

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038099.D
 Acq On : 23 Nov 2021 14:44
 Operator : SY/AP
 Sample : M4805-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PURE-BARREDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 28 11:51:38 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	5.67	49	976613	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2653261	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2298976	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1793917	10.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	72386m	0.958	ppbv	
11) Trichlorofluoromethane	3.95	101	35868	0.234	ppbv	95
13) Ethanol	3.61	45	3279864	449.342	ppbv	90
15) Acetone	3.85	43	447036	5.280	ppbv	99
19) Isopropyl Alcohol	3.97	45	775558	12.677	ppbv	100
53) Toluene	9.80	91	48203	0.158	ppbv	98

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

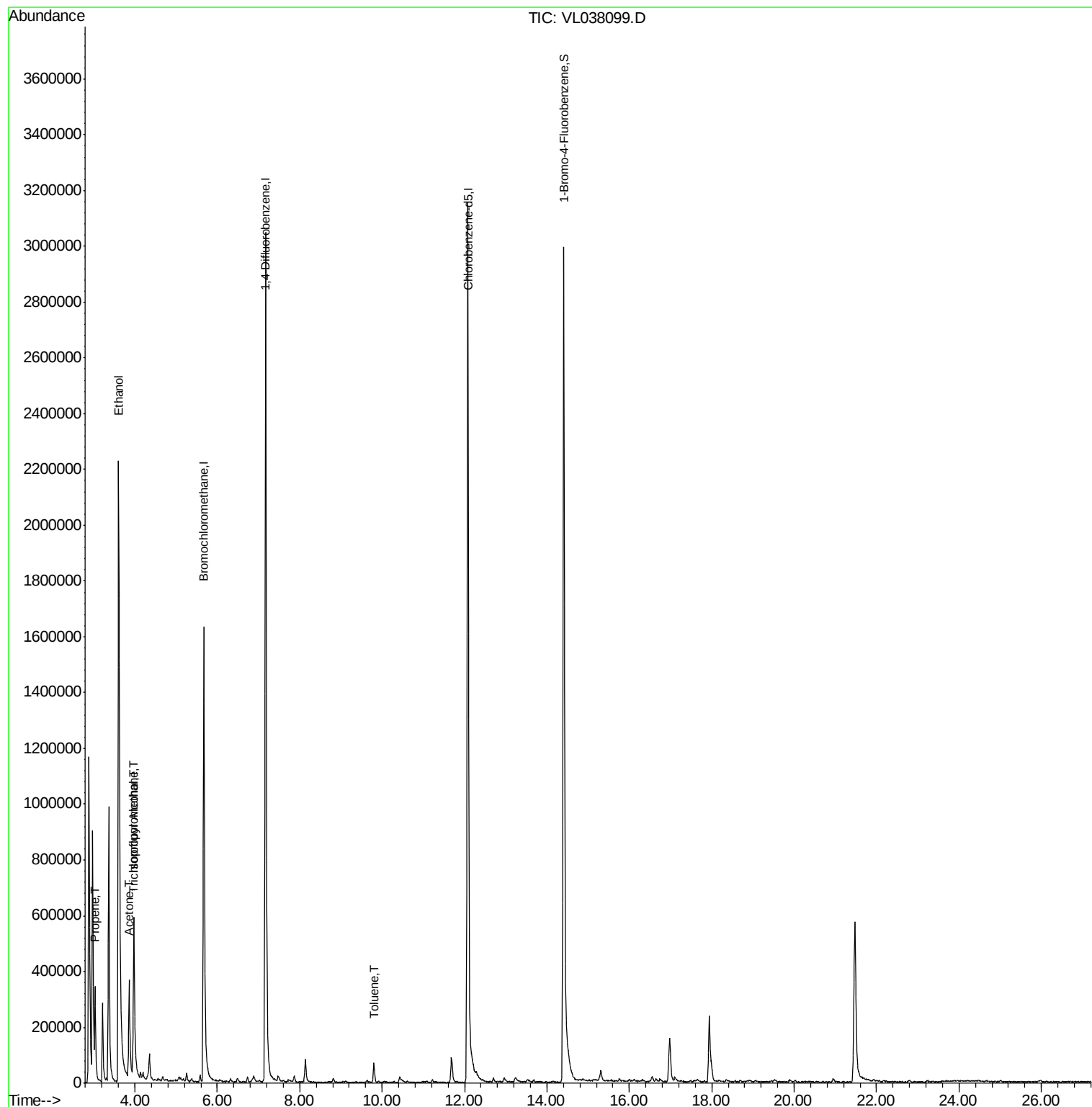
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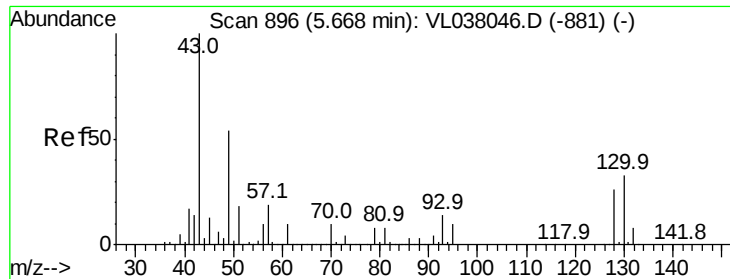
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Nov 28 11:51:38 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA-PURE-BARREDL

