

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067409.D
 Acq On : 27 Oct 2020 14:06
 Operator : VA/SY
 Sample : L4523-03
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-39

Quant Time: Oct 28 01:14:38 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	299722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	502221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	495905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240720	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	149093	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
35) Dibromofluoromethane	7.92	113	162367	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	10.34	98	601058	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.64	95	207421	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	

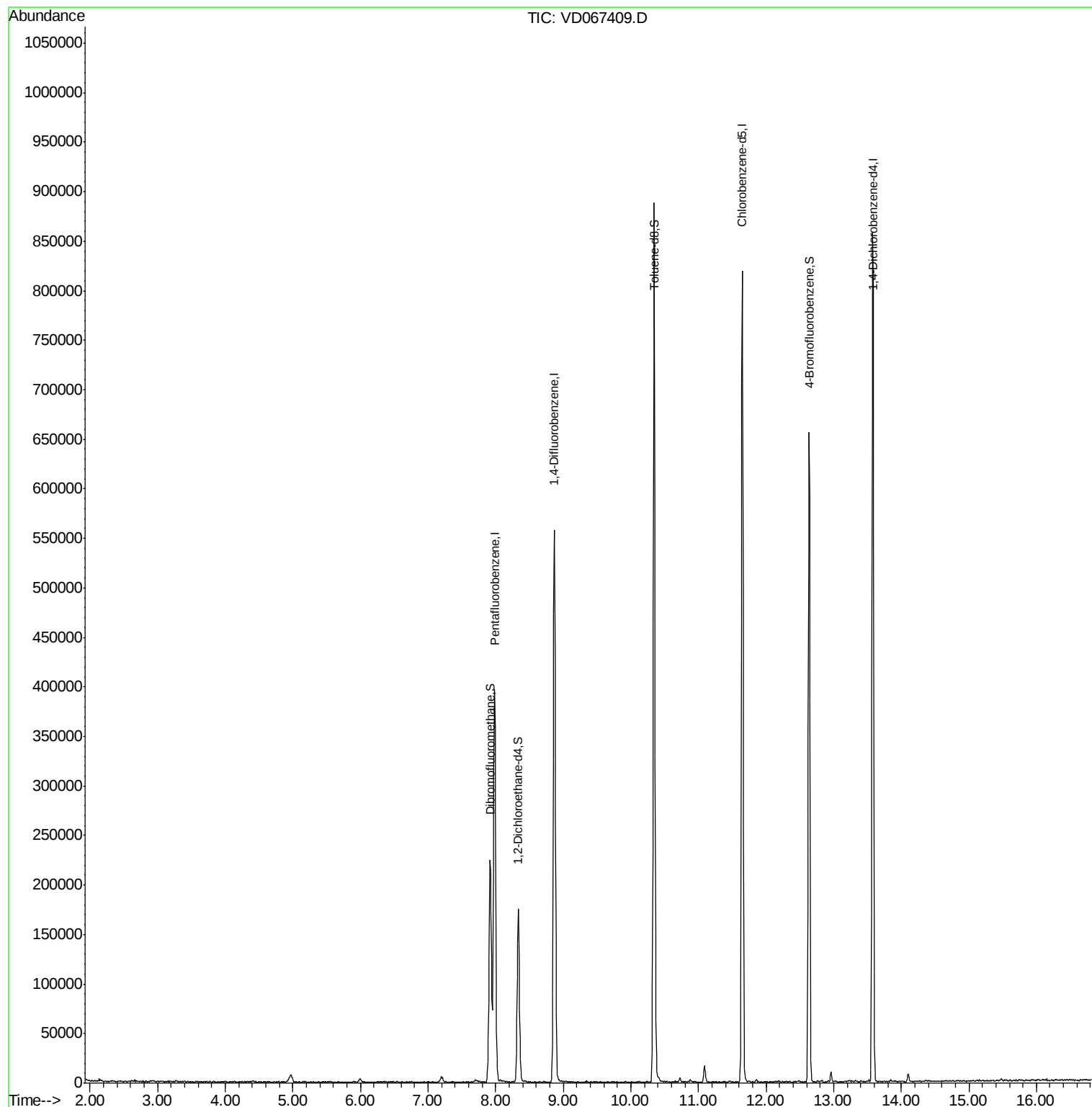
Target Compounds	Qvalue
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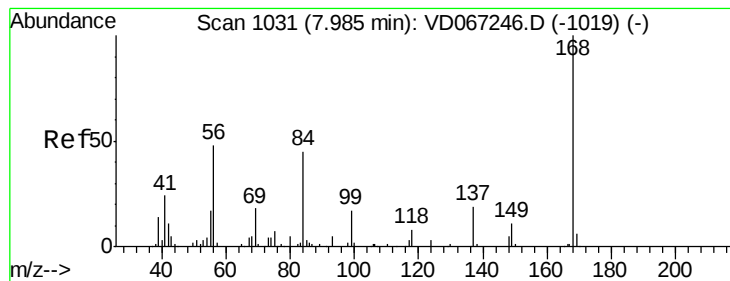
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067409.D

