

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038117.D
 Acq On : 24 Nov 2021 2:21
 Operator : SY/AP
 Sample : M4805-11 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-CURVY-BRIDE

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 05:21:38 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	5.65	49	848827	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2366431	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2049864	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1696810	11.48	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	17442m	0.266	ppbv	
13) Ethanol	3.60	45	519791	81.932	ppbv	91
15) Acetone	3.84	43	724067	9.839	ppbv	96
19) Isopropyl Alcohol	3.96	45	685329	12.888	ppbv #	97
20) Methylene Chloride	4.34	84	203230	4.930	ppbv	98
26) Hexane	5.67	57	117797	0.999	ppbv #	46
34) 2-Butanone	5.24	43	12717m	0.133	ppbv	
52) Tetrachloroethene	11.22	164	9103318	104.224	ppbv	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112321\
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Quant Time: Nov 26 05:21:38 2021

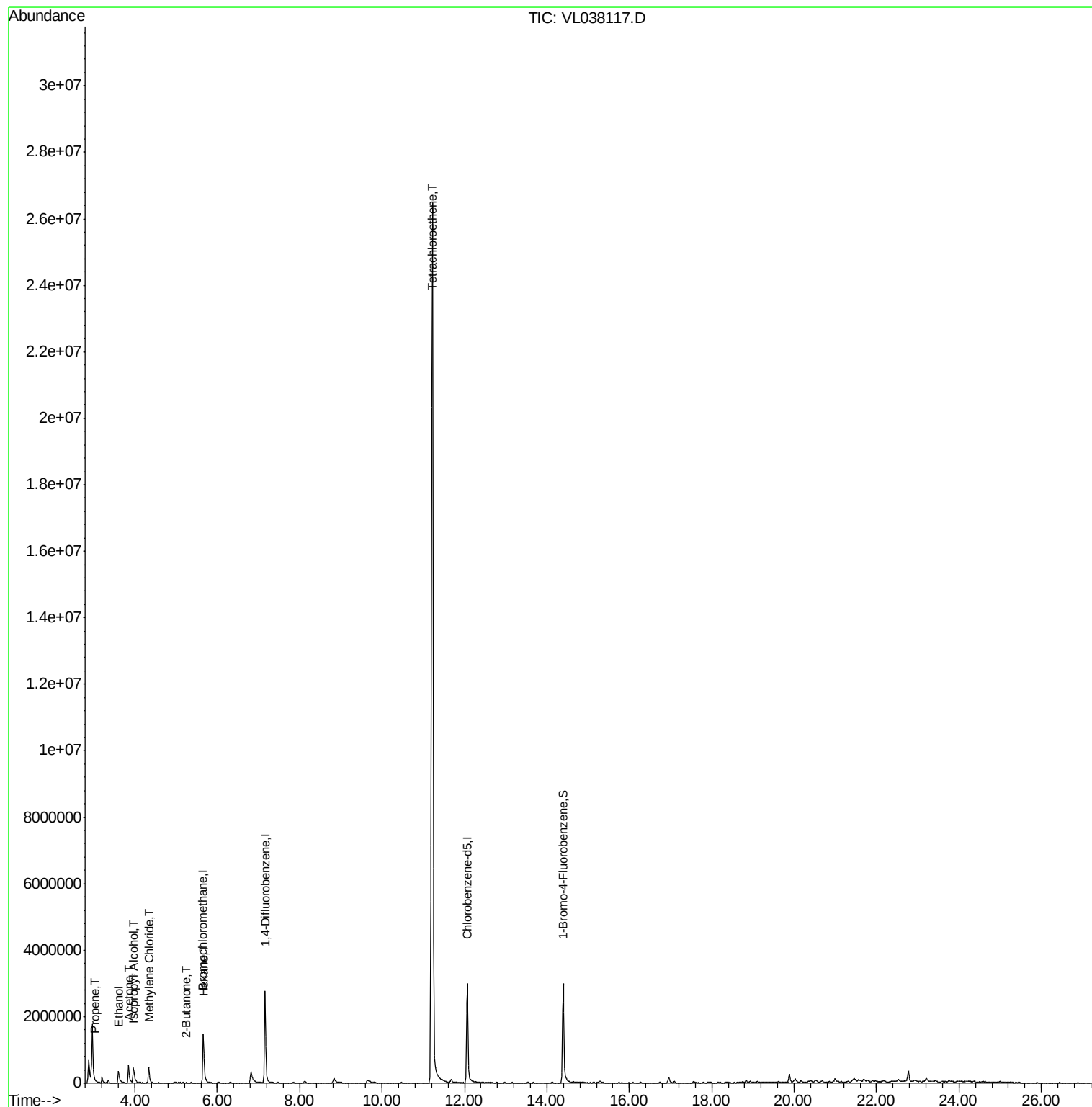
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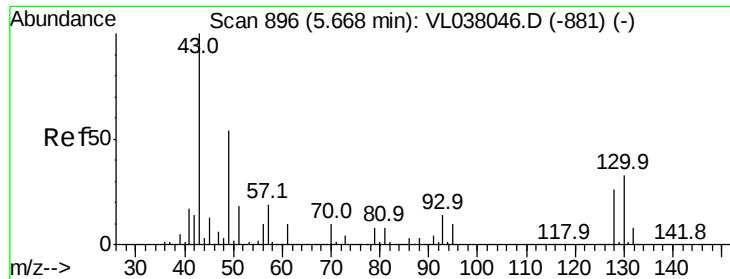
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu Nov 18 13:16:09 2021

Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 11/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: SG-CURVY-BRIDE

Acq: 24 Nov 2021 2:21

Tot Ion:

Ion Ratio

49 100

128 47.

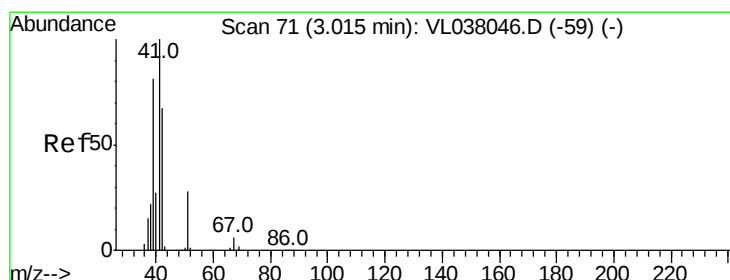
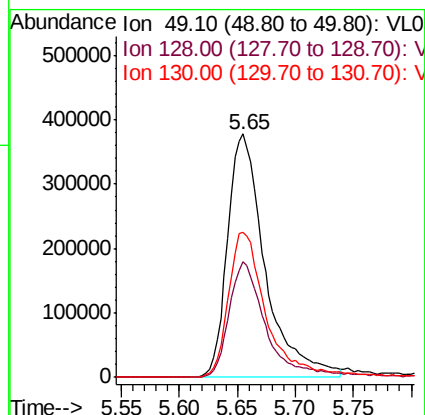
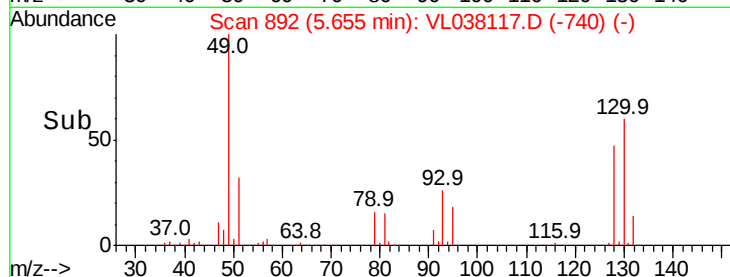
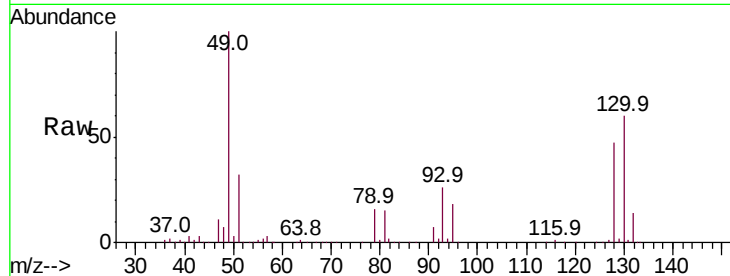
130 61.

