

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066555.D
 Acq On : 04 Sep 2020 11:31
 Operator : VA/SY
 Sample : VD0904SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBL01

Quant Time: Sep 05 03:55:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	405643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	718936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	649266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278554	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	257307	52.43	ug/l	0.00
Spiked Amount						
			Recovery	=	104.86%	
35) Dibromofluoromethane	7.91	113	241433	49.78	ug/l	0.00
Spiked Amount						
			Recovery	=	99.56%	
50) Toluene-d8	10.34	98	883530	50.97	ug/l	0.00
Spiked Amount						
			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.63	95	273300	47.55	ug/l	0.00
Spiked Amount						
			Recovery	=	95.10%	

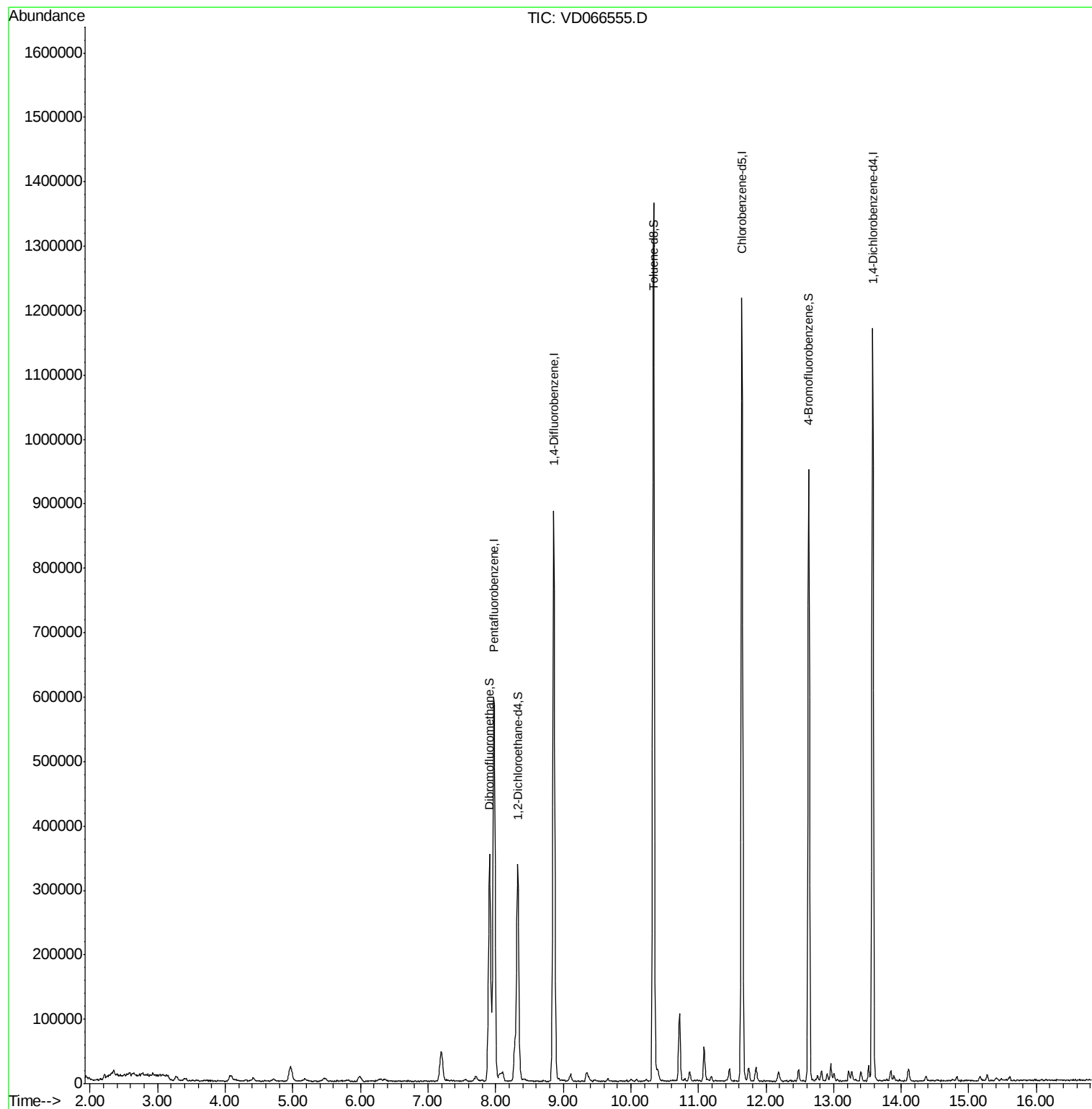
Target Compounds	Qvalue
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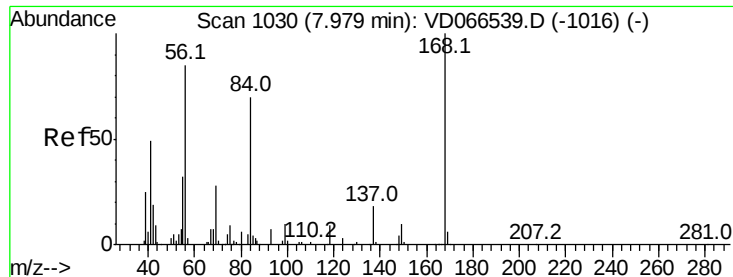
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

