

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066583.D
 Acq On : 09 Sep 2020 15:14
 Operator : VA/SY
 Sample : L3894-04
 Misc : 7.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AL-FALAH-2

Quant Time: Sep 10 02:05:11 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	360063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	661908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259149	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	241708	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
35) Dibromofluoromethane	7.91	113	227465	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.34	98	809423	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.63	95	267624	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

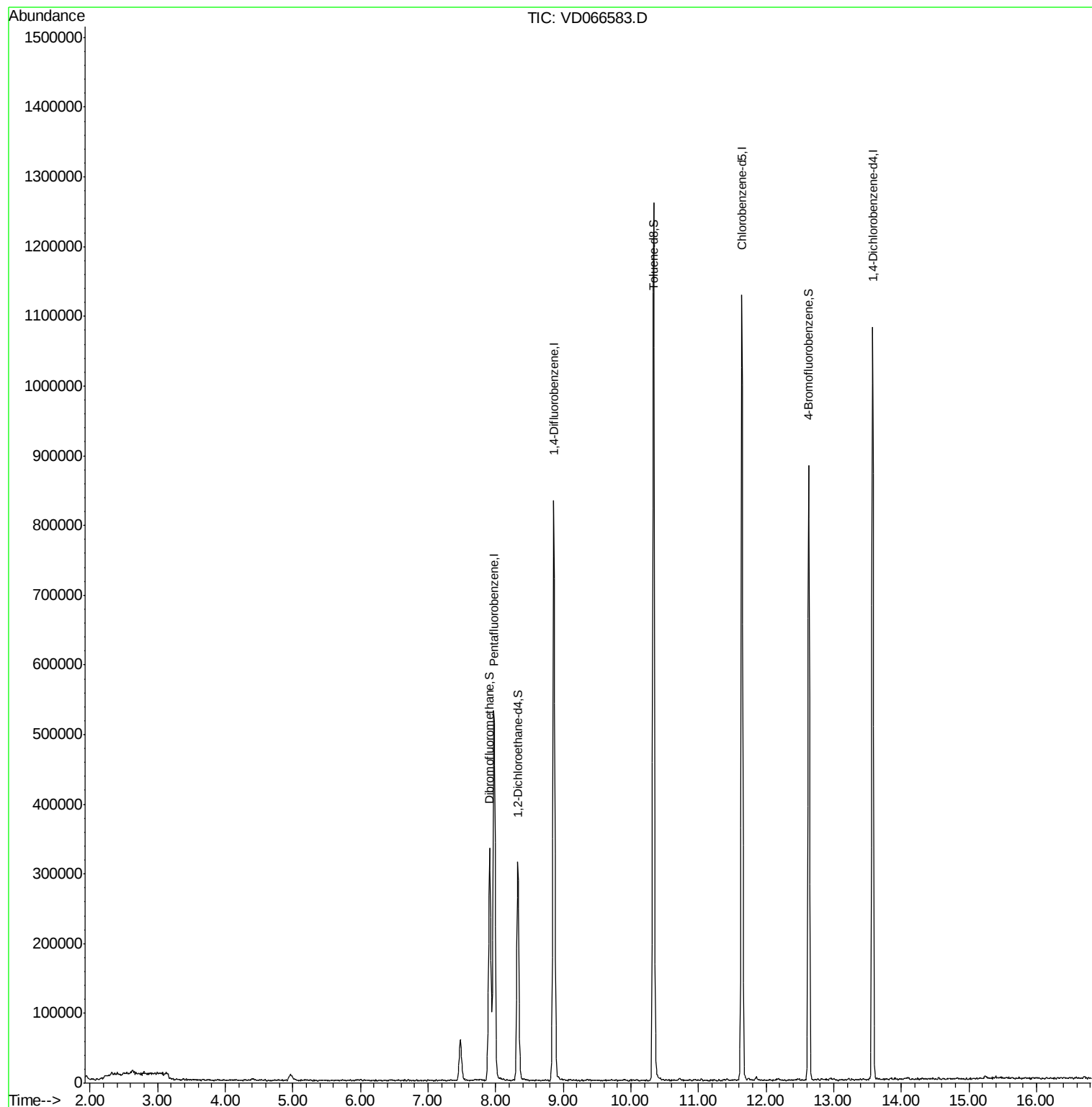
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066583.D