Manual Integrations

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#9

Propene

Concen: 0.266 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL038117.D

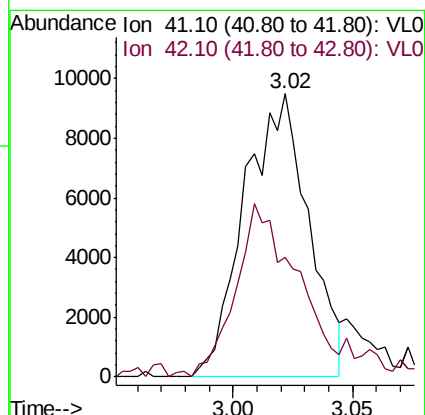
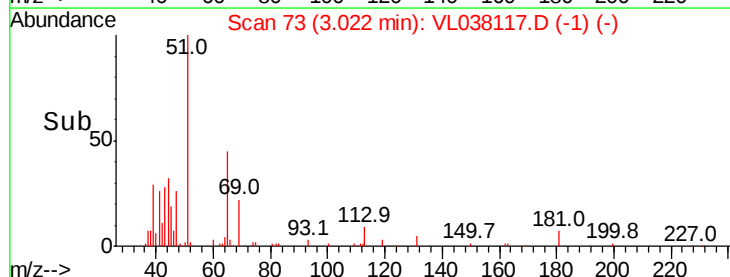
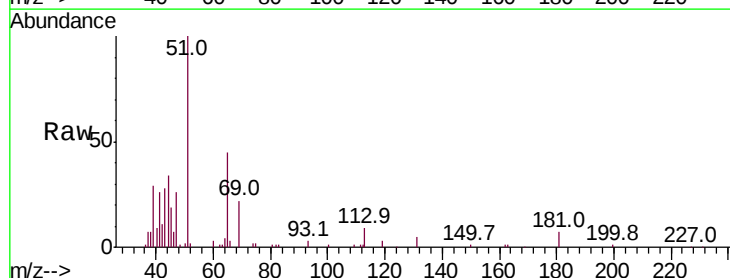
Acq: 24 Nov 2021 2:21

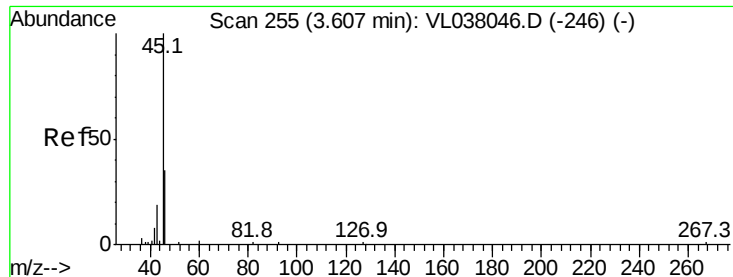
Tgt Ion: 41 Resp: 17442

Ion Ratio Lower Upper

41 100

42 269.8 53.8 80.8#



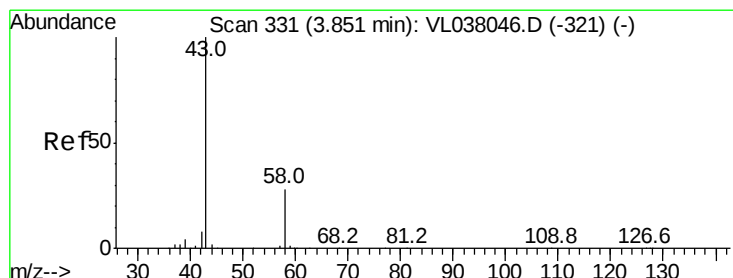
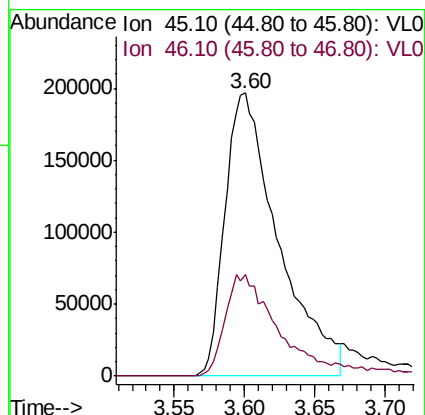
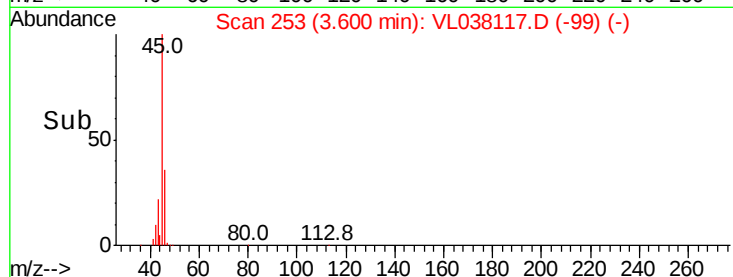
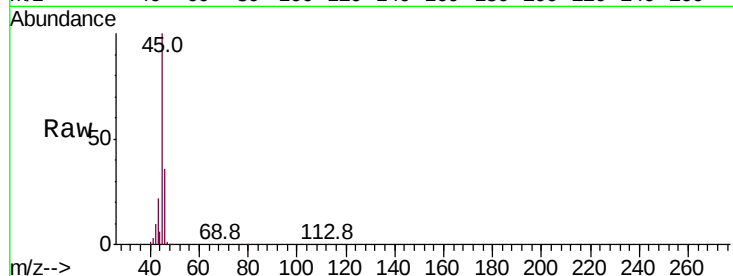


#13
Ethanol
Concen: 81.932 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Nov 2021 2:21 SG-CURVY-BRIDE

Tot Ion:
Ion Ratio
45 100
46 38.

