

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031320\
 Data File : VD065502.D
 Acq On : 13 Mar 2020 13:06
 Operator : VA/SY
 Sample : L1761-06RE
 Misc : 7.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-031220RE

Quant Time: Mar 16 02:34:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

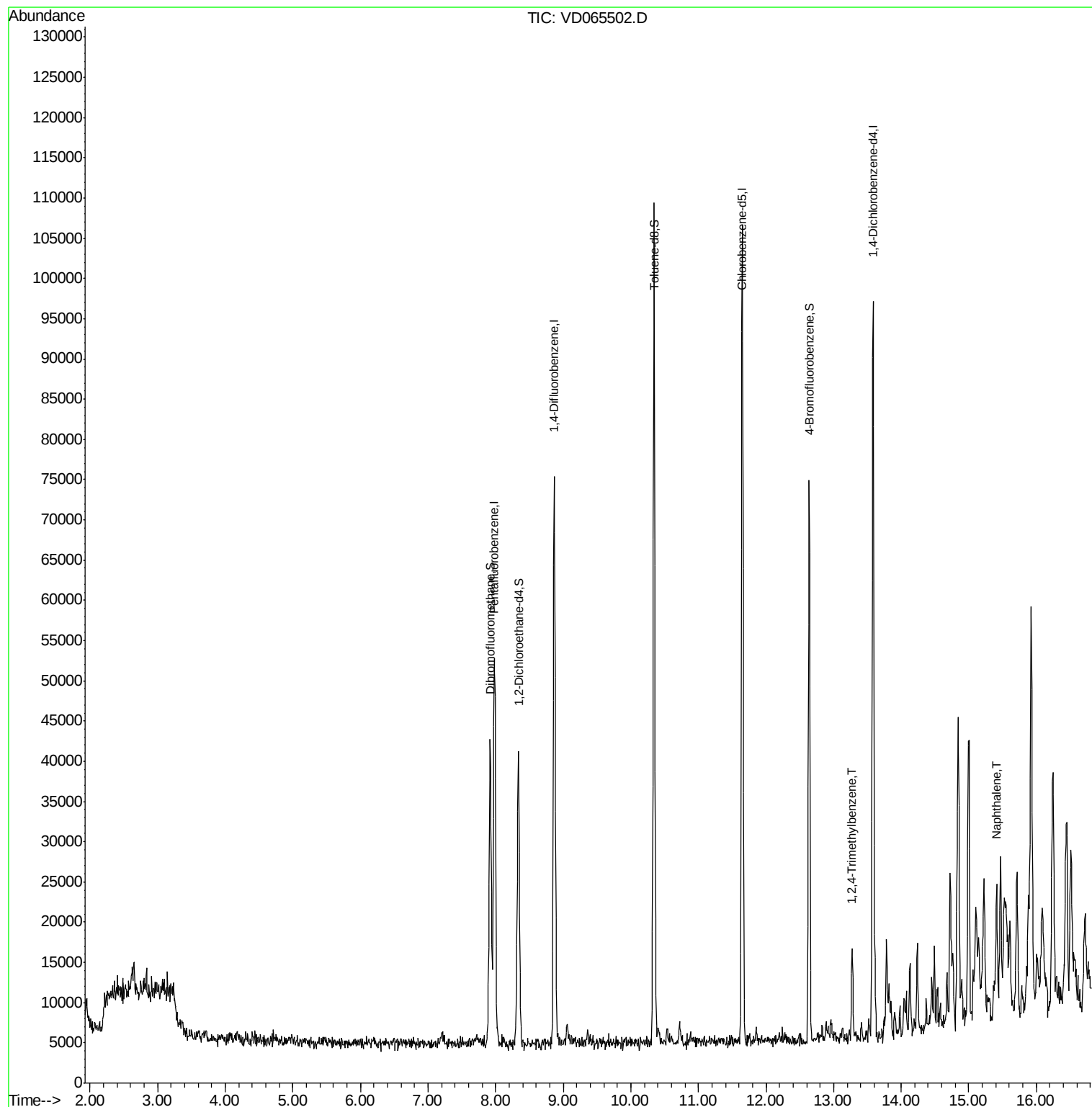
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	37186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	58653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	61153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	25260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	28238	88.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	177.06%	
35) Dibromofluoromethane	7.92	113	26364	72.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.38%	
50) Toluene-d8	10.34	98	68996	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.64	95	21056	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.27	105	5972	4.436	ug/l	98
95) Naphthalene	15.41	128	10282	15.899	ug/l #	94