Acq: 09 Sep 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

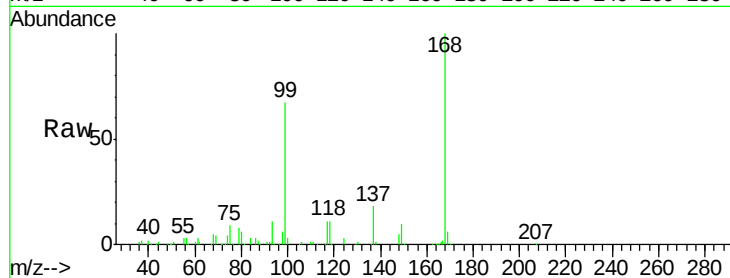
AL-FALAH-2

Tot Ion:168 Resp: 360063

Ion Ratio Lower Upper

168 100

99 67.1 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

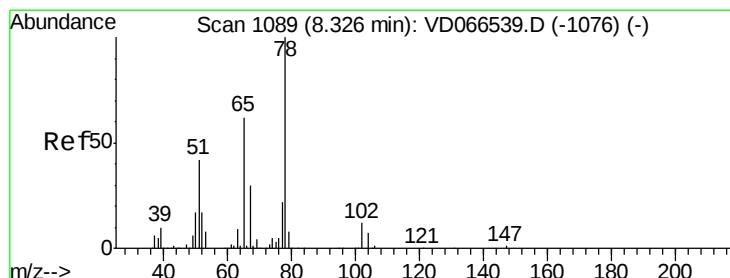
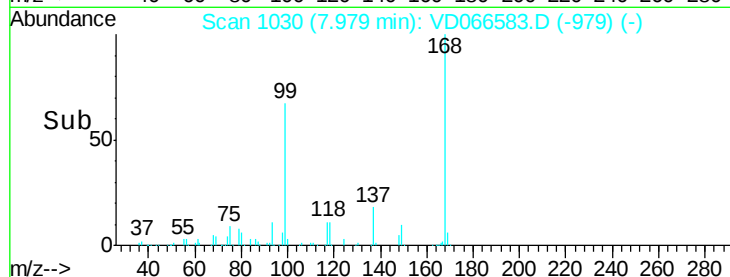
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.483 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066583.D

