

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037921.D
 Acq On : 27 Oct 2021 18:21
 Operator : SY/AP
 Sample : M4377-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FIRE-PUMP-ROOM-1ADL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021

Quant Time: Oct 28 13:01:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1372217	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	4010242	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	3470516	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2259658	9.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	56458m	7.116	ppbv	
15) Acetone	3.87	43	261539	2.123	ppbv	99
19) Isopropyl Alcohol	3.98	45	797392m	10.405	ppbv	
20) Methylene Chloride	4.36	84	238427	3.831	ppbv	98
26) Hexane	5.70	57	190833	1.121	ppbv #	43

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

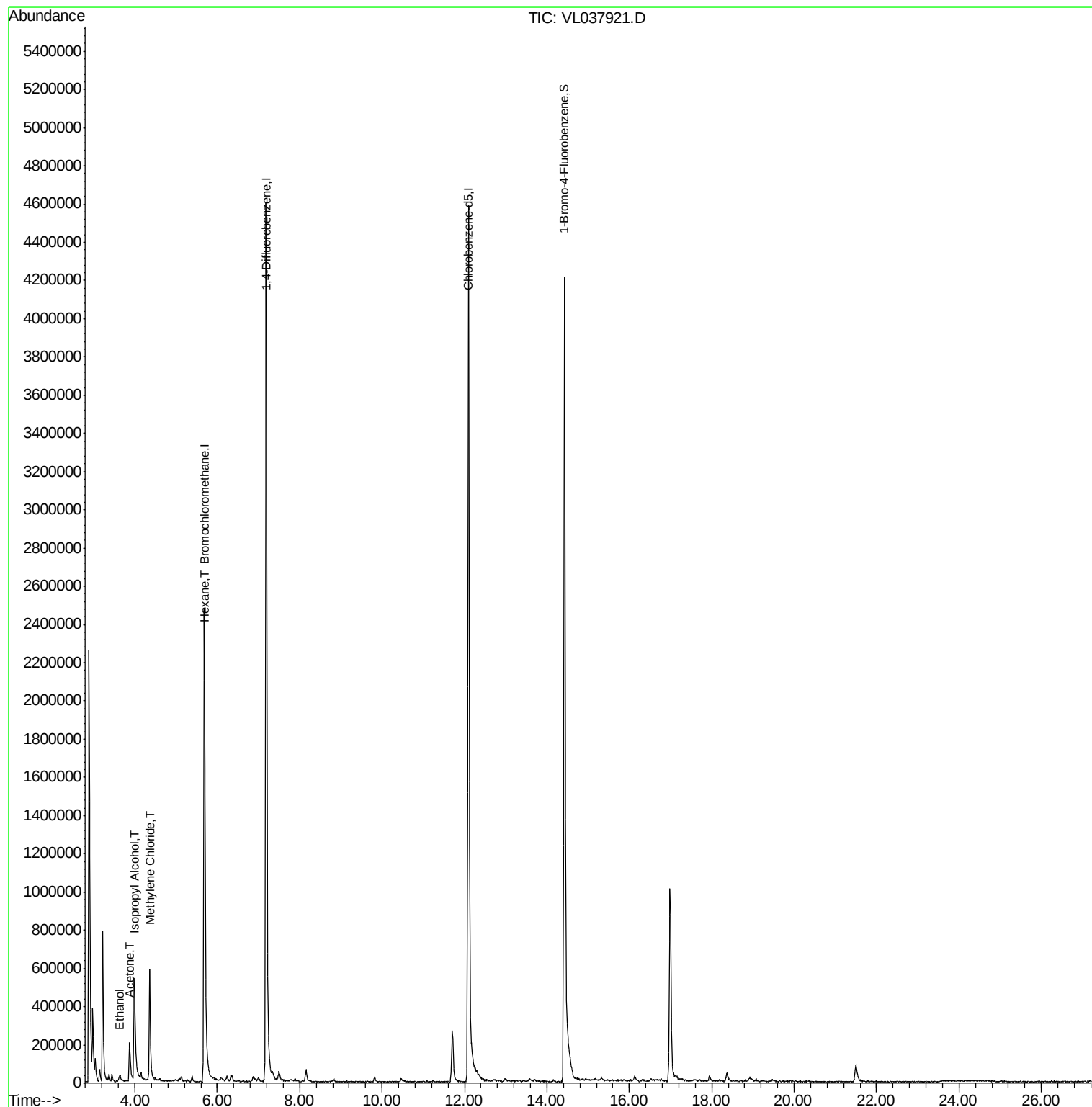
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Data File : VL037921.D
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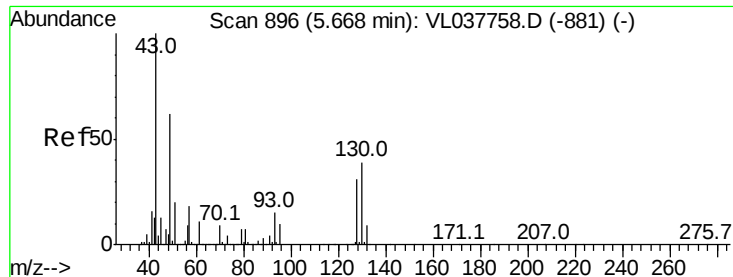
Instrument :
MSVOA_L
ClientSampleId :
FIRE-PUMP-ROOM-1ADL