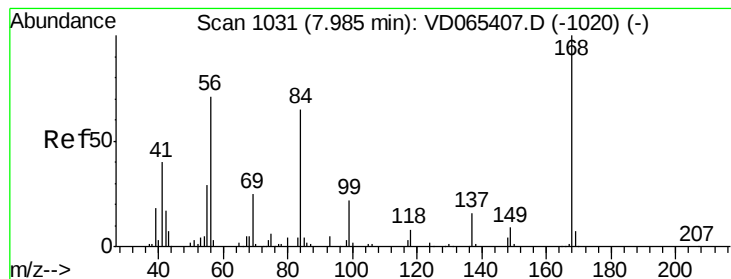
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 01:22:07 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065502.D

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Instrument :

MSVOA_D

ClientSampleId :

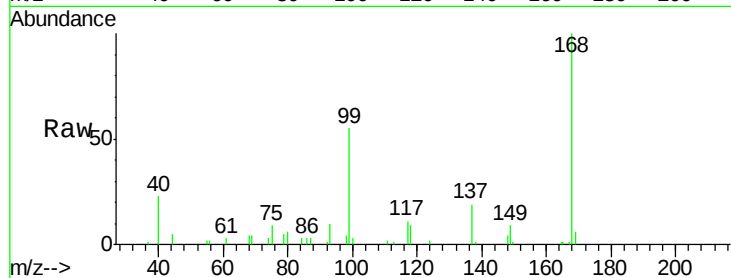
SU-01-031220RE

Tot Ion:168 Resp: 37186

Ion Ratio Lower Upper

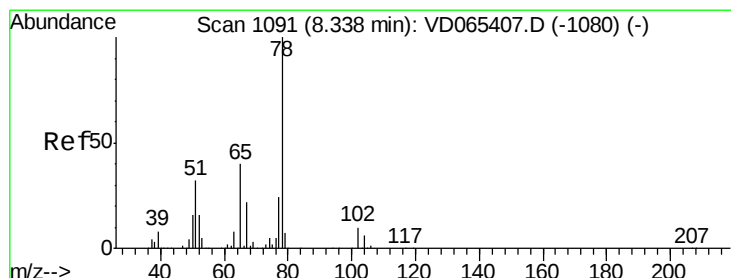
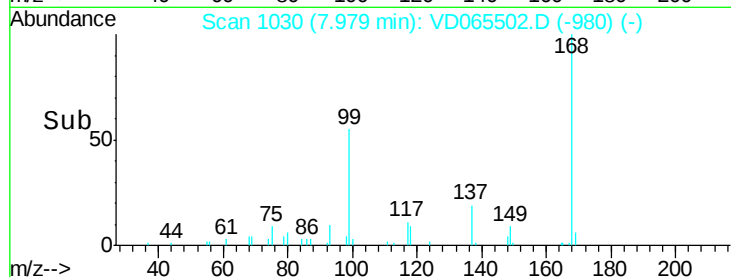
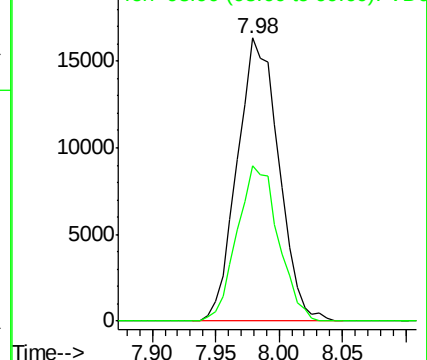
168 100

