

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066895.D
 Acq On : 26 Sep 2020 02:39
 Operator : VA/SY
 Sample : L4154-05
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4(5-7)

Quant Time: Sep 26 07:20:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	535052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	904316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	933591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	452110	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	244632	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	7.91	113	218287	37.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.88%	
50) Toluene-d8	10.34	98	1088816	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.63	95	426531	63.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.12%	

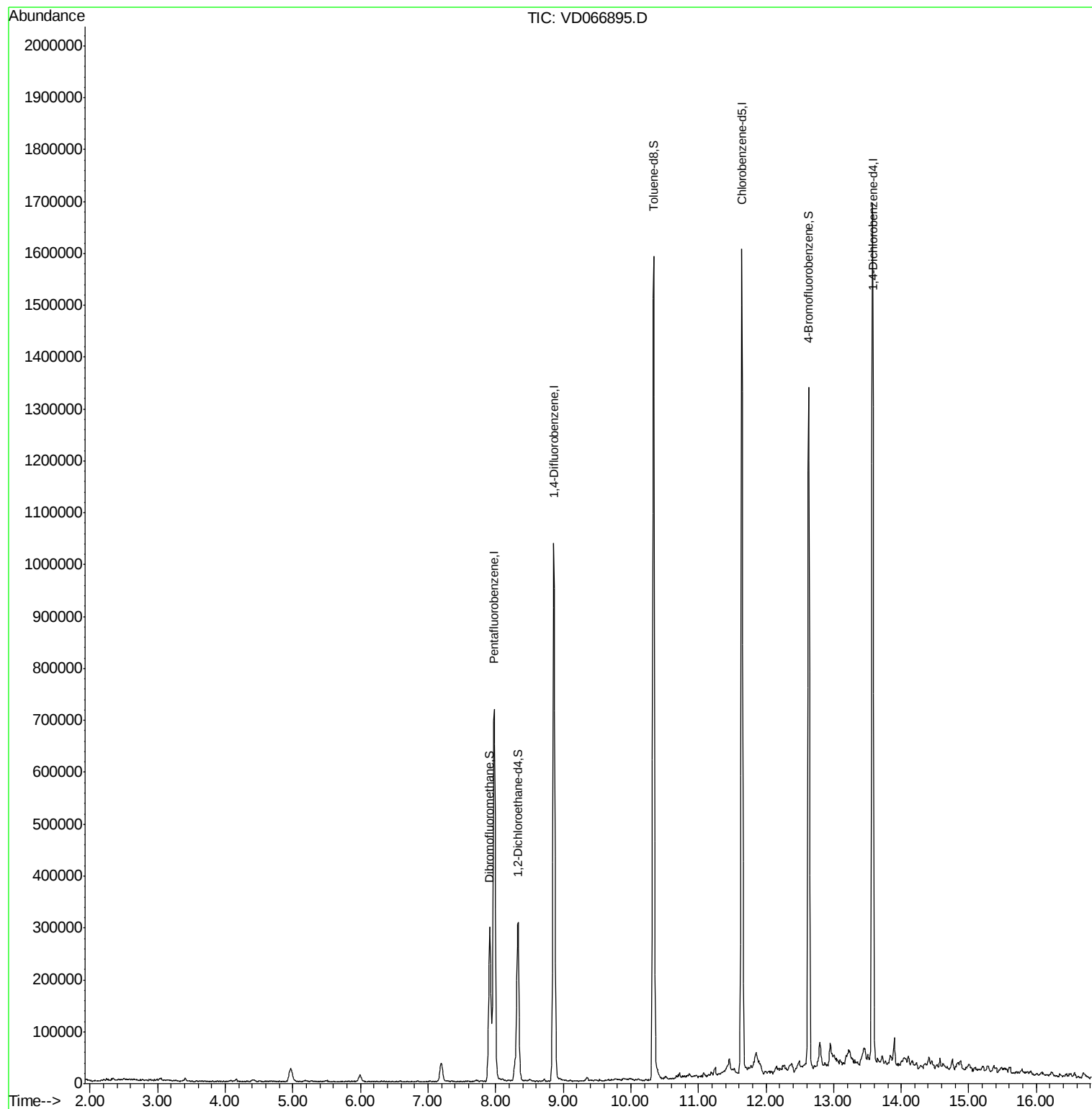
Target Compounds	Qvalue
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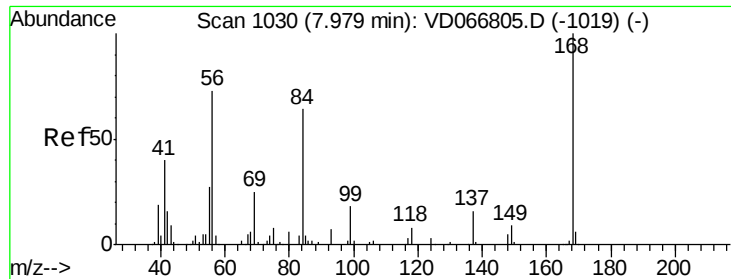
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD066895.D

