

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067545.D
 Acq On : 06 Nov 2020 11:01
 Operator : VA/SY
 Sample : VD1106SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBL01

Quant Time: Nov 06 23:38:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	317414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	506637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	252959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156763	56.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.96%	
35) Dibromofluoromethane	7.92	113	158378	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.34	98	587218	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	
62) 4-Bromofluorobenzene	12.64	95	219673	59.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.64%	

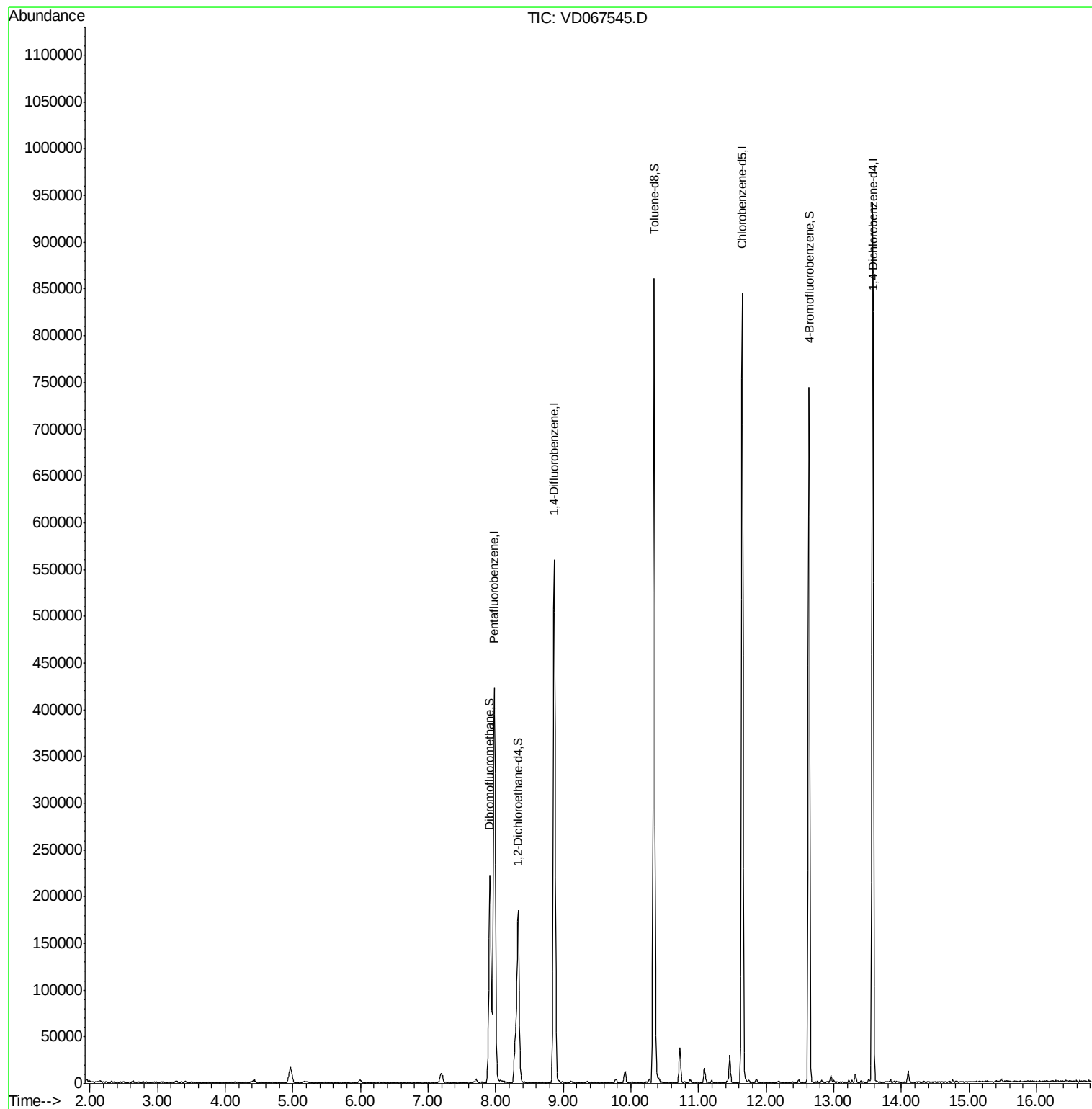
Target Compounds	Qvalue

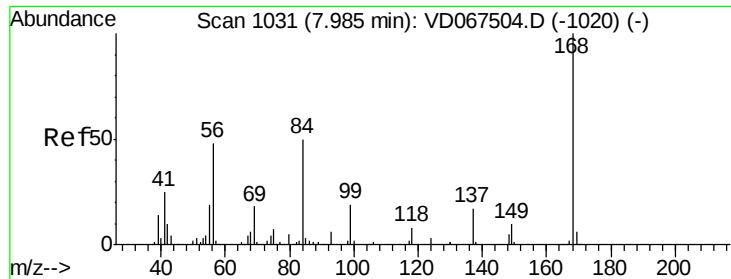
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 00:56:28 2020
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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: VD067545.D

