

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065986.D
 Acq On : 21 Jul 2020 18:01
 Operator : VA/SY
 Sample : L3258-01
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200414-1

Quant Time: Jul 22 01:56:30 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

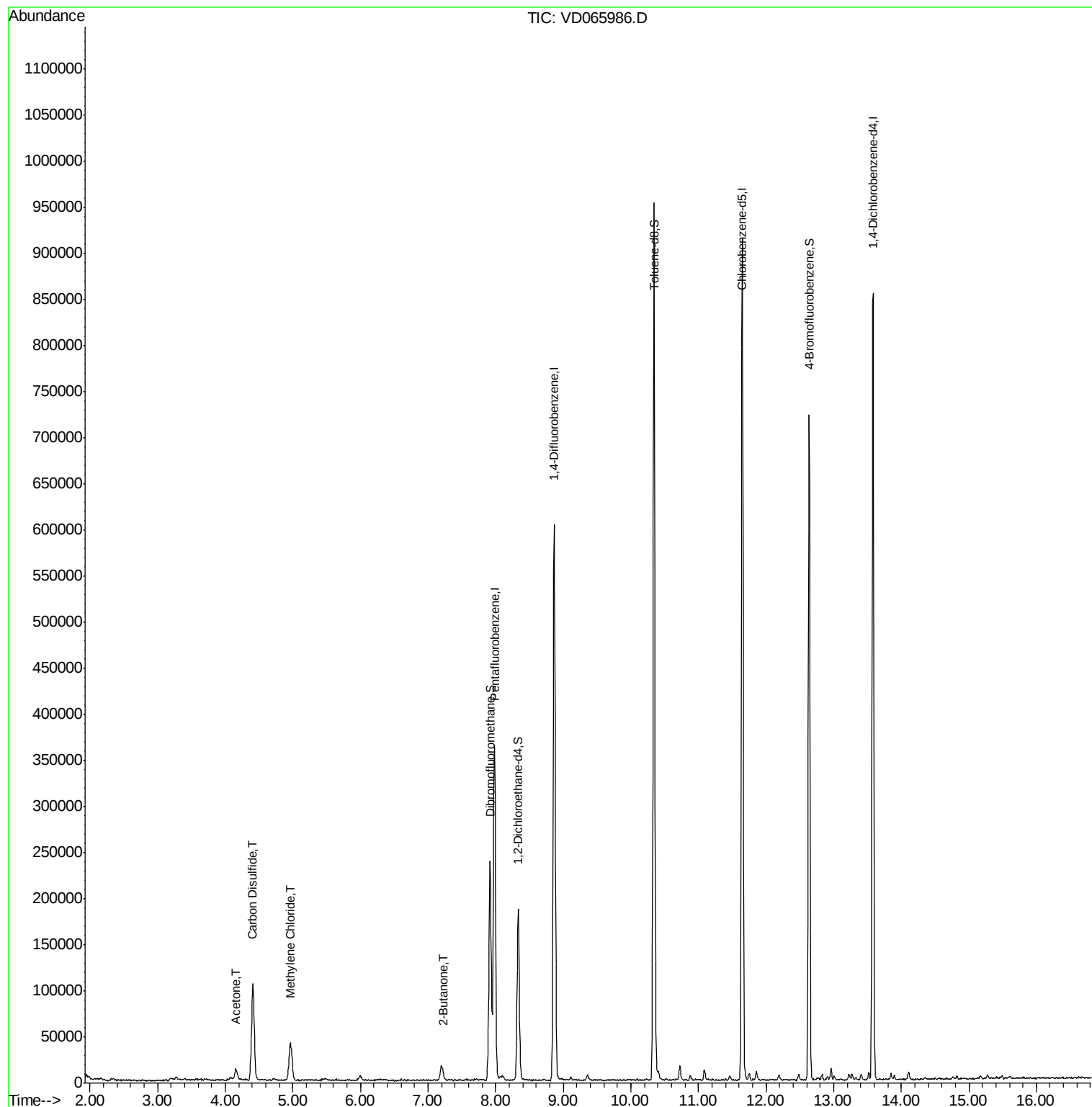
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	293087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	533925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	537467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	142826	59.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.78%	
35) Dibromofluoromethane	7.92	113	170789	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
50) Toluene-d8	10.34	98	648634	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.64	95	227813	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
Target Compounds						
16) Acetone	4.16	43	22264	46.122	ug/l	98
17) Carbon Disulfide	4.41	76	226382	28.800	ug/l	99
20) Methylene Chloride	4.97	84	31818	9.520	ug/l	92
25) 2-Butanone	7.23	43	6188	9.661	ug/l	99

