

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066791.D
 Acq On : 21 Sep 2020 19:05
 Operator : VA/SY
 Sample : L4048-05
 Misc : 4.27G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Q-1

Quant Time: Sep 22 01:33:48 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

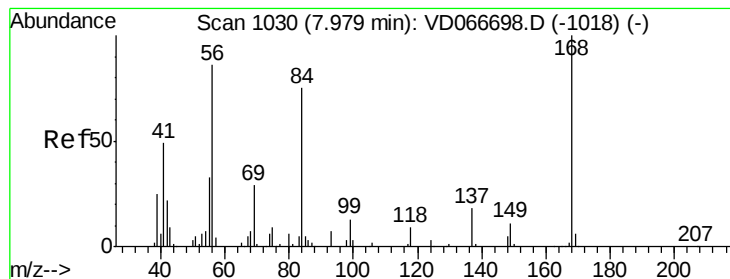
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	382640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	708196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	682243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285894	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	226442	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
35) Dibromofluoromethane	7.91	113	231978	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.34	98	859117	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
62) 4-Bromofluorobenzene	12.63	95	283450	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	

Target Compounds	Qvalue

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

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A D\DATA\VD092120\
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ALS Vial : 14 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066791.D

Acq: 21 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampled :

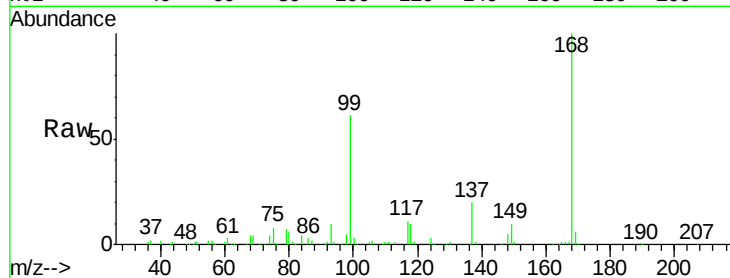
Q-1

Tot Ion:168 Resp: 382640

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

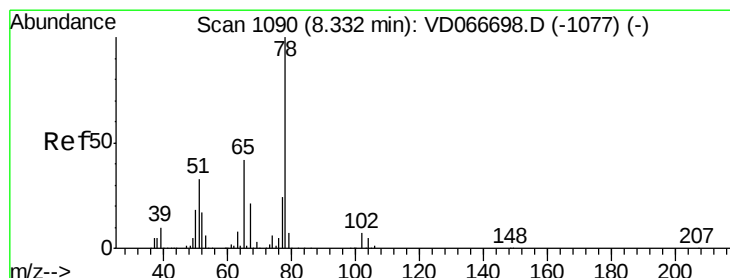
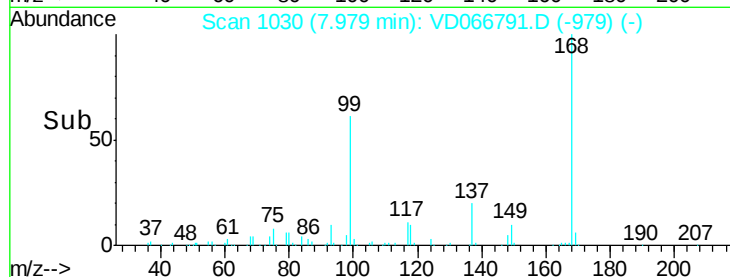
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.466 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066791.D

