

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037996.D
 Acq On : 10 Nov 2021 2:01
 Operator : SY/AP
 Sample : M4555-07DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0U21DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 04:51:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 09 04:51:26 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1267438	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	3921681	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	3316402	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2237360	9.281	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.800%
Target Compounds						
						Qvalue
13) Ethanol	3.633	45	34309m	4.020	ppbv	
15) Acetone	3.880	43	50842m	0.485	ppbv	
20) Methylene Chloride	4.353	84	49447m	0.860	ppbv	
26) Hexane	5.690	57	24120m	0.164	ppbv	

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

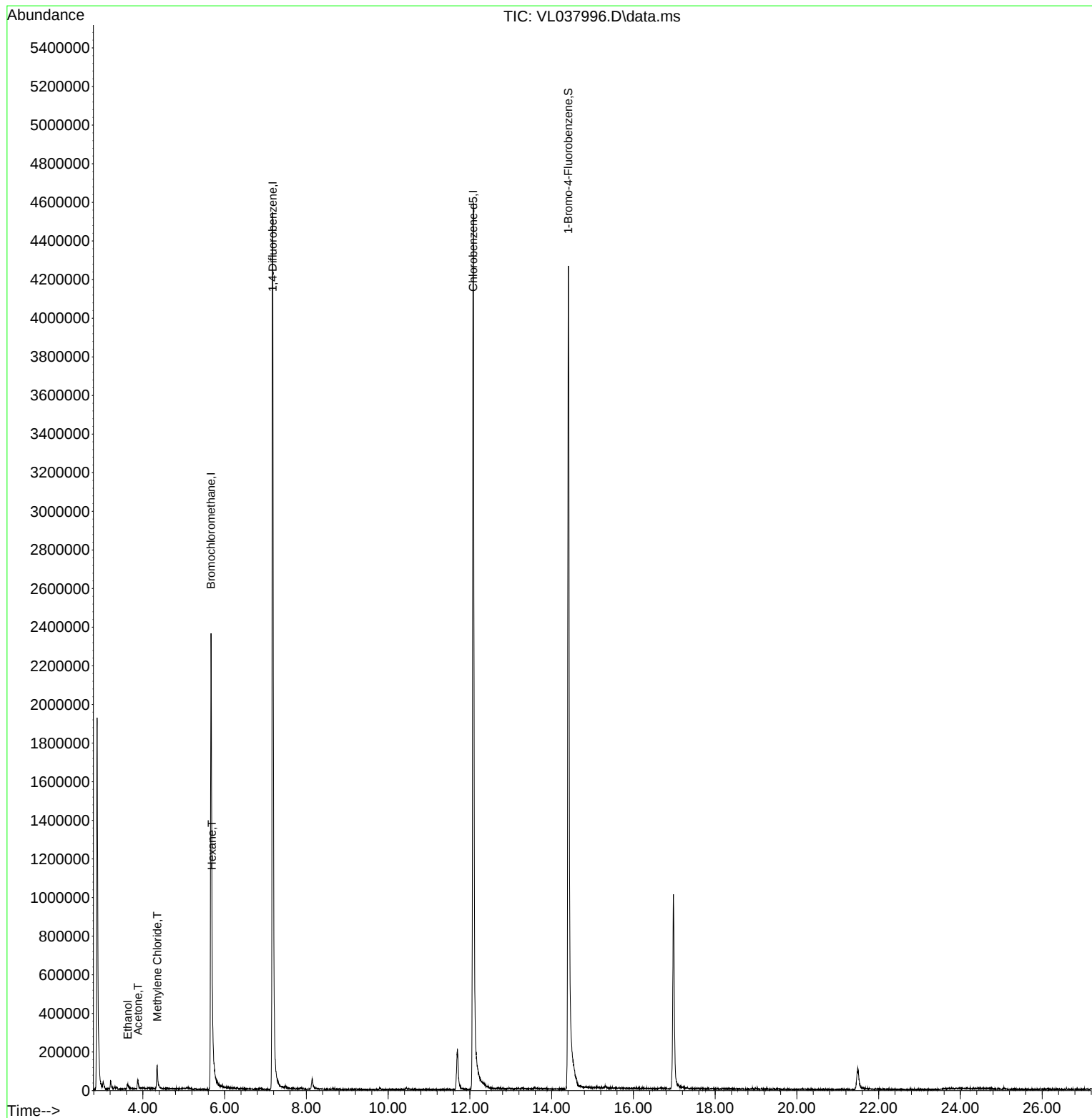
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
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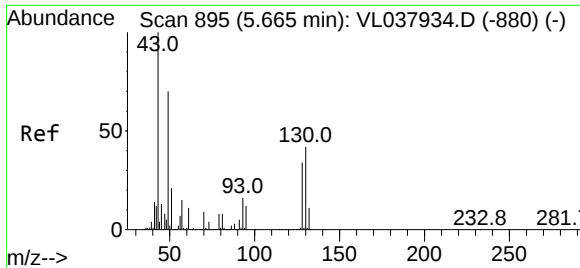
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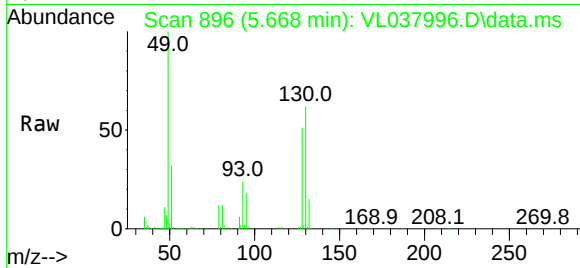
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL037996.D
Acq: 10 Nov 2021 2:01

