

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072720\
 Data File : VD066066.D
 Acq On : 27 Jul 2020 14:52
 Operator : VA/SY
 Sample : L3436-19
 Misc : 7.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 19

Quant Time: Jul 27 18:02:59 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

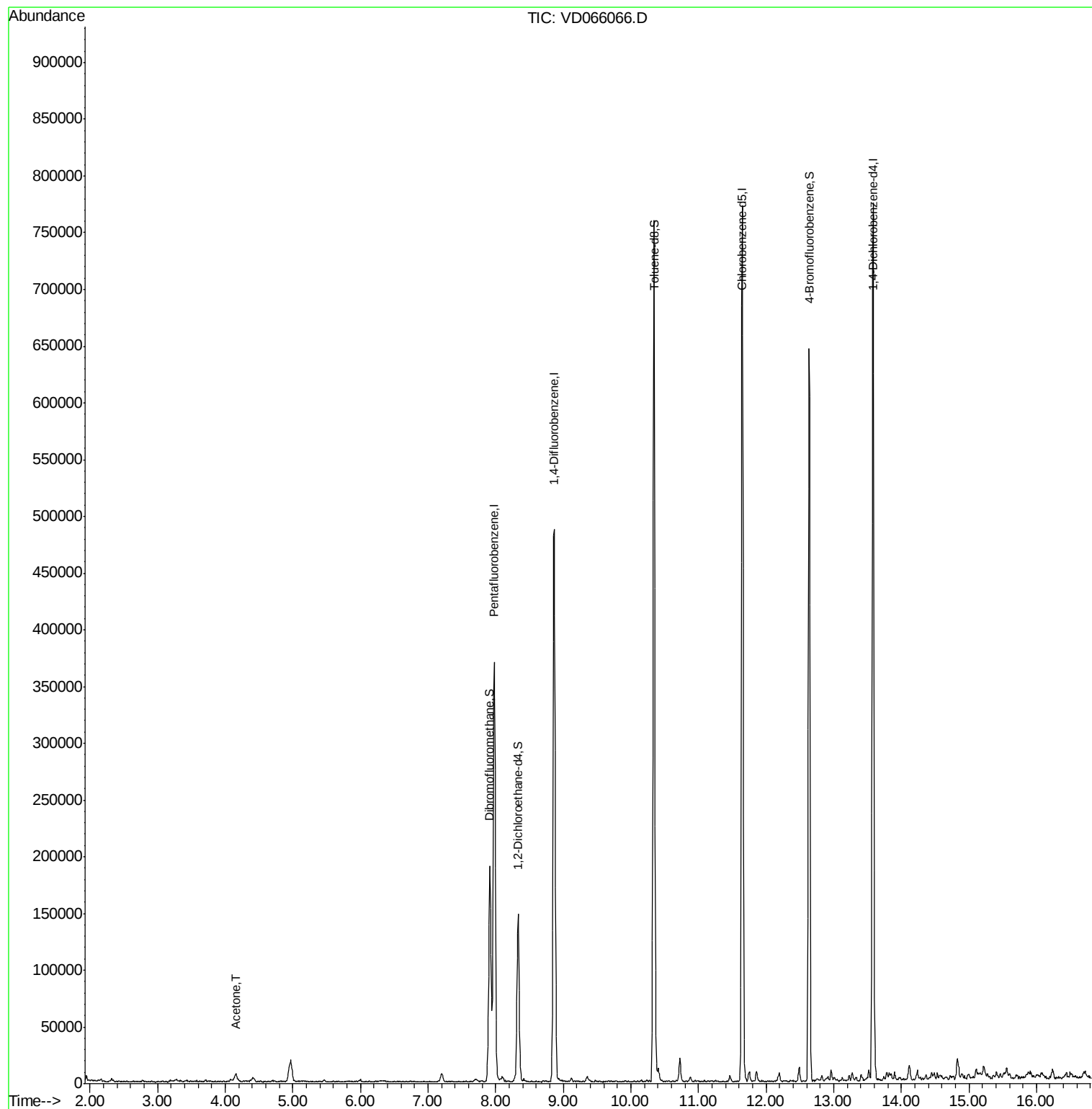
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	299192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	444229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	454258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	116786	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	7.92	113	132443	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.34	98	524975	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.64	95	202276	58.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.24%	
Target Compounds						
16) Acetone	4.16	43	13115	26.614	ug/l	Qvalue 95

