

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065964.D
 Acq On : 16 Jul 2020 18:29
 Operator : VA/SY
 Sample : L3308-04
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 4

Quant Time: Jul 17 04:30:31 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

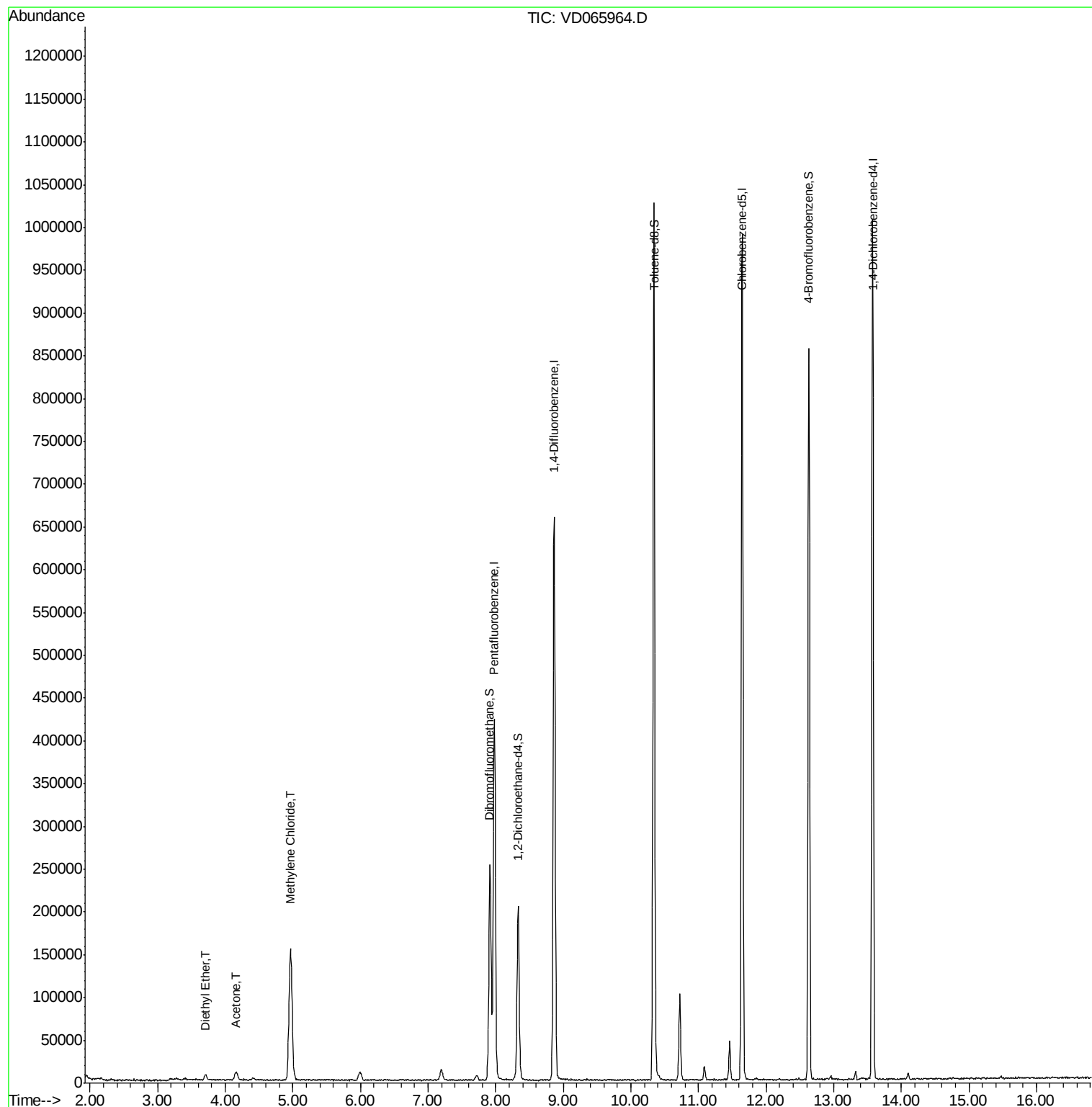
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	341079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	595391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	590375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	283810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	154640	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	7.91	113	185830	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.34	98	709710	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.63	95	266599	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
Target Compounds						
8) Diethyl Ether	3.71	74	3540	2.181	ug/l	98
16) Acetone	4.16	43	18162	25.638	ug/l	94
20) Methylene Chloride	4.97	84	120979	26.985	ug/l	97

