

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065967.D
 Acq On : 16 Jul 2020 19:51
 Operator : VA/SY
 Sample : L3308-07
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 7

Quant Time: Jul 17 04:47:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

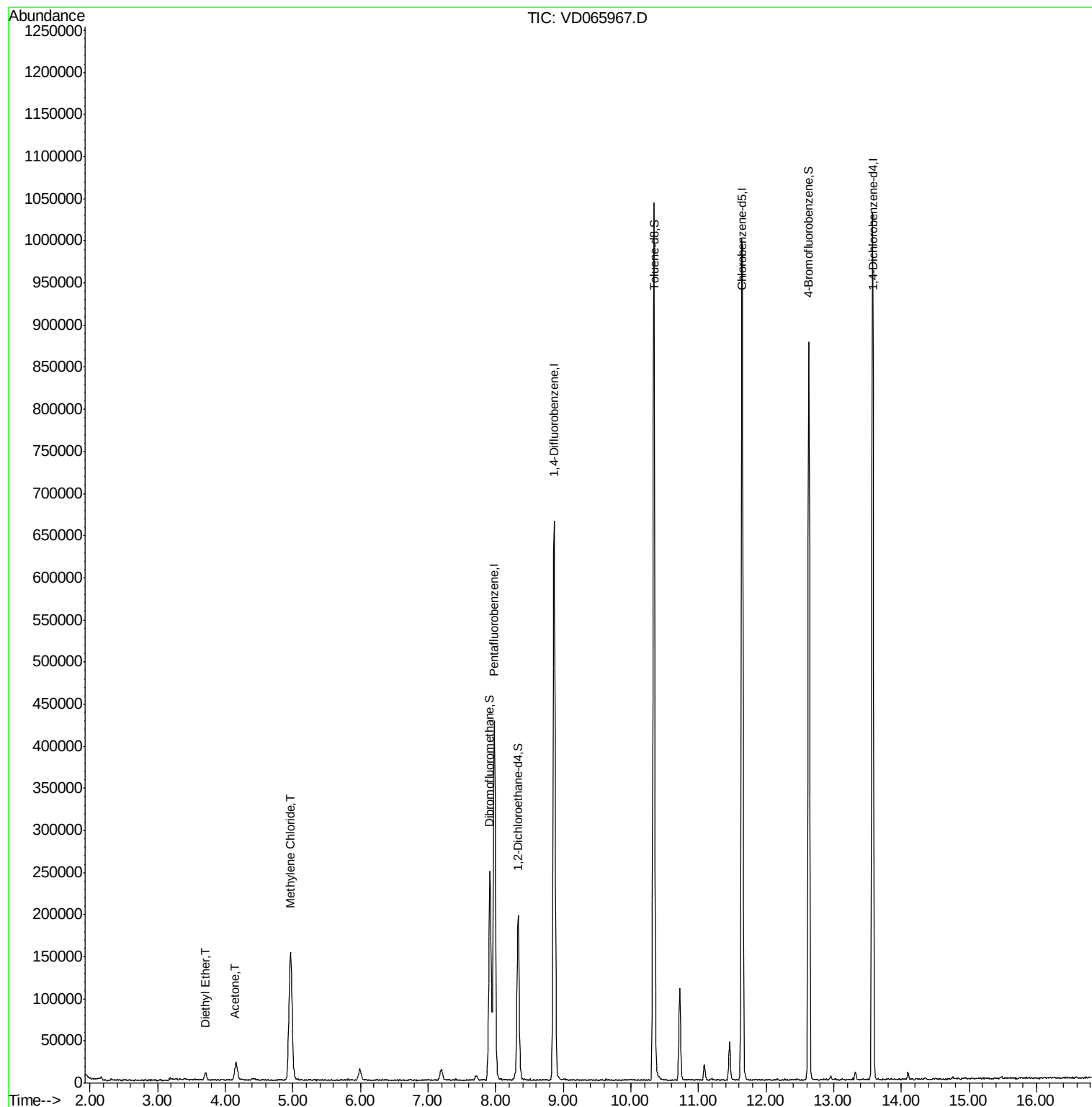
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	340709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	599486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	609431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156409	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	7.91	113	183130	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	10.34	98	719182	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.63	95	264520	57.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.18%	
Target Compounds						
8) Diethyl Ether	3.70	74	5129	3.164	ug/l	91
16) Acetone	4.15	43	39110	55.268	ug/l #	89
20) Methylene Chloride	4.96	84	121221	27.101	ug/l	95