99 54.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 88.525 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065502.D

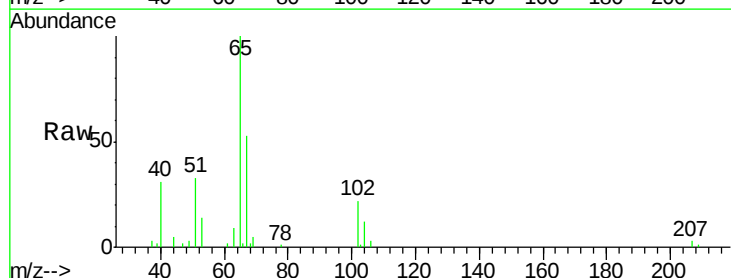
Acq: 13 Mar 2020 13:06

Tgt Ion: 65 Resp: 28238

Ion Ratio Lower Upper

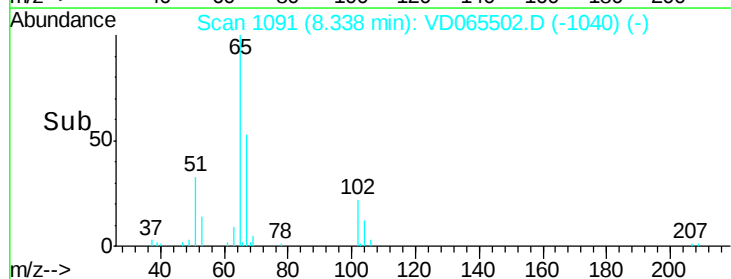
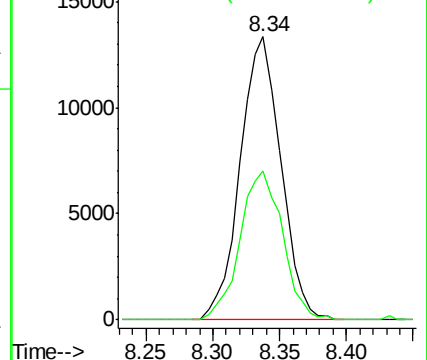
65 100

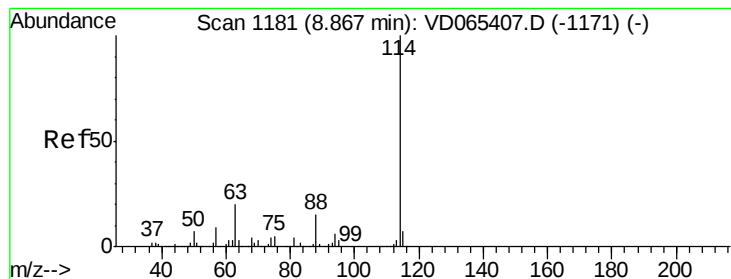
67 54.7 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065502.D