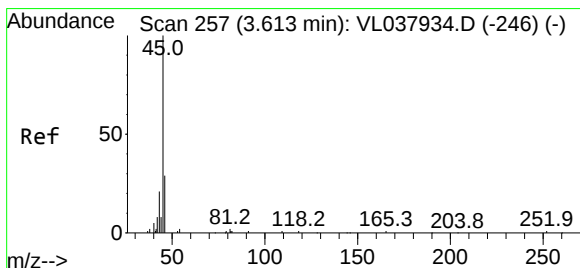
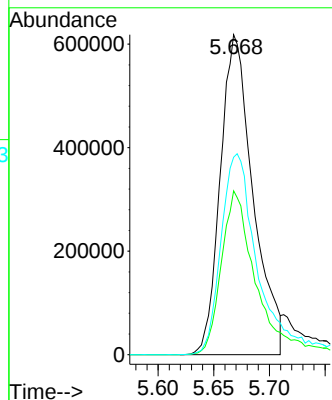
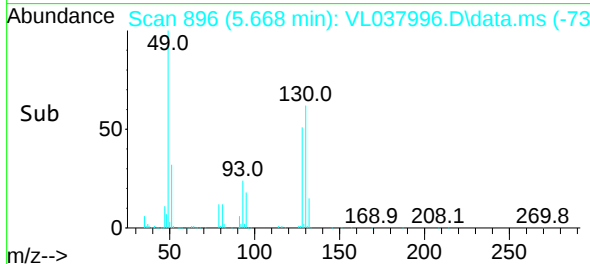
Instrument :
MSVOA_L
ClientSampleId :
C0U21DL



Tgt Ion: 49 Resp: 1267438
Ion Ratio Lower Upper
49 100
128 57.7 27.0 81.0
130 74.8 33.4 100.2

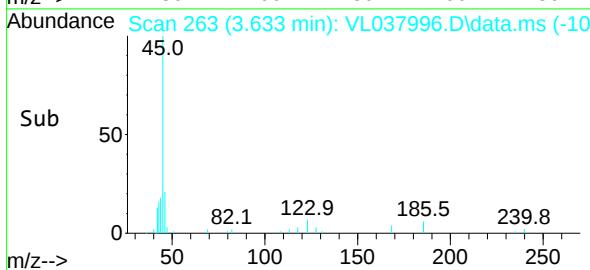
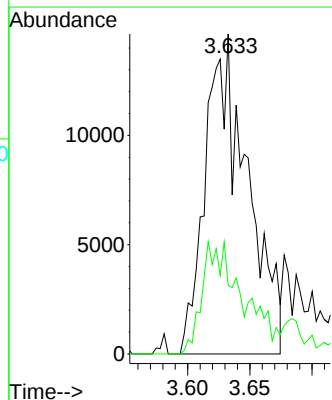
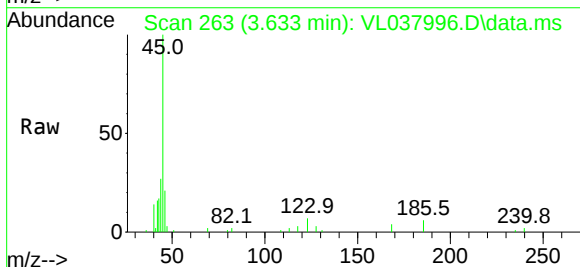
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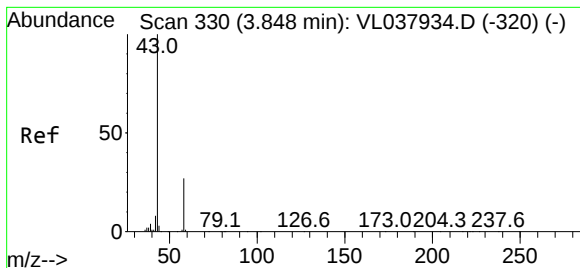
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#13
Ethanol
Concen: 4.020 ppbv m
RT: 3.633 min Scan# 263
Delta R.T. 0.019 min
Lab File: VL037996.D
Acq: 10 Nov 2021 2:01

