

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067725.D
 Acq On : 20 Nov 2020 15:25
 Operator : VA/SY
 Sample : L4809-09
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-CON-E

Quant Time: Nov 21 01:11:00 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	7.99	168	127190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	195519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	232445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	79160	71.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.36%	
35) Dibromofluoromethane	7.92	113	41684	35.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.78%	
50) Toluene-d8	10.34	98	236029	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	
62) 4-Bromofluorobenzene	12.64	95	103545	72.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.90%	

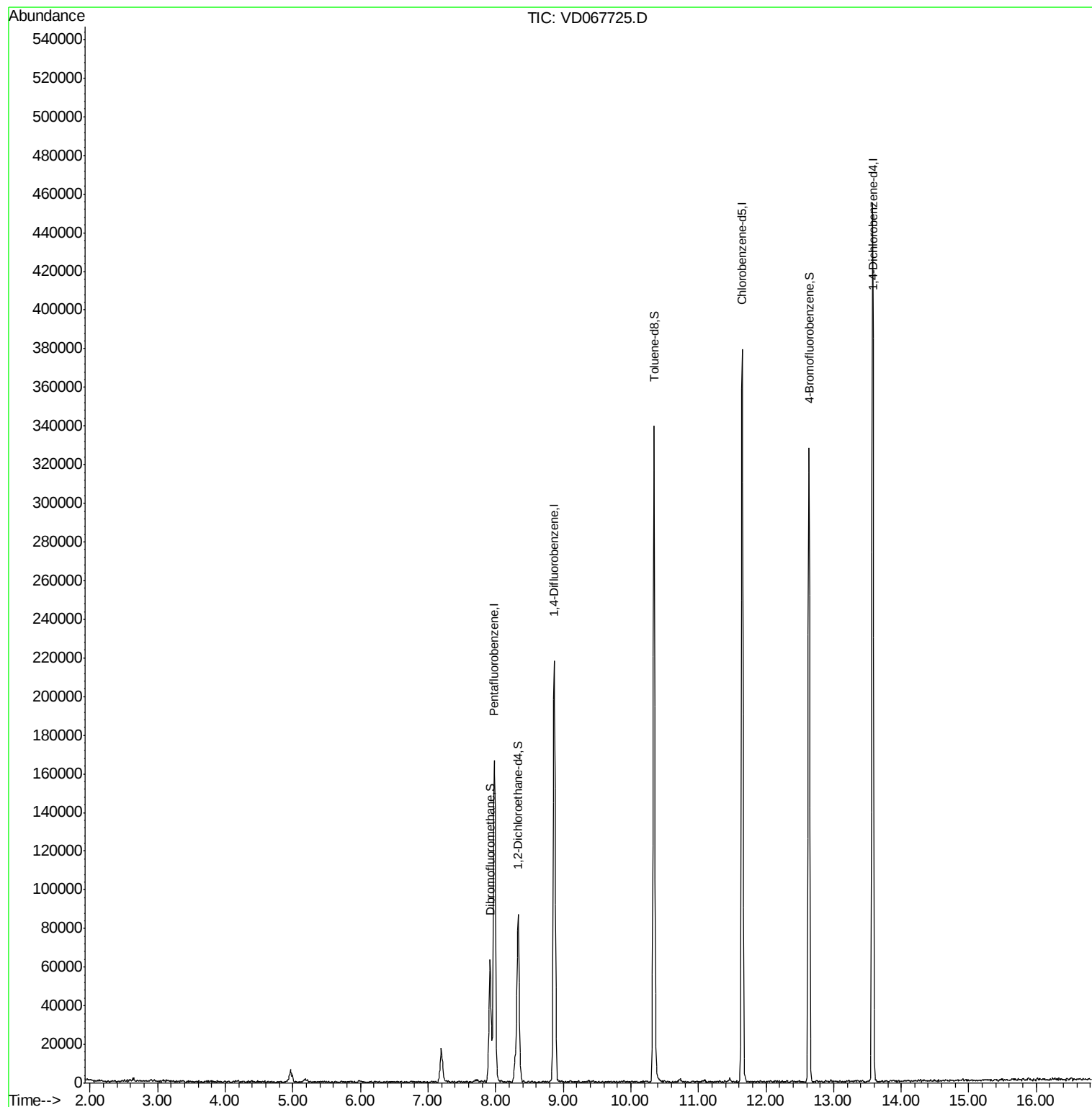
Target Compounds	Qvalue

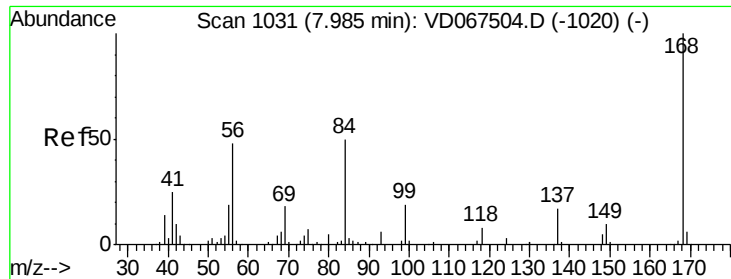
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067725.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

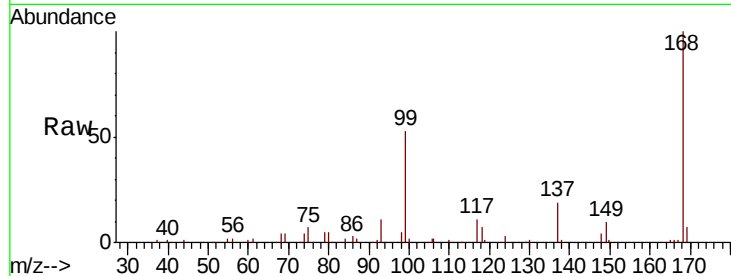
MS-CON-E

Tot Ion:168 Resp: 127190

Ion Ratio Lower Upper

168 100

99 52.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

60000

50000

40000

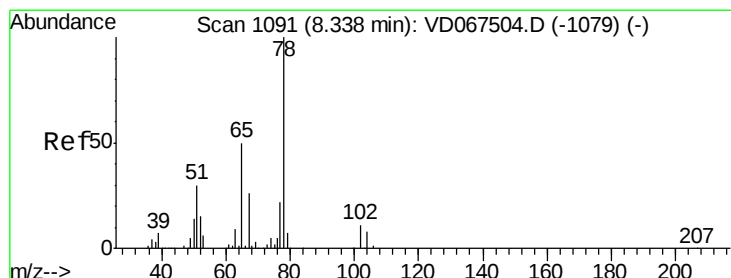
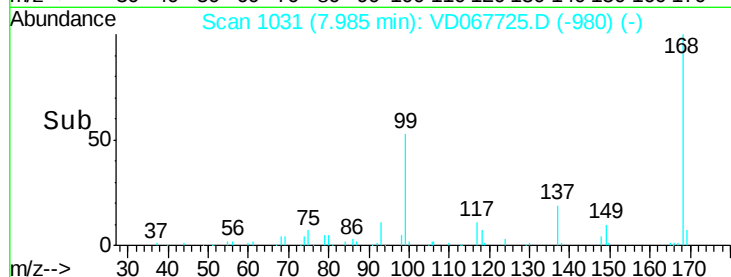
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 71.178 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067725.D

