

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038101.D
 Acq On : 23 Nov 2021 16:02
 Operator : SY/AP
 Sample : M4805-05DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-ROOK-COFFEEDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 28 11:53:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1003160	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2752366	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2464443	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1920461	10.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	13420	0.173	ppbv	88
13) Ethanol	3.60	45	616478	82.223	ppbv	93
15) Acetone	3.86	43	305470	3.512	ppbv	100
19) Isopropyl Alcohol	3.97	45	477727m	7.602	ppbv	
26) Hexane	5.68	57	72598	0.521	ppbv #	53
53) Toluene	9.80	91	56862m	0.180	ppbv	

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

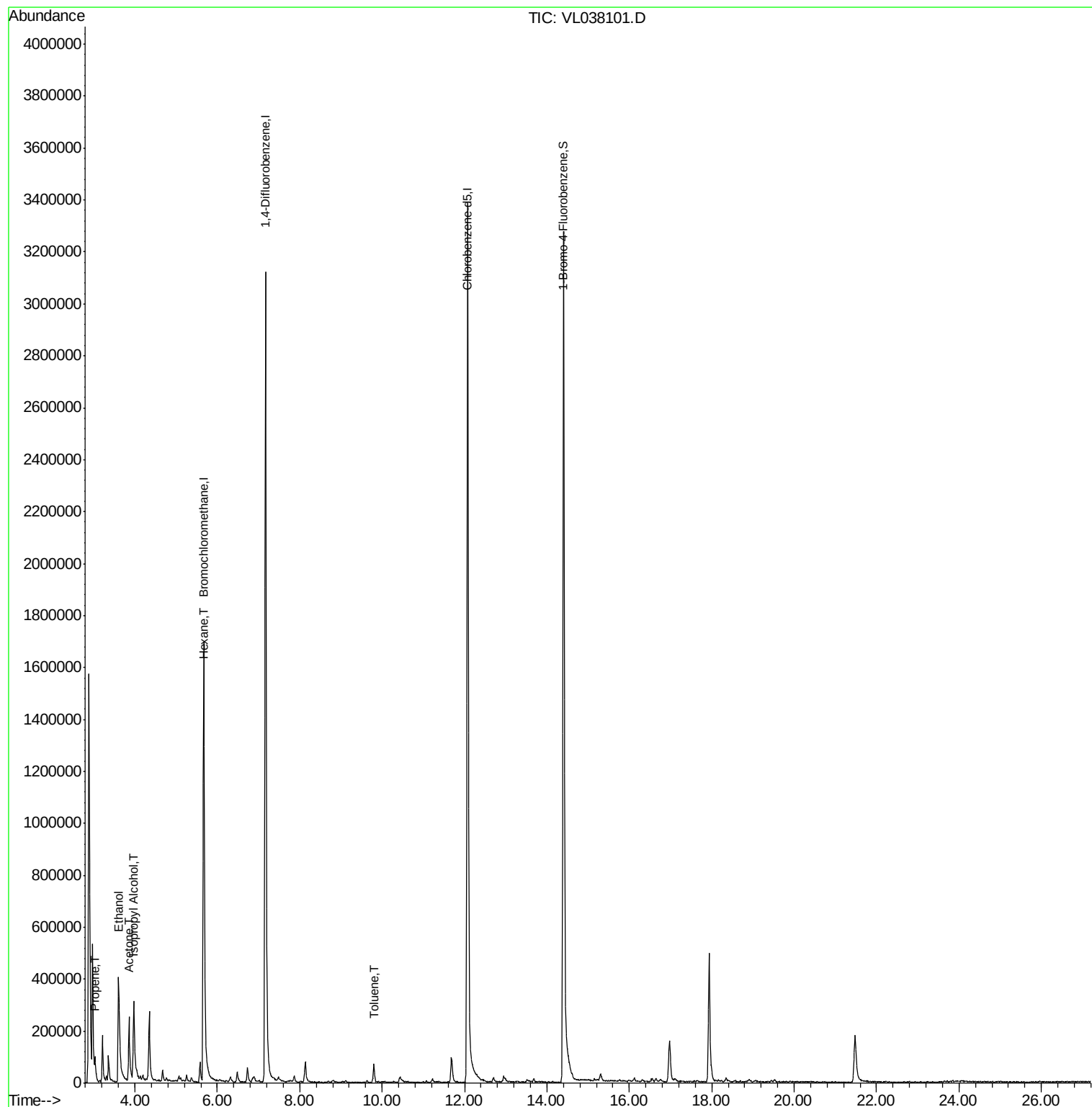
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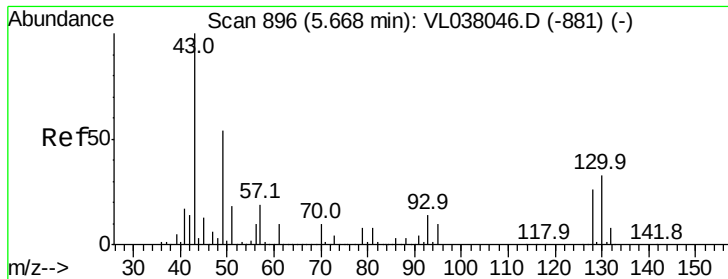
Instrument :
MSVOA_L
ClientSampleId :
IA-ROOK-COFFEEDL

