

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066772.D
 Acq On : 18 Sep 2020 17:59
 Operator : VA/SY
 Sample : L4073-02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 H-1A

Quant Time: Sep 19 06:40:20 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

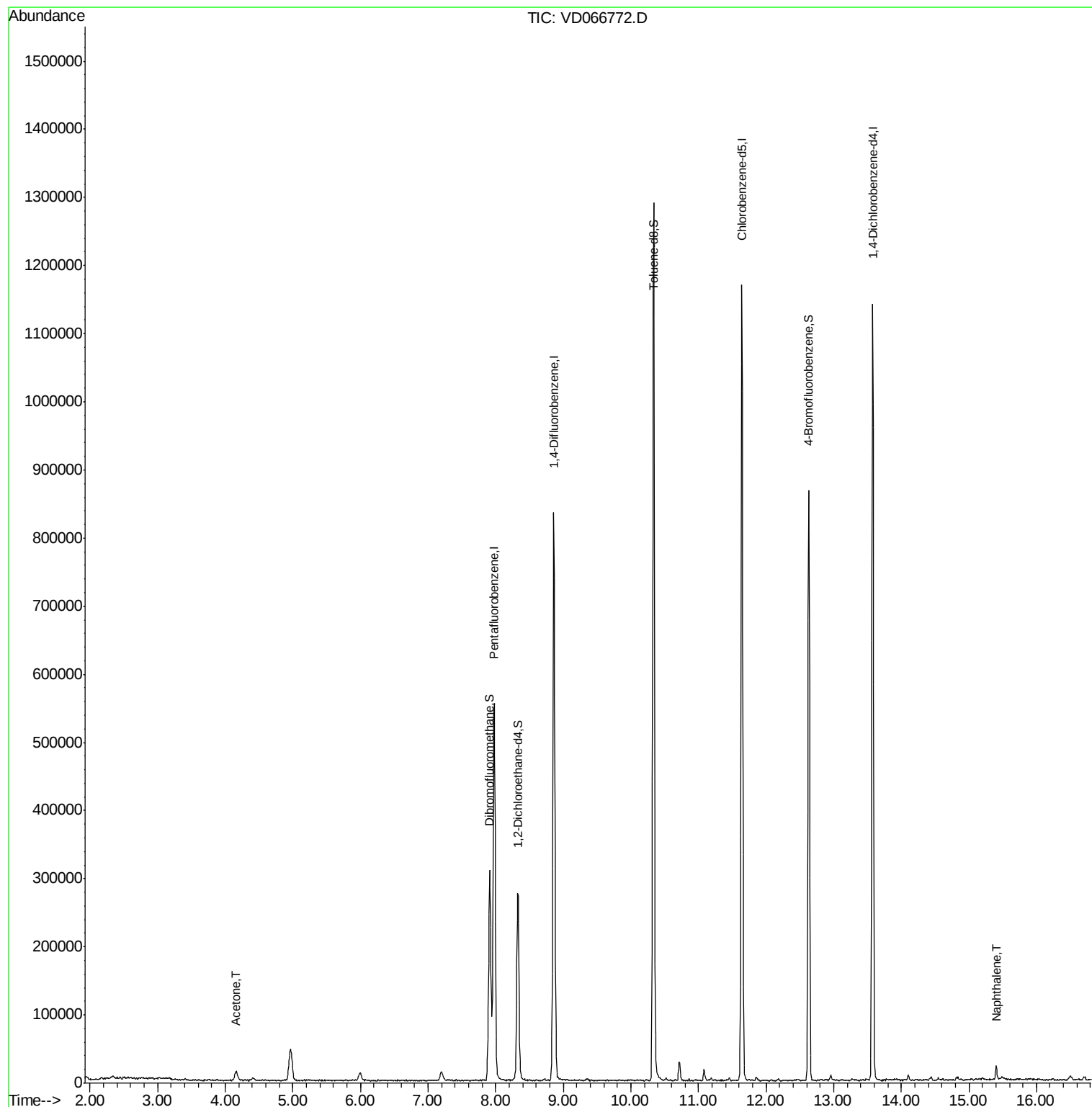
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	376540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	684452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	648215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	225980	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
35) Dibromofluoromethane	7.91	113	218683	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
50) Toluene-d8	10.34	98	849967	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
62) 4-Bromofluorobenzene	12.63	95	272661	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
Target Compounds						
16) Acetone	4.16	43	26814	32.776	ug/l #	89
95) Naphthalene	15.40	128	15621	1.851	ug/l	97

