

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066622.D
 Acq On : 10 Sep 2020 18:01
 Operator : VA/SY
 Sample : L3808-08
 Misc : 5.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B44-090320-DP

Quant Time: Sep 11 02:55:11 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	347753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	644513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	606372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266087	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	240376	57.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.26%	
35) Dibromofluoromethane	7.91	113	219028	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.34	98	808343	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.63	95	256101	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	

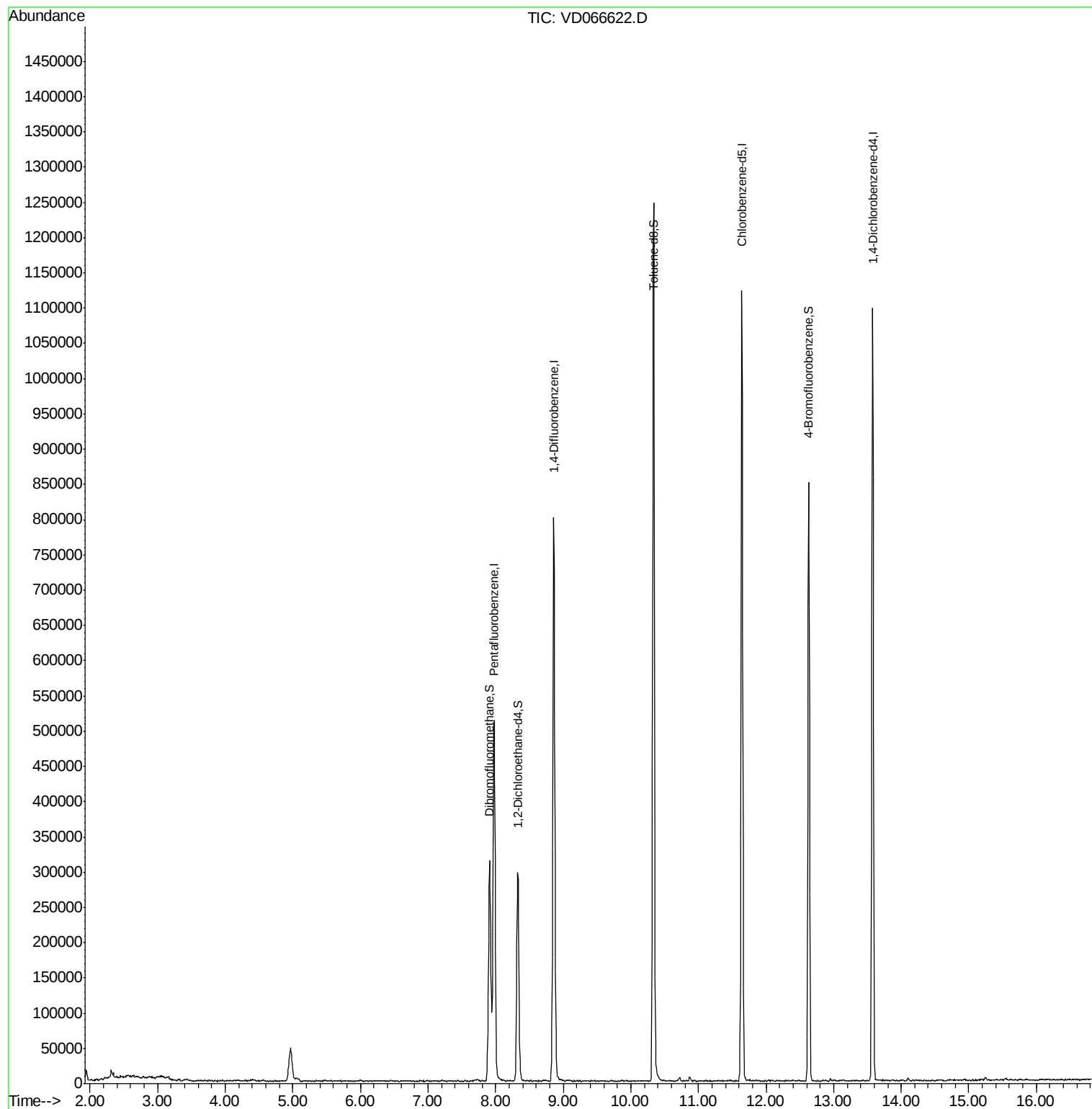
Target Compounds	Qvalue
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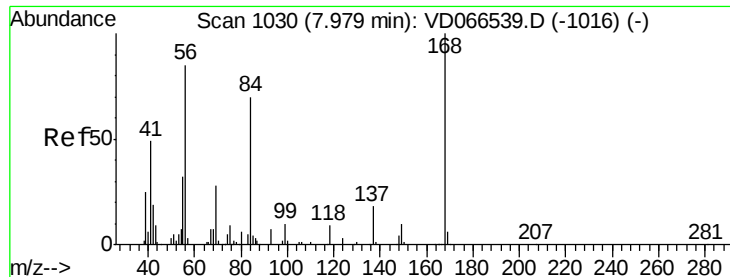
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066622.D

