

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066585.D
 Acq On : 09 Sep 2020 16:09
 Operator : VA/SY
 Sample : L3894-08
 Misc : 7.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AL-FALAH-4

Quant Time: Sep 10 02:08:40 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	7.98	168	350765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	672025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	616532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	265497	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	246256	58.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.06%	
35) Dibromofluoromethane	7.91	113	229106	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.34	98	817977	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.63	95	268187	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

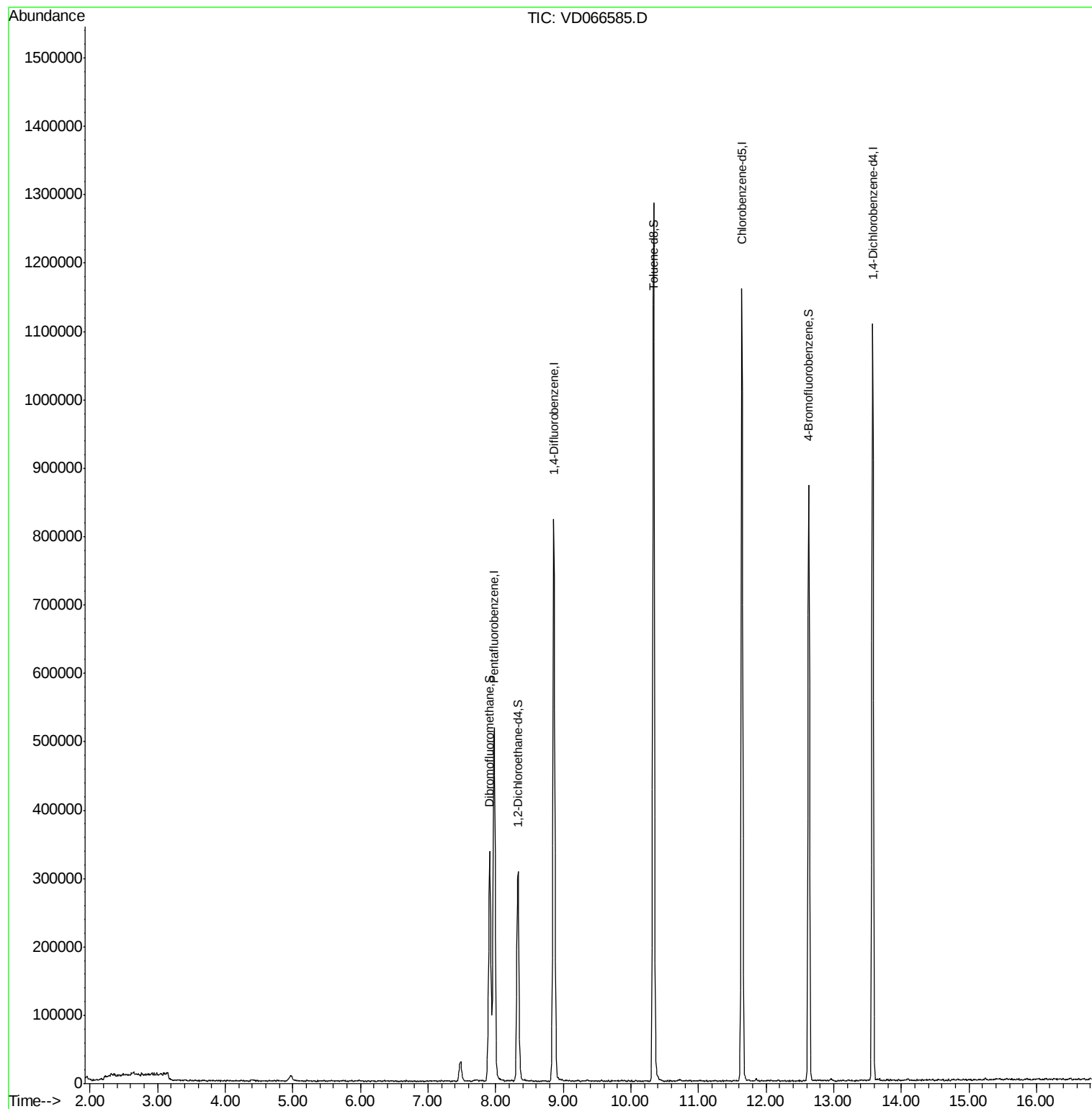
Target Compounds	Qvalue

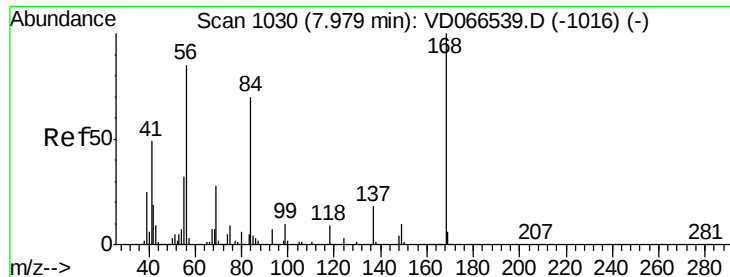
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066585.D

Acq: 09 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

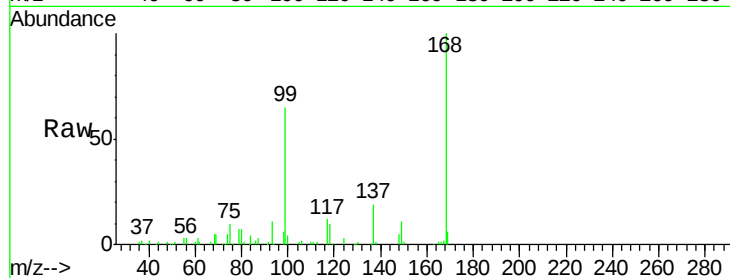
AL-FALAH-4

Tot Ion:168 Resp: 350765

Ion Ratio Lower Upper

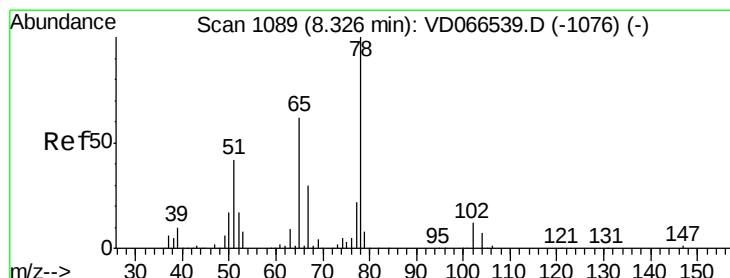
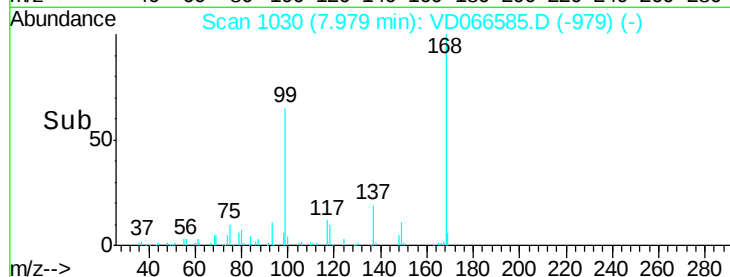
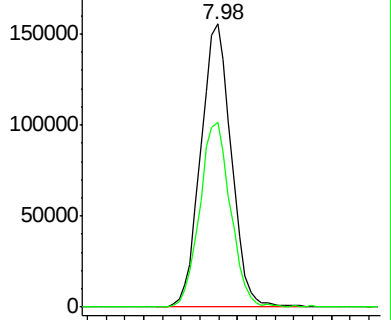
168 100

99 65.3 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 58.026 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066585.D

