

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066026.D
 Acq On : 23 Jul 2020 16:02
 Operator : VA/SY
 Sample : L3381-10
 Misc : 8.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 359-GRID-A1-A3

Quant Time: Jul 24 04:17:13 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

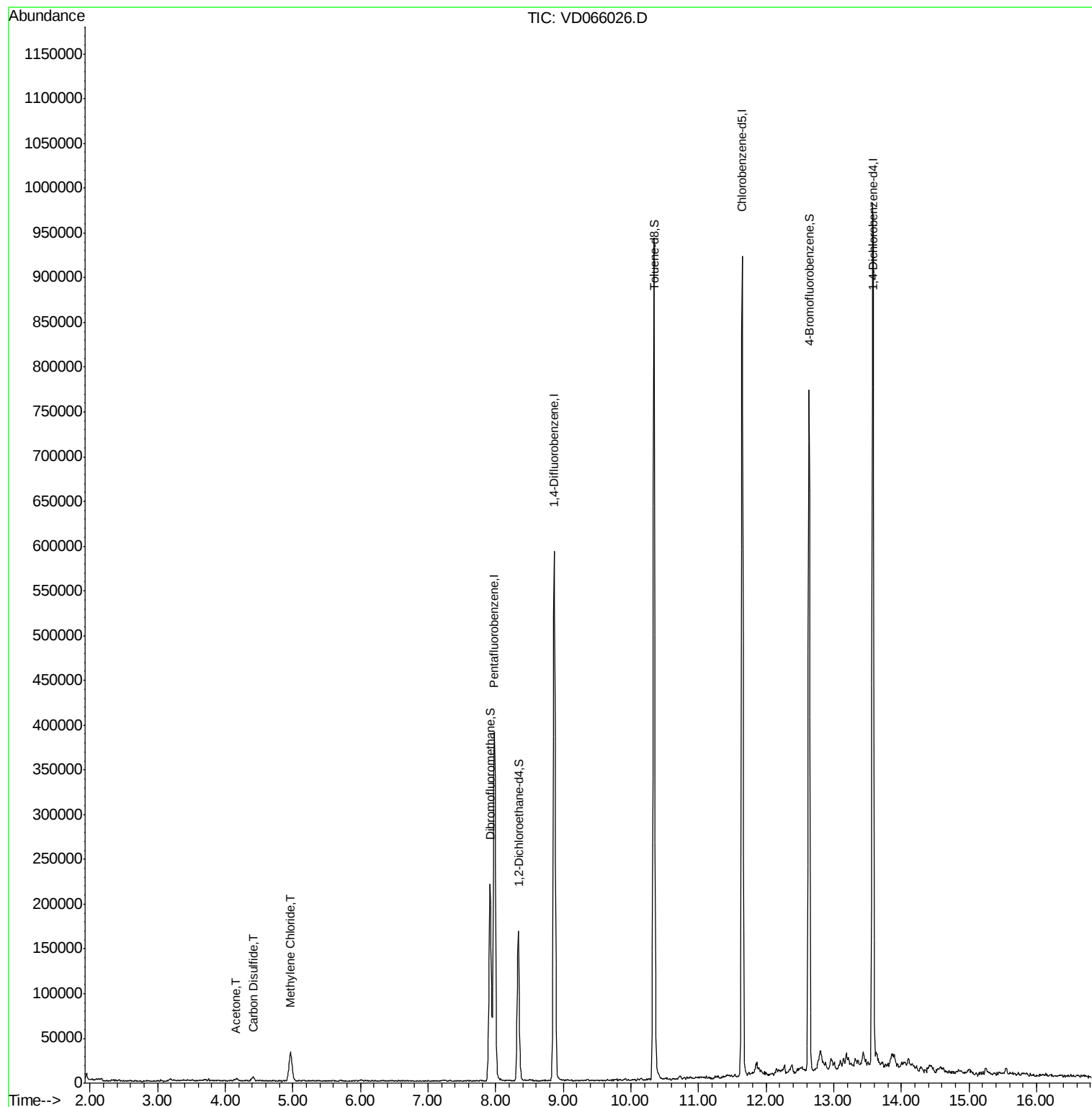
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	322169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	522654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	550974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	133478	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	7.92	113	158619	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	10.34	98	639607	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	12.64	95	247096	60.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.68%	
Target Compounds						
16) Acetone	4.16	43	4709	8.875	ug/l	93
17) Carbon Disulfide	4.41	76	8988	1.040	ug/l #	93
20) Methylene Chloride	4.96	84	24593	5.758	ug/l	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066026.D
Acq On : 23 Jul 2020 16:02
Operator : VA/SY
Sample : L3381-10
Misc : 8.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
359-GRID-A1-A3