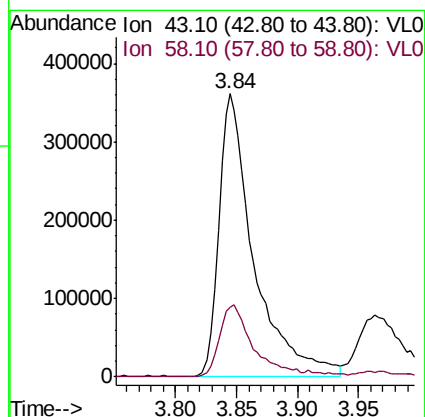
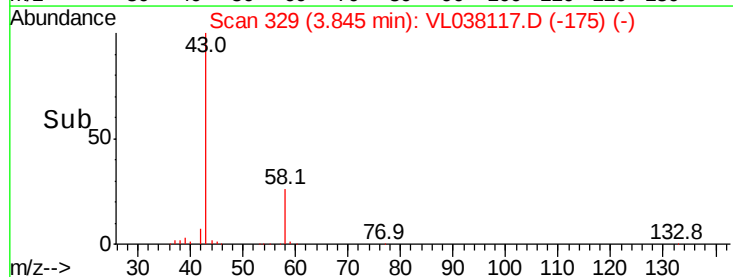
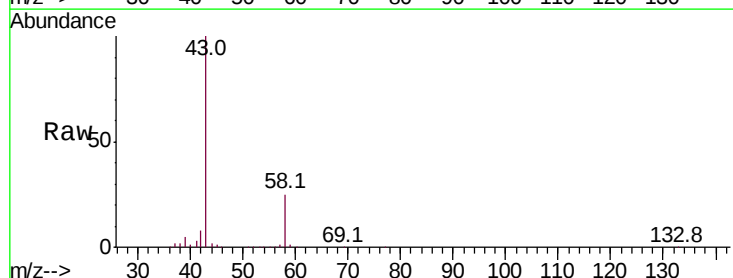
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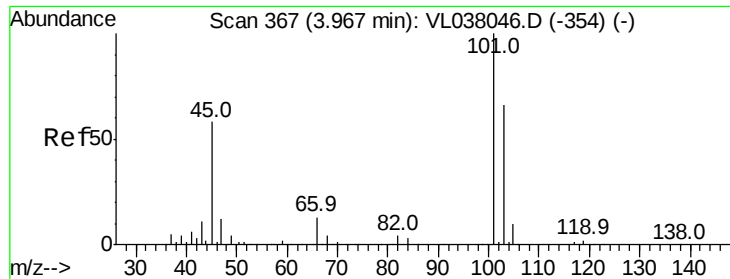
Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#15
Acetone
Concen: 9.839 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL038117.D
Acq: 24 Nov 2021 2:21

Tgt Ion: 43 Resp: 724067
Ion Ratio Lower Upper
43 100
58 25.9 22.4 33.6



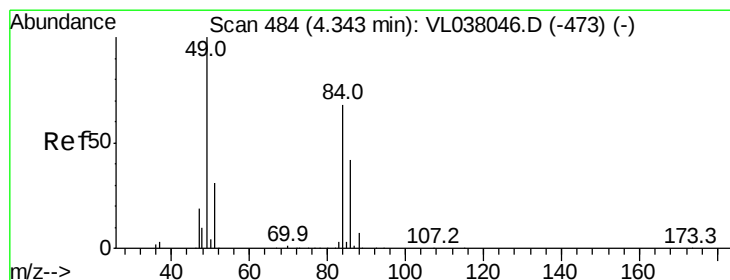
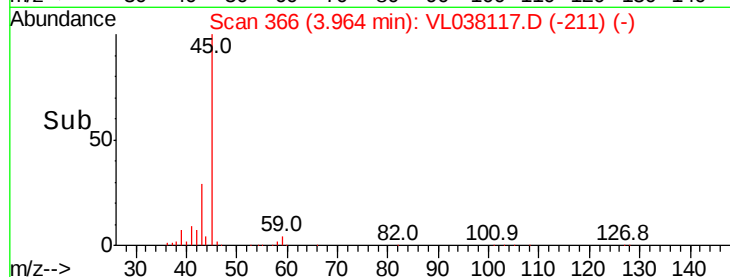
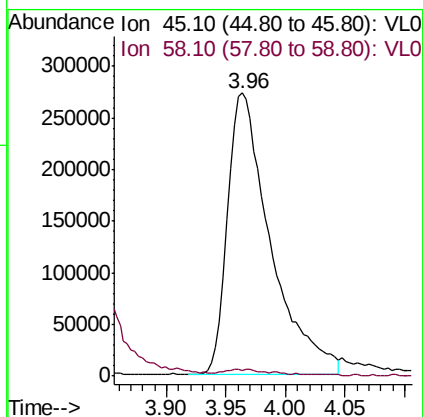
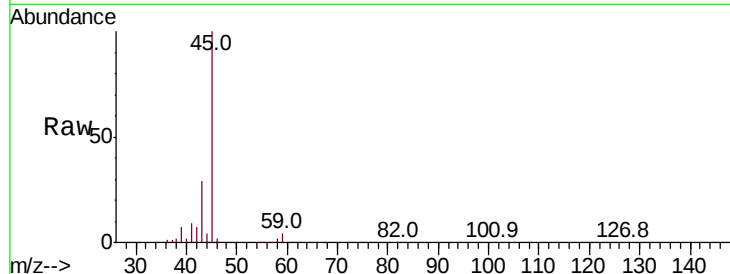


