

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038112.D
 Acq On : 23 Nov 2021 23:11
 Operator : SY/AP
 Sample : M4805-12DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-CURVY-BRIDEDL2

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 12:01:10 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	5.66	49	860764	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2435271	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2099307	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1667285	11.01	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	1261268	196.050	ppbv	89
15) Acetone	3.85	43	333773	4.472	ppbv	98
19) Isopropyl Alcohol	3.97	45	417623	7.745	ppbv #	97
25) Ethyl Acetate	5.67	43	60822m	0.245	ppbv	

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

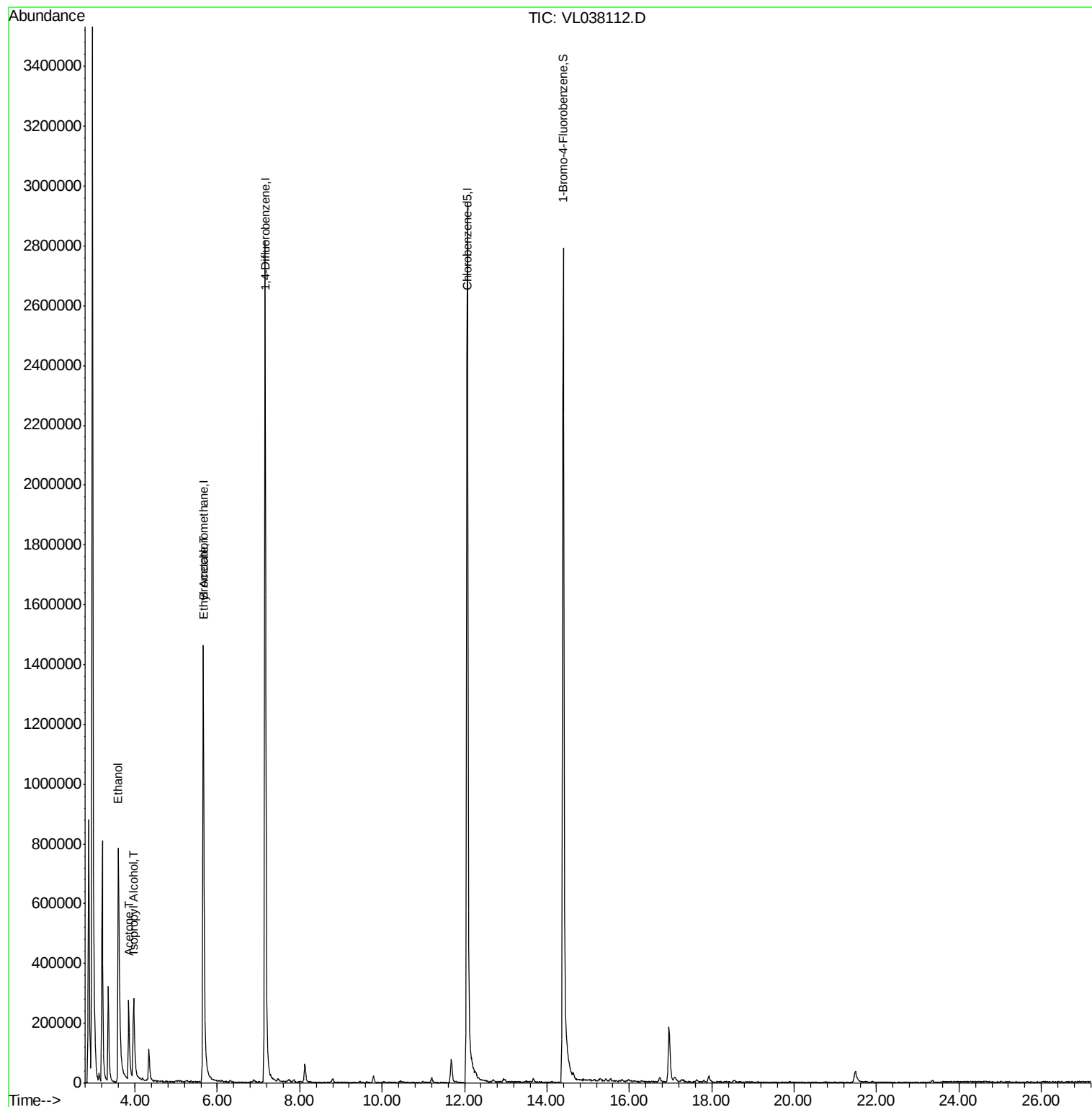
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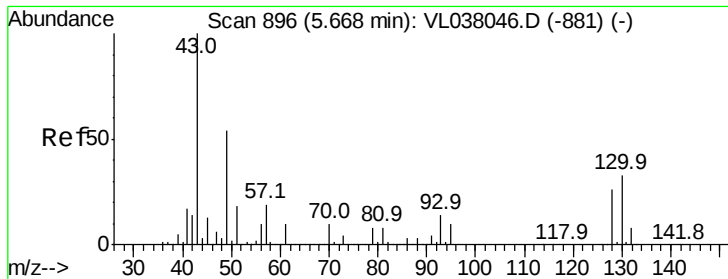
Instrument :
MSVOA_L
ClientSampleId :
IA-CURVY-BRIDEDL2