Acq: 06 Nov 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

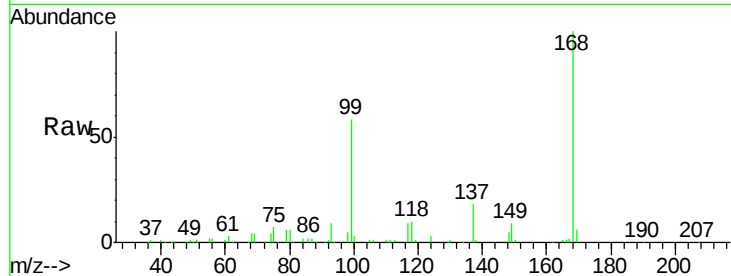
VD1106SBL01

Tot Ion:168 Resp: 317414

Ion Ratio Lower Upper

168 100

99 57.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

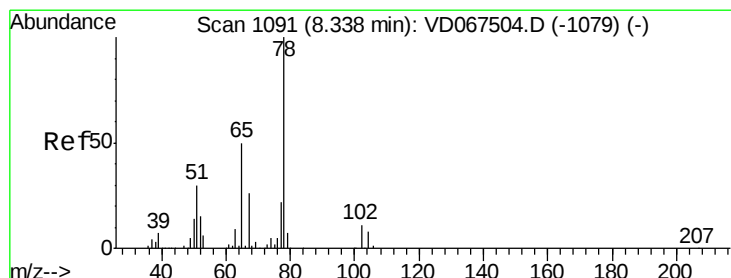
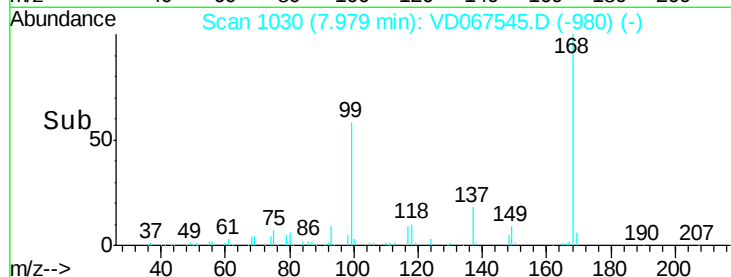
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.482 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067545.D

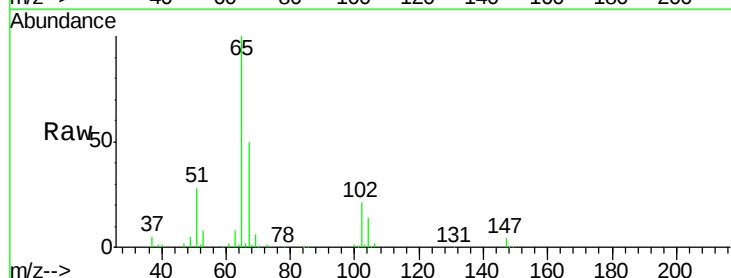
Acq: 06 Nov 2020 11:01

Tgt Ion: 65 Resp: 156763

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

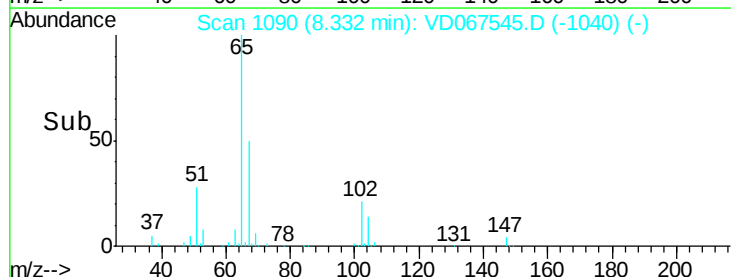
60000

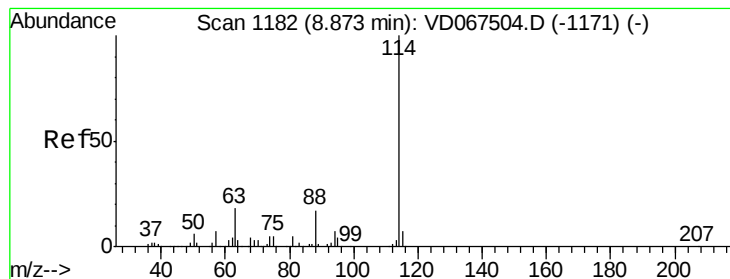
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBL01

