

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065983.D
 Acq On : 21 Jul 2020 16:39
 Operator : VA/SY
 Sample : L3308-09
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 9

Quant Time: Jul 21 17:11:04 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

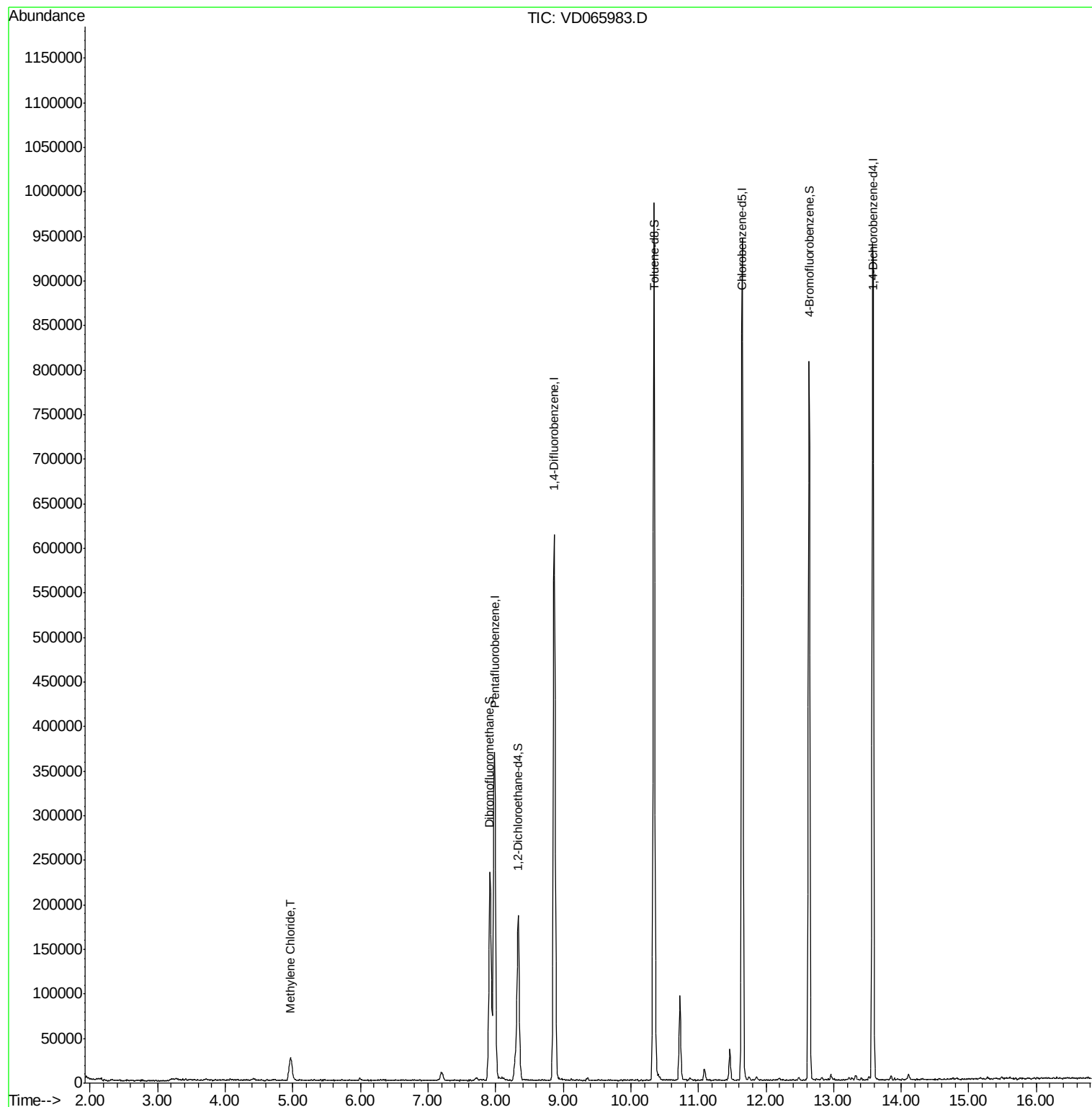
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	307140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	561406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	557578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	268035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	144734	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
35) Dibromofluoromethane	7.92	113	170882	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.34	98	663846	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.64	95	243223	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
Target Compounds						
20) Methylene Chloride	4.97	84	20866	4.778	ug/l #	Qvalue 85

