

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
 Data File : VL038176.D
 Acq On : 14 Dec 2021 21:22
 Operator : SY/AP
 Sample : M5075-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-DSWDL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/16/2021

Quant Time: Dec 15 06:46:34 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	5.63	49	1060189	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2754720	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.03	117	2406236	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.36	95	1875964	10.81	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	18731m	2.364	ppbv	
15) Acetone	3.83	43	61366m	0.668	ppbv	
19) Isopropyl Alcohol	3.97	45	8514m	0.128	ppbv	
20) Methylene Chloride	4.31	84	79101	1.536	ppbv	97
26) Hexane	5.65	57	55707	0.378	ppbv #	45
61) Styrene	13.47	104	750956	4.510	ppbv	93

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

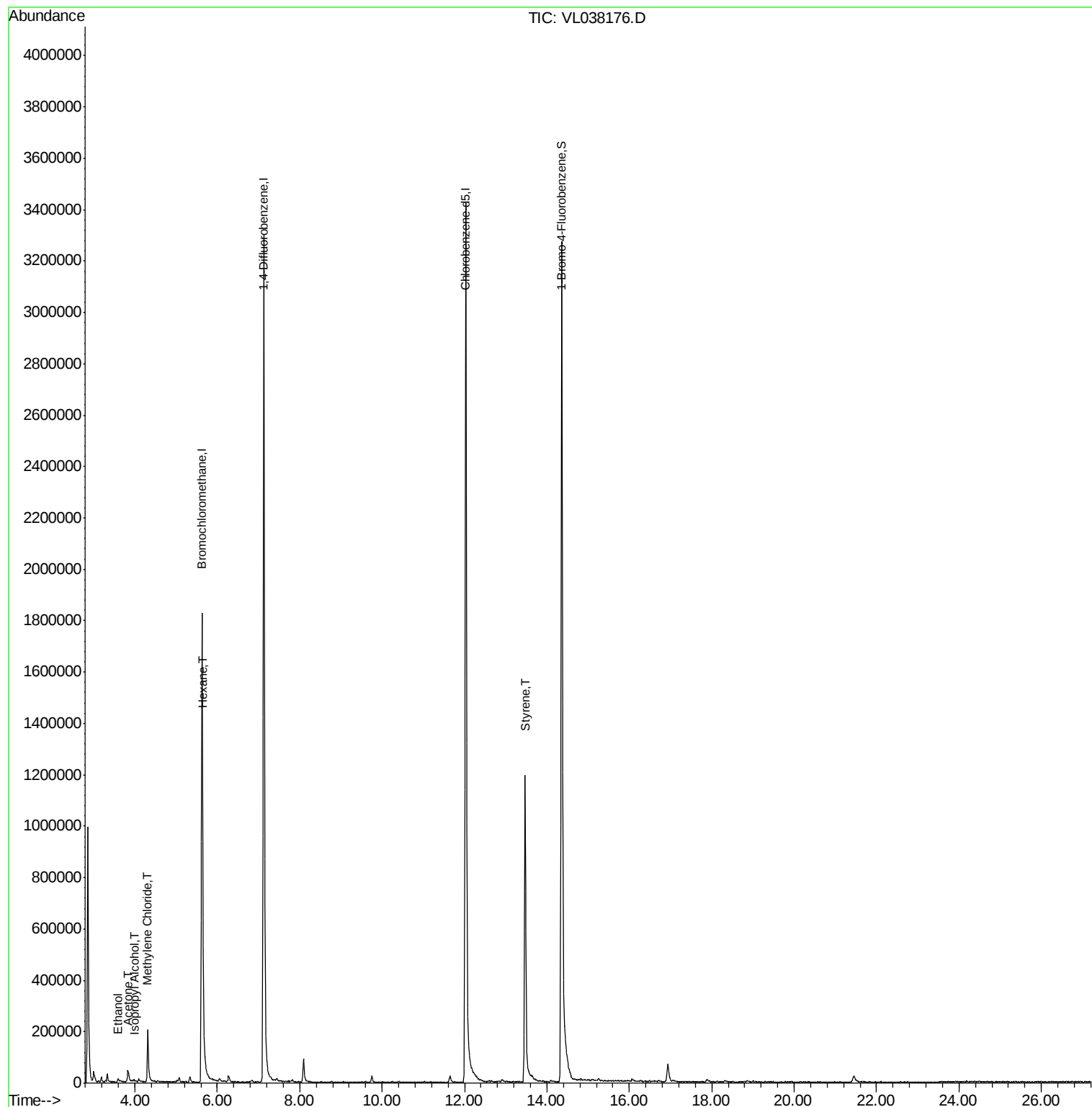
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121421\
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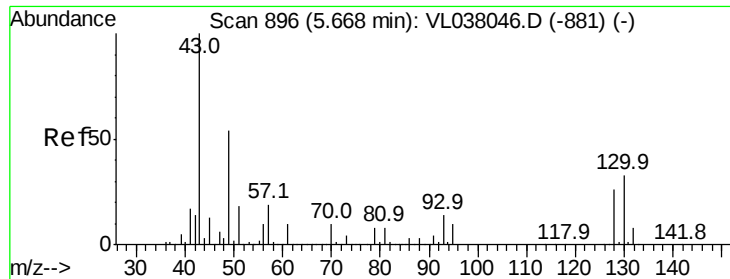
Instrument :
MSVOA_L
ClientSampleId :
AA-DSWDL