Acq: 27 Oct 2020 14:06

Instrument :

MSVOA_D

ClientSampleId :

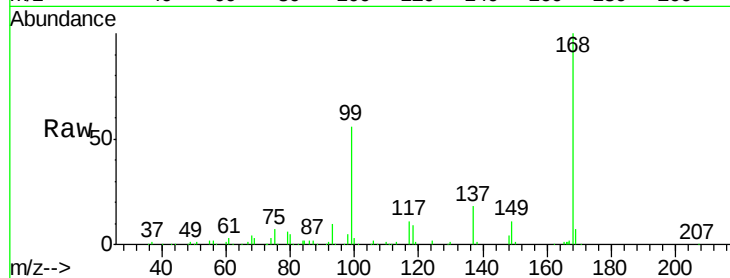
CS-39

Tot Ion:168 Resp: 299722

Ion Ratio Lower Upper

168 100

99 56.0 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

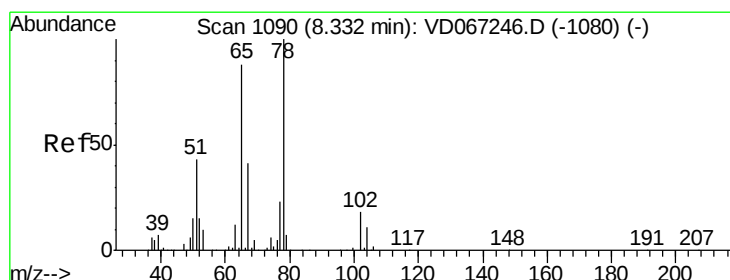
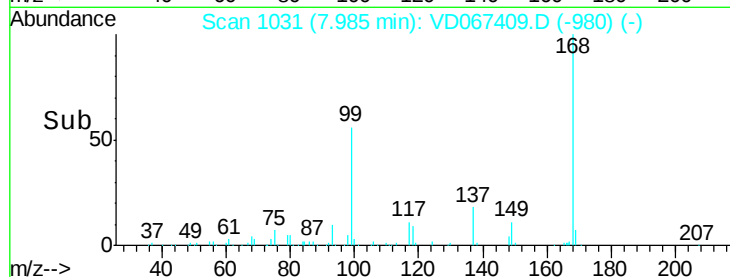
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.652 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067409.D