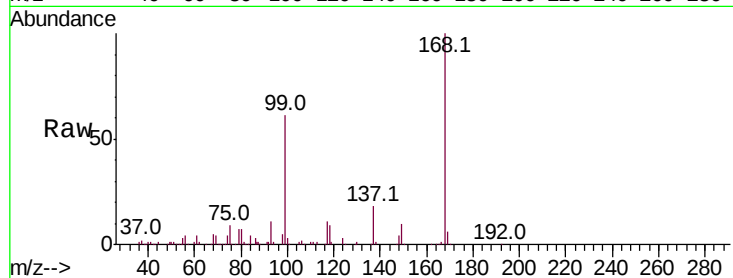
VD0904SBL01

Tot Ion:168 Resp: 405643

Ion Ratio Lower Upper

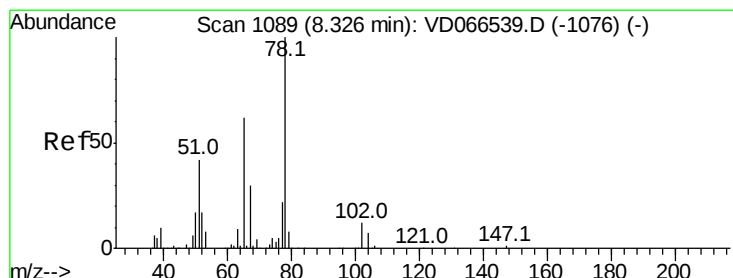
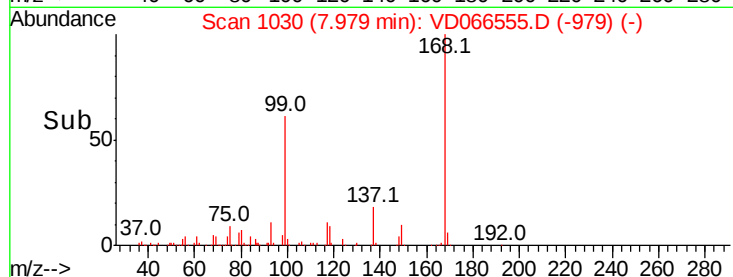
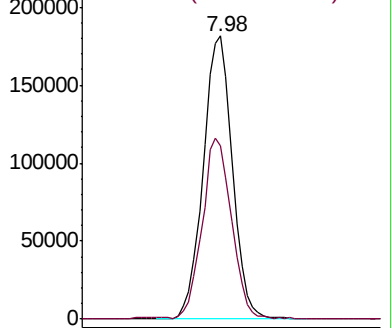
168 100

99 60.7 50.5 75.7



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: 52.427 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066555.D

