

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067724.D
 Acq On : 20 Nov 2020 14:58
 Operator : VA/SY
 Sample : L4809-07
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-CON-D

Quant Time: Nov 21 01:09:18 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	261468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	407431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	439076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231203	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	117226	51.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.54%	
35) Dibromofluoromethane	7.92	113	113885	46.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.78%	
50) Toluene-d8	10.34	98	477296	55.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.66%	
62) 4-Bromofluorobenzene	12.64	95	193136	64.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	129.70%	

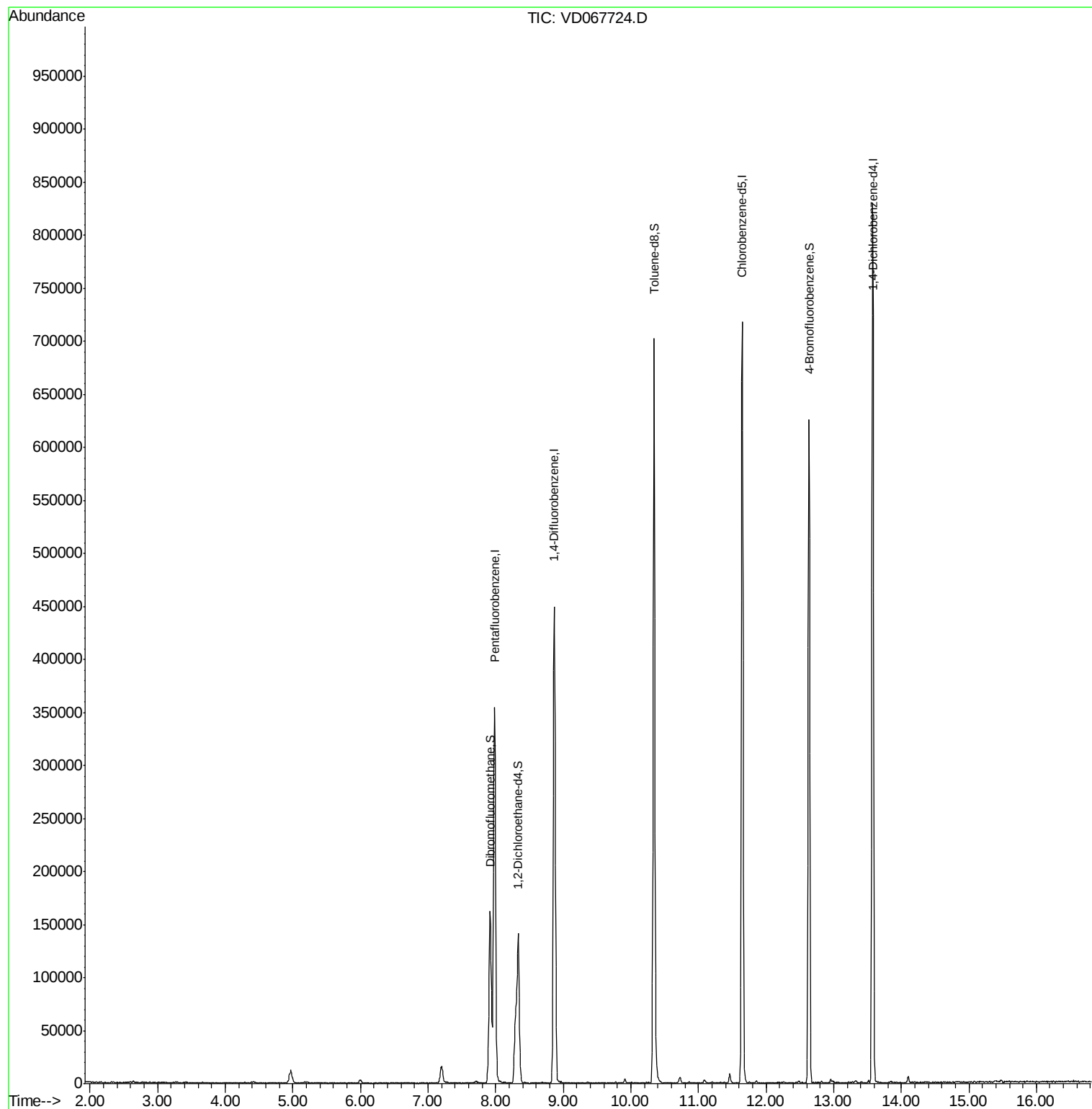
Target Compounds	Qvalue

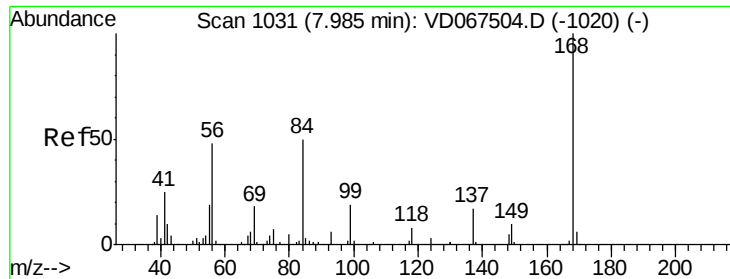
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067724.D

Acq: 20 Nov 2020 14:58

Instrument :

MSVOA_D

ClientSampleId :

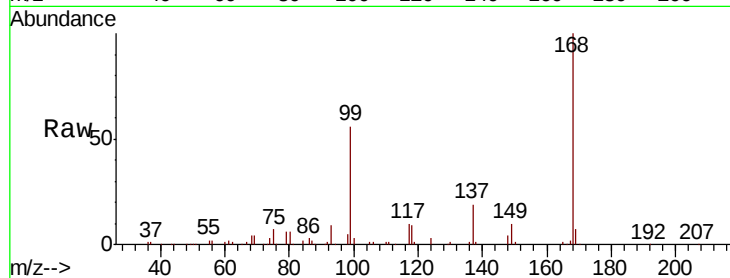
MS-CON-D

Tot Ion:168 Resp: 261468

Ion Ratio Lower Upper

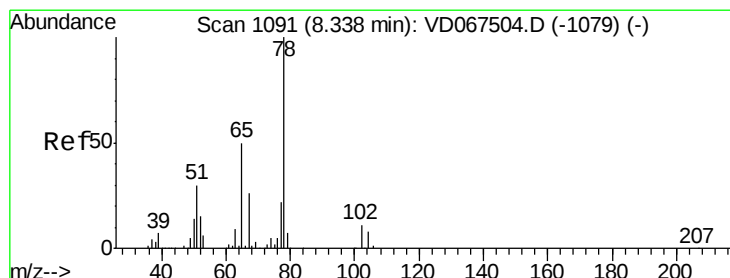
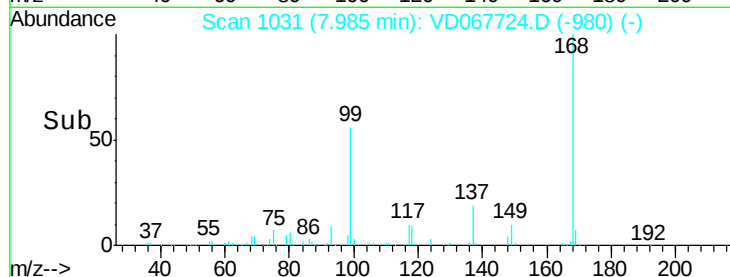
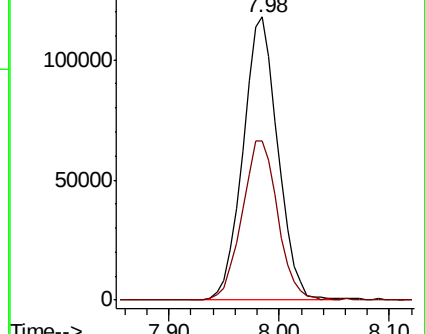
168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 51.274 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067724.D