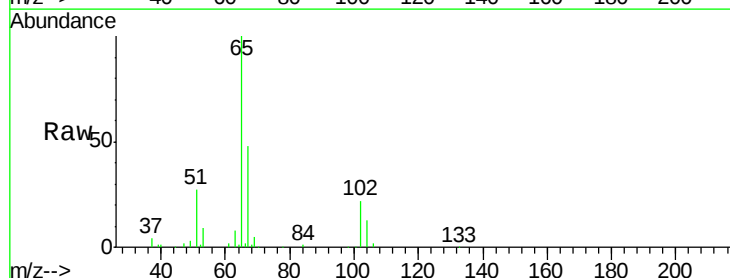
Acq: 27 Oct 2020 14:06

Tgt Ion: 65 Resp: 149093

Ion Ratio Lower Upper

65 100

67 50.4 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

80000

60000

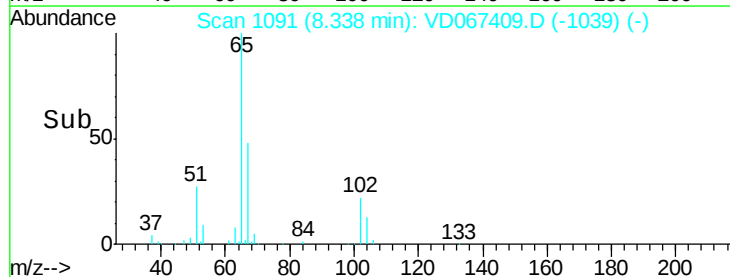
40000

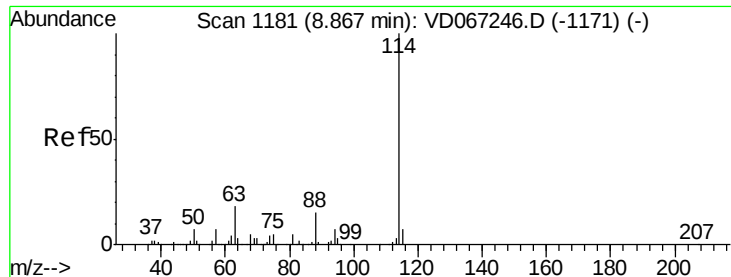
20000

0

8.30 8.40

Time-->

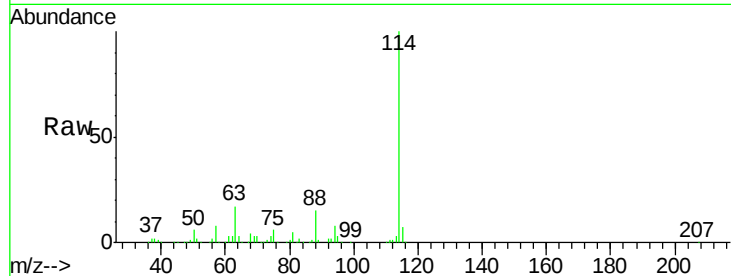




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067409.D
 Acq: 27 Oct 2020 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-39

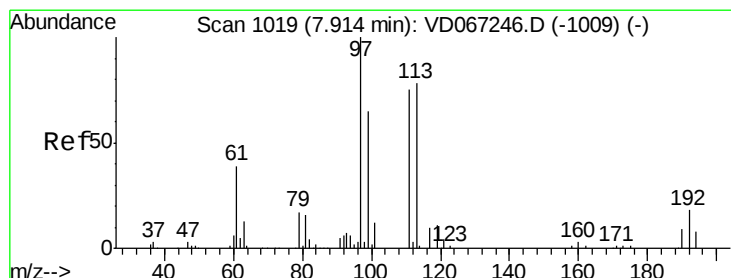
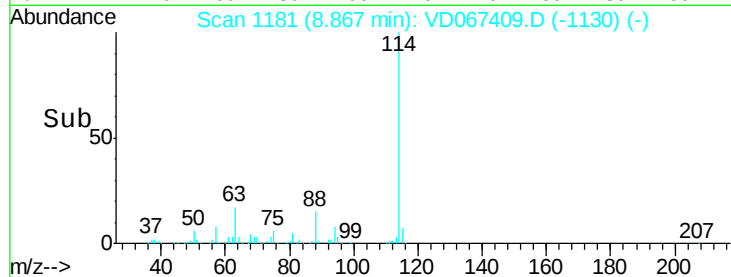
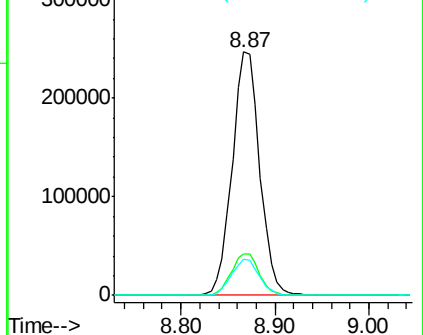
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.0
88	14.9	0.0	30.6



Abundance Ion 113.90 (113.60 to 114.60): V

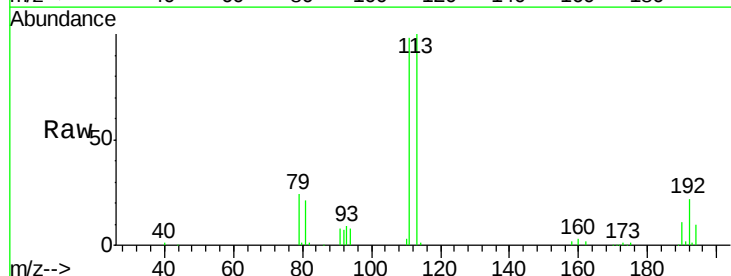
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 48.580 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067409.D
 Acq: 27 Oct 2020 14:06