Quant Time: Nov 28 11:53:20 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: IA-ROOK-COFFEEDL

Acq: 23 Nov 2021 16:02

Tot Ion:

Ion Ratio

49 100

128 48.

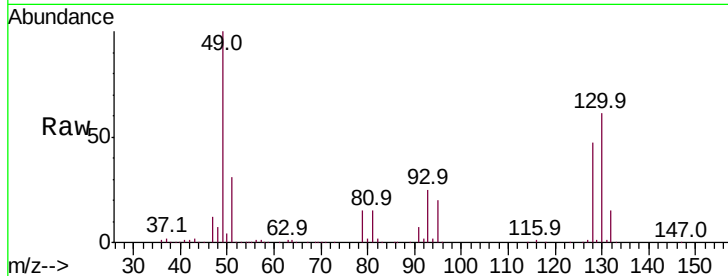
130 63.

Manual Integrations

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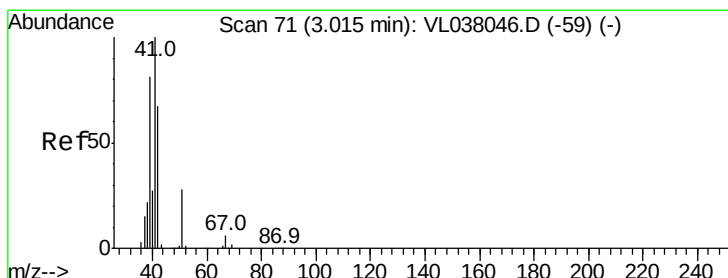
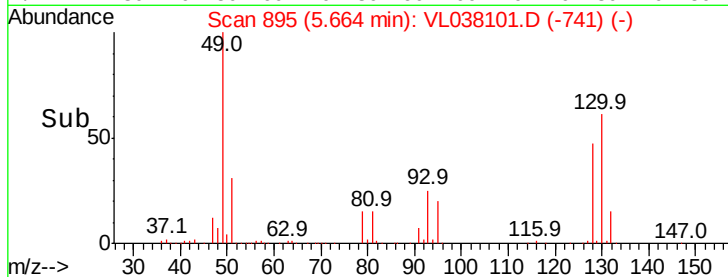
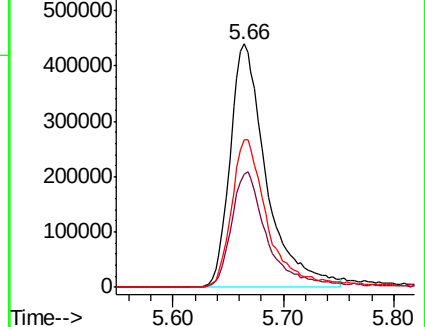
Supervised By :Mahesh Dadoda 11/29/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.173 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL038101.D