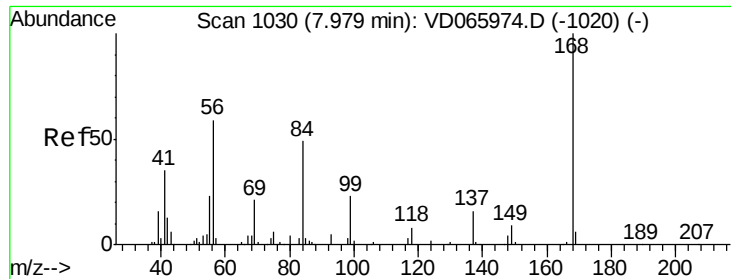
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066066.D

Acq: 27 Jul 2020 14:52

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MSVOA_D

ClientSampleId :

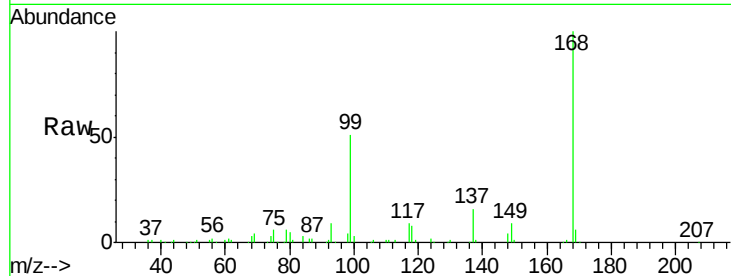
19

Tot Ion:168 Resp: 299192

Ion Ratio Lower Upper

168 100

99 50.9 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

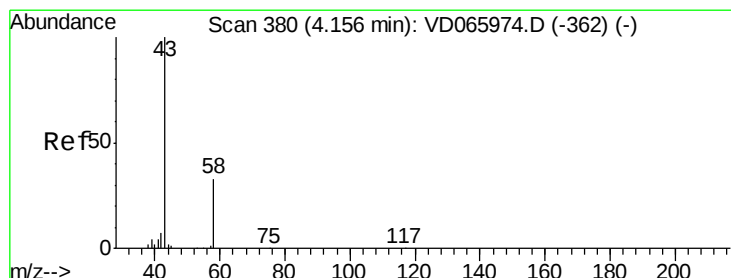
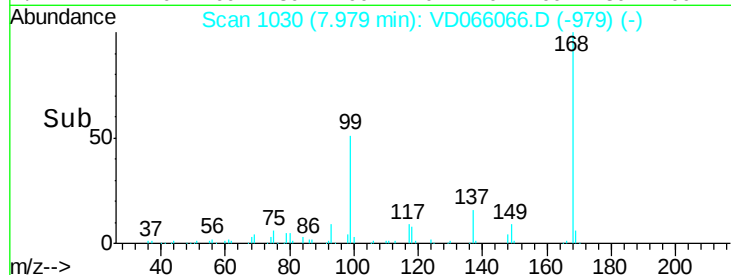
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 26.614 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066066.D