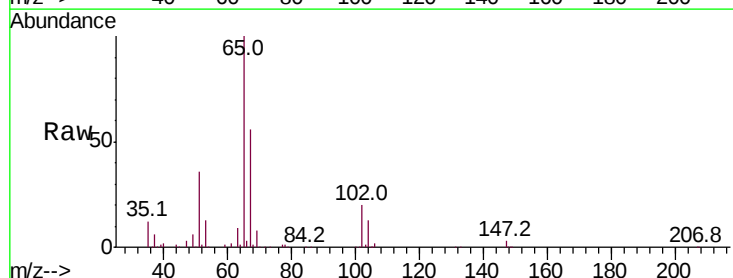
Acq: 04 Sep 2020 11:31

Tgt Ion: 65 Resp: 257307

Ion Ratio Lower Upper

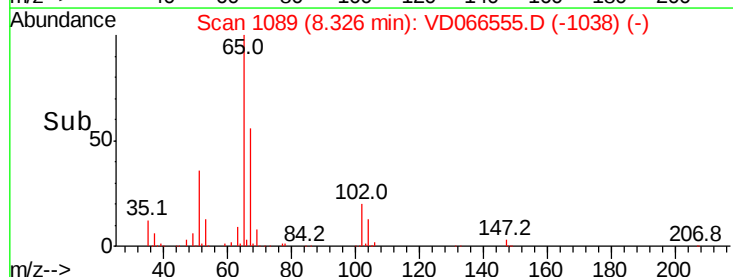
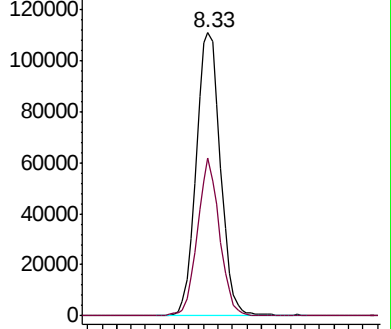
65 100

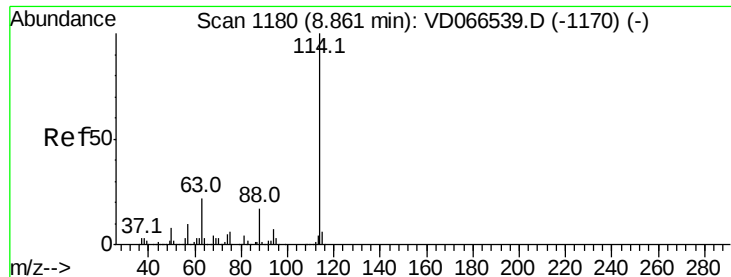
67 50.6 0.0 102.8



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. 0.00 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBL01

