

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066582.D
 Acq On : 09 Sep 2020 14:47
 Operator : VA/SY
 Sample : L3894-02
 Misc : 8.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AL-FALAH-1

Quant Time: Sep 10 02:03:40 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	386438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	693296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	633851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	283605	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	245759	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
35) Dibromofluoromethane	7.91	113	236983	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.34	98	834750	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.63	95	282205	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

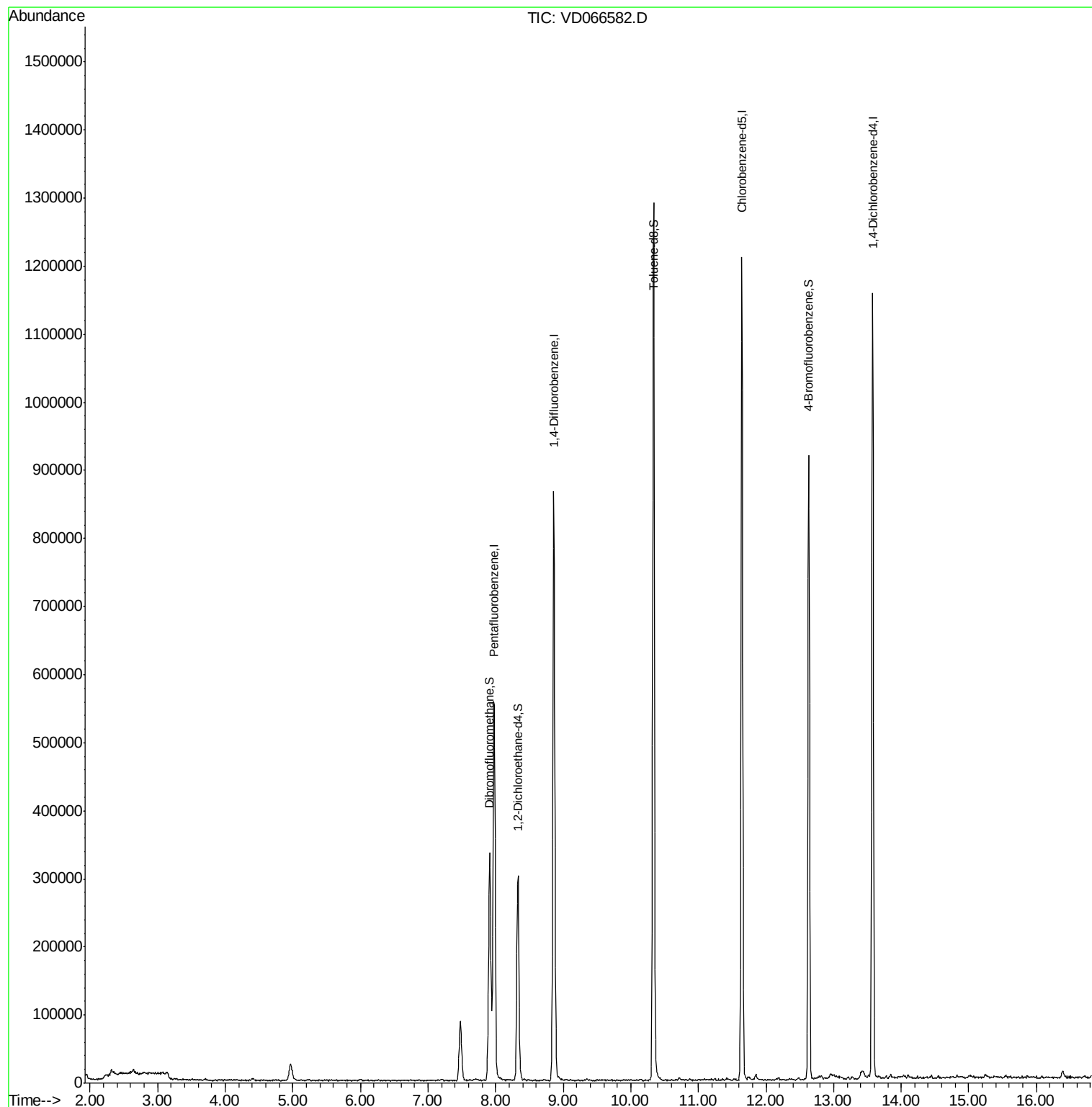
Target Compounds	Qvalue

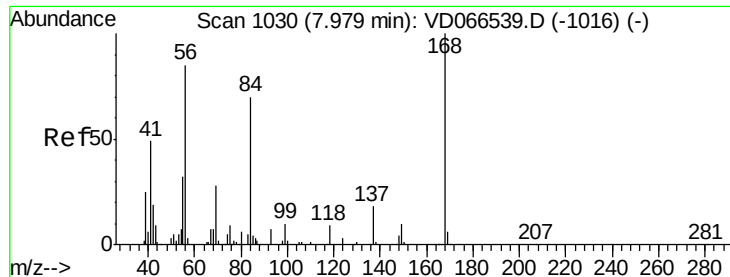
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066582.D

Acq: 09 Sep 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

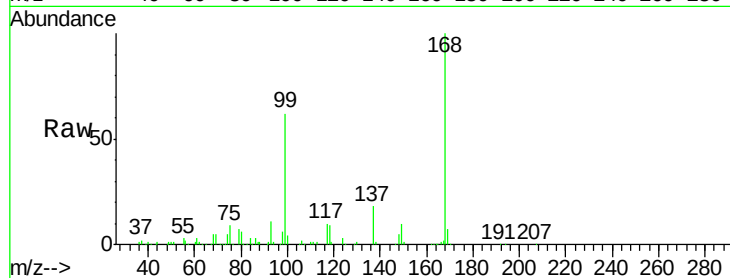
AL-FALAH-1

Tot Ion:168 Resp: 386438

Ion Ratio Lower Upper

168 100

99 61.6 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

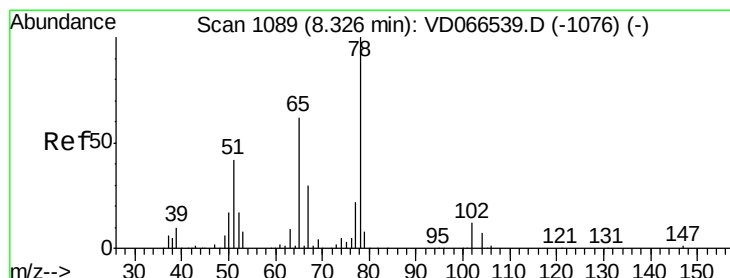
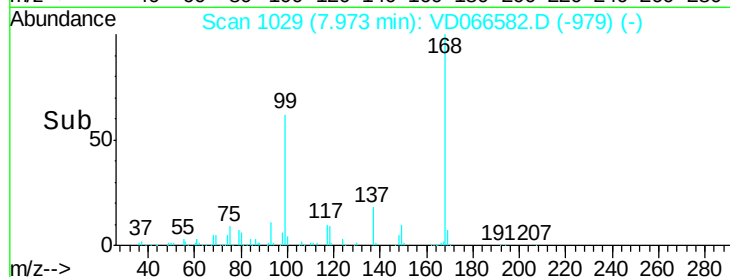
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.563 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066582.D

