

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066049.D
 Acq On : 24 Jul 2020 16:06
 Operator : VA/SY
 Sample : L3414-02
 Misc : 7.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 61820

Quant Time: Jul 25 00:38:16 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

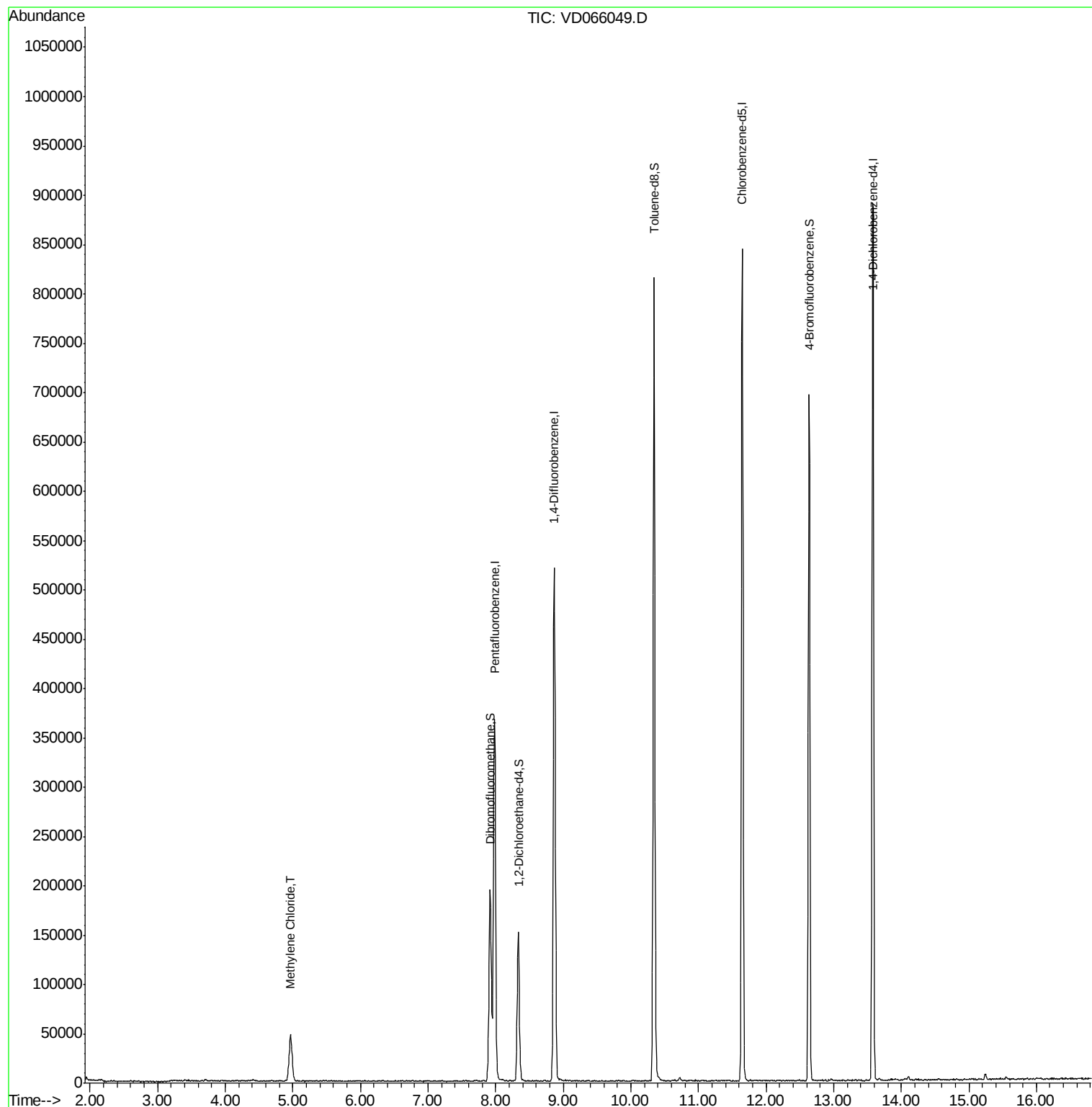
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	297062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	461302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	496659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	257688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	121457	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	7.91	113	139680	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.34	98	555400	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.64	95	218389	60.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.86%	
Target Compounds						
20) Methylene Chloride	4.97	84	35827	10.926	ug/l	Qvalue 97