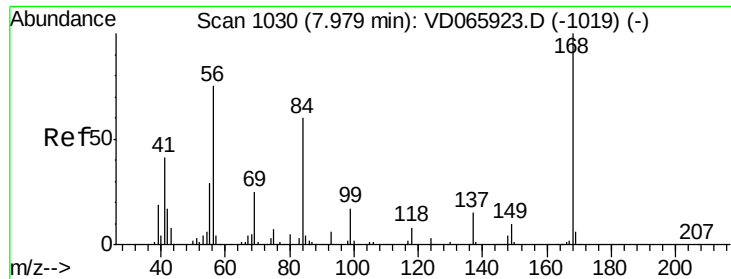
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

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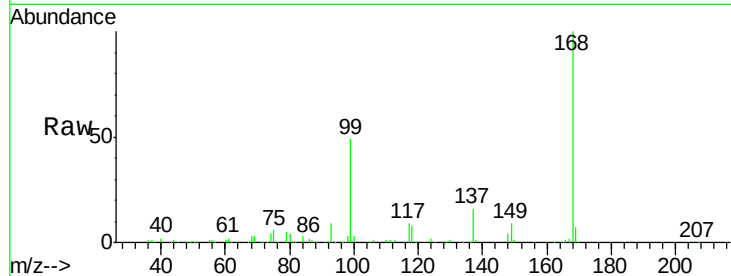
Instrument :
MSVOA_D
ClientSampleId :
7

Tot Ion:168 Resp: 340709

Ion Ratio Lower Upper

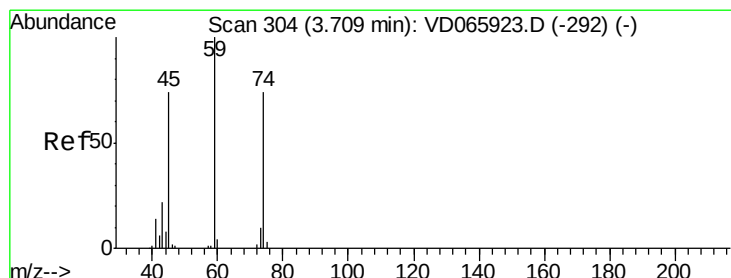
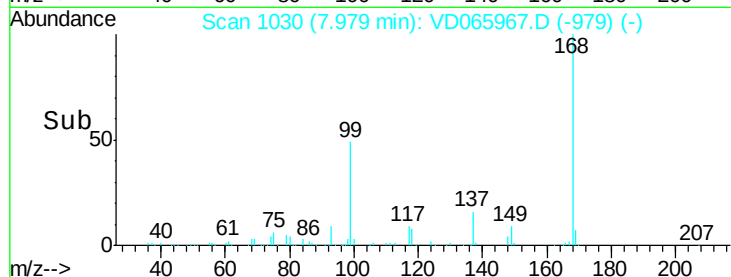
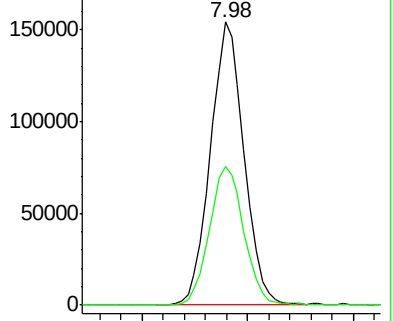
168 100

99 48.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 3.164 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD065967.D