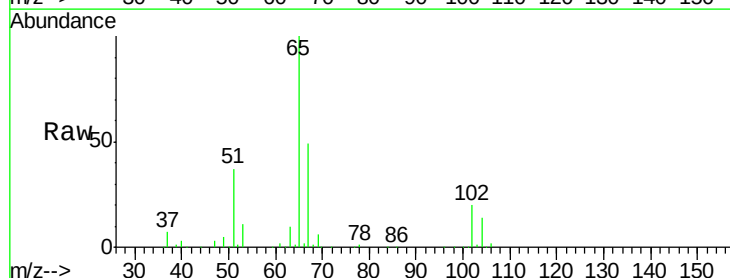
Acq: 09 Sep 2020 14:47

Tgt Ion: 65 Resp: 245759

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

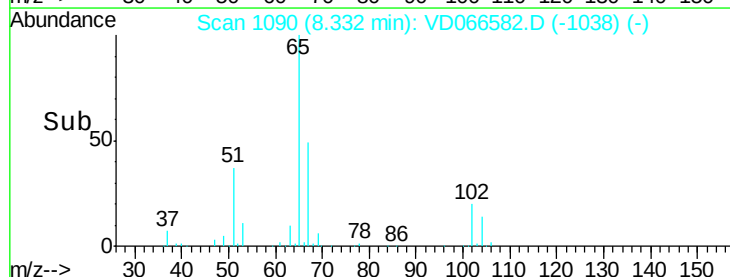
60000

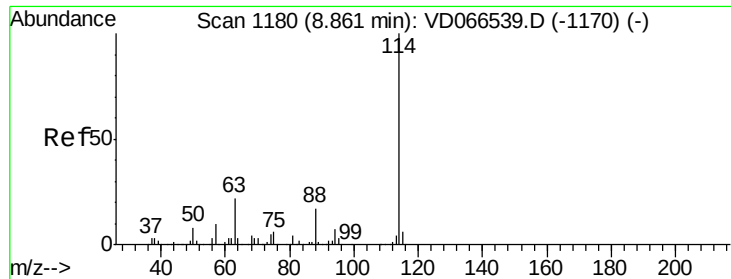
40000

20000

0

Time-->

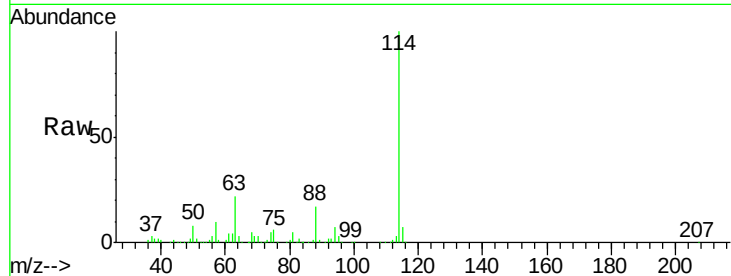




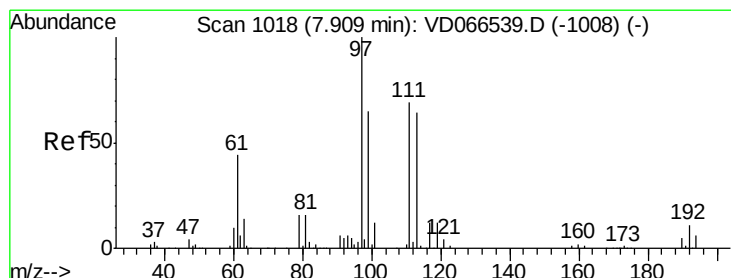
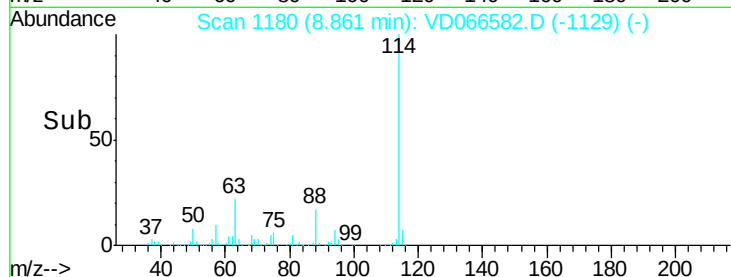
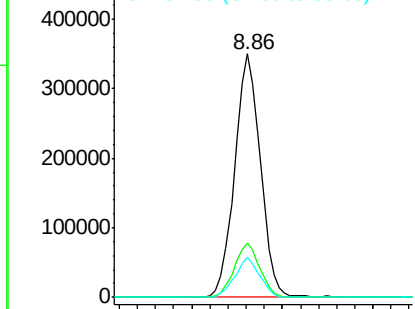
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066582.D
 Acq: 09 Sep 2020 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 AL-FALAH-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	16.6	0.0	33.2

