

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037714.D
 Acq On : 28 Sep 2021 22:33
 Operator : SY/AP
 Sample : M3948-03DL2 80X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021

Quant Time: Sep 29 05:27:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1311876	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4127107	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3403187	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2474744	10.06	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	15899m	0.182	ppbv	
13) Ethanol	3.62	45	465490m	54.521	ppbv	
15) Acetone	3.86	43	1083341	7.948	ppbv	99
16) 1,3-Butadiene	3.32	39	38776m	0.455	ppbv	
19) Isopropyl Alcohol	3.98	45	103371m	1.394	ppbv	
20) Methylene Chloride	4.35	84	17232m	0.265	ppbv	
26) Hexane	5.69	57	43740	0.279	ppbv #	45
34) 2-Butanone	5.26	43	80035m	0.477	ppbv	
38) Trichloroethene	7.84	130	26921	0.187	ppbv #	75
51) 2-Hexanone	10.14	43	14372m	0.153	ppbv	
52) Tetrachloroethene	11.22	164	57232m	0.433	ppbv	

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

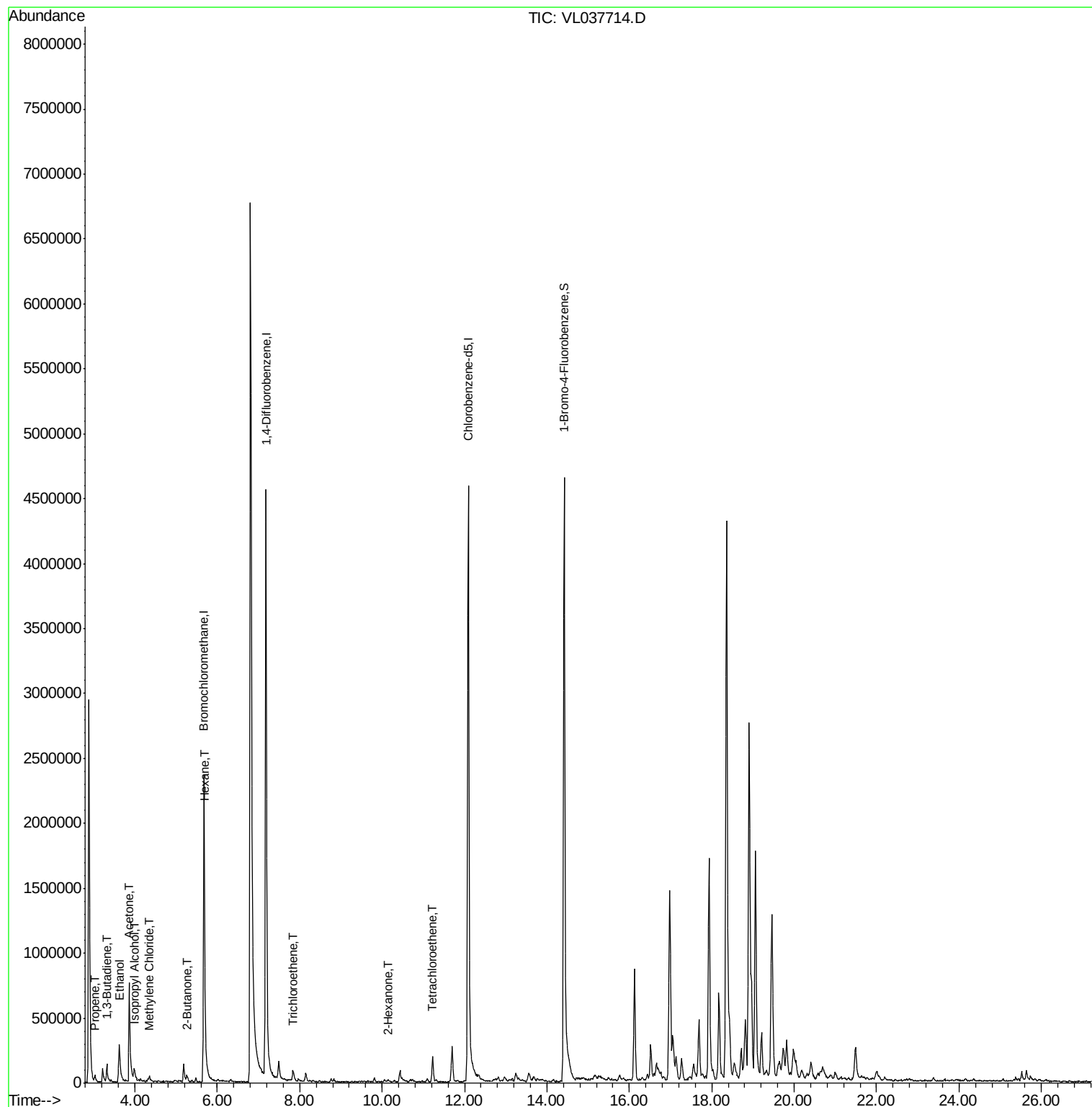
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037714.D
Acq On : 28 Sep 2021 22:33
Operator : SY/AP
Sample : M3948-03DL2 80X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

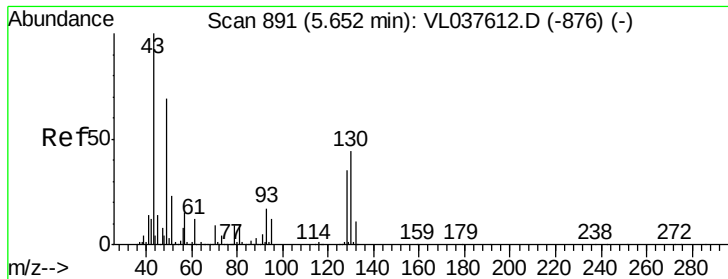
Instrument :
MSVOA_L
ClientSampleId :
SV3DL2

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Quant Time: Sep 29 05:27:08 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

SV3DL2

Acq: 28 Sep 2021 22:33

Tgt Ion:

Ion Ratio

49 100

128 55.