Acq: 23 Nov 2021 14:44

Tot Ion:

Ion Ratio

49 100

128 48.

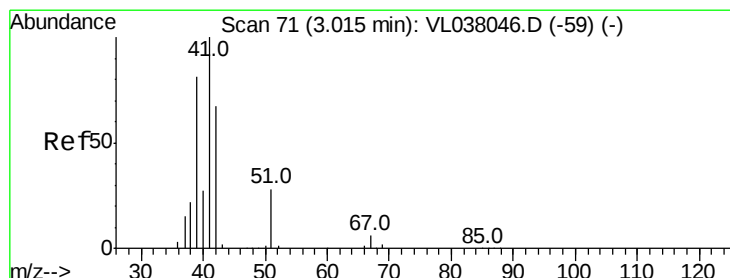
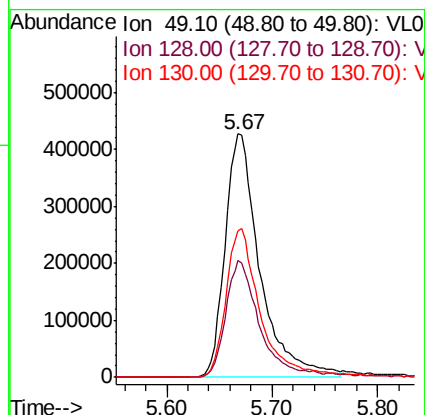
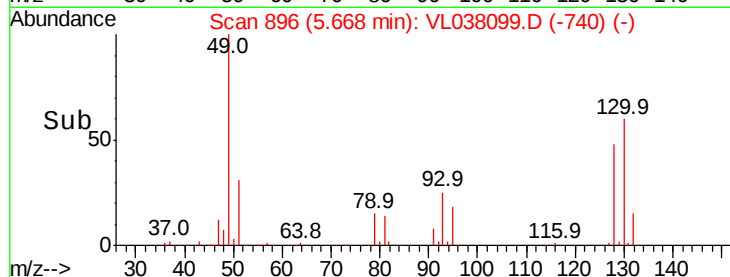
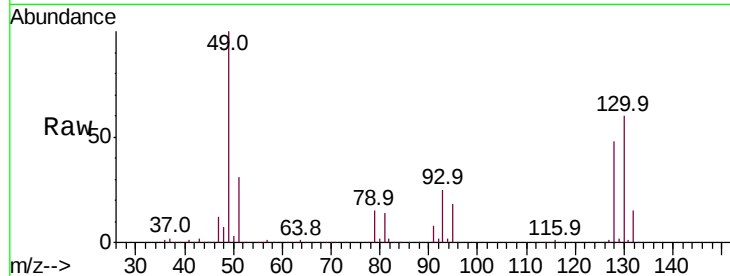
130 61.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#9

