

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102021\
 Data File : VL037882.D
 Acq On : 20 Oct 2021 11:28
 Operator : SY/AP
 Sample : OC102021 CAN 10605
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 QC102021 CAN 10605

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Oct 21 01:44:37 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	5.66	49	1102433	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3173634	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2740174	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1760724	9.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.90%

Target Compounds					Ovalue
9) Propene	3.02	41	11298m	0.145	ppbv
15) Acetone	3.87	43	19650m	0.199	ppbv
20) Methylene Chloride	4.34	84	117019m	2.340	ppbv
26) Hexane	5.69	57	37442m	0.274	ppbv

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

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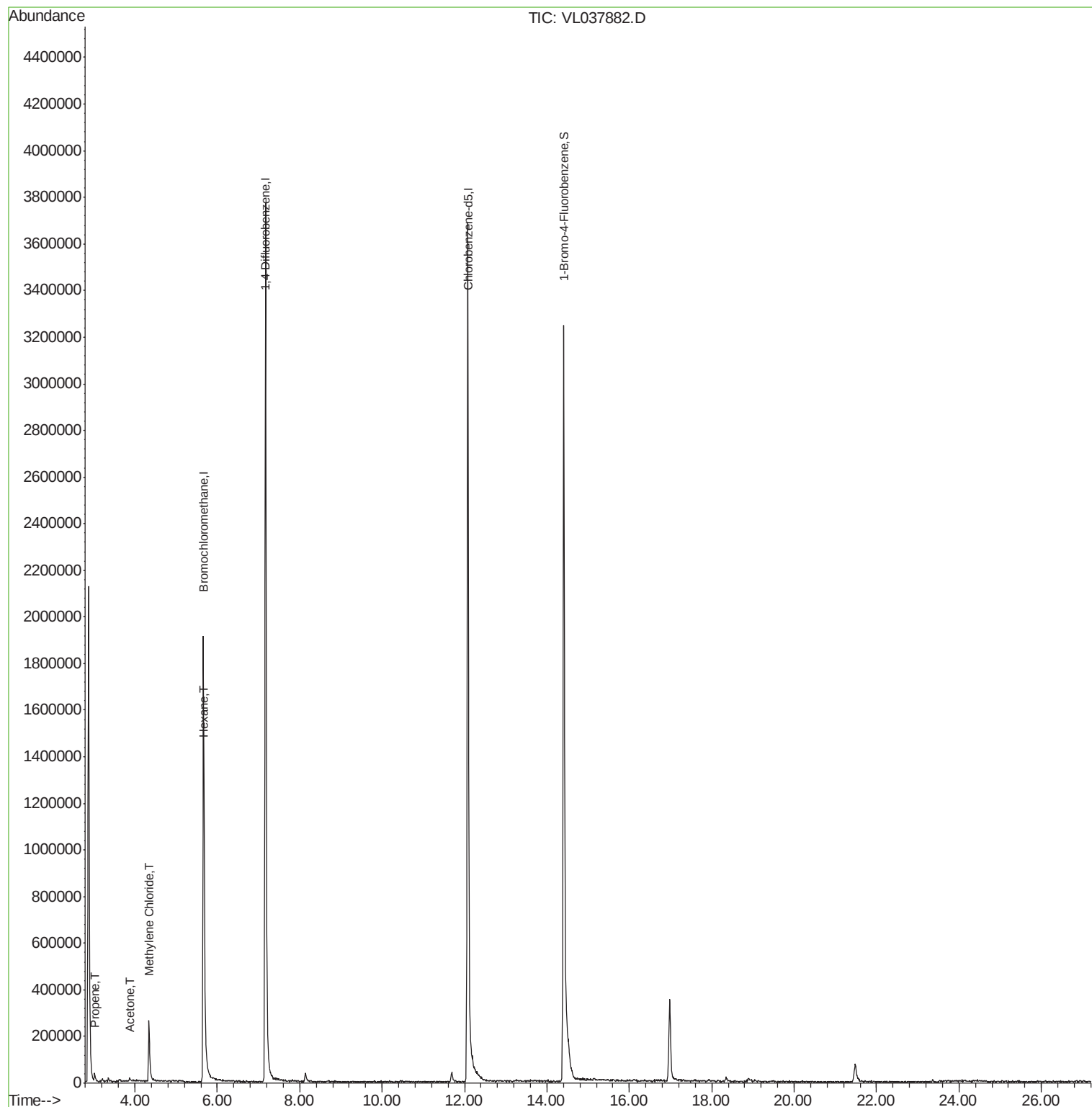
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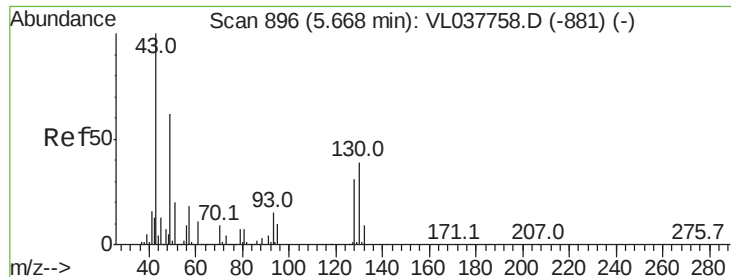
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Oct 04 17:43:54 2021