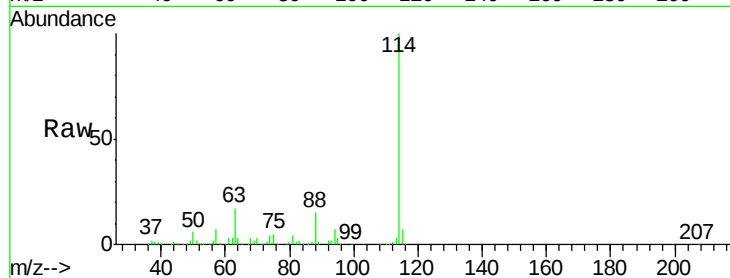
Tot Ion:114 Resp: 506637

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

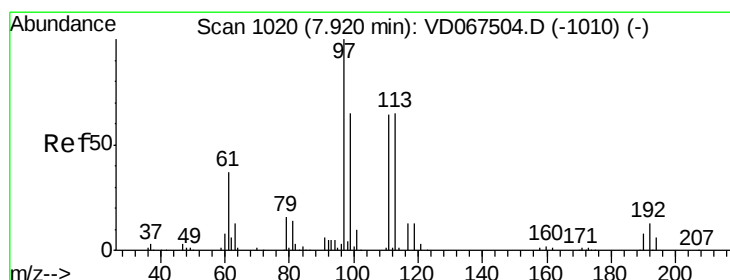
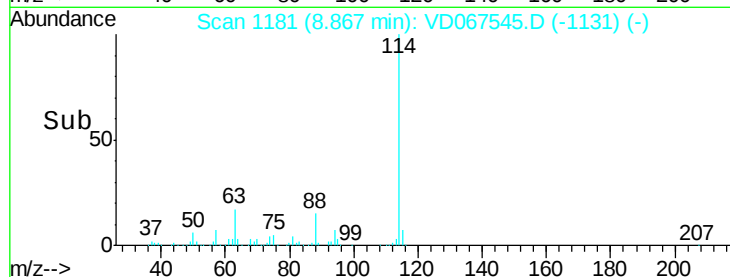
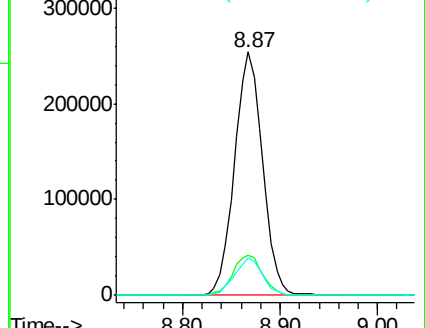
88 15.3 0.0 33.0



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: 51.885 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

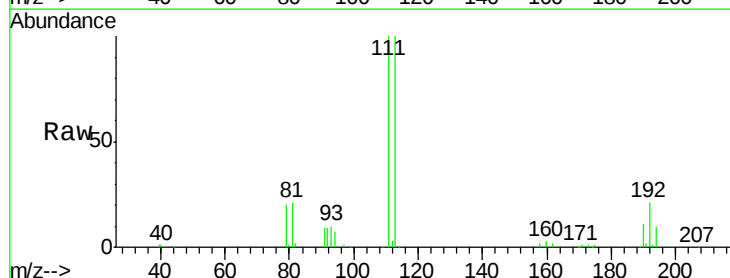
Tgt Ion:113 Resp: 158378

Ion Ratio Lower Upper

113 100

111 101.8 80.0 120.0

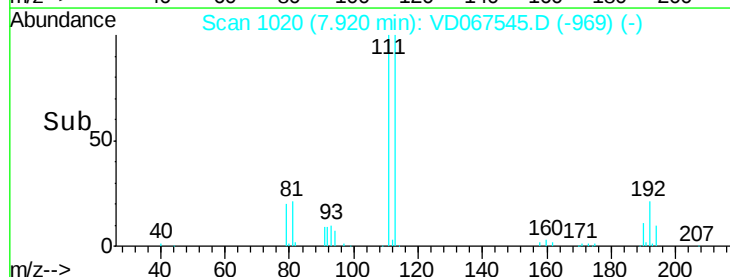
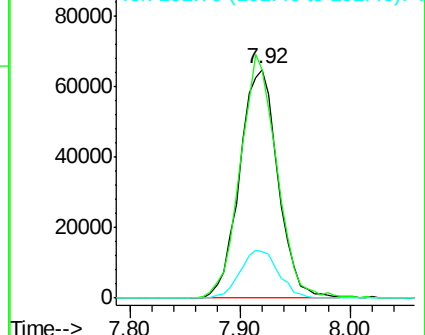
192 21.1 16.3 24.5

