

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066976.D
 Acq On : 30 Sep 2020 16:20
 Operator : VA/SY
 Sample : L4193-04
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 01 01:23:46 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

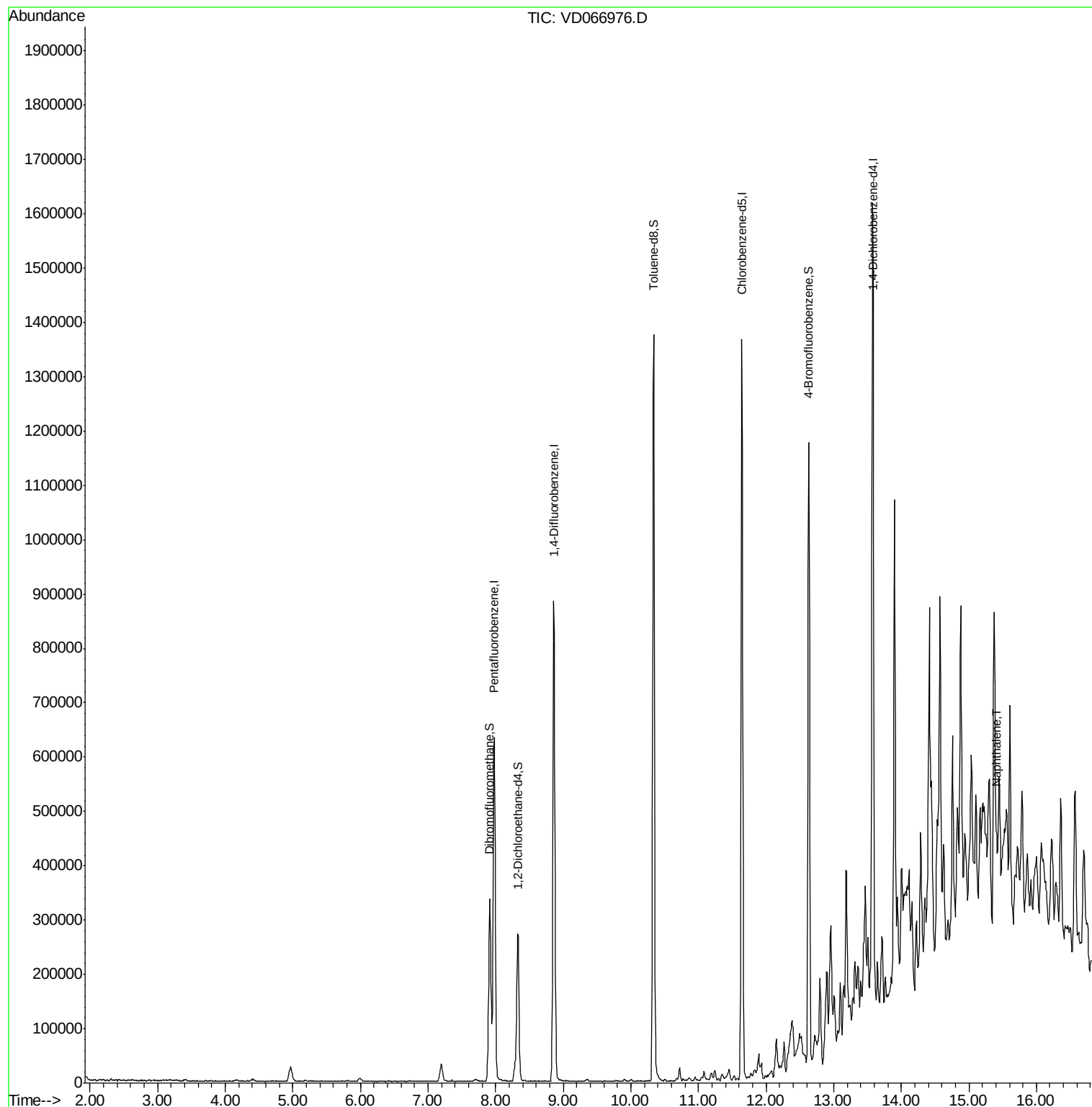
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	472176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	788124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	804830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	405945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	216190	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
35) Dibromofluoromethane	7.91	113	243564	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.34	98	947800	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
62) 4-Bromofluorobenzene	12.63	95	379539	64.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.80%	
Target Compounds						
95) Naphthalene	15.41	128	90916	7.338	ug/l	Qvalue 97

