

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066636.D
 Acq On : 11 Sep 2020 02:39
 Operator : VA/SY
 Sample : L3937-05
 Misc : 6.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-03-1.0-2.0

Quant Time: Sep 11 03:32:37 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	354439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	651001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254234	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231267	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
35) Dibromofluoromethane	7.91	113	224488	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.34	98	793444	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.63	95	250894	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

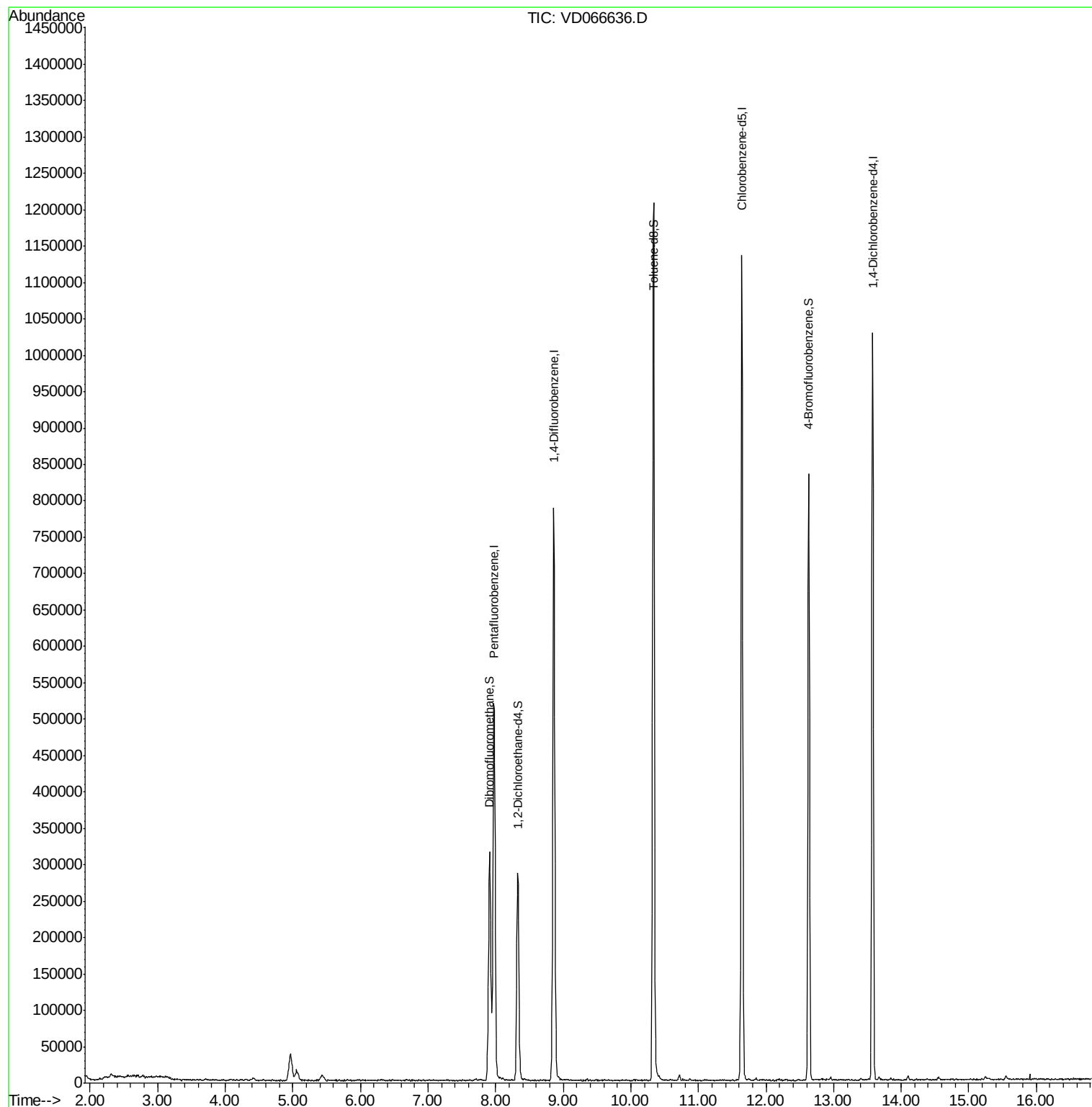
Target Compounds	Qvalue

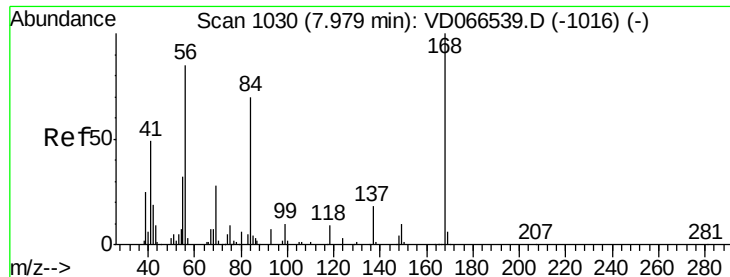
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_D

ClientSampleId :

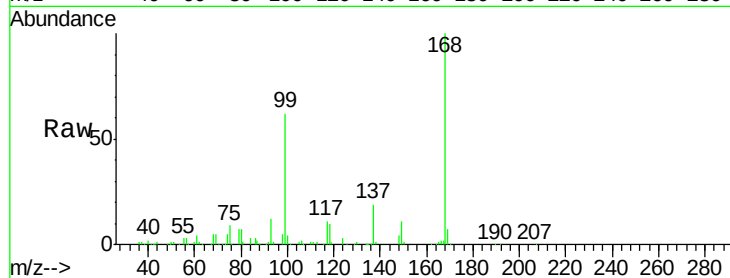
BSY-SB-03-1.0-2.0

Tot Ion:168 Resp: 354439

Ion Ratio Lower Upper

168 100

99 61.8 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

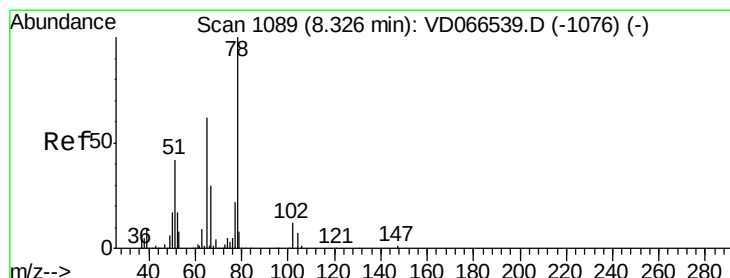
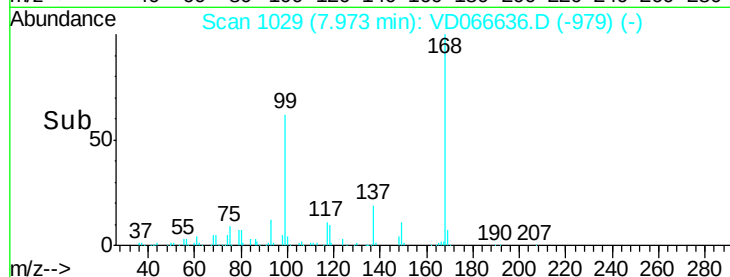
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.929 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066636.D

