

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067410.D
 Acq On : 27 Oct 2020 14:34
 Operator : VA/SY
 Sample : L4523-04
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-40

Quant Time: Oct 28 01:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	294124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	502044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	487644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241116	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	147927	50.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.40%	
35) Dibromofluoromethane	7.92	113	159056	47.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.22%	
50) Toluene-d8	10.34	98	599692	49.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.64	95	208268	49.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.08%	

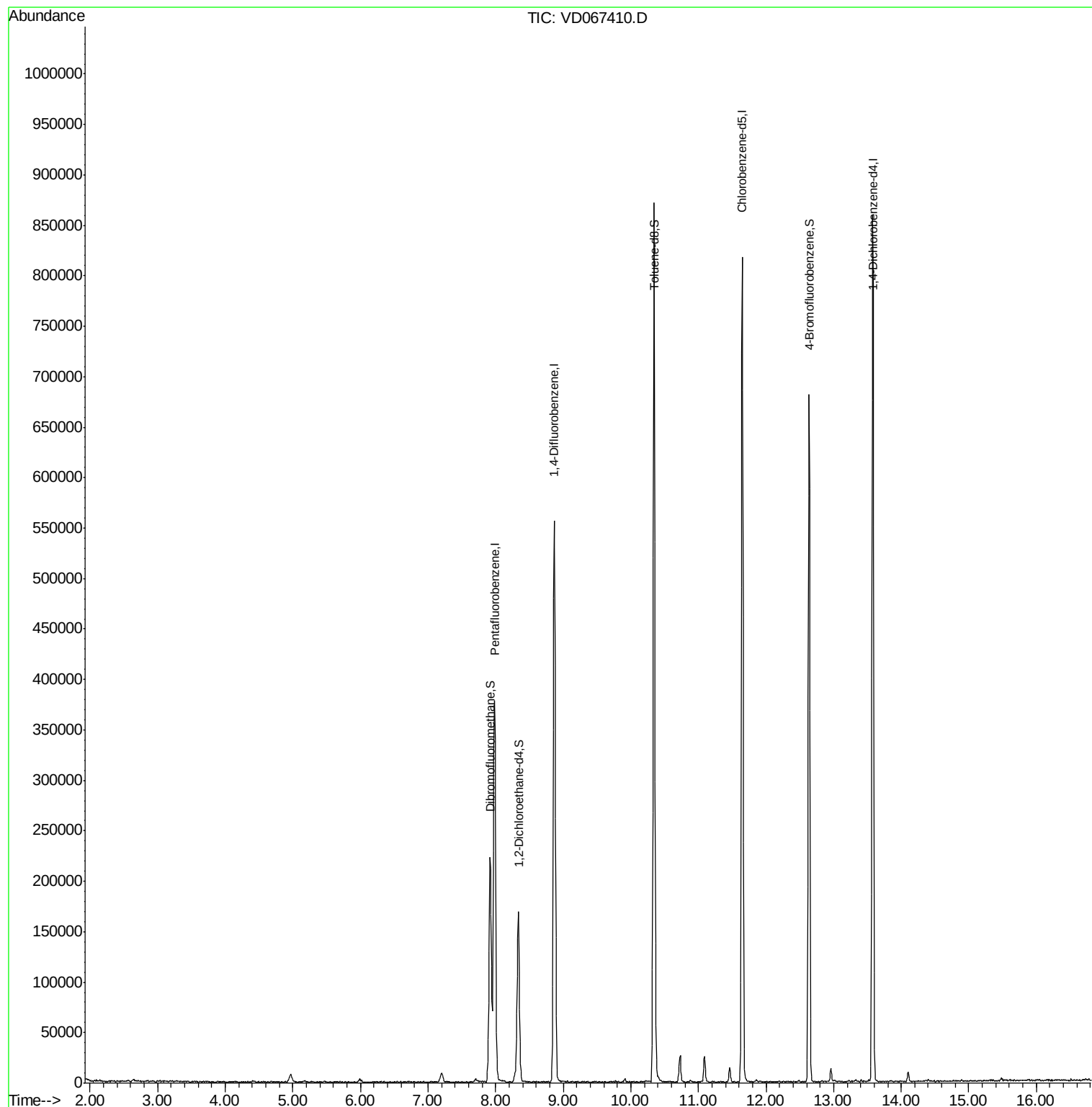
Target Compounds	Qvalue

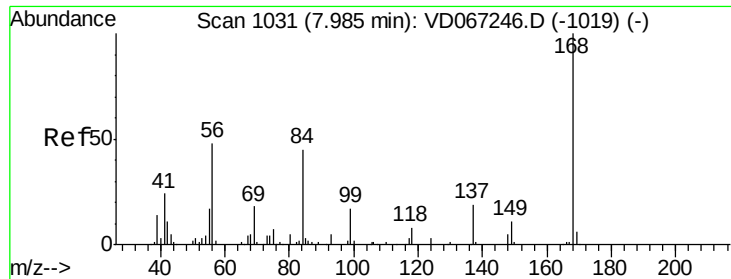
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067410.D

Acq: 27 Oct 2020 14:34

Instrument :

MSVOA_D

ClientSampleId :

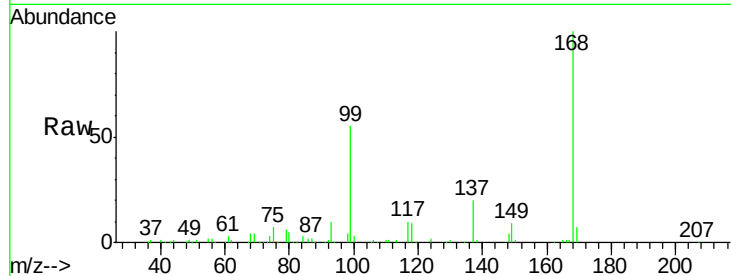
CS-40

Tot Ion:168 Resp: 294124

Ion Ratio Lower Upper

168 100

99 54.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

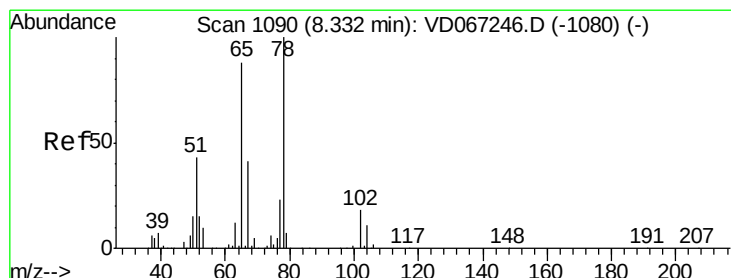
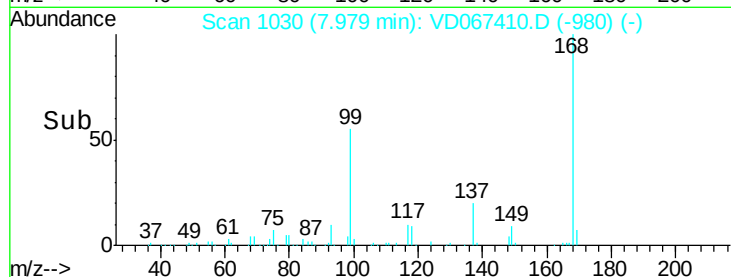
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.201 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067410.D