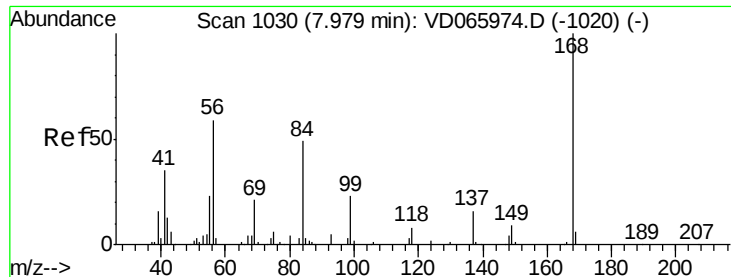
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066049.D

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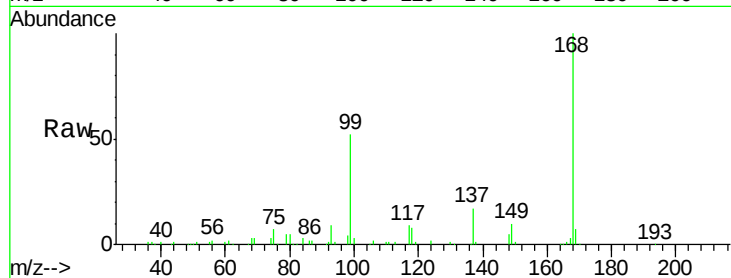
61820

Tot Ion:168 Resp: 297062

Ion Ratio Lower Upper

168 100

99 52.2 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

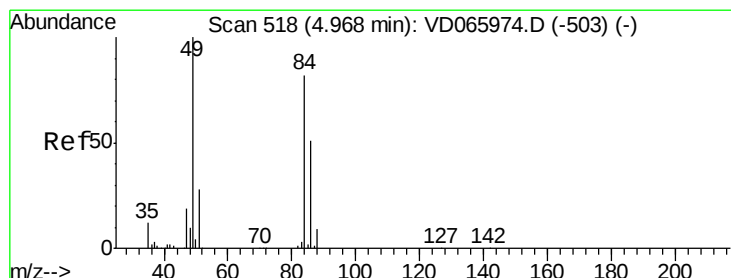
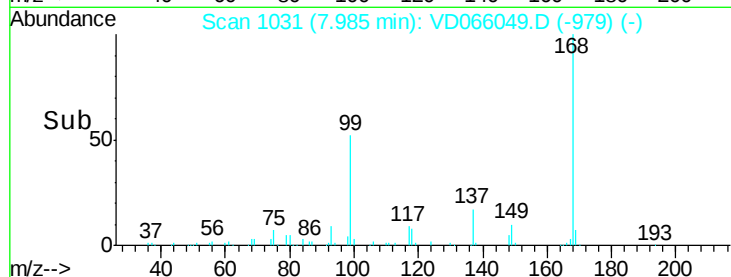
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.926 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066049.D