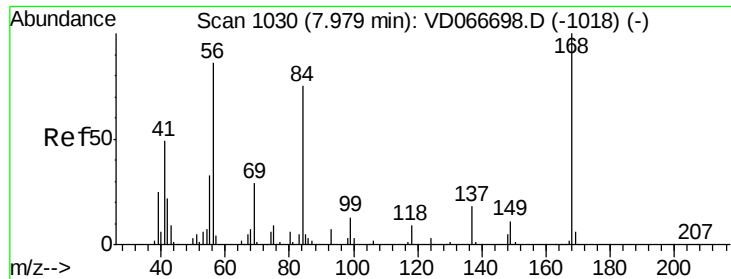
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066772.D

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MSVOA_D

ClientSampleId :

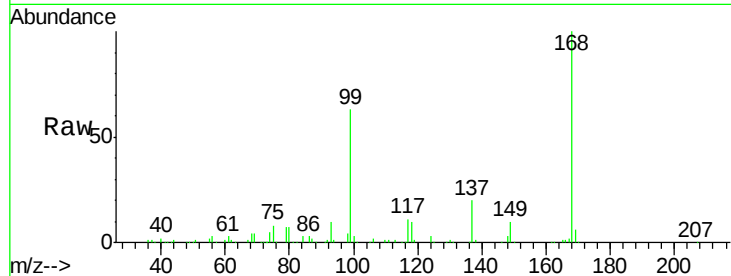
H-1A

Tot Ion:168 Resp: 376540

Ion Ratio Lower Upper

168 100

99 63.1 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

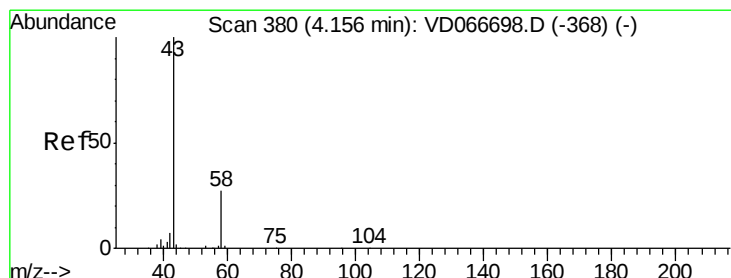
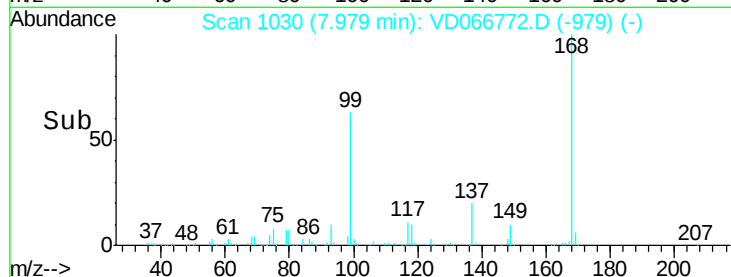
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 32.776 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066772.D

