

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066531.D
 Acq On : 02 Sep 2020 19:05
 Operator : VA/SY
 Sample : L3876-02
 Misc : 1.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1494

Quant Time: Sep 03 04:11:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	150083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	213374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	177420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	83258	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	76202	47.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.42%	
35) Dibromofluoromethane	7.91	113	64748	50.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.90%	
50) Toluene-d8	10.34	98	232479	48.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.64	95	69666	40.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.12%	

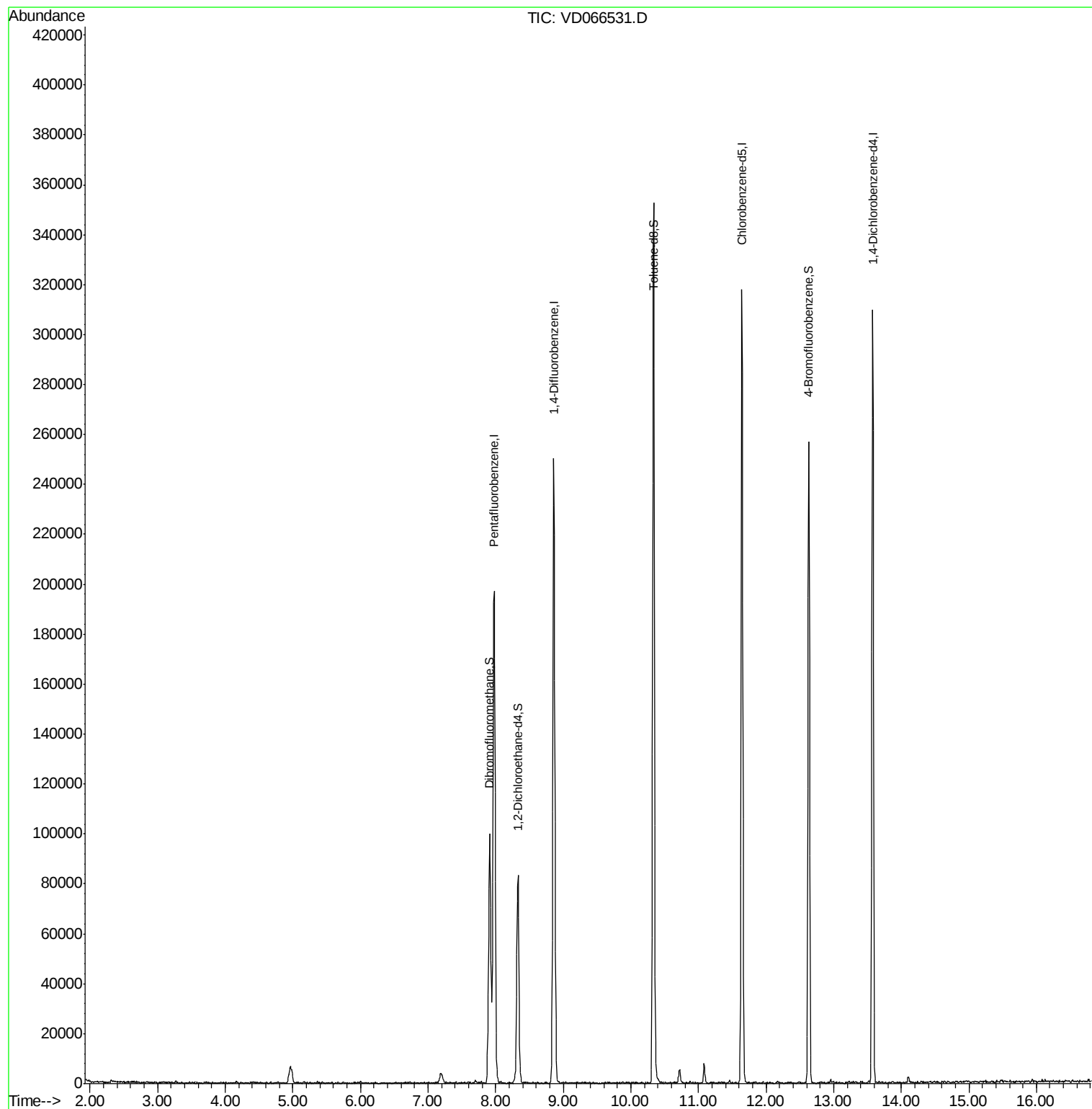
Target Compounds	Qvalue

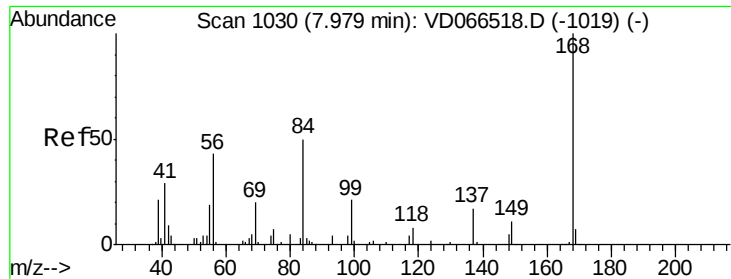
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampled :

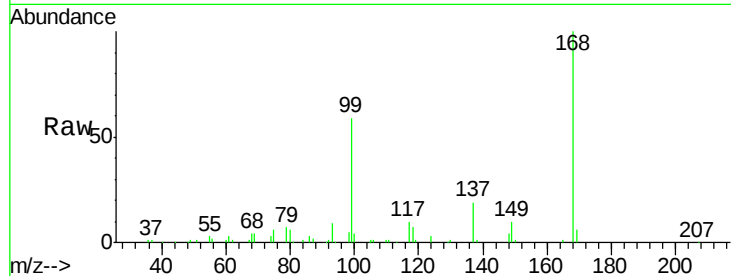
1494

Tot Ion:168 Resp: 150083

Ion Ratio Lower Upper

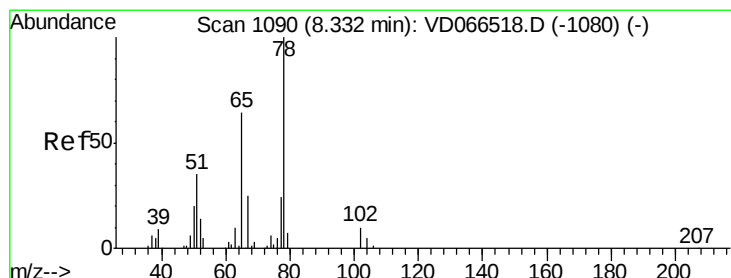
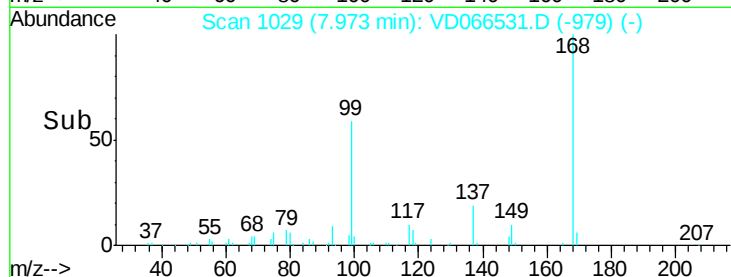
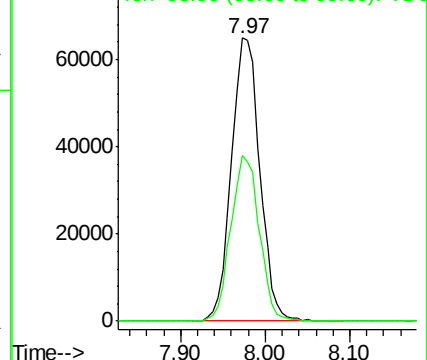
168 100

99 58.6 45.1 67.7



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: 47.211 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066531.D

