

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066533.D
 Acq On : 02 Sep 2020 20:00
 Operator : VA/SY
 Sample : L3876-04
 Misc : 1.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1447

Quant Time: Sep 03 04:14:28 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	134415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	184088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	166765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	82700	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	77395	53.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.08%	
35) Dibromofluoromethane	7.91	113	56467	51.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.00%	
50) Toluene-d8	10.34	98	210576	50.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.63	95	67846	45.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.56%	

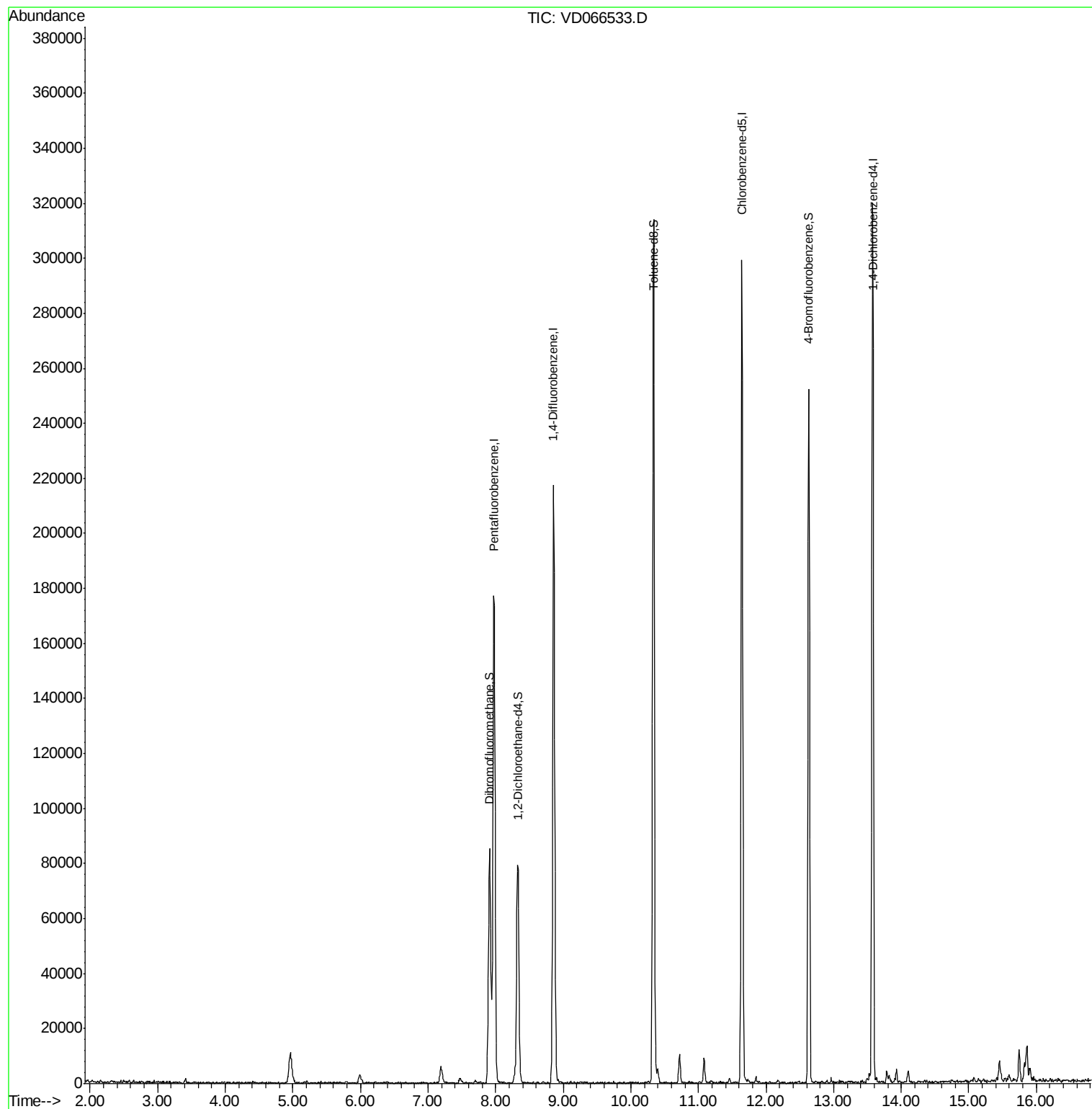
Target Compounds	Qvalue
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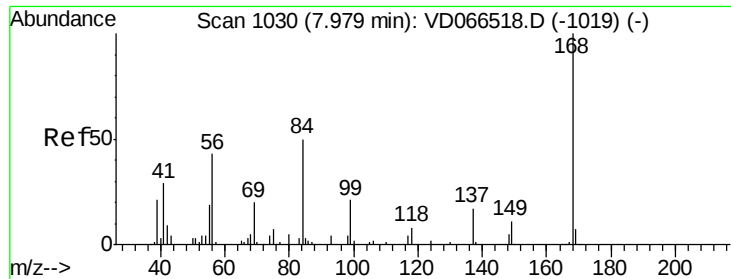
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066533.D