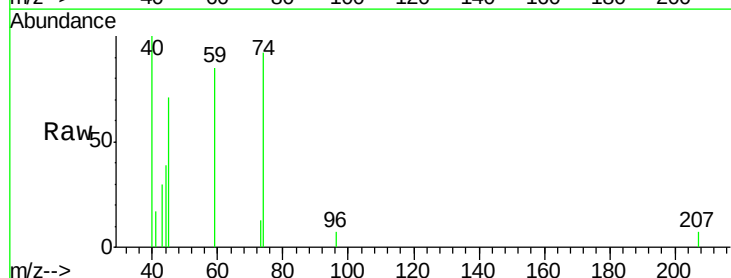
Acq: 16 Jul 2020 19:51

Tgt Ion: 74 Resp: 5129

Ion Ratio Lower Upper

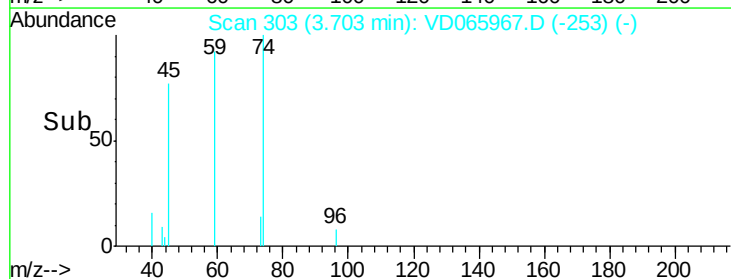
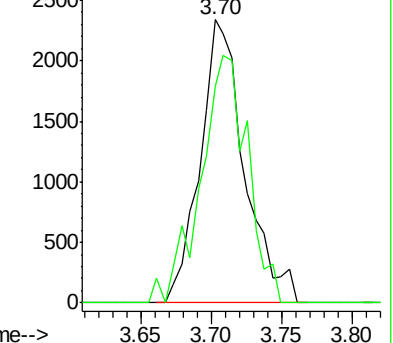
74 100

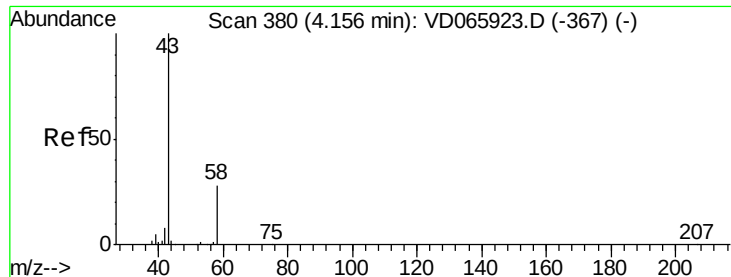
45 92.7 51.1 153.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#16

Acetone

Concen: 55.268 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065967.D

Acq: 16 Jul 2020 19:51

Instrument :

MSVOA_D

ClientSampleId :

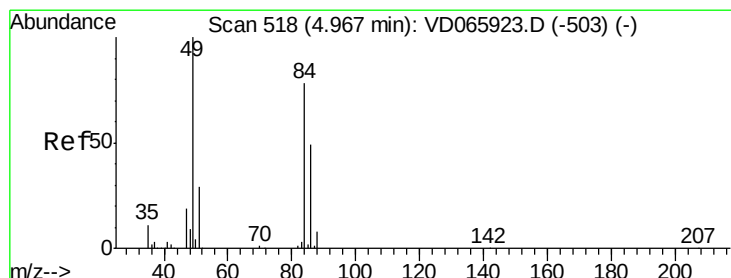
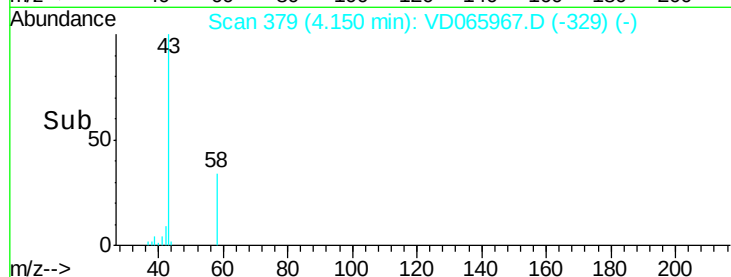
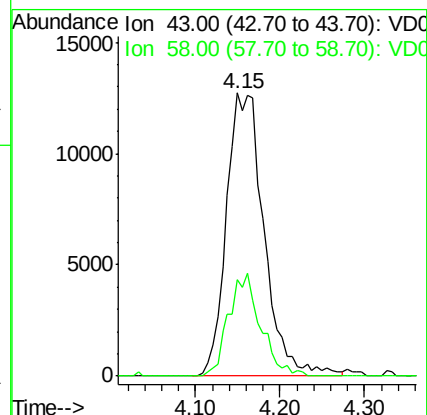
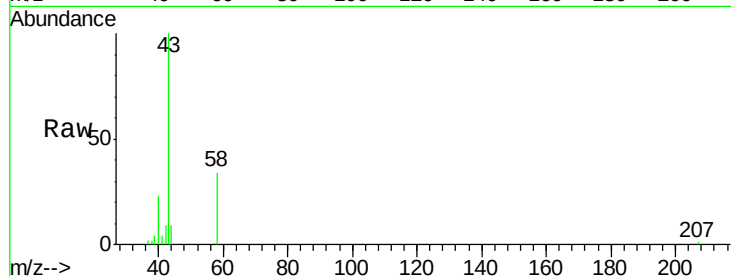
7

