

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066591.D
 Acq On : 09 Sep 2020 18:54
 Operator : VA/SY
 Sample : L3919-10
 Misc : 6.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13

Quant Time: Sep 10 02:27:39 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	324744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	634166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	594642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256289	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	237718	60.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.00%	
35) Dibromofluoromethane	7.91	113	222640	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
50) Toluene-d8	10.34	98	784172	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.63	95	260656	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	

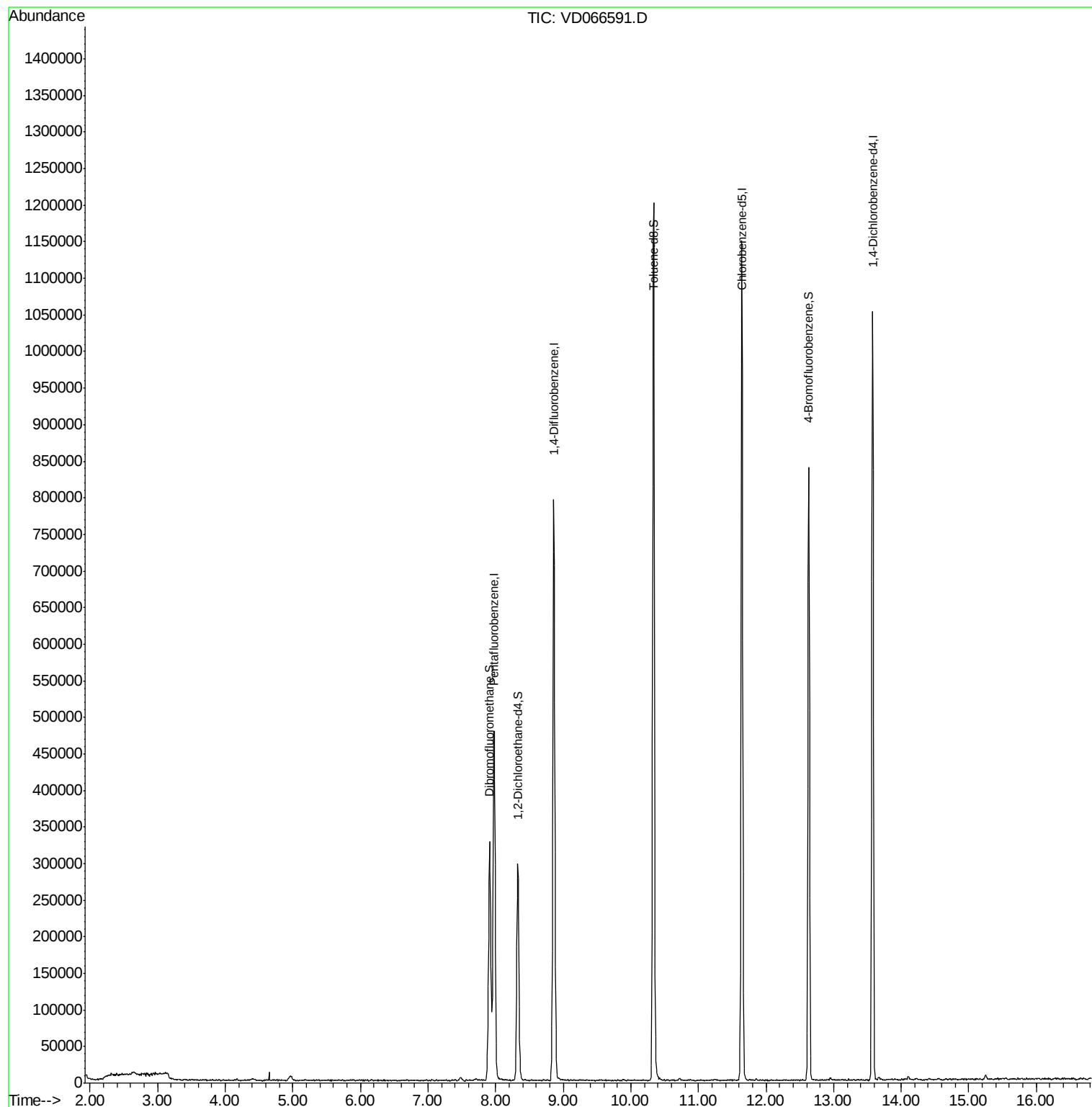
Target Compounds	Qvalue
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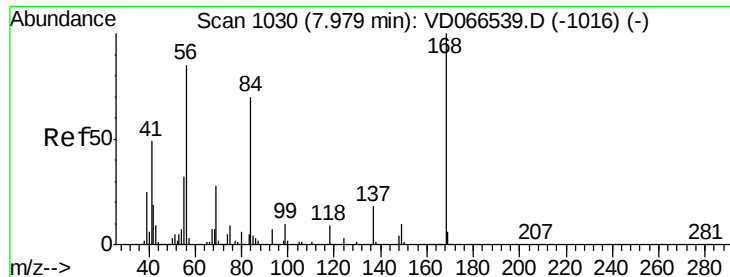
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066591.D