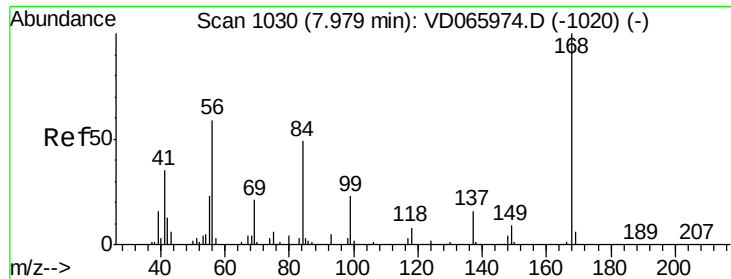
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065983.D

Acq: 21 Jul 2020 16:39

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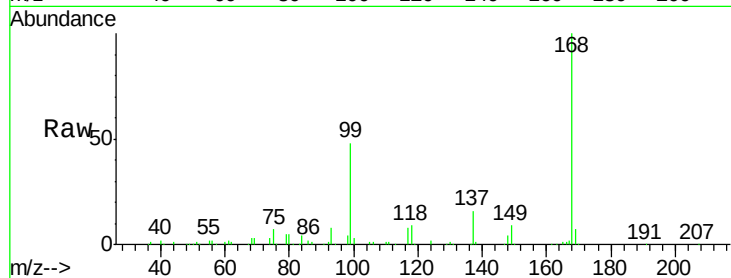
9

Tot Ion:168 Resp: 307140

Ion Ratio Lower Upper

168 100

99 48.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

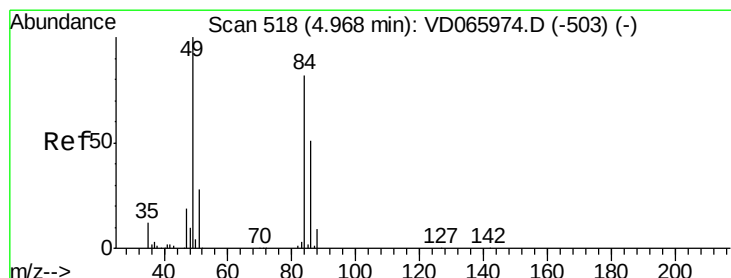
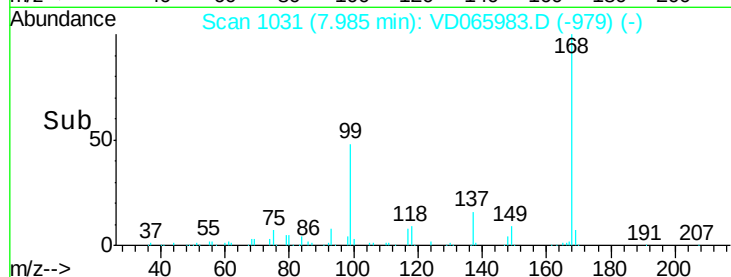
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.778 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065983.D