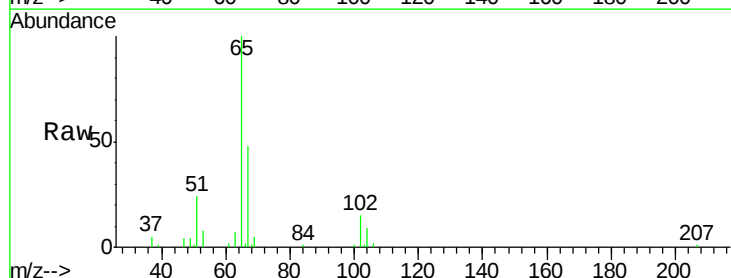
Acq: 02 Sep 2020 19:05

Tgt Ion: 65 Resp: 76202

Ion Ratio Lower Upper

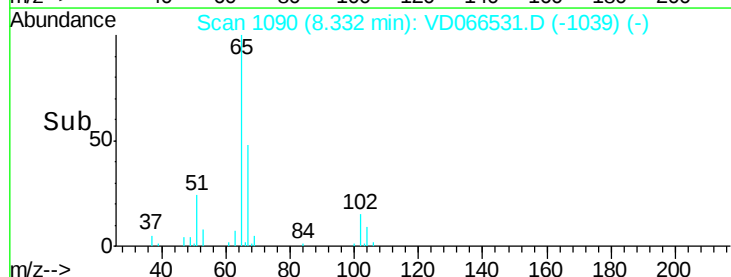
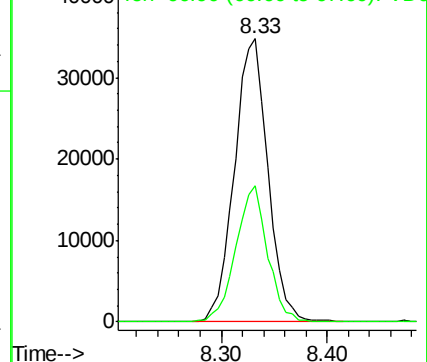
65 100

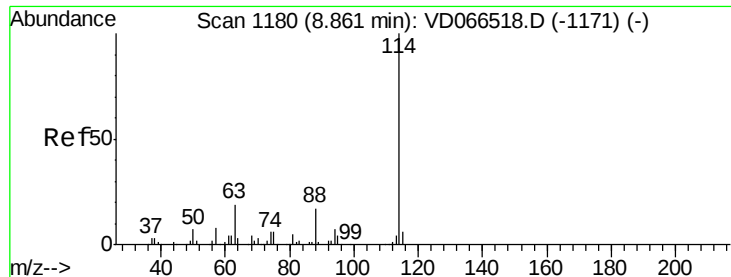
67 45.2 0.0 88.2



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: VD066531.D

Acq: 02 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

1494

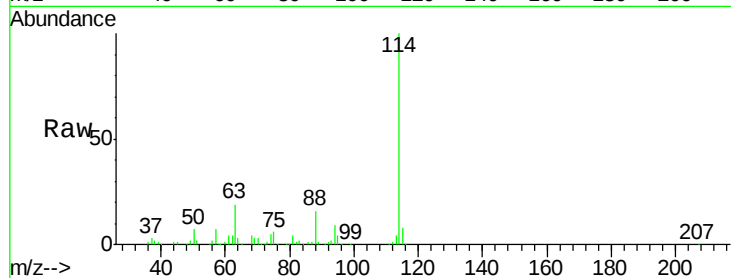
Tot Ion:114 Resp: 213374

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

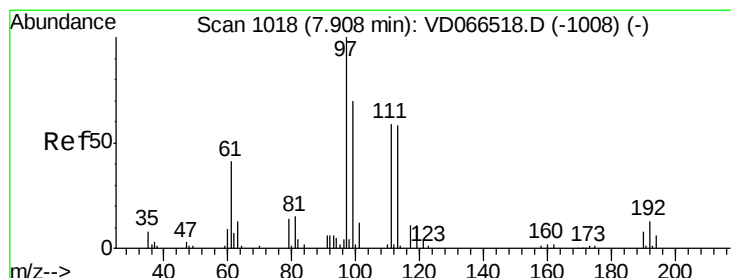
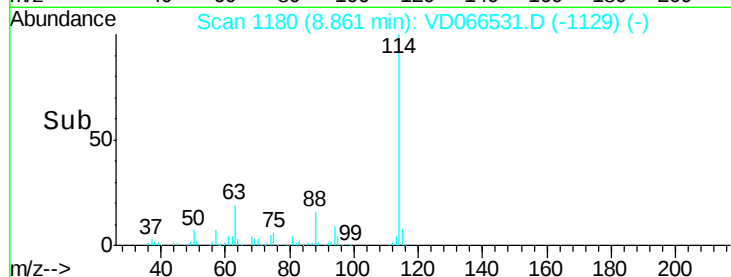
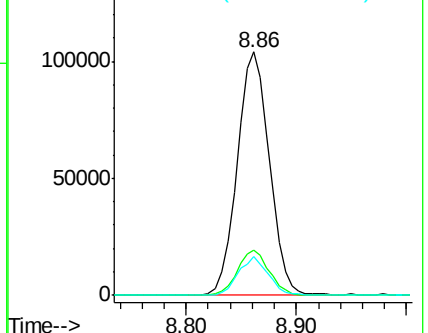
88 15.8 0.0 33.6



