

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066961.D
 Acq On : 30 Sep 2020 02:50
 Operator : VA/SY
 Sample : L4179-11
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(12-14)

Quant Time: Sep 30 05:05:57 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

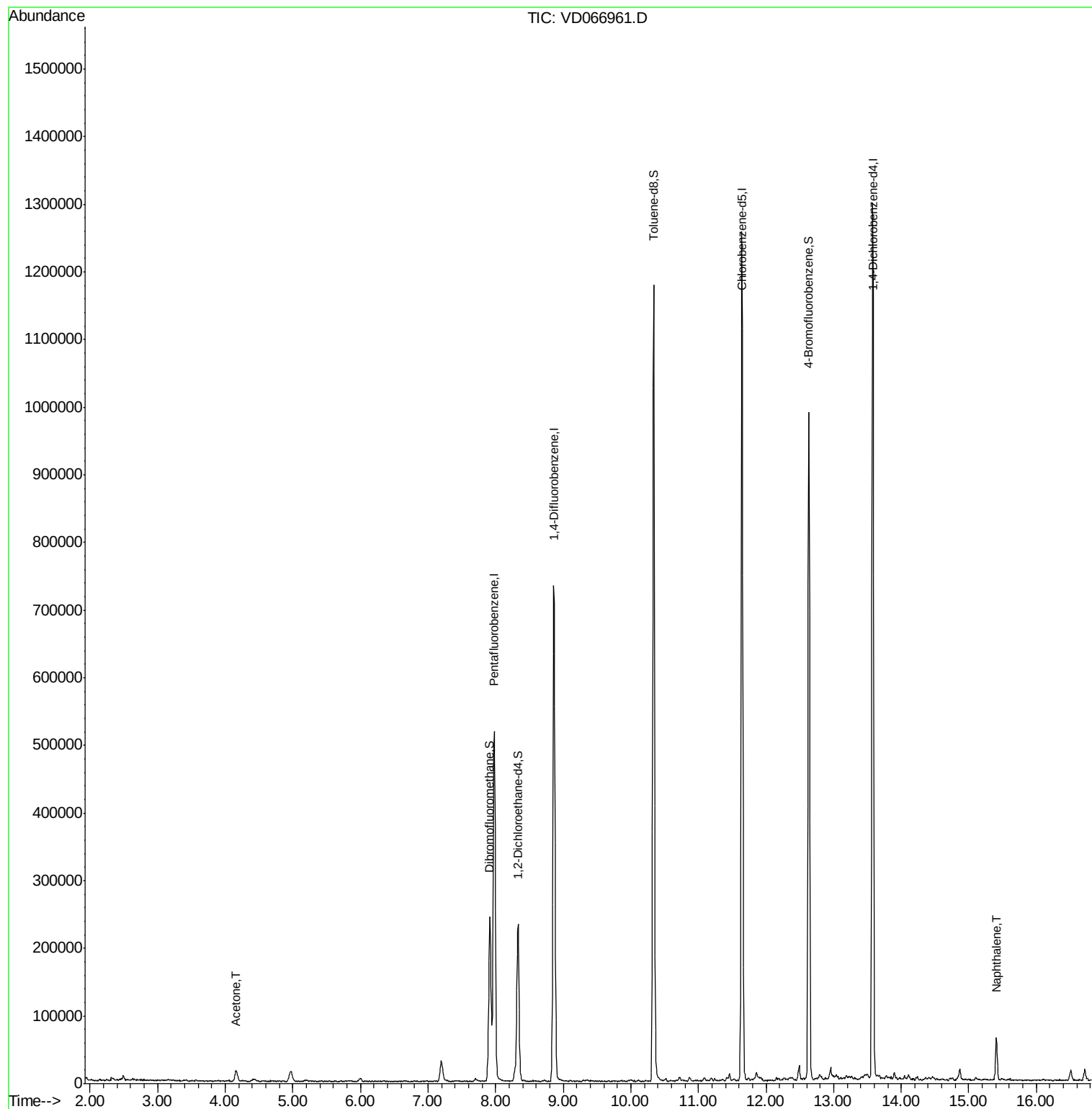
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	387273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	656535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	713565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	355629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	187150	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
35) Dibromofluoromethane	7.92	113	177738	42.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.10%	
50) Toluene-d8	10.34	98	804901	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	
62) 4-Bromofluorobenzene	12.63	95	320768	65.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.68%	
Target Compounds						
16) Acetone	4.16	43	26497	32.953	ug/l	98
95) Naphthalene	15.41	128	53494	4.928	ug/l	100