Acq: 09 Sep 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

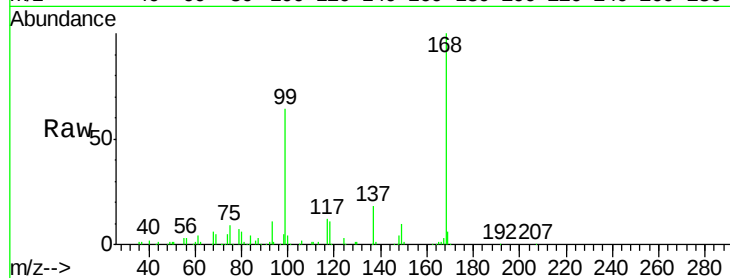
TP-13

Tot Ion:168 Resp: 324744

Ion Ratio Lower Upper

168 100

99 63.7 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

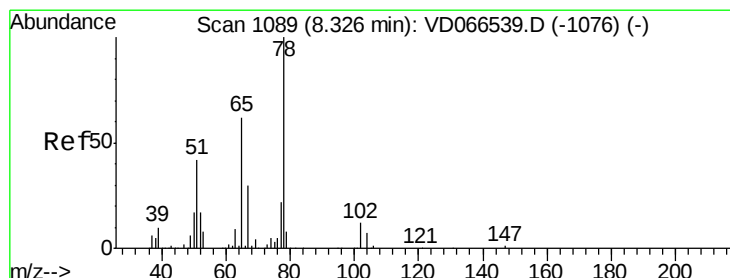
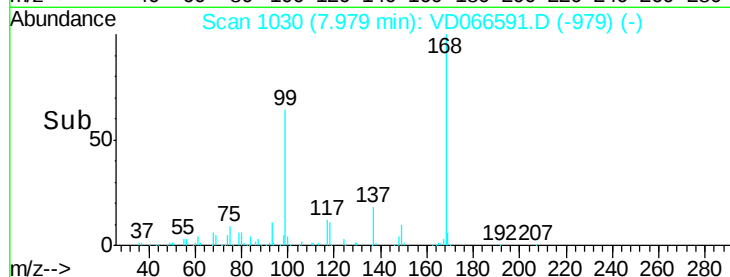
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.502 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066591.D