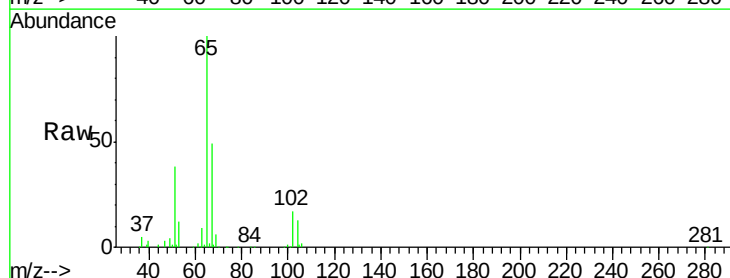
Acq: 11 Sep 2020 02:39

Tgt Ion: 65 Resp: 231267

Ion Ratio Lower Upper

65 100

67 50.4 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

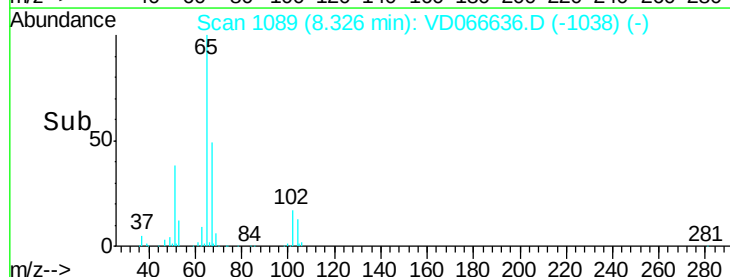
60000

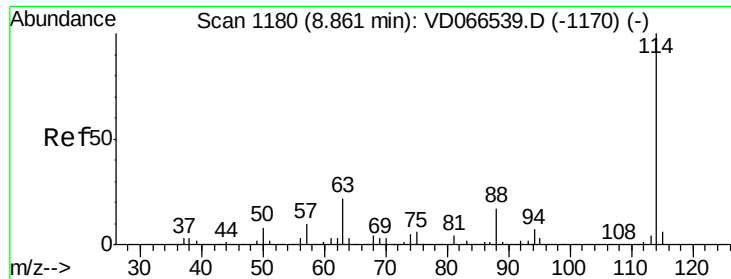
40000

20000

0

Time-->

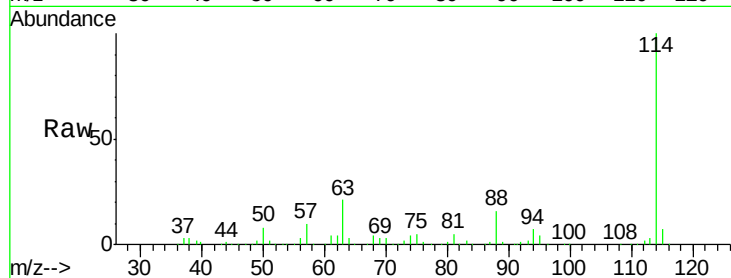




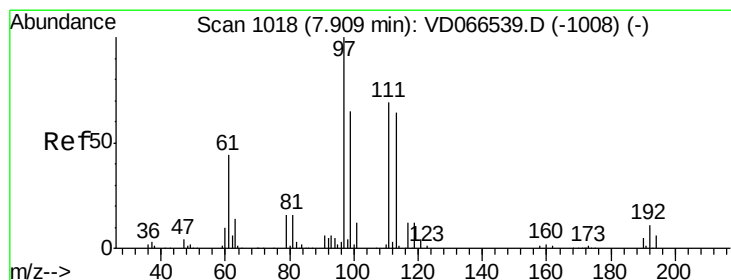
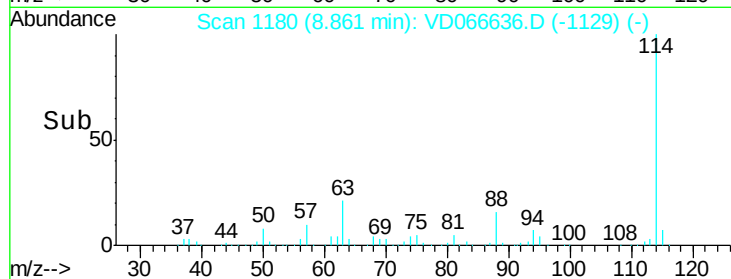
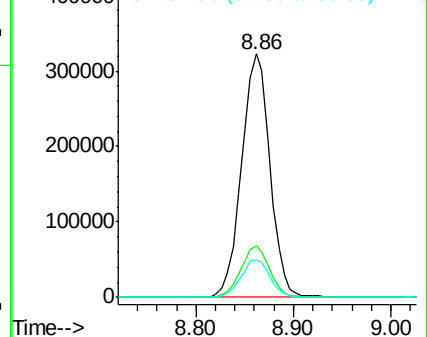
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066636.D
 Acq: 11 Sep 2020 02:39