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: 50.453 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

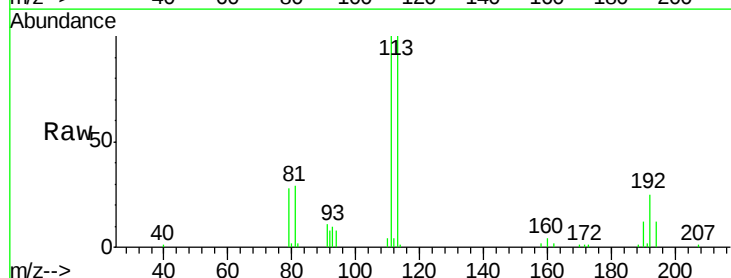
Tgt Ion:113 Resp: 64748

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

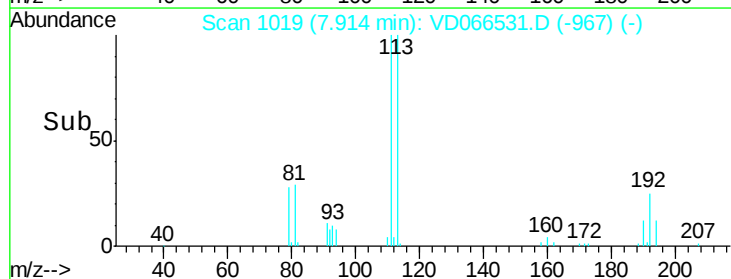
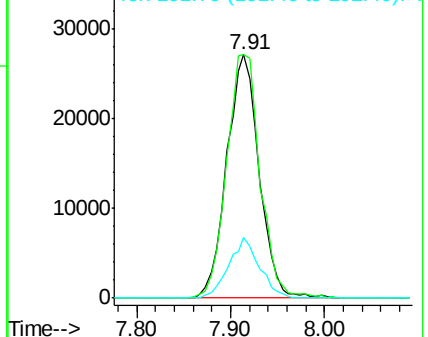
192 23.4 20.7 31.1

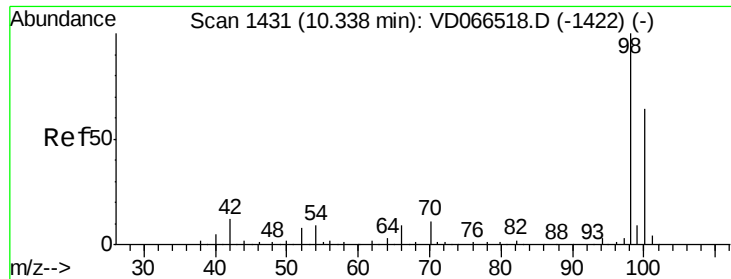


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.244 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampled :