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 11:28

Tot Ion:

Ion Ratio

49 100

128 53.

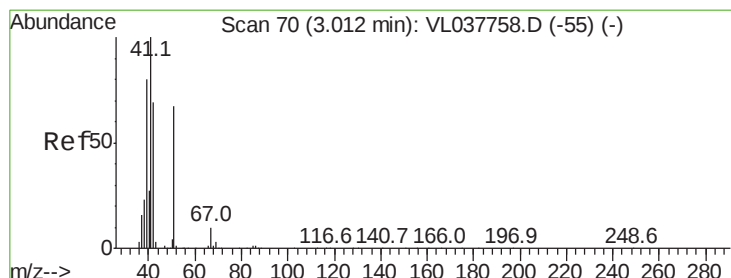
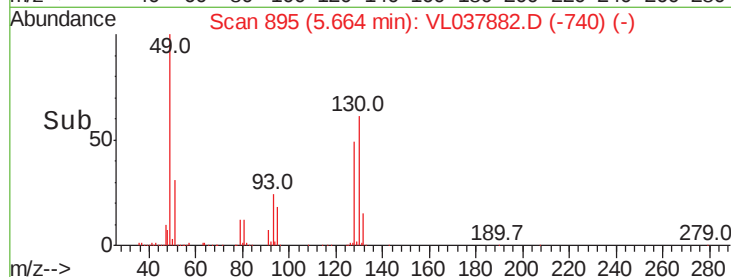
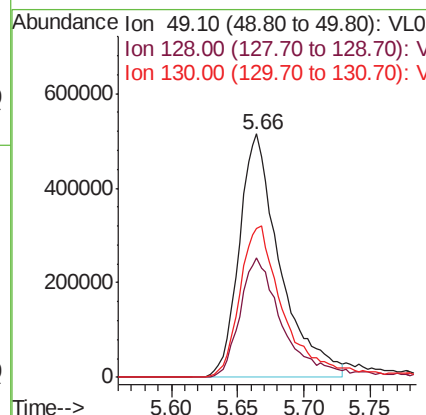
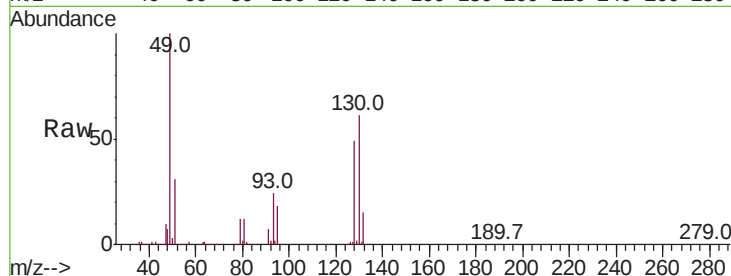
130 69.