Acq: 02 Sep 2020 20:00

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ClientSampleId :

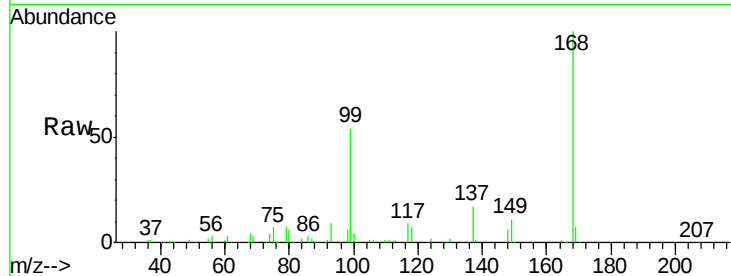
1447

Tot Ion:168 Resp: 134415

Ion Ratio Lower Upper

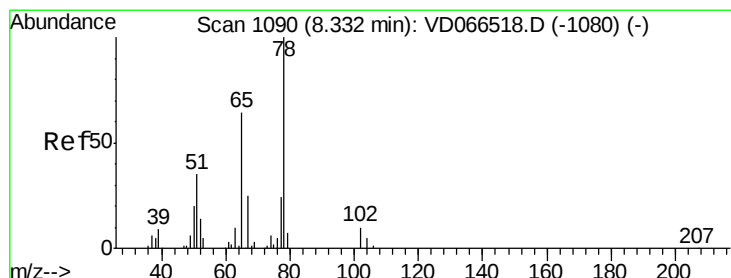
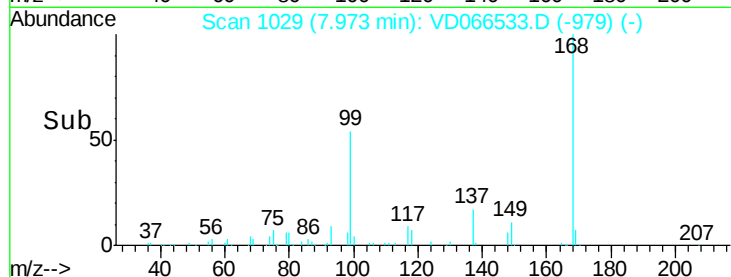
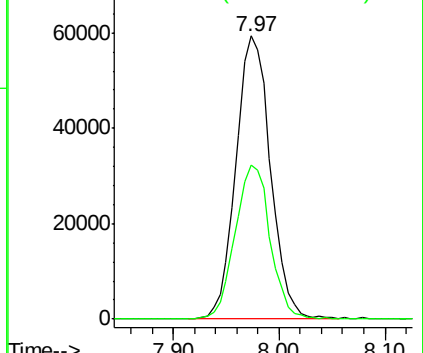
168 100

99 54.3 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: 53.539 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066533.D

