

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067529.D
 Acq On : 04 Nov 2020 19:17
 Operator : VA/SY
 Sample : L4619-04RE
 Misc : 6.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-3-4-COMP

Quant Time: Nov 05 01:42:16 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	252774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	403143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	425771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220079	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	138740	62.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.54%	
35) Dibromofluoromethane	7.92	113	137424	56.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.16%	
50) Toluene-d8	10.34	98	484188	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	
62) 4-Bromofluorobenzene	12.64	95	188054	63.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.62%	

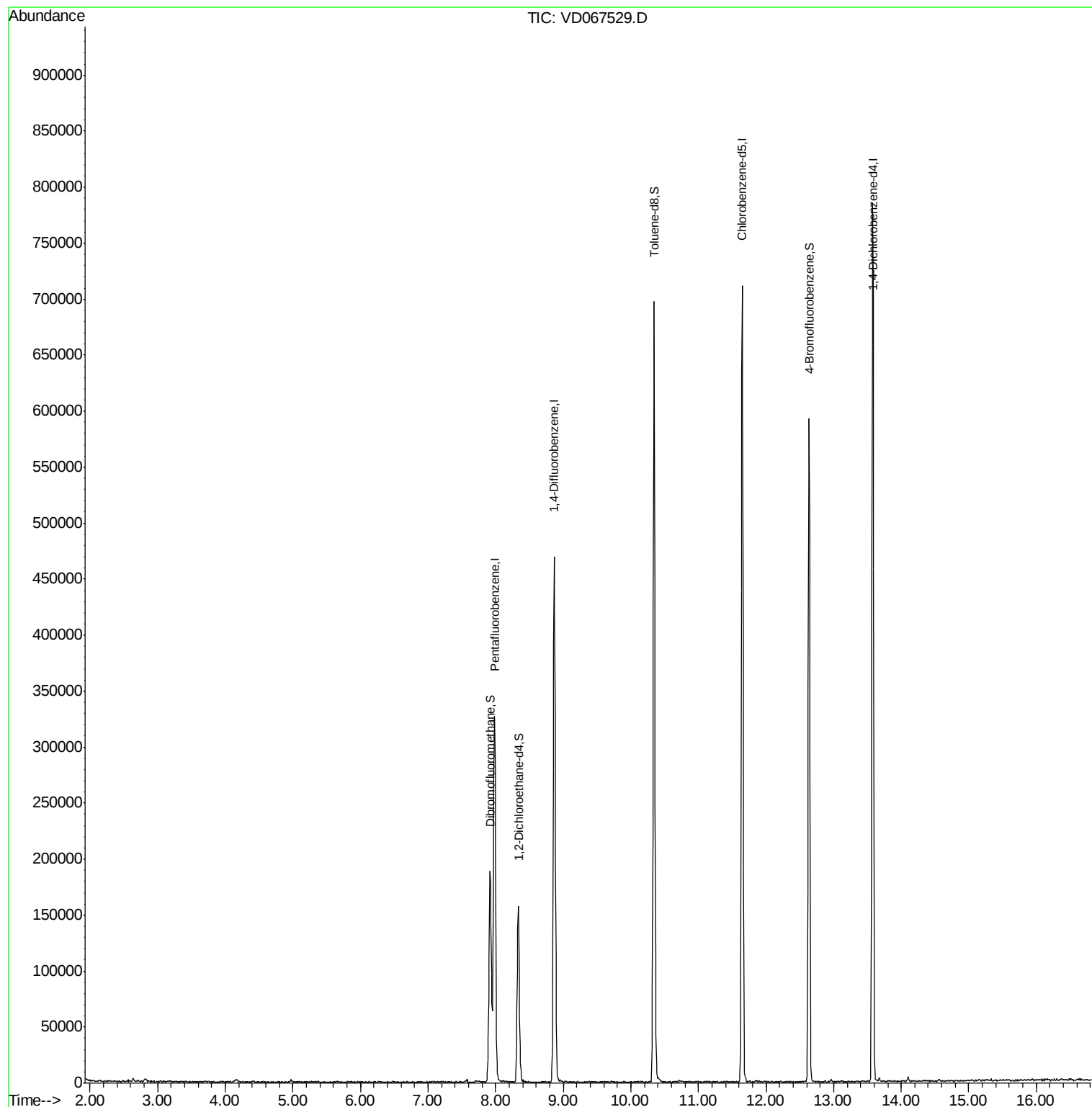
Target Compounds	Qvalue

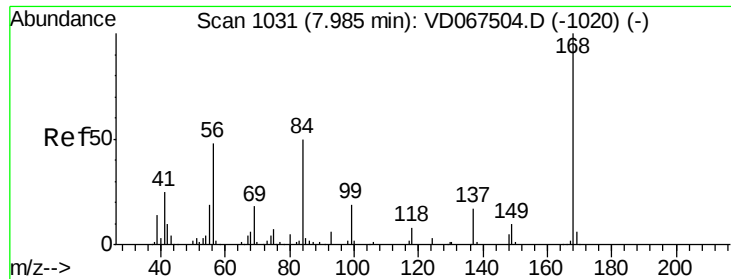
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067529.D

Acq: 04 Nov 2020 19:17

Instrument :

MSVOA_D

ClientSampleId :

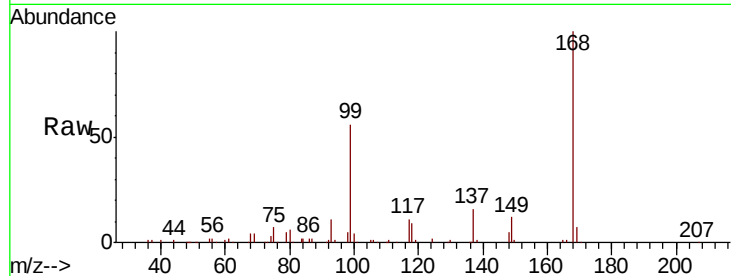
TP-1-3-4-COMPRE

Tot Ion:168 Resp: 252774

Ion Ratio Lower Upper

168 100

99 55.6 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

120000

100000

80000

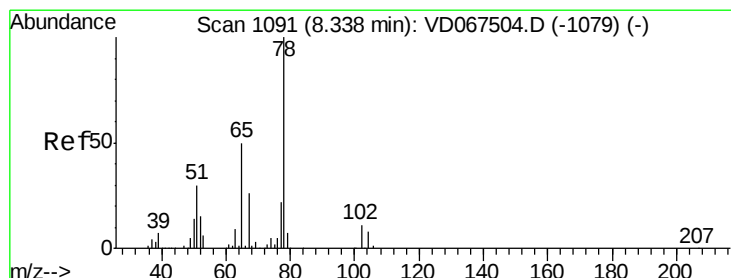
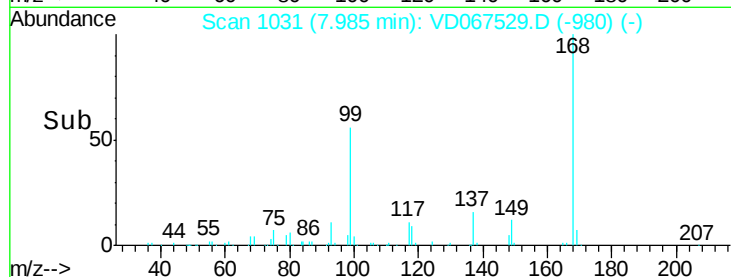
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.772 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067529.D

