

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066624.D
 Acq On : 10 Sep 2020 18:56
 Operator : VA/SY
 Sample : L3896-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Sep 11 02:59:45 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	7.97	168	345552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	621615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	571609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206829	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	231977	55.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.98%	
35) Dibromofluoromethane	7.91	113	218506	52.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.22%	
50) Toluene-d8	10.34	98	770480	51.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.63	95	232690	46.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.64%	

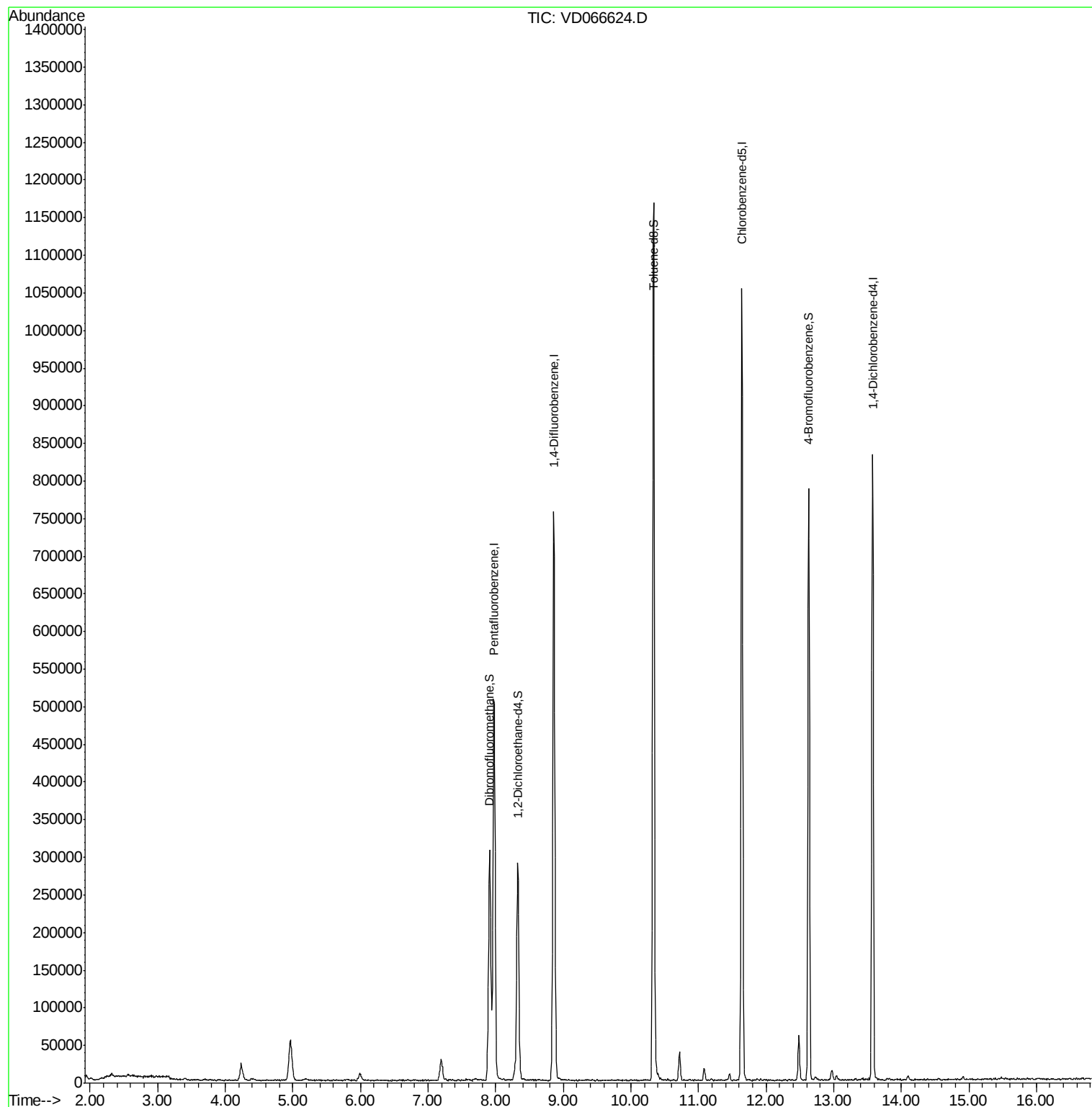
Target Compounds	Qvalue

(#) = 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

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MSVOA_D

ClientSampleId :