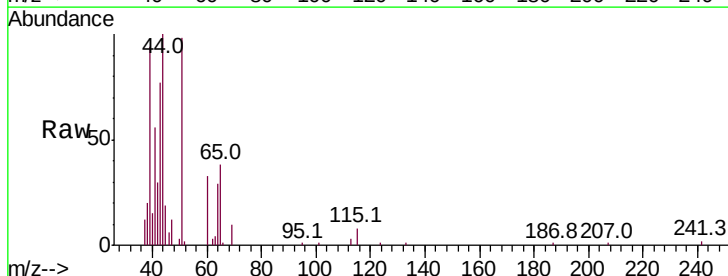
Acq: 23 Nov 2021 16:02

Tgt Ion: 41 Resp: 13420

Ion Ratio Lower Upper

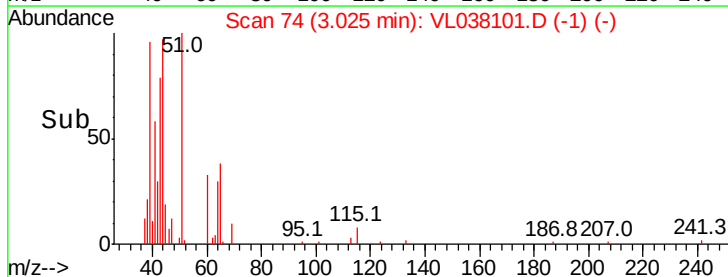
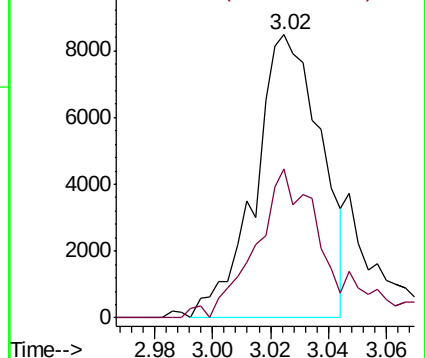
41 100

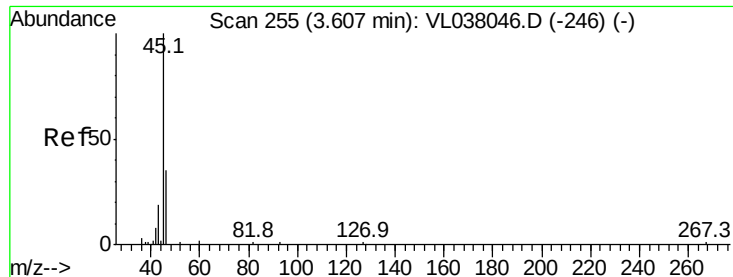
42 57.8 53.8 80.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



