

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066971.D
 Acq On : 30 Sep 2020 14:03
 Operator : VA/SY
 Sample : L4179-12
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 01 01:14:06 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

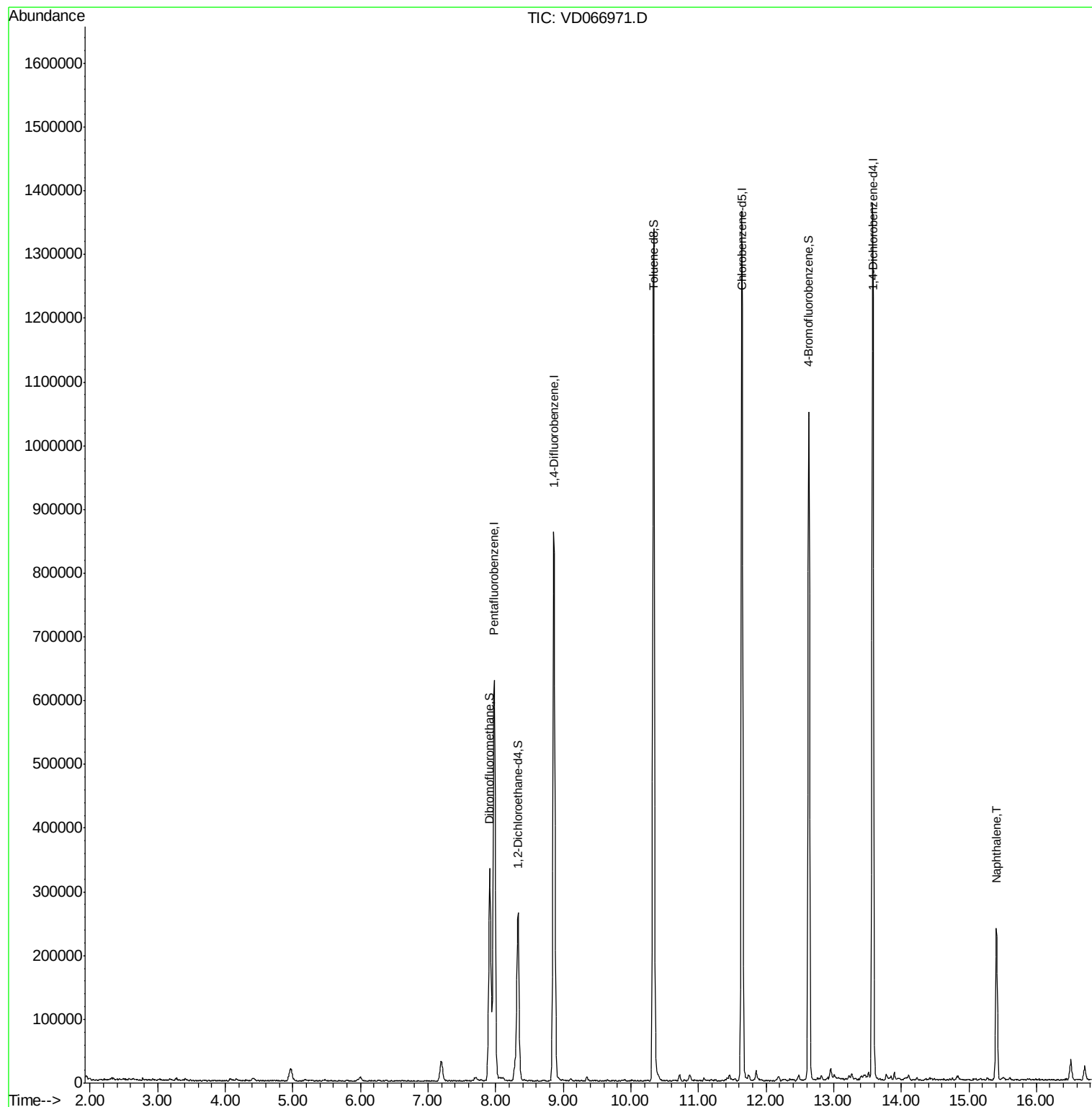
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	469052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	778196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	799693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	370403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	212975	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
35) Dibromofluoromethane	7.91	113	241205	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	10.34	98	928673	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
62) 4-Bromofluorobenzene	12.63	95	353697	61.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.50%	
Target Compounds						
95) Naphthalene	15.41	128	211053	18.669	ug/l	Qvalue 99

