

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066532.D
 Acq On : 02 Sep 2020 19:33
 Operator : VA/SY
 Sample : L3876-03
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1449

Quant Time: Sep 03 04:13:11 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	7.98	168	168795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	241397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	223068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	118427	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	92501	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
35) Dibromofluoromethane	7.91	113	72864	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	10.34	98	280690	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.63	95	94217	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	

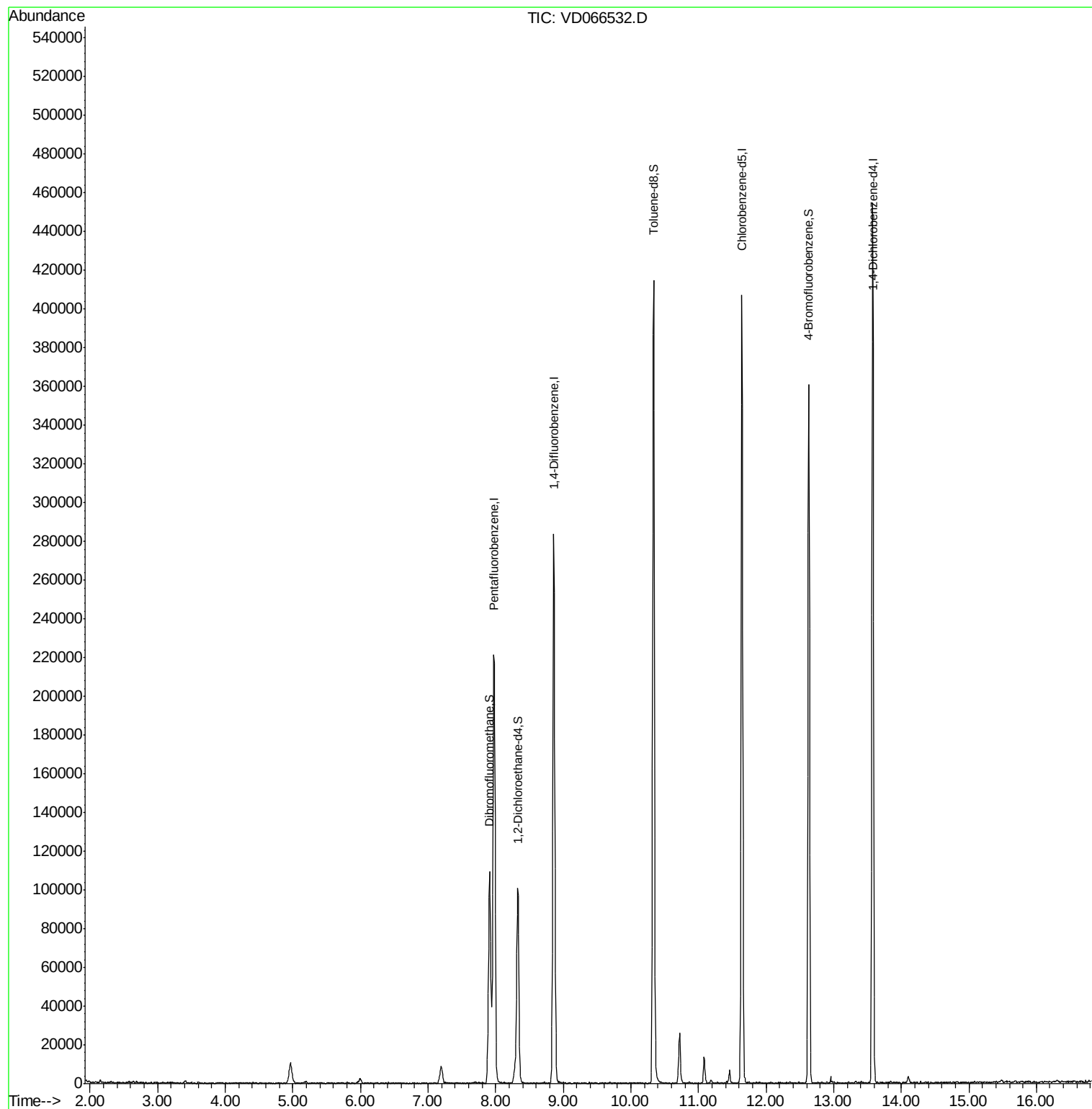
Target Compounds	Qvalue
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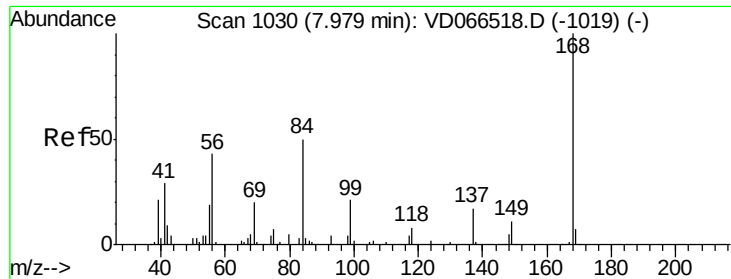
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

