

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066586.D
 Acq On : 09 Sep 2020 16:37
 Operator : VA/SY
 Sample : L3894-10
 Misc : 8.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AL-FALAH-5

Quant Time: Sep 10 02:10:34 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	368025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	704671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	656583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298848	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	255722	57.43	ug/l	0.00
Spiked Amount			Recovery	=	114.86%	
35) Dibromofluoromethane	7.91	113	246920	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	10.34	98	881505	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.63	95	290134	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	

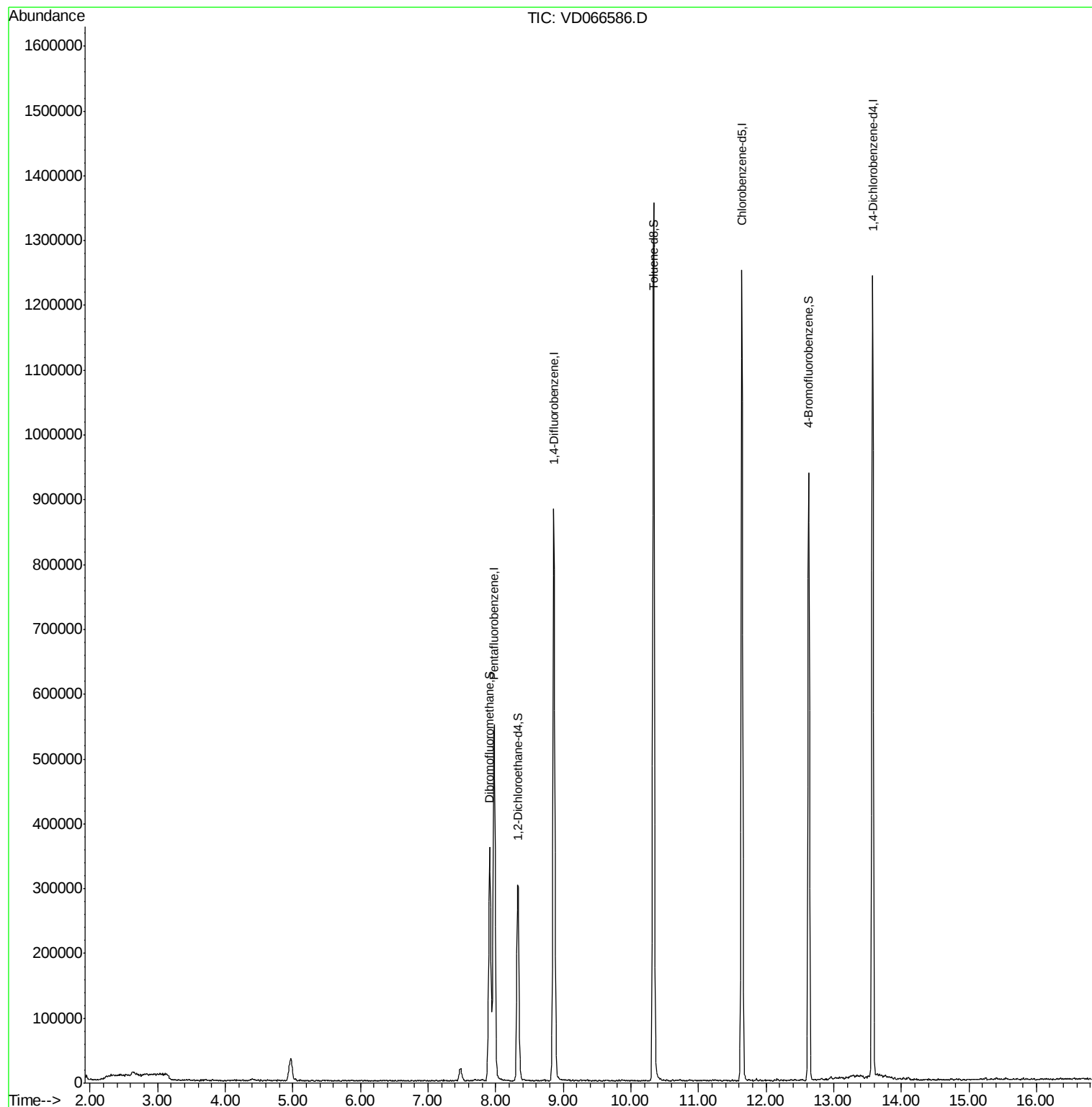
Target Compounds	Qvalue
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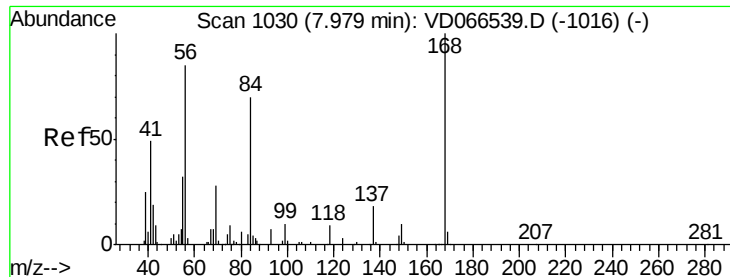
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066586.D

