

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067723.D
 Acq On : 20 Nov 2020 14:30
 Operator : VA/SY
 Sample : L4809-05
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-CON-C

Quant Time: Nov 21 01:05:49 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	263899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	404324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	432125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227838	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	112999	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.92	113	106058	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	
50) Toluene-d8	10.34	98	482979	56.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.84%	
62) 4-Bromofluorobenzene	12.64	95	193048	65.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.64%	

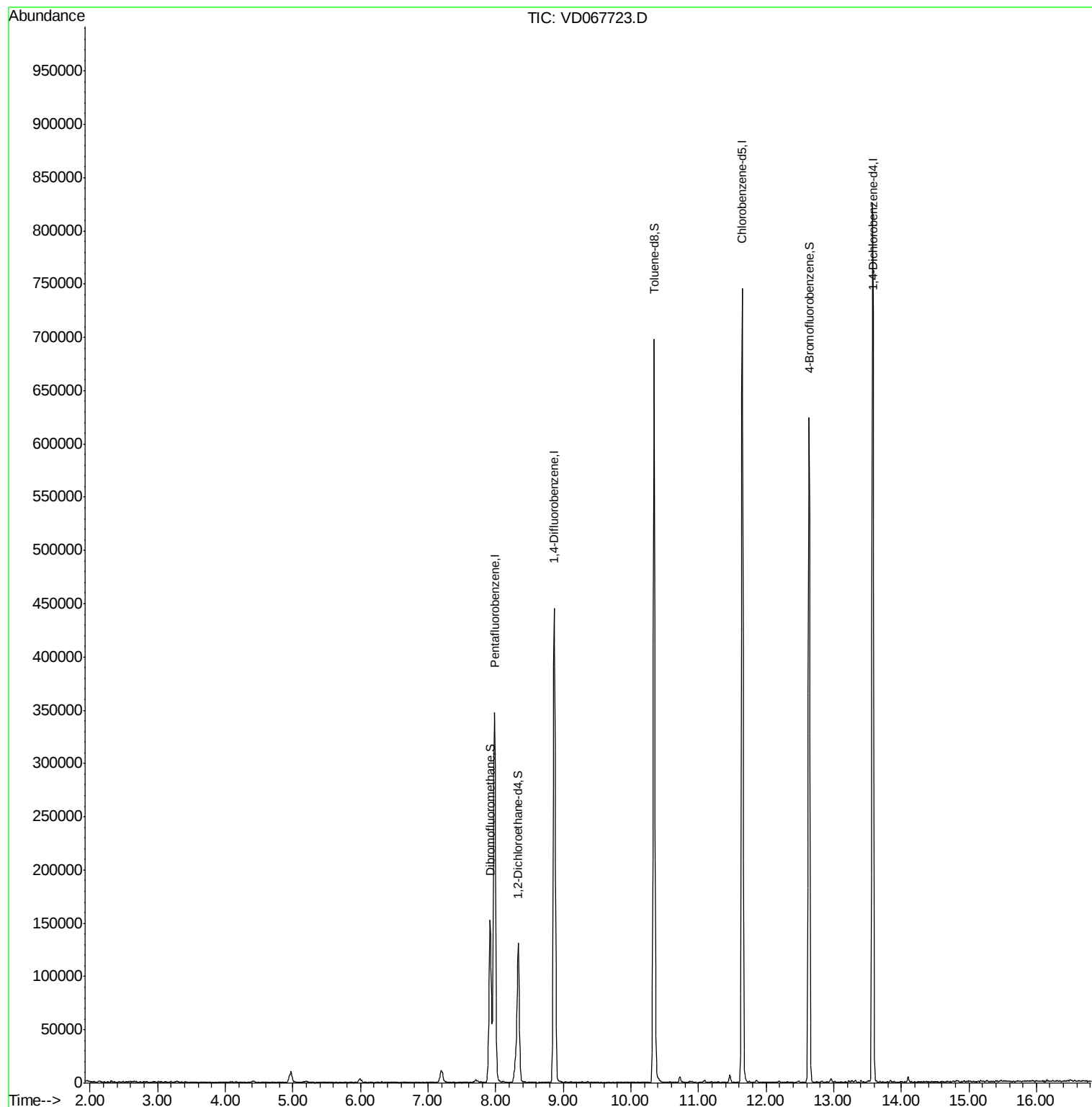
Target Compounds	Qvalue
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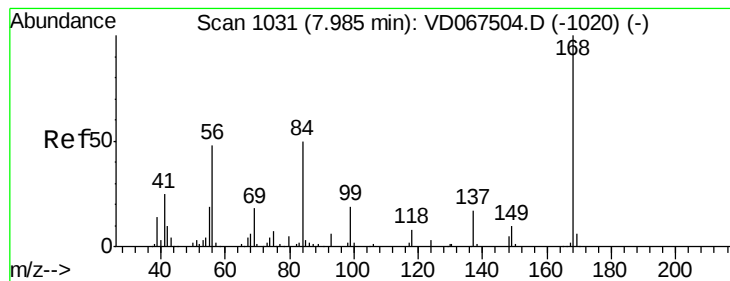
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067723.D