Quant Time: Oct 28 13:01:07 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: FIRE-PUMP-ROOM-1ADL

Acq: 27 Oct 2021 18:21

Tot Ion:

Ion Ratio

49 100

128 54.

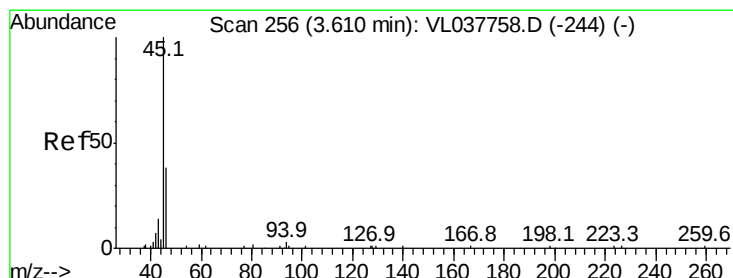
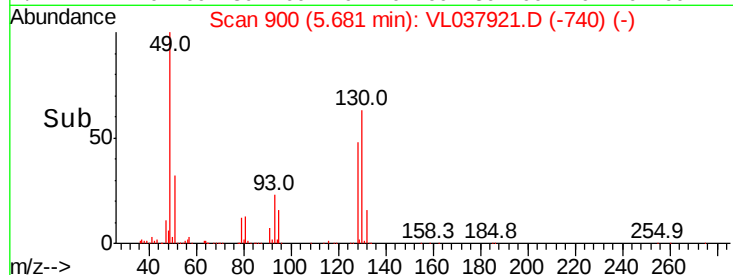
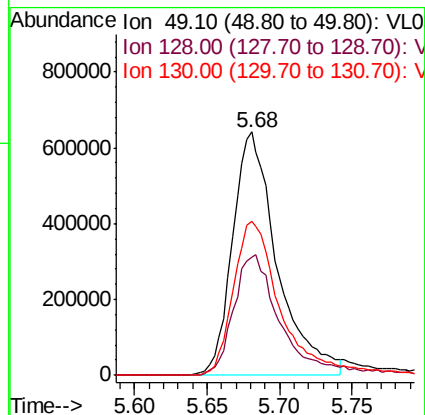
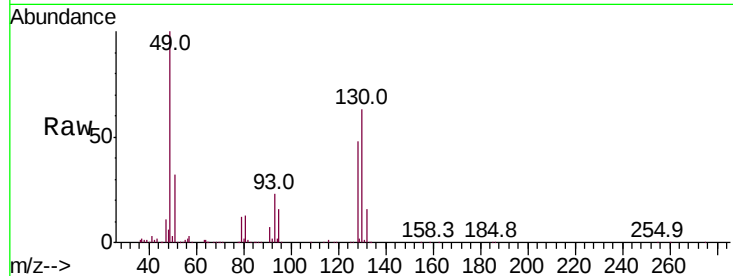
130 69.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#13

