

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040838.D
 Acq On : 13 Nov 2023 12:40
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Nov 13 15:29:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Nov 13 15:18:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 11/15/2023
 Supervised By : Semsettin Yesilyurt 11/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.185	49	1065150	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	2957094	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2664111	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2099679	10.589	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	125183	0.659	ppbv	95
3) Chlorodifluoromethane	2.681	51	97871	0.624	ppbv	99
4) Chloromethane	2.819	50	35760	0.583	ppbv	89
5) Vinyl Chloride	2.925	62	34643	0.546	ppbv	97
6) Bromomethane	3.128	94	13393m	0.525	ppbv	
7) Chloroethane	3.198	64	12166	0.592	ppbv #	88
8) Dichlorotetrafluoroethane	2.864	85	88642	0.621	ppbv	98
9) Propene	2.700	41	32902	0.575	ppbv	100
10) Heptane	7.561	43	76146	0.527	ppbv	95
11) Trichlorofluoromethane	3.562	101	93747	0.639	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.066	101	67728	0.648	ppbv	99
13) Ethanol	3.259	45	7758m	0.614	ppbv	
14) Bromoethene	3.369	108	25673	0.580	ppbv #	89
15) Acetone	3.481	43	69188	0.632	ppbv	92
16) 1,3-Butadiene	2.986	39	28891	0.507	ppbv #	80
17) tert-Butyl alcohol	3.899	59	56899m	0.538	ppbv	
18) 1,1-Dichloroethene	3.877	96	29721	0.637	ppbv	85
19) Isopropyl Alcohol	3.600	45	41679	0.606	ppbv #	91
20) Methylene Chloride	3.931	84	31557	0.687	ppbv #	78
21) Allyl Chloride	3.993	41	38480	0.539	ppbv #	85
22) trans-1,2-Dichloroethene	4.443	96	29109	0.576	ppbv #	90
23) Vinyl Acetate	4.629	43	67240m	0.470	ppbv	
24) 1,1-Dichloroethane	4.555	63	60283	0.545	ppbv #	93
25) Ethyl Acetate	5.205	43	120655	0.505	ppbv #	95
26) Hexane	5.205	57	56530	0.519	ppbv	96
27) Carbon Disulfide	4.124	76	70890	0.580	ppbv #	92
28) Methyl tert-Butyl Ether	4.594	73	43407	0.496	ppbv #	87
29) Chloroform	5.266	83	97144	0.601	ppbv	97
30) Cyclohexane	6.581	84	51436m	0.557	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	44970	0.441	ppbv	91
32) 1,1,1-Trichloroethane	5.986	97	91616m	0.538	ppbv	
34) 2-Butanone	4.793	43	62487	0.443	ppbv	93
35) Carbon Tetrachloride	6.481	117	89754	0.532	ppbv	93
36) Benzene	6.353	78	124659	0.548	ppbv	94
37) 1,2-Dichloroethane	5.793	62	69661	0.581	ppbv	98
38) Trichloroethene	7.272	130	47397m	0.473	ppbv	
39) 1,2-Dichloropropane	7.060	63	49971m	0.562	ppbv	
40) 1,4-Dioxane	7.304	88	20536m	0.617	ppbv	
41) Tetrahydrofuran	5.574	42	46094	0.501	ppbv	96
42) Bromodichloromethane	7.234	83	101170	0.566	ppbv	90
43) Methyl Methacrylate	7.462	69	41075	0.452	ppbv	88
44) 2,2,4-Trimethylpentane	7.311	57	205499	0.534	ppbv	98
45) t-1,3-Dichloropropene	8.700	75	21264m	0.312	ppbv	

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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 13 15:29:10 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

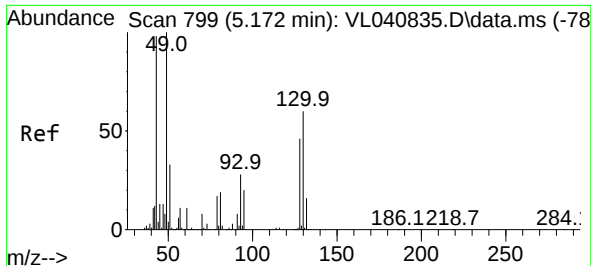
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Mon Nov 13 15:18:50 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	30049m	0.354	ppbv	
47) 1,1,2-Trichloroethane	8.883	97	50199m	0.536	ppbv	
48) Dibromochloromethane	9.690	129	77363m	0.491	ppbv	
49) Bromoform	12.384	173	54218m	0.432	ppbv	
50) 4-Methyl-2-Pentanone	8.188	43	111927	0.488	ppbv	100
51) 2-Hexanone	9.558	43	77293m	0.446	ppbv	
52) Tetrachloroethene	10.594	164	41902m	0.459	ppbv	
53) Toluene	9.201	91	127273	0.472	ppbv	99
54) 1,2-Dibromoethane	9.989	107	64702	0.497	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.484	131	57456	0.524	ppbv #	69
57) Chlorobenzene	11.503	112	103422	0.539	ppbv #	97
58) Ethyl Benzene	12.073	91	179608m	0.531	ppbv	
59) m/p-Xylene	12.349	91	308135m	1.103	ppbv	
60) o-Xylene	13.037	91	147296	0.554	ppbv	97
61) Styrene	12.876	104	66829m	0.463	ppbv	
62) Isopropylbenzene	14.008	105	220078m	0.541	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.031	83	105448	0.529	ppbv	98
64) n-propylbenzene	14.896	120	52740	0.488	ppbv	83
65) tert-Butylbenzene	16.069	119	175424	0.480	ppbv	89
66) Benzyl Chloride	16.336	91	7060m	0.229	ppbv	
67) sec-Butylbenzene	16.616	105	251589	0.502	ppbv	99
69) p-Isopropyltoluene	16.973	119	193578	0.464	ppbv	96
70) n-Butylbenzene	17.863	91	211358m	0.512	ppbv	
71) 2-Chlorotoluene	14.773	91	165165m	0.538	ppbv	
72) 4-Ethyltoluene	15.172	105	151252	0.491	ppbv	95
73) 1,3,5-Trimethylbenzene	15.330	105	143792m	0.530	ppbv	
74) 1,2,4-Trimethylbenzene	16.082	105	161290m	0.542	ppbv	
75) 1,3-Dichlorobenzene	16.307	146	87180m	0.481	ppbv	
76) 1,4-Dichlorobenzene	16.445	146	78621	0.438	ppbv	94
77) 1,2-Dichlorobenzene	17.124	146	83101	0.469	ppbv	96
78) Hexachloro-1,3-Butadiene	22.609	225	59998m	0.480	ppbv	
79) Naphthalene	21.374	128	72197m	0.315	ppbv	
80) Naphthalene,2-methyl-	24.480	142	10927m	0.191	ppbv	
81) 1,2,4-Trichlorobenzene	21.127	180	45721m	0.368	ppbv	

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



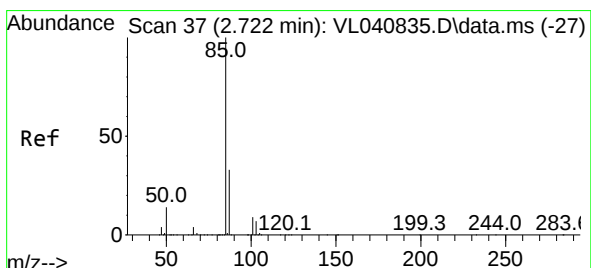
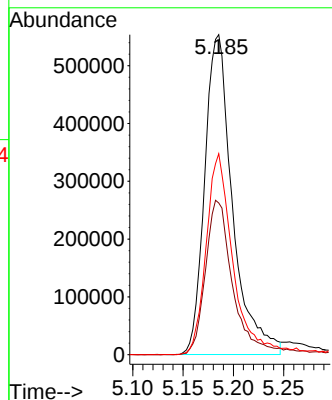
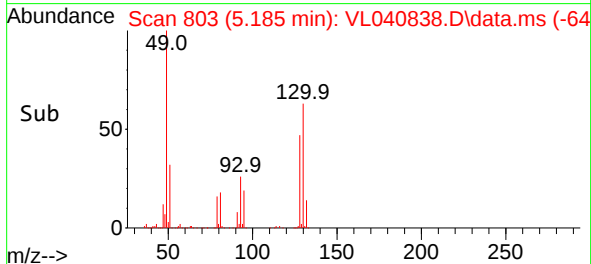
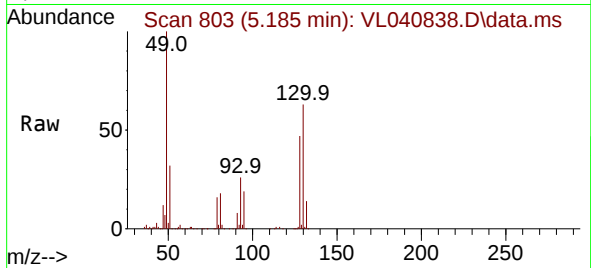
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 1065150
Ion Ratio Lower Upper
49 100
128 49.6 23.8 71.2
130 63.1 30.9 92.8

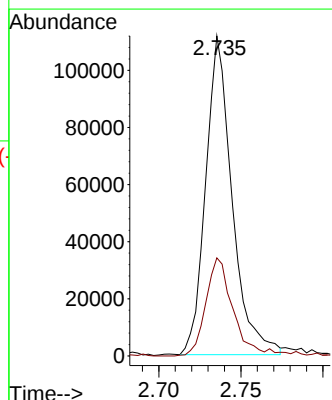
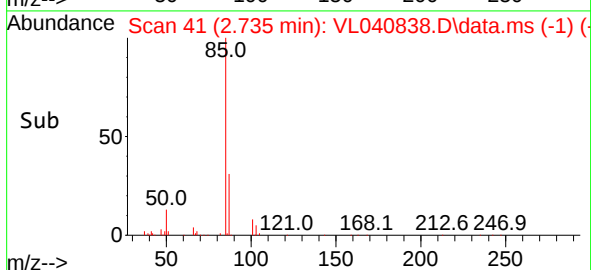
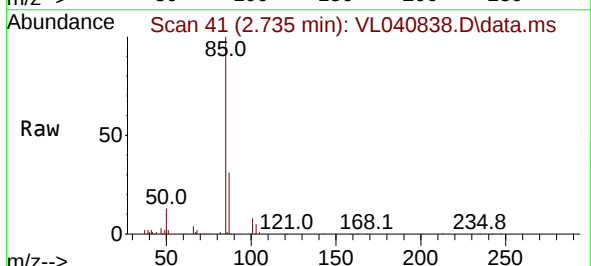
Manual Integrations
APPROVED

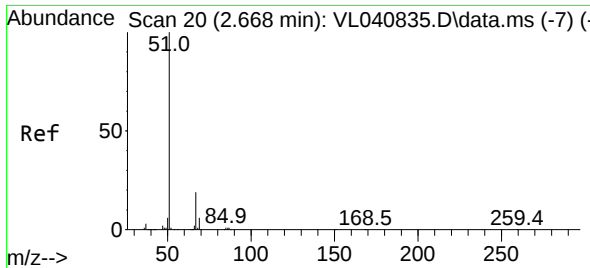
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#2
Dichlorodifluoromethane
Concen: 0.659 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 85 Resp: 125183
Ion Ratio Lower Upper
85 100
87 30.5 26.7 40.1





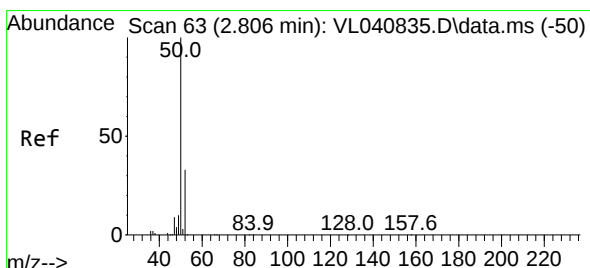
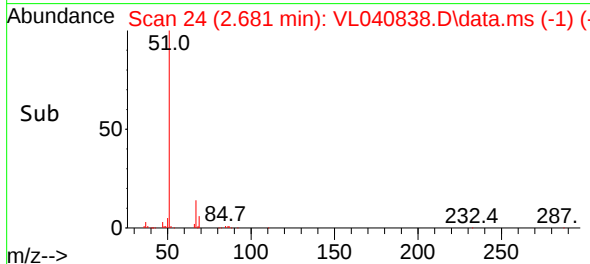
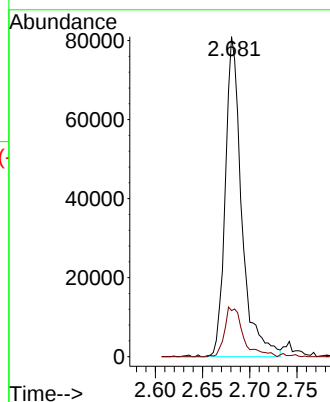
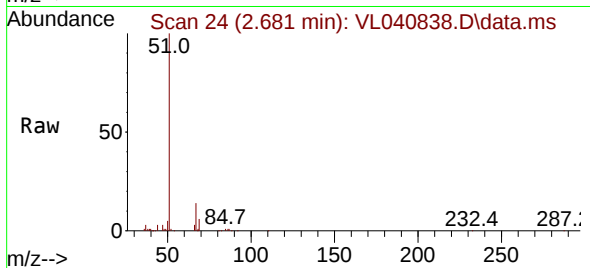
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Chlorodifluoromethane
Concen: 0.624 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 51 Resp: 9787
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.4

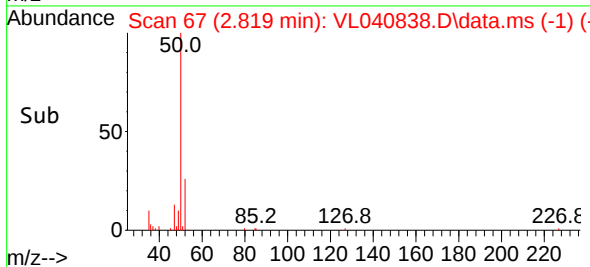
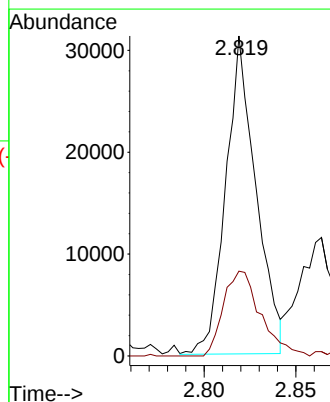
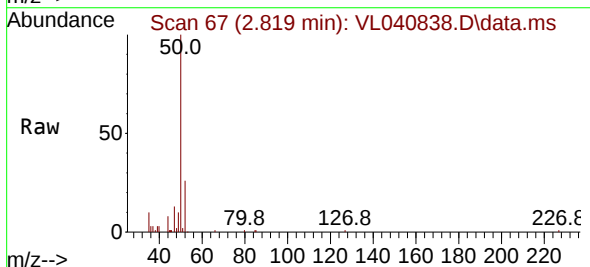
Manual Integrations
APPROVED

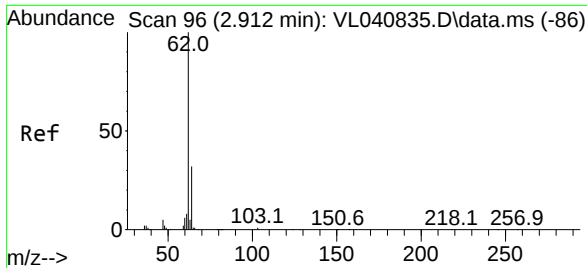
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#4
Chloromethane
Concen: 0.583 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 50 Resp: 35760
Ion Ratio Lower Upper
50 100
52 26.7 26.3 39.5





#5
 Vinyl Chloride
 Concen: 0.546 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.013 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

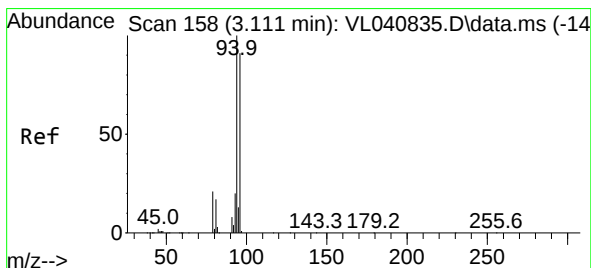
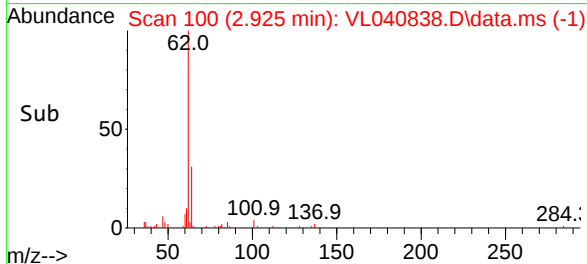
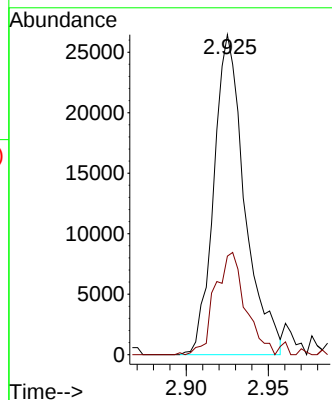
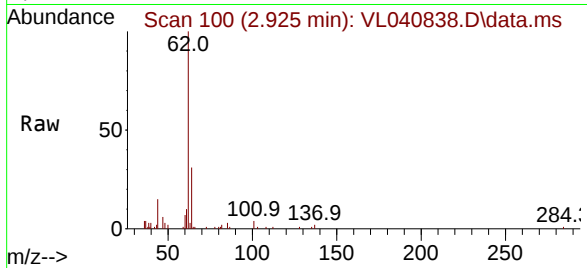
VSTDICC0.5

Tgt Ion: 62 Resp: 3464
 Ion Ratio Lower Upper
 62 100
 64 30.2 25.4 38.2

Manual Integrations

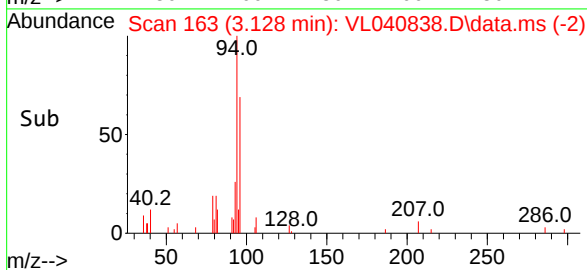
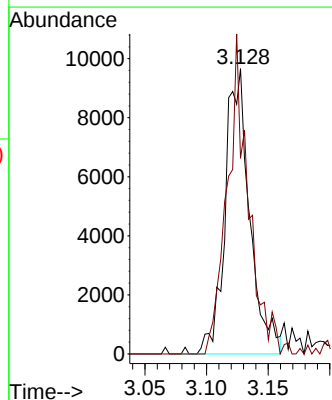
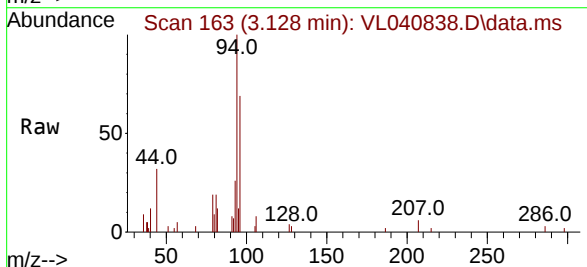
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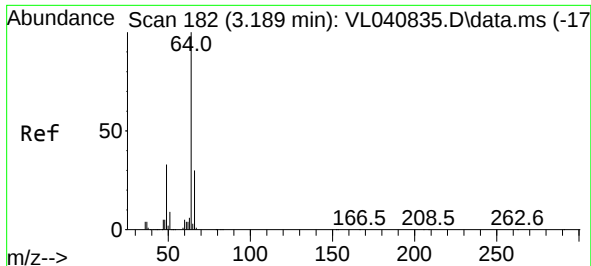
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#6
 Bromomethane
 Concen: 0.525 ppbv m
 RT: 3.128 min Scan# 163
 Delta R.T. 0.016 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

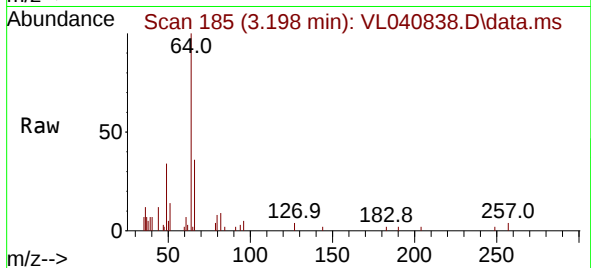
Tgt Ion: 94 Resp: 13393
 Ion Ratio Lower Upper
 94 100
 96 68.6 73.0 109.4#





#7
Chloroethane
Concen: 0.592 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

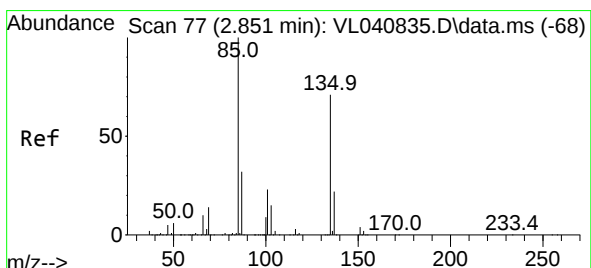
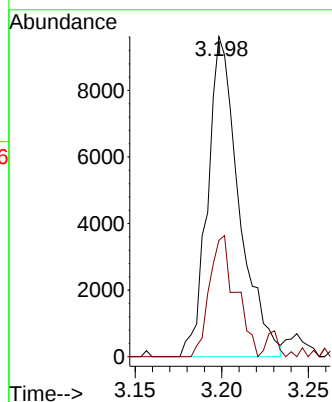
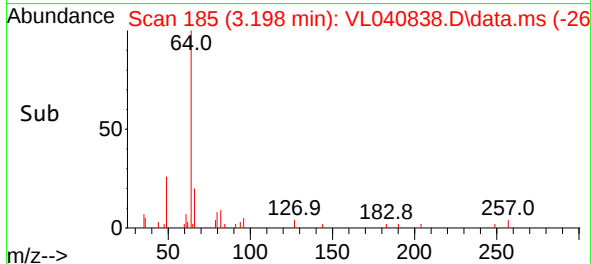
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



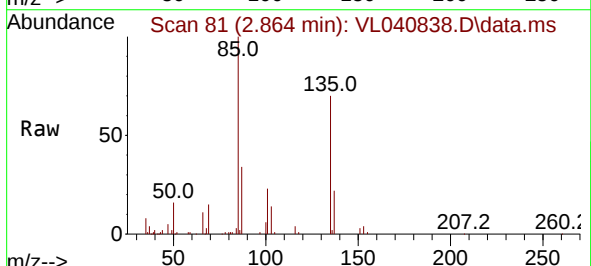
Tgt Ion: 64 Resp: 1216
Ion Ratio Lower Upper
64 100
66 36.3 23.8 35.6

Manual Integrations
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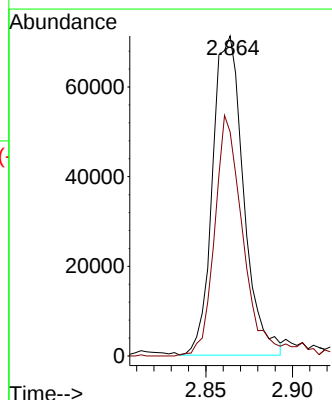
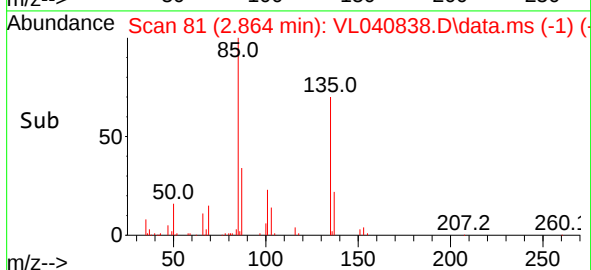
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