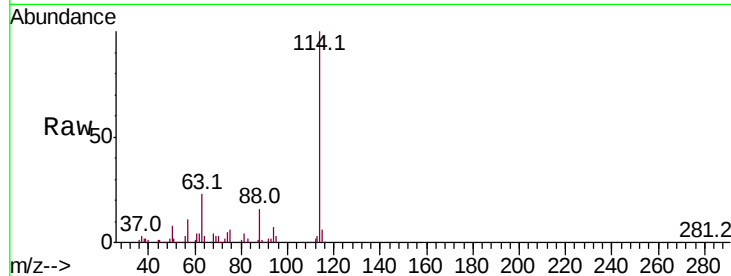
Tot Ion:114 Resp: 718936

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.2

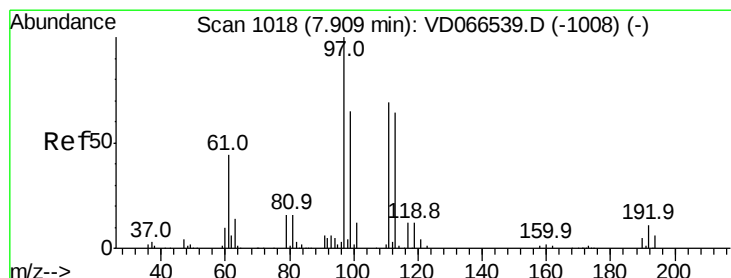
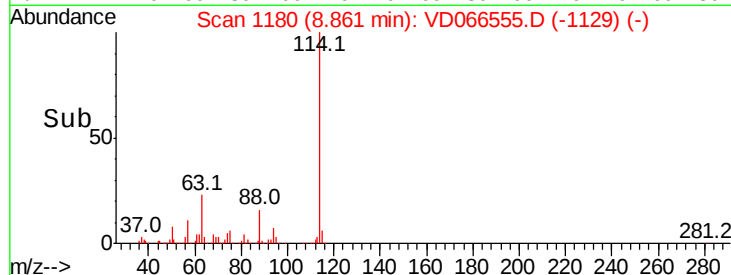
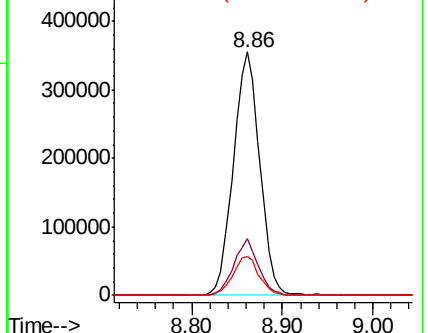
88 15.9 0.0 33.2



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: 49.780 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

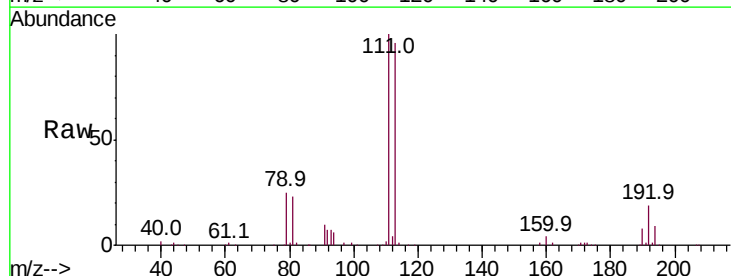
Tgt Ion:113 Resp: 241433

Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

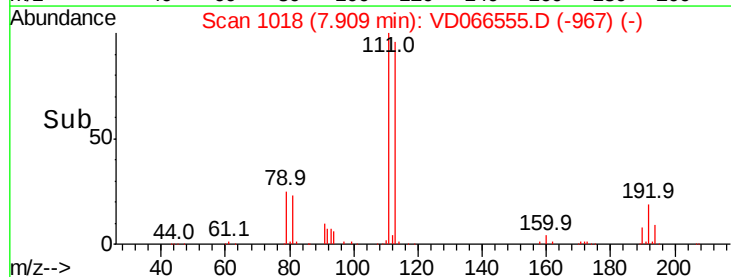
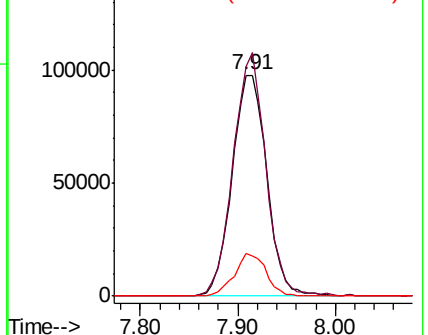
192 17.6 13.7 20.5

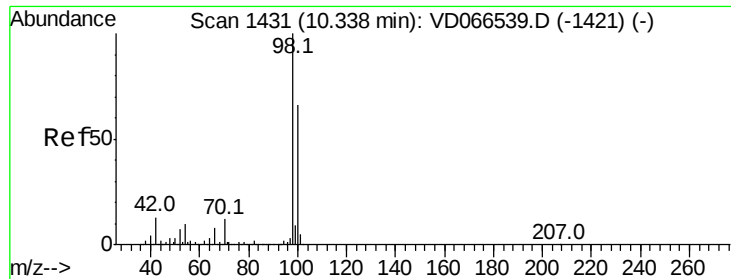


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.969 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

