

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066550.D
 Acq On : 03 Sep 2020 22:45
 Operator : VA/SY
 Sample : L3888-09
 Misc : 7.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 9-2-TP-3

Quant Time: Sep 04 06:25:26 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	355038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	652473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	590646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	255711	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	228308	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
35) Dibromofluoromethane	7.91	113	223964	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.34	98	809375	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.63	95	250102	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

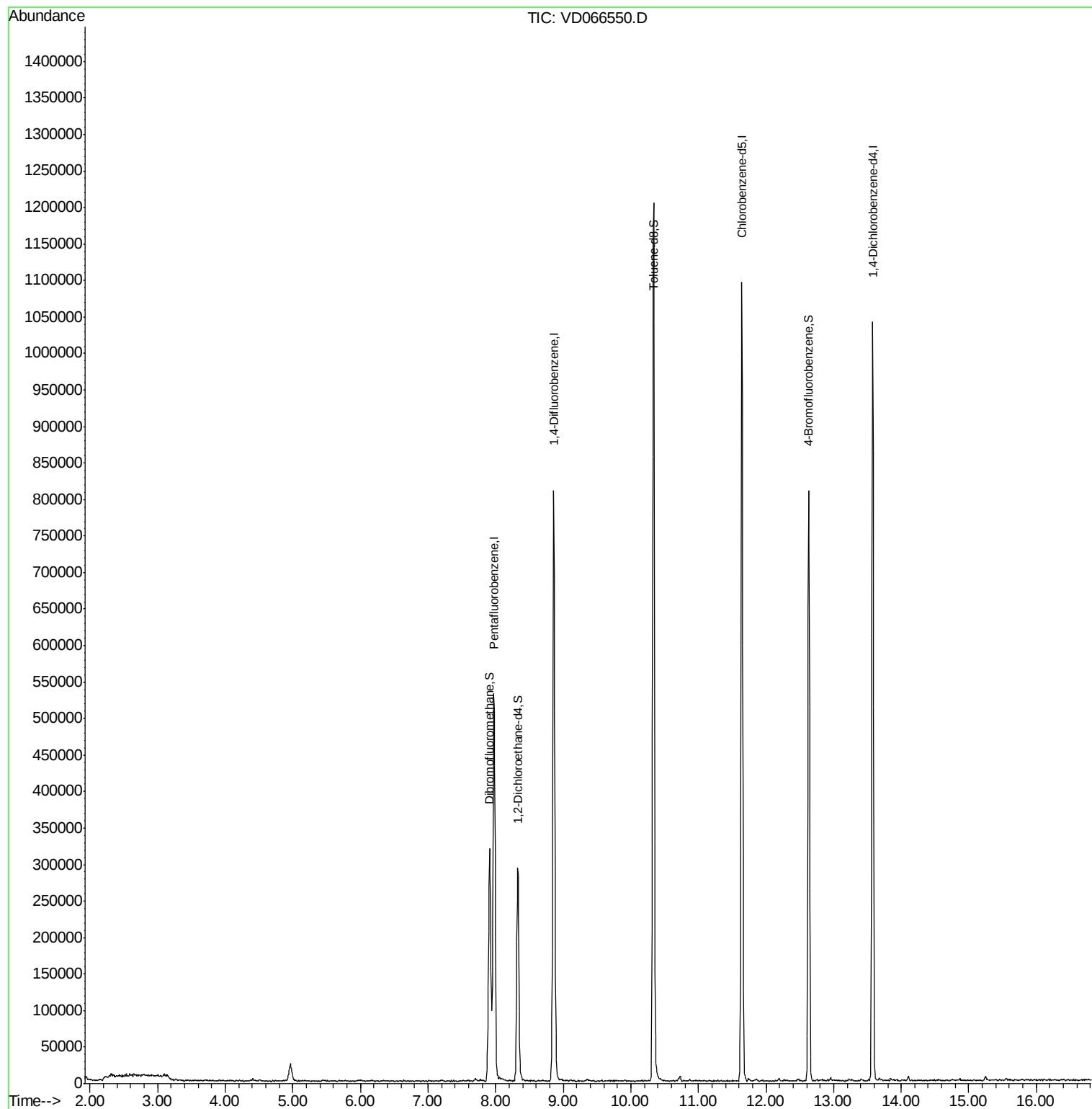
Target Compounds	Qvalue

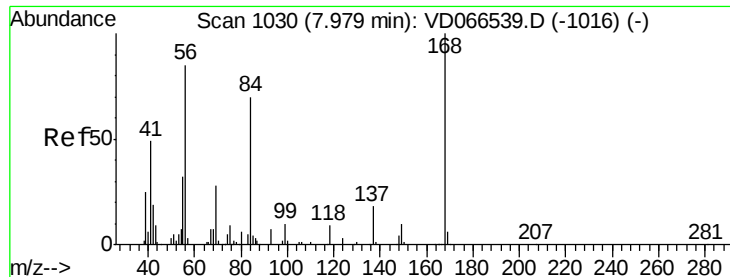
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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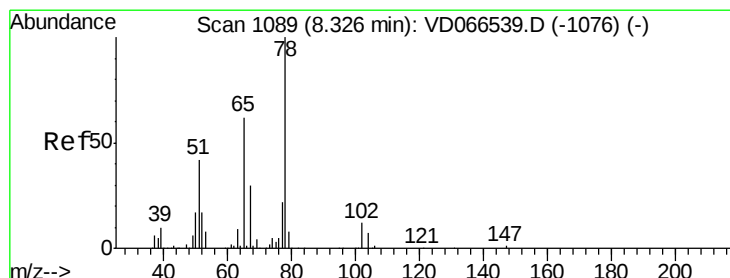
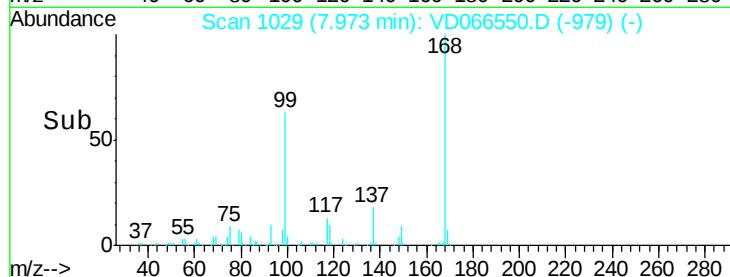
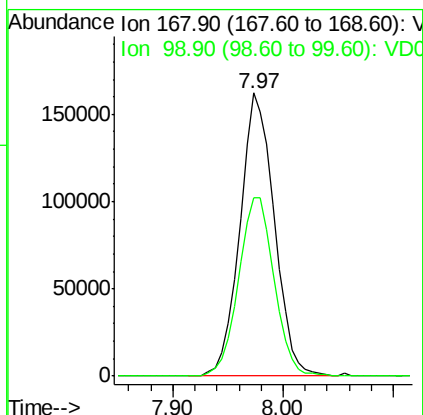
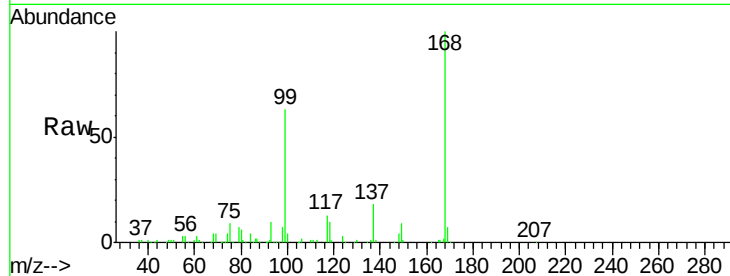




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066550.D
Acq: 03 Sep 2020 22:45