Acq: 26 Sep 2020 02:39

Instrument :

MSVOA_D

ClientSampleId :

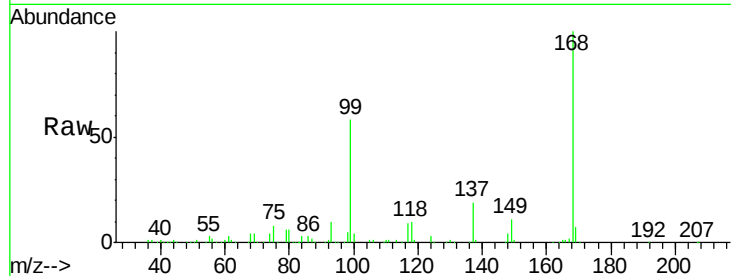
B-4(5-7)

Tot Ion:168 Resp: 535052

Ion Ratio Lower Upper

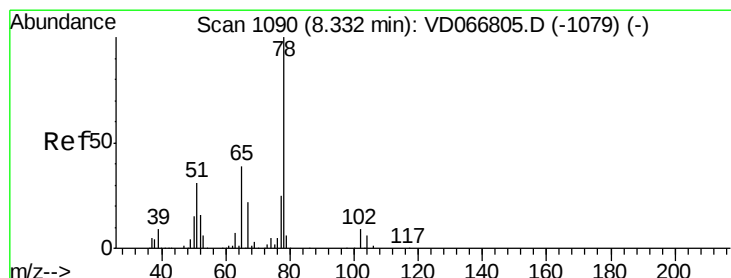
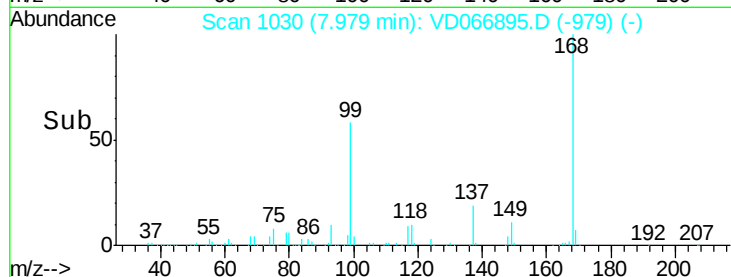
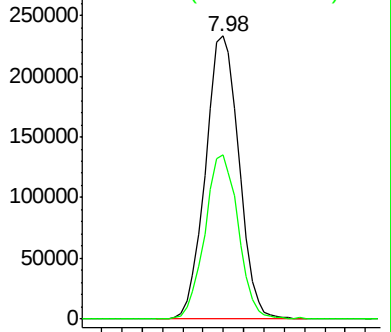
168 100

99 58.1 46.6 69.8



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: 46.713 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066895.D