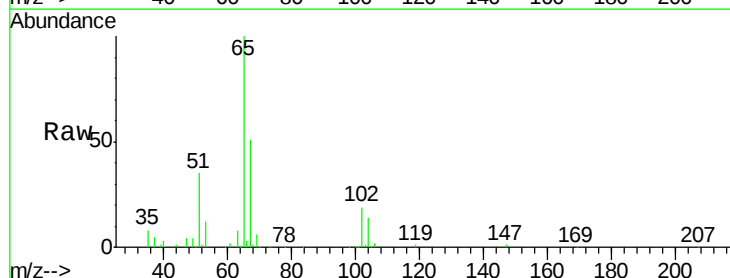
Acq: 21 Sep 2020 19:05

Tgt Ion: 65 Resp: 226442

Ion Ratio Lower Upper

65 100

67 51.4 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

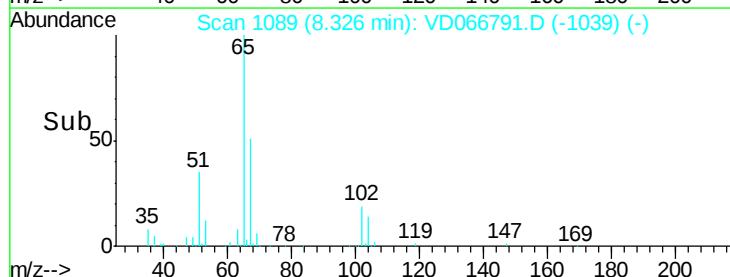
60000

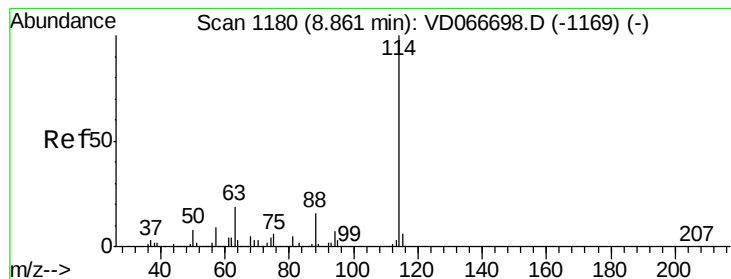
40000

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: VD066791.D

Acq: 21 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

Q-1

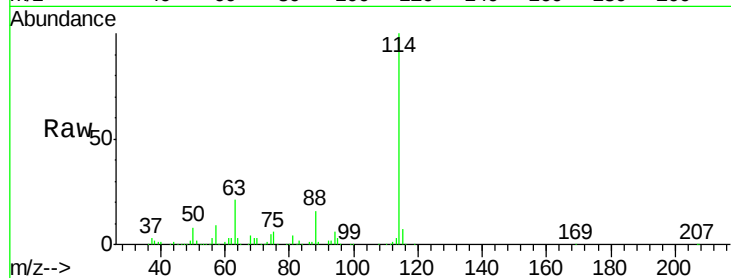
Tot Ion:114 Resp: 708196

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.6

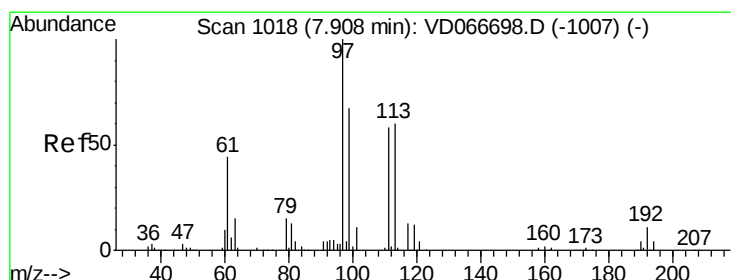
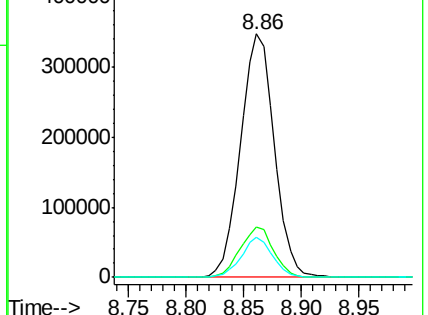
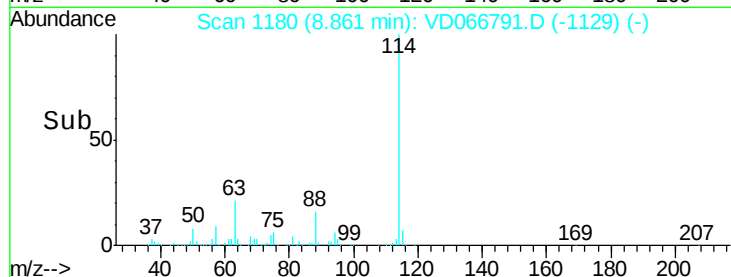
88 16.3 0.0 32.2