Acq: 20 Nov 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

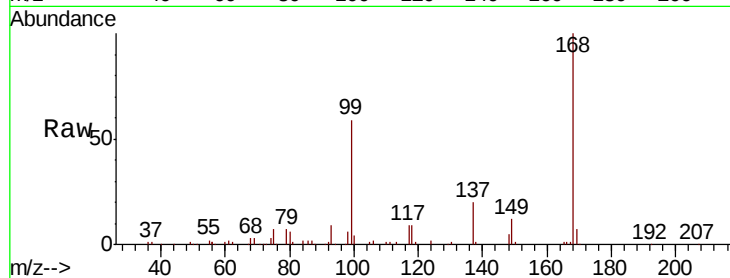
MS-CON-C

Tot Ion:168 Resp: 263899

Ion Ratio Lower Upper

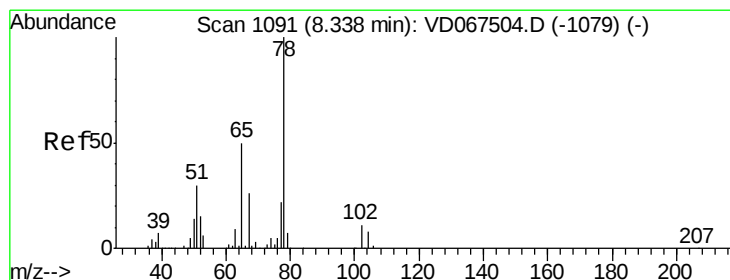
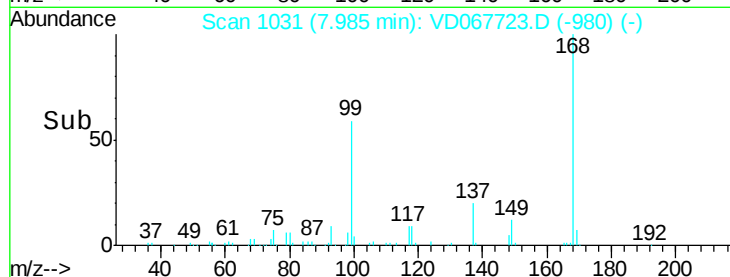
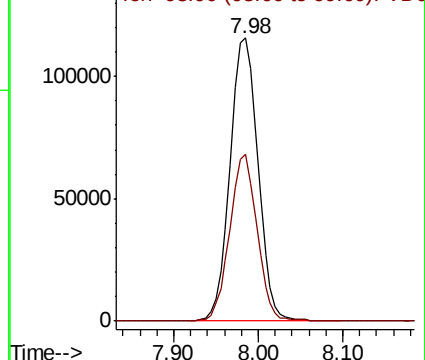
168 100

99 58.7 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: 48.970 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067723.D