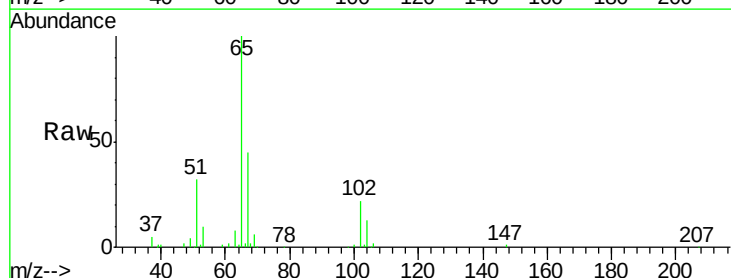
Acq: 27 Oct 2020 14:34

Tgt Ion: 65 Resp: 147927

Ion Ratio Lower Upper

65 100

67 48.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

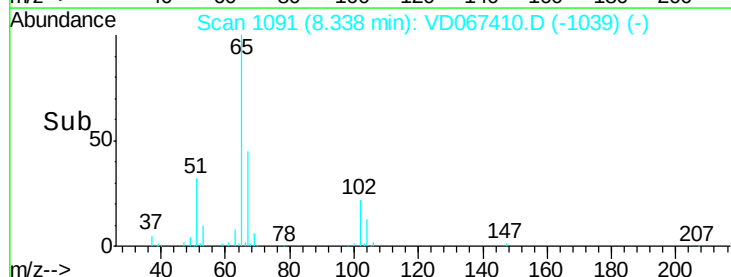
60000

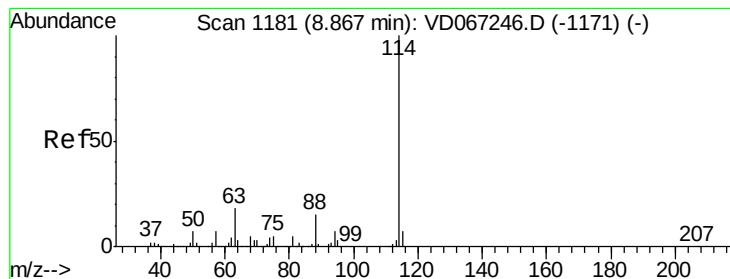
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067410.D

Acq: 27 Oct 2020 14:34

Instrument :

MSVOA_D

ClientSampleId :

CS-40

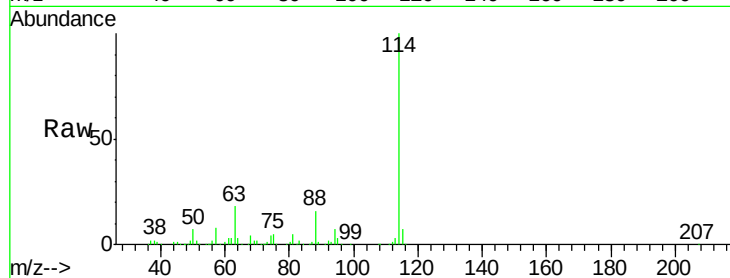
Tot Ion:114 Resp: 502044

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

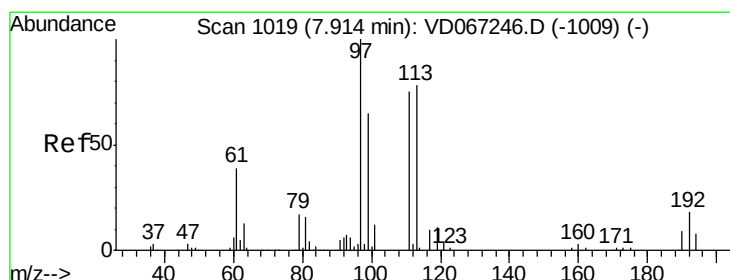
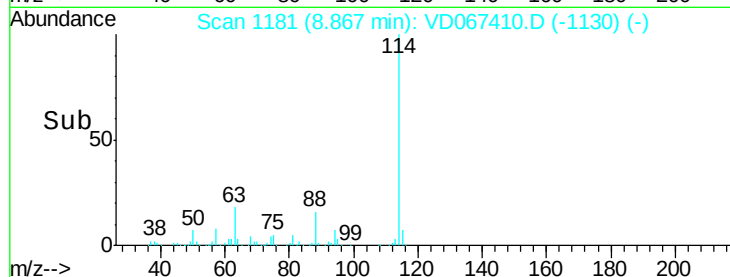
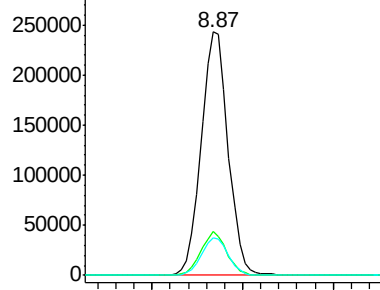
88 15.6 0.0 30.6