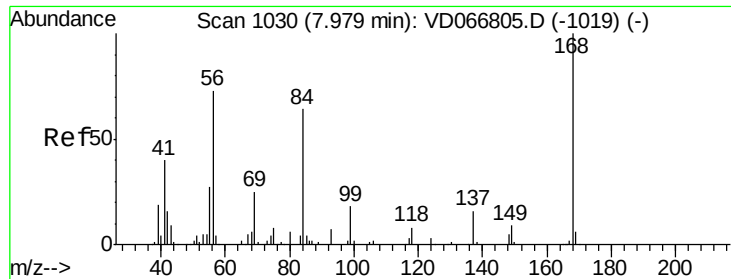
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

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Acq: 30 Sep 2020 02:50

Instrument :

MSVOA_D

ClientSampleId :

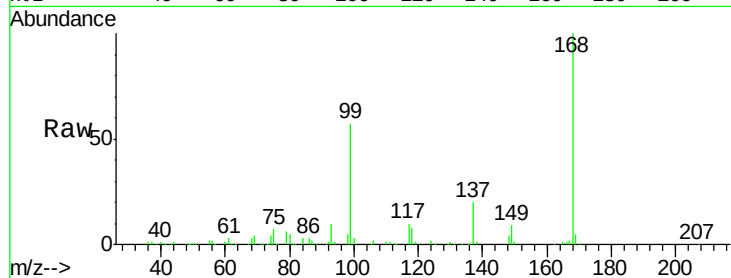
B-11(12-14)

Tot Ion:168 Resp: 387273

Ion Ratio Lower Upper

168 100

99 57.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

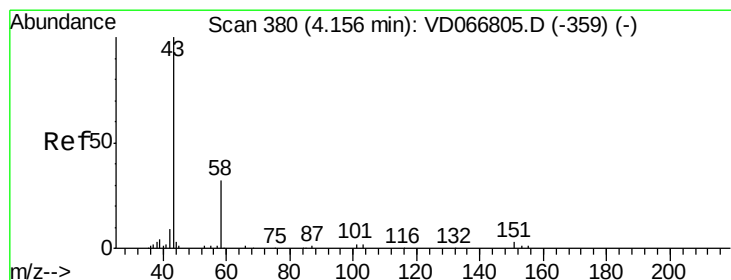
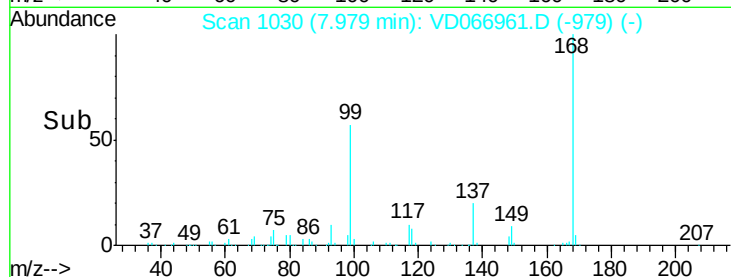
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 32.953 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066961.D