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ClientSampleId :

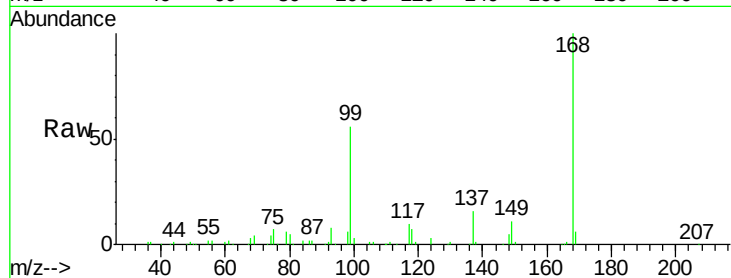
1449

Tot Ion:168 Resp: 168795

Ion Ratio Lower Upper

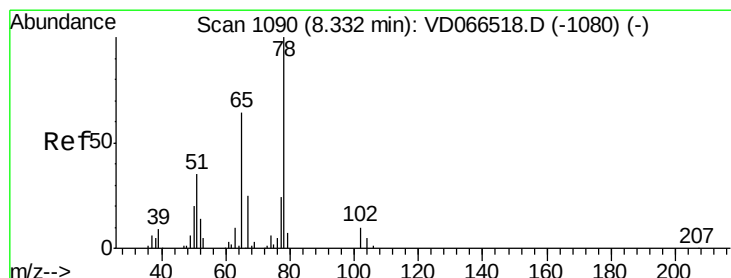
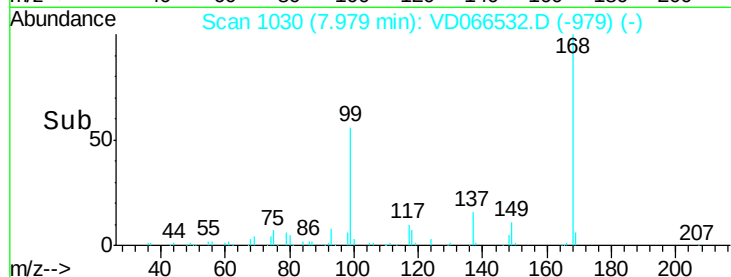
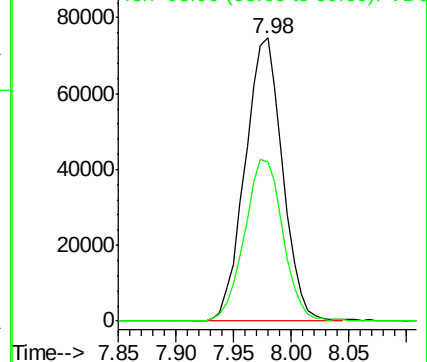
168 100

99 56.2 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: 50.956 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066532.D