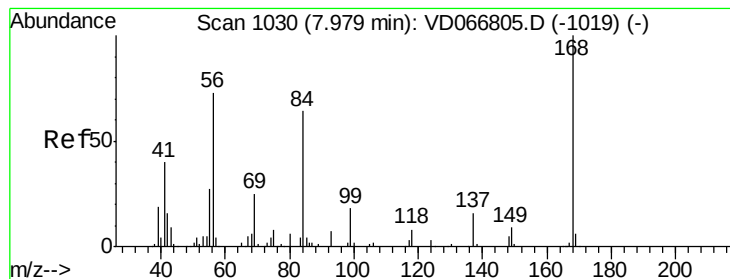
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 01:34:05 2020
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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: VD066971.D

Acq: 30 Sep 2020 14:03

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MSVOA_D

ClientSampleId :

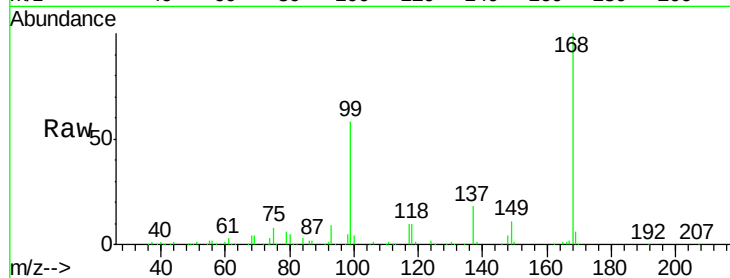
B-11(9-11)

Tot Ion:168 Resp: 469052

Ion Ratio Lower Upper

168 100

99 58.2 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

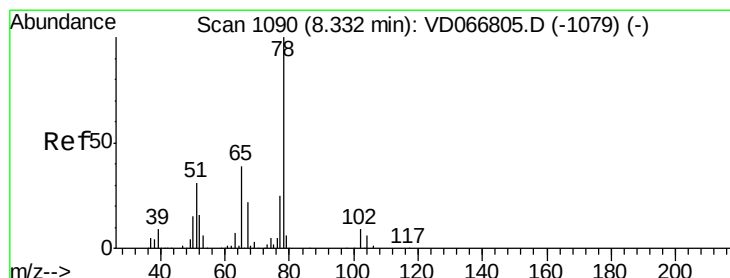
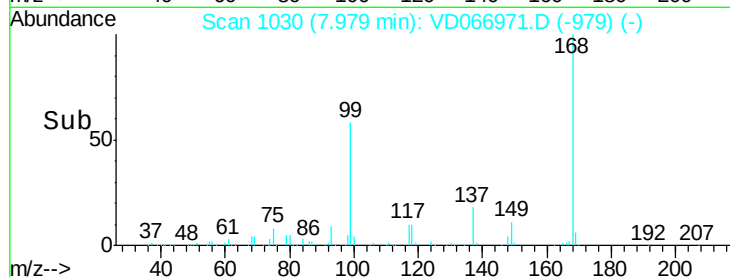
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.391 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066971.D