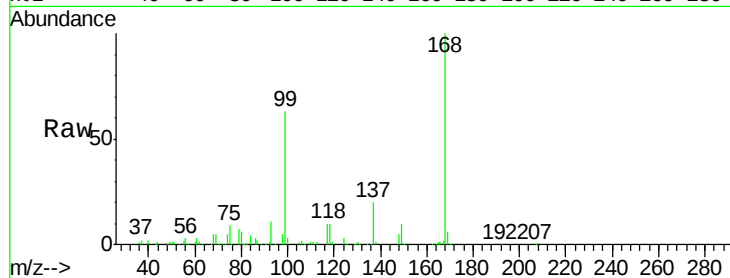
WC-1

Tot Ion:168 Resp: 345552

Ion Ratio Lower Upper

168 100

99 63.2 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

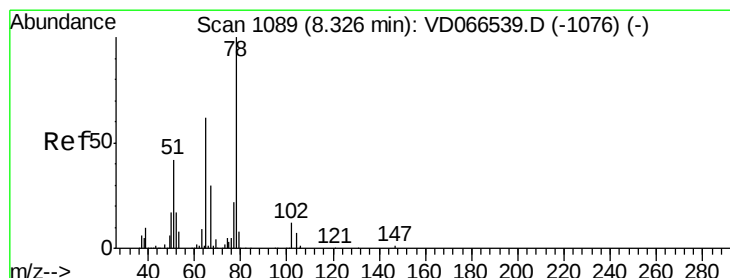
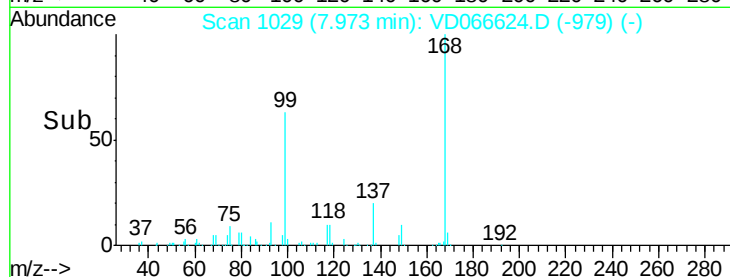
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.486 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066624.D

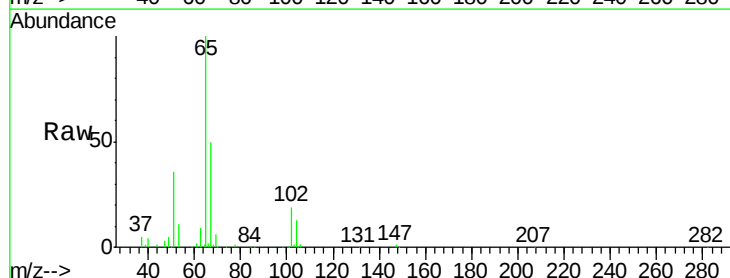
Acq: 10 Sep 2020 18:56

Tgt Ion: 65 Resp: 231977

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

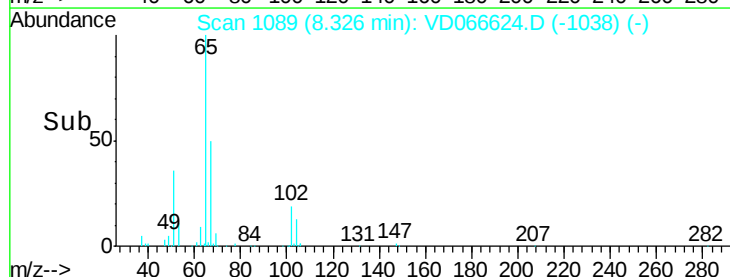
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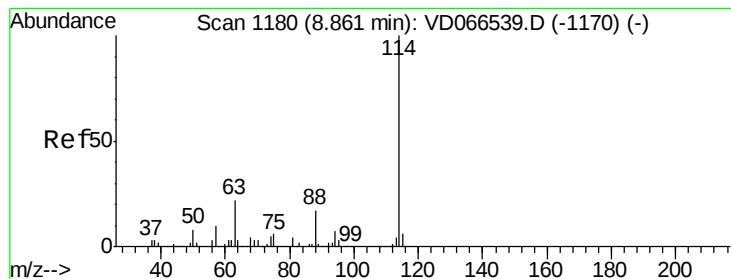
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066624.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