Acq: 10 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

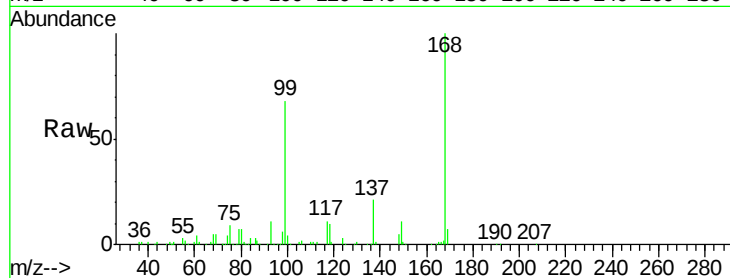
PAV-B44-090320-DP

Tot Ion:168 Resp: 347753

Ion Ratio Lower Upper

168 100

99 67.8 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

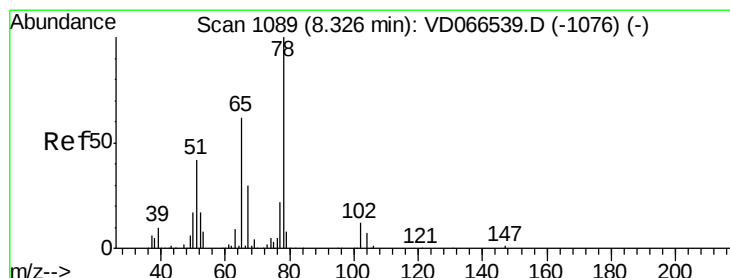
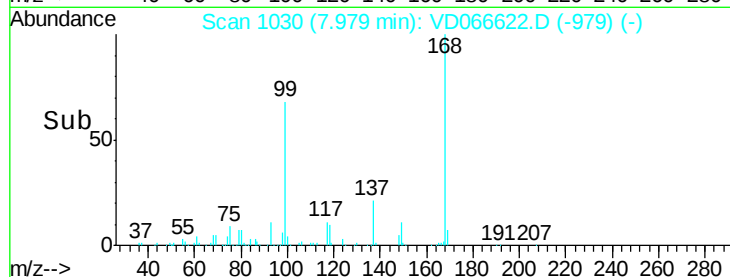
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.131 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066622.D