Acq: 21 Jul 2020 16:39

Tgt Ion: 84 Resp: 20866

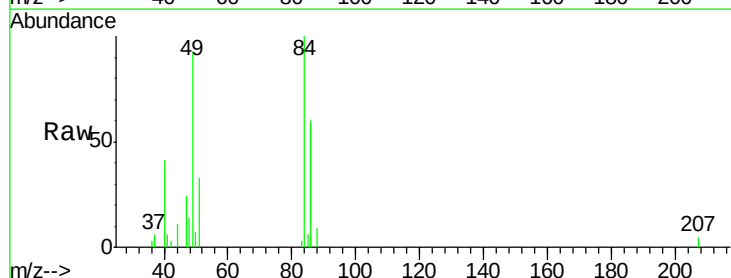
Ion Ratio Lower Upper

84 100

49 93.2 97.7 146.5#

51 32.9 27.4 41.2

86 60.4 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

12000

10000

8000

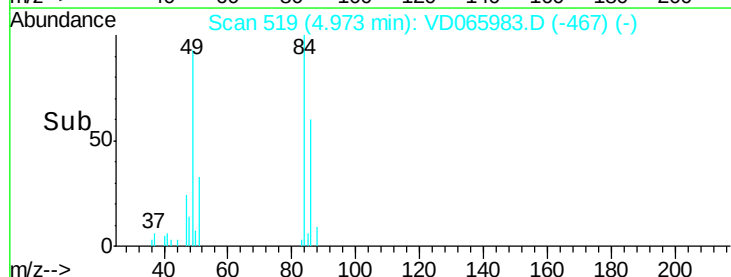
6000

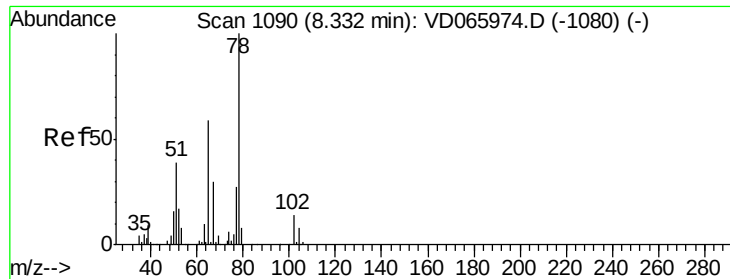
4000

2000

0

Time-->

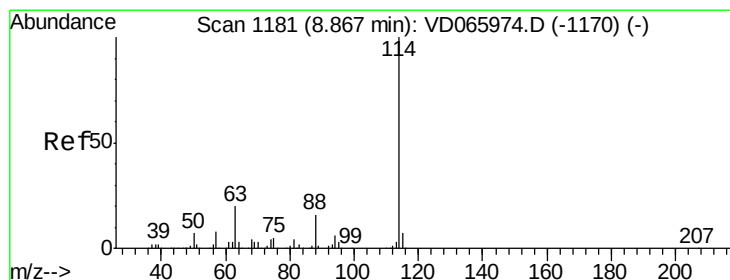
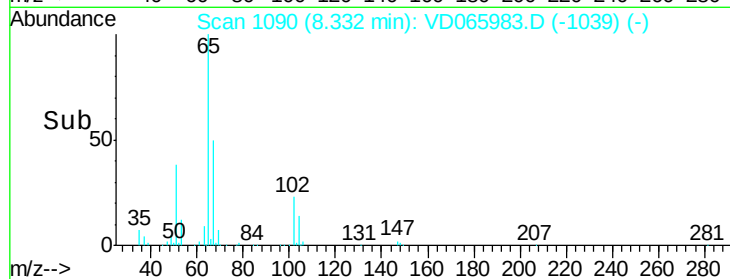
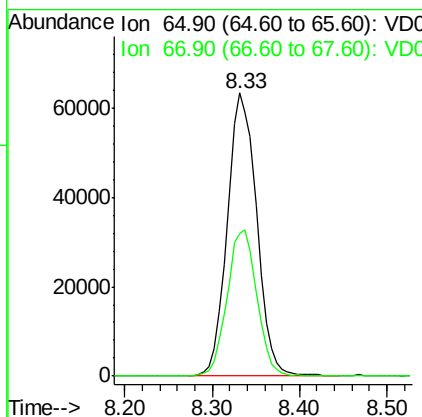
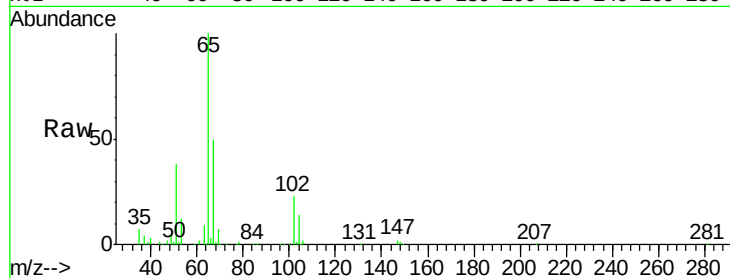




