

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066792.D
 Acq On : 21 Sep 2020 19:32
 Operator : VA/SY
 Sample : L4048-06
 Misc : 4.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Q-2

Quant Time: Sep 22 01:35:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	393890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	730639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	732255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	330511	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	224636	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
35) Dibromofluoromethane	7.91	113	237273	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.34	98	893743	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
62) 4-Bromofluorobenzene	12.63	95	323250	58.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.36%	

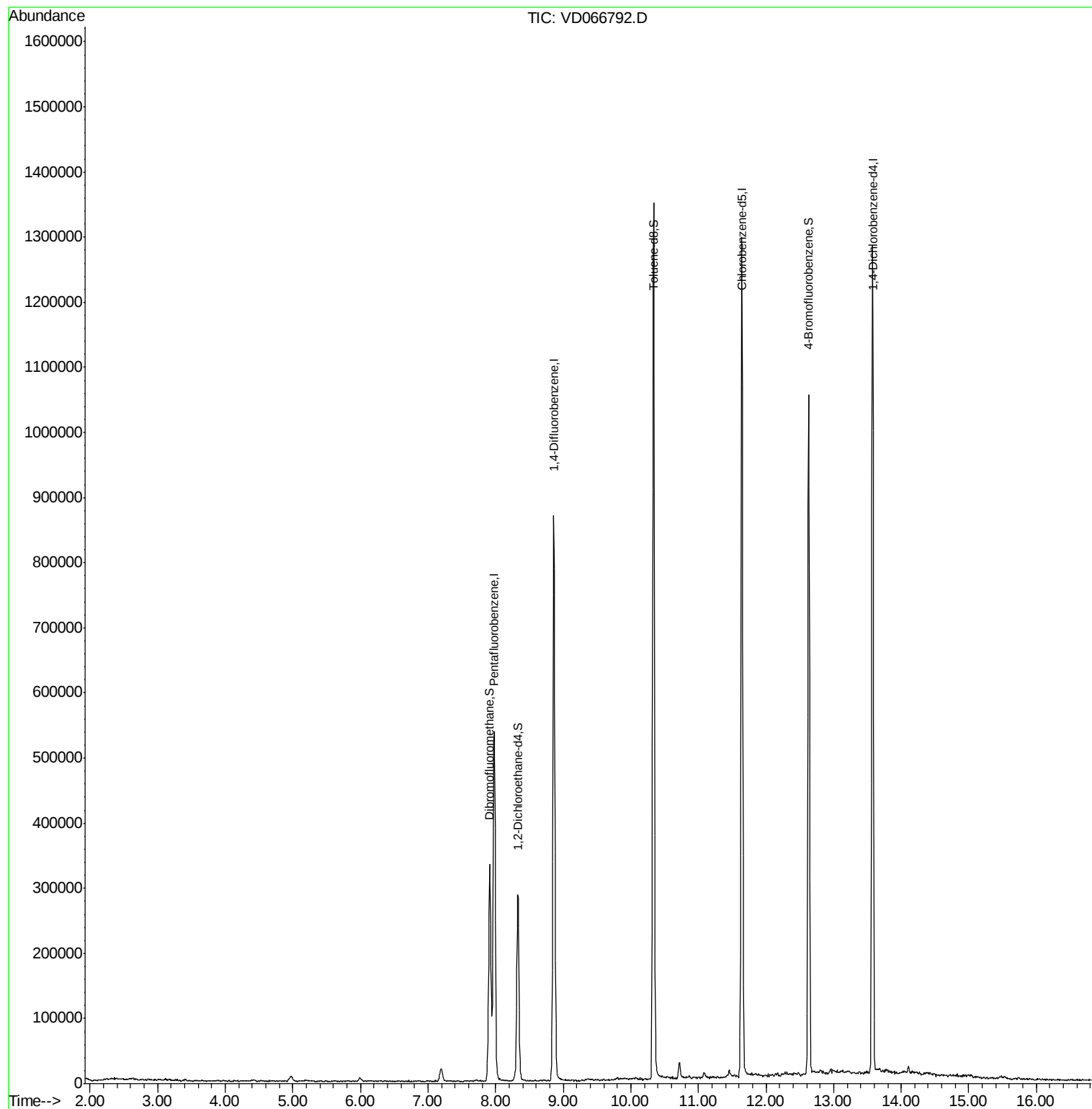
Target Compounds	Qvalue

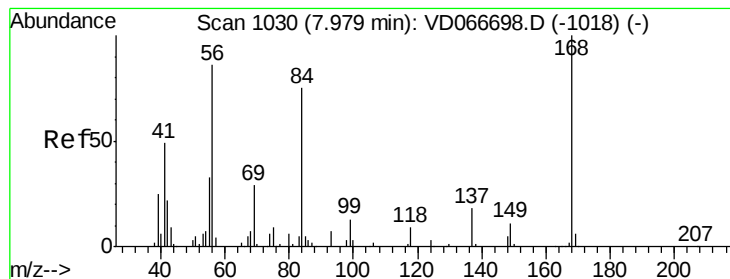
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066792.D

Acq: 21 Sep 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

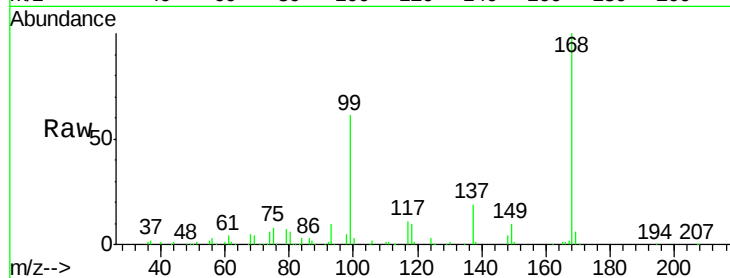
Q-2

Tot Ion:168 Resp: 393890

Ion Ratio Lower Upper

168 100

99 61.0 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

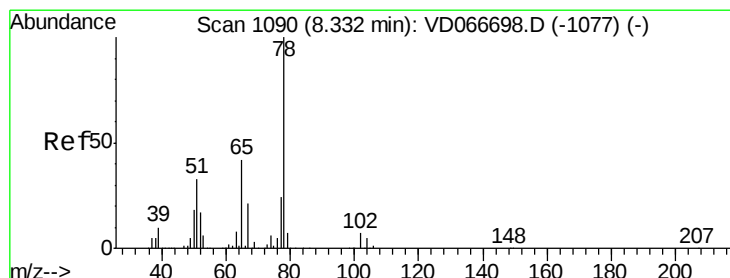
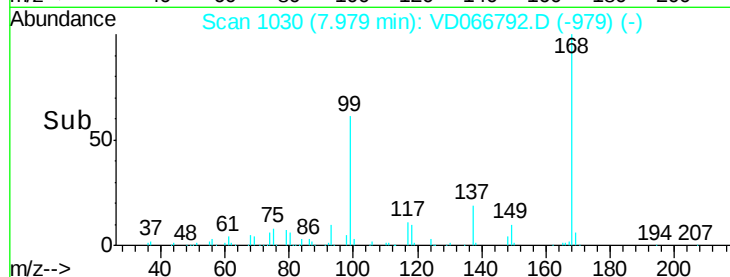
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.452 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066792.D

