

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066109.D
 Acq On : 30 Jul 2020 14:13
 Operator : VA/SY
 Sample : L3494-01
 Misc : 5.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-05-2-3

Quant Time: Jul 31 03:06:50 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	7.98	168	256382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	405022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	462131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260269	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	112754	54.05	ug/l	0.00
Spiked Amount			Recovery	=	108.10%	
35) Dibromofluoromethane	7.91	113	124284	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.34	98	510451	55.78	ug/l	0.00
Spiked Amount			Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.64	95	223687	70.49	ug/l	0.00
Spiked Amount			Recovery	=	140.98%	

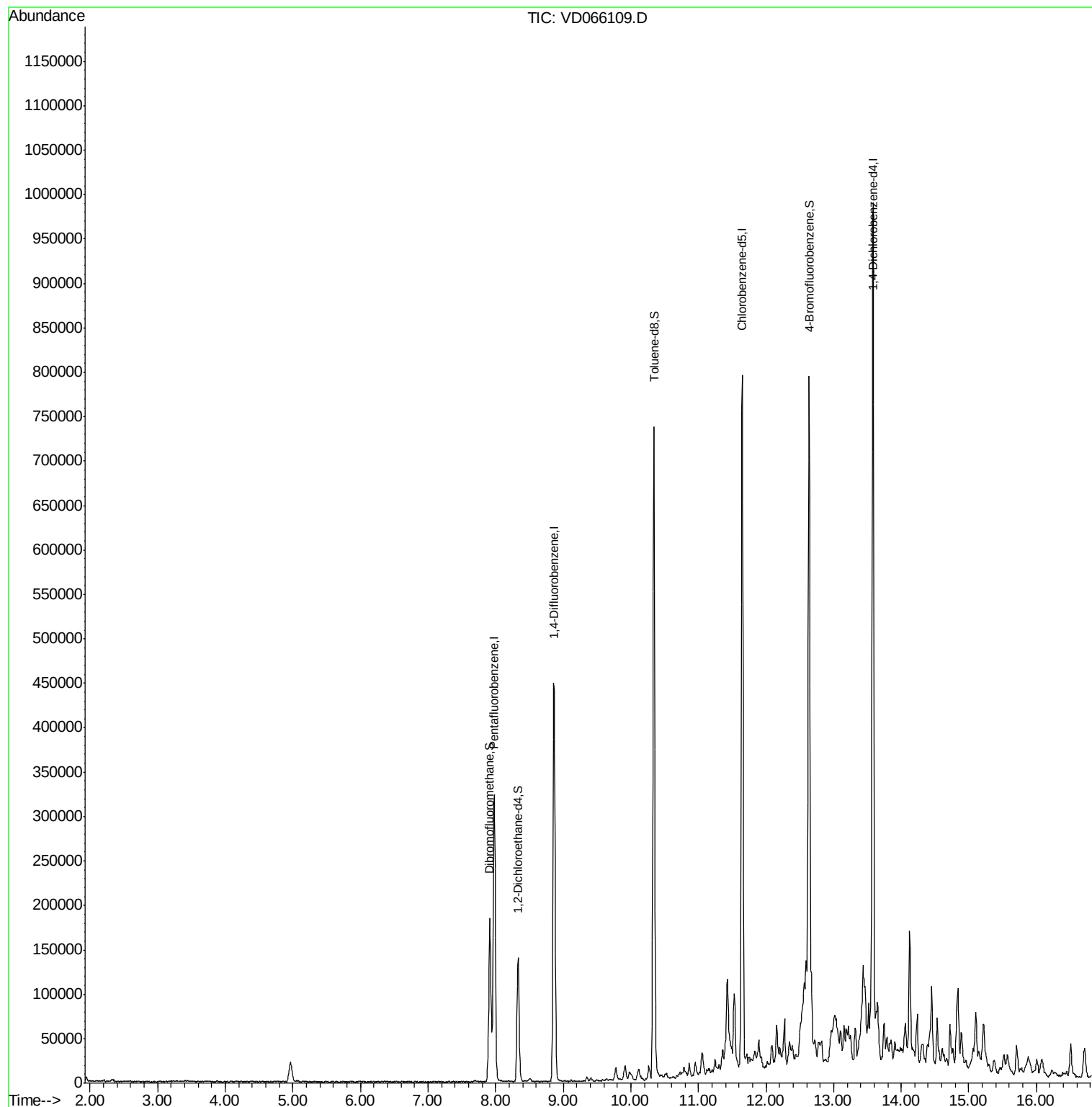
Target Compounds	Qvalue
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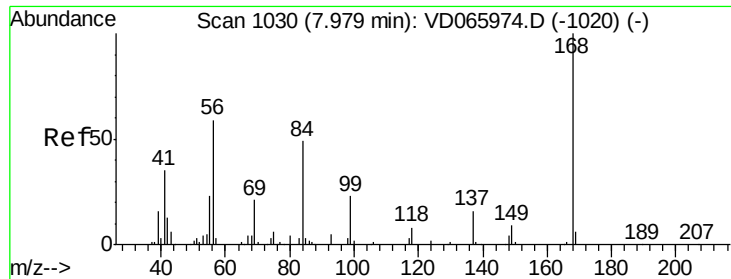
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073020\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
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: VD066109.D

