

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066980.D
 Acq On : 30 Sep 2020 18:11
 Operator : VA/SY
 Sample : L4193-02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-12(9-11)

Quant Time: Oct 01 01:30:53 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

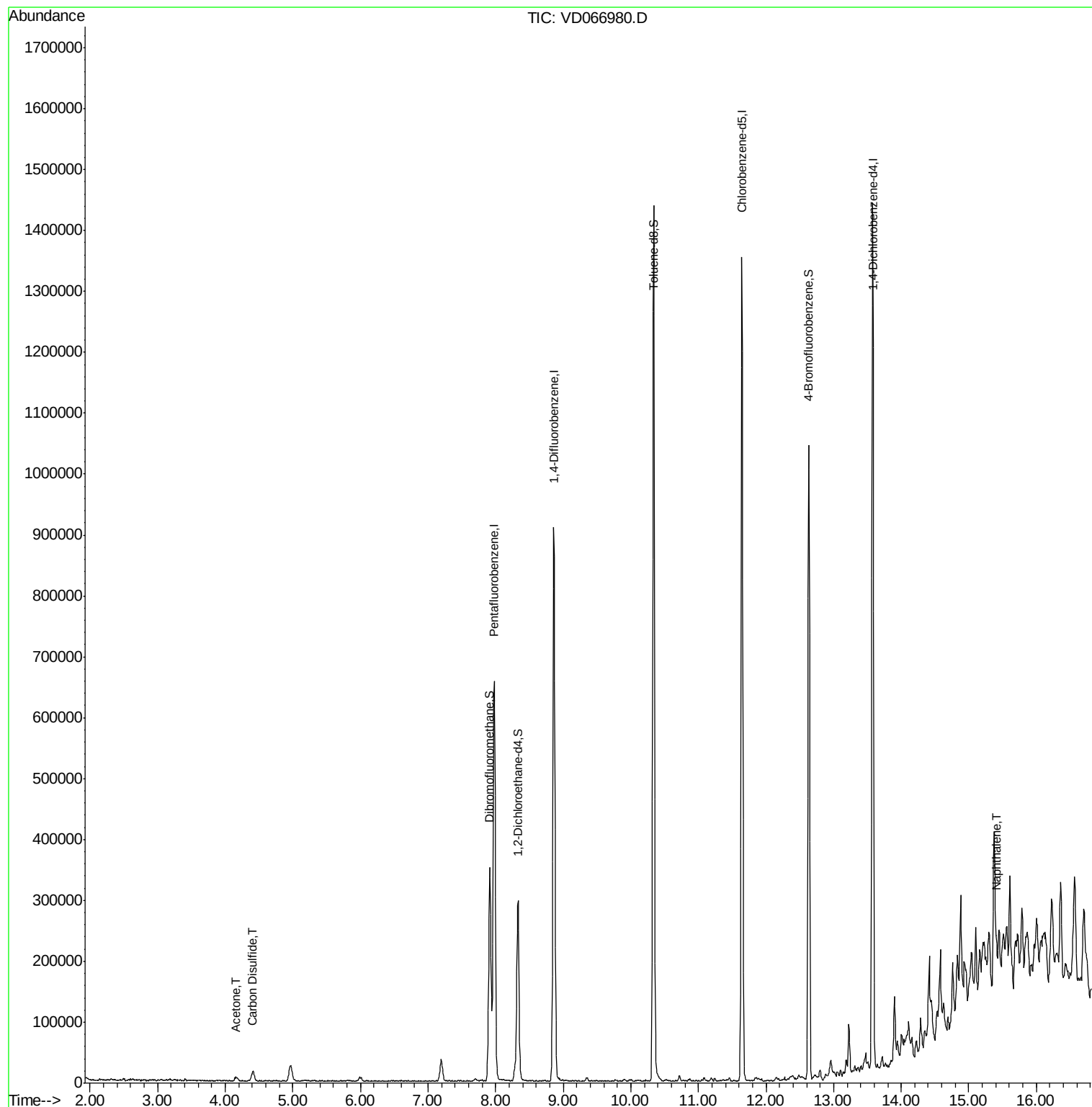
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	495007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	821941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	803124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	390518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	237399	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	7.91	113	256563	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	10.34	98	964307	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
62) 4-Bromofluorobenzene	12.63	95	344998	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	
Target Compounds						
16) Acetone	4.16	43	12702	12.359	ug/l #	80
17) Carbon Disulfide	4.41	76	35057	2.366	ug/l	97
95) Naphthalene	15.41	128	47604	3.994	ug/l #	91

