

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066637.D
 Acq On : 11 Sep 2020 03:07
 Operator : VA/SY
 Sample : L3937-06
 Misc : 6.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-DUP-9-8-2020

Quant Time: Sep 11 03:34:49 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	7.98	168	354359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	646374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	605284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260587	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231524	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
35) Dibromofluoromethane	7.91	113	216455	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	10.34	98	795351	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.63	95	253142	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

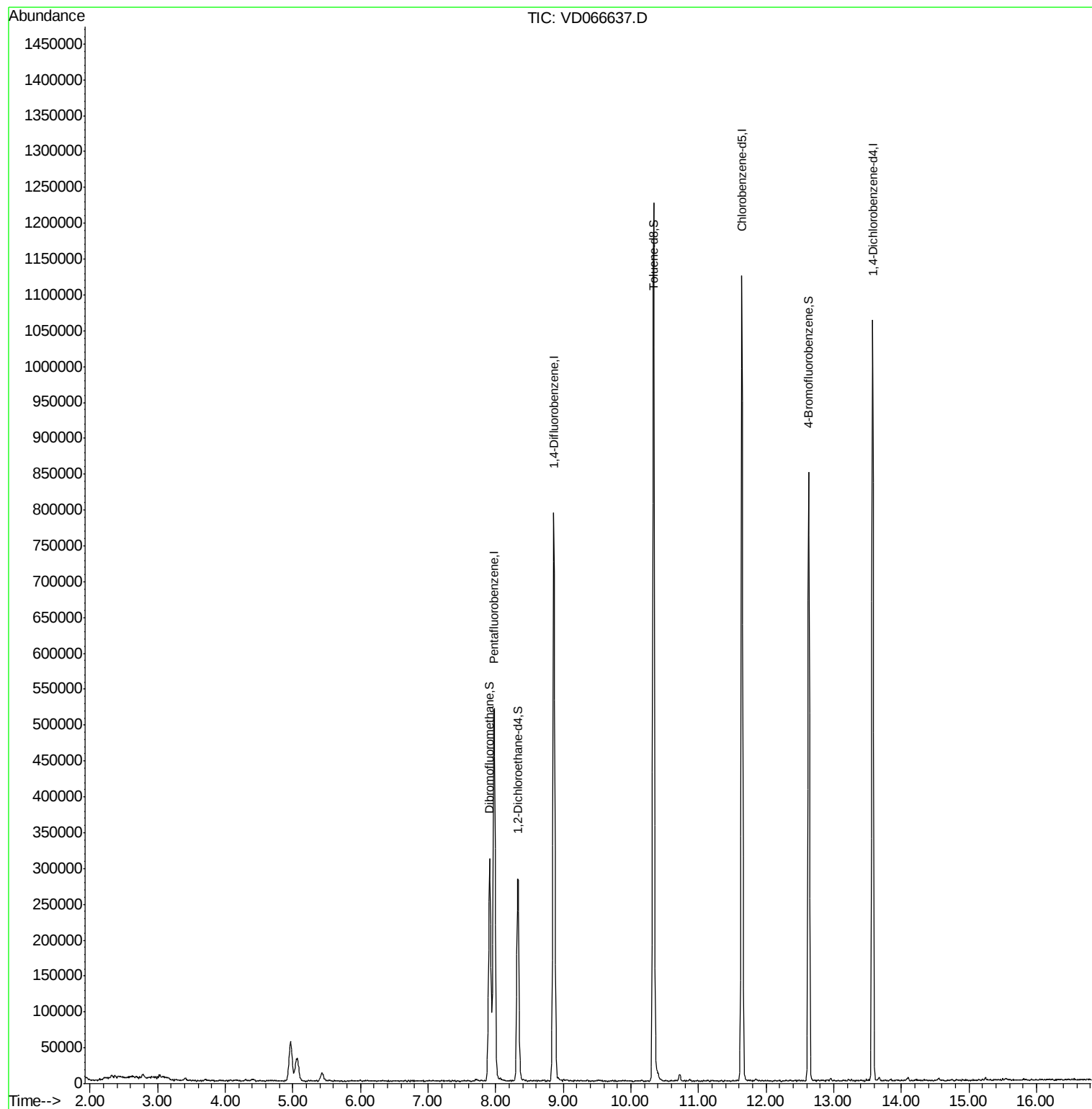
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Acq: 11 Sep 2020 03:07

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ClientSampleId :