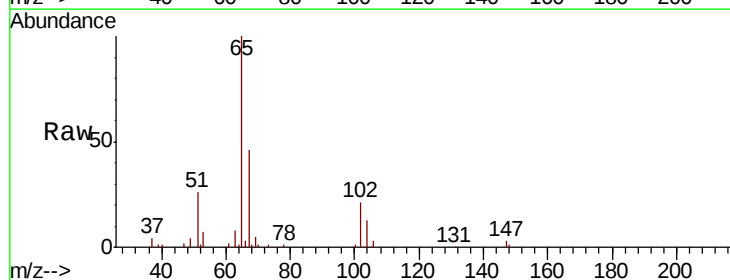
Acq: 20 Nov 2020 14:30

Tgt Ion: 65 Resp: 112999

Ion Ratio Lower Upper

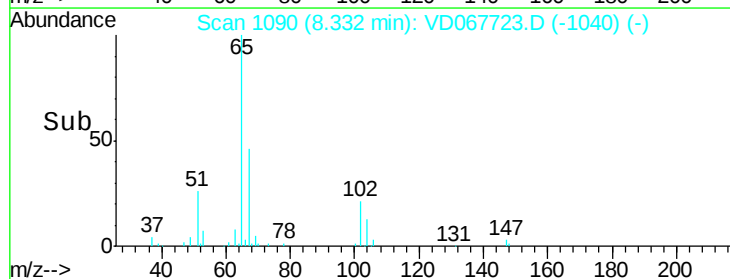
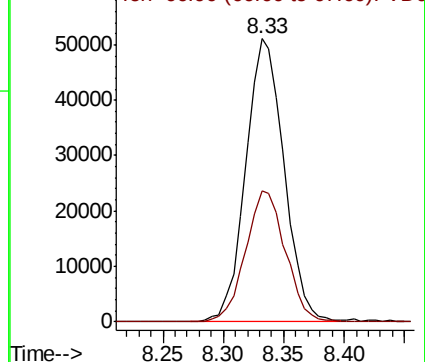
65 100

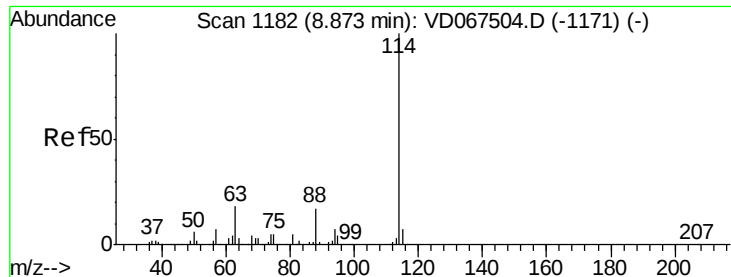
67 47.9 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

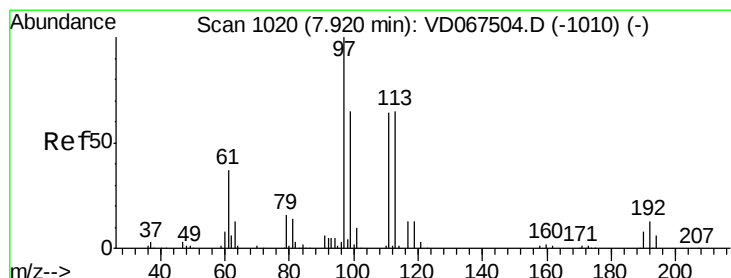
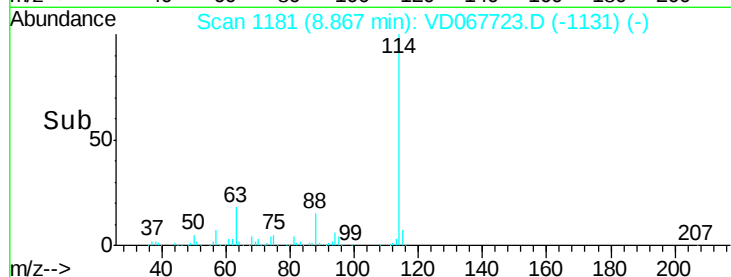
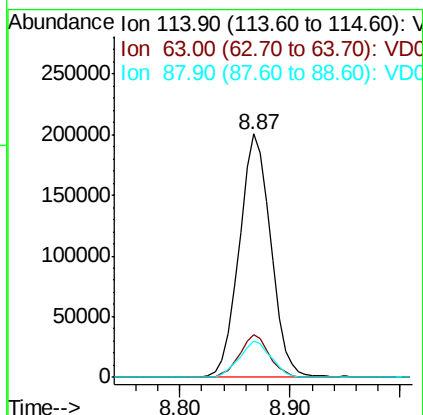
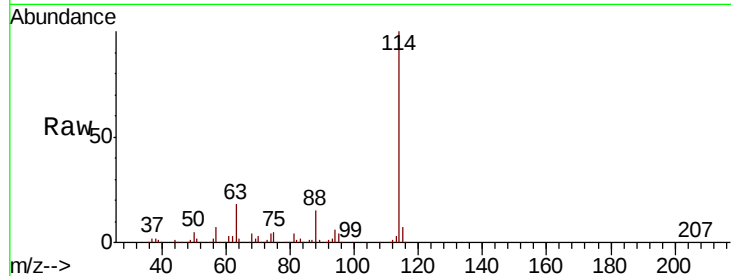




