

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066727.D
 Acq On : 16 Sep 2020 18:43
 Operator : VA/SY
 Sample : L4013-01
 Misc : 4.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B40-091420-0-1

Quant Time: Sep 17 01:27:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	374602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	698160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	674426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291926	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	249522	62.43	ug/l	0.00
Spiked Amount			Recovery	=	124.86%	
35) Dibromofluoromethane	7.91	113	240579	56.20	ug/l	0.00
Spiked Amount			Recovery	=	112.40%	
50) Toluene-d8	10.34	98	859813	56.38	ug/l	0.00
Spiked Amount			Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.63	95	287395	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	

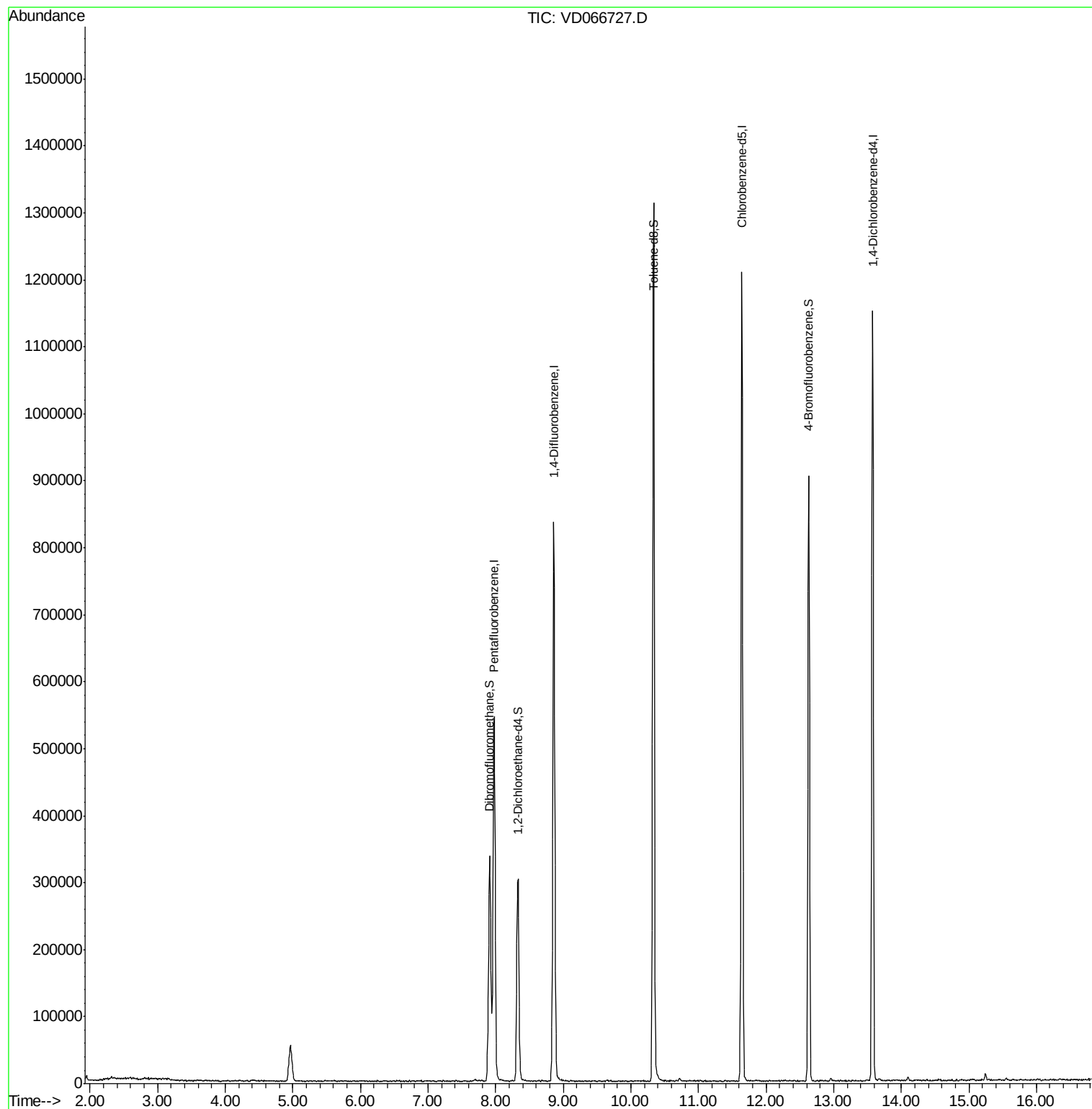
Target Compounds	Qvalue
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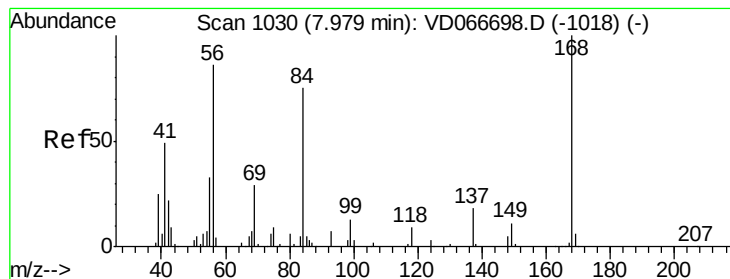
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 16:35:37 2020
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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: VD066727.D