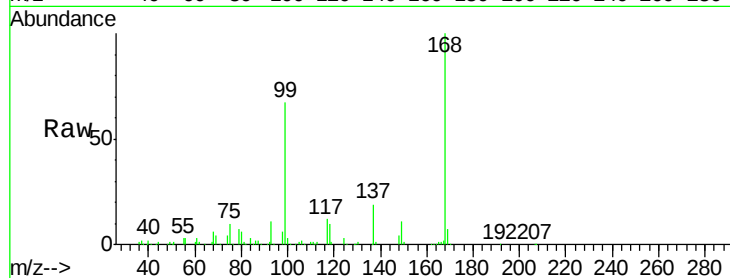
BSY-SB-DUP-9-8-2020

Tot Ion:168 Resp: 354359

Ion Ratio Lower Upper

168 100

99 66.8 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

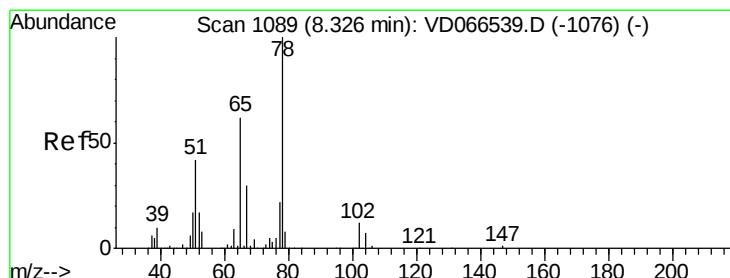
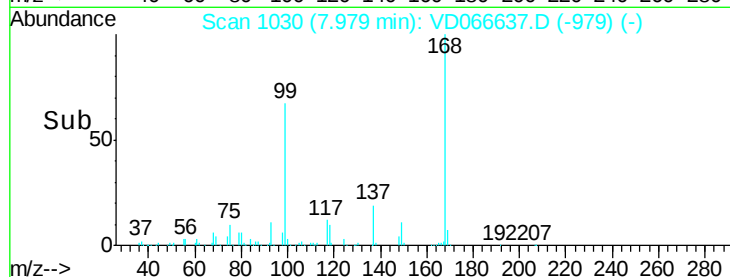
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.001 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066637.D

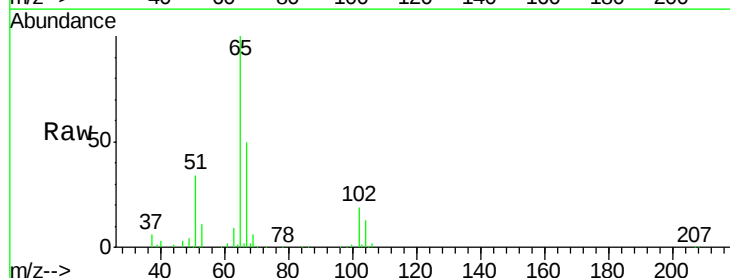
Acq: 11 Sep 2020 03:07

Tgt Ion: 65 Resp: 231524

Ion Ratio Lower Upper

65 100

67 50.2 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

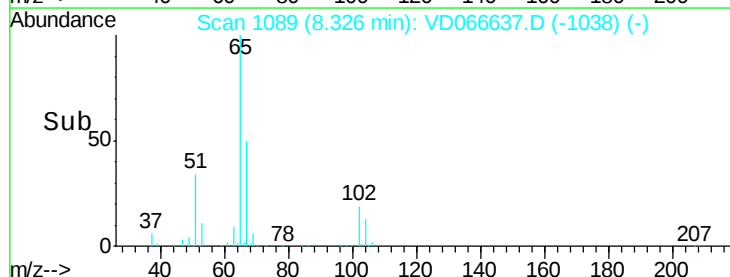
60000

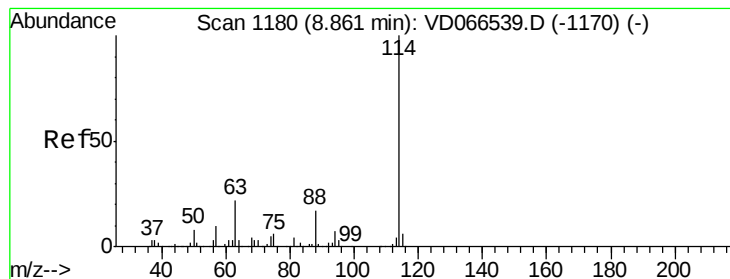
40000

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: VD066637.D

Acq: 11 Sep 2020 03:07

Instrument :

MSVOA_D

ClientSampleId :