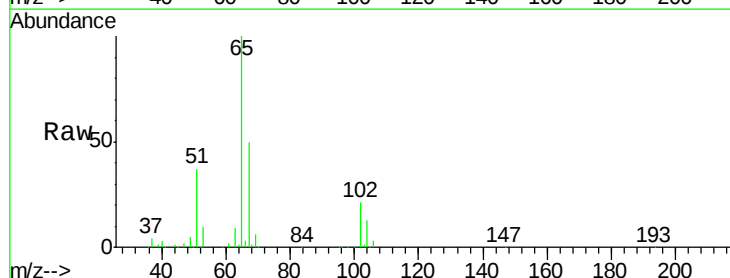
Acq: 21 Sep 2020 19:32

Tgt Ion: 65 Resp: 224636

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

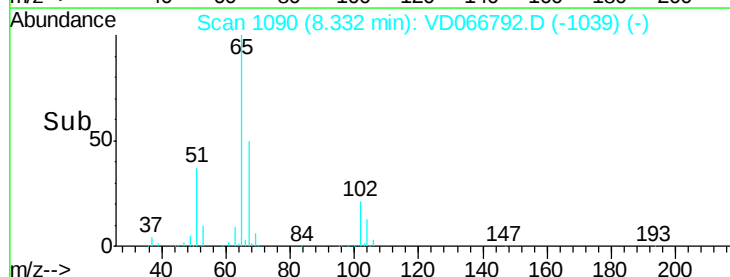
60000

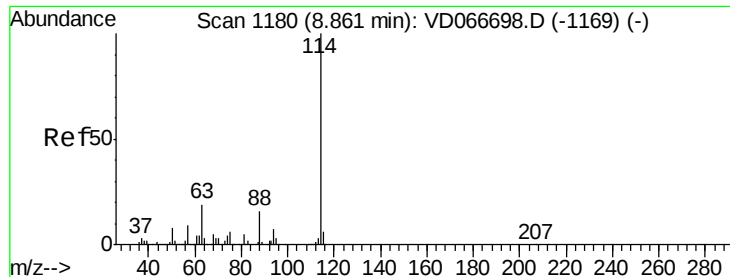
40000

20000

0

Time-->

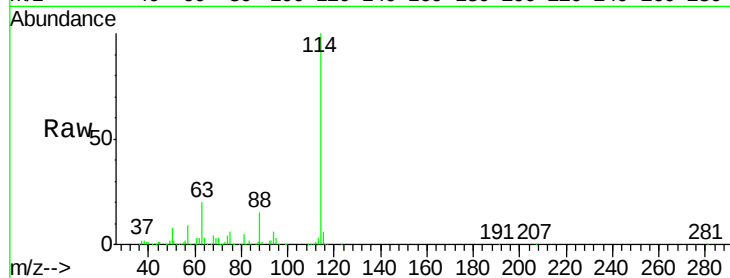




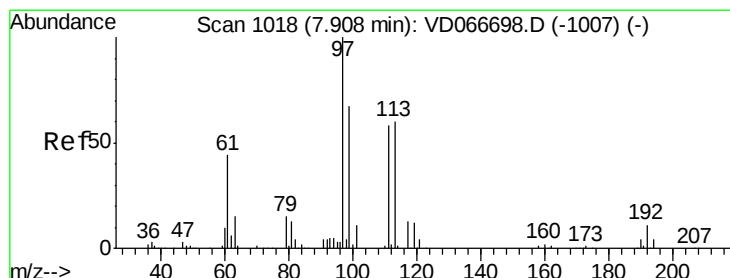
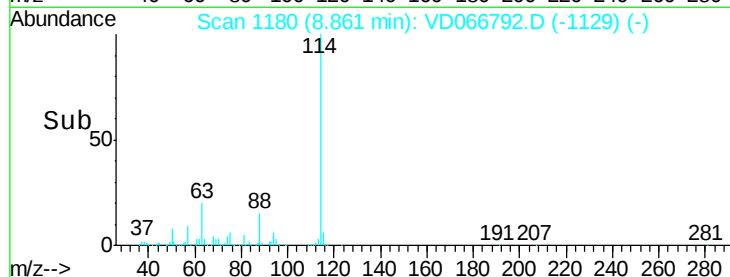
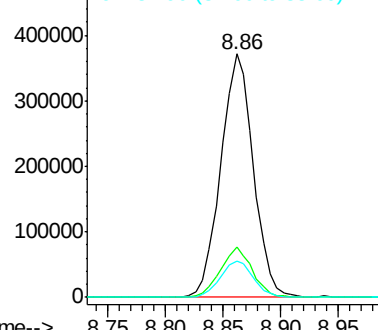
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066792.D
Acq: 21 Sep 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
Q-2