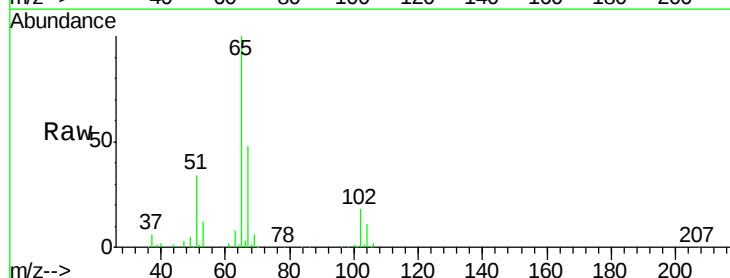
Acq: 10 Sep 2020 18:01

Tgt Ion: 65 Resp: 240376

Ion Ratio Lower Upper

65 100

67 49.6 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

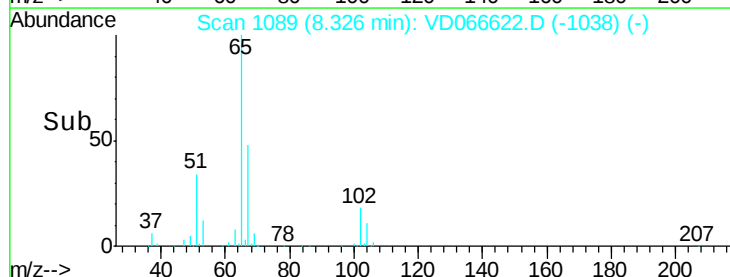
40000

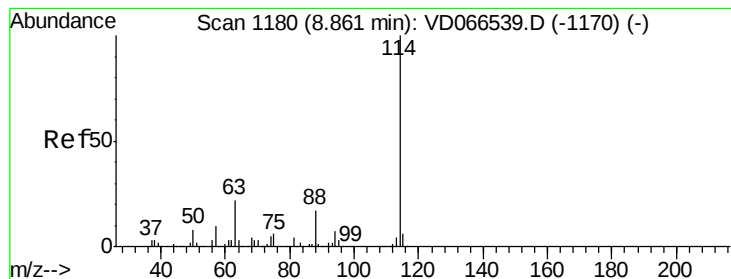
20000

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: VD066622.D

Acq: 10 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

PAV-B44-090320-DP

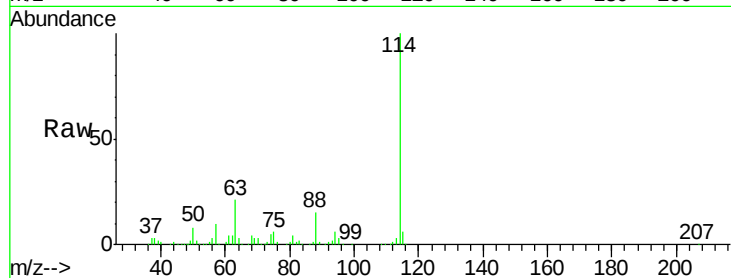
Tot Ion:114 Resp: 644513

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

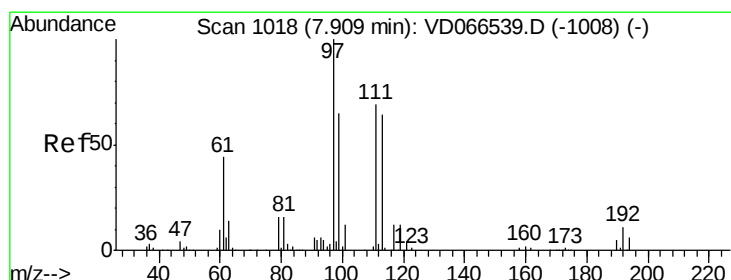
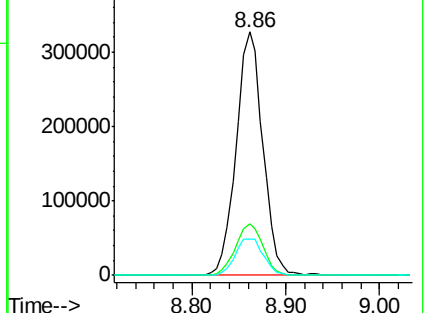
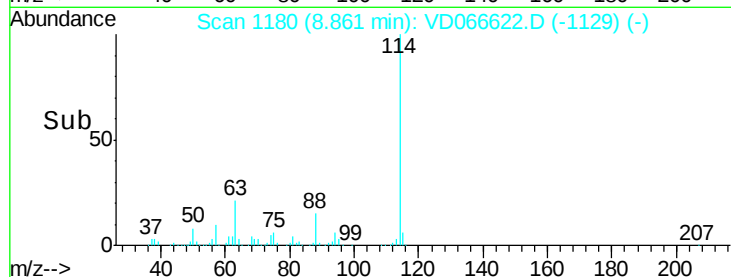
88 15.0 0.0 33.2



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: 50.375 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066622.D