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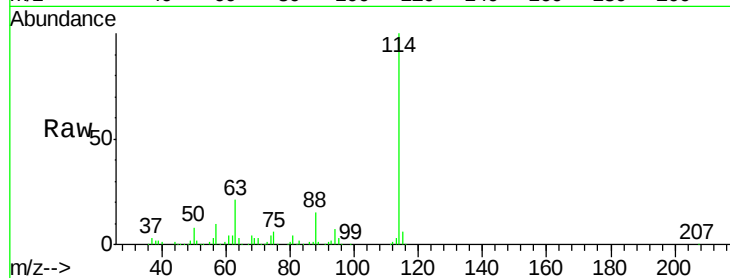
Tot Ion:114 Resp: 646374

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

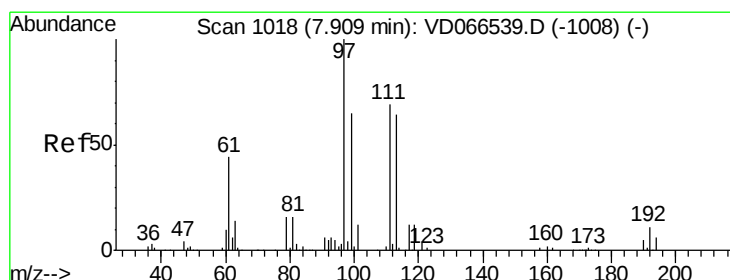
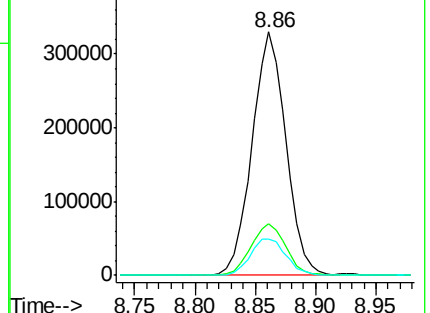
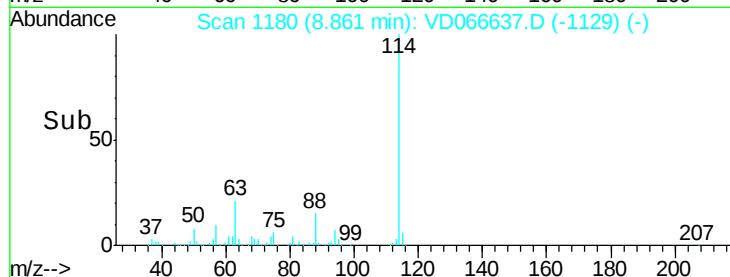
88 15.1 0.0 33.2



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: 49.640 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066637.D

Acq: 11 Sep 2020 03:07

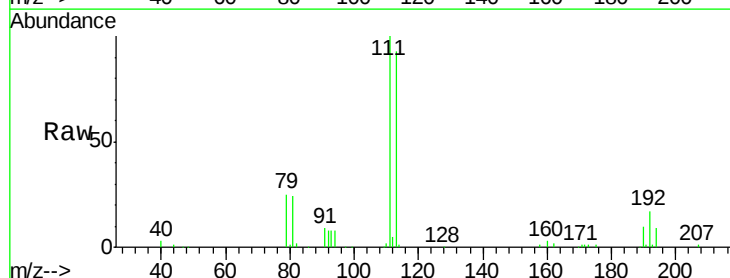
Tgt Ion:113 Resp: 216455

Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

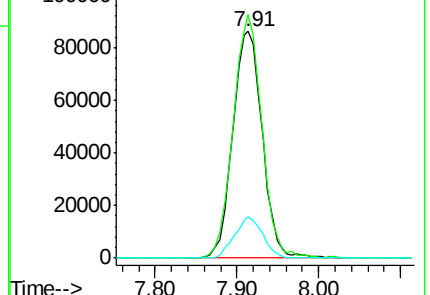
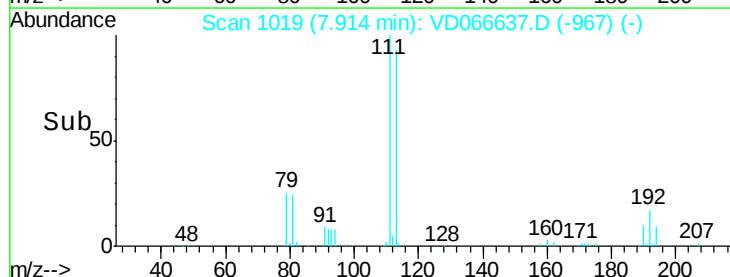
192 17.5 13.7 20.5

