

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066962.D
 Acq On : 30 Sep 2020 03:18
 Operator : VA/SY
 Sample : L4179-12
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Sep 30 05:08:02 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

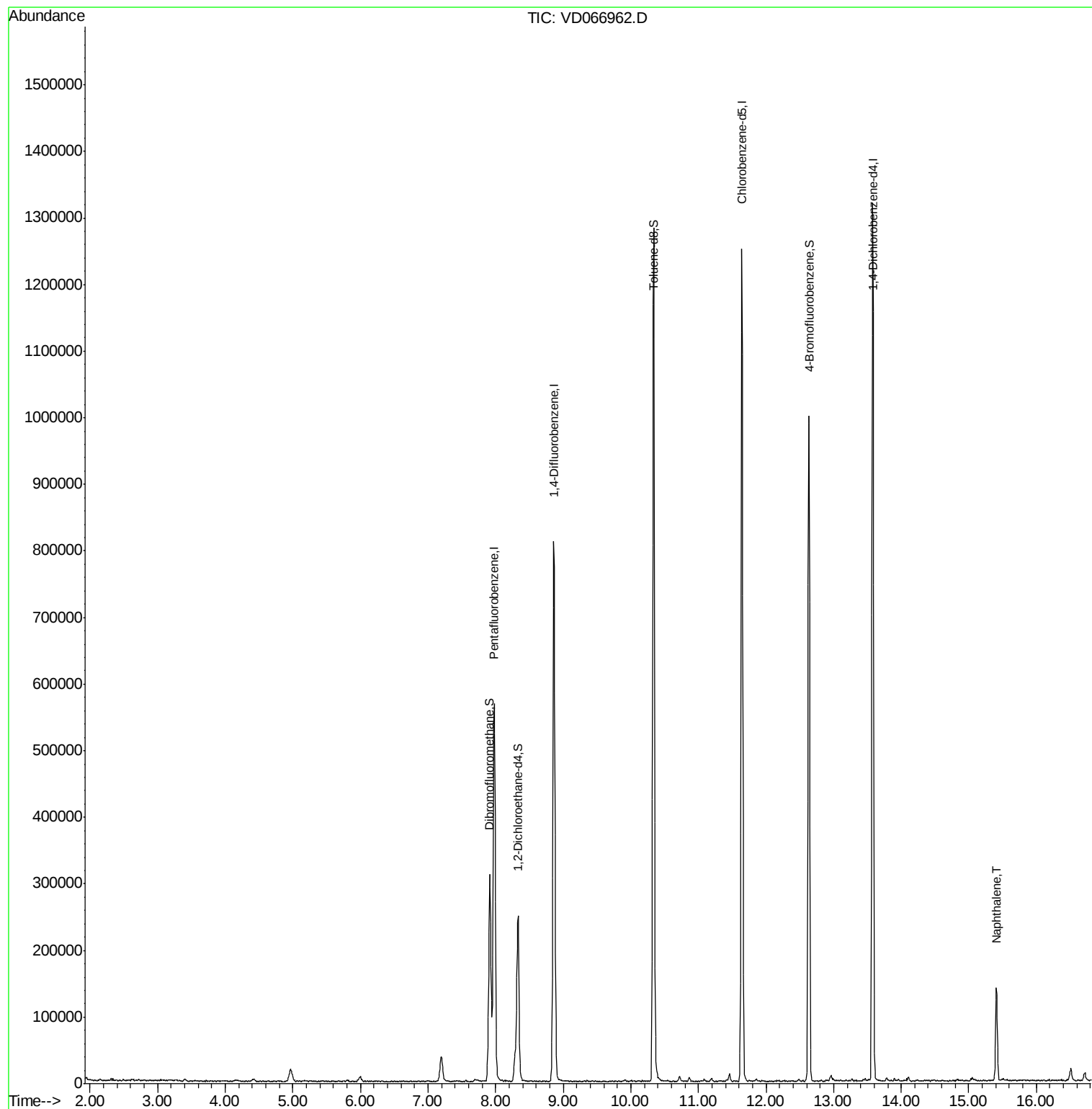
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	424419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	728305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	753936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	351244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	197131	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
35) Dibromofluoromethane	7.91	113	219732	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.34	98	869025	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
62) 4-Bromofluorobenzene	12.63	95	322939	59.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.50%	
Target Compounds						
95) Naphthalene	15.41	128	124814	11.643	ug/l	Qvalue 99