Manual Integrations

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#9

Propene

Concen: 0.145 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037882.D

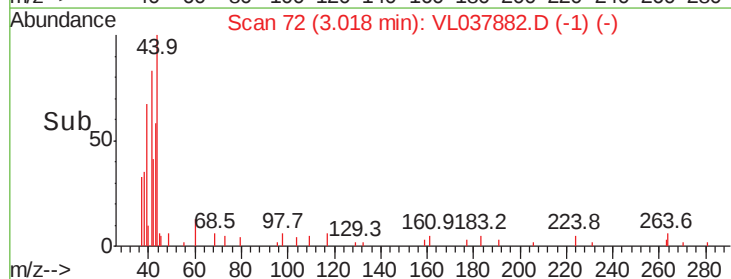
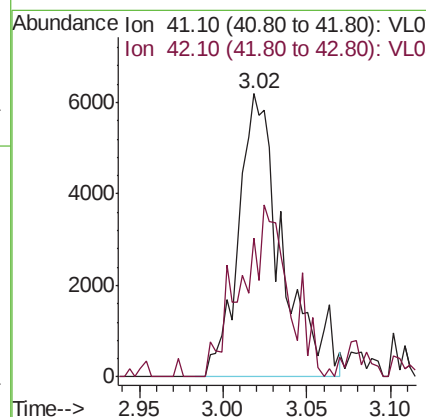
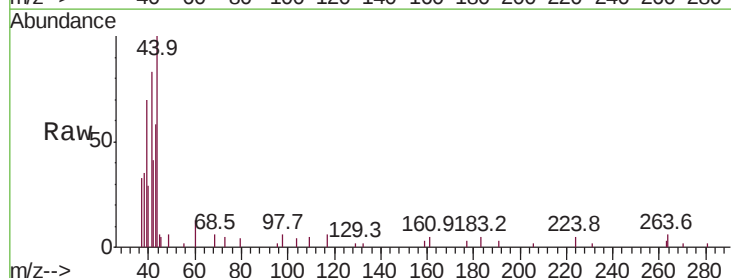
Acq: 20 Oct 2021 11:28

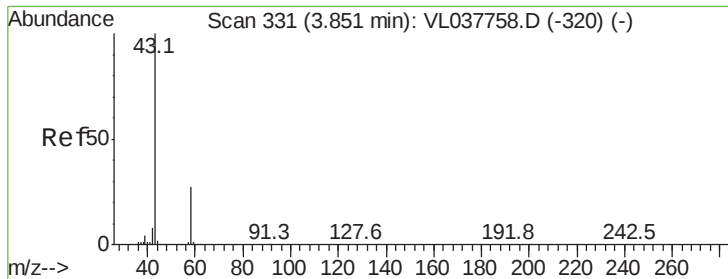
Tgt Ion: 41 Resp: 11298

Ion Ratio Lower Upper

41 100

42 0.0 54.2 81.2#



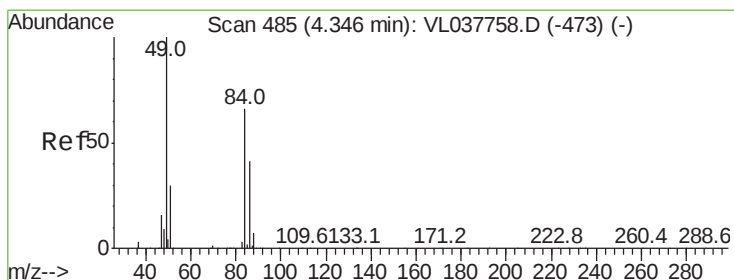
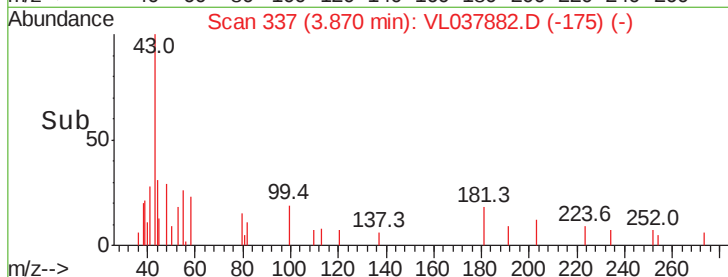
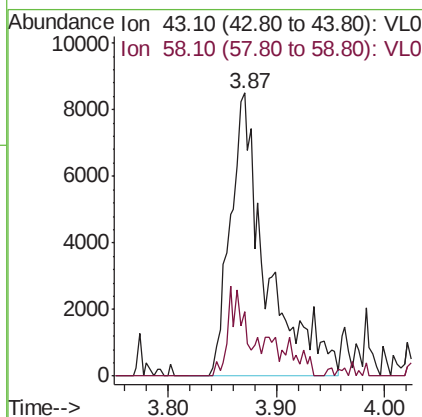
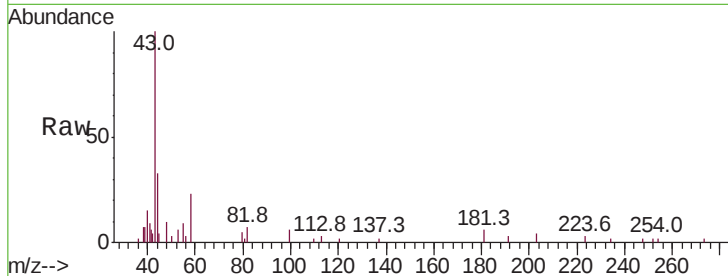


