

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066923.D
 Acq On : 28 Sep 2020 19:45
 Operator : VA/SY
 Sample : L4172-04
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(11-13)

Quant Time: Sep 29 02:15:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

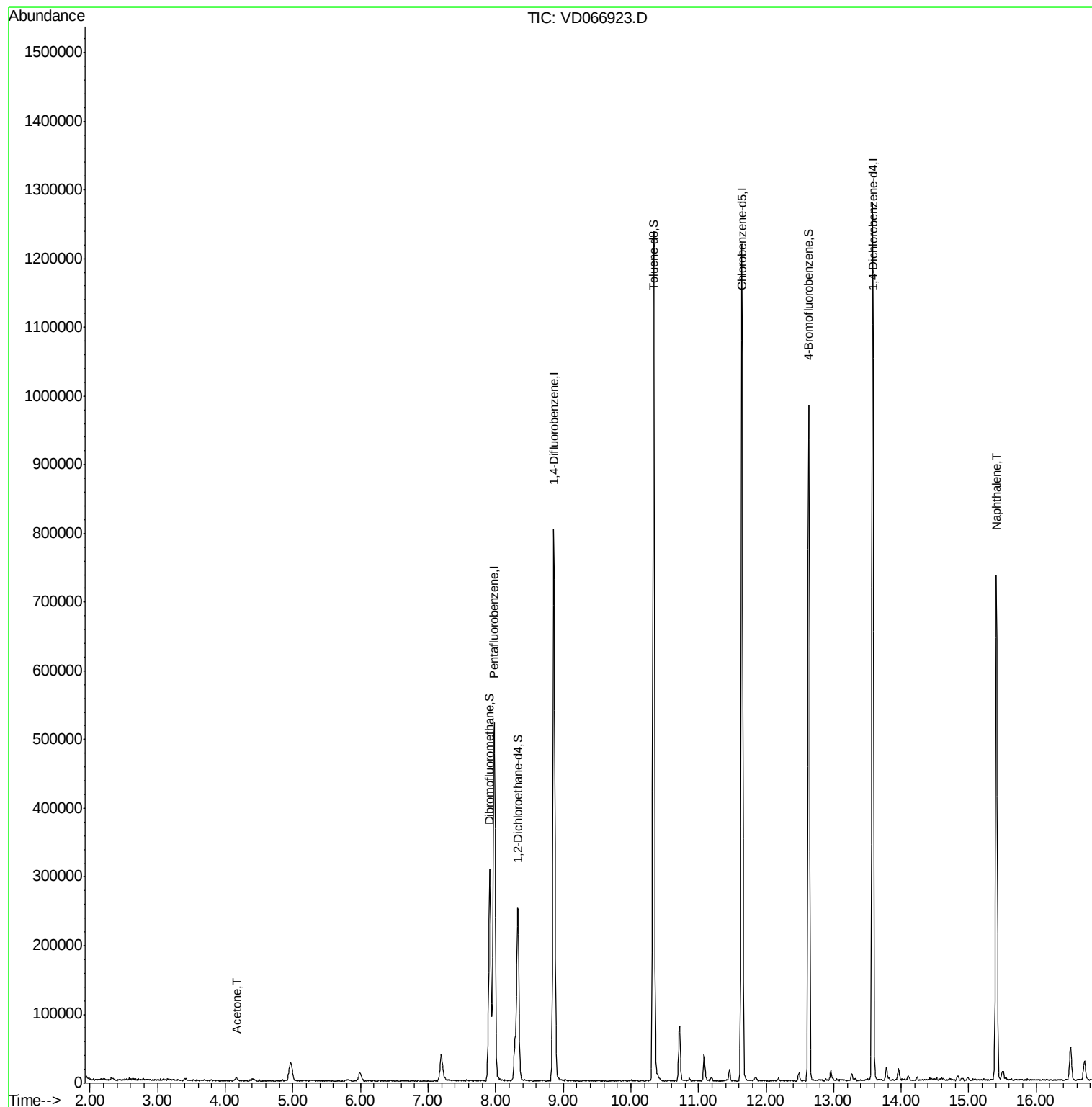
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	695835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	714720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	336310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	205189	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	7.91	113	218103	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.34	98	841646	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.63	95	308674	59.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.56%	
Target Compounds						
16) Acetone	4.17	43	6833	8.417	ug/l #	66
95) Naphthalene	15.41	128	634565	61.821	ug/l	99