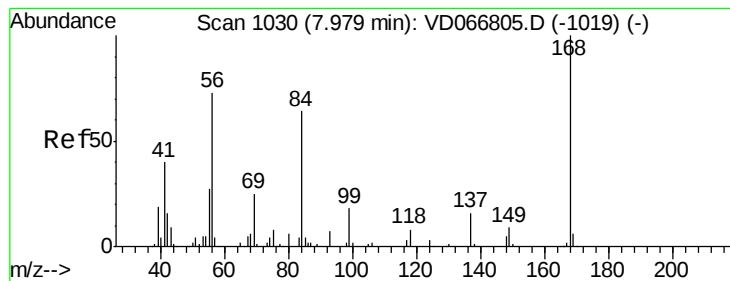
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066962.D

Acq: 30 Sep 2020 03:18

Instrument :

MSVOA_D

ClientSampleId :

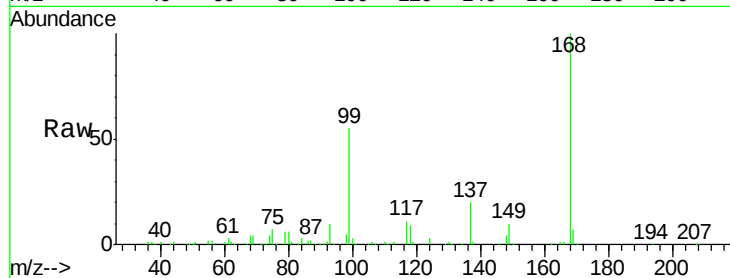
B-11(9-11)

Tot Ion:168 Resp: 424419

Ion Ratio Lower Upper

168 100

99 55.4 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

200000

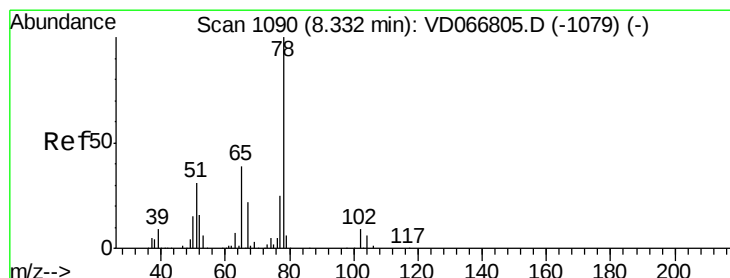
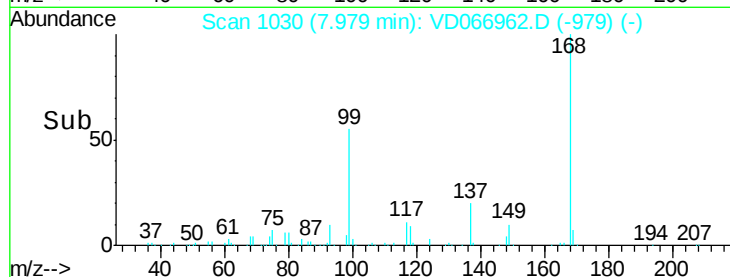
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.455 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066962.D