Quant Time: Jul 24 04:17:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066026.D

Acq: 23 Jul 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

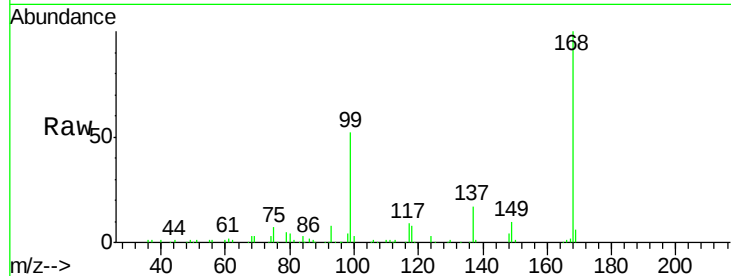
359-GRID-A1-A3

Tot Ion:168 Resp: 322169

Ion Ratio Lower Upper

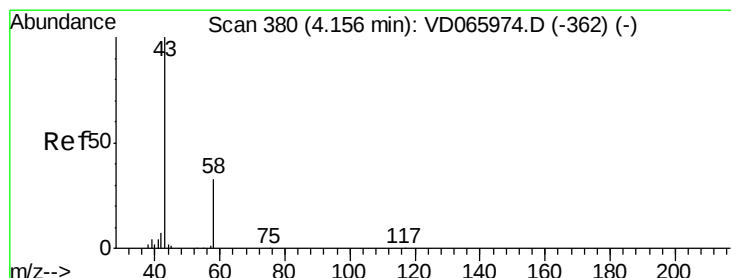
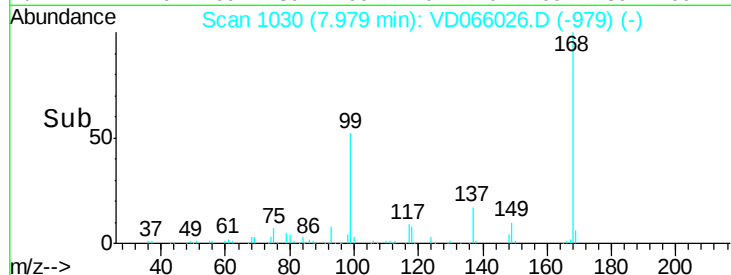
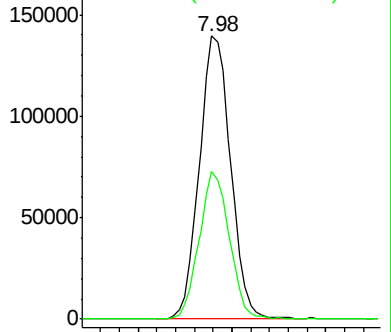
168 100

99 52.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 8.875 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066026.D