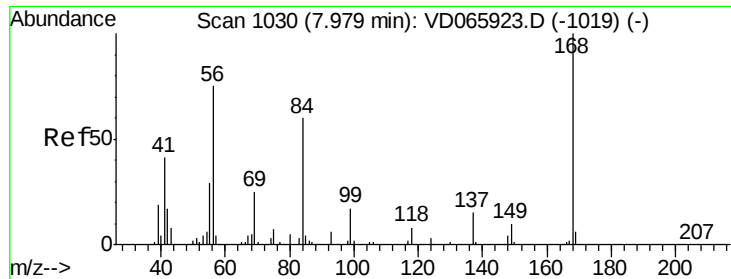
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065964.D

Acq: 16 Jul 2020 18:29

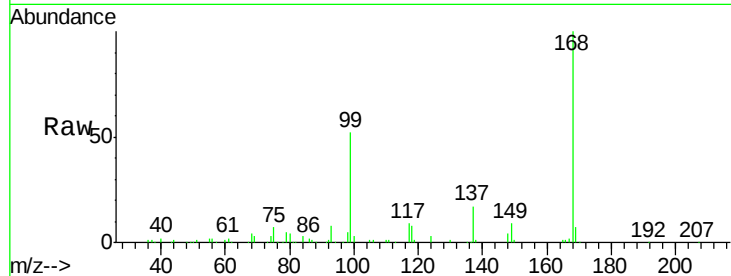
Instrument :
MSVOA_D
ClientSampled :
4

Tot Ion:168 Resp: 341079

Ion Ratio Lower Upper

168 100

99 52.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

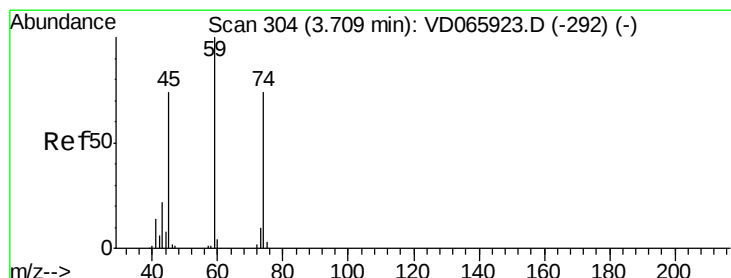
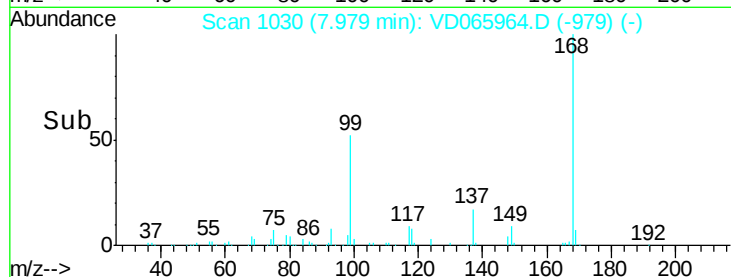
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.181 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD065964.D

