

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066094.D
 Acq On : 29 Jul 2020 17:27
 Operator : VA/SY
 Sample : L3489-10
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-10

Quant Time: Jul 30 02:11:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	22534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	34846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	41831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	23835	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	15268	83.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	166.54%	
35) Dibromofluoromethane	7.91	113	12548	59.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.74%	
50) Toluene-d8	10.34	98	41158	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.64	95	18398	67.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.78%	

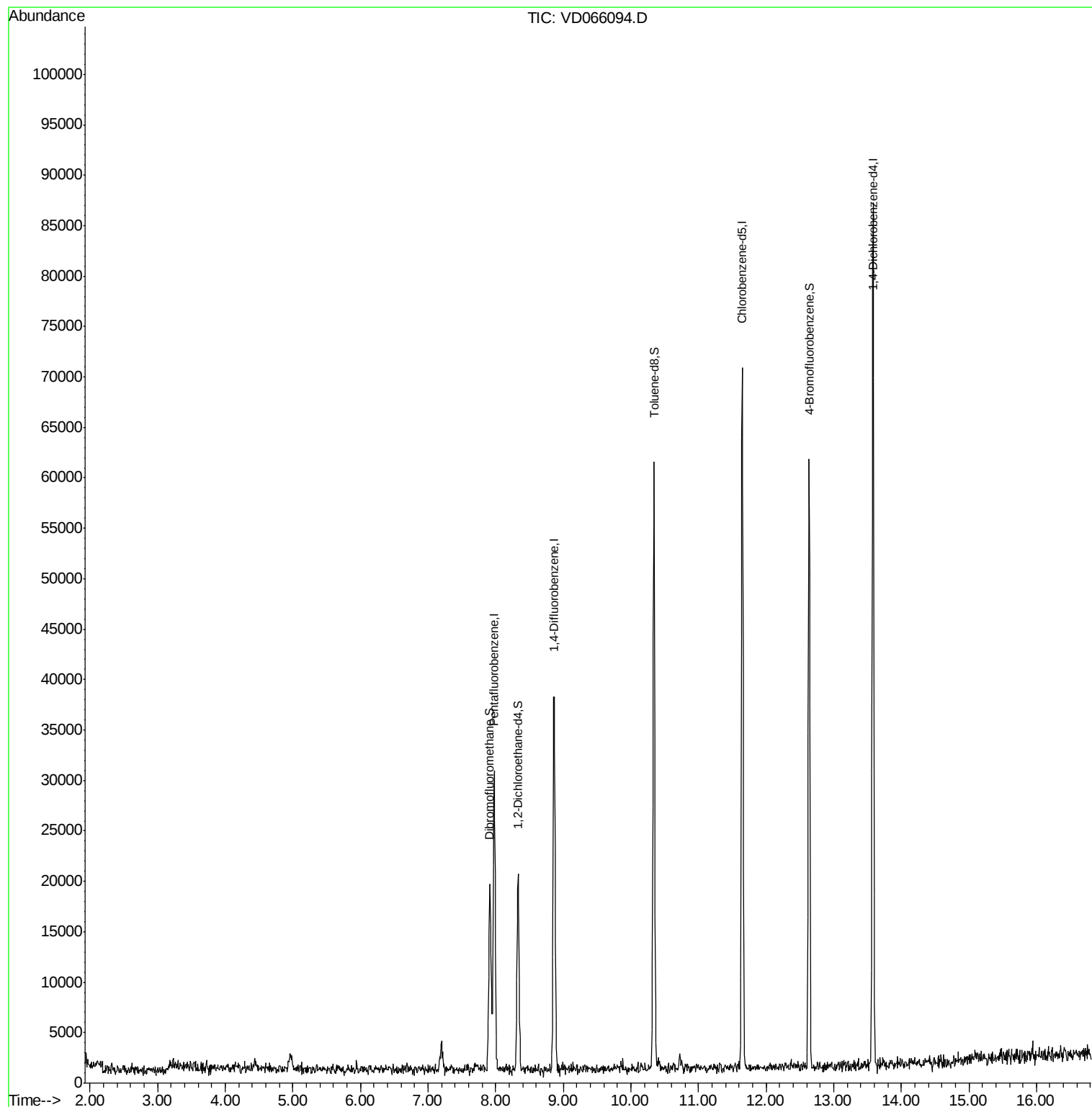
Target Compounds	Qvalue
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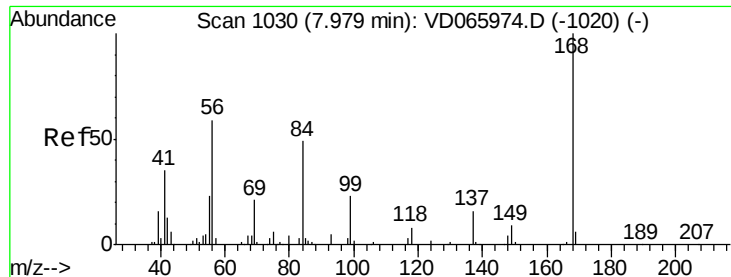
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066094.D

