

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065980.D
 Acq On : 21 Jul 2020 15:17
 Operator : VA/SY
 Sample : L3188-13
 Misc : 7.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-071620

Quant Time: Jul 21 16:57:38 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

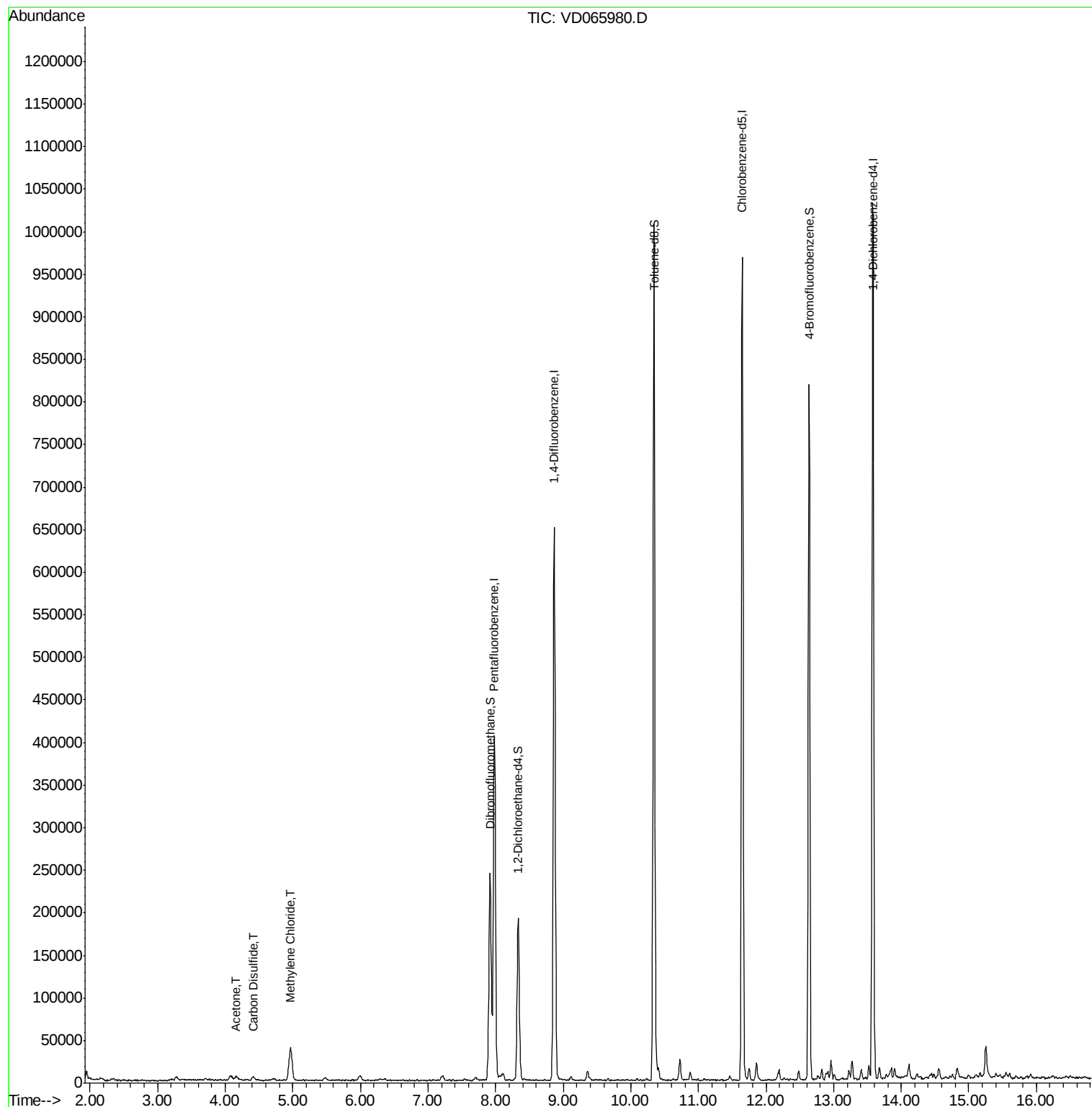
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	330654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	581798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	583737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	151036	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.28%	
35) Dibromofluoromethane	7.92	113	175420	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.34	98	694923	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.64	95	263215	57.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.50%	
Target Compounds						
16) Acetone	4.16	43	8617	15.823	ug/l #	87
17) Carbon Disulfide	4.41	76	9653	1.089	ug/l	95
20) Methylene Chloride	4.97	84	32044	8.160	ug/l	92