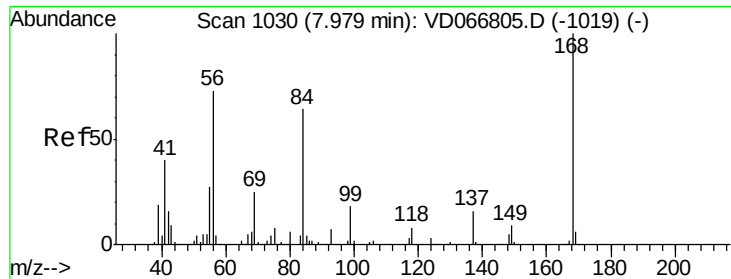
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 01:34:05 2020
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: VD066980.D

Acq: 30 Sep 2020 18:11

Instrument :

MSVOA_D

ClientSampleId :

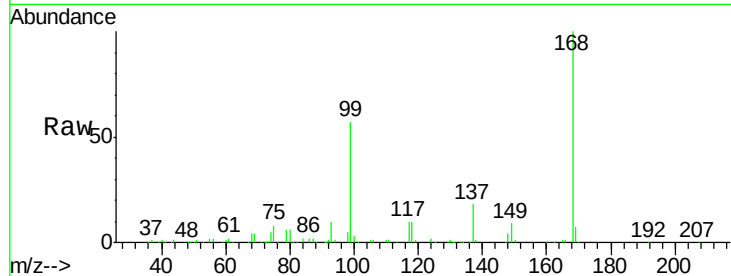
B-12(9-11)

Tot Ion:168 Resp: 495007

Ion Ratio Lower Upper

168 100

99 56.9 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

250000

200000

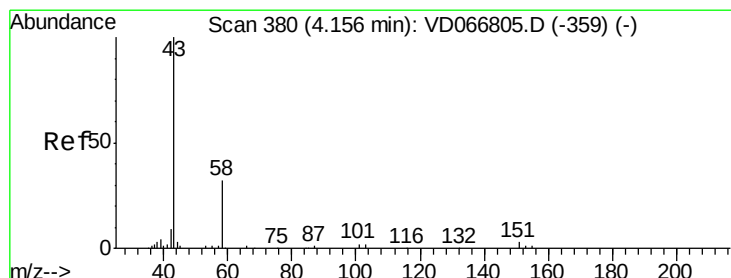
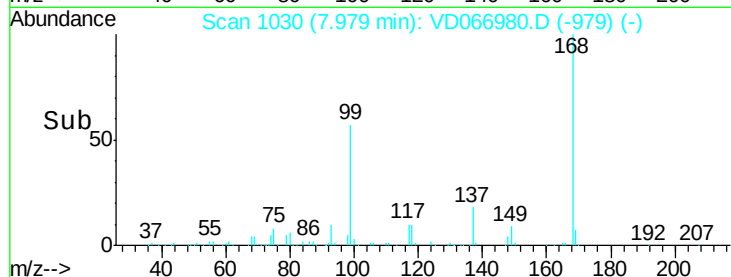
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.359 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066980.D