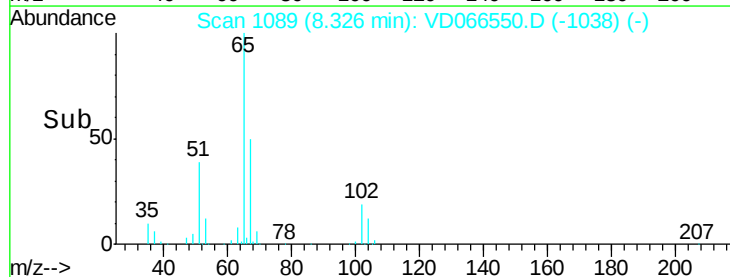
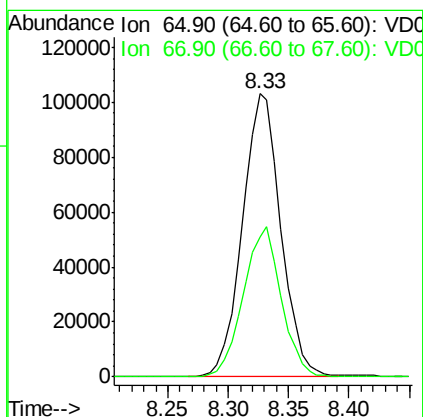
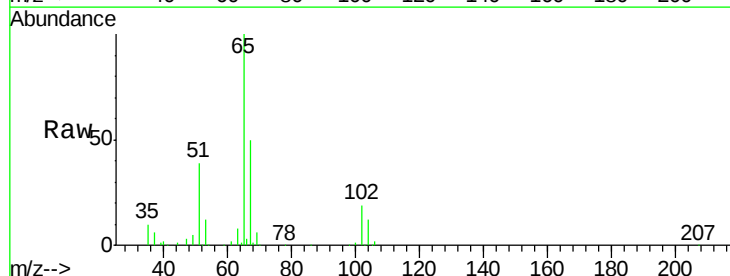
Instrument :
MSVOA_D
ClientSampleId :
9-2-TP-3

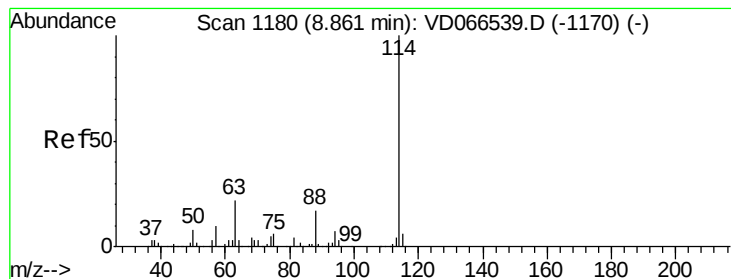
Tot Ion:168 Resp: 355038
Ion Ratio Lower Upper
168 100
99 63.0 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 53.149 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066550.D
Acq: 03 Sep 2020 22:45

Tgt Ion: 65 Resp: 228308
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066550.D

Acq: 03 Sep 2020 22:45

Instrument :

MSVOA_D

ClientSampleId :

