

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067899.D
 Acq On : 07 Dec 2020 15:04
 Operator : VA/SY
 Sample : L4971-03
 Misc : 7.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 5S1-D-BOTTOM

Quant Time: Dec 08 03:45:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	209892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	298097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	241609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	82747	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	103827	46.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.16%
35) Dibromofluoromethane	7.92	113	86313	43.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.54%
50) Toluene-d8	10.34	98	329670	45.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.82%
62) 4-Bromofluorobenzene	12.64	95	93936	37.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.68%

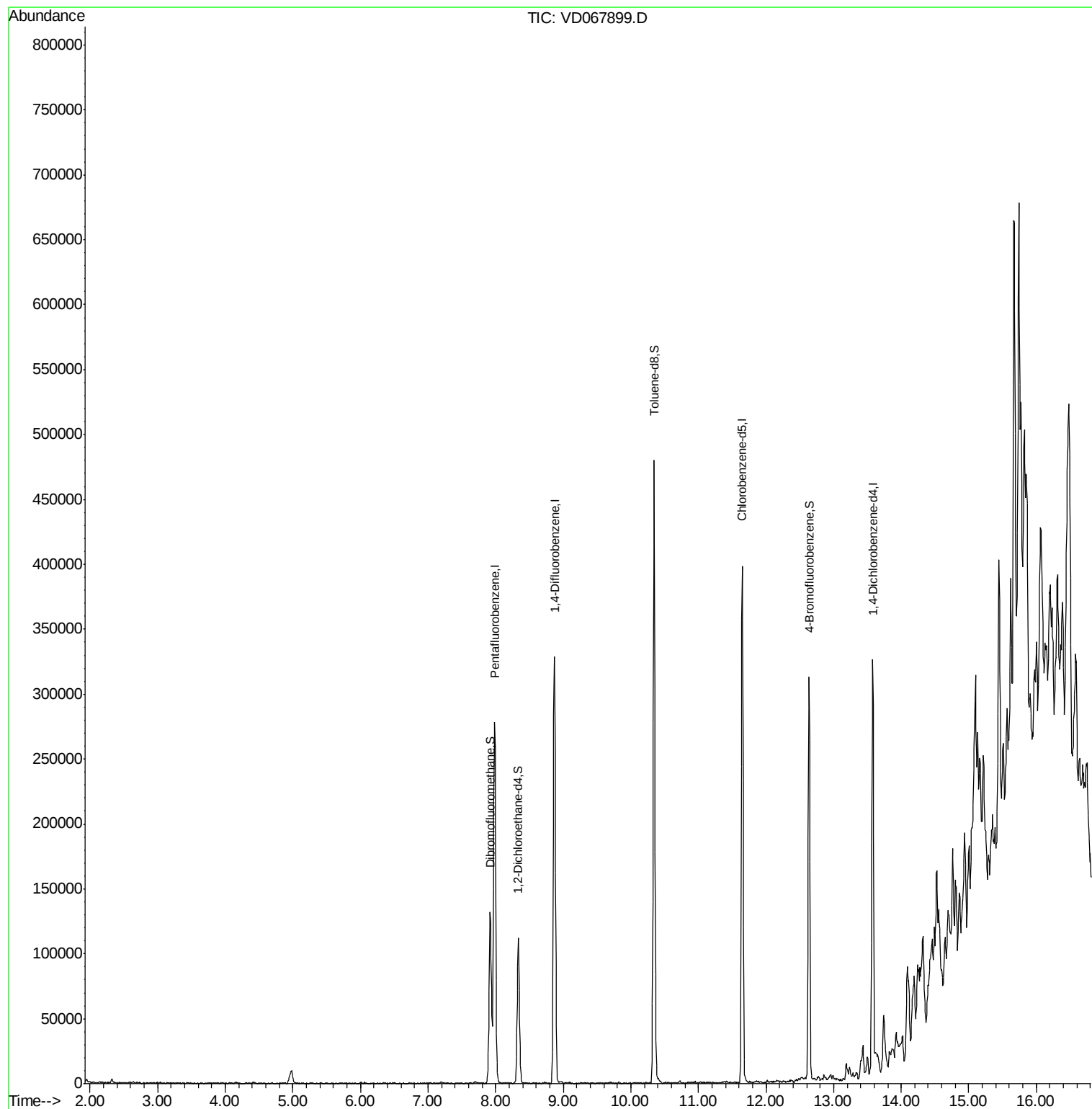
Target Compounds	Qvalue

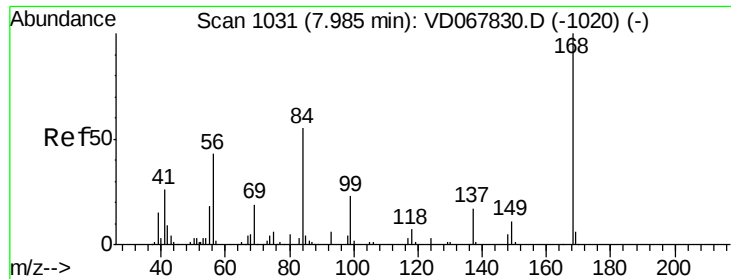
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067899.D

Acq: 07 Dec 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

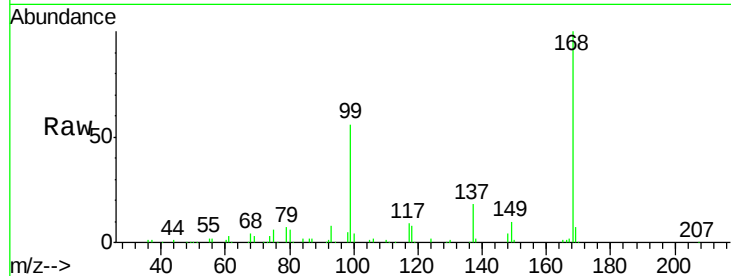
5S1-D-BOTTOM

Tot Ion:168 Resp: 209892

Ion Ratio Lower Upper

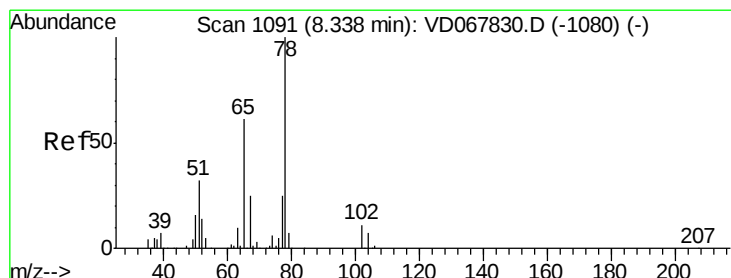
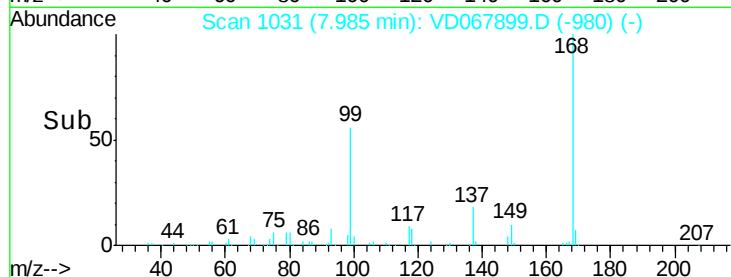
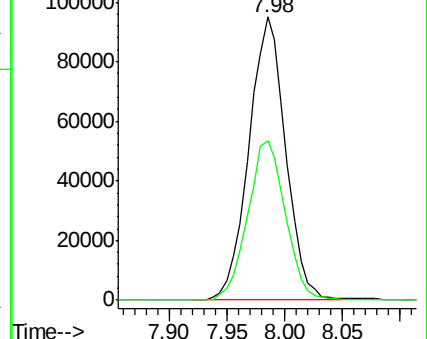
168 100

99 56.3 47.1 70.7



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: 46.078 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067899.D

