

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040834.D
 Acq On : 13 Nov 2023 10:06
 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 15:20:52 2023

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

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

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	5.169	49	993904	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	3010529	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.433	117	2704979	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.744 95 2147399 10.666 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	127734	0.721	ppbv	94
3) Chlorodifluoromethane	2.661	51	103501	0.707	ppbv	98
4) Chloromethane	2.796	50	36009	0.629	ppbv	97
5) Vinyl Chloride	2.906	62	35665	0.603	ppbv	97
6) Bromomethane	3.102	94	11712	0.492	ppbv #	79
7) Chloroethane	3.179	64	12695	0.662	ppbv #	84
8) Dichlorotetrafluoroethane	2.838	85	92126	0.692	ppbv	99
9) Propene	2.677	41	33081	0.619	ppbv	96
10) Heptane	7.555	43	78117	0.579	ppbv	99
11) Trichlorofluoromethane	3.542	101	96524	0.705	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.044	101	70202	0.720	ppbv	95
13) Ethanol	3.237	45	7141m	0.606	ppbv	
14) Bromoethene	3.346	108	26307	0.637	ppbv #	86
15) Acetone	3.465	43	65472	0.641	ppbv #	89
16) 1,3-Butadiene	2.970	39	29098	0.547	ppbv #	79
17) tert-Butyl alcohol	3.877	59	59368	0.602	ppbv #	93
18) 1,1-Dichloroethene	3.857	96	28884	0.663	ppbv	89
19) Isopropyl Alcohol	3.571	45	50194m	0.782	ppbv	
20) Methylene Chloride	3.912	84	27877	0.651	ppbv #	90
21) Allyl Chloride	3.970	41	37940	0.570	ppbv #	84
22) trans-1,2-Dichloroethene	4.423	96	29121	0.618	ppbv	90
23) Vinyl Acetate	4.613	43	64567	0.484	ppbv #	96
24) 1,1-Dichloroethane	4.542	63	63821	0.618	ppbv	97
25) Ethyl Acetate	5.189	43	113789	0.510	ppbv #	97
26) Hexane	5.185	57	54093	0.532	ppbv	96
27) Carbon Disulfide	4.105	76	70220	0.616	ppbv	95
28) Methyl tert-Butyl Ether	4.571	73	44971m	0.551	ppbv	
29) Chloroform	5.246	83	94082	0.624	ppbv	100
30) Cyclohexane	6.574	84	49184m	0.570	ppbv	
31) cis-1,2-Dichloroethene	5.057	61	48176	0.506	ppbv	95
32) 1,1,1-Trichloroethane	5.973	97	93583	0.589	ppbv	97
34) 2-Butanone	4.780	43	67632	0.471	ppbv	96
35) Carbon Tetrachloride	6.462	117	90811	0.529	ppbv	95
36) Benzene	6.343	78	121022	0.523	ppbv	98
37) 1,2-Dichloroethane	5.783	62	75568	0.619	ppbv	100
38) Trichloroethene	7.262	130	46158	0.452	ppbv	97
39) 1,2-Dichloropropane	7.044	63	50801	0.561	ppbv #	90
40) 1,4-Dioxane	7.291	88	19434m	0.573	ppbv	
41) Tetrahydrofuran	5.558	42	51358m	0.548	ppbv	
42) Bromodichloromethane	7.221	83	98256	0.540	ppbv #	97
43) Methyl Methacrylate	7.459	69	42808	0.463	ppbv	99
44) 2,2,4-Trimethylpentane	7.298	57	205425	0.525	ppbv	97
45) t-1,3-Dichloropropene	8.687	75	21227m	0.306	ppbv	

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 ALS Vial : 1 Sample Multiplier: 1

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 15:20:52 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	8.114	75	28118	0.326	ppbv #	83
47) 1,1,2-Trichloroethane	8.867	97	52082m	0.546	ppbv	
48) Dibromochloromethane	9.674	129	74183m	0.462	ppbv	
49) Bromoform	12.384	173	53406m	0.418	ppbv	
50) 4-Methyl-2-Pentanone	8.169	43	115537	0.495	ppbv	99
51) 2-Hexanone	9.558	43	77922m	0.442	ppbv	
52) Tetrachloroethene	10.581	164	42460m	0.457	ppbv	
53) Toluene	9.188	91	134164m	0.489	ppbv	
54) 1,2-Dibromoethane	9.979	107	62221	0.470	ppbv	83
56) 1,1,1,2-Tetrachloroethane	11.478	131	60495m	0.543	ppbv	
57) Chlorobenzene	11.497	112	106305	0.546	ppbv	92
58) Ethyl Benzene	12.060	91	174736	0.509	ppbv	97
59) m/p-Xylene	12.343	91	300001m	1.057	ppbv	
60) o-Xylene	13.027	91	143819	0.533	ppbv	96
61) Styrene	12.873	104	59958m	0.409	ppbv	
62) Isopropylbenzene	13.998	105	217316	0.526	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.021	83	115992m	0.573	ppbv	
64) n-propylbenzene	14.879	120	55577m	0.507	ppbv	
65) tert-Butylbenzene	16.063	119	177684	0.479	ppbv	90
66) Benzyl Chloride	16.297	91	5466m	0.175	ppbv	
67) sec-Butylbenzene	16.612	105	266918	0.525	ppbv	99
69) p-Isopropyltoluene	16.966	119	200041	0.473	ppbv	97
70) n-Butylbenzene	17.863	91	216088m	0.515	ppbv	
71) 2-Chlorotoluene	14.770	91	164965	0.530	ppbv	98
72) 4-Ethyltoluene	15.166	105	148139	0.474	ppbv	97
73) 1,3,5-Trimethylbenzene	15.326	105	133744	0.486	ppbv	97
74) 1,2,4-Trimethylbenzene	16.079	105	160507m	0.531	ppbv	
75) 1,3-Dichlorobenzene	16.297	146	85196m	0.463	ppbv	
76) 1,4-Dichlorobenzene	16.445	146	87430m	0.480	ppbv	
77) 1,2-Dichlorobenzene	17.114	146	90459m	0.503	ppbv	
78) Hexachloro-1,3-Butadiene	22.593	225	55767m	0.439	ppbv	
79) Naphthalene	21.365	128	59287m	0.255	ppbv	
81) 1,2,4-Trichlorobenzene	21.120	180	44397m	0.352	ppbv	

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

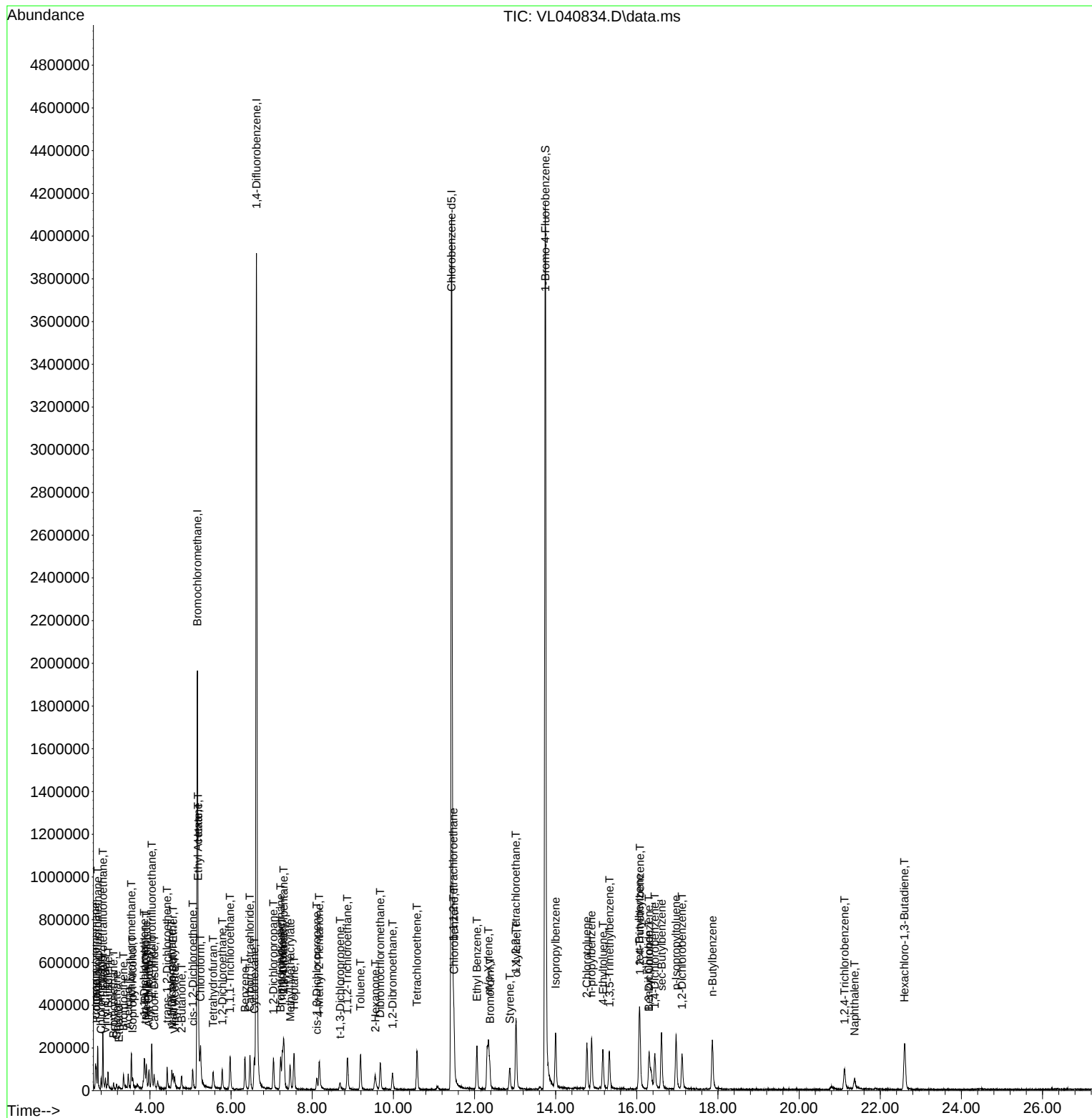
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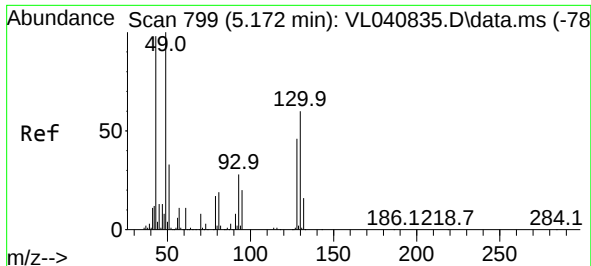
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Quant Time: Nov 13 15:20:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Nov 13 15:18:50 2023
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Reviewed By : Mahesh Dadoda 11/15/2023
Supervised By : Semsettin Yesilyurt 11/15/2023





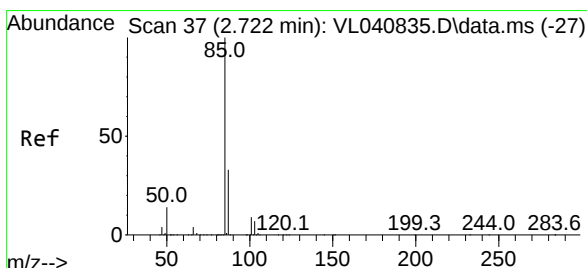
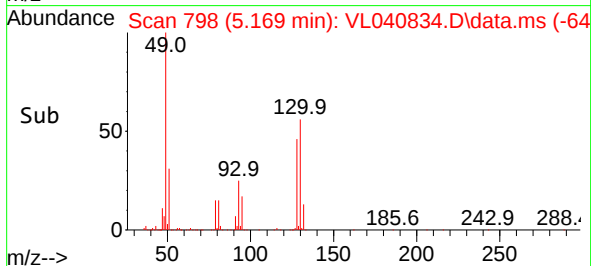
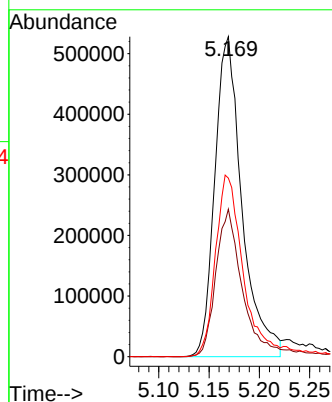
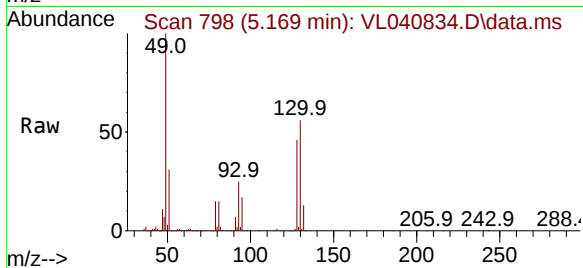
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. -0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 993904
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.2
130 60.4 30.9 92.8