WC-1

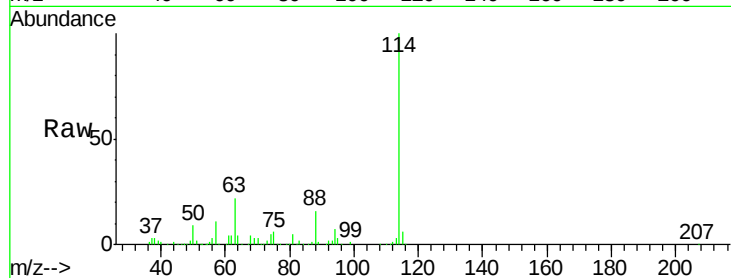
Tot Ion:114 Resp: 621615

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

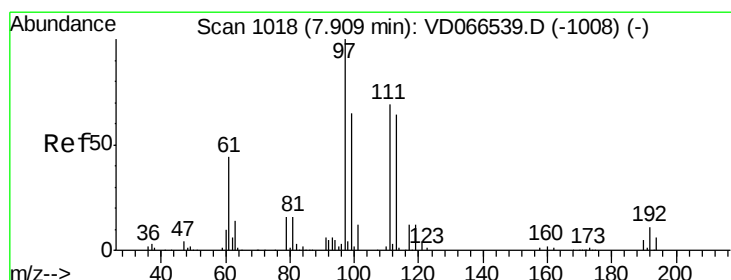
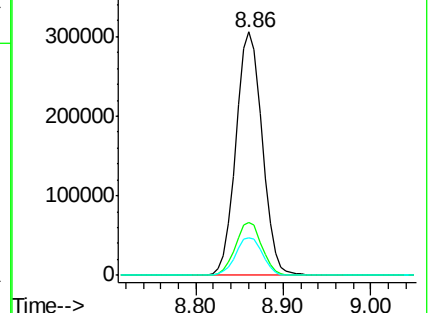
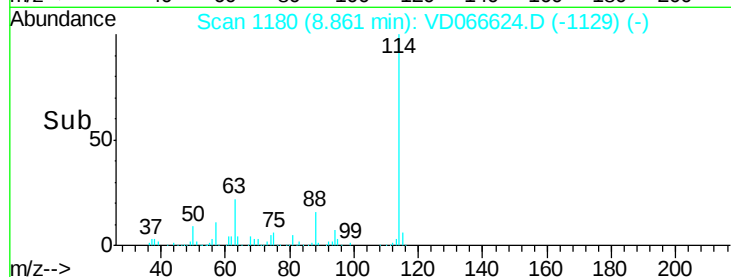
88 15.5 0.0 33.2



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: 52.106 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066624.D

Acq: 10 Sep 2020 18:56

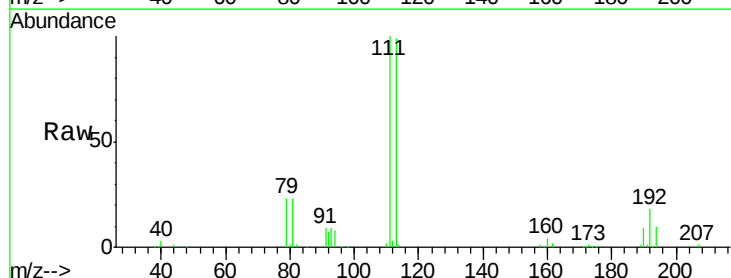
Tgt Ion:113 Resp: 218506

Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

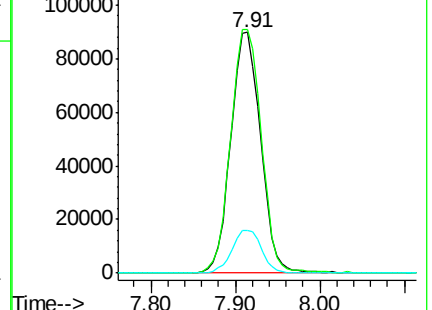
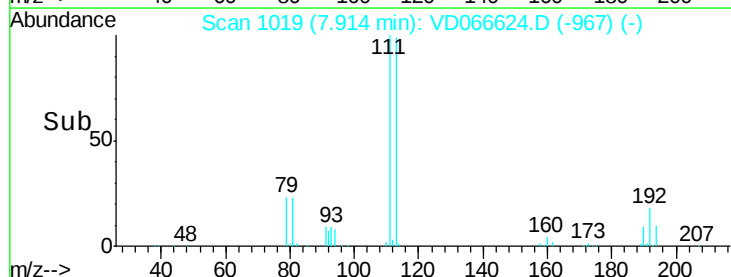
192 17.7 13.7 20.5