Propene

Concen: 0.958 ppbv m

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL038099.D

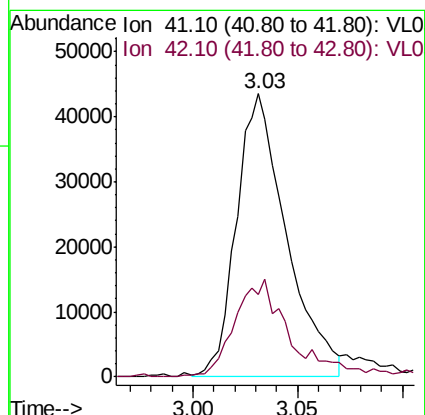
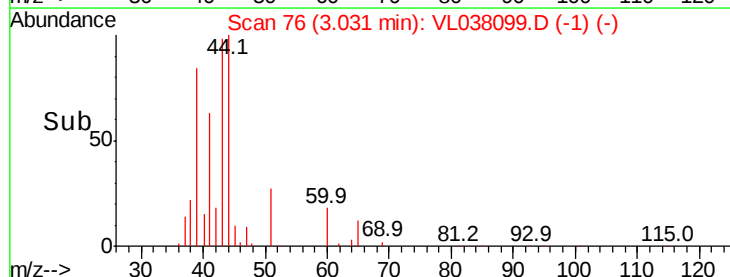
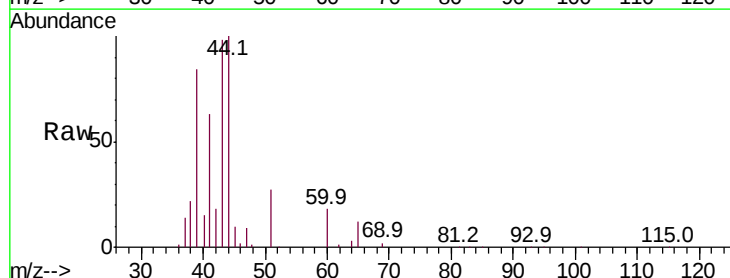
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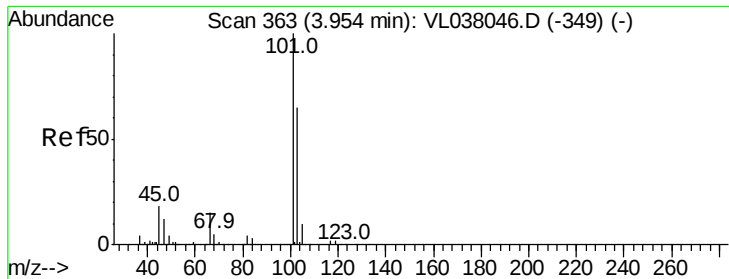
Tgt Ion: 41 Resp: 72386