Quant Time: Dec 15 06:46:34 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Dec 2021 21:22

Tot Ion:

Ion Ratio

49 100

128 46.

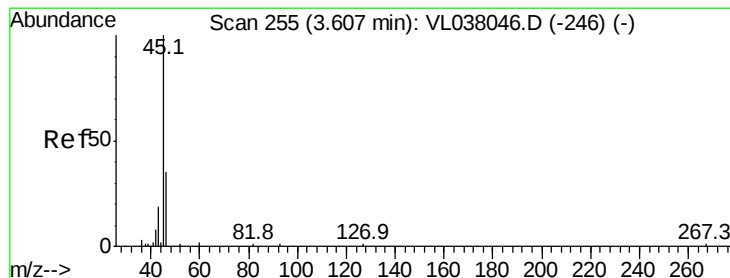
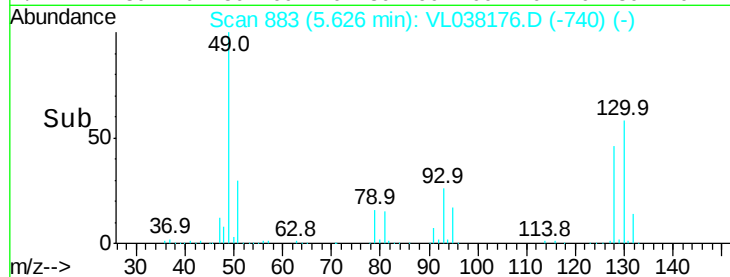
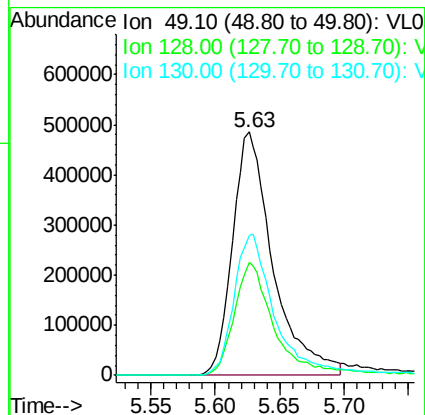
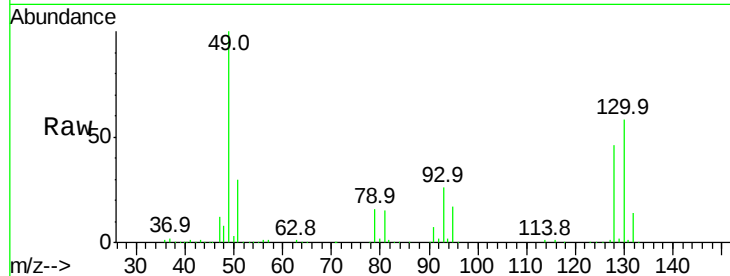
130 60.