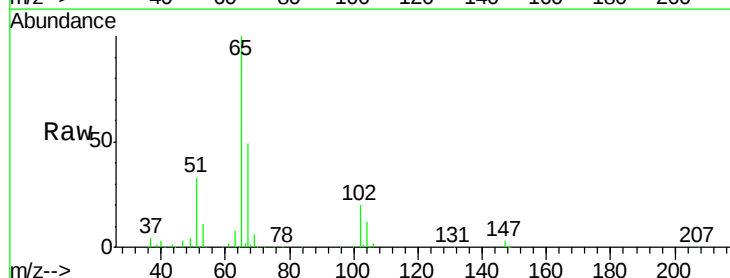
Acq: 30 Sep 2020 03:18

Tgt Ion: 65 Resp: 197131

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

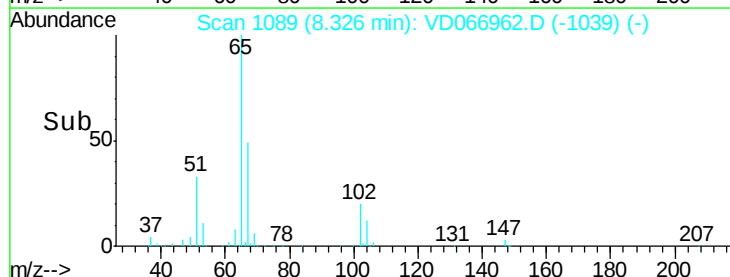
60000

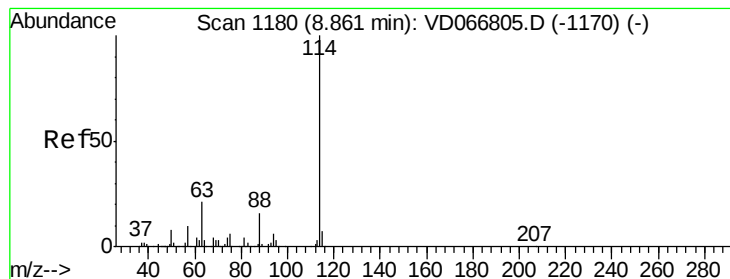
40000

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: VD066962.D

Acq: 30 Sep 2020 03:18

Instrument :

MSVOA_D

ClientSampleId :

B-11(9-11)

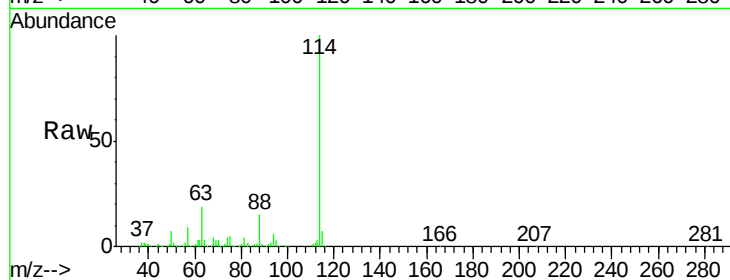
Tot Ion:114 Resp: 728305

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.6

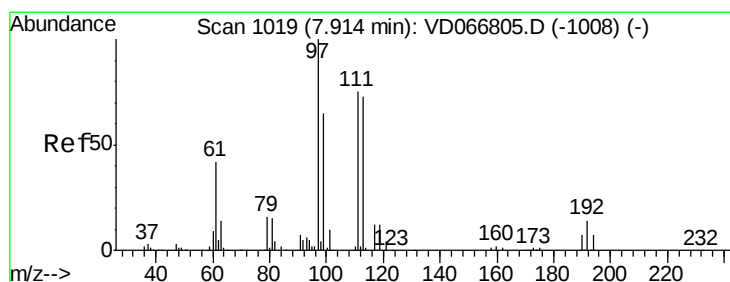
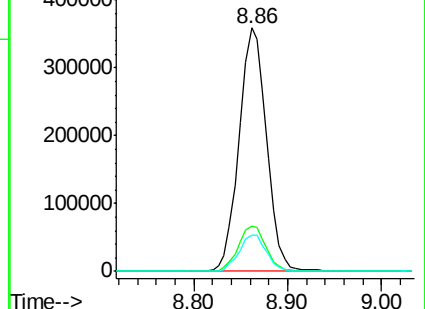
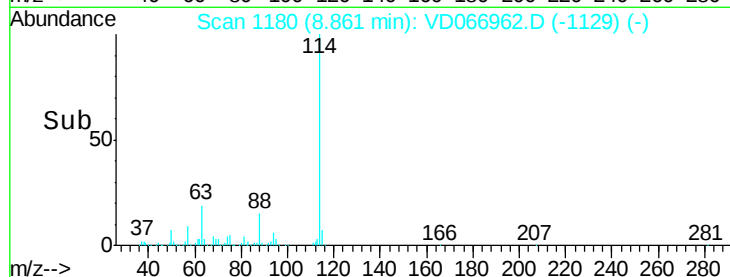
88 15.0 0.0 32.6