Ethanol

Concen: 7.116 ppbv m

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL037921.D

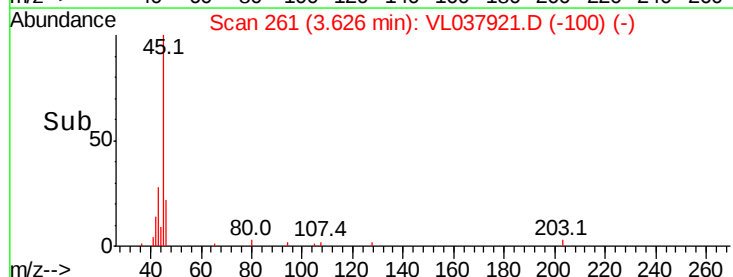
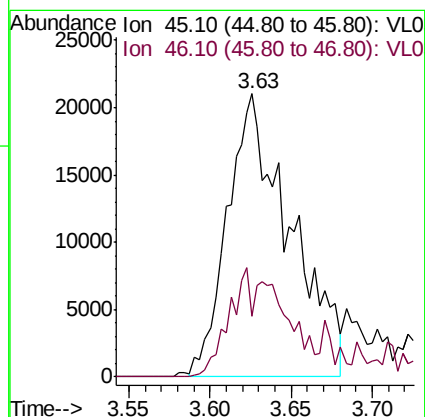
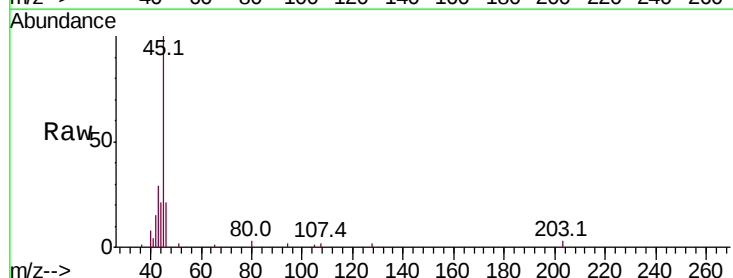
Acq: 27 Oct 2021 18:21

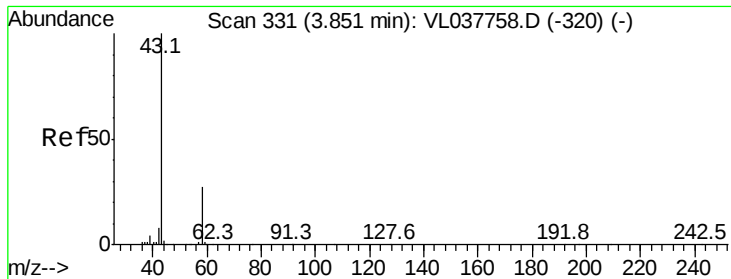
Tgt Ion: 45 Resp: 56458

Ion Ratio Lower Upper

45 100

46 42.7 20.2 81.0





#15

Acetone

Concen: 2.123 ppbv

RT: 3.87 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 27 Oct 2021 18:21 FIRE-PUMP-ROOM-1ADL

Tot Ion:

Ion Ratio

43 100

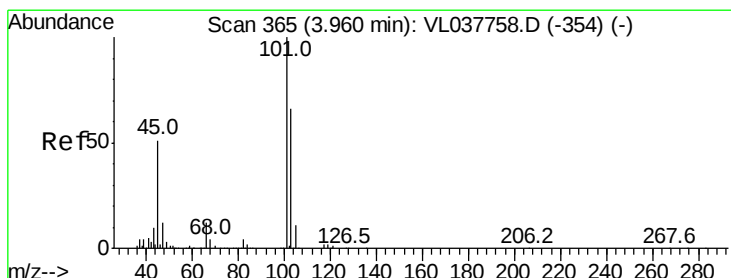
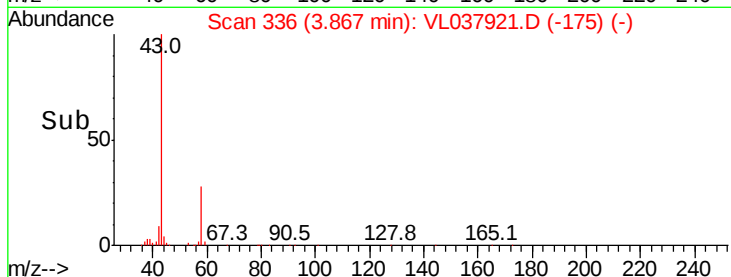
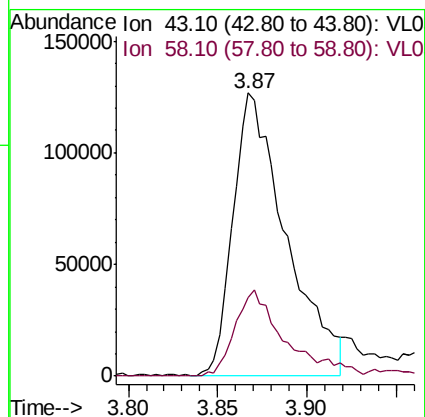
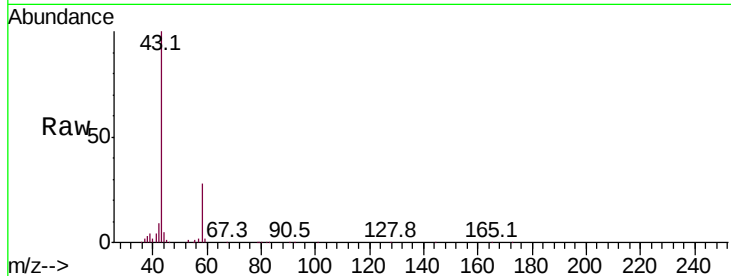
58 29.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#19

Isopropyl Alcohol

Concen: 10.405 ppbv m

RT: 3.98 min Scan# 372

Delta R.T. 0.02 min

Lab File: VL037921.D

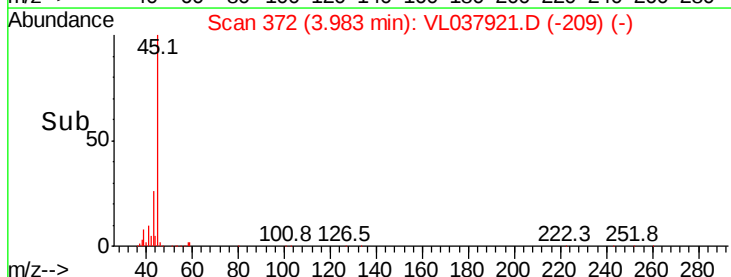
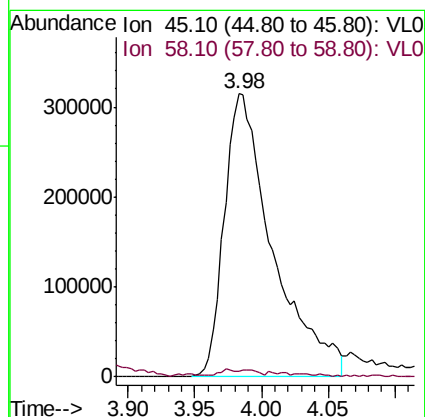
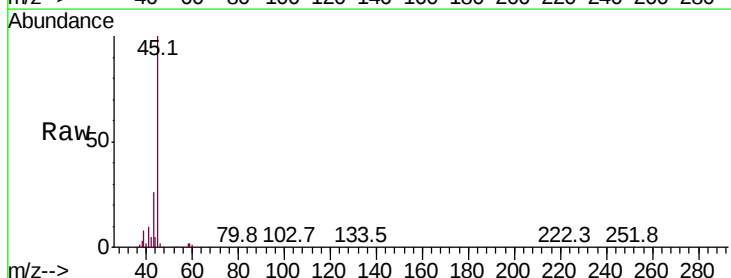
Acq: 27 Oct 2021 18:21