Acq: 30 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

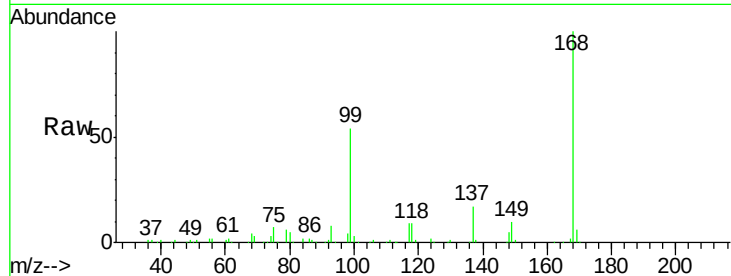
JTY1-SB-05-2-3

Tot Ion:168 Resp: 256382

Ion Ratio Lower Upper

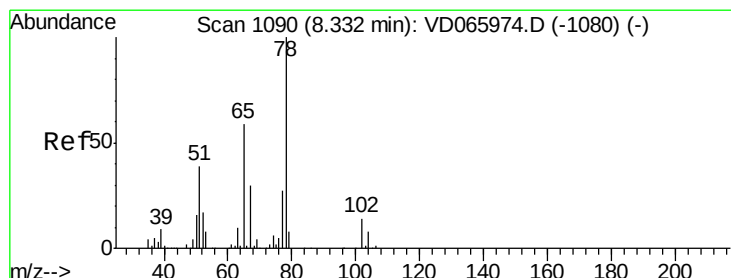
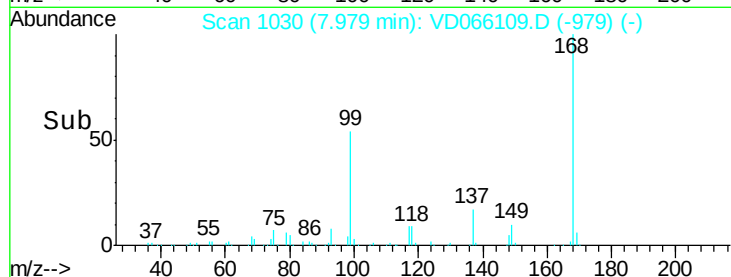
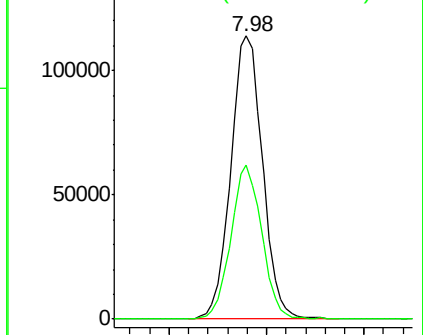
168 100

99 54.5 40.8 61.2



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: 54.049 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066109.D