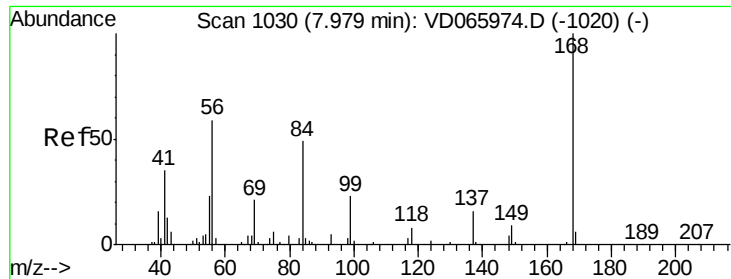
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065980.D

Acq: 21 Jul 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

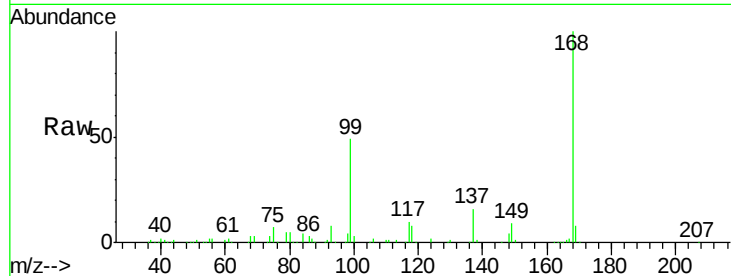
TR-04-071620

Tot Ion:168 Resp: 330654

Ion Ratio Lower Upper

168 100

99 49.1 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

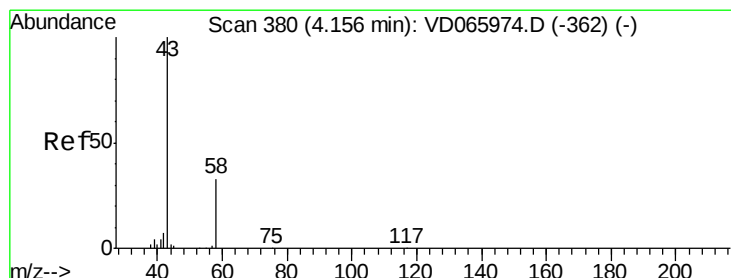
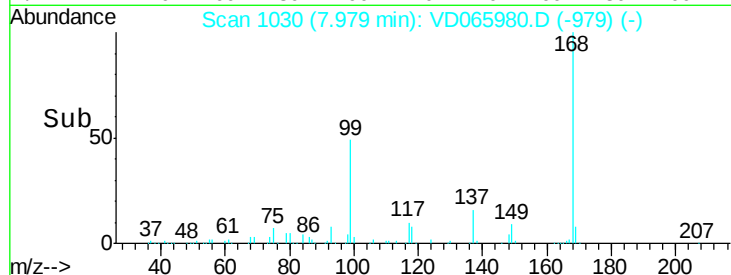
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 15.823 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065980.D