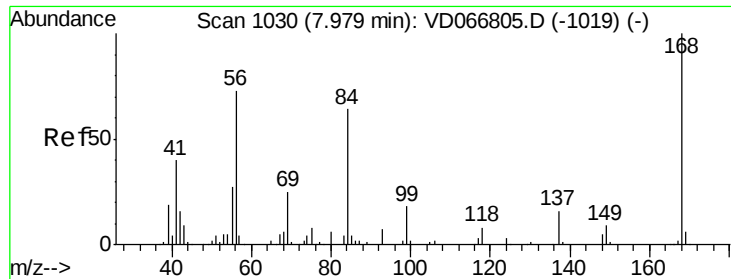
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066923.D

Acq: 28 Sep 2020 19:45

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MSVOA_D

ClientSampleId :

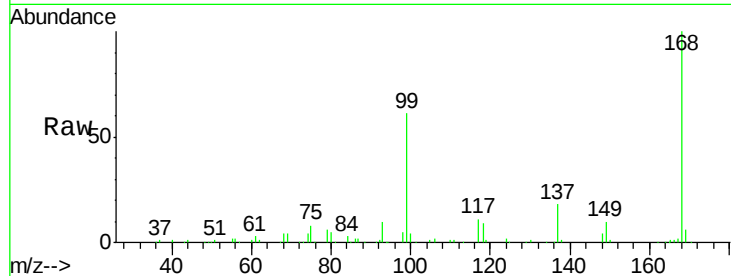
B-6(11-13)

Tot Ion:168 Resp: 390990

Ion Ratio Lower Upper

168 100

99 60.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

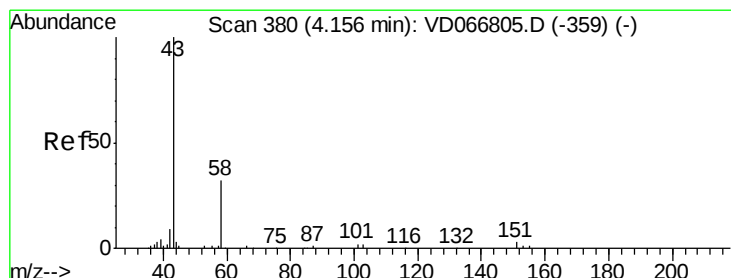
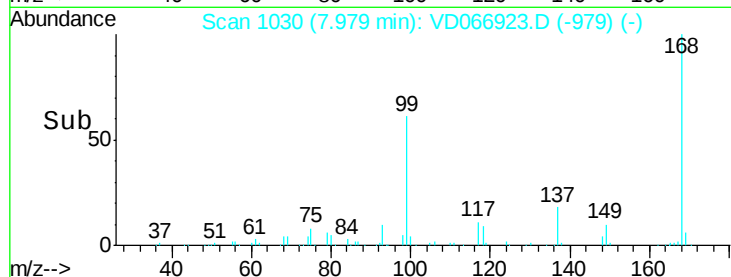
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 8.417 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066923.D