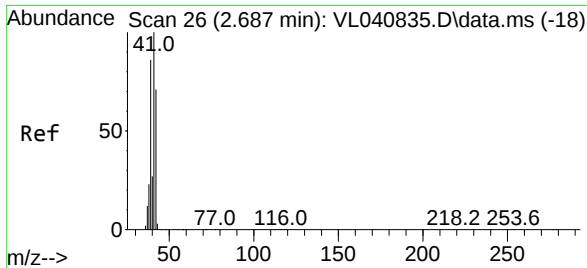


#8
Dichlorotetrafluoroethane
Concen: 0.621 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40



Tgt Ion: 85 Resp: 88642
Ion Ratio Lower Upper
85 100
135 71.1 55.3 82.9





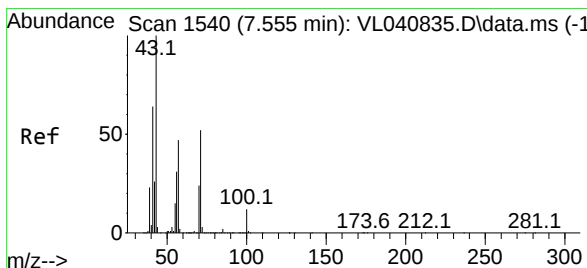
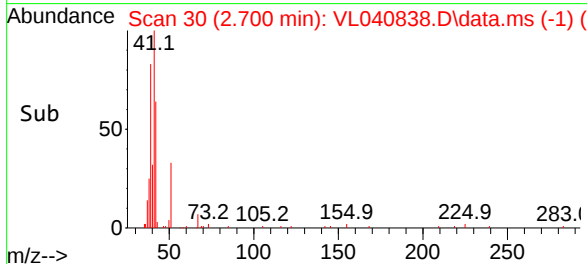
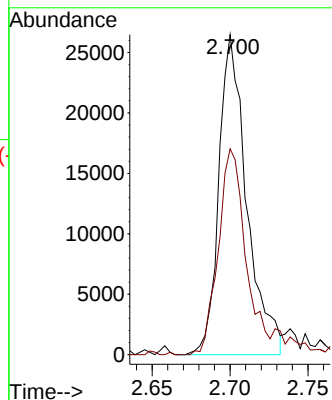
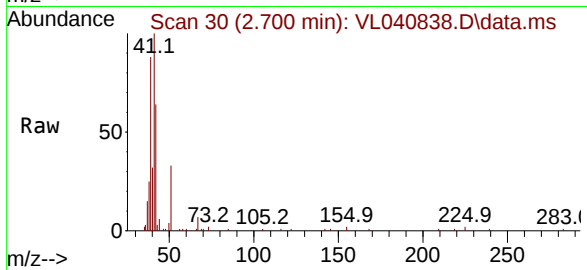
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 Propene
 Concen: 0.575 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 3290
 Ion Ratio Lower Upper
 41 100
 42 70.3 56.5 84.7

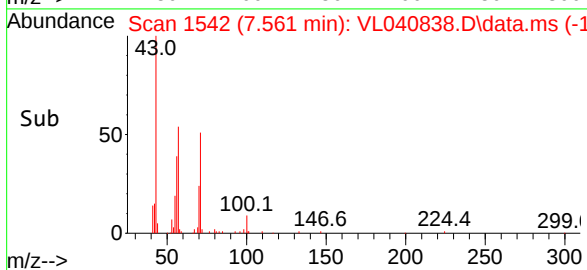
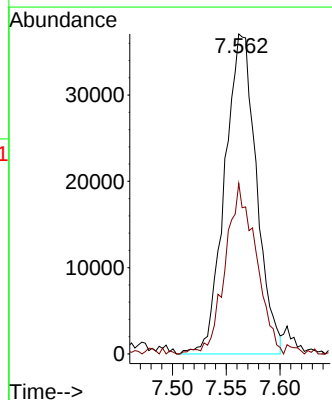
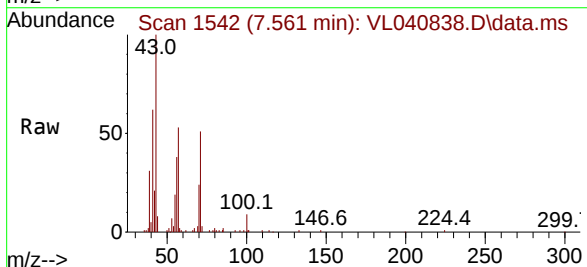
Manual Integrations
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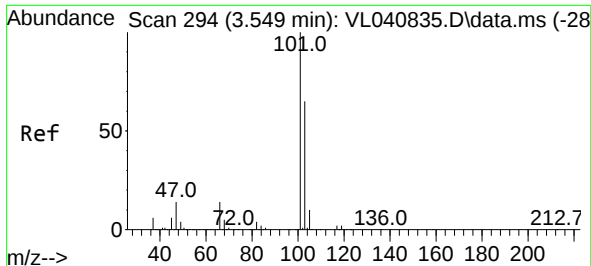
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#10
 Heptane
 Concen: 0.527 ppbv
 RT: 7.561 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

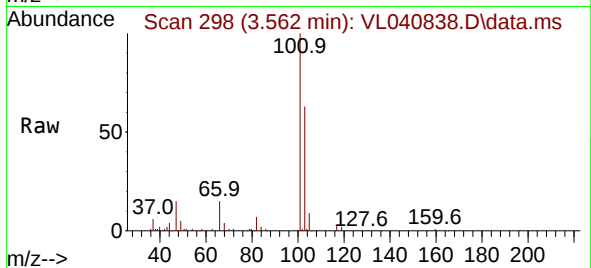
Tgt Ion: 43 Resp: 76146
 Ion Ratio Lower Upper
 43 100
 57 52.8 39.4 59.0





#11
 Trichlorofluoromethane
 Concen: 0.639 ppbv
 RT: 3.562 min Scan# 294
 Delta R.T. 0.013 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

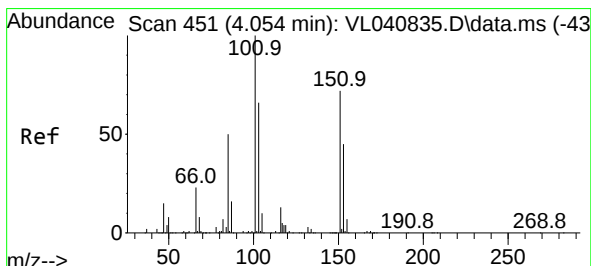
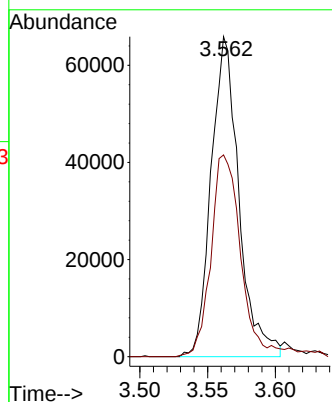
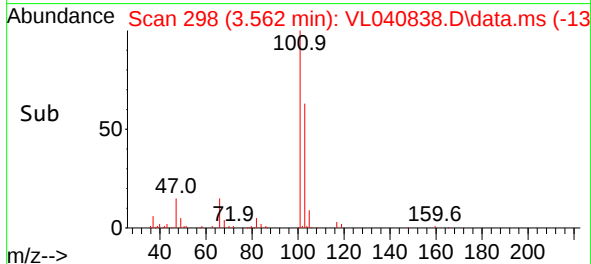
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



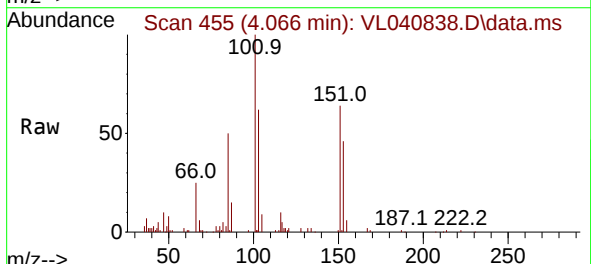
Tgt Ion:101 Resp: 9374
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.8 77.8

Manual Integrations
 APPROVED

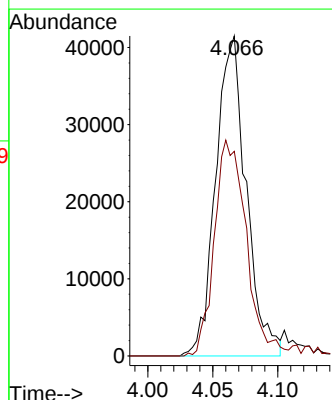
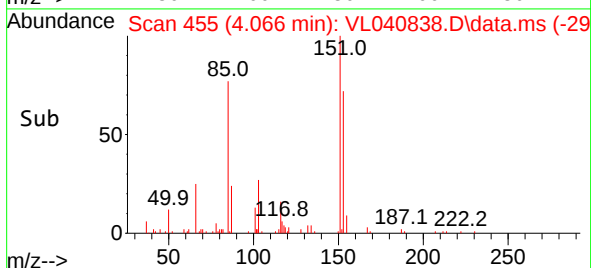
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

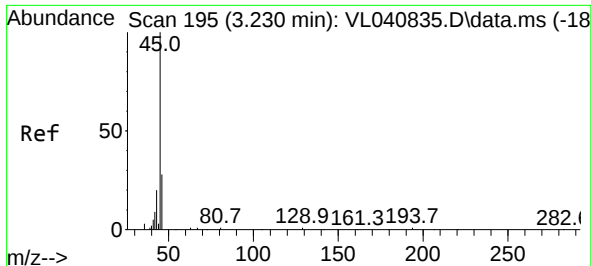


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.648 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. 0.013 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40



Tgt Ion:101 Resp: 67728
 Ion Ratio Lower Upper
 101 100
 151 72.8 57.8 86.6





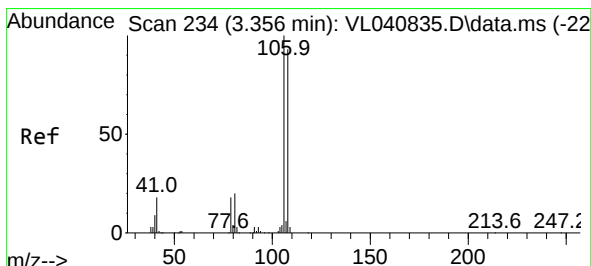
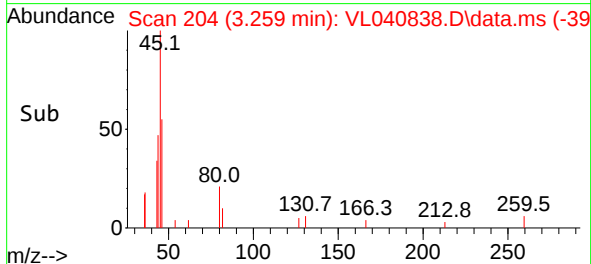
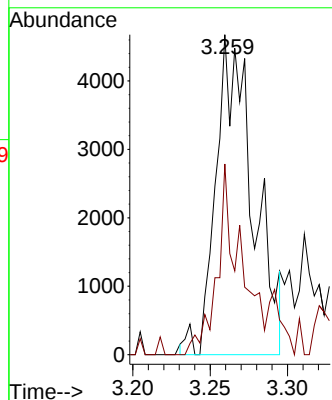
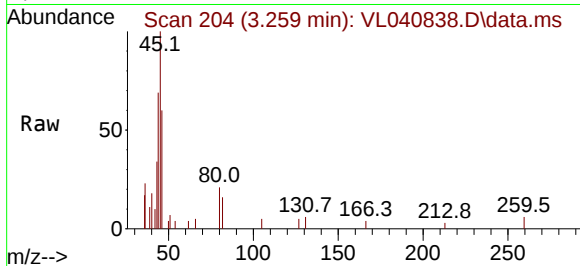
#13
Ethanol
Concen: 0.614 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. 0.029 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 7758
Ion Ratio Lower Upper
45 100
46 52.6 13.3 53.1

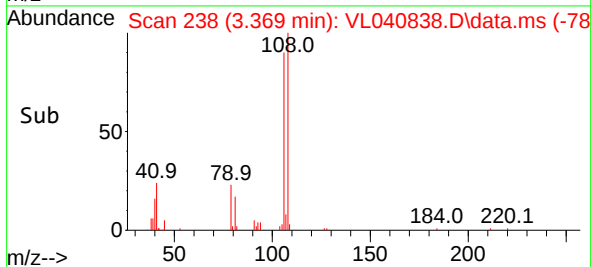
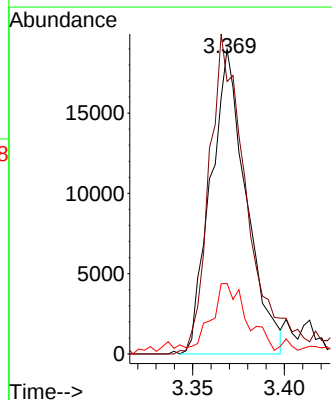
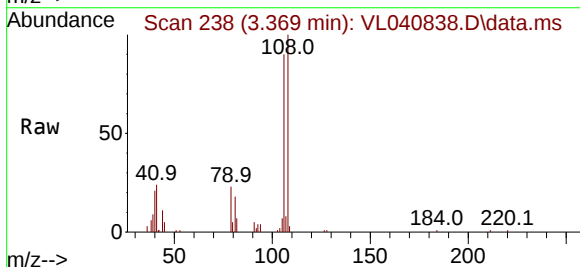
Manual Integrations
APPROVED

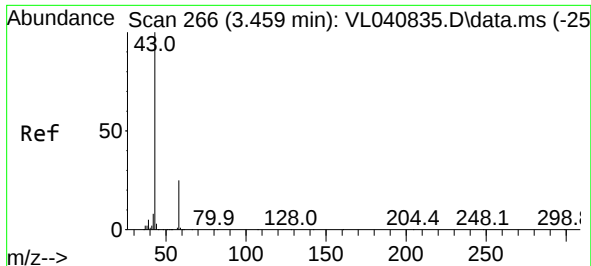
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#14
Bromoethene
Concen: 0.580 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion:108 Resp: 25673
Ion Ratio Lower Upper
108 100
106 117.3 85.5 128.3
79 28.8 16.5 24.7#





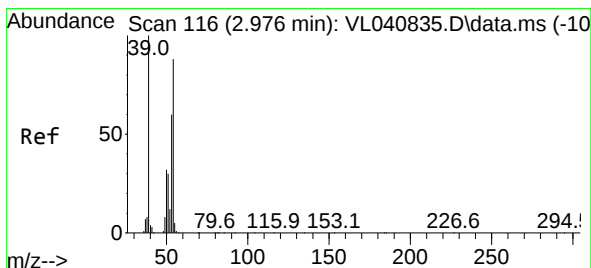
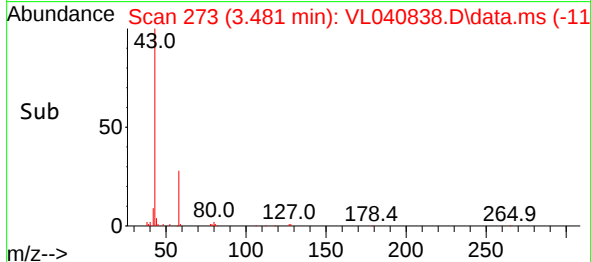
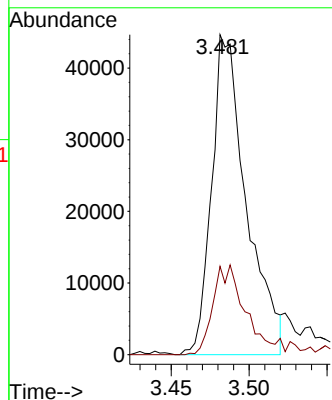
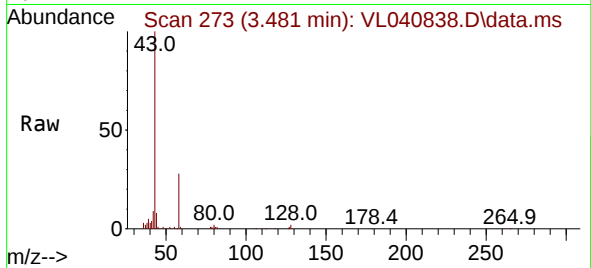
#15
Acetone
Concen: 0.632 ppbv
RT: 3.481 min Scan# 211
Delta R.T. 0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 69188
Ion Ratio Lower Upper
43 100
58 30.0 20.9 31.3

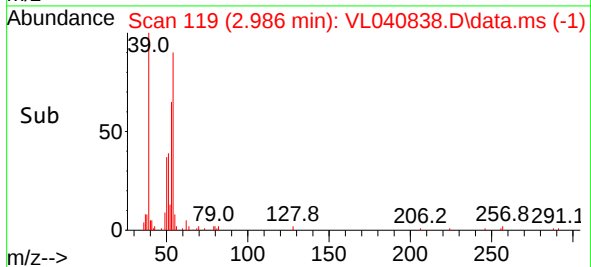
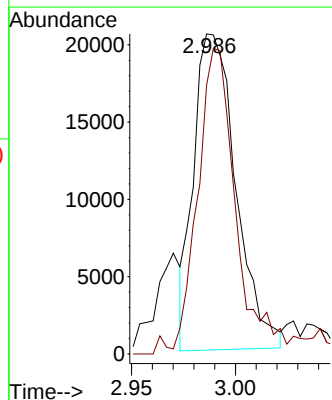
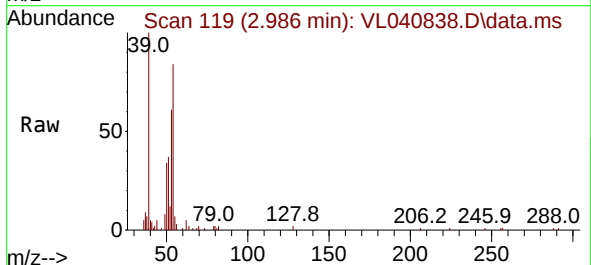
Manual Integrations
APPROVED

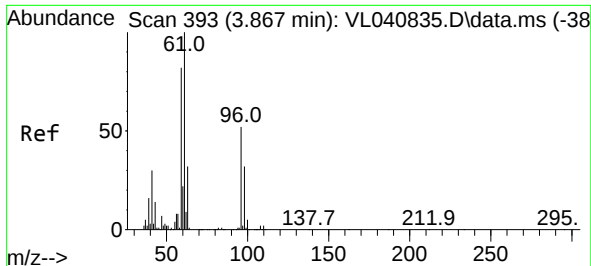
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#16
1,3-Butadiene
Concen: 0.507 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

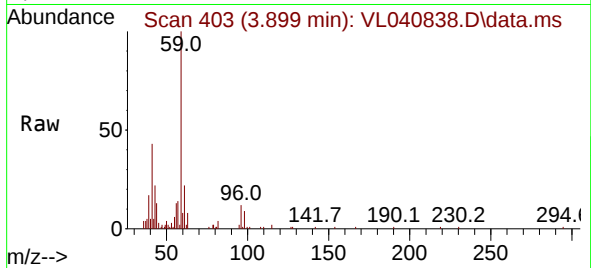
Tgt Ion: 39 Resp: 28891
Ion Ratio Lower Upper
39 100
54 94.6 61.8 92.6#





#17
tert-Butyl alcohol
Concen: 0.538 ppbv m
RT: 3.899 min Scan# 403
Delta R.T. 0.032 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

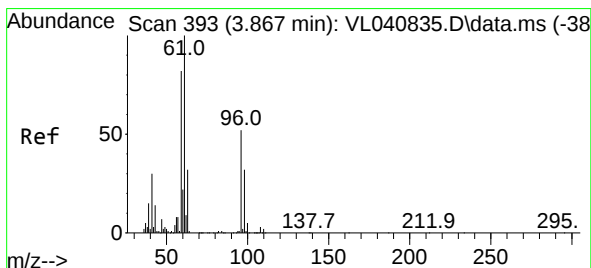
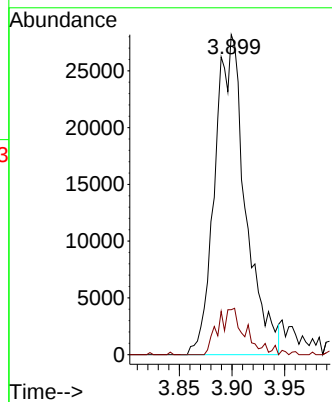
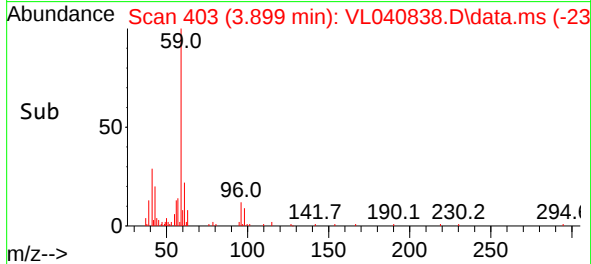
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



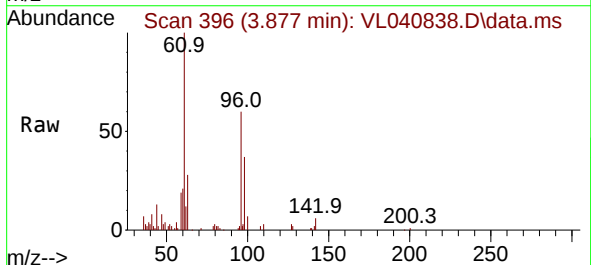
Tgt Ion: 59 Resp: 5689
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6

Manual Integrations
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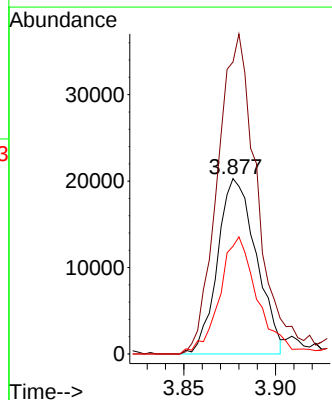
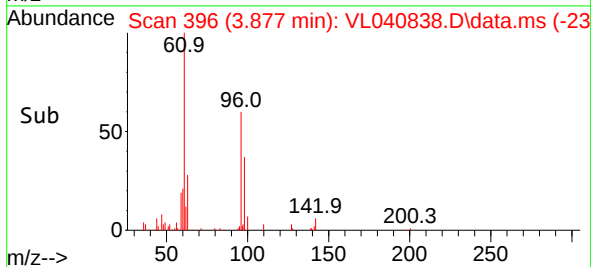
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

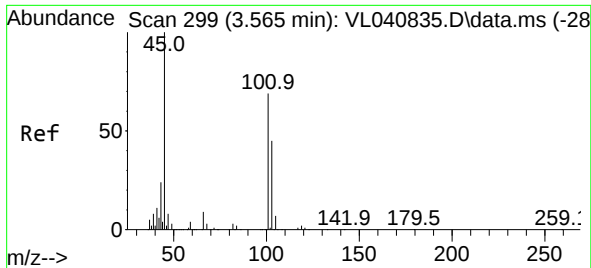


#18
1,1-Dichloroethene
Concen: 0.637 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40



Tgt Ion: 96 Resp: 29721
Ion Ratio Lower Upper
96 100
61 161.8 152.6 228.8
98 59.7 49.2 73.8