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: 47.423 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066962.D

Acq: 30 Sep 2020 03:18

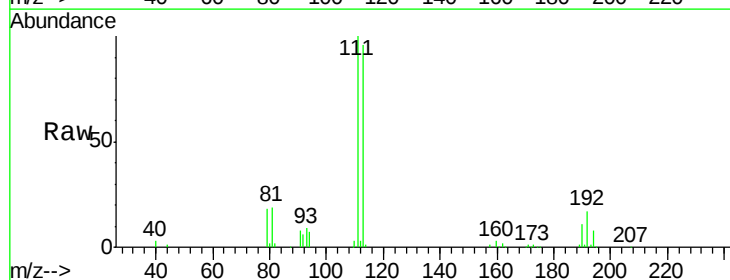
Tgt Ion:113 Resp: 219732

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

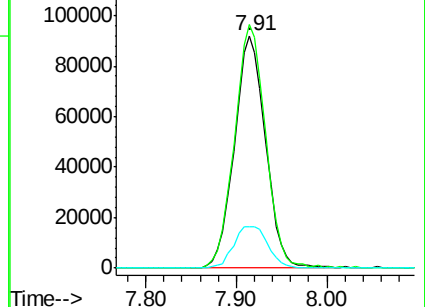
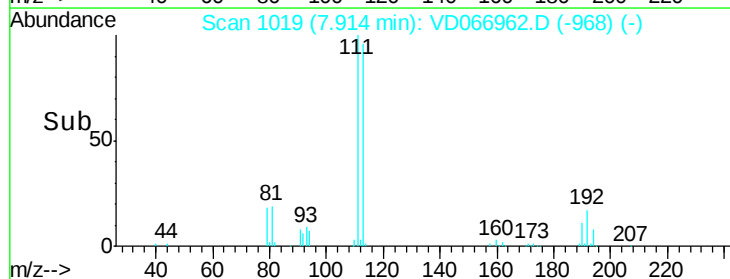
192 19.7 14.4 21.6