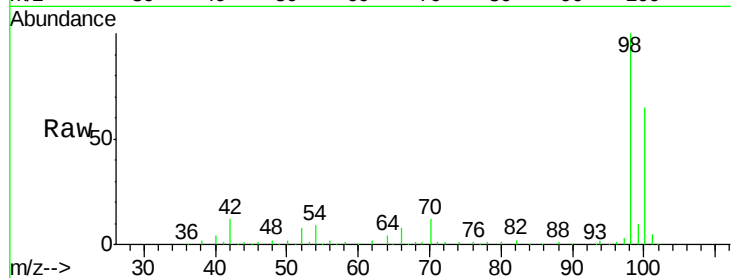
1494

Tot Ion: 98 Resp: 232479

Ion Ratio Lower Upper

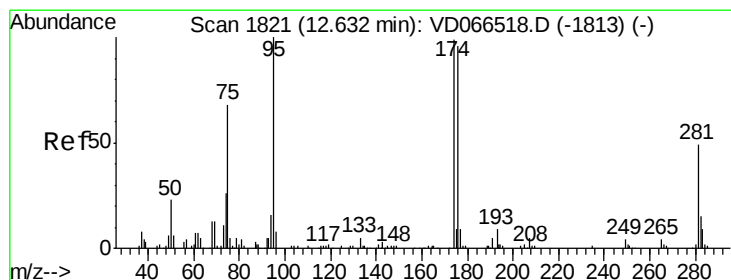
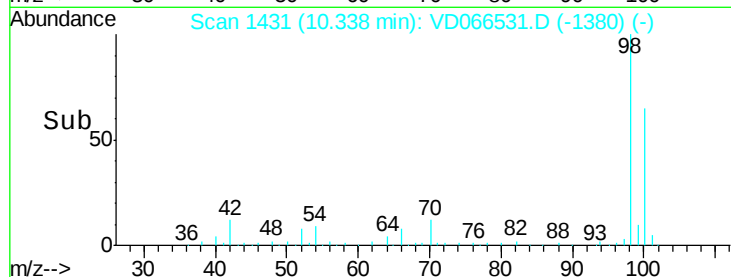
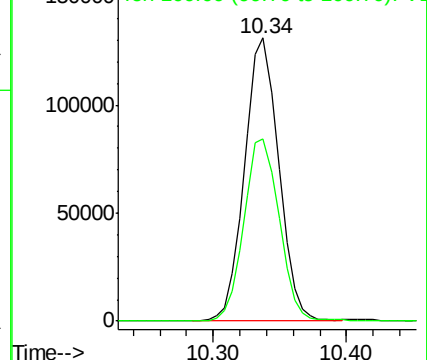
98 100

100 66.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 40.556 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066531.D

Acq: 02 Sep 2020 19:05

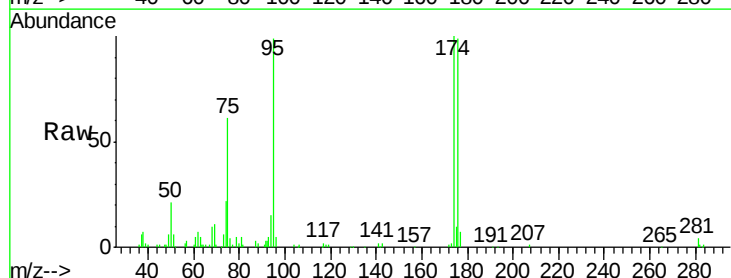
Tgt Ion: 95 Resp: 69666

Ion Ratio Lower Upper

95 100

174 103.9 0.0 203.2

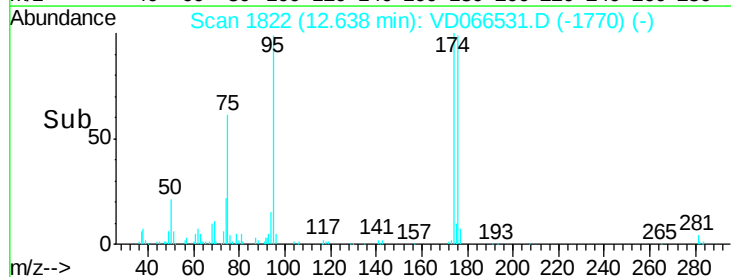
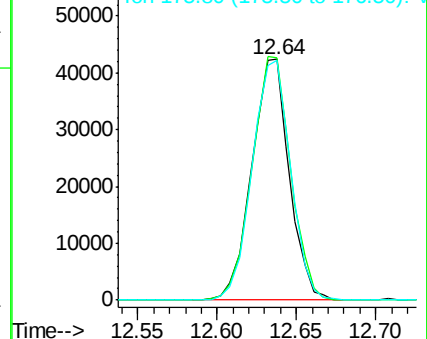
176 101.8 0.0 198.6