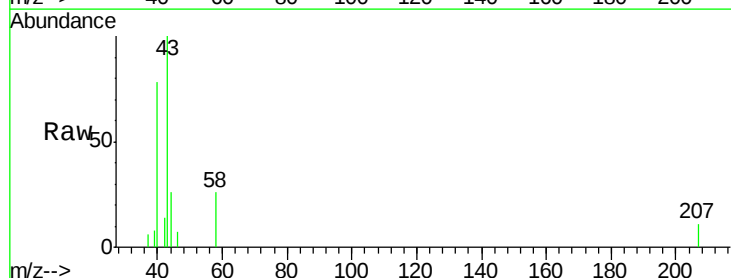
Acq: 21 Jul 2020 15:17

Tgt Ion: 43 Resp: 8617

Ion Ratio Lower Upper

43 100

58 25.7 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

3000

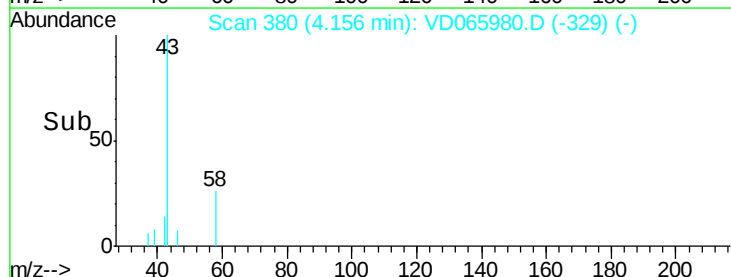
2000

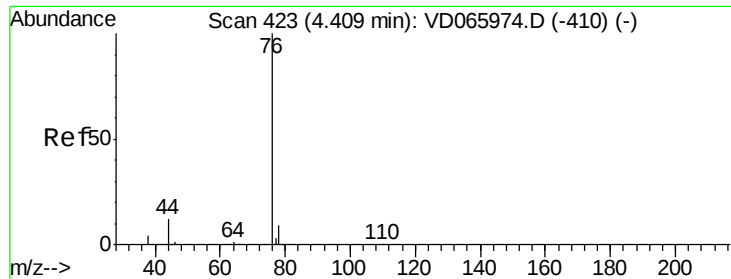
1000

0

4.05 4.10 4.15 4.20 4.25

Time-->





#17

Carbon Disulfide

Concen: 1.089 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065980.D

Acq: 21 Jul 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

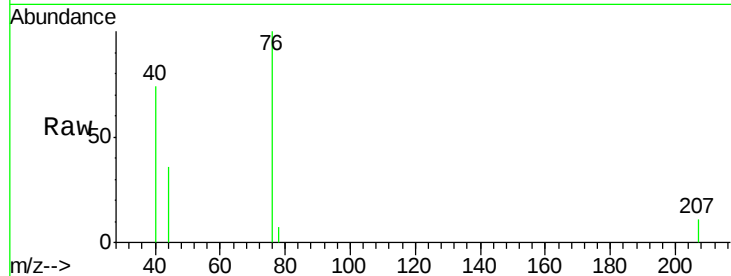
TR-04-071620

Tot Ion: 76 Resp: 9653

Ion Ratio Lower Upper

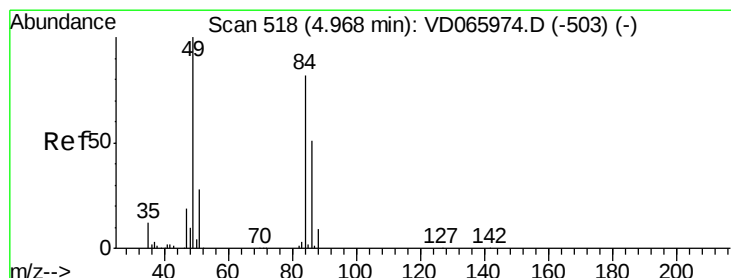
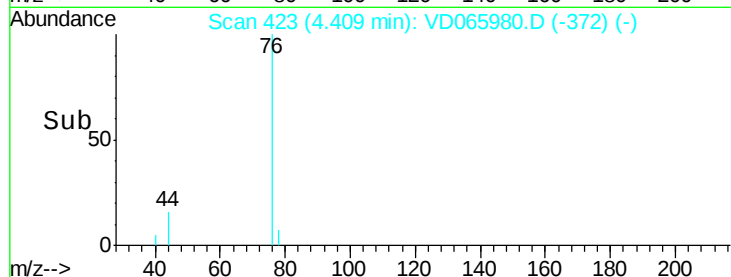
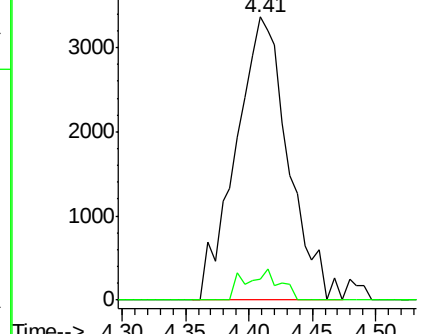
76 100