Acq: 13 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

SU-01-031220RE

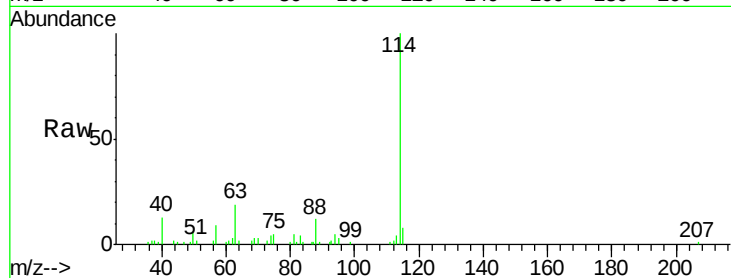
Tot Ion:114 Resp: 58653

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

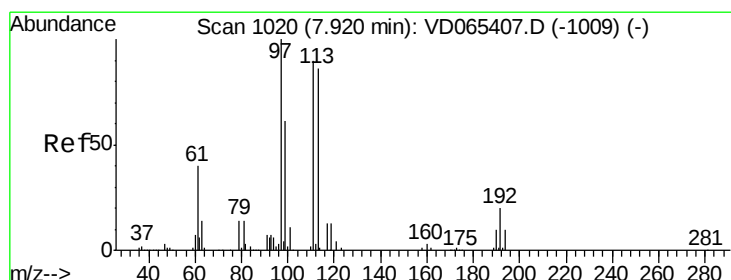
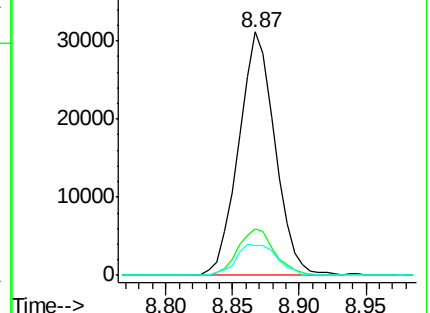
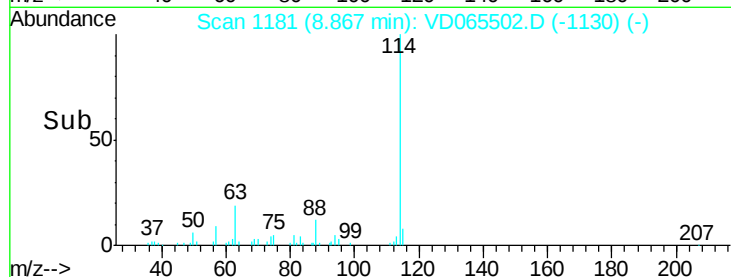
88 12.4 0.0 30.4



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: 72.685 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065502.D

Acq: 13 Mar 2020 13:06

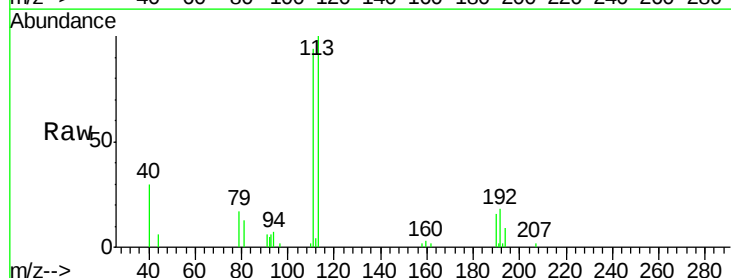
Tgt Ion:113 Resp: 26364

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

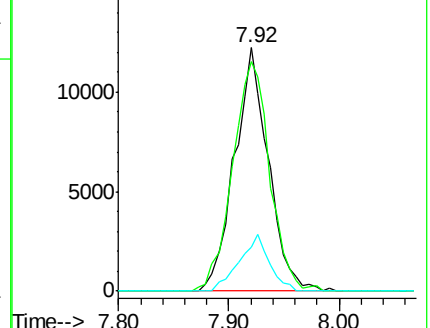
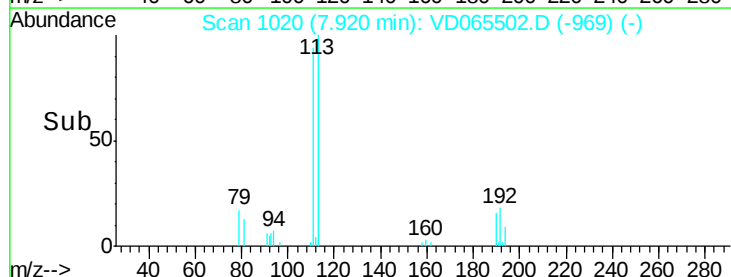
192 20.5 17.2 25.8