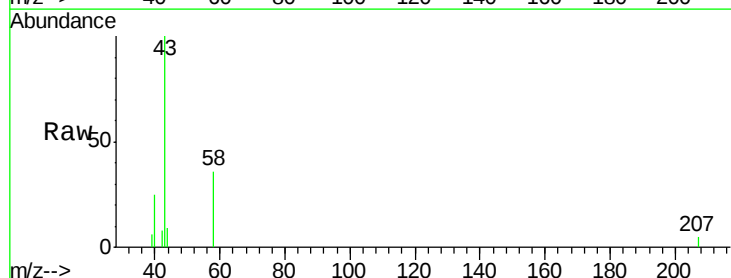
Acq: 27 Jul 2020 14:52

Tgt Ion: 43 Resp: 13115

Ion Ratio Lower Upper

43 100

58 35.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

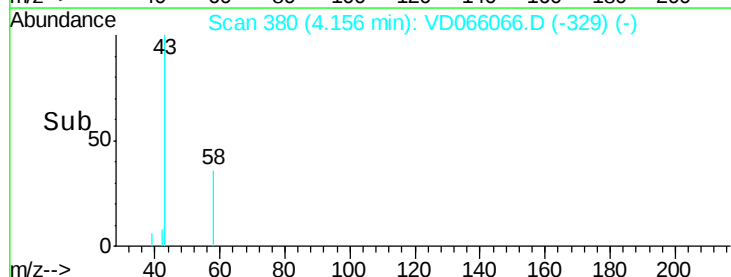
3000

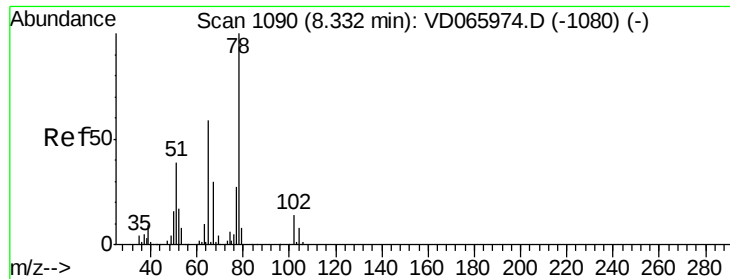
2000

1000

0

Time-->

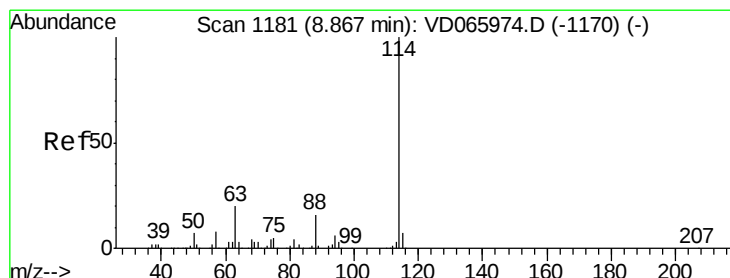
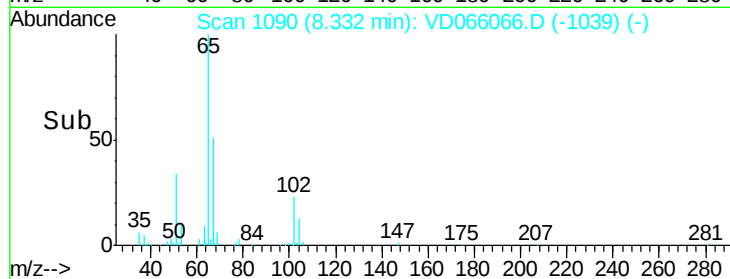
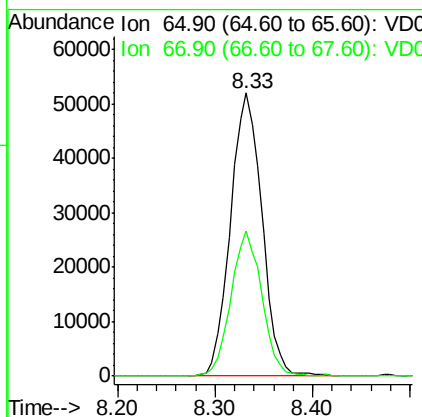
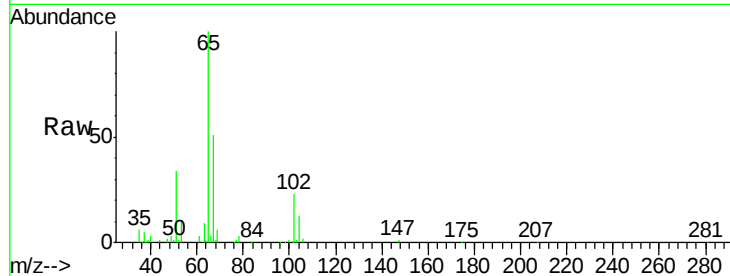