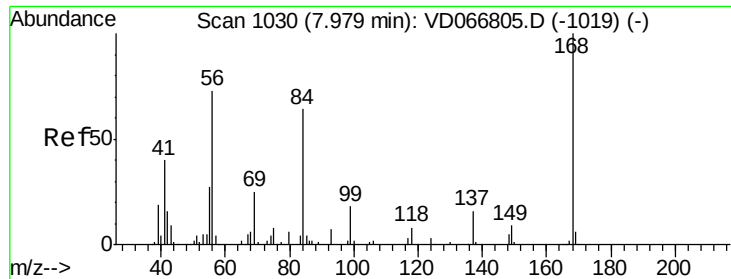
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066976.D

Acq: 30 Sep 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

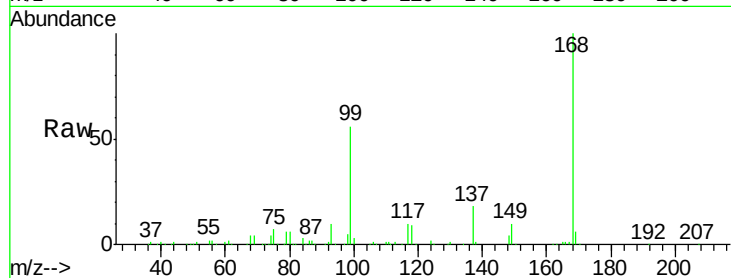
B-13(11-13)

Tot Ion:168 Resp: 472176

Ion Ratio Lower Upper

168 100

99 55.8 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

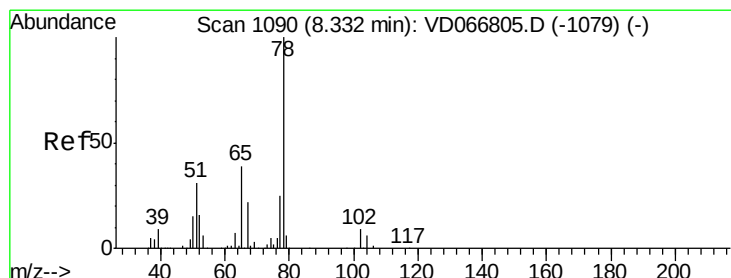
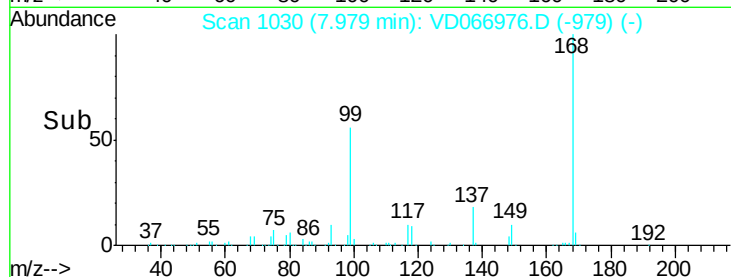
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.780 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066976.D