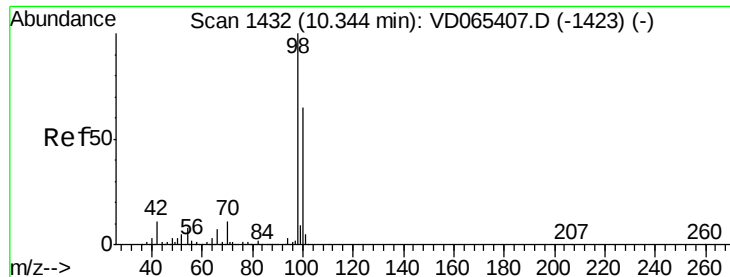


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.584 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065502.D

Acq: 13 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

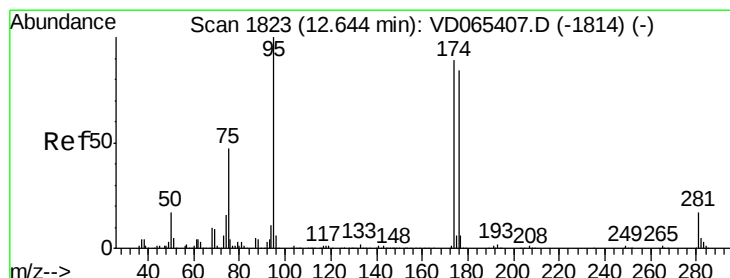
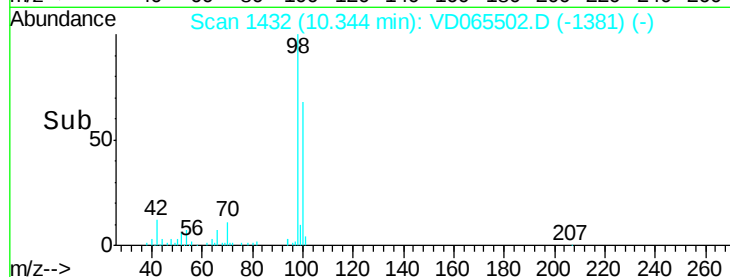
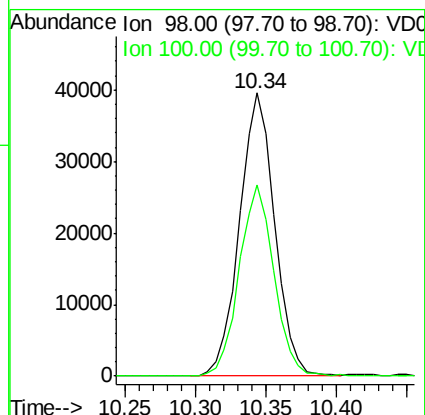
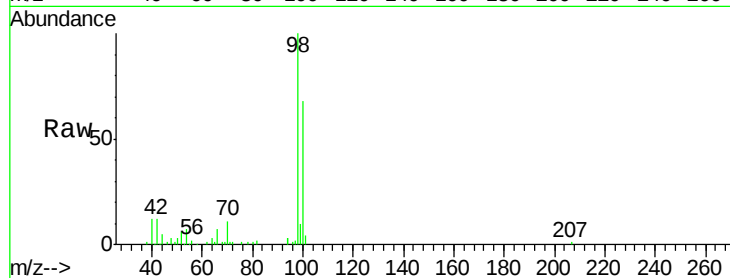
SU-01-031220RE

Tot Ion: 98 Resp: 68996

Ion Ratio Lower Upper

98 100

100 66.6 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 49.017 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065502.D