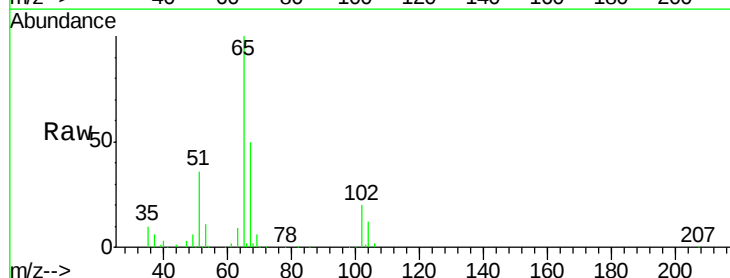
Acq: 09 Sep 2020 15:14

Tgt Ion: 65 Resp: 241708

Ion Ratio Lower Upper

65 100

67 49.9 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

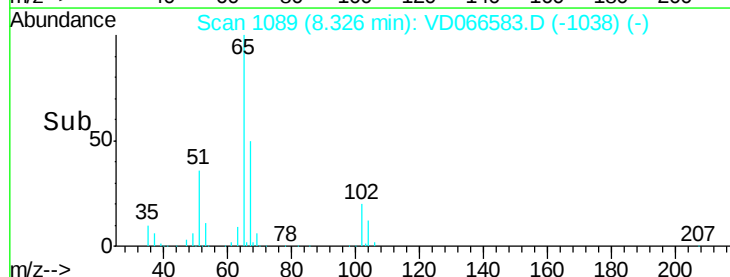
60000

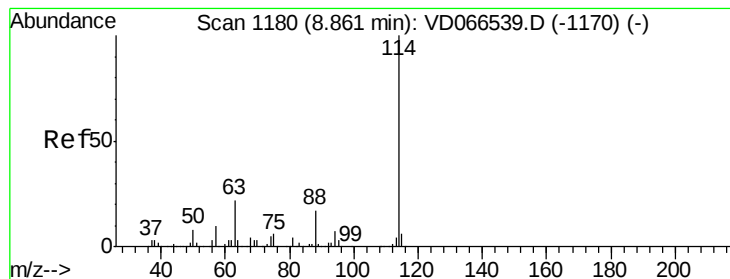
40000

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: VD066583.D

Acq: 09 Sep 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

AL-FALAH-2

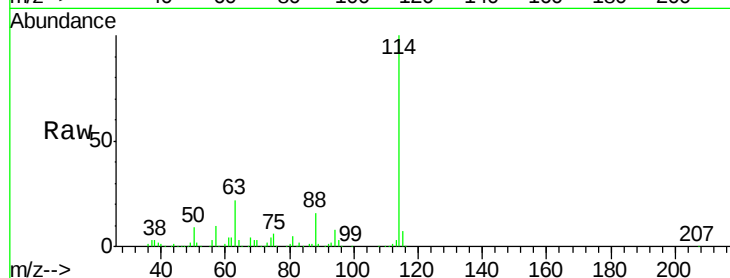
Tot Ion:114 Resp: 661908

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

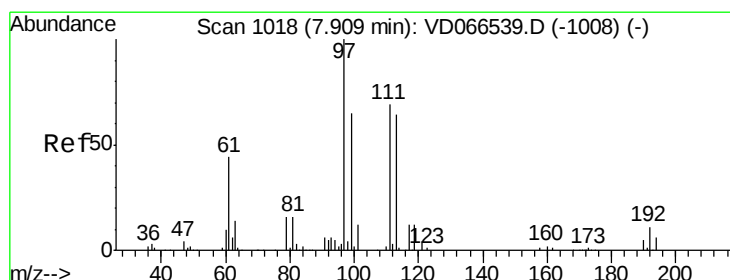
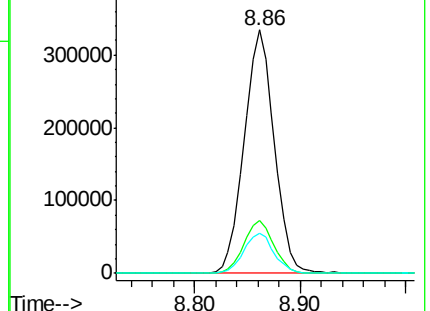
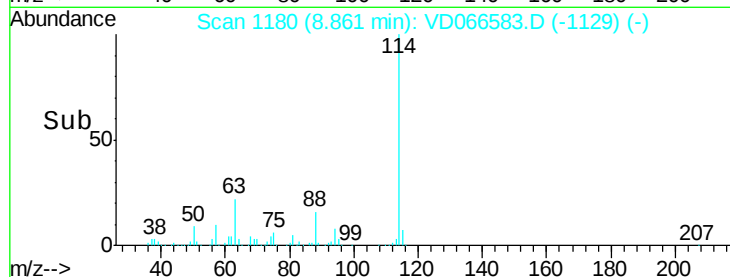
88 16.3 0.0 33.2



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: 50.941 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066583.D