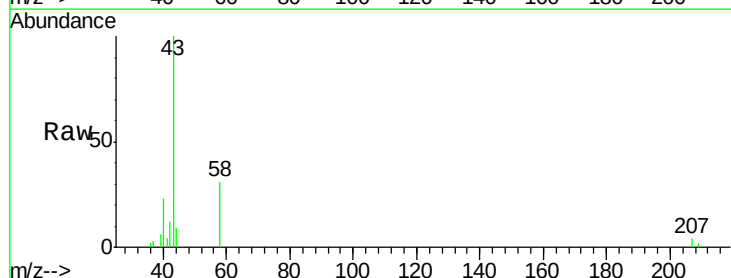
Acq: 30 Sep 2020 02:50

Tgt Ion: 43 Resp: 26497

Ion Ratio Lower Upper

43 100

58 30.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10000

8000

6000

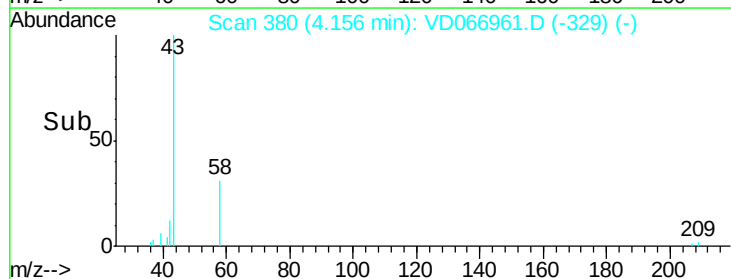
4000

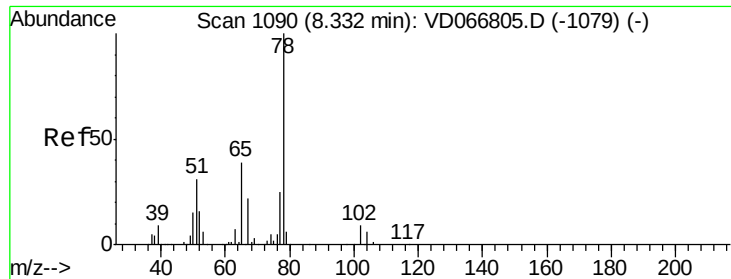
2000

0

4.05 4.10 4.15 4.20 4.25

Time-->

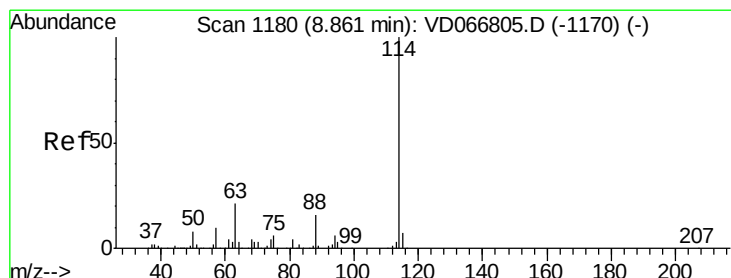
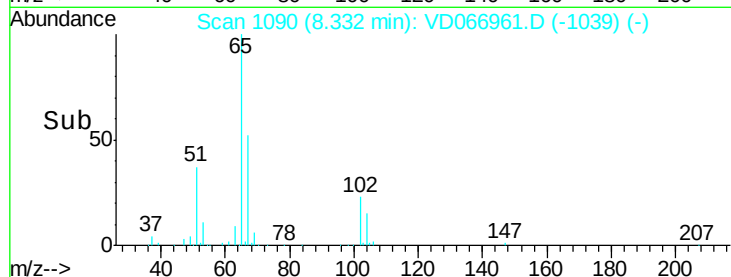
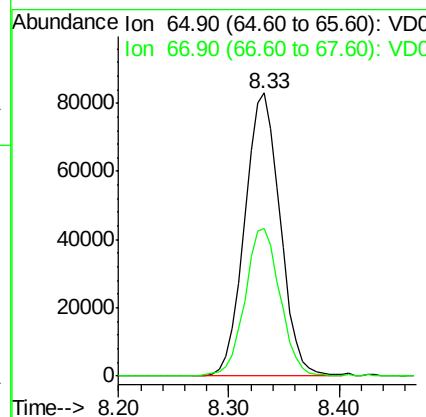
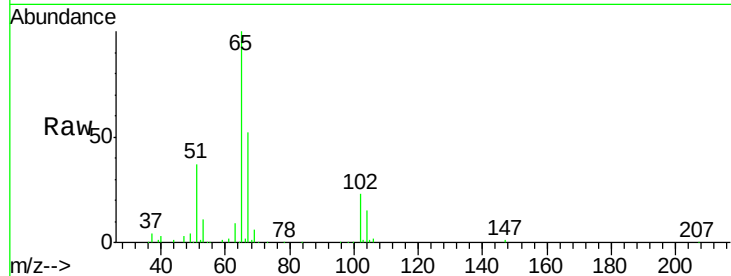




#33
 1,2-Dichloroethane-d4
 Concen: 49.374 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066961.D
 Acq: 30 Sep 2020 02:50