Quant Time: Nov 28 12:01:10 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821.M
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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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 23:11

Tot Ion:

Ion Ratio

49 100

128 49.

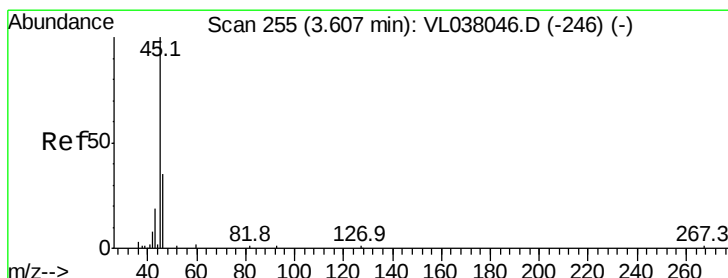
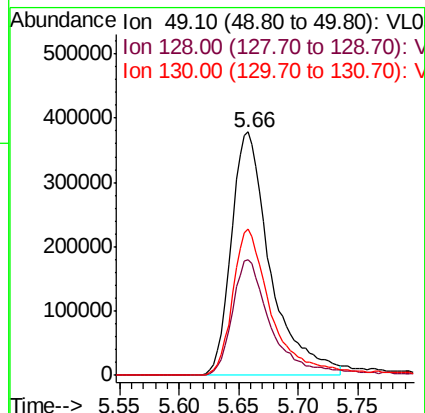
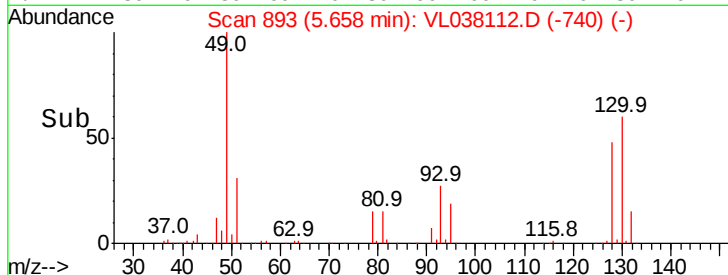
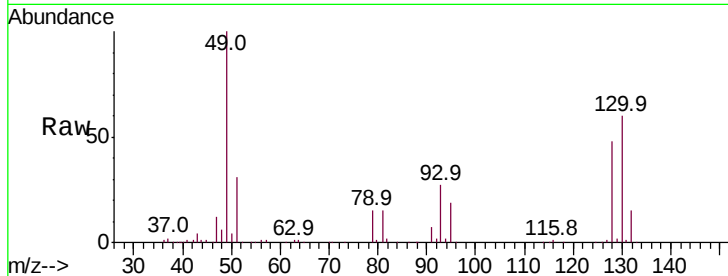
130 61.