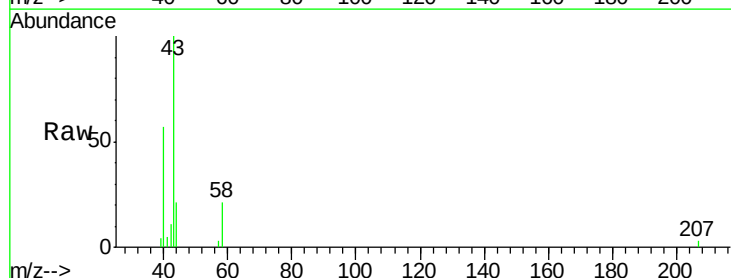
Acq: 30 Sep 2020 18:11

Tgt Ion: 43 Resp: 12702

Ion Ratio Lower Upper

43 100

58 20.7 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

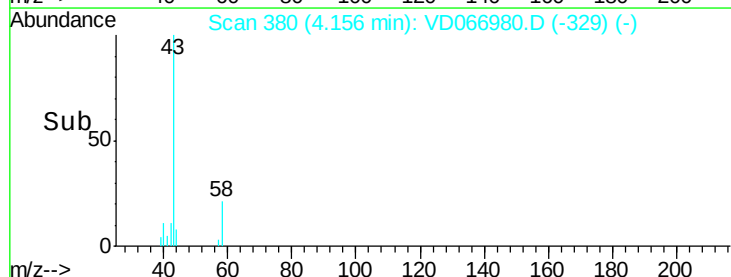
3000

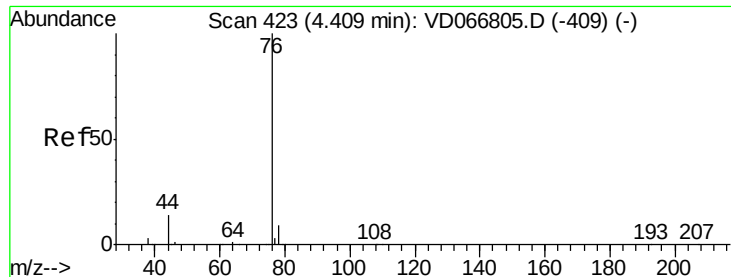
2000

1000

0

Time-->

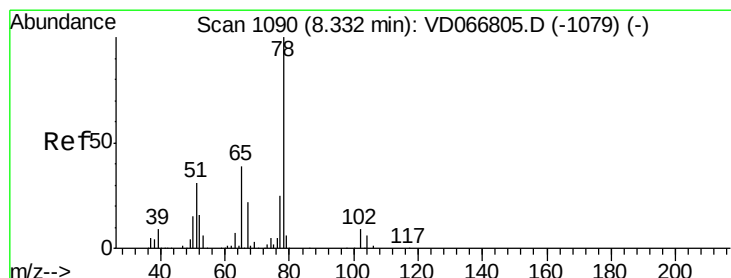
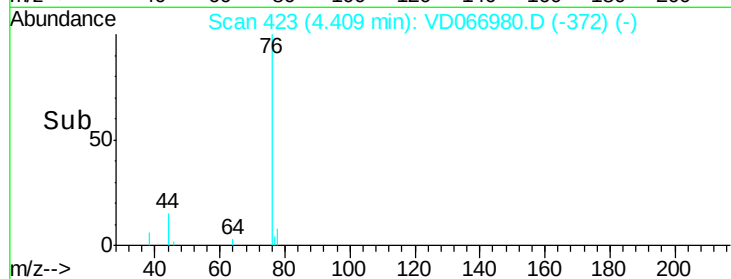
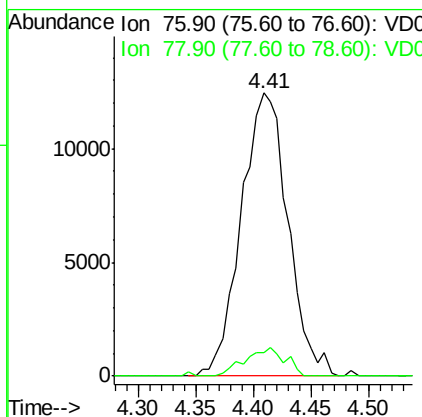
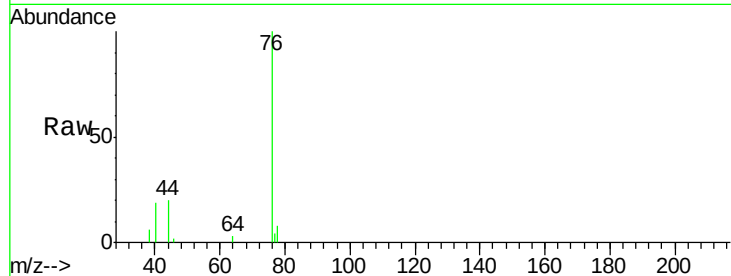




#17
 Carbon Disulfide
 Concen: 2.366 ug/l
 RT: 4.41 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VD066980.D
 Acq: 30 Sep 2020 18:11