Acq: 09 Sep 2020 15:14

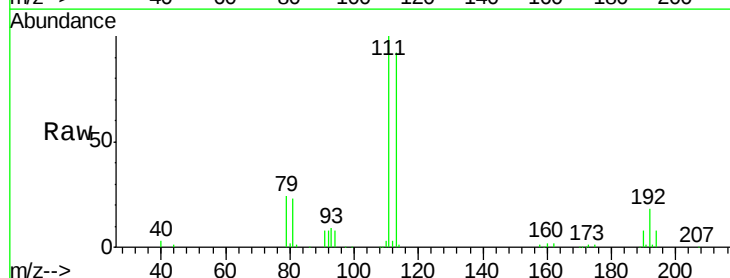
Tgt Ion:113 Resp: 227465

Ion Ratio Lower Upper

113 100

111 105.2 83.2 124.8

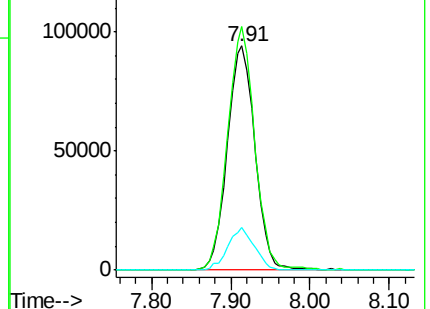
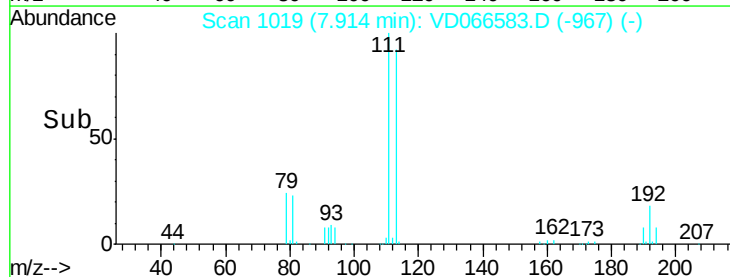
192 18.2 13.7 20.5

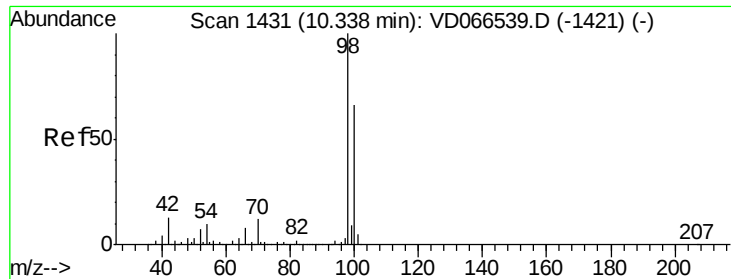


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.717 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066583.D