Acq: 09 Sep 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

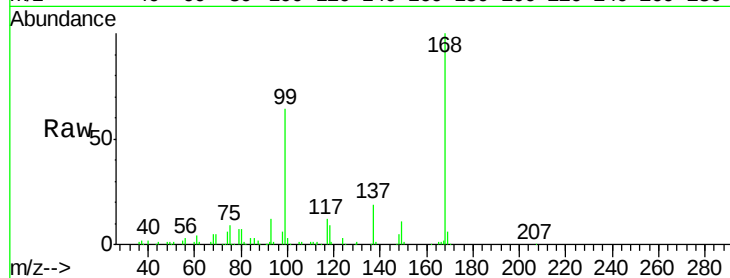
AL-FALAH-5

Tot Ion:168 Resp: 368025

Ion Ratio Lower Upper

168 100

99 64.0 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

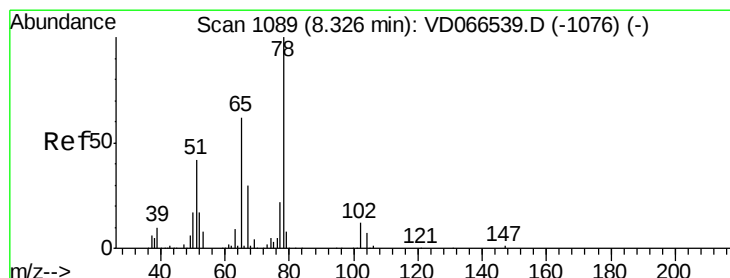
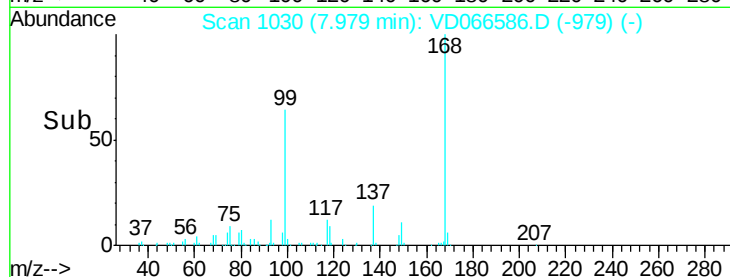
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.430 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066586.D