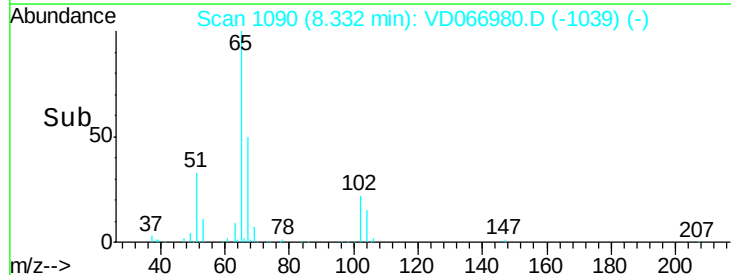
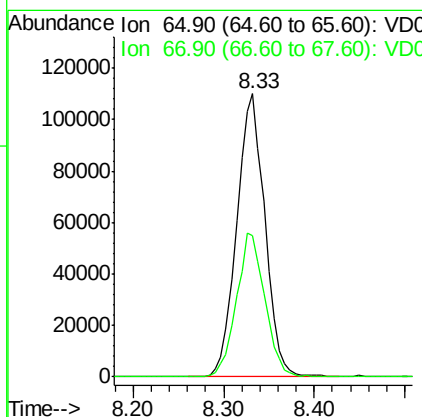
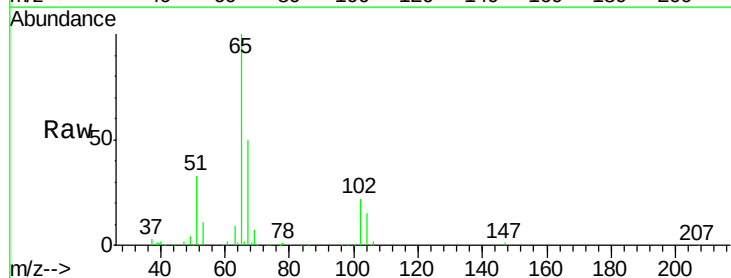
Instrument :
 MSVOA_D
 ClientSampled :
 B-12(9-11)

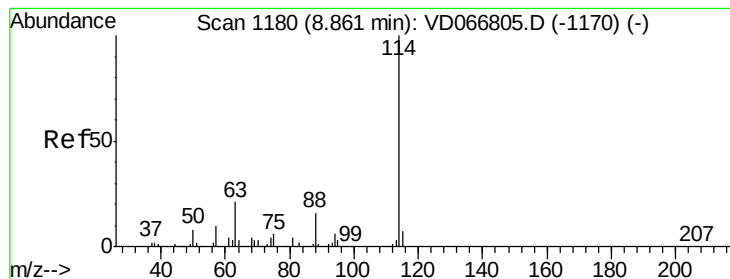
Tot Ion: 76 Resp: 35057
 Ion Ratio Lower Upper
 76 100
 78 8.3 7.6 11.4



#33
 1,2-Dichloroethane-d4
 Concen: 48.999 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066980.D
 Acq: 30 Sep 2020 18:11

Tgt Ion: 65 Resp: 237399
 Ion Ratio Lower Upper
 65 100
 67 51.3 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: VD066980.D

Acq: 30 Sep 2020 18:11

Instrument :

MSVOA_D

ClientSampleId :

B-12(9-11)