#33
 1,2-Dichloroethane-d4
 Concen: 47.971 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066066.D
 Acq: 27 Jul 2020 14:52

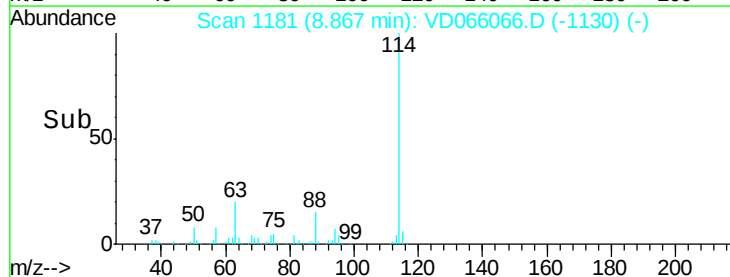
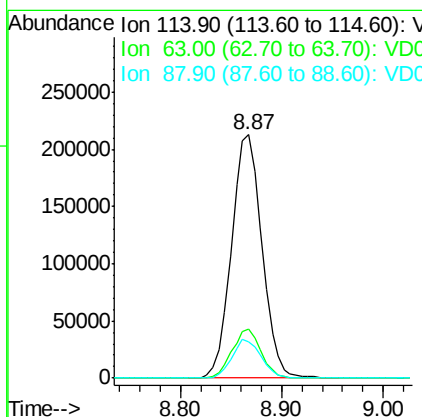
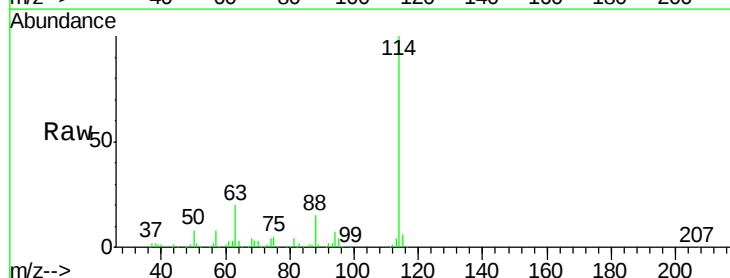
Instrument :
 MSVOA_D
 ClientSampled :
 19

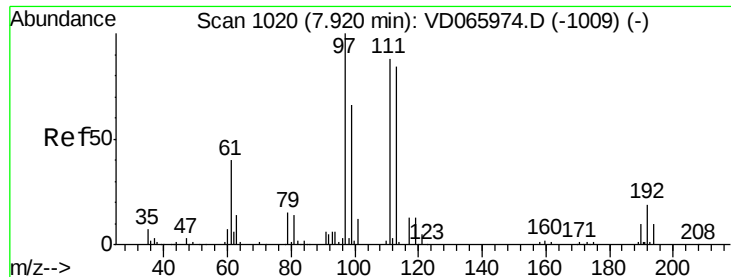
Tot Ion: 65 Resp: 116786
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066066.D
 Acq: 27 Jul 2020 14:52

Tgt Ion: 114 Resp: 444229
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.155 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD066066.D