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Instrument :

MSVOA_D

ClientSampleId :

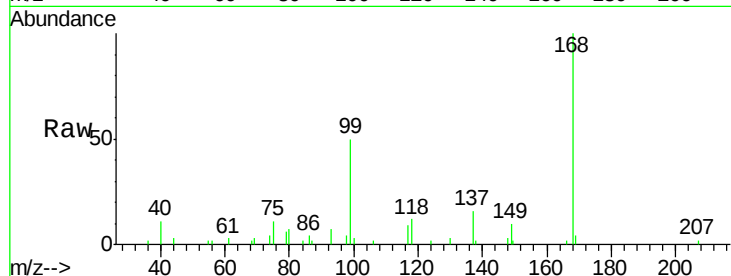
CS-10

Tot Ion:168 Resp: 22534

Ion Ratio Lower Upper

168 100

99 49.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

12000

10000

8000

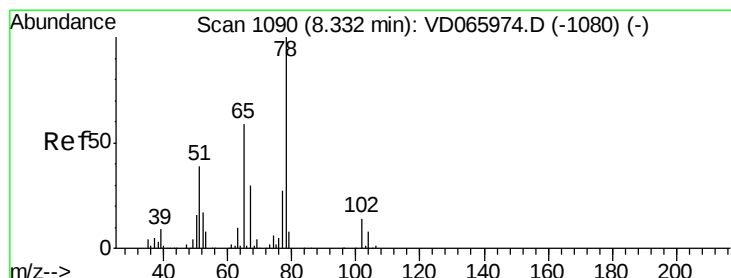
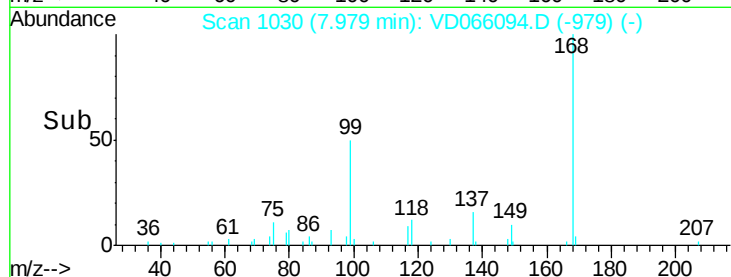
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 83.269 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066094.D