Tot Ion: 43 Resp: 39110

Ion Ratio Lower Upper

43 100

58 34.3 22.7 34.1#



#20

Methylene Chloride

Concen: 27.101 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065967.D

Acq: 16 Jul 2020 19:51

Tgt Ion: 84 Resp: 121221

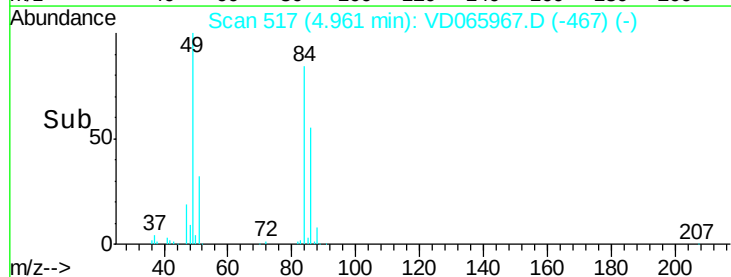
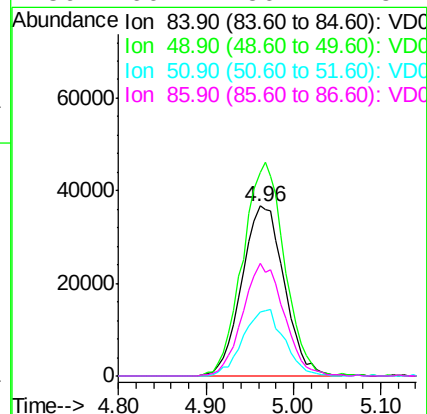
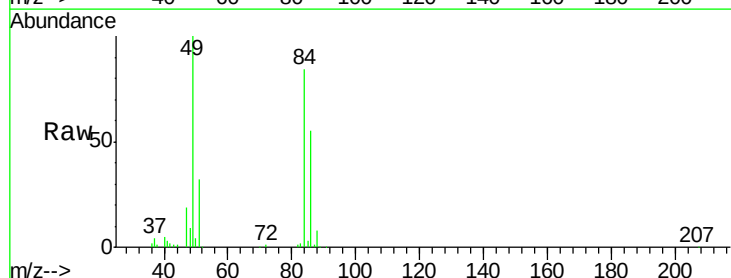
Ion Ratio Lower Upper