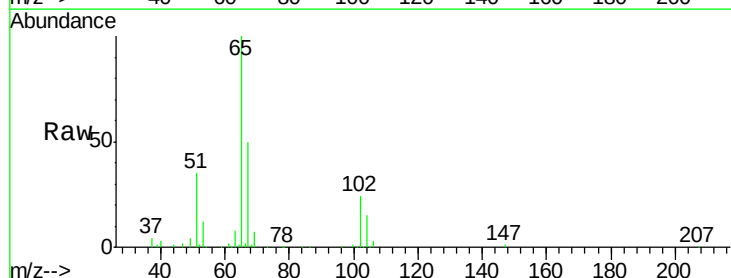
Acq: 30 Sep 2020 16:20

Tgt Ion: 65 Resp: 216190

Ion Ratio Lower Upper

65 100

67 51.6 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

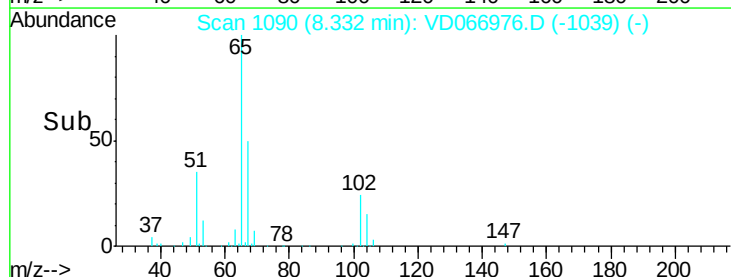
60000

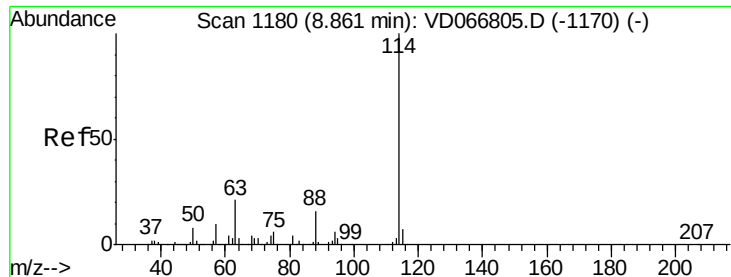
40000

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: VD066976.D

Acq: 30 Sep 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

B-13(11-13)

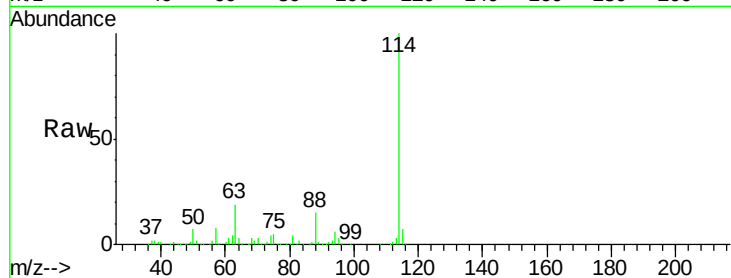
Tot Ion:114 Resp: 788124

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

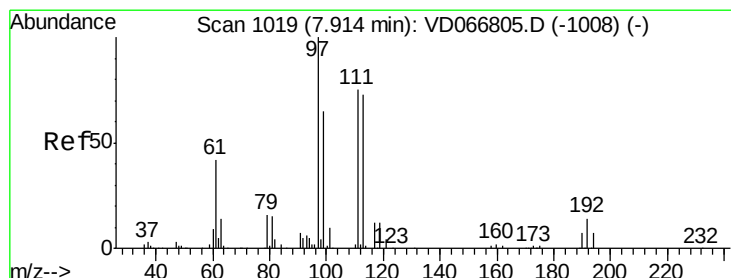
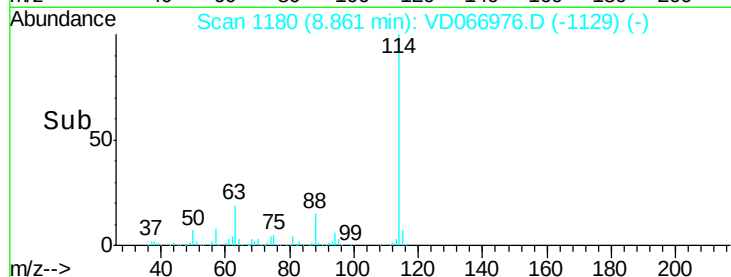
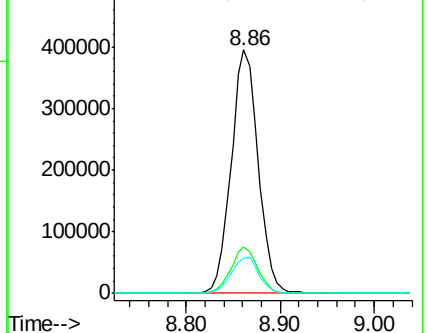
88 14.5 0.0 32.6