#33
 1,2-Dichloroethane-d4
 Concen: 57.913 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065983.D
 Acq: 21 Jul 2020 16:39

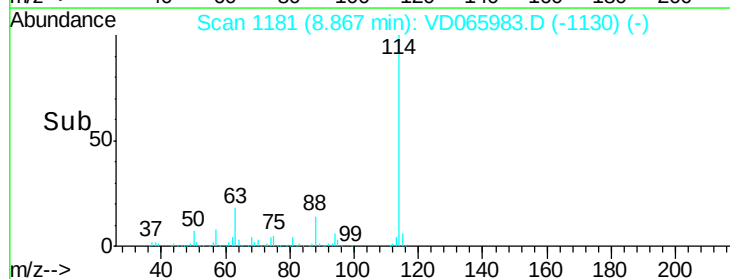
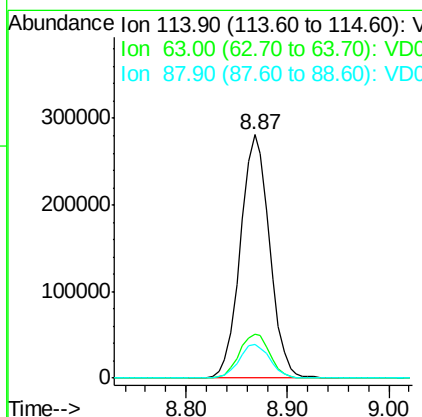
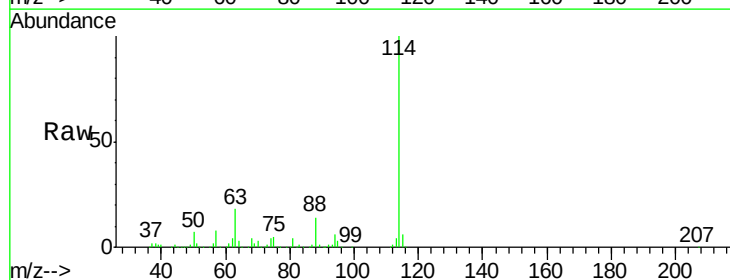
Instrument :
 MSVOA_D
 ClientSampleId :
 9

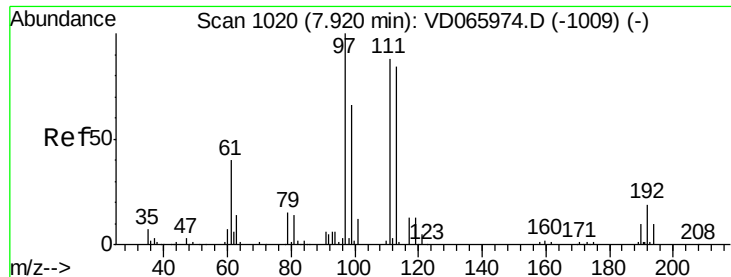
Tot Ion: 65 Resp: 144734
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065983.D
 Acq: 21 Jul 2020 16:39

Tgt Ion: 114 Resp: 561406
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.6
 88 13.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.184 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065983.D