Acq: 24 Jul 2020 16:06

Tgt Ion: 84 Resp: 35827

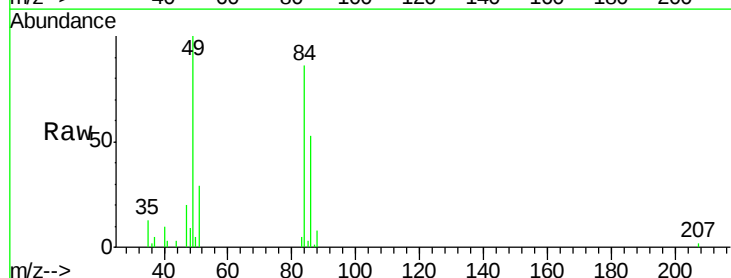
Ion Ratio Lower Upper

84 100

49 116.9 97.7 146.5

51 33.6 27.4 41.2

86 61.4 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

20000

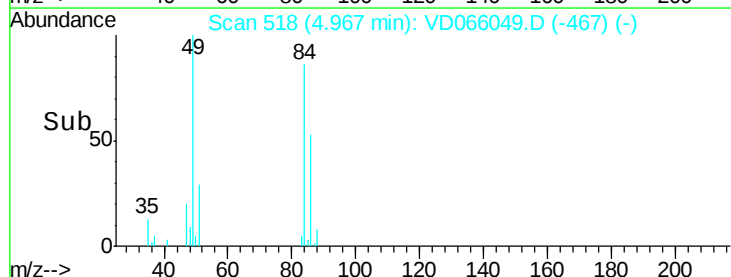
15000

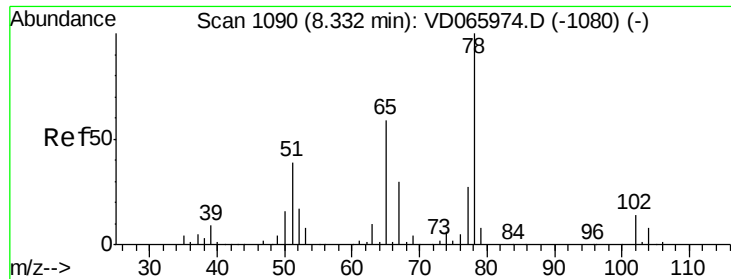
10000

5000

0

Time-->

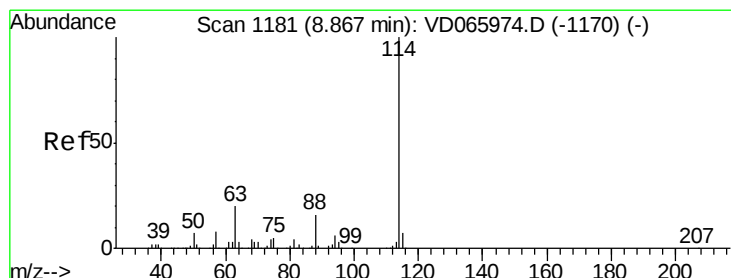
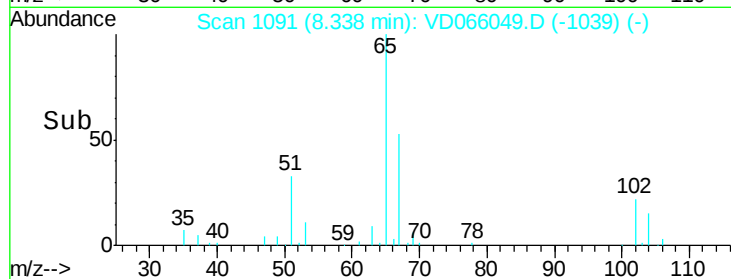
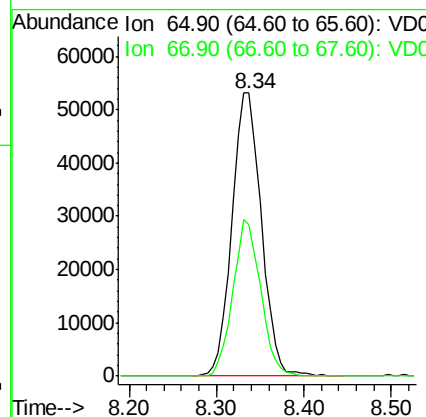
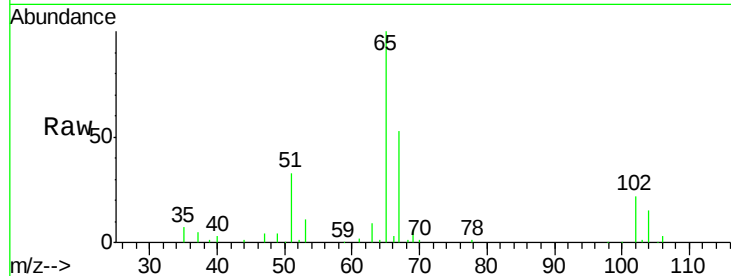