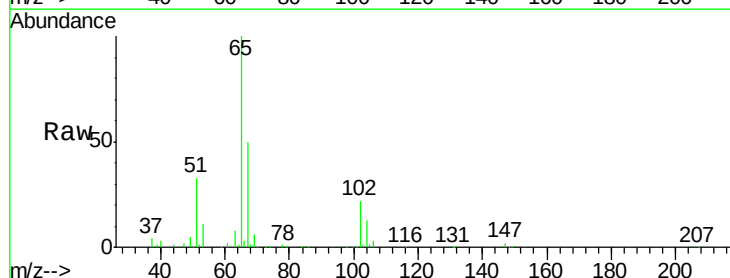
Acq: 30 Sep 2020 14:03

Tgt Ion: 65 Resp: 212975

Ion Ratio Lower Upper

65 100

67 51.9 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

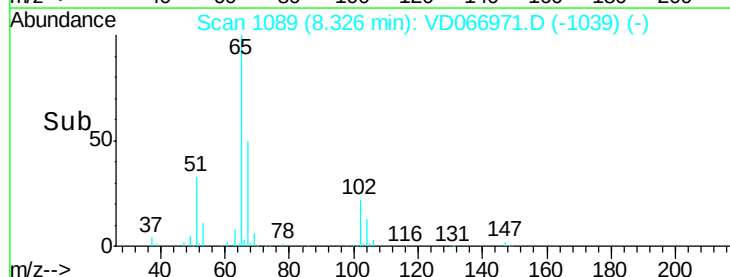
60000

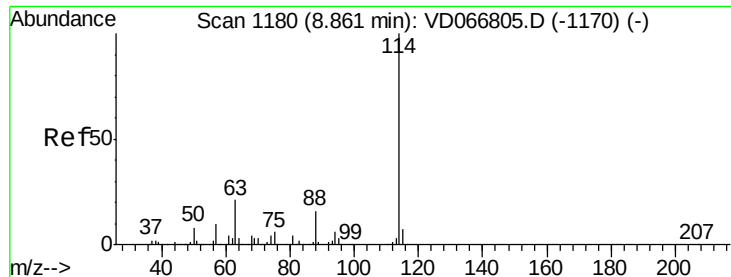
40000

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: VD066971.D

Acq: 30 Sep 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

B-11(9-11)

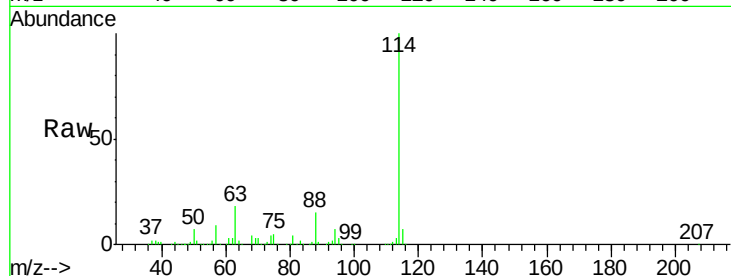
Tot Ion:114 Resp: 778196

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.6

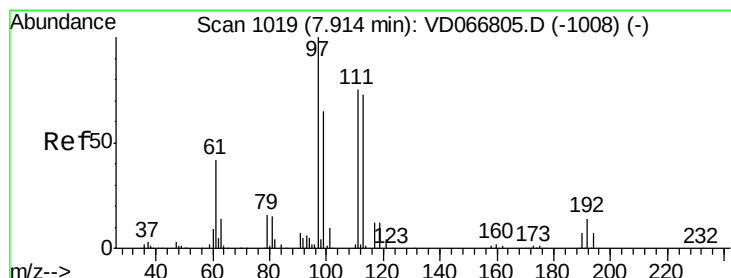
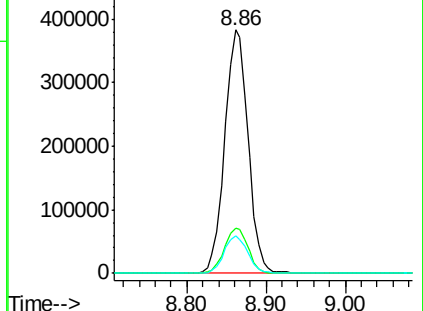
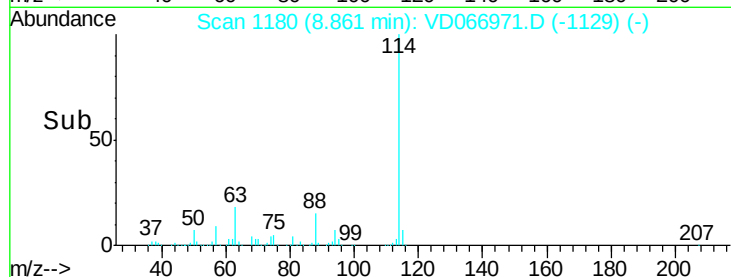
88 15.3 0.0 32.6