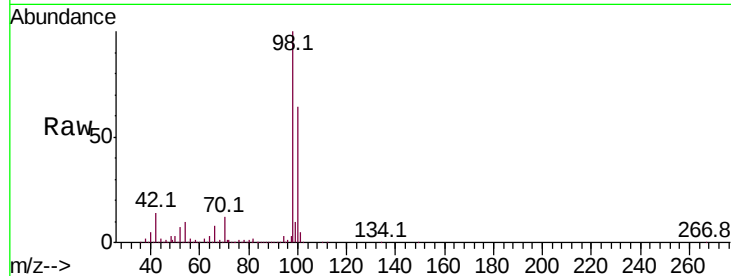
VD0904SBL01

Tot Ion: 98 Resp: 883530

Ion Ratio Lower Upper

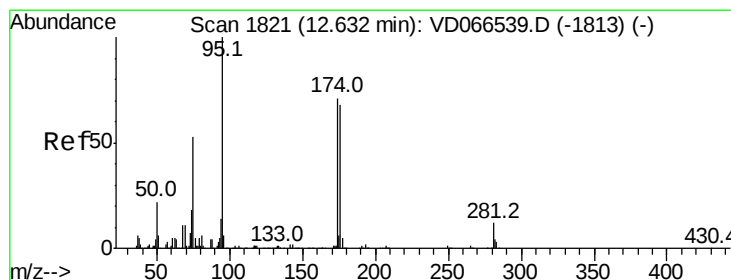
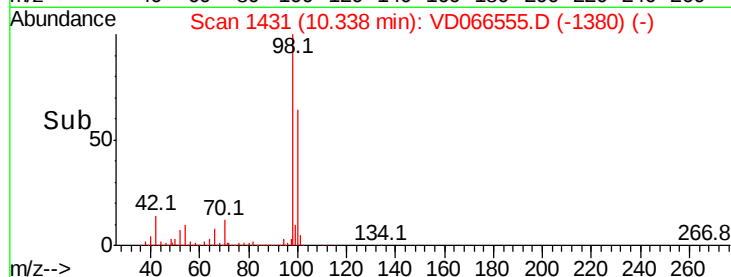
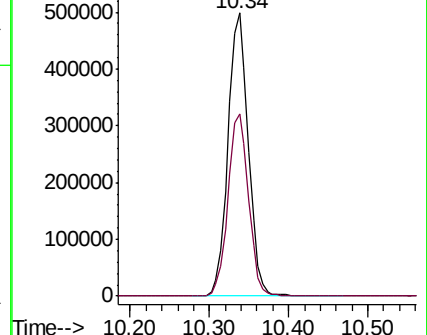
98 100

100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.547 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066555.D

Acq: 04 Sep 2020 11:31

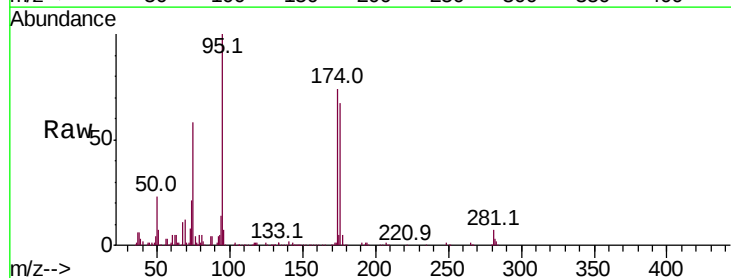
Tgt Ion: 95 Resp: 273300

Ion Ratio Lower Upper

95 100

174 78.7 0.0 155.8

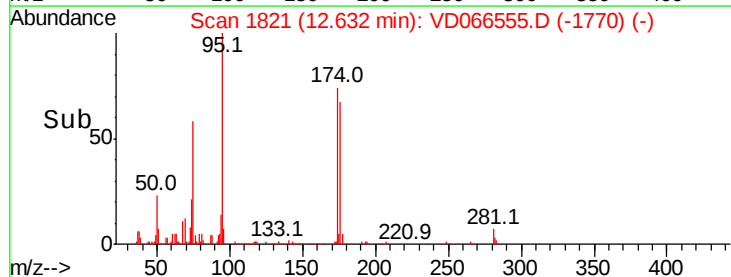
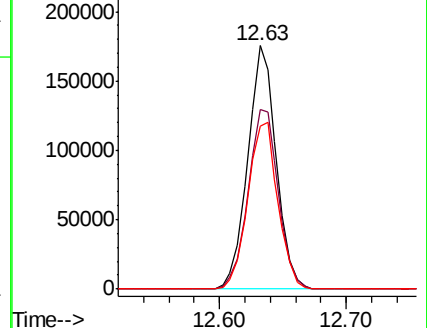
176 72.4 0.0 148.6

