

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013120\
 Data File : VD065039.D
 Acq On : 31 Jan 2020 17:45
 Operator : VA/SY
 Sample : L1345-03
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 01-31-C

Quant Time: Feb 03 00:34:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

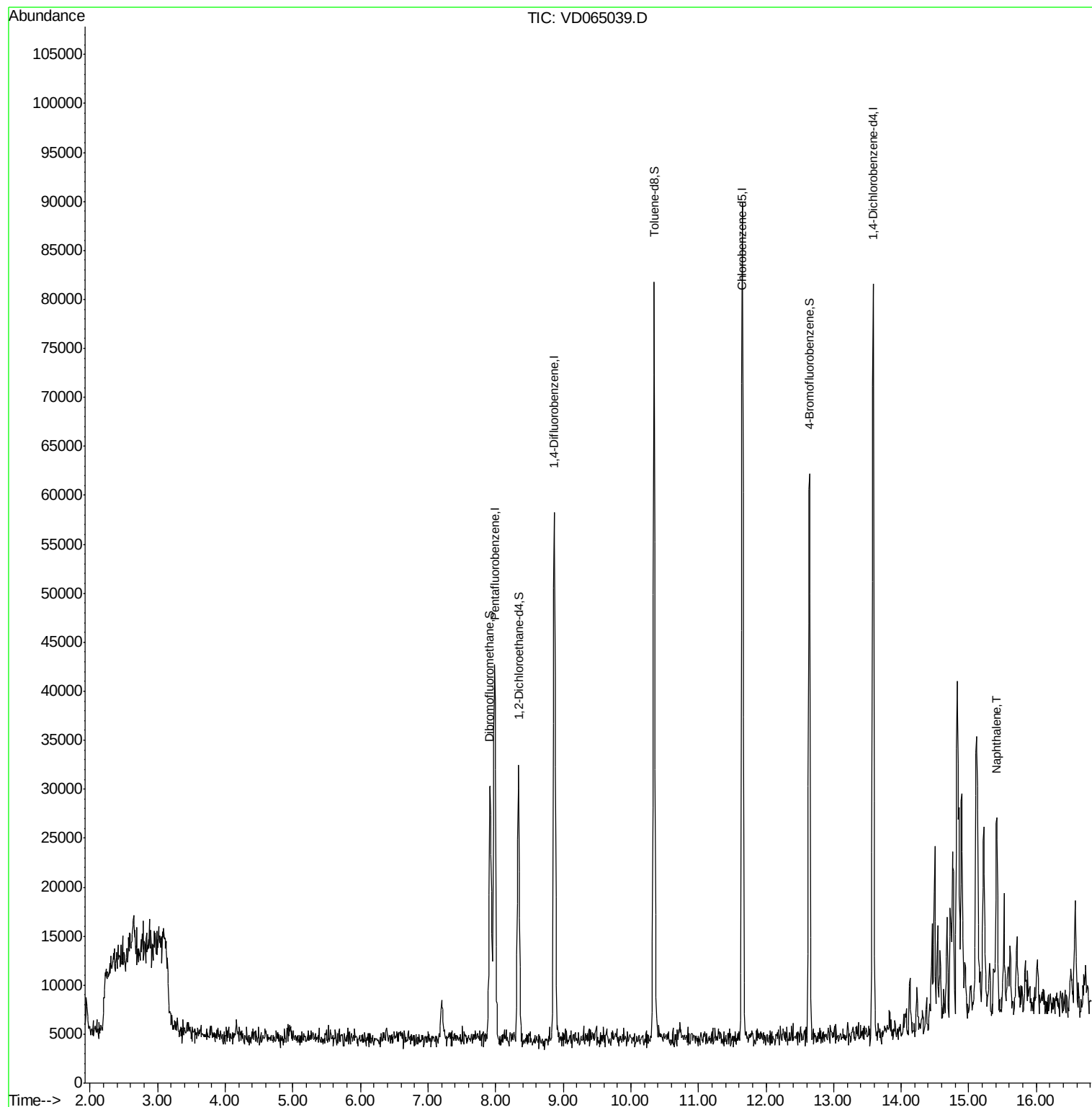
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	30066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	44333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	45976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	21080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	20782	72.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.12%	
35) Dibromofluoromethane	7.92	113	17834	64.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.02%	
50) Toluene-d8	10.34	98	51660	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.64	95	17797	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
Target Compounds						
95) Naphthalene	15.41	128	13189	20.571	ug/l #	Qvalue 93