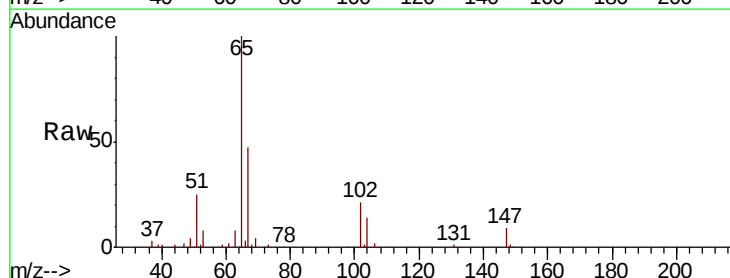
Acq: 20 Nov 2020 14:58

Tgt Ion: 65 Resp: 117226

Ion Ratio Lower Upper

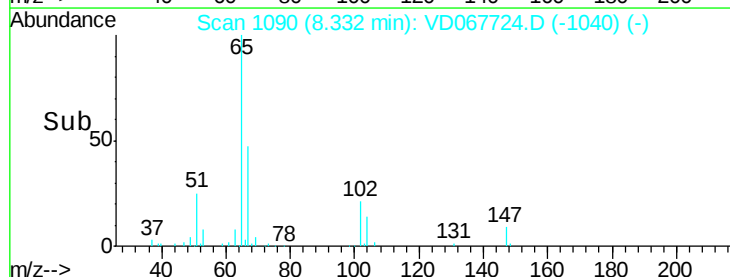
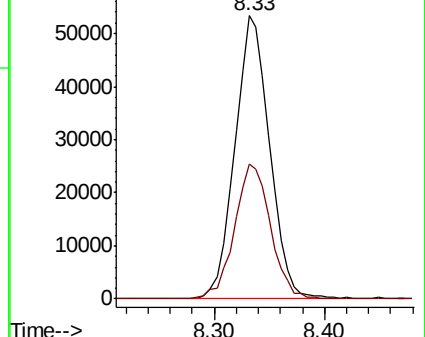
65 100

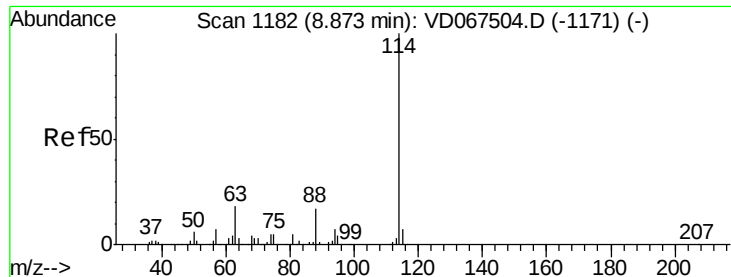
67 49.5 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067724.D

Acq: 20 Nov 2020 14:58

Instrument :

MSVOA_D

ClientSampleId :