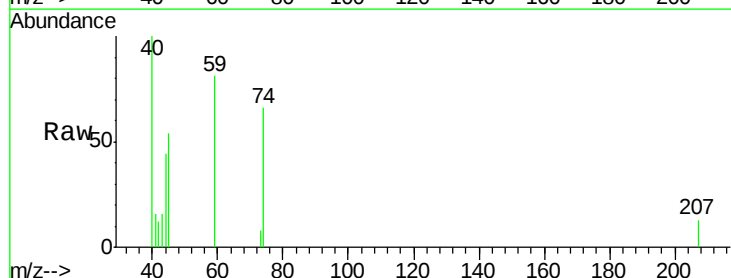
Acq: 16 Jul 2020 18:29

Tgt Ion: 74 Resp: 3540

Ion Ratio Lower Upper

74 100

45 104.1 51.1 153.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

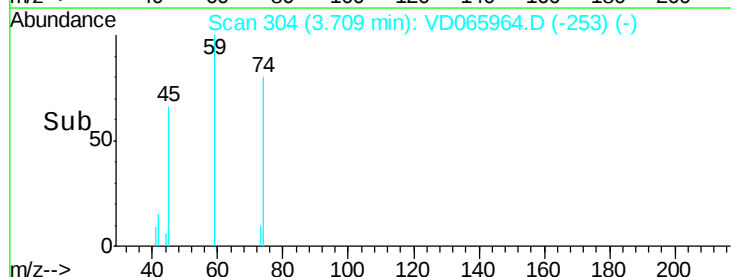
1500

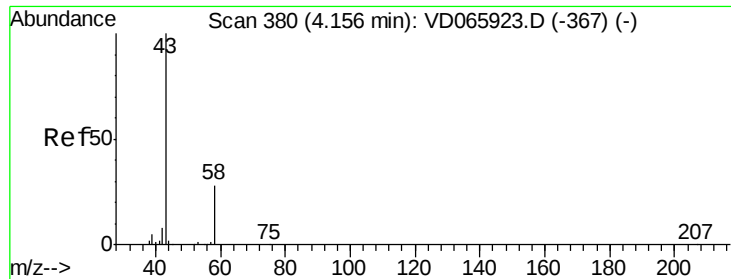
1000

500

0

Time-->





#16

Acetone

Concen: 25.638 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065964.D

Acq: 16 Jul 2020 18:29

Instrument :

MSVOA_D

ClientSampled :

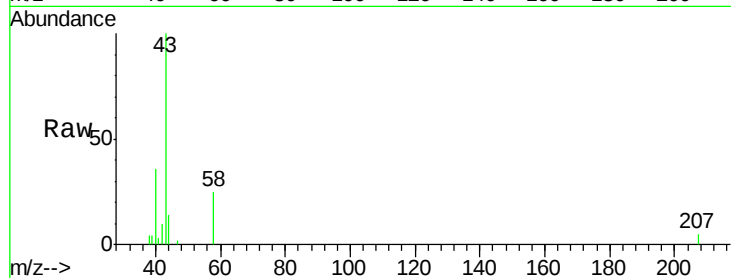
4

Tot Ion: 43 Resp: 18162

Ion Ratio Lower Upper

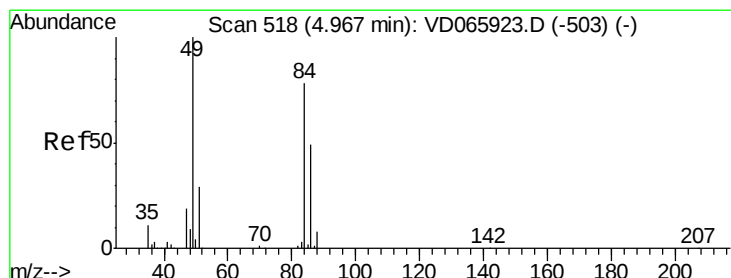
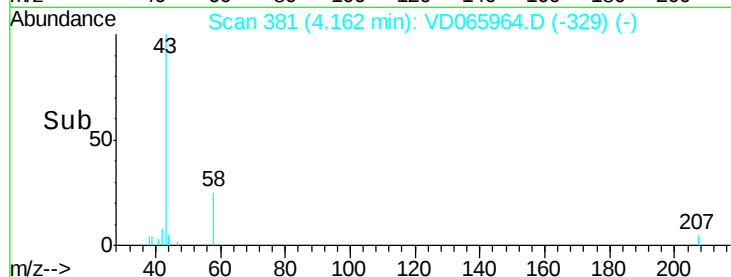
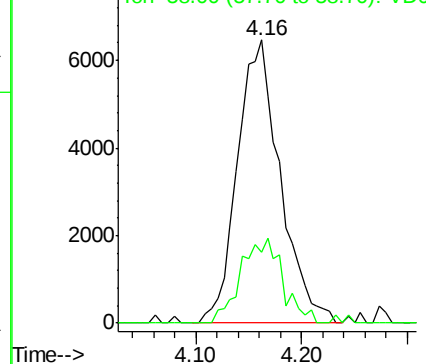
43 100