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: 53.428 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066791.D

Acq: 21 Sep 2020 19:05

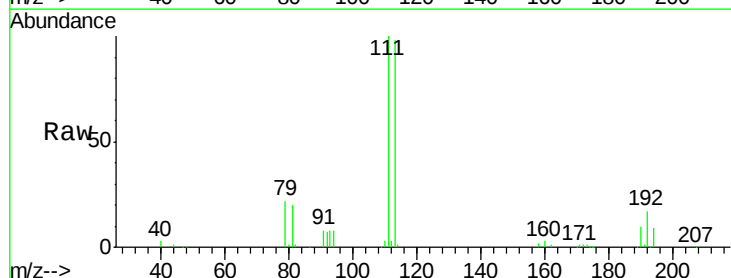
Tgt Ion:113 Resp: 231978

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

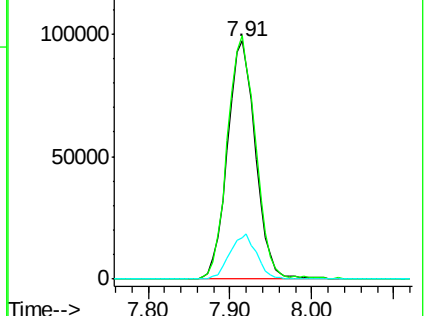
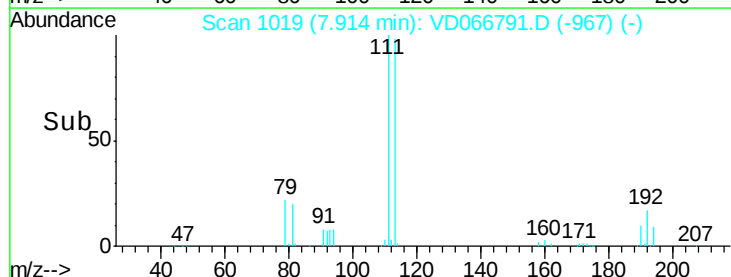
192 18.2 14.8 22.2