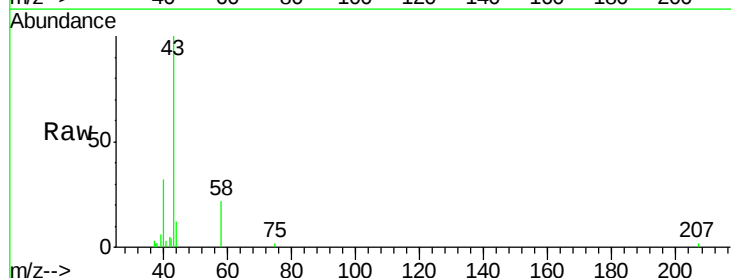
Acq: 18 Sep 2020 17:59

Tgt Ion: 43 Resp: 26814

Ion Ratio Lower Upper

43 100

58 21.7 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

10000

8000

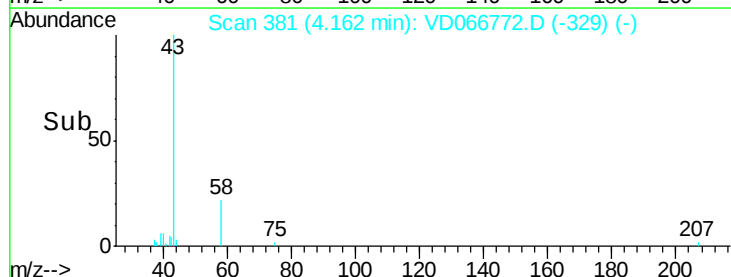
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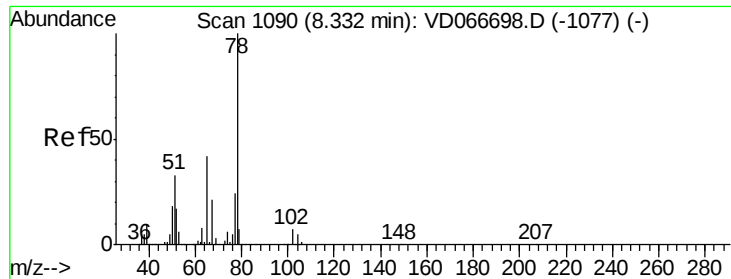
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Time-->

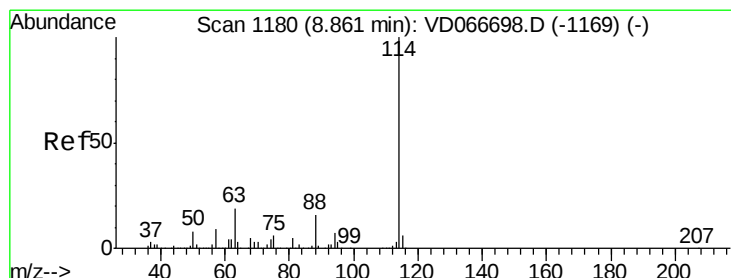
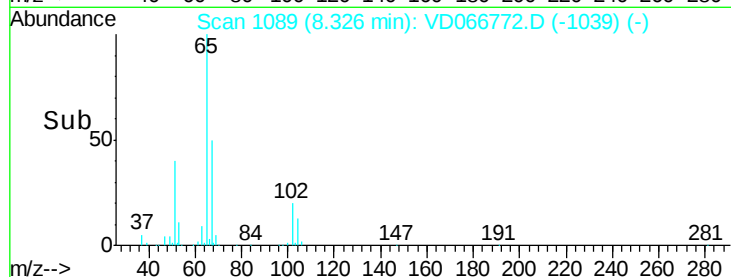
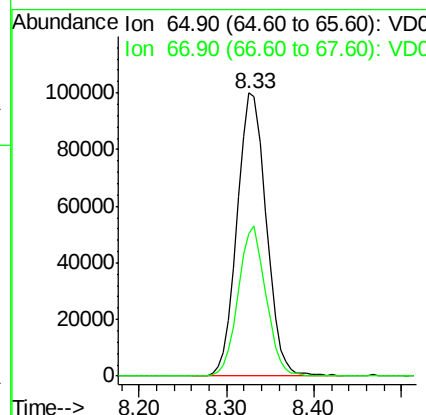
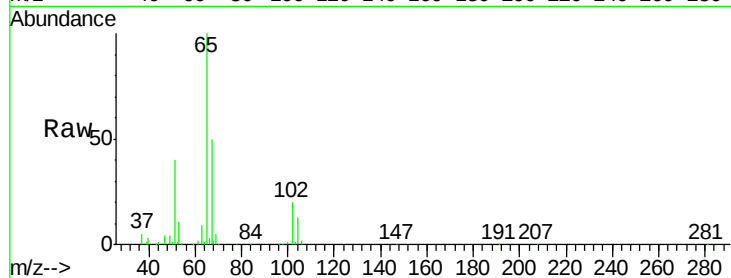




#33
 1,2-Dichloroethane-d4
 Concen: 56.250 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