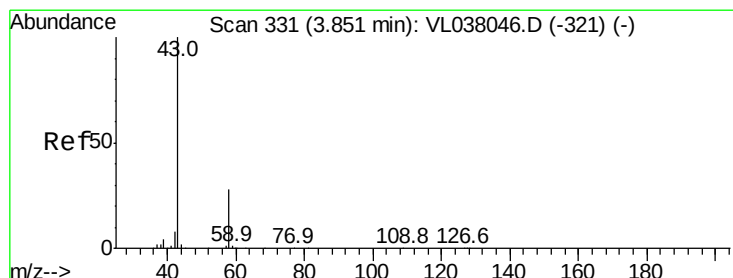
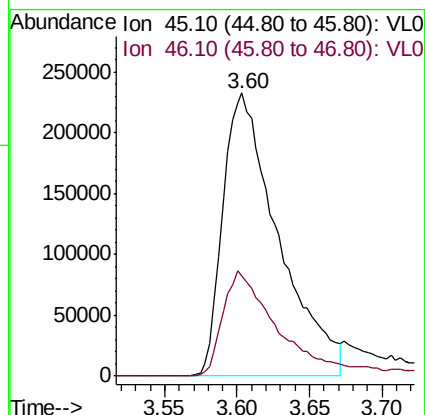
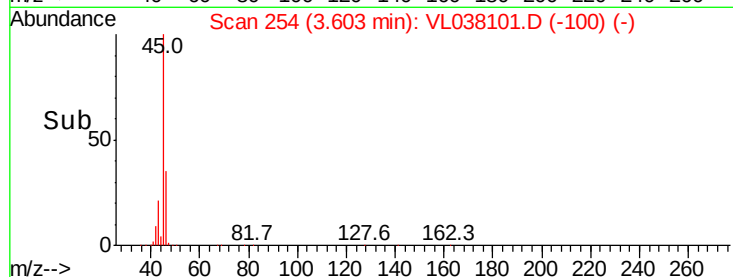
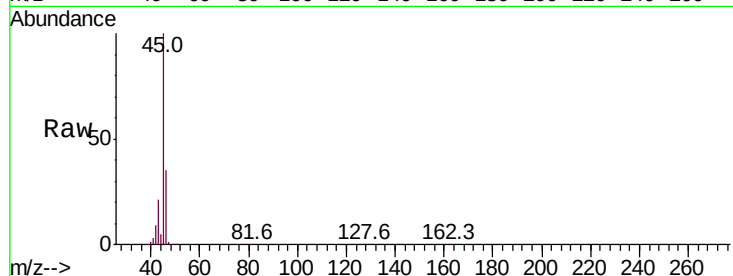


#13
Ethanol
Concen: 82.223 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 16:02

Tot Ion:
Ion Ratio
45 100
46 39.

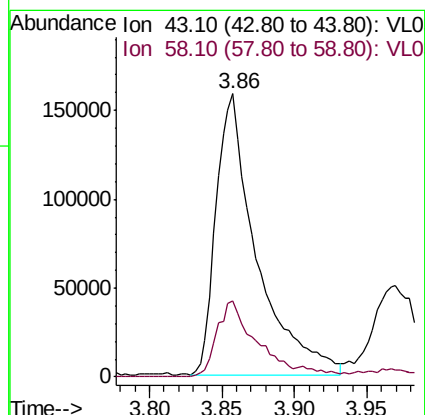
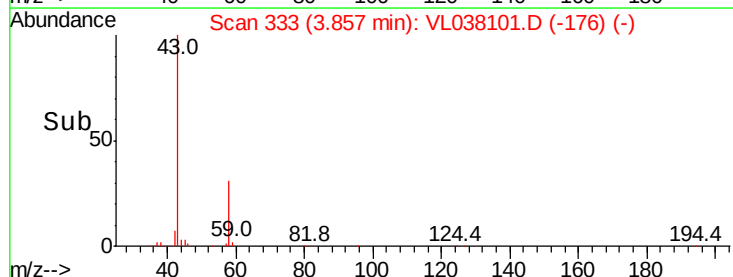
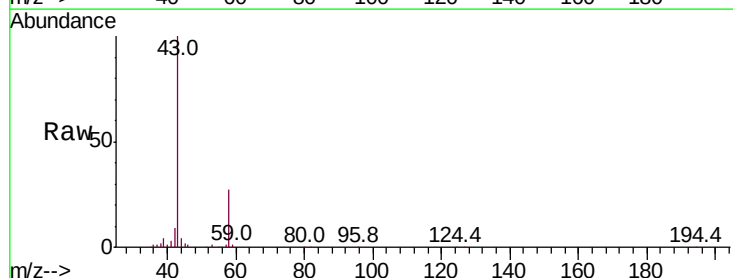
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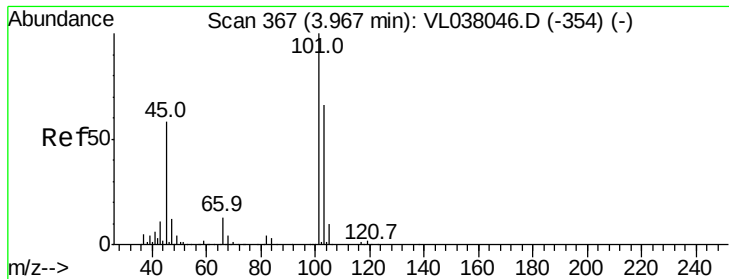
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#15
Acetone
Concen: 3.512 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL038101.D
Acq: 23 Nov 2021 16:02