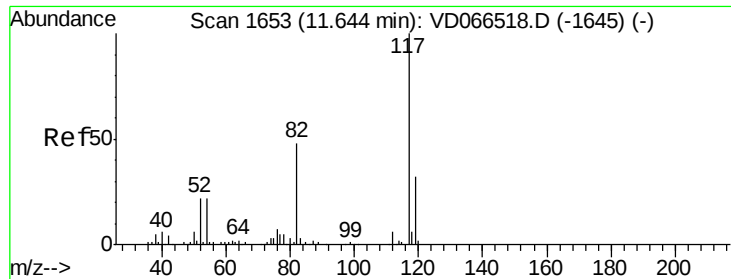


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

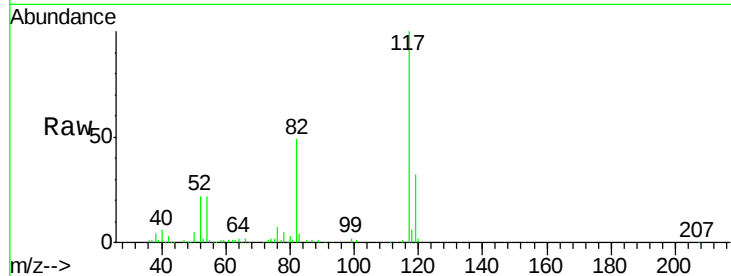




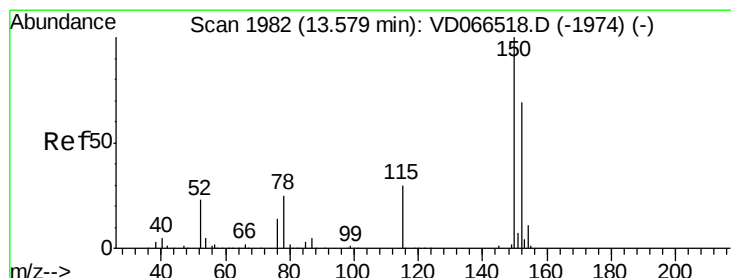
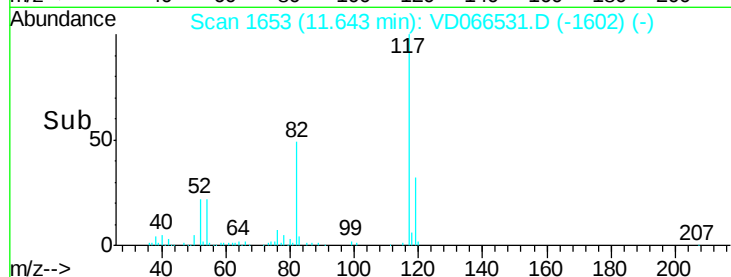
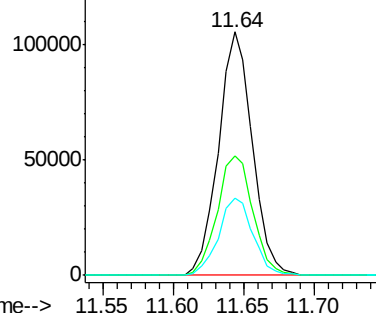
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066531.D
Acq: 02 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
1494

Tot Ion:117 Resp: 177420
Ion Ratio Lower Upper
117 100
82 49.1 38.5 57.7
119 31.5 25.9 38.9

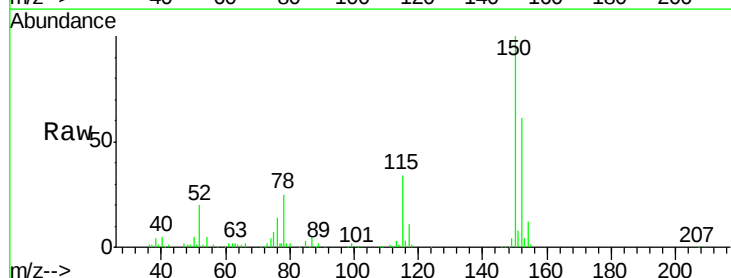


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066531.D
Acq: 02 Sep 2020 19:05

Tgt Ion:152 Resp: 83258
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.8
150 158.7 0.0 339.6



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