78 7.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#20

Methylene Chloride

Concen: 8.160 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065980.D

Acq: 21 Jul 2020 15:17

Tgt Ion: 84 Resp: 32044

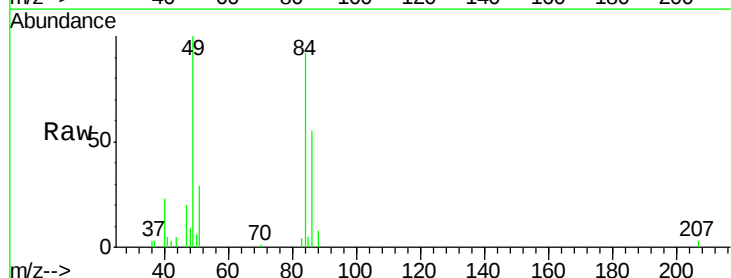
Ion Ratio Lower Upper

84 100

49 108.6 97.7 146.5

51 31.3 27.4 41.2

86 60.0 49.4 74.2

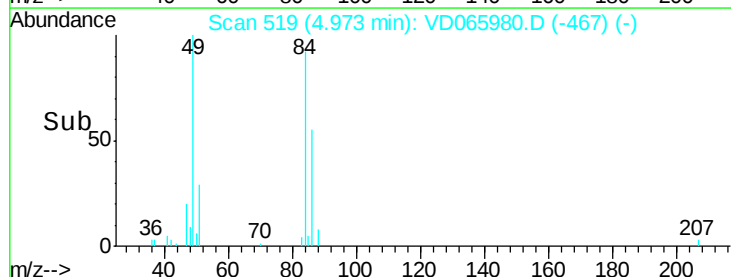
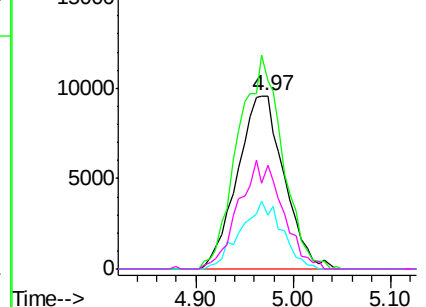


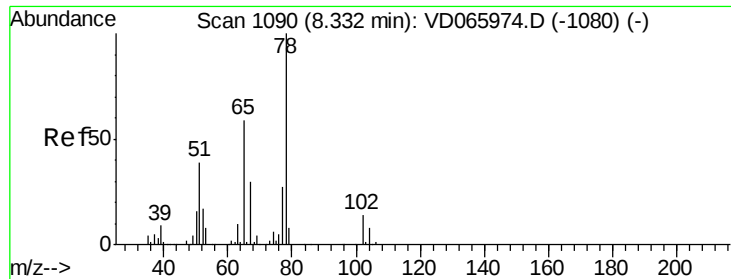
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