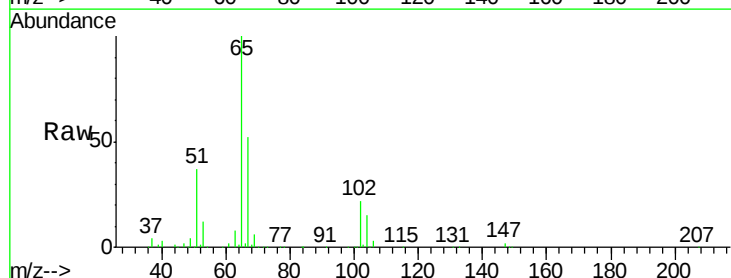
Acq: 26 Sep 2020 02:39

Tgt Ion: 65 Resp: 244632

Ion Ratio Lower Upper

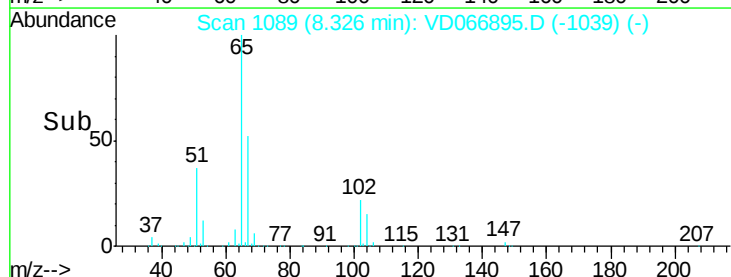
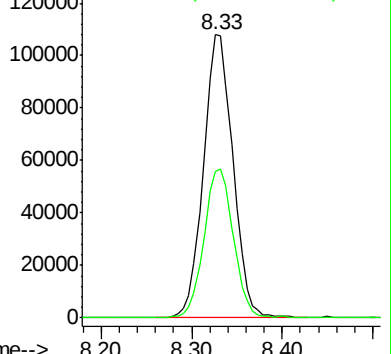
65 100

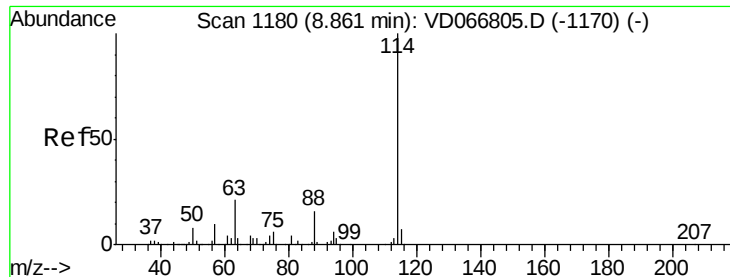
67 52.5 0.0 107.2



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: VD066895.D

Acq: 26 Sep 2020 02:39

Instrument :

MSVOA_D

ClientSampleId :

B-4(5-7)