Manual Integrations

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#13

Ethanol

Concen: 2.364 ppbv m

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL038176.D

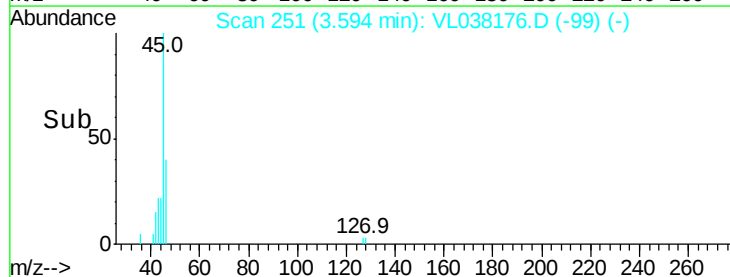
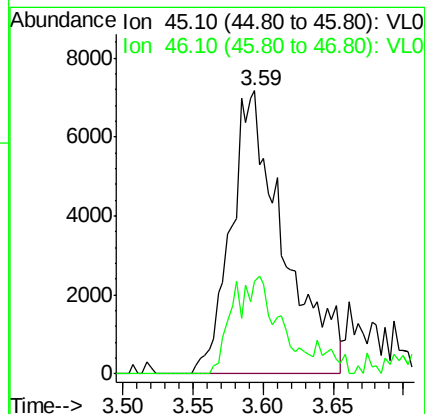
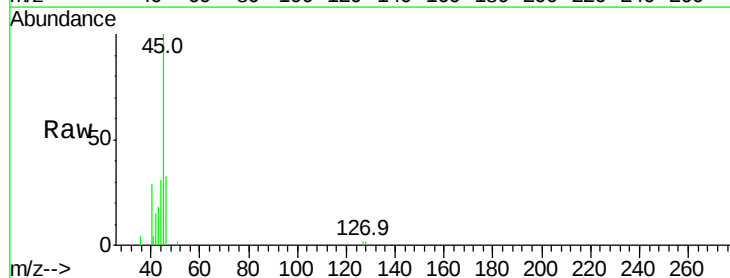
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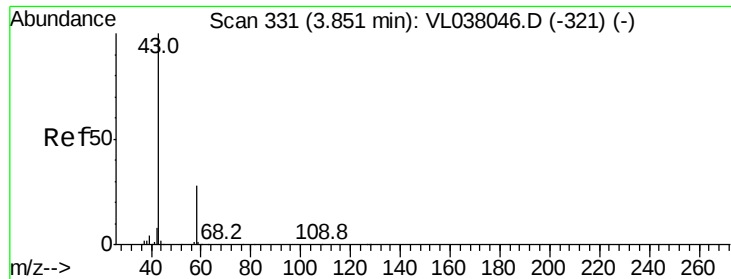
Tgt Ion: 45 Resp: 18731

Ion Ratio Lower Upper

45 100

46 0.0 17.6 70.2#





#15

Acetone

Concen: 0.668 ppbv m

RT: 3.83 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Dec 2021 21:22

Tot Ion:

Ion Ratio

43 100

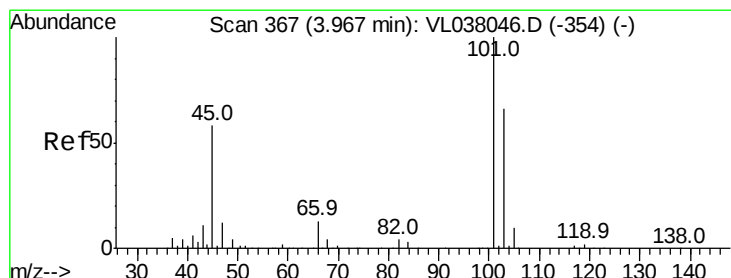
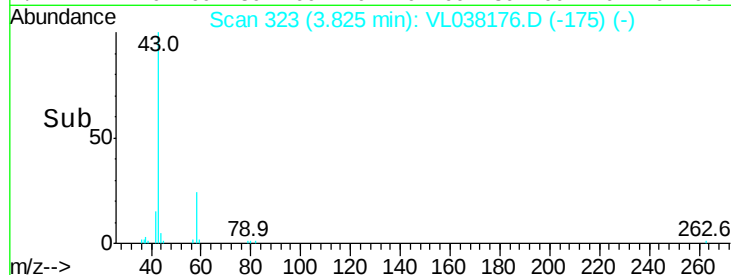
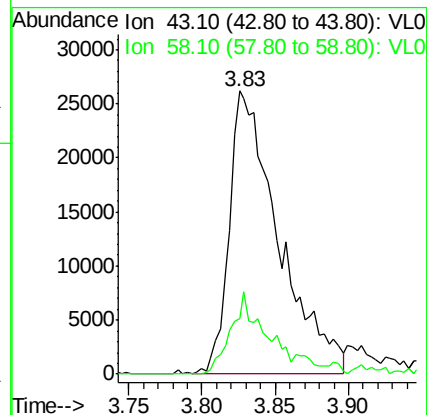
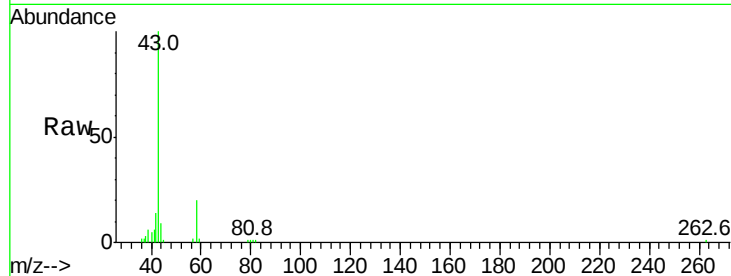
58 23.