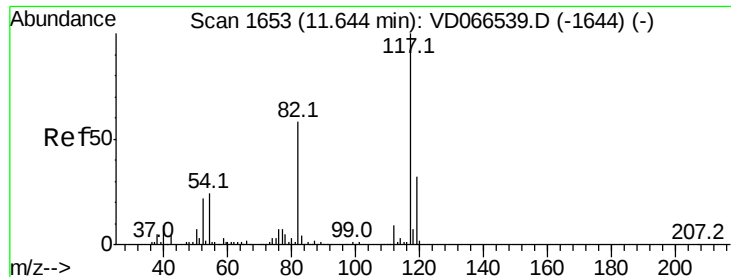


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

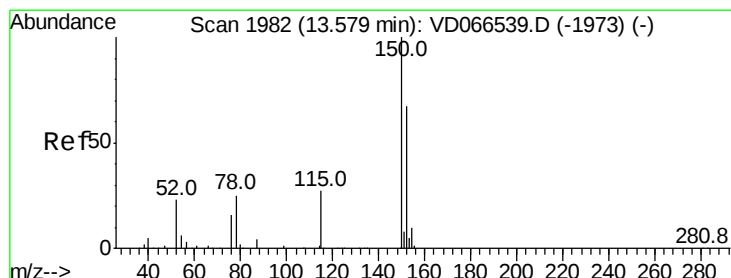
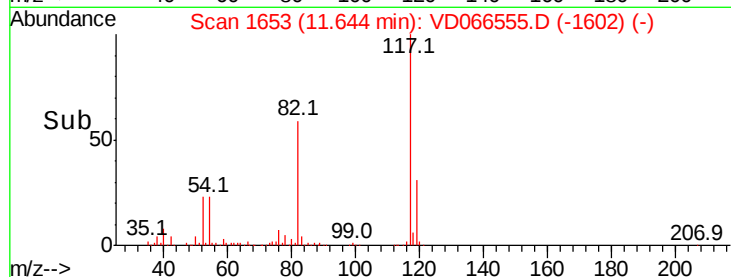
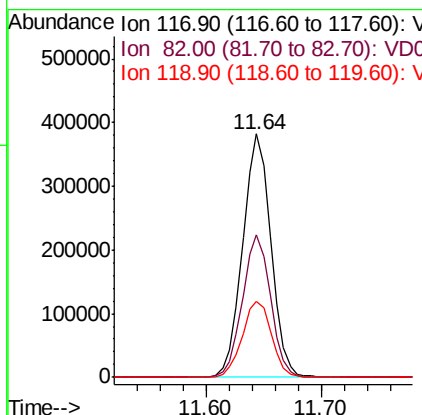
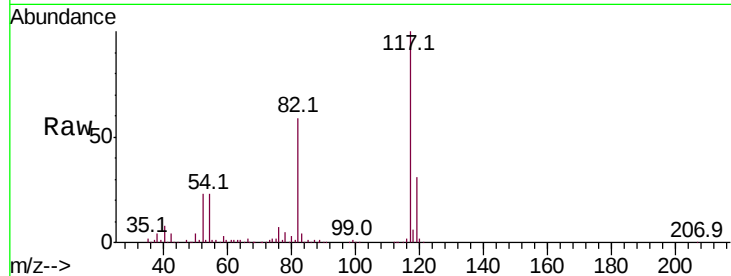




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066555.D
Acq: 04 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBL01

Tot Ion:117 Resp: 649266
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.2
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066555.D
Acq: 04 Sep 2020 11:31

Tgt Ion:152 Resp: 278554
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.2
150 161.5 0.0 345.8