#33
 1,2-Dichloroethane-d4
 Concen: 50.248 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD066049.D
 Acq: 24 Jul 2020 16:06

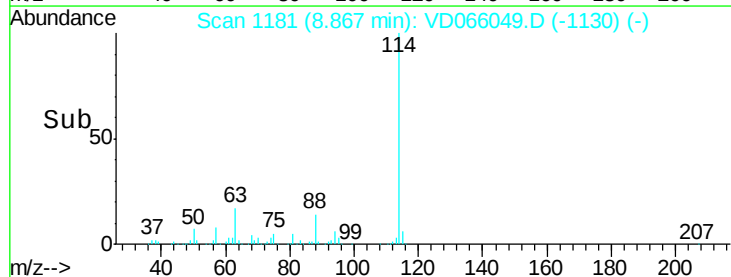
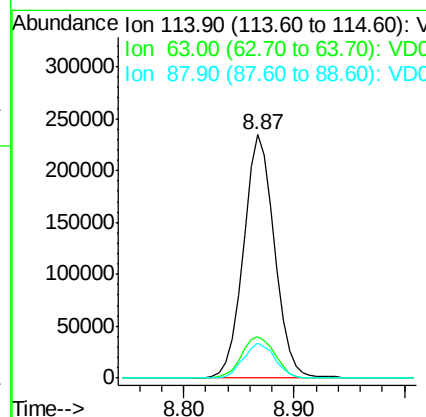
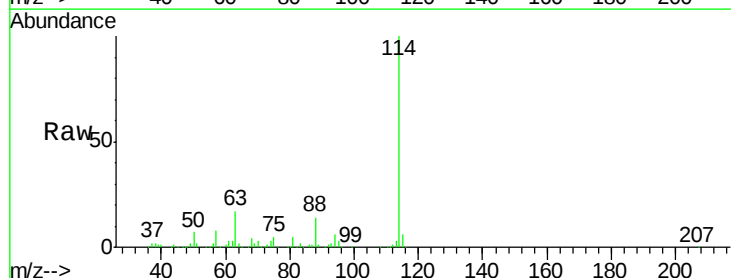
Instrument :
 MSVOA_D
 ClientSampleId :
 61820

Tot Ion: 65 Resp: 121457
 Ion Ratio Lower Upper
 65 100
 67 52.1 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: VD066049.D
 Acq: 24 Jul 2020 16:06

Tgt Ion: 114 Resp: 461302
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 39.6
 88 14.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.922 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066049.D