Ion Ratio Lower Upper

41 100

42 97.9 53.8 80.8#



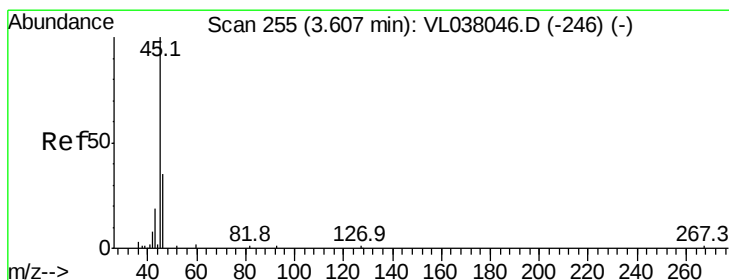
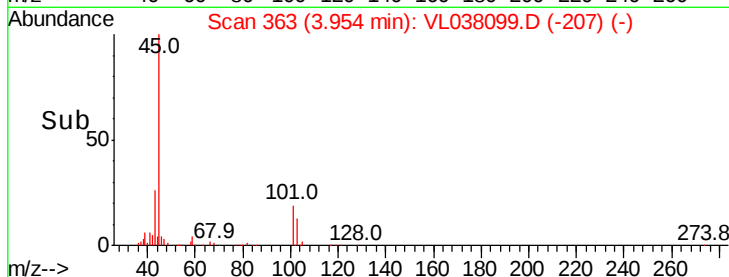
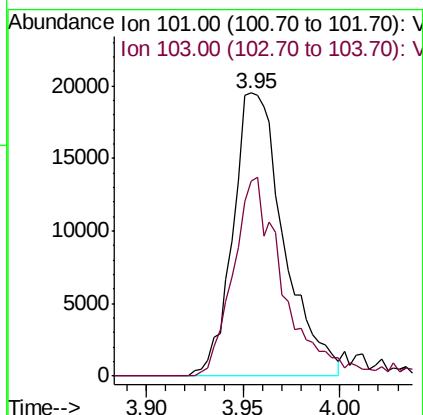
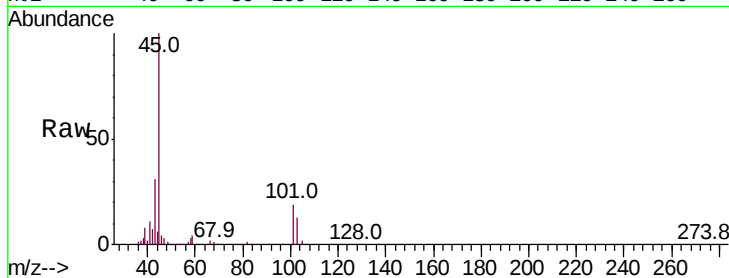


#11
 Trichlorofluoromethane
 Concen: 0.234 ppbv
 RT: 3.95
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 14:44

Tot Ion:1
 Ion Rati
 101 100
 103 69.

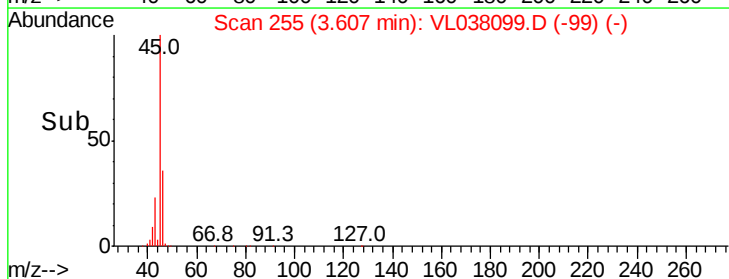
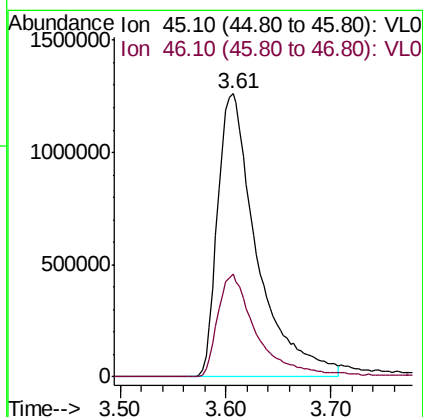
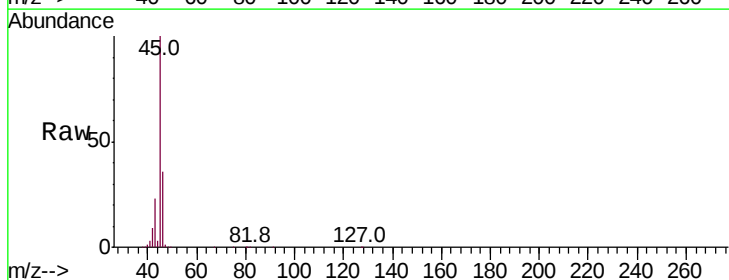
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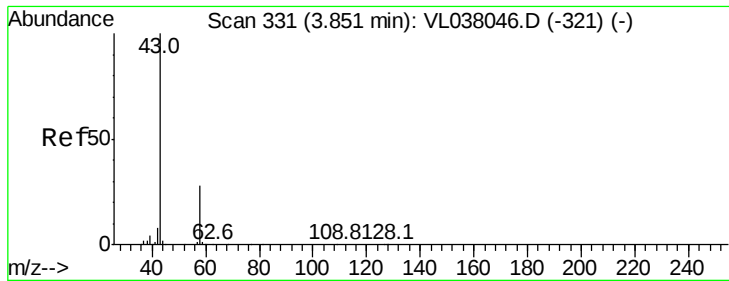
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 Supervised By :Mahesh Dadoda 11/29/2021