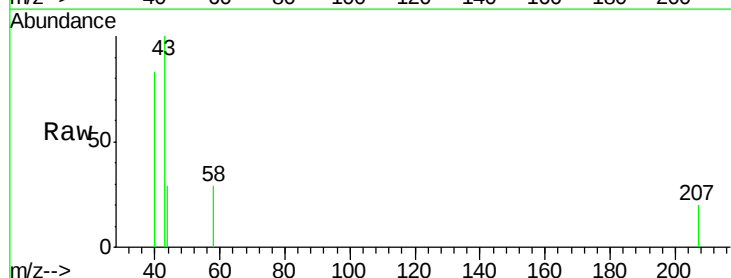
Acq: 23 Jul 2020 16:02

Tgt Ion: 43 Resp: 4709

Ion Ratio Lower Upper

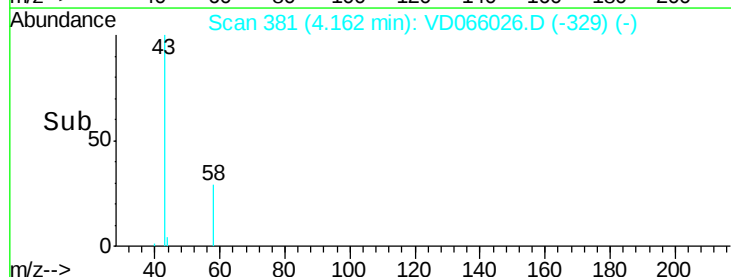
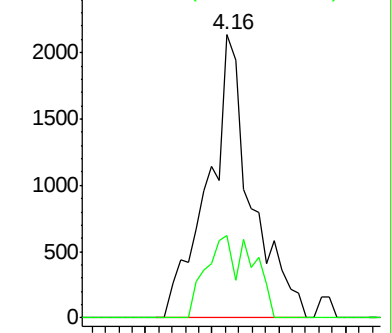
43 100

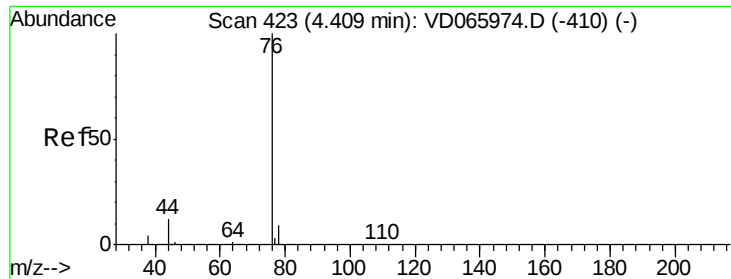
58 29.1 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.040 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066026.D

Acq: 23 Jul 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

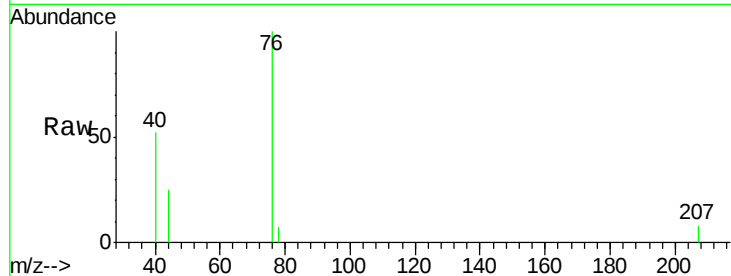
359-GRID-A1-A3

Tot Ion: 76 Resp: 8988

Ion Ratio Lower Upper

76 100

78 6.6 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

4000

3000

2000

1000

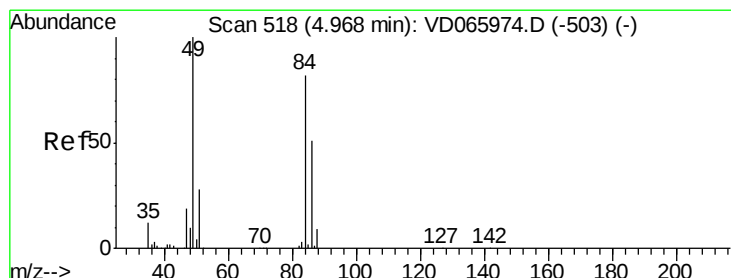
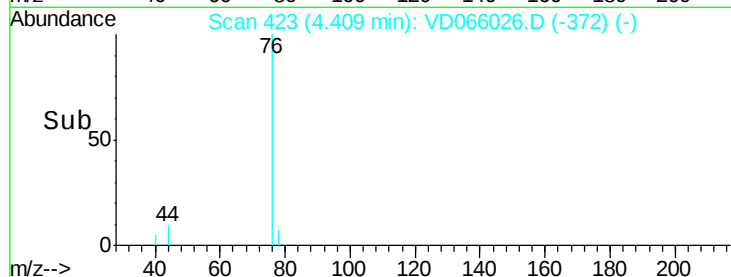
0