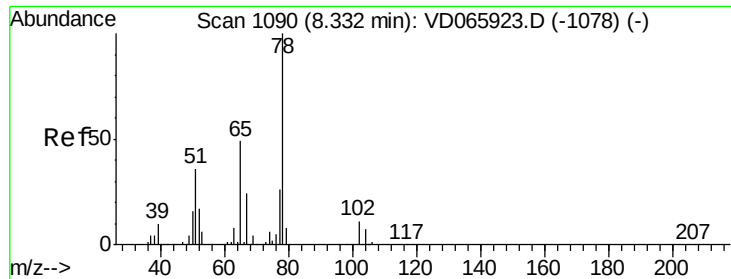
84 100

49 119.7 102.2 153.2

51 37.8 29.8 44.6

86 66.2 50.2 75.2

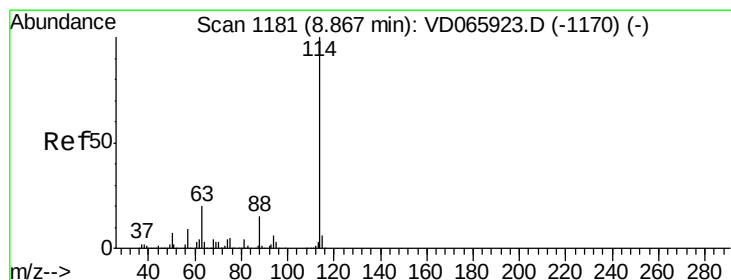
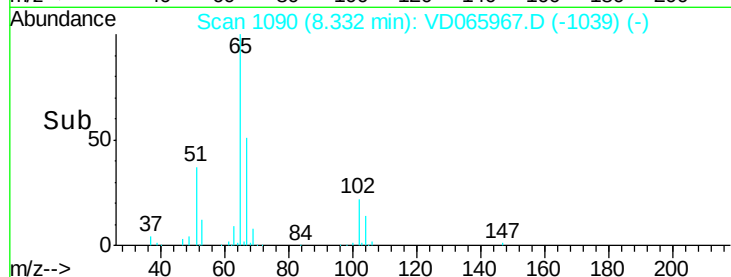
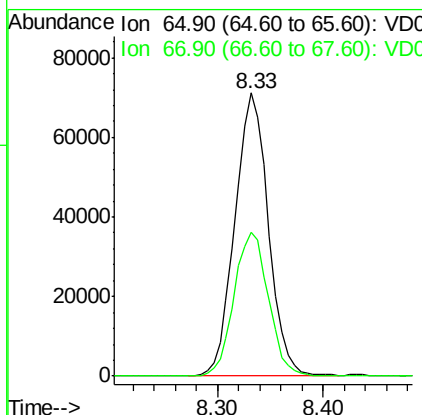
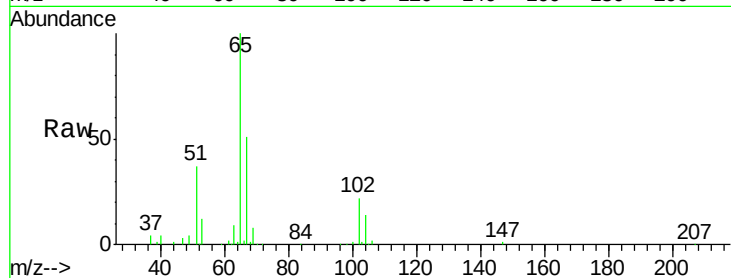




#33
 1,2-Dichloroethane-d4
 Concen: 51.801 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065967.D
 Acq: 16 Jul 2020 19:51

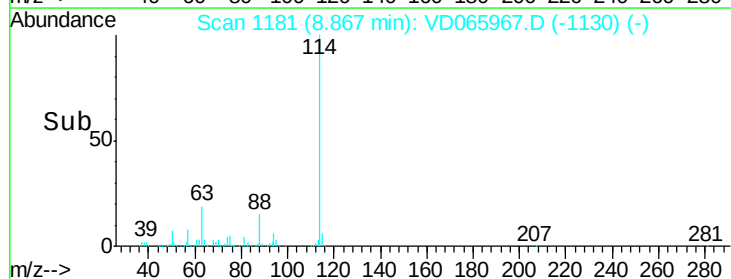
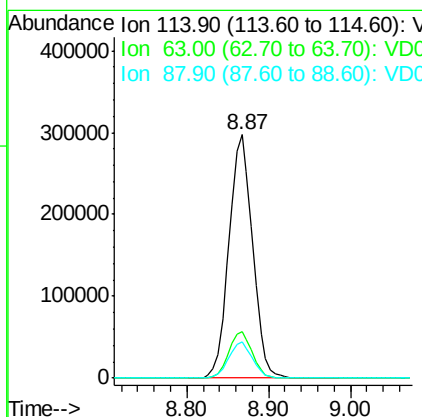
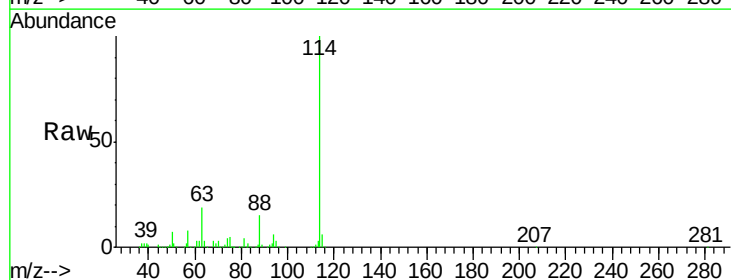
Instrument :
 MSVOA_D
 ClientSampled :
 7