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: 47.606 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067410.D

Acq: 27 Oct 2020 14:34

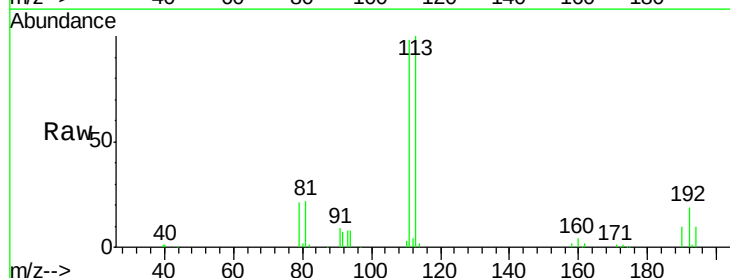
Tgt Ion:113 Resp: 159056

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

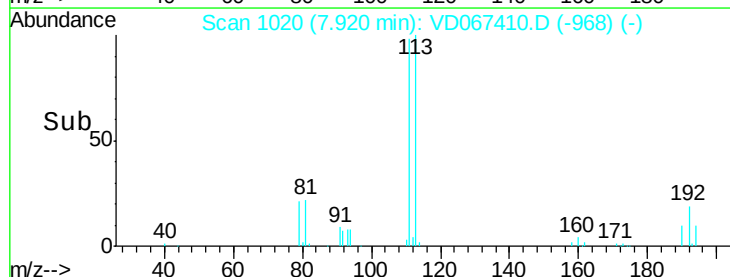
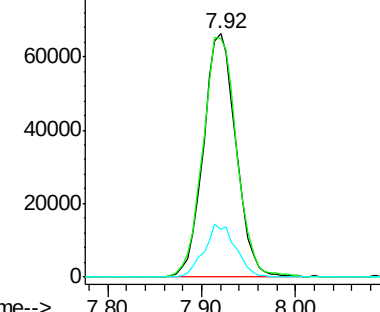
192 20.9 17.0 25.4

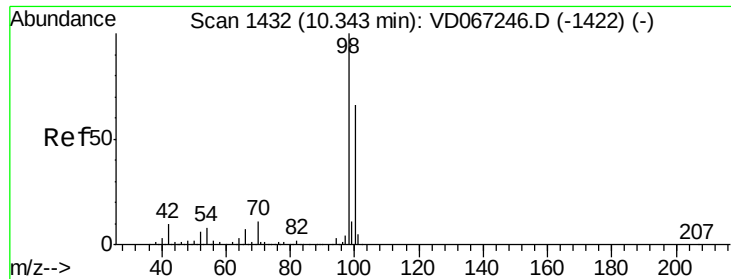


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.597 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067410.D

Acq: 27 Oct 2020 14:34

Instrument :

MSVOA_D

ClientSampleId :