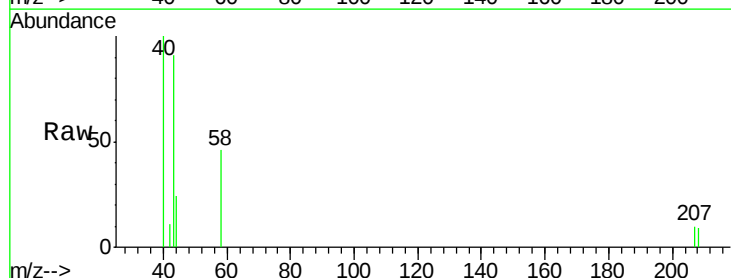
Acq: 28 Sep 2020 19:45

Tgt Ion: 43 Resp: 6833

Ion Ratio Lower Upper

43 100

58 50.7 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2500

2000

1500

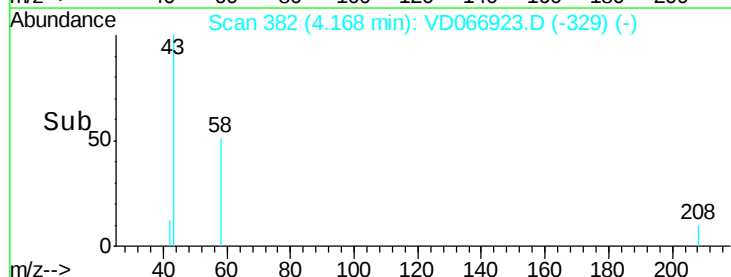
1000

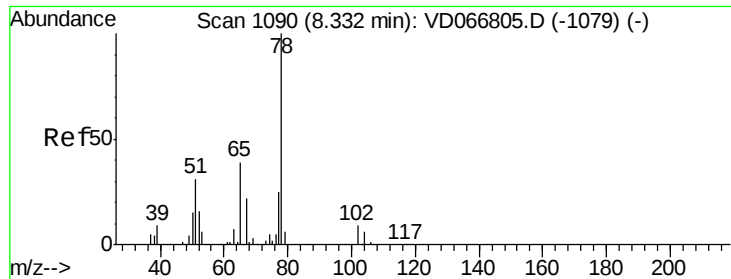
500

0

Time-->

4.05 4.10 4.15 4.20 4.25

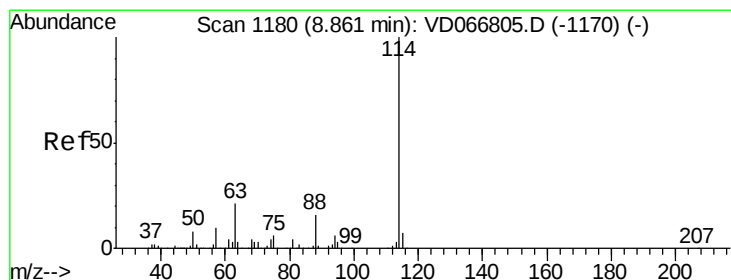
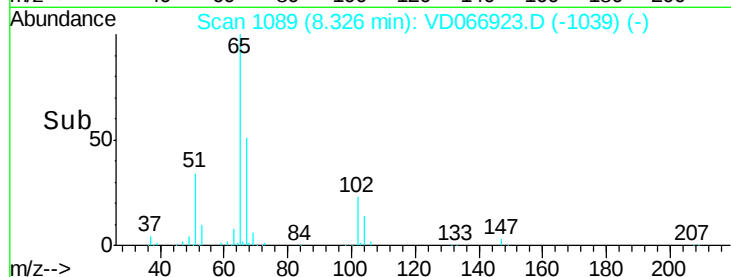
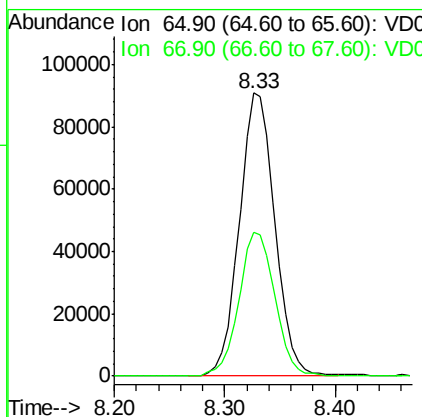
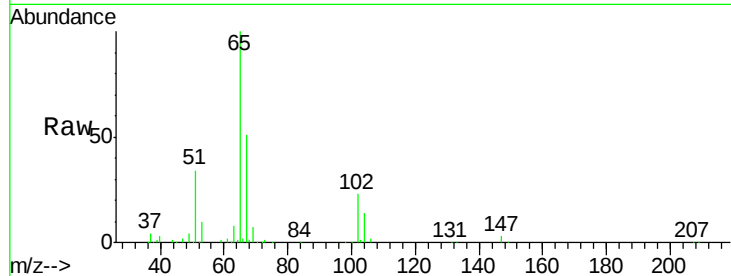




#33
 1,2-Dichloroethane-d4
 Concen: 53.618 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066923.D
 Acq: 28 Sep 2020 19:45