Acq: 09 Sep 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

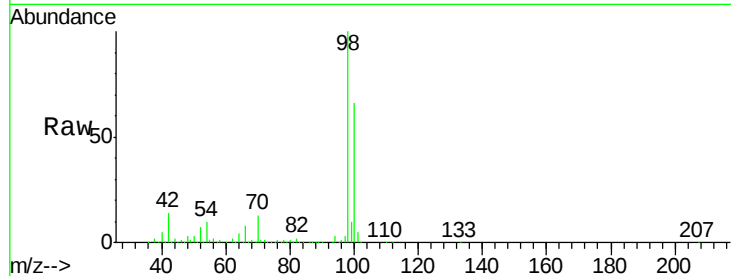
AL-FALAH-2

Tot Ion: 98 Resp: 809423

Ion Ratio Lower Upper

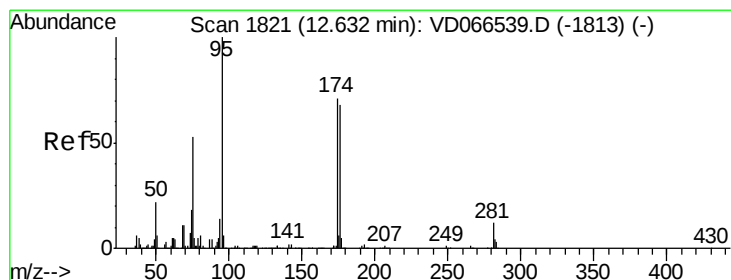
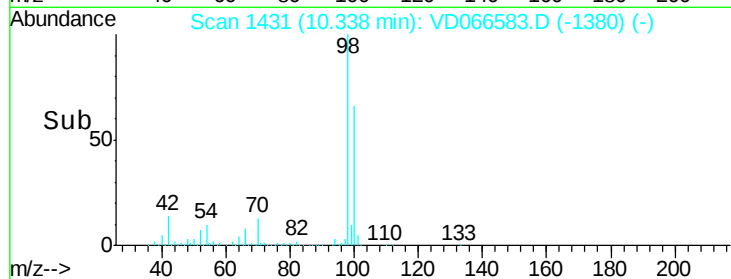
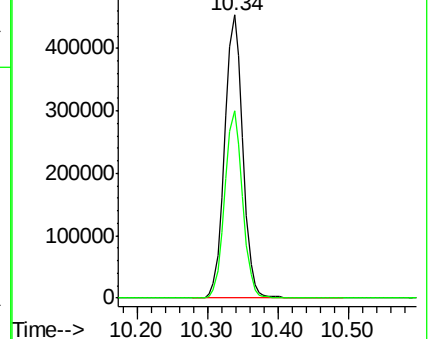
98 100

100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.571 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066583.D

Acq: 09 Sep 2020 15:14

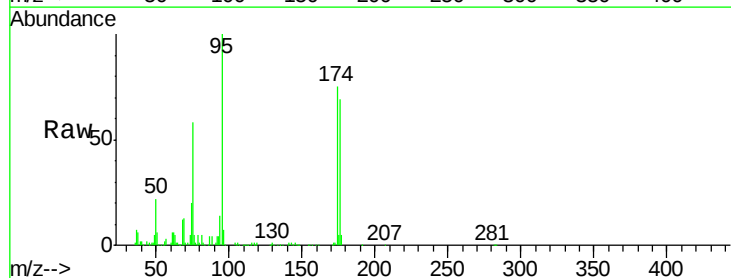
Tgt Ion: 95 Resp: 267624

Ion Ratio Lower Upper

95 100

174 77.2 0.0 155.8

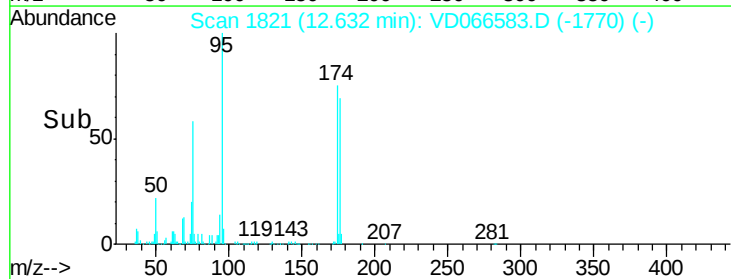
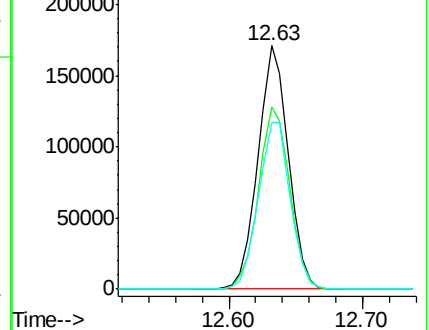
176 72.5 0.0 148.6