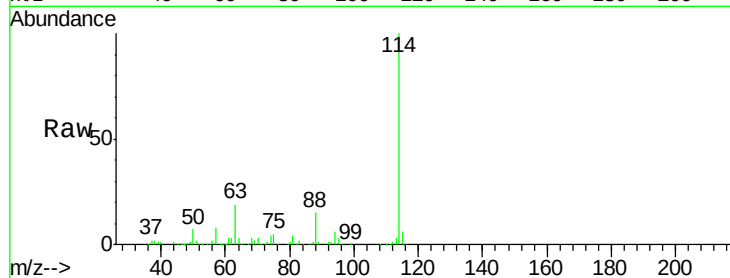
Tot Ion:114 Resp: 821941

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

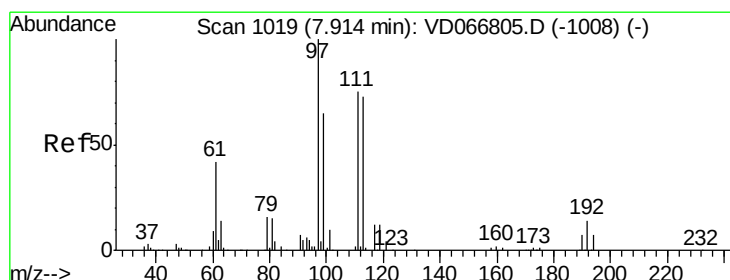
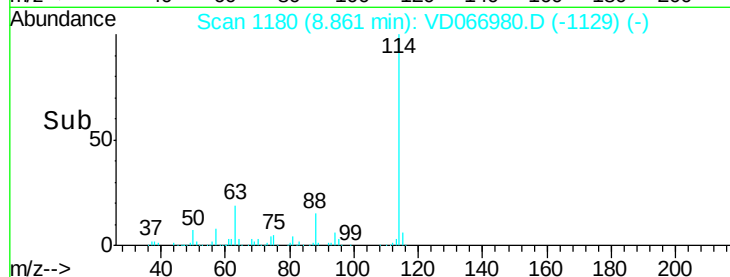
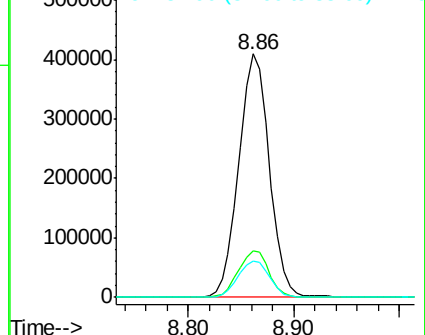
88 15.0 0.0 32.6



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: 49.064 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066980.D

Acq: 30 Sep 2020 18:11

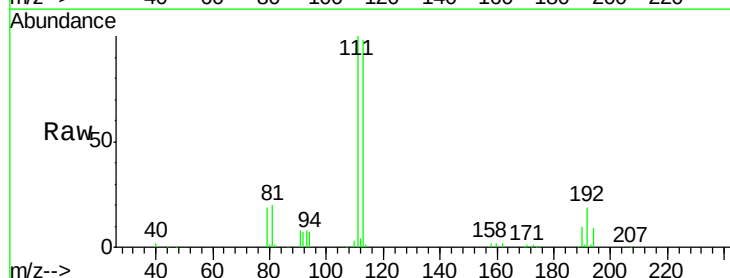
Tgt Ion:113 Resp: 256563

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

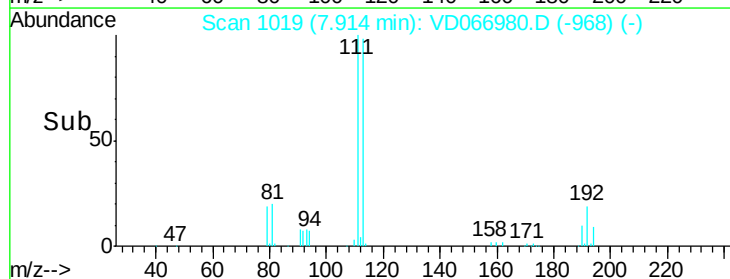
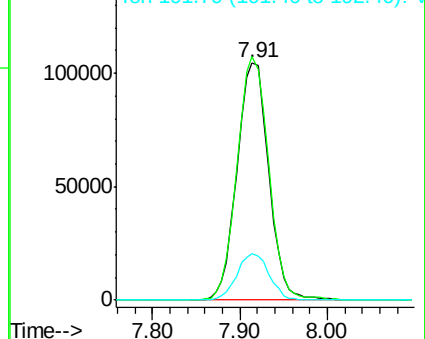
192 19.7 14.4 21.6