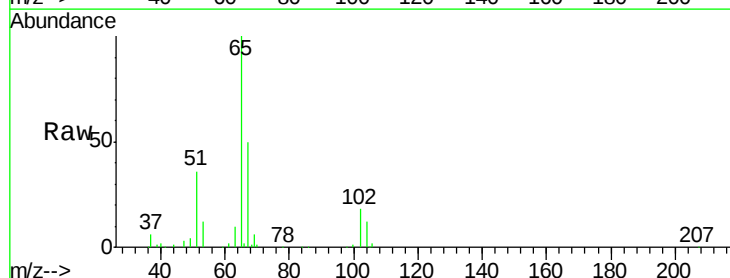
Acq: 09 Sep 2020 16:37

Tgt Ion: 65 Resp: 255722

Ion Ratio Lower Upper

65 100

67 48.6 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

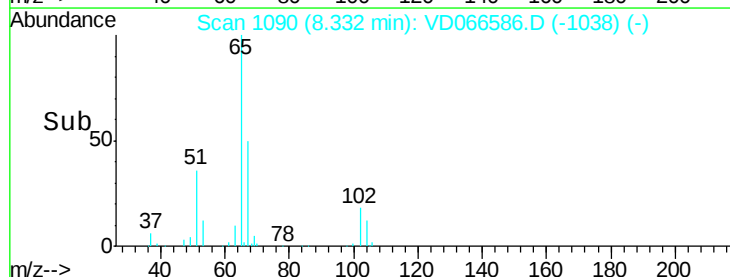
60000

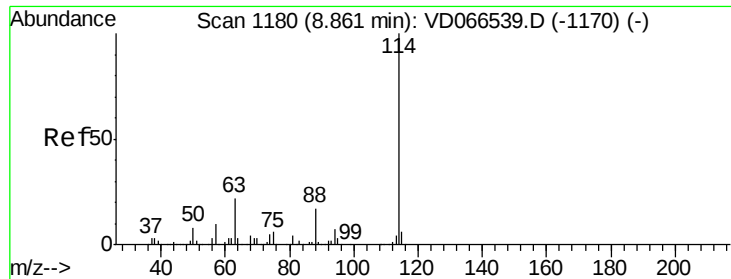
40000

20000

0

Time-->

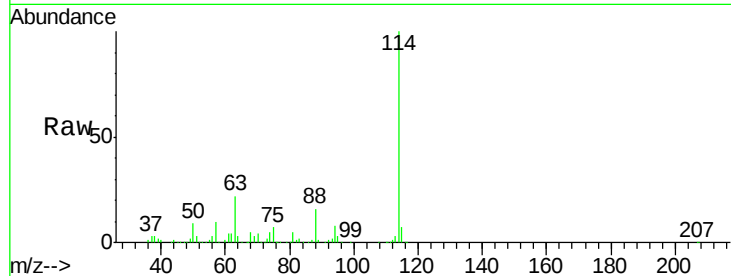




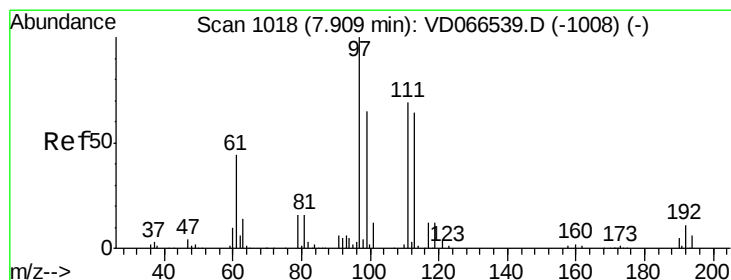
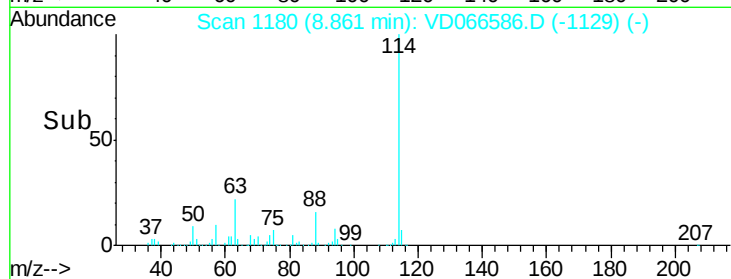
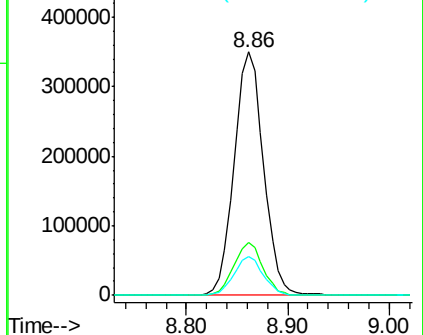
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066586.D
 Acq: 09 Sep 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 AL-FALAH-5

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.0	0.0	33.2

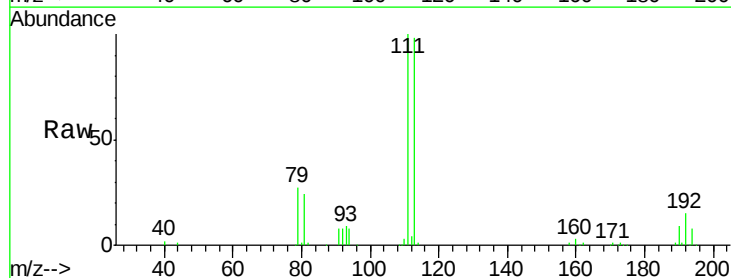


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

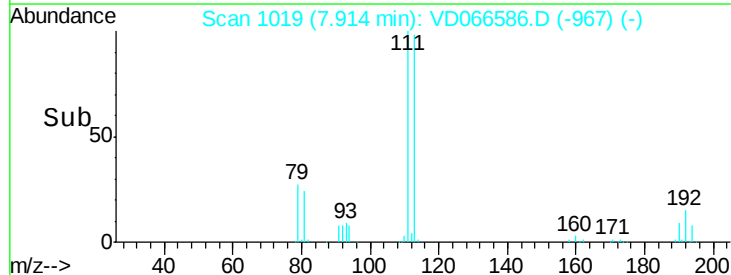
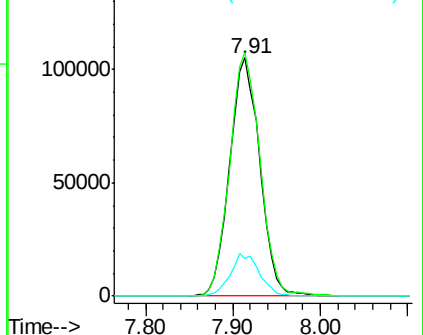