#19
Isopropyl Alcohol
Concen: 12.888 ppbv
RT: 3.96
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SG-CURVY-BRIDE
Acq: 24 Nov 2021 2:21

Tot Ion:
Ion Ratio
45 100
58 2.

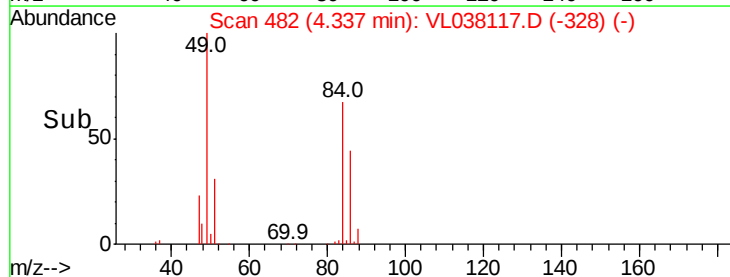
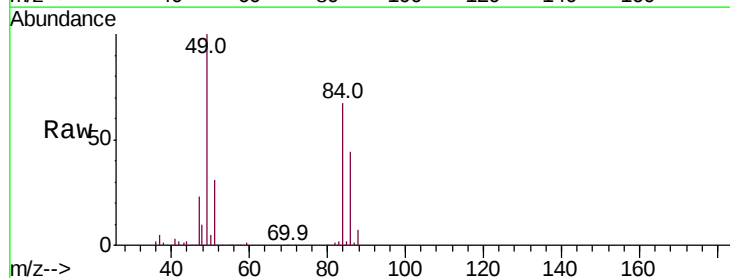
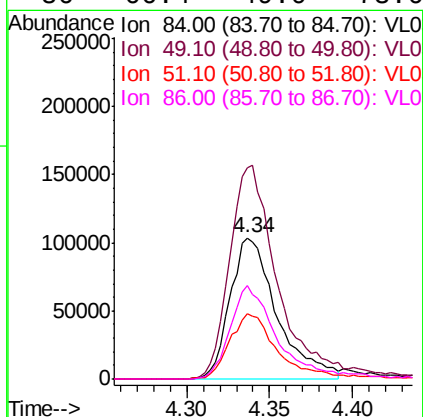
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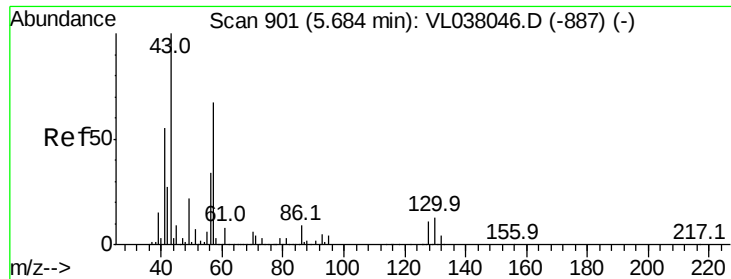
Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#20
Methylene Chloride
Concen: 4.930 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL038117.D
Acq: 24 Nov 2021 2:21

Tgt Ion: 84 Resp: 203230
Ion Ratio Lower Upper
84 100
49 149.0 118.2 177.2
51 45.9 36.8 55.2
86 66.4 49.0 73.6