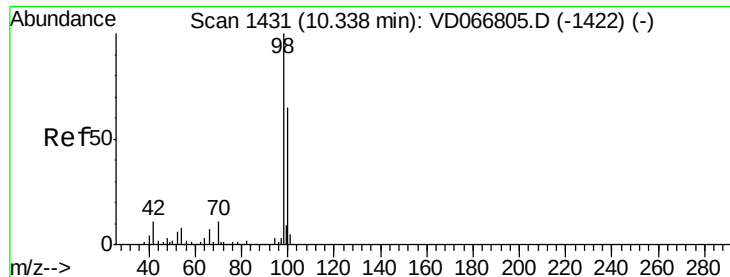


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

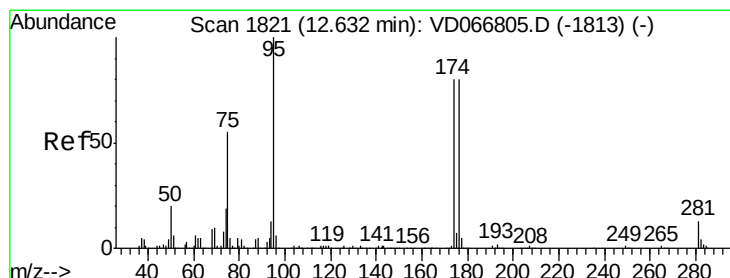
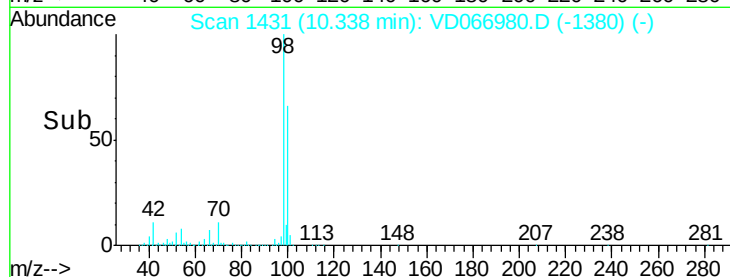
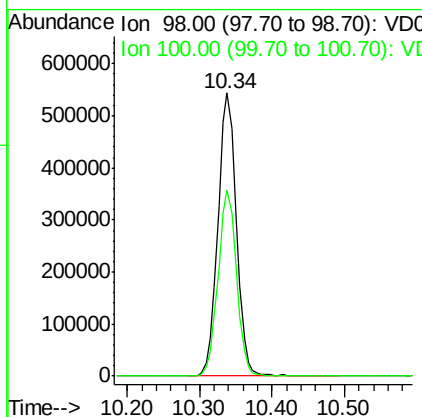
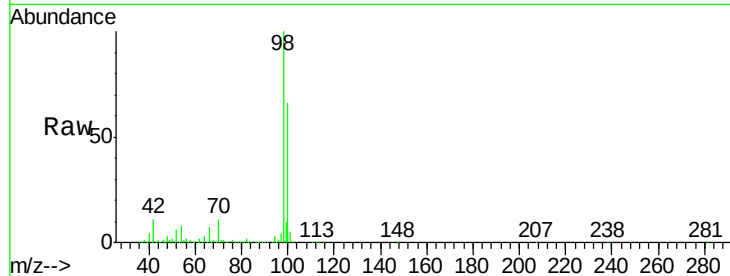




#50
Toluene-d8
Concen: 54.124 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066980.D
Acq: 30 Sep 2020 18:11

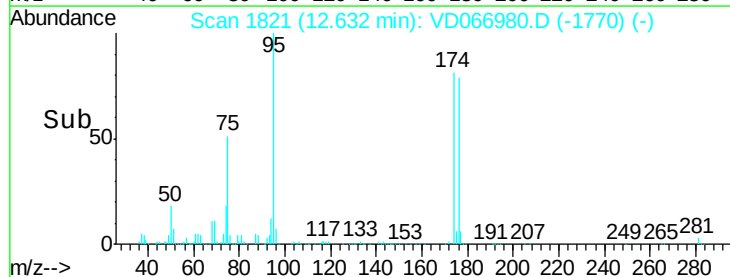
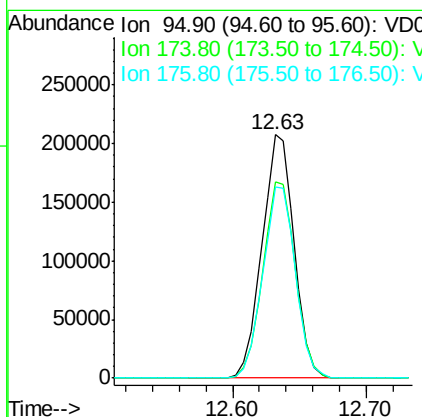
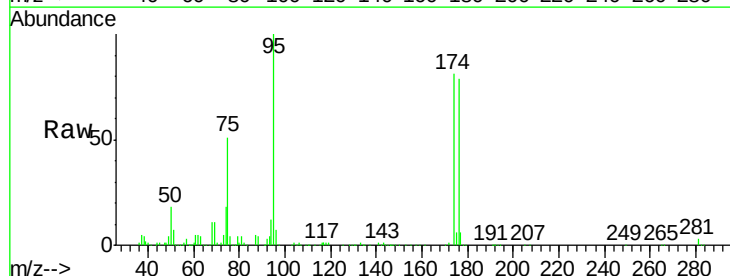
Instrument :
MSVOA_D
ClientSampleId :
B-12(9-11)