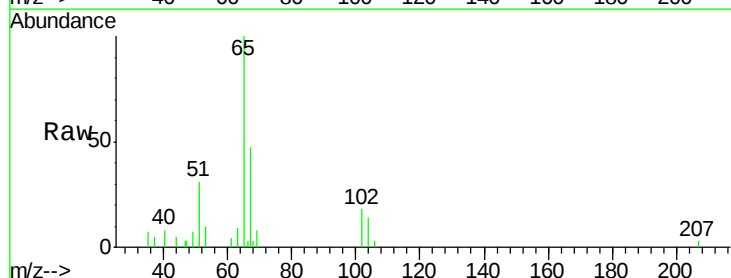
Acq: 29 Jul 2020 17:27

Tgt Ion: 65 Resp: 15268

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

8000

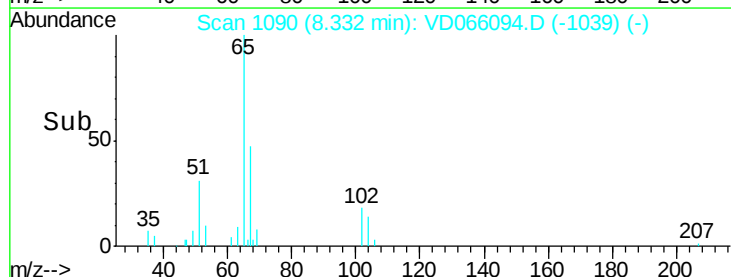
6000

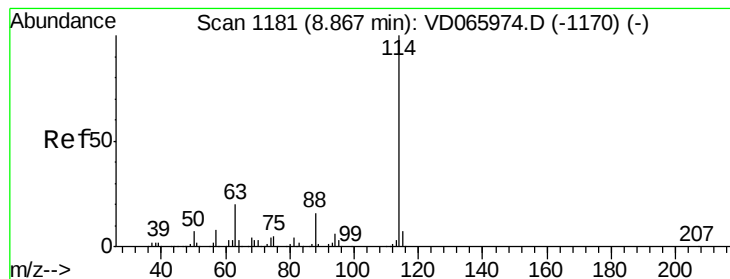
4000

2000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066094.D

Acq: 29 Jul 2020 17:27

Instrument :

MSVOA_D

ClientSampleId :

CS-10

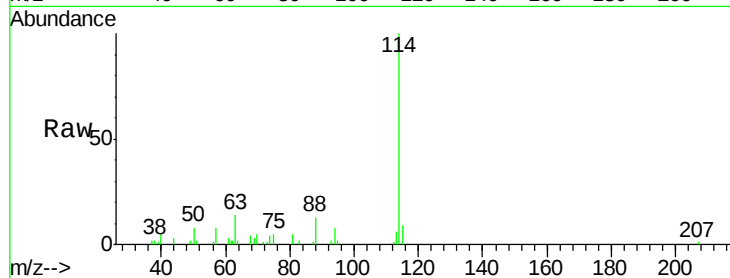
Tot Ion:114 Resp: 34846

Ion Ratio Lower Upper

114 100

63 13.9 0.0 39.6

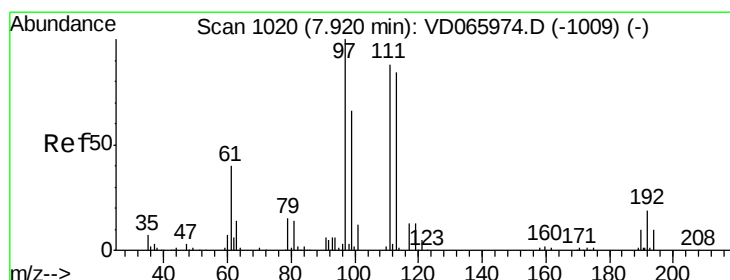
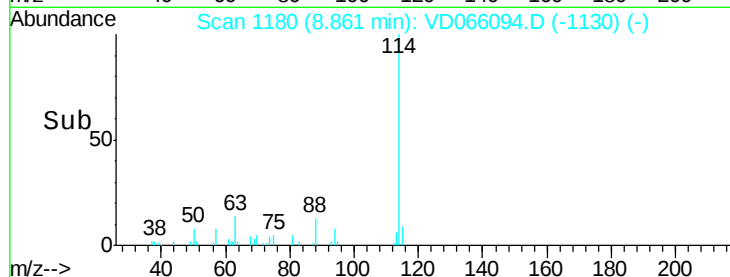
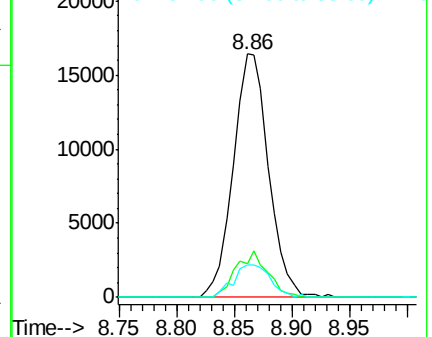
88 13.4 0.0 31.2