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-03-1.0-2.0

Tot Ion:114 Resp: 651001
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 15.6 0.0 33.2

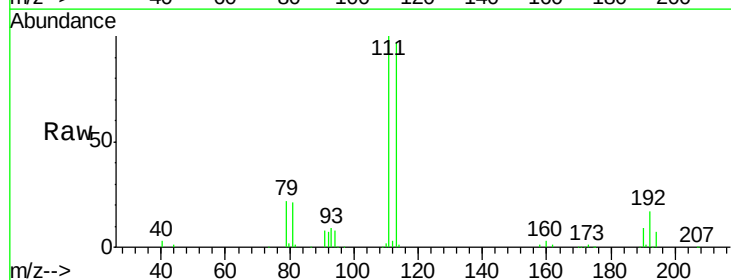


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

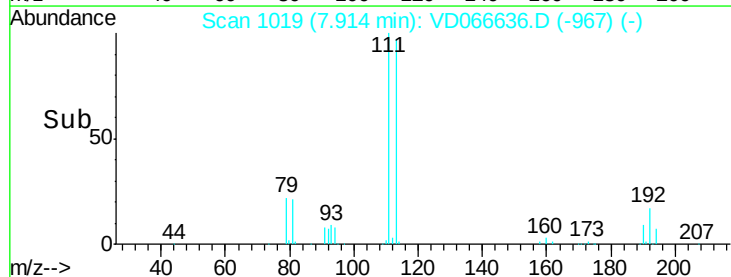
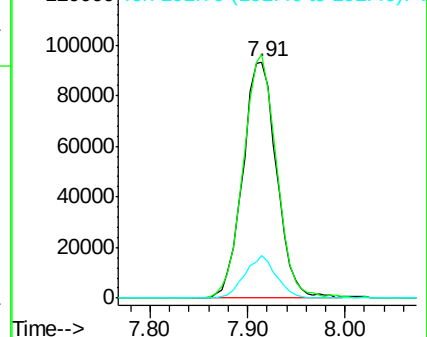


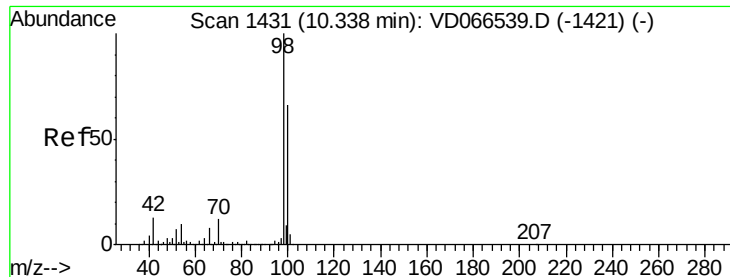
#35
 Dibromofluoromethane
 Concen: 51.116 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066636.D
 Acq: 11 Sep 2020 02:39

Tgt Ion:113 Resp: 224488
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.2 124.8
 192 16.8 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: 50.549 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066636.D

Acq: 11 Sep 2020 02:39

Instrument :

MSVOA_D

ClientSampleId :