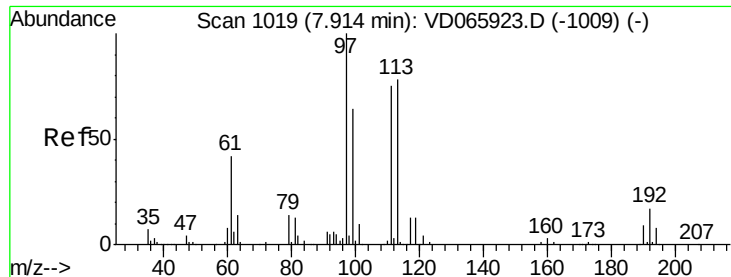
Tot Ion: 65 Resp: 156409
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065967.D
 Acq: 16 Jul 2020 19:51

Tgt Ion: 114 Resp: 599486
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 14.9 0.0 30.0

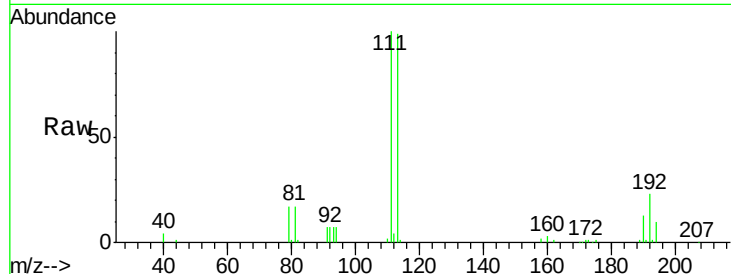




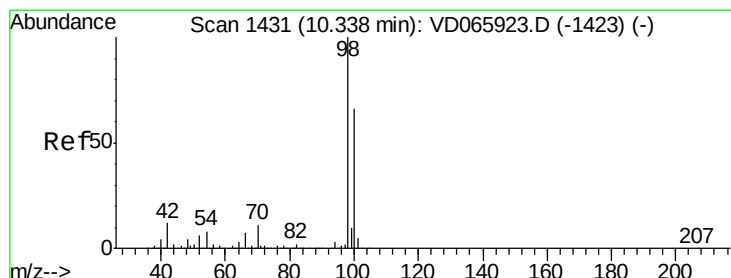
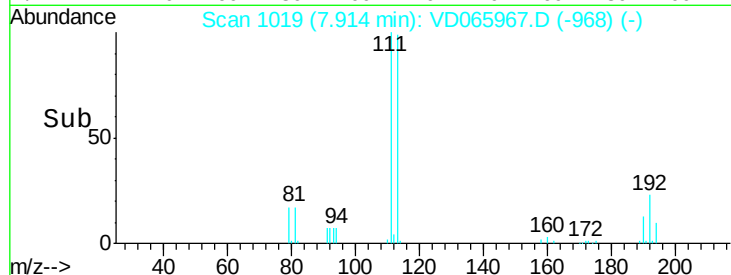
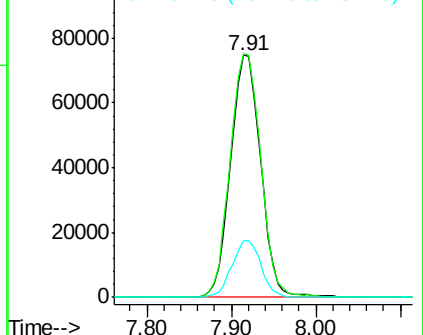
#35
 Dibromofluoromethane
 Concen: 49.519 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065967.D
 Acq: 16 Jul 2020 19:51