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: 59.370 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066094.D

Acq: 29 Jul 2020 17:27

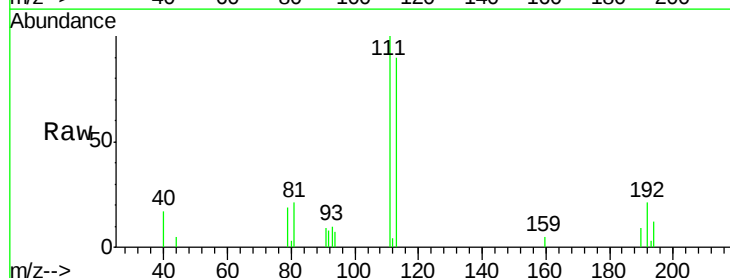
Tgt Ion:113 Resp: 12548

Ion Ratio Lower Upper

113 100

111 104.2 83.2 124.8

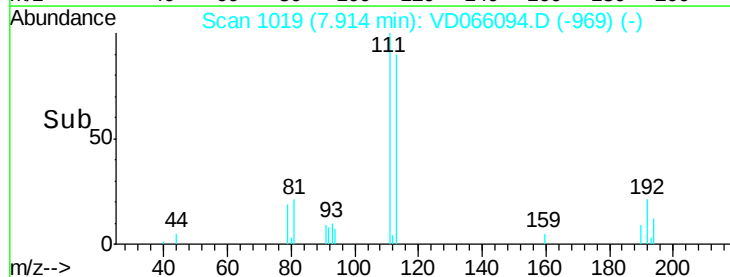
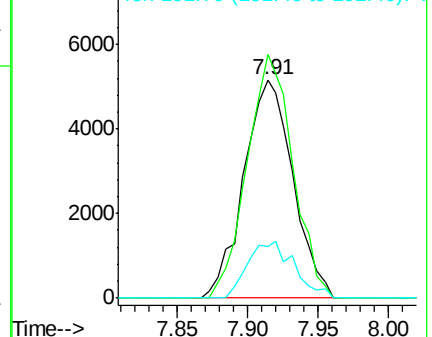
192 24.6 18.7 28.1