9-2-TP-3

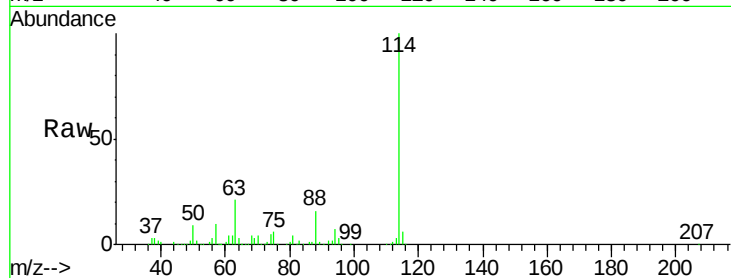
Tot Ion:114 Resp: 652473

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

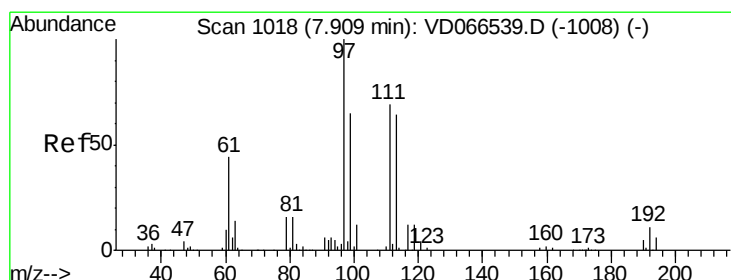
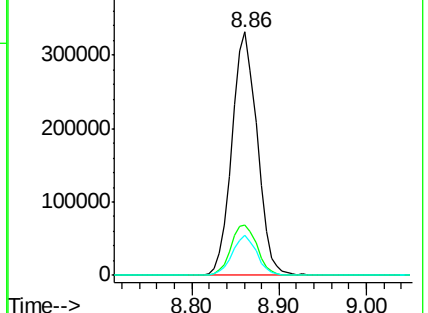
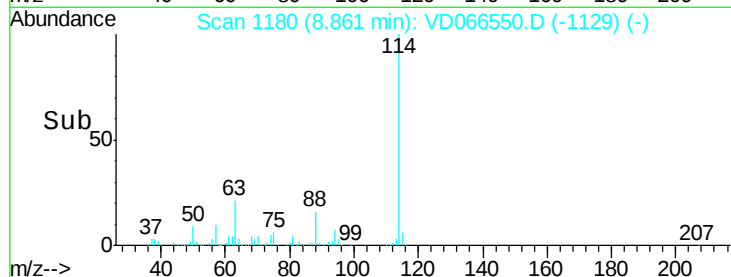
88 16.3 0.0 33.2



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: 50.882 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066550.D

Acq: 03 Sep 2020 22:45

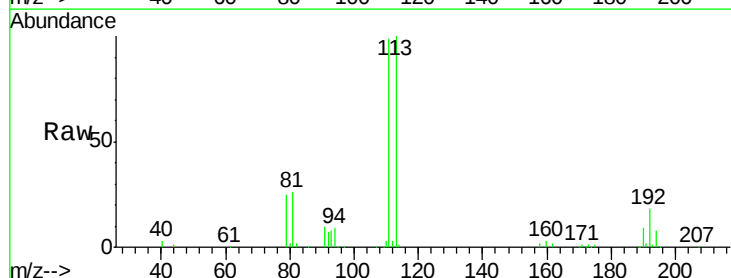
Tgt Ion:113 Resp: 223964

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

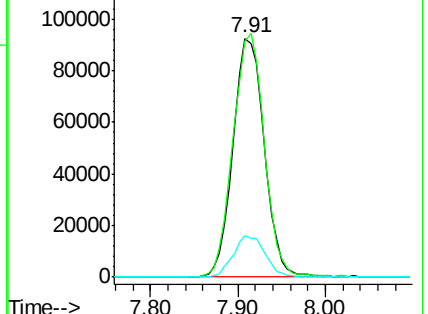
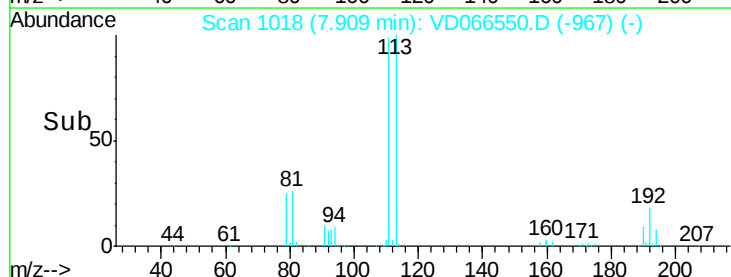
192 17.4 13.7 20.5

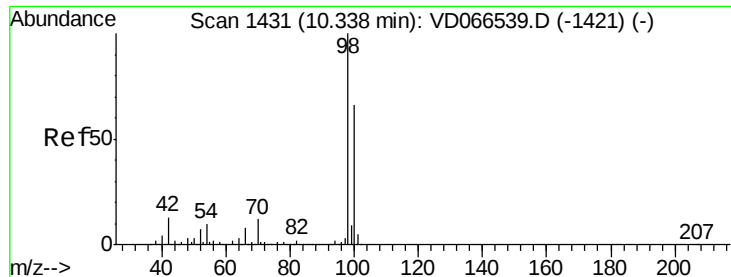


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.447 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066550.D