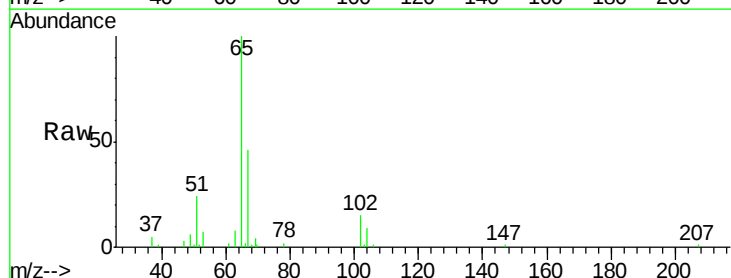
Acq: 02 Sep 2020 20:00

Tgt Ion: 65 Resp: 77395

Ion Ratio Lower Upper

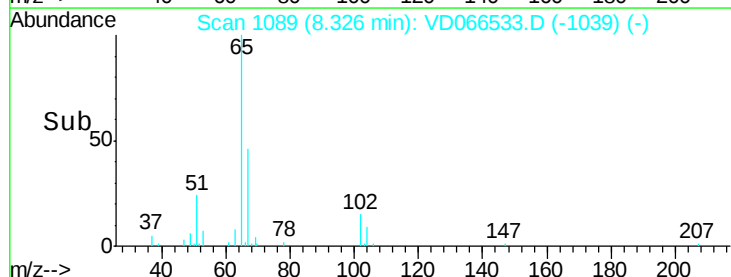
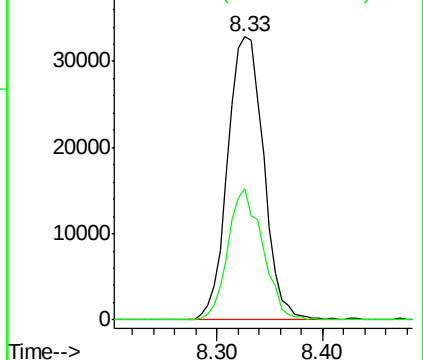
65 100

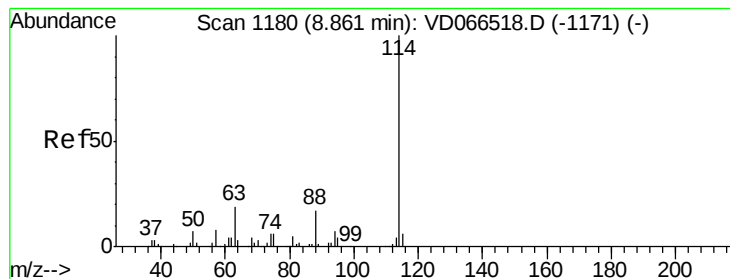
67 44.7 0.0 88.2



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# 1179

Delta R.T. -0.01 min

Lab File: VD066533.D

Acq: 02 Sep 2020 20:00

Instrument :

MSVOA_D

ClientSampleId :