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: 48.720 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066971.D

Acq: 30 Sep 2020 14:03

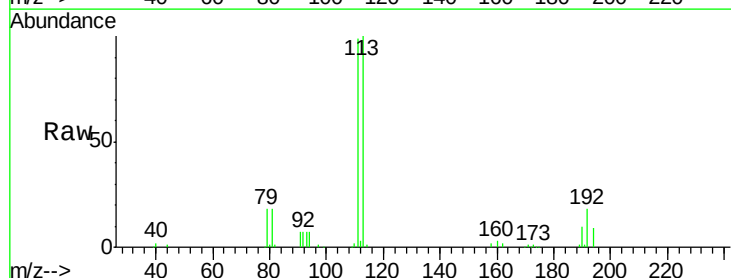
Tgt Ion:113 Resp: 241205

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

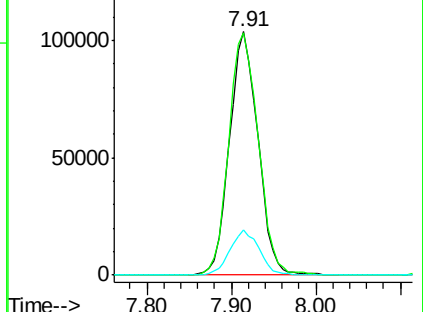
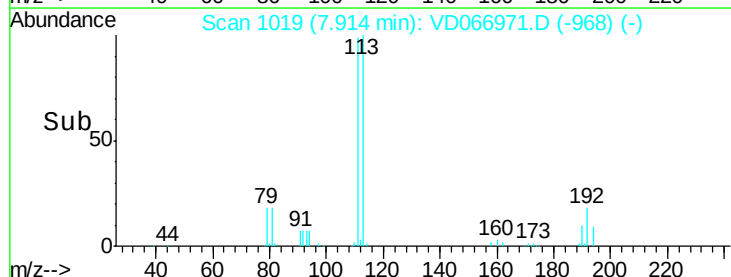
192 18.8 14.4 21.6

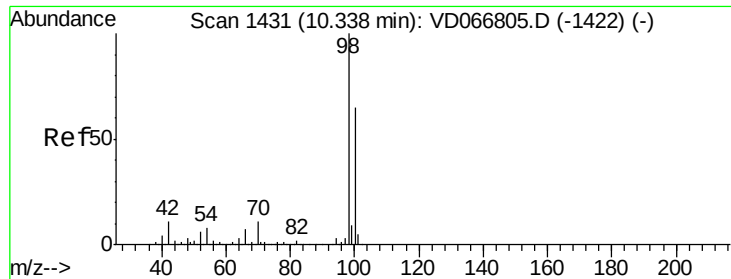


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.054 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066971.D