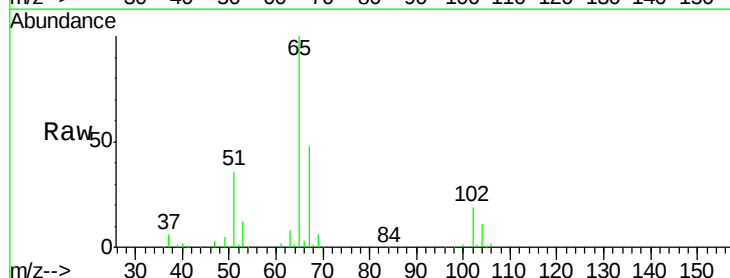
Acq: 09 Sep 2020 16:09

Tgt Ion: 65 Resp: 246256

Ion Ratio Lower Upper

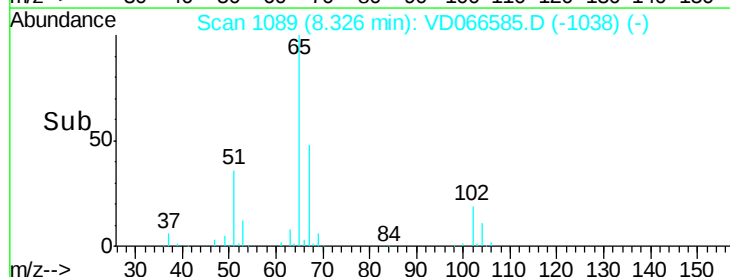
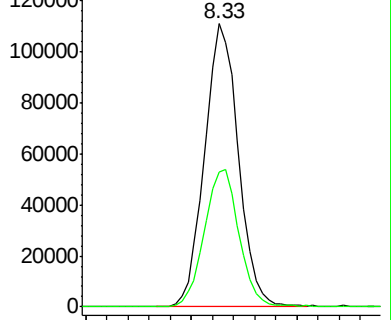
65 100

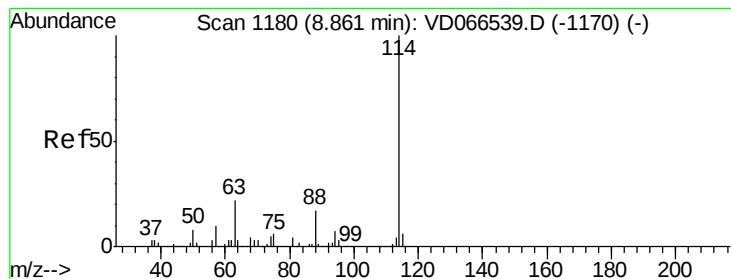
67 49.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066585.D

Acq: 09 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

AL-FALAH-4

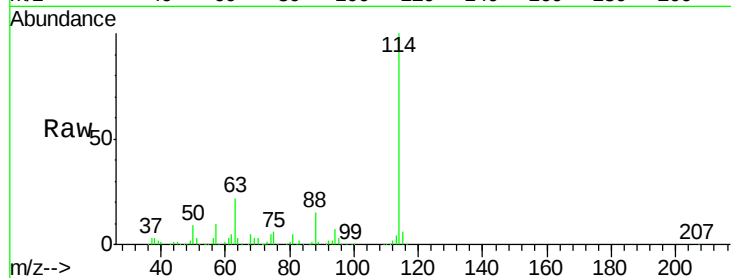
Tot Ion:114 Resp: 672025

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

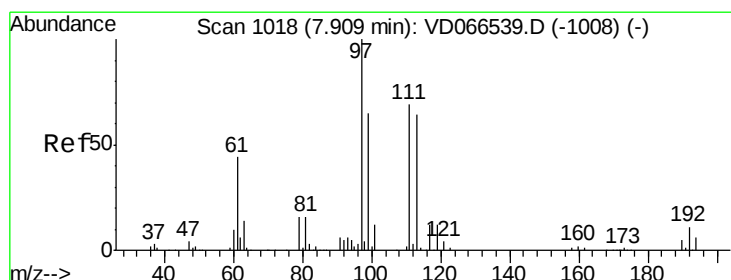
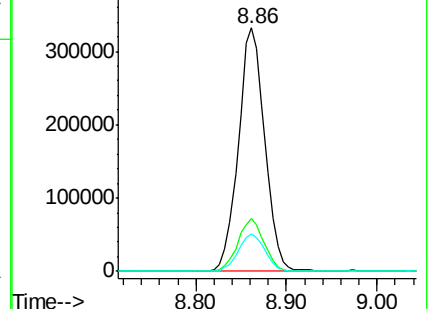
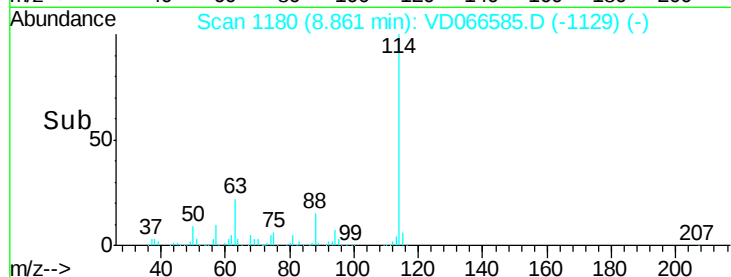
88 15.2 0.0 33.2