Acq: 27 Jul 2020 14:52

Instrument :
MSVOA_D
ClientSampleId :
19

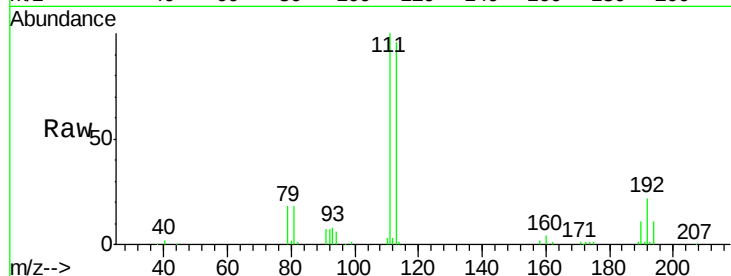
Tot Ion:113 Resp: 132443

Ion Ratio Lower Upper

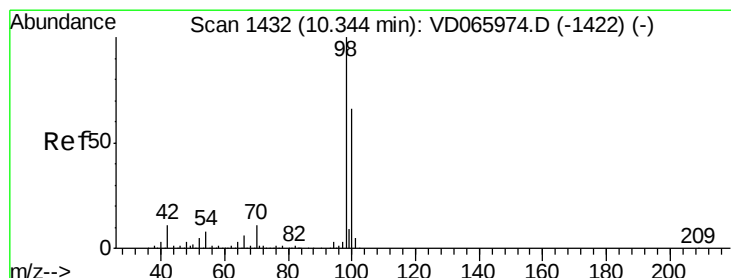
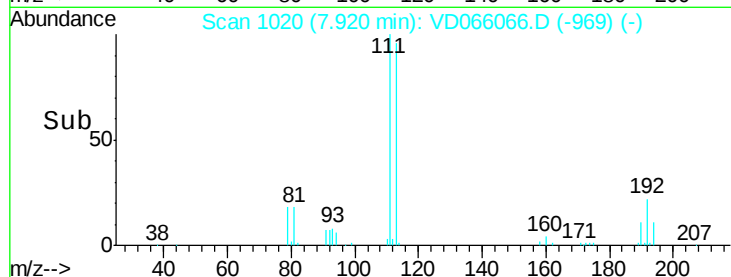
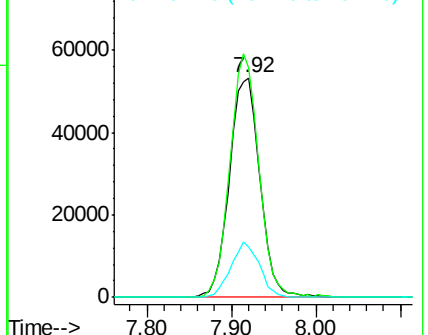
113 100

111 104.8 83.2 124.8

192 23.7 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: 52.302 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066066.D

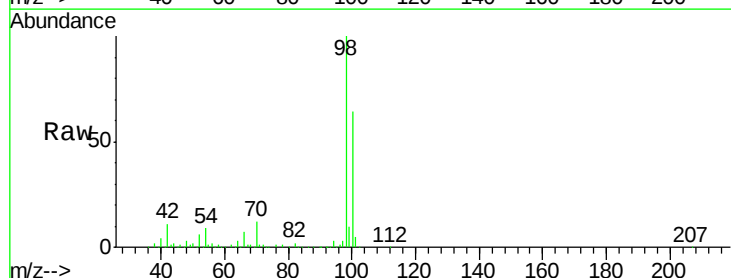
Acq: 27 Jul 2020 14:52

Tgt Ion: 98 Resp: 524975

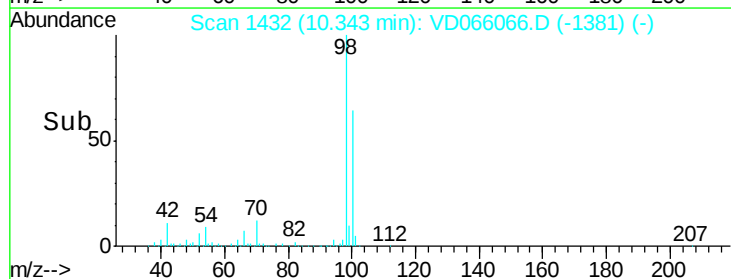
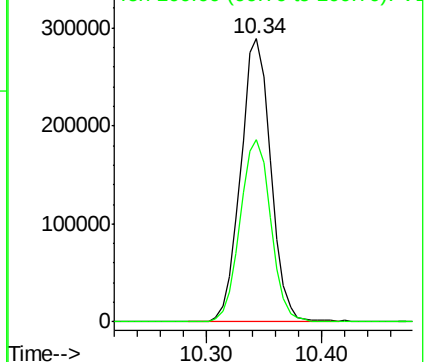
Ion Ratio Lower Upper