Tgt Ion: 45 Resp: 34309
Ion Ratio Lower Upper
45 100
46 39.2 17.4 69.8





#15

Acetone

Concen: 0.485 ppbv m

RT: 3.880 min Scan# 34

Delta R.T. 0.032 min

Lab File: VL037996.D

Acq: 10 Nov 2021 2:01

Instrument :

MSVOA_L

ClientSampleId :

COU21DL

Tgt Ion: 43 Resp: 5084

Ion Ratio Lower Upper

43 100

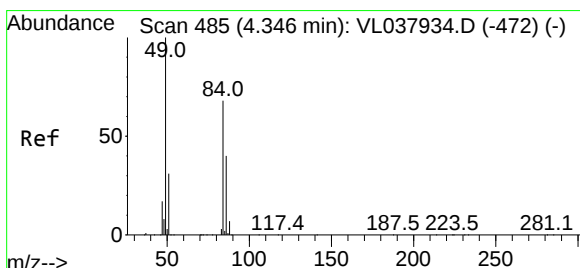
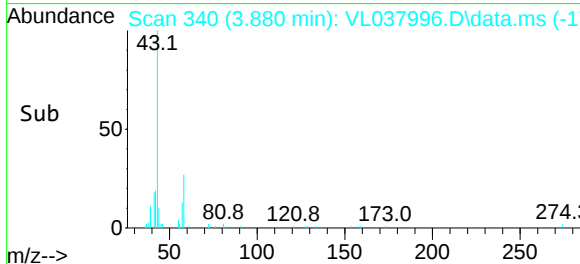
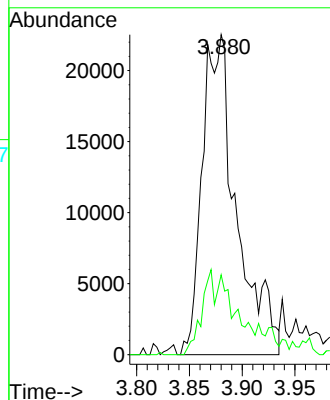
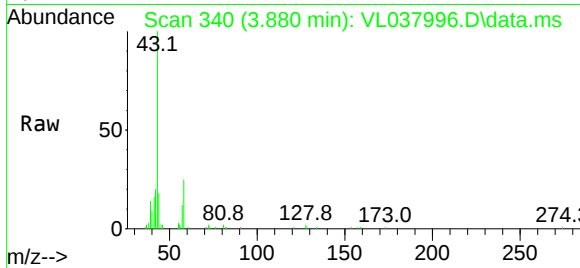
58 0.0 23.3 34.9

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#20

Methylene Chloride

Concen: 0.860 ppbv m

RT: 4.353 min Scan# 487

Delta R.T. 0.006 min

Lab File: VL037996.D

Acq: 10 Nov 2021 2:01

Tgt Ion: 84 Resp: 49447

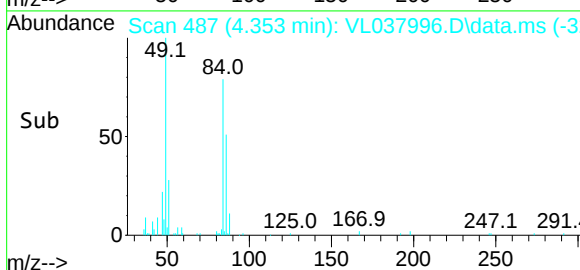
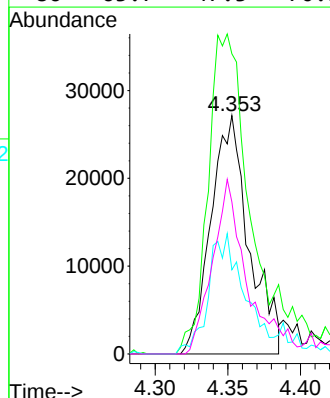
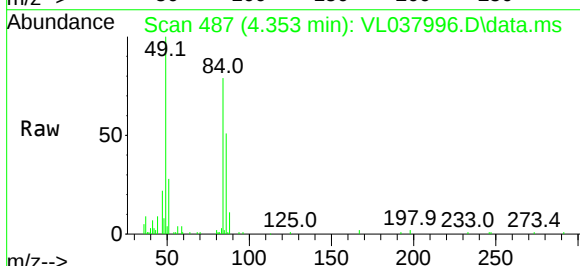
Ion Ratio Lower Upper