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: 50.536 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066585.D

Acq: 09 Sep 2020 16:09

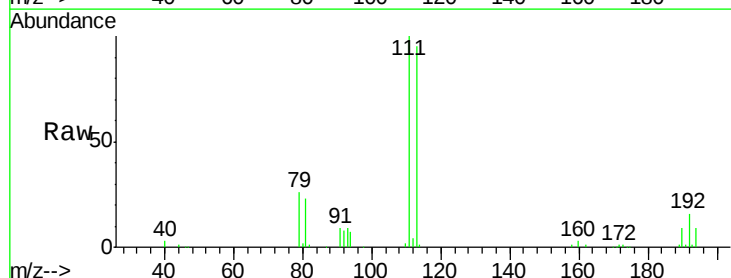
Tgt Ion:113 Resp: 229106

Ion Ratio Lower Upper

113 100

111 105.0 83.2 124.8

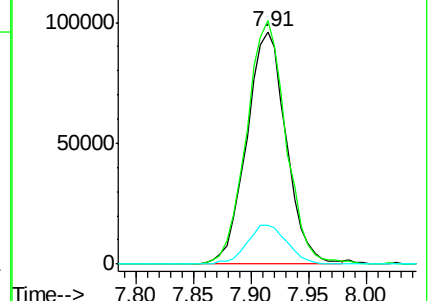
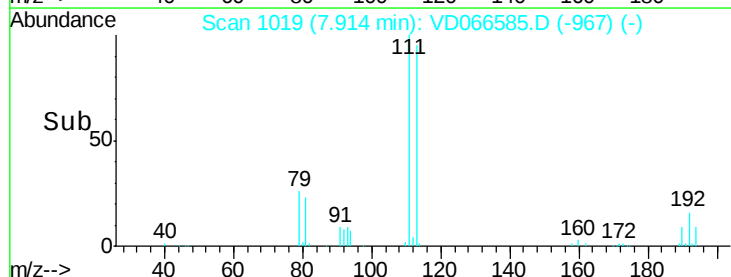
192 17.0 13.7 20.5

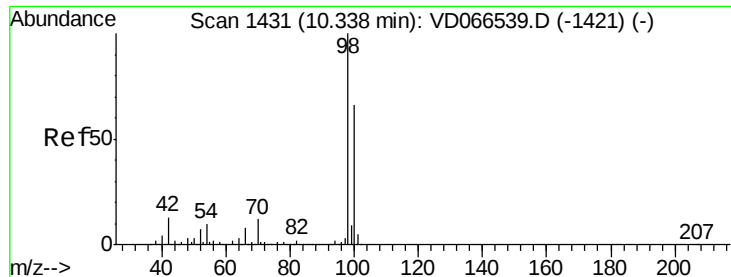


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.481 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066585.D