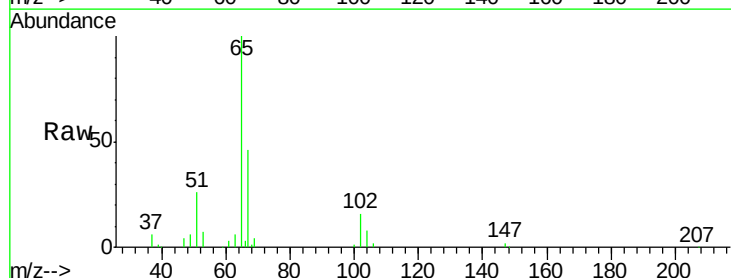
Acq: 02 Sep 2020 19:33

Tgt Ion: 65 Resp: 92501

Ion Ratio Lower Upper

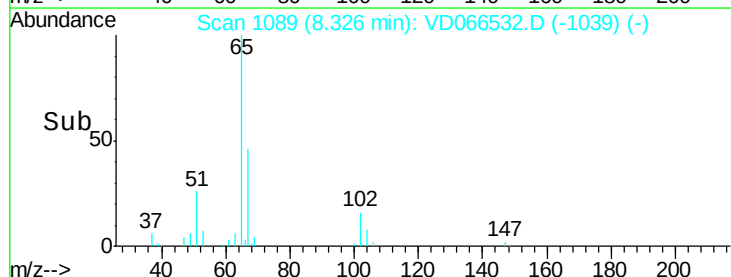
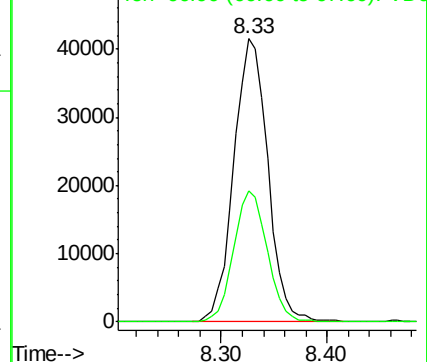
65 100

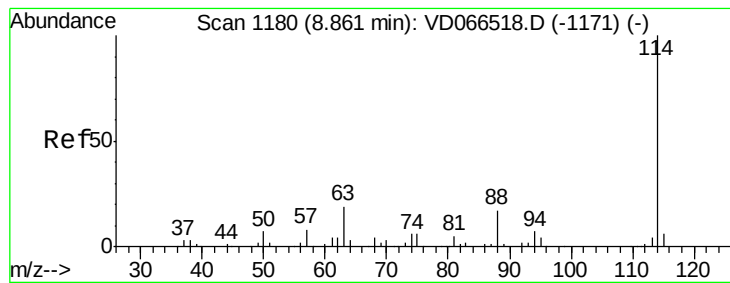
67 45.5 0.0 88.2



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: VD066532.D

Acq: 02 Sep 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

1449

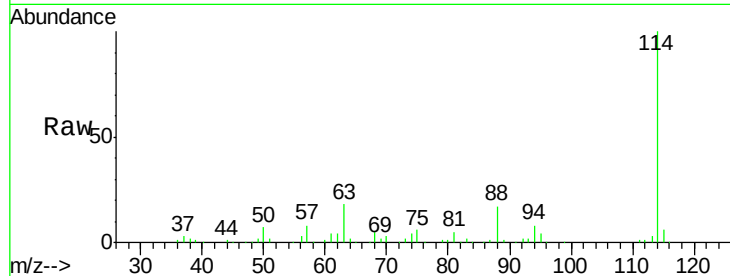
Tot Ion:114 Resp: 241397

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.6

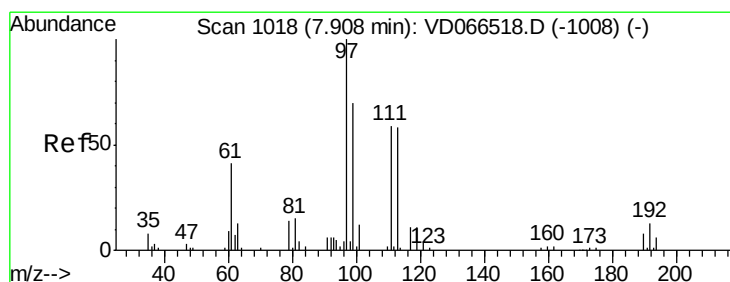
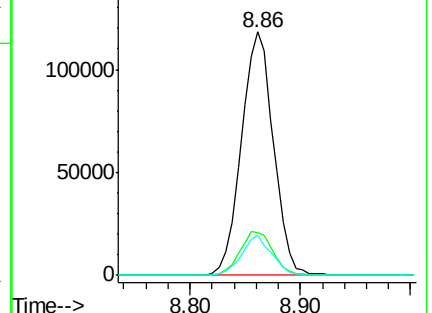
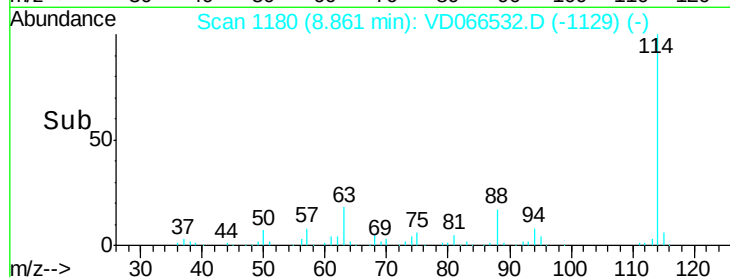
88 16.5 0.0 33.6