#15
Acetone
Concen: 0.199 ppbv m
RT: 3.87
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 11:28

Tot Ion:
Ion Ratio
43 100
58 27.

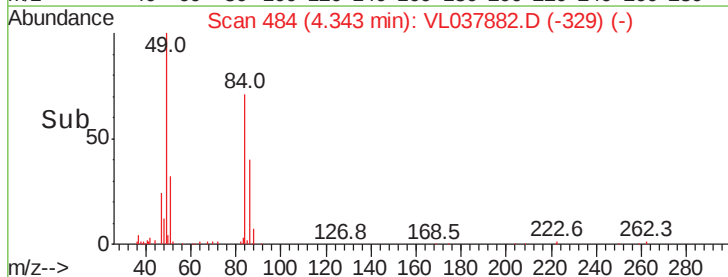
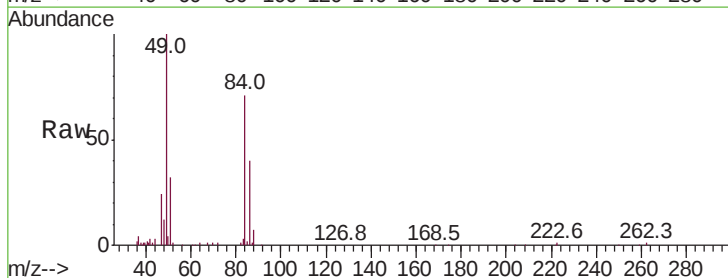
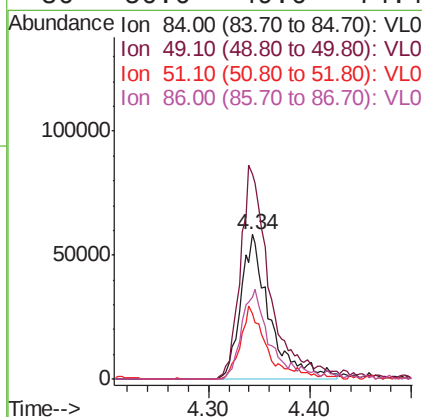
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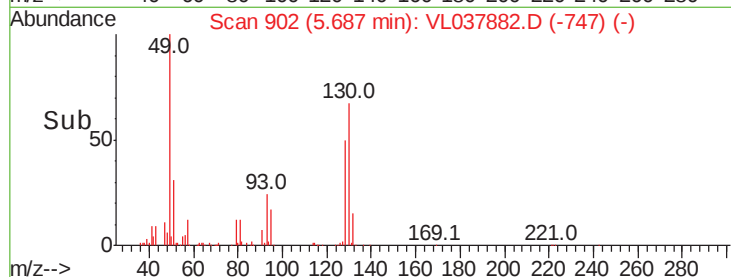
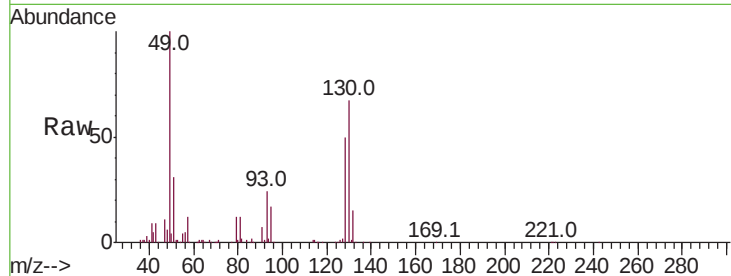
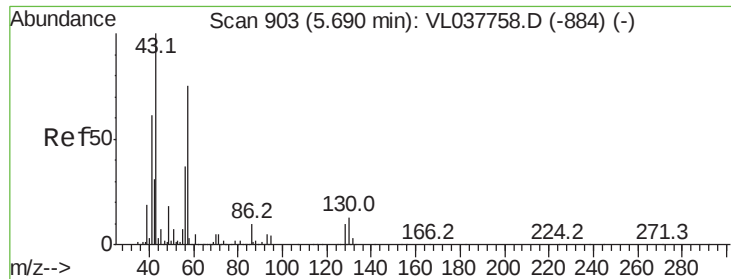
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#20
Methylene Chloride
Concen: 2.340 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL037882.D
Acq: 20 Oct 2021 11:28