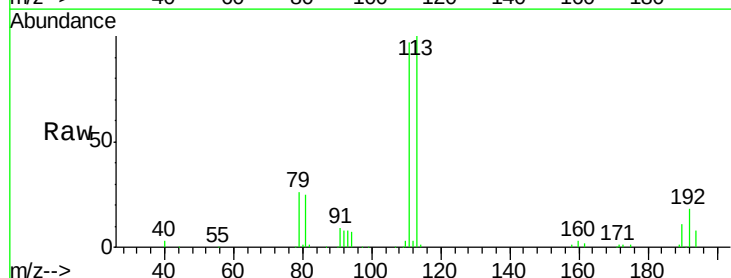


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

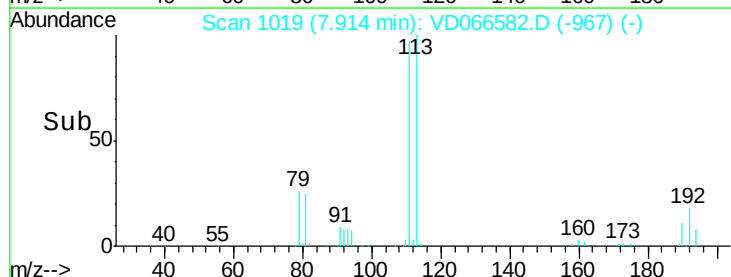
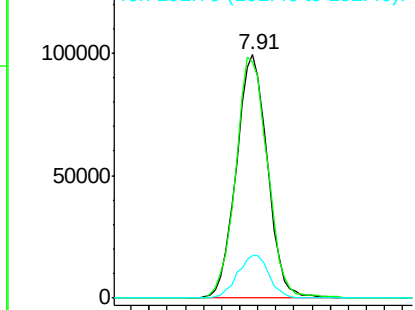


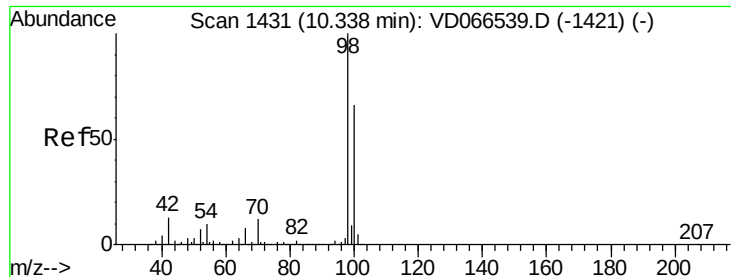
#35
 Dibromofluoromethane
 Concen: 50.669 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066582.D
 Acq: 09 Sep 2020 14:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.2	124.8
192	17.8	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: 49.936 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066582.D