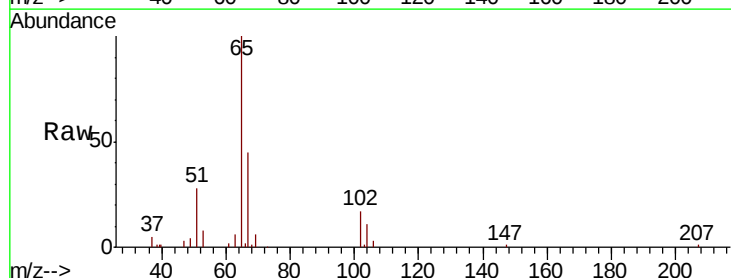
Acq: 20 Nov 2020 15:25

Tgt Ion: 65 Resp: 79160

Ion Ratio Lower Upper

65 100

67 47.6 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

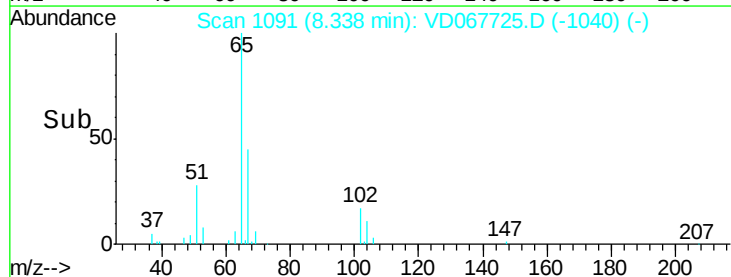
30000

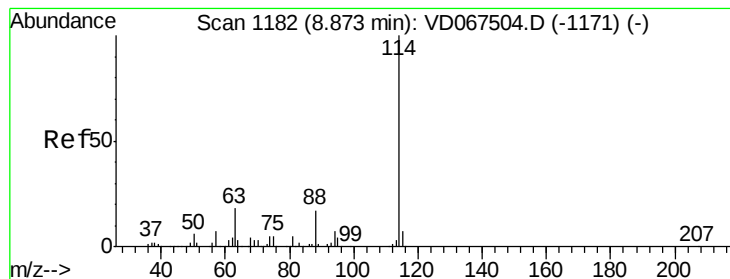
20000

10000

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: VD067725.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

MS-CON-E

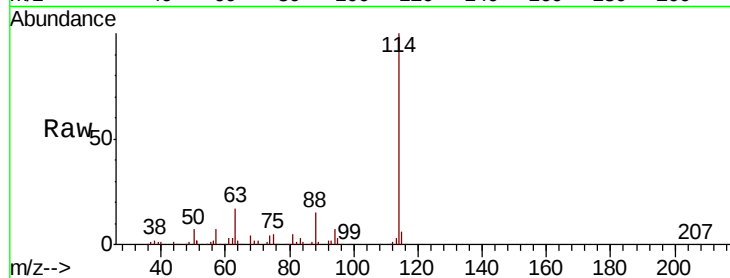
Tot Ion:114 Resp: 195519

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

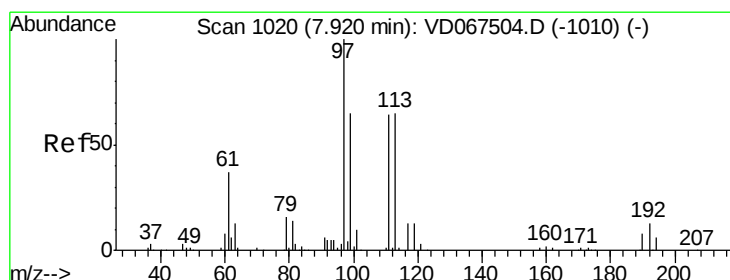
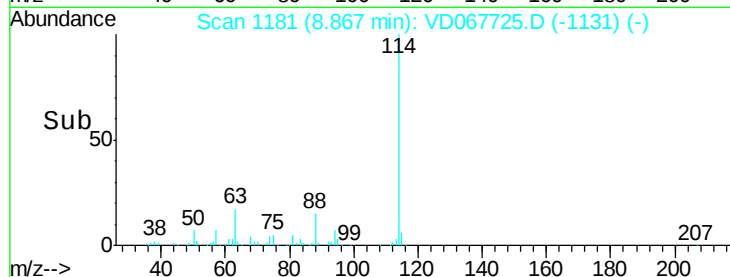
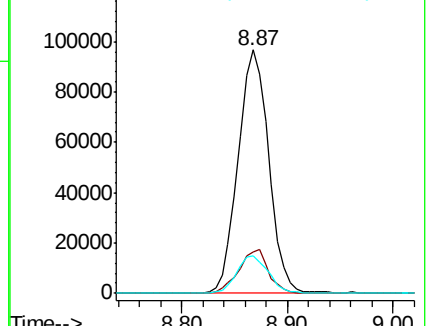
88 15.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 35.386 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067725.D