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067723.D
 Acq: 20 Nov 2020 14:30

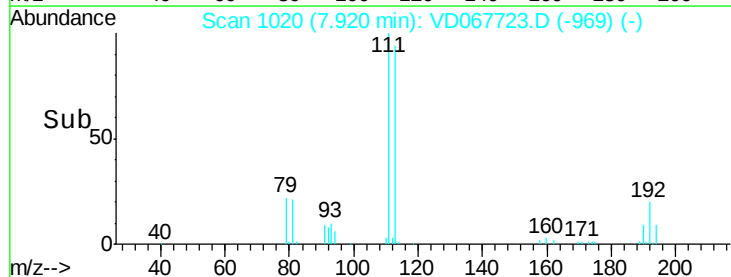
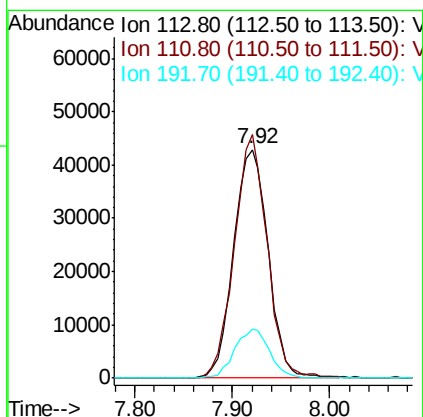
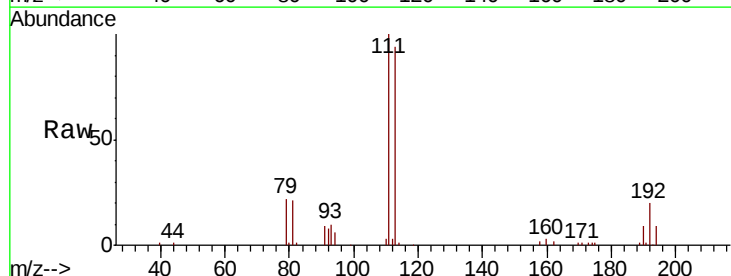
Instrument :
 MSVOA_D
 ClientSampleID :
 MS-CON-C

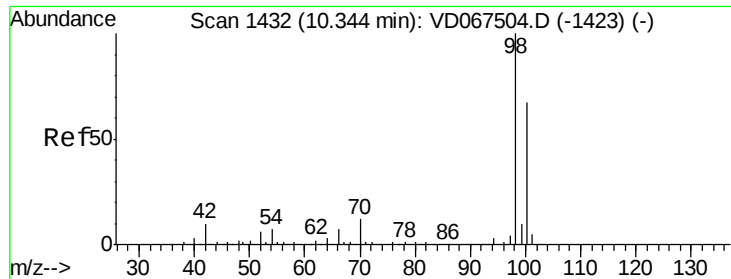
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.0
88	15.1	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 43.537 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067723.D
 Acq: 20 Nov 2020 14:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.0	120.0
192	21.4	16.3	24.5