Acq: 13 Mar 2020 13:06

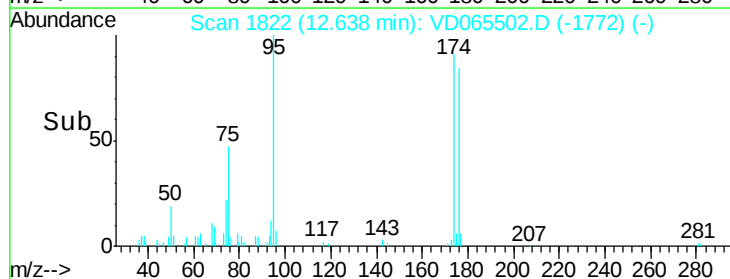
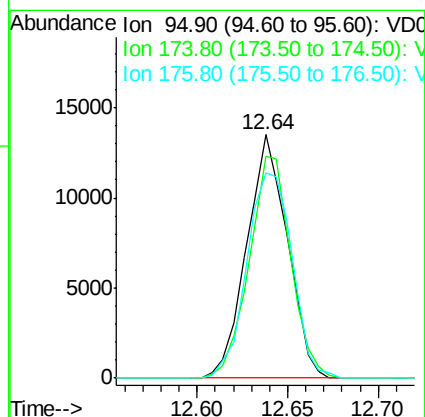
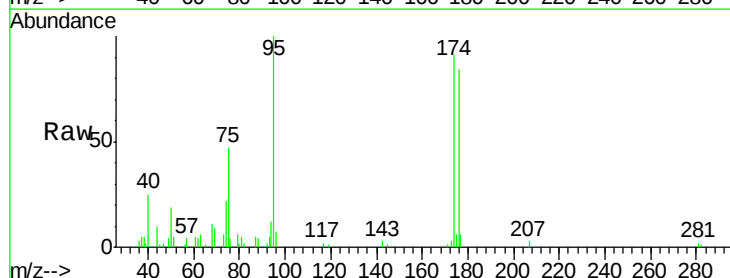
Tgt Ion: 95 Resp: 21056

