

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039428.D
 Acq On : 5 Jul 2022 20:55
 Operator : SY/AP
 Sample : N3560-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 06 02:38:37 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 6

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.677	49	1206597	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.182	114	3356539	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.092	117	2906202	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2169725	10.064	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						
					Qvalue	
13) Ethanol	3.623	45	7304m	1.821	ppbv	
15) Acetone	3.870	43	70773m	0.496	ppbv	
20) Methylene Chloride	4.356	84	161448	2.838	ppbv	94
26) Hexane	5.697	57	99332	0.842	ppbv #	40

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

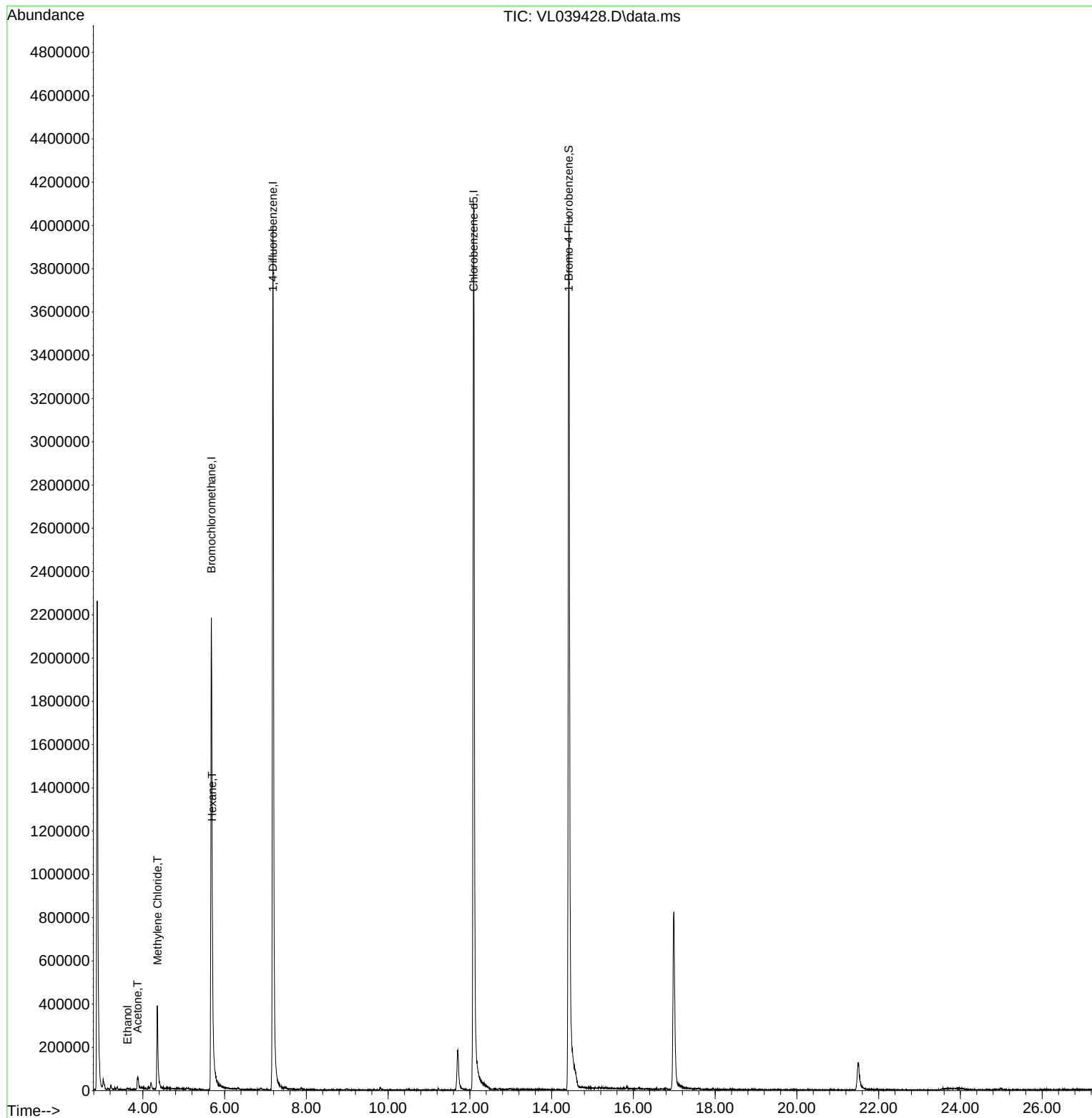
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
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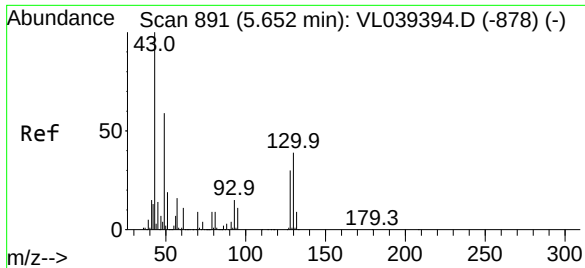
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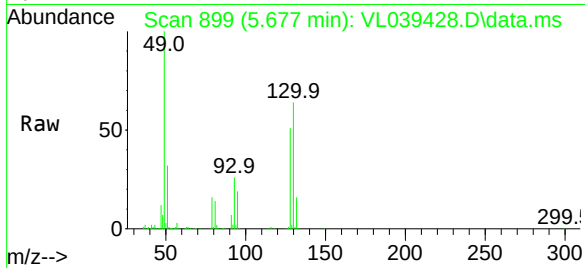
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 891
Delta R.T. 0.026 min
Lab File: VL039428.D
Acq: 5 Jul 2022 20:55