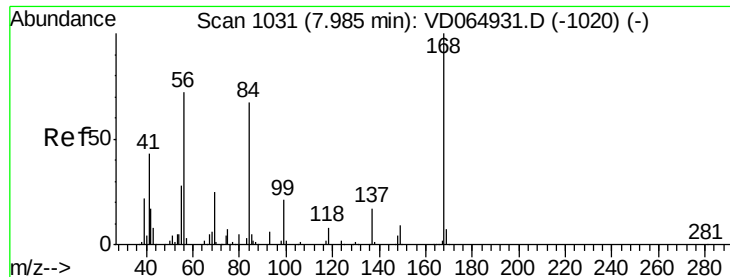
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013120\
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065039.D

Acq: 31 Jan 2020 17:45

Instrument :

MSVOA_D

ClientSampled :

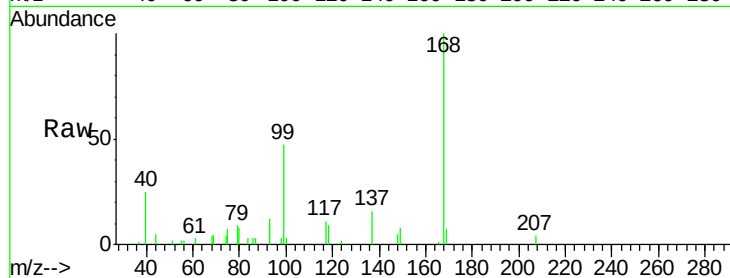
01-31-C

Tot Ion:168 Resp: 30066

Ion Ratio Lower Upper

168 100

99 46.6 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

15000

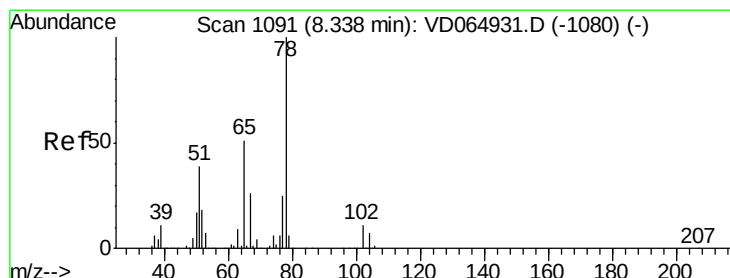
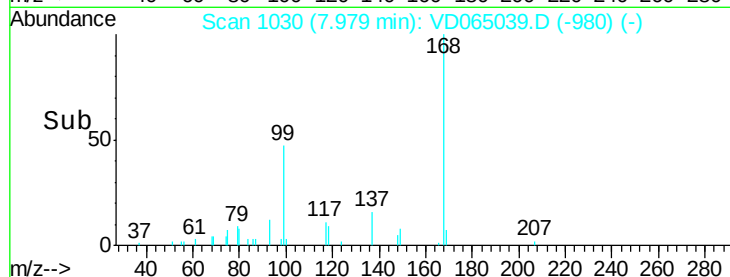
10000

5000

0

Time-->

7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 72.060 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065039.D