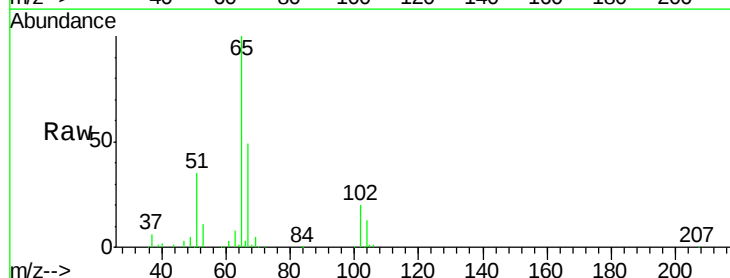
Acq: 09 Sep 2020 18:54

Tgt Ion: 65 Resp: 237718

Ion Ratio Lower Upper

65 100

67 50.5 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

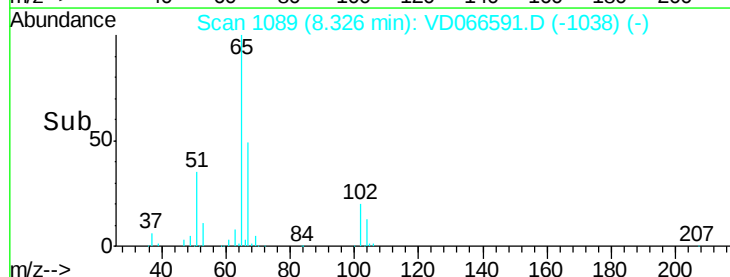
40000

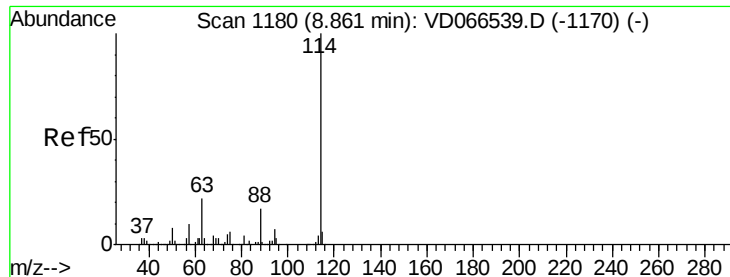
20000

0

8.20 8.30 8.40

Time-->

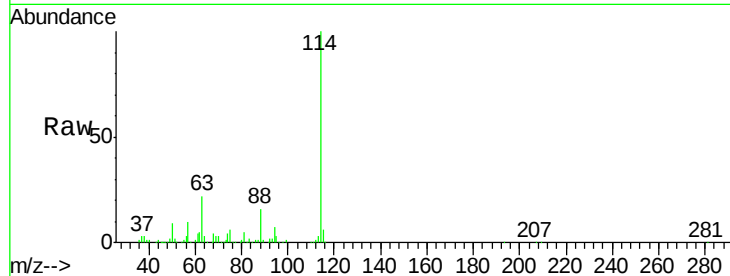




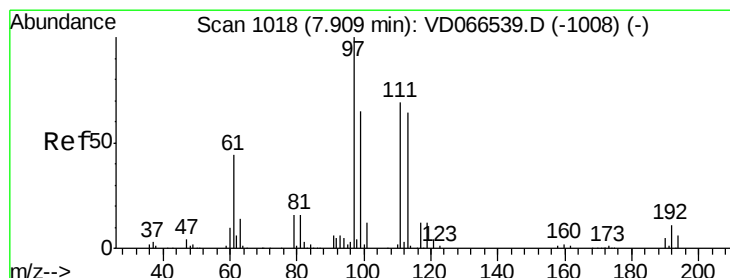
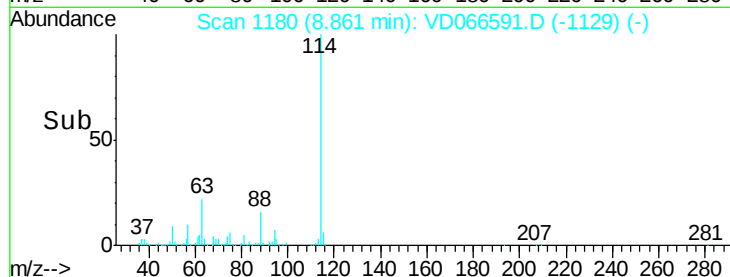
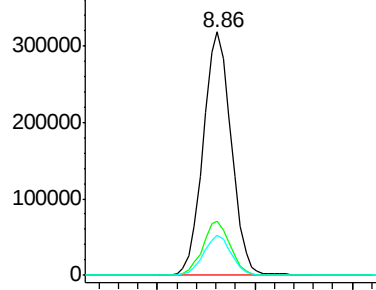
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066591.D
 Acq: 09 Sep 2020 18:54