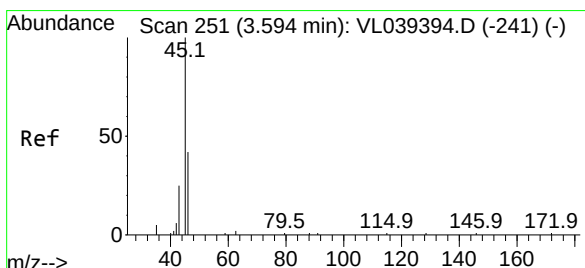
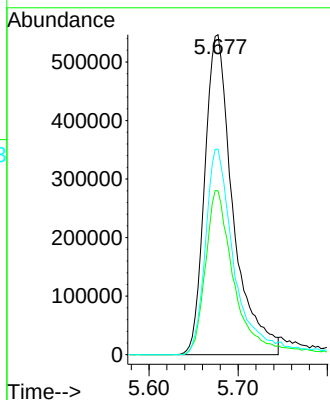
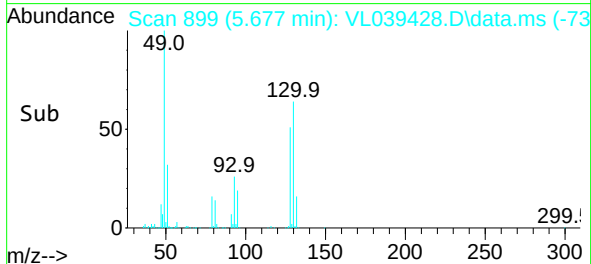
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 120659
Ion Ratio Lower Upper
49 100
128 54.0 26.7 80.0
130 68.0 34.3 102.8

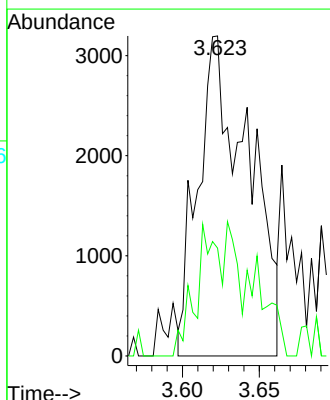
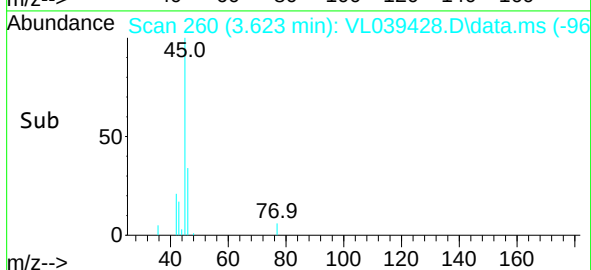
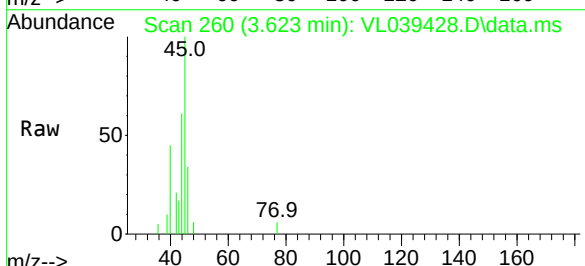
Manual Integrations
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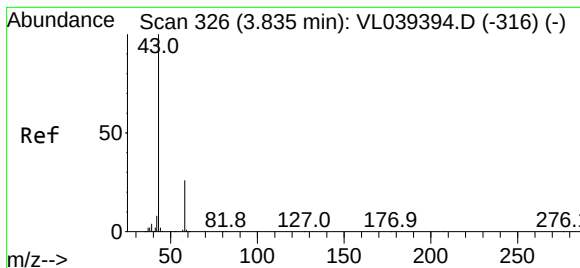
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#13
Ethanol
Concen: 1.821 ppbv m
RT: 3.623 min Scan# 260
Delta R.T. 0.029 min
Lab File: VL039428.D
Acq: 5 Jul 2022 20:55