4.30

4.40

4.50

Time-->



#20

Methylene Chloride

Concen: 5.758 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066026.D

Acq: 23 Jul 2020 16:02

Tgt Ion: 84 Resp: 24593

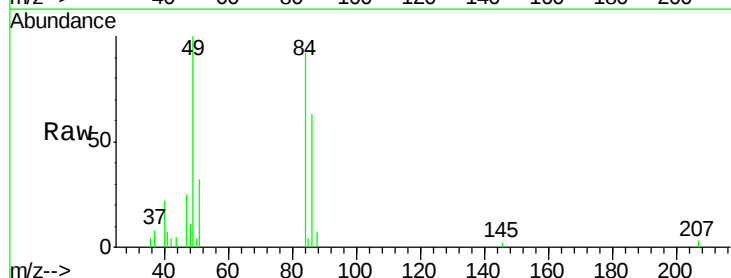
Ion Ratio Lower Upper

84 100

49 108.8 97.7 146.5

51 35.1 27.4 41.2

86 68.2 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

10000

5000

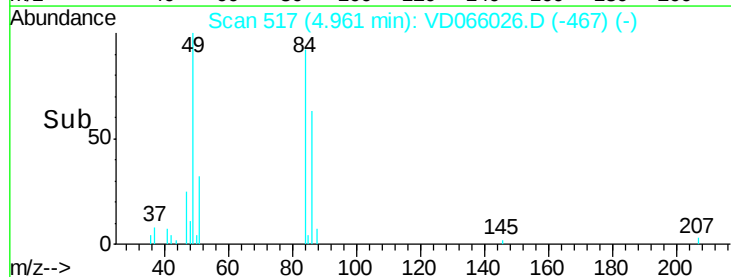
0

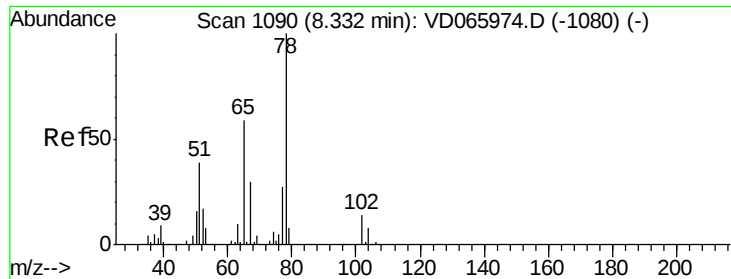
4.90

5.00

5.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.917 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066026.D