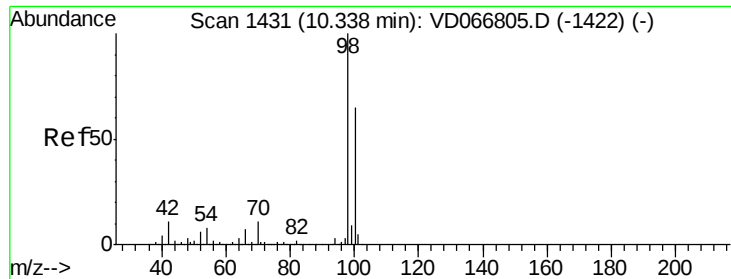


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

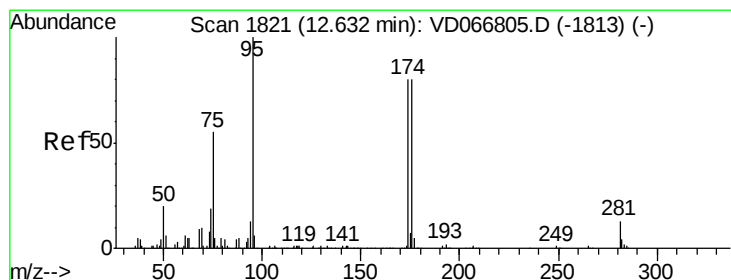
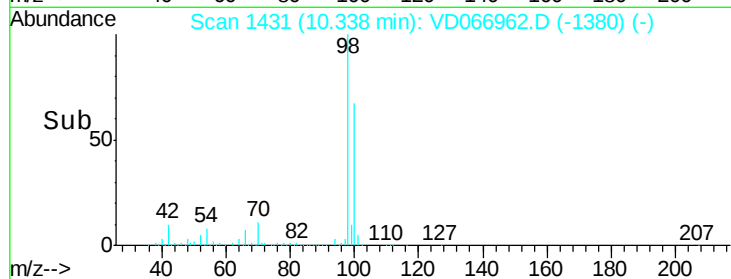
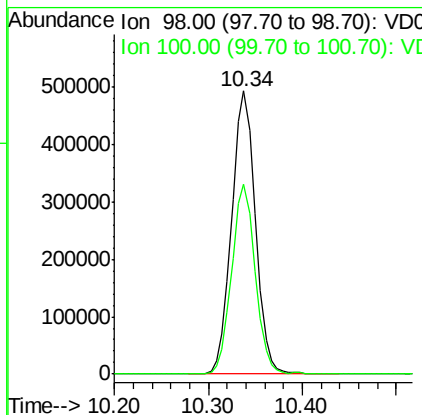
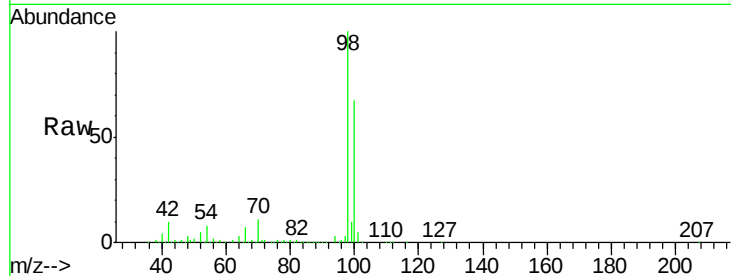




#50
Toluene-d8
Concen: 55.047 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066962.D
Acq: 30 Sep 2020 03:18

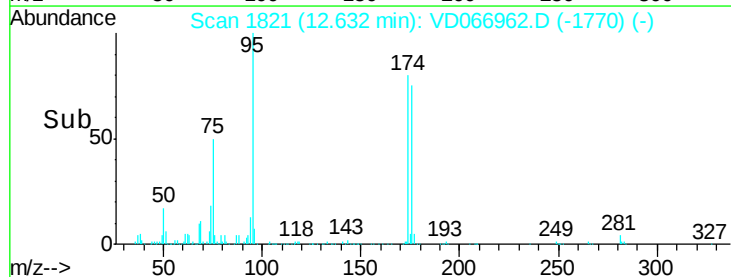
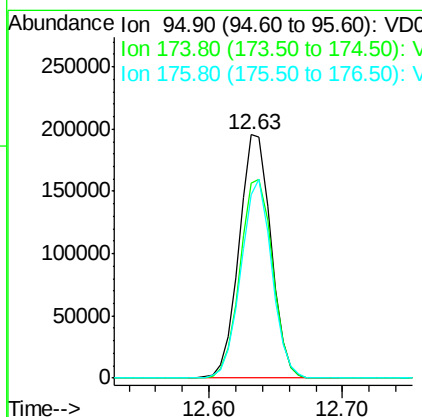
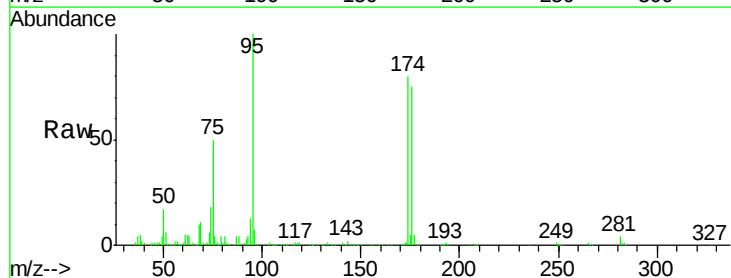
Instrument :
MSVOA_D
ClientSampled :
B-11(9-11)