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13

Tot Ion:114 Resp: 634166
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 16.4 0.0 33.2

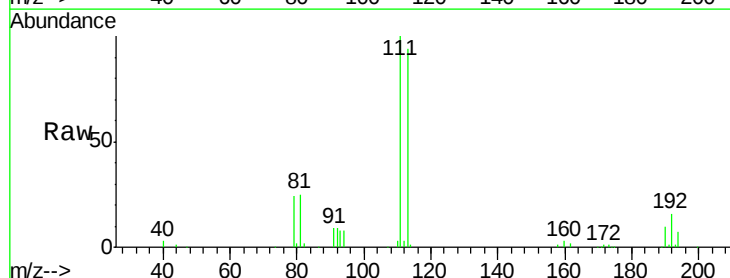


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

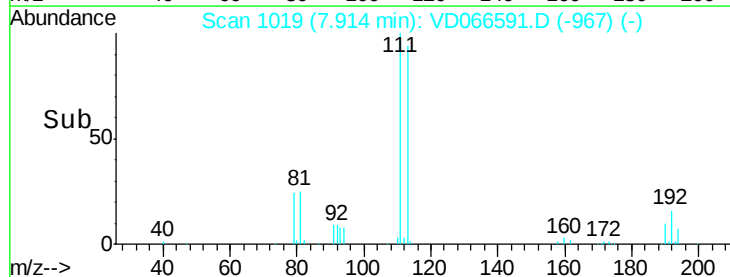
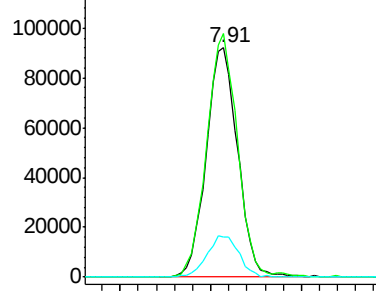


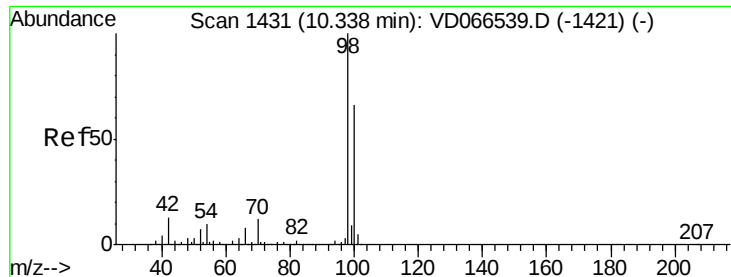
#35
 Dibromofluoromethane
 Concen: 52.041 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066591.D
 Acq: 09 Sep 2020 18:54

Tgt Ion:113 Resp: 222640
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.2 124.8
 192 18.2 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: 51.284 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066591.D

Acq: 09 Sep 2020 18:54

Instrument :

MSVOA_D

ClientSampleId :