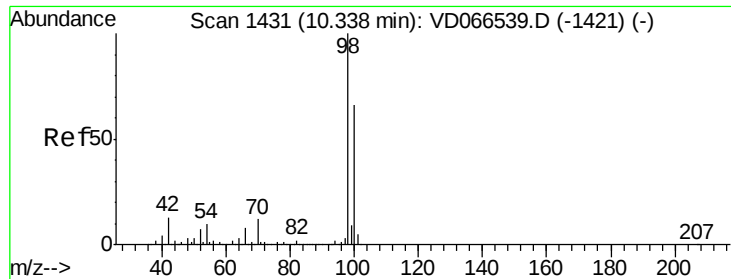


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

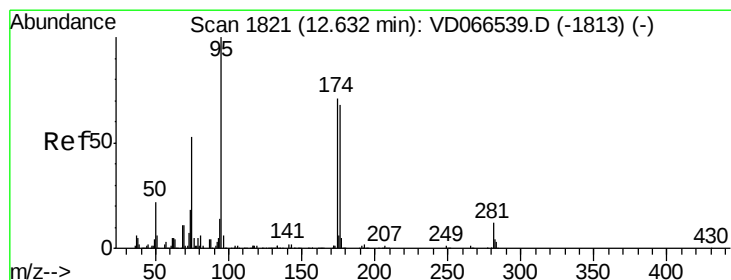
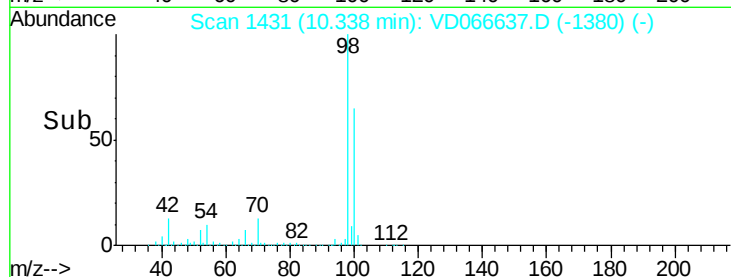
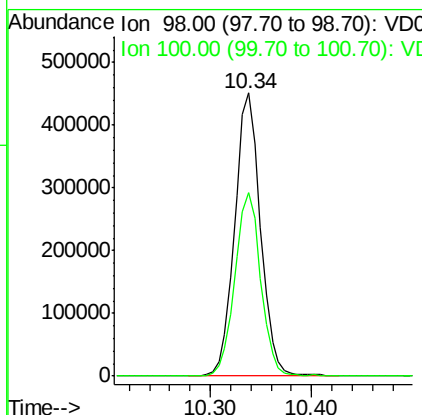
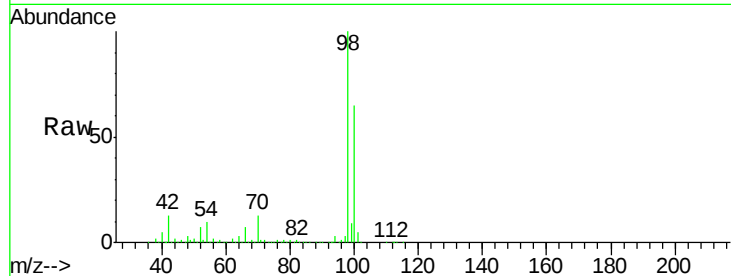




#50
Toluene-d8
Concen: 51.033 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066637.D
Acq: 11 Sep 2020 03:07