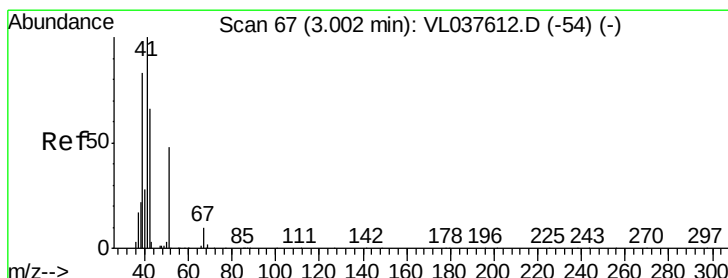
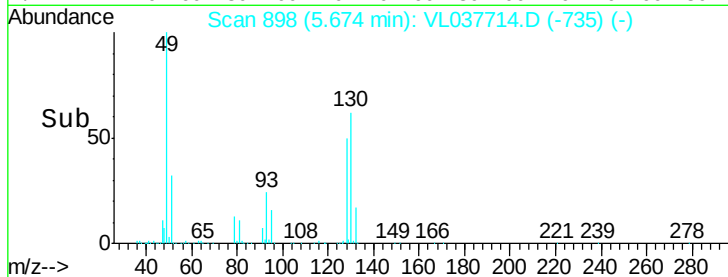
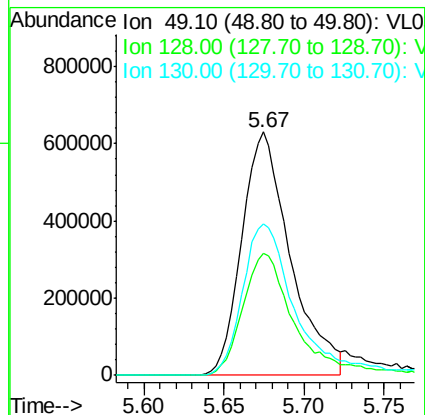
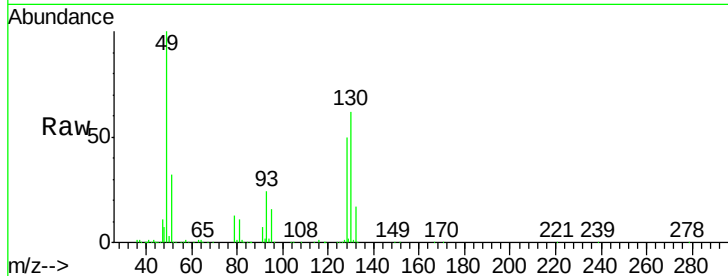
130 70.

Manual Integrations

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#9

Propene

Concen: 0.182 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL037714.D

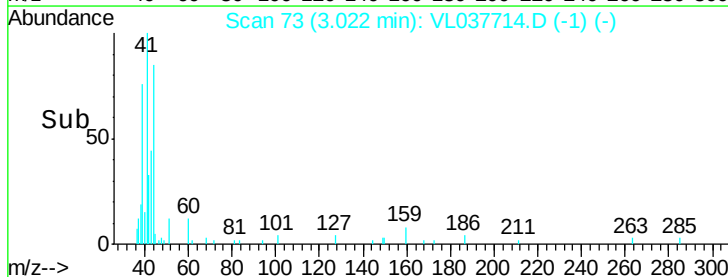
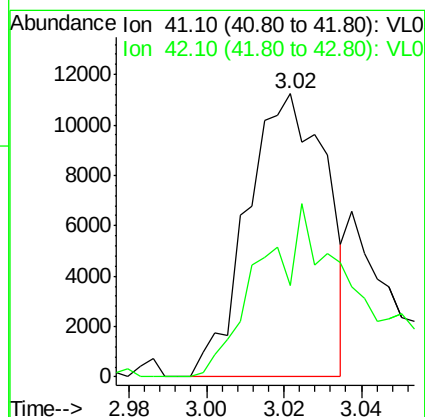
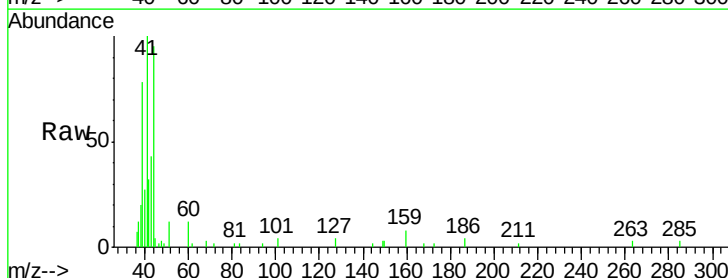
Acq: 28 Sep 2021 22:33