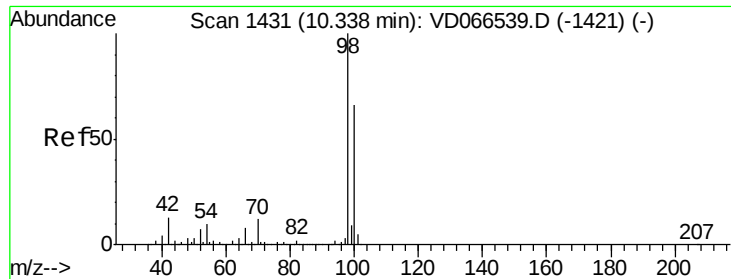
#35
 Dibromofluoromethane
 Concen: 51.942 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066586.D
 Acq: 09 Sep 2020 16:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.2	124.8
192	17.1	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: 51.882 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066586.D

Acq: 09 Sep 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

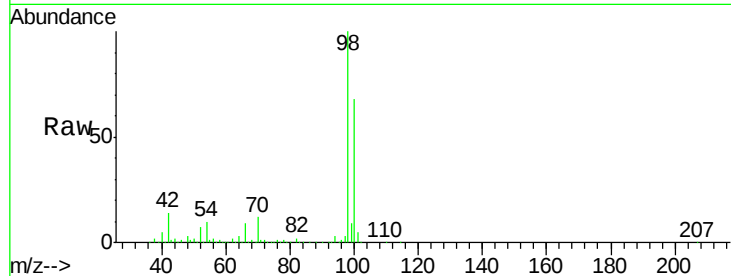
AL-FALAH-5

Tot Ion: 98 Resp: 881505

Ion Ratio Lower Upper

98 100

100 64.7 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

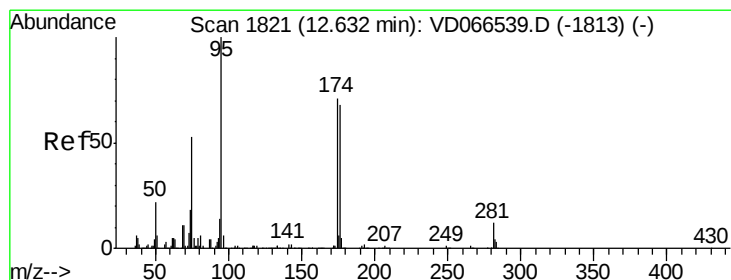
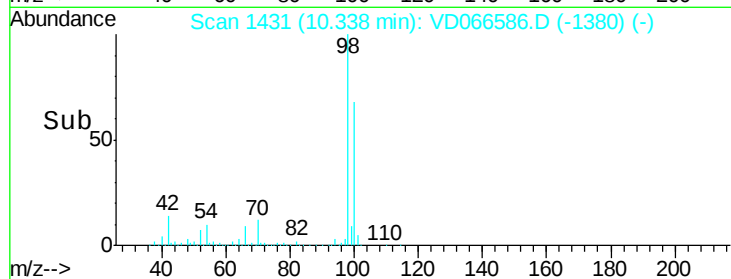
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.498 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066586.D