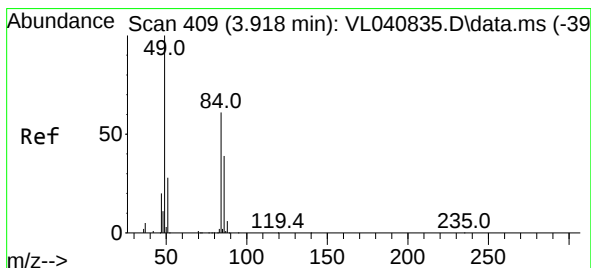
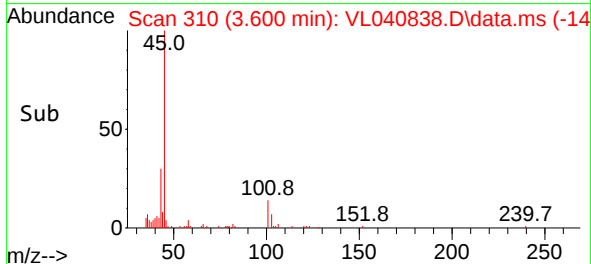
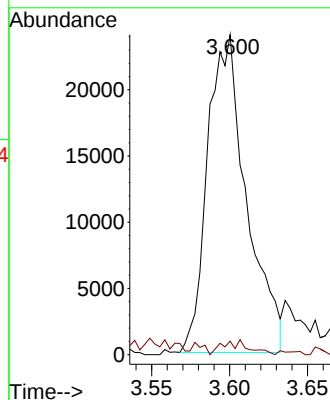
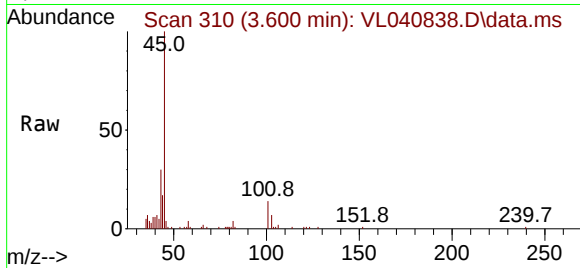
#19
Isopropyl Alcohol
Concen: 0.606 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.035 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 41679
Ion Ratio Lower Upper
45 100
58 5.2 1.6 2.4

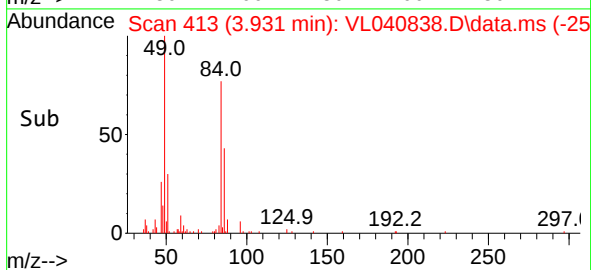
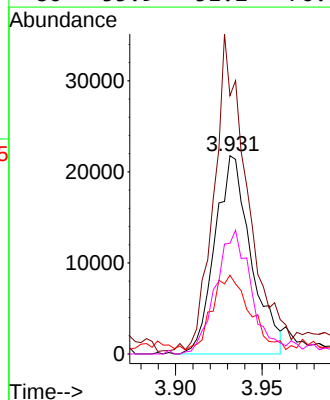
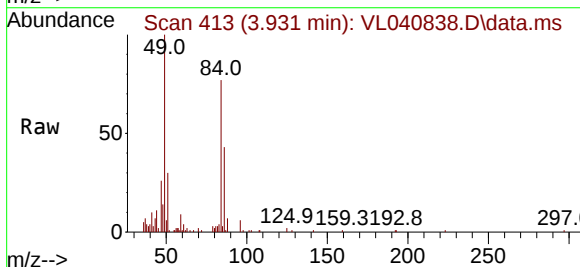
Manual Integrations
APPROVED

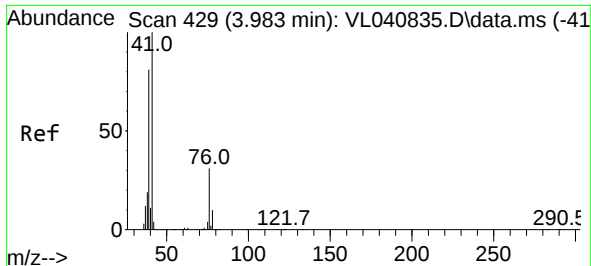
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#20
Methylene Chloride
Concen: 0.687 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 84 Resp: 31557
Ion Ratio Lower Upper
84 100
49 125.1 131.0 196.4#
51 35.8 36.9 55.3#
86 55.9 51.2 76.8





#21

Allyl Chloride

Concen: 0.539 ppbv

RT: 3.993 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

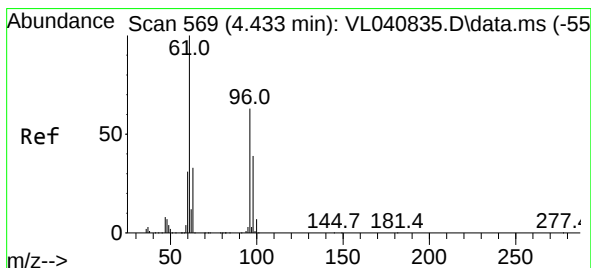
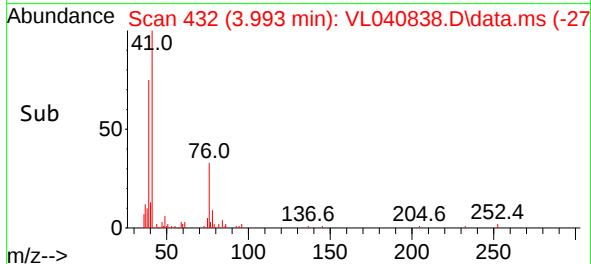
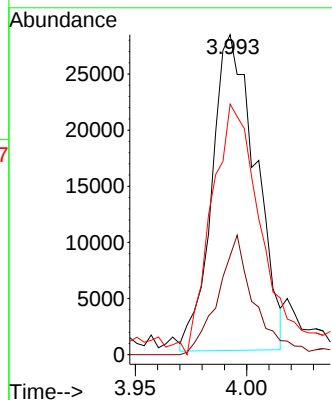
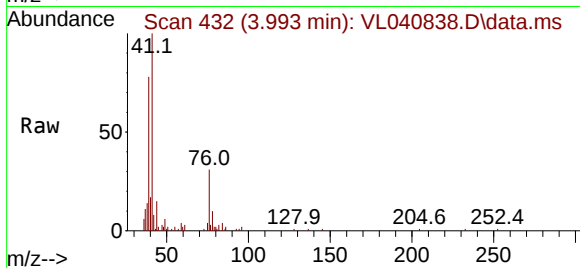
Tgt Ion: 41 Resp: 38480

Ion	Ratio	Lower	Upper
41	100		
76	32.1	24.3	36.5
39	103.1	68.6	103.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#22

trans-1,2-Dichloroethene

Concen: 0.576 ppbv

RT: 4.443 min Scan# 572

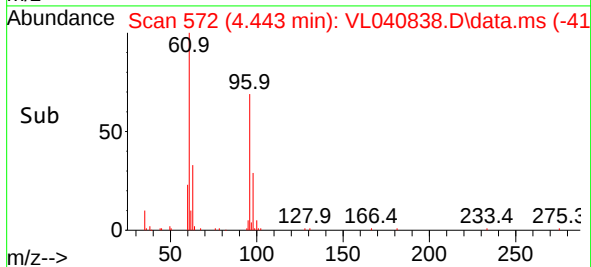
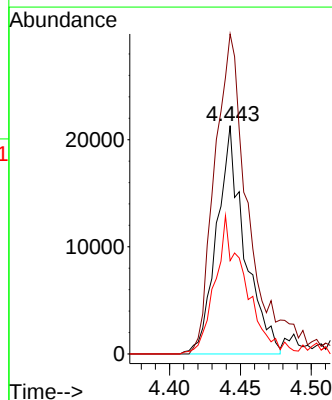
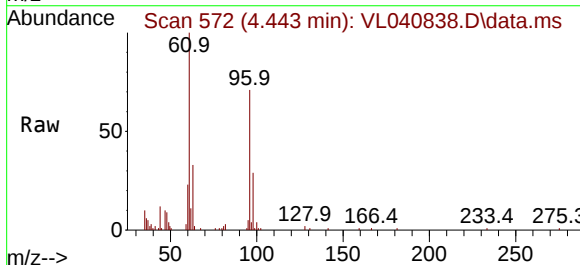
Delta R.T. 0.010 min

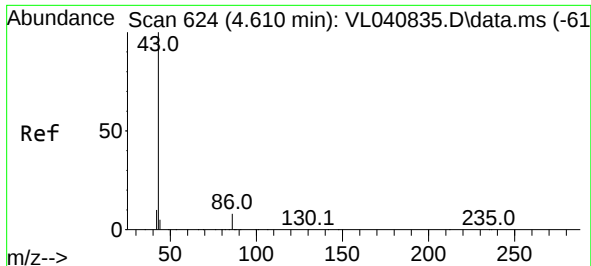
Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion: 96 Resp: 29109

Ion	Ratio	Lower	Upper
96	100		
61	154.9	126.8	190.2
98	40.9	49.9	74.9





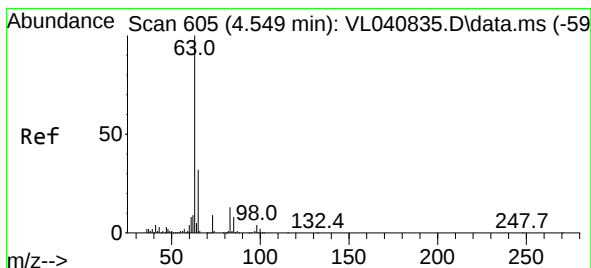
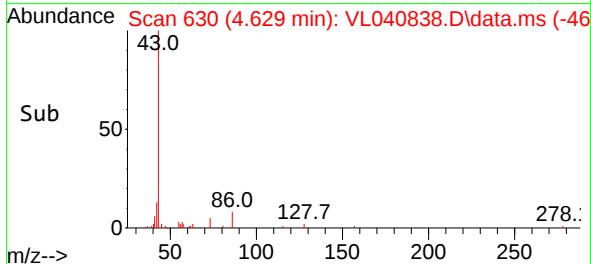
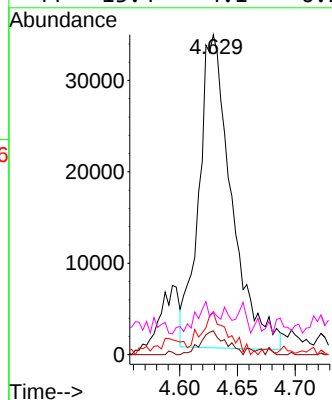
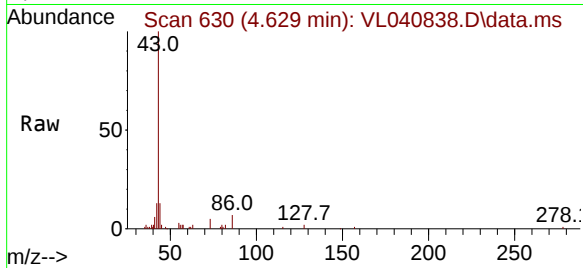
#23
 Vinyl Acetate
 Concen: 0.470 ppbv m
 RT: 4.629 min Scan# 61
 Delta R.T. 0.019 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 67240
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.5 8.3
 42 13.3 8.2 12.2
 44 13.4 4.1 6.1#

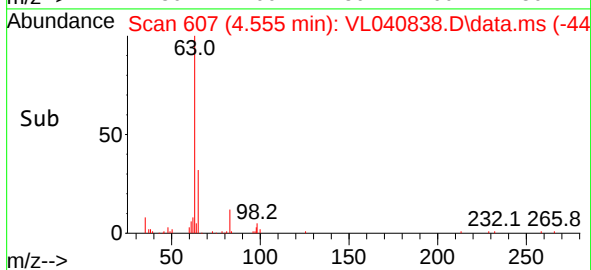
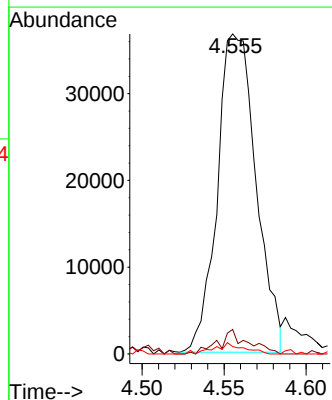
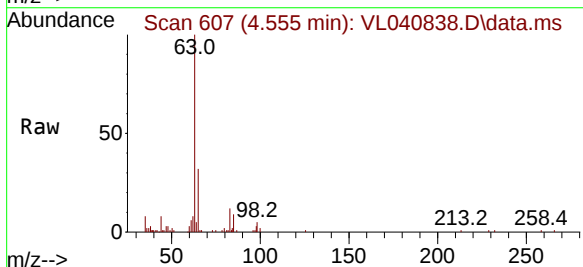
Manual Integrations
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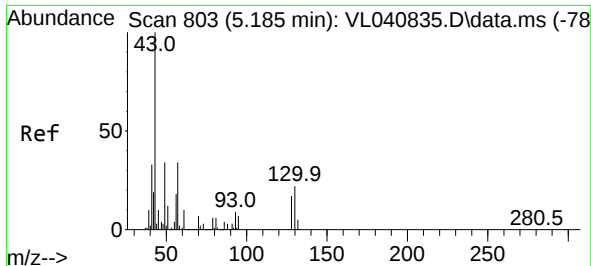
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 0.545 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.007 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

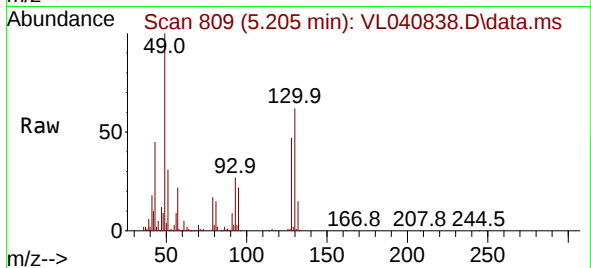
Tgt Ion: 63 Resp: 60283
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.2 6.6#
 100 2.3 1.0 3.0





#25
Ethyl Acetate
Concen: 0.505 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.019 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

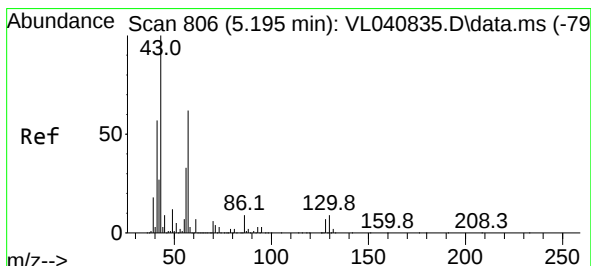
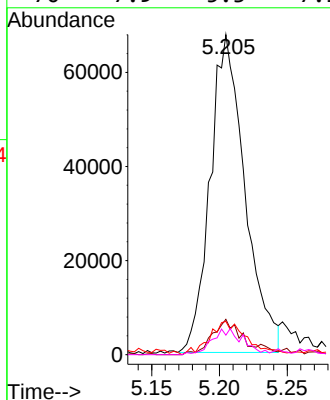
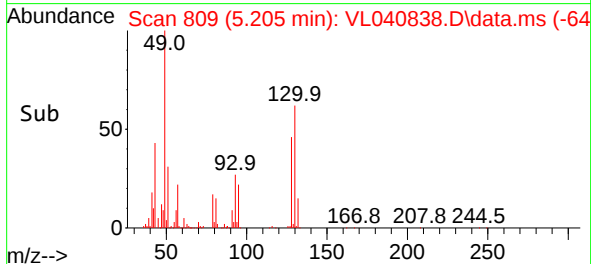
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



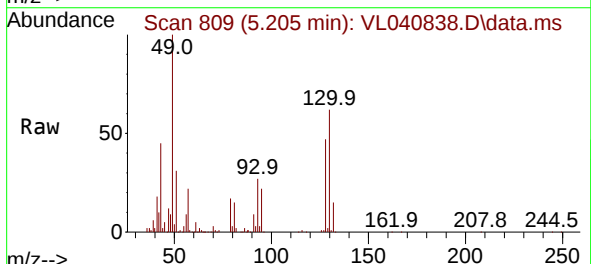
Tgt Ion: 43 Resp: 12065
Ion Ratio Lower Upper
43 100
45 11.4 8.1 12.1
61 12.0 7.8 11.6
70 7.9 5.3 7.9

Manual Integrations
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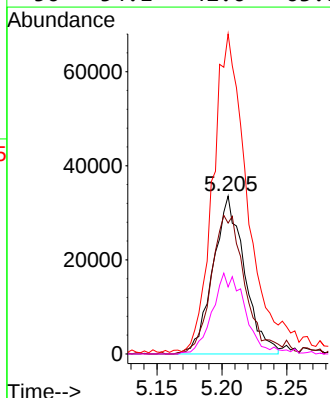
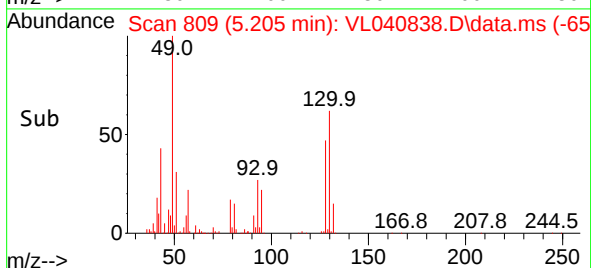
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

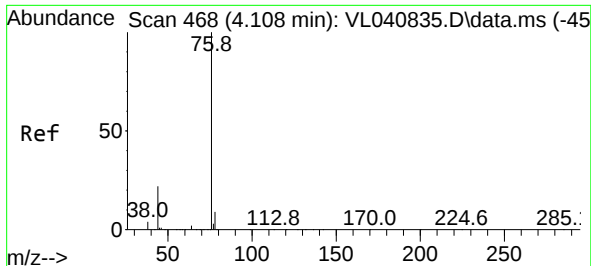


#26
Hexane
Concen: 0.519 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40



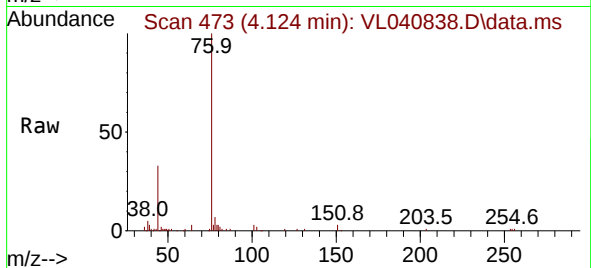
Tgt Ion: 57 Resp: 56530
Ion Ratio Lower Upper
57 100
41 96.1 75.2 112.8
43 241.1 185.4 278.2
56 54.1 42.6 63.8





#27
Carbon Disulfide
Concen: 0.580 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

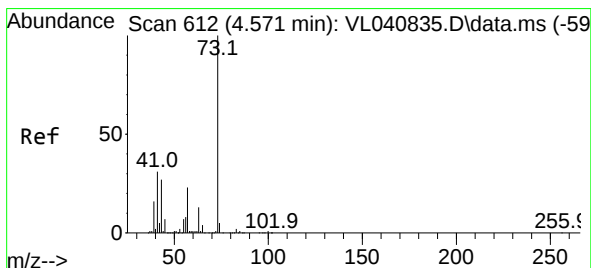
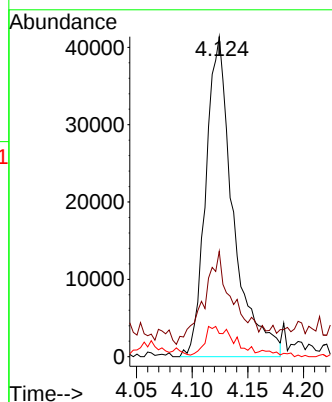
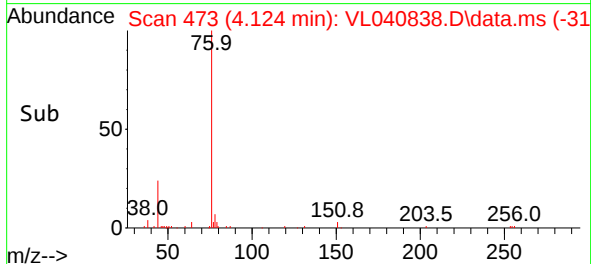
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 70890
Ion Ratio Lower Upper
76 100
44 25.1 16.6 24.8
78 11.6 7.7 11.5

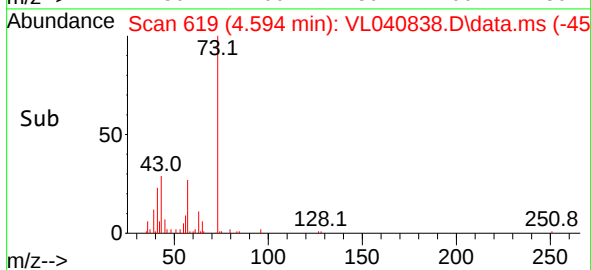
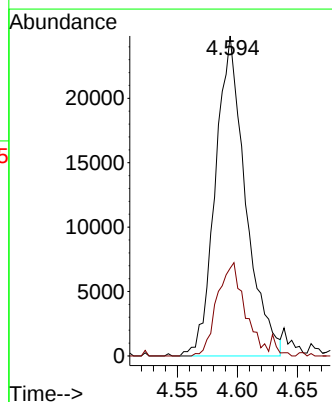
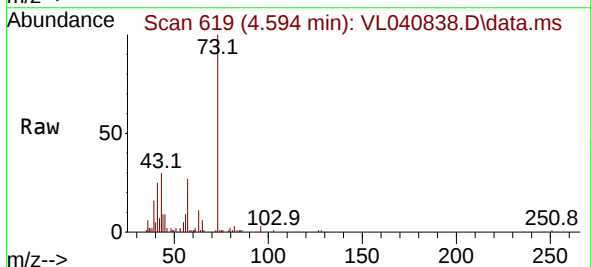
Manual Integrations
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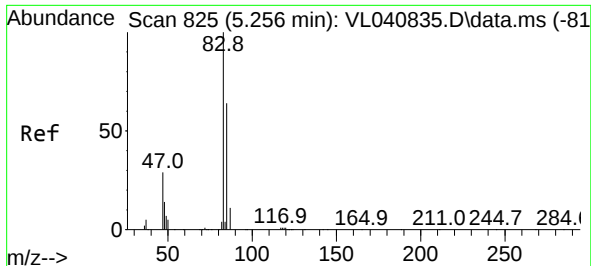
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#28
Methyl tert-Butyl Ether
Concen: 0.496 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 73 Resp: 43407
Ion Ratio Lower Upper
73 100
57 28.5 18.0 27.0





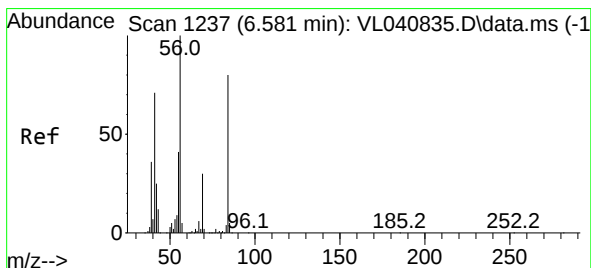
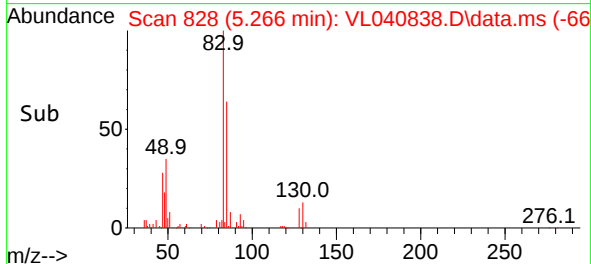
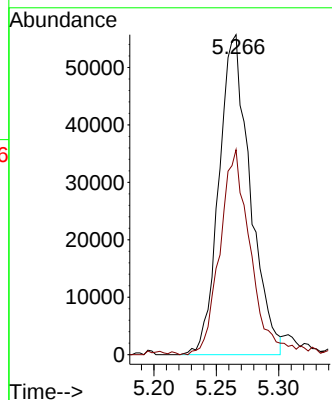
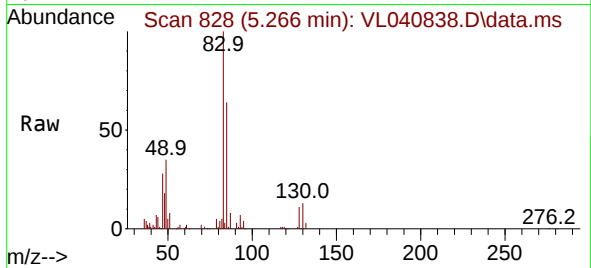
#29
Chloroform
Concen: 0.601 ppbv
RT: 5.266 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 97144
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.0