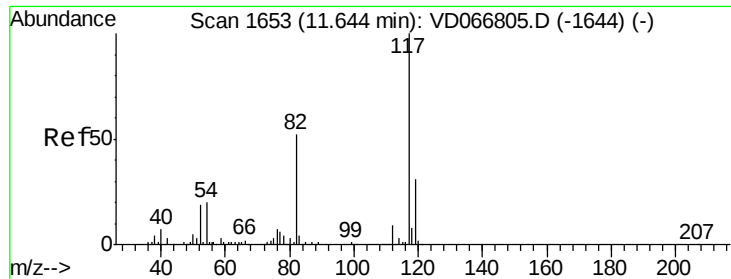
Tot Ion: 98 Resp: 869025
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 59.754 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066962.D
Acq: 30 Sep 2020 03:18

Tgt Ion: 95 Resp: 322939
Ion Ratio Lower Upper
95 100
174 83.1 0.0 159.8
176 78.5 0.0 154.4

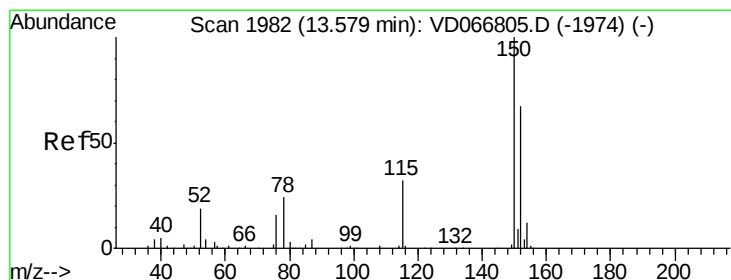
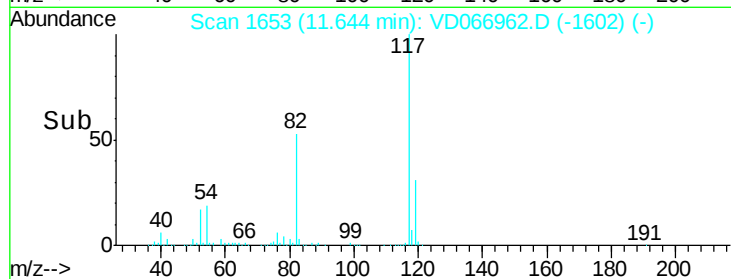
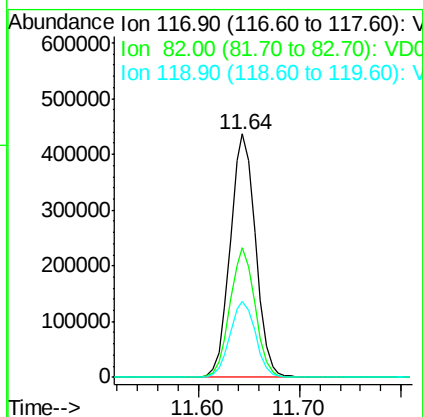
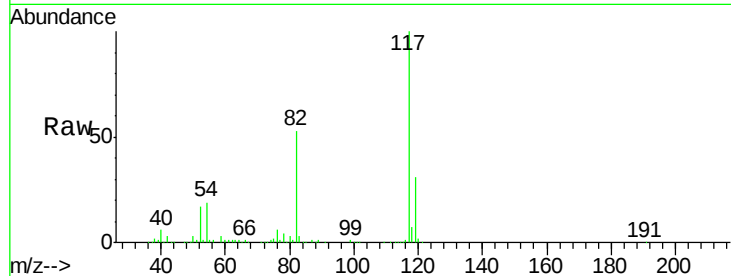