58 25.0 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 26.985 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065964.D

Acq: 16 Jul 2020 18:29

Tgt Ion: 84 Resp: 120979

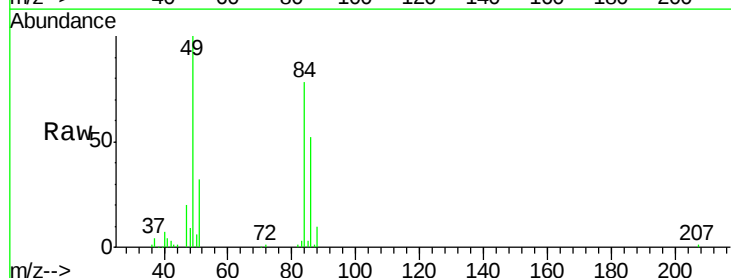
Ion Ratio Lower Upper

84 100

49 128.7 102.2 153.2

51 40.6 29.8 44.6

86 67.4 50.2 75.2

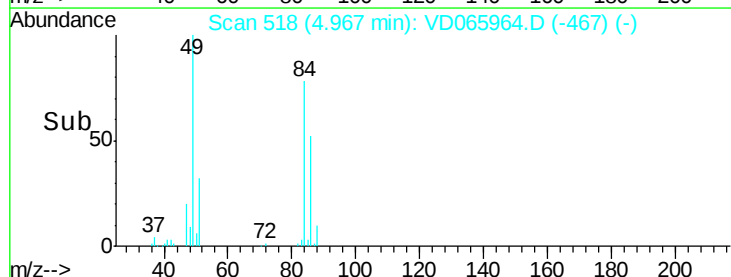
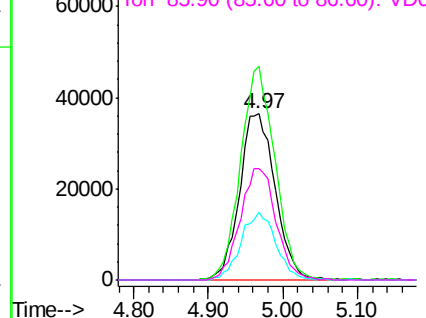


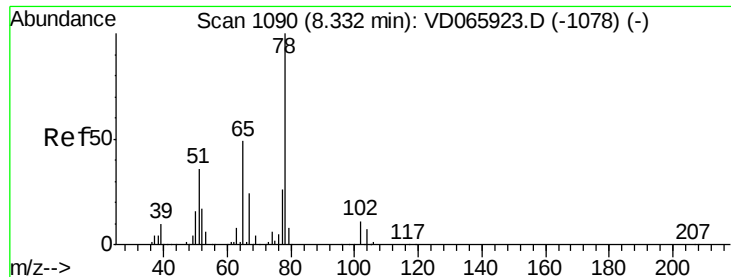
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