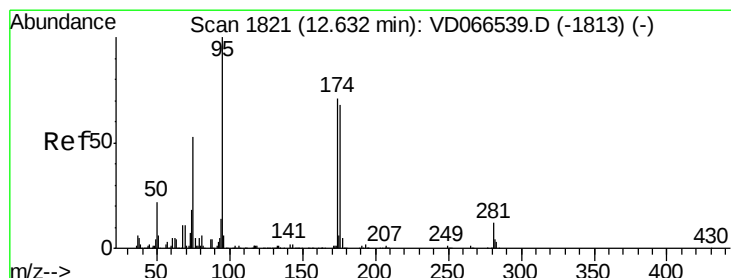
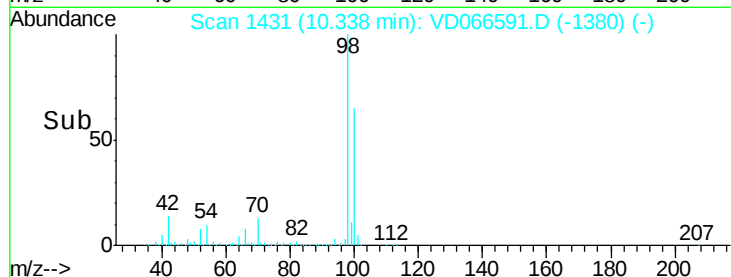
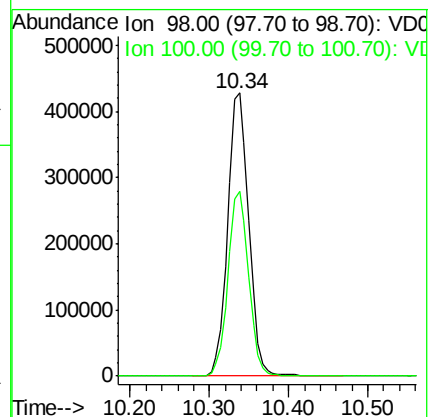
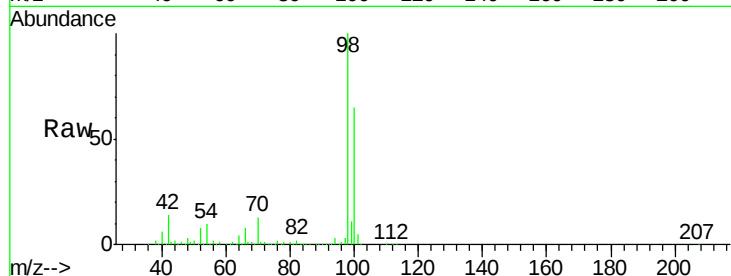
TP-13

Tot Ion: 98 Resp: 784172

Ion Ratio Lower Upper

98 100

100 64.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 51.409 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066591.D

Acq: 09 Sep 2020 18:54

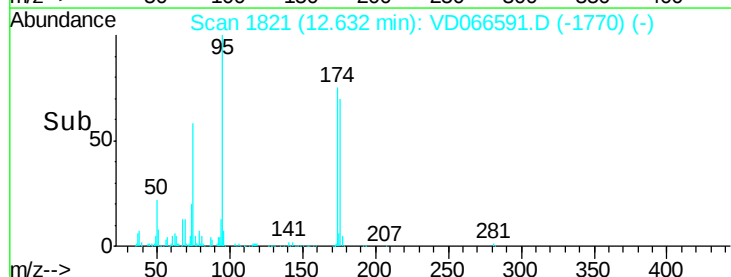
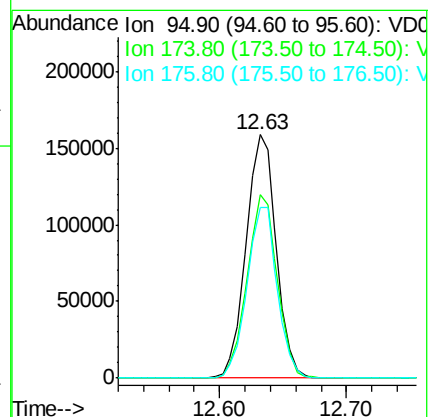
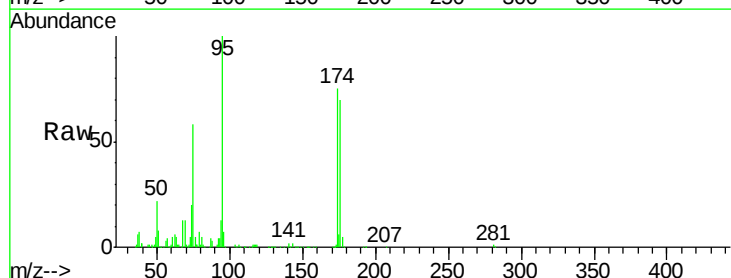
Tgt Ion: 95 Resp: 260656