Acq: 16 Sep 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

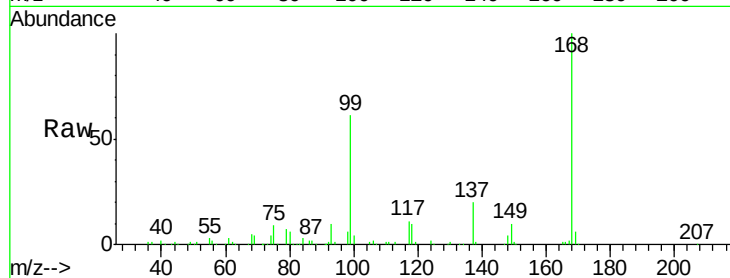
PAV-B40-091420-0-1

Tot Ion:168 Resp: 374602

Ion Ratio Lower Upper

168 100

99 60.5 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

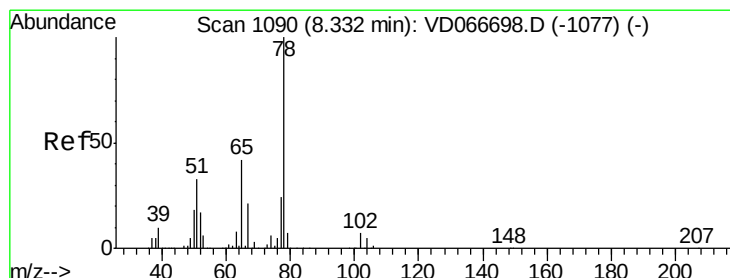
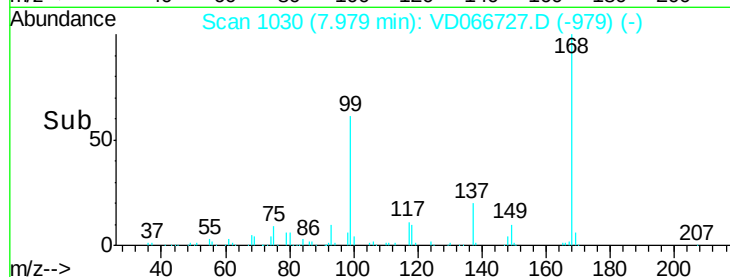
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.431 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066727.D