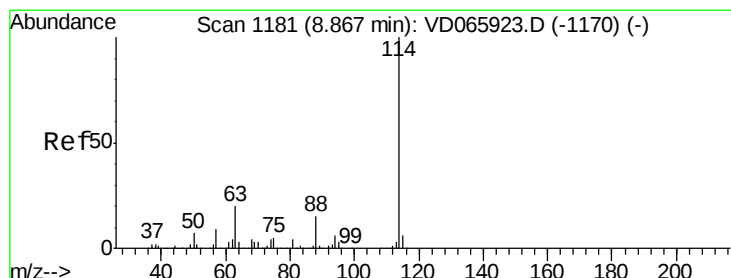
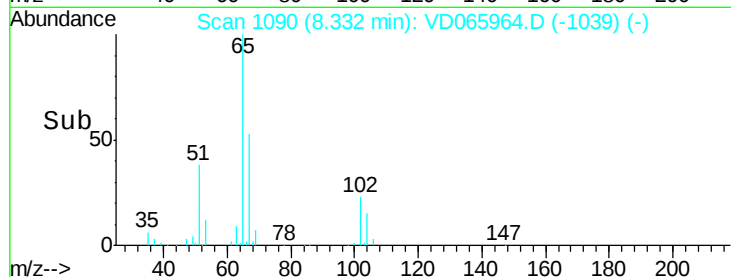
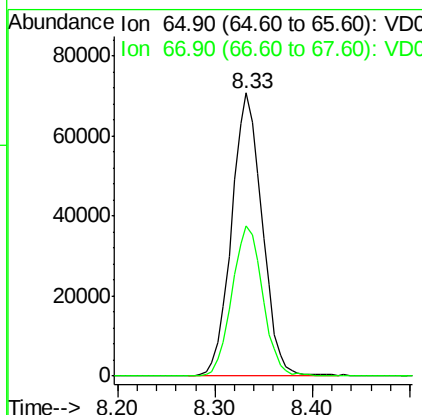
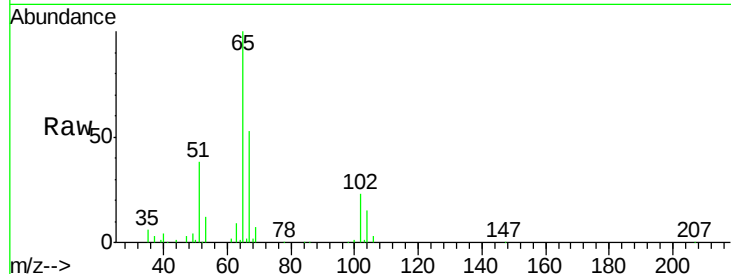




#33
 1,2-Dichloroethane-d4
 Concen: 51.159 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

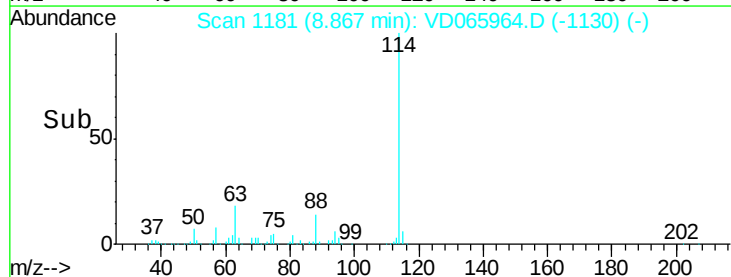
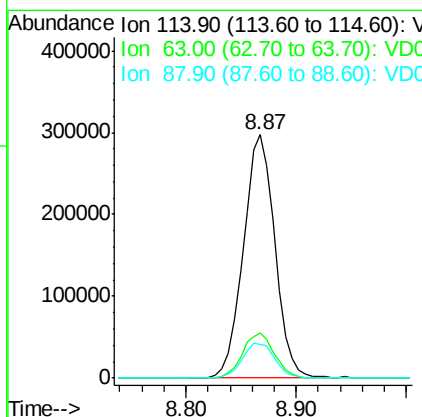
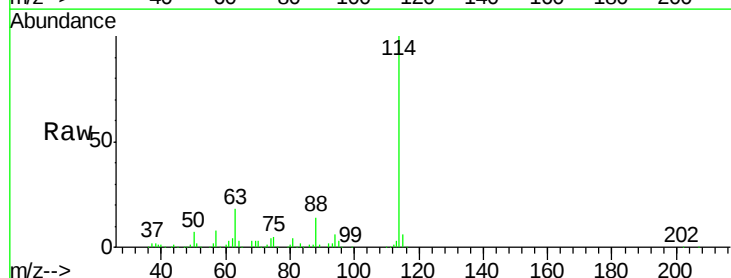
Instrument :
 MSVOA_D
 ClientSampleId :
 4

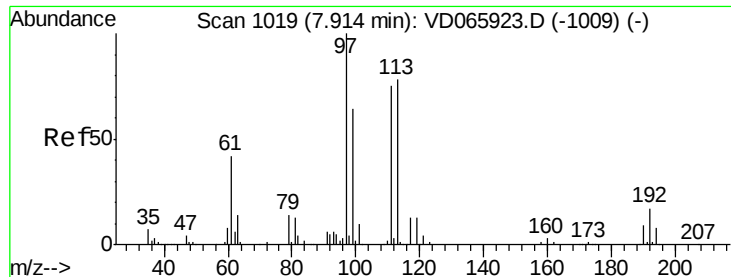
Tot Ion: 65 Resp: 154640
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