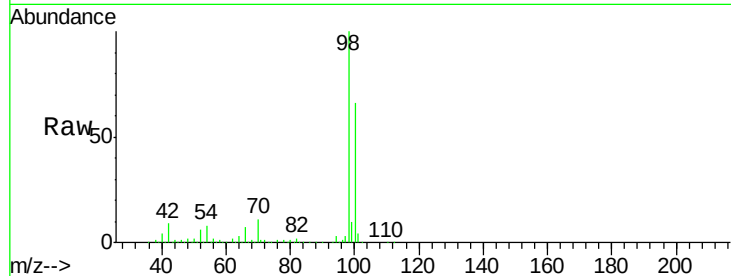
CS-40

Tot Ion: 98 Resp: 599692

Ion Ratio Lower Upper

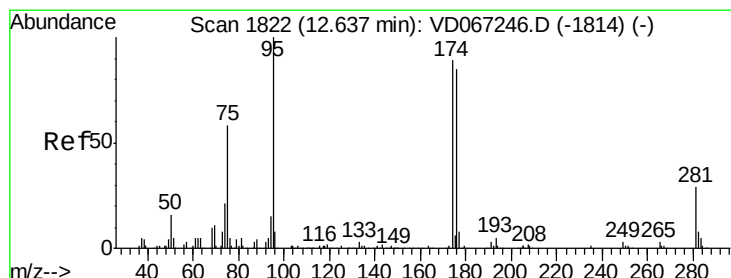
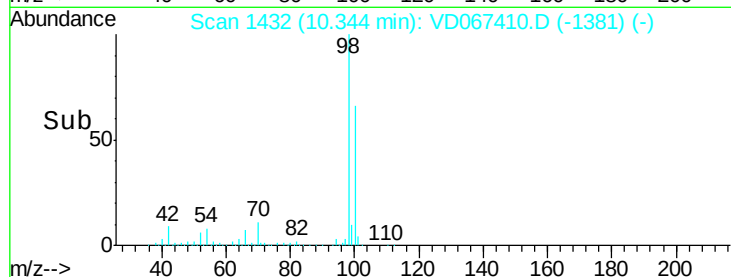
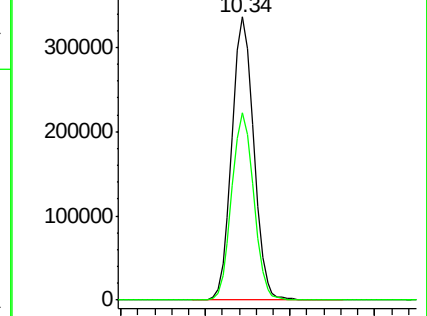
98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.536 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067410.D

Acq: 27 Oct 2020 14:34

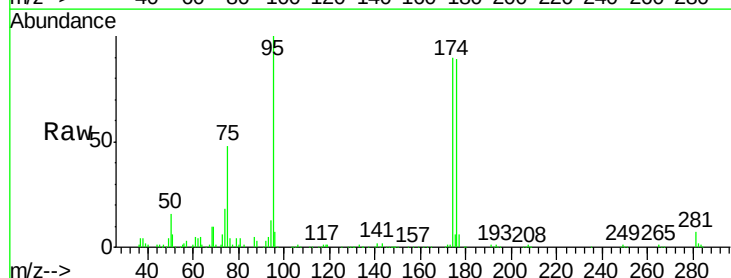
Tgt Ion: 95 Resp: 208268

Ion Ratio Lower Upper

95 100

174 90.3 0.0 175.2

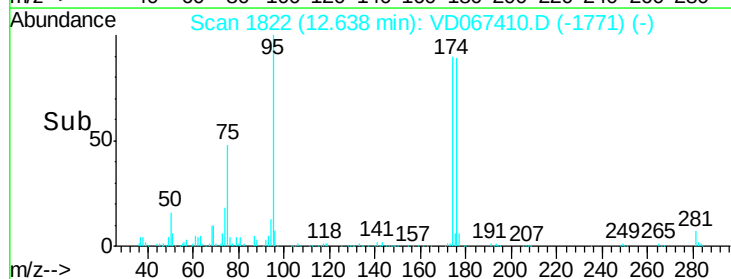
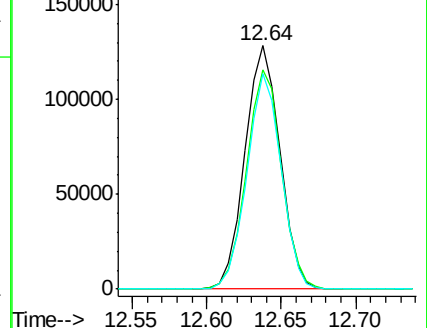
176 86.4 0.0 168.6