Acq: 03 Sep 2020 22:45

Instrument :

MSVOA_D

ClientSampleId :

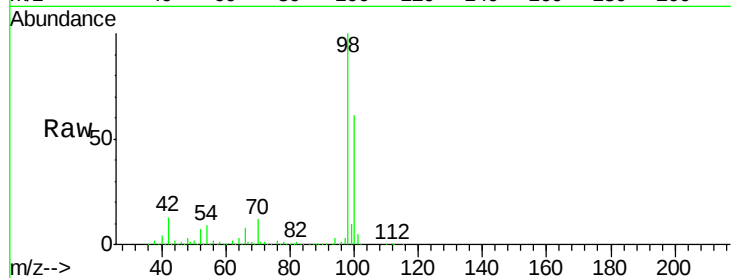
9-2-TP-3

Tot Ion: 98 Resp: 809375

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD066539.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066539.D (-1421) (-)

10.34

500000

400000

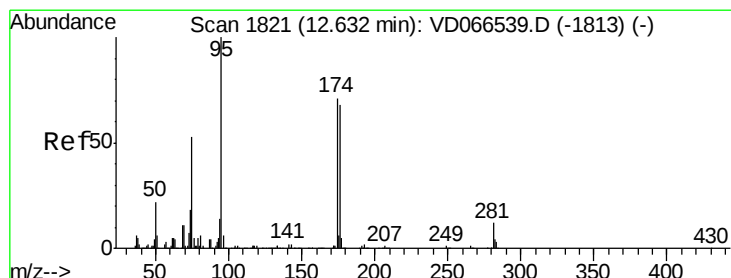
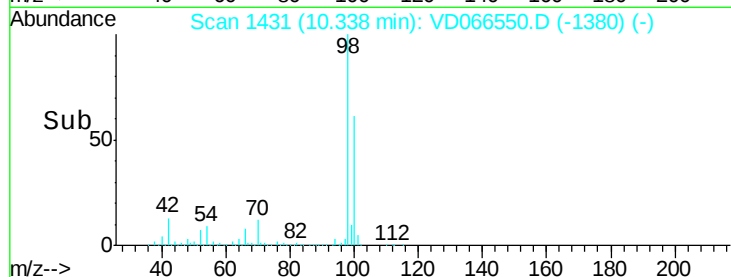
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.944 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066550.D

Acq: 03 Sep 2020 22:45

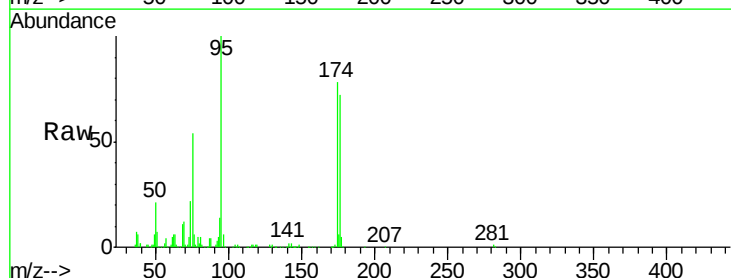
Tgt Ion: 95 Resp: 250102

Ion Ratio Lower Upper

95 100

174 76.7 0.0 155.8

176 73.8 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VD066539.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066539.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066539.D (-1813) (-)