Acq: 23 Jul 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

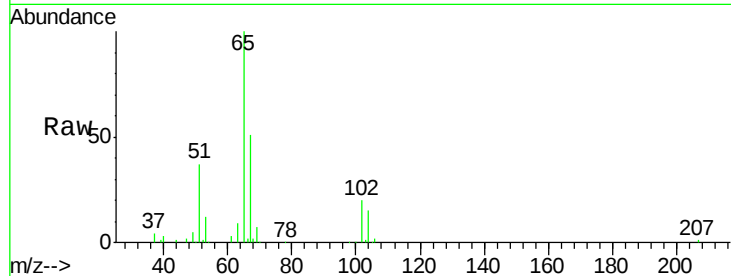
359-GRID-A1-A3

Tot Ion: 65 Resp: 133478

Ion Ratio Lower Upper

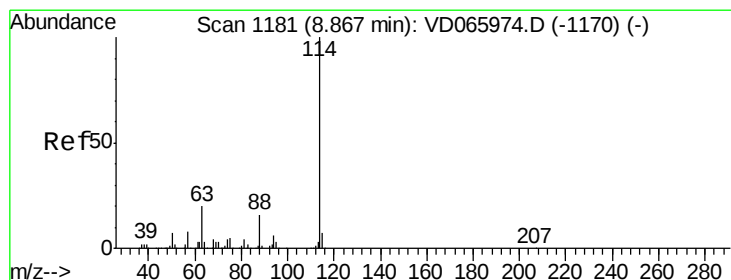
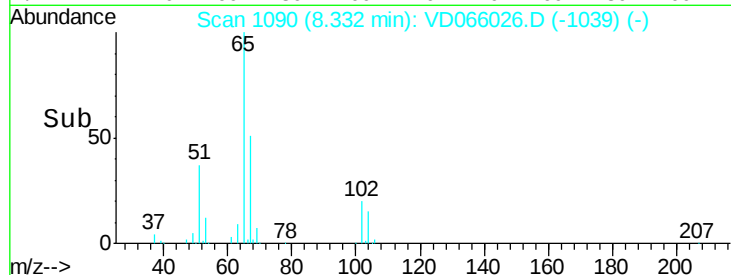
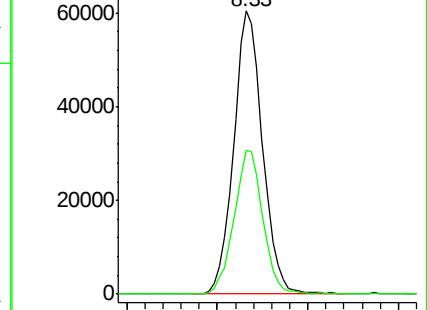
65 100

67 50.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066026.D

Acq: 23 Jul 2020 16:02

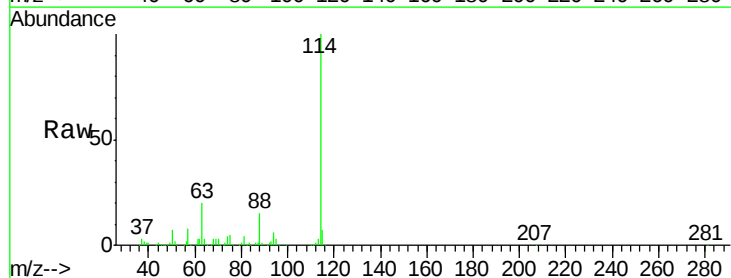
Tgt Ion: 114 Resp: 522654

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

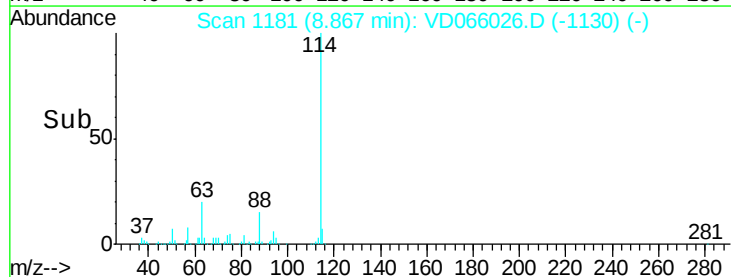
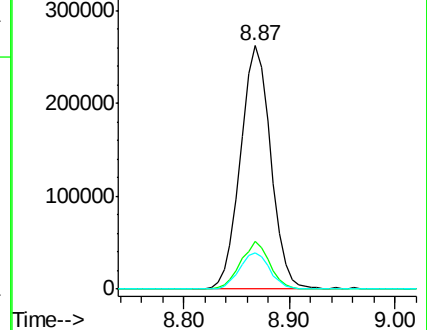
88 15.0 0.0 31.2