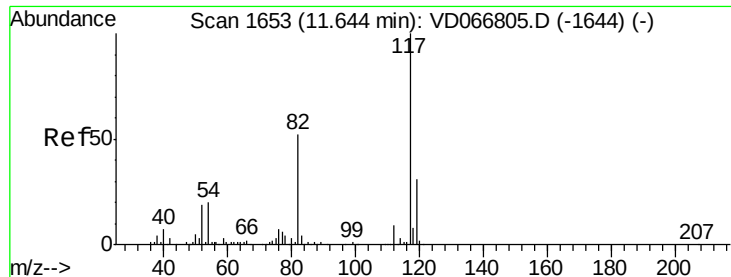
Tot Ion: 98 Resp: 964307
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 56.564 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066980.D
Acq: 30 Sep 2020 18:11

Tgt Ion: 95 Resp: 344998
Ion Ratio Lower Upper
95 100
174 82.1 0.0 159.8
176 80.1 0.0 154.4

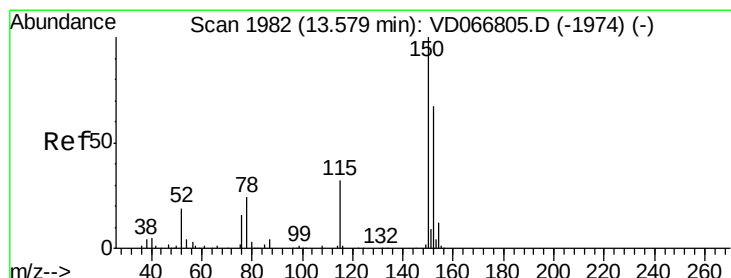
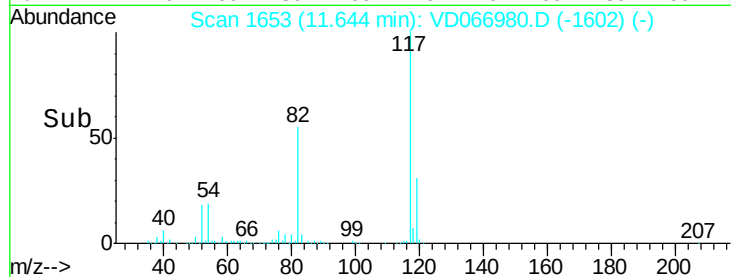
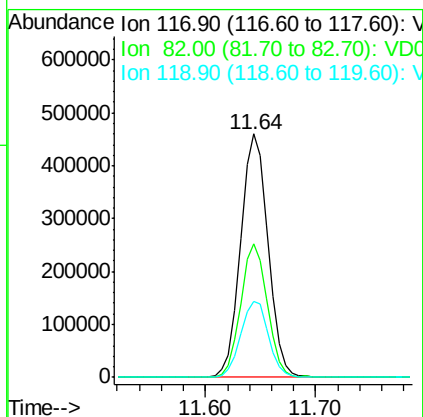
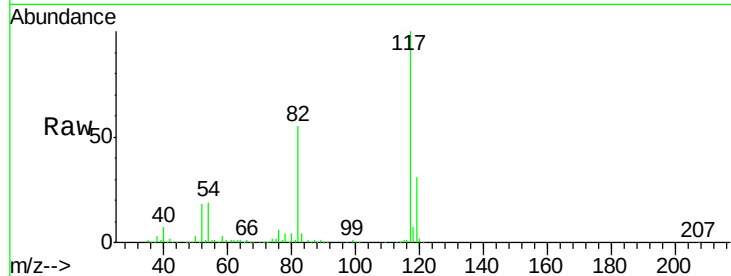