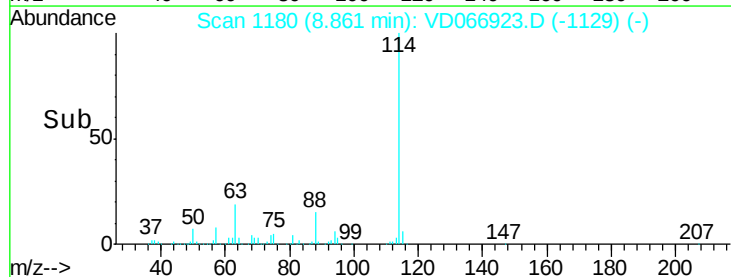
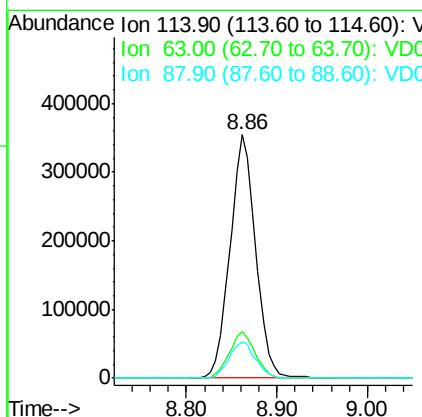
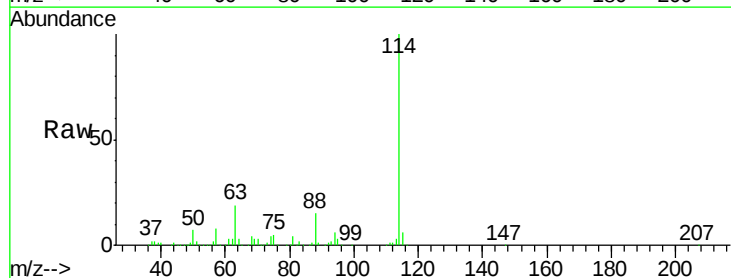
Instrument :
 MSVOA_D
 ClientSampled :
 B-6(11-13)

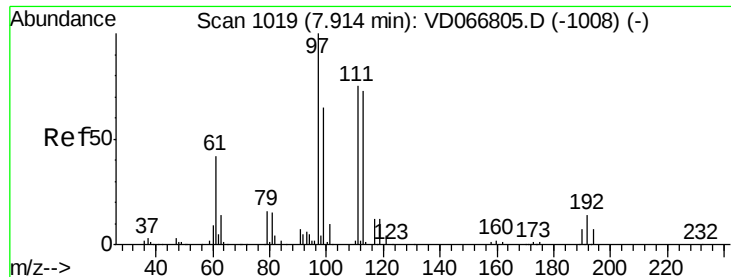
Tot Ion: 65 Resp: 205189
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066923.D
 Acq: 28 Sep 2020 19:45

Tgt Ion: 114 Resp: 695835
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.6
 88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.268 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066923.D

Acq: 28 Sep 2020 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-6(11-13)

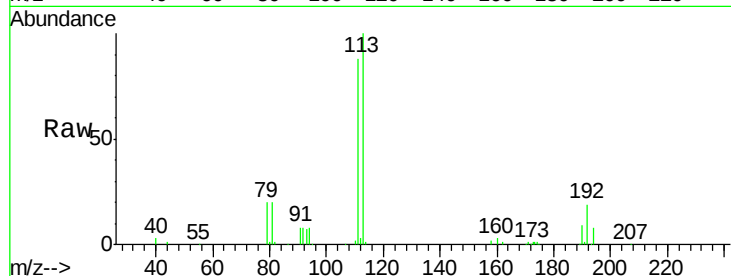
Tot Ion:113 Resp: 218103

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

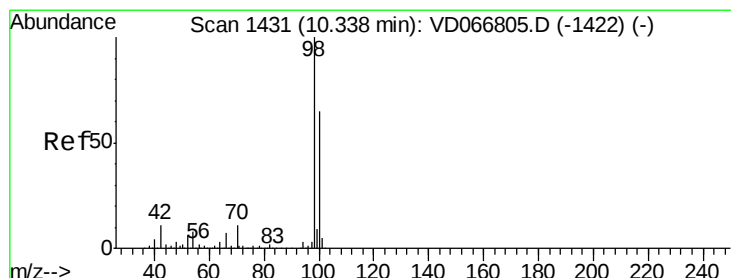
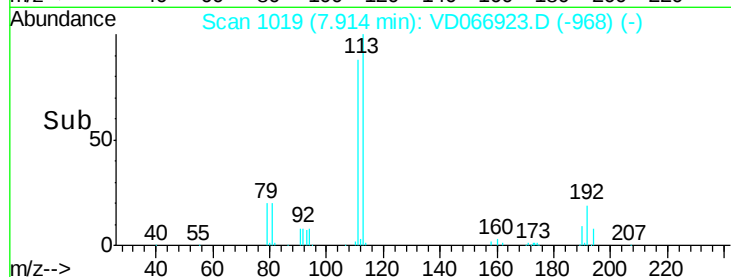
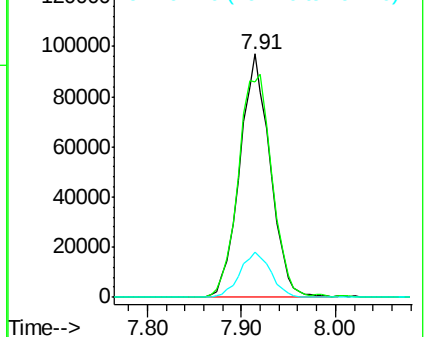
192 18.8 14.4 21.6