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: 50.186 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066532.D

Acq: 02 Sep 2020 19:33

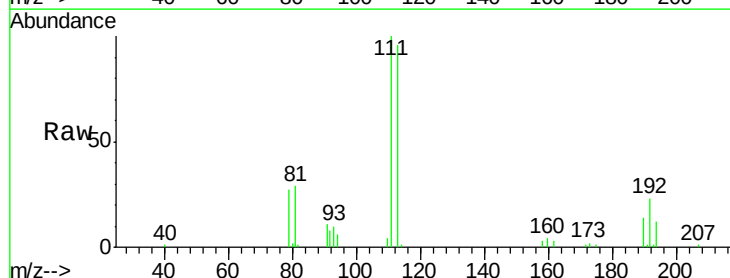
Tgt Ion:113 Resp: 72864

Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

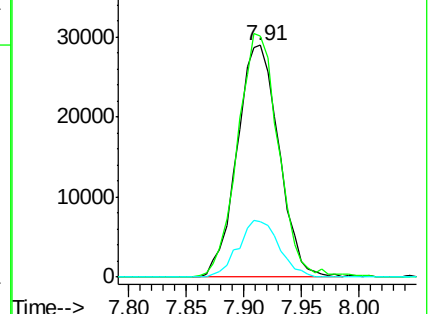
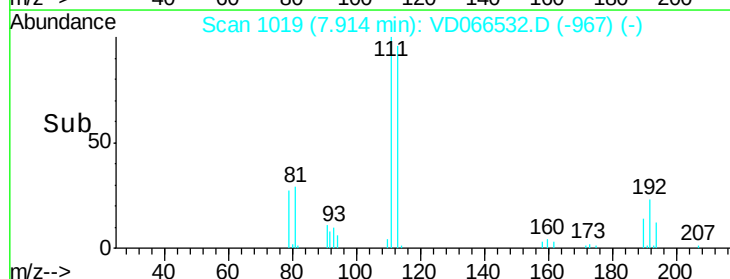
192 23.9 20.7 31.1