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066980.D
Acq: 30 Sep 2020 18:11

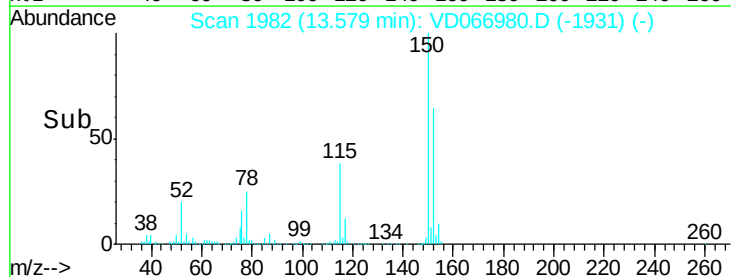
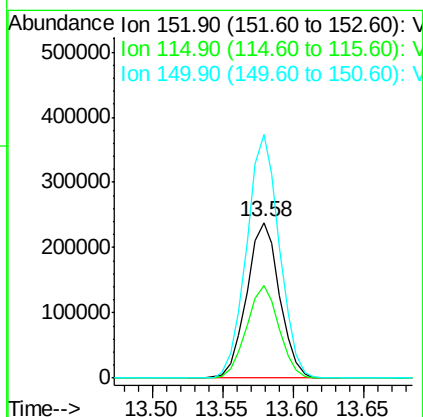
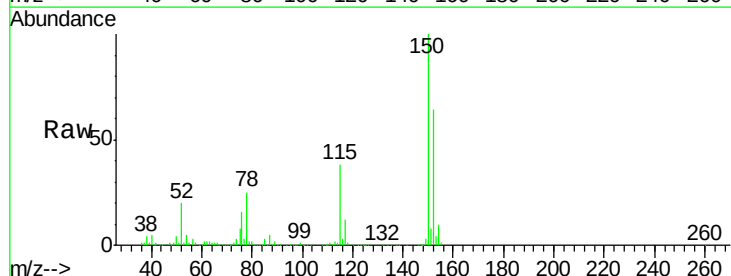
Instrument :
MSVOA_D
ClientSampleId :
B-12(9-11)

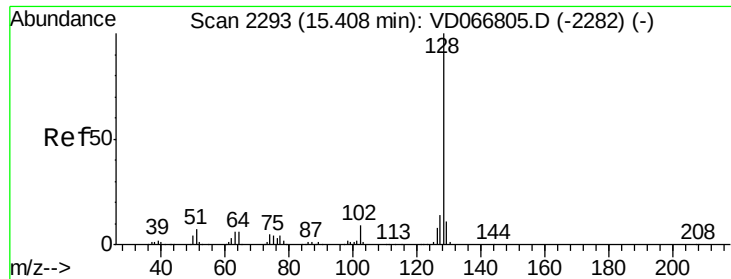
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.6
119	31.1	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066980.D
Acq: 30 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.3	91.0
150	155.6	0.0	346.2





#95

Naphthalene

Concen: 3.994 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066980.D

Acq: 30 Sep 2020 18:11

Instrument :

MSVOA_D

ClientSampleId :

B-12(9-11)

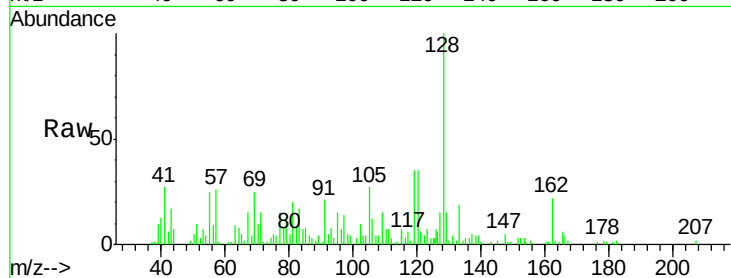
Tot Ion:128 Resp: 47604

Ion Ratio Lower Upper

128 100

127 19.4 10.6 16.0#

129 11.8 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