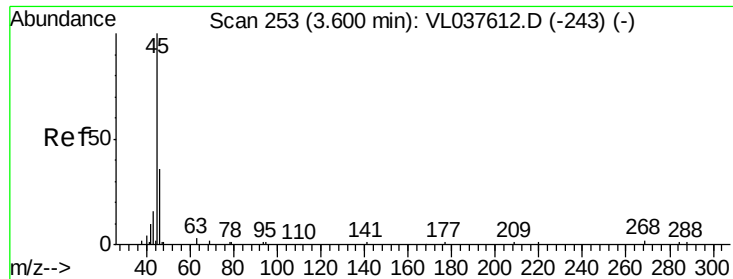
Tgt Ion: 41 Resp: 15899

Ion Ratio Lower Upper

41 100

42 0.0 57.2 85.8#



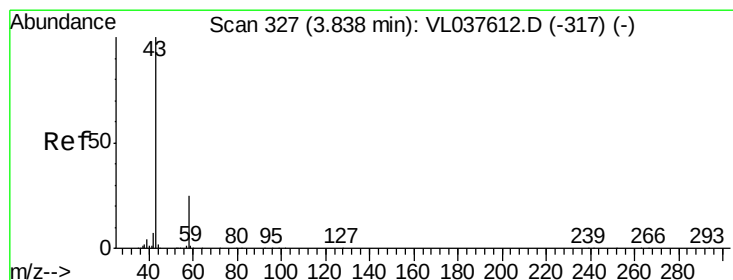
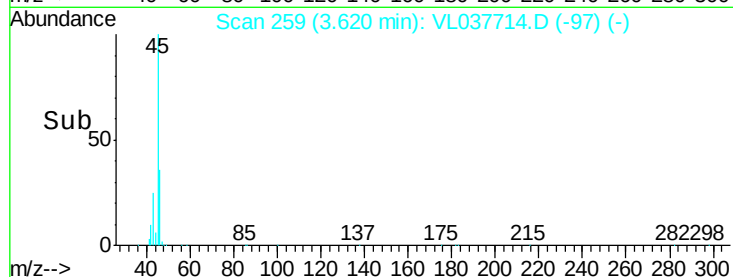
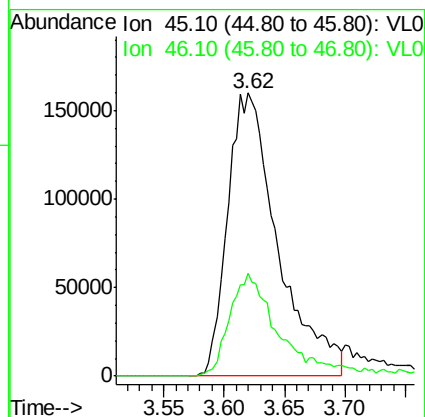
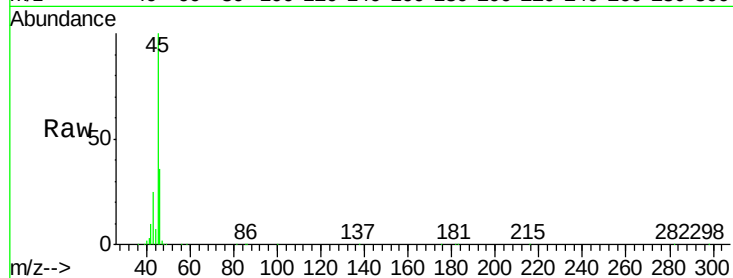


#13
Ethanol
Concen: 54.521 ppbv m
RT: 3.62
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
SV3DL2
Acq: 28 Sep 2021 22:33

Tgt Ion:
Ion Ratio
45 100
46 0.

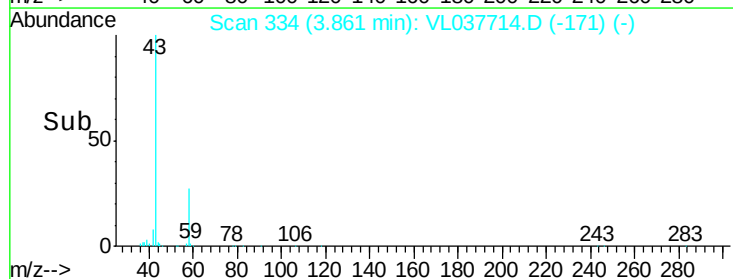
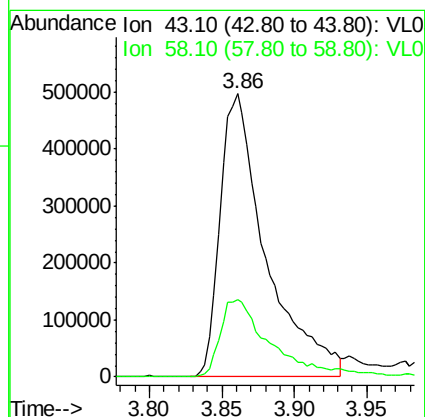
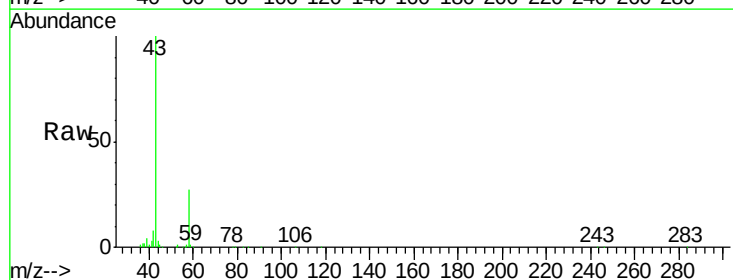
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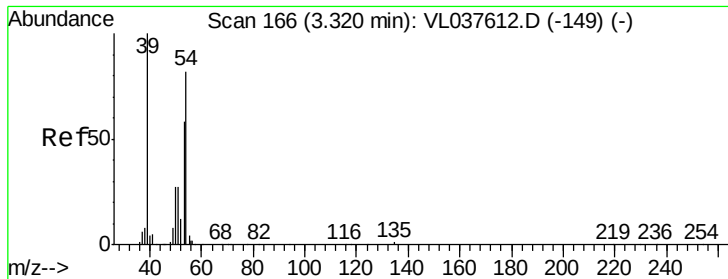
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#15
Acetone
Concen: 7.948 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL037714.D
Acq: 28 Sep 2021 22:33