MS-CON-D

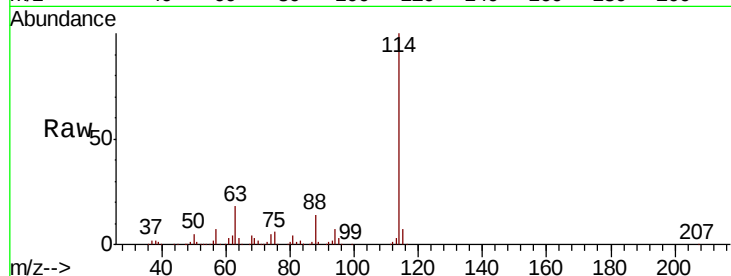
Tot Ion:114 Resp: 407431

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

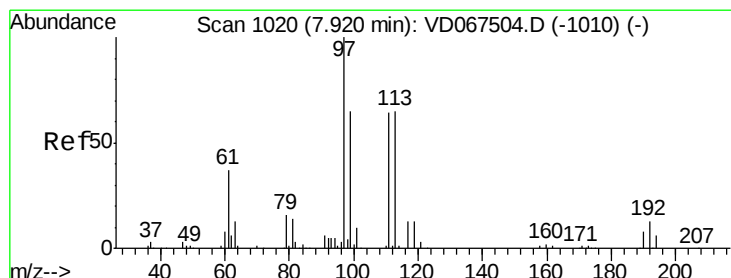
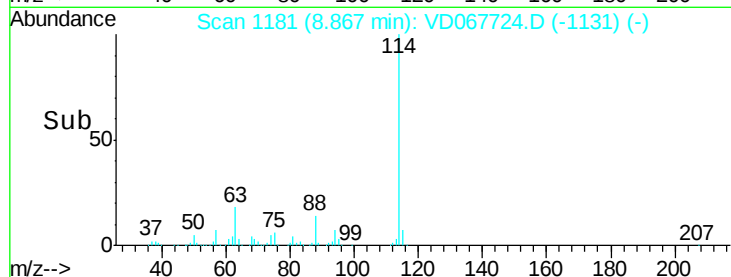
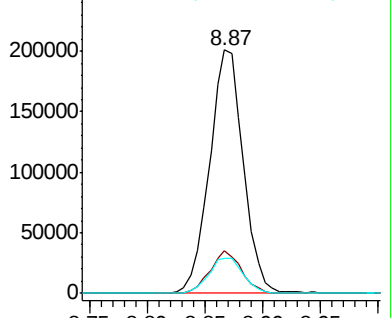
88 14.3 0.0 33.0



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: 46.394 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067724.D

Acq: 20 Nov 2020 14:58

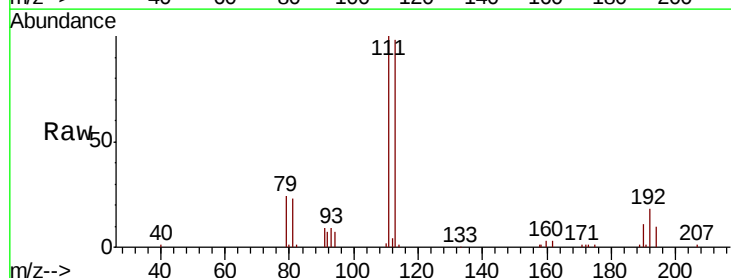
Tgt Ion:113 Resp: 113885

Ion Ratio Lower Upper

113 100

111 105.6 80.0 120.0

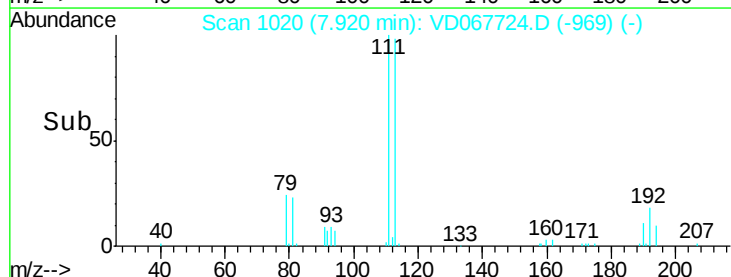
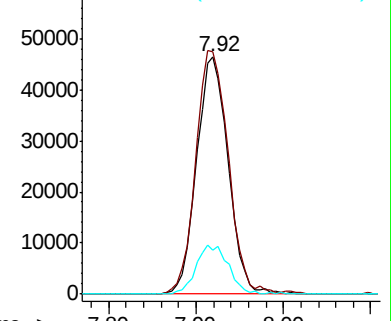
192 21.0 16.3 24.5