Tgt Ion: 114 Resp: 595391
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.1 0.0 30.0

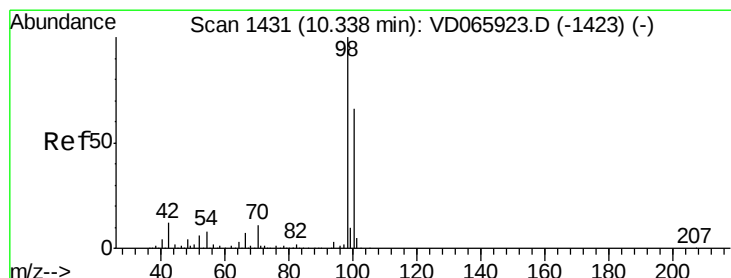
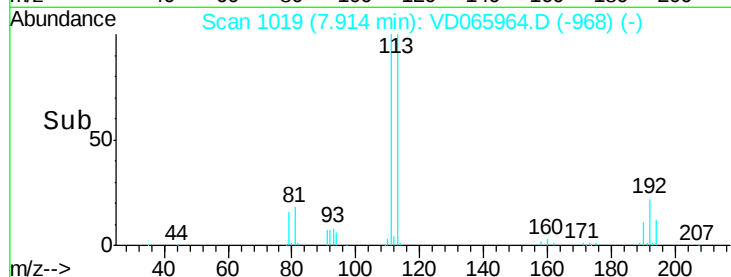
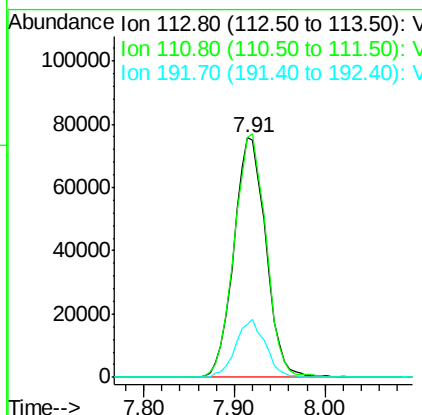
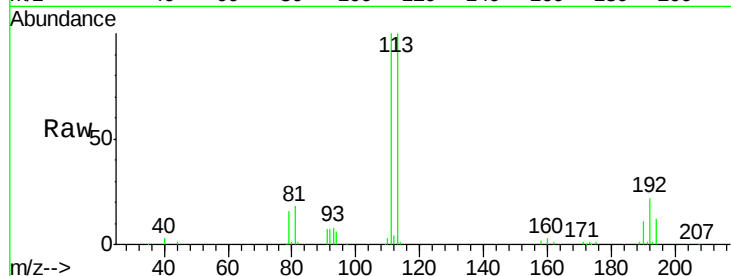




#35
Dibromofluoromethane
Concen: 50.595 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD065964.D
Acq: 16 Jul 2020 18:29

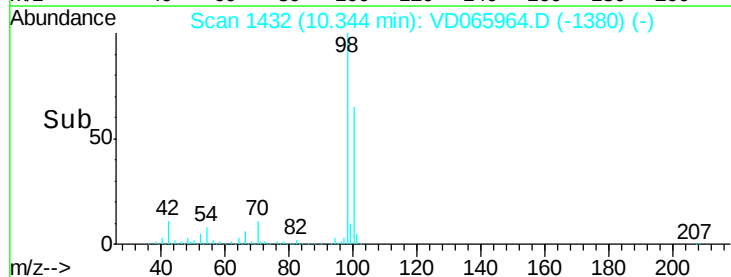
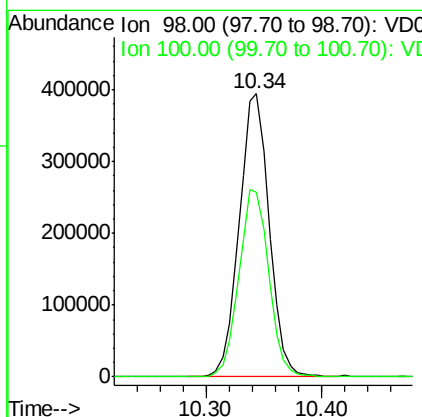
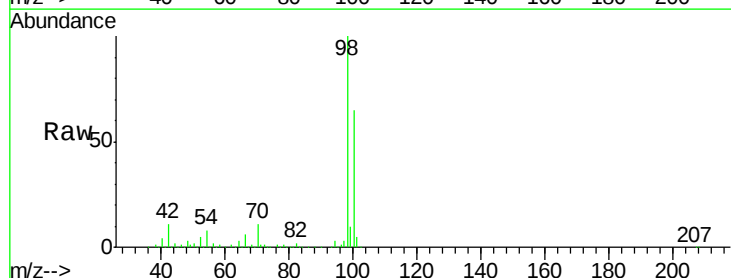
Instrument :
MSVOA_D
ClientSampleId :
4