Tgt Ion: 43 Resp: 1083341
Ion Ratio Lower Upper
43 100
58 30.7 24.9 37.3



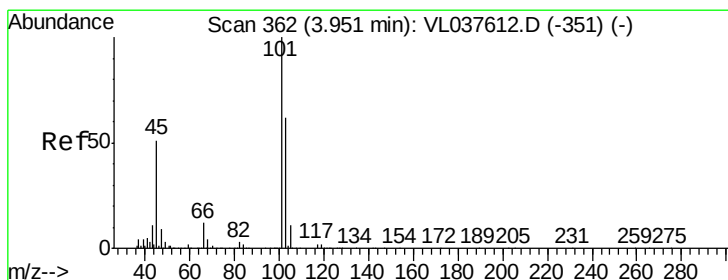
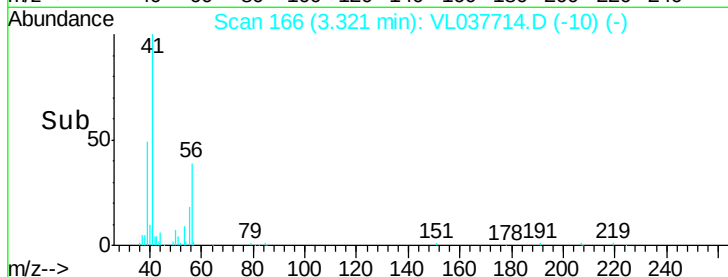
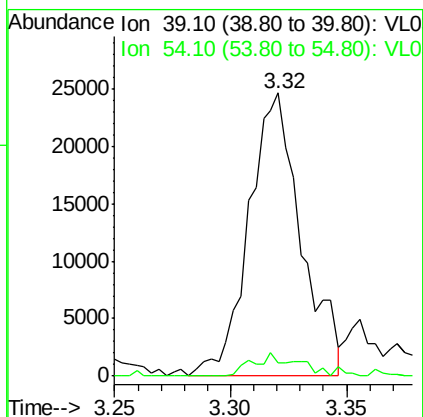
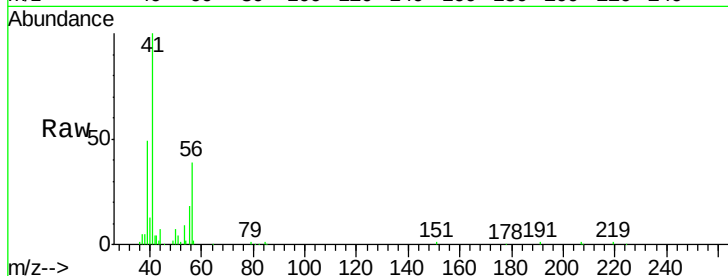


#16
 1,3-Butadiene
 Concen: 0.455 ppbv m
 RT: 3.32
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 SV3DL2
 Acq: 28 Sep 2021 22:33

Tgt Ion:
 Ion Ratio
 39 100
 54 0.

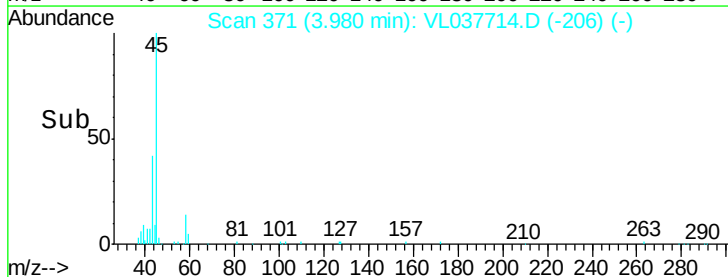
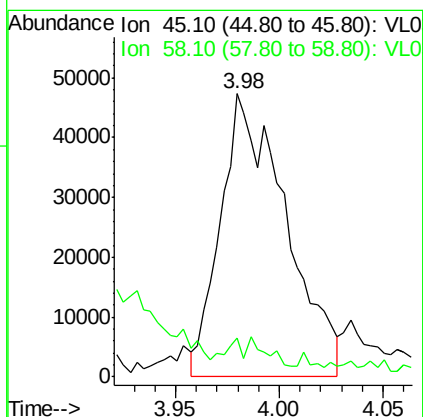
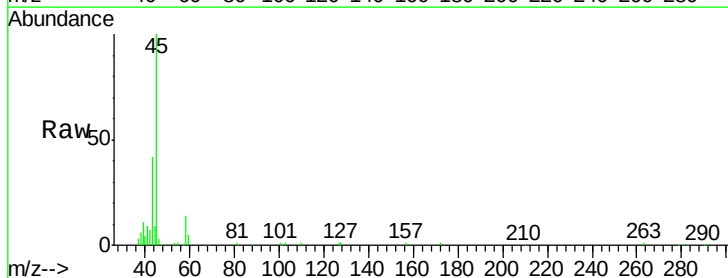
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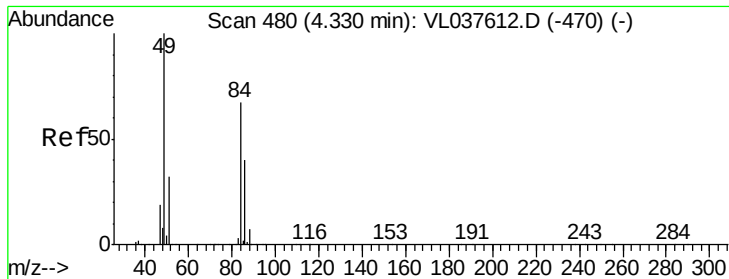
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#19
 Isopropyl Alcohol
 Concen: 1.394 ppbv m
 RT: 3.98 min Scan# 371
 Delta R.T. 0.03 min
 Lab File: VL037714.D
 Acq: 28 Sep 2021 22:33