#13
 Ethanol
 Concen: 449.342 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VL038099.D
 Acq: 23 Nov 2021 14:44

Tgt Ion: 45 Resp: 3279864
 Ion Ratio Lower Upper
 45 100
 46 37.5 17.6 70.2





#15

Acetone

Concen: 5.280 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 14:44

Tot Ion:

Ion Ratio

43 100

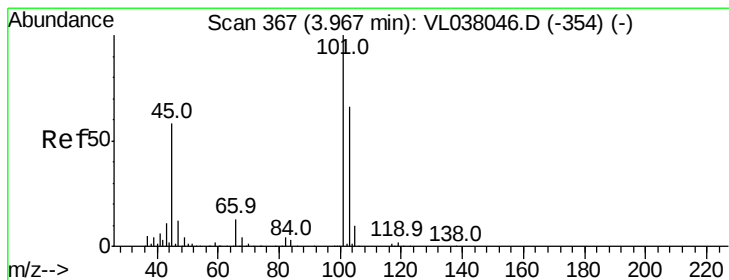
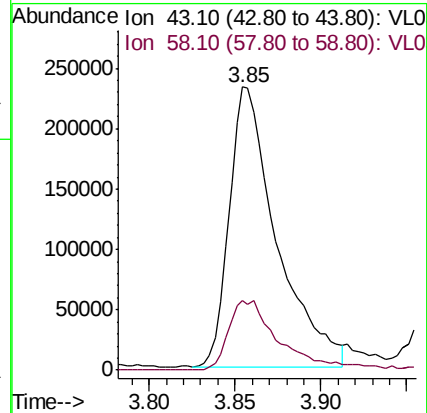
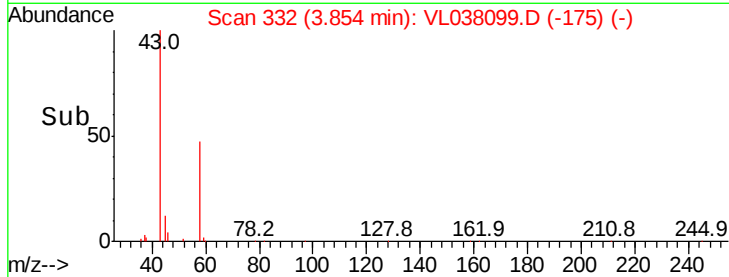
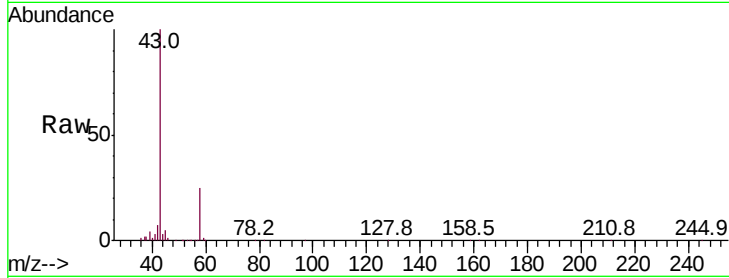
58 27.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#19