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: 55.800 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066923.D

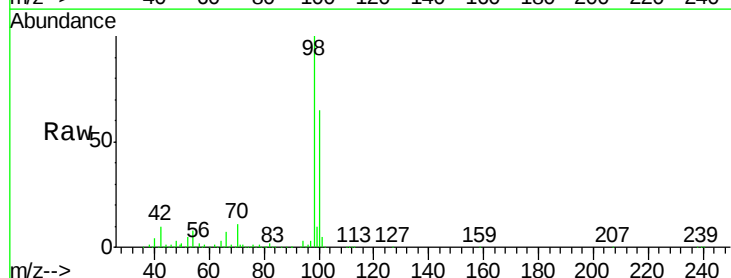
Acq: 28 Sep 2020 19:45

Tgt Ion: 98 Resp: 841646

Ion Ratio Lower Upper

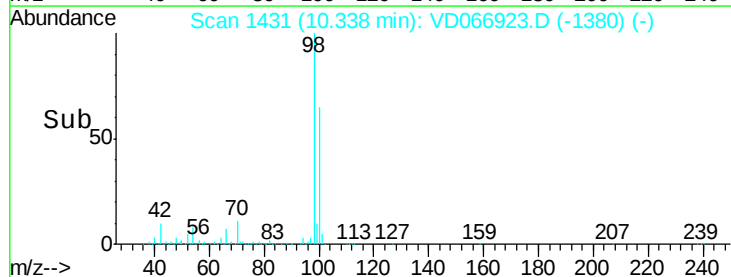
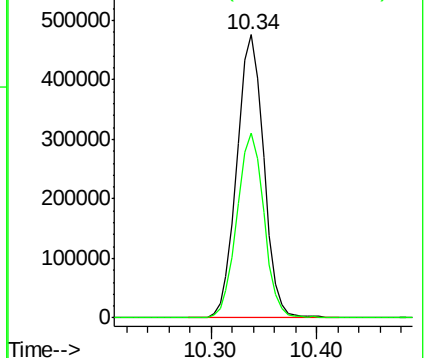
98 100

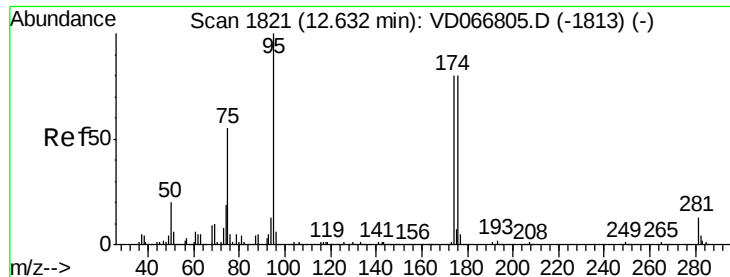
100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