Tgt Ion: 84 Resp: 117019
Ion Ratio Lower Upper
84 100
49 141.3 120.7 181.1
51 45.3 36.2 54.4
86 56.6 49.6 74.4



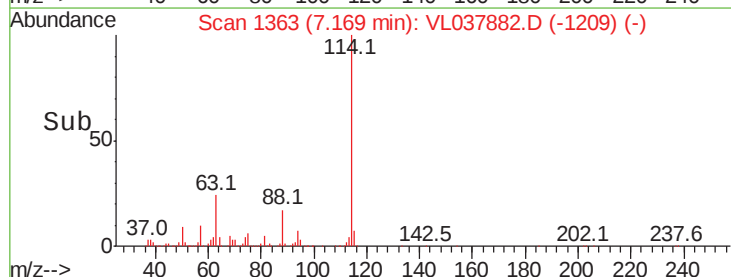
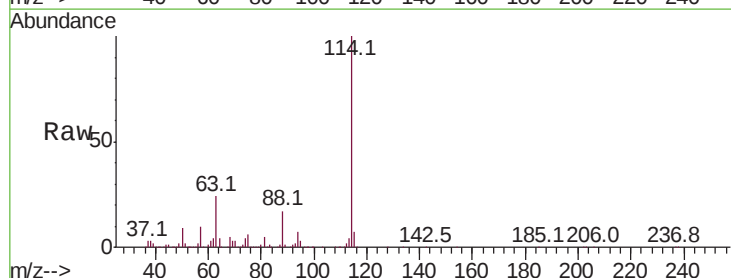
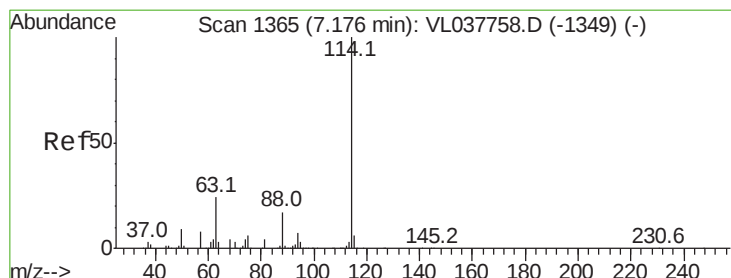
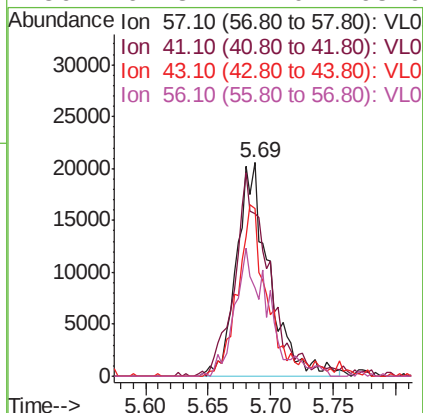


#26
Hexane
Concen: 0.274 ppbv m
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: QC102021 CAN 10605
Acq: 20 Oct 2021 11:28