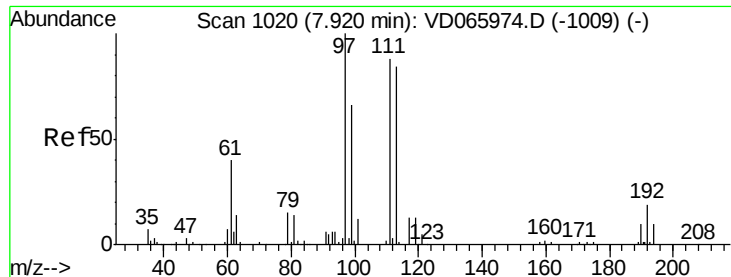


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

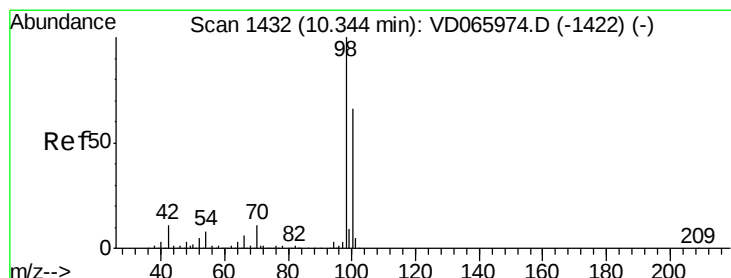
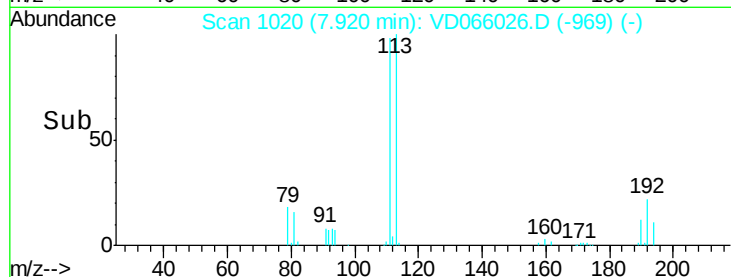
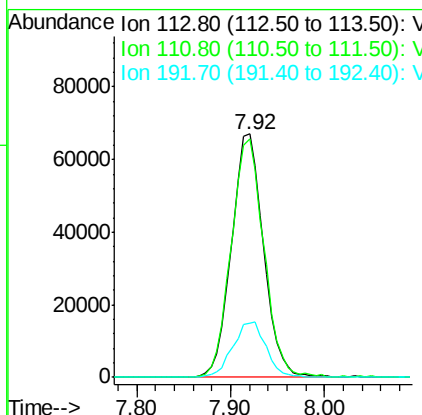
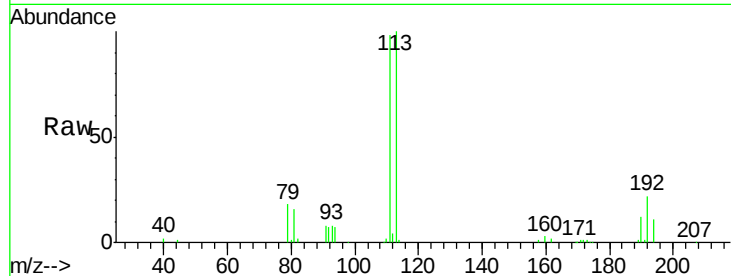




#35
 Dibromofluoromethane
 Concen: 50.037 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066026.D
 Acq: 23 Jul 2020 16:02

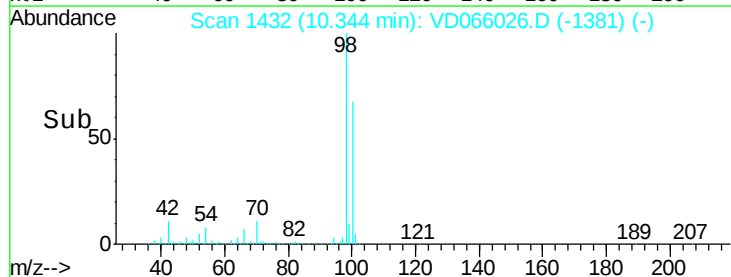
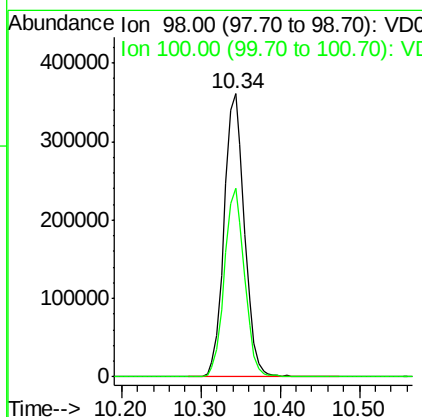
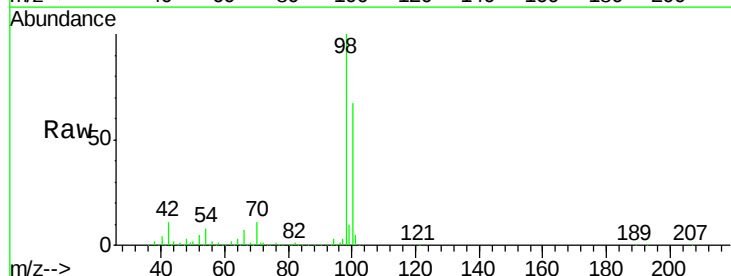
Instrument :
 MSVOA_D
 ClientSampleId :
 359-GRID-A1-A3