Tgt Ion: 45 Resp: 103371
 Ion Ratio Lower Upper
 45 100
 58 0.0 2.9 4.3#



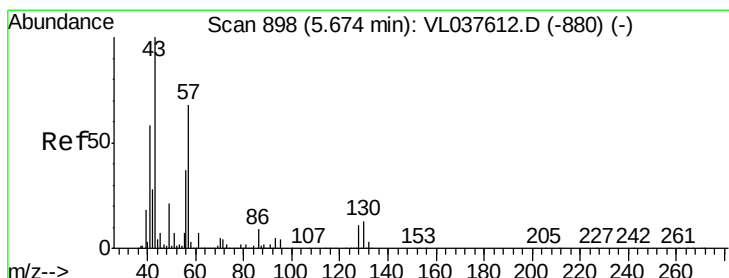
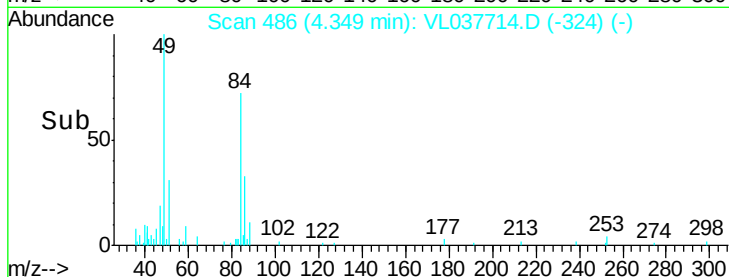
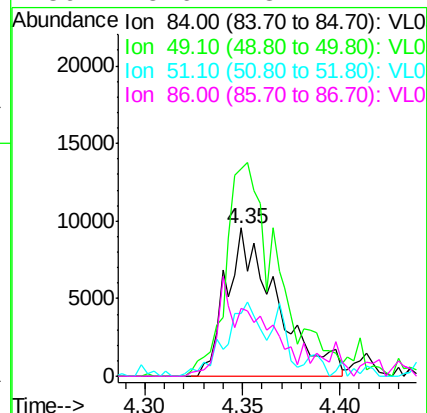
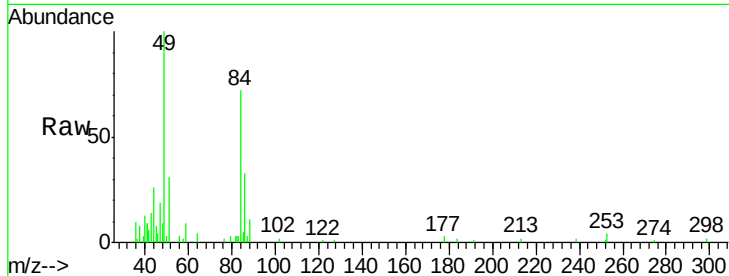


#20
Methylene Chloride
Concen: 0.265 ppbv m
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Sep 2021 22:33

Tgt Ion:
Ion Ratio
84 100
49 139.
51 42.
86 45.6 48.2 72.2#

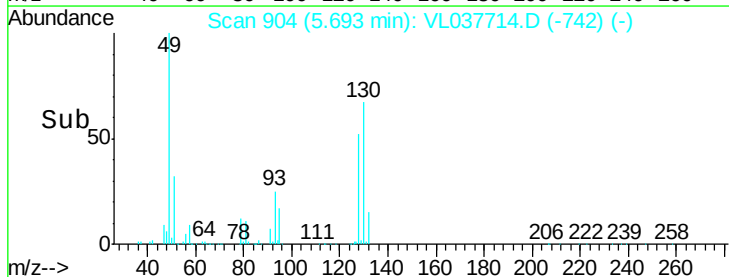
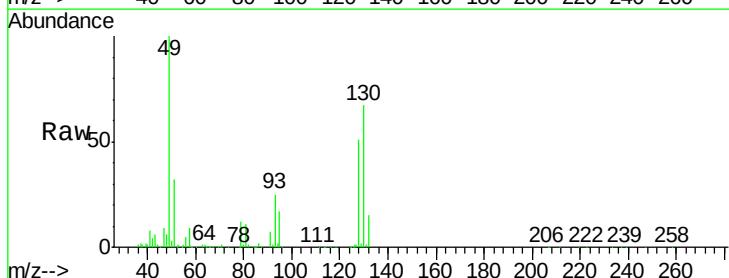
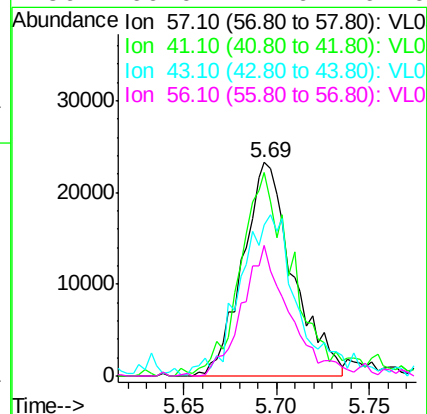
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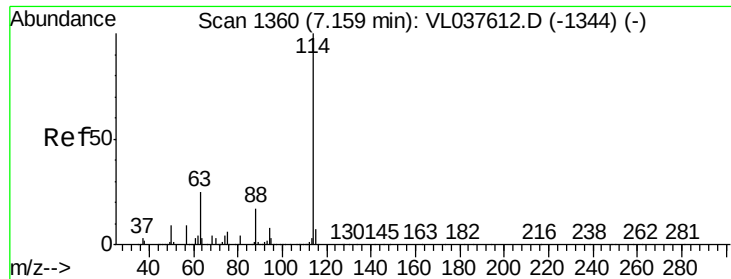
Reviewed By :Semsettin Yesilyurt 09/29/2021
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#26
Hexane
Concen: 0.279 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.02 min
Lab File: VL037714.D
Acq: 28 Sep 2021 22:33

Tgt Ion: 57 Resp: 43740
Ion Ratio Lower Upper
57 100
41 108.9 70.9 106.3#
43 85.7 170.4 255.6#
56 60.0 42.6 64.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId : SV3DL2

Acq: 28 Sep 2021 22:33

Tgt Ion: 1

Ion Ratio

114 100

63 23.

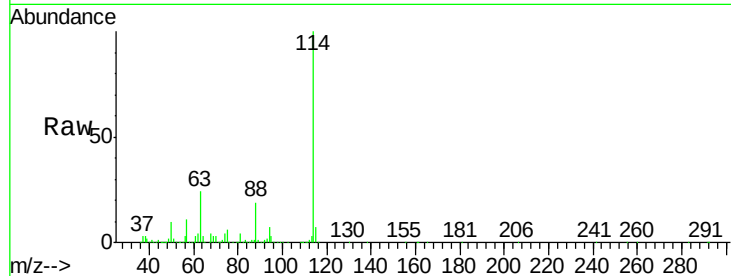
88 17.