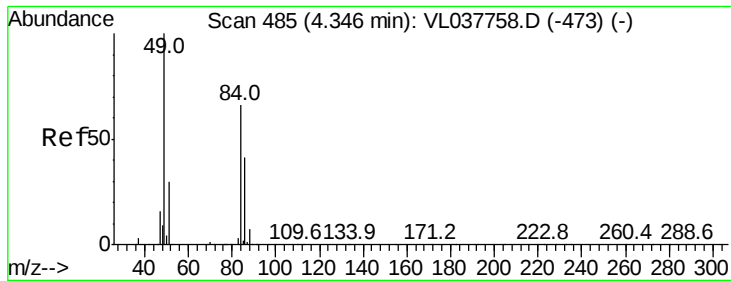
Tgt Ion: 45 Resp: 797392

Ion Ratio Lower Upper

45 100

58 3.6 1.1 1.7#



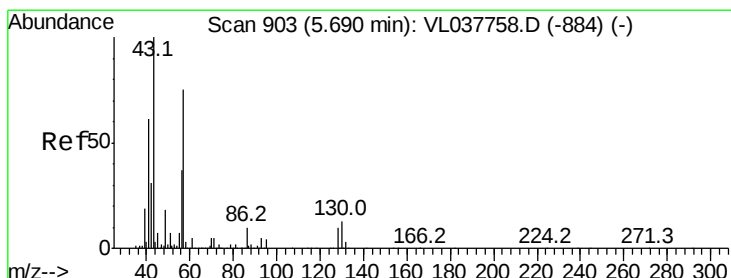
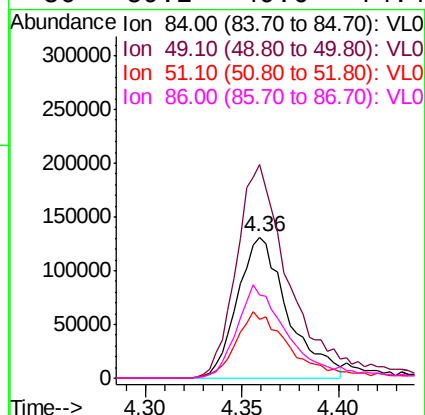
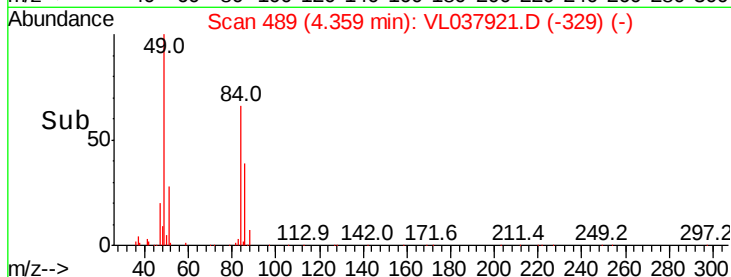
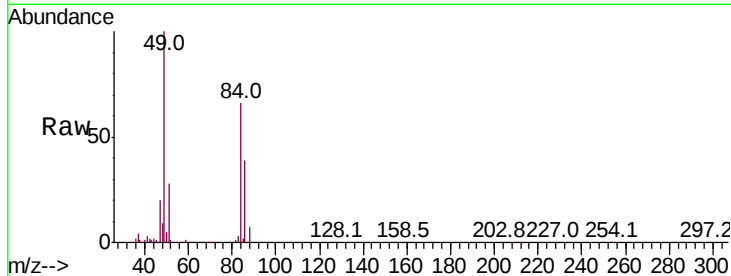


#20
Methvlene Chloride
Concen: 3.831 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 18:21 FIRE-PUMP-ROOM-1ADL