Acq: 21 Jul 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

9

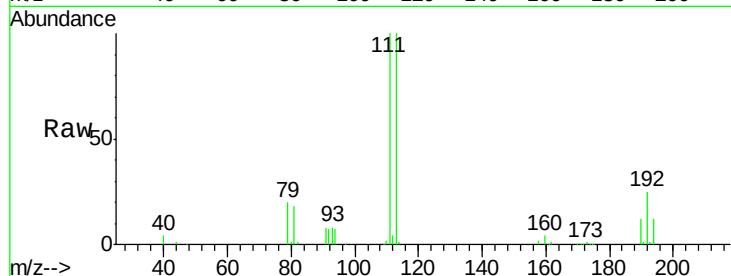
Tot Ion:113 Resp: 170882

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

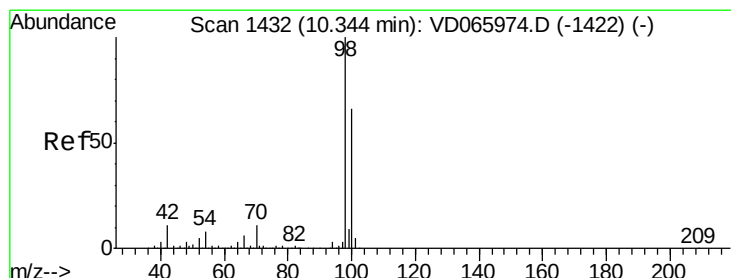
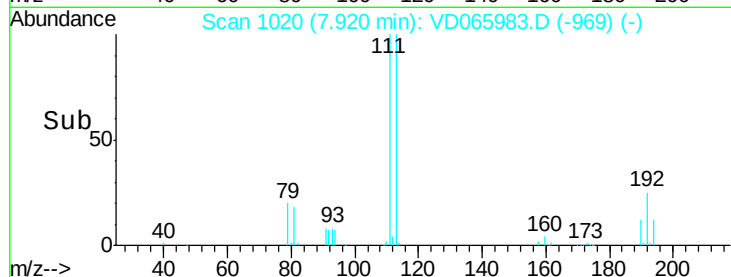
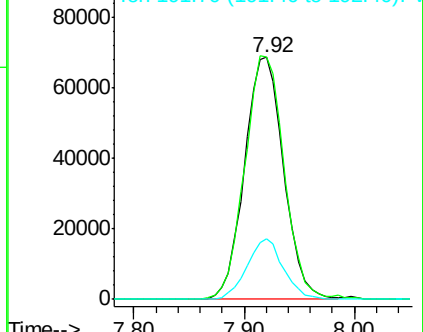
192 23.3 18.7 28.1



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: 52.334 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065983.D

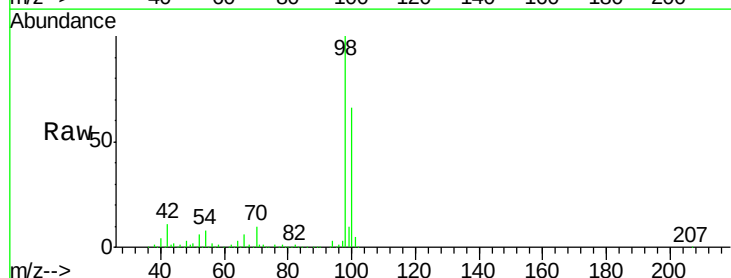
Acq: 21 Jul 2020 16:39

Tgt Ion: 98 Resp: 663846

Ion Ratio Lower Upper

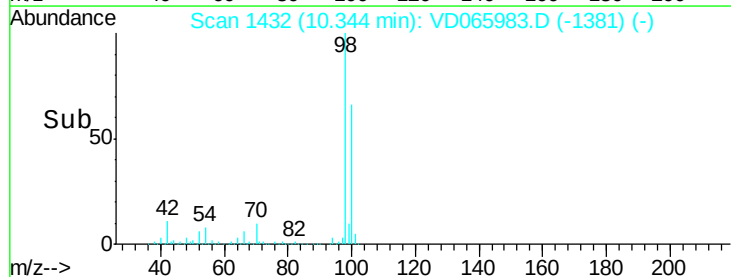
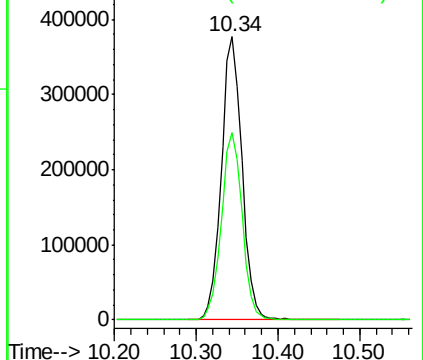
98 100