Acq: 20 Nov 2020 15:25

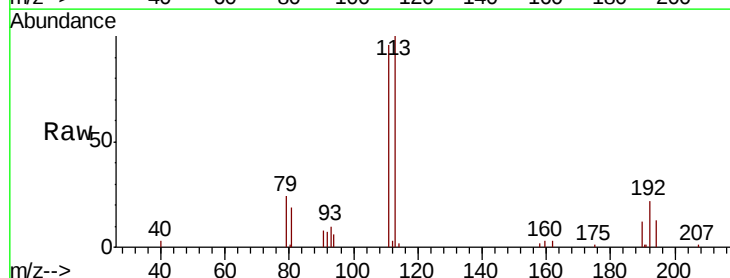
Tgt Ion:113 Resp: 41684

Ion Ratio Lower Upper

113 100

111 101.0 80.0 120.0

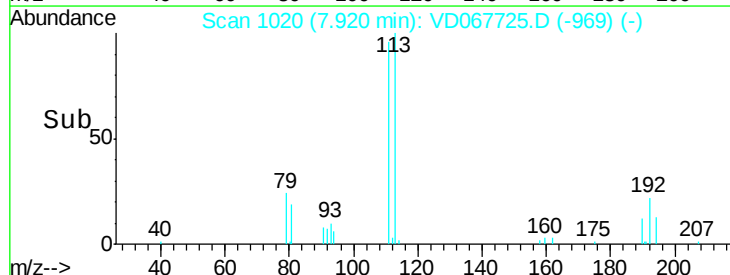
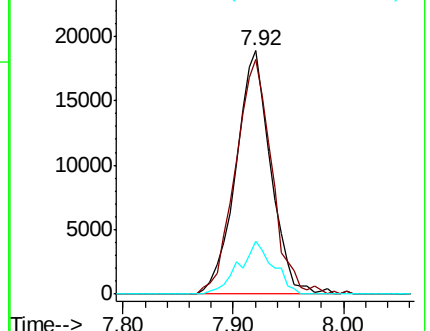
192 21.5 16.3 24.5

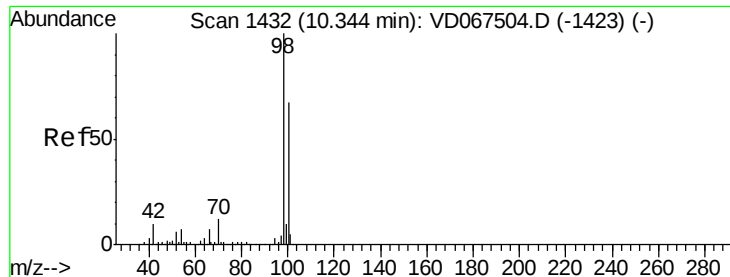


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 57.015 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067725.D

Acq: 20 Nov 2020 15:25

Instrument :

MSVOA_D

ClientSampleId :