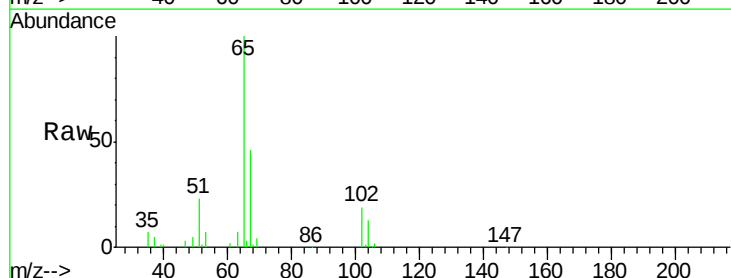
Acq: 07 Dec 2020 15:04

Tgt Ion: 65 Resp: 103827

Ion Ratio Lower Upper

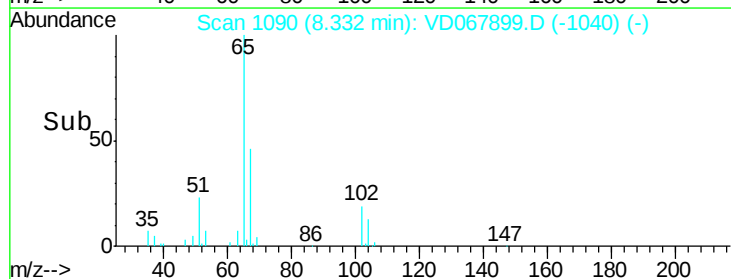
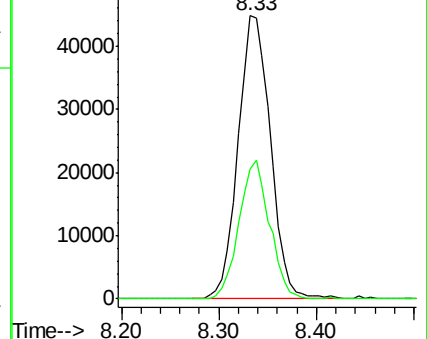
65 100

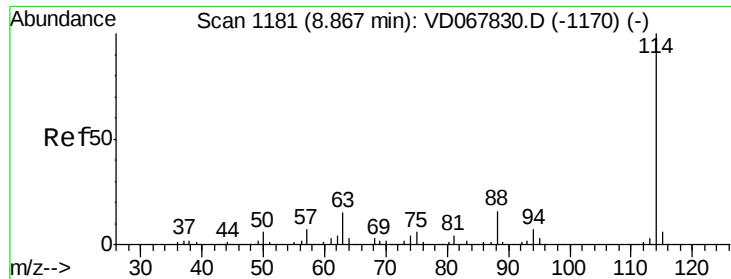
67 46.1 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

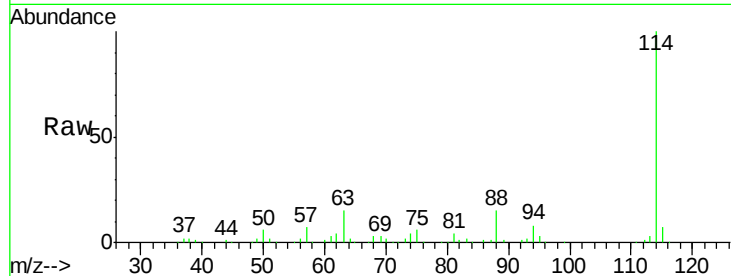




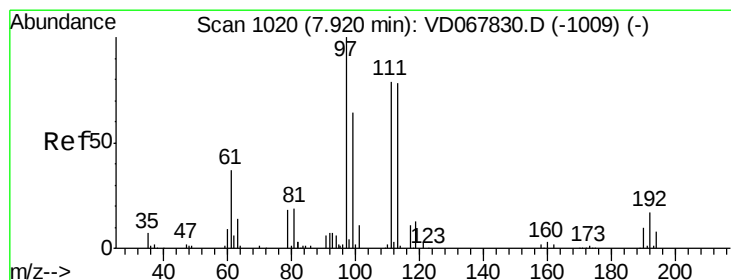
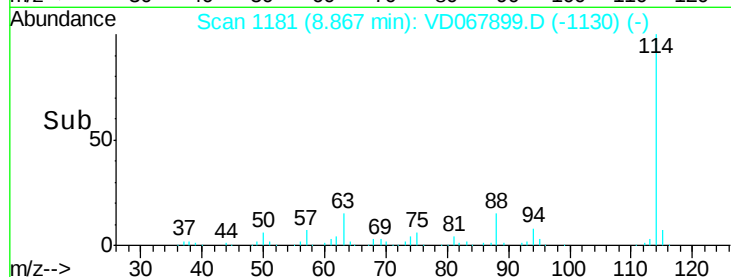
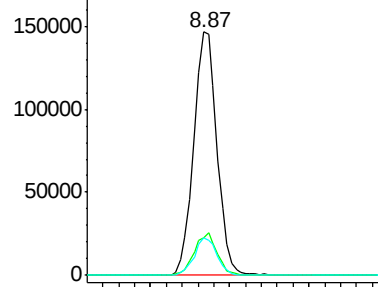
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067899.D
 Acq: 07 Dec 2020 15:04