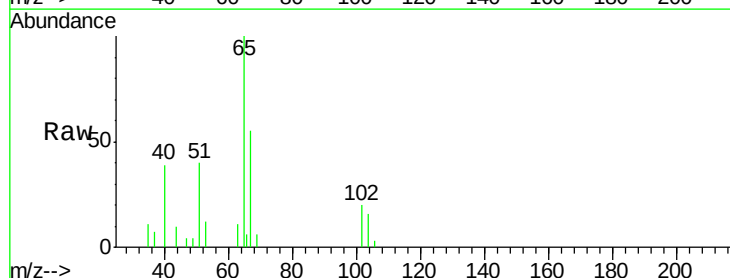
Acq: 31 Jan 2020 17:45

Tgt Ion: 65 Resp: 20782

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

10000

8000

6000

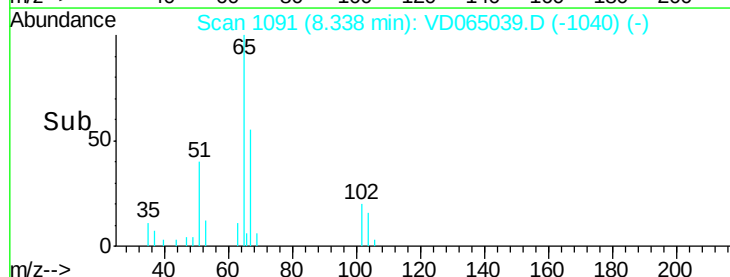
4000

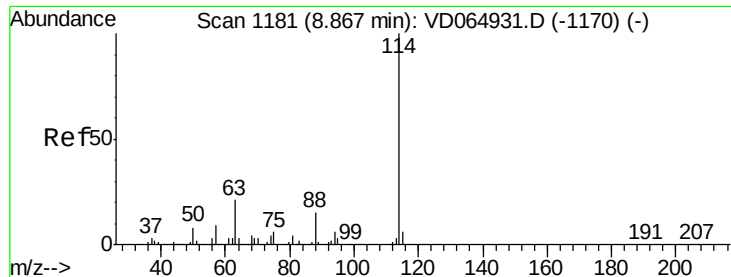
2000

0

Time-->

8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065039.D

Acq: 31 Jan 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

01-31-C

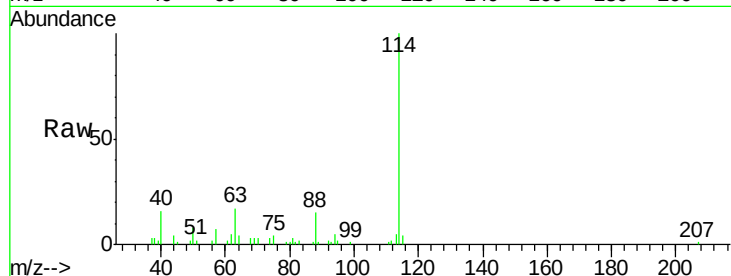
Tot Ion:114 Resp: 44333

Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.0

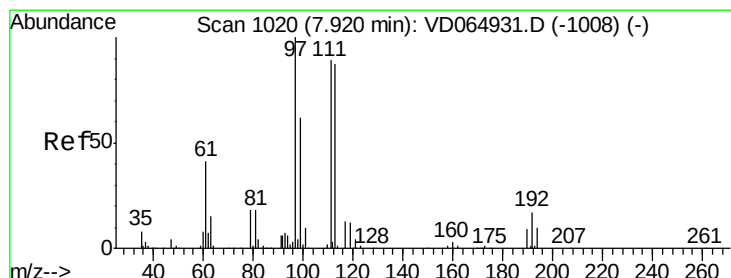
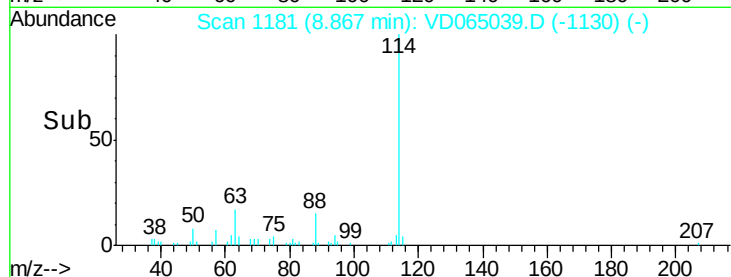
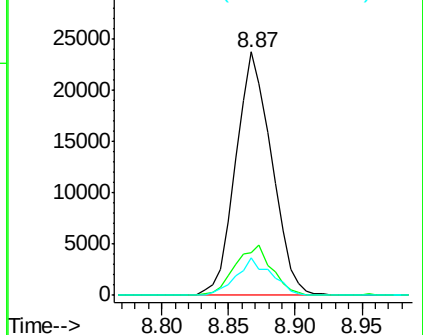
88 15.3 0.0 29.4