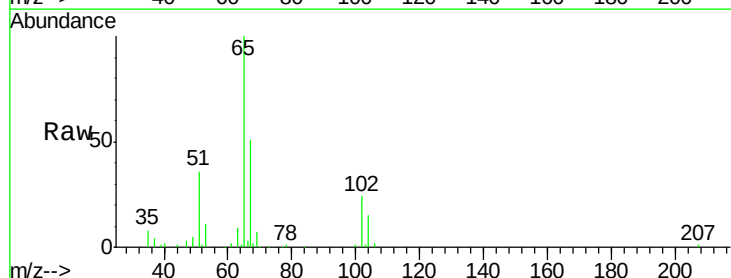
Acq: 30 Jul 2020 14:13

Tgt Ion: 65 Resp: 112754

Ion Ratio Lower Upper

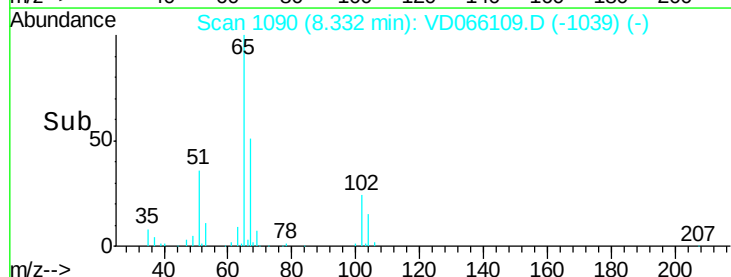
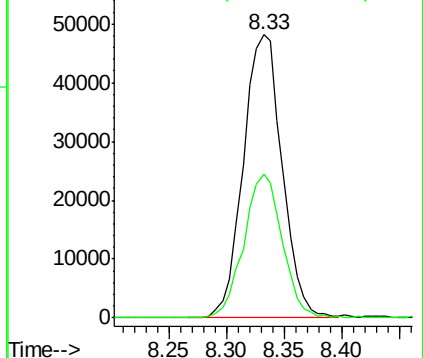
65 100

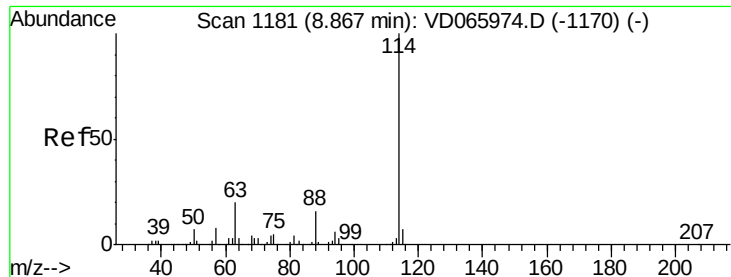
67 50.4 0.0 105.0



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: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-05-2-3