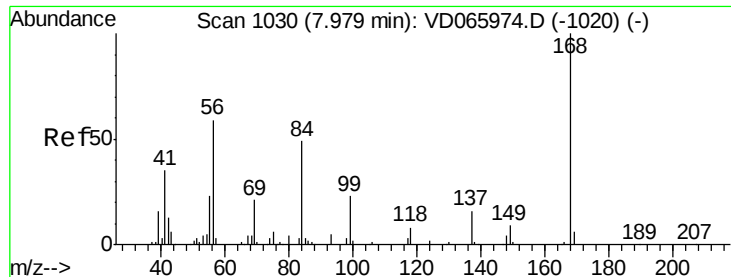
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072120\
Data File : VD065986.D
Acq On : 21 Jul 2020 18:01
Operator : VA/SY
Sample : L3258-01
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20200414-1

Quant Time: Jul 22 01:56:30 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# 1031

Delta R.T. 0.01 min

Lab File: VD065986.D

Acq: 21 Jul 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

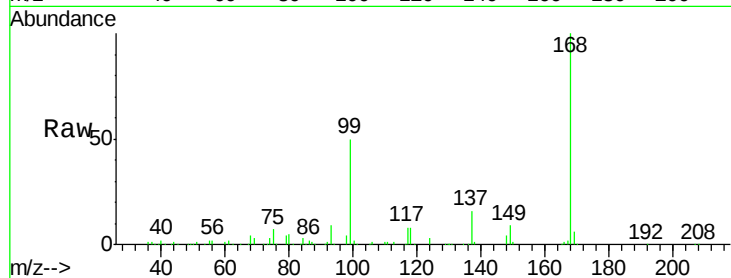
20200414-1

Tot Ion:168 Resp: 293087

Ion Ratio Lower Upper

168 100

99 49.6 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

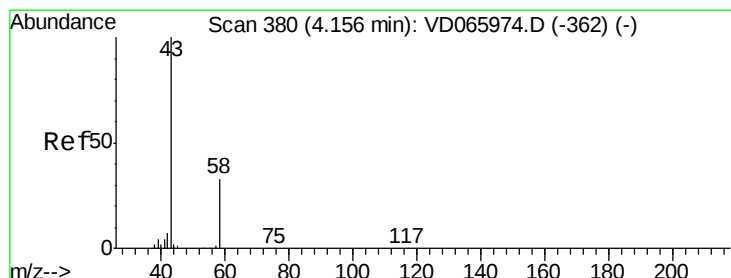
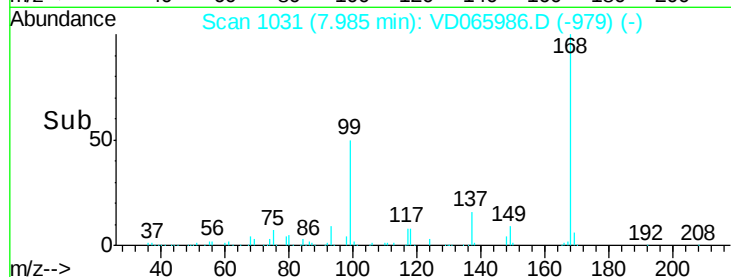
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 46.122 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065986.D