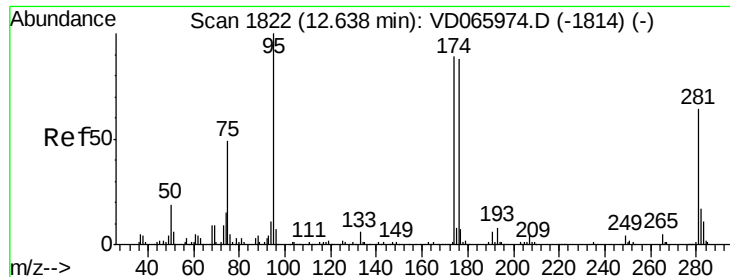
Tot Ion:113 Resp: 158619
 Ion Ratio Lower Upper
 113 100
 111 100.4 83.2 124.8
 192 23.4 18.7 28.1



#50
 Toluene-d8
 Concen: 54.161 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD066026.D
 Acq: 23 Jul 2020 16:02

Tgt Ion: 98 Resp: 639607
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.7 79.1

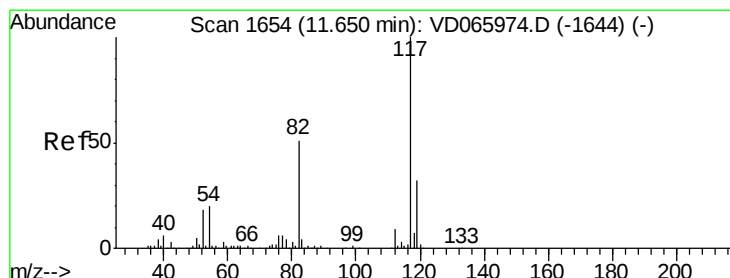
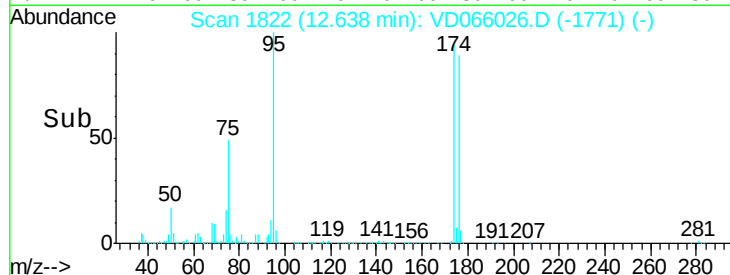
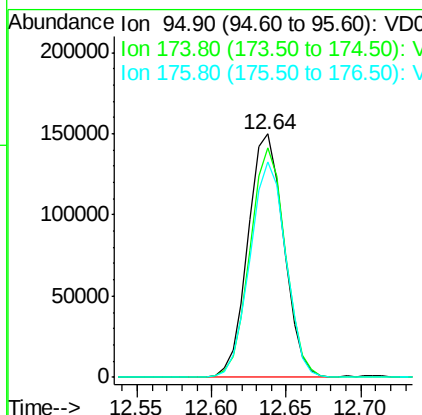
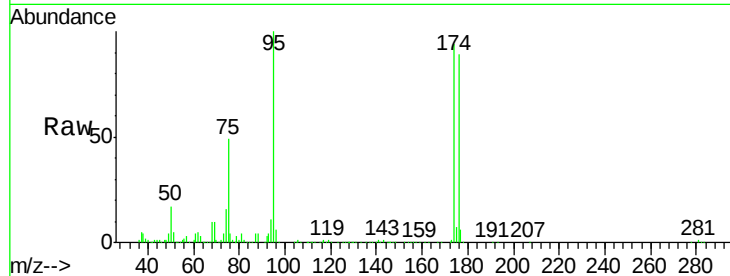