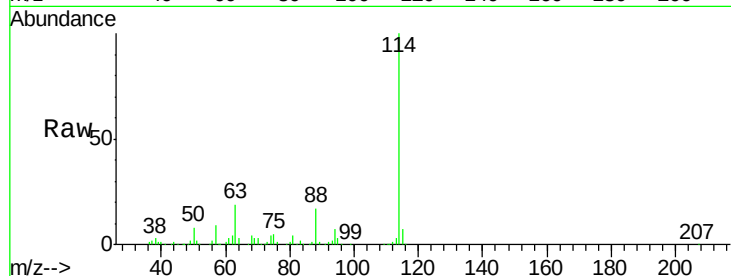
Tot Ion:114 Resp: 405022

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

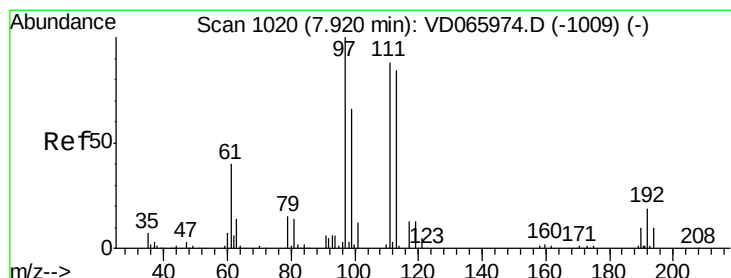
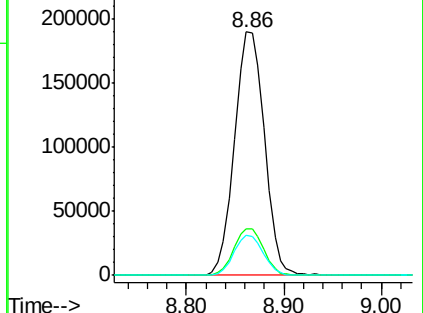
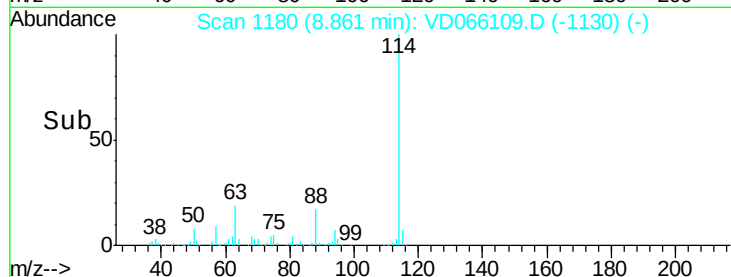
88 16.6 0.0 31.2



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: 50.592 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

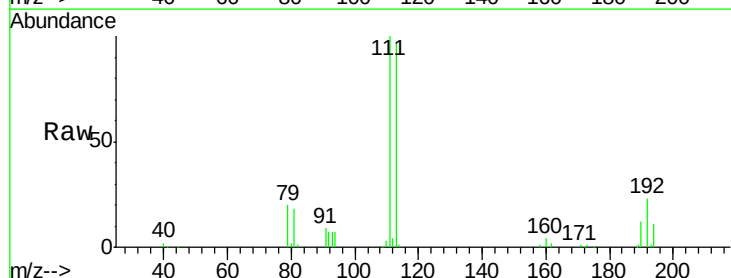
Tgt Ion:113 Resp: 124284

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

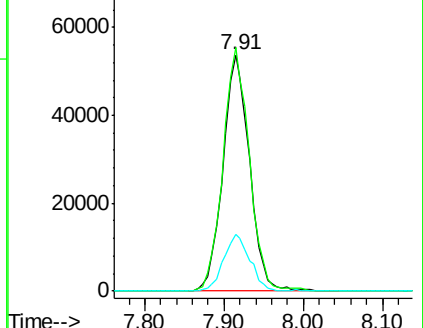
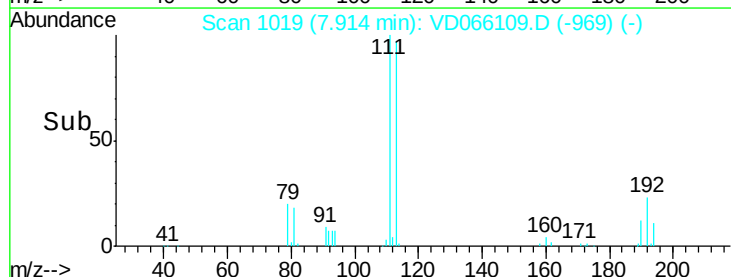
192 23.7 18.7 28.1

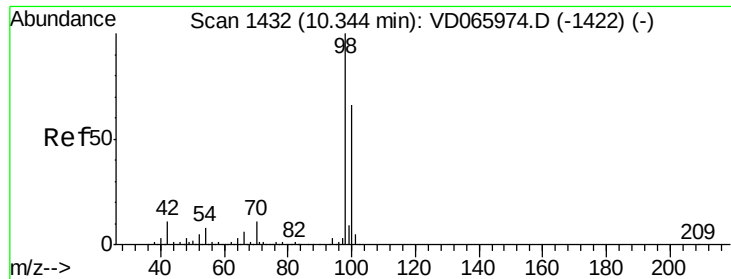


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.778 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