1447

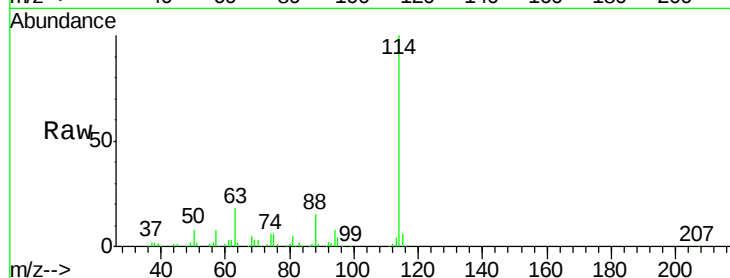
Tot Ion:114 Resp: 184088

Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.6

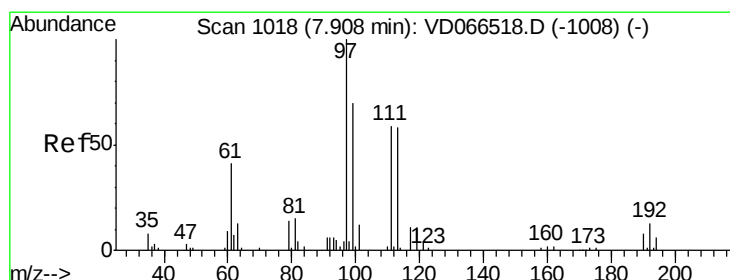
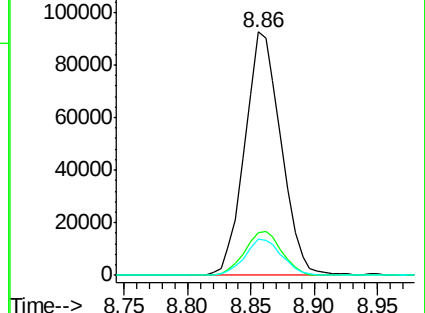
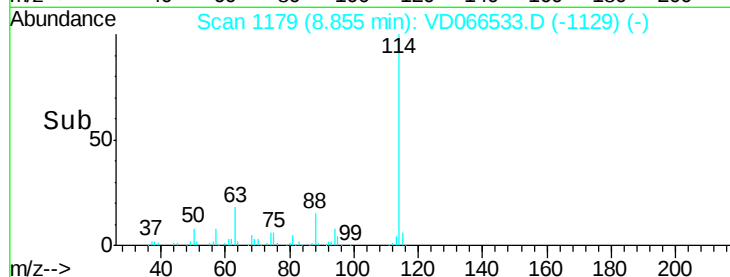
88 14.8 0.0 33.6



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: 51.000 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066533.D

Acq: 02 Sep 2020 20:00

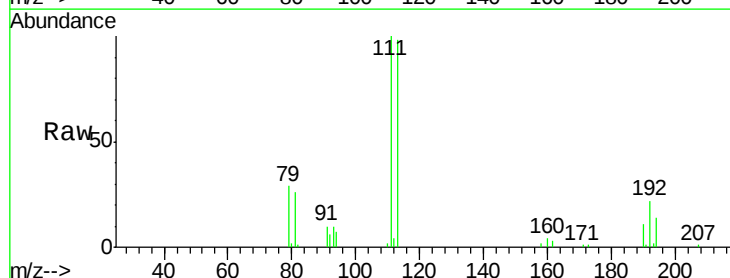
Tgt Ion:113 Resp: 56467

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

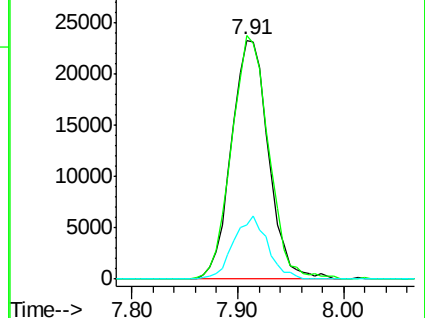
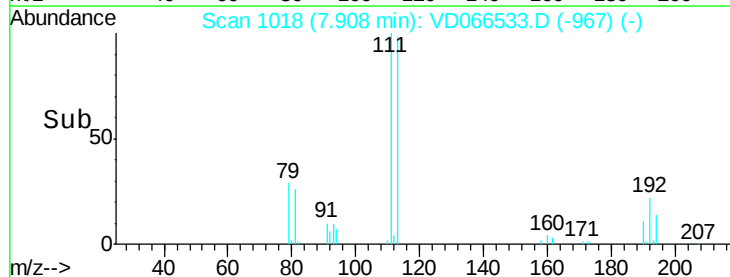
192 24.3 20.7 31.1