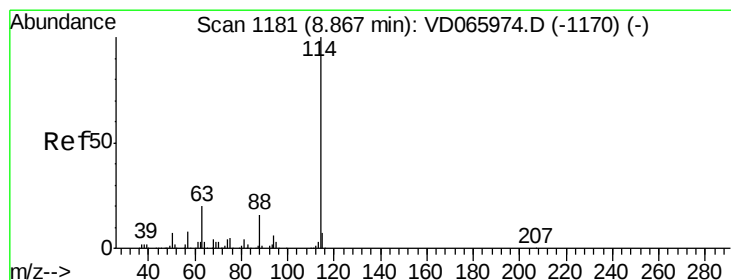
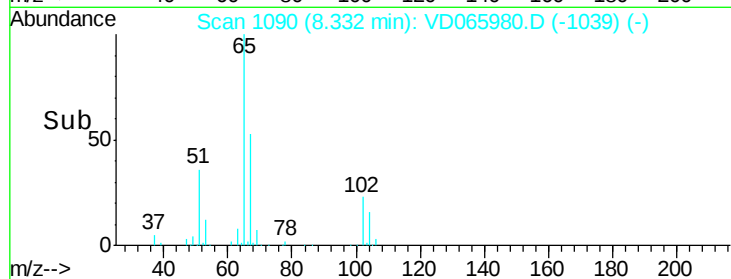
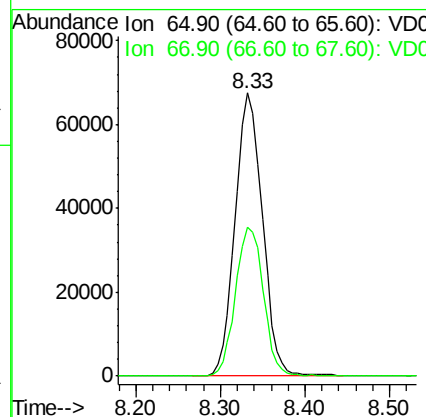
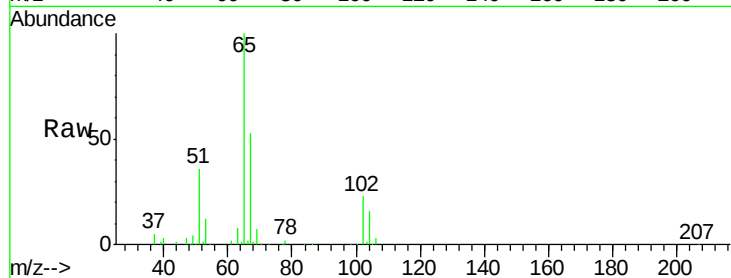




#33
 1,2-Dichloroethane-d4
 Concen: 56.137 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065980.D
 Acq: 21 Jul 2020 15:17

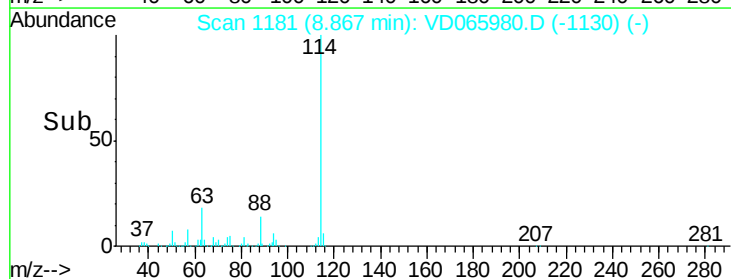
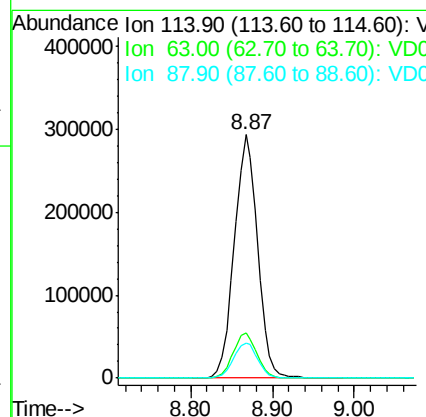
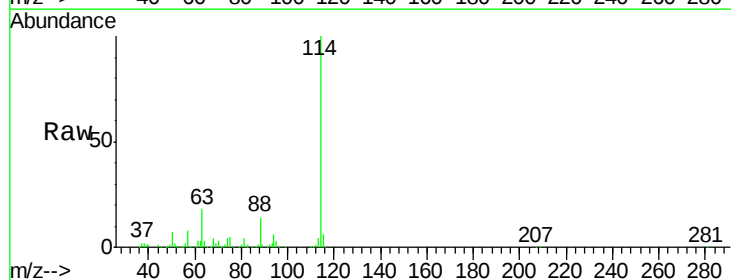
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-071620

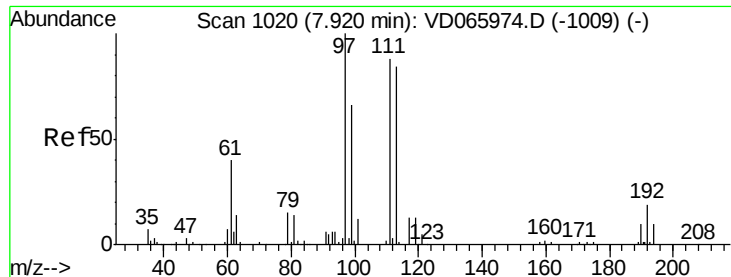
Tot Ion: 65 Resp: 151036
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065980.D
 Acq: 21 Jul 2020 15:17