Tot Ion:114 Resp: 730639
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.6
88 15.1 0.0 32.2

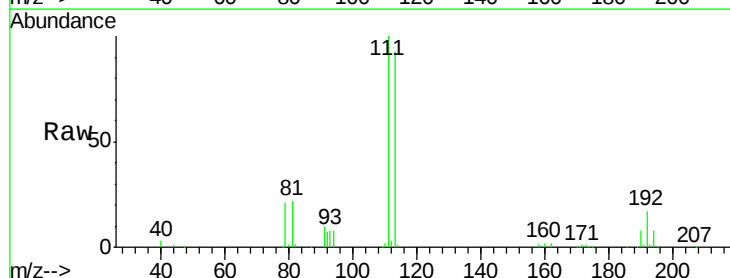


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

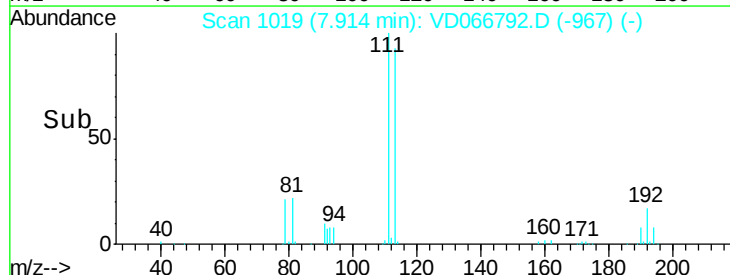
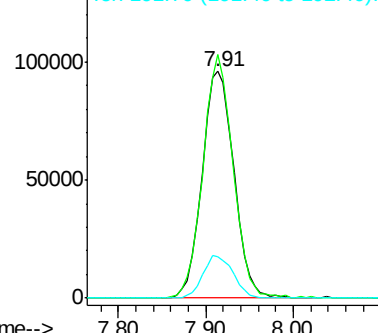


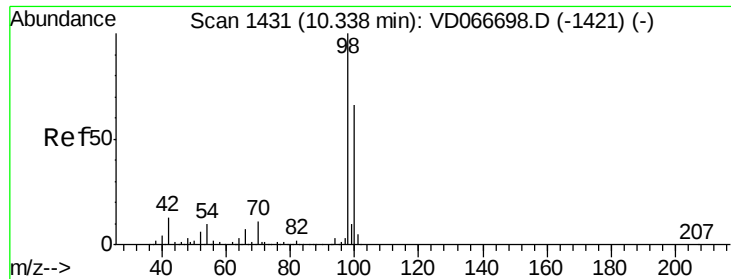
#35
Dibromofluoromethane
Concen: 52.968 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066792.D
Acq: 21 Sep 2020 19:32

Tgt Ion:113 Resp: 237273
Ion Ratio Lower Upper
113 100
111 101.3 83.2 124.8
192 17.9 14.8 22.2