Tgt Ion: 43 Resp: 305470
Ion Ratio Lower Upper
43 100
58 28.0 22.4 33.6





#19

Isopropyl Alcohol

Concen: 7.602 ppbv m

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:02

Tot Ion:

Ion Ratio

45 100

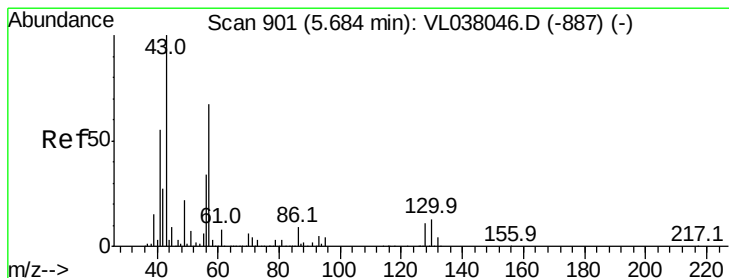
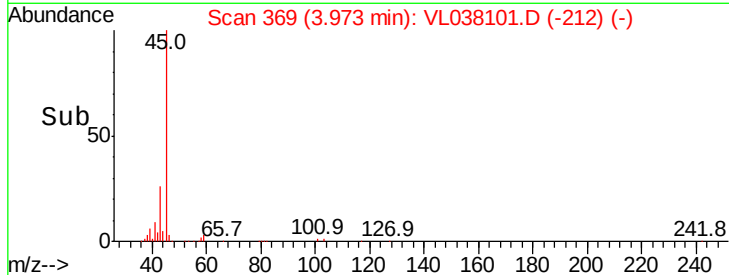
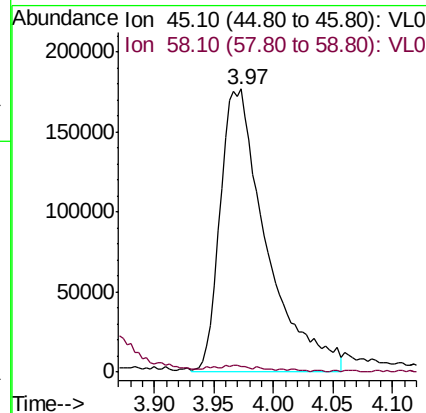
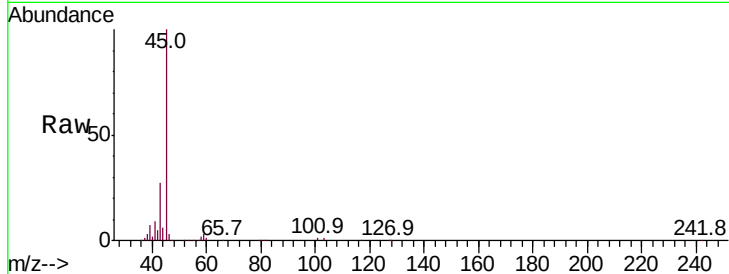
58 3.