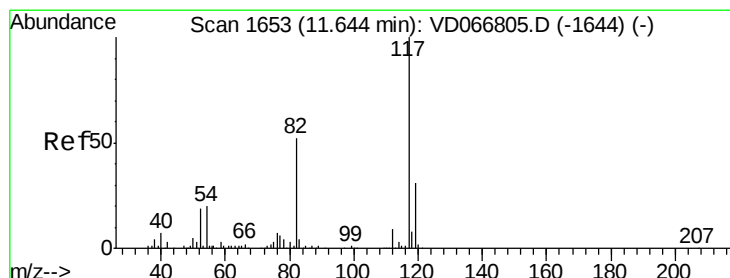
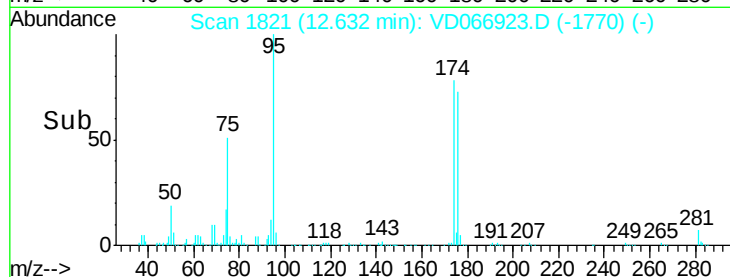
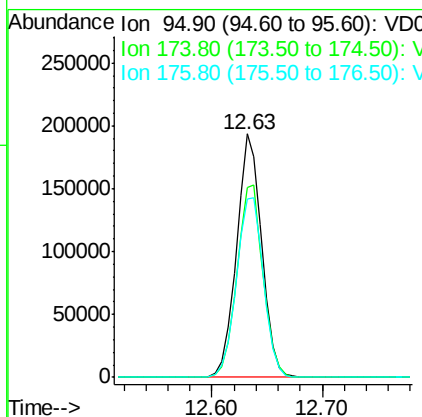
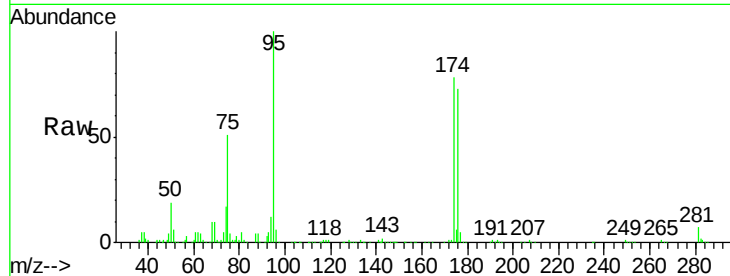




#62
4-Bromofluorobenzene
Concen: 59.780 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066923.D
Acq: 28 Sep 2020 19:45

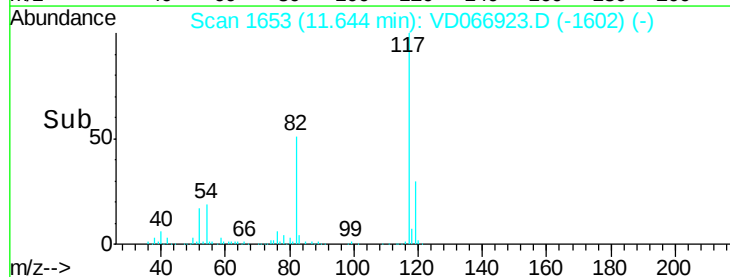
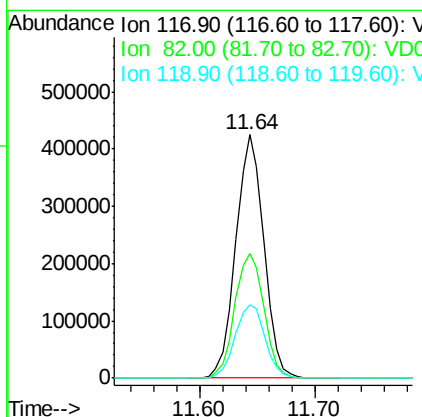
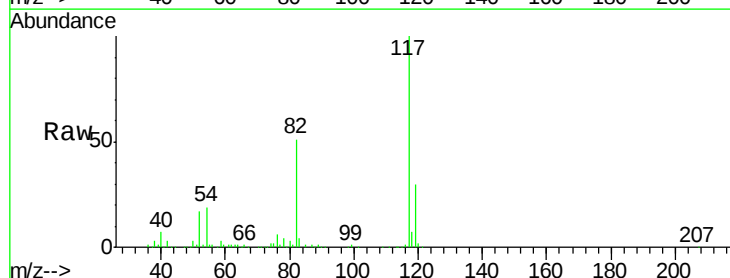
Instrument :
MSVOA_D
ClientSampleId :
B-6(11-13)