Acq: 09 Sep 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

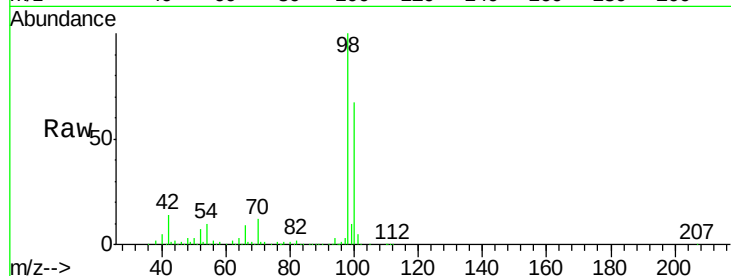
AL-FALAH-1

Tot Ion: 98 Resp: 834750

Ion Ratio Lower Upper

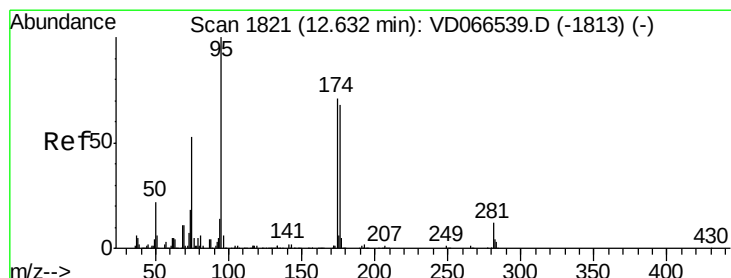
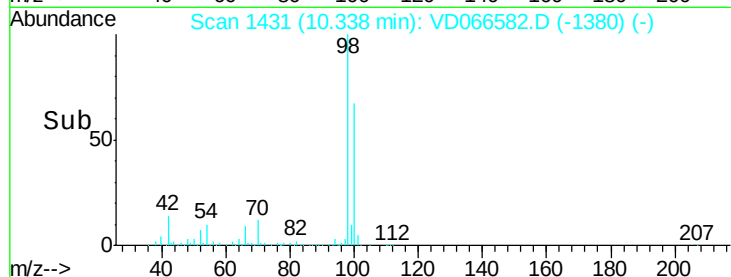
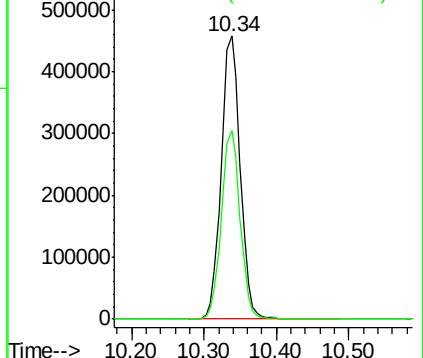
98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 50.912 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066582.D

Acq: 09 Sep 2020 14:47

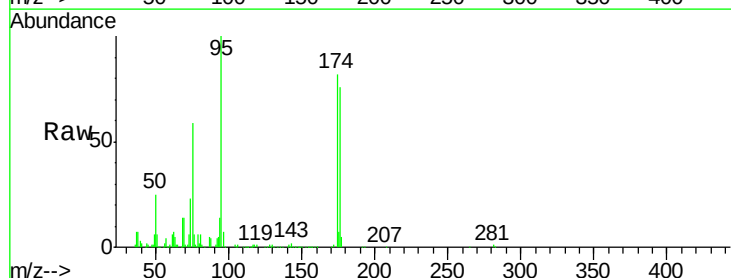
Tgt Ion: 95 Resp: 282205

Ion Ratio Lower Upper

95 100

174 76.5 0.0 155.8

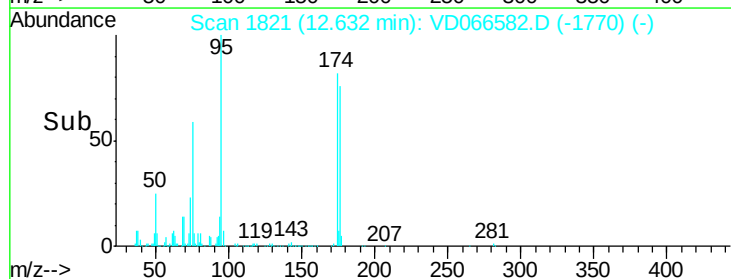
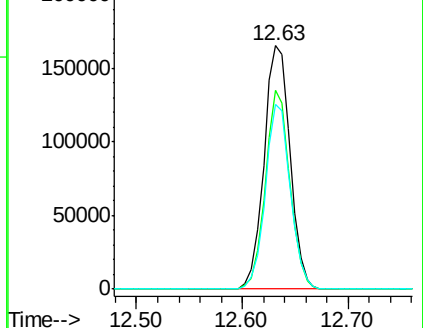
176 72.6 0.0 148.6