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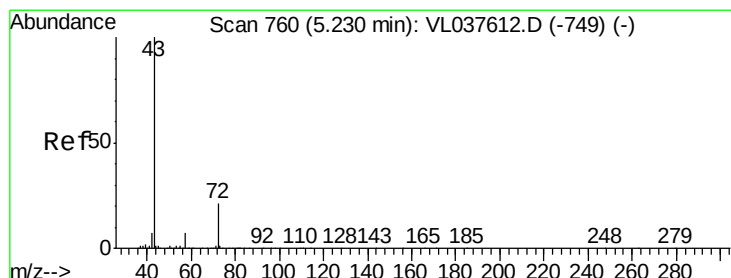
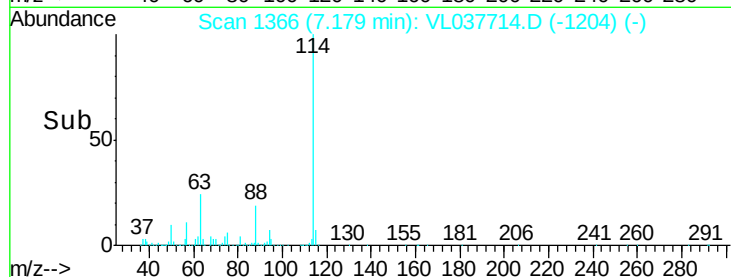
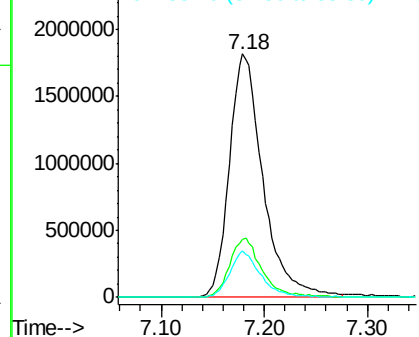


10/1/2021 10:11:35 AM

Abundance Ion 114.10 (113.80 to 114.80): VLO

Ion 63.10 (62.80 to 63.80): VLO

Ion 88.10 (87.80 to 88.80): VLO



#34

2-Butanone

Concen: 0.477 ppbv m

RT: 5.26 min Scan# 769

Delta R.T. 0.03 min

Lab File: VL037714.D

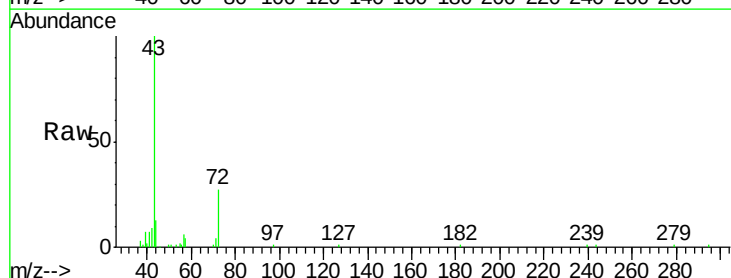
Acq: 28 Sep 2021 22:33

Tgt Ion: 43 Resp: 80035

Ion Ratio Lower Upper

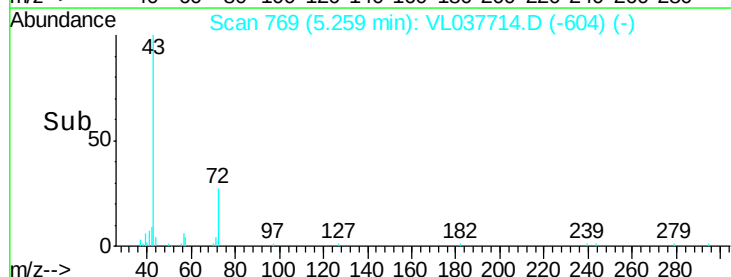
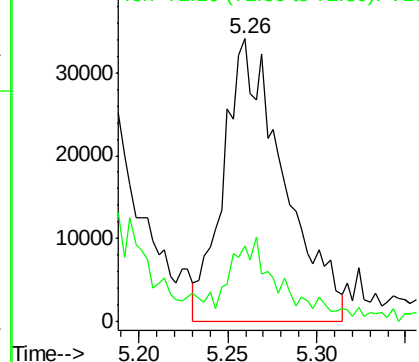
43 100

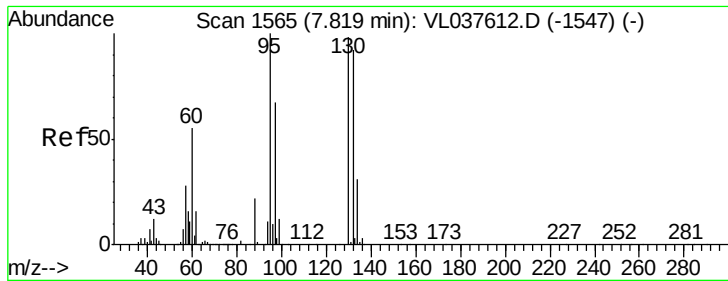
72 0.0 18.4 27.6#



Abundance Ion 43.10 (42.80 to 43.80): VLO

Ion 72.10 (71.80 to 72.80): VLO



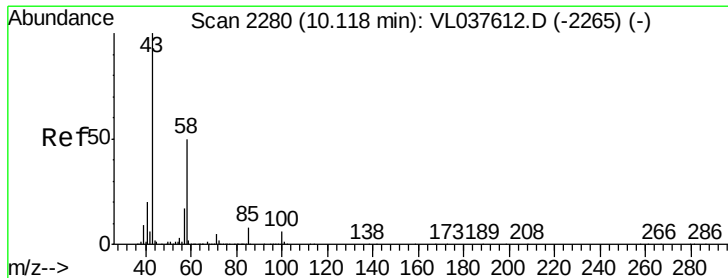
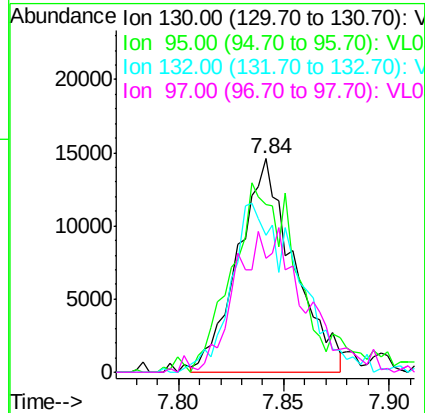
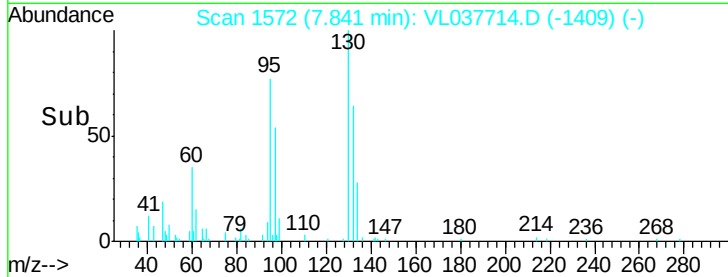
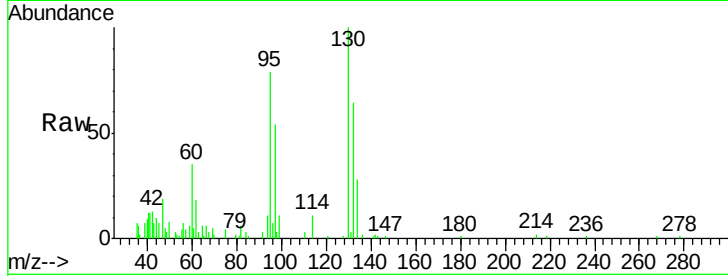