Tgt Ion: 45 Resp: 7304
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#





#15

Acetone

Concen: 0.496 ppbv

RT: 3.870 min Scan# 31

Delta R.T. 0.035 min

Lab File: VL039428.D

Acq: 5 Jul 2022 20:55

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion: 43 Resp: 7077

Ion Ratio Lower Upper

43 100

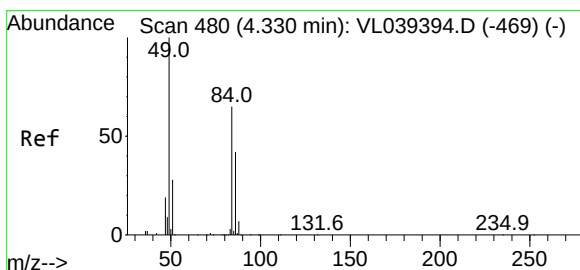
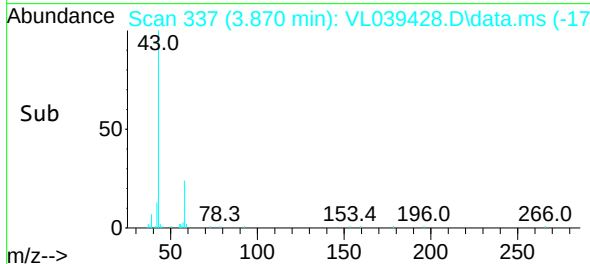
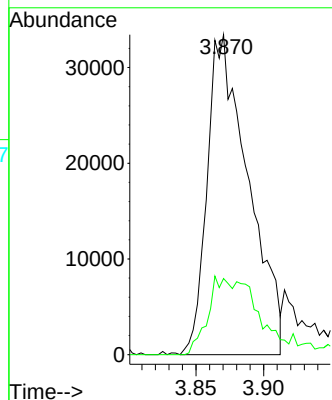
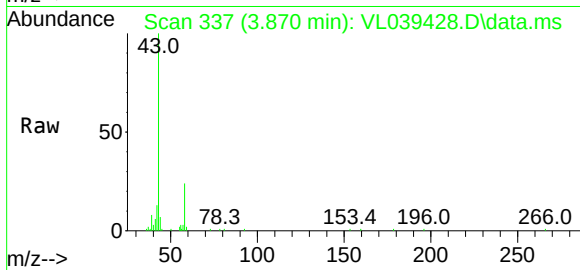
58 32.5 21.0 31.6

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#20

Methylene Chloride

Concen: 2.838 ppbv

RT: 4.356 min Scan# 488

Delta R.T. 0.026 min

Lab File: VL039428.D

Acq: 5 Jul 2022 20:55

Tgt Ion: 84 Resp: 161448

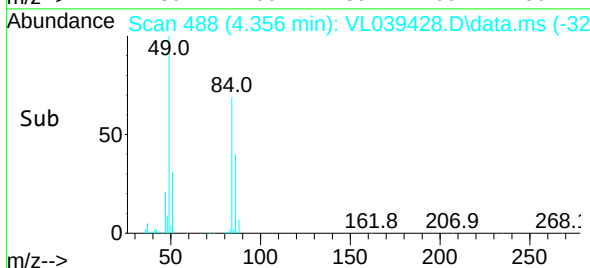
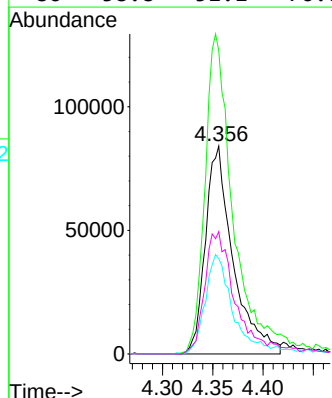
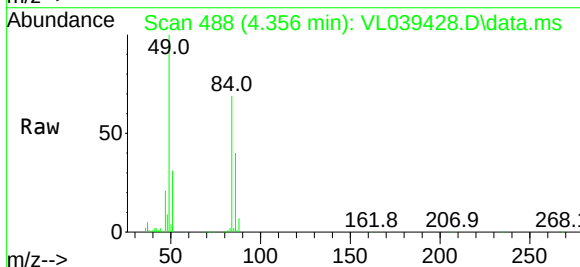
Ion Ratio Lower Upper