Isopropyl Alcohol

Concen: 12.677 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.00 min

Lab File: VL038099.D

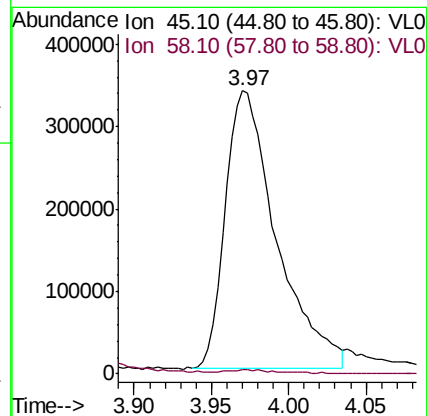
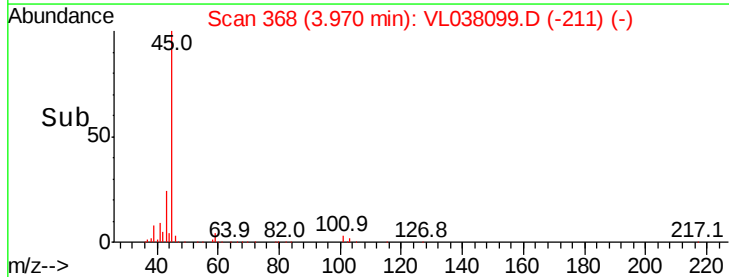
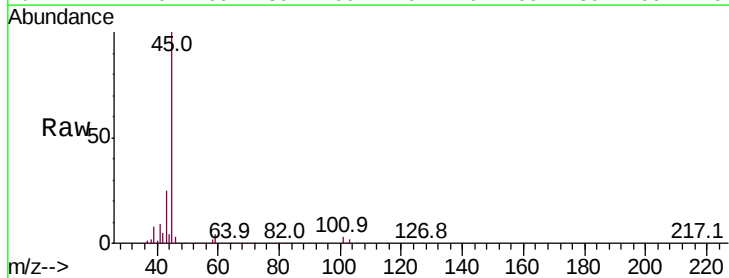
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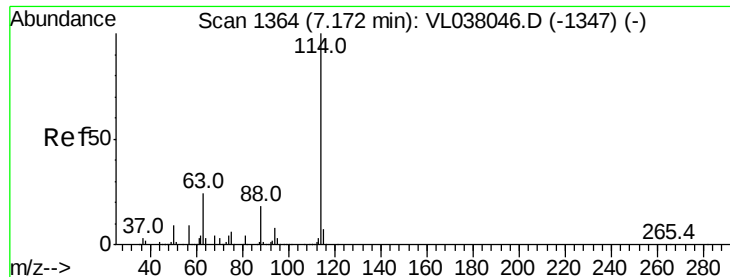
Tgt Ion: 45 Resp: 775558