Instrument :
 MSVOA_D
 ClientSampleId :
 7

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.9	121.3
192	22.5	17.1	25.7

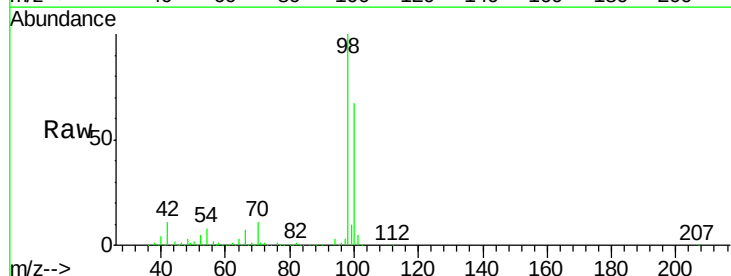


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

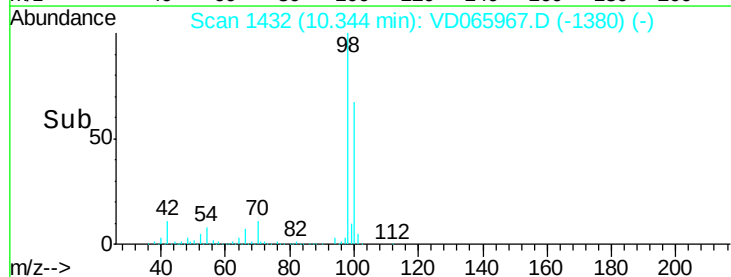
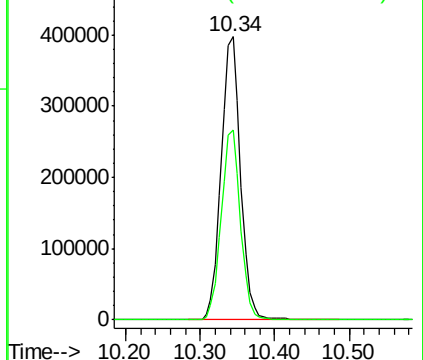


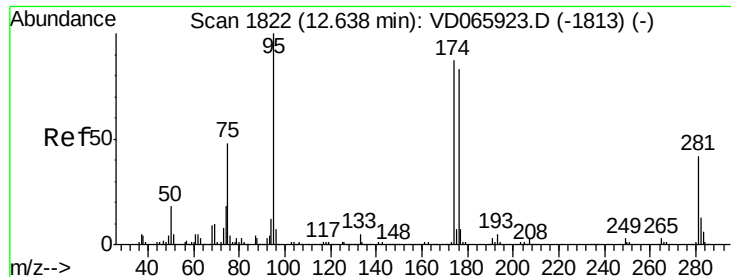
#50
 Toluene-d8
 Concen: 53.299 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD065967.D
 Acq: 16 Jul 2020 19:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7



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

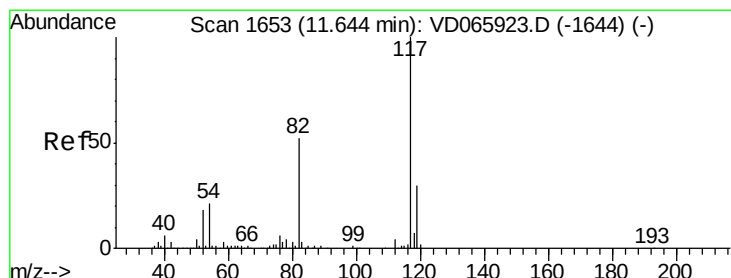
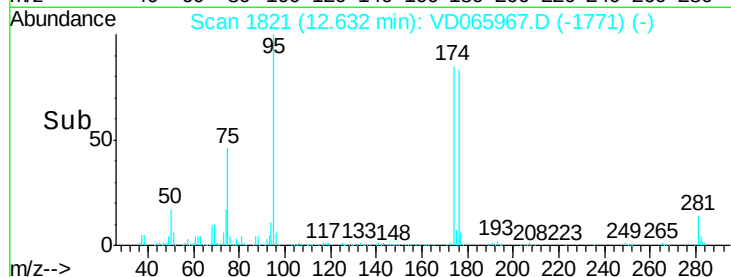
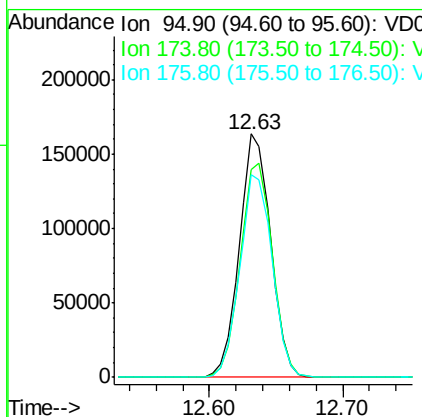
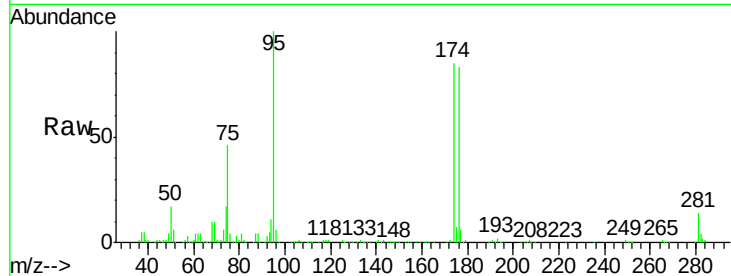