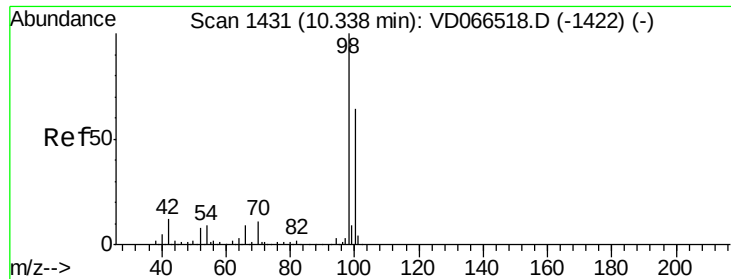


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

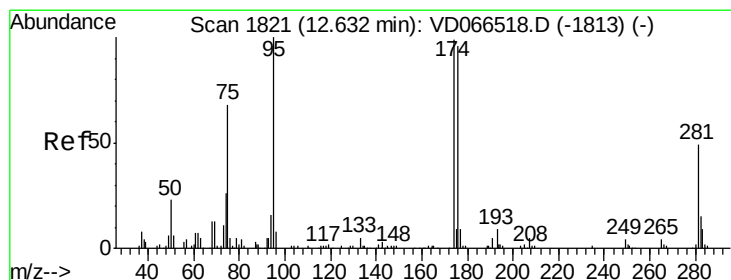
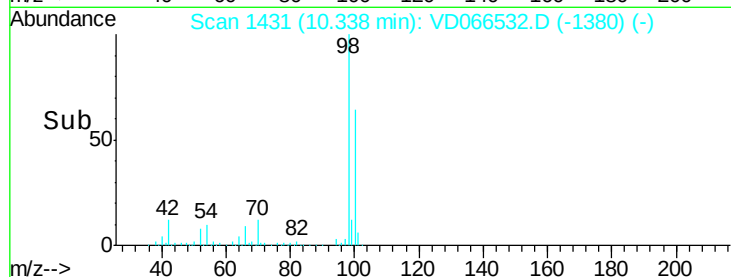
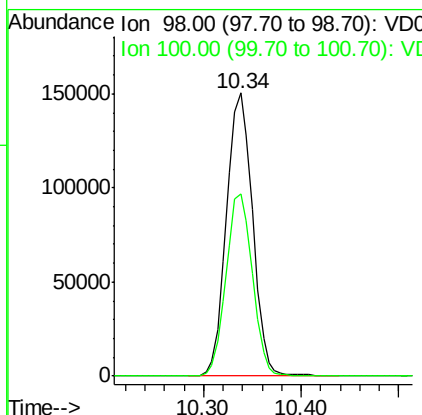
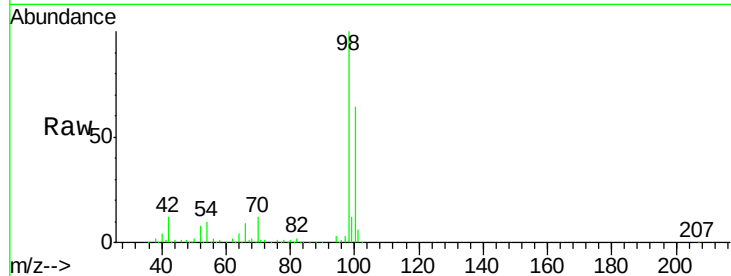




#50
Toluene-d8
Concen: 51.486 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066532.D
Acq: 02 Sep 2020 19:33

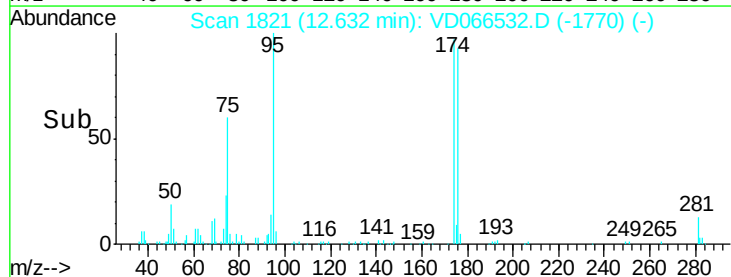
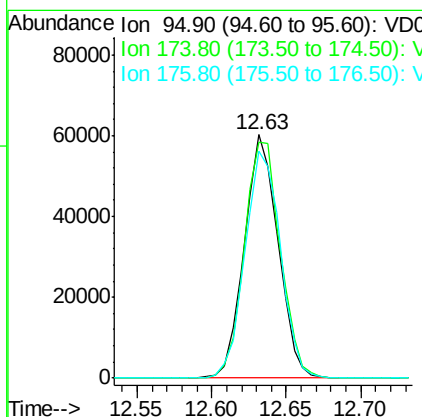
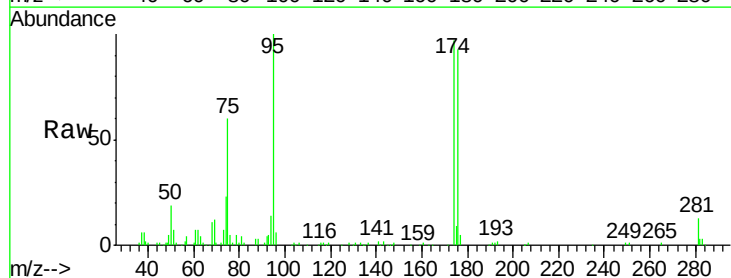
Instrument :
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1449