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: 64.014 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065039.D

Acq: 31 Jan 2020 17:45

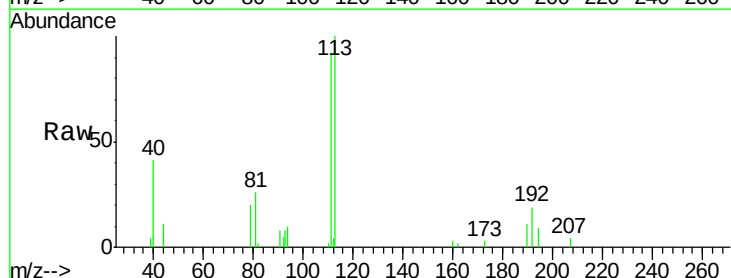
Tgt Ion:113 Resp: 17834

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

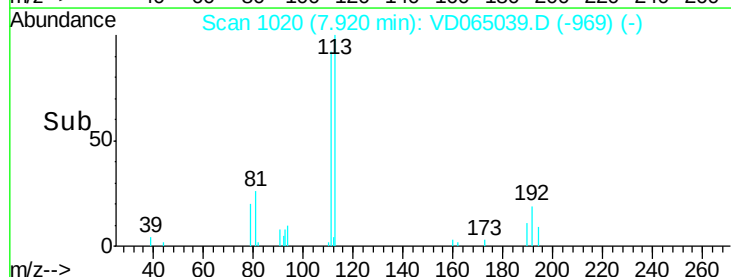
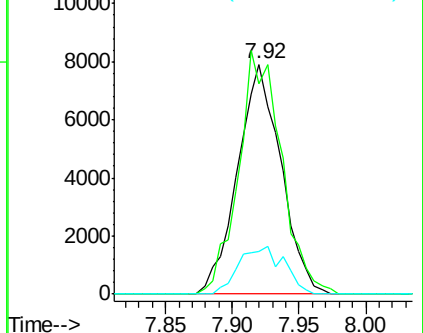
192 21.7 16.9 25.3

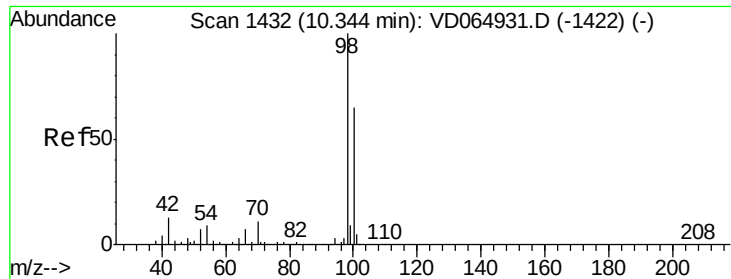


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.044 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065039.D