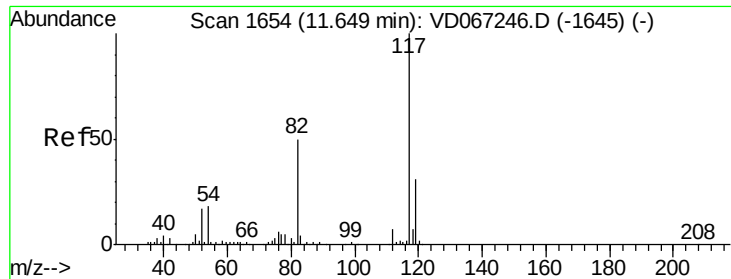


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

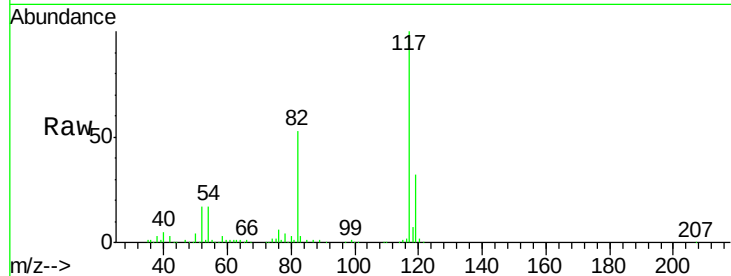




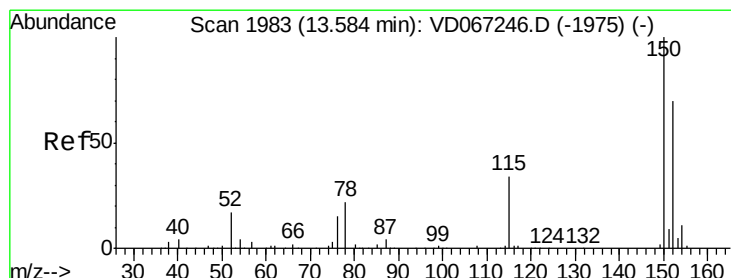
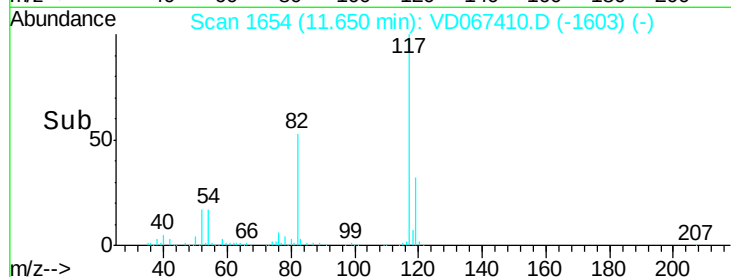
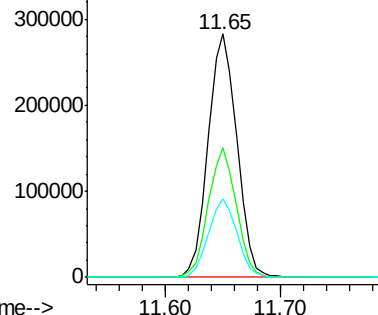
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067410.D
Acq: 27 Oct 2020 14:34

Instrument :
MSVOA_D
ClientSampled :
CS-40

Tot Ion:117 Resp: 487644
Ion Ratio Lower Upper
117 100
82 53.5 39.9 59.9
119 32.0 24.9 37.3

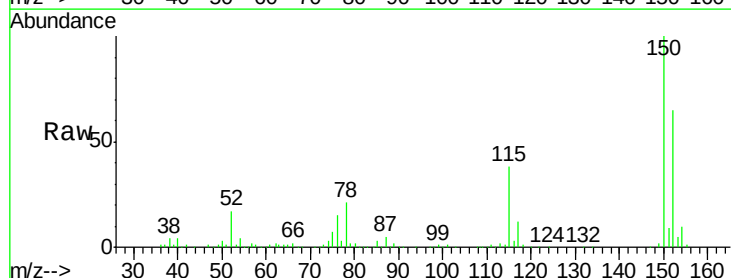


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067410.D
Acq: 27 Oct 2020 14:34

Tgt Ion:152 Resp: 241116
Ion Ratio Lower Upper
152 100
115 58.8 29.3 87.9
150 155.6 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