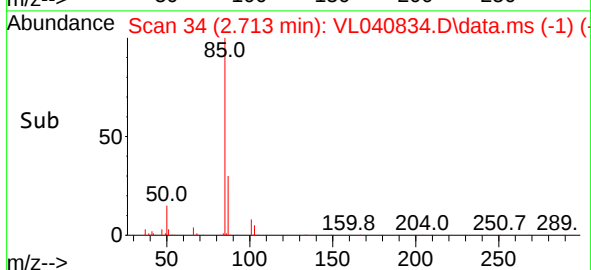
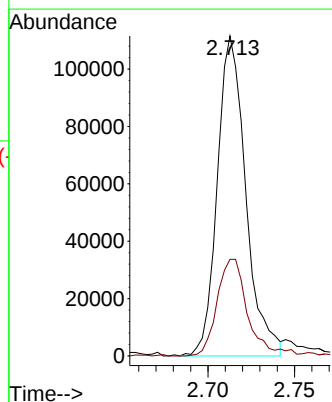
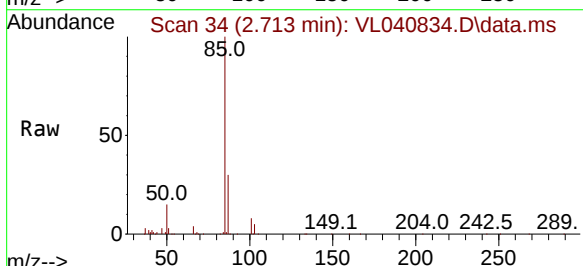
Manual Integrations
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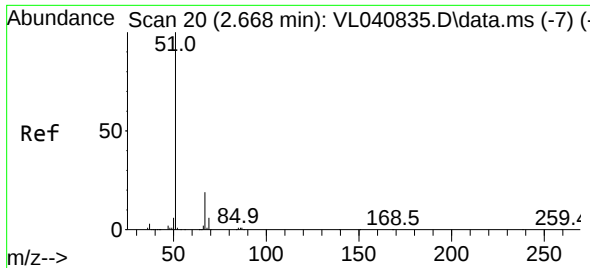
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#2
Dichlorodifluoromethane
Concen: 0.721 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Tgt Ion: 85 Resp: 127734
Ion Ratio Lower Upper
85 100
87 30.2 26.7 40.1





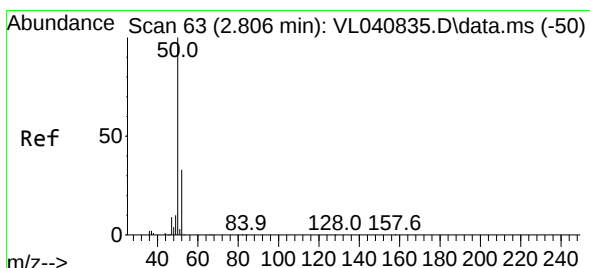
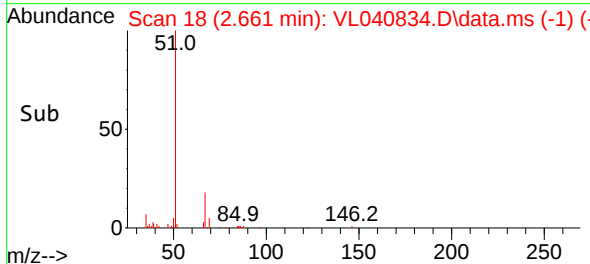
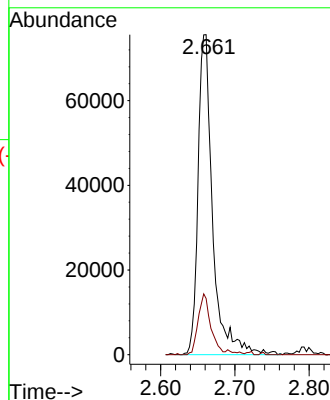
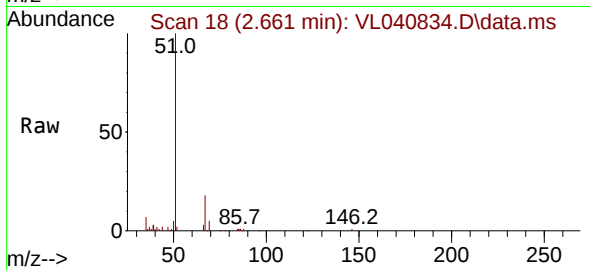
#3
Chlorodifluoromethane
Concen: 0.707 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 10350
Ion Ratio Lower Upper
51 100
67 17.8 15.0 22.4

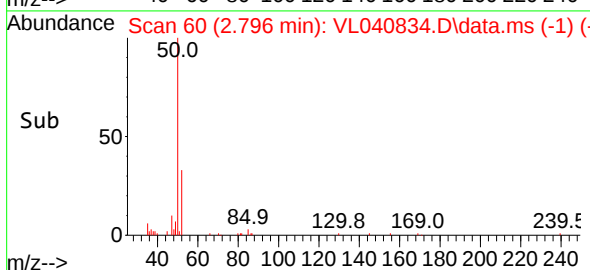
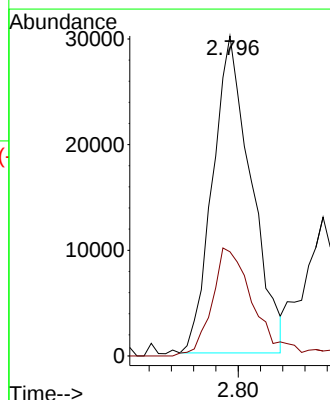
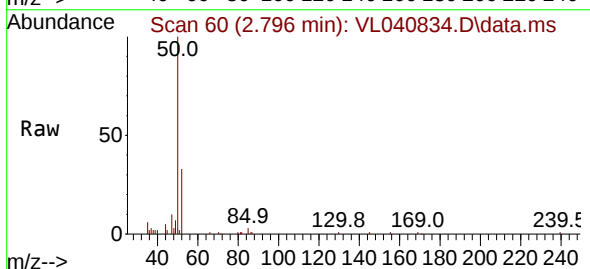
Manual Integrations
APPROVED

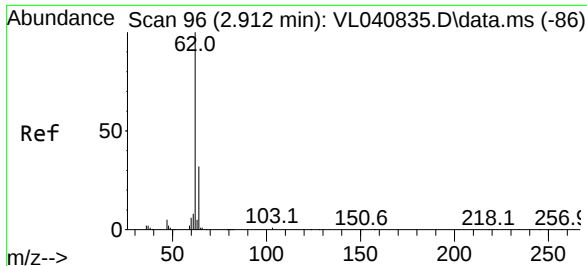
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#4
Chloromethane
Concen: 0.629 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

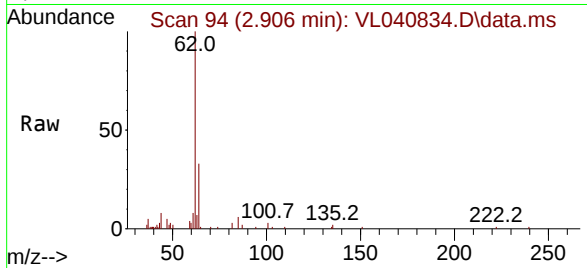
Tgt Ion: 50 Resp: 36009
Ion Ratio Lower Upper
50 100
52 31.5 26.3 39.5





#5
 Vinyl Chloride
 Concen: 0.603 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VL040834.D
 Acq: 13 Nov 2023 10:06

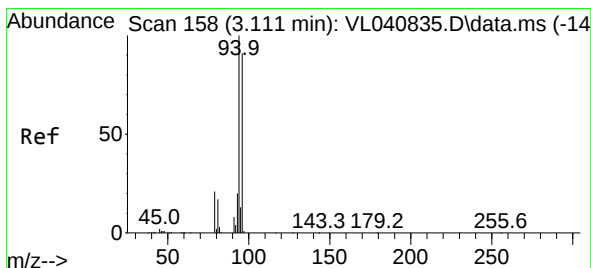
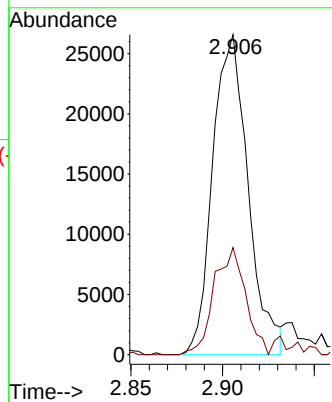
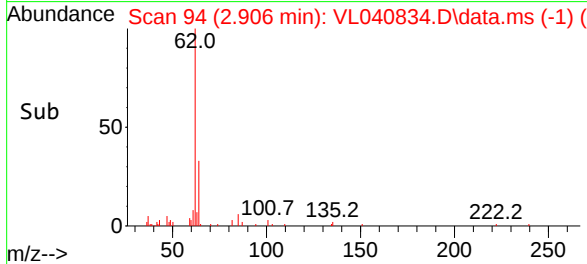
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 3566
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.4 38.2

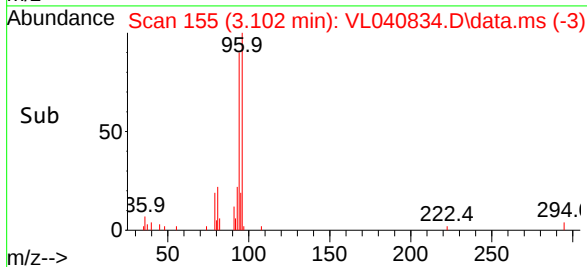
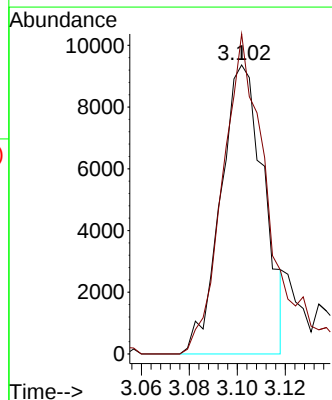
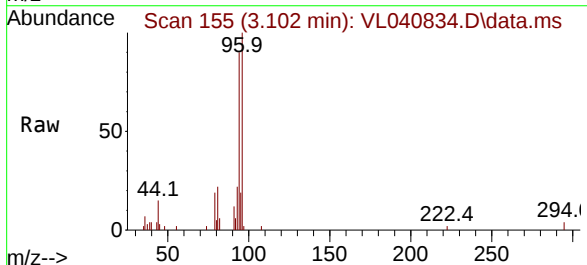
Manual Integrations
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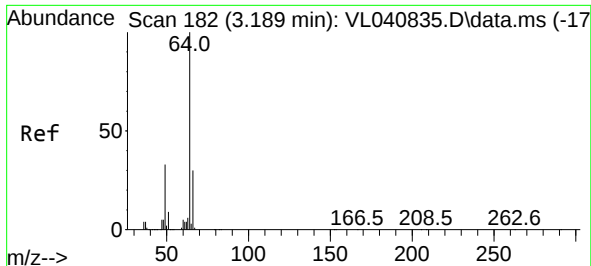
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#6
 Bromomethane
 Concen: 0.492 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.010 min
 Lab File: VL040834.D
 Acq: 13 Nov 2023 10:06

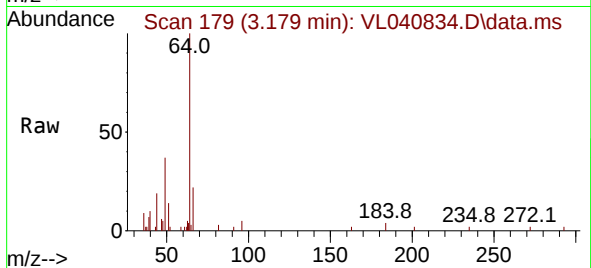
Tgt Ion: 94 Resp: 11712
 Ion Ratio Lower Upper
 94 100
 96 110.8 73.0 109.4#





#7
Chloroethane
Concen: 0.662 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

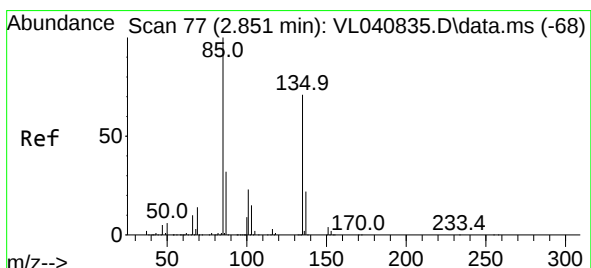
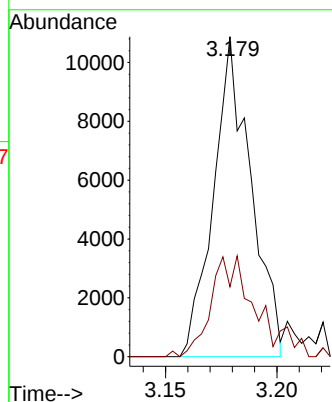
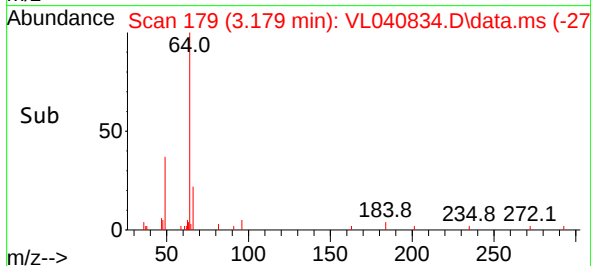
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



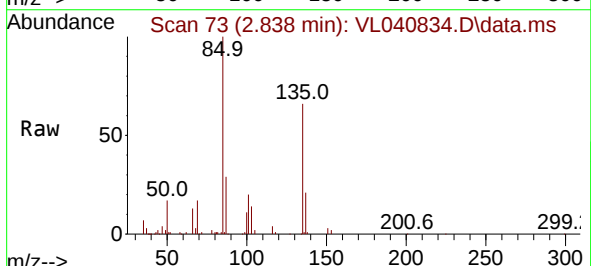
Tgt Ion: 64 Resp: 1269
Ion Ratio Lower Upper
64 100
66 21.3 23.8 35.6