Acq: 31 Jan 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

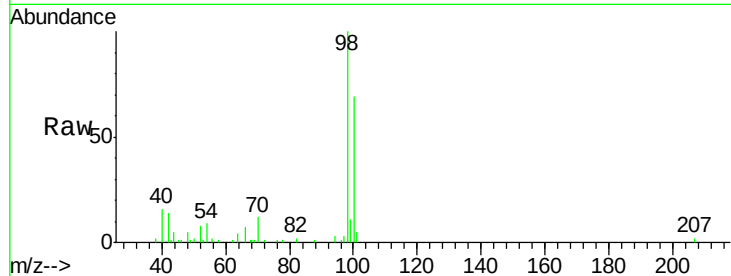
01-31-C

Tot Ion: 98 Resp: 51660

Ion Ratio Lower Upper

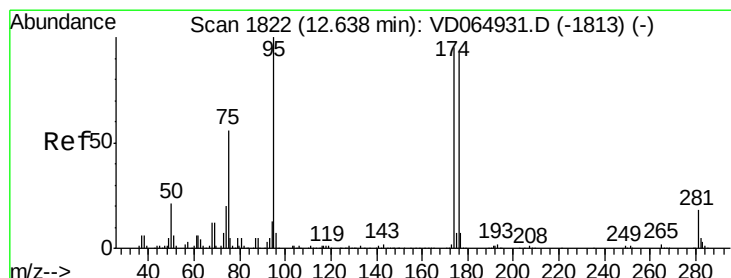
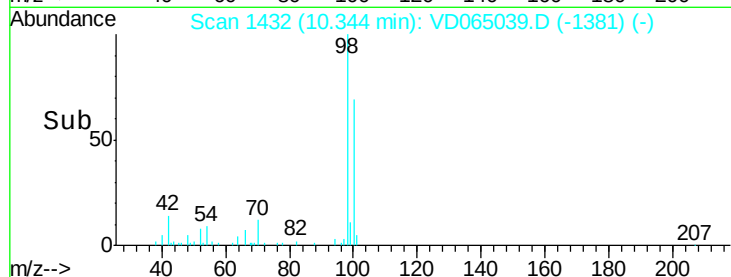
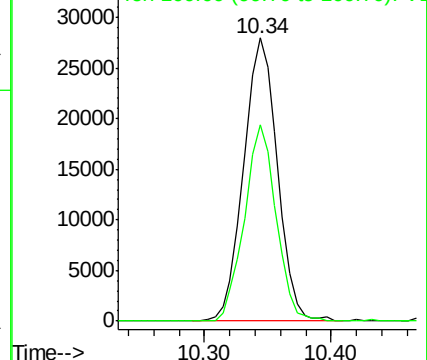
98 100

100 65.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 54.085 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065039.D

Acq: 31 Jan 2020 17:45

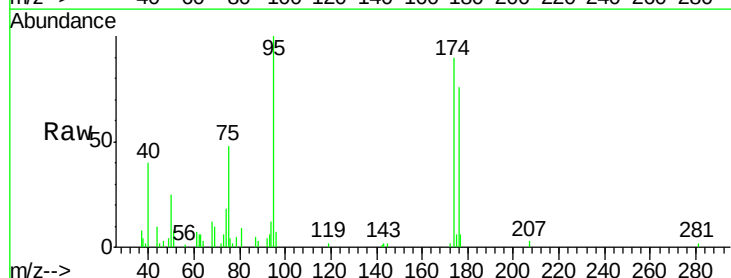
Tgt Ion: 95 Resp: 17797

Ion Ratio Lower Upper

95 100

174 97.6 0.0 186.8

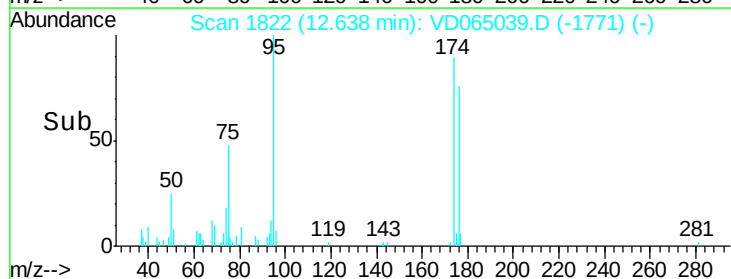
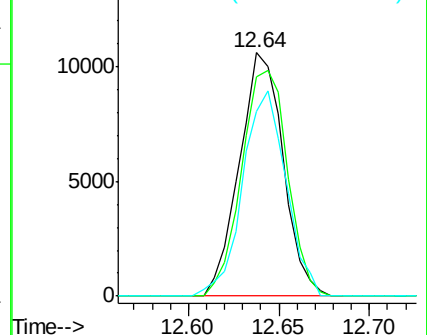
176 83.9 0.0 183.4