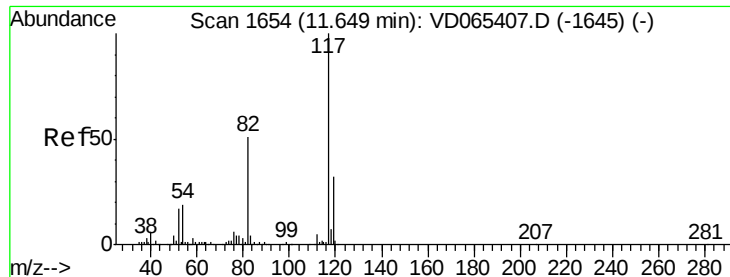
Ion Ratio Lower Upper

95 100

174 93.3 0.0 176.8

176 93.9 0.0 171.4

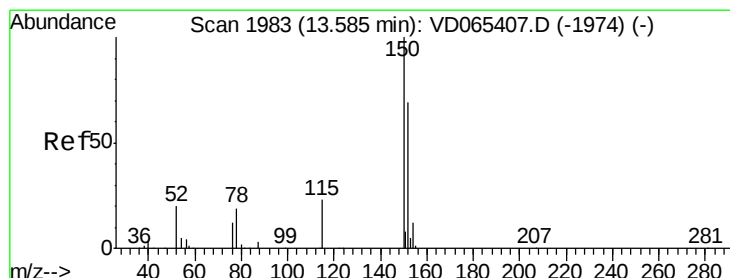
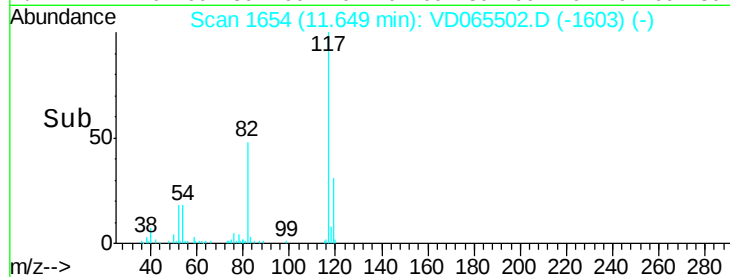
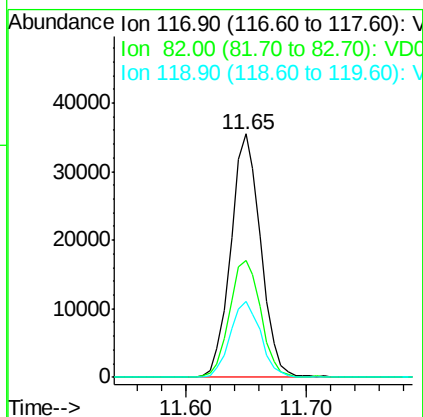
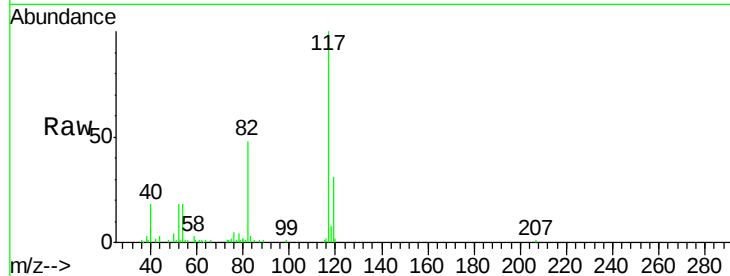




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065502.D
Acq: 13 Mar 2020 13:06

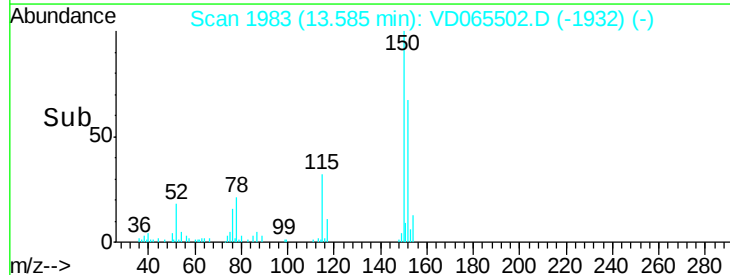
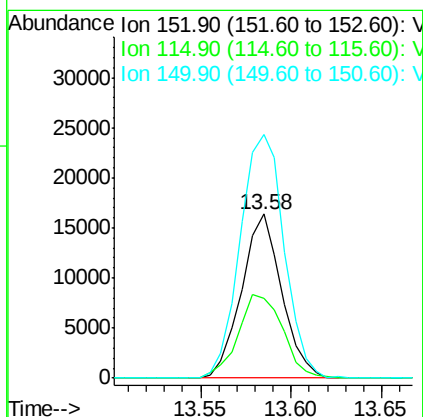
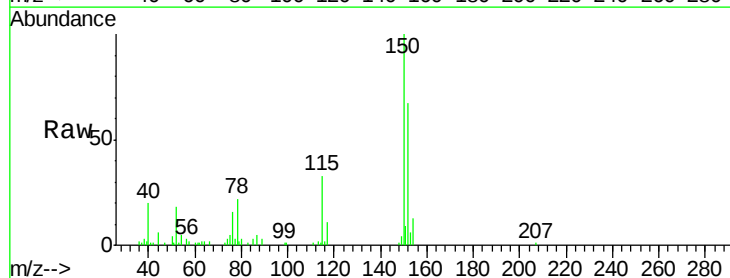
Instrument :
MSVOA_D
ClientSampleId :
SU-01-031220RE