Tgt Ion: 114 Resp: 581798
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.6
 88 14.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.711 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065980.D

Acq: 21 Jul 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

TR-04-071620

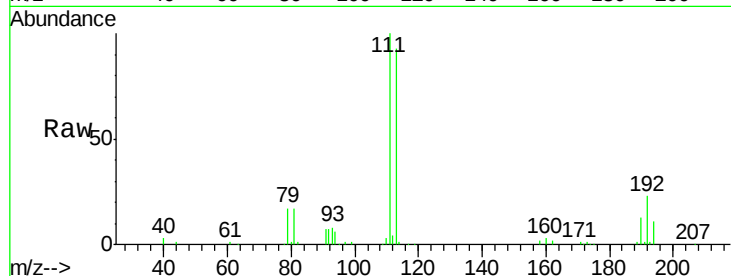
Tot Ion:113 Resp: 175420

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

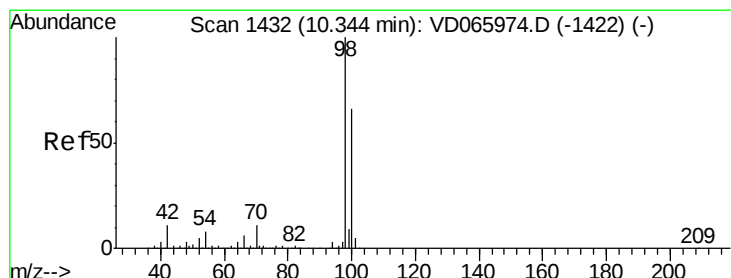
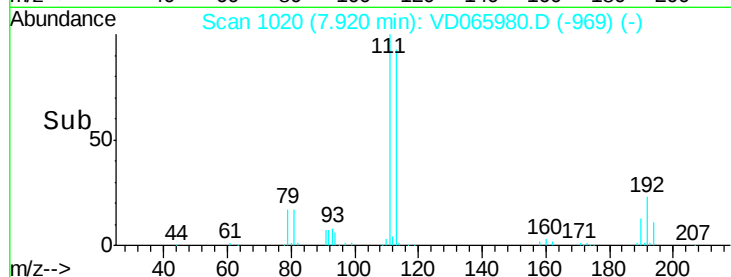
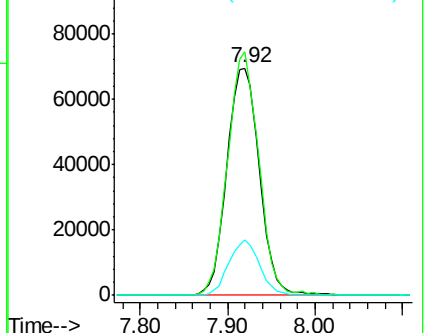
192 23.0 18.7 28.1



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: 52.863 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065980.D