Manual Integrations
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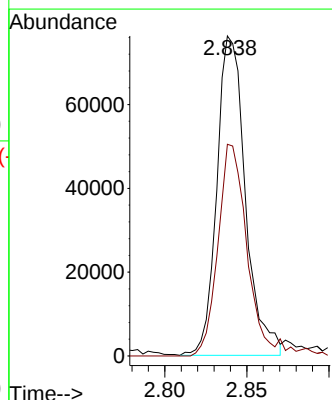
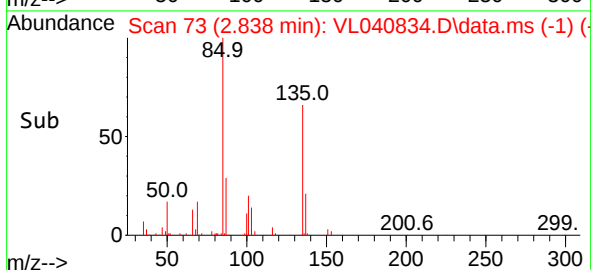
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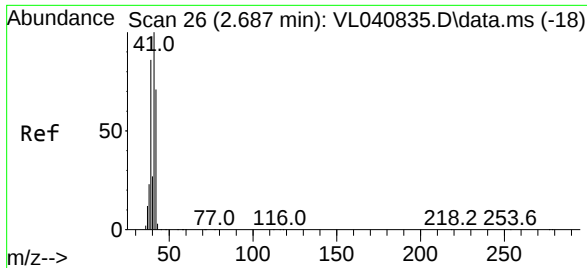


#8
Dichlorotetrafluoroethane
Concen: 0.692 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.013 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



Tgt Ion: 85 Resp: 92126
Ion Ratio Lower Upper
85 100
135 70.3 55.3 82.9





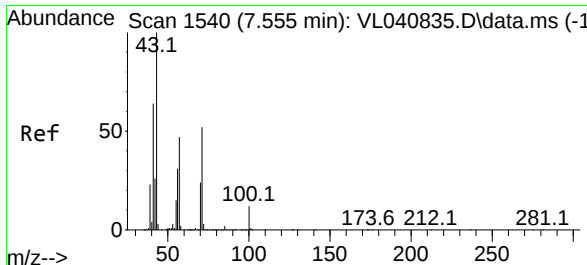
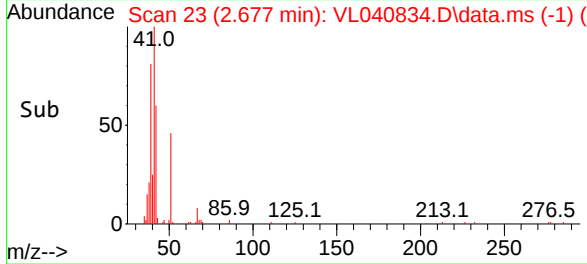
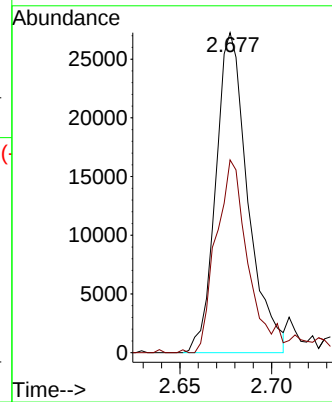
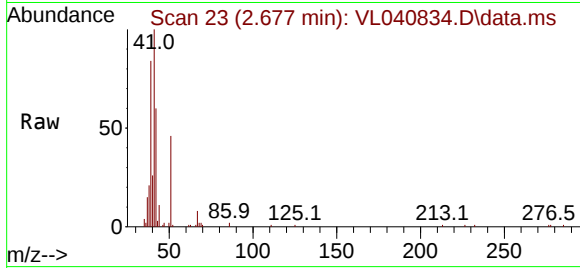
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Propene
Concen: 0.619 ppbv
RT: 2.677 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 3308
Ion Ratio Lower Upper
41 100
42 67.6 56.5 84.7

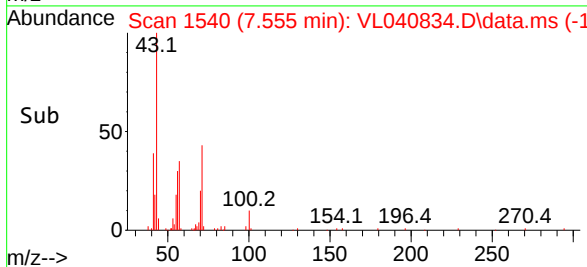
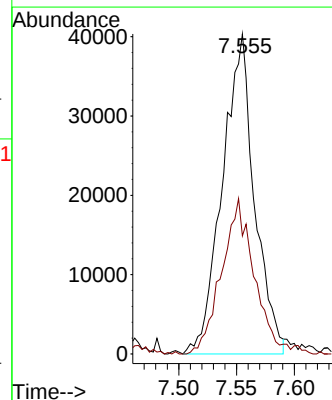
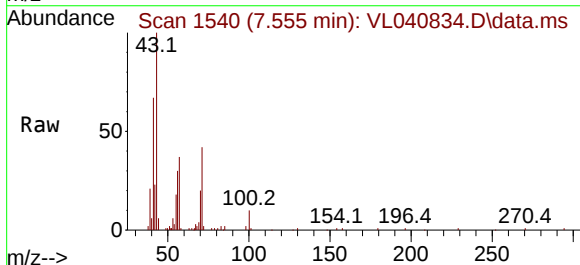
Manual Integrations
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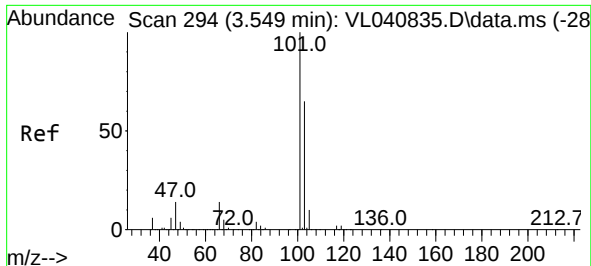
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#10
Heptane
Concen: 0.579 ppbv
RT: 7.555 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

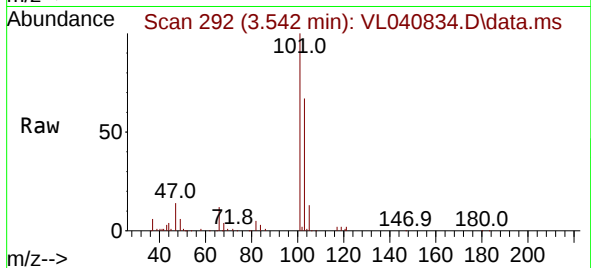
Tgt Ion: 43 Resp: 78117
Ion Ratio Lower Upper
43 100
57 49.9 39.4 59.0





#11
Trichlorofluoromethane
Concen: 0.705 ppbv
RT: 3.542 min Scan# 294
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

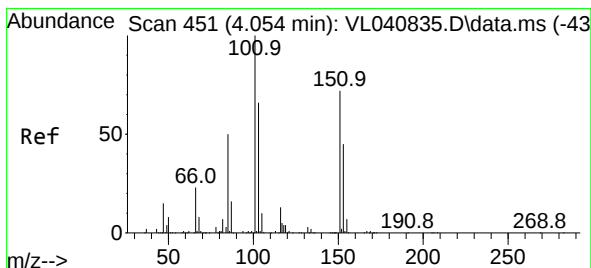
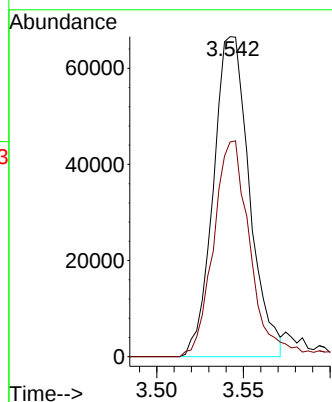
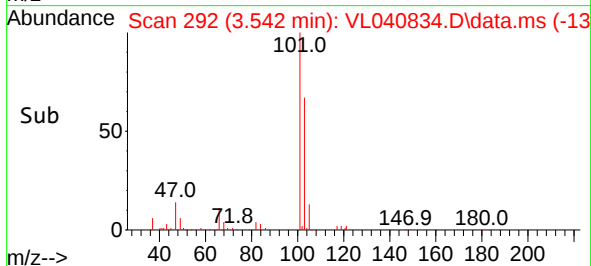
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



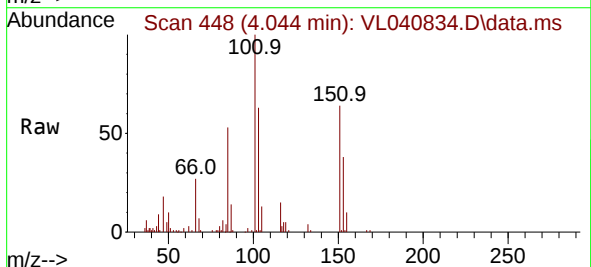
Tgt Ion:101 Resp: 96524
Ion Ratio Lower Upper
101 100
103 67.1 51.8 77.8

Manual Integrations
APPROVED

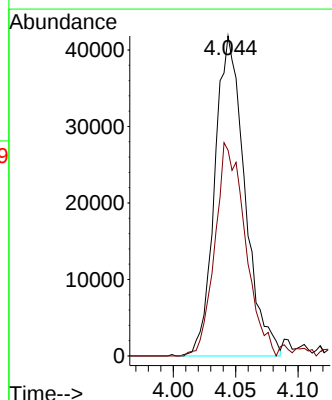
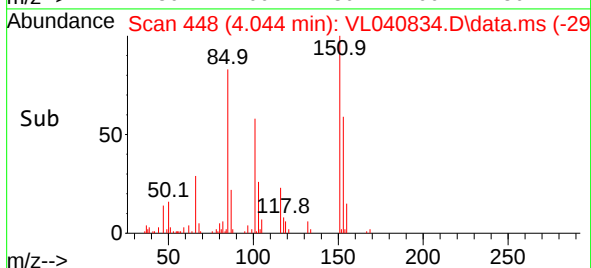
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

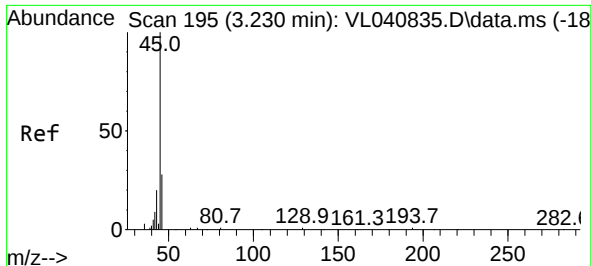


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.720 ppbv
RT: 4.044 min Scan# 448
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



Tgt Ion:101 Resp: 70202
Ion Ratio Lower Upper
101 100
151 68.2 57.8 86.6





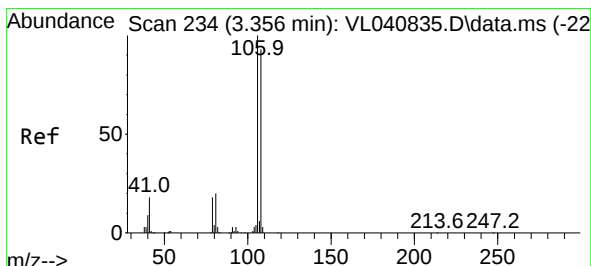
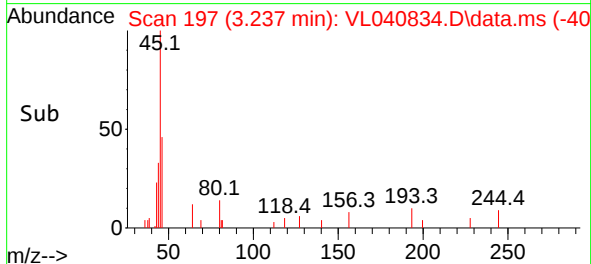
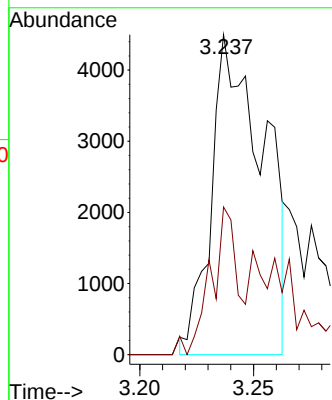
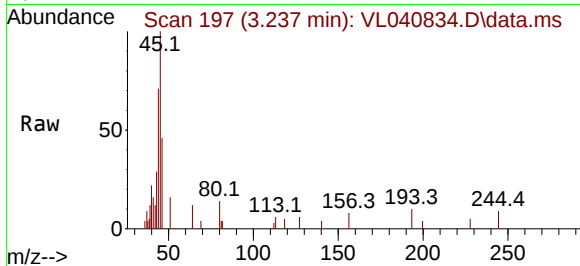
#13
Ethanol
Concen: 0.606 ppbv m
RT: 3.237 min Scan# 195
Delta R.T. 0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 714
Ion Ratio Lower Upper
45 100
46 56.1 13.3 53.1