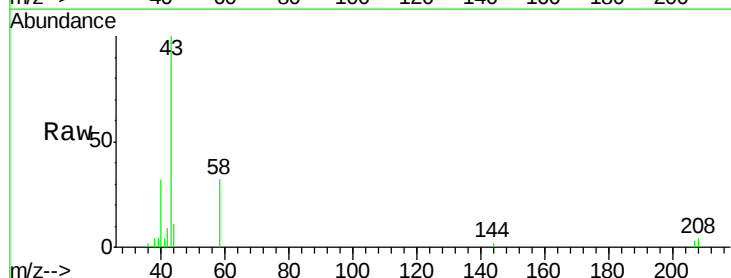
Acq: 21 Jul 2020 18:01

Tgt Ion: 43 Resp: 22264

Ion Ratio Lower Upper

43 100

58 32.0 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

8000

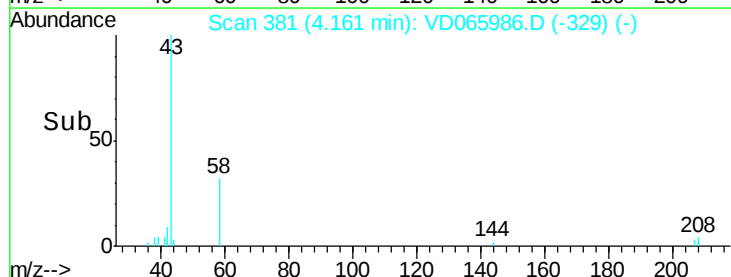
6000

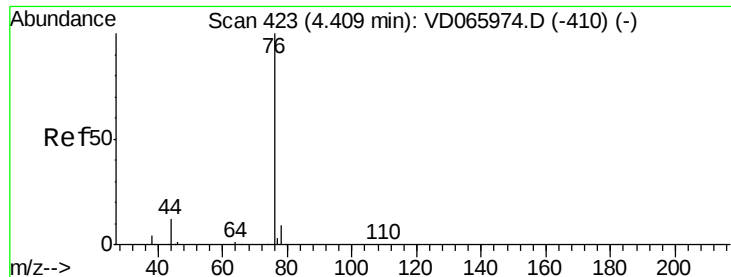
4000

2000

0

Time-->

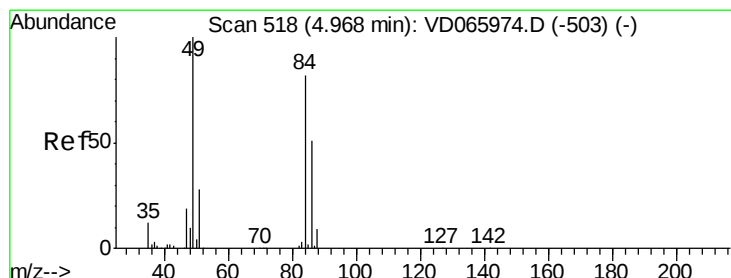
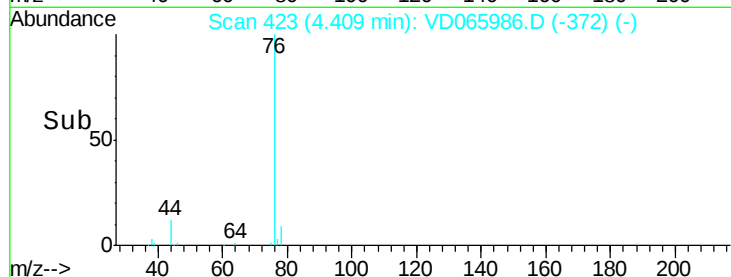
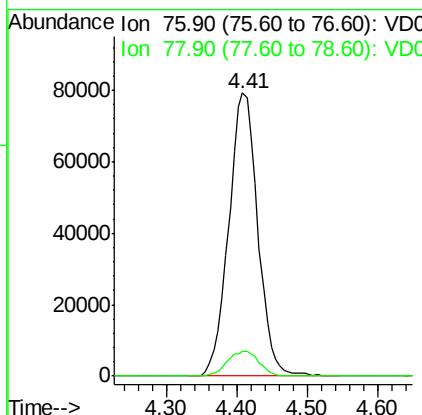
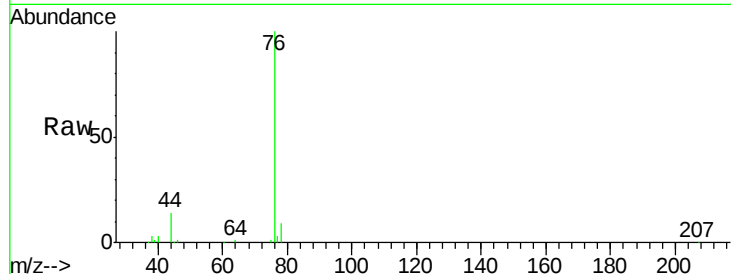




#17
Carbon Disulfide
Concen: 28.800 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065986.D
Acq: 21 Jul 2020 18:01