#38
 Trichloroethene
 Concen: 0.187 ppbv
 RT: 7.84
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 SV3DL2
 Acq: 28 Sep 2021 22:33

Tgt Ion: 1
 Ion Ratio
 130 100
 95 80.1
 132 61.1
 97 52.4

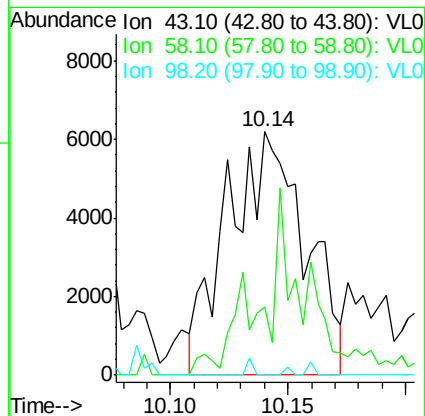
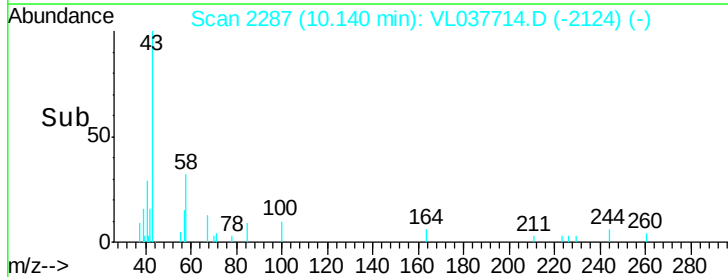
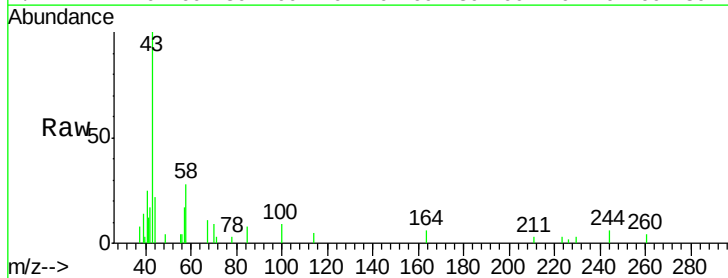
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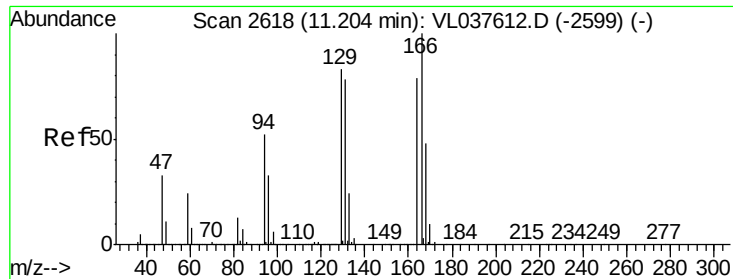
Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021



#51
 2-Hexanone
 Concen: 0.153 ppbv m
 RT: 10.14 min Scan# 2287
 Delta R.T.: 0.02 min
 Lab File: VL037714.D
 Acq: 28 Sep 2021 22:33

Tgt Ion: 43 Resp: 14372
 Ion Ratio Lower Upper
 43 100
 58 46.0 39.3 58.9
 98 0.0 0.4 0.6#





#52

Tetrachloroethene

Concen: 0.433 ppbv m

RT: 11.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 22:33

Tgt Ion:1

Ion Ratio

164 100

166 129.

129 97.