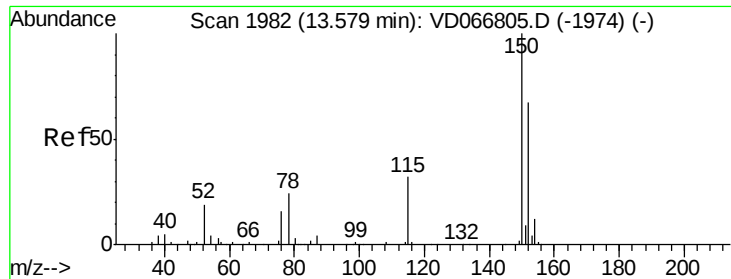
Tot Ion: 95 Resp: 308674
Ion Ratio Lower Upper
95 100
174 82.0 0.0 159.8
176 79.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066923.D
Acq: 28 Sep 2020 19:45

Tgt Ion: 117 Resp: 714720
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.6
119 30.3 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066923.D

Acq: 28 Sep 2020 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-6(11-13)

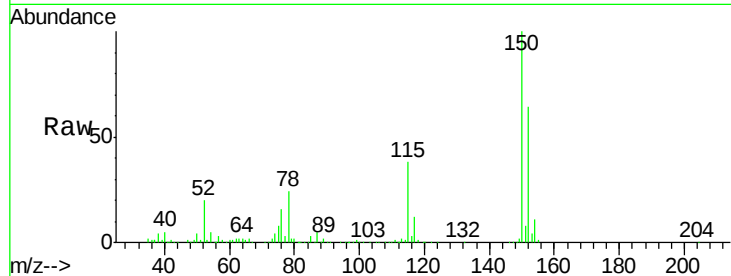
Tot Ion:152 Resp: 336310

Ion Ratio Lower Upper

152 100

115 59.9 30.3 91.0

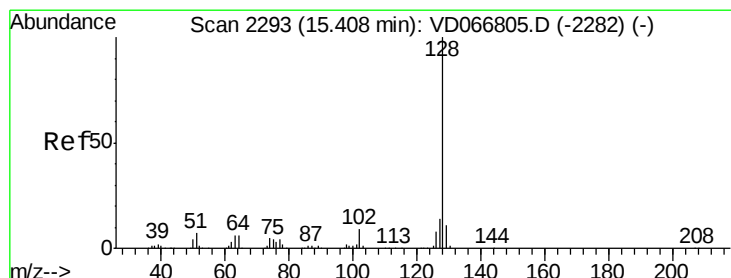
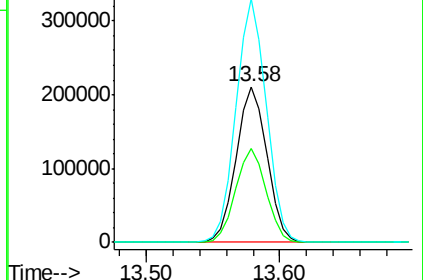
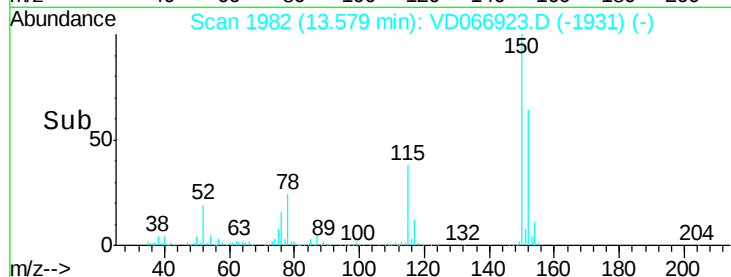
150 154.6 0.0 346.2



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: 61.821 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066923.D

Acq: 28 Sep 2020 19:45

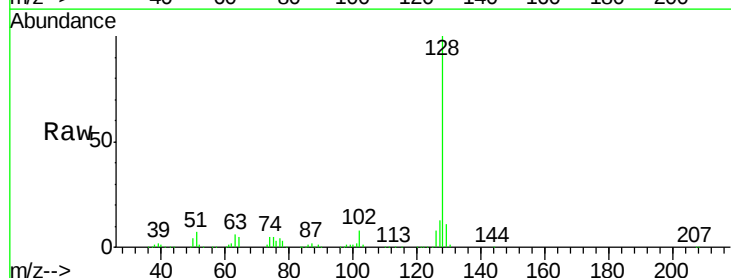
Tgt Ion:128 Resp: 634565

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.9 13.3



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