Manual Integrations

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#13

Ethanol

Concen: 196.050 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL038112.D

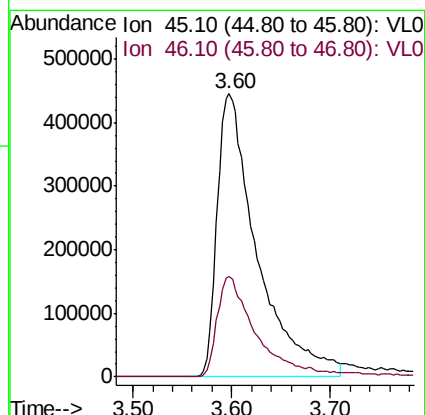
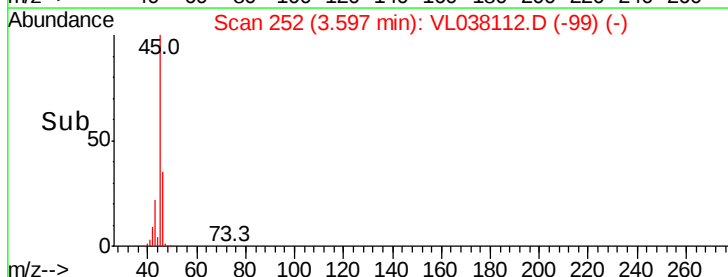
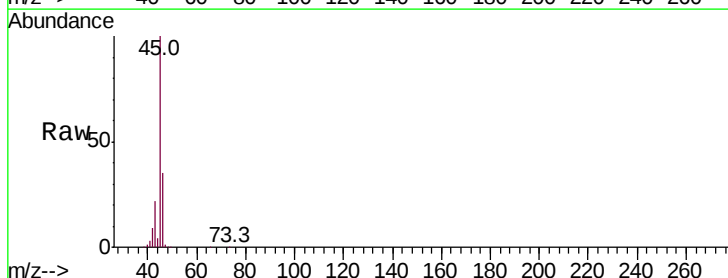
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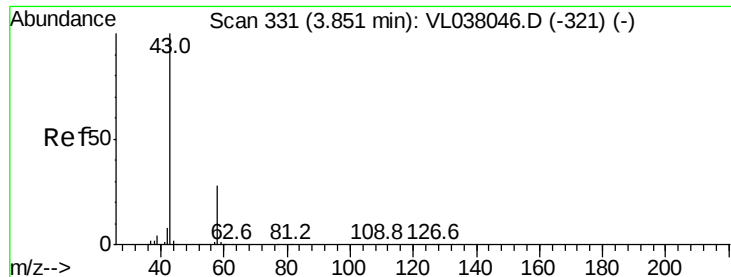
Tgt Ion: 45 Resp: 1261268

Ion Ratio Lower Upper

45 100

46 37.0 17.6 70.2



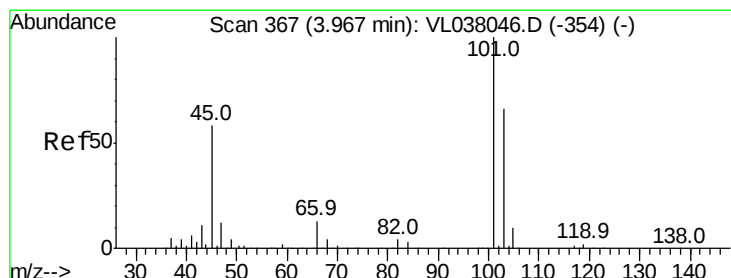
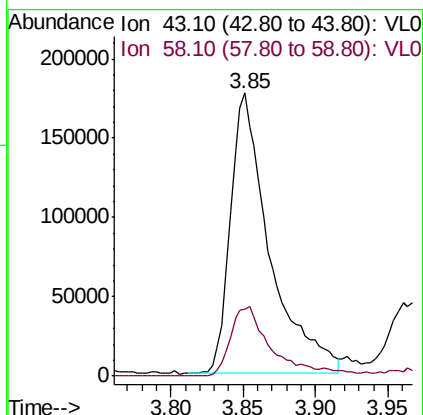
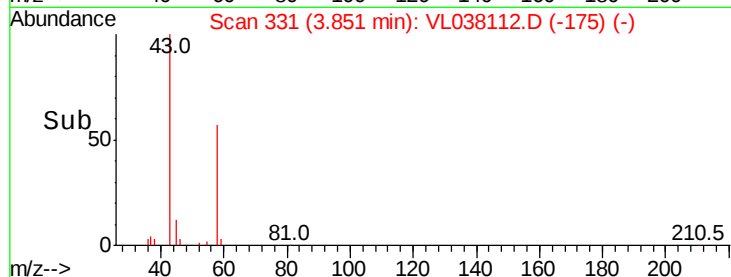
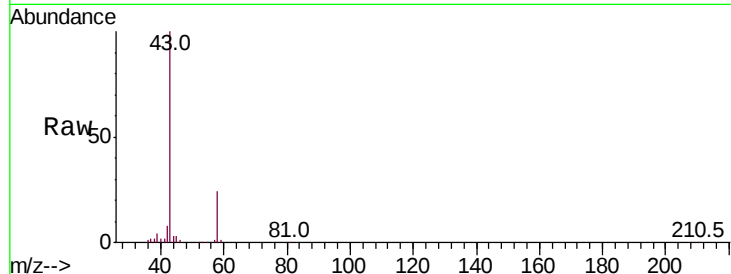