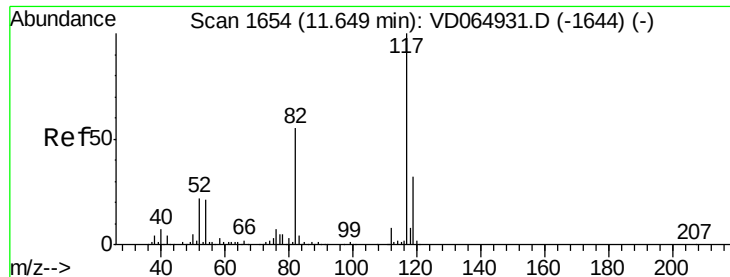


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

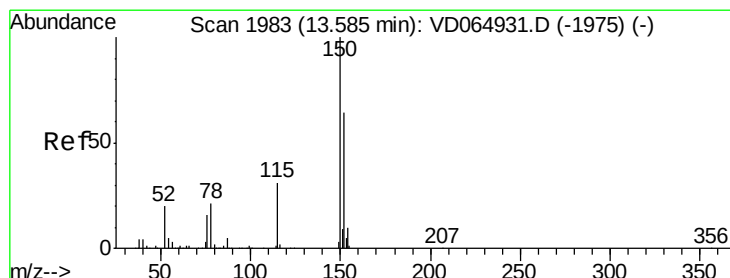
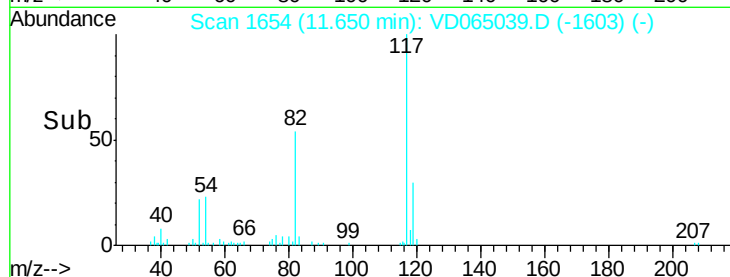
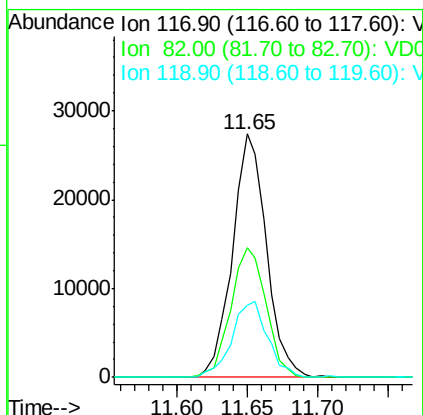
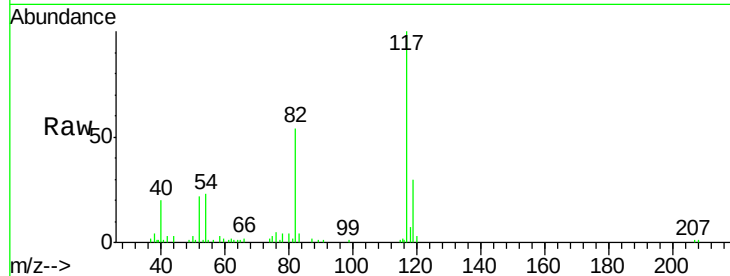




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065039.D
Acq: 31 Jan 2020 17:45