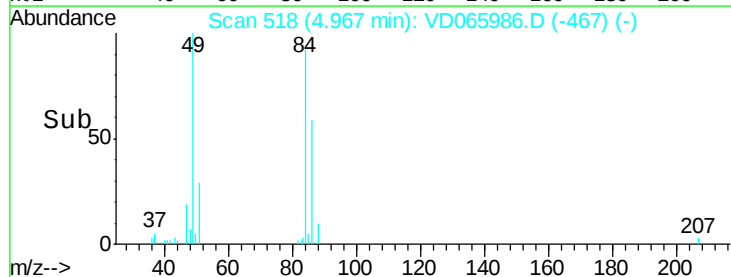
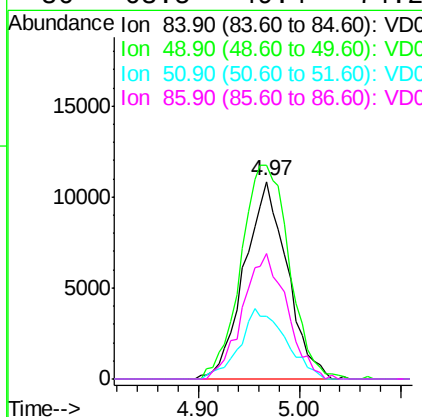
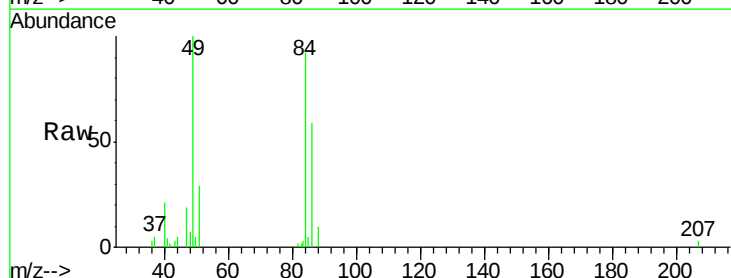
Instrument :
MSVOA_D
ClientSampleId :
20200414-1

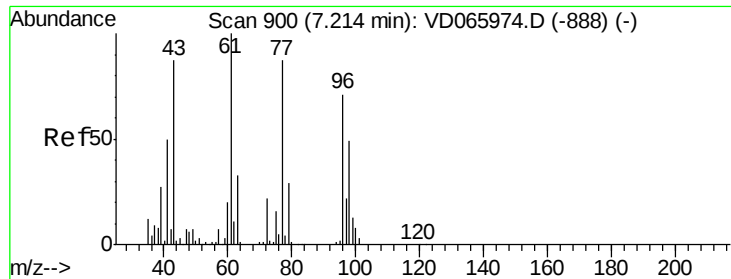
Tot Ion: 76 Resp: 226382
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#20
Methylene Chloride
Concen: 9.520 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065986.D
Acq: 21 Jul 2020 18:01

Tgt Ion: 84 Resp: 31818
Ion Ratio Lower Upper
84 100
49 108.2 97.7 146.5
51 31.6 27.4 41.2
86 63.5 49.4 74.2