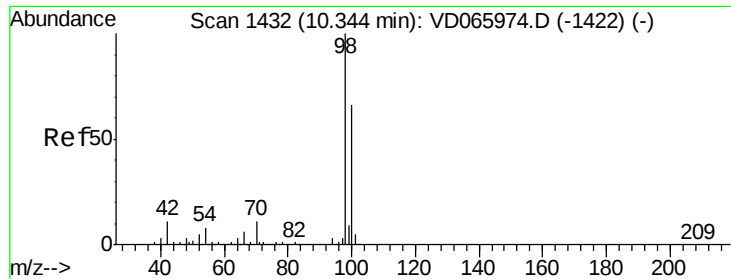


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

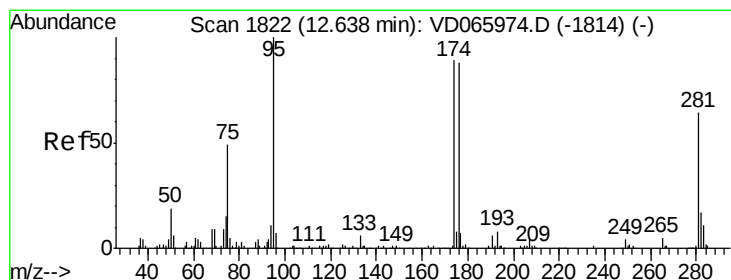
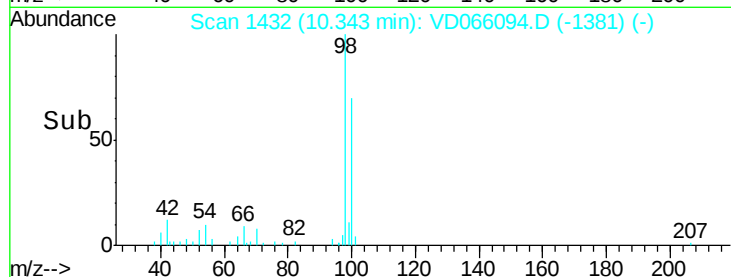
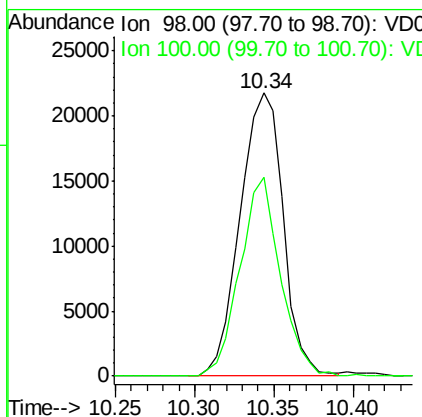
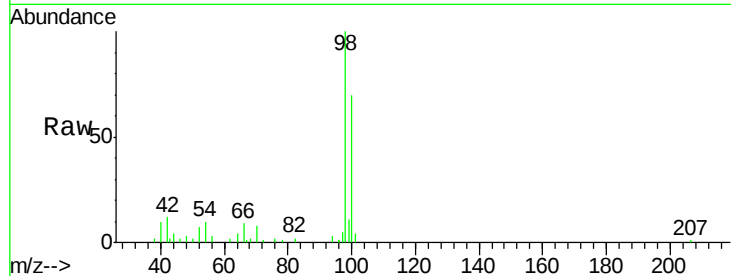




#50
Toluene-d8
Concen: 52.275 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066094.D
Acq: 29 Jul 2020 17:27

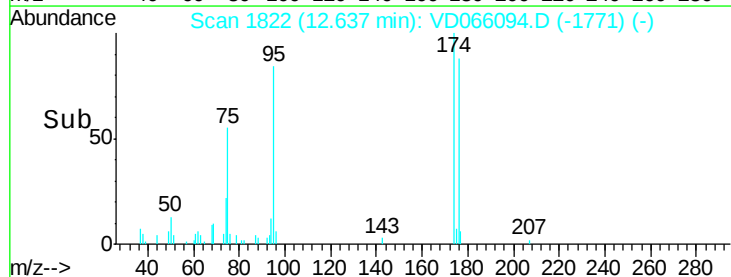
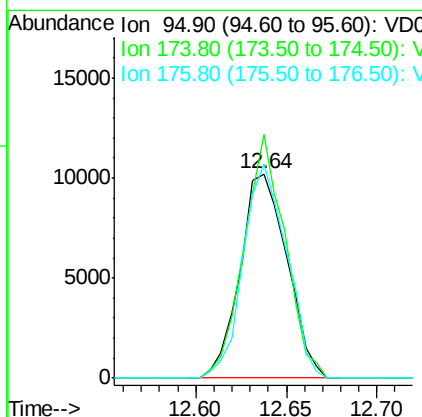
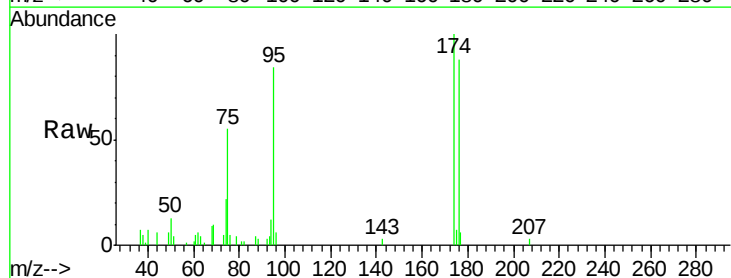
Instrument :
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CS-10