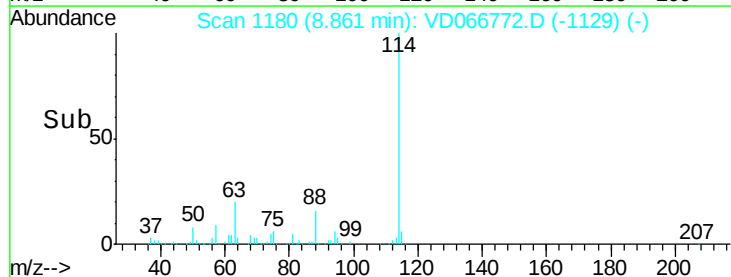
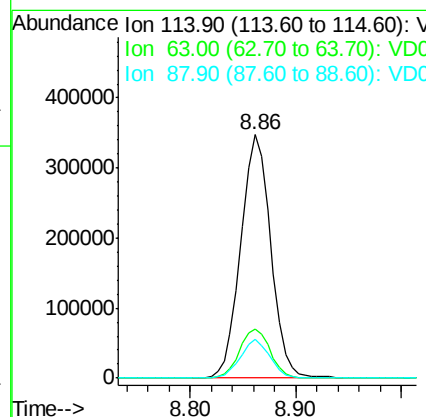
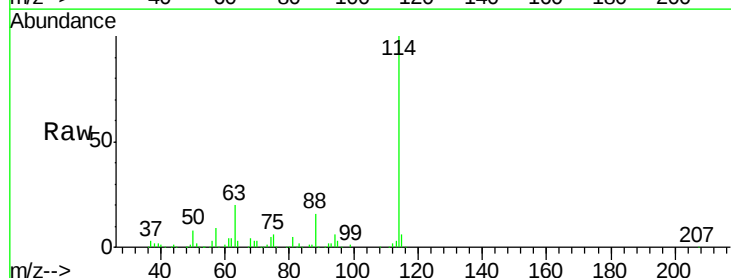
Instrument :
 MSVOA_D
 ClientSampleId :
 H-1A

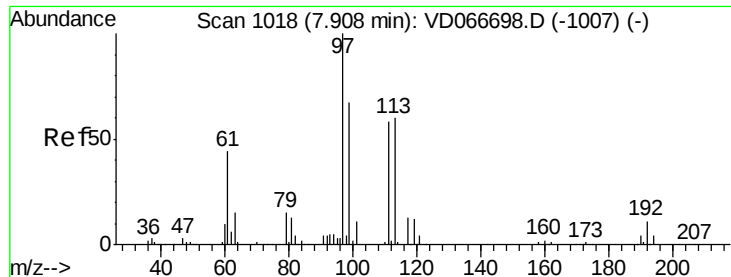
Tot Ion: 65 Resp: 225980
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

Tgt Ion: 114 Resp: 684452
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.6
 88 16.1 0.0 32.2

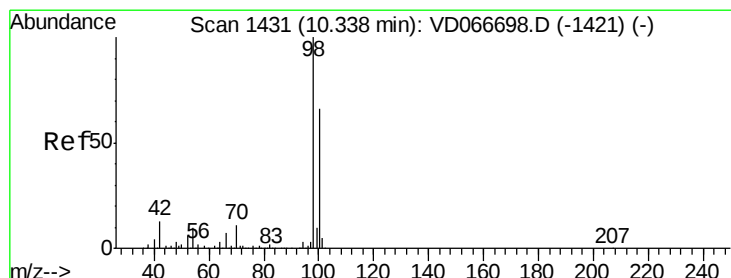
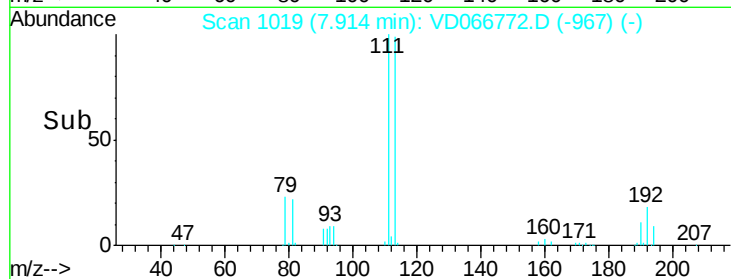
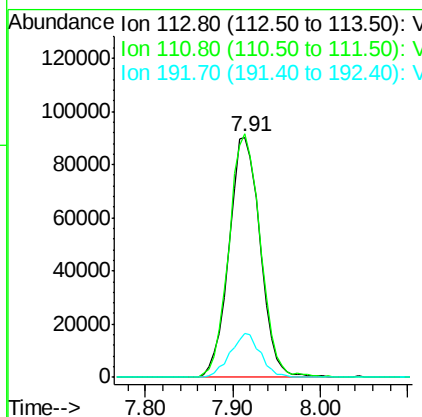
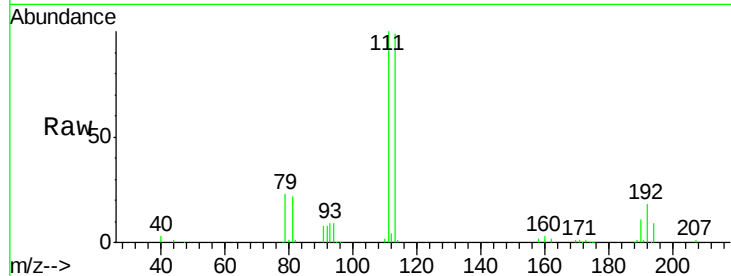