Ion Ratio Lower Upper

45 100

58 1.6 1.4 2.0



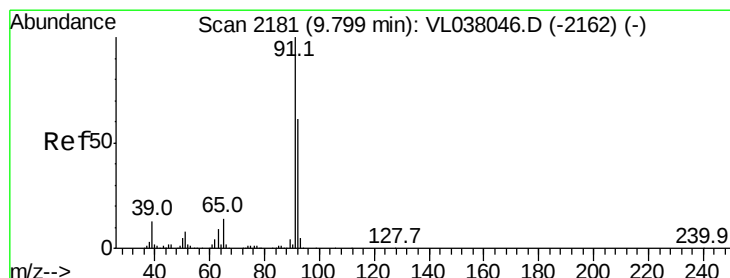
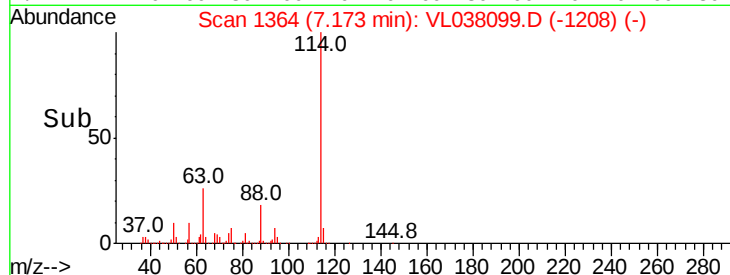
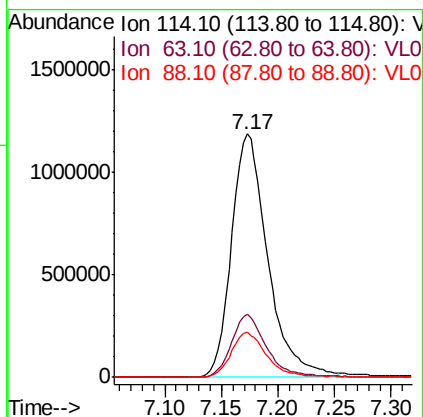
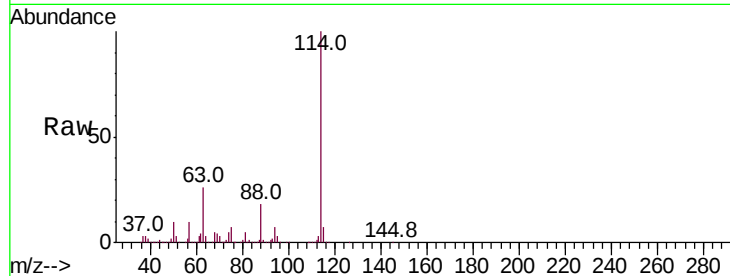


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 14:44

Tot Ion:1
 Ion Rati
 114 100
 63 25.
 88 18.

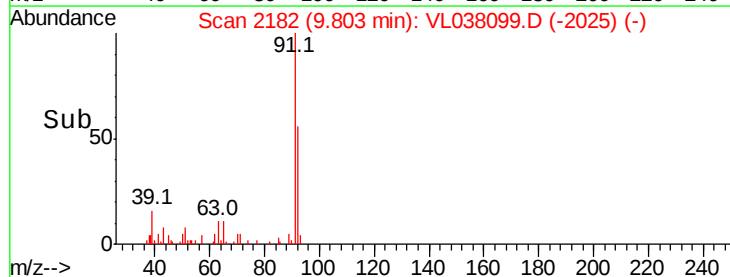
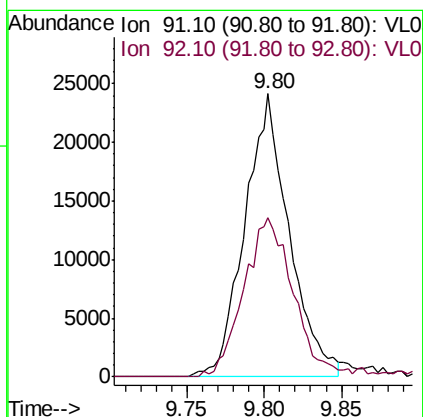
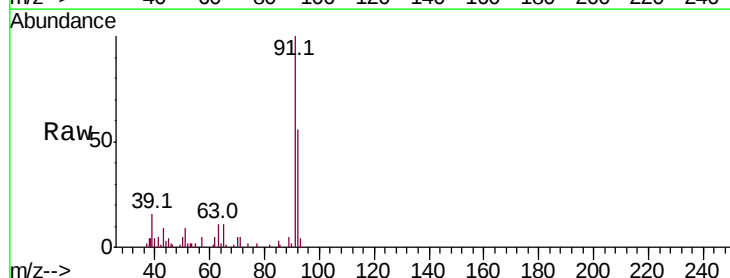
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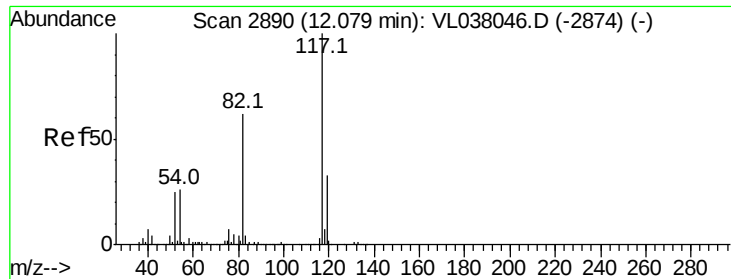
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#53
 Toluene
 Concen: 0.158 ppbv
 RT: 9.80 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: VL038099.D
 Acq: 23 Nov 2021 14:44