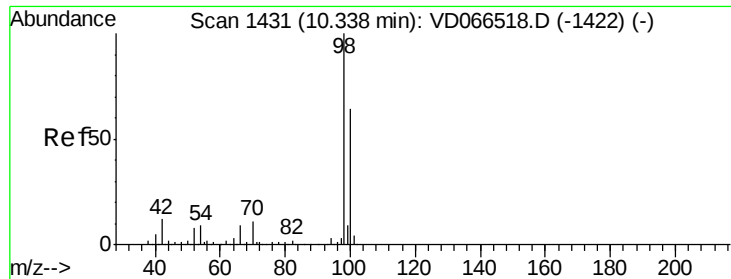


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

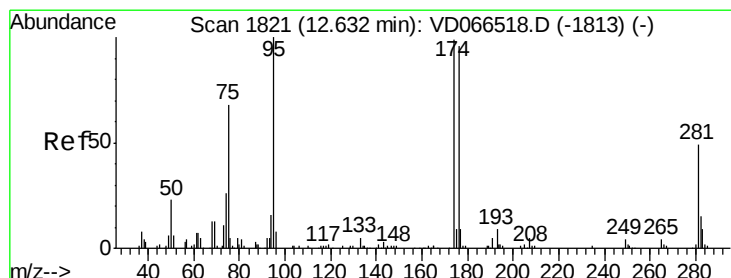
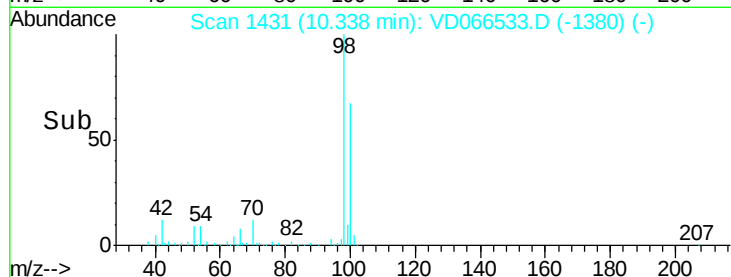
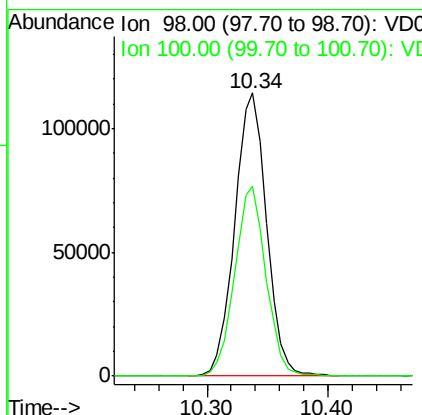
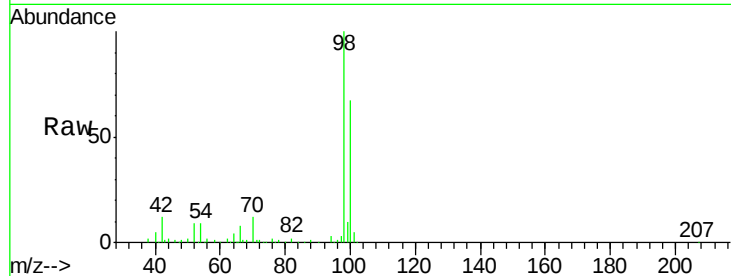




#50
Toluene-d8
Concen: 50.650 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066533.D
Acq: 02 Sep 2020 20:00

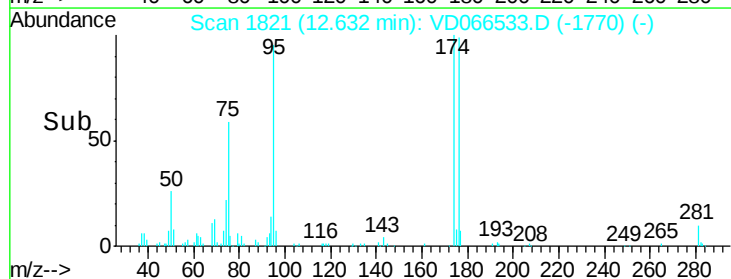
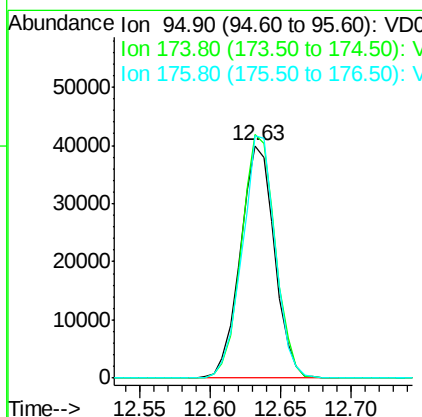
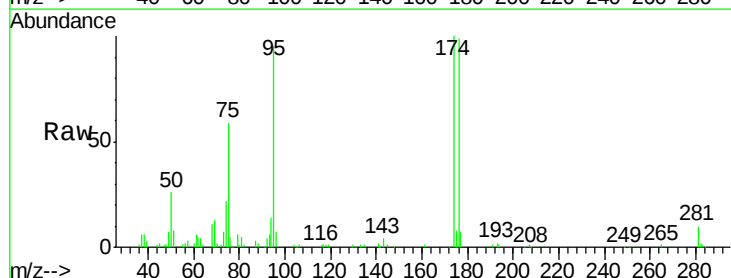
Instrument :
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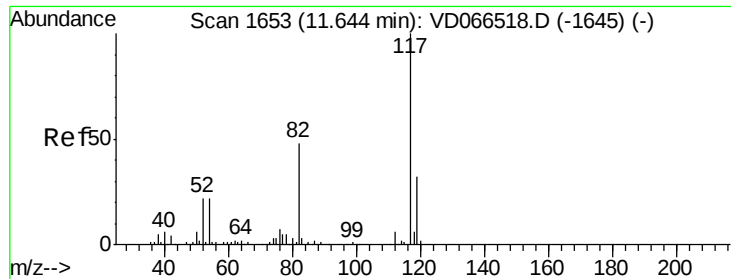
Tot Ion: 98 Resp: 210576
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.780 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066533.D
Acq: 02 Sep 2020 20:00