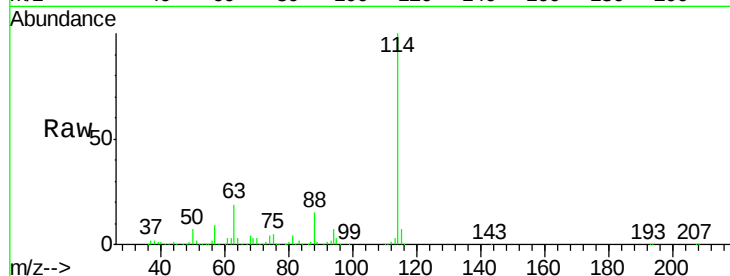
Tot Ion:114 Resp: 904316

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.6

88 15.0 0.0 32.6



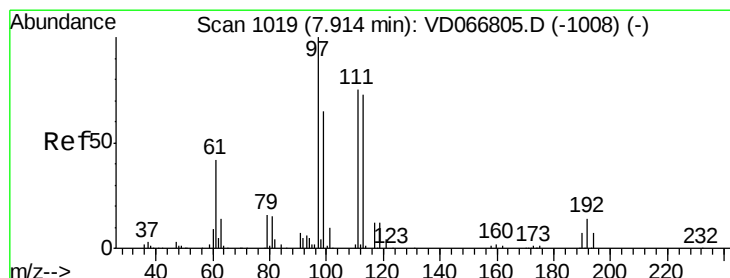
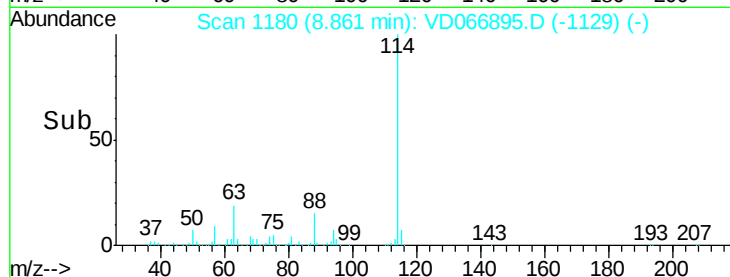
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

8.86

Time-->



#35

Dibromofluoromethane

Concen: 37.941 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066895.D

Acq: 26 Sep 2020 02:39

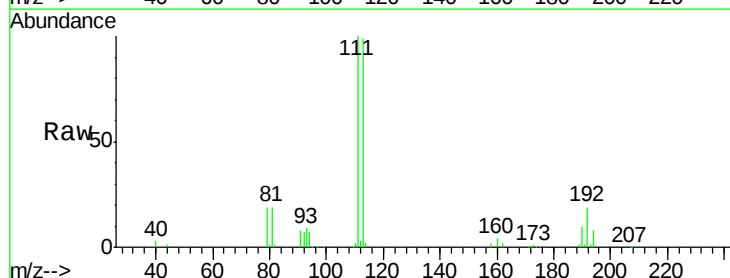
Tgt Ion:113 Resp: 218287

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

192 18.3 14.4 21.6



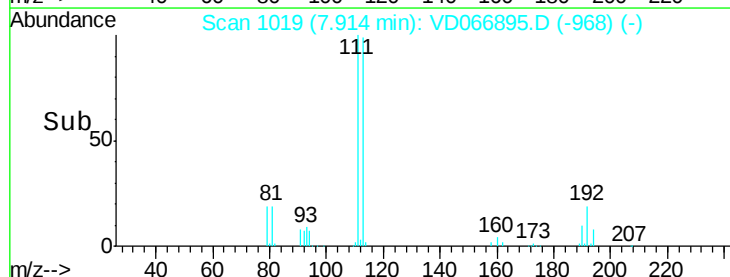
Abundance Ion 112.80 (112.50 to 113.50): V

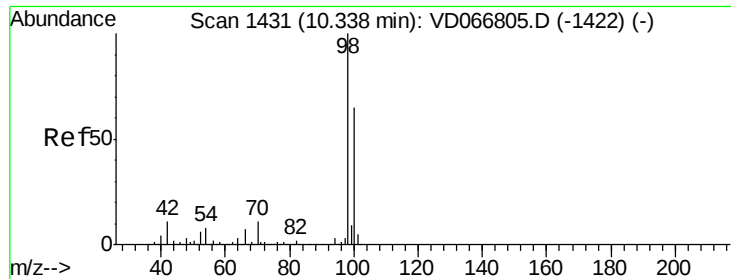
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.91