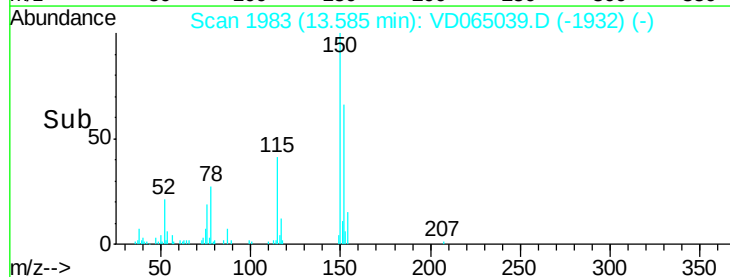
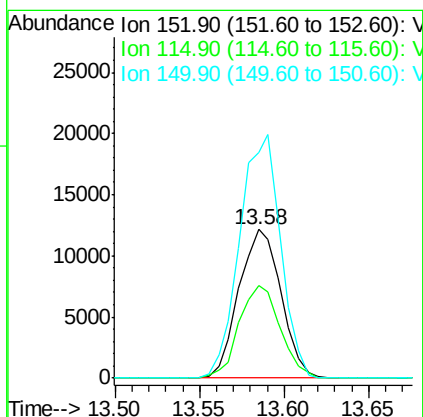
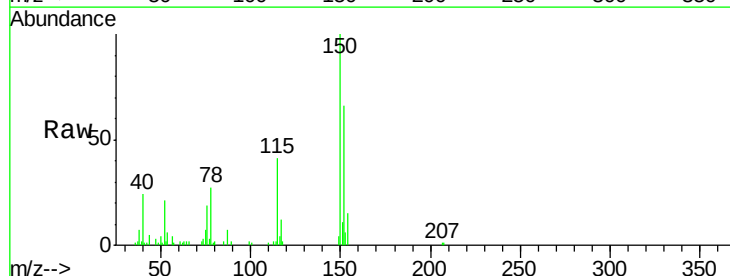
Instrument :
MSVOA_D
ClientSampleId :
01-31-C

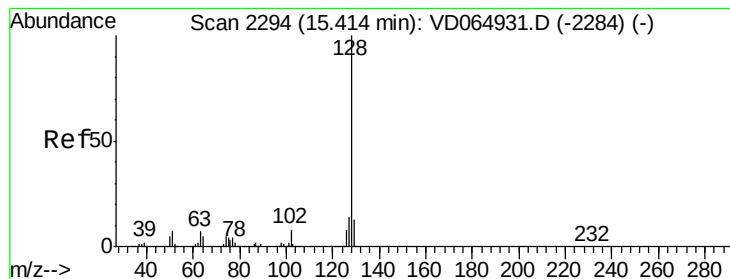
Tot Ion:117 Resp: 45976
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 29.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065039.D
Acq: 31 Jan 2020 17:45

Tgt Ion:152 Resp: 21080
Ion Ratio Lower Upper
152 100
115 60.3 28.1 84.4
150 158.8 0.0 350.4





#95

Naphthalene

Concen: 20.571 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065039.D

Acq: 31 Jan 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

01-31-C

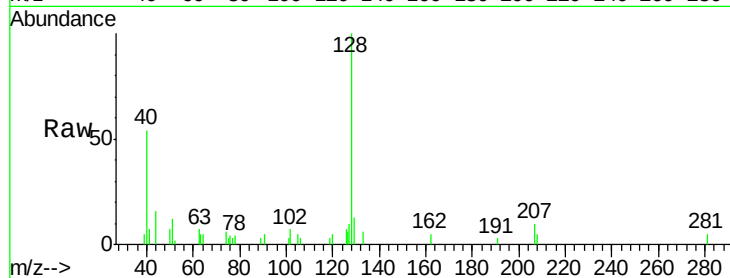
Tot Ion:128 Resp: 13189

Ion Ratio Lower Upper

128 100

127 16.2 10.6 15.8#

129 14.2 9.3 13.9#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