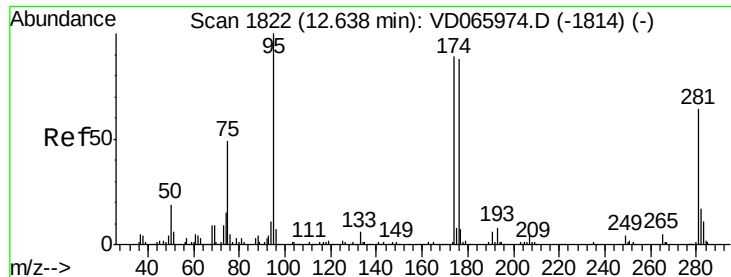
100 66.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

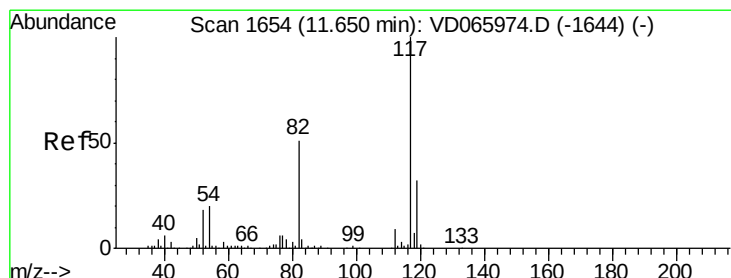
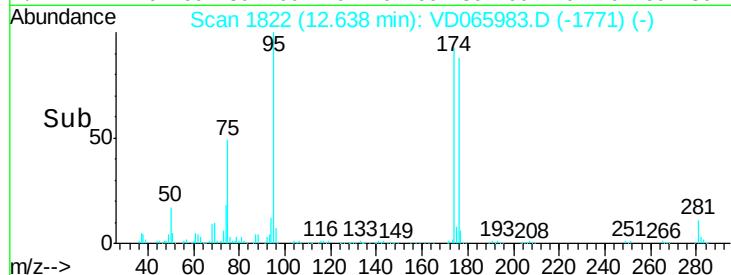
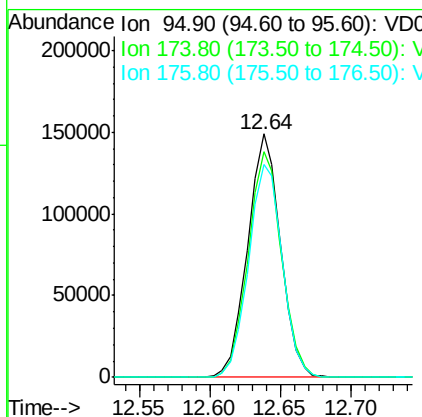
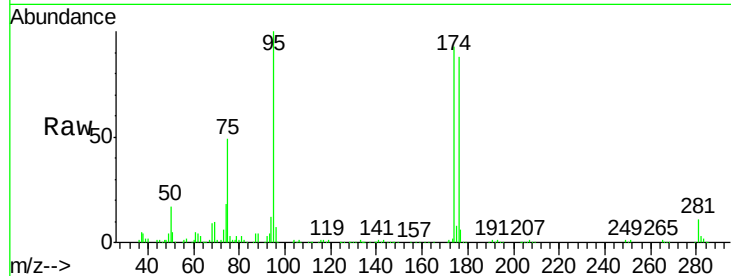




