

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072720\
 Data File : VD066069.D
 Acq On : 27 Jul 2020 16:14
 Operator : VA/SY
 Sample : L3436-22
 Misc : 7.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 22

Quant Time: Jul 27 18:06:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

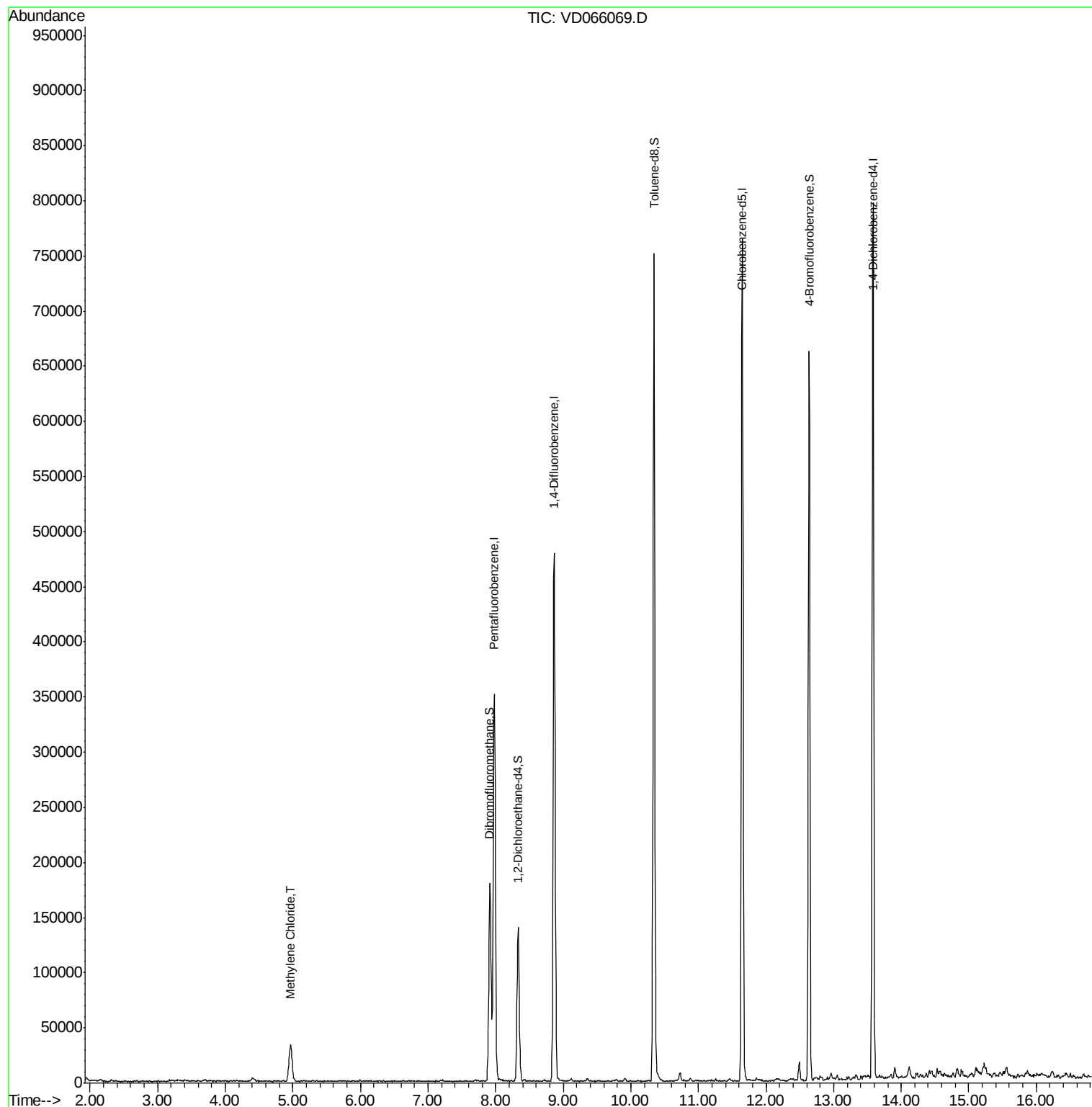
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	282964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	422593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	447604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	228439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	110456	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	7.92	113	129172	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.34	98	519723	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.64	95	205593	62.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.20%	
Target Compounds						
20) Methylene Chloride	4.96	84	25983	7.566	ug/l	Qvalue 96