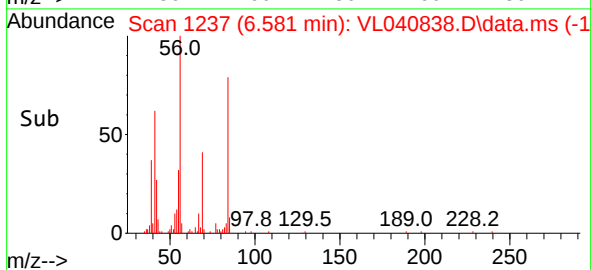
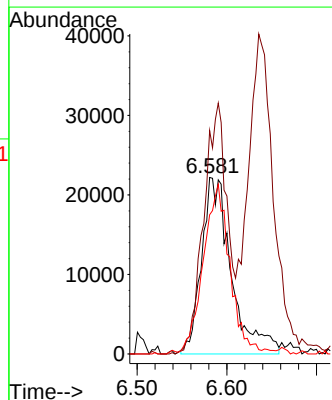
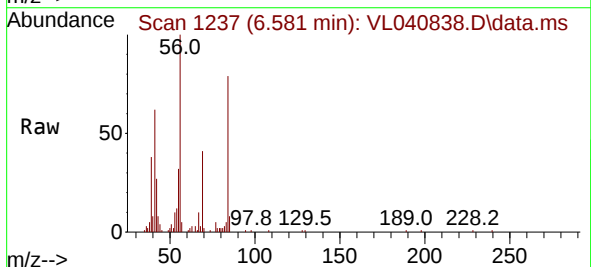
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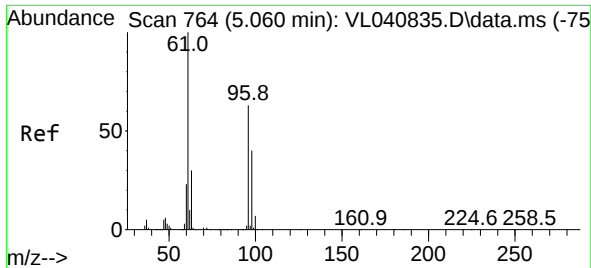
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#30
Cyclohexane
Concen: 0.557 ppbv m
RT: 6.581 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 84 Resp: 51436
Ion Ratio Lower Upper
84 100
56 109.4 109.3 163.9
41 87.6 71.4 107.2





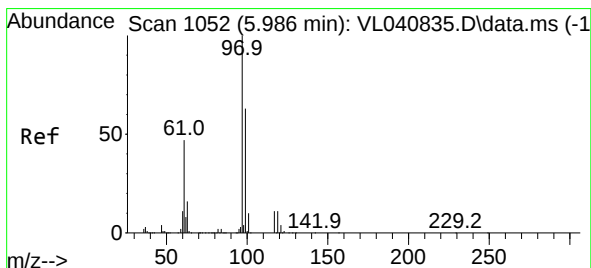
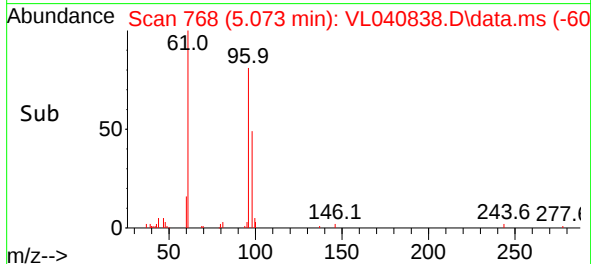
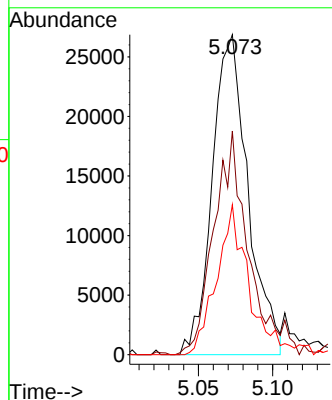
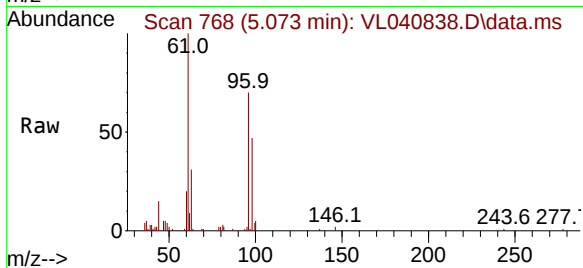
#31
 cis-1,2-Dichloroethene
 Concen: 0.441 ppbv
 RT: 5.073 min Scan# 764
 Delta R.T. 0.013 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 44970
 Ion Ratio Lower Upper
 61 100
 96 69.3 50.5 75.7
 98 46.8 31.9 47.9

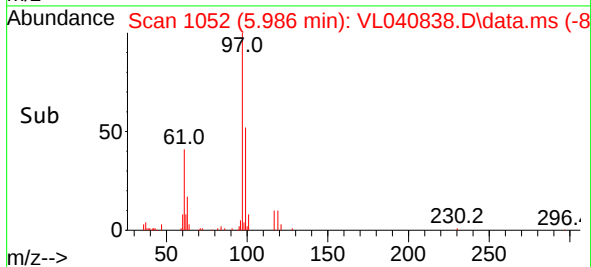
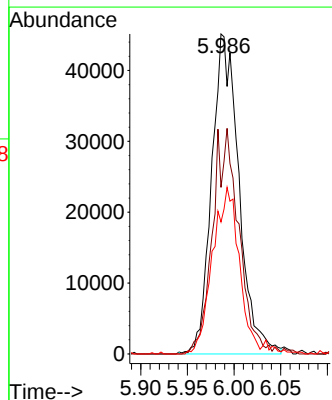
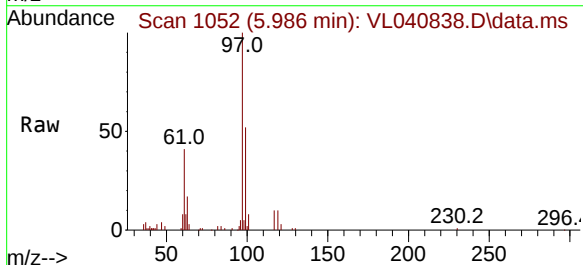
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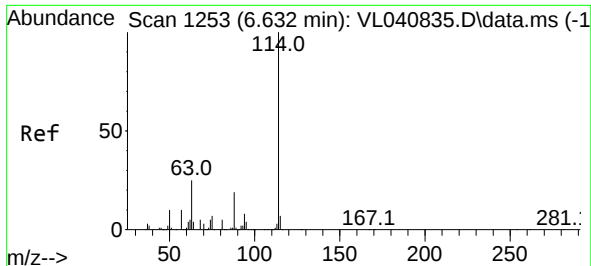
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.538 ppbv m
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.000 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

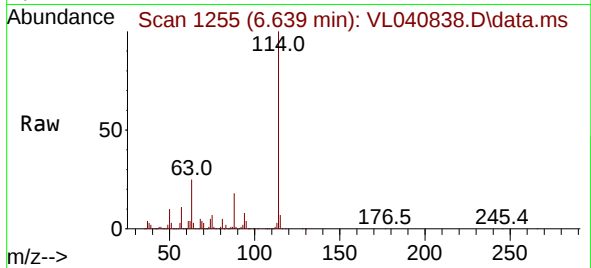
Tgt Ion: 97 Resp: 91616
 Ion Ratio Lower Upper
 97 100
 99 68.6 52.2 78.4
 61 52.6 41.0 61.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

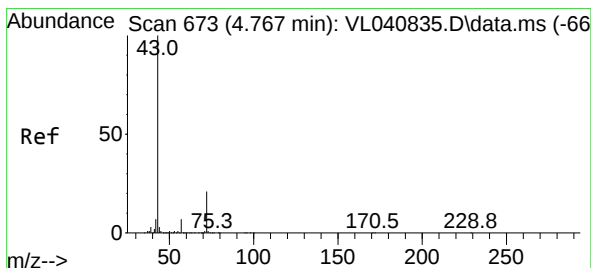
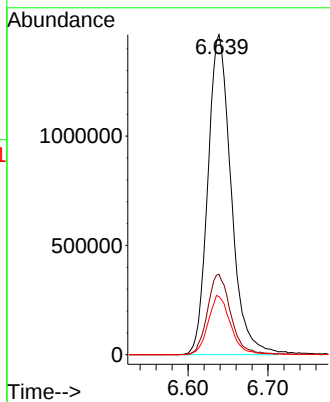
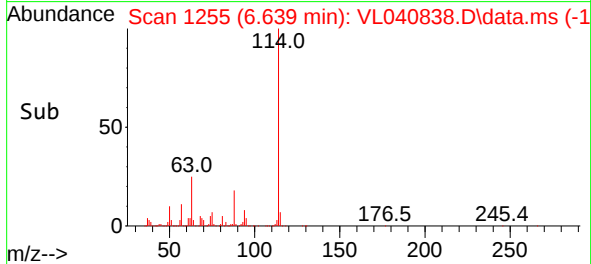
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:114 Resp: 2957094
Ion Ratio Lower Upper
114 100
63 25.5 20.7 31.1
88 18.1 14.3 21.5

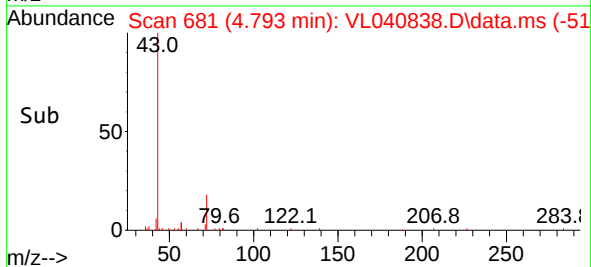
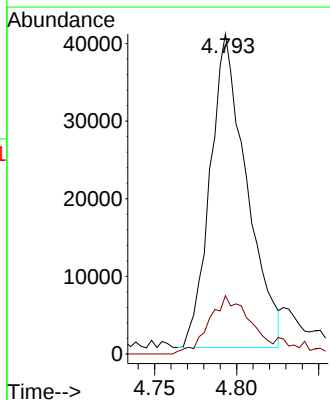
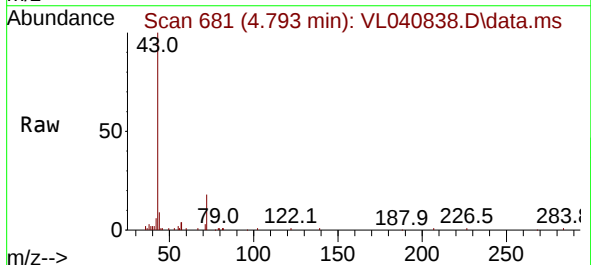
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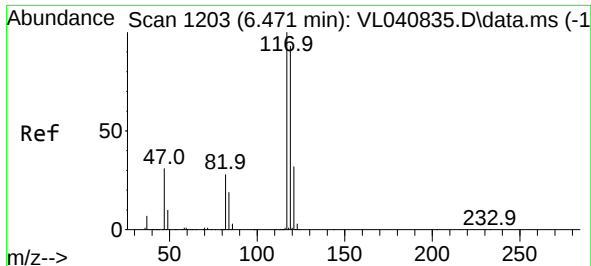
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#34
2-Butanone
Concen: 0.443 ppbv
RT: 4.793 min Scan# 681
Delta R.T. 0.026 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 43 Resp: 62487
Ion Ratio Lower Upper
43 100
72 24.6 17.2 25.8





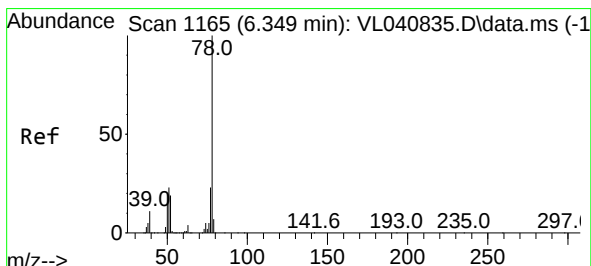
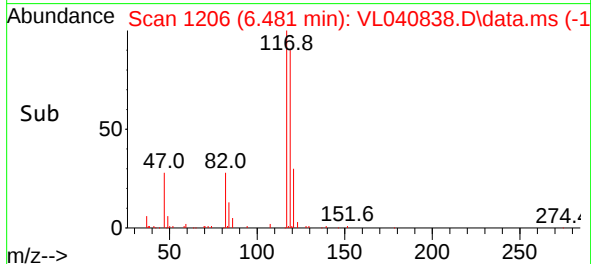
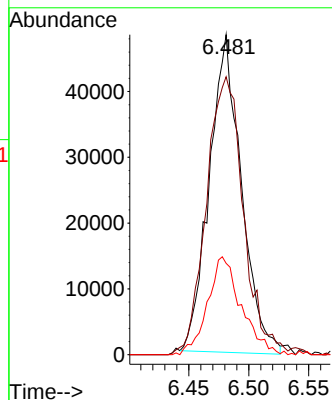
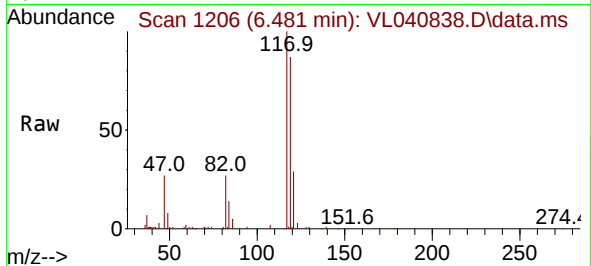
#35
Carbon Tetrachloride
Concen: 0.532 ppbv
RT: 6.481 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 117 Resp: 89754
Ion Ratio Lower Upper
117 100
119 85.6 74.7 112.1
121 28.9 25.5 38.3

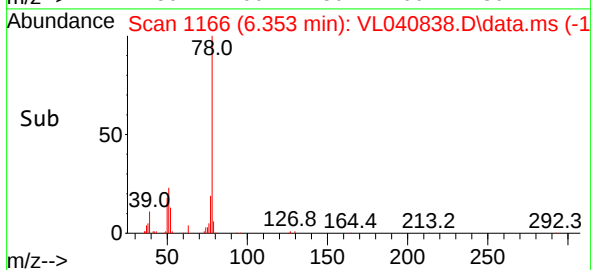
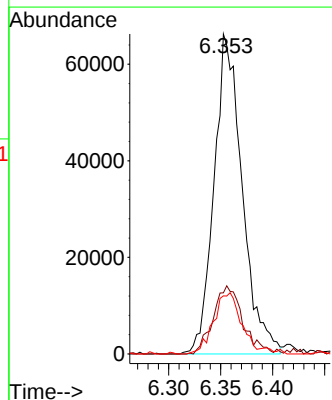
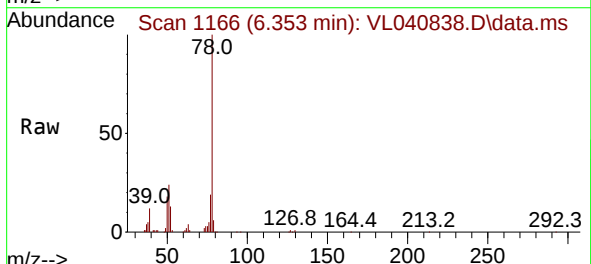
Manual Integrations
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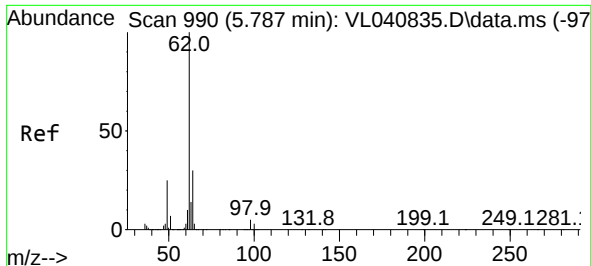
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#36
Benzene
Concen: 0.548 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 78 Resp: 124659
Ion Ratio Lower Upper
78 100
77 19.1 18.4 27.6
50 18.2 16.2 24.2





#37

1,2-Dichloroethane

Concen: 0.581 ppbv

RT: 5.793 min Scan# 990

Delta R.T. 0.006 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 62 Resp: 6966

Ion Ratio Lower Upper

62 100

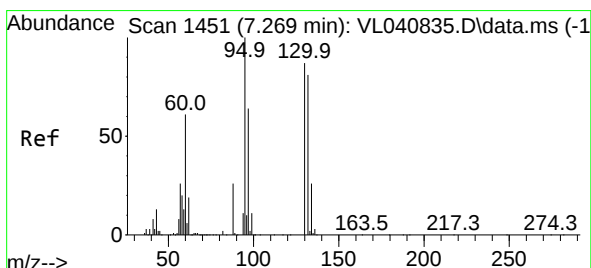
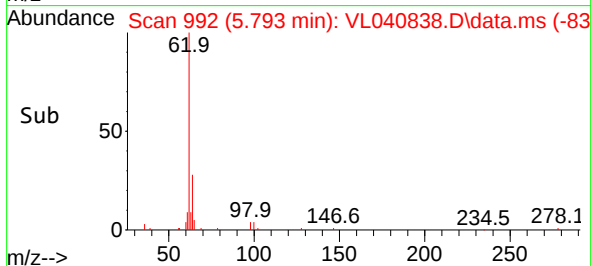
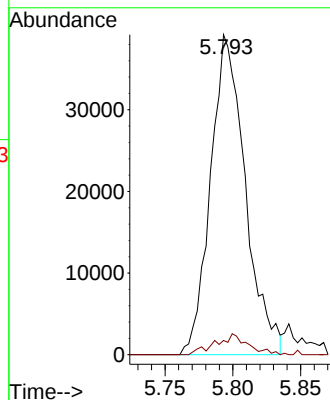
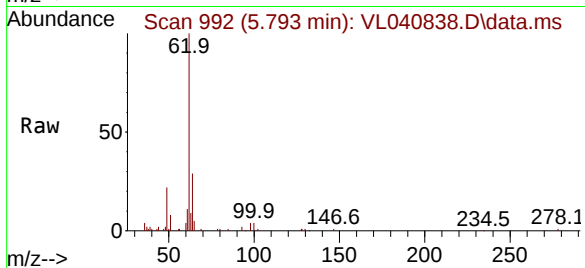
98 6.2 4.6 6.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#38

Trichloroethene

Concen: 0.473 ppbv m

RT: 7.272 min Scan# 1452

Delta R.T. 0.003 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion:130 Resp: 47397

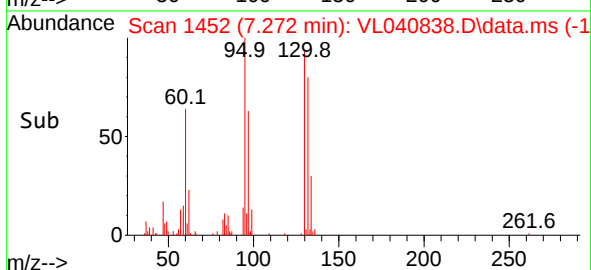
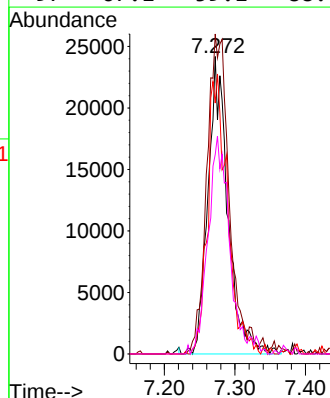
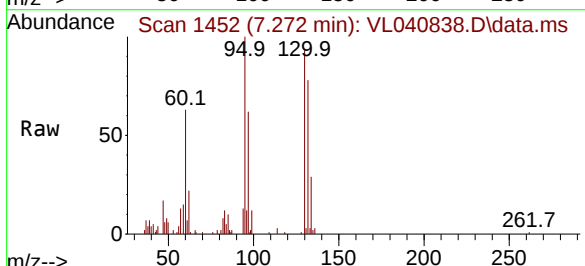
Ion Ratio Lower Upper

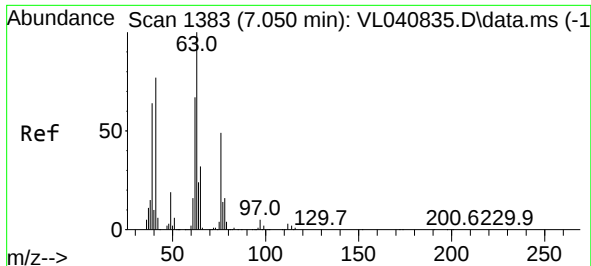
130 100

95 107.6 92.4 138.6

132 84.4 75.1 112.7

97 67.1 59.1 88.7





#39

1,2-Dichloropropane

Concen: 0.562 ppbv m

RT: 7.060 min Scan# 1462

Delta R.T. 0.010 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

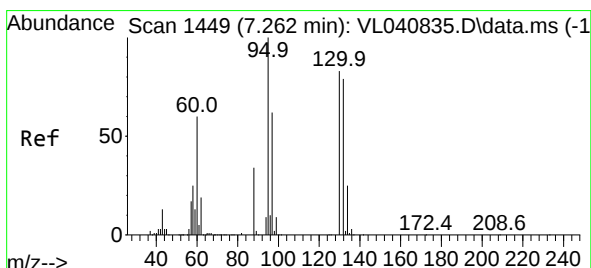
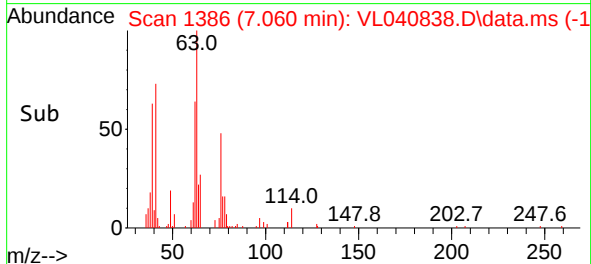
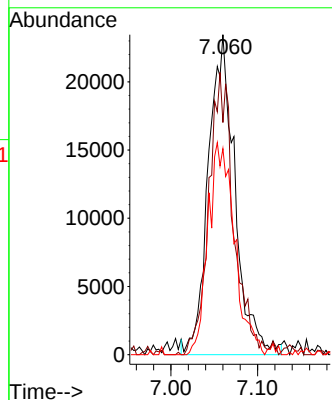
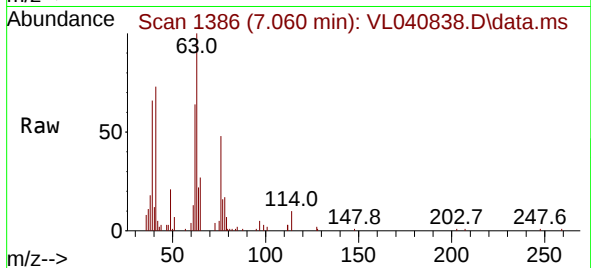
VSTDICC0.5

Tgt Ion:	63	Resp:	4997
Ion	Ratio	Lower	Upper
63	100		
41	72.5	61.5	92.3
62	64.4	53.9	80.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#40