Time-->

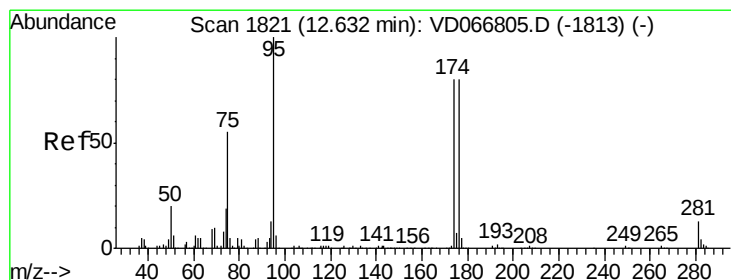
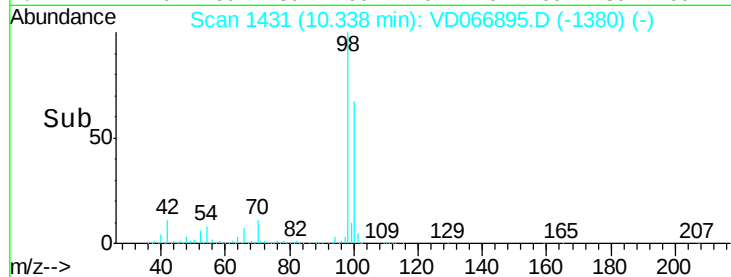
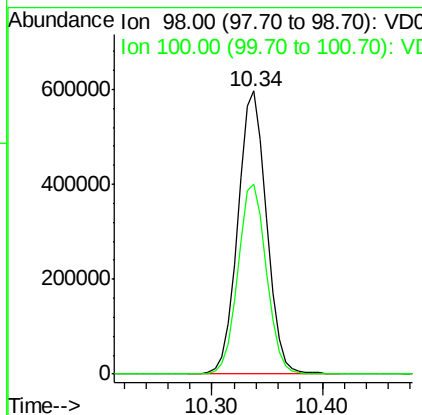
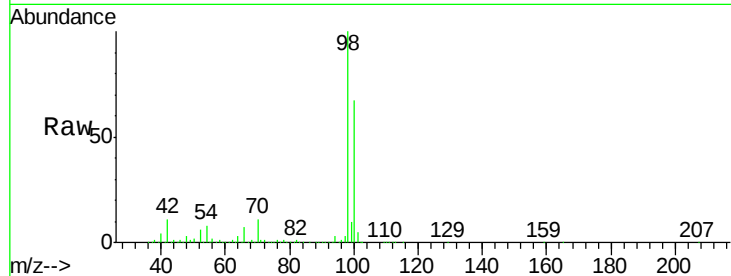




#50
Toluene-d8
Concen: 55.545 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066895.D
Acq: 26 Sep 2020 02:39

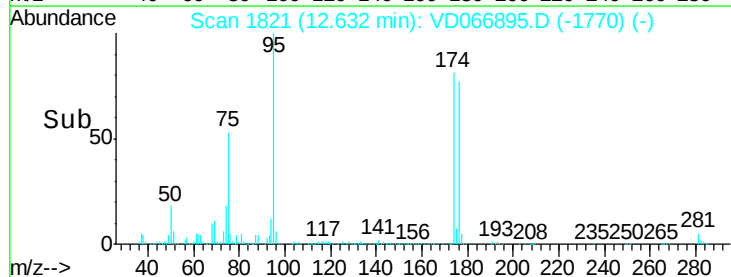
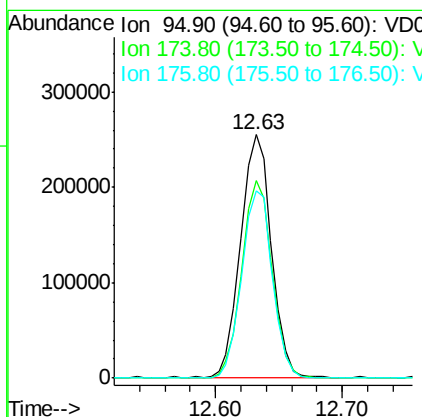
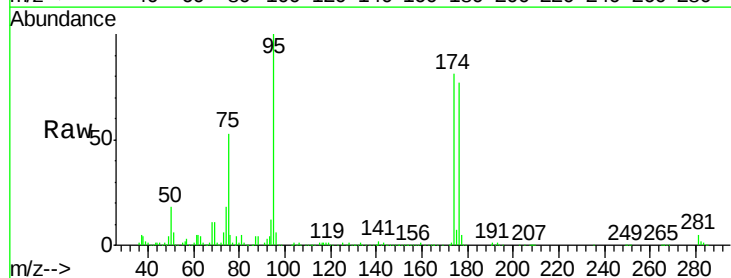
Instrument :
MSVOA_D
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B-4(5-7)