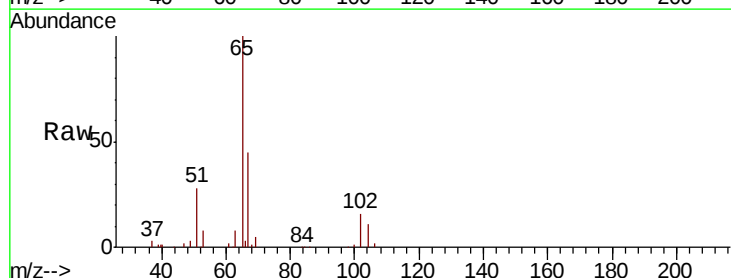
Acq: 04 Nov 2020 19:17

Tgt Ion: 65 Resp: 138740

Ion Ratio Lower Upper

65 100

67 49.7 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

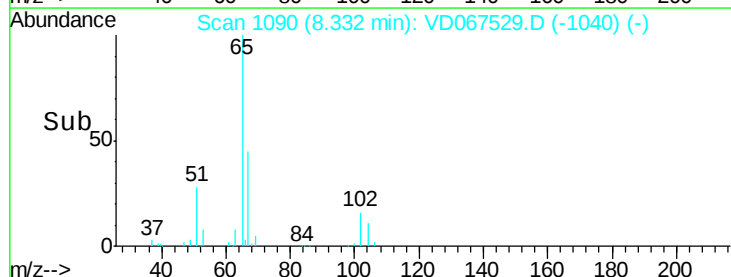
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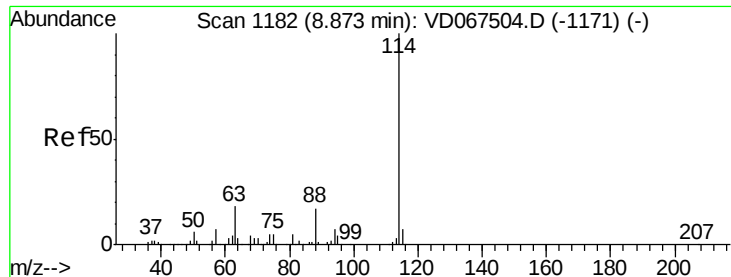
40000

20000

0

Time-->

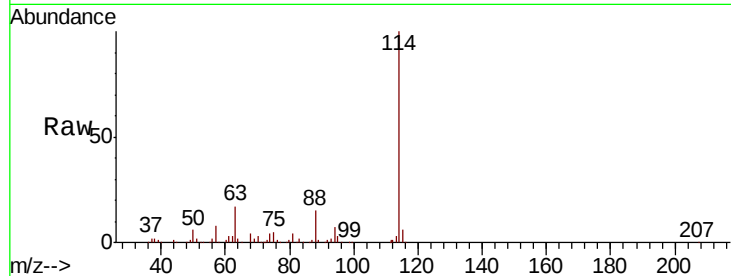




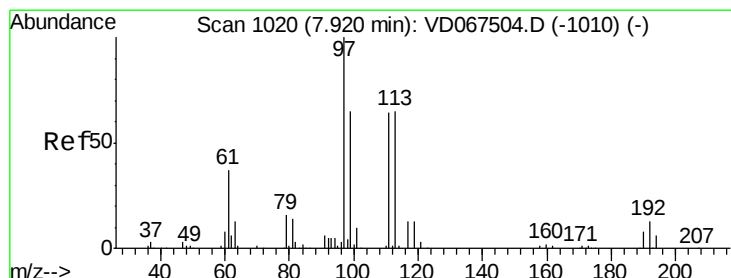
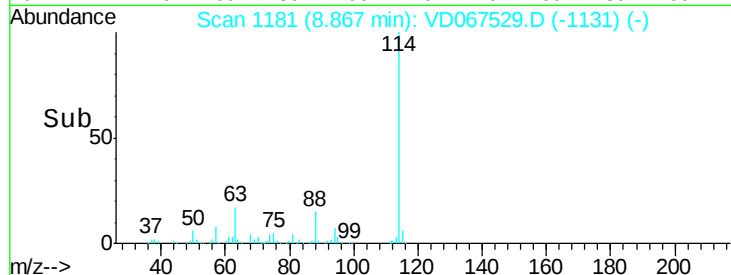
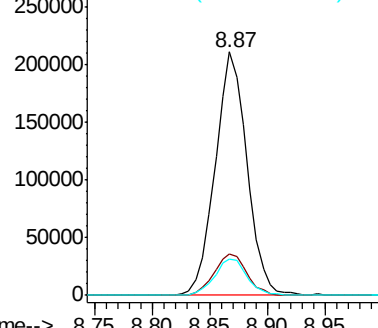
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

Instrument :
MSVOA_D
ClientSampleId :
TP-1-3-4-COMPRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.0
88	15.1	0.0	33.0