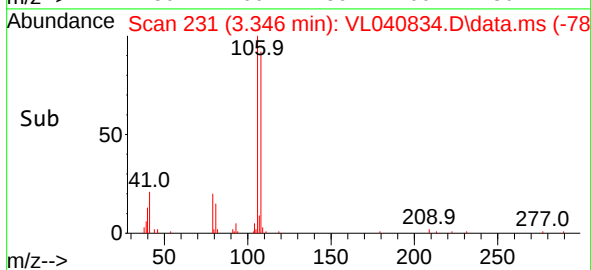
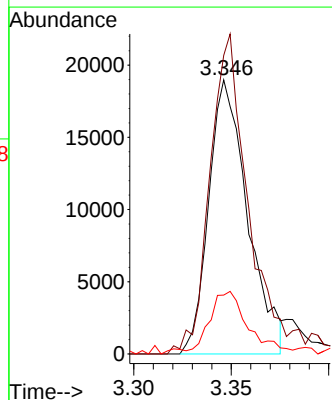
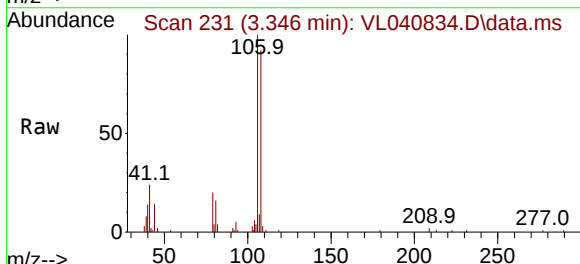
Manual Integrations
APPROVED

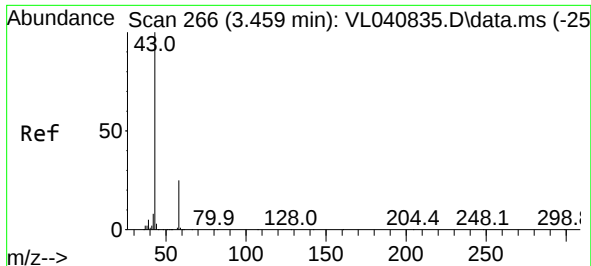
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#14
Bromoethene
Concen: 0.637 ppbv
RT: 3.346 min Scan# 231
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Tgt Ion:108 Resp: 26307
Ion Ratio Lower Upper
108 100
106 122.3 85.5 128.3
79 25.1 16.5 24.7#





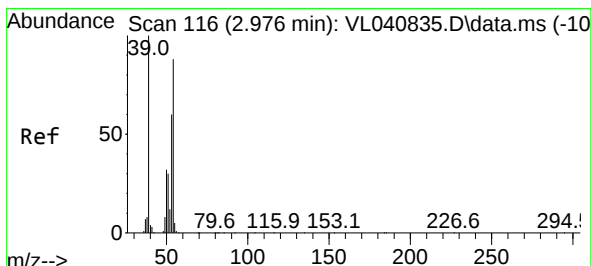
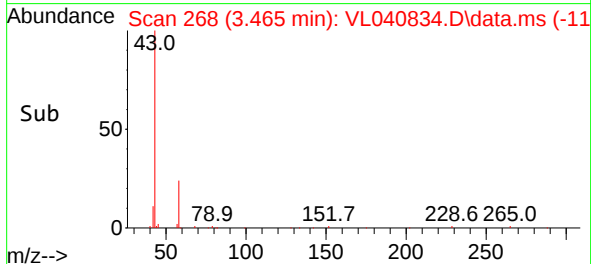
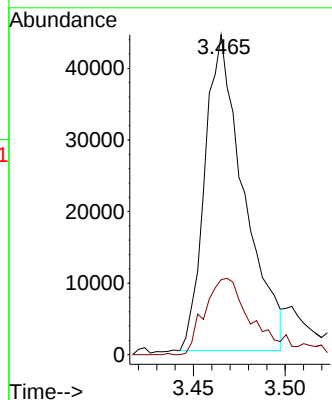
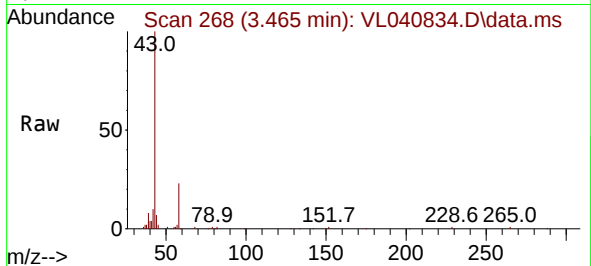
#15
Acetone
Concen: 0.641 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 65472
Ion Ratio Lower Upper
43 100
58 31.9 20.9 31.3

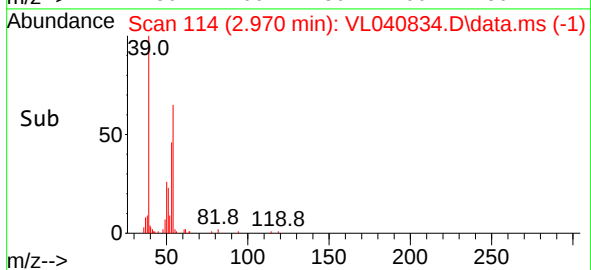
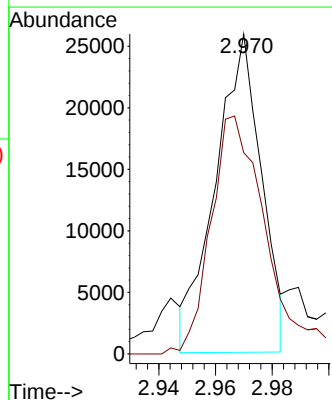
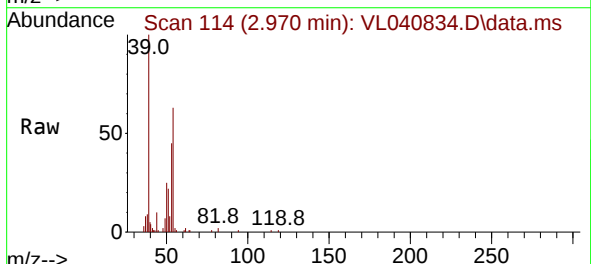
Manual Integrations
APPROVED

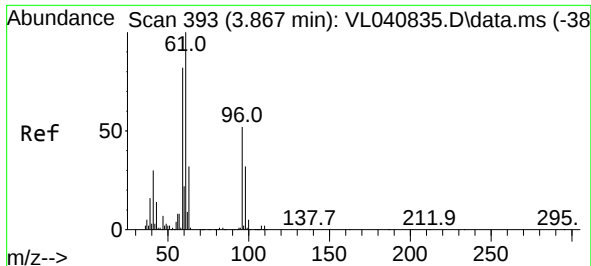
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#16
1,3-Butadiene
Concen: 0.547 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

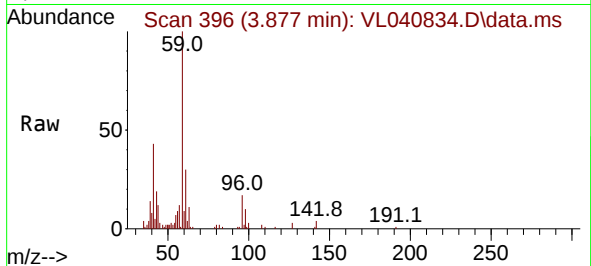
Tgt Ion: 39 Resp: 29098
Ion Ratio Lower Upper
39 100
54 95.2 61.8 92.6





#17
tert-Butyl alcohol
Concen: 0.602 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

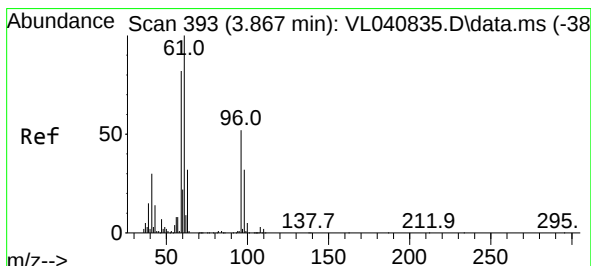
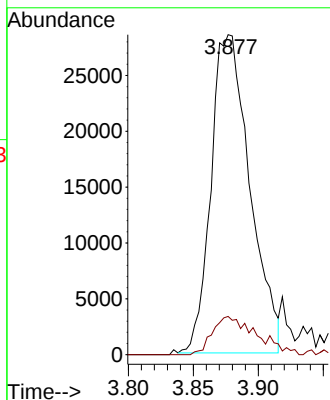
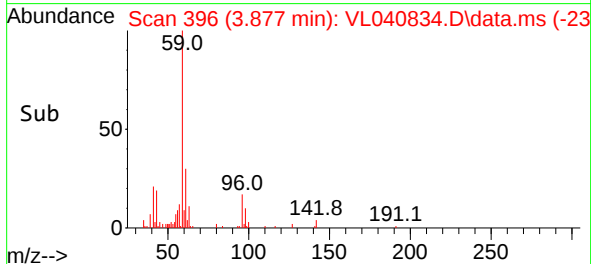
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



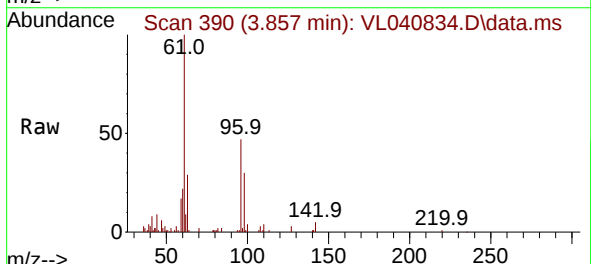
Tgt Ion: 59 Resp: 5936
Ion Ratio Lower Upper
59 100
57 13.8 9.0 13.6

Manual Integrations
APPROVED

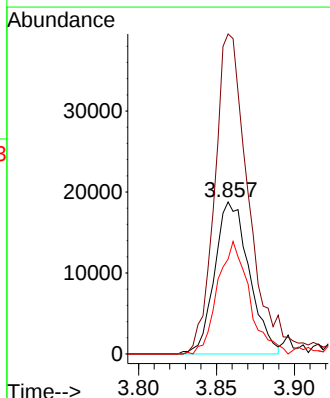
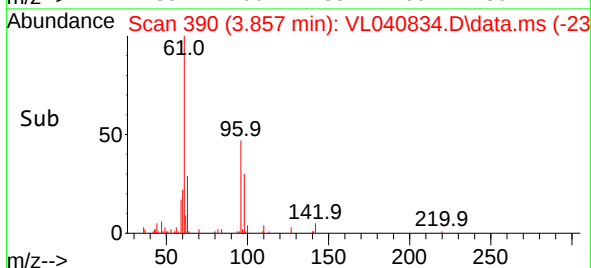
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

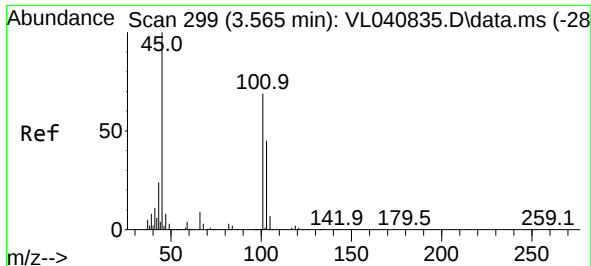


#18
1,1-Dichloroethene
Concen: 0.663 ppbv
RT: 3.857 min Scan# 390
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



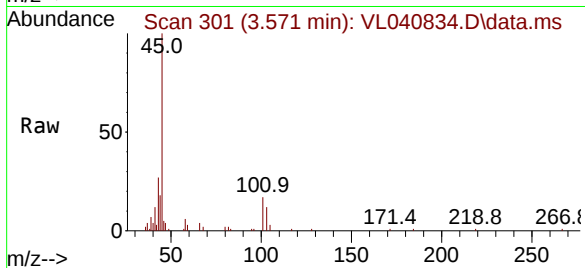
Tgt Ion: 96 Resp: 28884
Ion Ratio Lower Upper
96 100
61 210.6 152.6 228.8
98 62.4 49.2 73.8





#19
Isopropyl Alcohol
Concen: 0.782 ppbv m
RT: 3.571 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

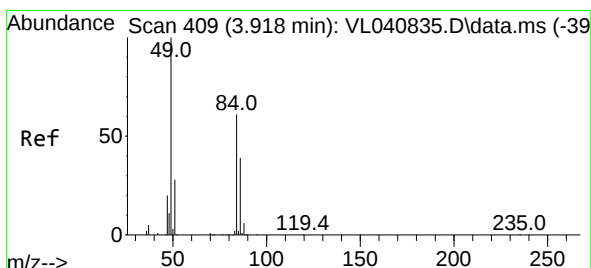
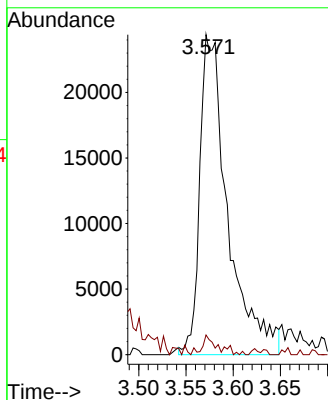
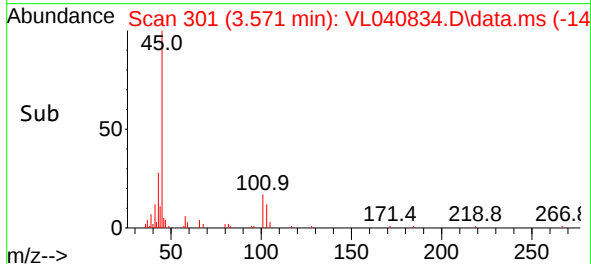
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