#25

2-Butanone

Concen: 9.661 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065986.D

Acq: 21 Jul 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

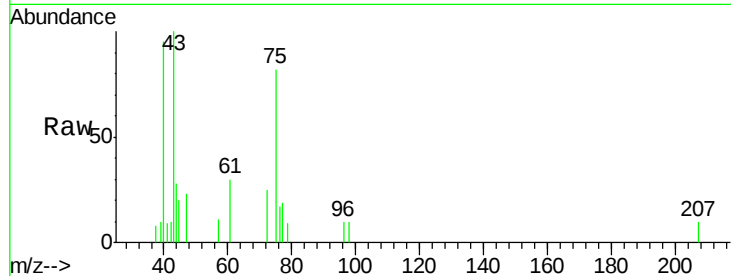
20200414-1

Tot Ion: 43 Resp: 6188

Ion Ratio Lower Upper

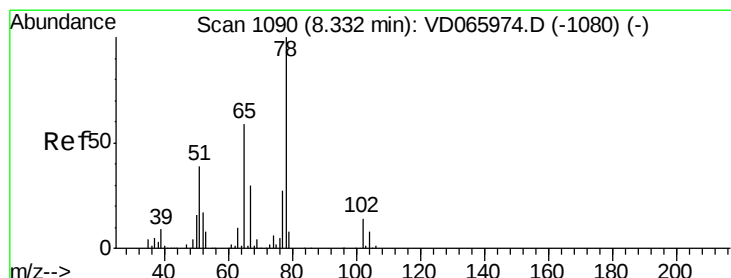
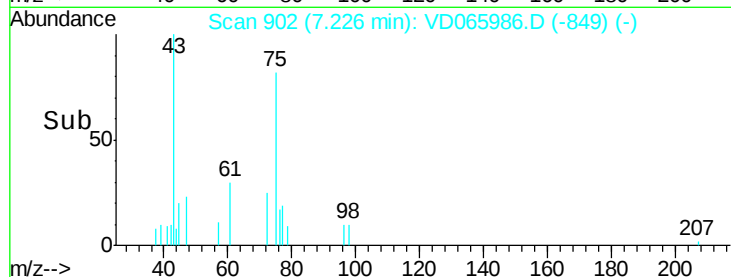
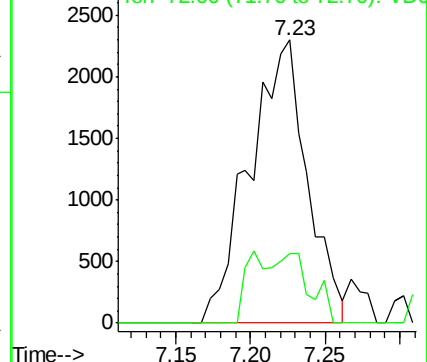
43 100

72 24.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.890 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065986.D

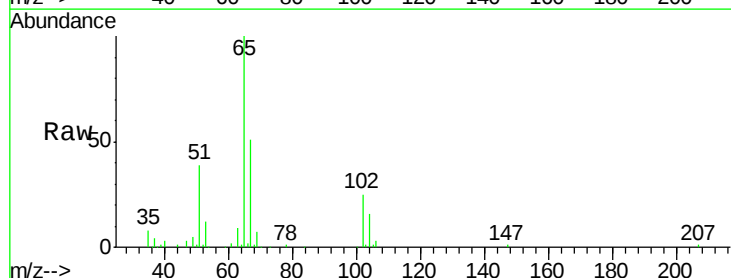
Acq: 21 Jul 2020 18:01

Tgt Ion: 65 Resp: 142826

Ion Ratio Lower Upper

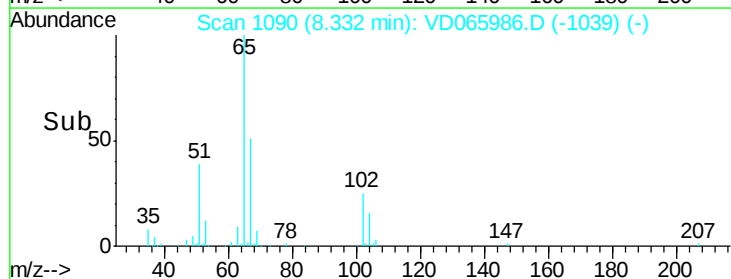
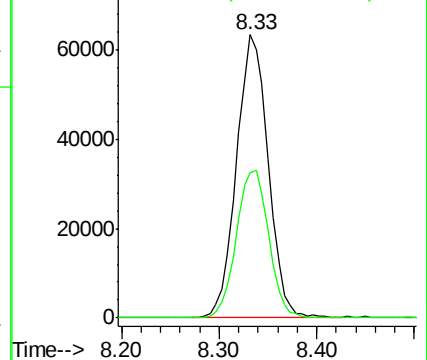
65 100