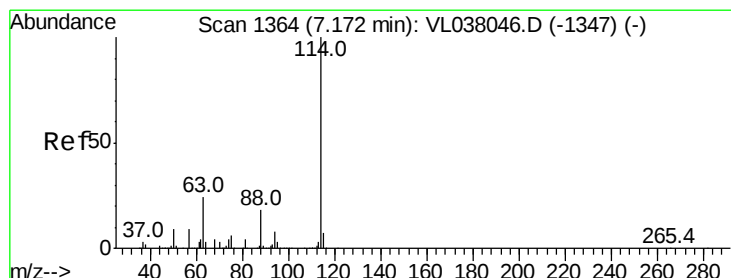
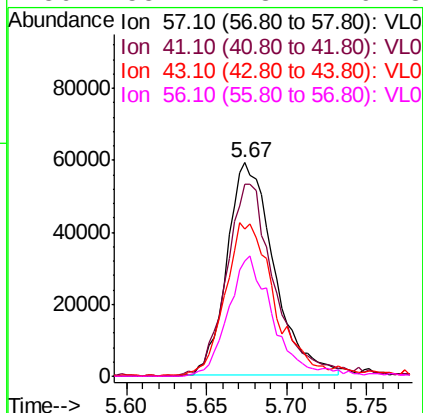
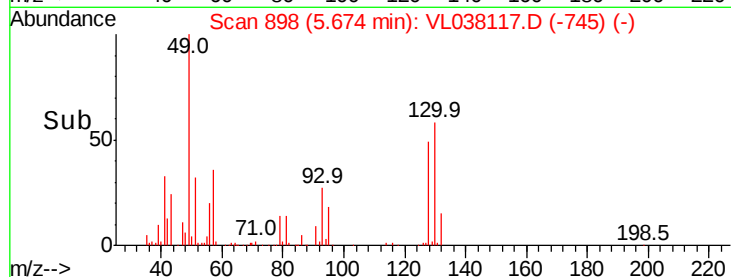
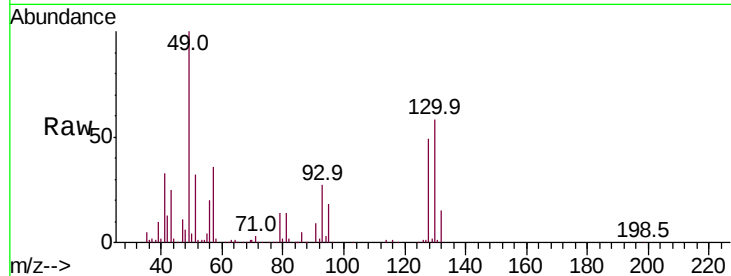


#26
Hexane
Concen: 0.999 ppbv
RT: 5.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Nov 2021 2:21 SG-CURVY-BRIDE

Tot Ion:
Ion Ratio
57 100
41 93.
43 78.
56 55.1 43.2 64.8

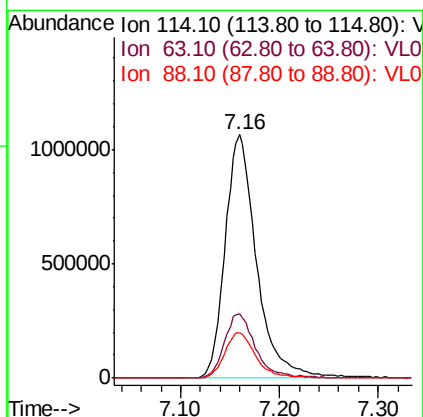
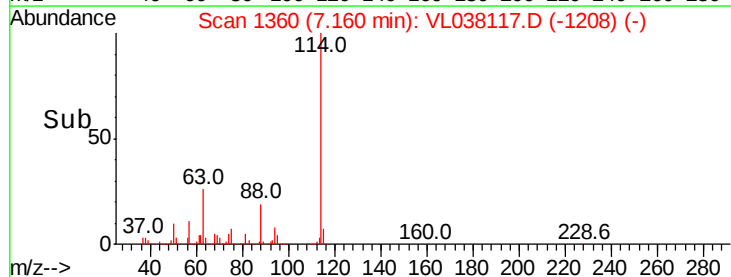
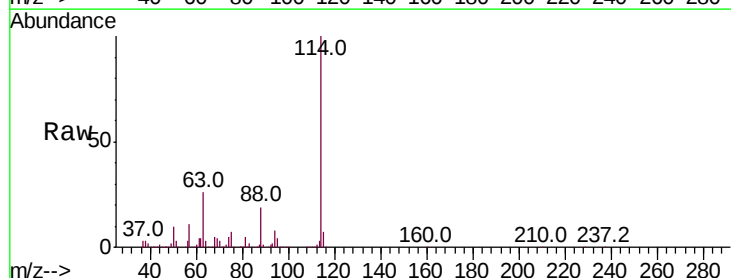
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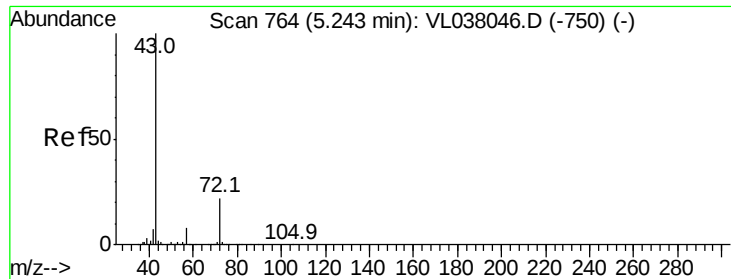
Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL038117.D
Acq: 24 Nov 2021 2:21