Acq: 30 Sep 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

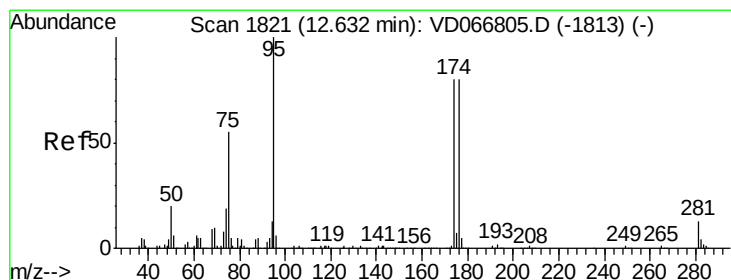
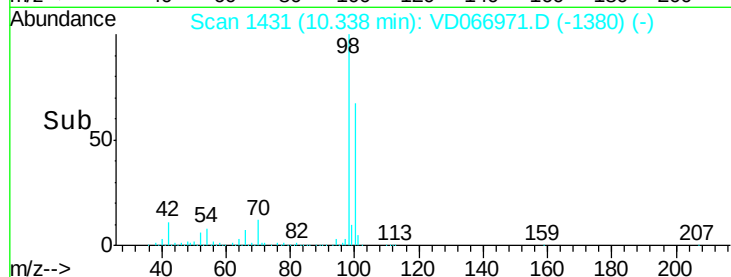
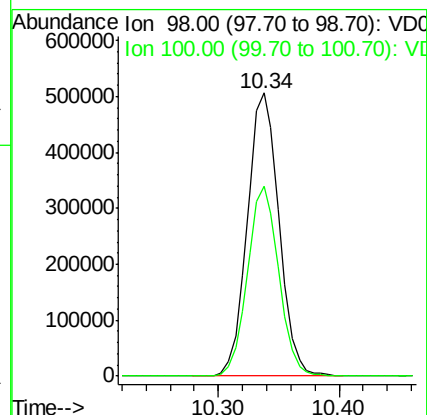
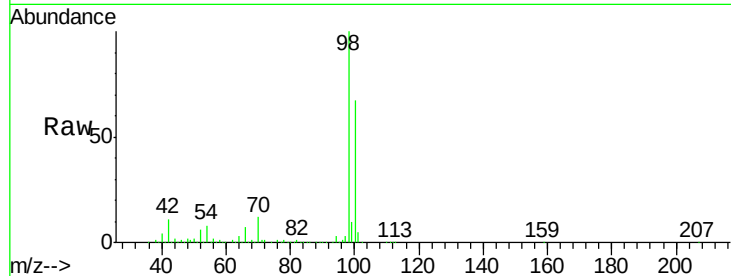
B-11(9-11)

Tot Ion: 98 Resp: 928673

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 61.250 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066971.D

Acq: 30 Sep 2020 14:03

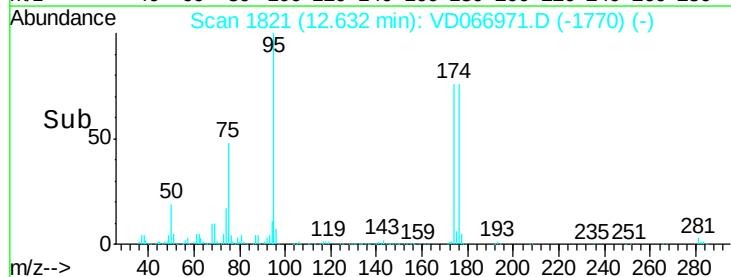
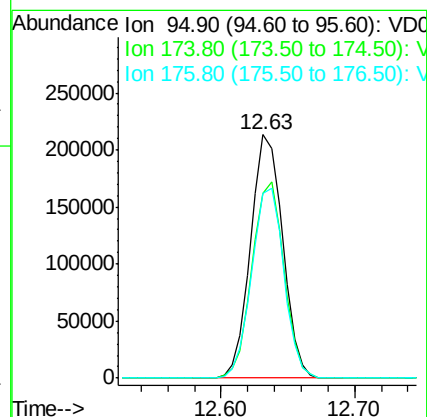
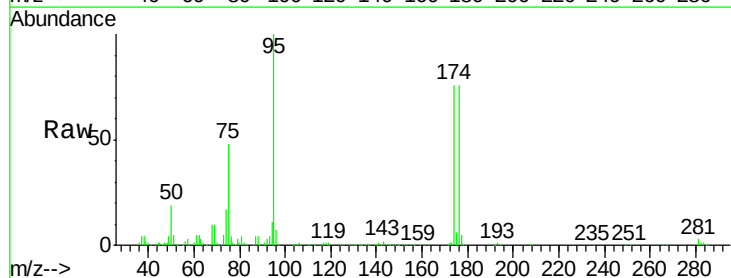
Tgt Ion: 95 Resp: 353697