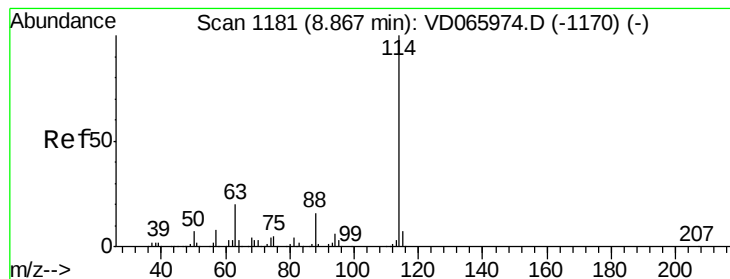
67 53.0 0.0 105.0



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: VD065986.D

Acq: 21 Jul 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

20200414-1

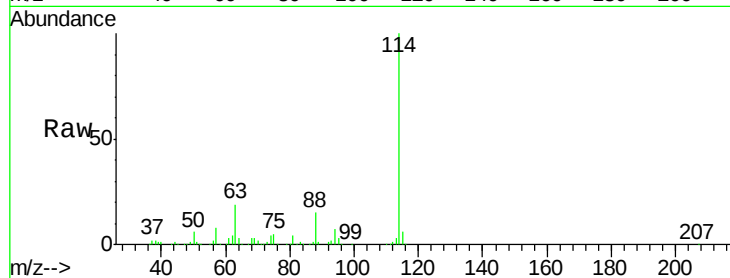
Tot Ion:114 Resp: 533925

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

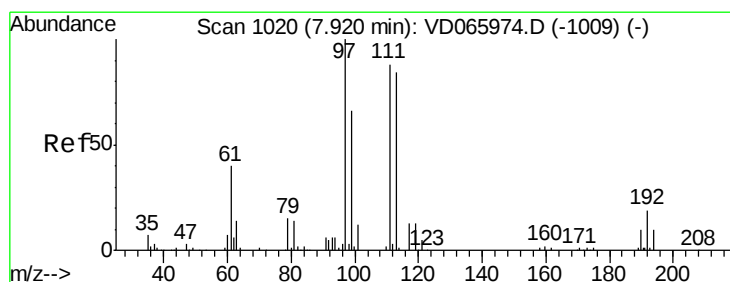
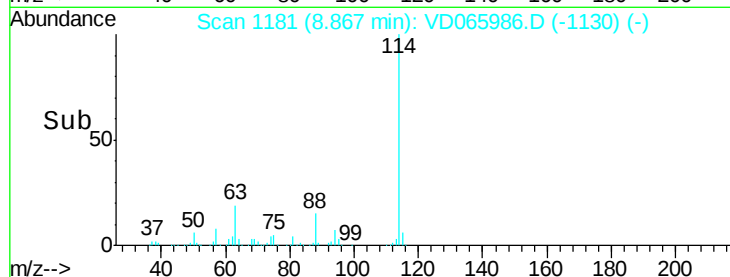
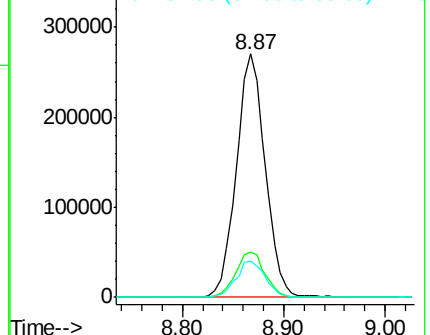
88 14.9 0.0 31.2



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: 52.738 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065986.D

Acq: 21 Jul 2020 18:01

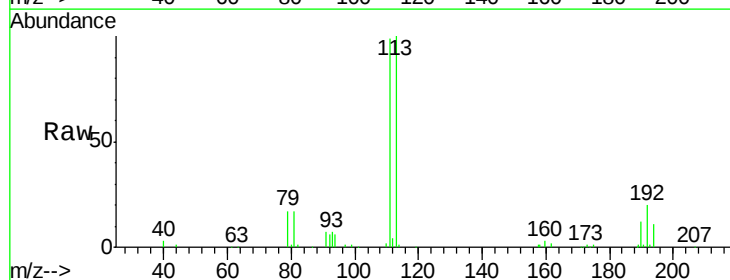
Tgt Ion:113 Resp: 170789

Ion Ratio Lower Upper

113 100

111 101.3 83.2 124.8

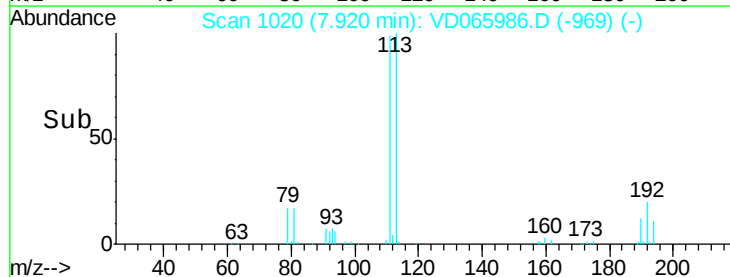
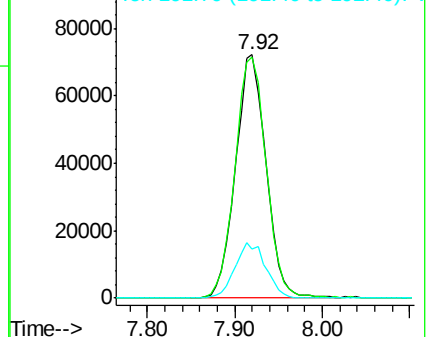
192 22.9 18.7 28.1