Tgt Ion:114 Resp: 2366431
Ion Ratio Lower Upper
114 100
63 26.7 19.7 29.5
88 18.9 14.4 21.6



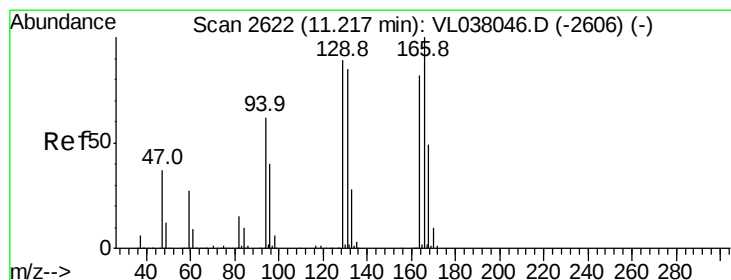
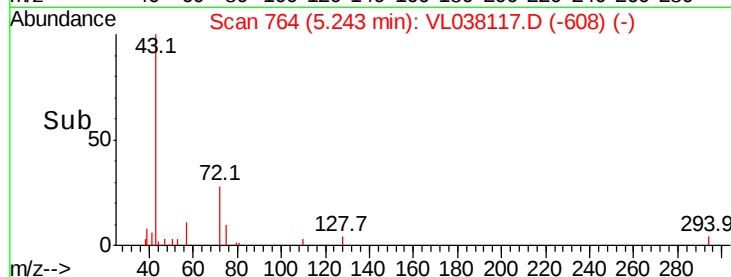
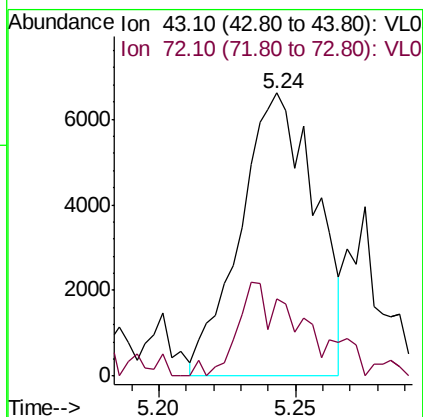
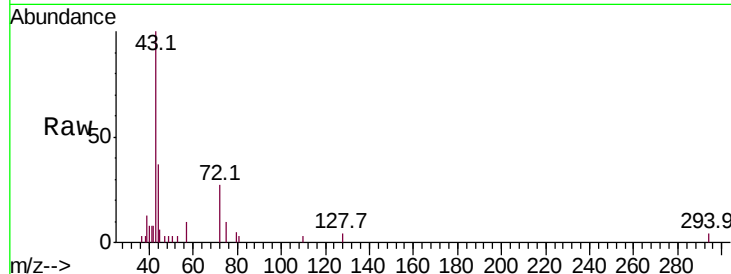


#34
2-Butanone
Concen: 0.133 ppbv m
RT: 5.24
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
SG-CURVY-BRIDE
Acq: 24 Nov 2021 2:21

Tot Ion:
Ion Ratio
43 100
72 30.