Tgt Ion: 95 Resp: 67846
Ion Ratio Lower Upper
95 100
174 103.1 0.0 203.2
176 100.3 0.0 198.6

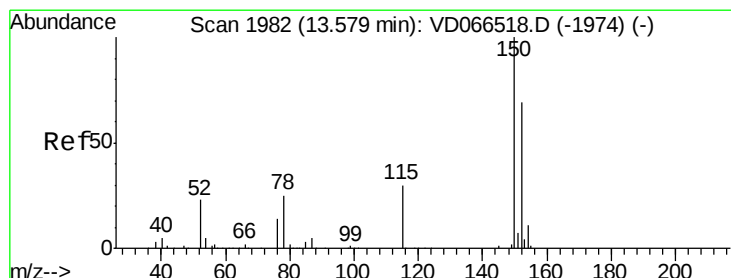
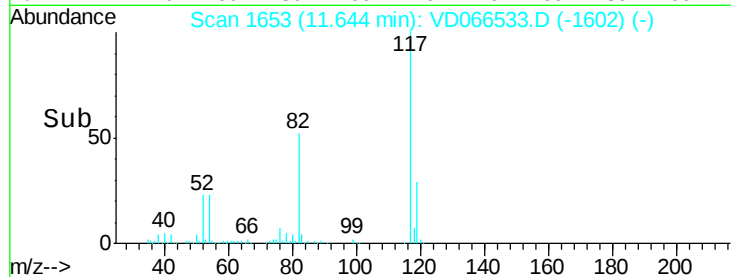
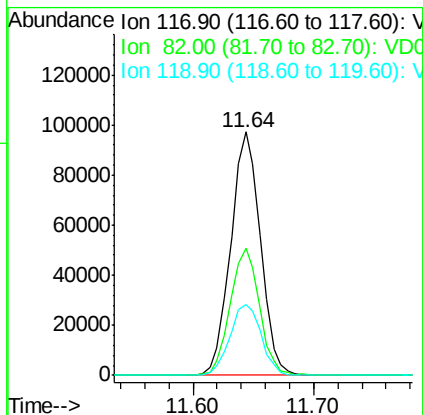
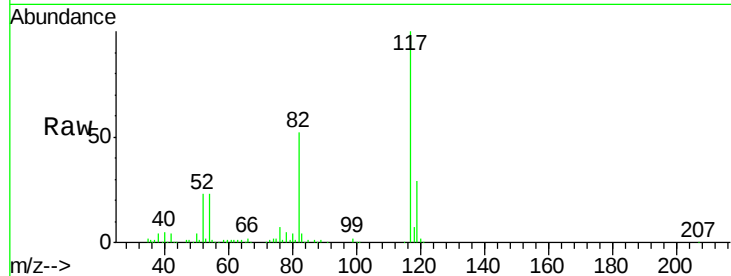




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066533.D
Acq: 02 Sep 2020 20:00

Instrument :
MSVOA_D
ClientSampleId :
1447

Tot Ion:117 Resp: 166765
Ion Ratio Lower Upper
117 100
82 52.2 38.5 57.7
119 29.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066533.D
Acq: 02 Sep 2020 20:00

Tgt Ion:152 Resp: 82700
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.8
150 153.4 0.0 339.6

