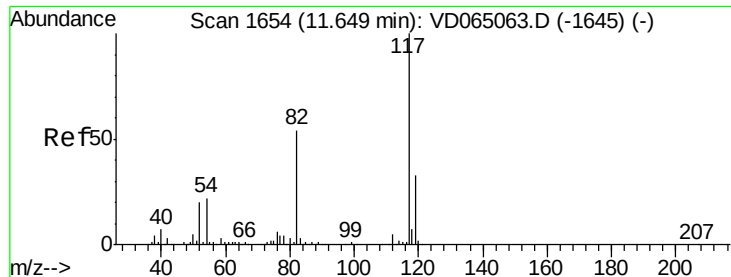


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

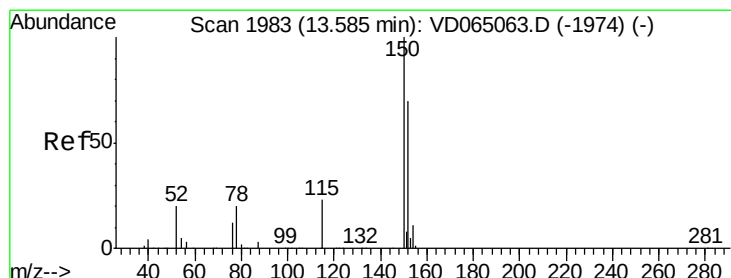
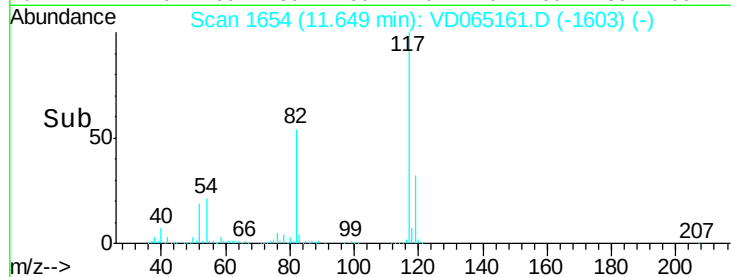
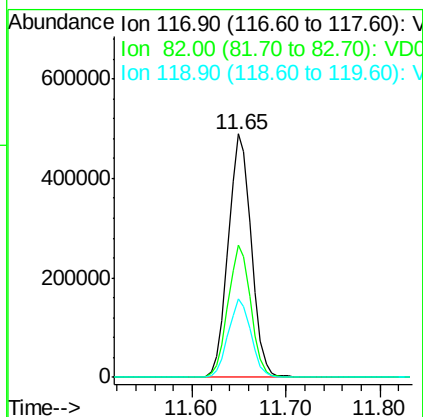
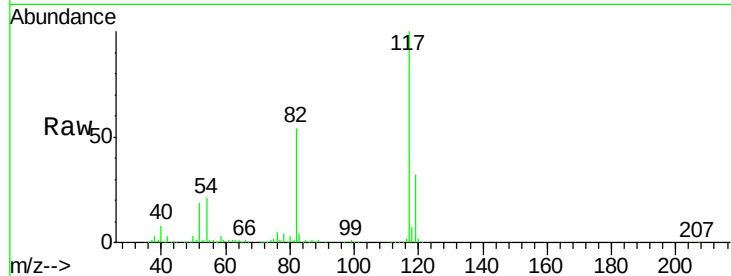




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065161.D
Acq: 12 Feb 2020 12:27

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.1	64.7
119	32.2	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: VD065161.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.5	82.4
150	157.6	0.0	343.2