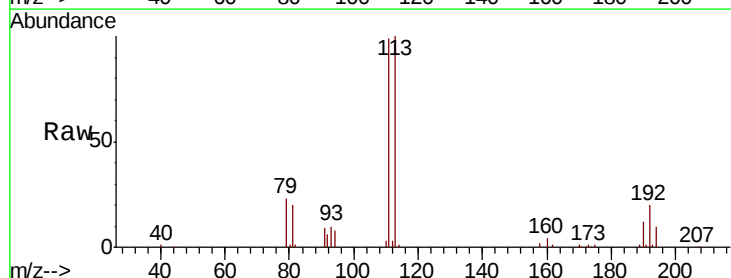


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

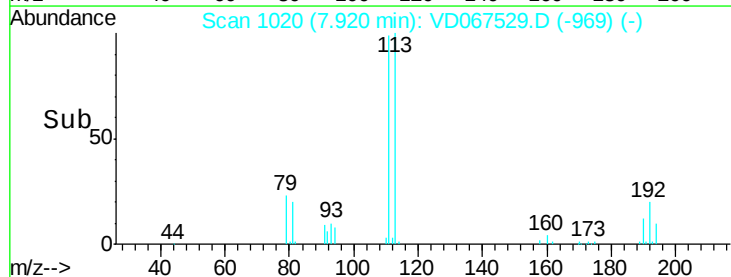
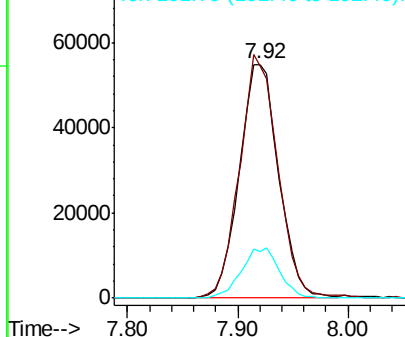


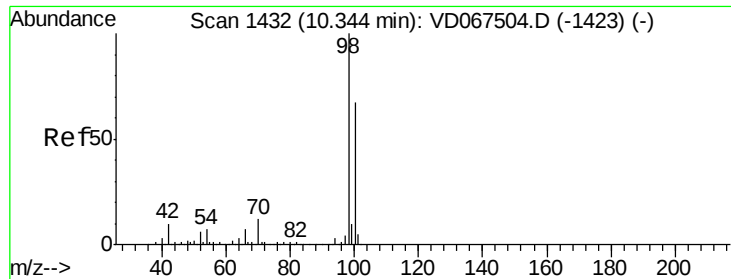
#35
Dibromofluoromethane
Concen: 56.578 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067529.D
Acq: 04 Nov 2020 19:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.0	120.0
192	20.8	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: 56.724 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067529.D

Acq: 04 Nov 2020 19:17

Instrument :

MSVOA_D

ClientSampleId :