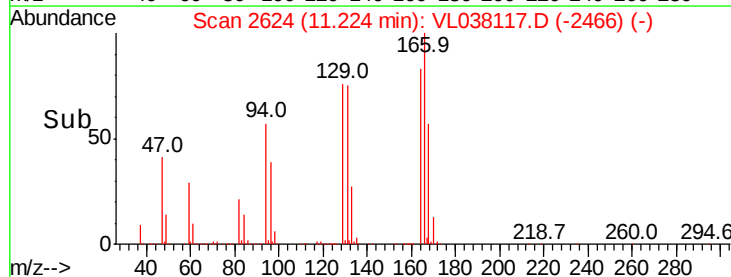
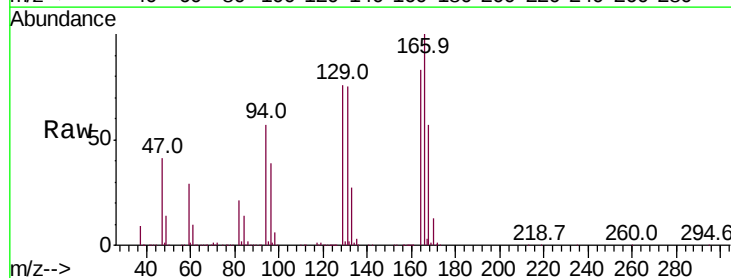
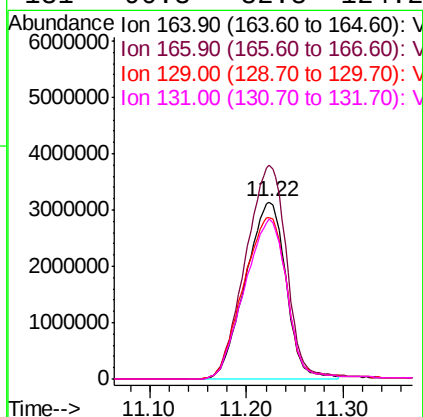
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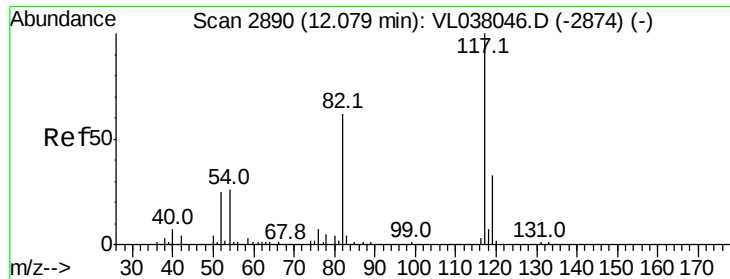
Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#52
Tetrachloroethene
Concen: 104.224 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.01 min
Lab File: VL038117.D
Acq: 24 Nov 2021 2:21

Tgt Ion:164 Resp: 9103318
Ion Ratio Lower Upper
164 100
166 120.7 97.2 145.8
129 91.3 86.9 130.3
131 90.3 82.8 124.2



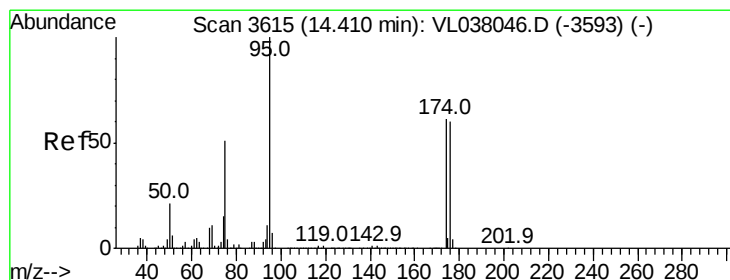
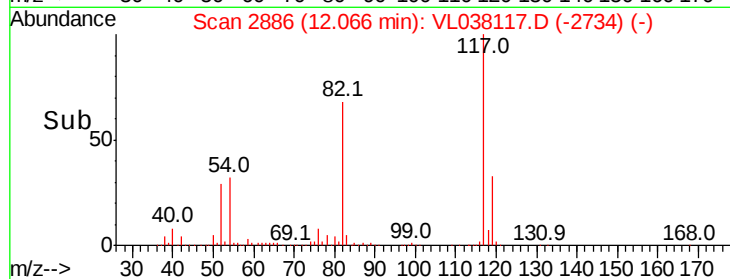
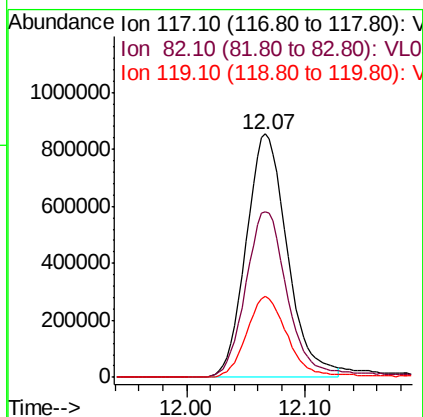
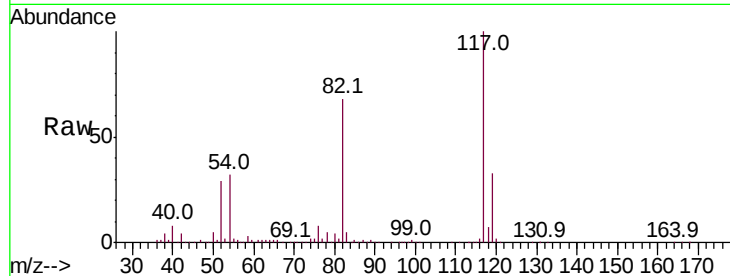


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SG-CURVY-BRIDE
Acq: 24 Nov 2021 2:21

Tot Ion: 1
Ion Ratio
117 100
82 72.
119 34.

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 11.476 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL038117.D
Acq: 24 Nov 2021 2:21

Tgt Ion: 95 Resp: 1696810
Ion Ratio Lower Upper
95 100
174 60.1 53.1 79.7
175 4.4 4.0 6.0