Tot Ion:
Ion Ratio
84 100
49 150.
51 41.
86 59.2 49.6 74.4

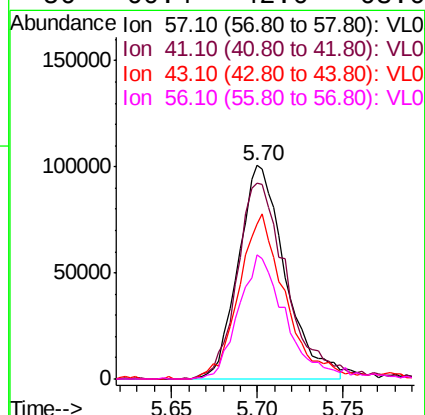
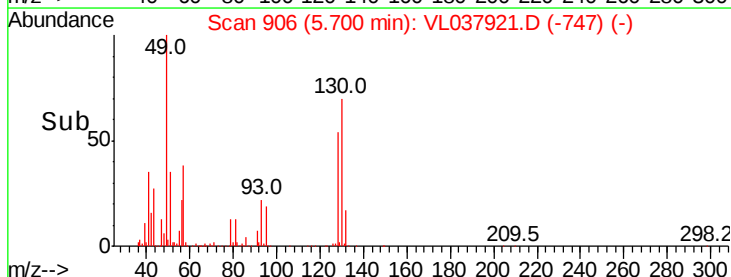
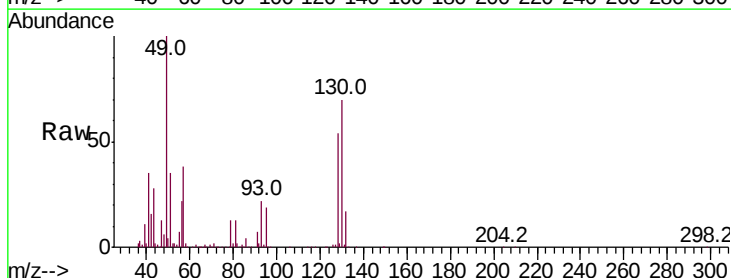
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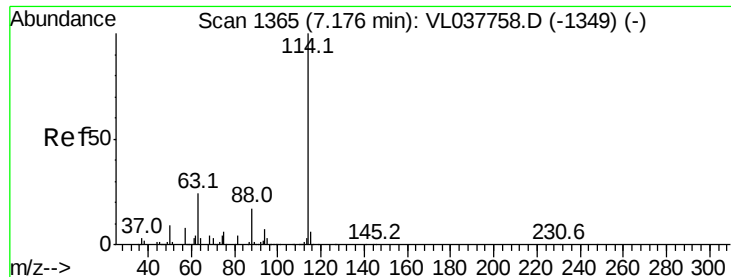
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#26
Hexane
Concen: 1.121 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL037921.D
Acq: 27 Oct 2021 18:21

Tgt Ion: 57 Resp: 190833
Ion Ratio Lower Upper
57 100
41 99.5 69.6 104.4
43 79.4 171.4 257.0#
56 60.4 42.0 63.0



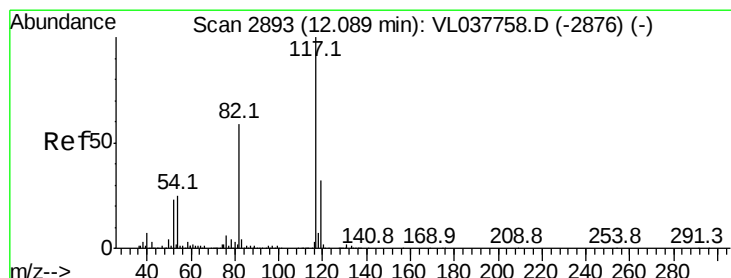
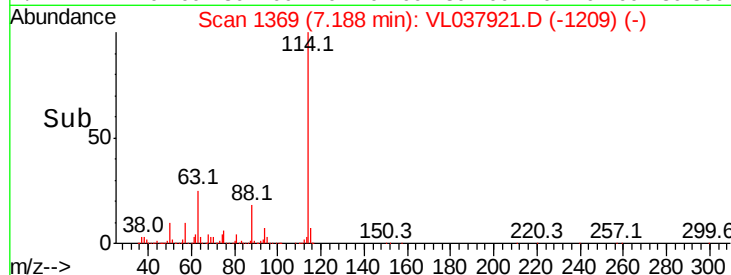
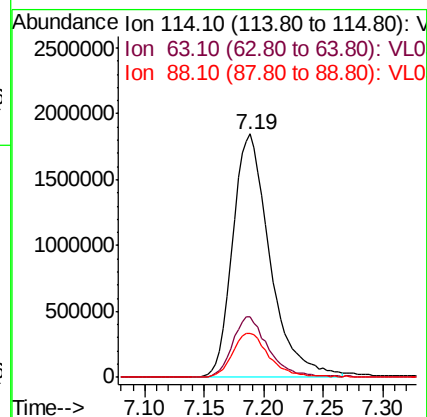
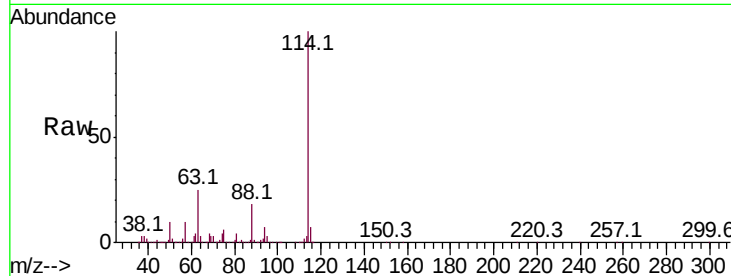