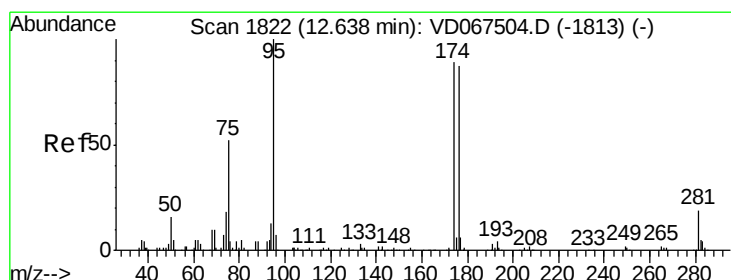
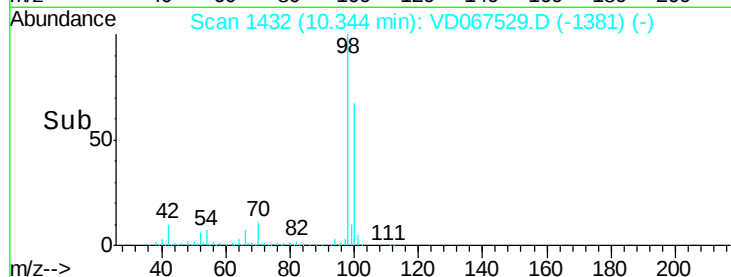
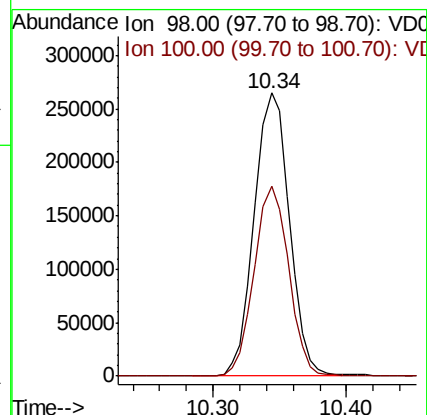
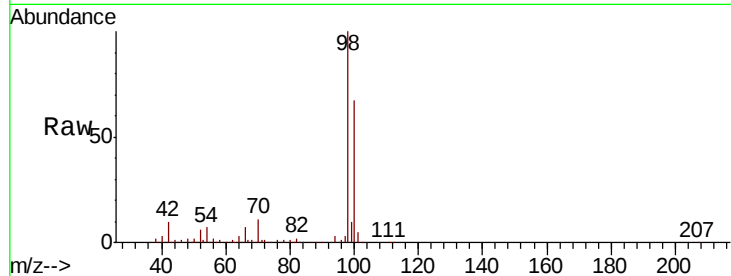
TP-1-3-4-COMPRE

Tot Ion: 98 Resp: 484188

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 63.813 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067529.D

Acq: 04 Nov 2020 19:17

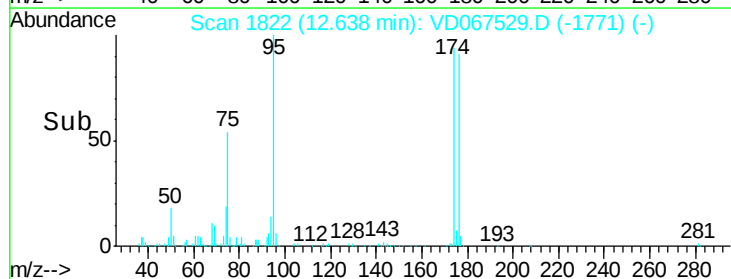
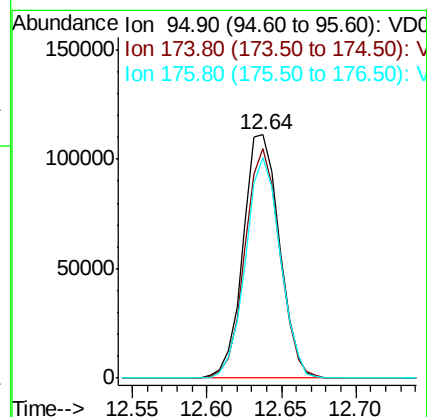
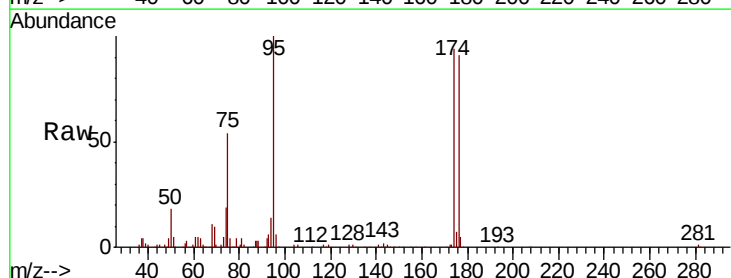
Tgt Ion: 95 Resp: 188054

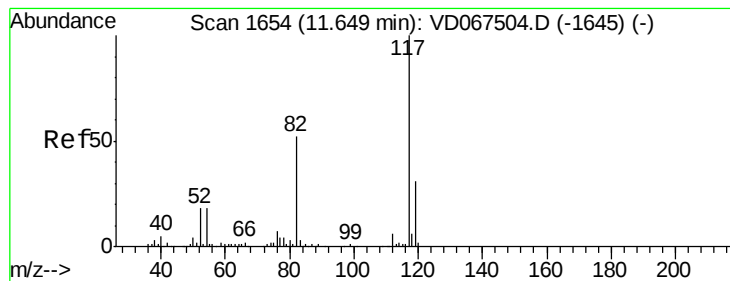
Ion Ratio Lower Upper

95 100

174 90.0 0.0 177.8

176 86.4 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067529.D

Acq: 04 Nov 2020 19:17

Instrument :