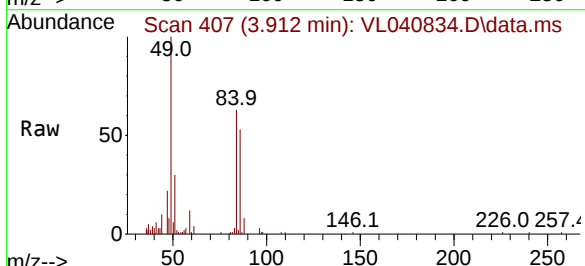
Tgt Ion: 45 Resp: 50194
Ion Ratio Lower Upper
45 100
58 3.4 1.6 2.4

Manual Integrations
APPROVED

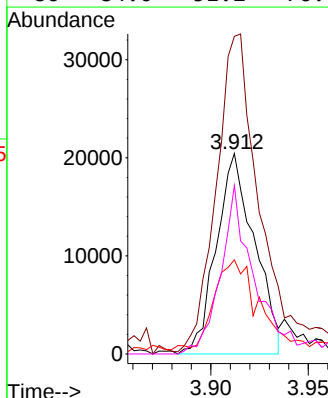
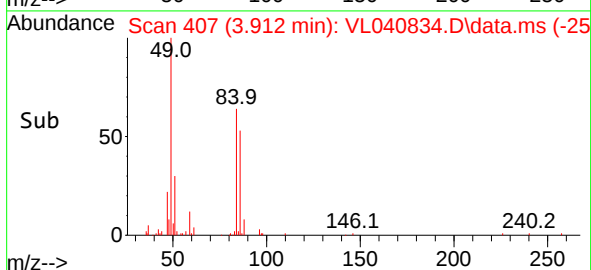
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

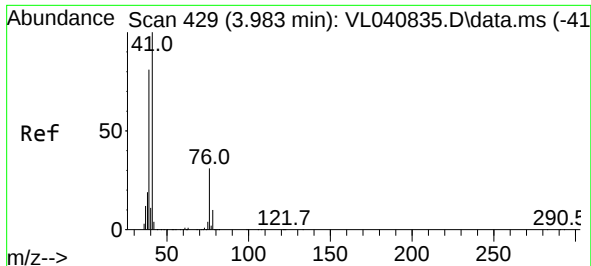


#20
Methylene Chloride
Concen: 0.651 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



Tgt Ion: 84 Resp: 27877
Ion Ratio Lower Upper
84 100
49 157.4 131.0 196.4
51 42.7 36.9 55.3
86 84.0 51.2 76.8





#21

Allyl Chloride

Concen: 0.570 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

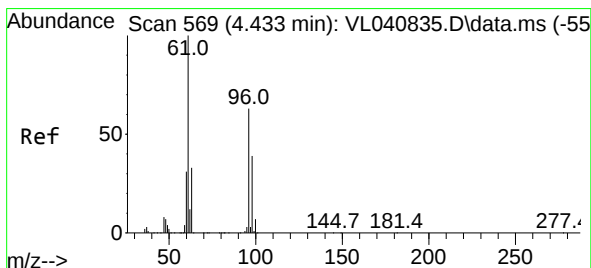
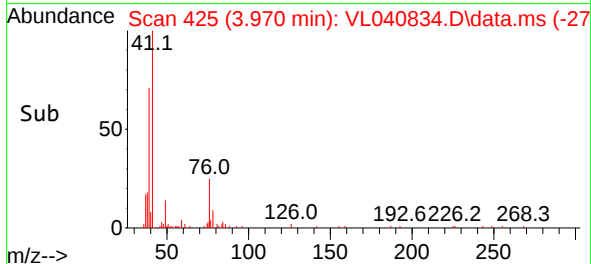
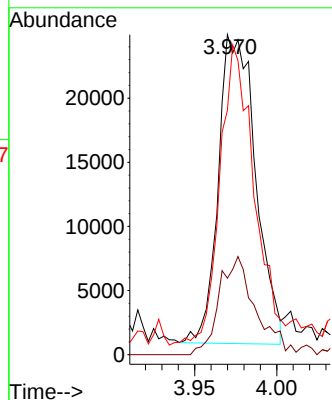
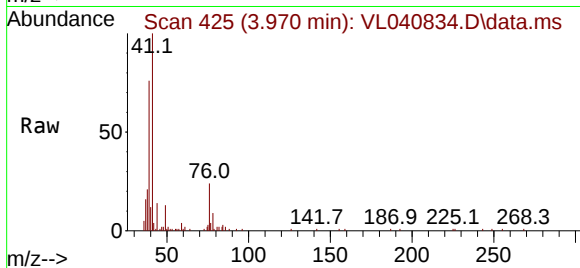
Tgt Ion: 41 Resp: 37940

Ion	Ratio	Lower	Upper
41	100		
76	32.8	24.3	36.5
39	104.1	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: 0.618 ppbv

RT: 4.423 min Scan# 566

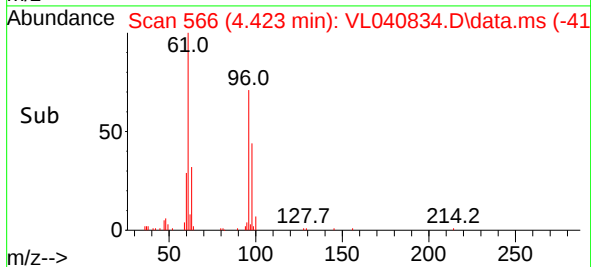
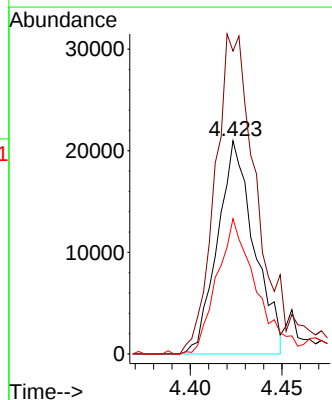
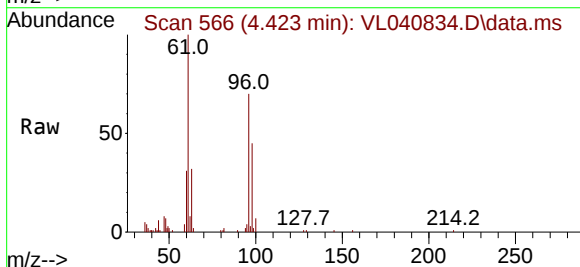
Delta R.T. -0.010 min

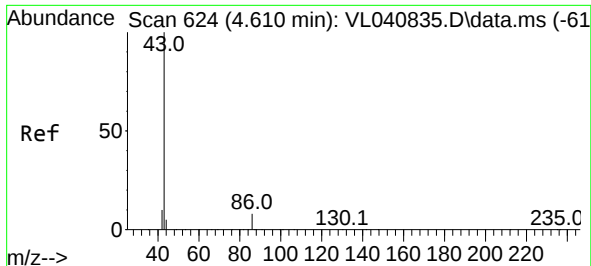
Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Tgt Ion: 96 Resp: 29121

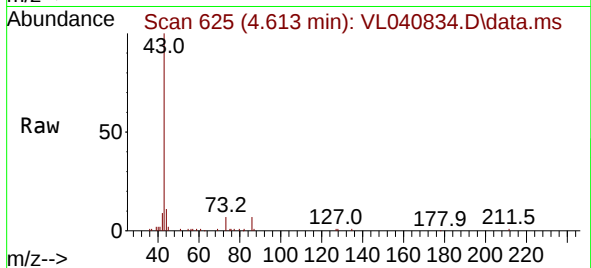
Ion	Ratio	Lower	Upper
96	100		
61	142.1	126.8	190.2
98	66.2	49.9	74.9





#23
 Vinyl Acetate
 Concen: 0.484 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040834.D
 Acq: 13 Nov 2023 10:06

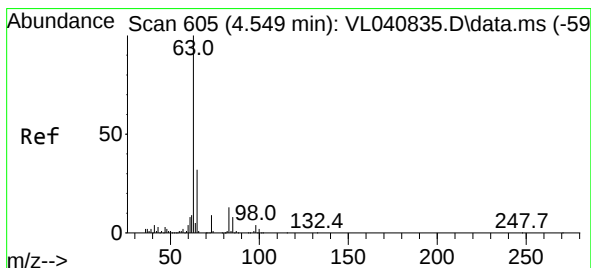
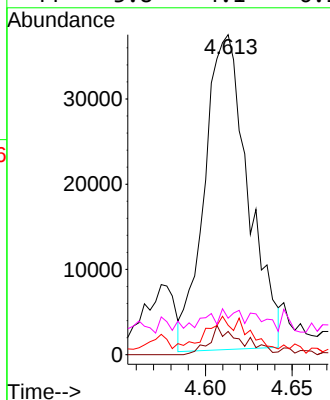
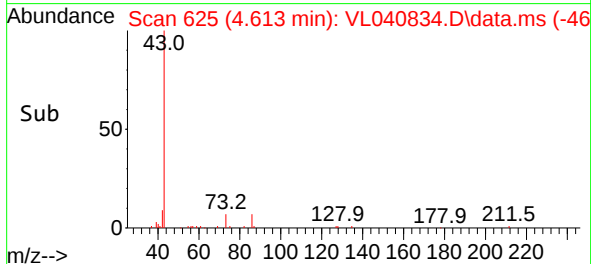
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 43 Resp: 6456
 Ion Ratio Lower Upper
 43 100
 86 8.1 5.5 8.3
 42 8.2 8.2 12.2
 44 3.8 4.1 6.1#

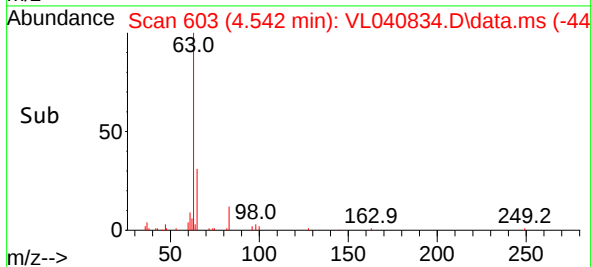
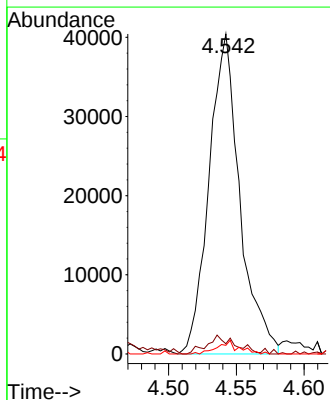
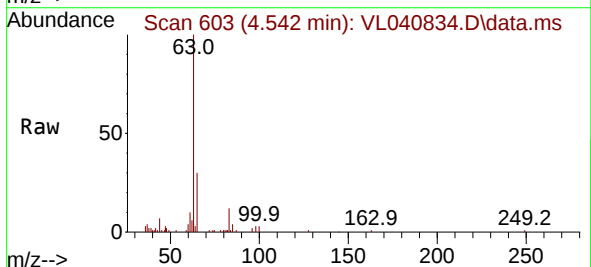
Manual Integrations
 APPROVED

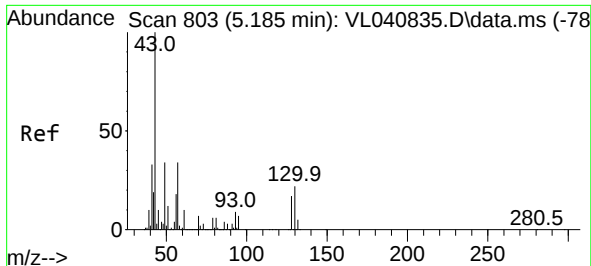
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 0.618 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. -0.006 min
 Lab File: VL040834.D
 Acq: 13 Nov 2023 10:06

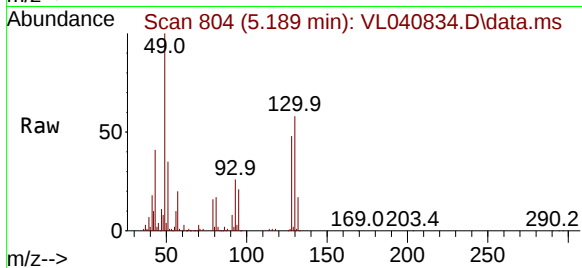
Tgt Ion: 63 Resp: 63821
 Ion Ratio Lower Upper
 63 100
 98 3.2 2.2 6.6
 100 2.7 1.0 3.0





#25
Ethyl Acetate
Concen: 0.510 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

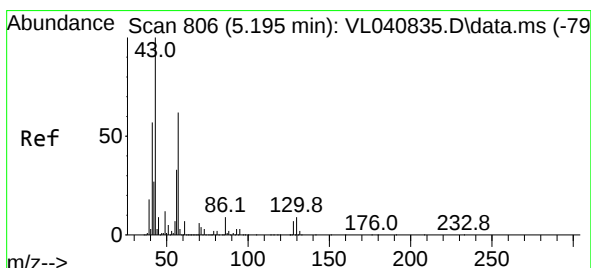
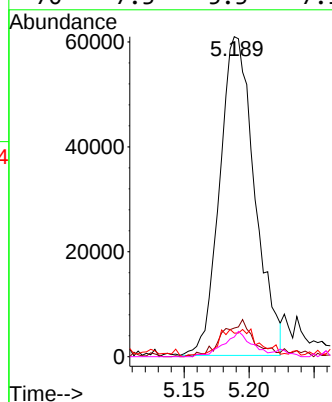
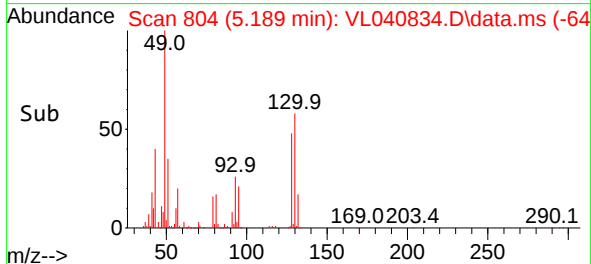
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 113789
Ion Ratio Lower Upper
43 100
45 12.3 8.1 12.1
61 9.1 7.8 11.6
70 7.3 5.3 7.9