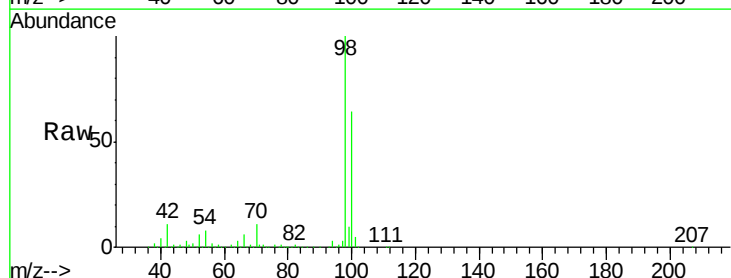
Acq: 21 Jul 2020 15:17

Tgt Ion: 98 Resp: 694923

Ion Ratio Lower Upper

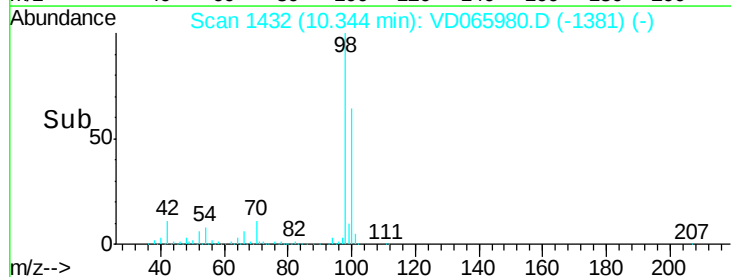
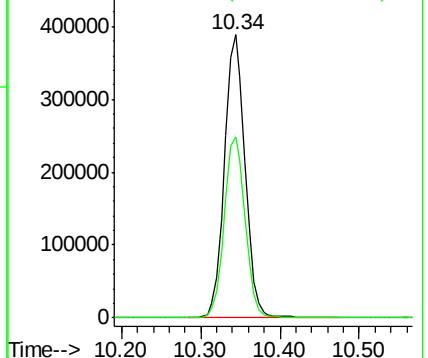
98 100

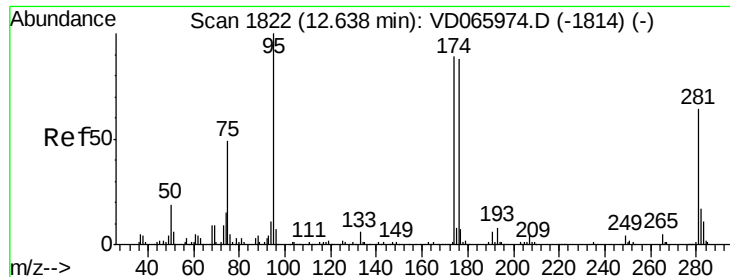
100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

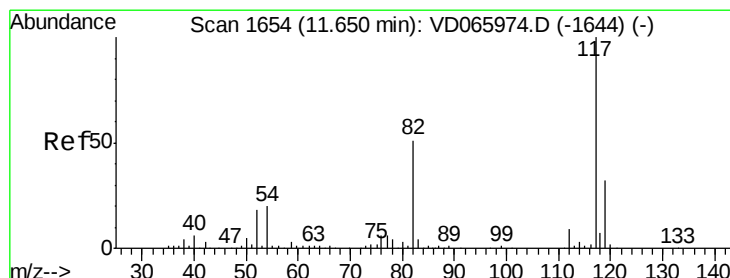
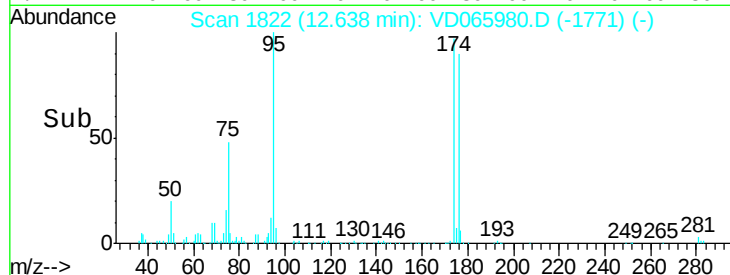
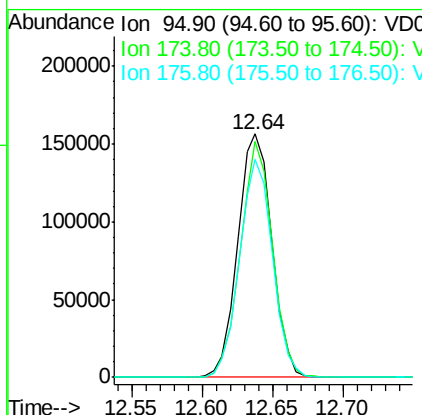
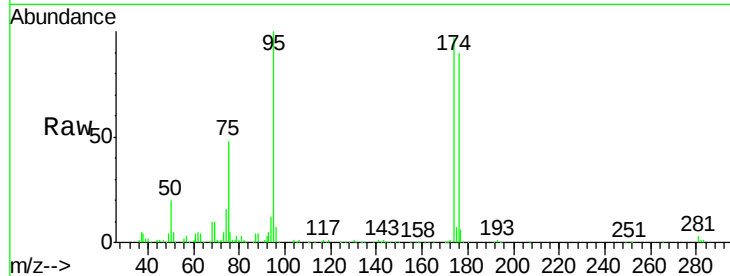