#62
4-Bromofluorobenzene
Concen: 57.087 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065967.D
Acq: 16 Jul 2020 19:51

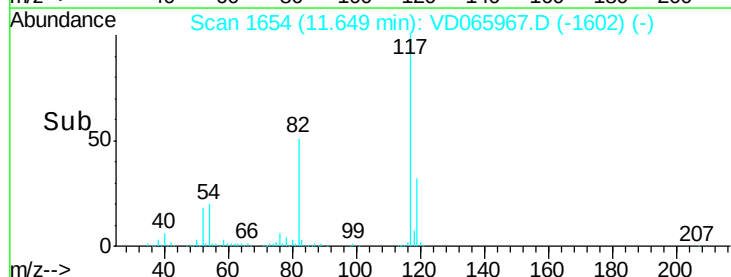
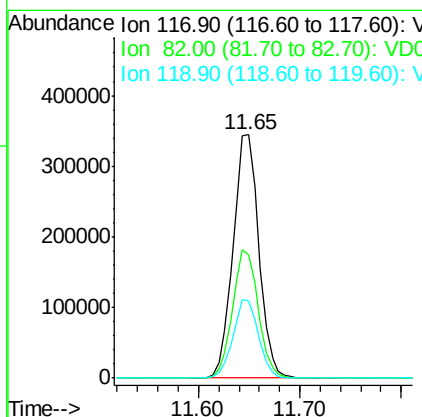
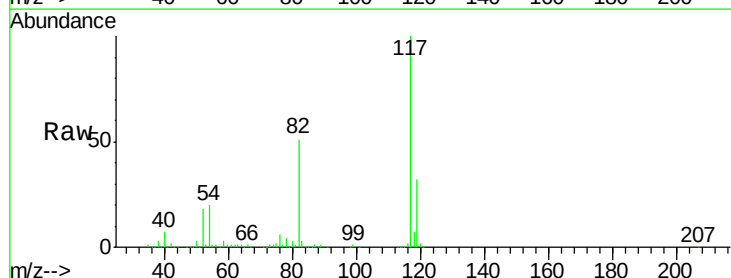
Instrument :
MSVOA_D
ClientSampled :
7

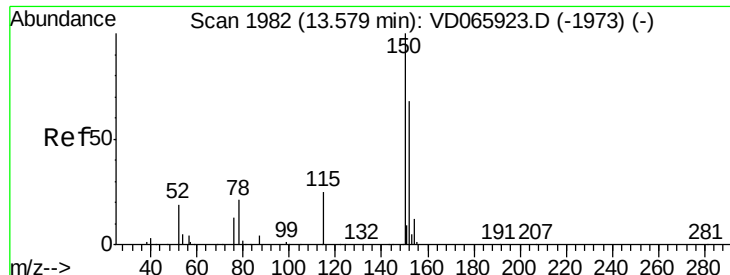
Tot Ion: 95 Resp: 264520
Ion Ratio Lower Upper
95 100
174 90.4 0.0 169.4
176 85.7 0.0 164.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065967.D
Acq: 16 Jul 2020 19:51

Tgt Ion: 117 Resp: 609431
Ion Ratio Lower Upper
117 100
82 50.8 41.8 62.8
119 31.9 24.3 36.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065967.D

Acq: 16 Jul 2020 19:51

Instrument :

MSVOA_D

ClientSampleId :

7

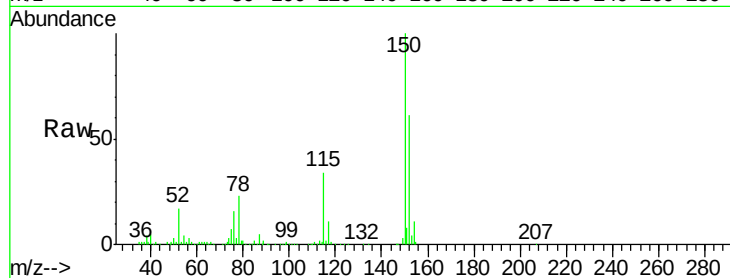
Tot Ion:152 Resp: 290015

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

150 158.9 0.0 347.2



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