#15
Acetone
Concen: 4.472 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 23:11

Tot Ion:
Ion Ratio
43 100
58 27.

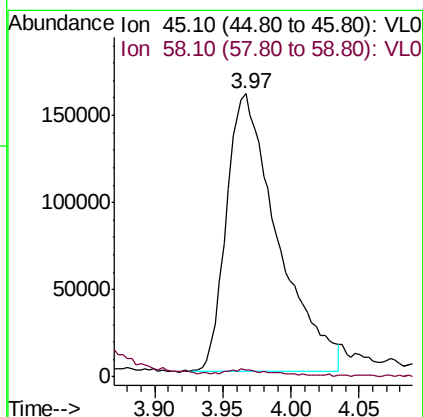
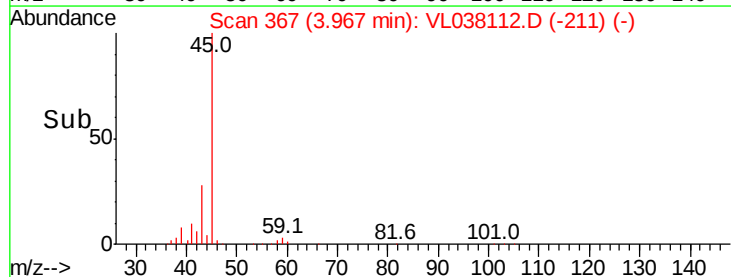
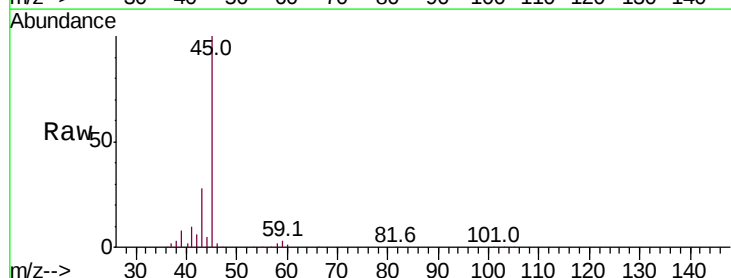
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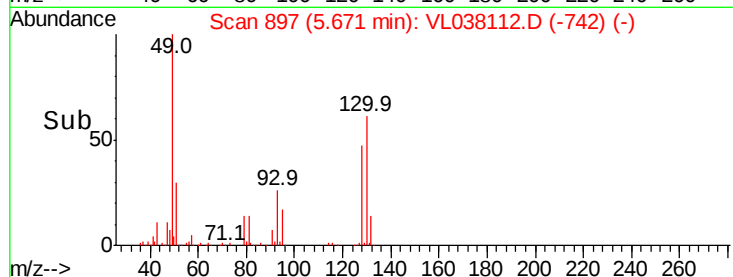
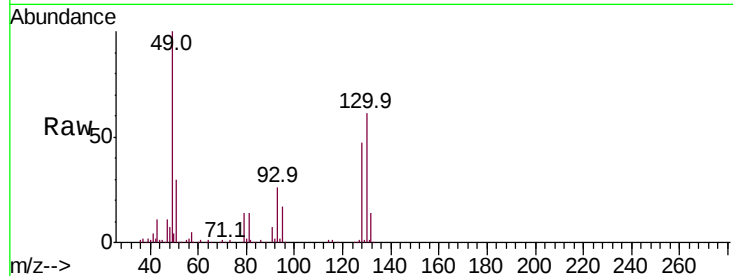
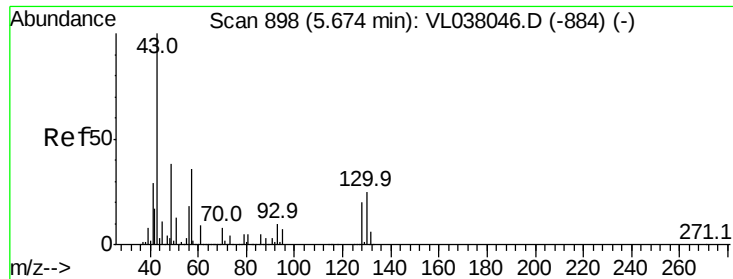
Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#19
Isopropyl Alcohol
Concen: 7.745 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VL038112.D
Acq: 23 Nov 2021 23:11