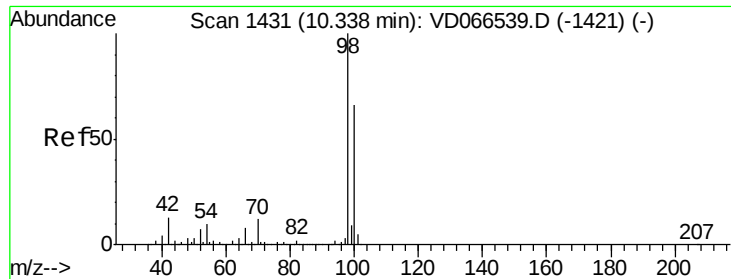


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

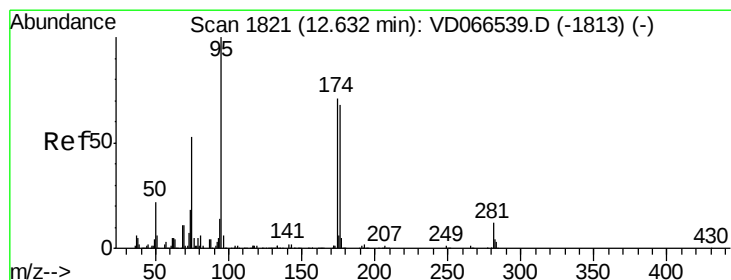
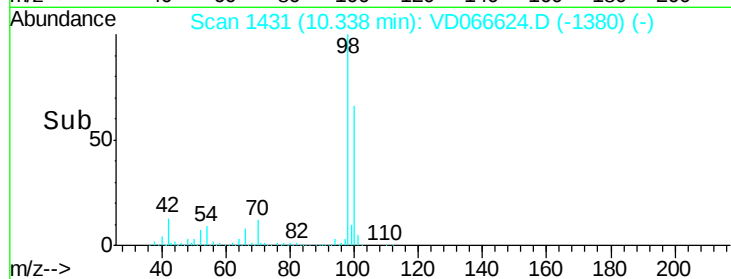
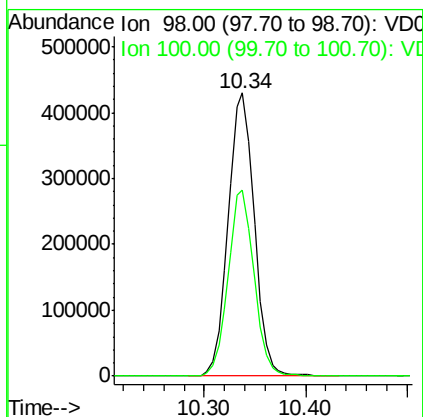
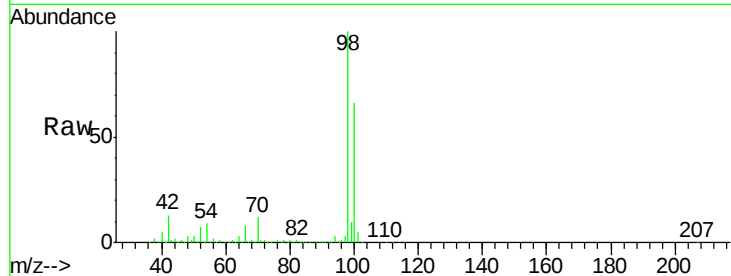




#50
Toluene-d8
Concen: 51.406 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