Instrument :
 MSVOA_D
 ClientSampleId :
 5S1-D-BOTTOM

Tot Ion:114 Resp: 298097
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 30.8
 88 15.3 0.0 31.8

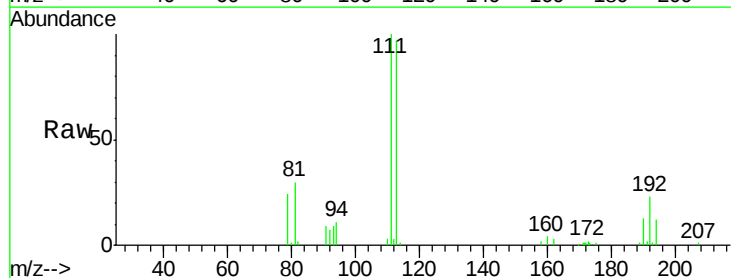


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

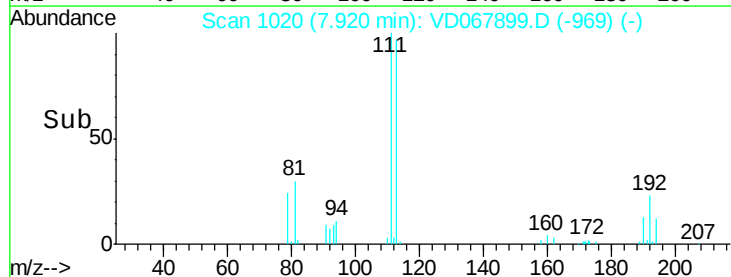
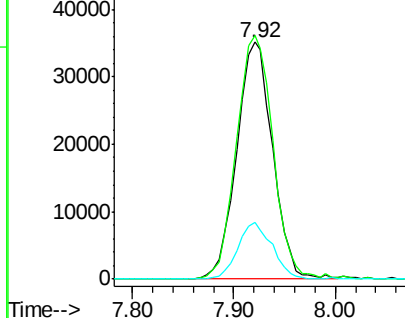


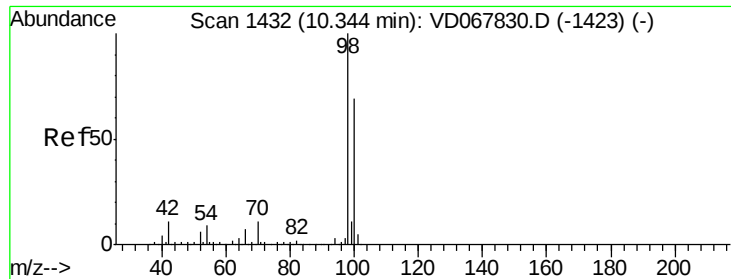
#35
 Dibromofluoromethane
 Concen: 43.271 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067899.D
 Acq: 07 Dec 2020 15:04

Tgt Ion:113 Resp: 86313
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.2 121.8
 192 22.9 16.8 25.2



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: 45.912 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067899.D