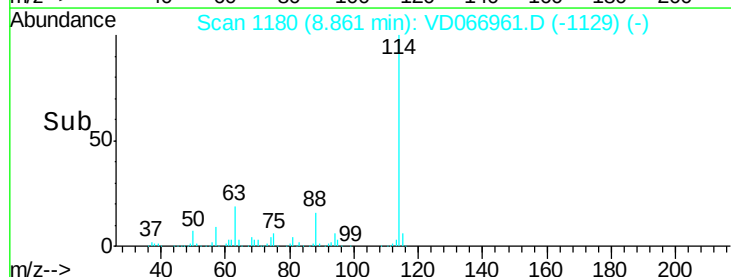
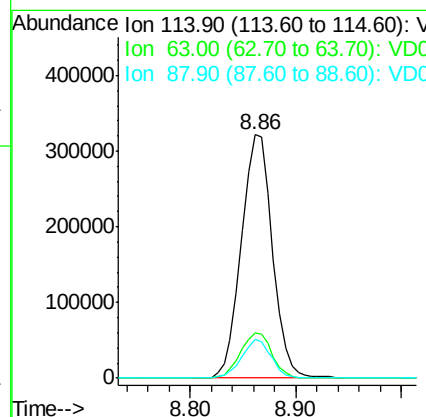
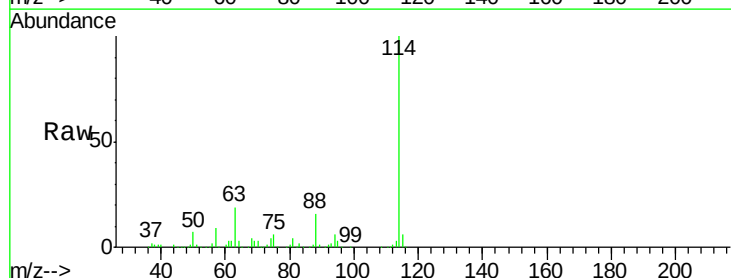
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(12-14)

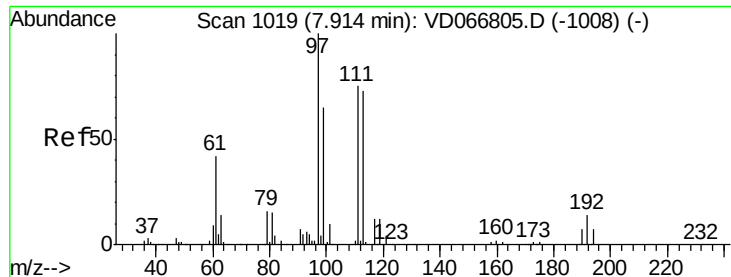
Tot Ion: 65 Resp: 187150
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066961.D
 Acq: 30 Sep 2020 02:50

Tgt Ion: 114 Resp: 656535
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.6
 88 16.1 0.0 32.6

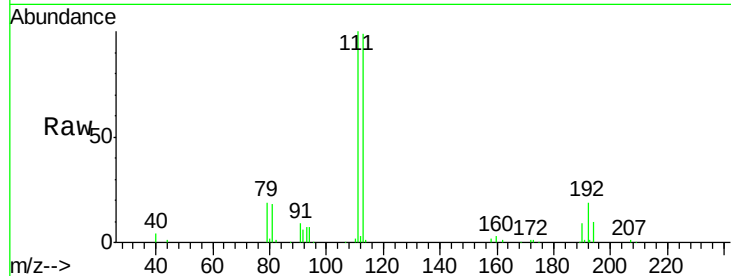




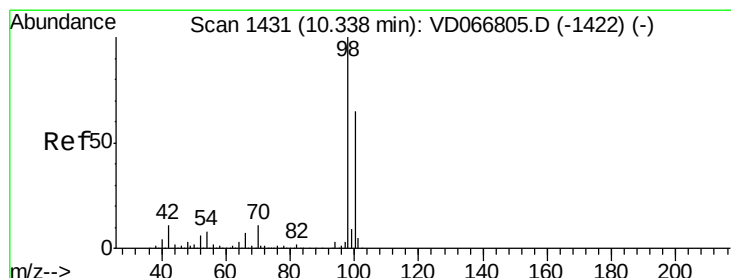
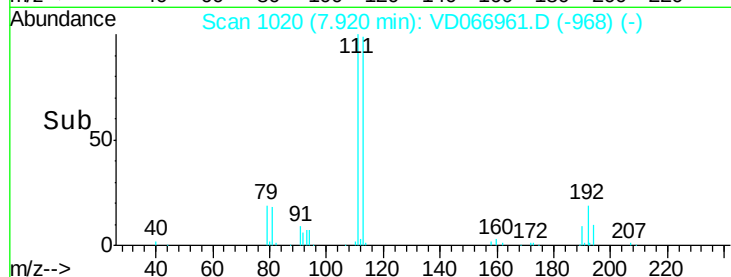
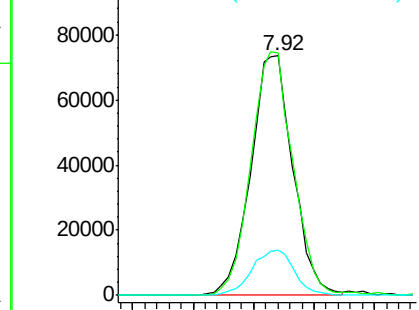
#35
 Dibromofluoromethane
 Concen: 42.553 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD066961.D
 Acq: 30 Sep 2020 02:50