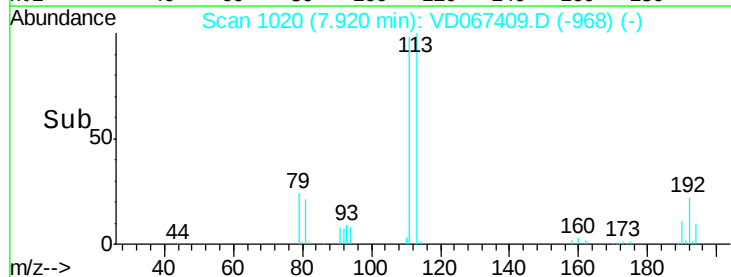
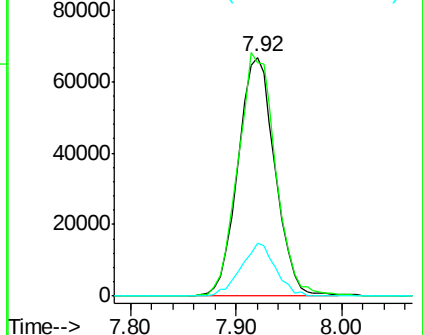
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.6	122.4
192	20.7	17.0	25.4

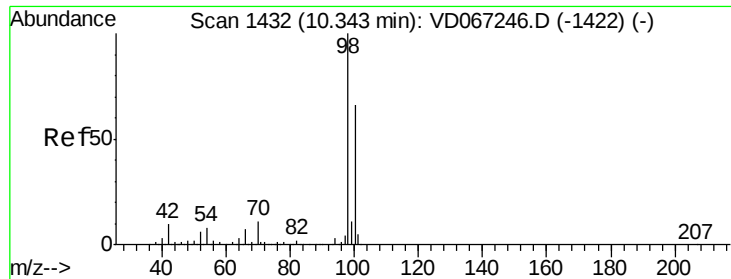


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.693 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067409.D

Acq: 27 Oct 2020 14:06

Instrument :

MSVOA_D

ClientSampleId :

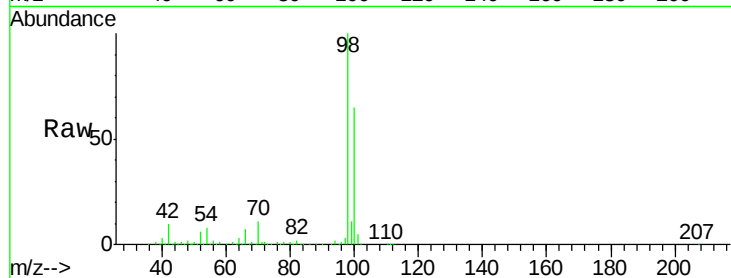
CS-39

Tot Ion: 98 Resp: 601058

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

10.34

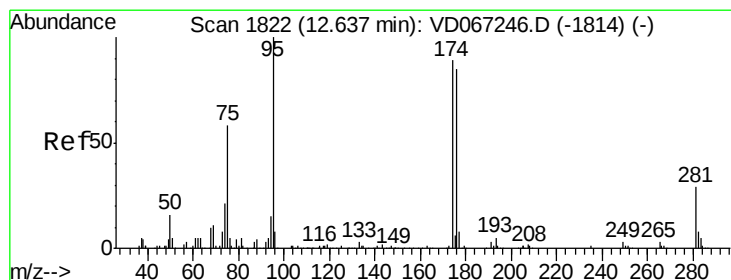
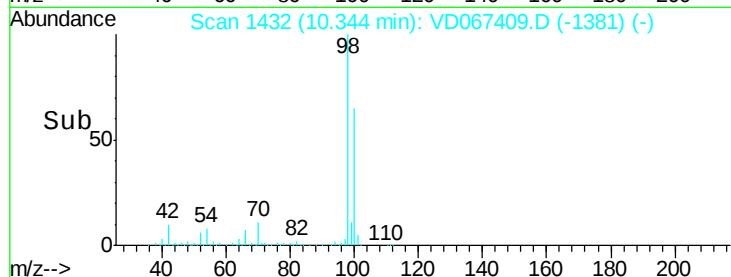
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.317 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067409.D