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#26

Hexane

Concen: 0.521 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.00 min

Lab File: VL038101.D

Acq: 23 Nov 2021 16:02

Tgt Ion: 57 Resp: 72598

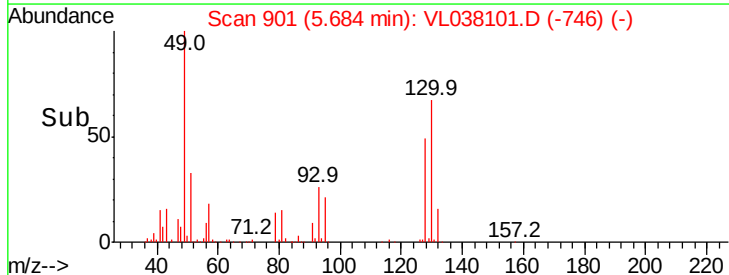
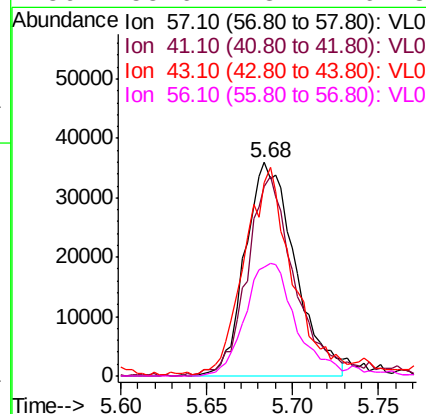
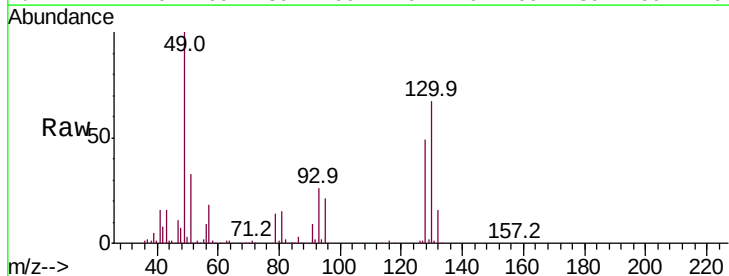
Ion Ratio Lower Upper

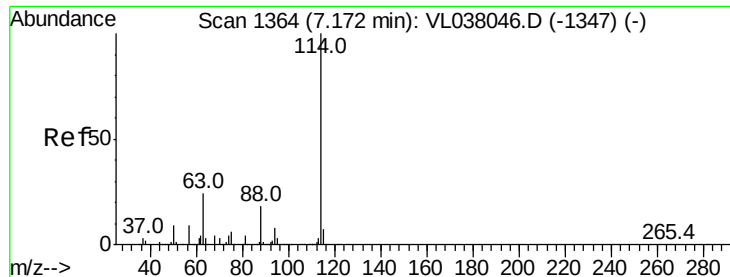
57 100

41 93.9 71.4 107.2

43 97.5 174.6 261.8#

56 55.6 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

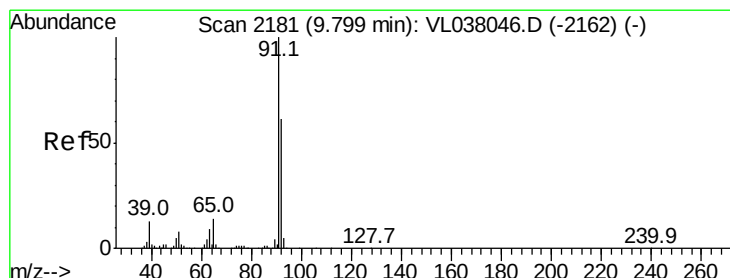
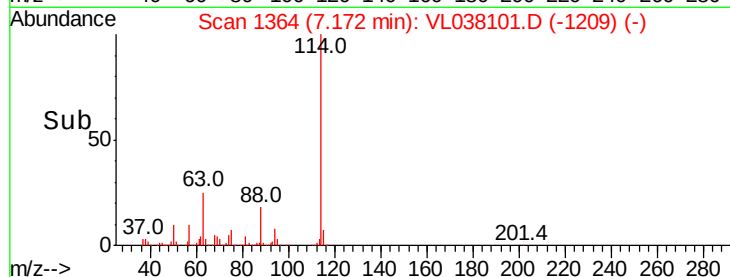
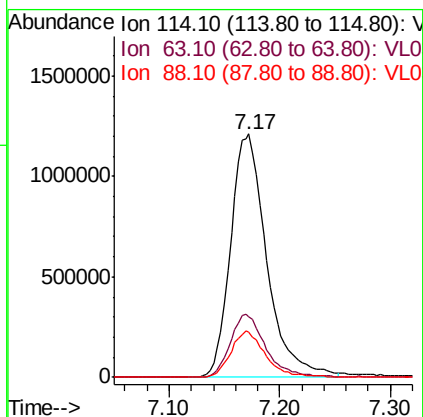
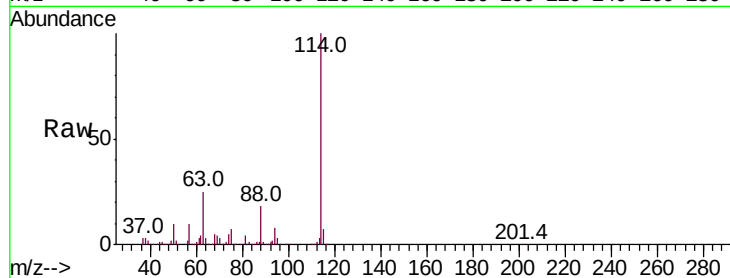
Lab File: ClientSampleId:

Acq: 23 Nov 2021 10:02

Tot Ion:1
Ion Rati
114 100
63 26.
88 18.

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#53

Toluene

Concen: 0.180 ppbv m

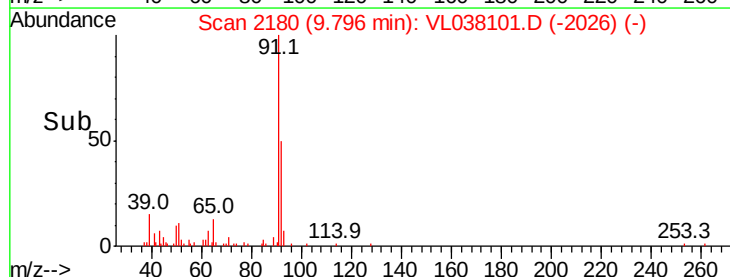
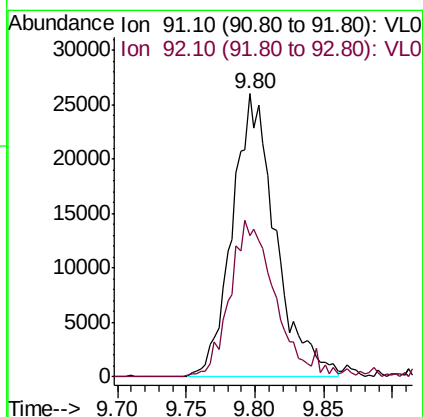
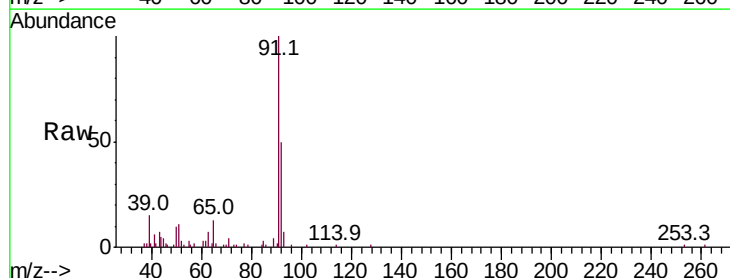
RT: 9.80 min Scan# 2180