#50

Toluene-d8

Concen: 56.417 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067723.D

Acq: 20 Nov 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

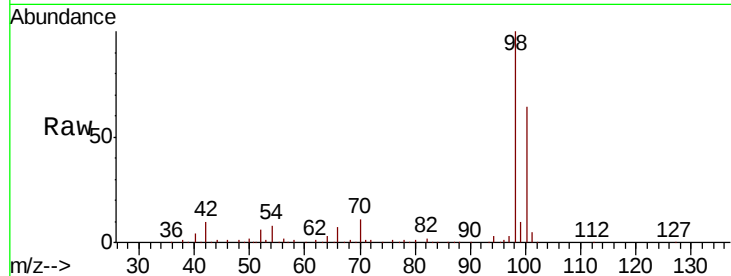
MS-CON-C

Tot Ion: 98 Resp: 482979

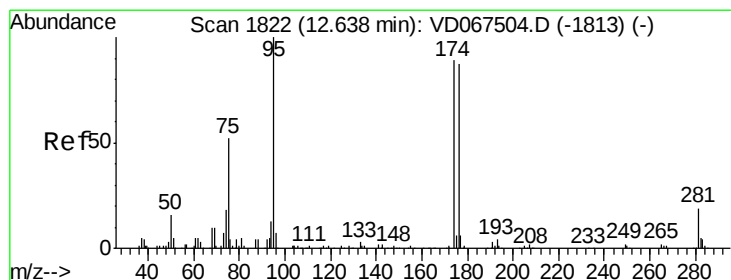
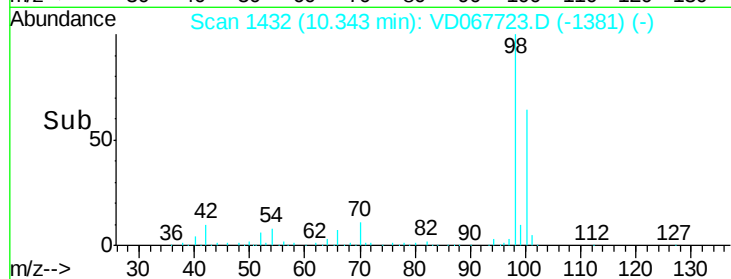
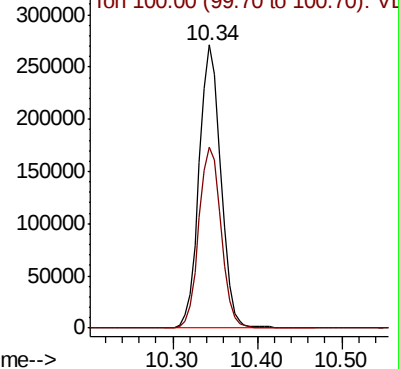
Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VD067723.D (-1381) (-)



#62

4-Bromofluorobenzene

Concen: 65.316 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067723.D

Acq: 20 Nov 2020 14:30

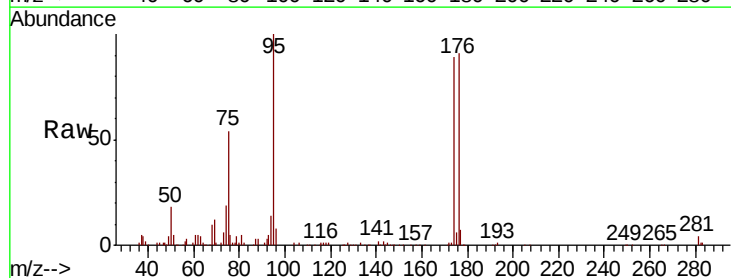
Tgt Ion: 95 Resp: 193048

Ion Ratio Lower Upper

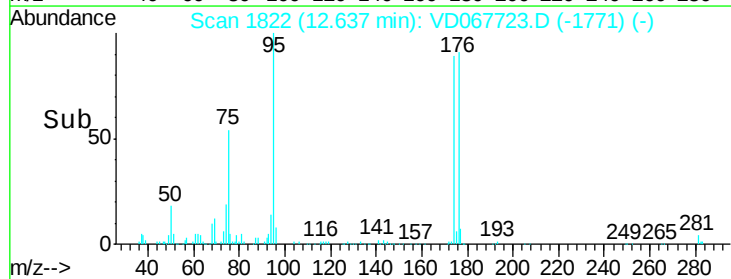
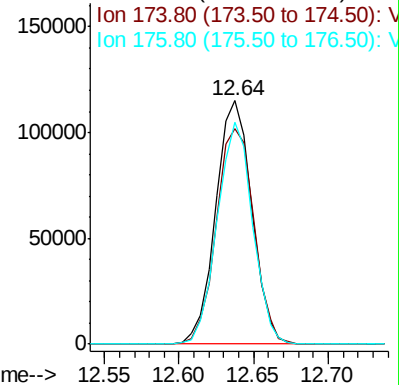
95 100