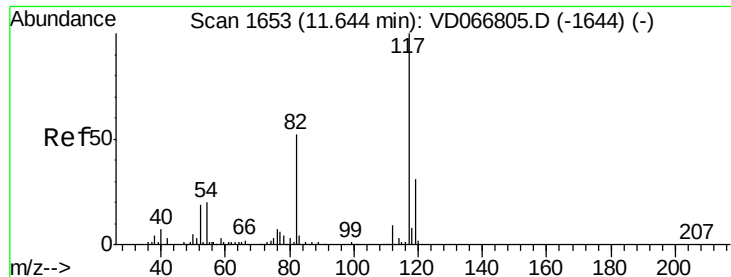
Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.8

176 78.5 0.0 154.4

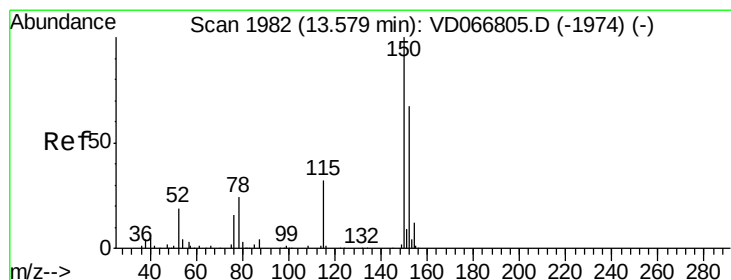
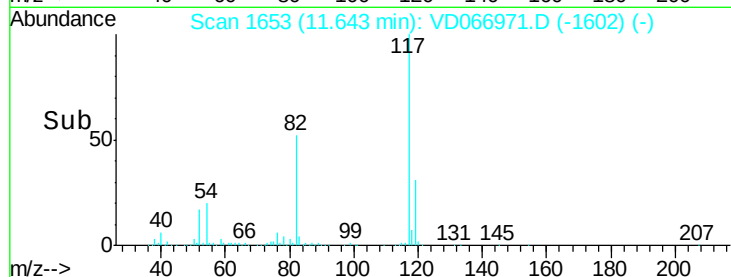
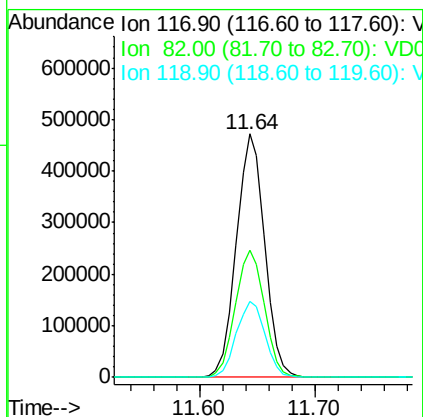
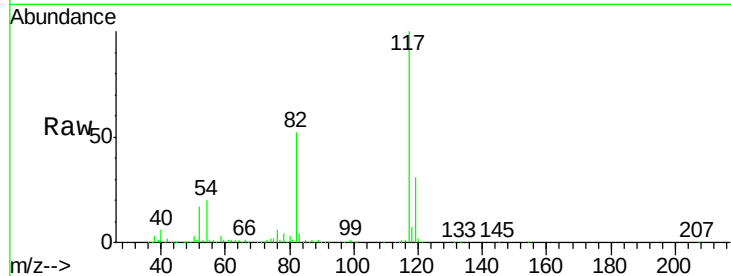