Tgt Ion: 45 Resp: 417623
Ion Ratio Lower Upper
45 100
58 2.9 1.4 2.0#



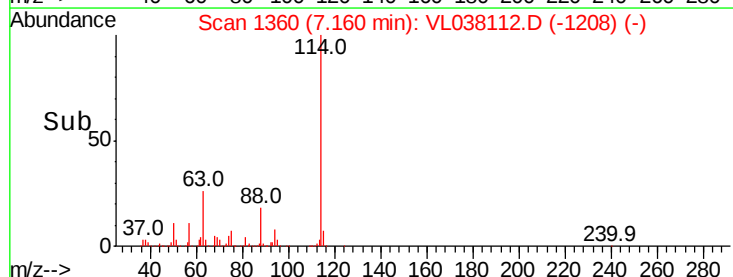
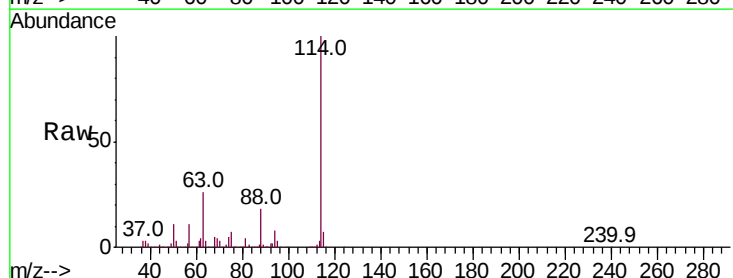
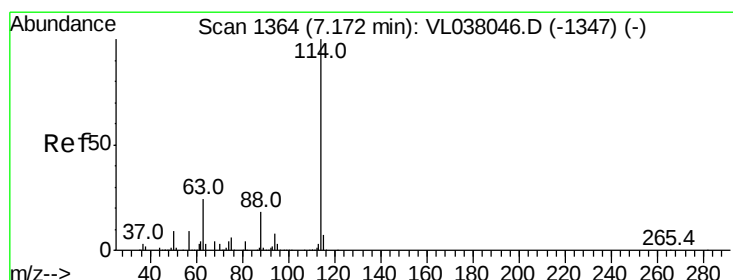
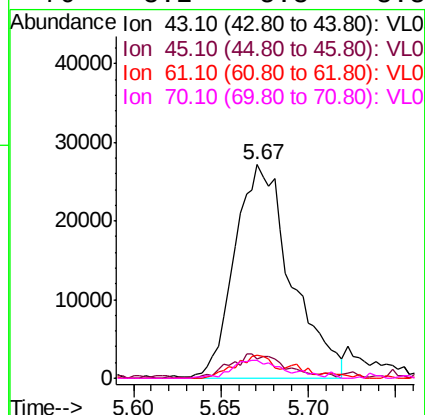


#25
Ethyl Acetate
Concen: 0.245 ppbv m
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Nov 2021 23:11