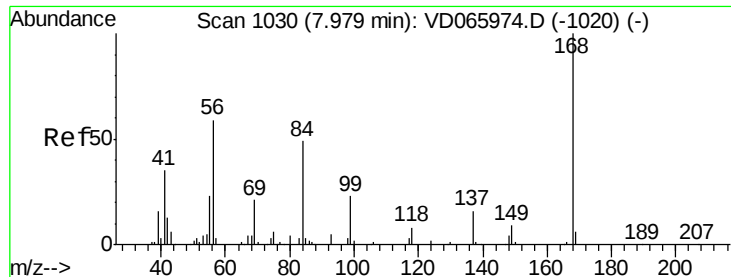
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066069.D

Acq: 27 Jul 2020 16:14

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MSVOA_D

ClientSampleId :

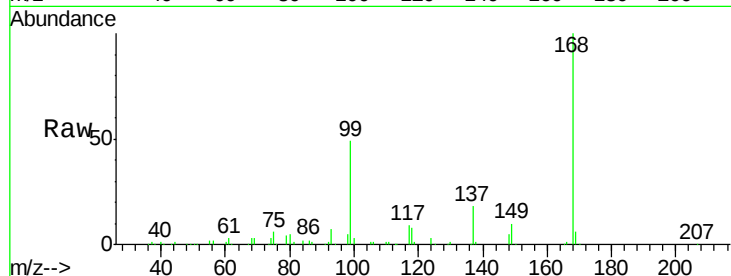
22

Tot Ion:168 Resp: 282964

Ion Ratio Lower Upper

168 100

99 49.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

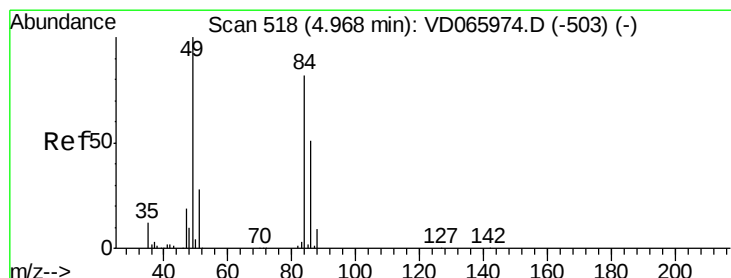
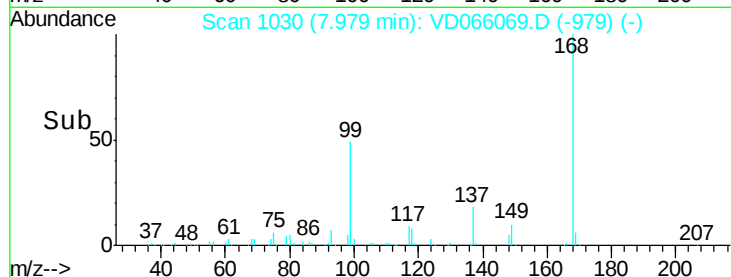
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.566 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066069.D