Acq: 10 Sep 2020 18:01

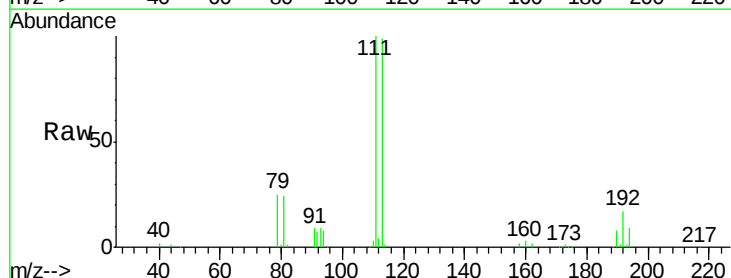
Tgt Ion:113 Resp: 219028

Ion Ratio Lower Upper

113 100

111 105.4 83.2 124.8

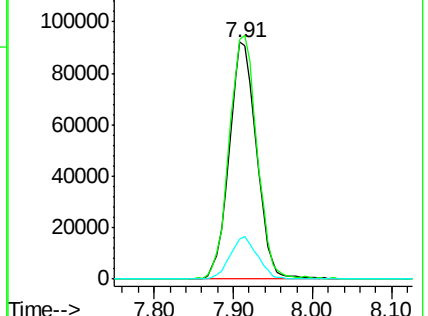
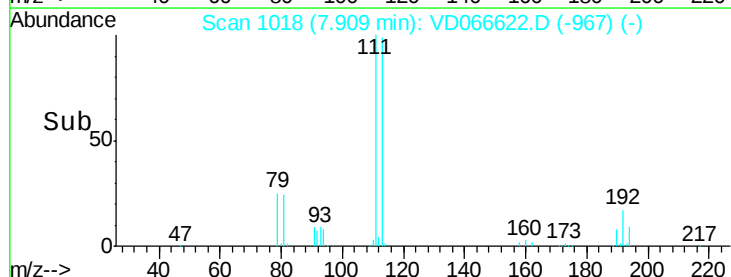
192 18.0 13.7 20.5

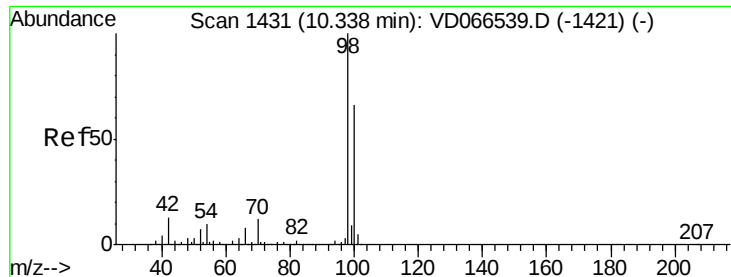


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.016 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066622.D

Acq: 10 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

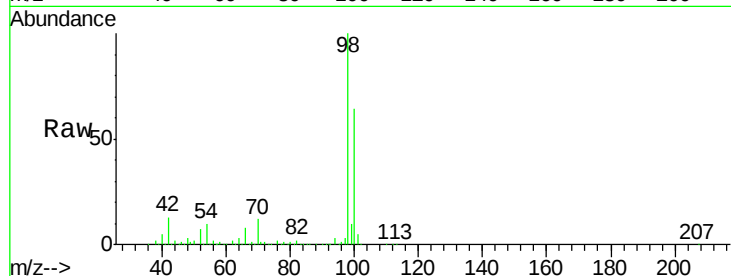
PAV-B44-090320-DP

Tot Ion: 98 Resp: 808343

Ion Ratio Lower Upper

98 100

100 64.8 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

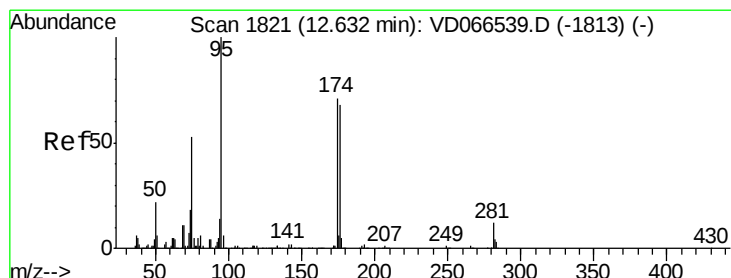
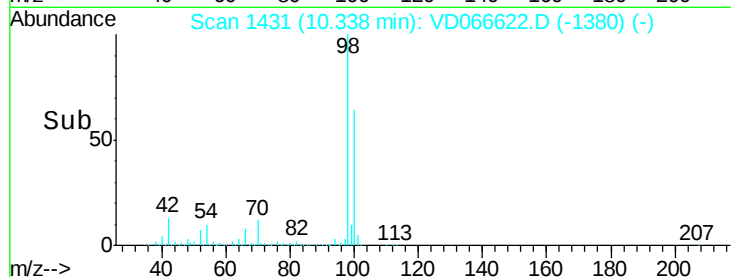
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 49.700 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066622.D