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

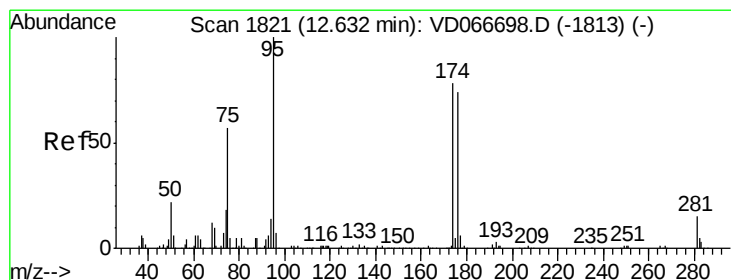
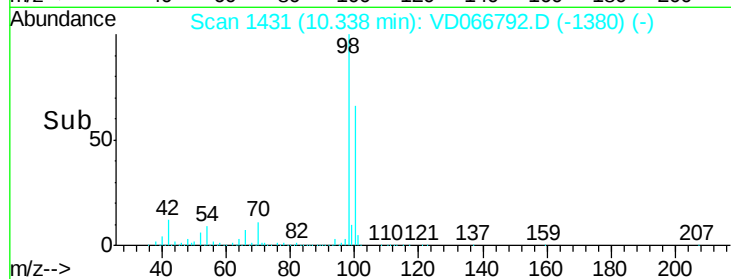
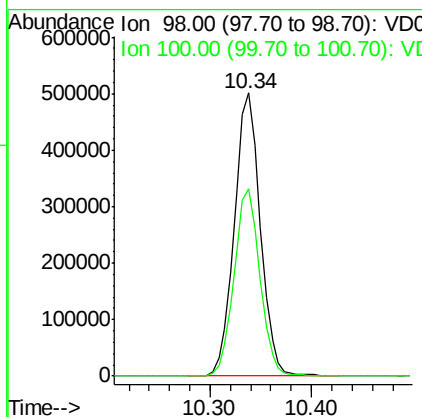
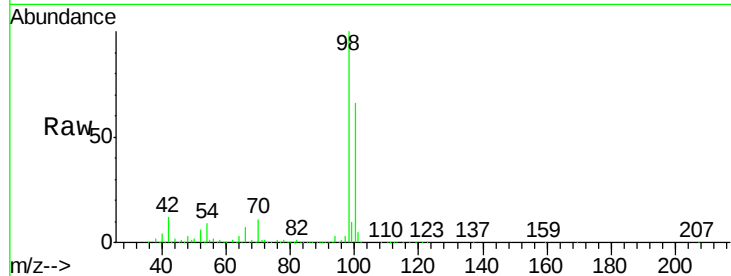




#50
Toluene-d8
Concen: 56.001 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066792.D
Acq: 21 Sep 2020 19:32

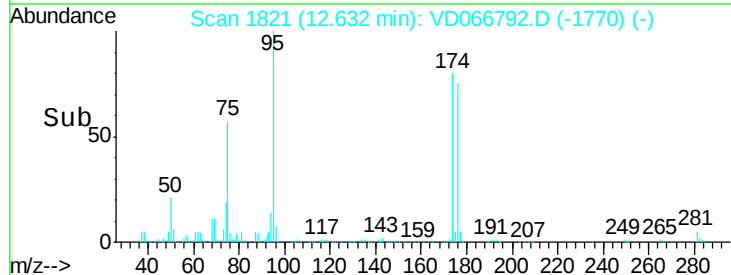
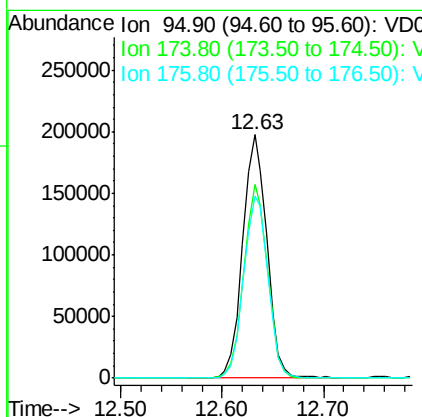
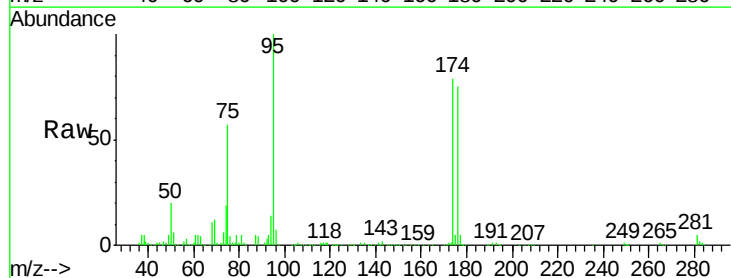
Instrument :
MSVOA_D
ClientSampled :
Q-2