Acq: 27 Jul 2020 16:14

Tgt Ion: 84 Resp: 25983

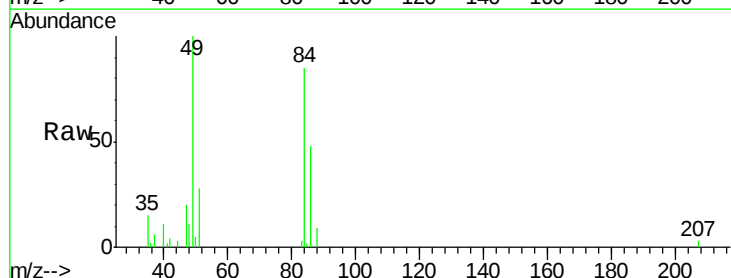
Ion Ratio Lower Upper

84 100

49 118.1 97.7 146.5

51 33.3 27.4 41.2

86 57.2 49.4 74.2



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

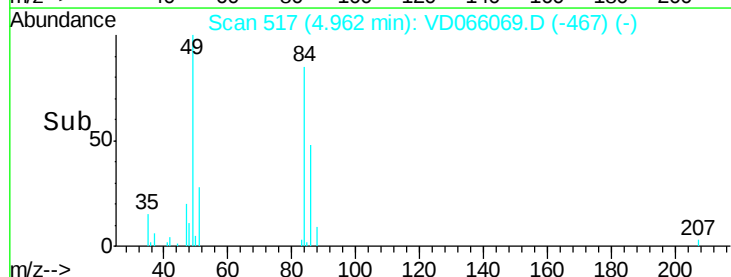
15000

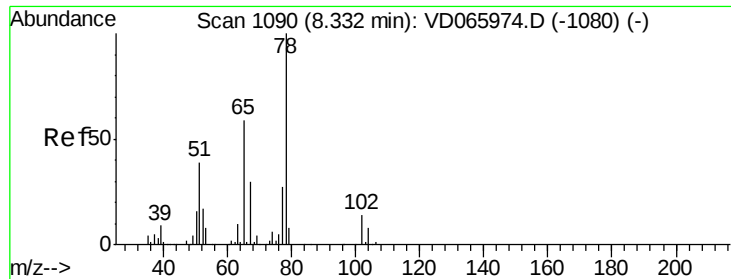
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.973 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066069.D

Acq: 27 Jul 2020 16:14

Instrument :

MSVOA_D

ClientSampleId :

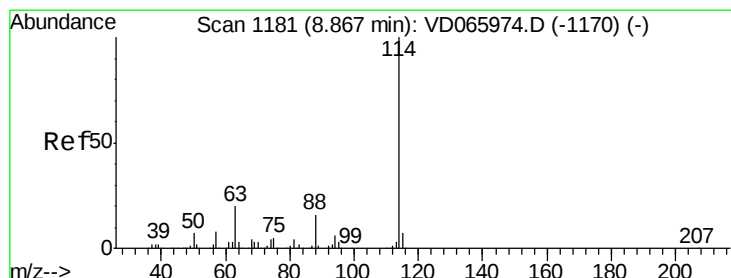
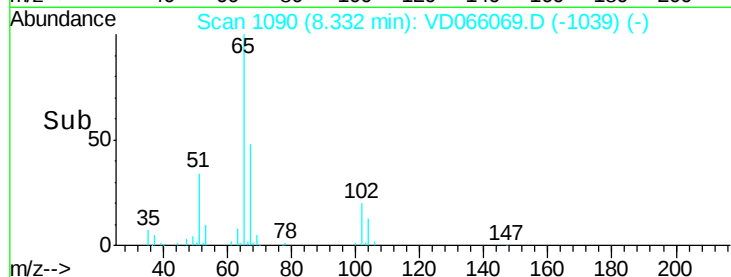
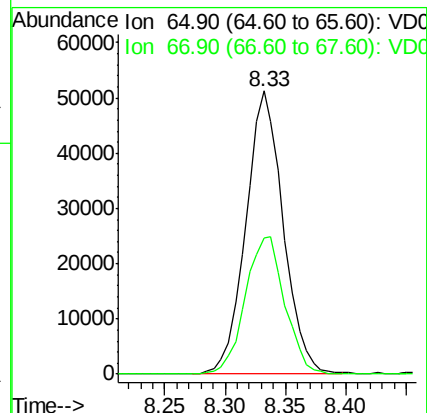
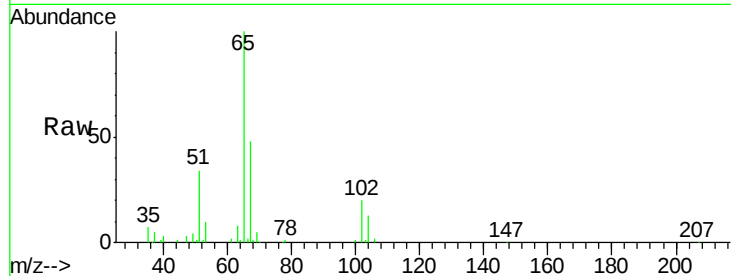
22