#62
4-Bromofluorobenzene
Concen: 57.747 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065980.D
Acq: 21 Jul 2020 15:17

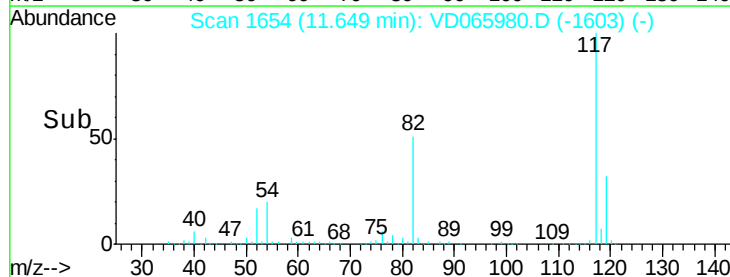
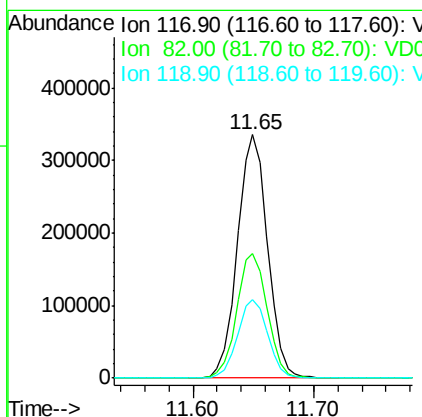
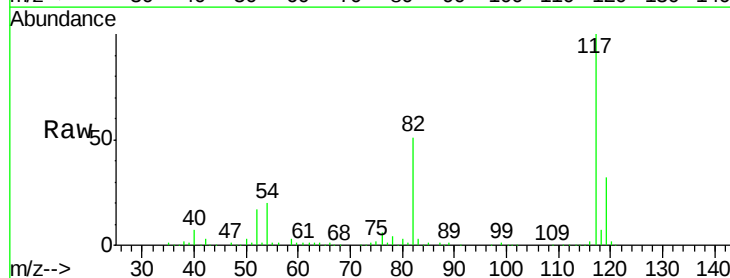
Instrument :
MSVOA_D
ClientSampleId :
TR-04-071620

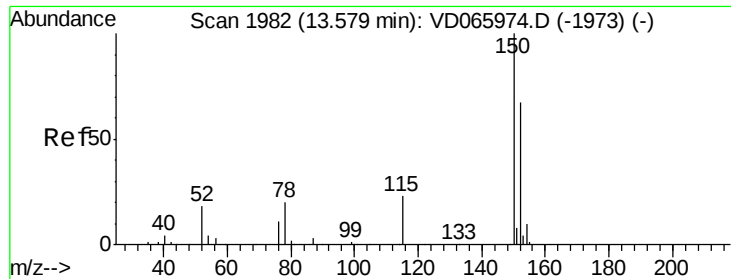
Tot Ion: 95 Resp: 263215
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.8
176 86.9 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065980.D
Acq: 21 Jul 2020 15:17

Tgt Ion: 117 Resp: 583737
Ion Ratio Lower Upper
117 100
82 51.1 41.1 61.7
119 32.2 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: VD065980.D

Acq: 21 Jul 2020 15:17

Instrument :

MSVOA_D

ClientSampleId :

TR-04-071620

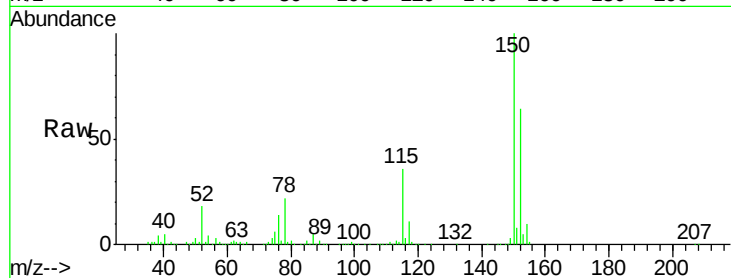
Tot Ion:152 Resp: 296639

Ion Ratio Lower Upper

152 100

115 54.2 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