Acq: 09 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

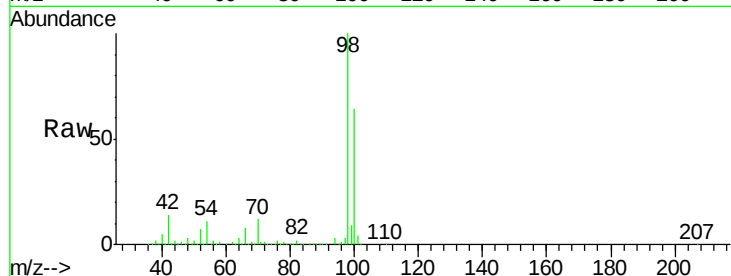
AL-FALAH-4

Tot Ion: 98 Resp: 817977

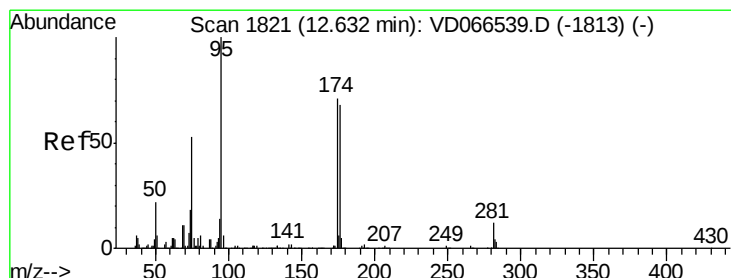
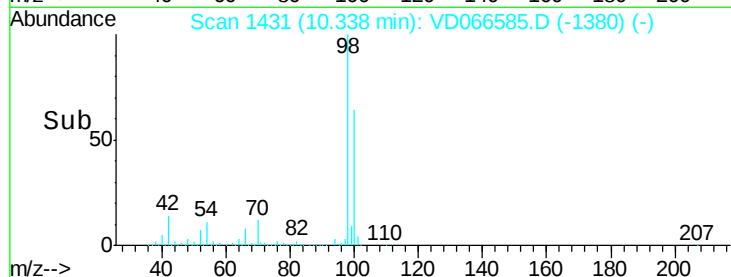
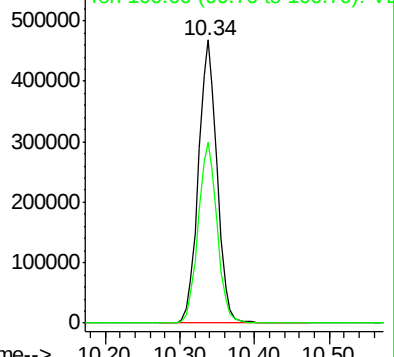
Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD066539.D (-1421) (-)



#62

4-Bromofluorobenzene

Concen: 49.915 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066585.D

Acq: 09 Sep 2020 16:09

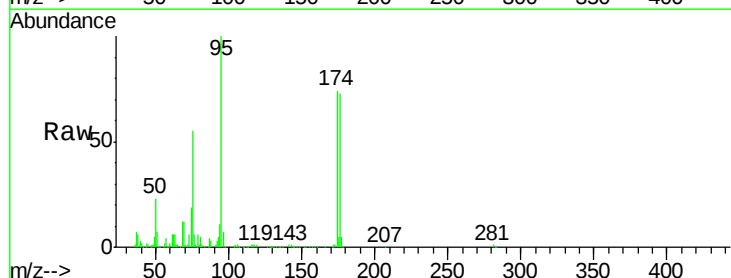
Tgt Ion: 95 Resp: 268187

Ion Ratio Lower Upper

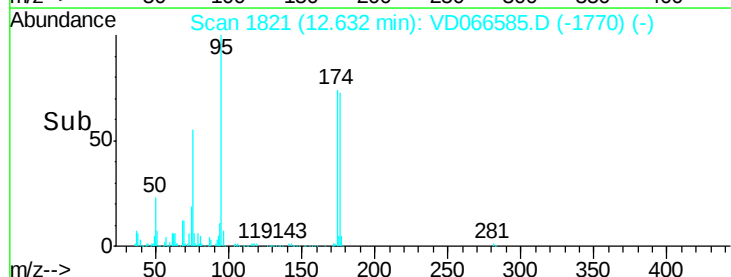
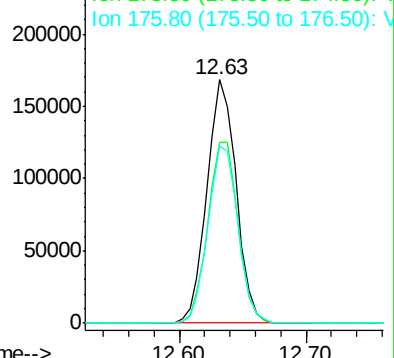
95 100