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: 48.576 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066976.D

Acq: 30 Sep 2020 16:20

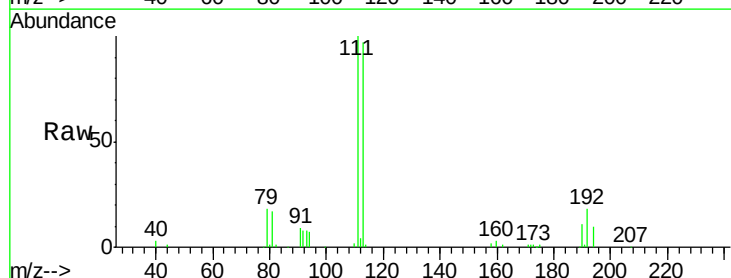
Tgt Ion:113 Resp: 243564

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

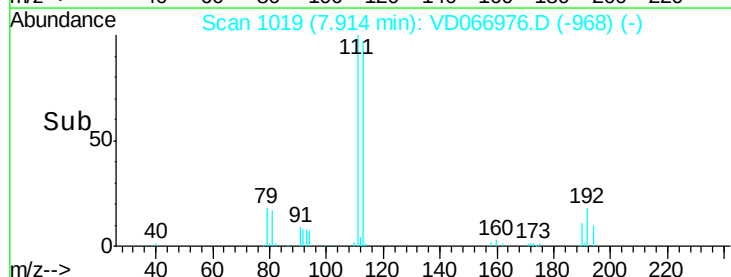
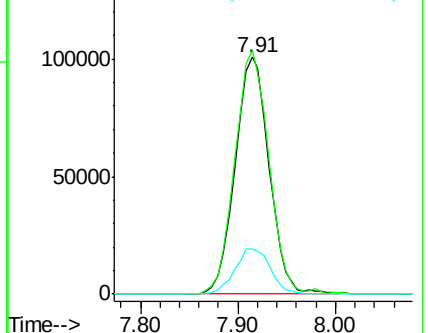
192 20.0 14.4 21.6