Acq: 09 Sep 2020 16:37

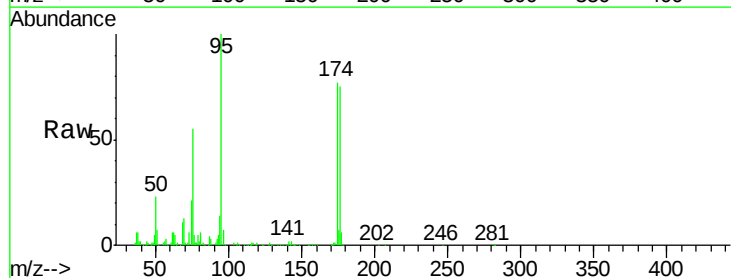
Tgt Ion: 95 Resp: 290134

Ion Ratio Lower Upper

95 100

174 77.3 0.0 155.8

176 73.0 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

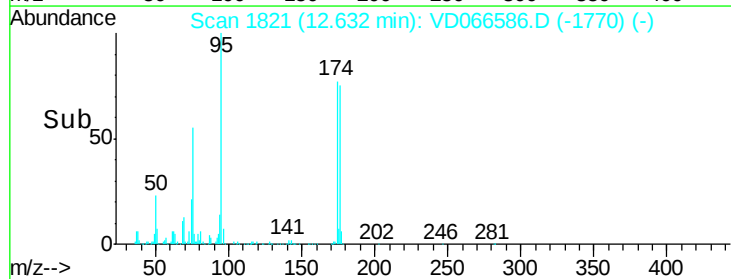
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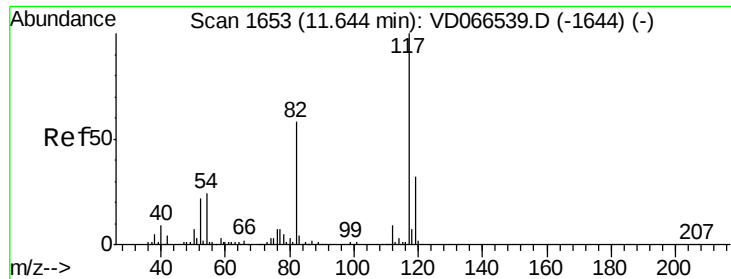
100000

50000

0

Time--> 12.60 12.70

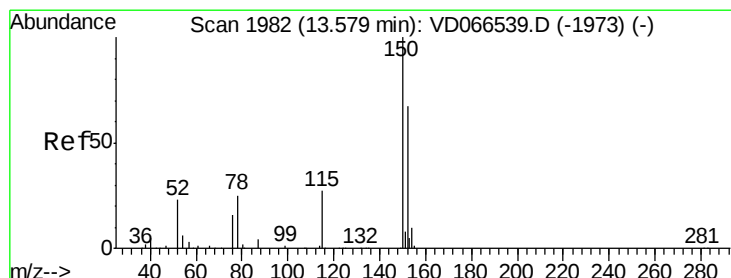
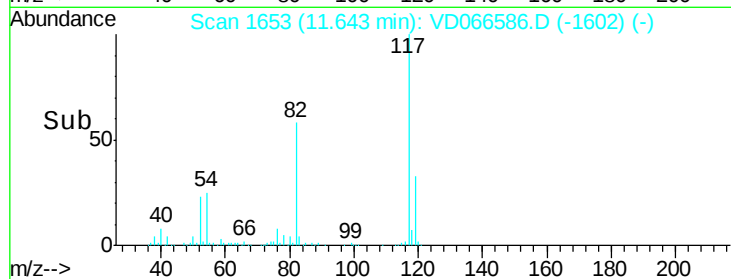
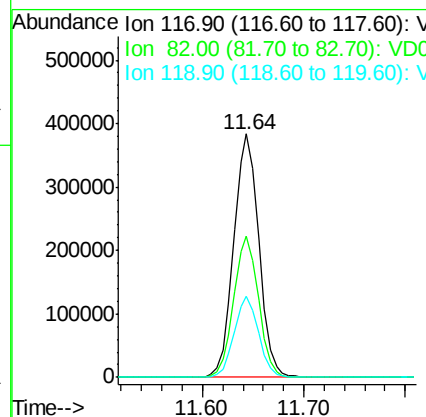
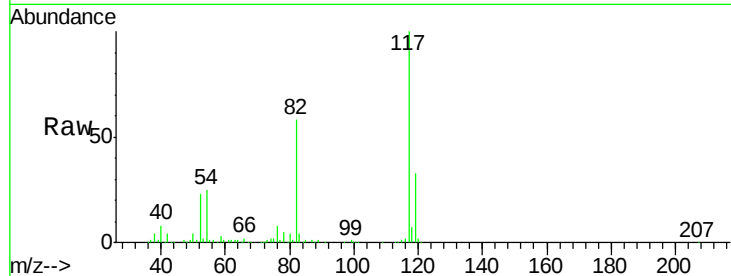




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066586.D
Acq: 09 Sep 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
AL-FALAH-5

Tot Ion:117 Resp: 656583
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.2
119 33.1 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: VD066586.D
Acq: 09 Sep 2020 16:37

Tgt Ion:152 Resp: 298848
Ion Ratio Lower Upper
152 100
115 63.1 30.4 91.2
150 156.0 0.0 345.8