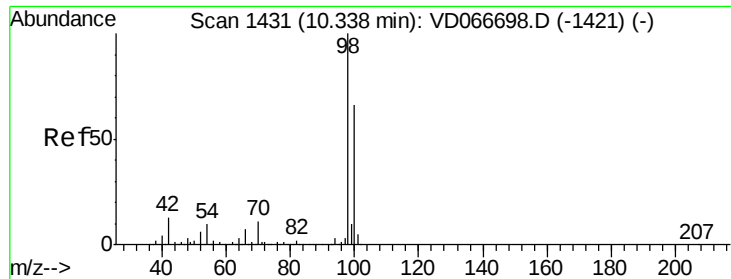


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

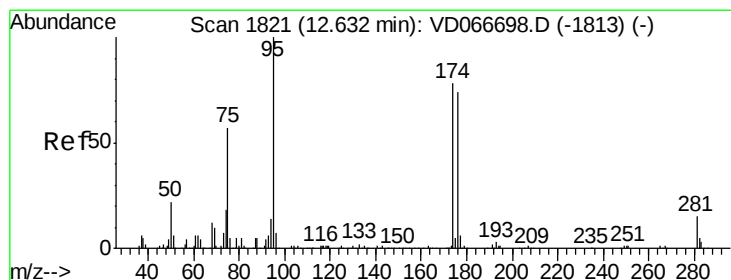
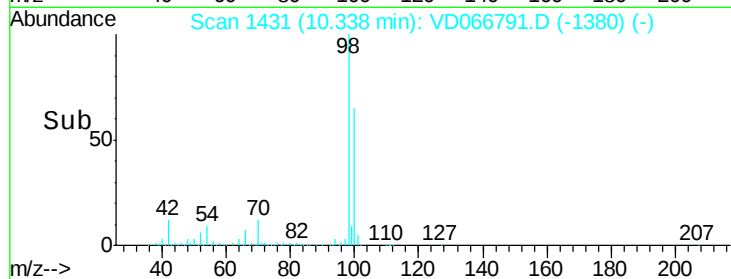
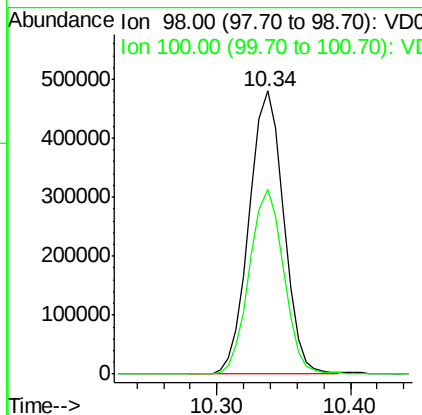
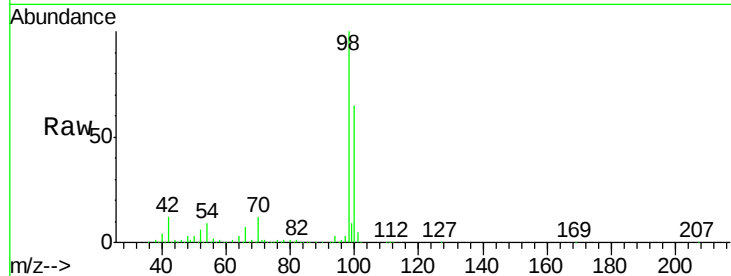




#50
Toluene-d8
Concen: 55.537 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066791.D
Acq: 21 Sep 2020 19:05

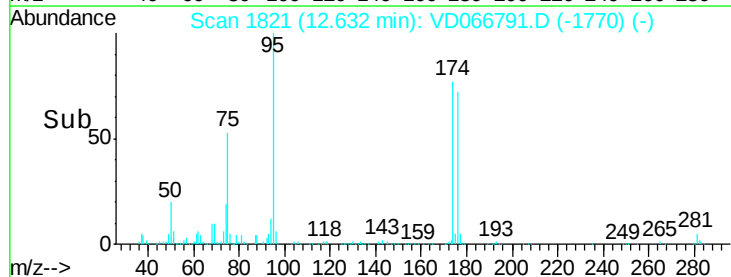
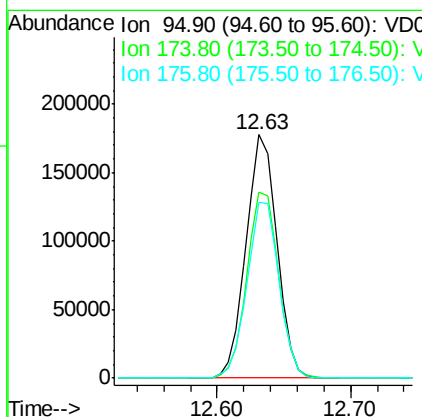
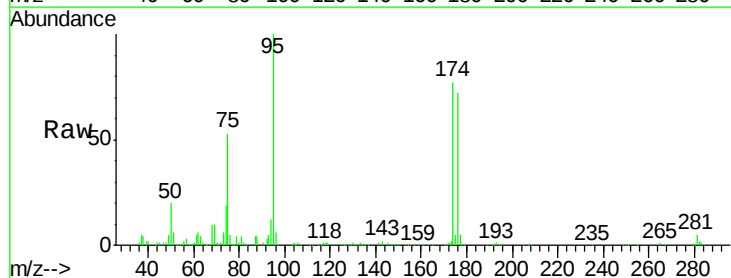
Instrument :
MSVOA_D
ClientSampled :
Q-1