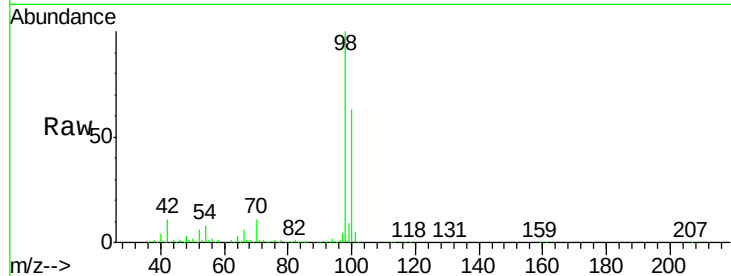
JTY1-SB-05-2-3

Tot Ion: 98 Resp: 510451

Ion Ratio Lower Upper

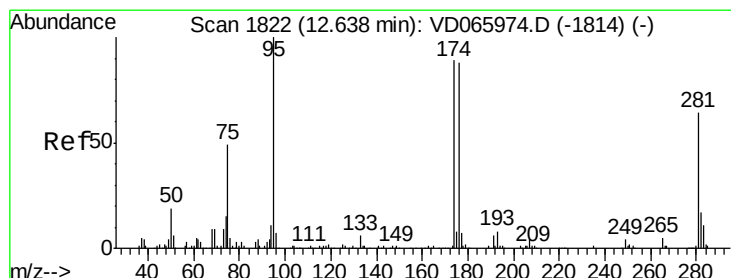
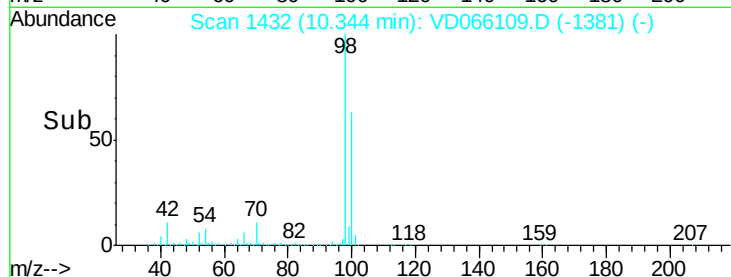
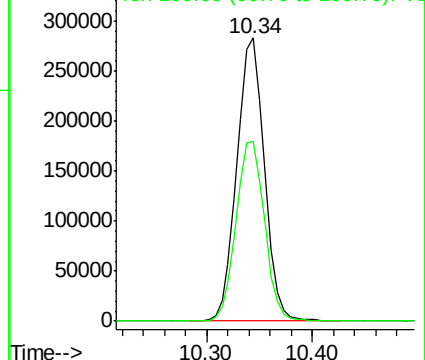
98 100

100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 70.494 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

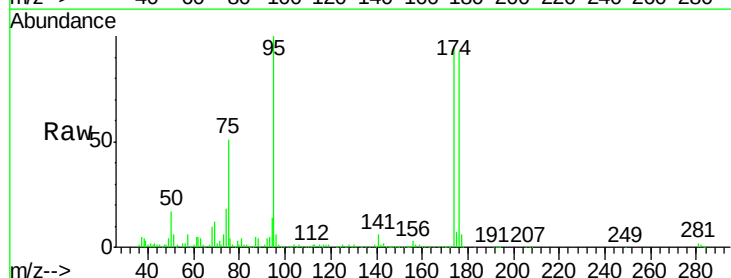
Tgt Ion: 95 Resp: 223687

Ion Ratio Lower Upper

95 100

174 95.3 0.0 178.8

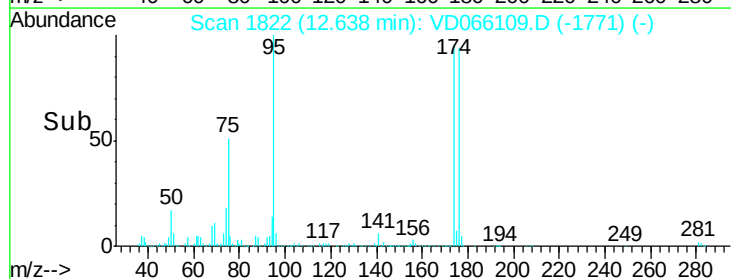
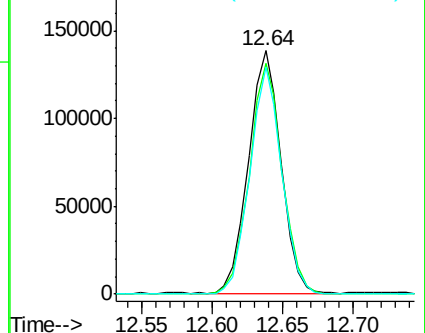
176 91.4 0.0 172.6