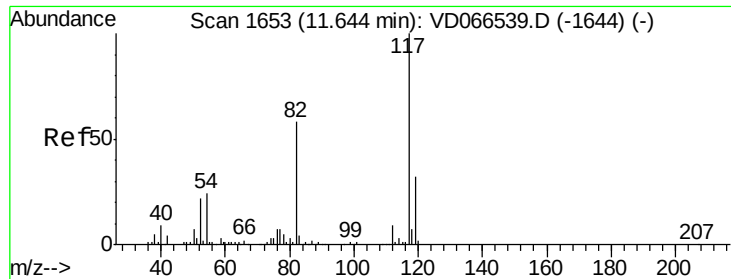


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

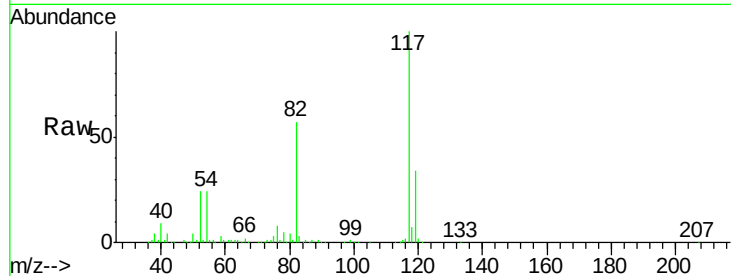




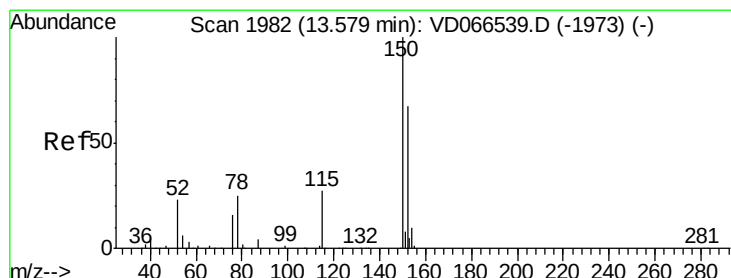
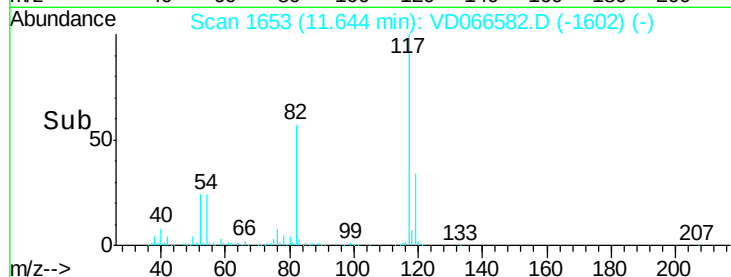
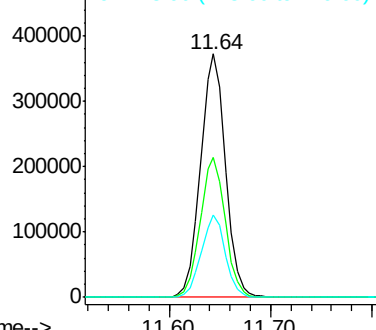
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066582.D
Acq: 09 Sep 2020 14:47

Instrument :
MSVOA_D
ClientSampleId :
AL-FALAH-1

Tot Ion:117 Resp: 633851
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.2
119 33.9 25.8 38.8

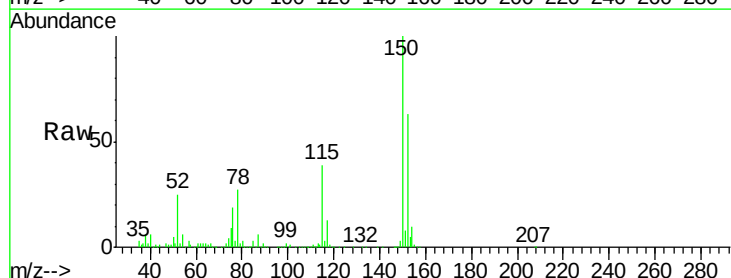


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066582.D
Acq: 09 Sep 2020 14:47

Tgt Ion:152 Resp: 283605
Ion Ratio Lower Upper
152 100
115 61.2 30.4 91.2
150 157.5 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