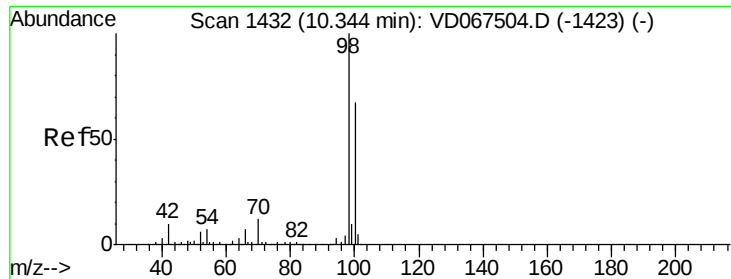


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.741 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

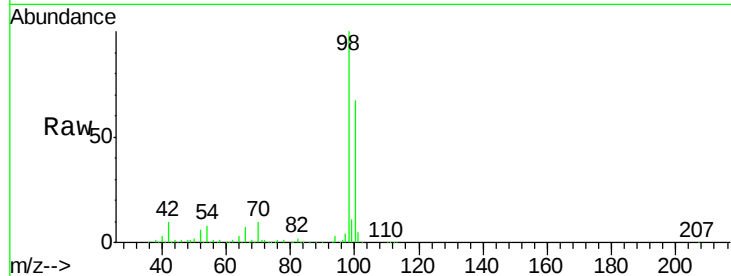
VD1106SBL01

Tot Ion: 98 Resp: 587218

Ion Ratio Lower Upper

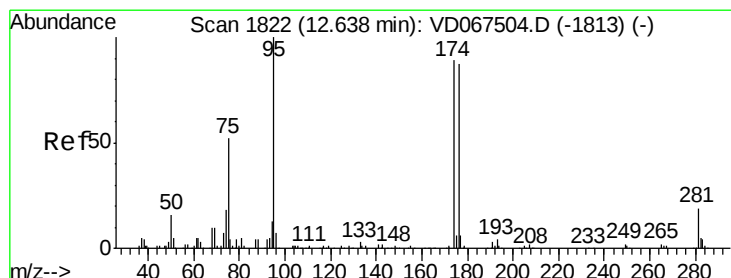
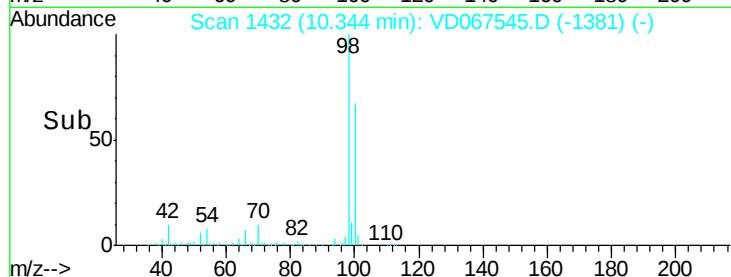
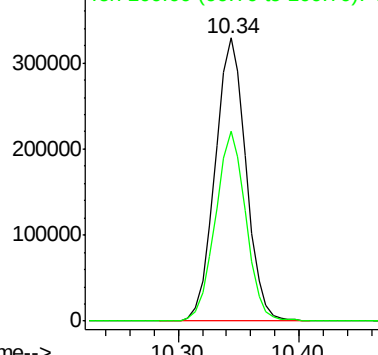
98 100

100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 59.315 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067545.D