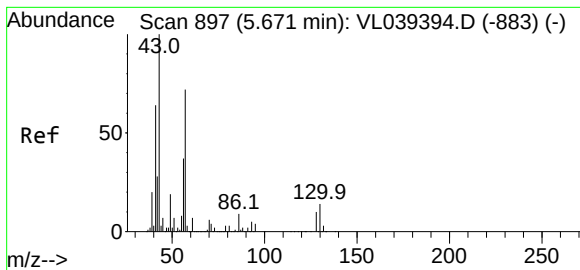
84 100

49 145.5 123.1 184.7

51 45.6 34.4 51.6

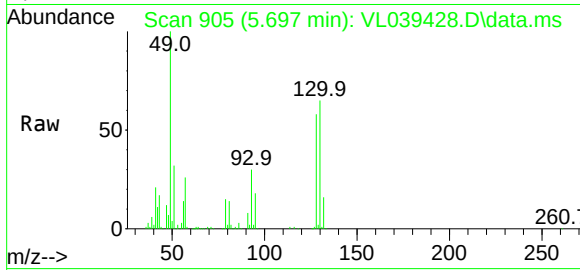
86 58.8 51.1 76.7





#26
Hexane
Concen: 0.842 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.026 min
Lab File: VL039428.D
Acq: 5 Jul 2022 20:55

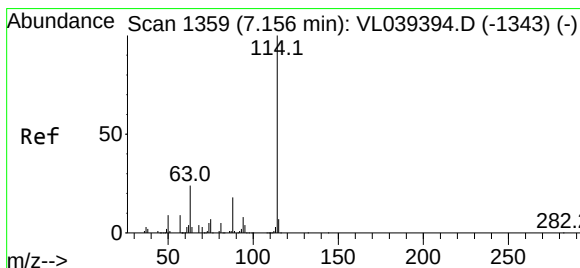
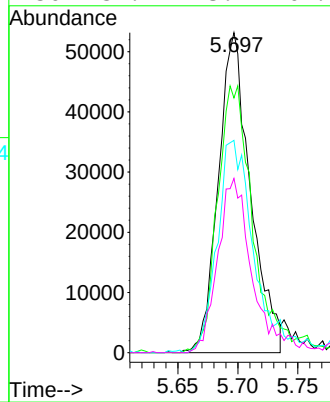
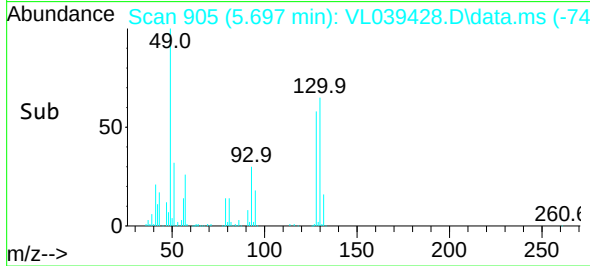
Instrument :
MSVOA_L
Client Sample Id :
IA1DL



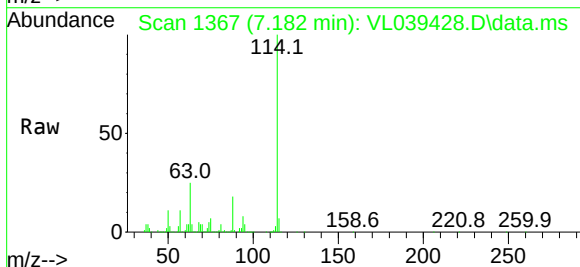
Tgt Ion: 57 Resp: 9933
Ion Ratio Lower Upper
57 100
41 93.4 76.9 115.3
43 78.3 191.0 286.6
56 59.4 43.2 64.8