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

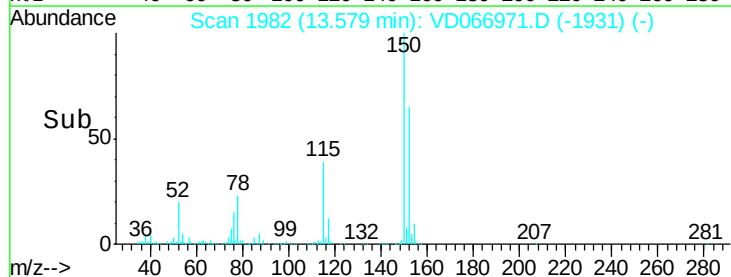
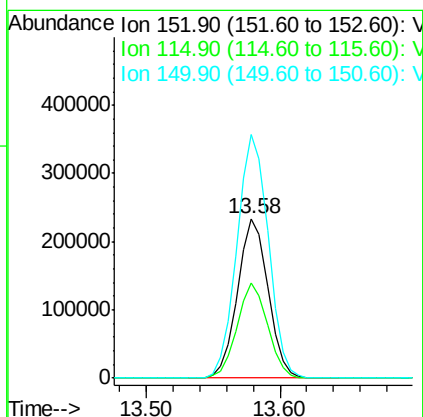
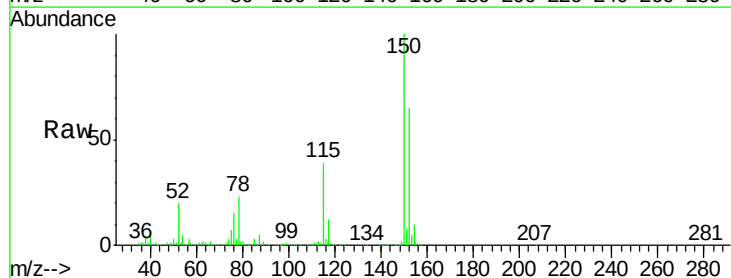
Instrument :
MSVOA_D
ClientSampleId :
B-11(9-11)

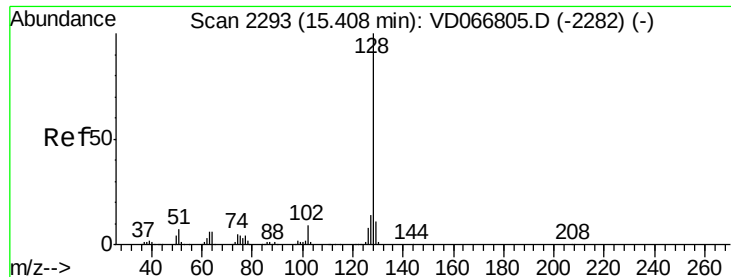
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.6
119	31.1	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.3	91.0
150	156.7	0.0	346.2





#95

Naphthalene

Concen: 18.669 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066971.D

Acq: 30 Sep 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

B-11(9-11)

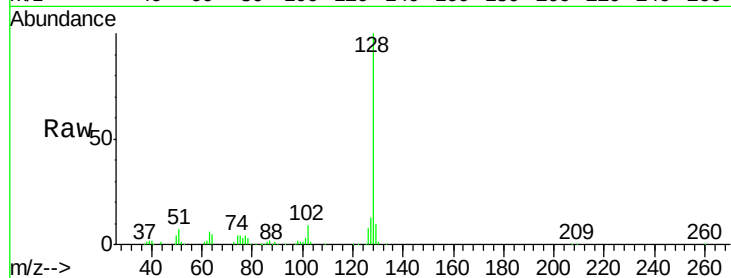
Tot Ion:128 Resp: 211053

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.7 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