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(12-14)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	19.2	14.4	21.6

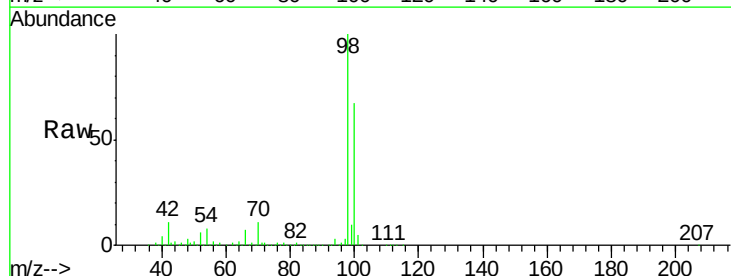


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

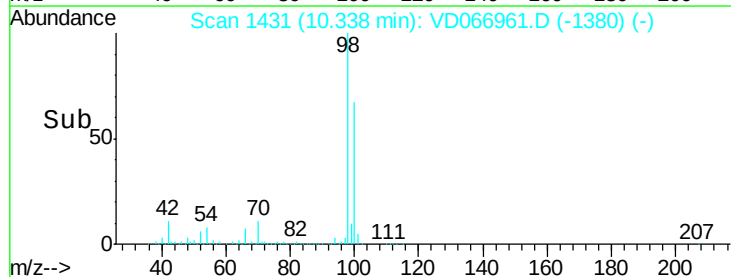
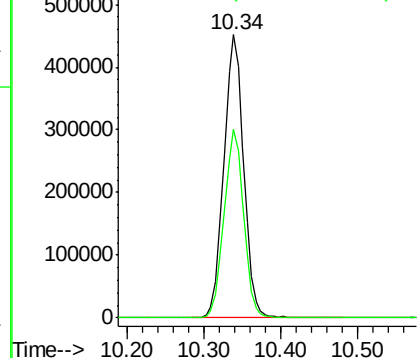


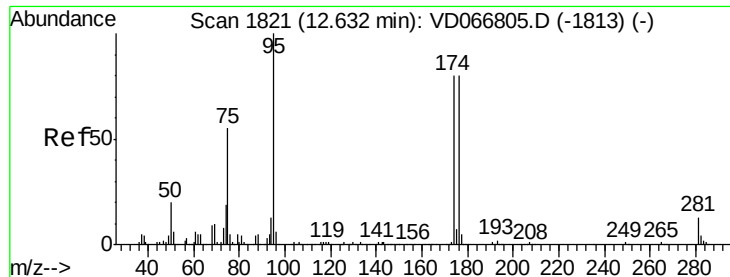
#50
 Toluene-d8
 Concen: 56.558 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066961.D
 Acq: 30 Sep 2020 02:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V