1,4-Dioxane

Concen: 0.617 ppbv m

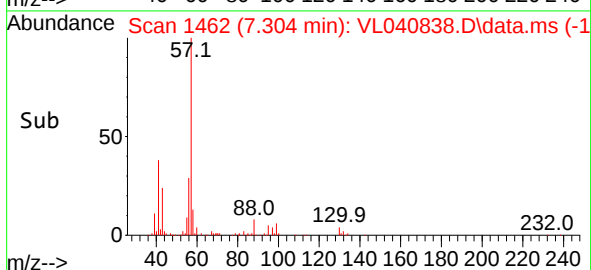
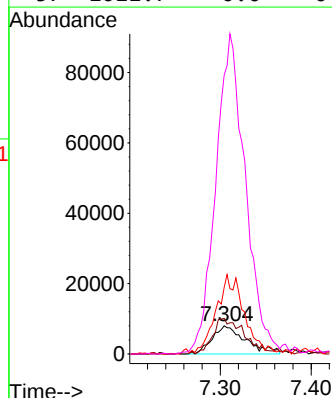
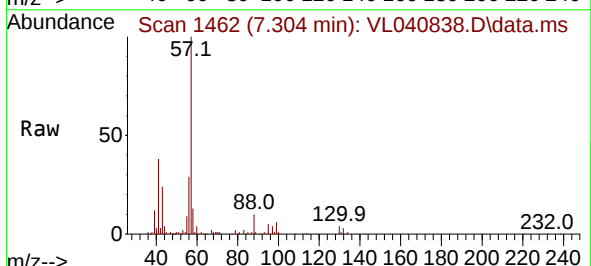
RT: 7.304 min Scan# 1462

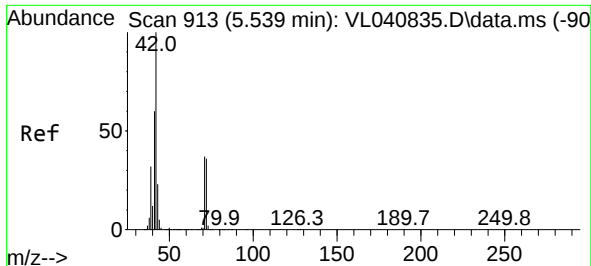
Delta R.T. 0.042 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion:	88	Resp:	20536
Ion	Ratio	Lower	Upper
88	100		
58	124.9	101.5	152.3
43	240.1	0.0	0.0#
57	1011.7	0.0	0.0#





#41

Tetrahydrofuran

Concen: 0.501 ppbv

RT: 5.574 min Scan# 91

Delta R.T. 0.035 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

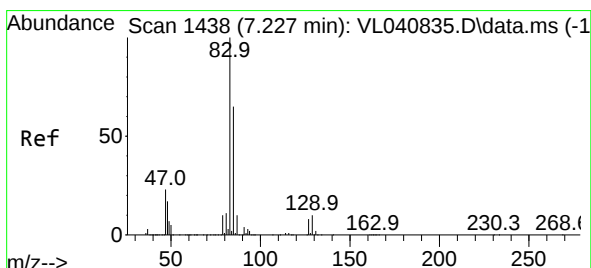
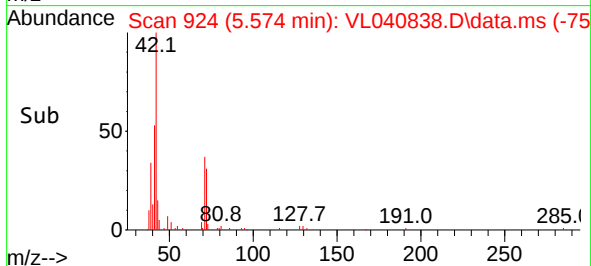
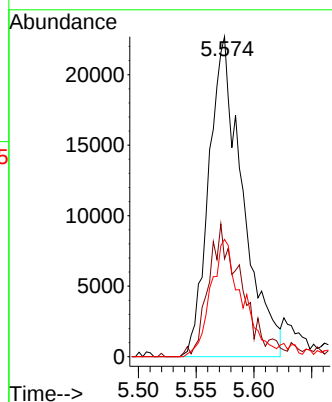
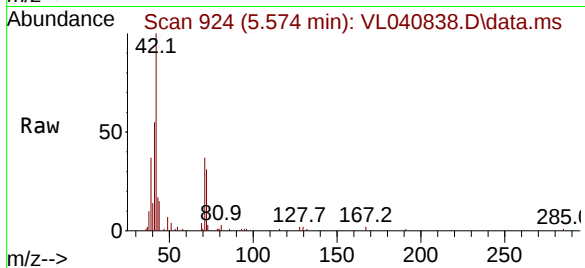
VSTDICC0.5

Tgt Ion:	42	Resp:	46094
Ion Ratio	Lower	Upper	
42	100		
72	42.9	30.8	46.2
71	36.6	30.0	45.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#42

Bromodichloromethane

Concen: 0.566 ppbv

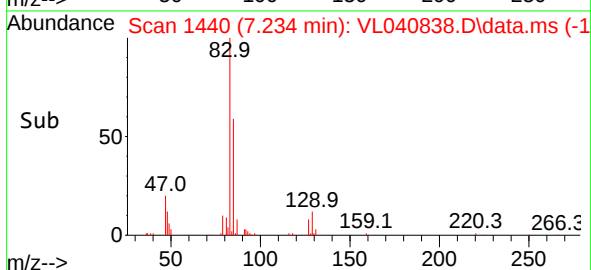
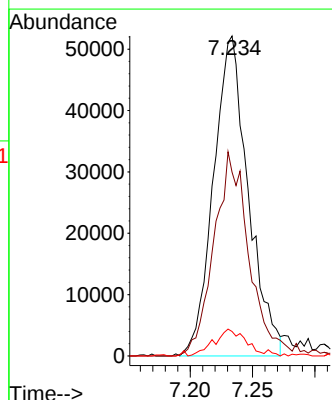
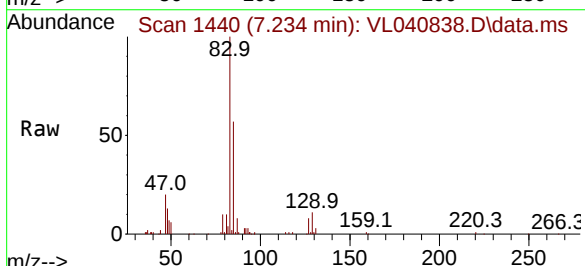
RT: 7.234 min Scan# 1440

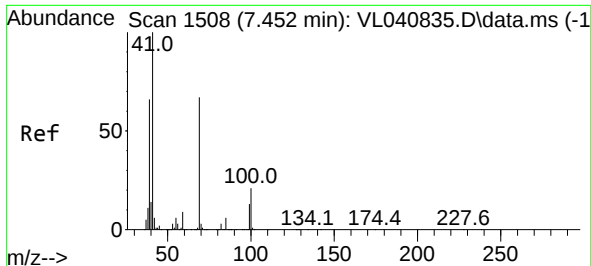
Delta R.T. 0.006 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion:	83	Resp:	101170
Ion Ratio	Lower	Upper	
83	100		
85	57.0	52.3	78.5
127	7.7	6.6	10.0





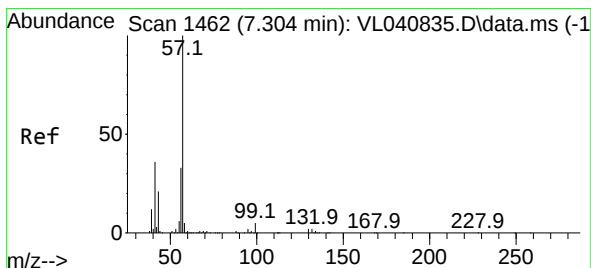
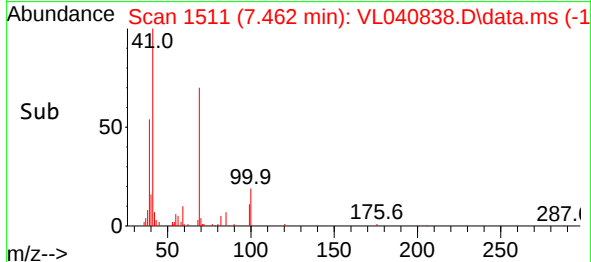
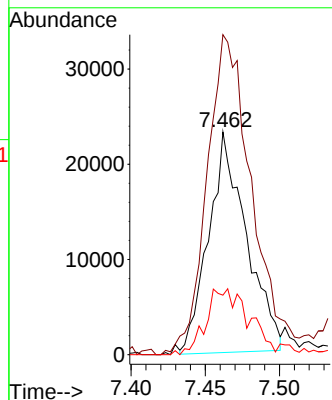
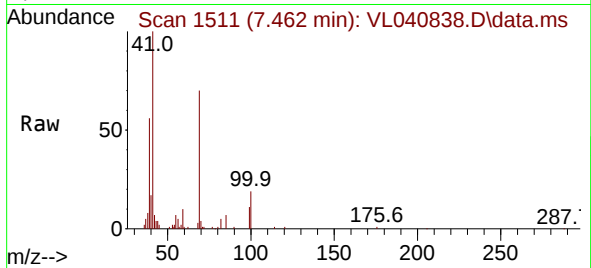
#43
Methyl Methacrylate
Concen: 0.452 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 41075
Ion Ratio Lower Upper
69 100
41 170.5 123.5 185.3
100 35.9 25.4 38.2

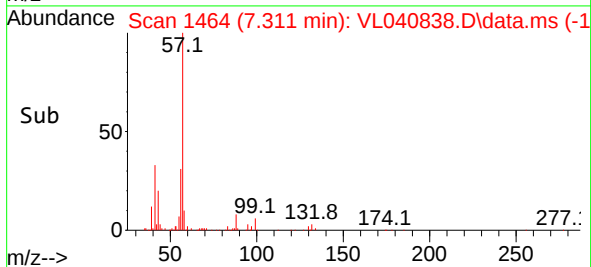
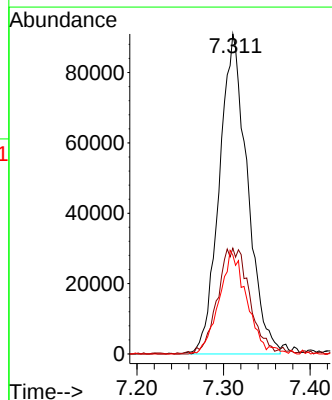
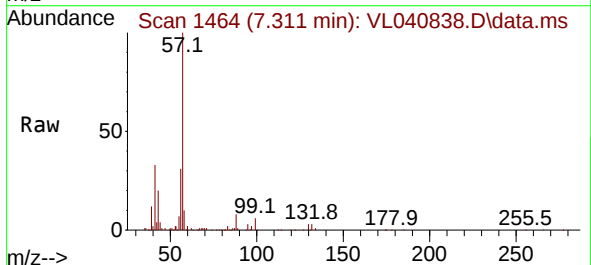
Manual Integrations
APPROVED

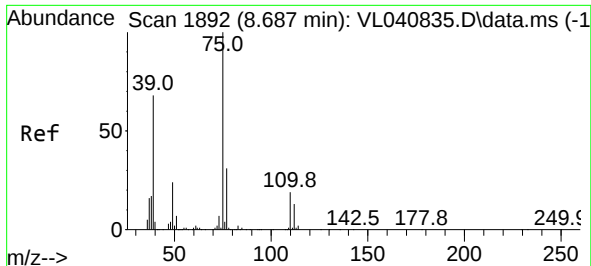
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44
2,2,4-Trimethylpentane
Concen: 0.534 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.007 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 57 Resp: 205499
Ion Ratio Lower Upper
57 100
41 38.0 29.0 43.6
56 32.2 25.2 37.8





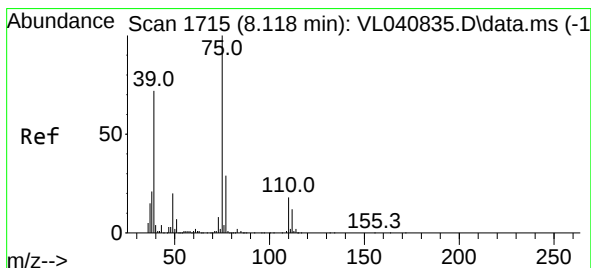
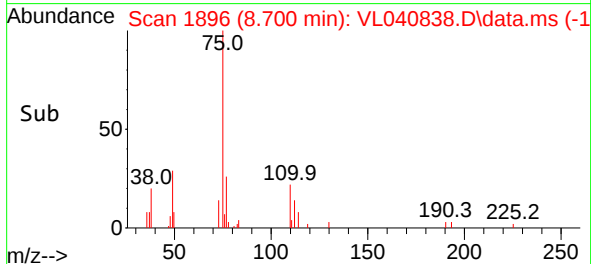
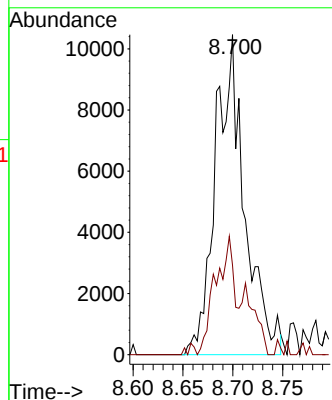
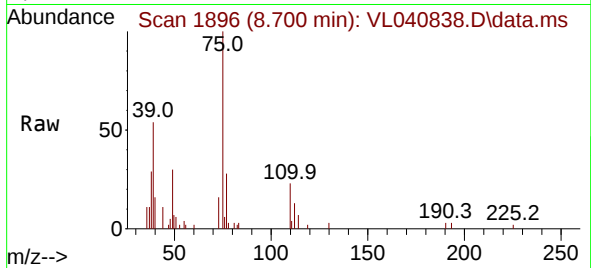
#45
t-1,3-Dichloropropene
Concen: 0.312 ppbv m
RT: 8.700 min Scan# 1718
Delta R.T. 0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 21264
Ion Ratio Lower Upper
75 100
77 28.0 24.9 37.3

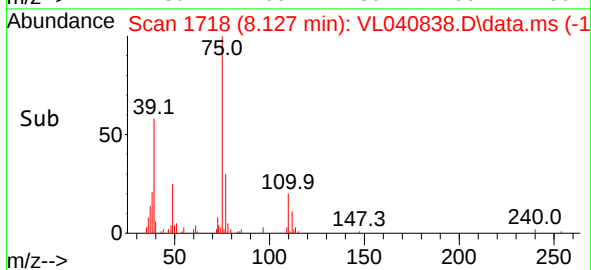
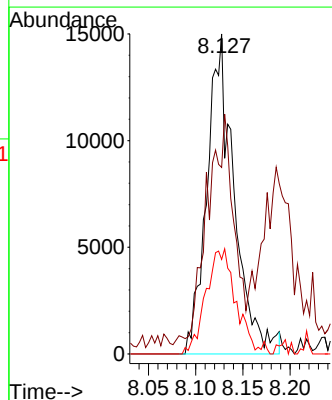
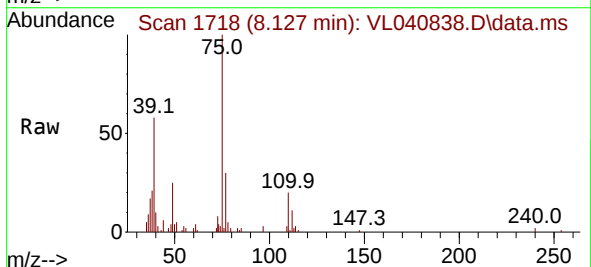
Manual Integrations
APPROVED

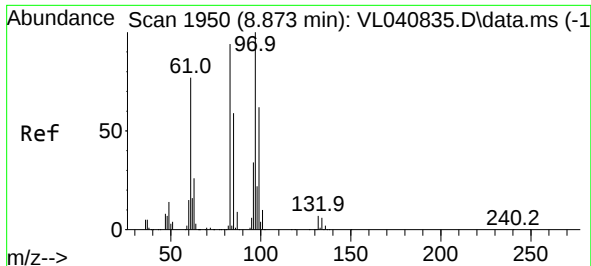
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#46
cis-1,3-Dichloropropene
Concen: 0.354 ppbv m
RT: 8.127 min Scan# 1718
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 75 Resp: 30049
Ion Ratio Lower Upper
75 100
39 58.3 57.3 85.9
77 29.6 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 0.536 ppbv m

RT: 8.883 min Scan# 1950

Delta R.T. 0.010 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

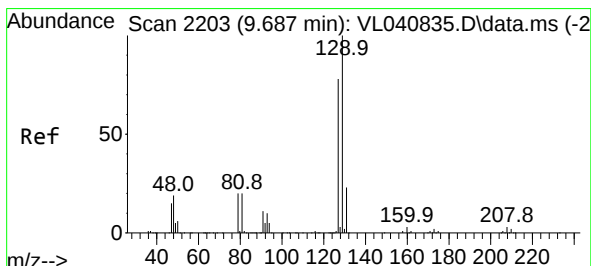
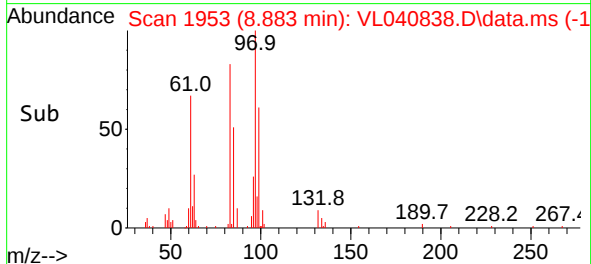
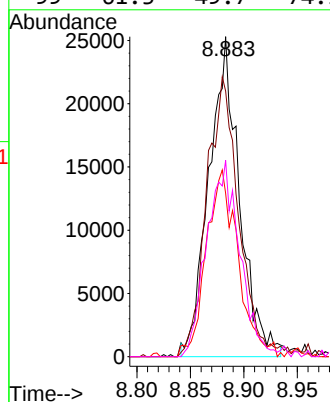
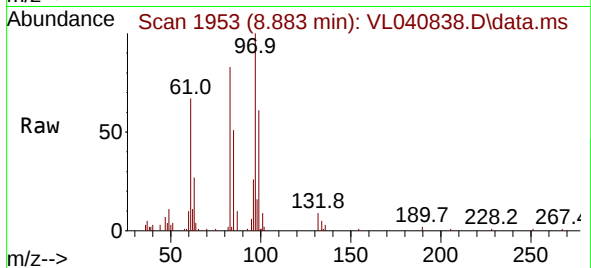
VSTDICC0.5

Tgt Ion:	97	Resp:	50199
Ion	Ratio	Lower	Upper
97	100		
83	83.0	74.8	112.2
85	51.1	47.4	71.0
99	61.3	49.7	74.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48

Dibromochloromethane

Concen: 0.491 ppbv m

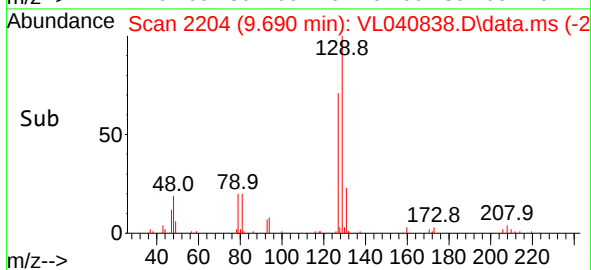
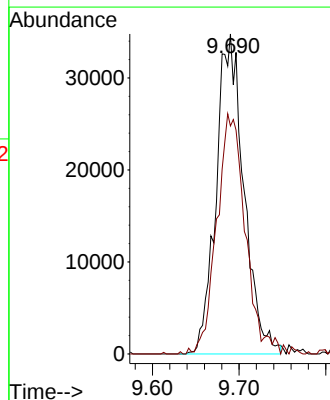
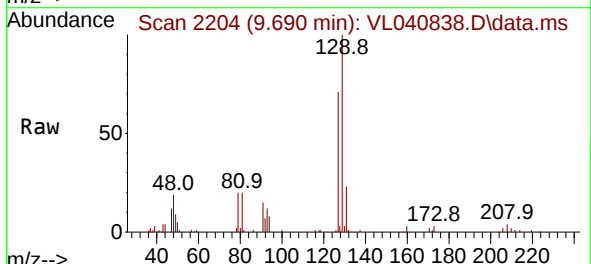
RT: 9.690 min Scan# 2204

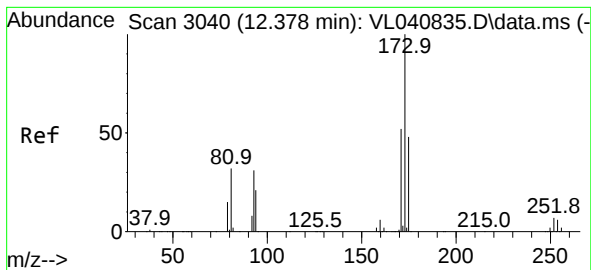
Delta R.T. 0.003 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion:	129	Resp:	77363
Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.3	117.9





#49

Bromoform

Concen: 0.432 ppbv m

RT: 12.384 min Scan# 3042

Delta R.T. 0.007 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

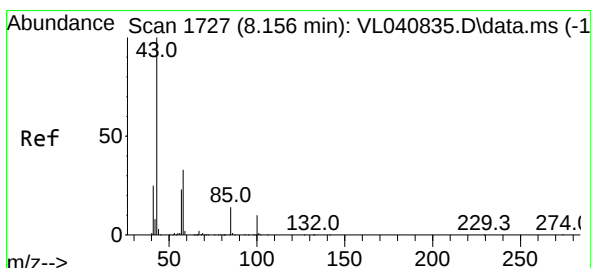
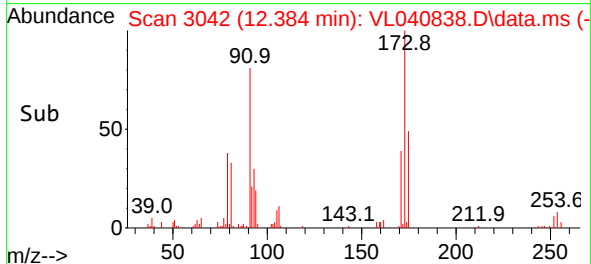
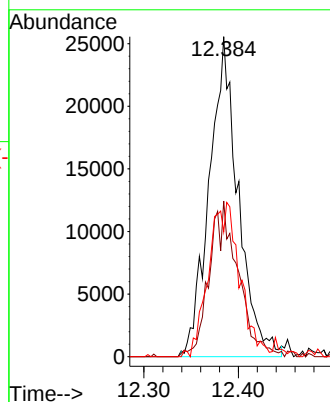
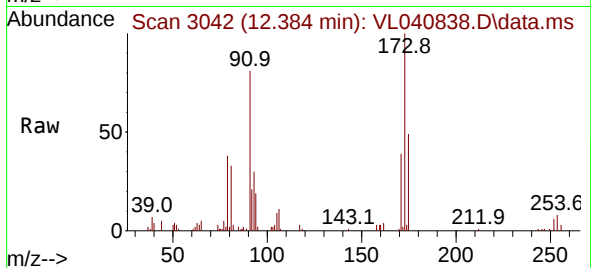
VSTDICC0.5

Tgt Ion:173	Resp: 54218
Ion Ratio	Lower Upper
173	100
175	48.4 39.1 58.7
171	51.9 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#50