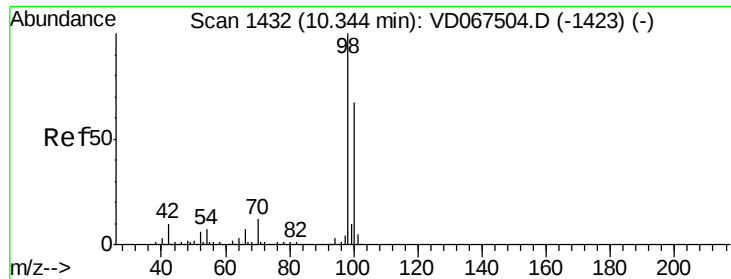


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

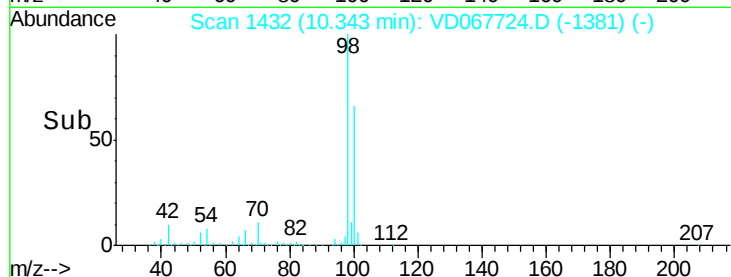
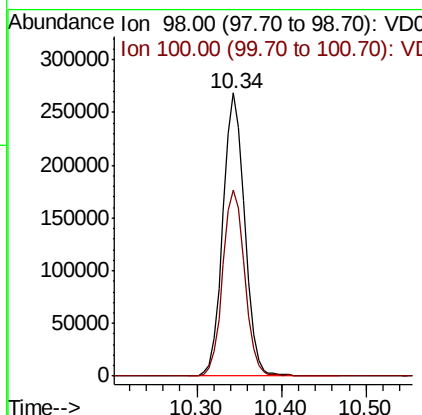
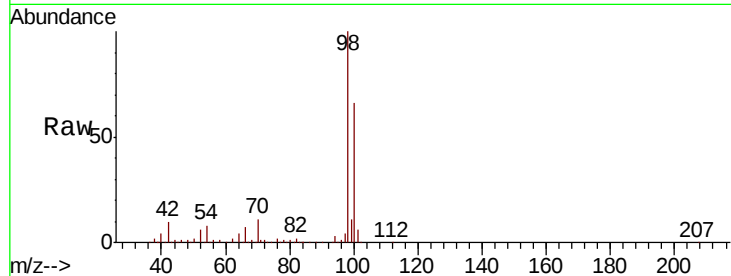




#50
Toluene-d8
Concen: 55.328 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

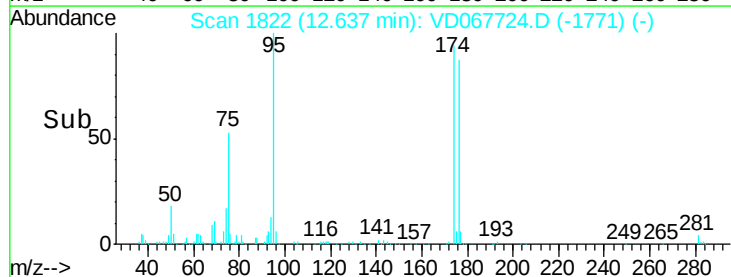
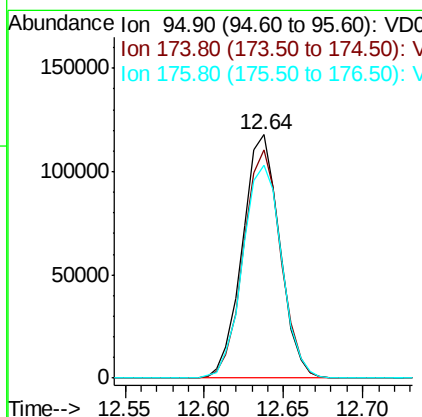
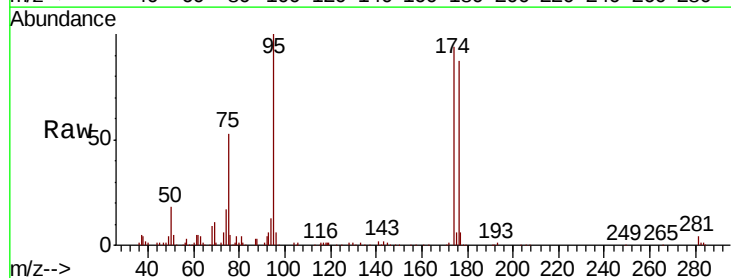
Instrument :
MSVOA_D
ClientSampleId :
MS-CON-D