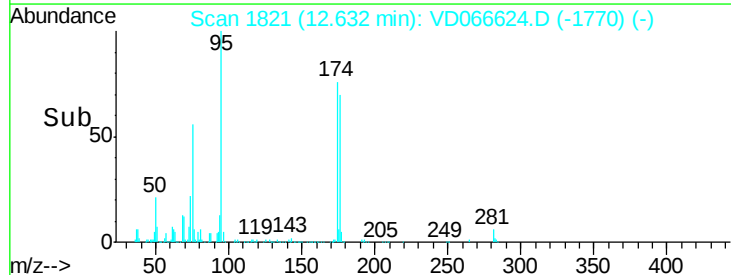
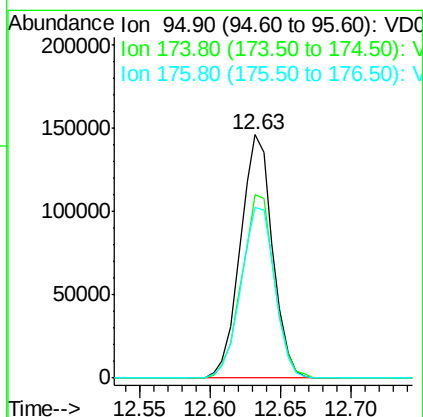
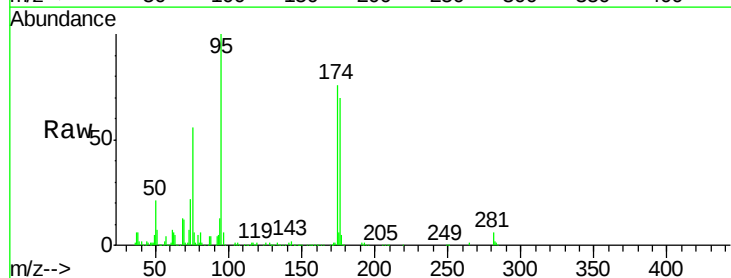
Instrument :
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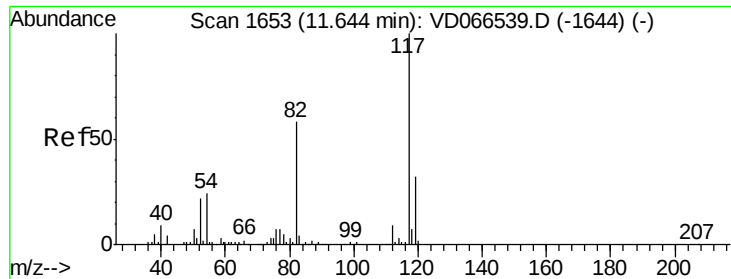
Tot Ion: 98 Resp: 770480
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.820 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 95 Resp: 232690
Ion Ratio Lower Upper
95 100
174 76.9 0.0 155.8
176 73.8 0.0 148.6

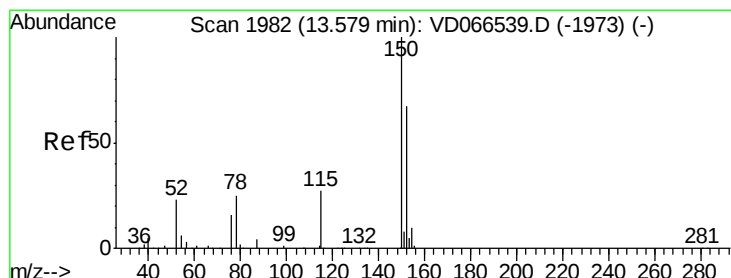
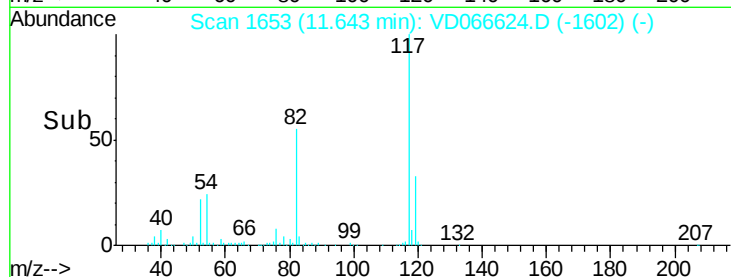
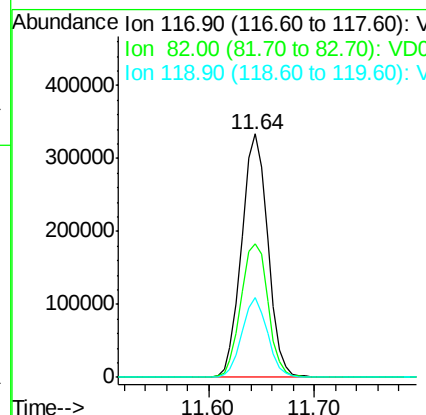
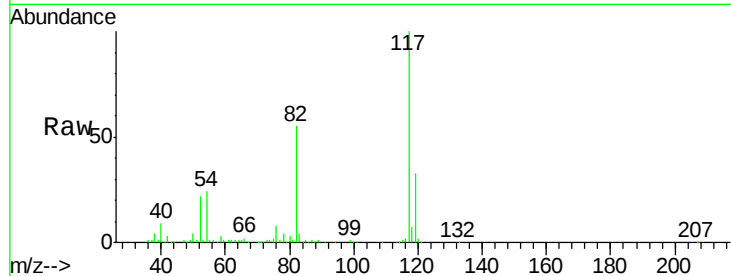




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tot Ion:117 Resp: 571609
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.2
119 32.7 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: VD066624.D
Acq: 10 Sep 2020 18:56

Tgt Ion:152 Resp: 206829
Ion Ratio Lower Upper
152 100
115 62.9 30.4 91.2
150 155.0 0.0 345.8