4-Methyl-2-Pentanone

Concen: 0.488 ppbv

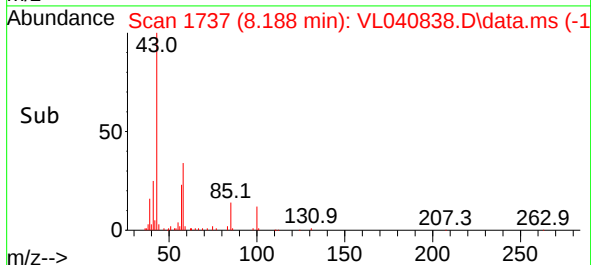
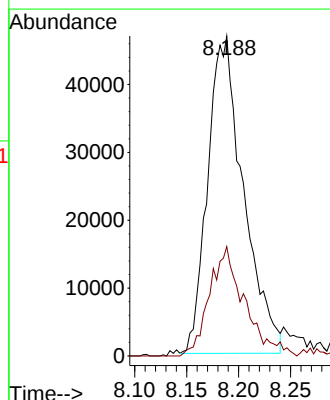
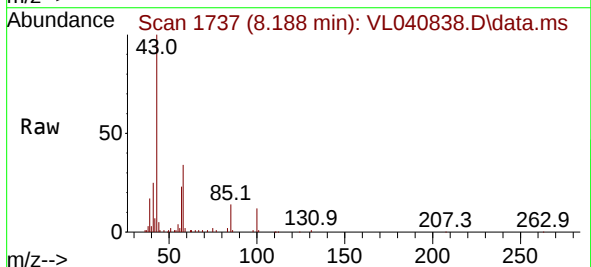
RT: 8.188 min Scan# 1737

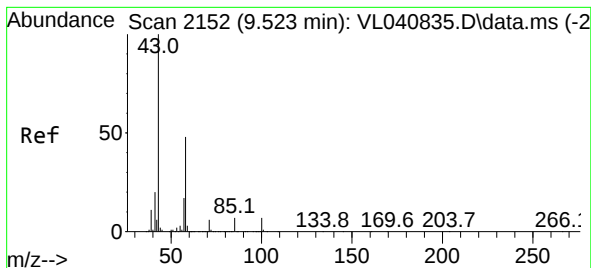
Delta R.T. 0.032 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion: 43	Resp: 111927
Ion Ratio	Lower Upper
43	100
58	34.8 27.7 41.5





#51

2-Hexanone

Concen: 0.446 ppbv m

RT: 9.558 min Scan# 2152

Delta R.T. 0.035 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

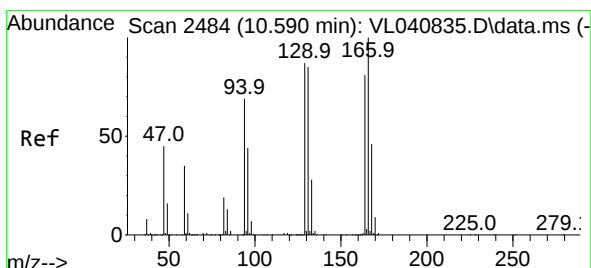
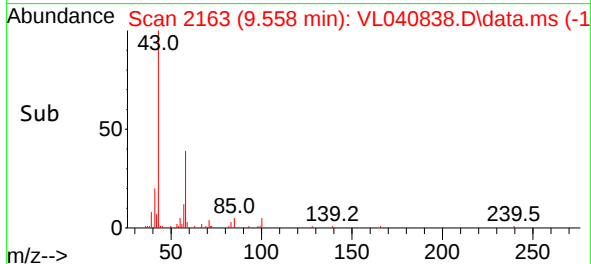
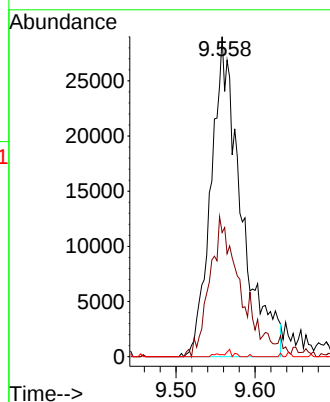
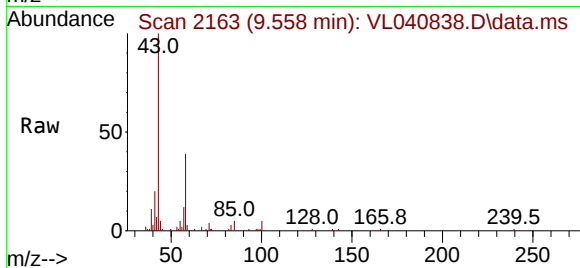
VSTDICC0.5

Tgt Ion:	43	Resp:	7729
Ion Ratio	Lower	Upper	
43	100		
58	46.9	37.4	56.0
98	0.1	0.2	0.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52

Tetrachloroethene

Concen: 0.459 ppbv m

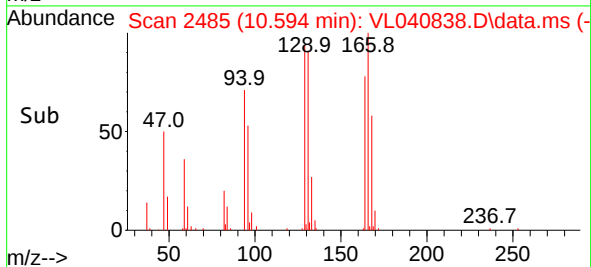
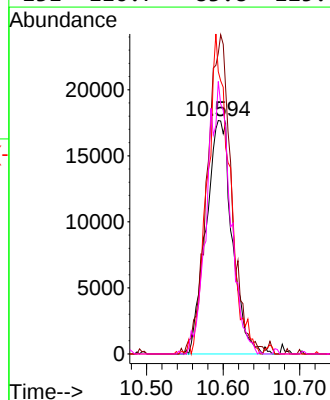
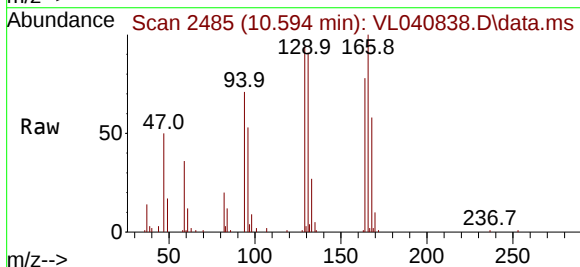
RT: 10.594 min Scan# 2485

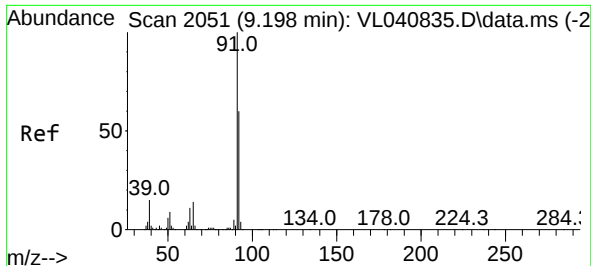
Delta R.T. 0.003 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion:	164	Resp:	41902
Ion Ratio	Lower	Upper	
164	100		
166	128.9	98.3	147.5
129	121.0	85.1	127.7
131	116.7	83.8	125.6





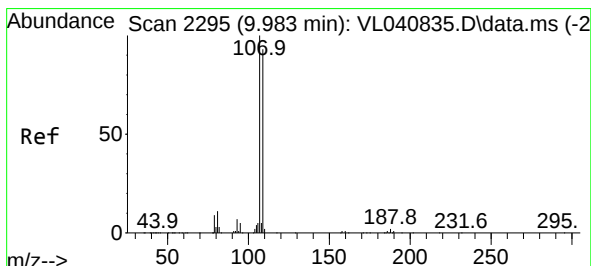
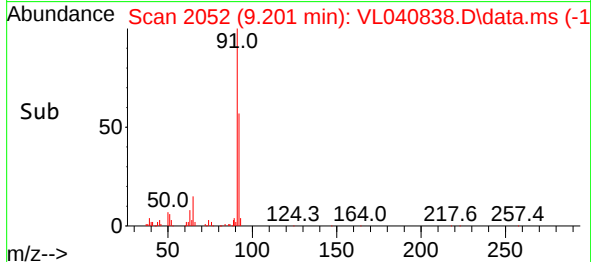
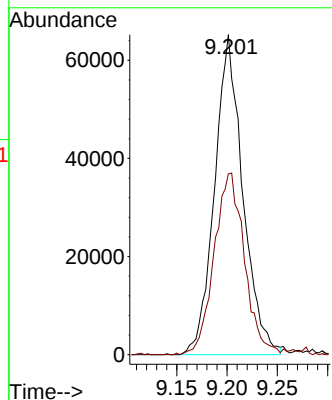
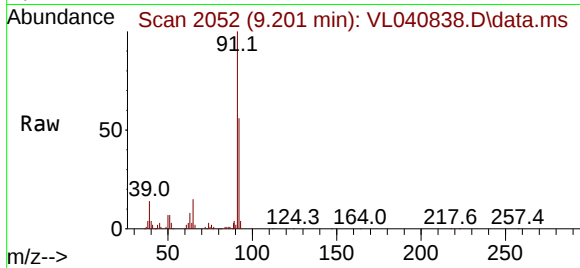
#53
Toluene
Concen: 0.472 ppbv
RT: 9.201 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 12727
Ion Ratio Lower Upper
91 100
92 62.2 49.4 74.2

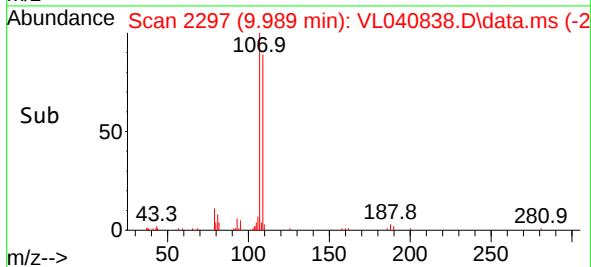
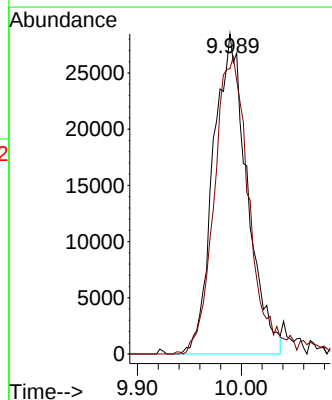
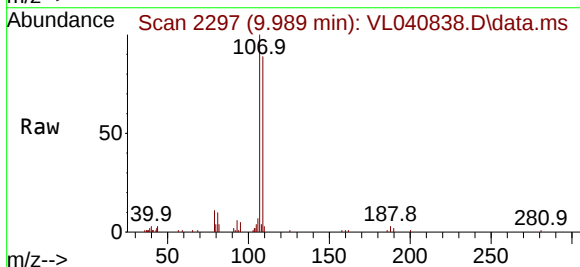
Manual Integrations
APPROVED

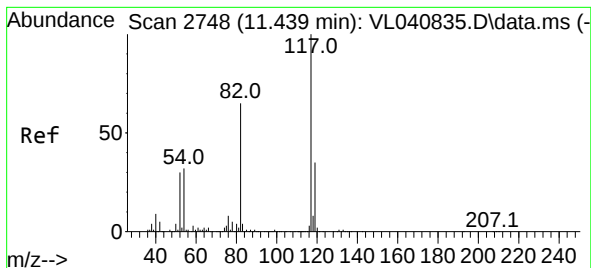
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#54
1,2-Dibromoethane
Concen: 0.497 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. 0.007 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

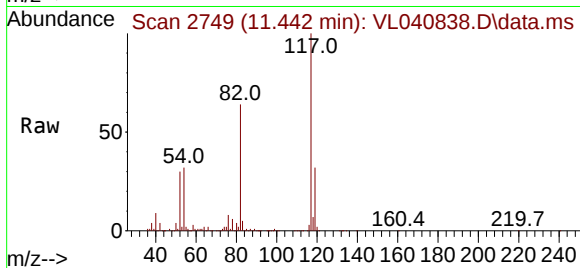
Tgt Ion:107 Resp: 64702
Ion Ratio Lower Upper
107 100
109 88.6 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

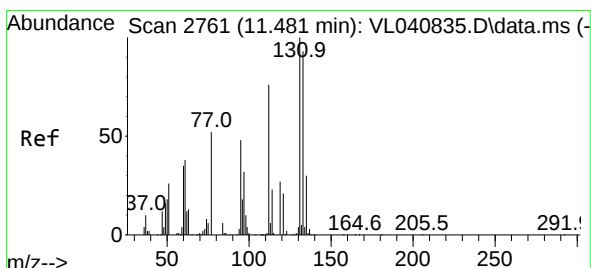
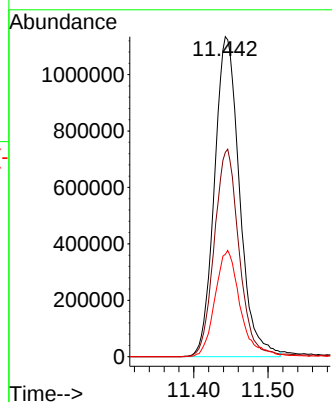
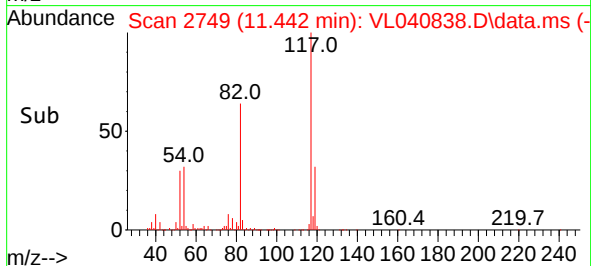
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



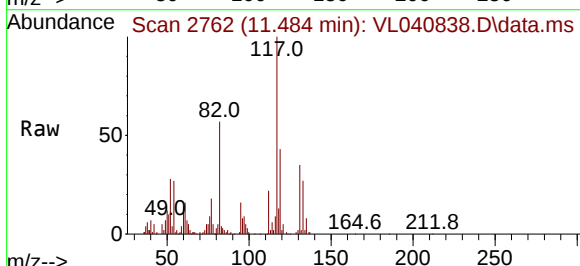
Tgt Ion:117 Resp: 266411
Ion Ratio Lower Upper
117 100
82 64.7 50.6 75.8
119 33.7 23.3 34.9

Manual Integrations
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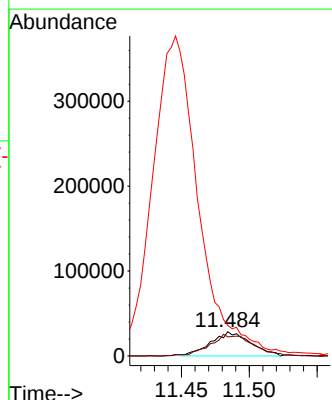
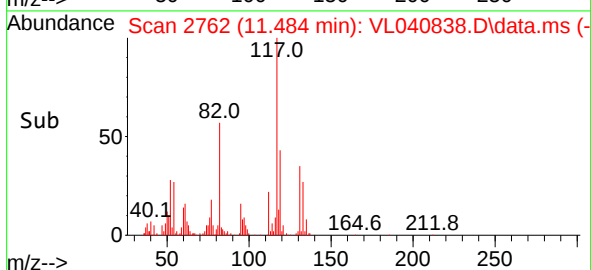
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

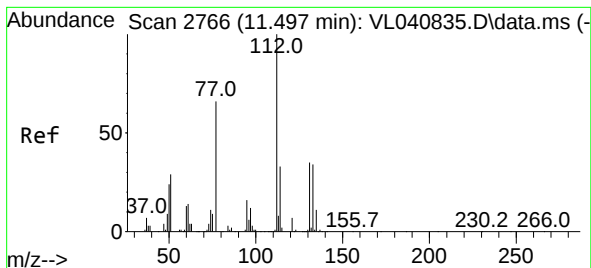


#56
1,1,1,2-Tetrachloroethane
Concen: 0.524 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40



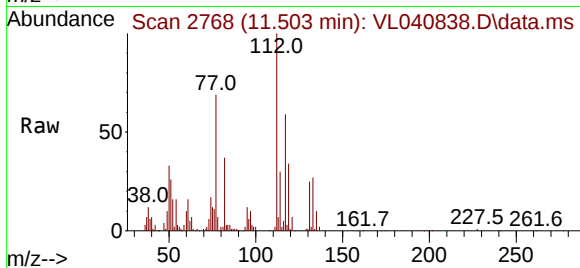
Tgt Ion:131 Resp: 57456
Ion Ratio Lower Upper
131 100
133 96.6 76.5 114.7
119 0.0 47.2 70.8#





#57
Chlorobenzene
Concen: 0.539 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.007 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

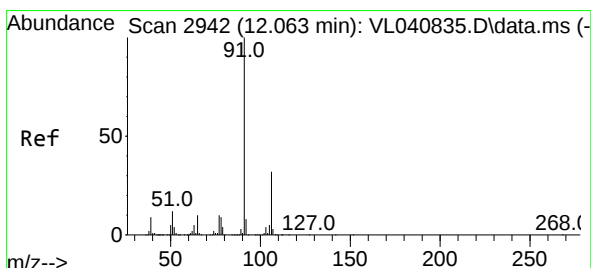
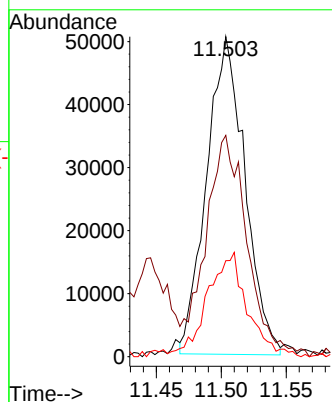
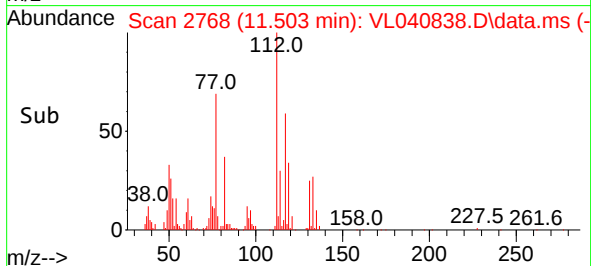
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



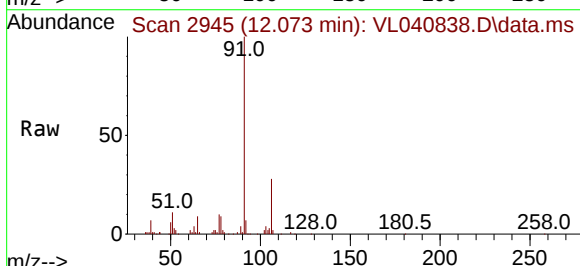
Tgt Ion:112 Resp: 10342
Ion Ratio Lower Upper
112 100
77 65.9 53.3 79.9
114 28.5 29.3 35.9

Manual Integrations
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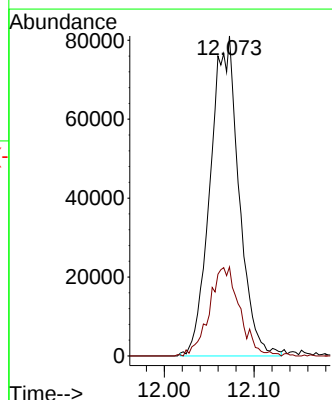
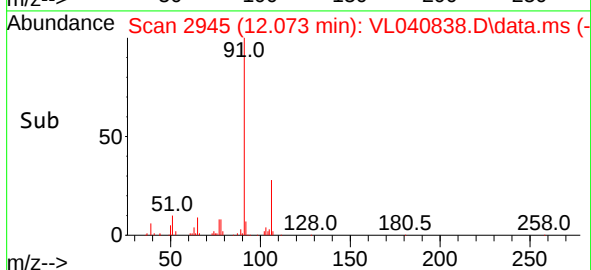
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

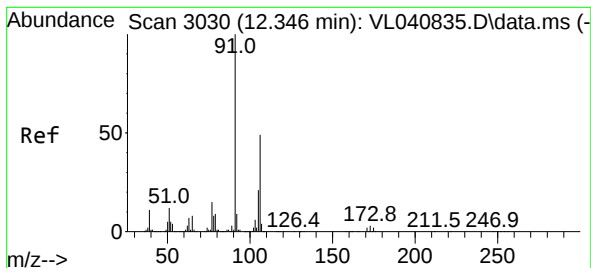


#58
Ethyl Benzene
Concen: 0.531 ppbv m
RT: 12.073 min Scan# 2945
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40



Tgt Ion: 91 Resp: 179608
Ion Ratio Lower Upper
91 100
106 27.8 25.2 37.8





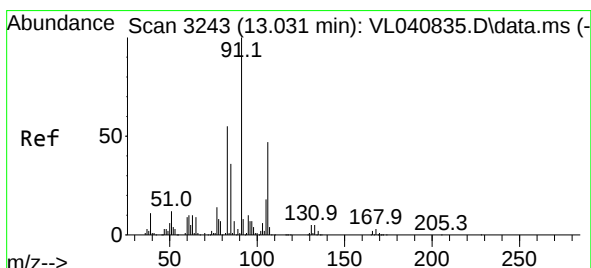
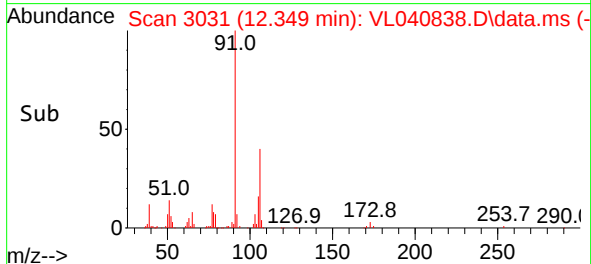
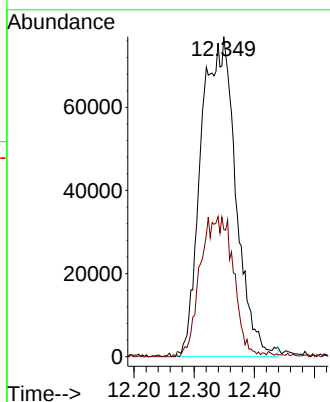
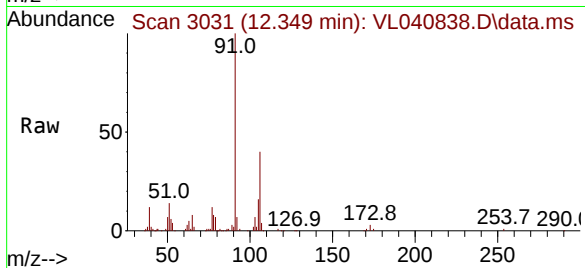
#59
m/p-Xylene
Concen: 1.103 ppbv m
RT: 12.349 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 30813
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

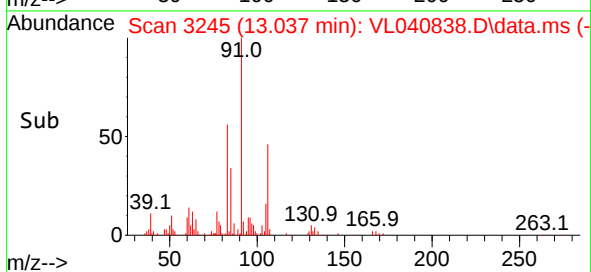
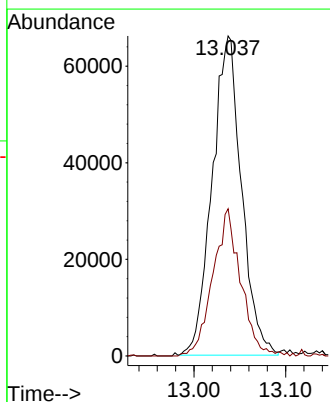
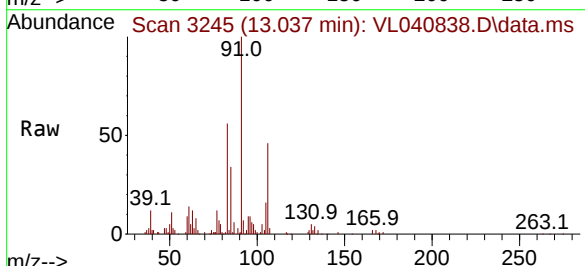
Manual Integrations
APPROVED