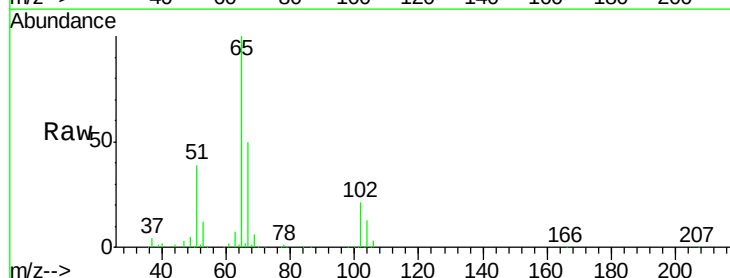
Acq: 16 Sep 2020 18:43

Tgt Ion: 65 Resp: 249522

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

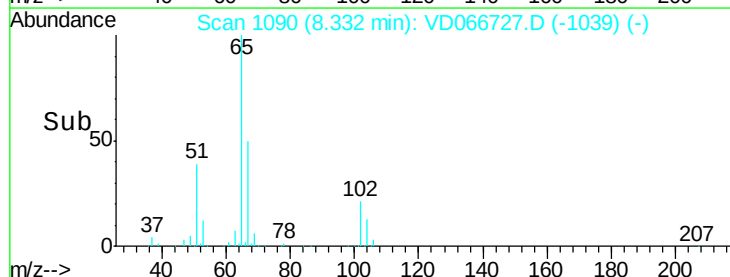
60000

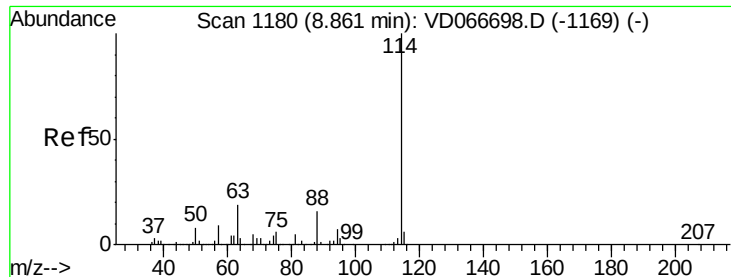
40000

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: VD066727.D

Acq: 16 Sep 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

PAV-B40-091420-0-1

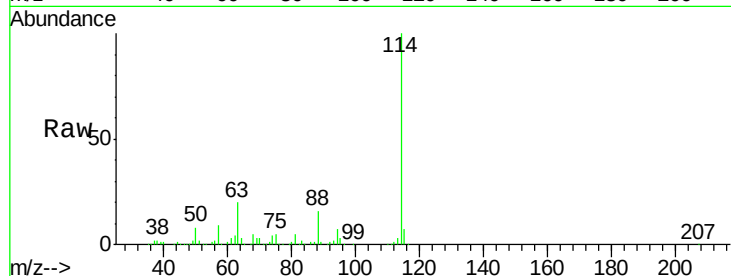
Tot Ion:114 Resp: 698160

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.6

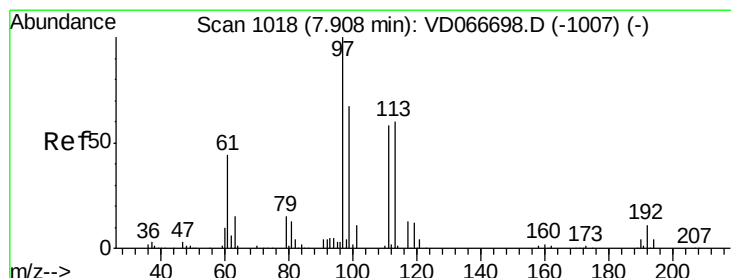
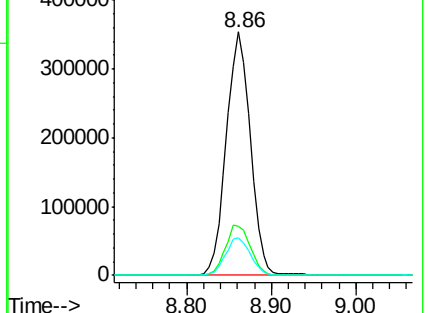
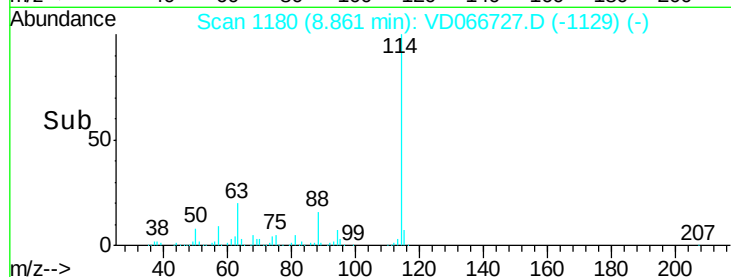
88 15.6 0.0 32.2