#35
 Dibromofluoromethane
 Concen: 52.113 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

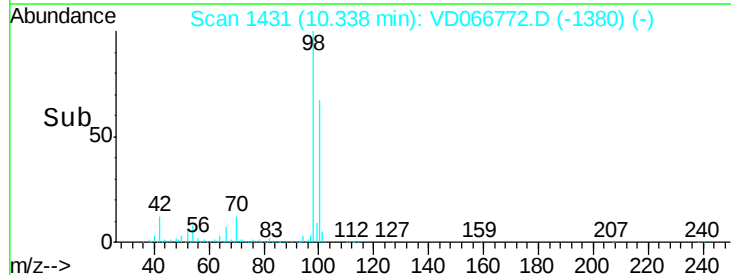
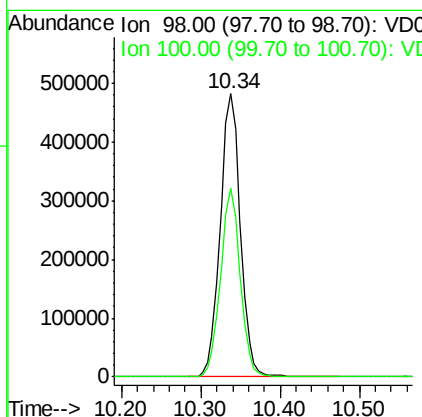
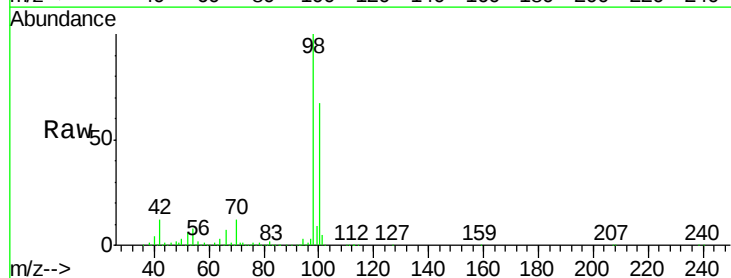
Instrument :
 MSVOA_D
 ClientSampleId :
 H-1A

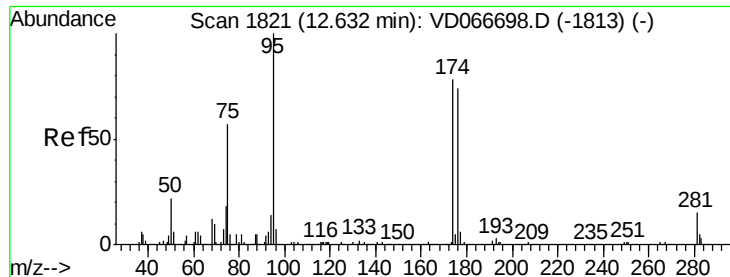
Tot Ion:113 Resp: 218683
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.2 124.8
 192 17.7 14.8 22.2



#50
 Toluene-d8
 Concen: 56.852 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066772.D
 Acq: 18 Sep 2020 17:59

Tgt Ion: 98 Resp: 849967
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.7 79.1