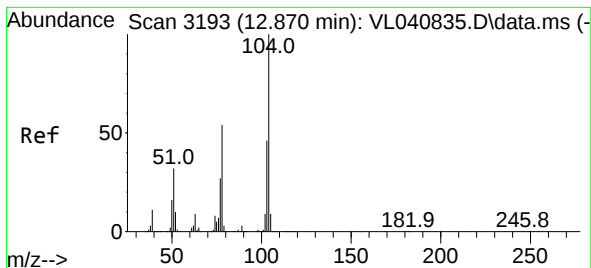
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#60
o-Xylene
Concen: 0.554 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. 0.007 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 91 Resp: 147296
Ion Ratio Lower Upper
91 100
106 44.0 22.9 68.7





#61

Styrene

Concen: 0.463 ppbv m

RT: 12.876 min Scan# 3193

Delta R.T. 0.007 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

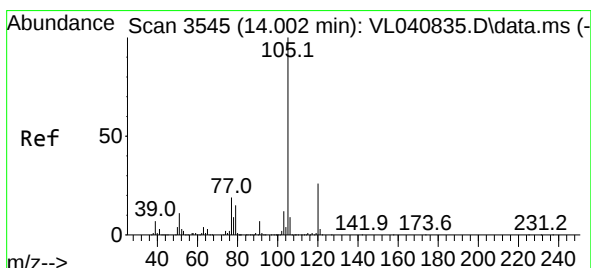
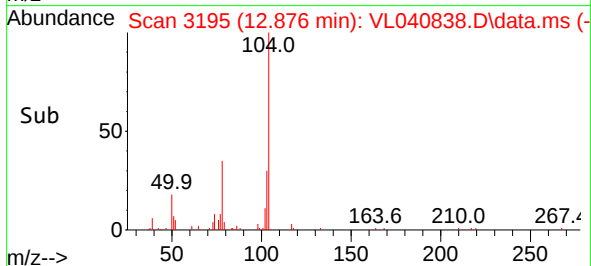
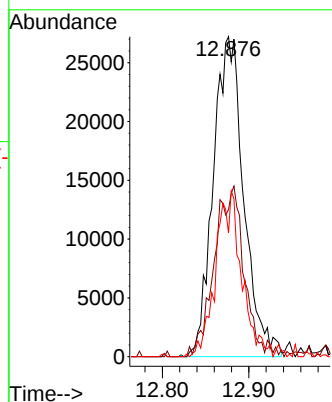
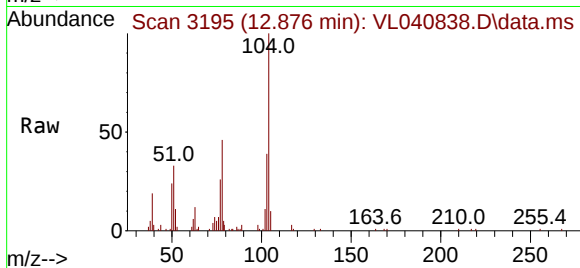
VSTDICC0.5

Tgt Ion:104	Resp:	66829
Ion Ratio	Lower	Upper
104	100	
78	0.0	43.3
103	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#62

Isopropylbenzene

Concen: 0.541 ppbv m

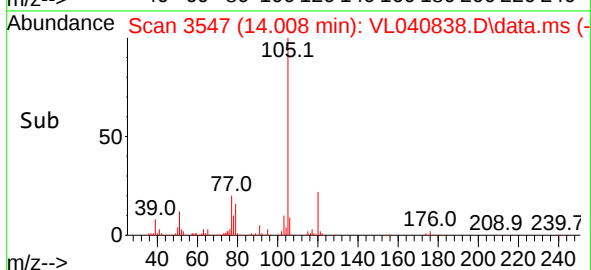
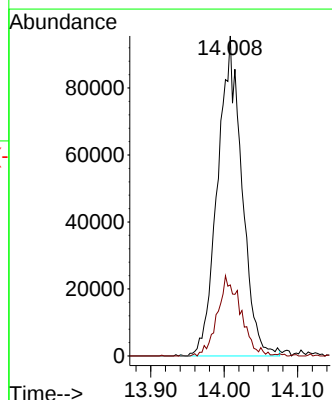
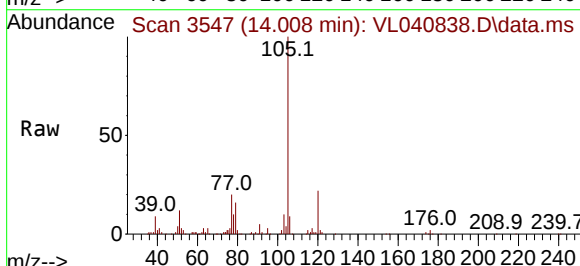
RT: 14.008 min Scan# 3547

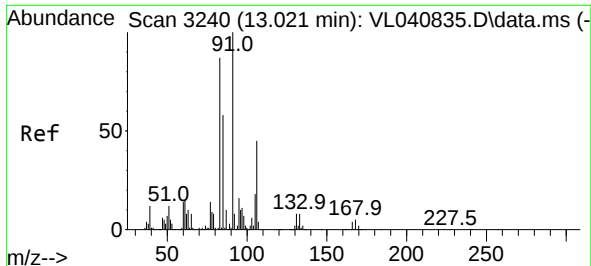
Delta R.T. 0.006 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion:105	Resp:	220078
Ion Ratio	Lower	Upper
105	100	
120	24.3	20.7





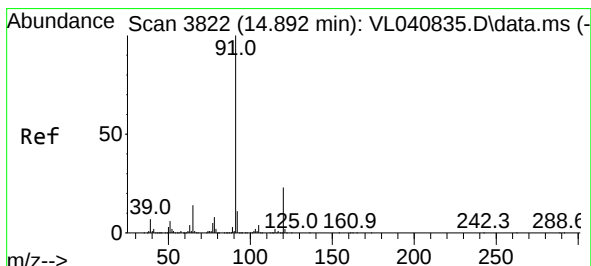
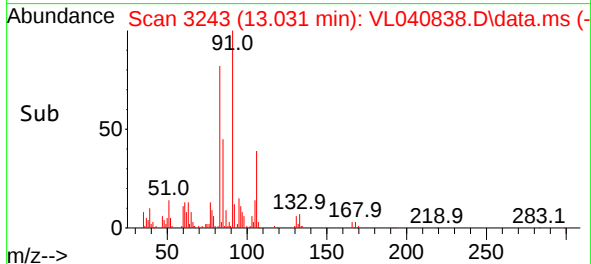
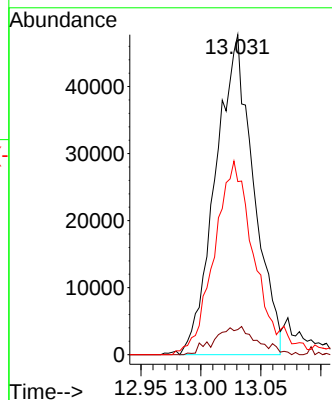
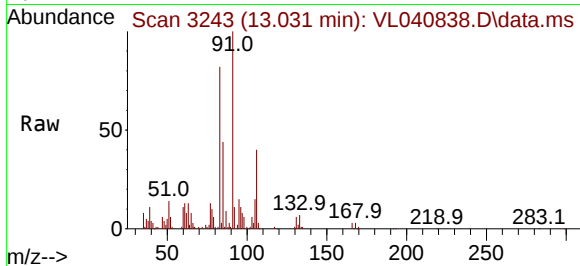
#63
1,1,2,2-Tetrachloroethane
Concen: 0.529 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 10544
Ion Ratio Lower Upper
83 100
131 9.7 4.6 13.8
85 66.9 32.6 98.0

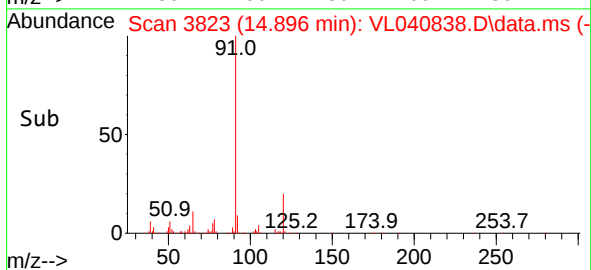
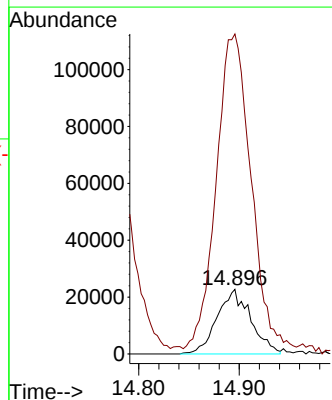
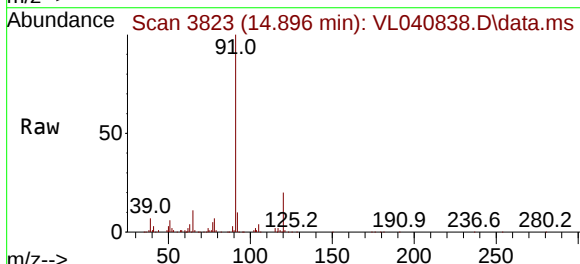
Manual Integrations
APPROVED

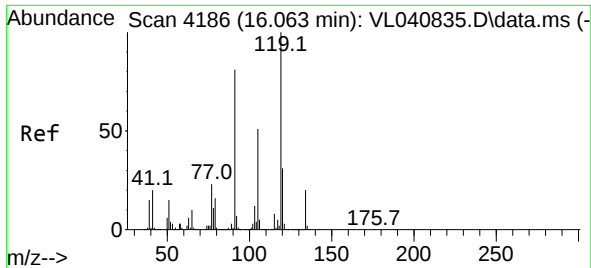
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#64
n-propylbenzene
Concen: 0.488 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion:120 Resp: 52740
Ion Ratio Lower Upper
120 100
91 521.1 381.1 571.7





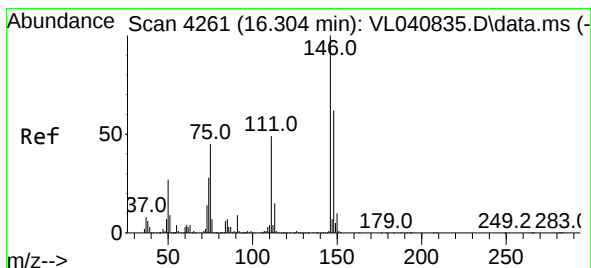
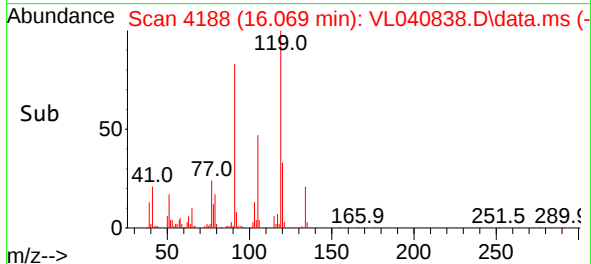
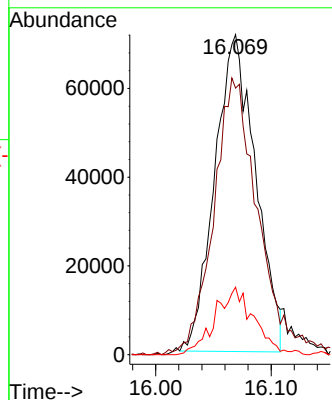
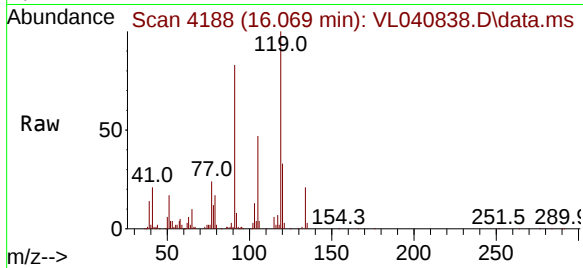
#65
tert-Butylbenzene
Concen: 0.480 ppbv
RT: 16.069 min Scan# 4186
Delta R.T. 0.007 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:119 Resp: 175424
Ion Ratio Lower Upper
119 100
91 96.5 67.5 101.3
134 20.3 15.9 23.9

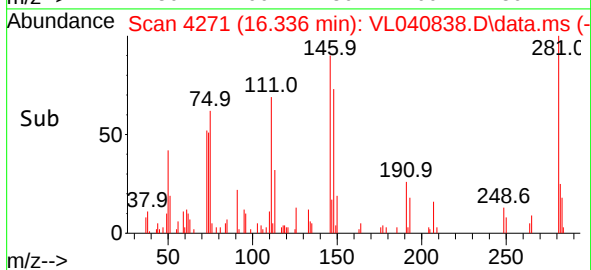
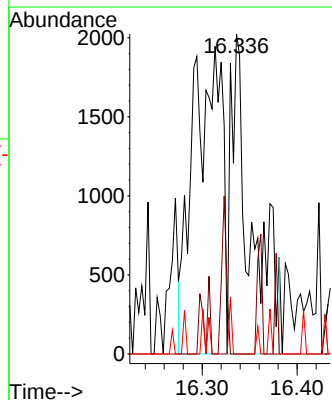
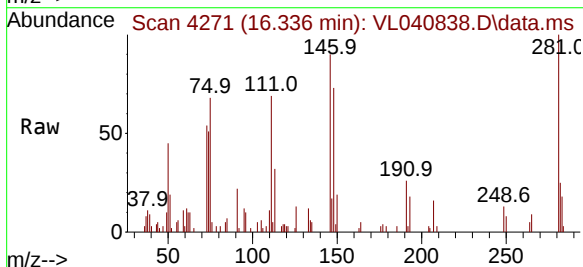
Manual Integrations
APPROVED

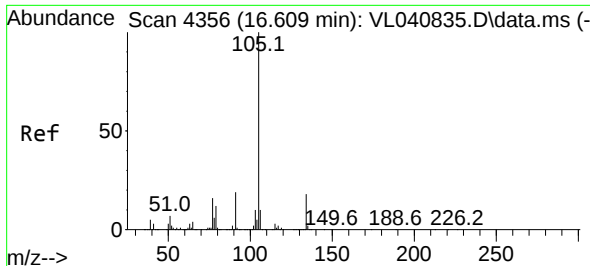
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#66
Benzyl Chloride
Concen: 0.229 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. 0.032 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

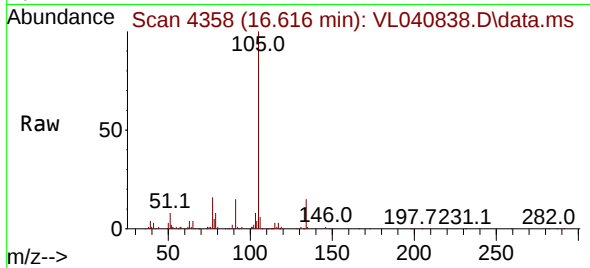
Tgt Ion: 91 Resp: 7060
Ion Ratio Lower Upper
91 100
126 3.6 12.8 19.2#
128 0.8 0.3 0.5#





#67
 sec-Butylbenzene
 Concen: 0.502 ppbv
 RT: 16.616 min Scan# 4358
 Delta R.T. 0.006 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40

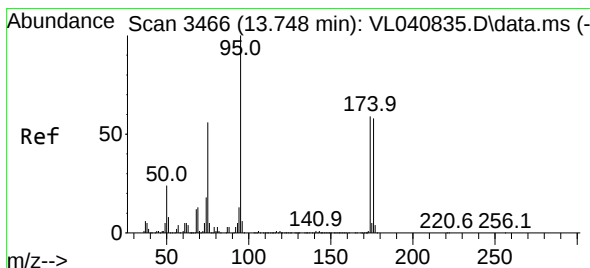
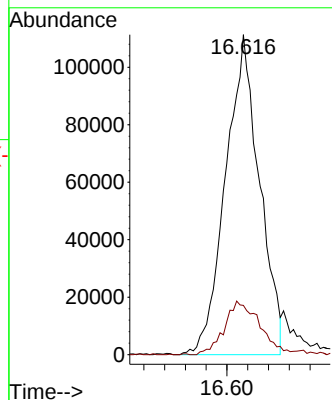
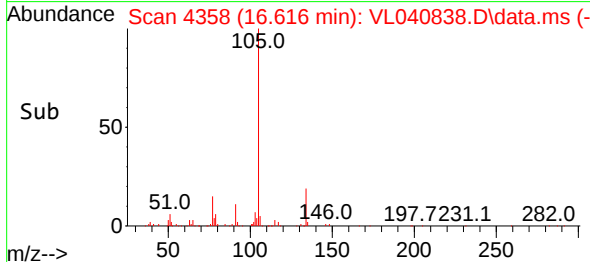
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



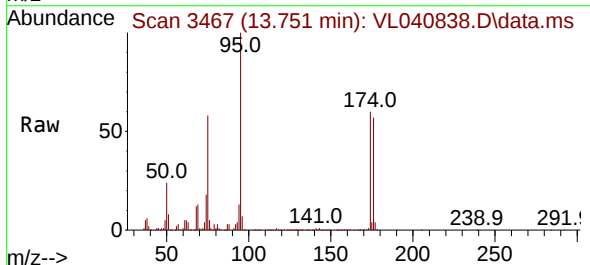
Tgt Ion: 105 Resp: 251589
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.3 21.5

Manual Integrations
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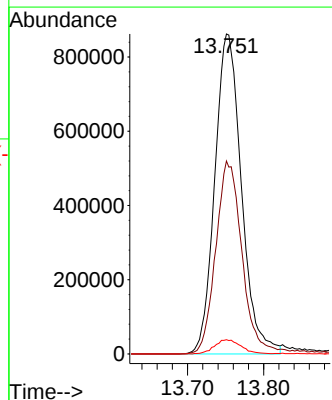
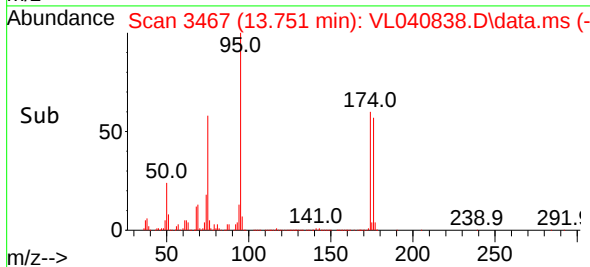
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

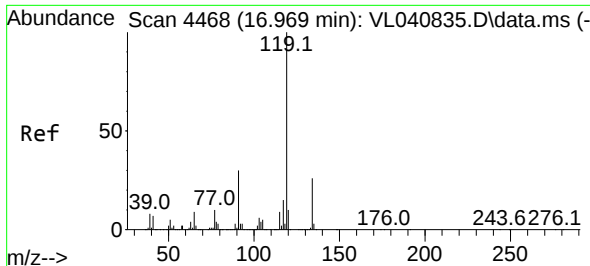


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.589 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.003 min
 Lab File: VL040838.D
 Acq: 13 Nov 2023 12:40



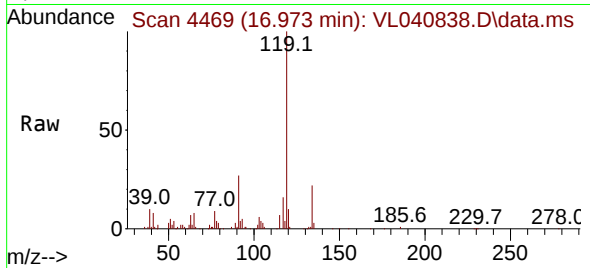
Tgt Ion: 95 Resp: 2099679
 Ion Ratio Lower Upper
 95 100
 174 61.0 47.9 71.9
 175 4.6 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.464 ppbv
RT: 16.973 min Scan# 4469
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

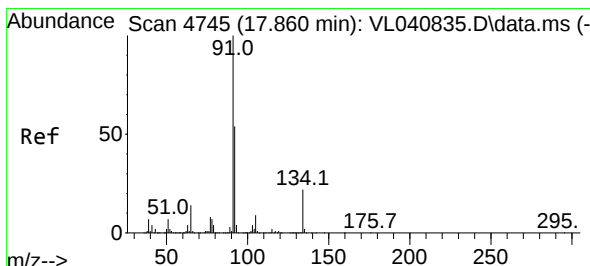
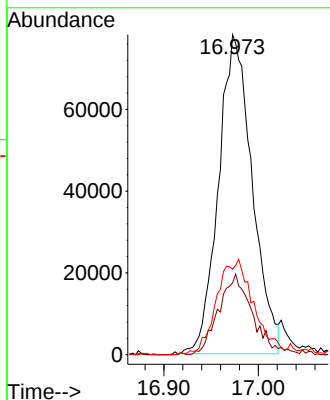
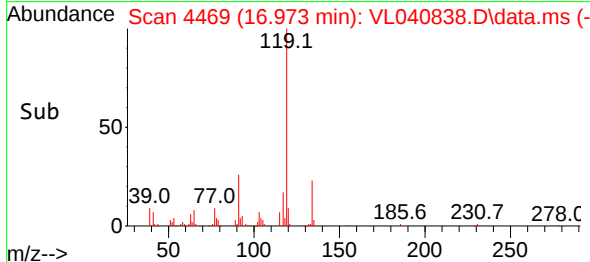
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



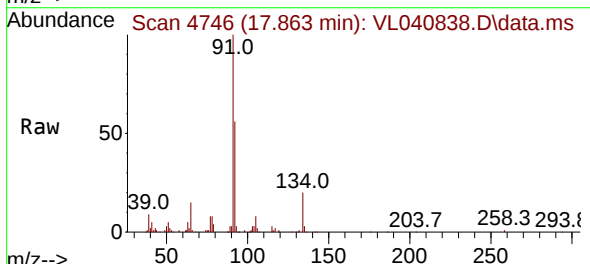
Tgt Ion:119 Resp: 193578
Ion Ratio Lower Upper
119 100
134 25.6 20.4 30.6
91 34.7 24.7 37.1

Manual Integrations
APPROVED

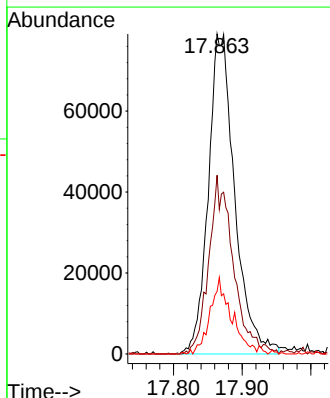
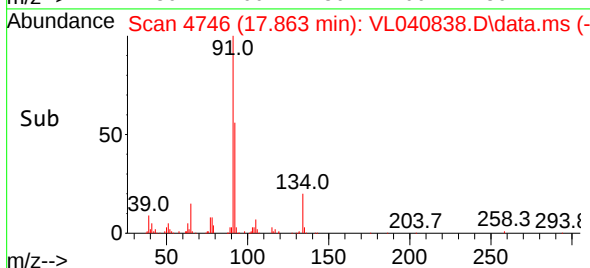
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

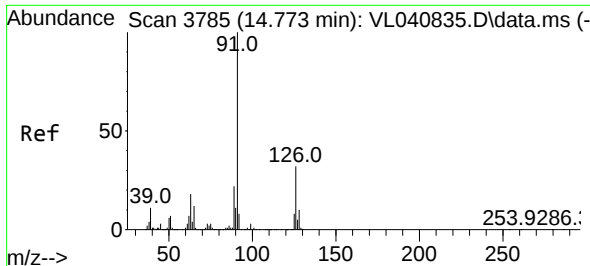


#70
n-Butylbenzene
Concen: 0.512 ppbv m
RT: 17.863 min Scan# 4746
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40