MSVOA_D

ClientSampleId :

TP-1-3-4-COMP

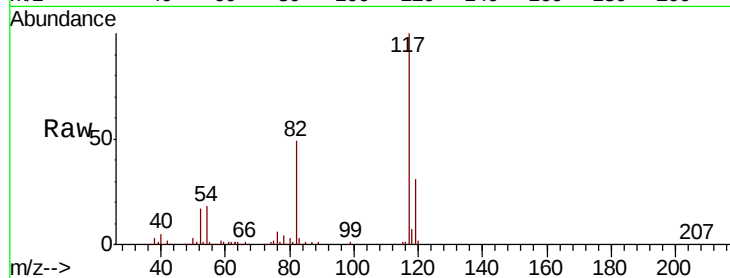
Tot Ion:117 Resp: 425771

Ion Ratio Lower Upper

117 100

82 48.7 41.6 62.4

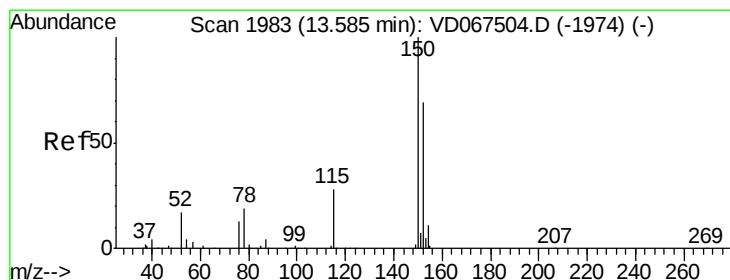
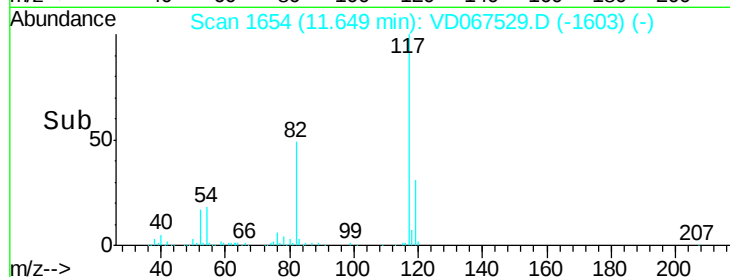
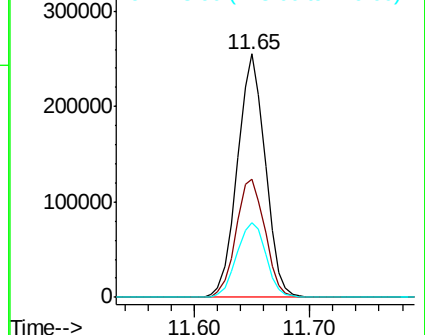
119 30.7 25.1 37.7



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. -0.01 min

Lab File: VD067529.D

Acq: 04 Nov 2020 19:17

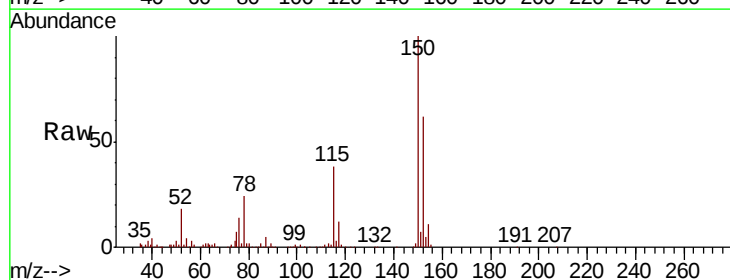
Tgt Ion:152 Resp: 220079

Ion Ratio Lower Upper

152 100

115 59.4 29.3 88.0

150 157.3 0.0 338.2



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