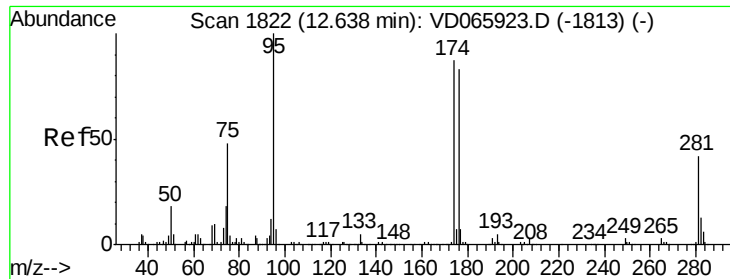
Tot Ion:113 Resp: 185830
Ion Ratio Lower Upper
113 100
111 100.8 80.9 121.3
192 22.5 17.1 25.7



#50
Toluene-d8
Concen: 52.959 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065964.D
Acq: 16 Jul 2020 18:29

Tgt Ion: 98 Resp: 709710
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

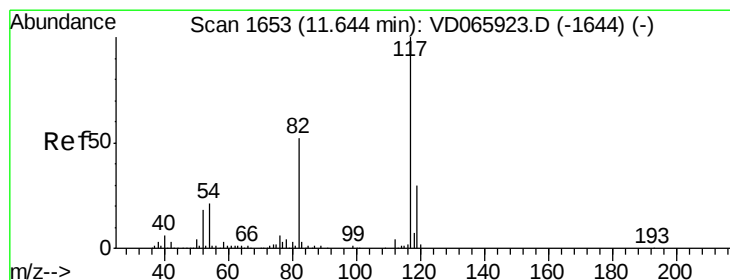
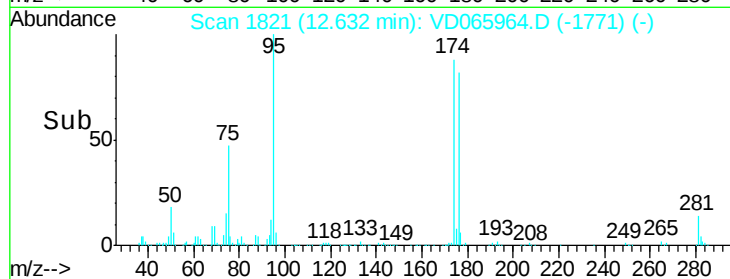
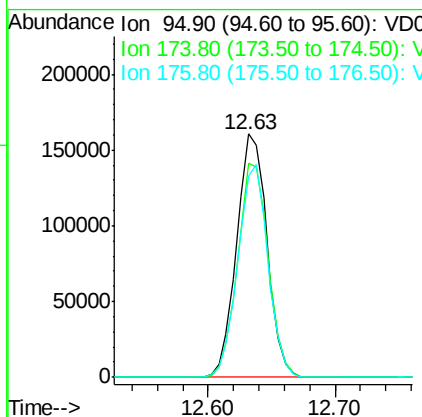
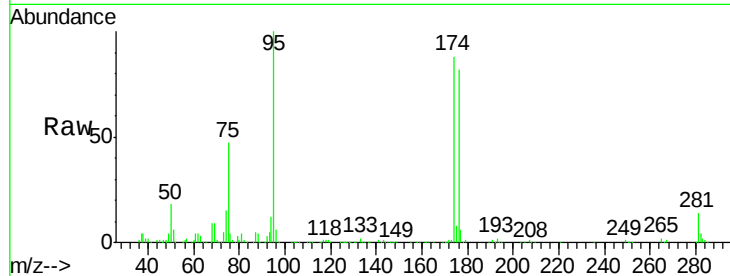