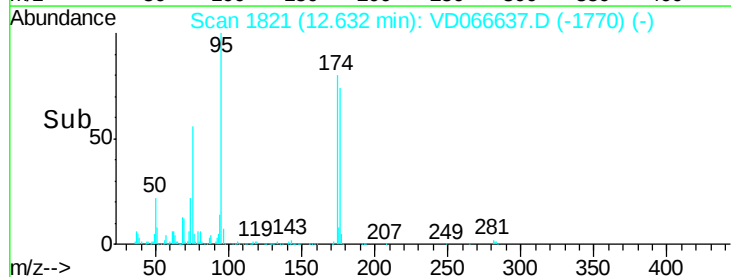
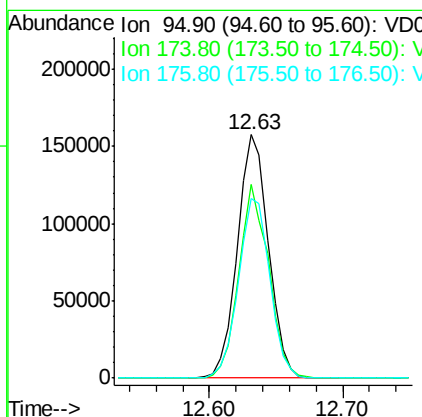
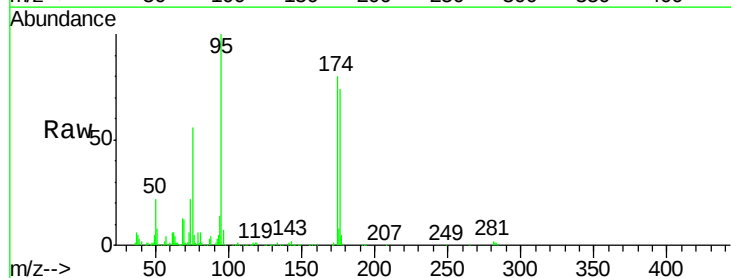
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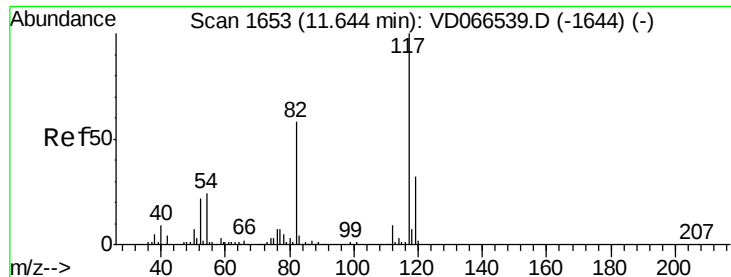
Tot Ion: 98 Resp: 795351
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.984 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066637.D
Acq: 11 Sep 2020 03:07

Tgt Ion: 95 Resp: 253142
Ion Ratio Lower Upper
95 100
174 76.7 0.0 155.8
176 74.6 0.0 148.6

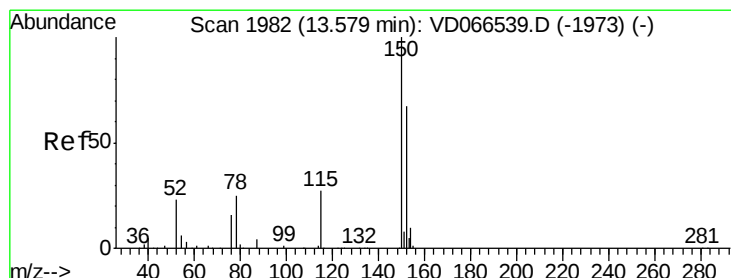
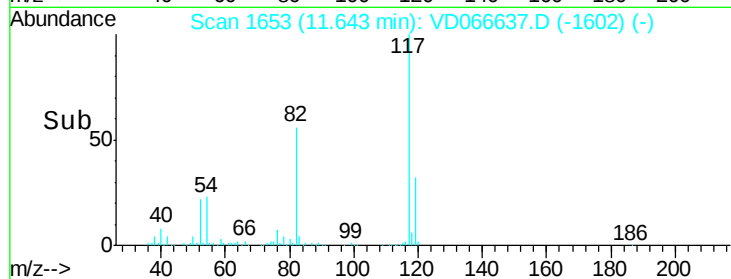
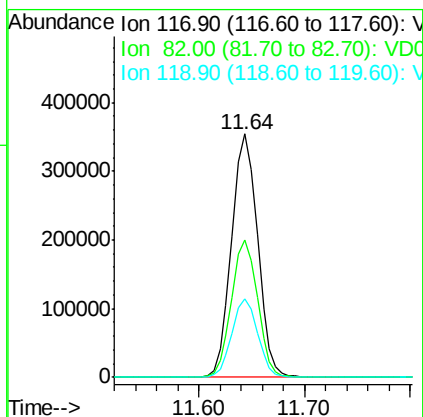
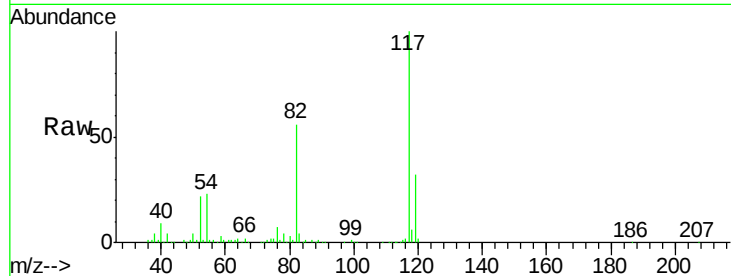




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066637.D
Acq: 11 Sep 2020 03:07

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-DUP-9-8-2020

Tot Ion:117 Resp: 605284
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.2
119 32.2 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: VD066637.D
Acq: 11 Sep 2020 03:07

Tgt Ion:152 Resp: 260587
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.2
150 158.1 0.0 345.8