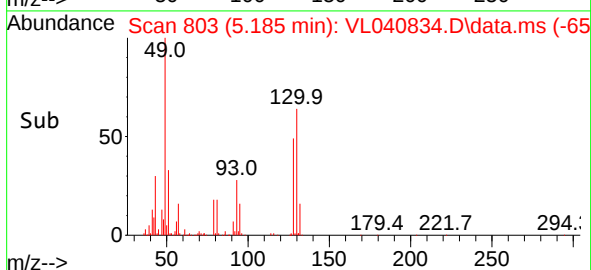
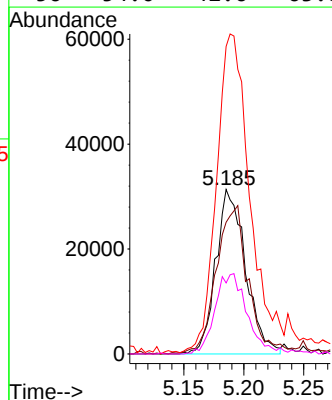
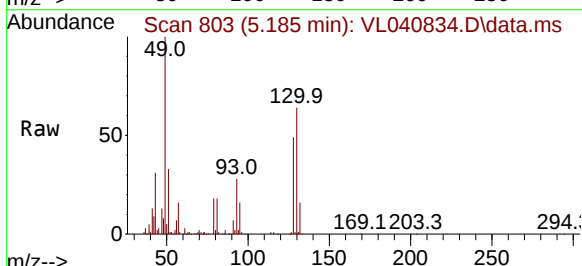
Manual Integrations
APPROVED

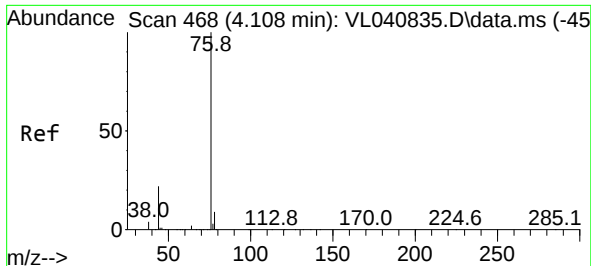
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#26
Hexane
Concen: 0.532 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

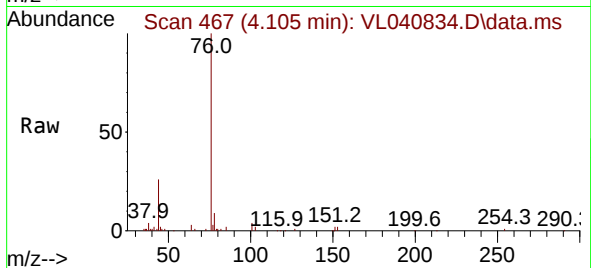
Tgt Ion: 57 Resp: 54093
Ion Ratio Lower Upper
57 100
41 101.2 75.2 112.8
43 236.5 185.4 278.2
56 54.0 42.6 63.8





#27
Carbon Disulfide
Concen: 0.616 ppbv
RT: 4.105 min Scan# 467
Delta R.T. -0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

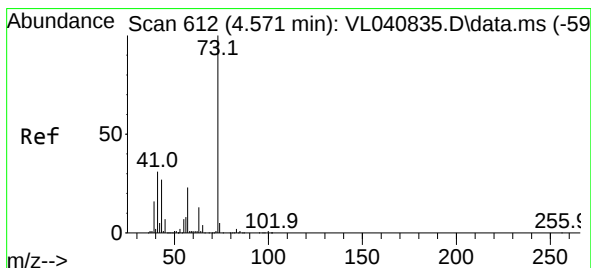
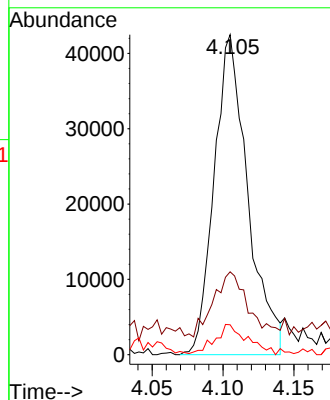
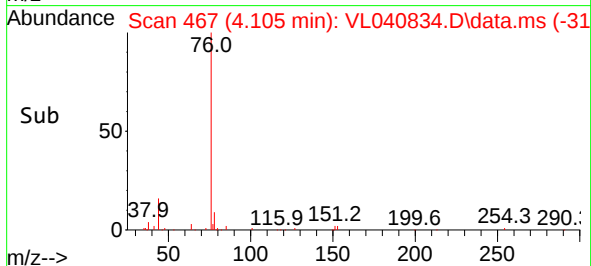
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 70220
Ion Ratio Lower Upper
76 100
44 24.0 16.6 24.8
78 9.0 7.7 11.5

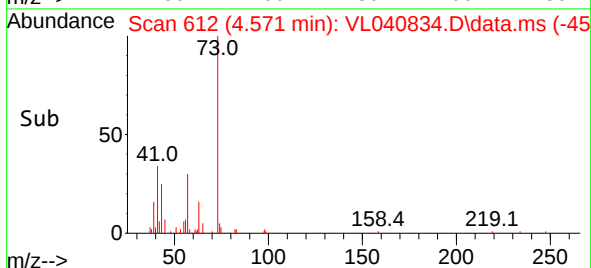
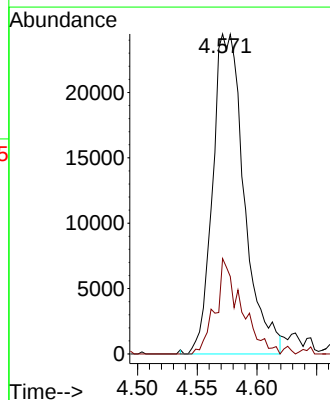
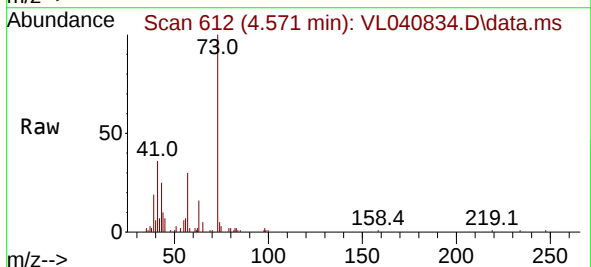
Manual Integrations
APPROVED

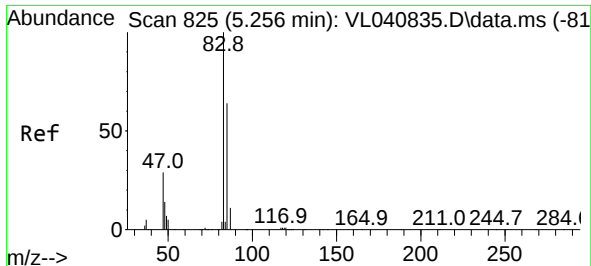
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#28
Methyl tert-Butyl Ether
Concen: 0.551 ppbv m
RT: 4.571 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Tgt Ion: 73 Resp: 44971
Ion Ratio Lower Upper
73 100
57 24.5 18.0 27.0





#29

Chloroform

Concen: 0.624 ppbv

RT: 5.246 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 9408

Ion Ratio Lower Upper

83 100

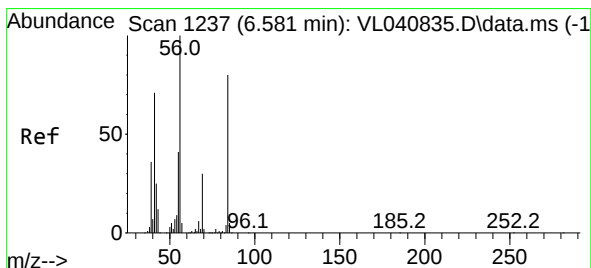
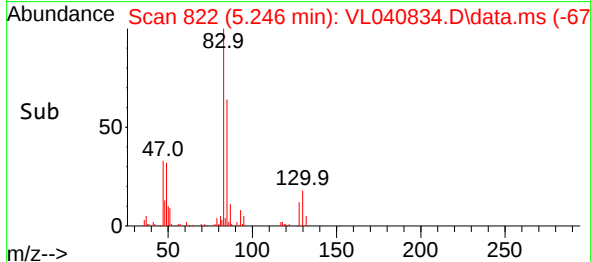
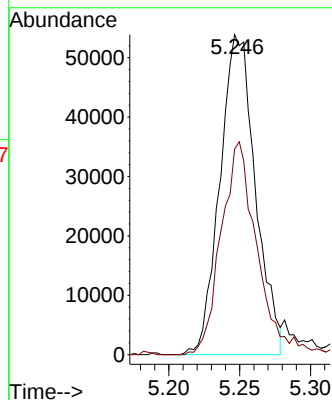
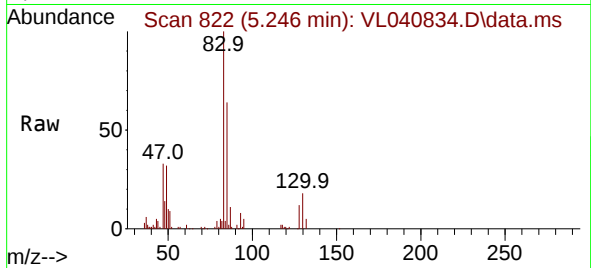
85 64.3 51.4 77.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#30

Cyclohexane

Concen: 0.570 ppbv m

RT: 6.574 min Scan# 1235

Delta R.T. -0.006 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

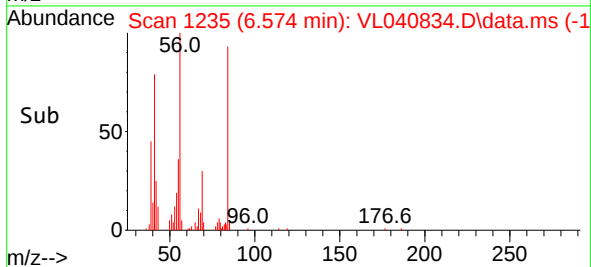
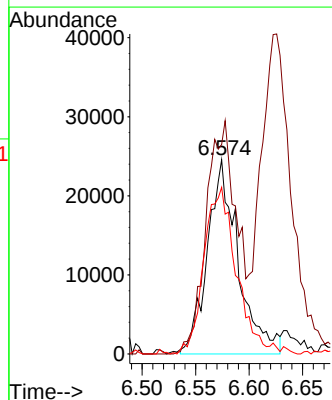
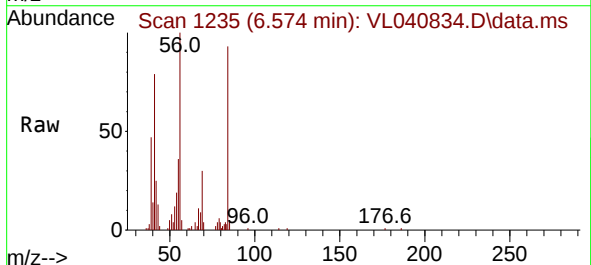
Tgt Ion: 84 Resp: 49184

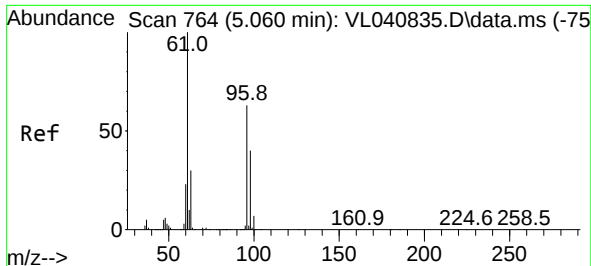
Ion Ratio Lower Upper

84 100

56 116.4 109.3 163.9

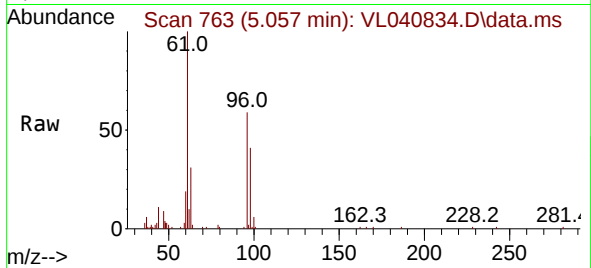
41 91.5 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 0.506 ppbv
RT: 5.057 min Scan# 763
Delta R.T. -0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