Acq: 10 Sep 2020 18:01

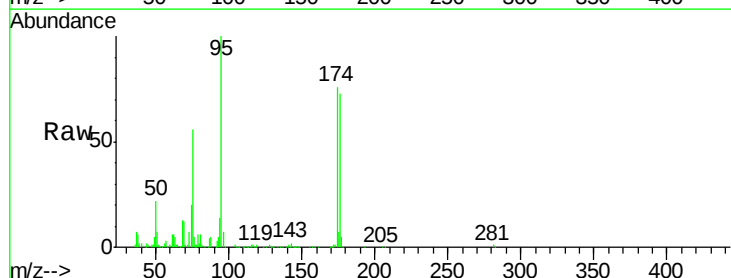
Tgt Ion: 95 Resp: 256101

Ion Ratio Lower Upper

95 100

174 76.7 0.0 155.8

176 72.4 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

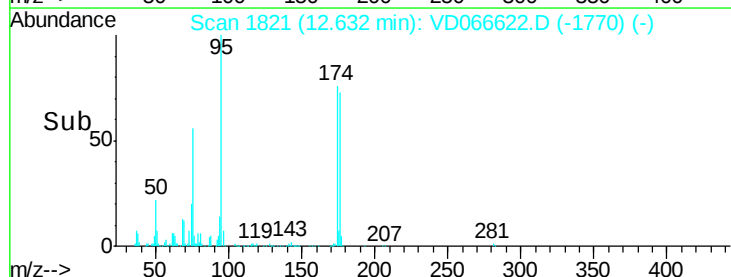
150000

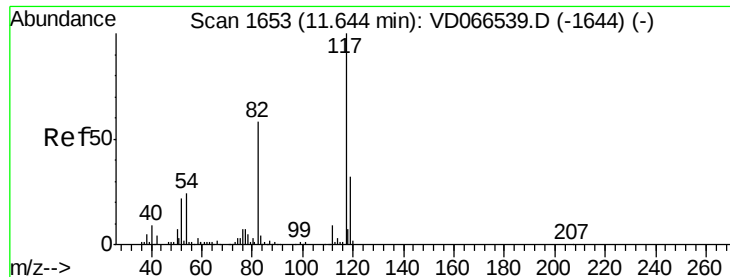
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

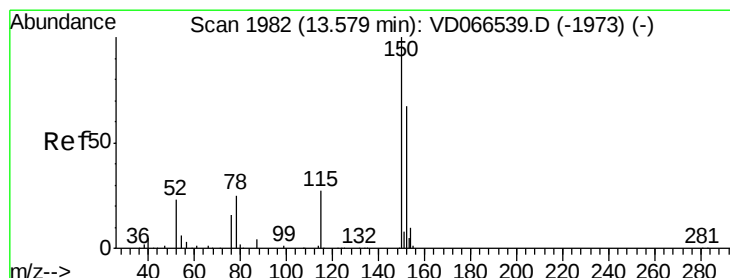
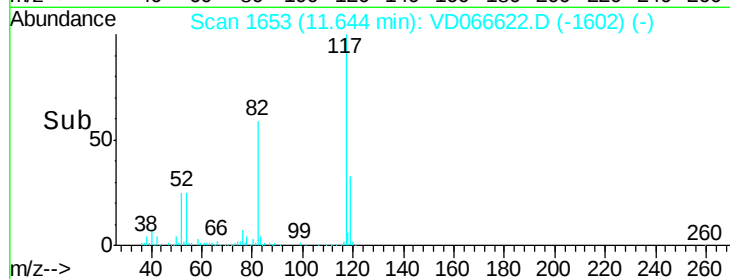
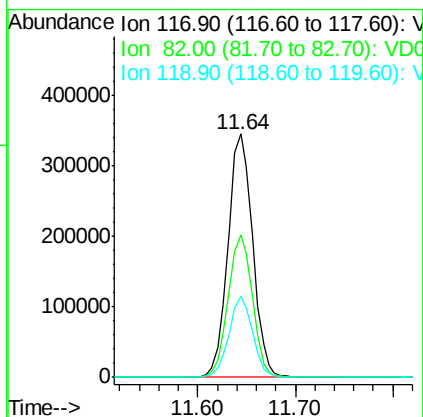
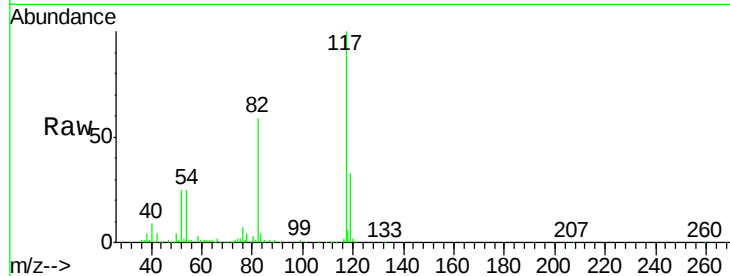




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066622.D
Acq: 10 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
PAV-B44-090320-DP

Tot Ion:117 Resp: 606372
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.2
119 33.3 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: VD066622.D
Acq: 10 Sep 2020 18:01

Tgt Ion:152 Resp: 266087
Ion Ratio Lower Upper
152 100
115 63.3 30.4 91.2
150 153.4 0.0 345.8