#62
4-Bromofluorobenzene
Concen: 55.299 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065983.D
Acq: 21 Jul 2020 16:39

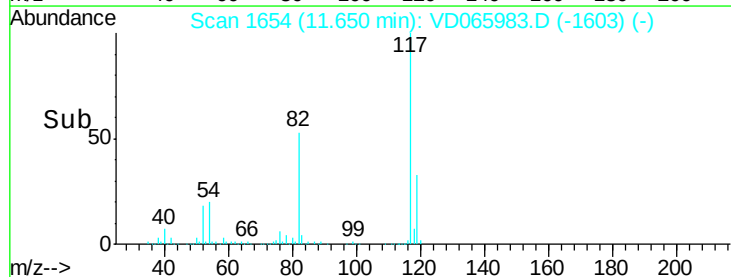
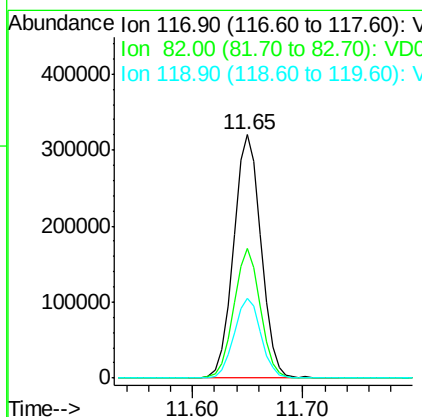
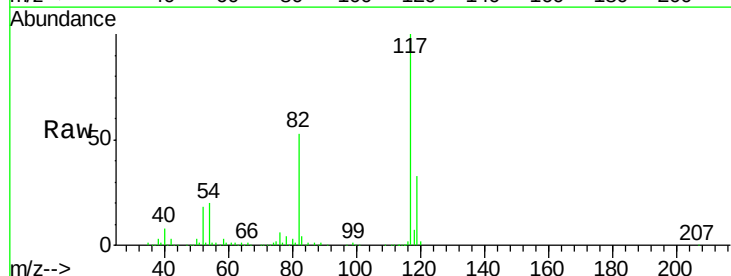
Instrument :
MSVOA_D
ClientSampleId :
9

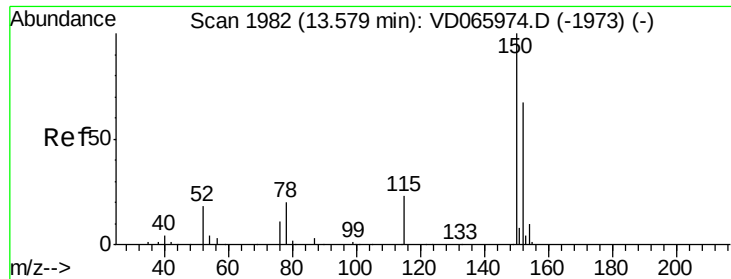
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	178.8
176	89.8	0.0	172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065983.D
Acq: 21 Jul 2020 16:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.1	61.7
119	32.7	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: VD065983.D

Acq: 21 Jul 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

9

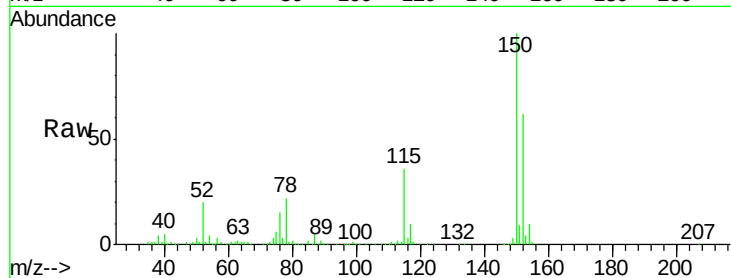
Tot Ion:152 Resp: 268035

Ion Ratio Lower Upper

152 100

115 56.6 27.9 83.7

150 158.6 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