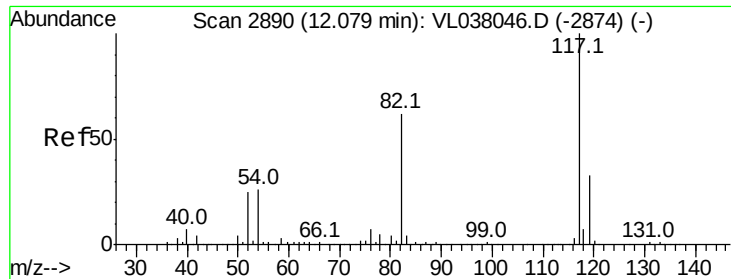
Delta R.T. -0.00 min

Lab File: VL038101.D

Acq: 23 Nov 2021 16:02

Tgt Ion: 91 Resp: 56862
Ion Ratio Lower Upper
91 100
92 56.7 49.7 74.5



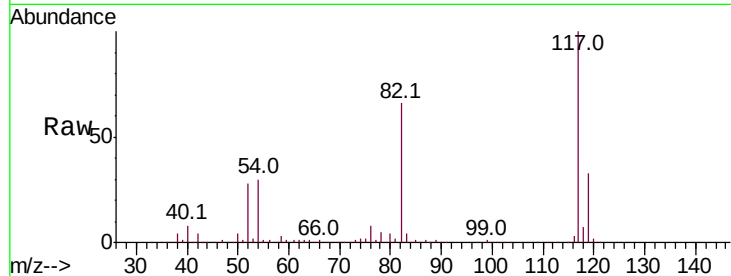


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 23 Nov 2021 10:02

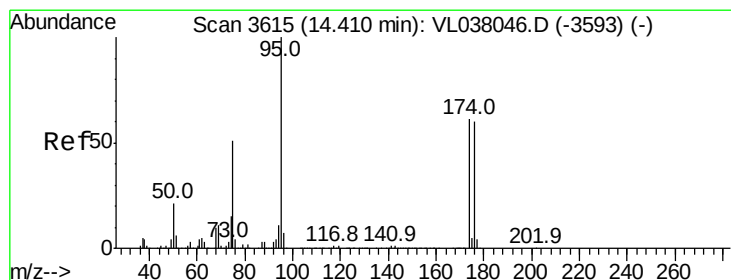
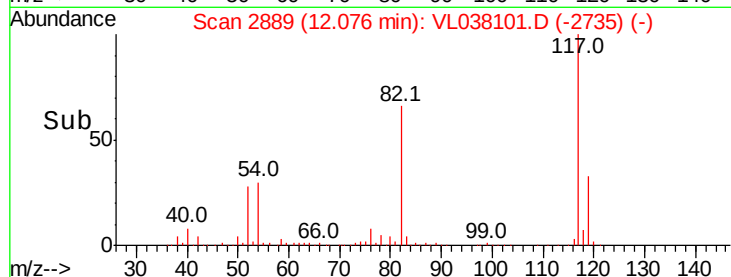
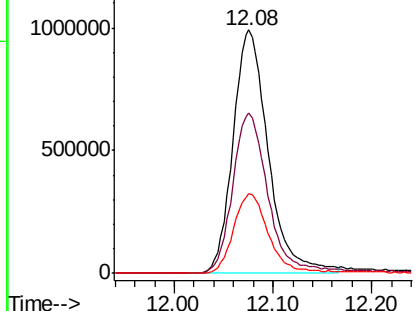
Tot Ion: 1
Ion Ratio
117 100
82 68.
119 33.

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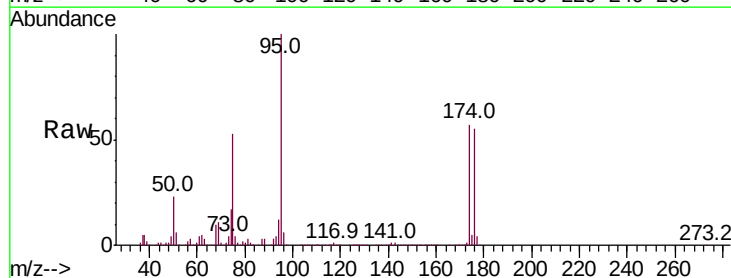


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.803 ppbv
RT: 14.41 min Scan# 3614
Delta R.T.: -0.00 min
Lab File: VL038101.D
Acq: 23 Nov 2021 16:02

Tgt Ion: 95 Resp: 1920461
Ion Ratio Lower Upper
95 100
174 62.2 53.1 79.7
175 4.6 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