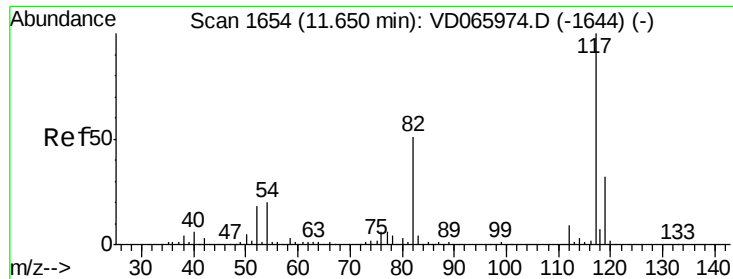
Tot Ion: 98 Resp: 41158
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 67.392 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066094.D
Acq: 29 Jul 2020 17:27

Tgt Ion: 95 Resp: 18398
Ion Ratio Lower Upper
95 100
174 104.3 0.0 178.8
176 97.1 0.0 172.6

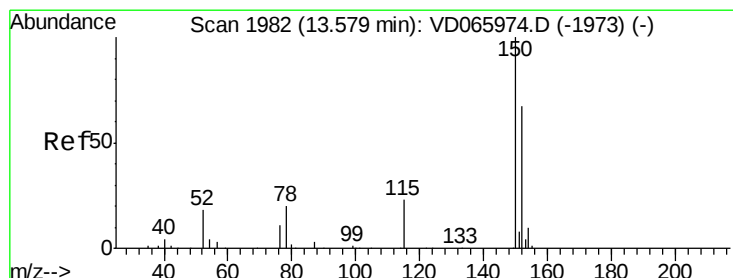
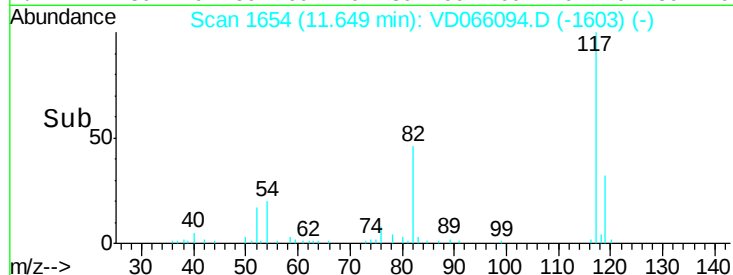
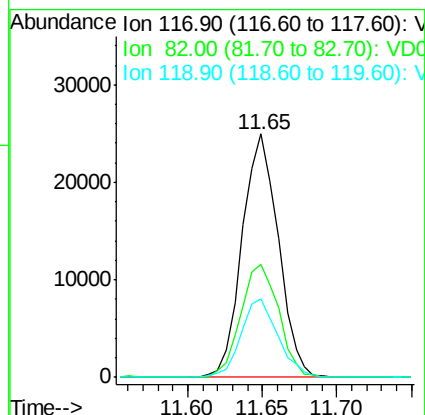
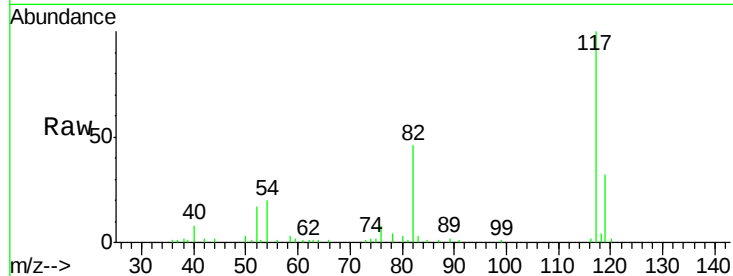




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066094.D
Acq: 29 Jul 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Tot Ion:117 Resp: 41831
Ion Ratio Lower Upper
117 100
82 46.2 41.1 61.7
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066094.D
Acq: 29 Jul 2020 17:27

Tgt Ion:152 Resp: 23835
Ion Ratio Lower Upper
152 100
115 58.0 27.9 83.7
150 155.7 0.0 348.2