Manual Integrations

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#19

Isopropyl Alcohol

Concen: 0.128 ppbv m

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VL038176.D

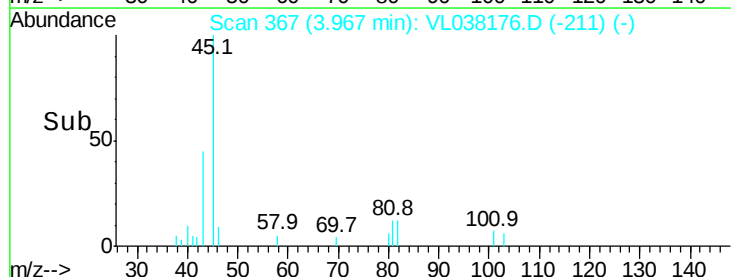
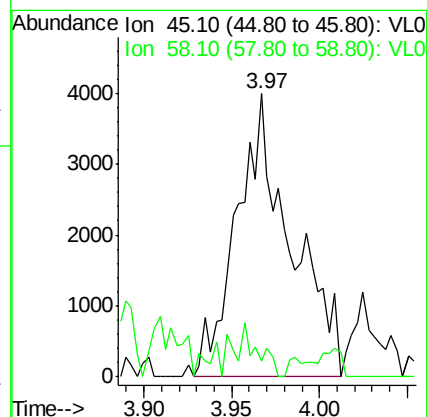
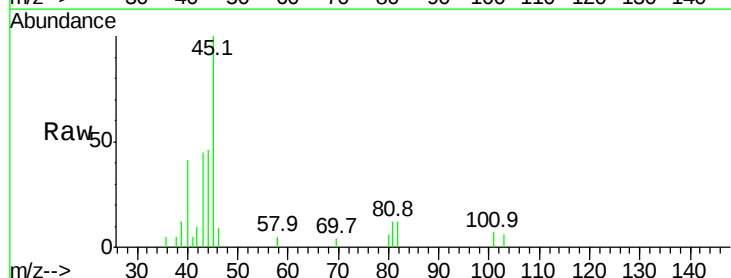
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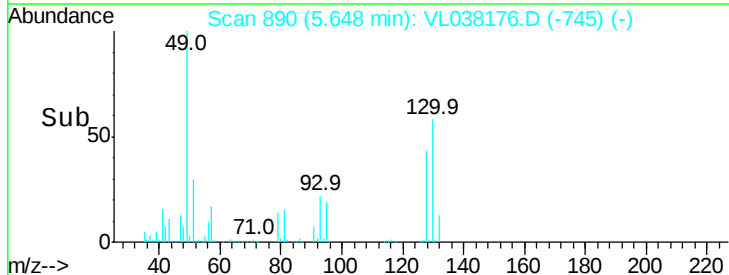
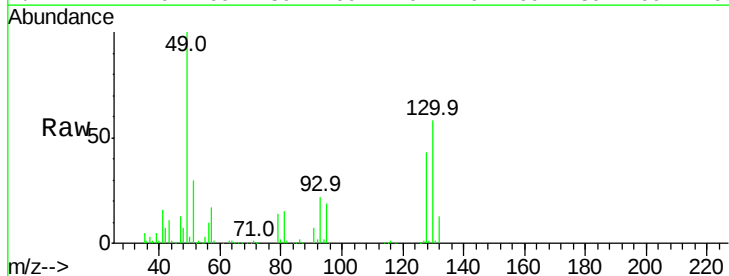
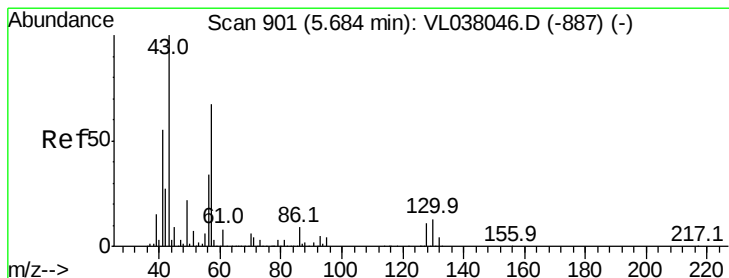
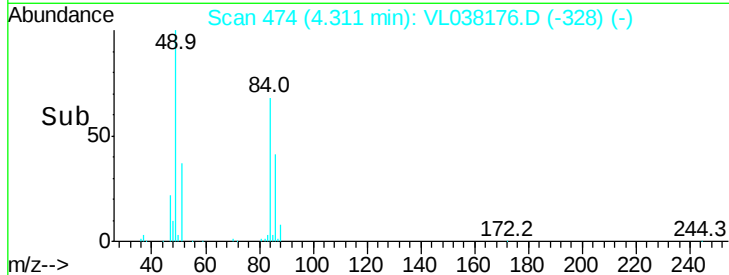
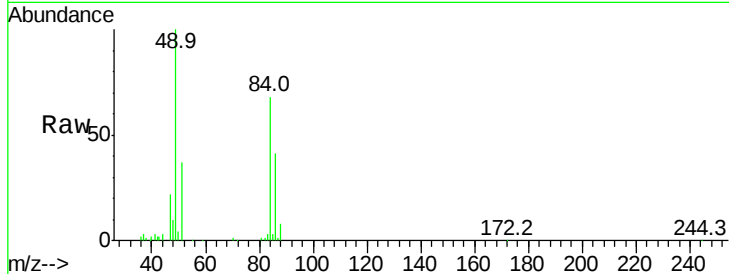
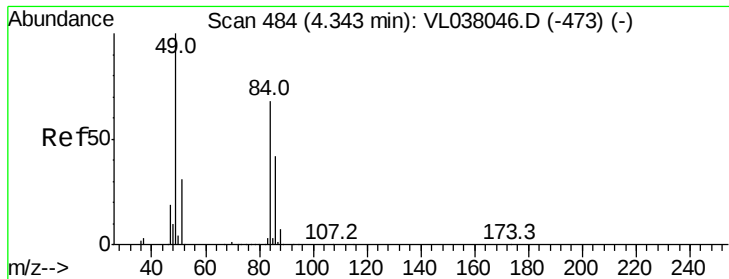
Tgt Ion: 45 Resp: 8514