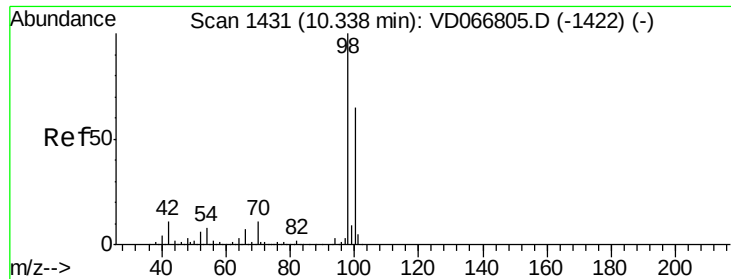


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

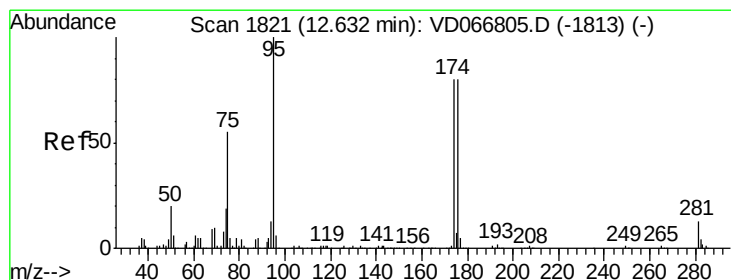
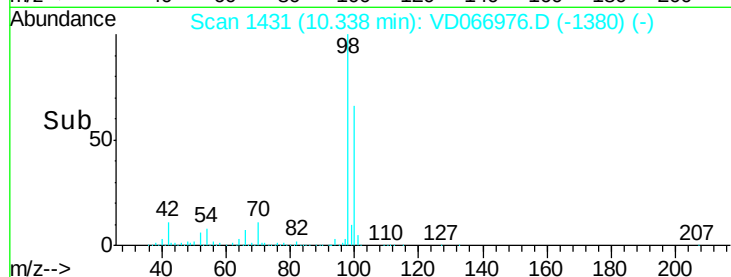
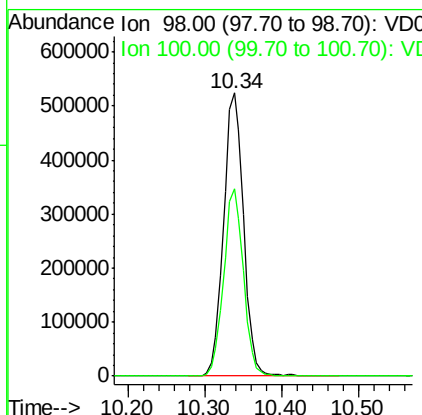
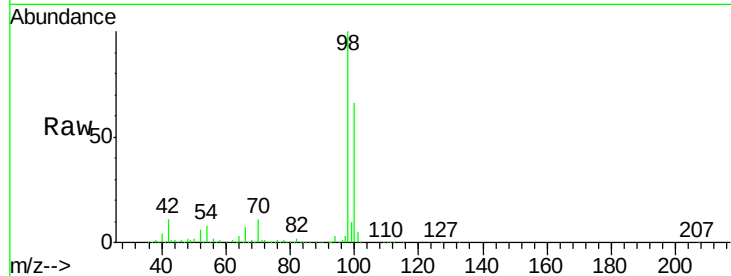




#50
Toluene-d8
Concen: 55.480 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066976.D
Acq: 30 Sep 2020 16:20

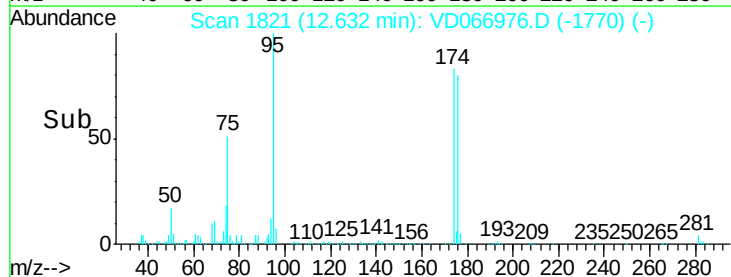
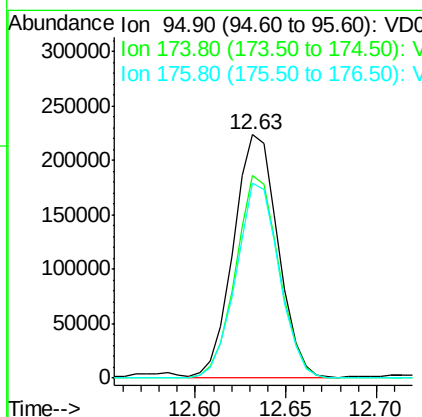
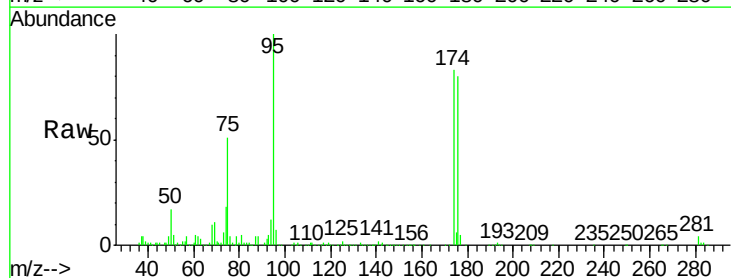
Instrument :
MSVOA_D
ClientSampleId :
B-13(11-13)