Tgt Ion: 91 Resp: 48203
 Ion Ratio Lower Upper
 91 100
 92 63.3 49.7 74.5



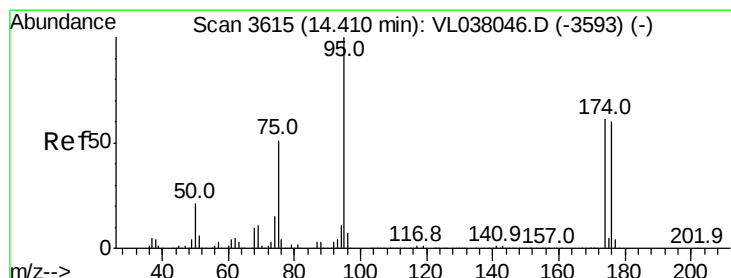
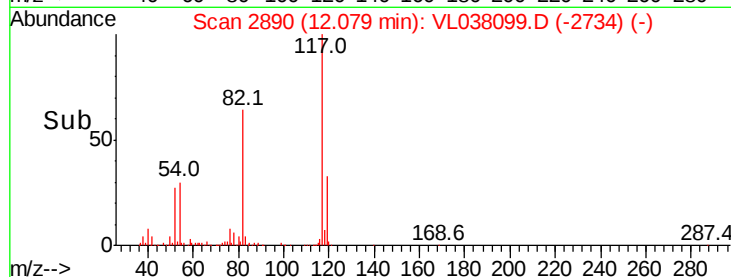
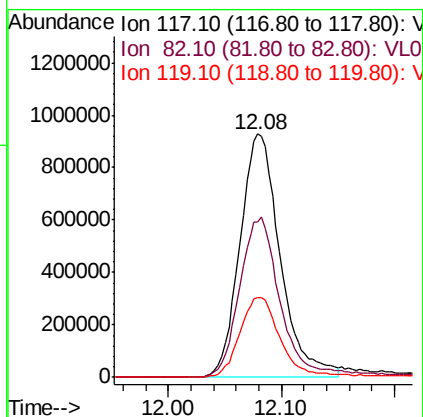
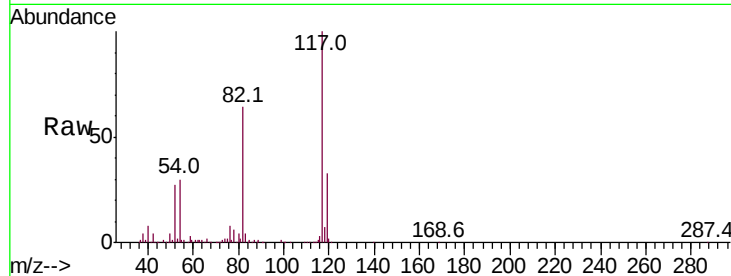


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Nov 2021 14:44

Tot Ion:1
Ion Rati
117 100
82 70.
119 34.

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.818 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.00 min
Lab File: VL038099.D
Acq: 23 Nov 2021 14:44

Tgt Ion: 95 Resp: 1793917
Ion Ratio Lower Upper
95 100
174 63.6 53.1 79.7
175 4.6 4.0 6.0