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Oct 2021 18:21

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 18.

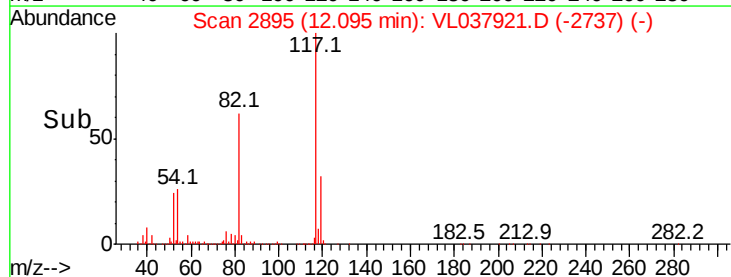
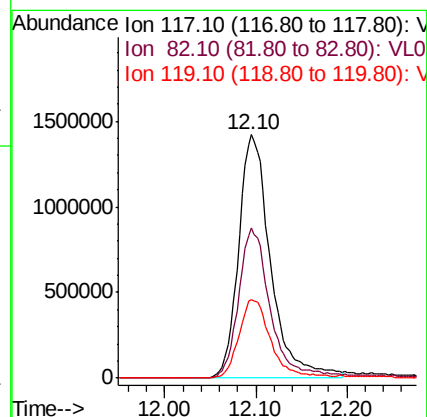
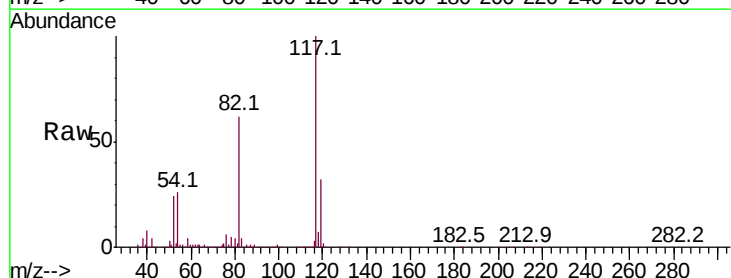
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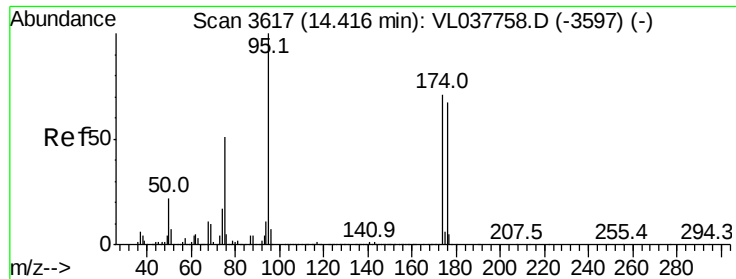
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T.: 0.01 min
 Lab File: VL037921.D
 Acq: 27 Oct 2021 18:21

Tgt Ion:117 Resp: 3470516
 Ion Ratio Lower Upper
 117 100
 82 63.5 52.2 78.2
 119 33.4 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.311 ppbv

RT: 14.43

Delta R.T

Lab File: ClientSampleId :

Acq: 27 Oct 2021 10:21

Tot Ion:

Ion Ratio

95 100

174 77.

175 5.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 10/29/2021