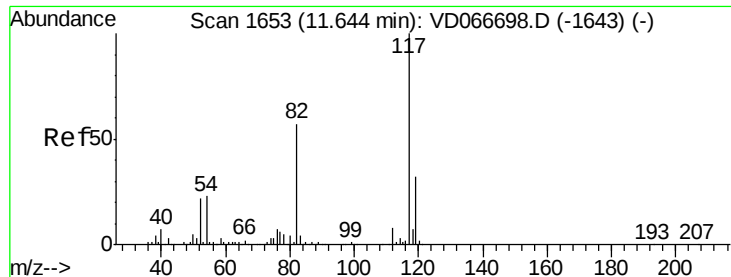
Tot Ion: 98 Resp: 893743
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 58.677 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066792.D
Acq: 21 Sep 2020 19:32

Tgt Ion: 95 Resp: 323250
Ion Ratio Lower Upper
95 100
174 78.4 0.0 156.6
176 76.0 0.0 150.2

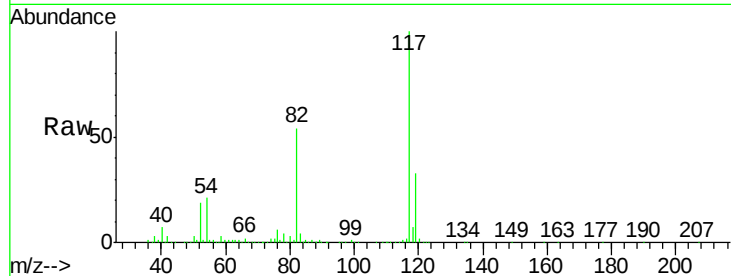




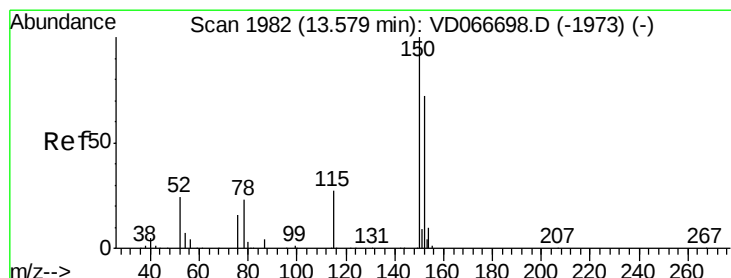
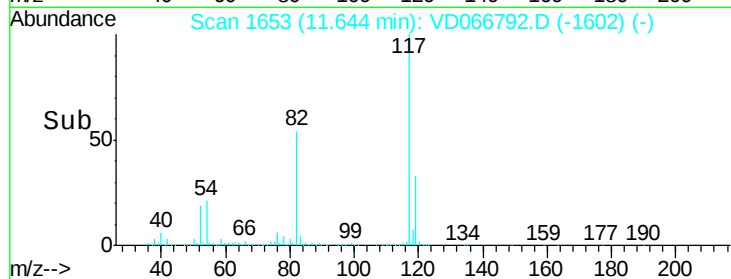
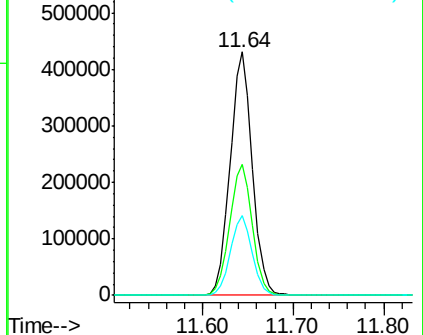
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066792.D
Acq: 21 Sep 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
Q-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.4	68.0
119	32.6	25.8	38.6

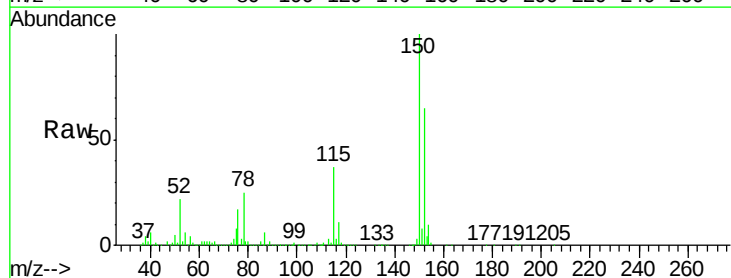


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066792.D
Acq: 21 Sep 2020 19:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.5	91.5
150	156.1	0.0	344.6



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