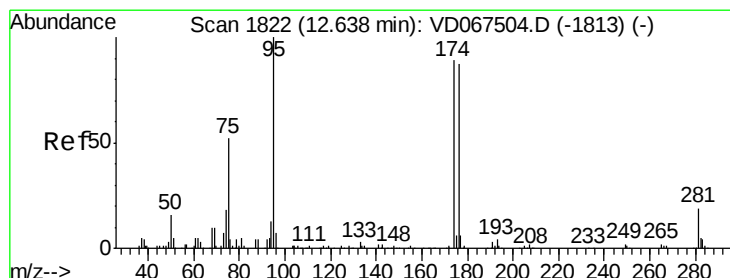
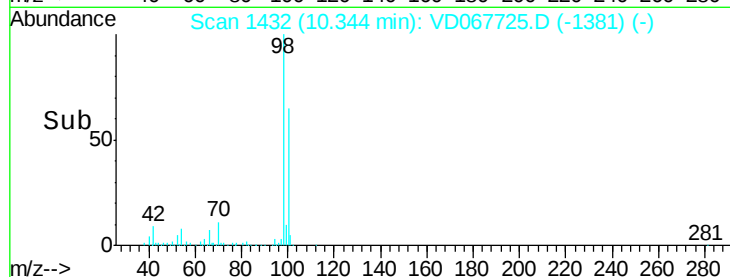
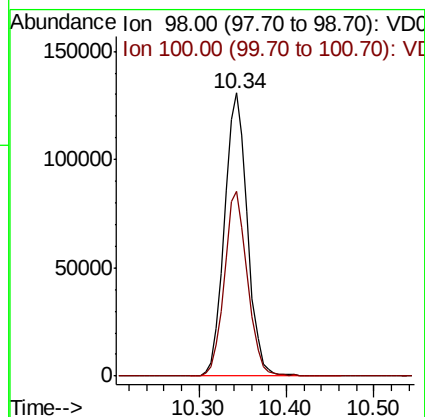
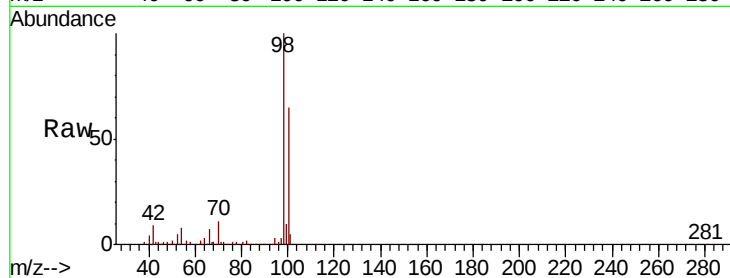
MS-CON-E

Tot Ion: 98 Resp: 236029

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 72.448 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067725.D

Acq: 20 Nov 2020 15:25

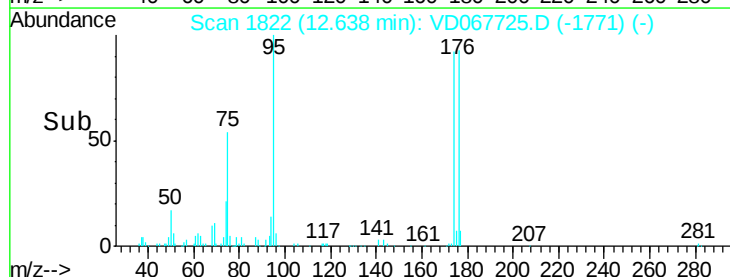
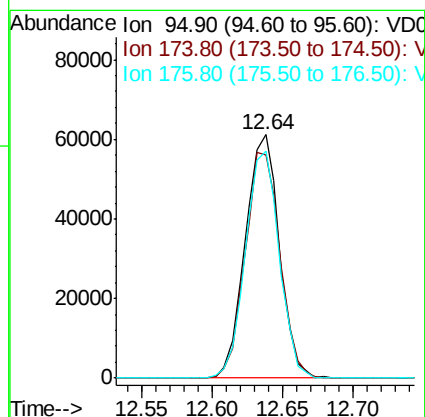
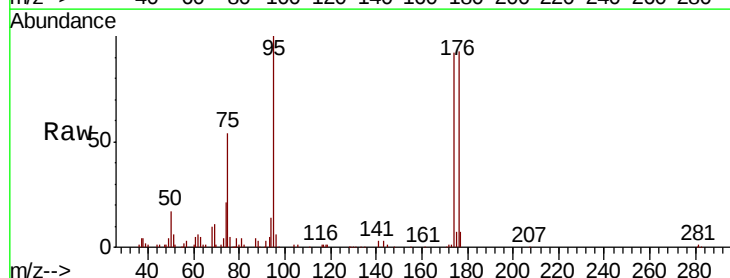
Tgt Ion: 95 Resp: 103545