Tot Ion: 65 Resp: 110456

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066069.D

Acq: 27 Jul 2020 16:14

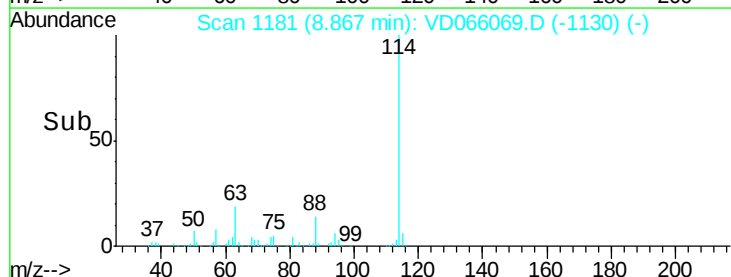
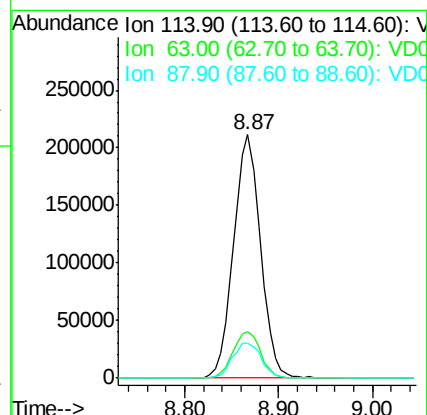
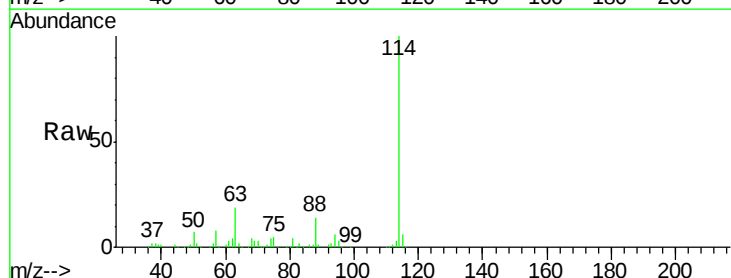
Tgt Ion: 114 Resp: 422593

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 14.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.396 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD066069.D

Acq: 27 Jul 2020 16:14

Instrument :
MSVOA_D
ClientSampleId :
22

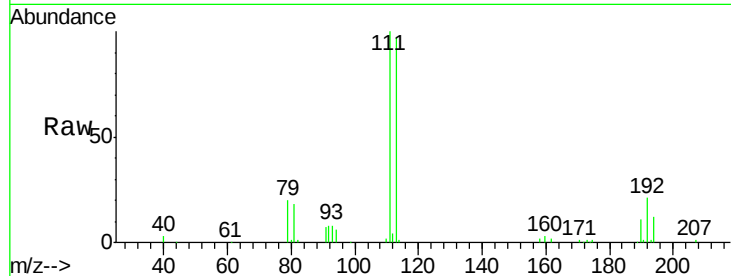
Tot Ion:113 Resp: 129172

Ion Ratio Lower Upper

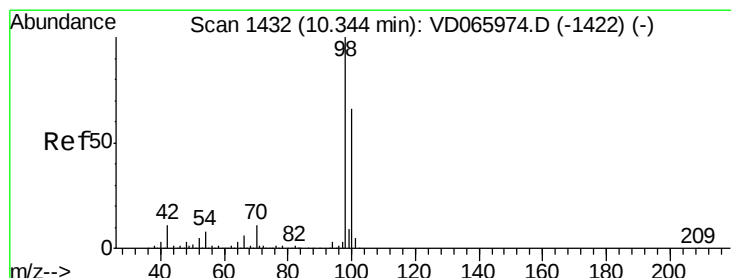
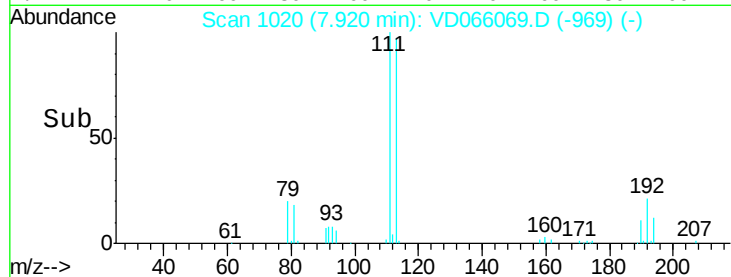
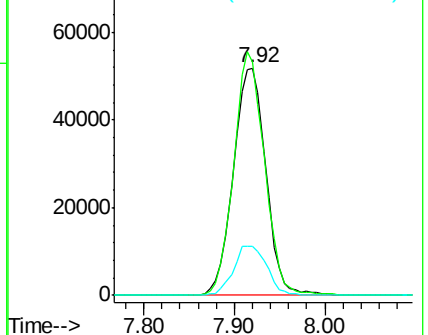
113 100

111 101.7 83.2 124.8

192 22.3 18.7 28.1



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: 54.430 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066069.D