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066962.D
Acq: 30 Sep 2020 03:18

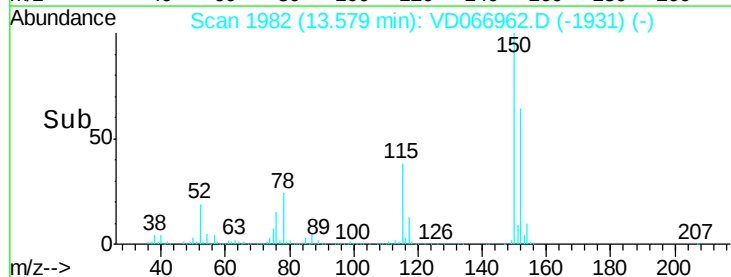
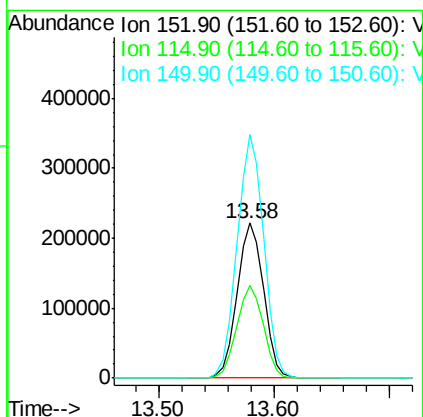
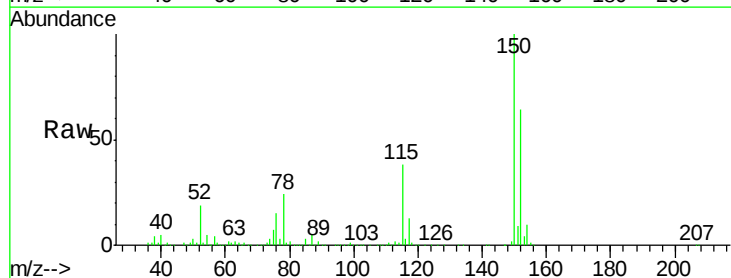
Instrument :
MSVOA_D
ClientSampleId :
B-11(9-11)

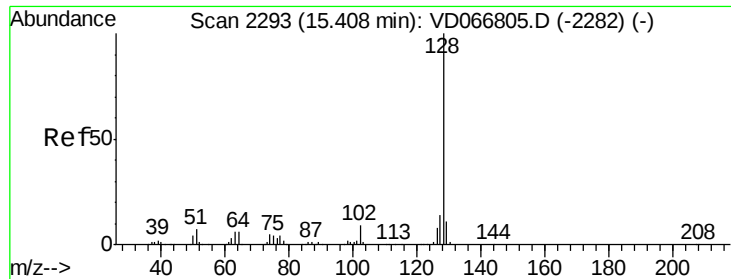
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.8	62.6
119	31.2	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066962.D
Acq: 30 Sep 2020 03:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.3	91.0
150	158.3	0.0	346.2





#95

Naphthalene

Concen: 11.643 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066962.D

Acq: 30 Sep 2020 03:18

Instrument :

MSVOA_D

ClientSampleId :

B-11(9-11)

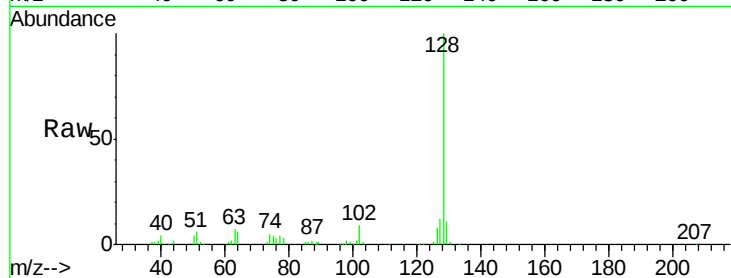
Tot Ion:128 Resp: 124814

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.6 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