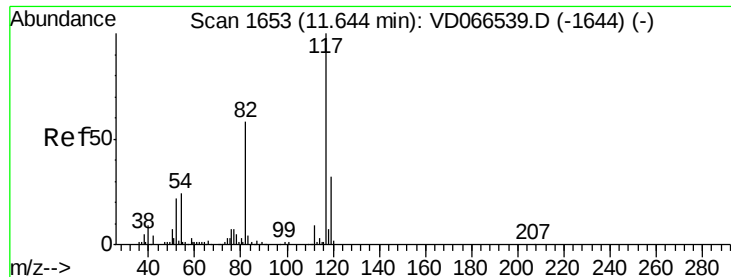
Ion Ratio Lower Upper

95 100

174 75.7 0.0 155.8

176 71.2 0.0 148.6

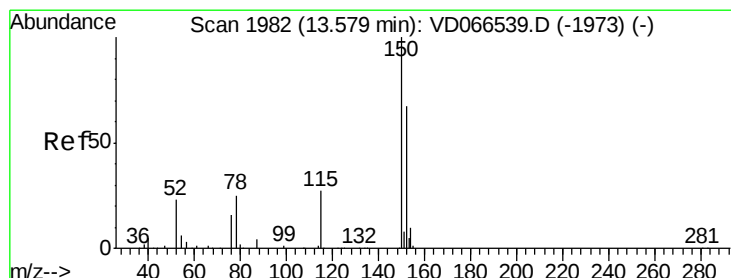
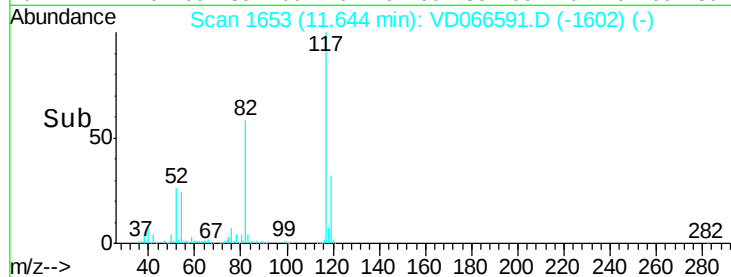
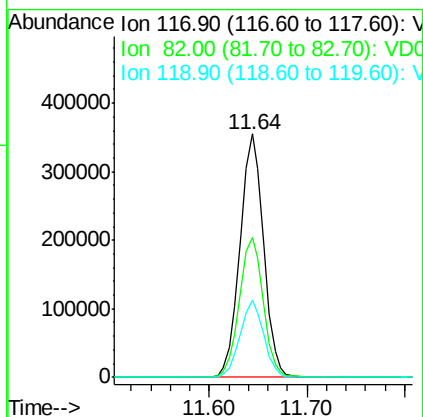
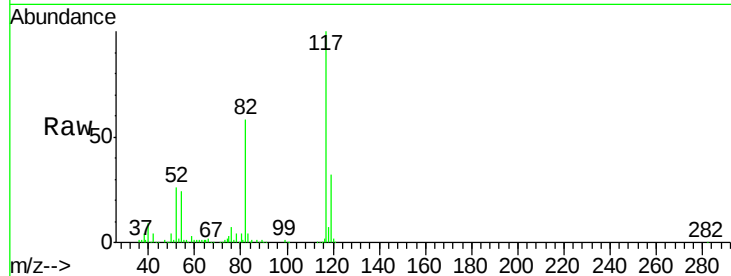




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066591.D
Acq: 09 Sep 2020 18:54

Instrument :
MSVOA_D
ClientSampleId :
TP-13

Tot Ion:117 Resp: 594642
Ion Ratio Lower Upper
117 100
82 57.6 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: VD066591.D
Acq: 09 Sep 2020 18:54

Tgt Ion:152 Resp: 256289
Ion Ratio Lower Upper
152 100
115 63.0 30.4 91.2
150 157.5 0.0 345.8