Acq: 24 Jul 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

61820

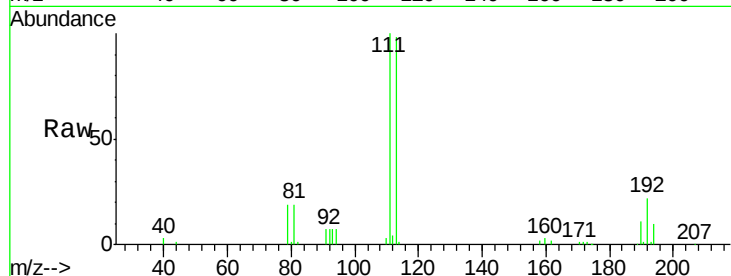
Tot Ion:113 Resp: 139680

Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

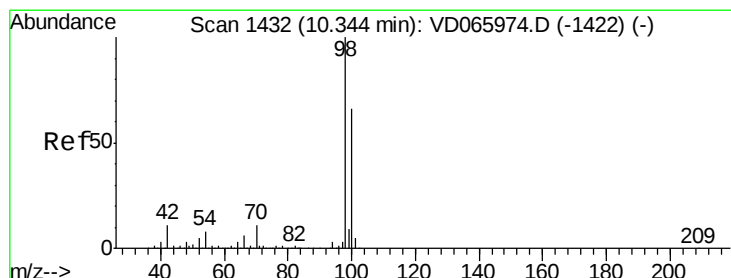
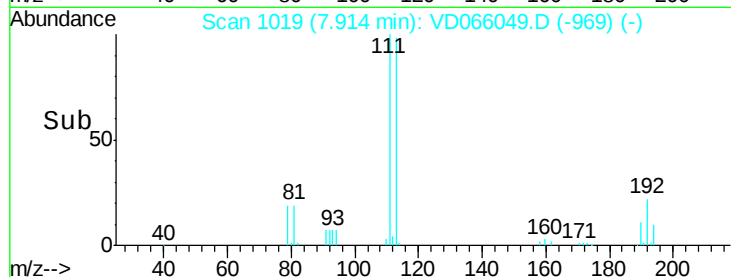
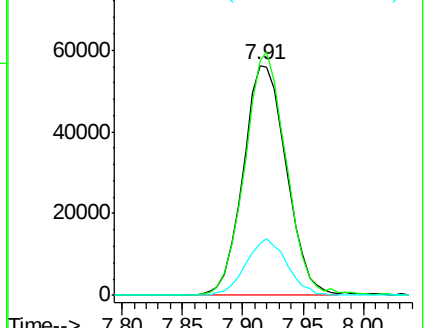
192 23.6 18.7 28.1



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: 53.286 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066049.D

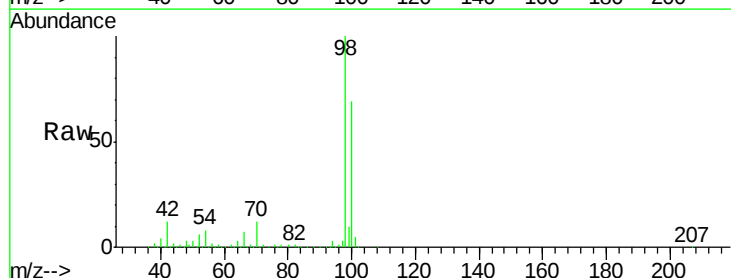
Acq: 24 Jul 2020 16:06

Tgt Ion: 98 Resp: 555400

Ion Ratio Lower Upper

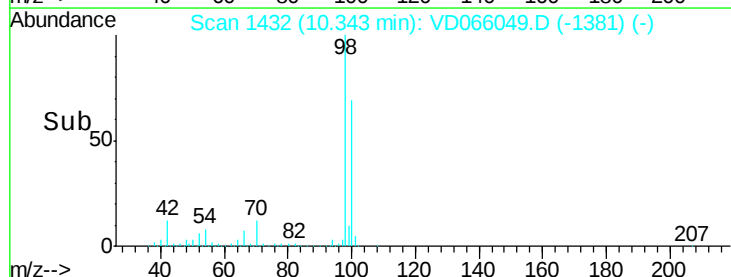
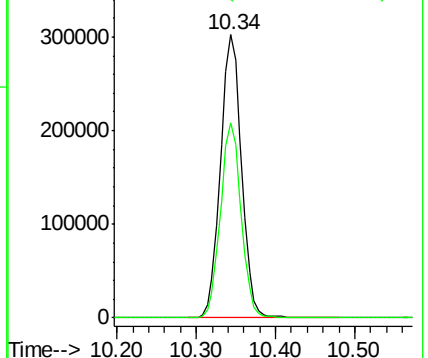
98 100