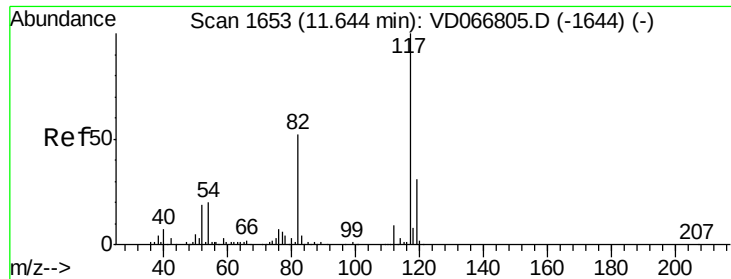
Tot Ion: 98 Resp: 947800
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 64.897 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066976.D
Acq: 30 Sep 2020 16:20

Tgt Ion: 95 Resp: 379539
Ion Ratio Lower Upper
95 100
174 81.4 0.0 159.8
176 78.0 0.0 154.4

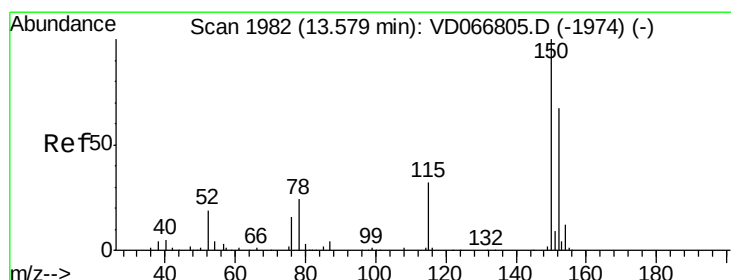
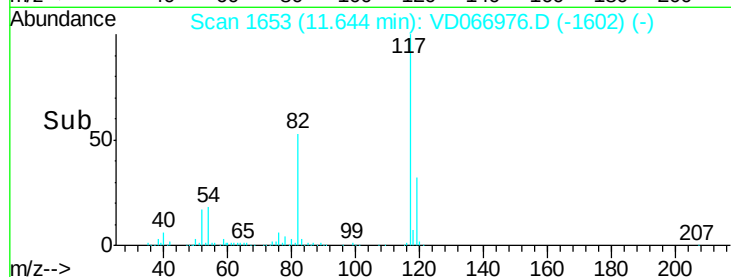
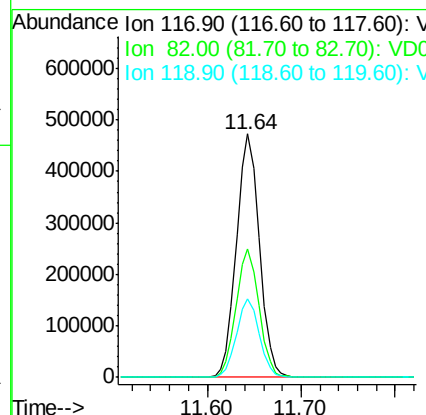
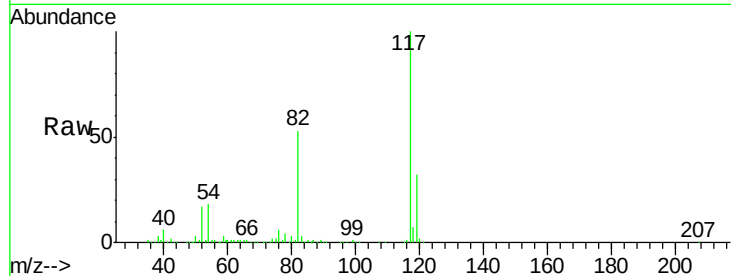




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066976.D
Acq: 30 Sep 2020 16:20