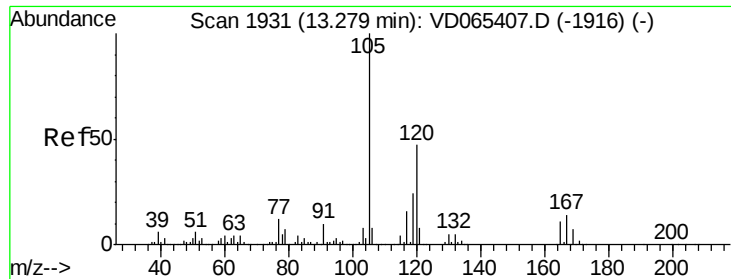
Tot Ion:117 Resp: 61153
Ion Ratio Lower Upper
117 100
82 48.0 40.6 60.8
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065502.D
Acq: 13 Mar 2020 13:06

Tgt Ion:152 Resp: 25260
Ion Ratio Lower Upper
152 100
115 56.7 27.6 82.8
150 161.9 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 4.436 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.01 min

Lab File: VD065502.D

Acq: 13 Mar 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

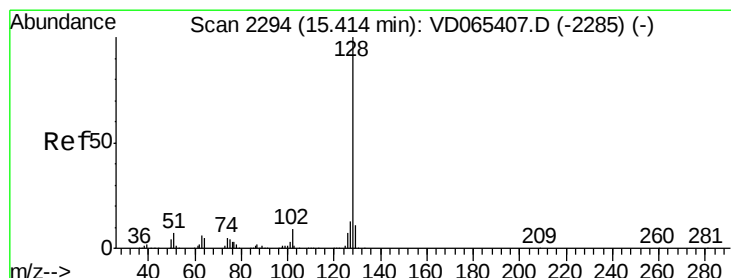
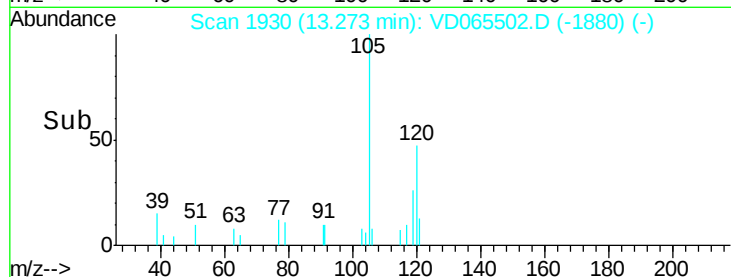
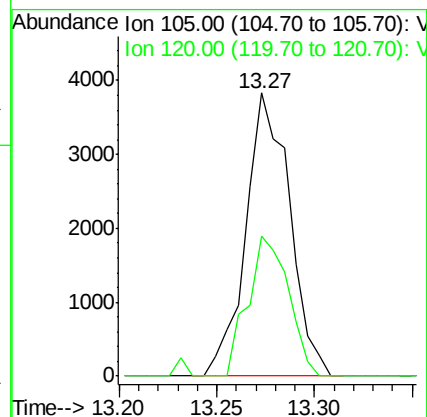
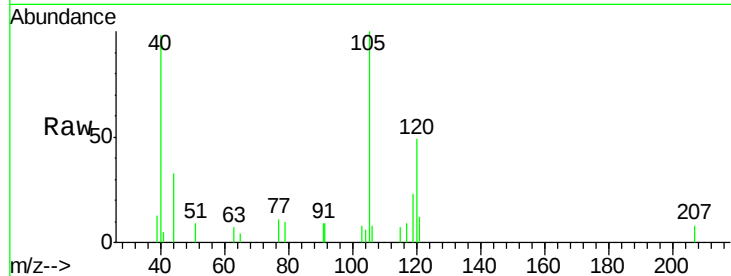
SU-01-031220RE

Tot Ion:105 Resp: 5972

Ion Ratio Lower Upper

105 100

120 45.6 23.4 70.3



#95

Naphthalene

Concen: 15.899 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065502.D

Acq: 13 Mar 2020 13:06

Tgt Ion:128 Resp: 10282

Ion Ratio Lower Upper

128 100

127 14.2 10.6 16.0

129 14.6 8.7 13.1#