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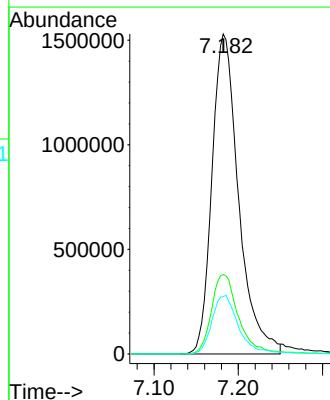
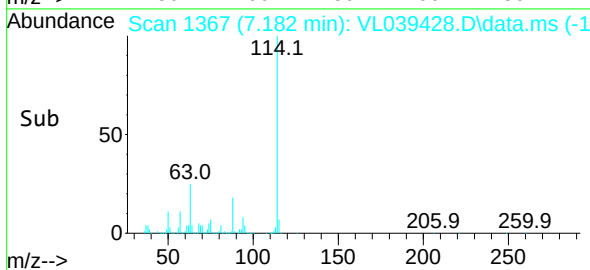
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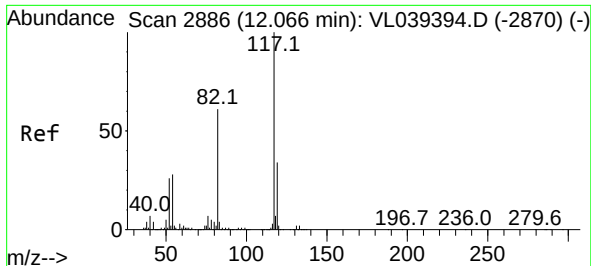


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.026 min
Lab File: VL039428.D
Acq: 5 Jul 2022 20:55



Tgt Ion:114 Resp: 3356539
Ion Ratio Lower Upper
114 100
63 25.7 20.2 30.4
88 18.7 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.092 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL039428.D

Acq: 5 Jul 2022 20:55

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion:117 Resp: 290620

Ion Ratio Lower Upper

117 100

82 67.0 50.8 76.2

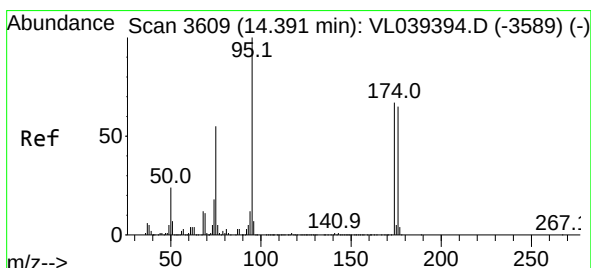
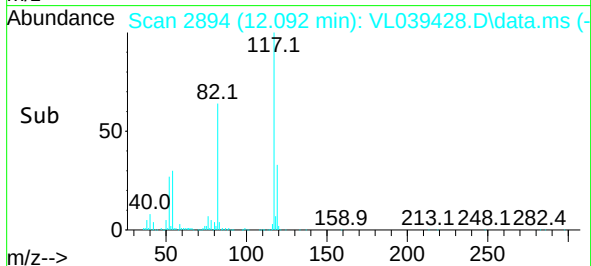
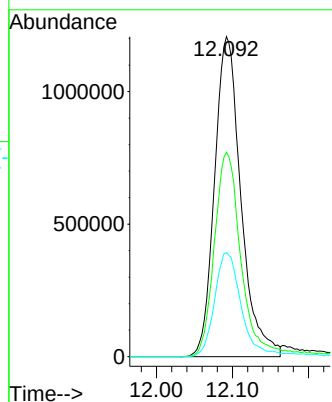
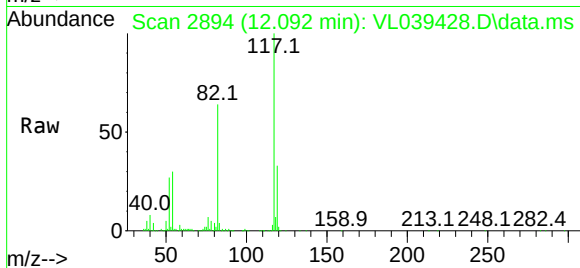
119 34.4 24.1 36.1

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.064 ppbv

RT: 14.420 min Scan# 3618

Delta R.T. 0.029 min

Lab File: VL039428.D

Acq: 5 Jul 2022 20:55

Tgt Ion: 95 Resp: 2169725

Ion Ratio Lower Upper

95 100

174 71.6 55.9 83.9

175 5.1 4.2 6.4