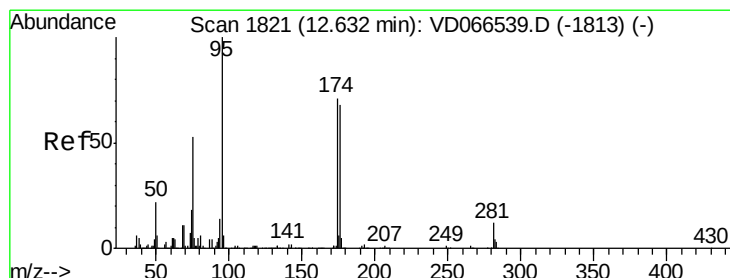
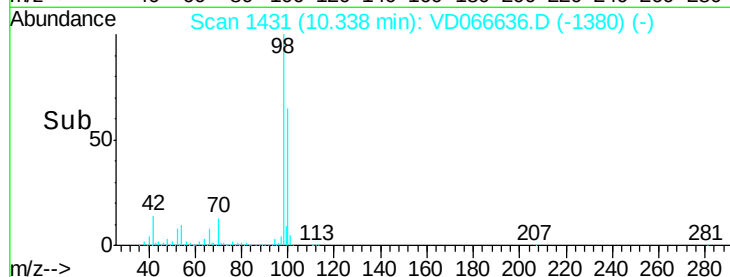
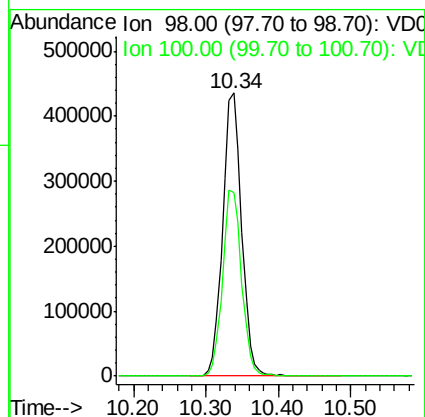
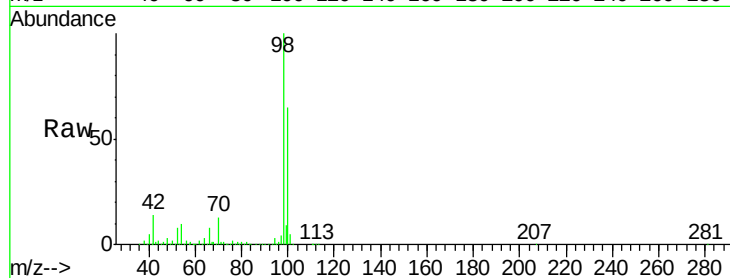
BSY-SB-03-1.0-2.0

Tot Ion: 98 Resp: 793444

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.204 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066636.D

Acq: 11 Sep 2020 02:39

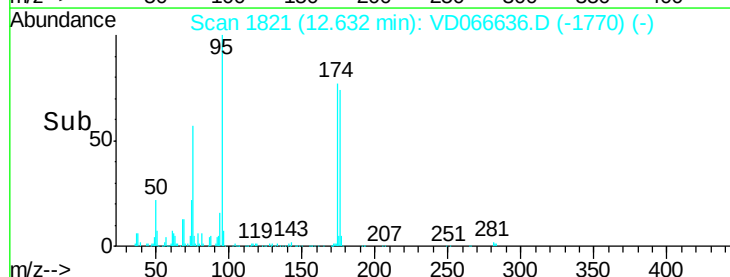
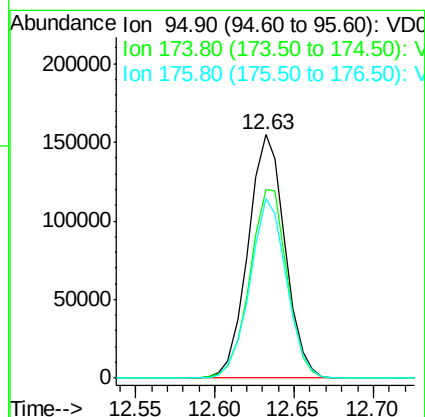
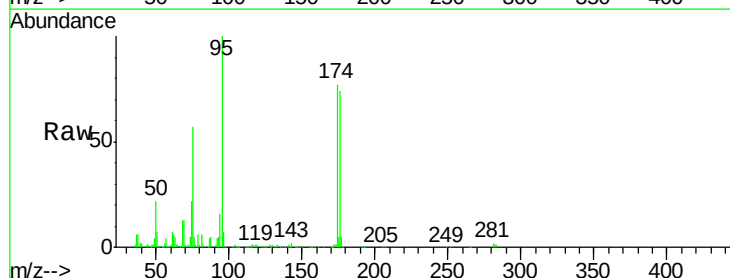
Tgt Ion: 95 Resp: 250894