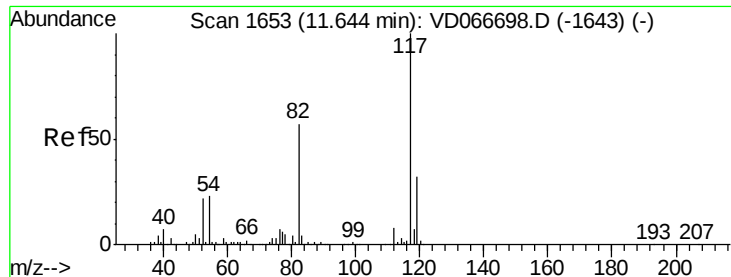
Tot Ion: 98 Resp: 859117
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.083 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066791.D
Acq: 21 Sep 2020 19:05

Tgt Ion: 95 Resp: 283450
Ion Ratio Lower Upper
95 100
174 78.8 0.0 156.6
176 75.0 0.0 150.2

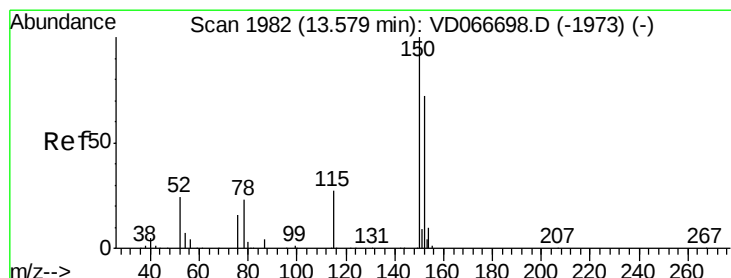
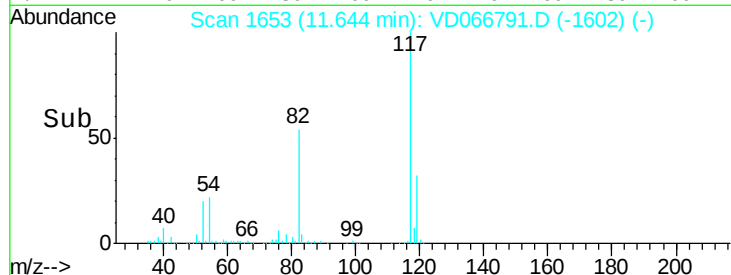
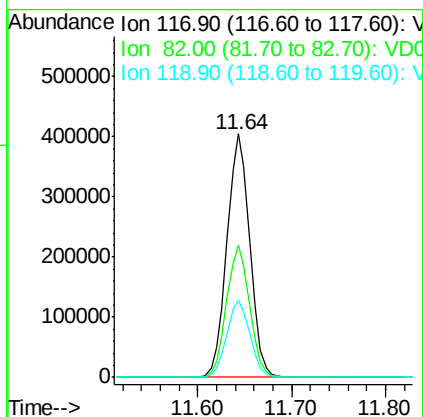
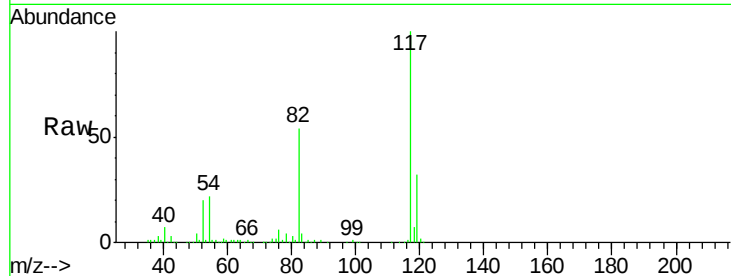




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066791.D
Acq: 21 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampled :
Q-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.4	68.0
119	31.6	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066791.D
Acq: 21 Sep 2020 19:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	30.5	91.5
150	160.8	0.0	344.6