Ion Ratio Lower Upper

45 100

58 0.0 1.4 2.0#



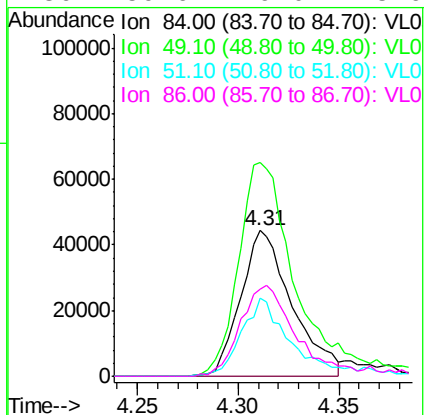


#20
Methvlene Chloride
Concen: 1.536 ppbv
RT: 4.31
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Dec 2021 21:22

Tot Ion:
Ion Ratio
84 100
49 146.
51 54.
86 59.6 49.0 73.6

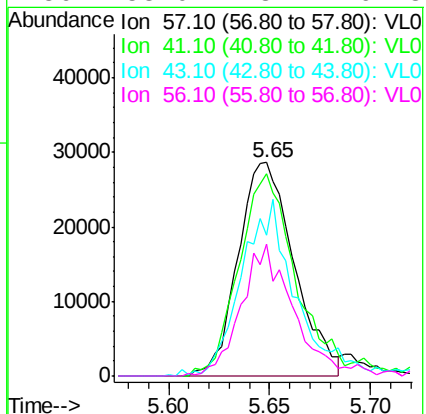
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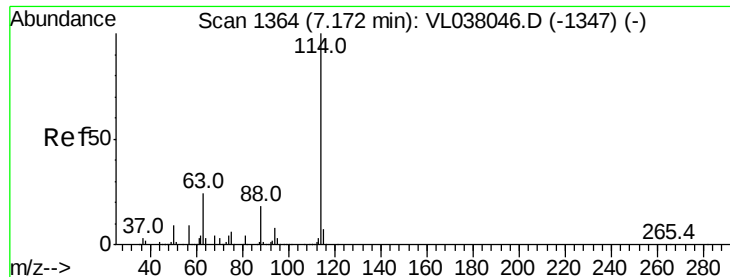
Reviewed By :Amit Patel 12/15/2021
Supervised By :Semsettin Yesilyurt 12/16/2021



#26
Hexane
Concen: 0.378 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.04 min
Lab File: VL038176.D
Acq: 14 Dec 2021 21:22

Tgt Ion: 57 Resp: 55707
Ion Ratio Lower Upper
57 100
41 99.7 71.4 107.2
43 83.1 174.6 261.8#
56 58.0 43.2 64.8