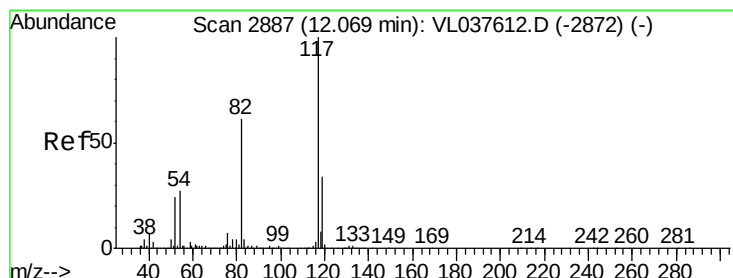
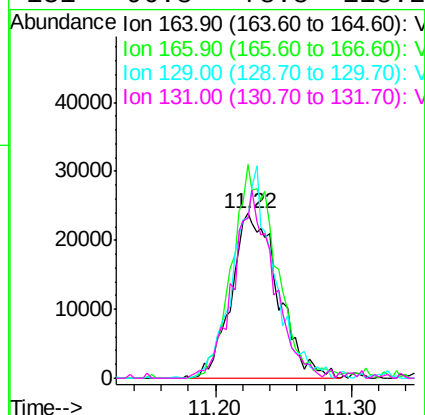
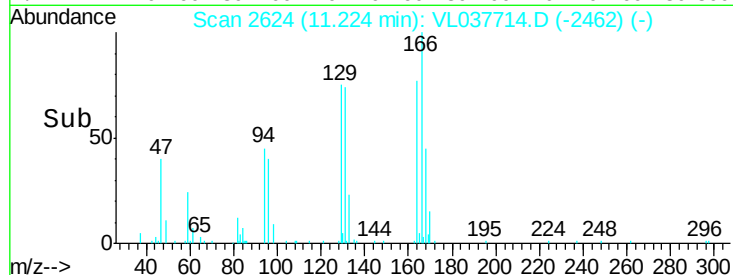
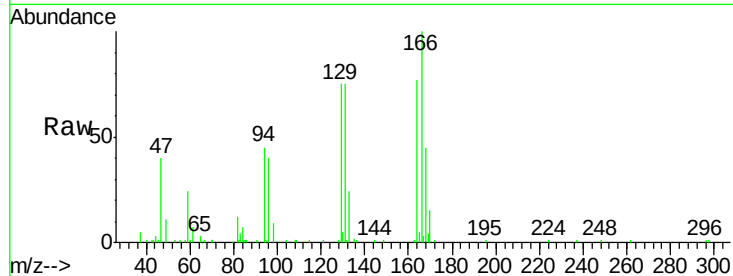
131 96.8

Manual Integrations

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Supervised By :Amit Patel 10/01/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. 0.02 min

Lab File: VL037714.D

Acq: 28 Sep 2021 22:33

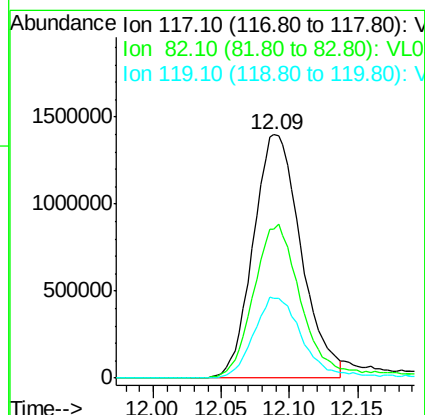
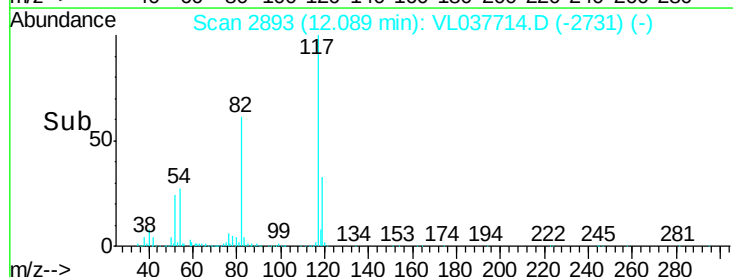
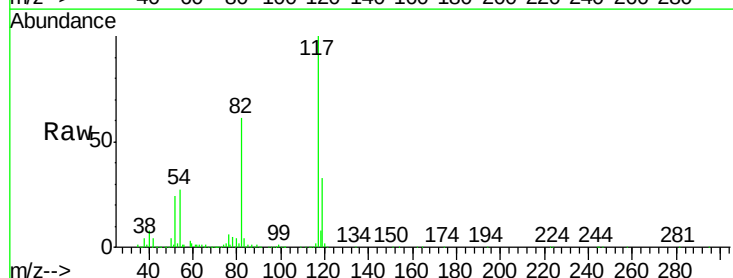
Tgt Ion:117 Resp: 3403187

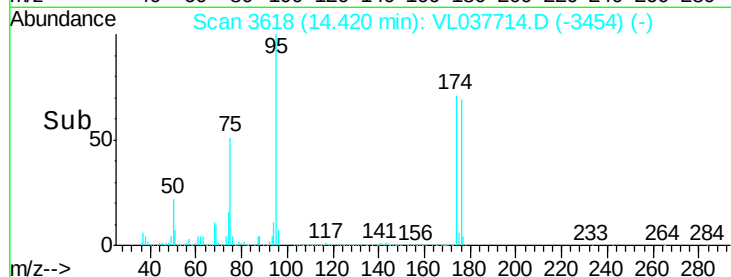
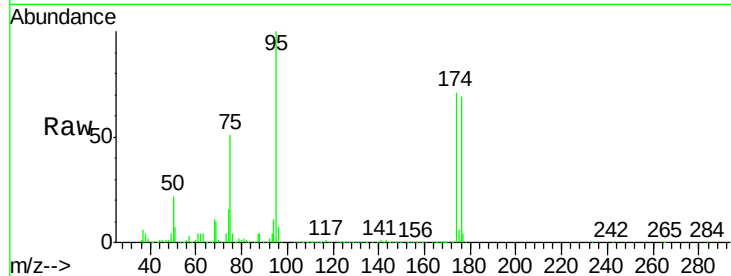
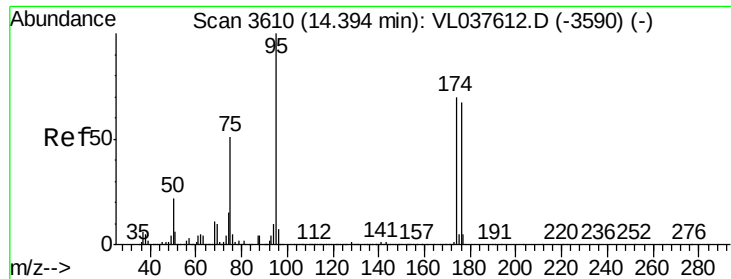
Ion Ratio Lower Upper

117 100

82 66.2 50.6 75.8

119 35.6 26.2 39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.062 ppbv

RT: 14.42

Delta R.T

Lab File: ClientSampleId :

SV3DL2

Acq: 28 Sep 2021 22:33

Tgt Ion:

Ion Ratio

95 100

174 78.

175 6.

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Supervised By :Amit Patel 10/01/2021

9/29/2021 10:33:46 AM