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: 56.205 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066727.D

Acq: 16 Sep 2020 18:43

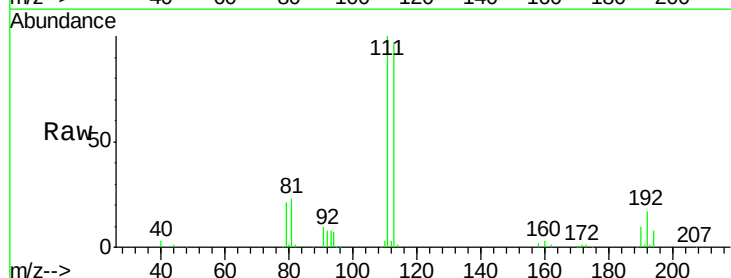
Tgt Ion:113 Resp: 240579

Ion Ratio Lower Upper

113 100

111 101.9 83.2 124.8

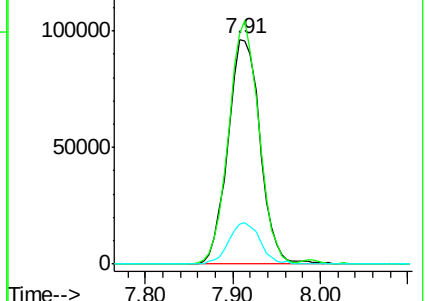
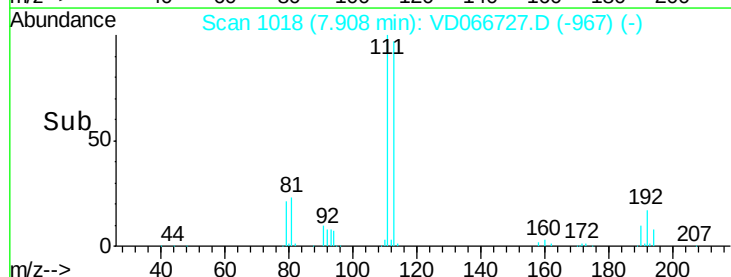
192 18.0 14.8 22.2

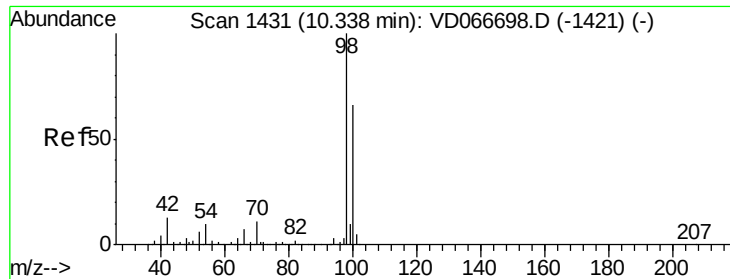


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.381 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066727.D