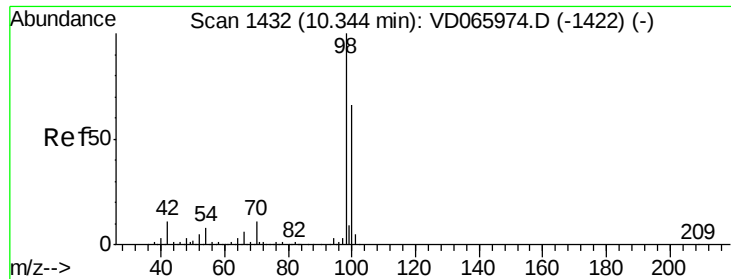


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.766 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065986.D

Acq: 21 Jul 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

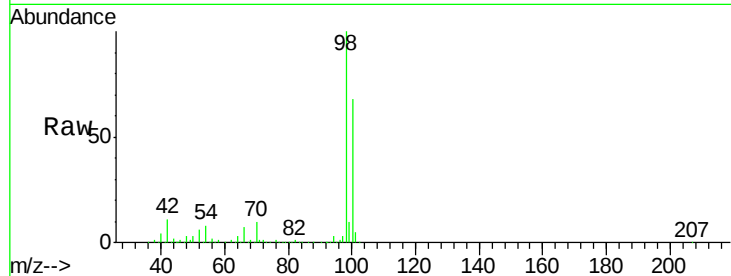
20200414-1

Tot Ion: 98 Resp: 648634

Ion Ratio Lower Upper

98 100

100 67.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

400000

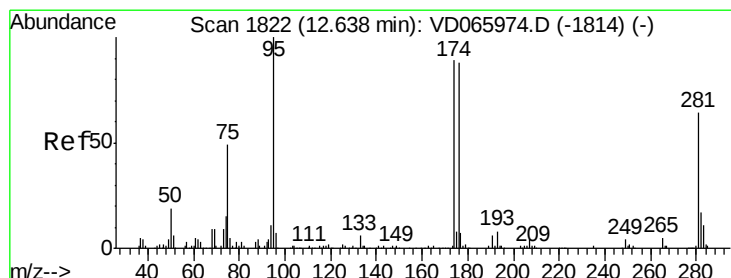
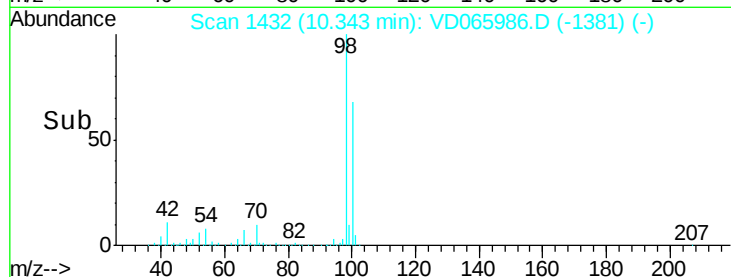
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 54.461 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065986.D