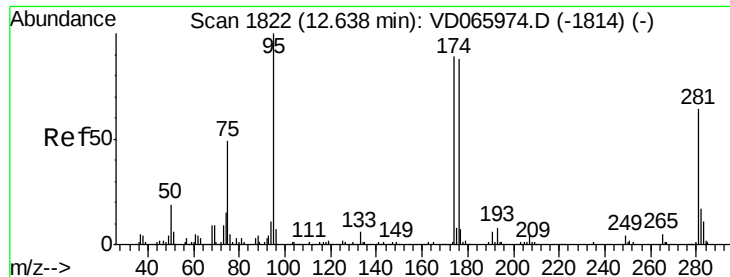
98 100

100 65.6 52.7 79.1



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

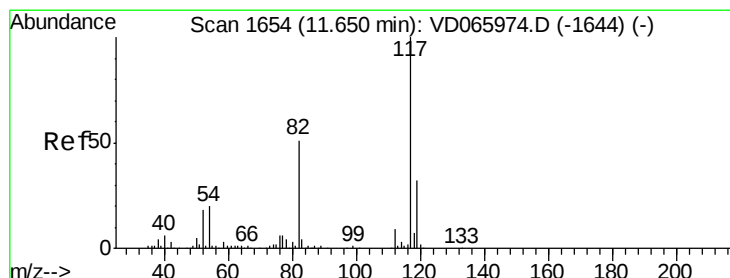
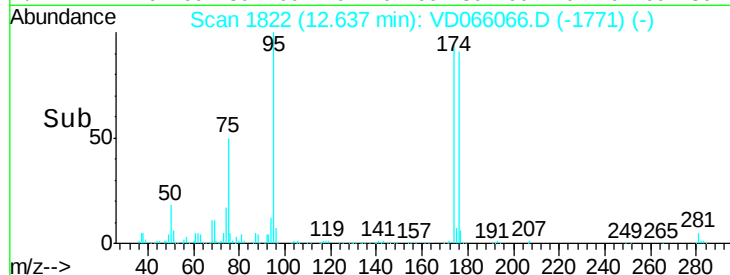
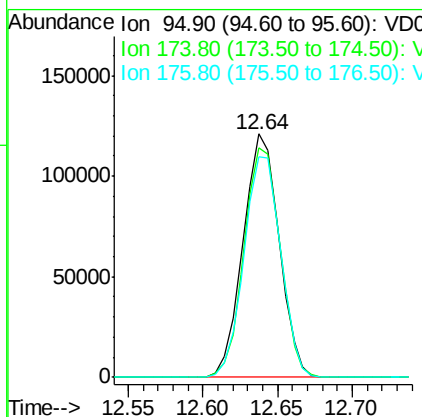
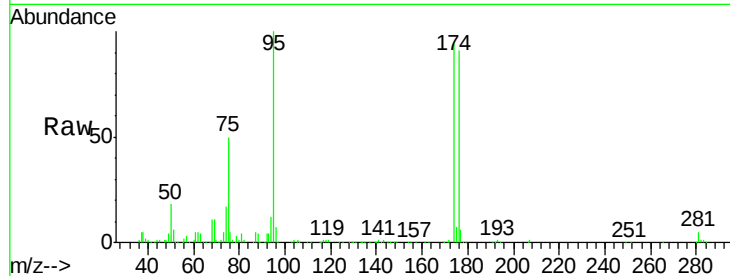




#62
4-Bromofluorobenzene
Concen: 58.120 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