Acq: 16 Sep 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

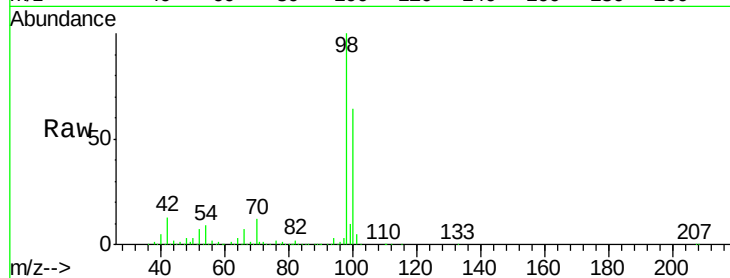
PAV-B40-091420-0-1

Tot Ion: 98 Resp: 859813

Ion Ratio Lower Upper

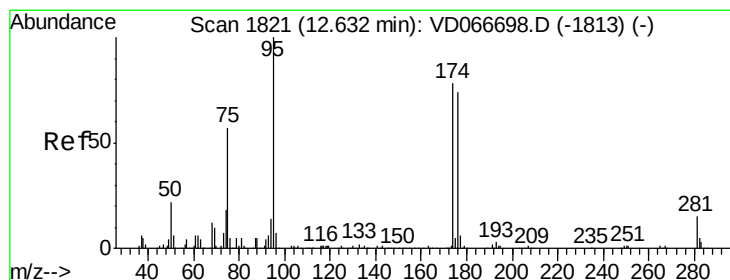
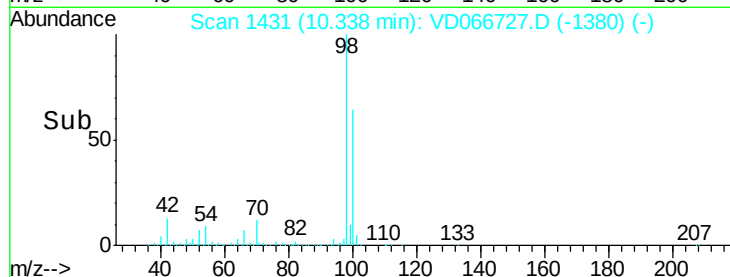
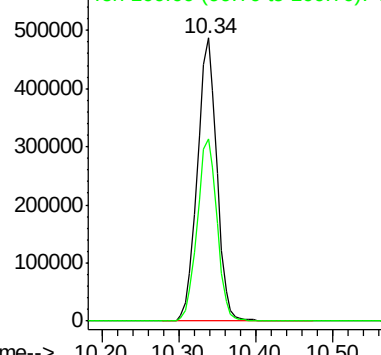
98 100

100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 54.595 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066727.D

Acq: 16 Sep 2020 18:43

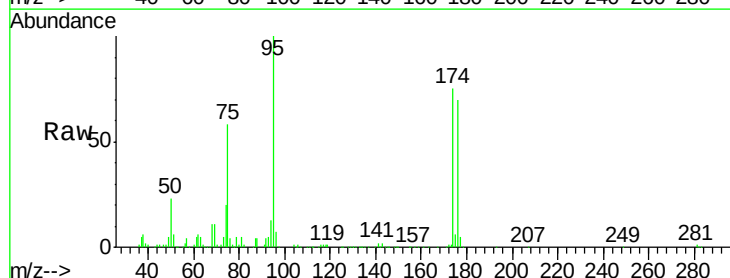
Tgt Ion: 95 Resp: 287395

Ion Ratio Lower Upper

95 100

174 76.5 0.0 156.6

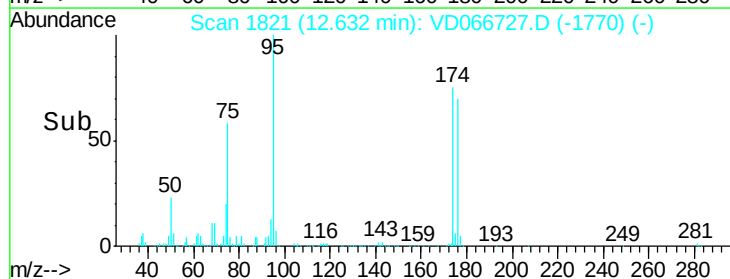
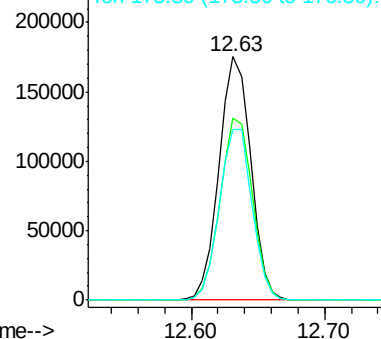
176 72.5 0.0 150.2