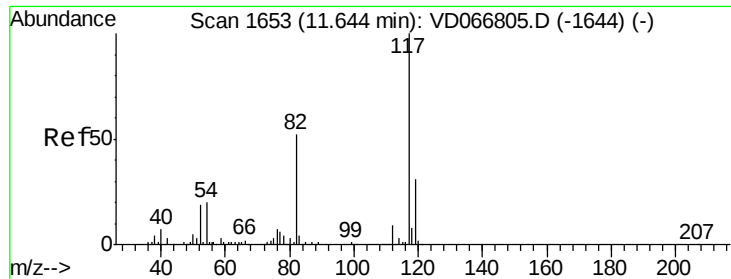
Tot Ion: 98 Resp: 1088816
Ion Ratio Lower Upper
98 100
100 67.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 63.561 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066895.D
Acq: 26 Sep 2020 02:39

Tgt Ion: 95 Resp: 426531
Ion Ratio Lower Upper
95 100
174 80.7 0.0 159.8
176 77.4 0.0 154.4

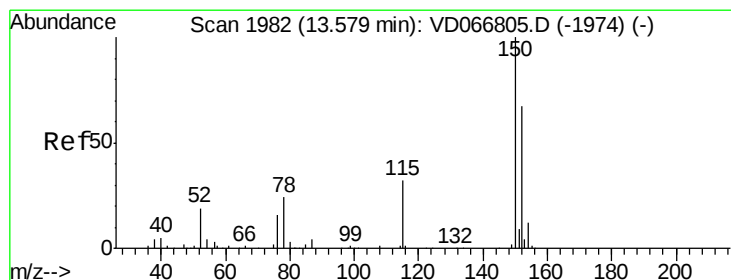
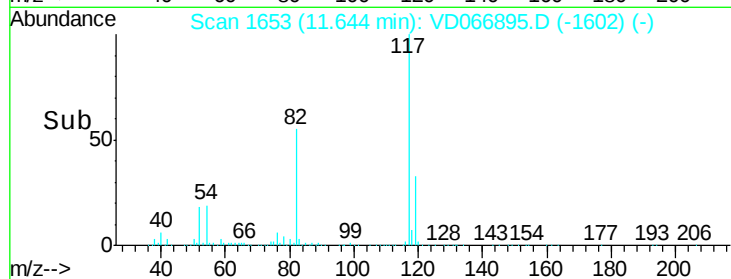
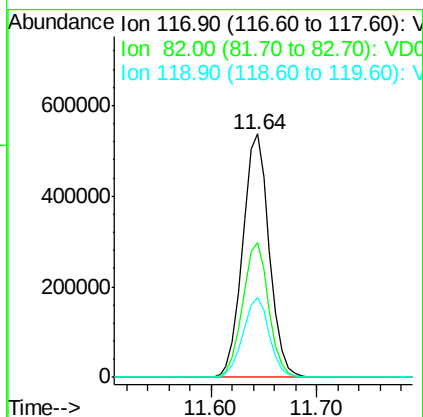
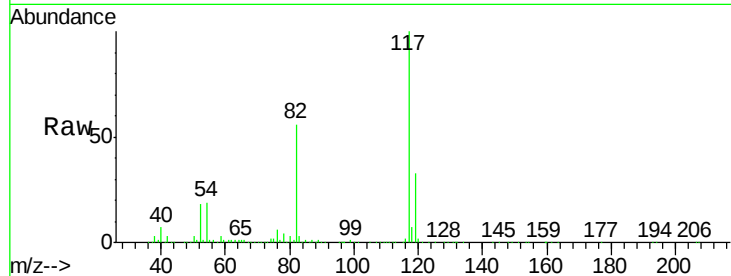




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066895.D
Acq: 26 Sep 2020 02:39

Instrument :
MSVOA_D
ClientSampleId :
B-4(5-7)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	41.8	62.6
119	32.6	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066895.D
Acq: 26 Sep 2020 02:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.3	91.0
150	157.1	0.0	346.2