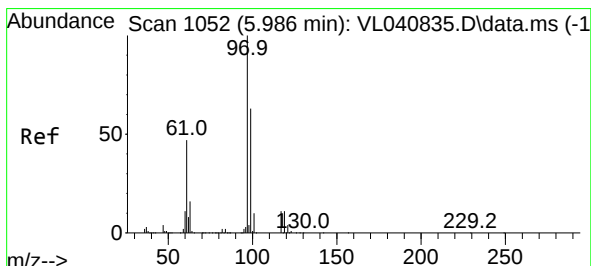
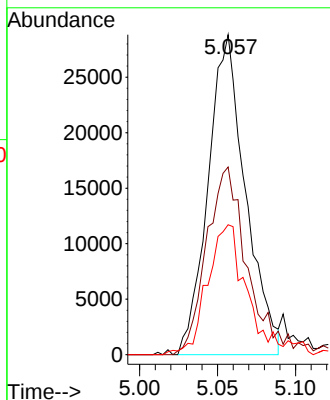
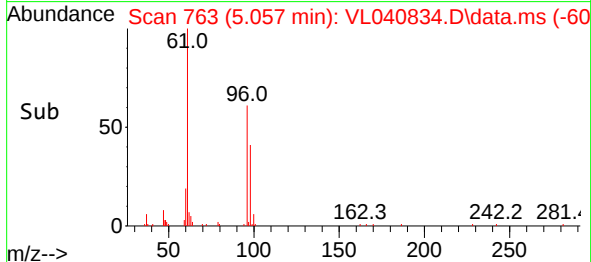
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 61 Resp: 48170
Ion Ratio Lower Upper
61 100
96 57.4 50.5 75.7
98 39.5 31.9 47.9

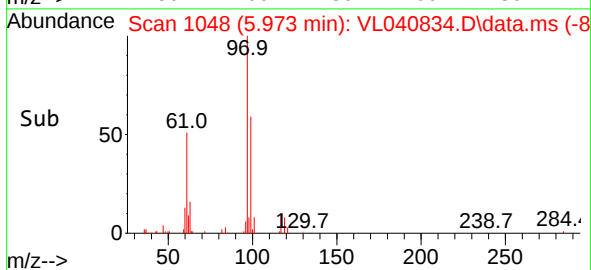
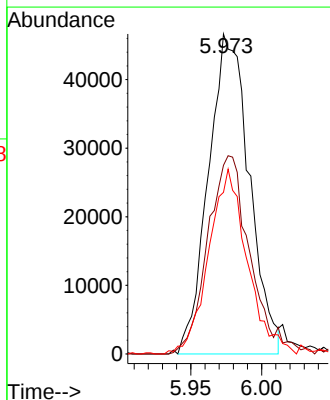
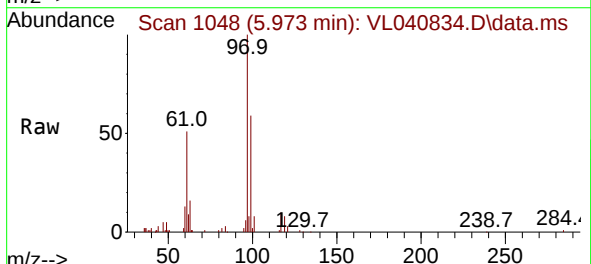
Manual Integrations
APPROVED

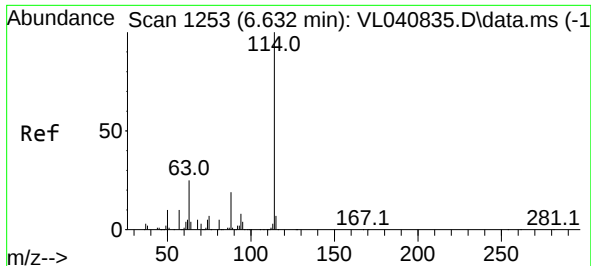
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 0.589 ppbv
RT: 5.973 min Scan# 1048
Delta R.T. -0.013 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Tgt Ion: 97 Resp: 93583
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.4
61 55.5 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 3010529

Ion Ratio Lower Upper

114 100

63 25.8 20.7 31.1

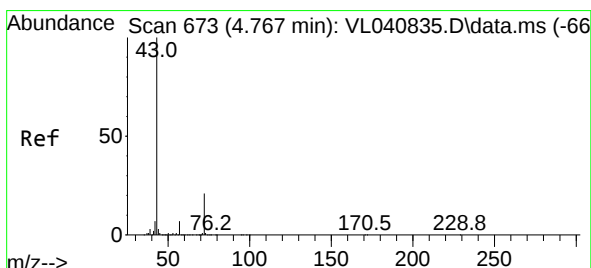
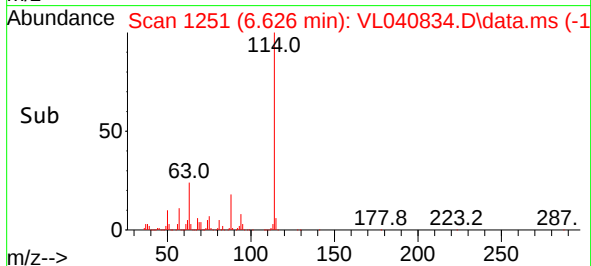
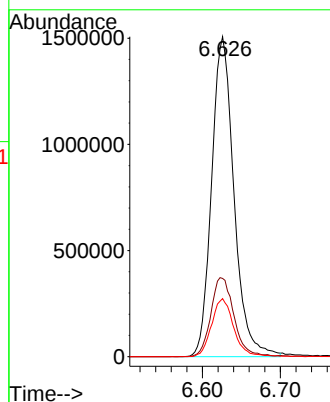
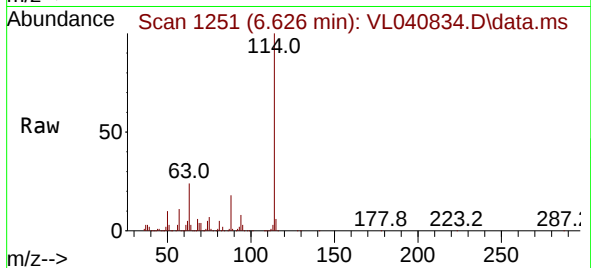
88 18.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#34

2-Butanone

Concen: 0.471 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.013 min

Lab File: VL040834.D

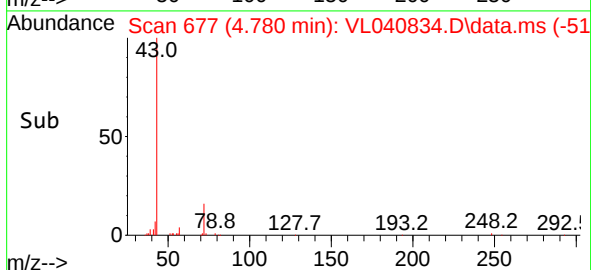
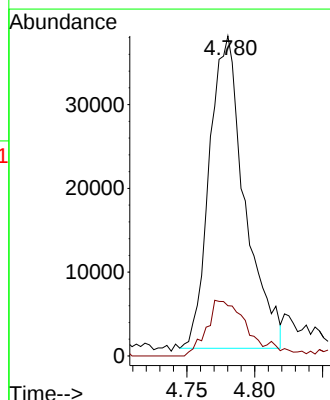
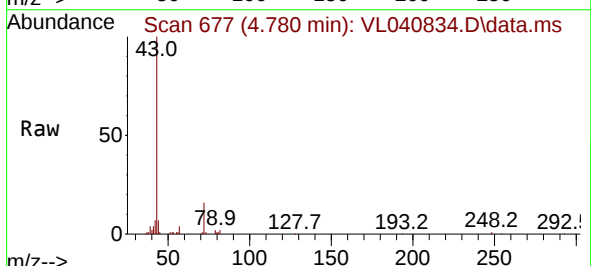
Acq: 13 Nov 2023 10:06

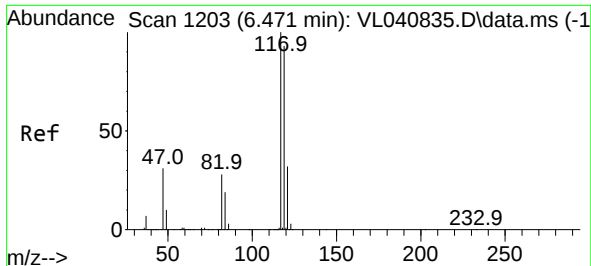
Tgt Ion: 43 Resp: 67632

Ion Ratio Lower Upper

43 100

72 23.2 17.2 25.8





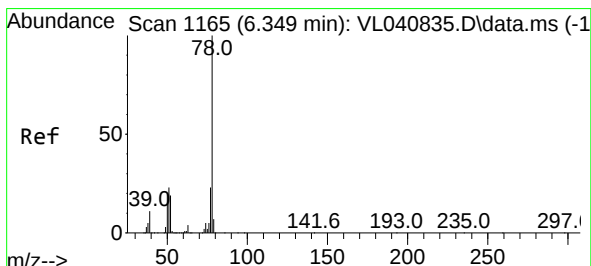
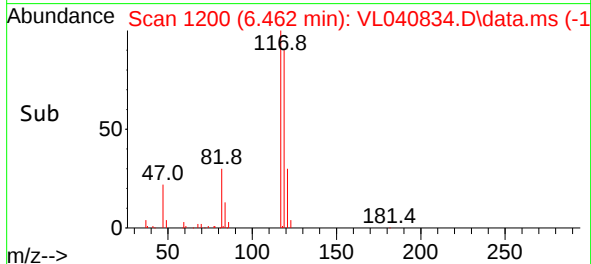
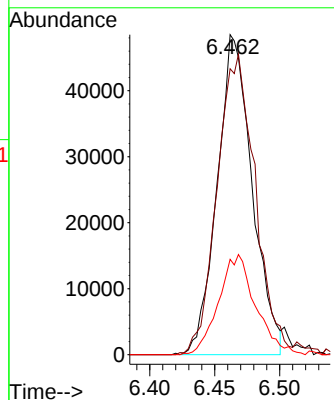
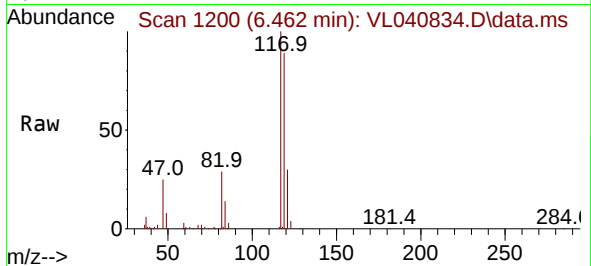
#35
Carbon Tetrachloride
Concen: 0.529 ppbv
RT: 6.462 min Scan# 117
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 117 Resp: 9081
Ion Ratio Lower Upper
117 100
119 88.7 74.7 112.1
121 29.8 25.5 38.3

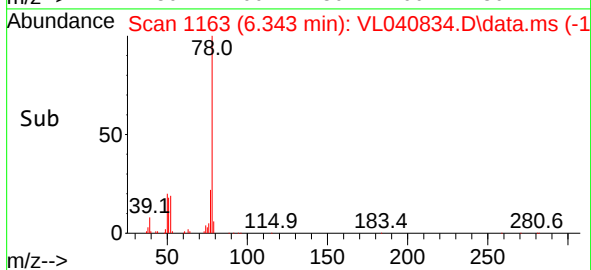
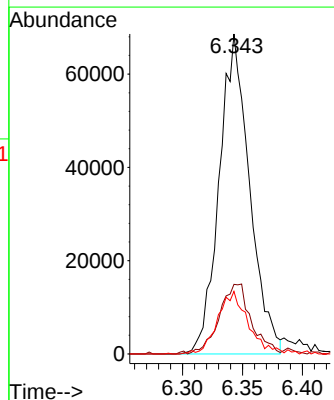
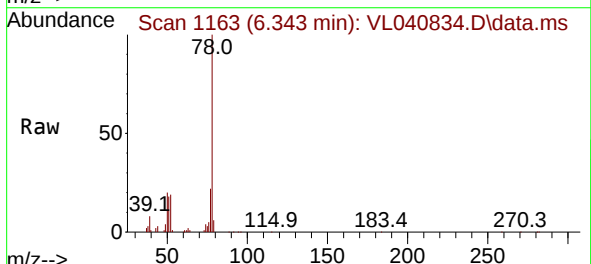
Manual Integrations
APPROVED

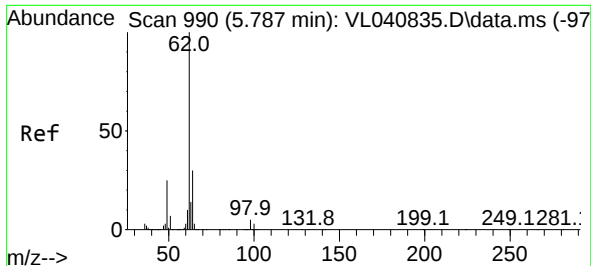
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#36
Benzene
Concen: 0.523 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Tgt Ion: 78 Resp: 121022
Ion Ratio Lower Upper
78 100
77 21.4 18.4 27.6
50 19.6 16.2 24.2