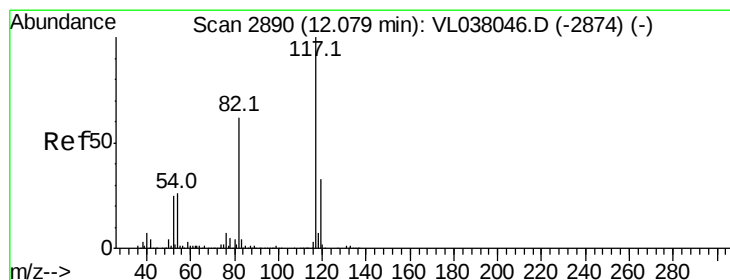
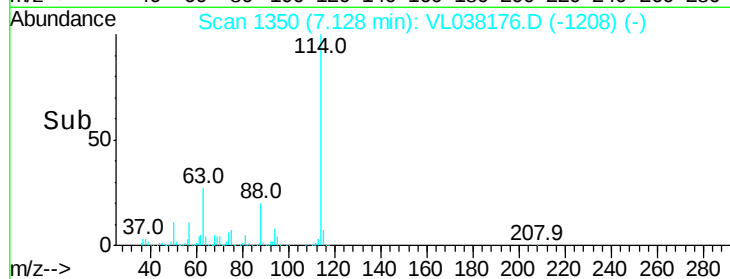
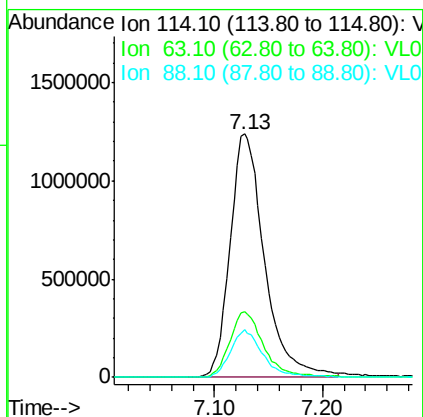
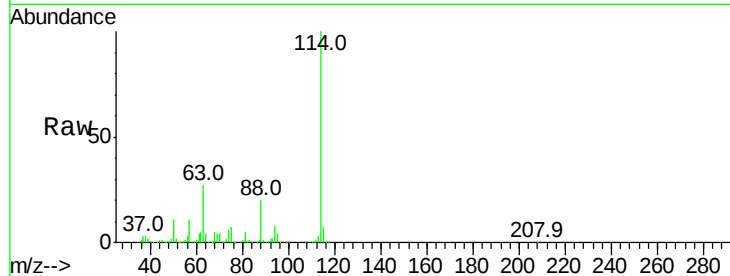


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.13
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 14 Dec 2021 21:22

Tot Ion:1
 Ion Ratio
 114 100
 63 27.
 88 19.

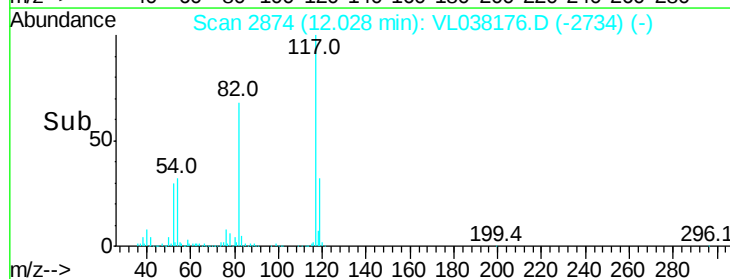
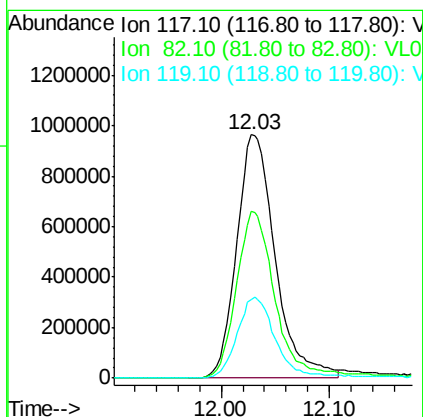
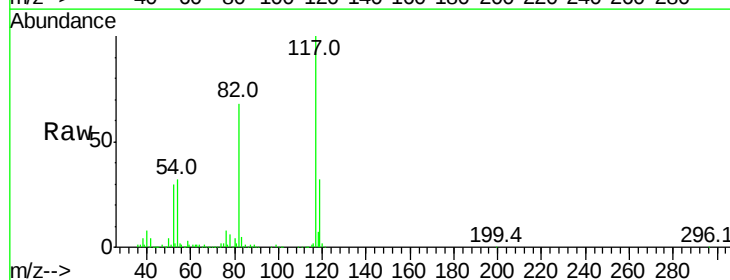
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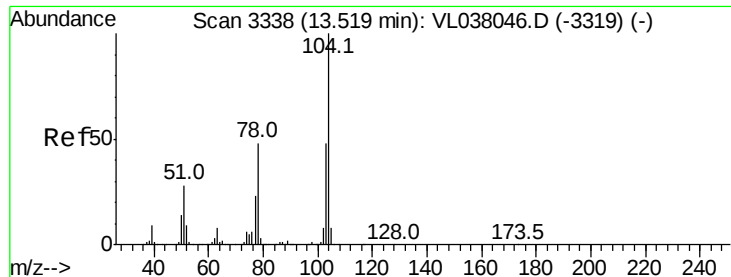
Reviewed By :Amit Patel 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/16/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.03 min Scan# 2874
 Delta R.T. -0.05 min
 Lab File: VL038176.D
 Acq: 14 Dec 2021 21:22