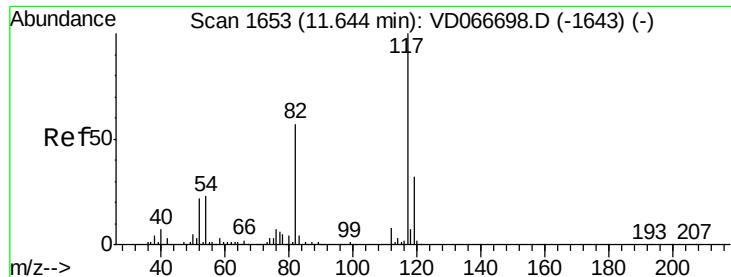


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

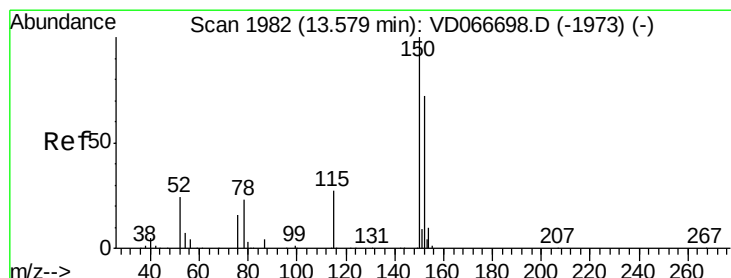
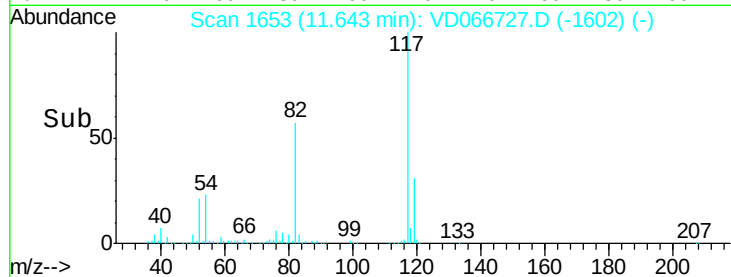
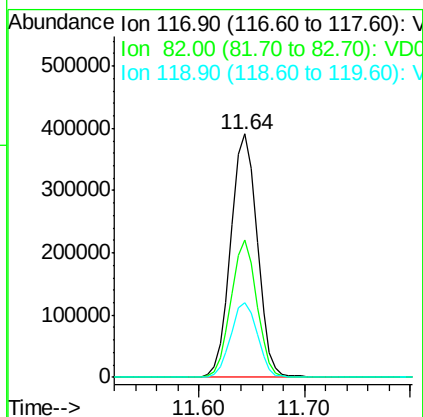
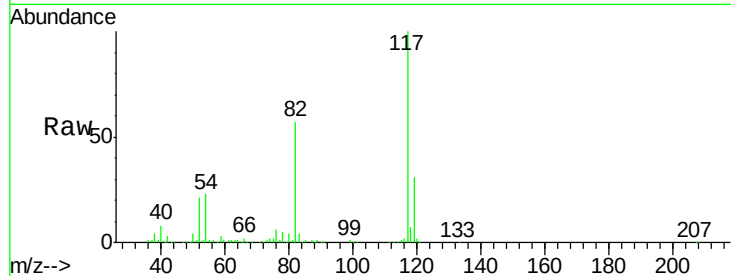




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066727.D
Acq: 16 Sep 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :
PAV-B40-091420-0-1

Tot Ion:117 Resp: 674426
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 30.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066727.D
Acq: 16 Sep 2020 18:43

Tgt Ion:152 Resp: 291926
Ion Ratio Lower Upper
152 100
115 60.7 30.5 91.5
150 154.7 0.0 344.6