Acq: 07 Dec 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

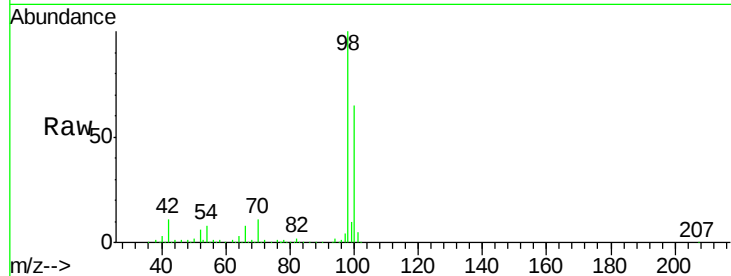
5S1-D-BOTTOM

Tot Ion: 98 Resp: 329670

Ion Ratio Lower Upper

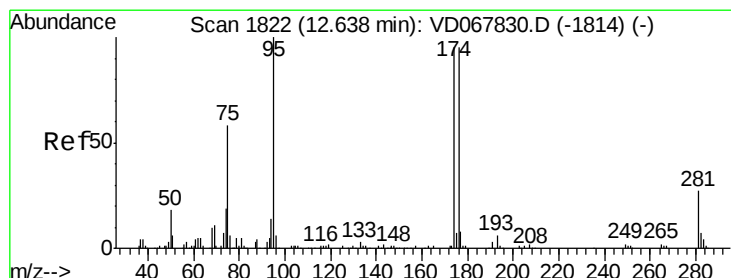
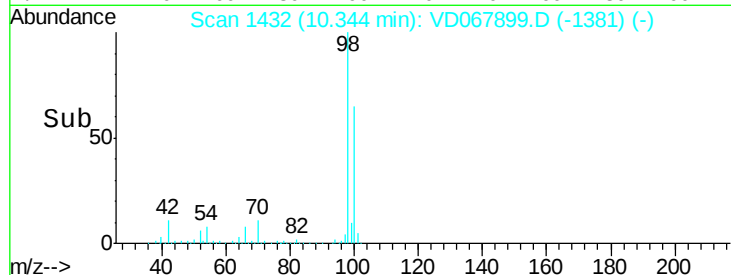
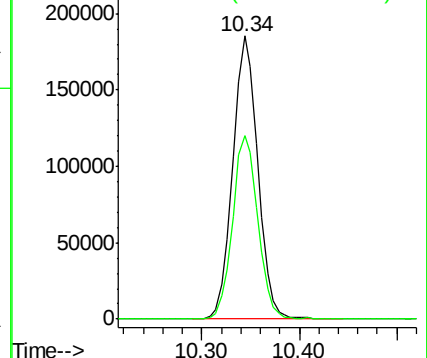
98 100

100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 37.839 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067899.D

Acq: 07 Dec 2020 15:04

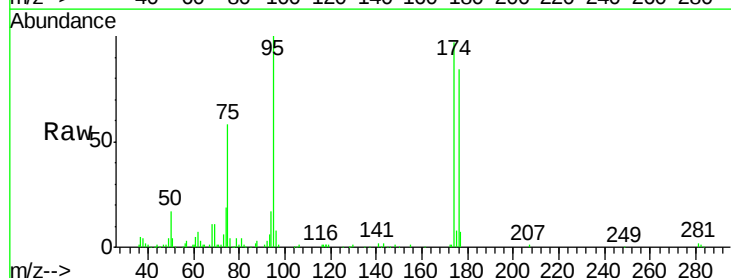
Tgt Ion: 95 Resp: 93936

Ion Ratio Lower Upper

95 100

174 96.9 0.0 186.0

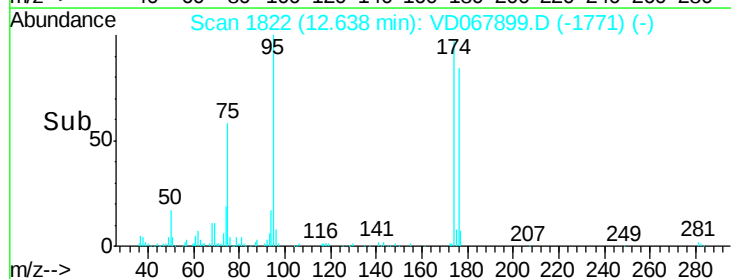
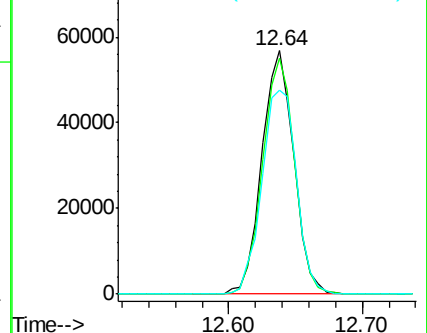
176 91.0 0.0 184.2