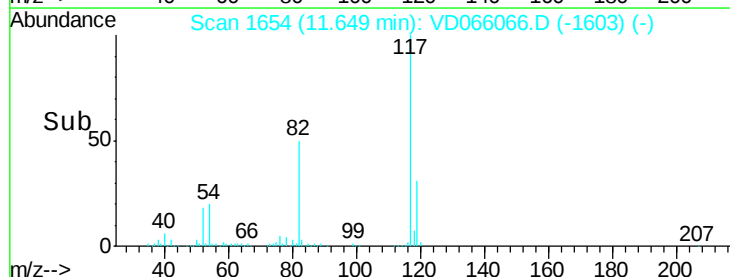
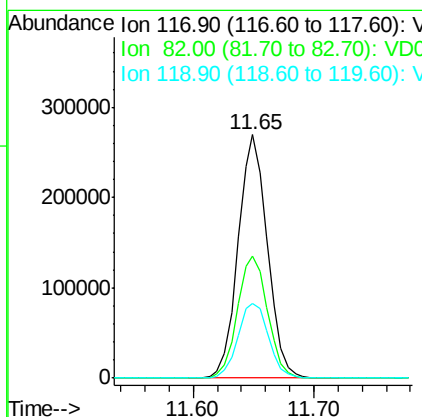
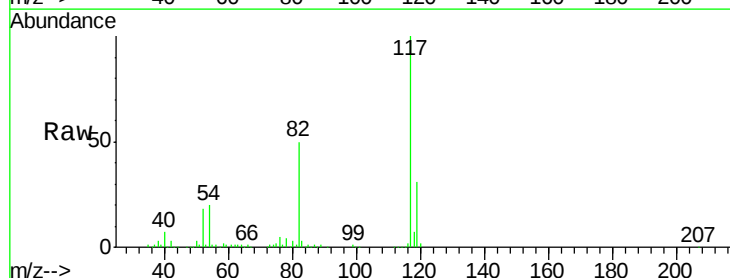
Instrument :
MSVOA_D
ClientSampleId :
19

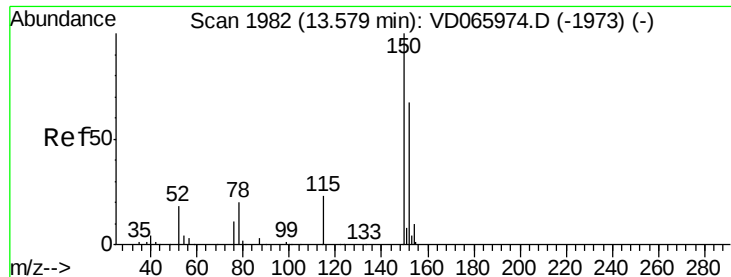
Tot Ion: 95 Resp: 202276
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.8
176 92.3 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

Tgt Ion: 117 Resp: 454258
Ion Ratio Lower Upper
117 100
82 50.3 41.1 61.7
119 30.7 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: VD066066.D

Acq: 27 Jul 2020 14:52

Instrument :

MSVOA_D

ClientSampleId :

19

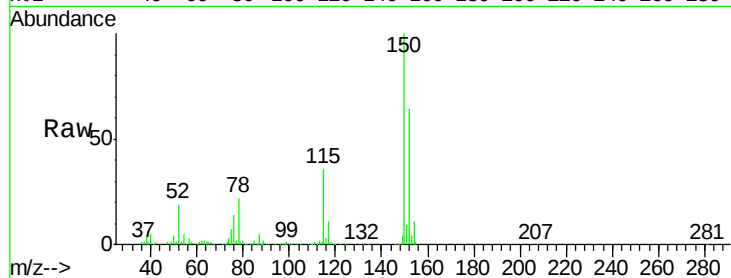
Tot Ion:152 Resp: 219905

Ion Ratio Lower Upper

152 100

115 55.5 27.9 83.7

150 155.4 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