Acq: 27 Oct 2020 14:06

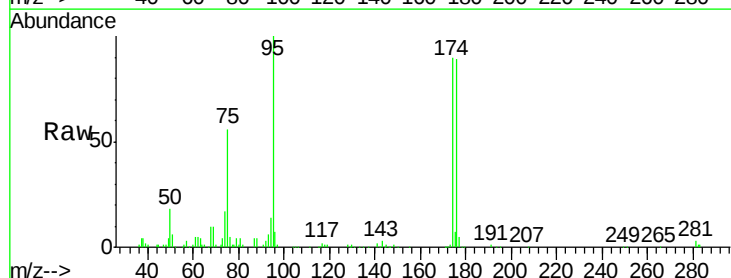
Tgt Ion: 95 Resp: 207421

Ion Ratio Lower Upper

95 100

174 90.4 0.0 175.2

176 86.1 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

12.64

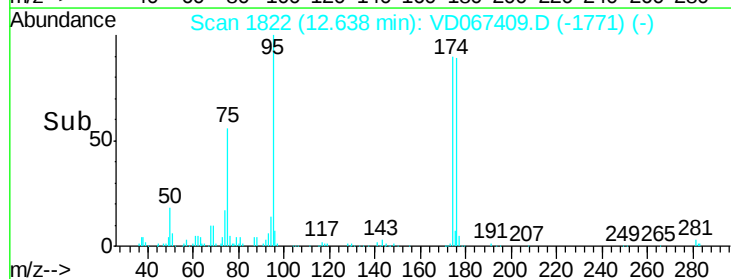
150000

100000

50000

0

Time-->

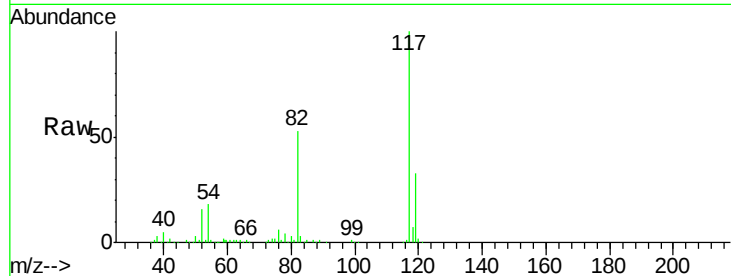




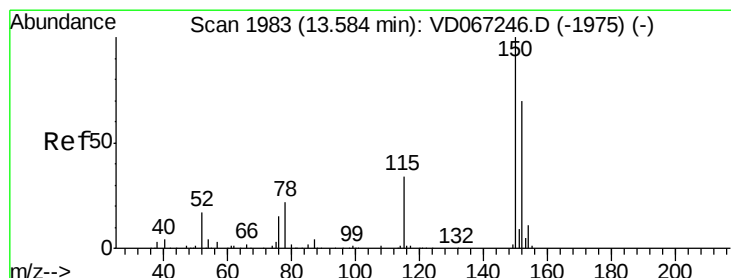
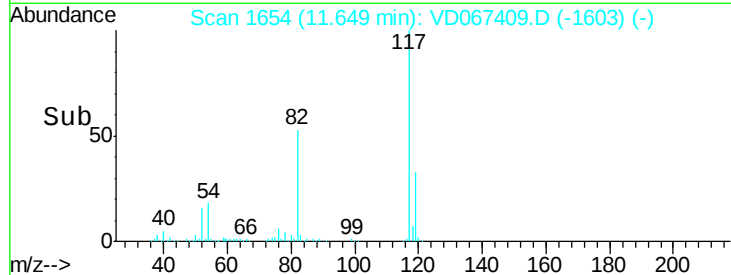
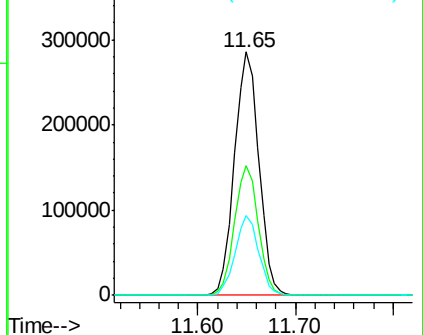
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067409.D
Acq: 27 Oct 2020 14:06

Instrument :
MSVOA_D
ClientSampleId :
CS-39

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	39.9	59.9
119	32.6	24.9	37.3

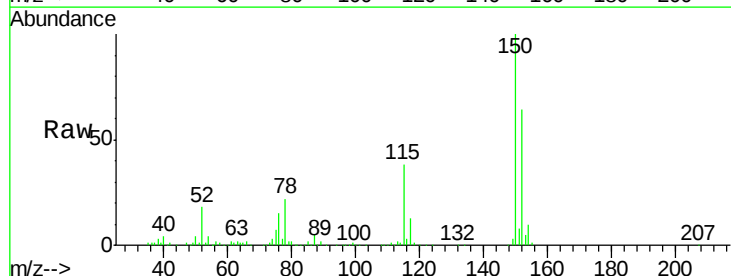


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067409.D
Acq: 27 Oct 2020 14:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	87.9
150	156.8	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