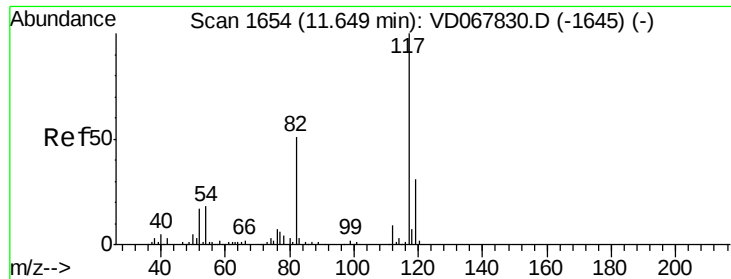


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

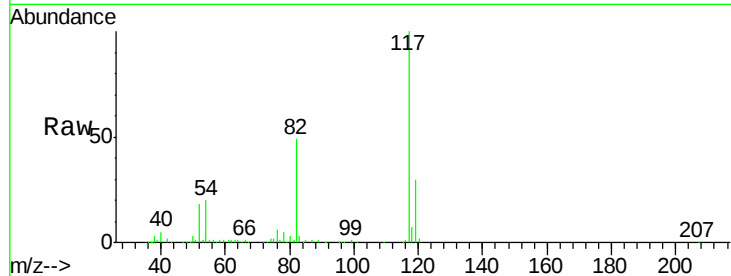




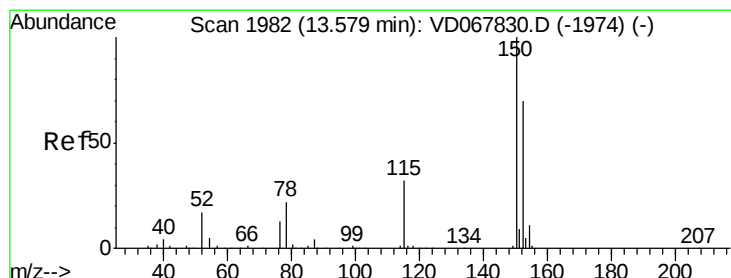
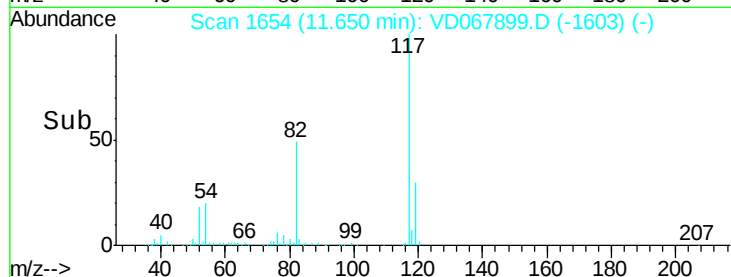
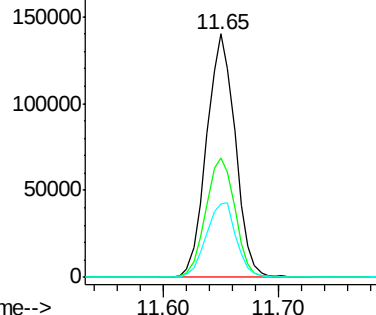
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067899.D
Acq: 07 Dec 2020 15:04

Instrument :
MSVOA_D
ClientSampleId :
5S1-D-BOTTOM

Tot Ion:117 Resp: 241609
Ion Ratio Lower Upper
117 100
82 49.3 40.6 60.8
119 30.3 25.1 37.7

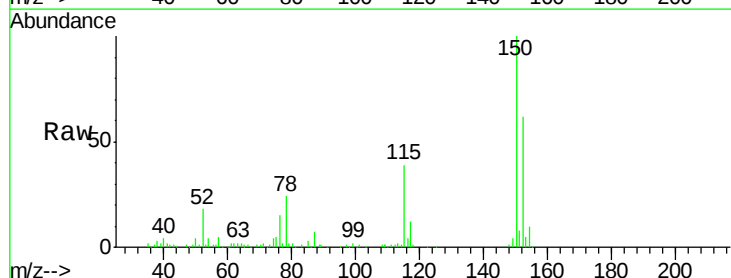


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067899.D
Acq: 07 Dec 2020 15:04

Tgt Ion:152 Resp: 82747
Ion Ratio Lower Upper
152 100
115 60.9 29.1 87.4
150 161.6 0.0 339.0



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