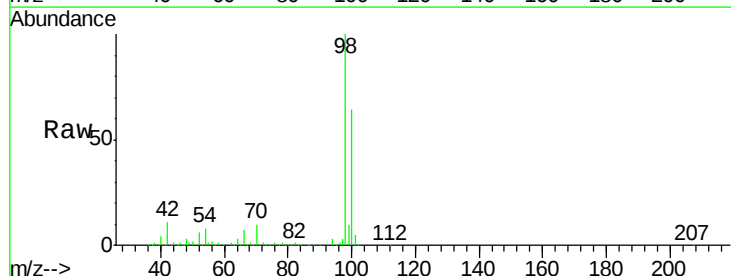
Acq: 27 Jul 2020 16:14

Tgt Ion: 98 Resp: 519723

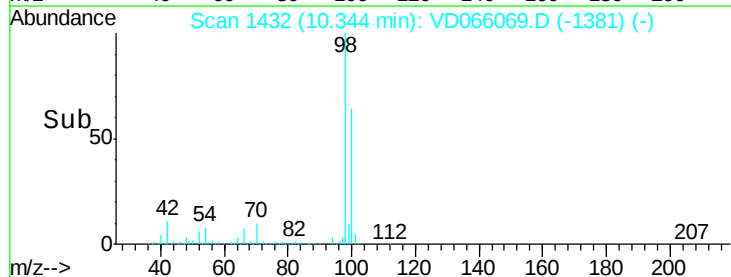
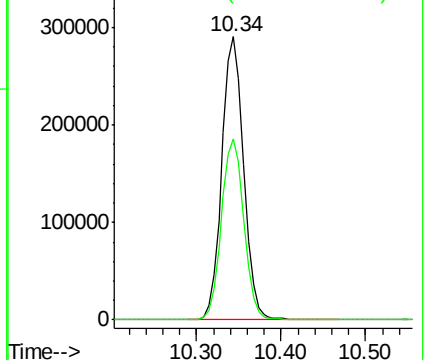
Ion Ratio Lower Upper

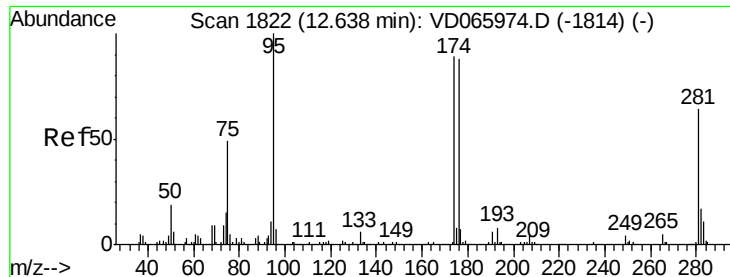
98 100

100 65.8 52.7 79.1



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

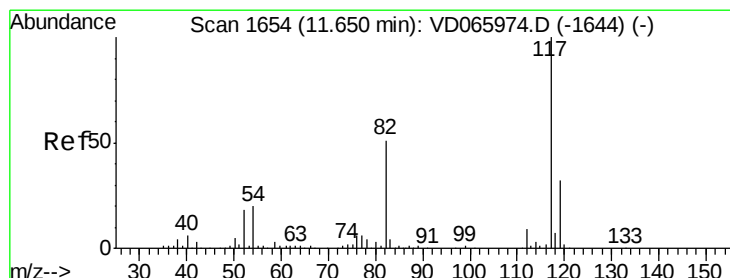
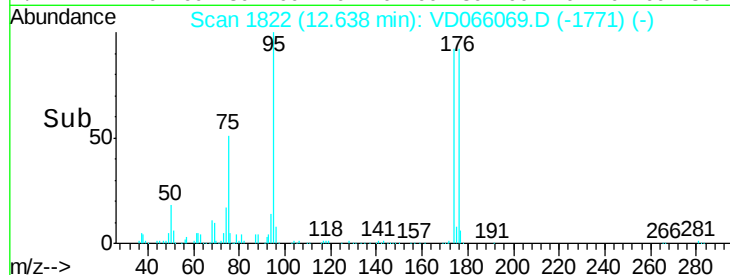
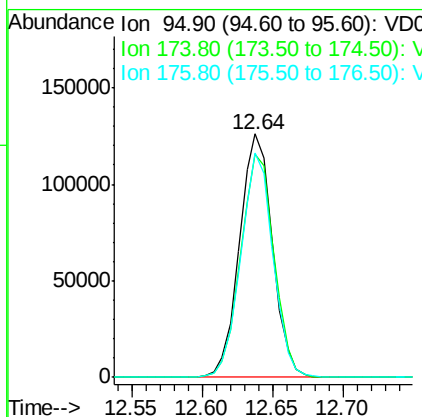
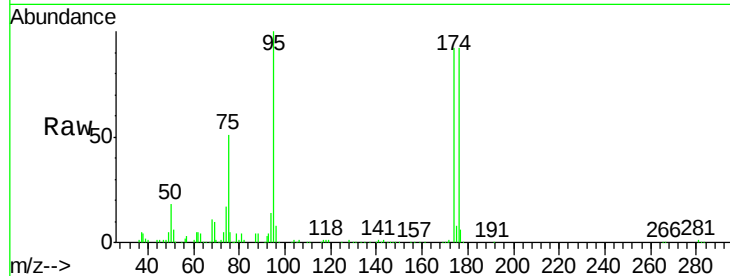