#62
4-Bromofluorobenzene
Concen: 60.345 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066026.D
Acq: 23 Jul 2020 16:02

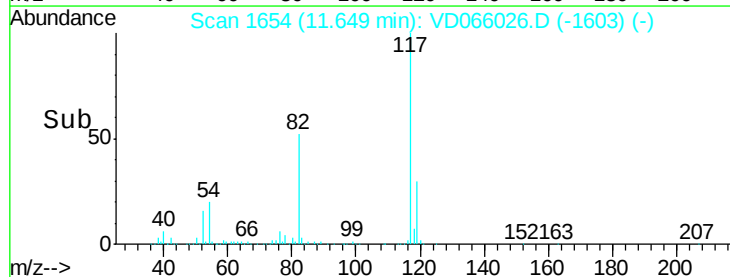
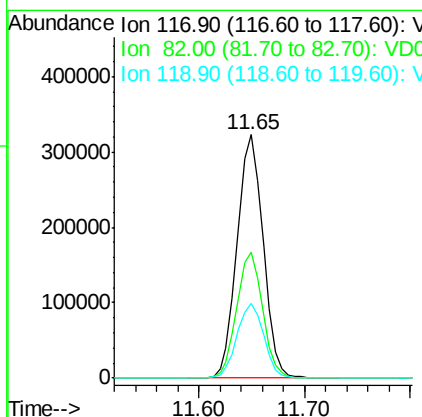
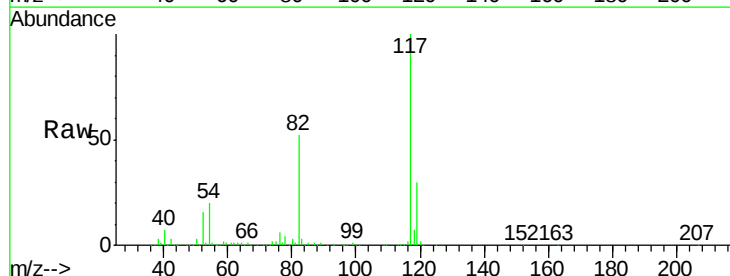
Instrument :
MSVOA_D
ClientSampleId :
359-GRID-A1-A3

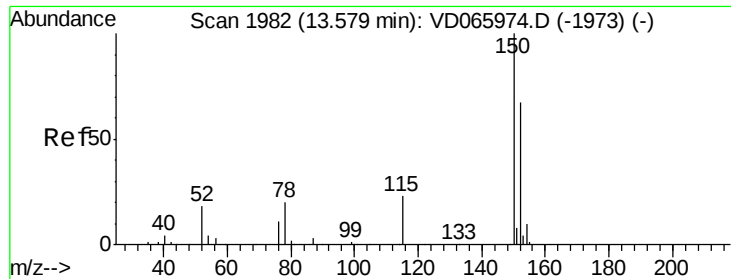
Tot Ion: 95 Resp: 247096
Ion Ratio Lower Upper
95 100
174 93.5 0.0 178.8
176 88.9 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066026.D
Acq: 23 Jul 2020 16:02

Tgt Ion: 117 Resp: 550974
Ion Ratio Lower Upper
117 100
82 51.8 41.1 61.7
119 30.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066026.D

Acq: 23 Jul 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

359-GRID-A1-A3

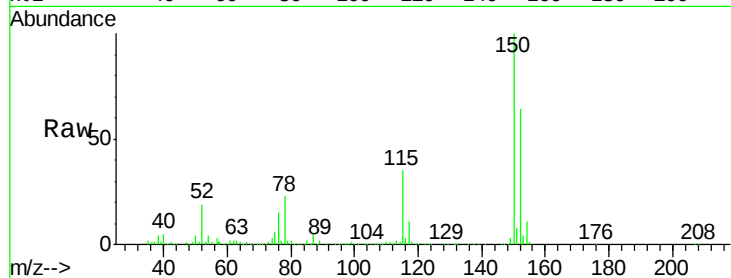
Tot Ion:152 Resp: 277553

Ion Ratio Lower Upper

152 100

115 54.4 27.9 83.7

150 155.5 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