Acq: 06 Nov 2020 11:01

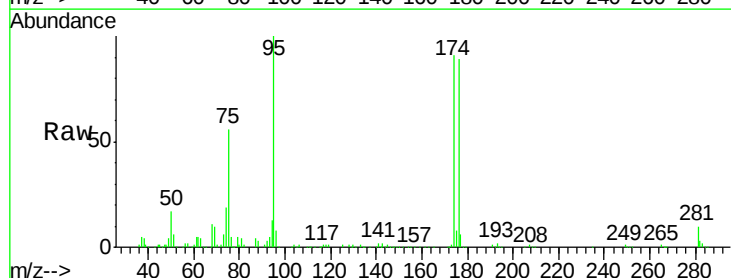
Tgt Ion: 95 Resp: 219673

Ion Ratio Lower Upper

95 100

174 90.6 0.0 177.8

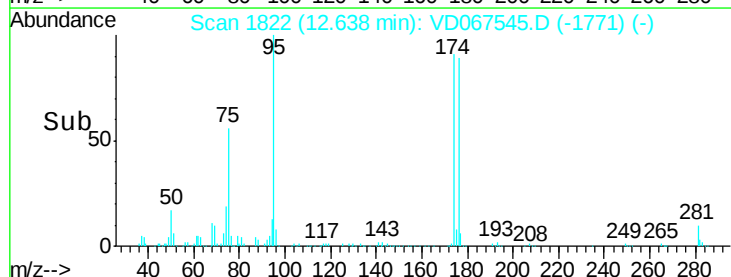
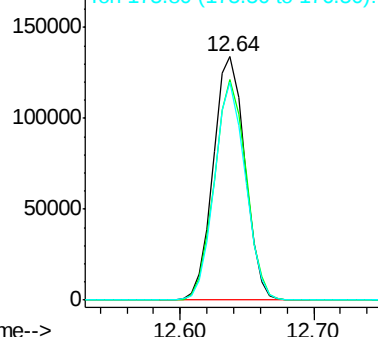
176 87.3 0.0 172.0

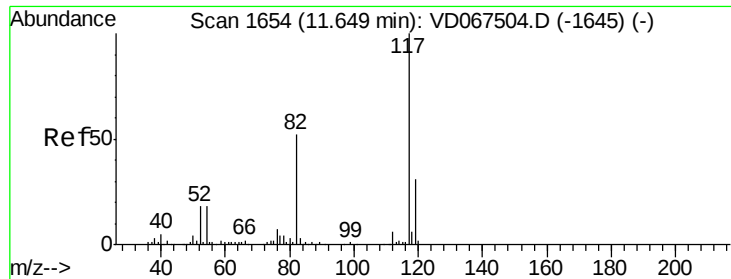


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

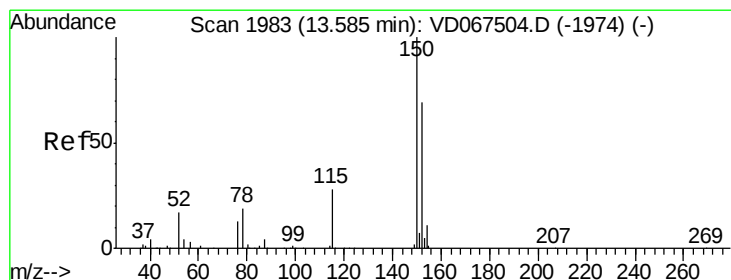
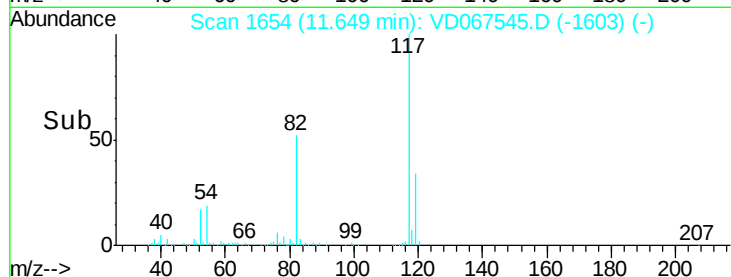
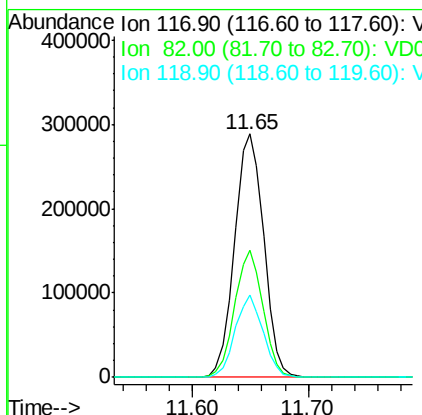
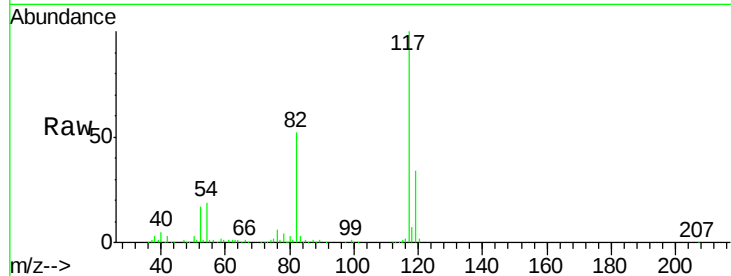




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067545.D
Acq: 06 Nov 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.6	62.4
119	33.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067545.D
Acq: 06 Nov 2020 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.3	88.0
150	159.8	0.0	338.2