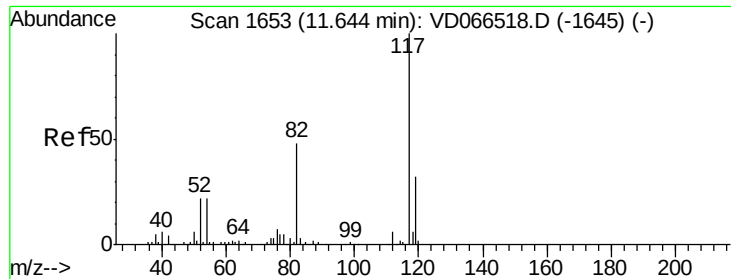
Tot Ion: 98 Resp: 280690
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.482 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066532.D
Acq: 02 Sep 2020 19:33

Tgt Ion: 95 Resp: 94217
Ion Ratio Lower Upper
95 100
174 103.4 0.0 203.2
176 98.0 0.0 198.6

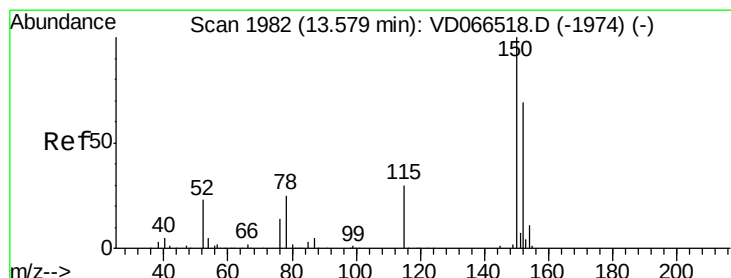
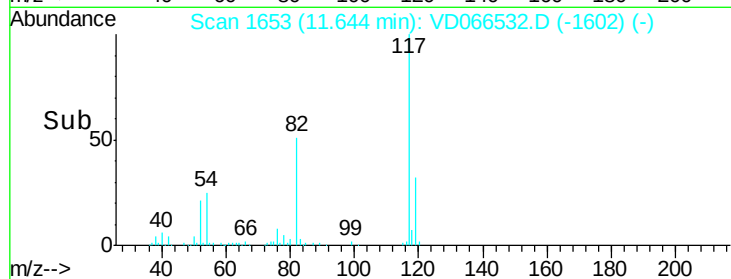
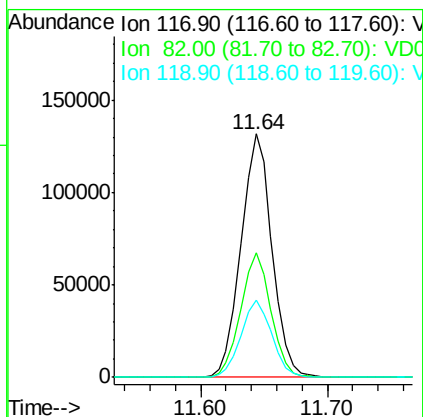
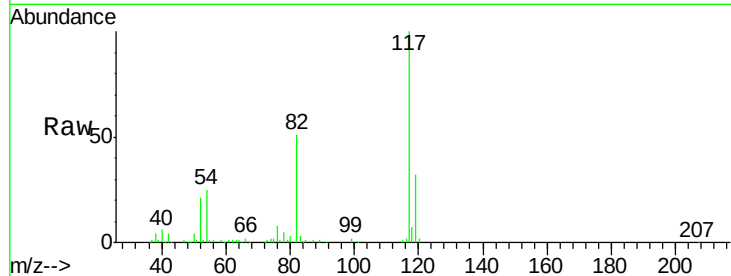




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066532.D
Acq: 02 Sep 2020 19:33

Instrument :
MSVOA_D
ClientSampleId :
1449

Tot Ion:117 Resp: 223068
Ion Ratio Lower Upper
117 100
82 51.2 38.5 57.7
119 31.7 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: VD066532.D
Acq: 02 Sep 2020 19:33

Tgt Ion:152 Resp: 118427
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.8
150 157.6 0.0 339.6