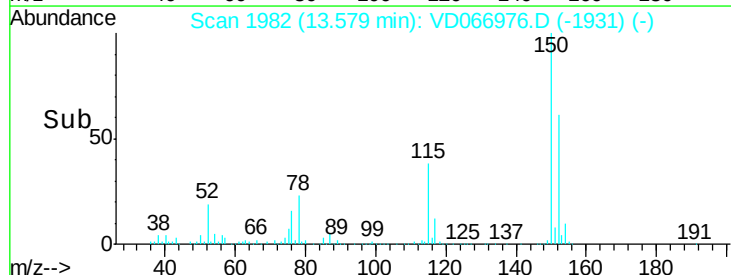
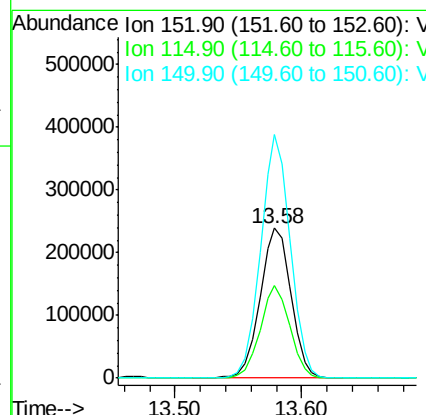
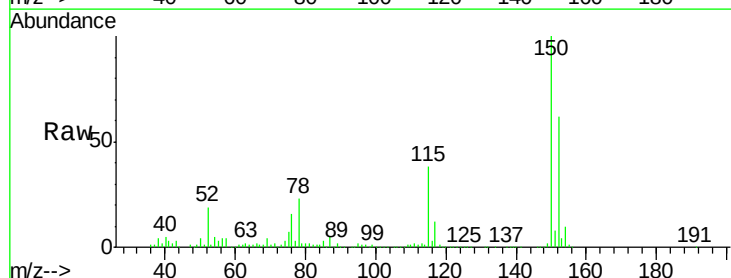
Instrument :
MSVOA_D
ClientSampleId :
B-13(11-13)

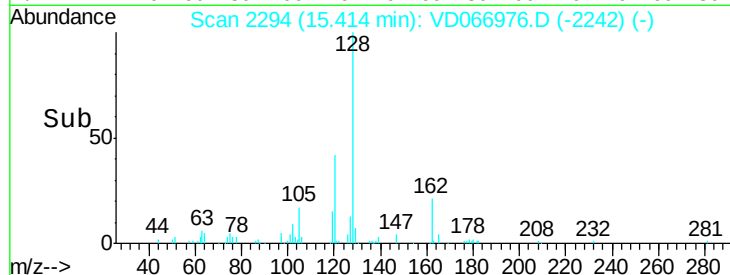
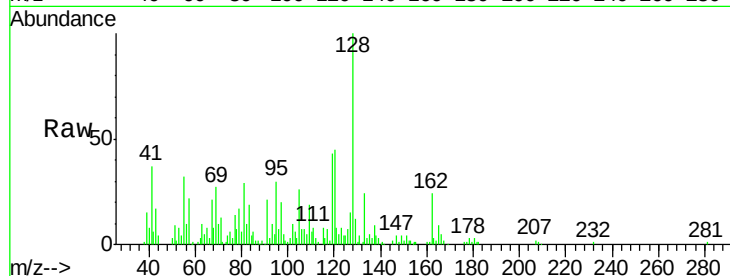
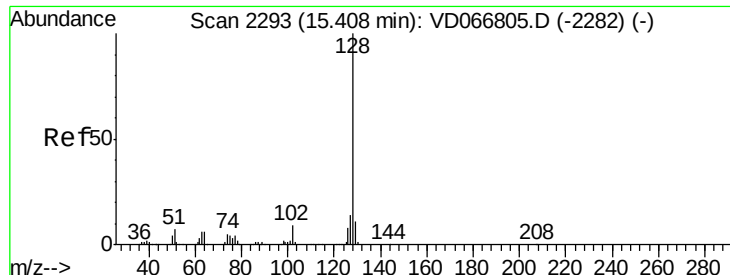
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.6
119	32.0	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066976.D
Acq: 30 Sep 2020 16:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.3	91.0
150	155.2	0.0	346.2





#95

Naphthalene

Concen: 7.338 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066976.D

Acq: 30 Sep 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

B-13(11-13)

Tot Ion:128 Resp: 90916

Ion Ratio Lower Upper

128 100

127 15.4 10.6 16.0

129 10.7 8.9 13.3