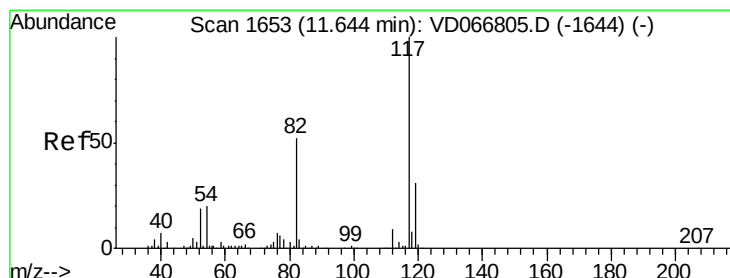
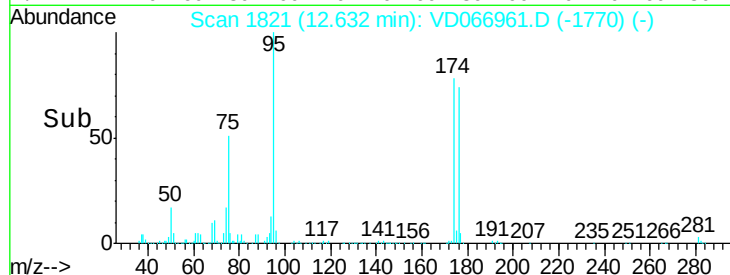
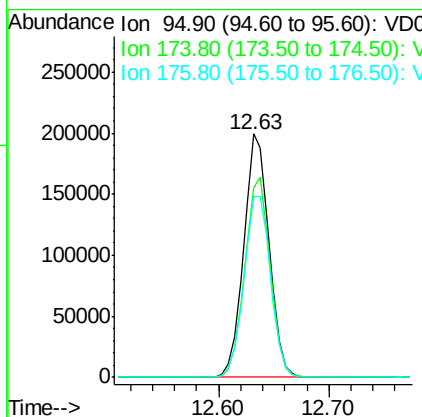
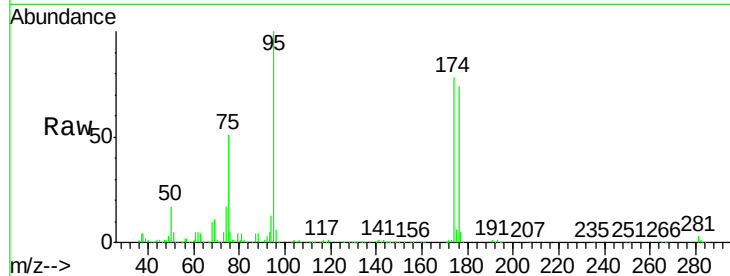




#62
4-Bromofluorobenzene
Concen: 65.841 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066961.D
Acq: 30 Sep 2020 02:50

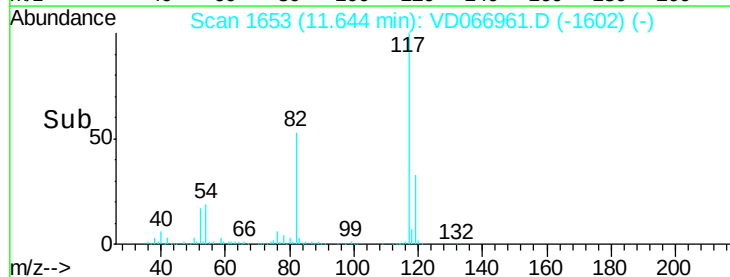
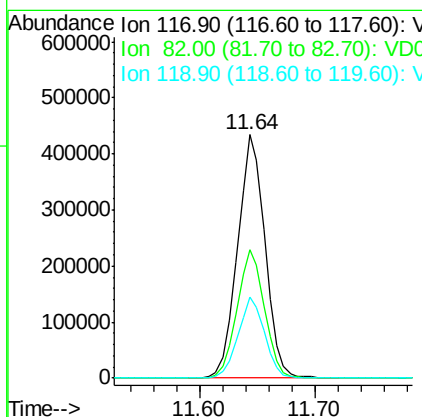
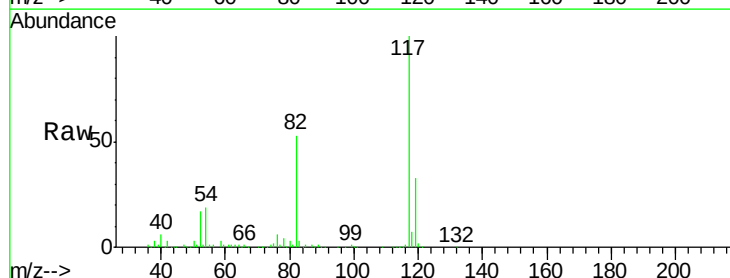
Instrument :
MSVOA_D
ClientSampleId :
B-11(12-14)

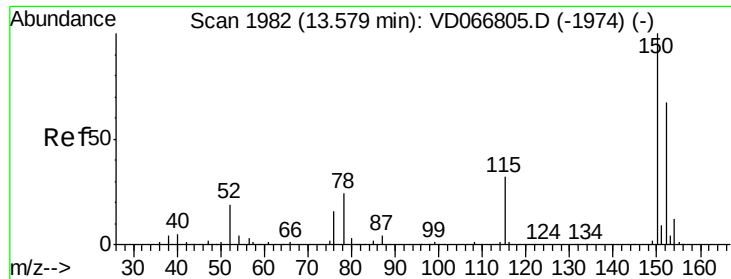
Tot Ion	95	Resp	320768
Ion Ratio	Lower	Upper	
95	100		
174	83.0	0.0	159.8
176	78.4	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066961.D
Acq: 30 Sep 2020 02:50