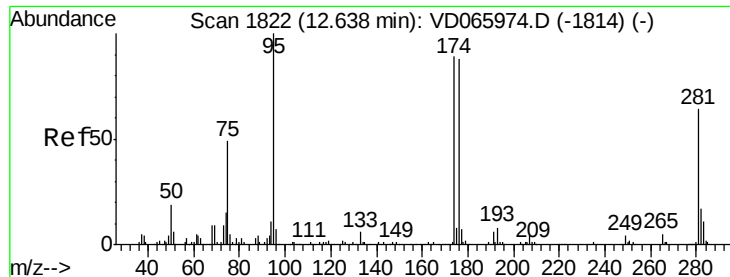
100 67.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

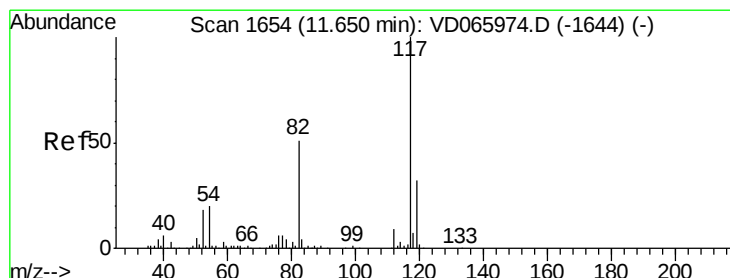
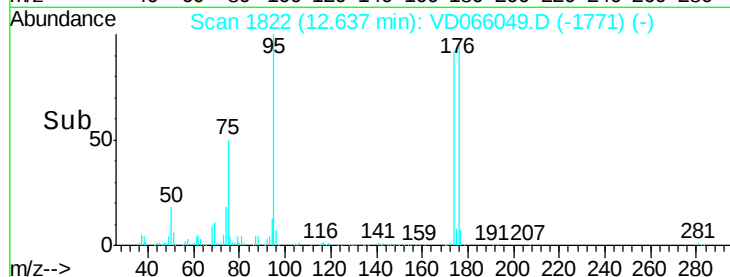
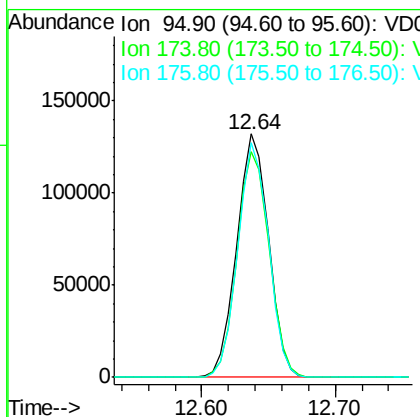
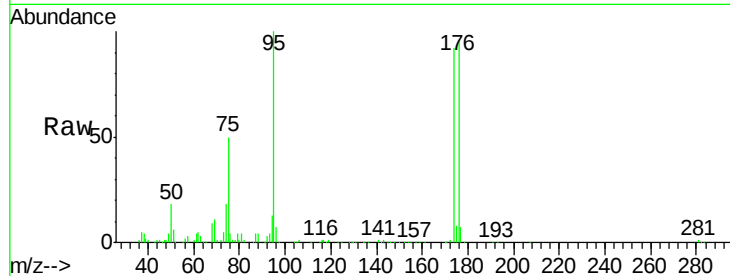




#62
4-Bromofluorobenzene
Concen: 60.427 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066049.D
Acq: 24 Jul 2020 16:06