Tot Ion:
Ion Ratio
57 100
41 102.
43 77.
56 62.3 42.0 63.0

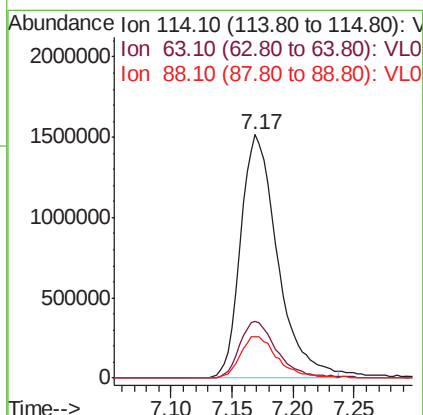
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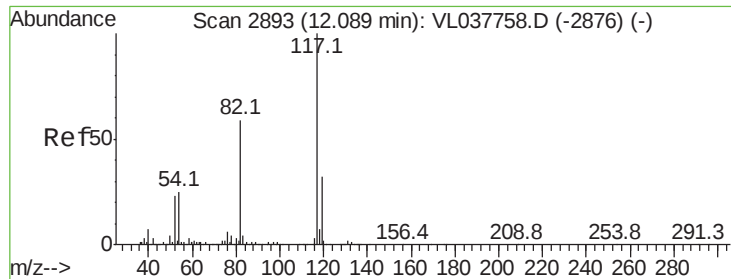
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL037882.D
Acq: 20 Oct 2021 11:28

Tgt Ion:114 Resp: 3173634
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.2
88 17.8 14.4 21.6



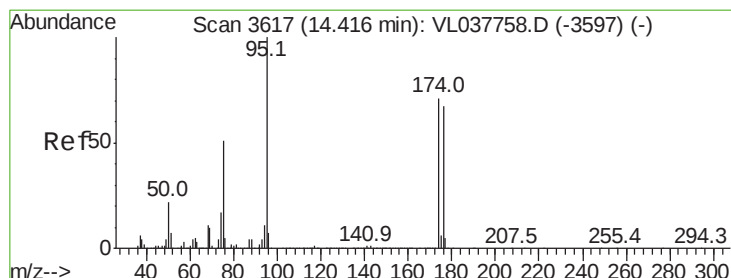
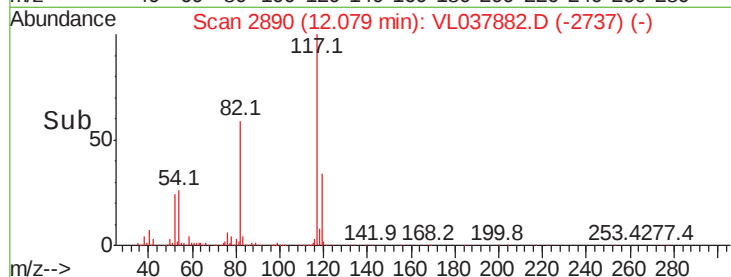
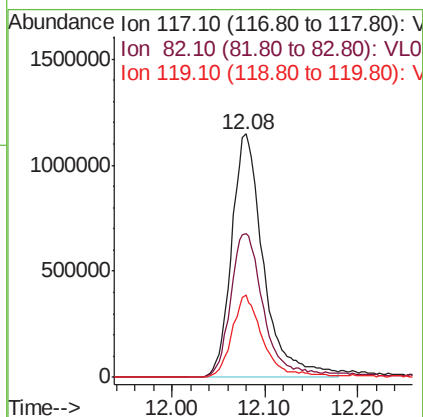
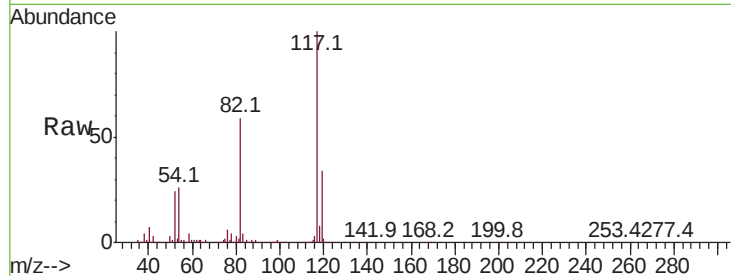


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 11:28

Tot Ion: 1
Ion Ratio
117 100
82 64.
119 33.

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.189 ppbv
RT: 14.41 min Scan# 3614
Delta R.T.: -0.01 min
Lab File: VL037882.D
Acq: 20 Oct 2021 11:28

Tgt Ion: 95 Resp: 1760724
Ion Ratio Lower Upper
95 100
174 79.3 57.8 86.6
175 5.3 4.7 7.1