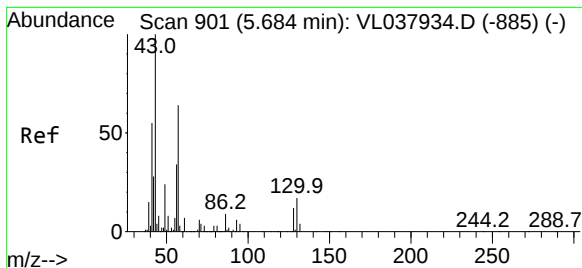
84 100

49 125.9 117.5 176.3

51 35.3 35.9 53.9

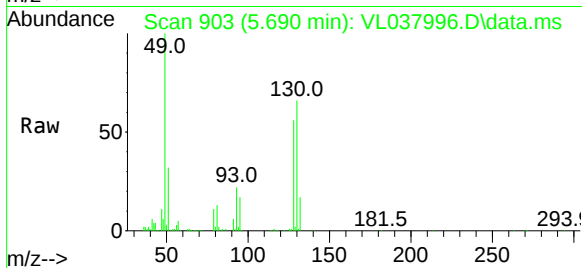
86 63.7 47.3 70.9





#26
Hexane
Concen: 0.164 ppbv m
RT: 5.690 min Scan# 901
Delta R.T. 0.006 min
Lab File: VL037996.D
Acq: 10 Nov 2021 2:01

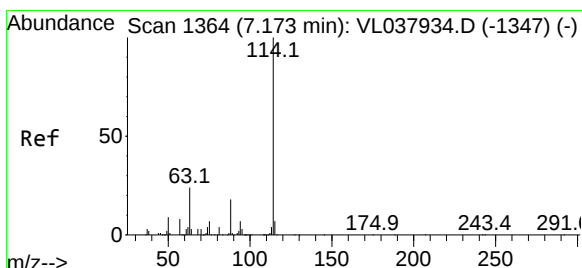
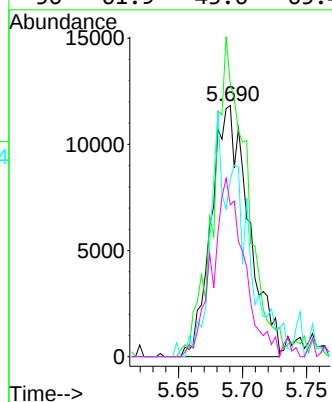
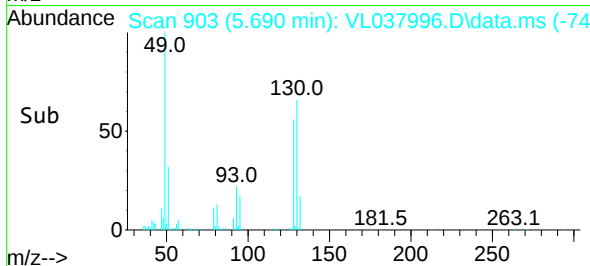
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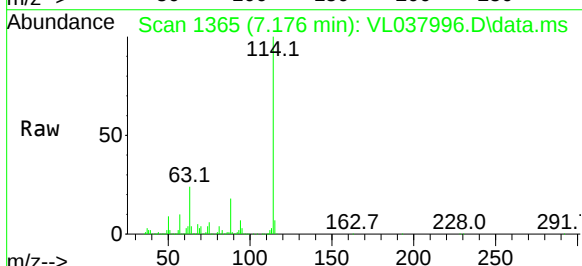
Tgt Ion: 57 Resp: 24120
Ion Ratio Lower Upper
57 100
41 117.9 71.0 106.6
43 84.5 173.0 259.6
56 61.9 43.6 65.4