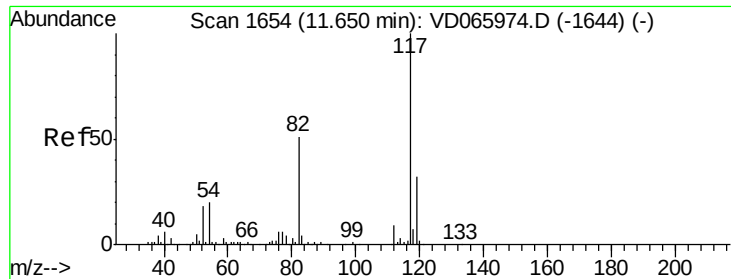


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

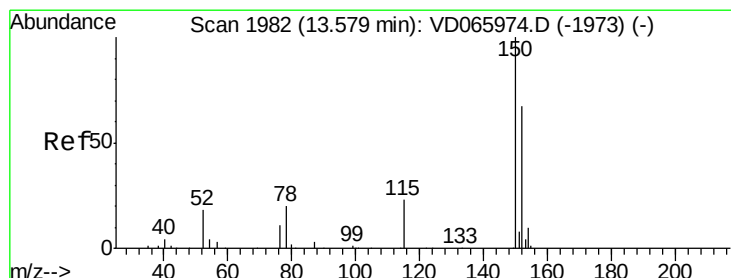
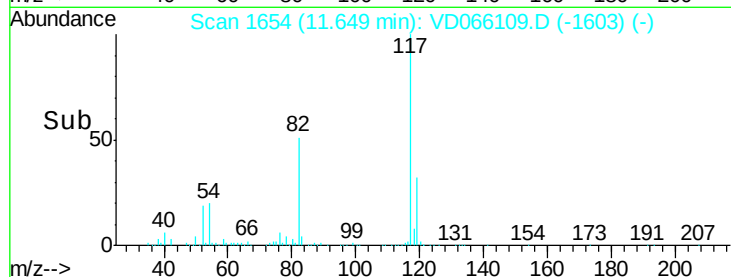
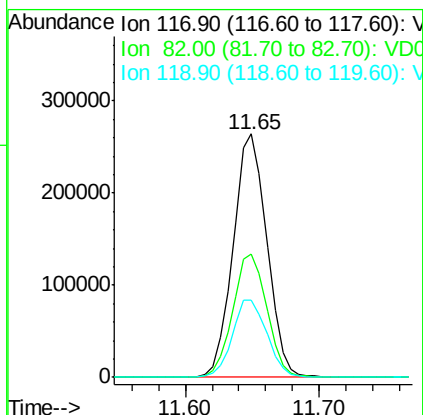
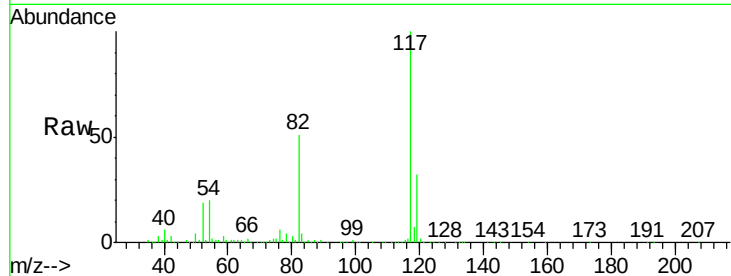




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066109.D
Acq: 30 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-05-2-3

Tot Ion:117 Resp: 462131
Ion Ratio Lower Upper
117 100
82 50.5 41.1 61.7
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066109.D
Acq: 30 Jul 2020 14:13

Tgt Ion:152 Resp: 260269
Ion Ratio Lower Upper
152 100
115 56.5 27.9 83.7
150 157.2 0.0 348.2