#62
4-Bromofluorobenzene
Concen: 57.931 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065964.D
Acq: 16 Jul 2020 18:29

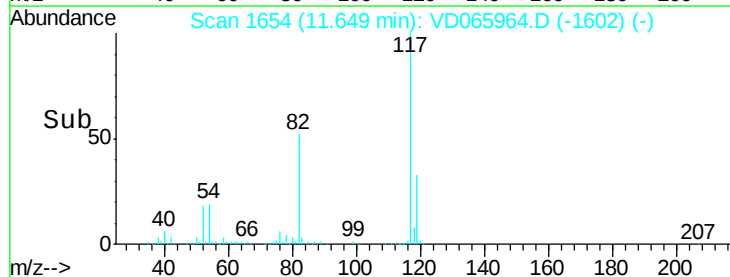
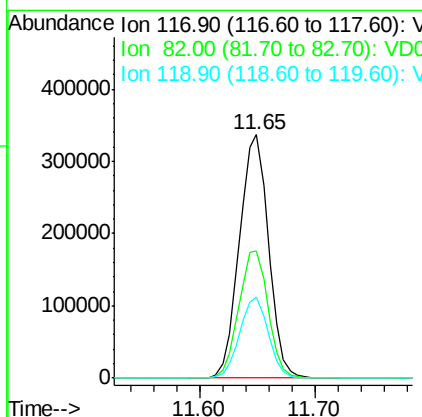
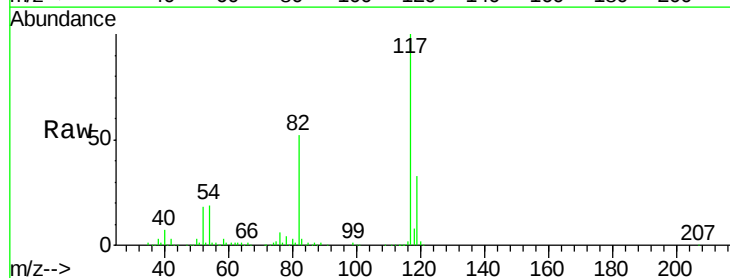
Instrument :
MSVOA_D
ClientSampleId :
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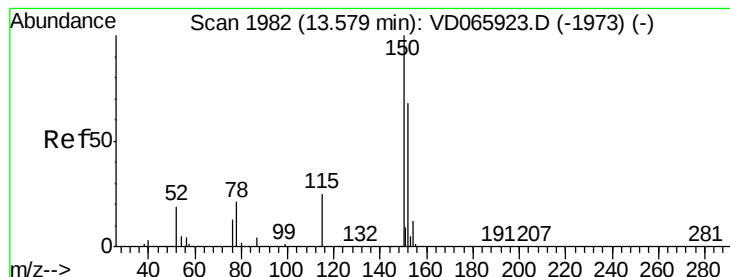
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	169.4
176	86.4	0.0	164.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065964.D
Acq: 16 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	33.1	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: VD065964.D

Acq: 16 Jul 2020 18:29

Instrument :

MSVOA_D

ClientSampleId :

4

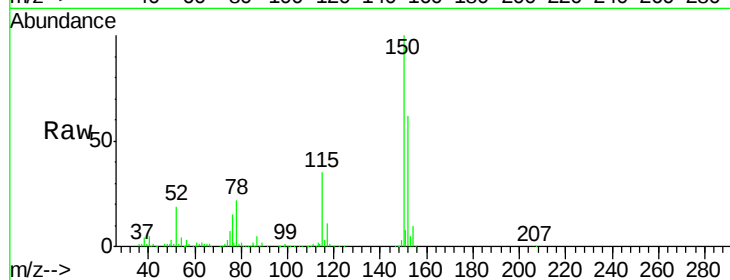
Tot Ion:152 Resp: 283810

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.3

150 158.5 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