#62
4-Bromofluorobenzene
Concen: 62.098 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066069.D
Acq: 27 Jul 2020 16:14

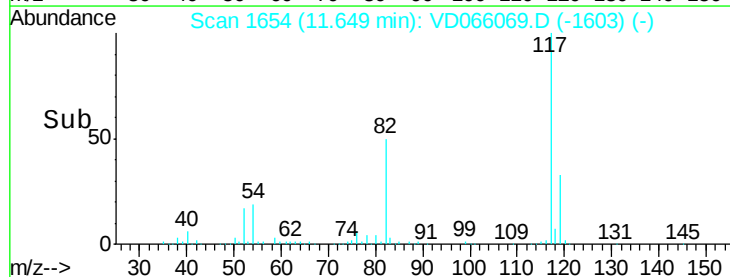
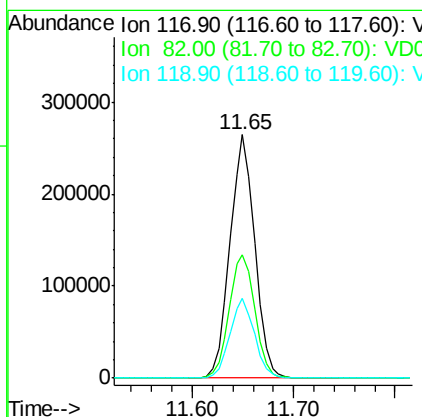
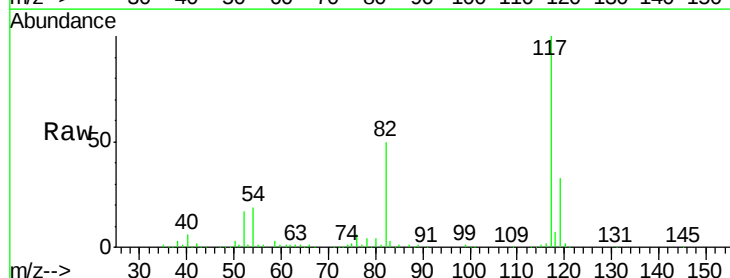
Instrument :
MSVOA_D
ClientSampleId :
22

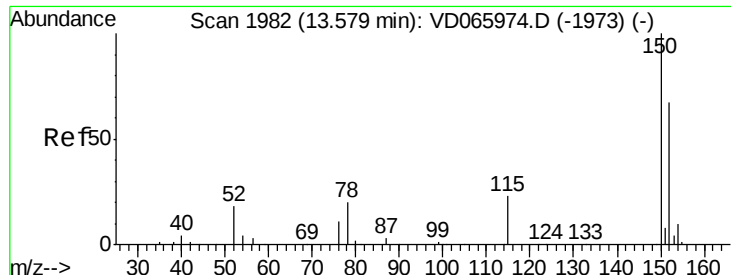
Tot Ion: 95 Resp: 205593
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.8
176 90.4 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066069.D
Acq: 27 Jul 2020 16:14

Tgt Ion: 117 Resp: 447604
Ion Ratio Lower Upper
117 100
82 50.5 41.1 61.7
119 32.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VD066069.D
 Acq: 27 Jul 2020 16:14

Instrument :
 MSVOA_D
 ClientSampleId :
 22

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.9	83.7
150	156.0	0.0	348.2