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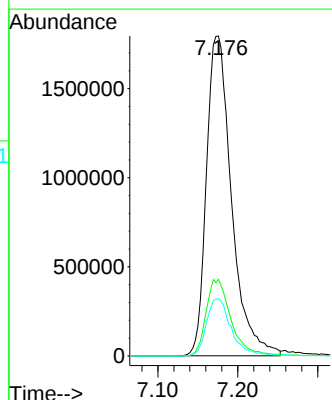
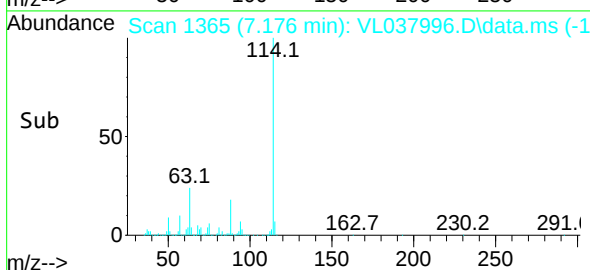
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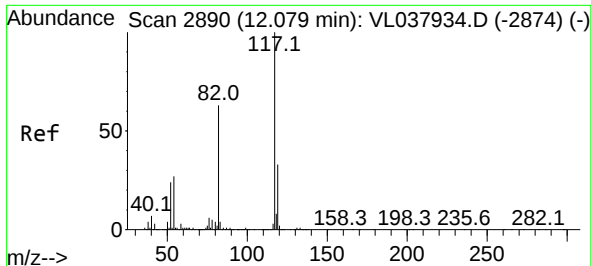


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.003 min
Lab File: VL037996.D
Acq: 10 Nov 2021 2:01



Tgt Ion:114 Resp: 3921681
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.0
88 17.9 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.082 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VL037996.D

Acq: 10 Nov 2021 2:01

Instrument :

MSVOA_L

ClientSampleId :

COU21DL

Tgt Ion:117 Resp: 331640

Ion Ratio Lower Upper

117 100

82 66.0 51.0 76.6

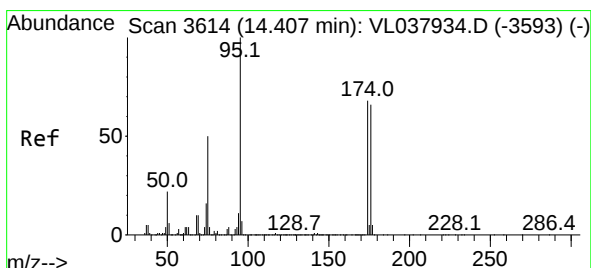
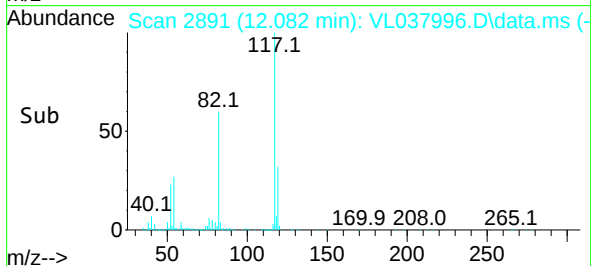
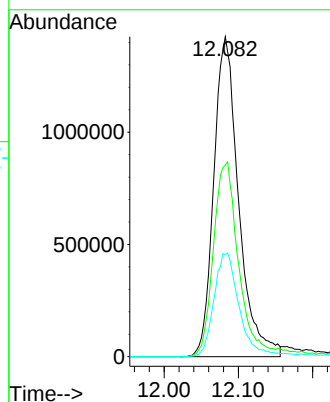
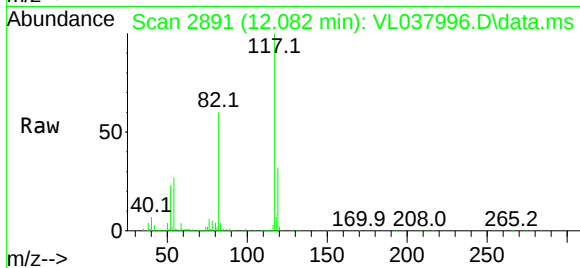
119 33.8 26.9 40.3

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.281 ppbv

RT: 14.407 min Scan# 3614

Delta R.T. 0.000 min

Lab File: VL037996.D

Acq: 10 Nov 2021 2:01

Tgt Ion: 95 Resp: 2237360

Ion Ratio Lower Upper

95 100

174 76.3 58.3 87.5

175 5.9 4.6 6.8