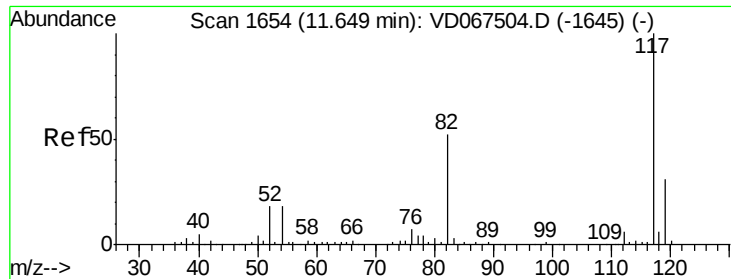
Ion Ratio Lower Upper

95 100

174 94.6 0.0 177.8

176 92.6 0.0 172.0

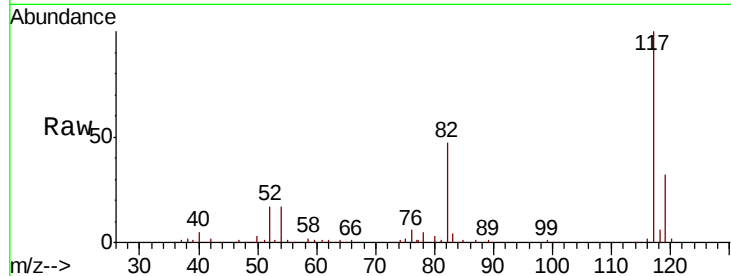




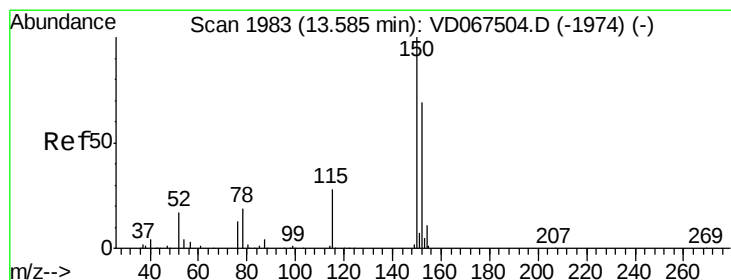
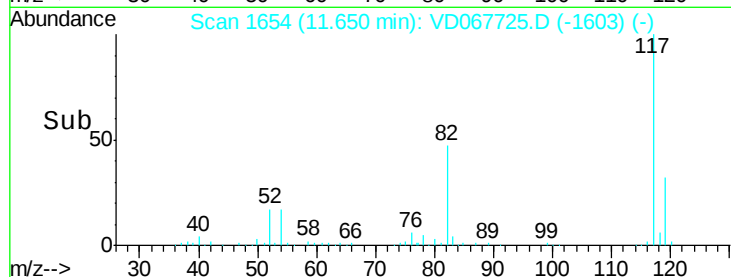
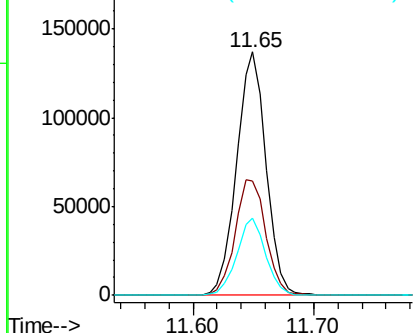
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067725.D
Acq: 20 Nov 2020 15:25

Instrument :
MSVOA_D
ClientSampleId :
MS-CON-E

Tot Ion:117 Resp: 232445
Ion Ratio Lower Upper
117 100
82 47.0 41.6 62.4
119 31.7 25.1 37.7

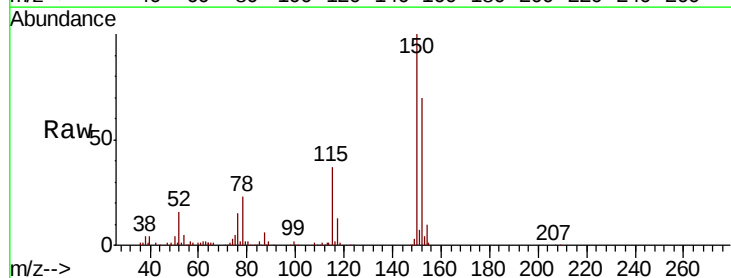


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067725.D
Acq: 20 Nov 2020 15:25

Tgt Ion:152 Resp: 133209
Ion Ratio Lower Upper
152 100
115 55.3 29.3 88.0
150 150.6 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