Tot Ion:
Ion Ratio
43 100
45 11.
61 10.
70 8.2 5.8 8.8

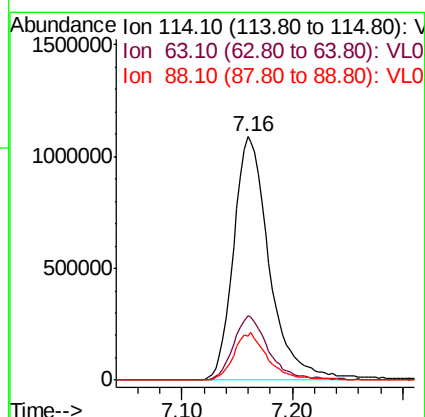
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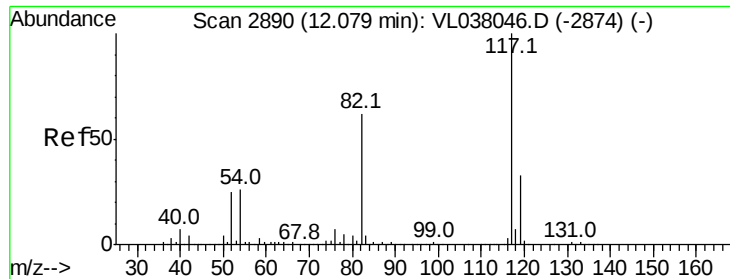
Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL038112.D
Acq: 23 Nov 2021 23:11

Tgt Ion:114 Resp: 2435271
Ion Ratio Lower Upper
114 100
63 26.7 19.7 29.5
88 19.0 14.4 21.6



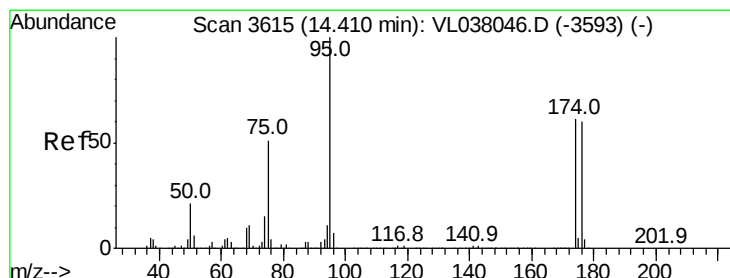
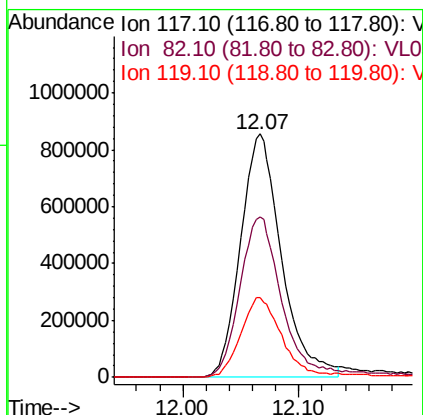
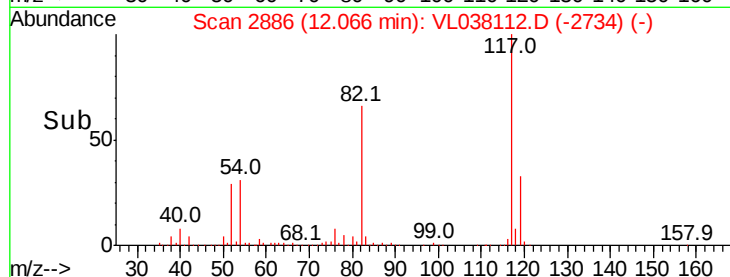
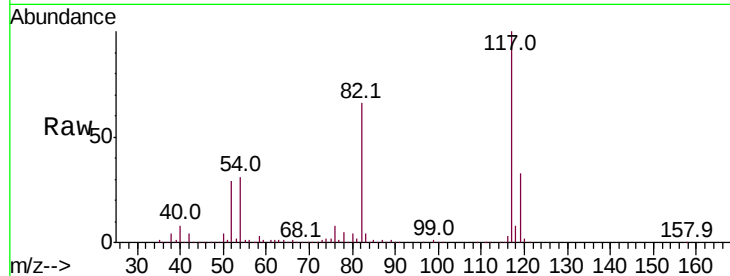


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 23 Nov 2021 23:11

Tot Ion: 1
Ion Ratio
117 100
82 71.1
119 34.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 11.011 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL038112.D
Acq: 23 Nov 2021 23:11

Tgt Ion: 95 Resp: 1667285
Ion Ratio Lower Upper
95 100
174 61.8 53.1 79.7
175 4.2 4.0 6.0