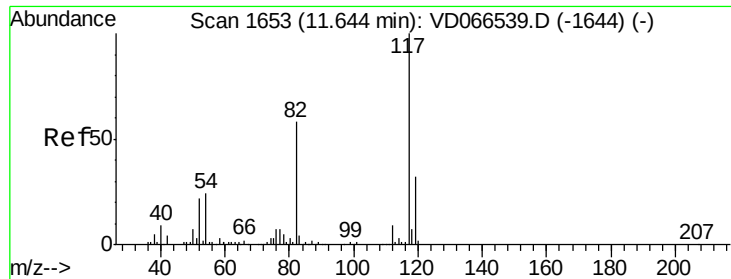
Ion Ratio Lower Upper

95 100

174 78.3 0.0 155.8

176 73.5 0.0 148.6

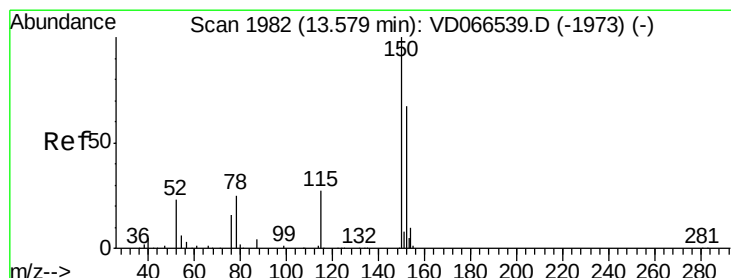
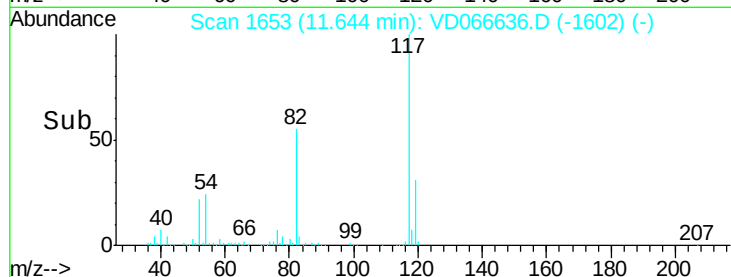
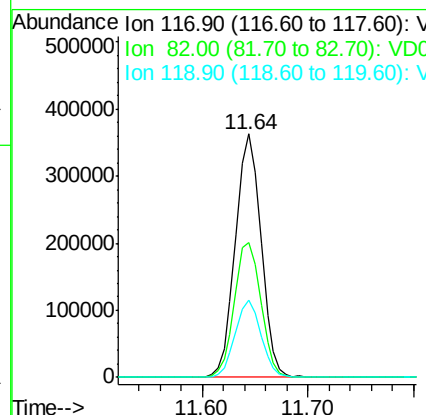
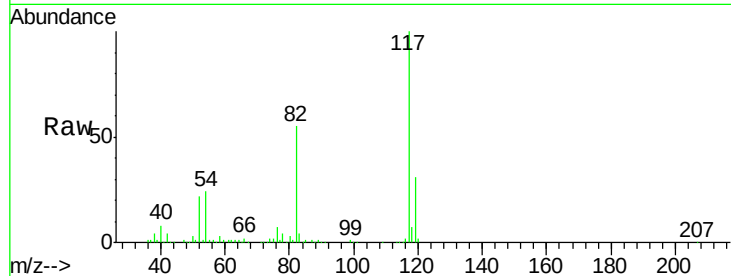




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066636.D
Acq: 11 Sep 2020 02:39

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-03-1.0-2.0

Tot Ion:117 Resp: 610330
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.2
119 31.5 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: VD066636.D
Acq: 11 Sep 2020 02:39

Tgt Ion:152 Resp: 254234
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.2
150 157.8 0.0 345.8