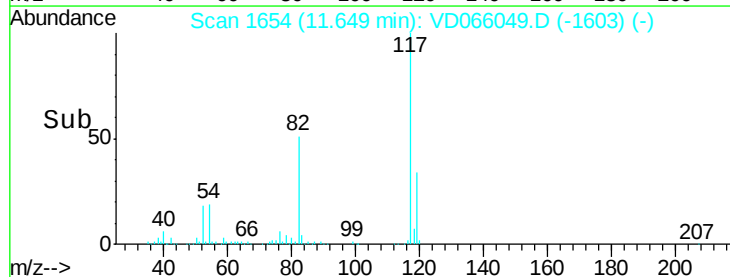
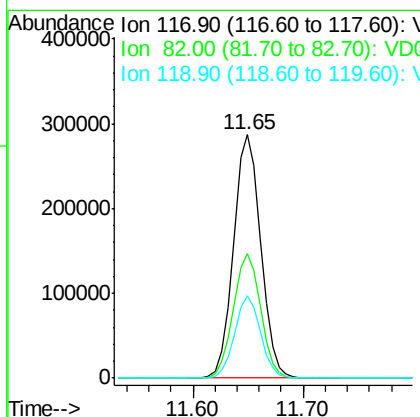
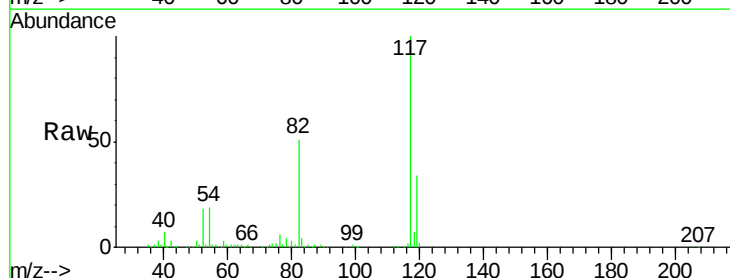
Instrument :
MSVOA_D
ClientSampleId :
61820

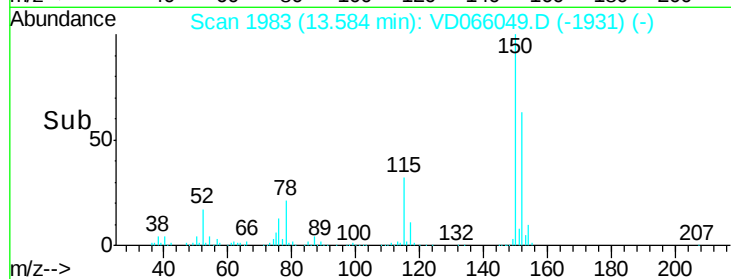
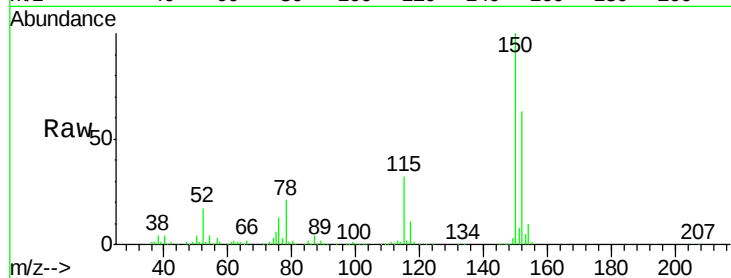
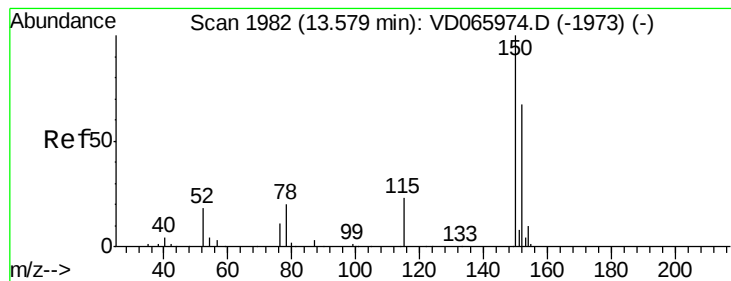
Tot Ion: 95 Resp: 218389
Ion Ratio Lower Upper
95 100
174 93.4 0.0 178.8
176 93.1 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066049.D
Acq: 24 Jul 2020 16:06

Tgt Ion: 117 Resp: 496659
Ion Ratio Lower Upper
117 100
82 51.2 41.1 61.7
119 33.8 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: VD066049.D

Acq: 24 Jul 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

61820

Tot Ion:152 Resp: 257688

Ion Ratio Lower Upper

152 100

115 55.0 27.9 83.7

150 157.5 0.0 348.2