Acq: 21 Jul 2020 18:01

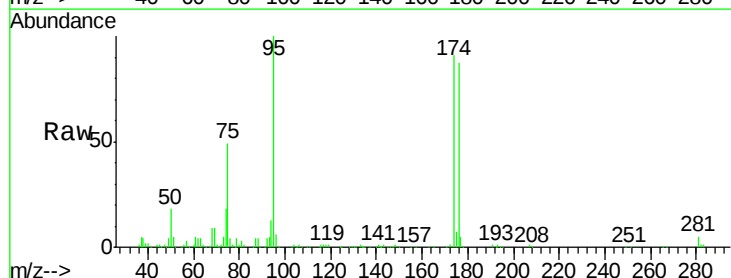
Tgt Ion: 95 Resp: 227813

Ion Ratio Lower Upper

95 100

174 92.8 0.0 178.8

176 88.9 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

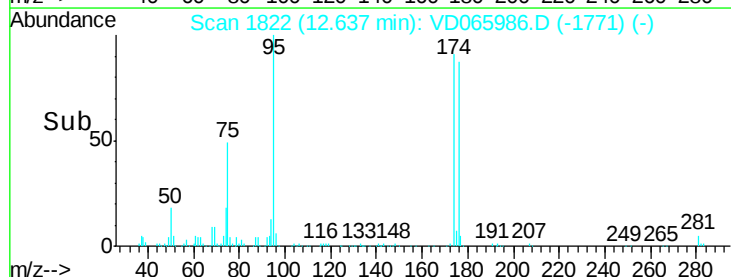
150000

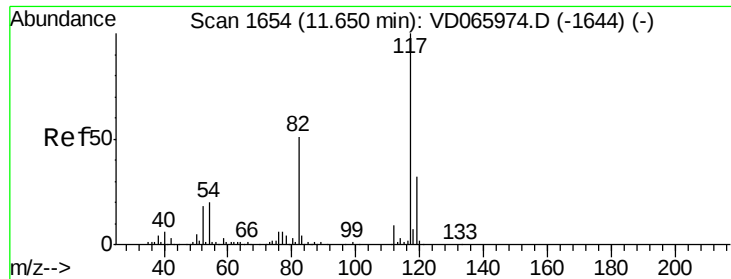
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

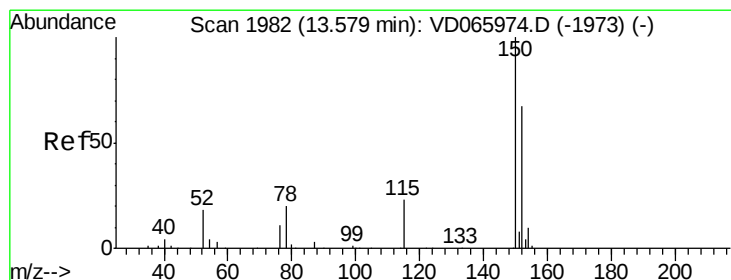
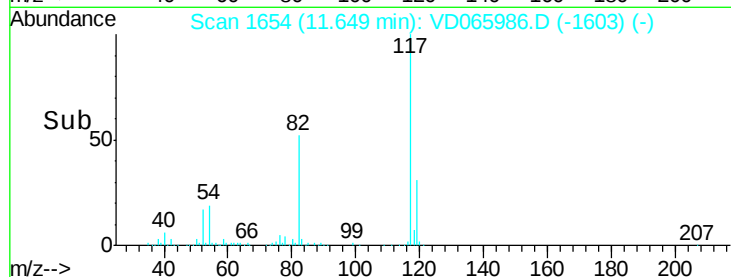
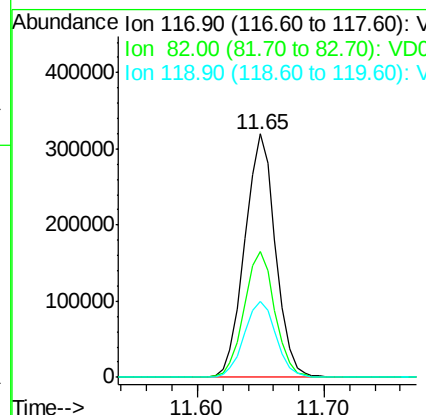
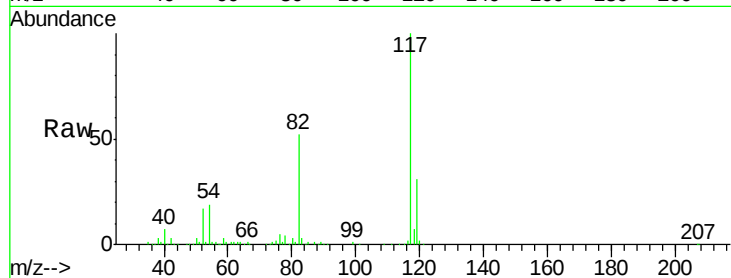




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065986.D
Acq: 21 Jul 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
20200414-1

Tot Ion:117 Resp: 537467
Ion Ratio Lower Upper
117 100
82 51.7 41.1 61.7
119 31.4 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: VD065986.D
Acq: 21 Jul 2020 18:01

Tgt Ion:152 Resp: 241733
Ion Ratio Lower Upper
152 100
115 54.4 27.9 83.7
150 157.7 0.0 348.2