12.63

200000

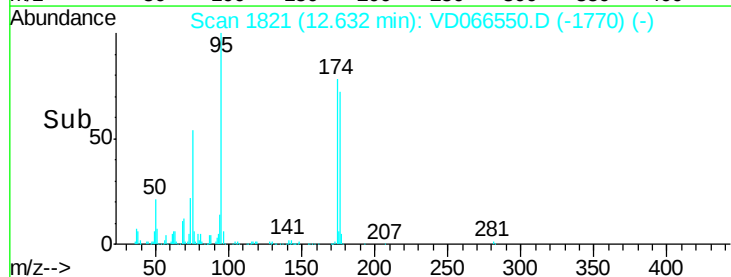
150000

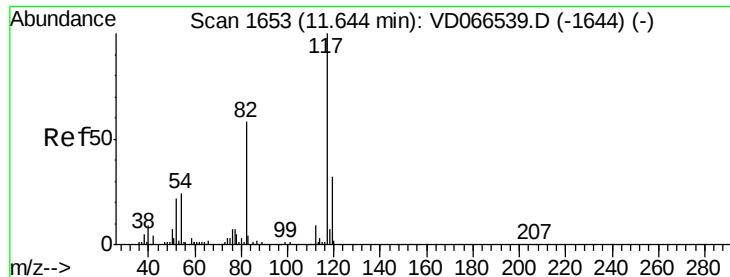
100000

50000

0

Time-->

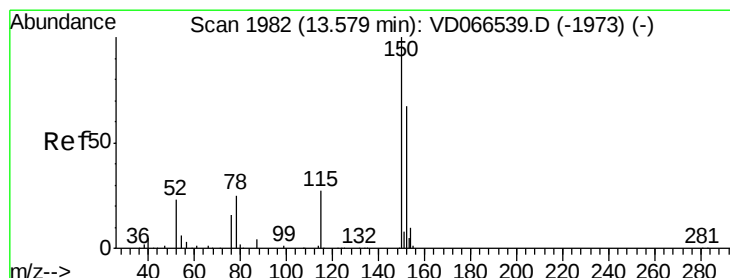
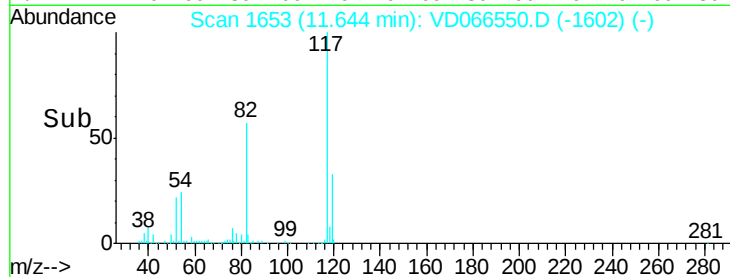
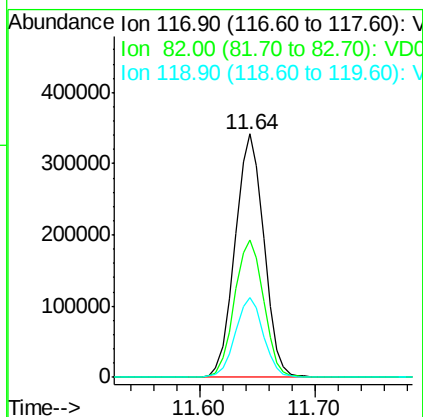
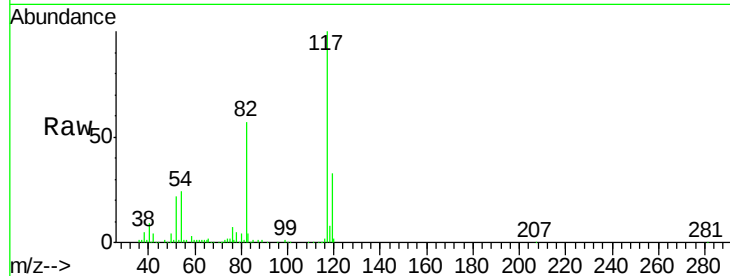




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066550.D
Acq: 03 Sep 2020 22:45

Instrument :
MSVOA_D
ClientSampleId :
9-2-TP-3

Tot Ion:117 Resp: 590646
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.2
119 32.7 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: VD066550.D
Acq: 03 Sep 2020 22:45

Tgt Ion:152 Resp: 255711
Ion Ratio Lower Upper
152 100
115 59.9 30.4 91.2
150 153.1 0.0 345.8