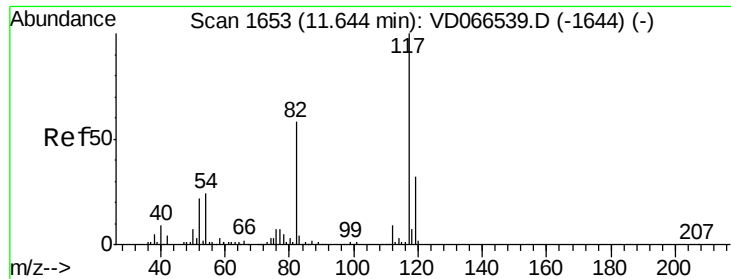
174 77.1 0.0 155.8

176 74.6 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VD066539.D (-1813) (-)

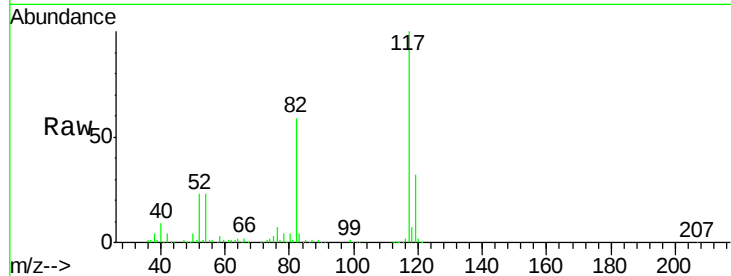




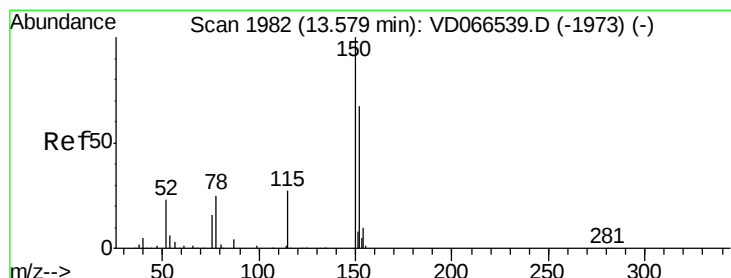
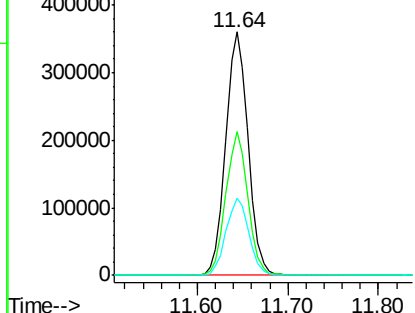
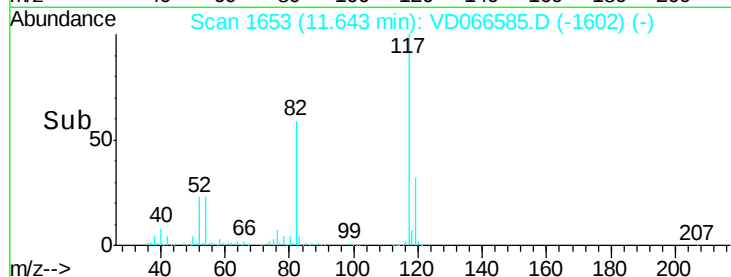
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066585.D
Acq: 09 Sep 2020 16:09

Instrument :
MSVOA_D
ClientSampleId :
AL-FALAH-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.2	69.2
119	31.5	25.8	38.8

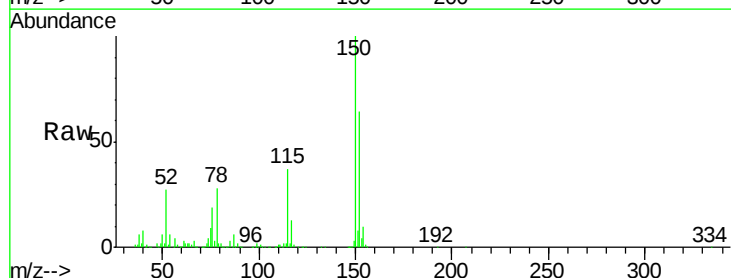


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066585.D
Acq: 09 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.4	91.2
150	158.3	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