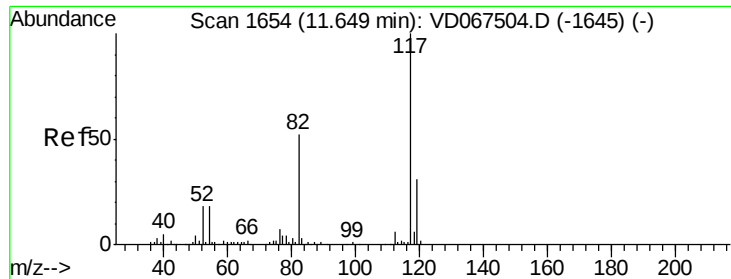
Tot Ion: 98 Resp: 477296
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 64.848 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

Tgt Ion: 95 Resp: 193136
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.8
176 91.2 0.0 172.0

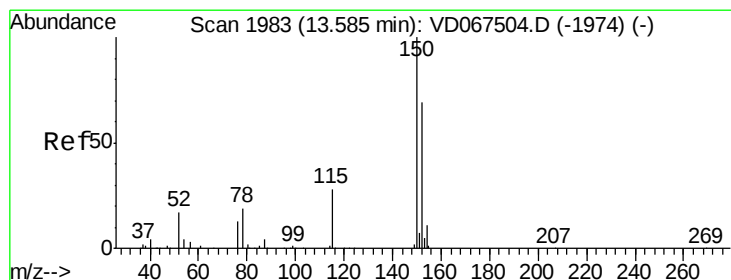
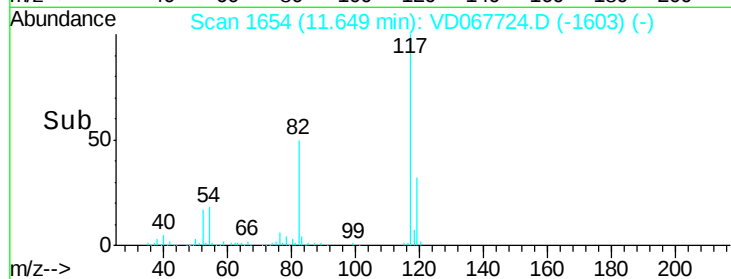
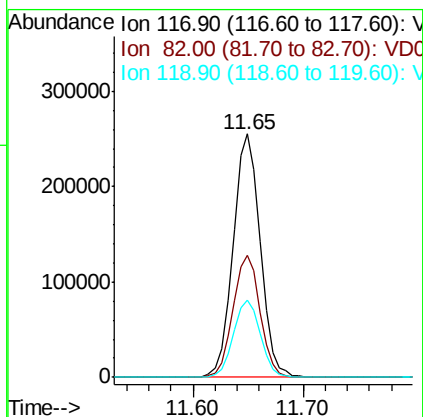
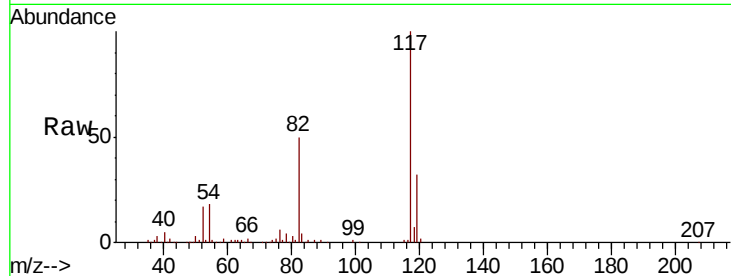




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

Instrument :
MSVOA_D
ClientSampleId :
MS-CON-D

Tot Ion:117 Resp: 439076
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 31.7 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: VD067724.D
Acq: 20 Nov 2020 14:58

Tgt Ion:152 Resp: 231203
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 160.9 0.0 338.2