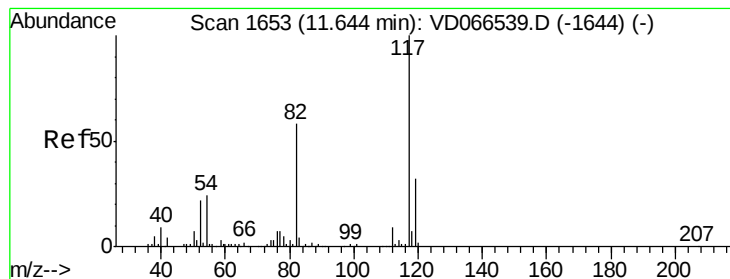


Abundance Ion 94.90 (94.60 to 95.60): VDC

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: VD066583.D

Acq: 09 Sep 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

AL-FALAH-2

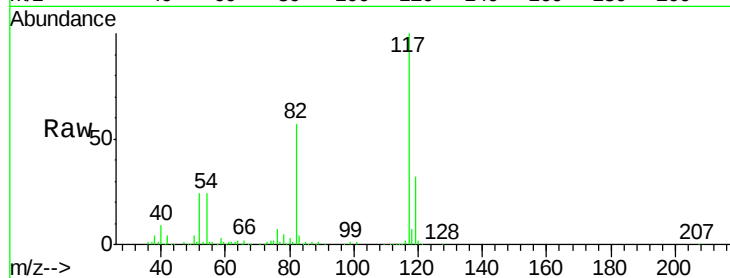
Tot Ion:117 Resp: 609303

Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.2

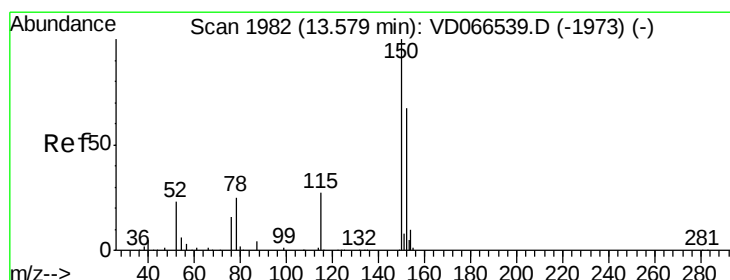
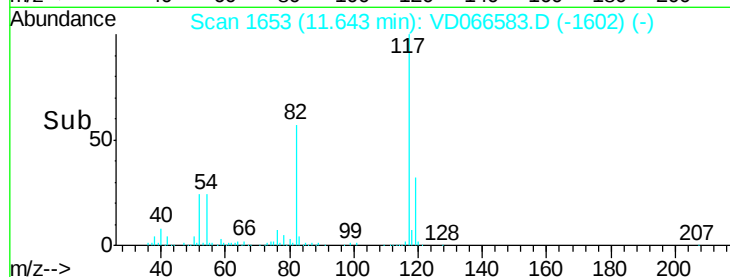
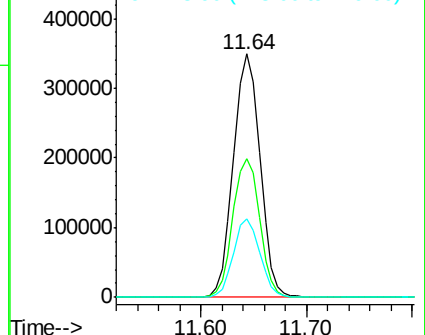
119 32.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066583.D

Acq: 09 Sep 2020 15:14

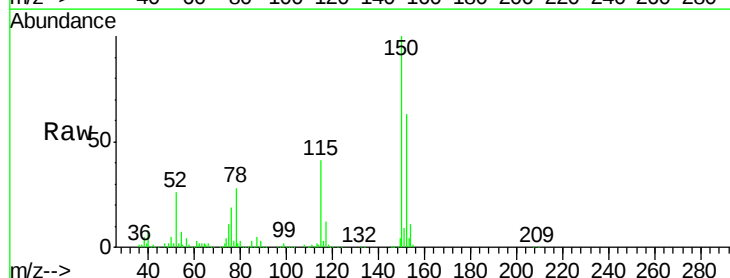
Tgt Ion:152 Resp: 259149

Ion Ratio Lower Upper

152 100

115 64.0 30.4 91.2

150 158.7 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