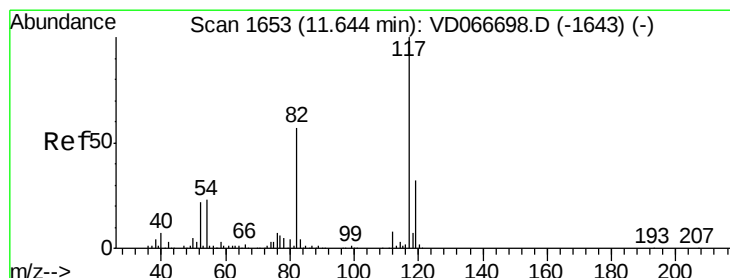
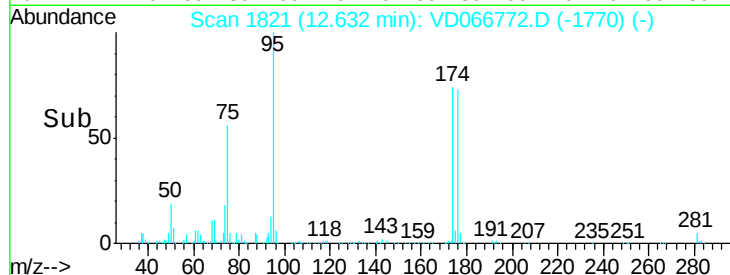
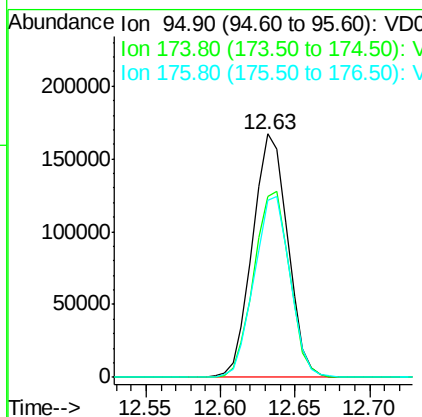
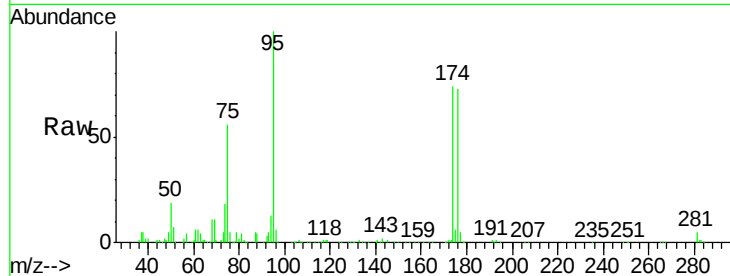




#62
4-Bromofluorobenzene
Concen: 52.834 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066772.D
Acq: 18 Sep 2020 17:59

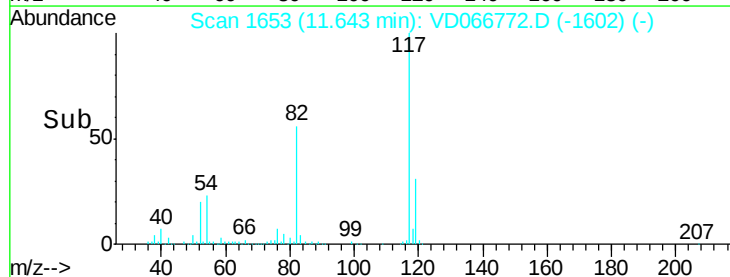
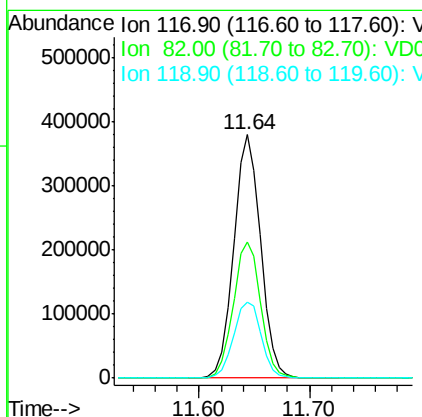
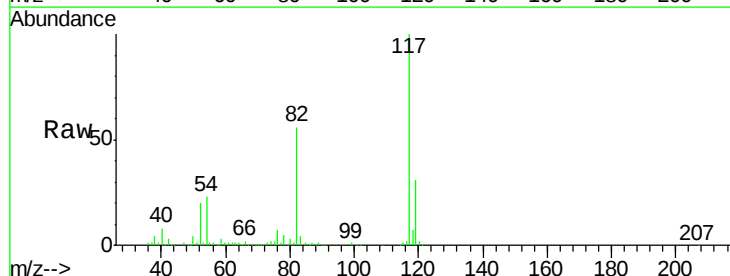
Instrument :
MSVOA_D
ClientSampleId :
H-1A