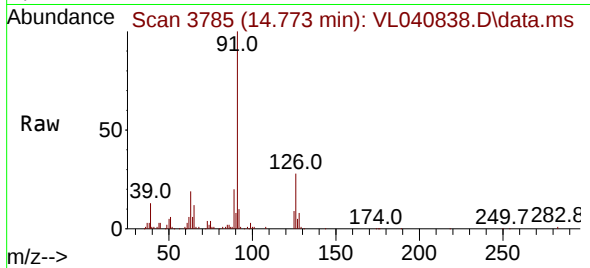
Tgt Ion: 91 Resp: 211358
Ion Ratio Lower Upper
91 100
92 52.0 43.4 65.2
134 20.0 17.4 26.0





#71
2-Chlorotoluene
Concen: 0.538 ppbv m
RT: 14.773 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

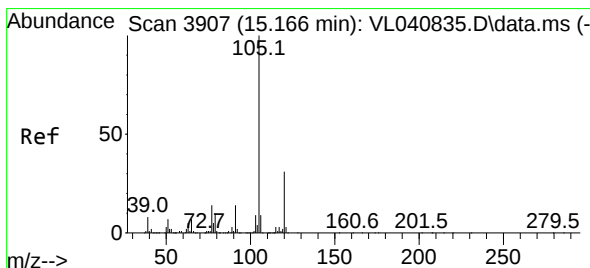
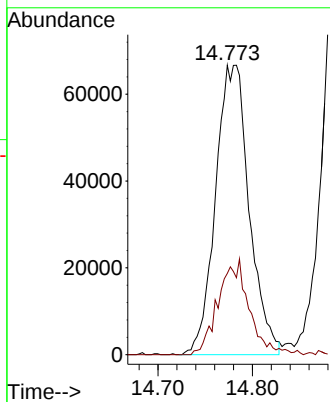
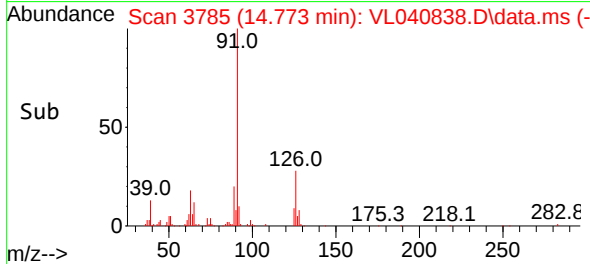
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



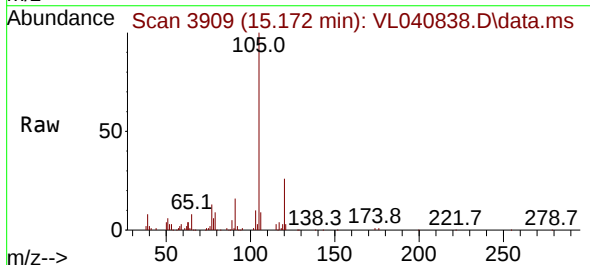
Tgt Ion: 91 Resp: 16516
Ion Ratio Lower Upper
91 100
126 0.0 12.1 48.5

Manual Integrations
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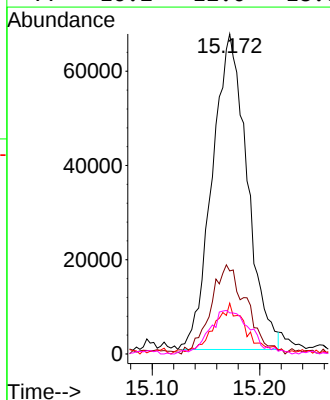
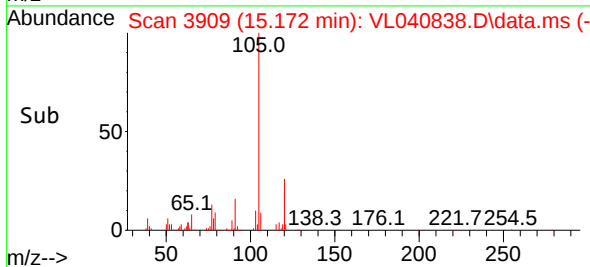
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

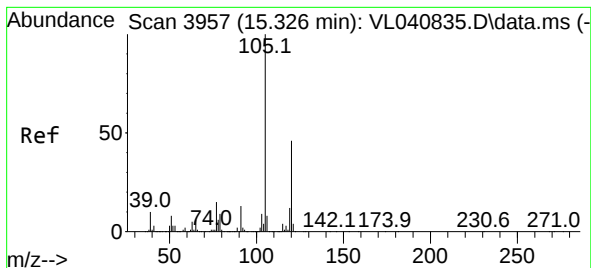


#72
4-Ethyltoluene
Concen: 0.491 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. 0.007 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40



Tgt Ion:105 Resp: 151252
Ion Ratio Lower Upper
105 100
120 28.1 24.5 36.7
91 16.7 11.4 17.2
77 16.2 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 0.530 ppbv m

RT: 15.330 min Scan# 3957

Delta R.T. 0.003 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 143792

Ion Ratio Lower Upper

105 100

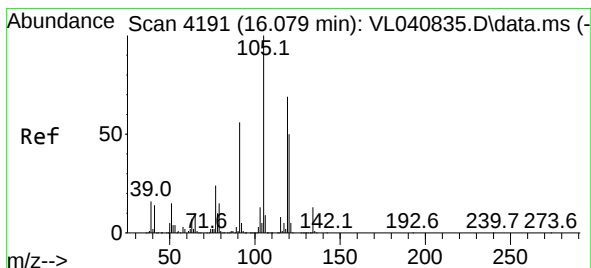
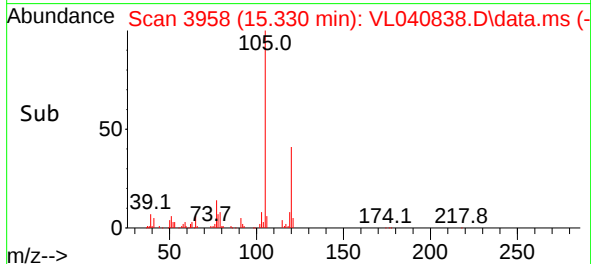
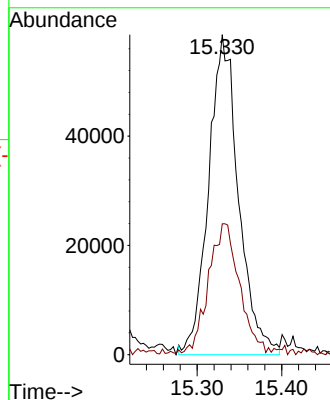
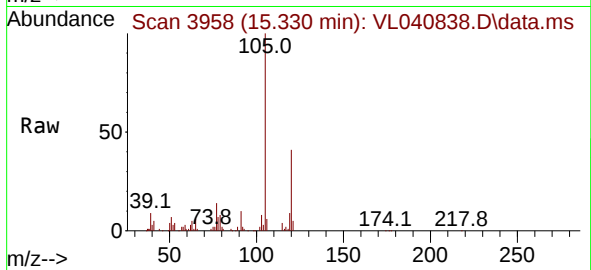
120 40.9 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.542 ppbv m

RT: 16.082 min Scan# 4192

Delta R.T. 0.003 min

Lab File: VL040838.D

Acq: 13 Nov 2023 12:40

Tgt Ion:105 Resp: 161290

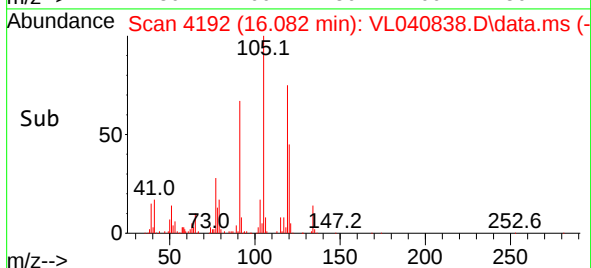
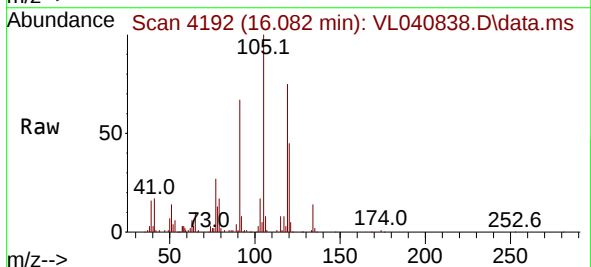
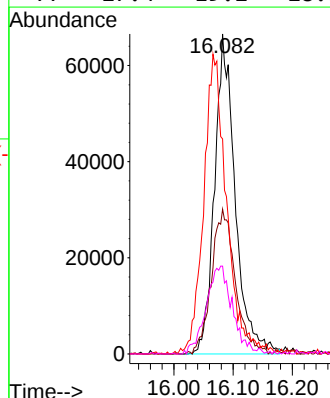
Ion Ratio Lower Upper

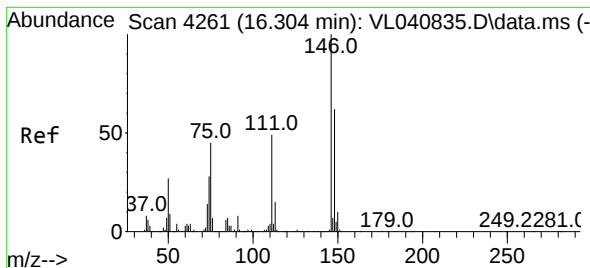
105 100

120 45.3 40.2 60.2

91 67.2 45.7 68.5

77 27.4 19.2 28.8





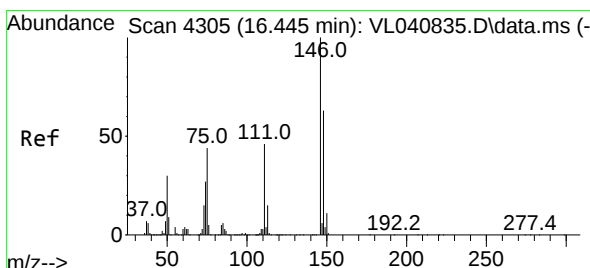
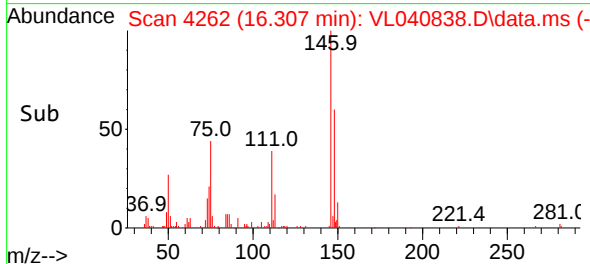
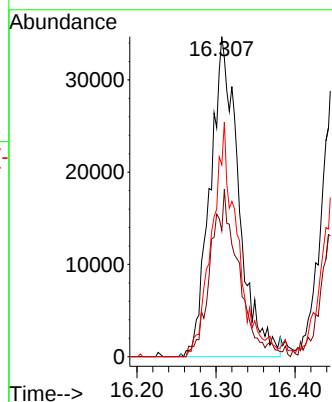
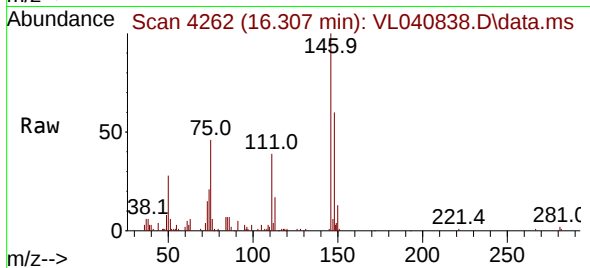
#75
1,3-Dichlorobenzene
Concen: 0.481 ppbv m
RT: 16.307 min Scan# 4261
Delta R.T. 0.003 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 87180
Ion Ratio Lower Upper
146 100
111 50.7 24.9 74.8
148 66.3 32.0 96.2

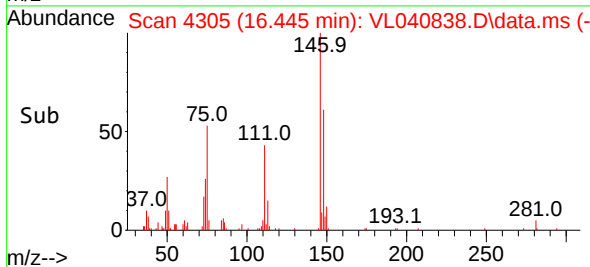
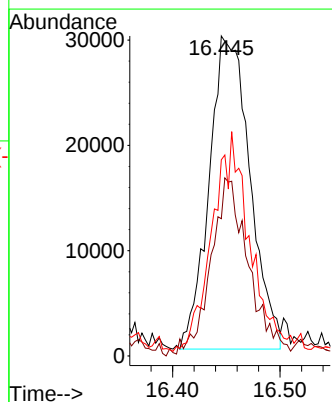
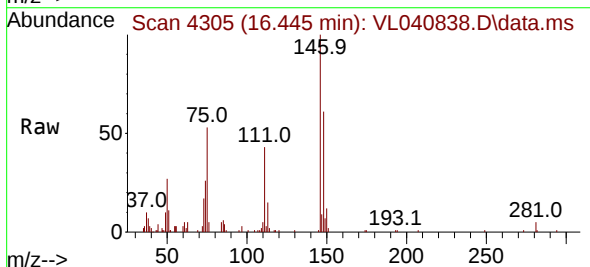
Manual Integrations
APPROVED

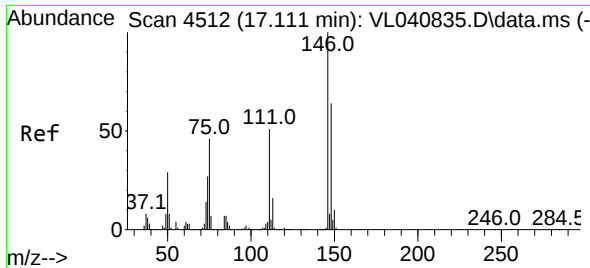
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#76
1,4-Dichlorobenzene
Concen: 0.438 ppbv
RT: 16.445 min Scan# 4305
Delta R.T. 0.000 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

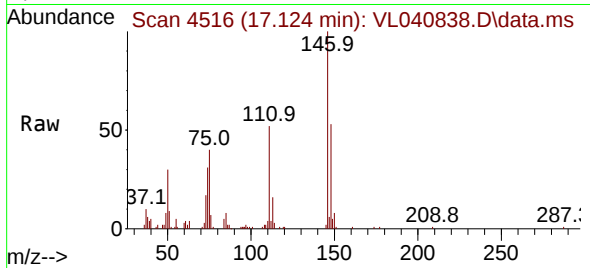
Tgt Ion:146 Resp: 78621
Ion Ratio Lower Upper
146 100
111 52.7 24.4 73.2
148 69.1 32.4 97.0





#77
1,2-Dichlorobenzene
Concen: 0.469 ppbv
RT: 17.124 min Scan# 4516
Delta R.T. 0.013 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

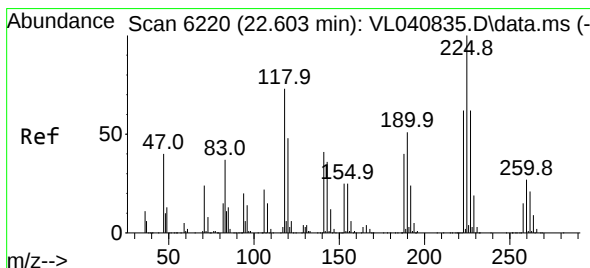
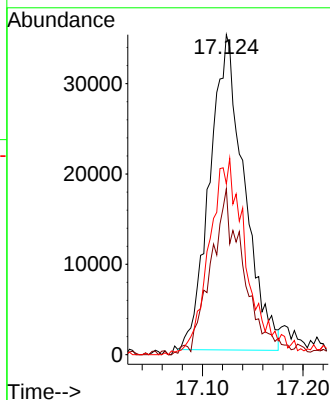
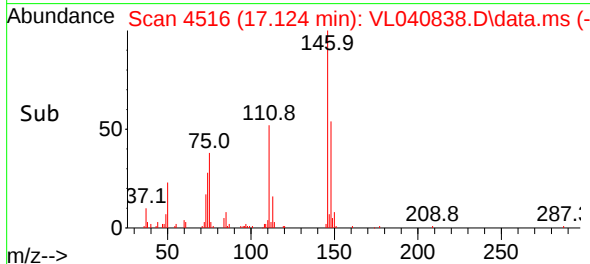
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



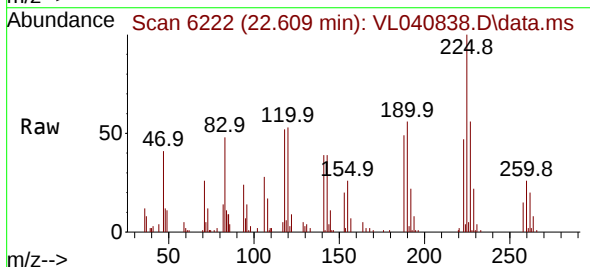
Tgt Ion:146 Resp: 8310
Ion Ratio Lower Upper
146 100
111 53.3 25.6 76.6
148 67.1 31.9 95.9

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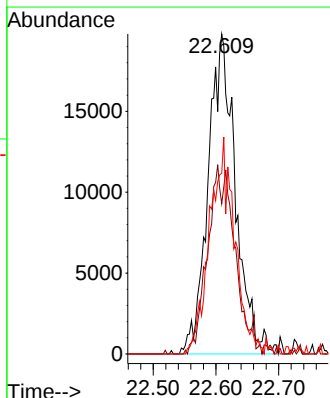
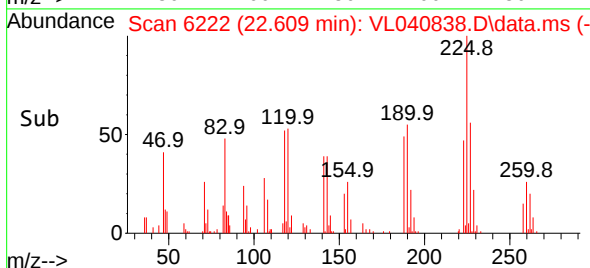
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

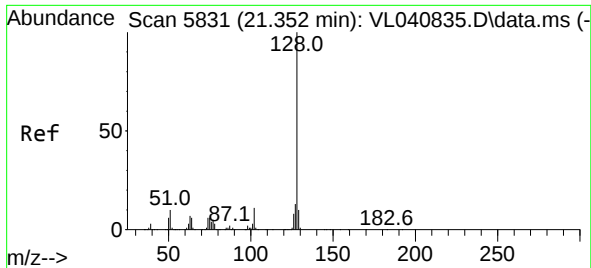


#78
Hexachloro-1,3-Butadiene
Concen: 0.480 ppbv m
RT: 22.609 min Scan# 6222
Delta R.T. 0.007 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40



Tgt Ion:225 Resp: 59998
Ion Ratio Lower Upper
225 100
223 0.0 51.2 76.8#
227 62.2 51.0 76.4





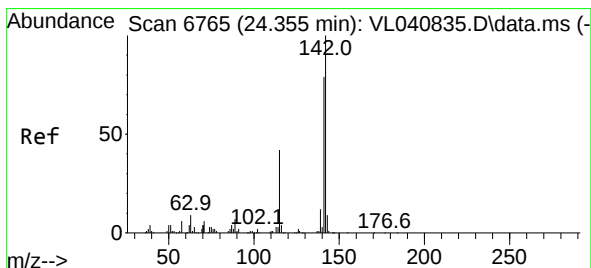
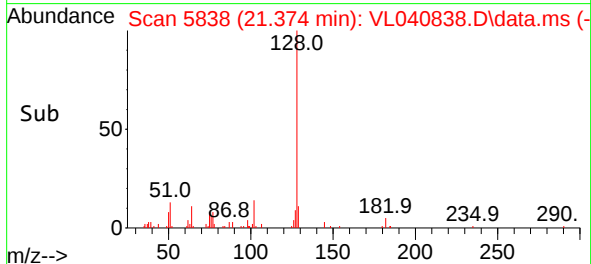
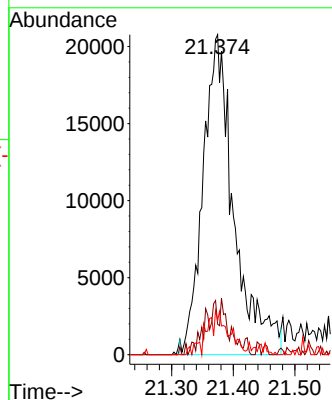
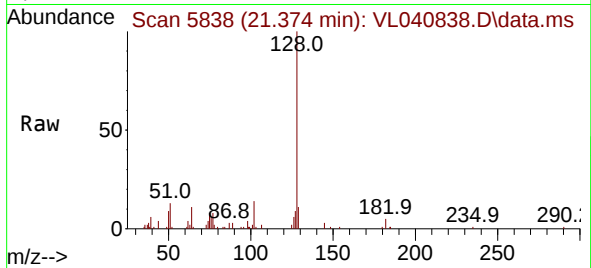
#79
Naphthalene
Concen: 0.315 ppbv m
RT: 21.374 min Scan# 5838
Delta R.T. 0.023 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:128 Resp: 7219
Ion Ratio Lower Upper
128 100
127 9.5 10.0 15.0
129 10.7 8.3 12.5

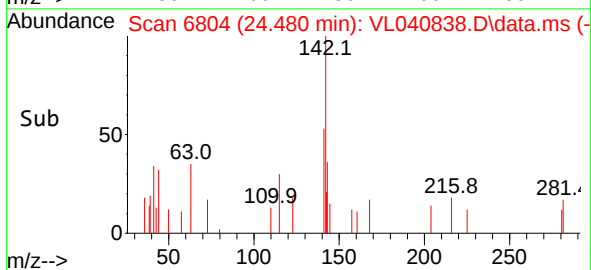
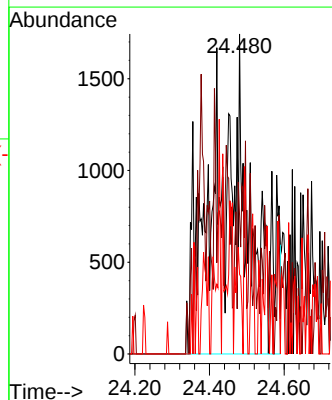
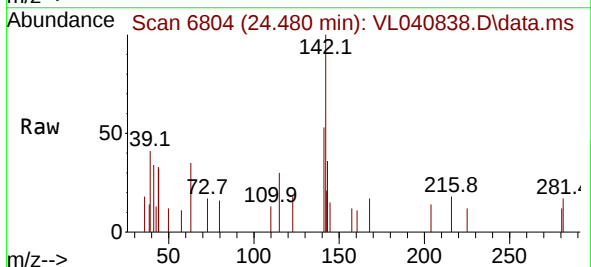
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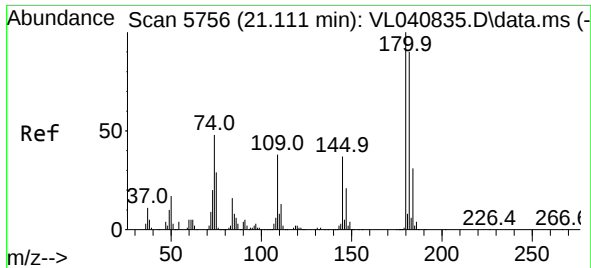
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#80
Naphthalene,2-methyl-
Concen: 0.191 ppbv m
RT: 24.480 min Scan# 6804
Delta R.T. 0.125 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Tgt Ion:142 Resp: 10927
Ion Ratio Lower Upper
142 100
141 11.9 65.8 98.8#
115 7.5 35.6 53.4#





#81
1,2,4-Trichlorobenzene
Concen: 0.368 ppbv m
RT: 21.127 min Scan# 51
Delta R.T. 0.016 min
Lab File: VL040838.D
Acq: 13 Nov 2023 12:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:180 Resp: 4572
Ion Ratio Lower Upper
180 100
182 101.2 78.1 117.1
184 27.6 24.2 36.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