Tgt Ion	117	Resp	713565
Ion Ratio	Lower	Upper	
117	100		
82	52.7	41.8	62.6
119	33.2	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: VD066961.D

Acq: 30 Sep 2020 02:50

Instrument :

MSVOA_D

ClientSampleId :

B-11(12-14)

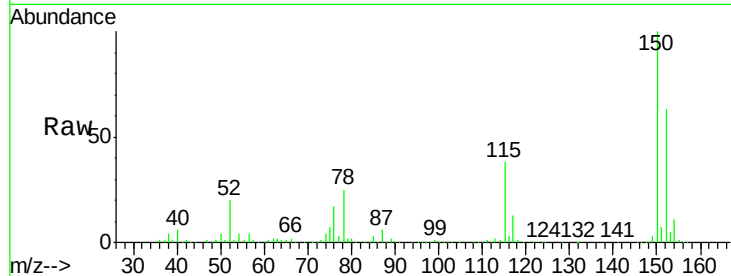
Tot Ion:152 Resp: 355629

Ion Ratio Lower Upper

152 100

115 59.7 30.3 91.0

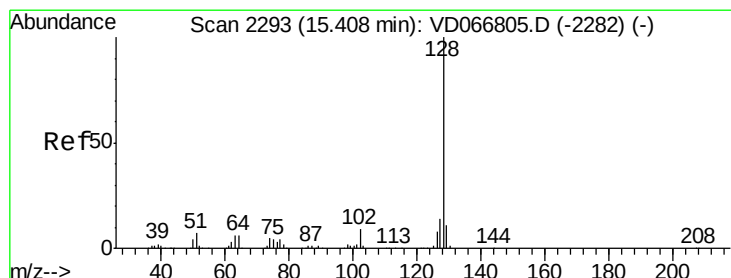
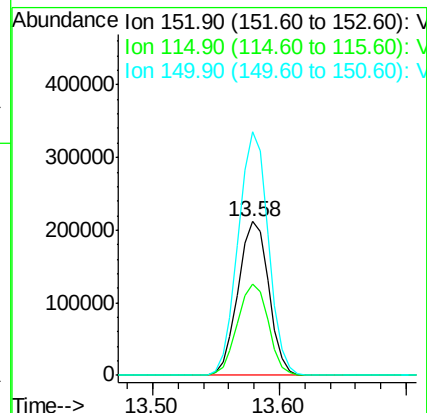
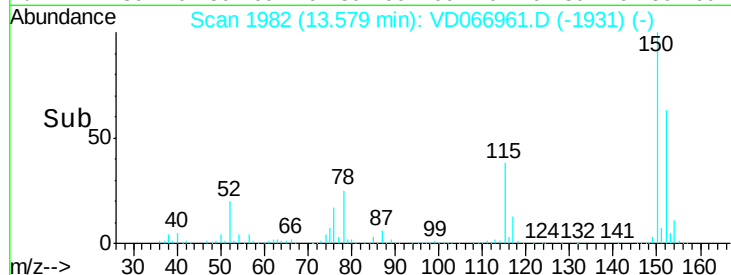
150 155.0 0.0 346.2



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: 4.928 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066961.D

Acq: 30 Sep 2020 02:50

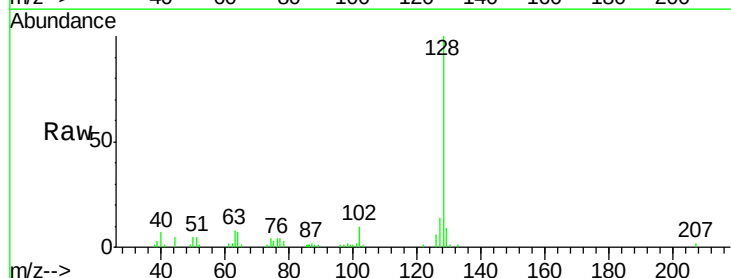
Tgt Ion:128 Resp: 53494

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.0 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