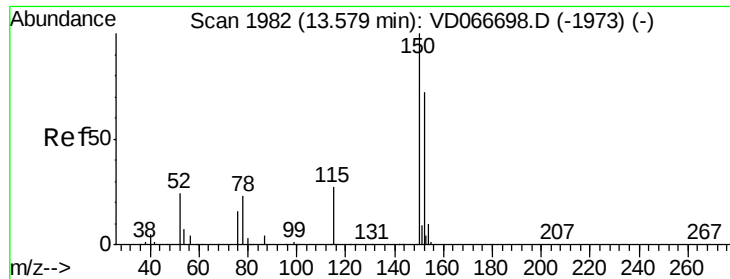
Tot Ion: 95 Resp: 272661
Ion Ratio Lower Upper
95 100
174 77.6 0.0 156.6
176 75.5 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066772.D
Acq: 18 Sep 2020 17:59

Tgt Ion: 117 Resp: 648215
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.1 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: VD066772.D

Acq: 18 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

H-1A

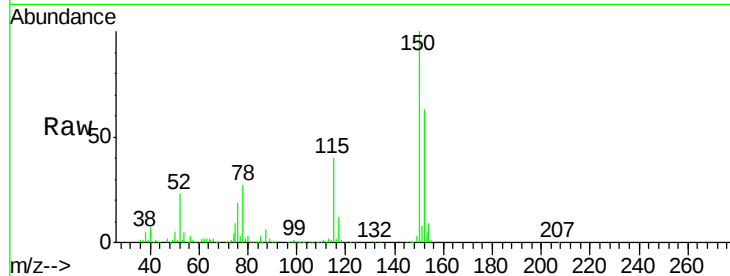
Tot Ion:152 Resp: 282358

Ion Ratio Lower Upper

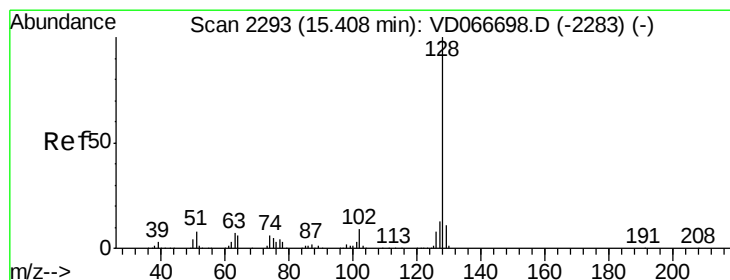
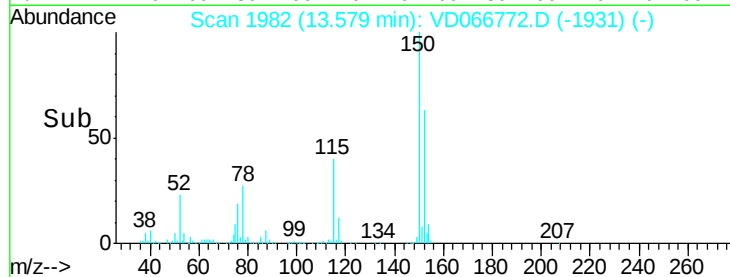
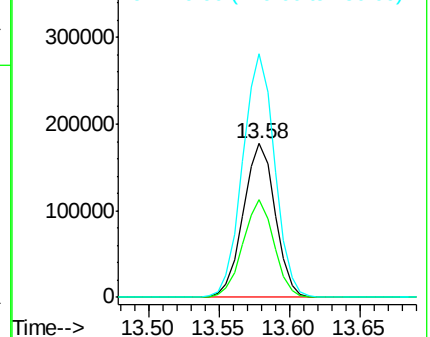
152 100

115 61.7 30.5 91.5

150 158.2 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



#95

Naphthalene

Concen: 1.851 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066772.D

Acq: 18 Sep 2020 17:59

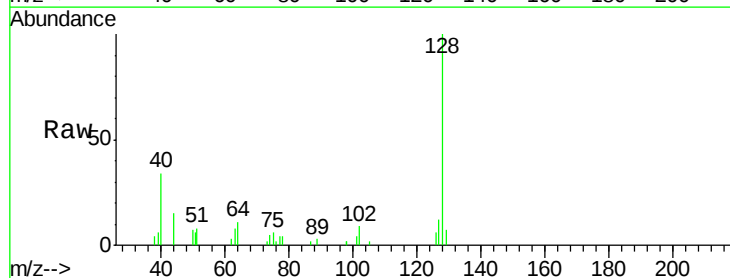
Tgt Ion:128 Resp: 15621

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 11.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