Tgt Ion:117 Resp: 2406236
 Ion Ratio Lower Upper
 117 100
 82 71.9 52.8 79.2
 119 34.4 26.8 40.2



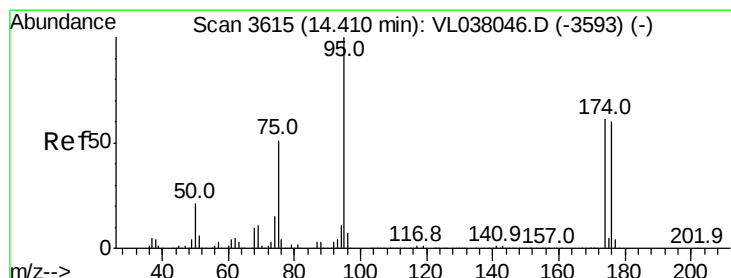
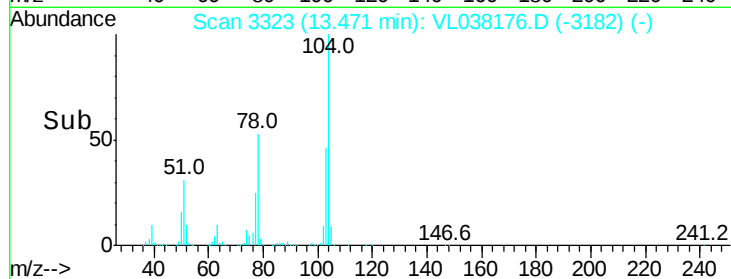
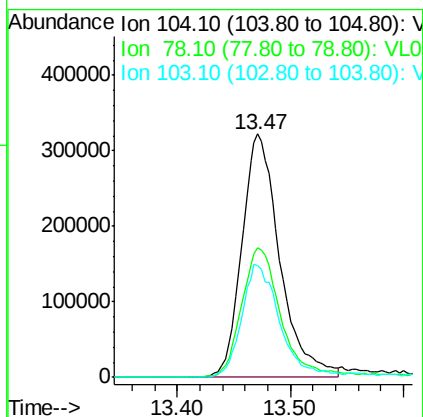
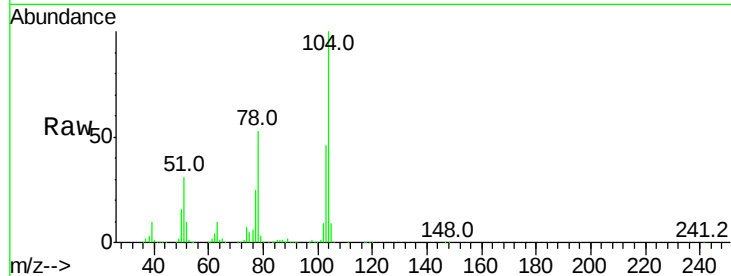


#61
Stvrene
Concen: 4.510 ppbv
RT: 13.47
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Dec 2021 21:22

Tot Ion:1
Ion Rati
104 100
78 58.
103 48.

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.808 ppbv
RT: 14.36 min Scan# 3599
Delta R.T. -0.05 min
Lab File: VL038176.D
Acq: 14 Dec 2021 21:22

Tgt Ion: 95 Resp: 1875964
Ion Ratio Lower Upper
95 100
174 63.6 53.1 79.7
175 4.6 4.0 6.0