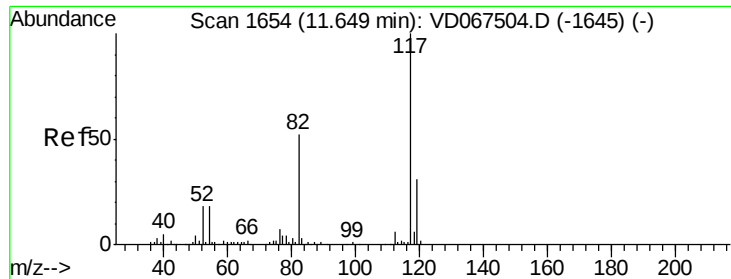
174 91.7 0.0 177.8

176 88.9 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD067723.D (-1771) (-)

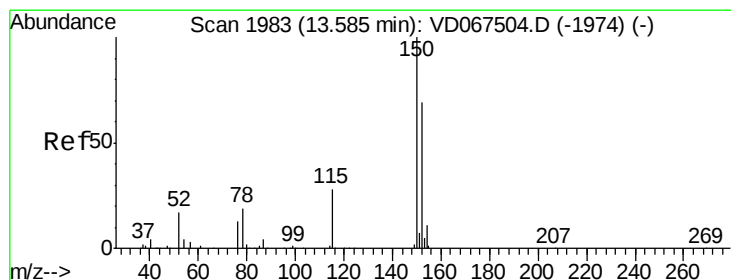
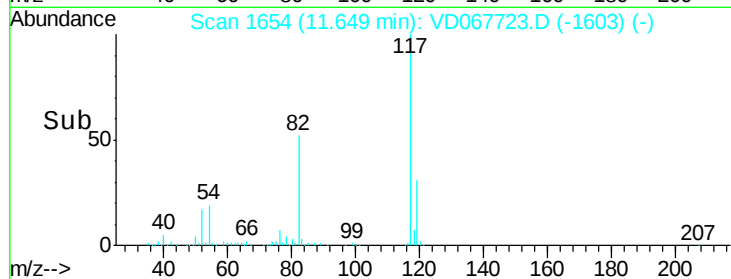
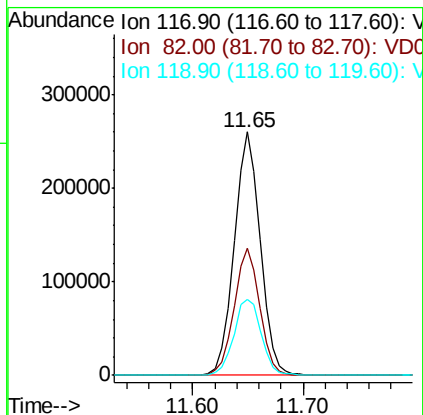
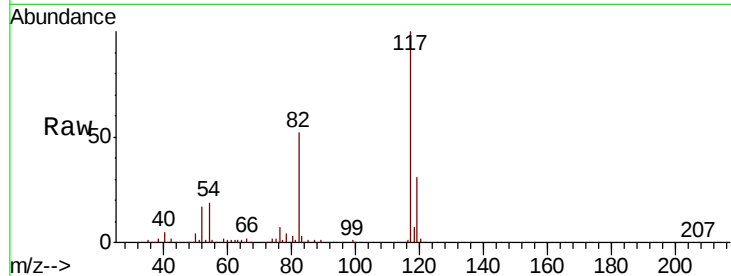




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067723.D
Acq: 20 Nov 2020 14:30

Instrument :
MSVOA_D
ClientSampleId :
MS-CON-C

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.6	62.4
119	31.1	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: VD067723.D
Acq: 20 Nov 2020 14:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.3	88.0
150	157.5	0.0	338.2