#37

1,2-Dichloroethane

Concen: 0.619 ppbv

RT: 5.783 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 62 Resp: 7556

Ion Ratio Lower Upper

62 100

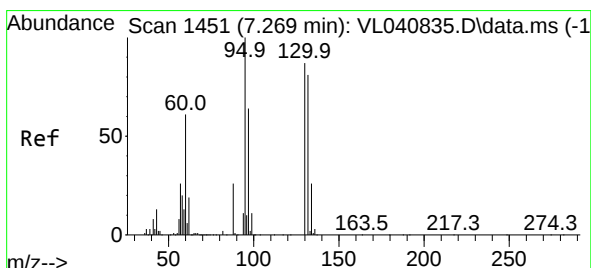
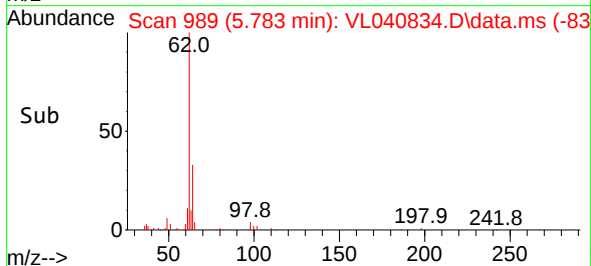
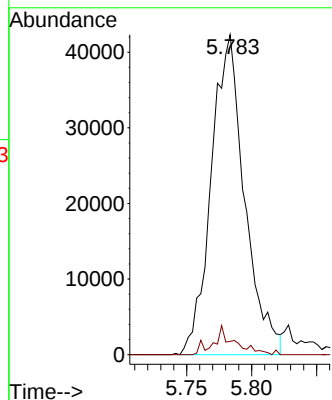
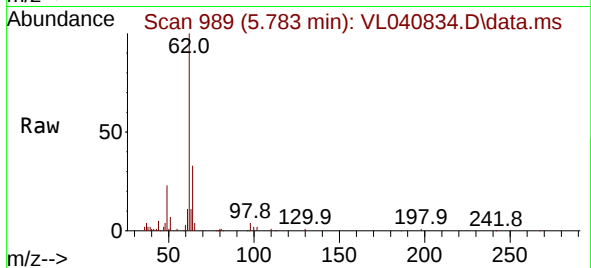
98 5.7 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#38

Trichloroethene

Concen: 0.452 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. -0.006 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Tgt Ion:130 Resp: 46158

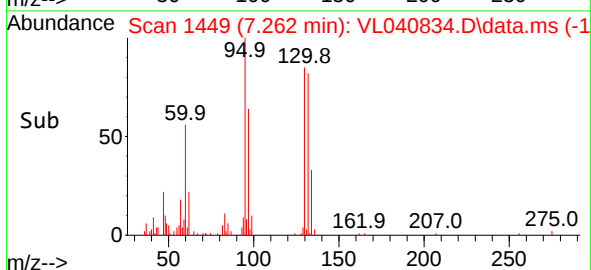
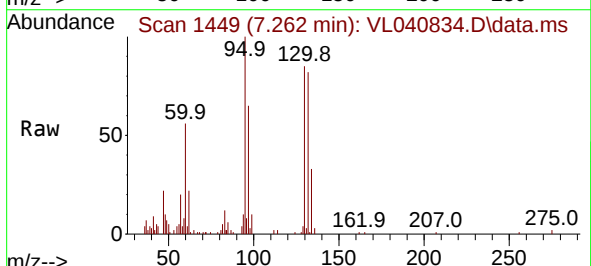
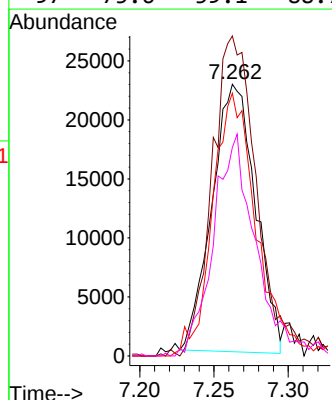
Ion Ratio Lower Upper

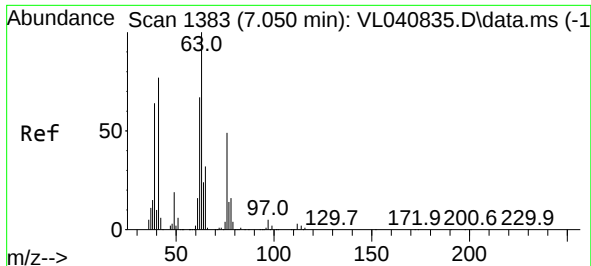
130 100

95 120.5 92.4 138.6

132 96.7 75.1 112.7

97 75.6 59.1 88.7





#39

1,2-Dichloropropane

Concen: 0.561 ppbv

RT: 7.044 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

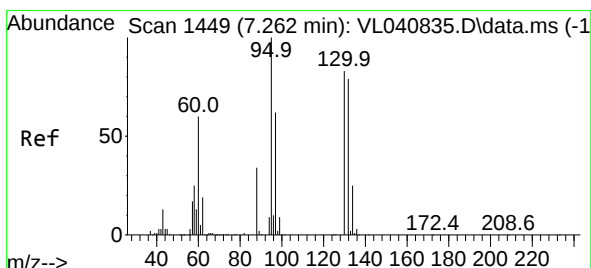
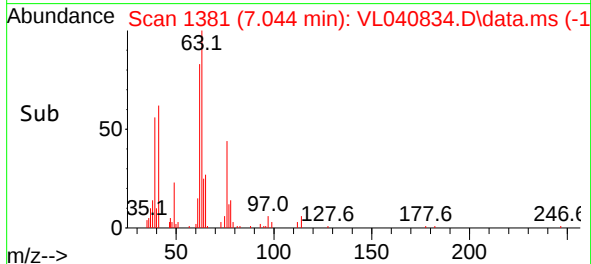
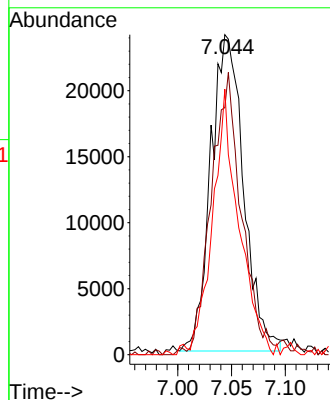
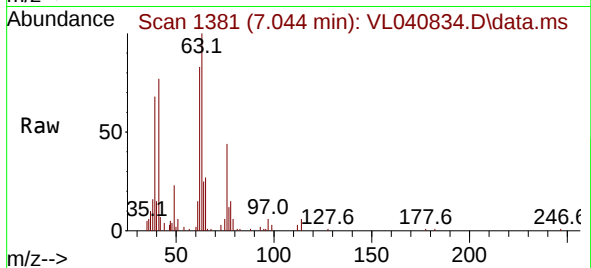
VSTDIC0.5

Tgt Ion: 63	Resp: 5080
Ion Ratio	Lower Upper
63	100
41	75.9 61.5 92.3
62	84.0 53.9 80.9

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 0.573 ppbv m

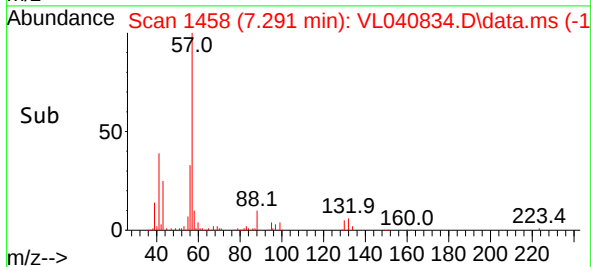
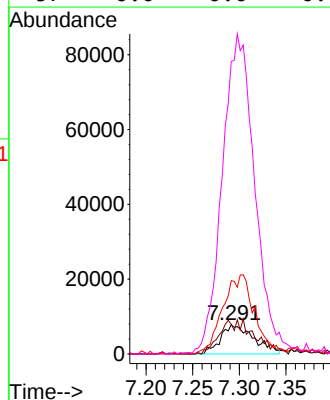
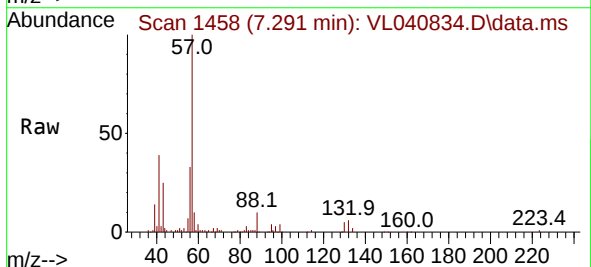
RT: 7.291 min Scan# 1458

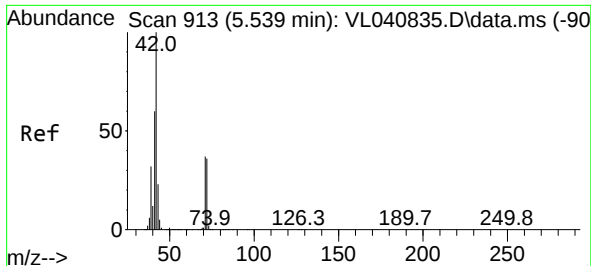
Delta R.T. 0.029 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Tgt Ion: 88	Resp: 19434
Ion Ratio	Lower Upper
88	100
58	0.0 101.5 152.3
43	0.0 0.0 0.0
57	0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.548 ppbv m

RT: 5.558 min Scan# 913

Delta R.T. 0.019 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

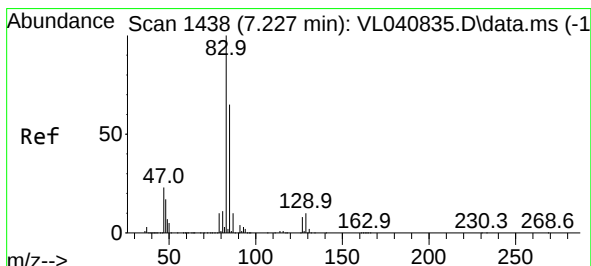
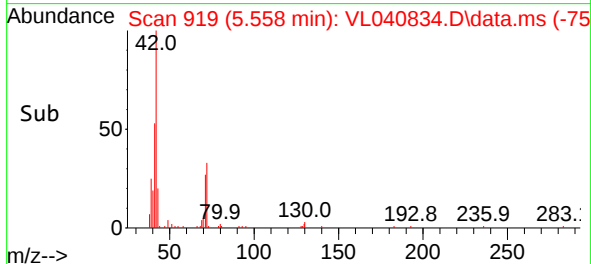
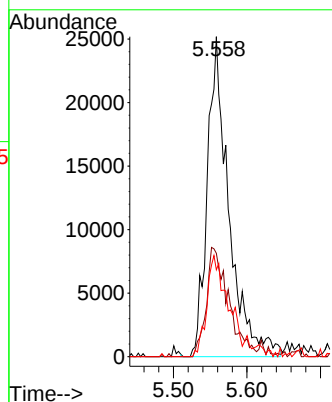
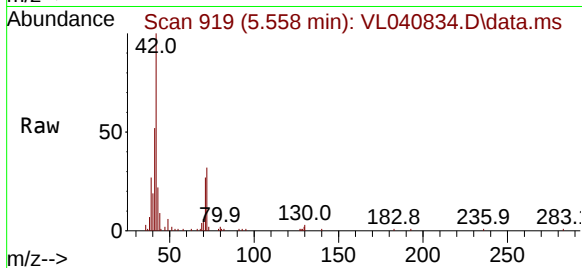
VSTDIC0.5

Tgt Ion:	42	Resp:	5135
Ion Ratio	Lower	Upper	
42	100		
72	0.0	30.8	46.2
71	0.0	30.0	45.0

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 0.540 ppbv

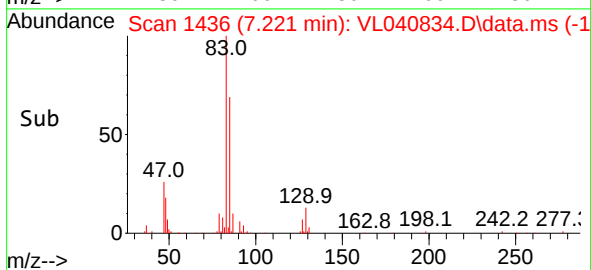
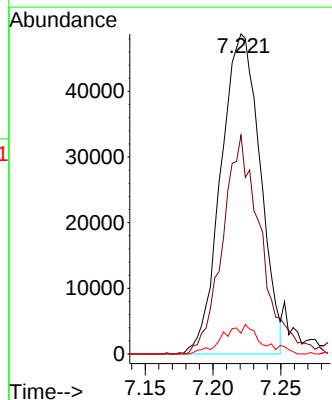
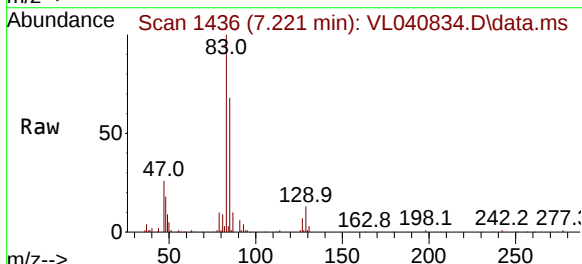
RT: 7.221 min Scan# 1436

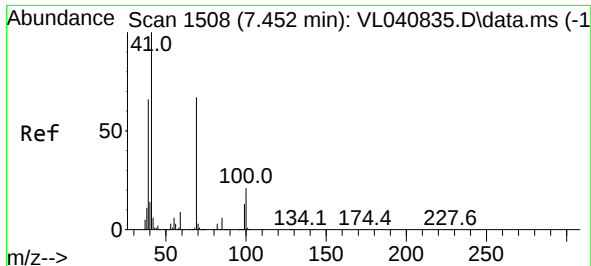
Delta R.T. -0.006 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Tgt Ion:	83	Resp:	98256
Ion Ratio	Lower	Upper	
83	100		
85	67.9	52.3	78.5
127	6.5	6.6	10.0





#43
Methyl Methacrylate
Concen: 0.463 ppbv
RT: 7.459 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

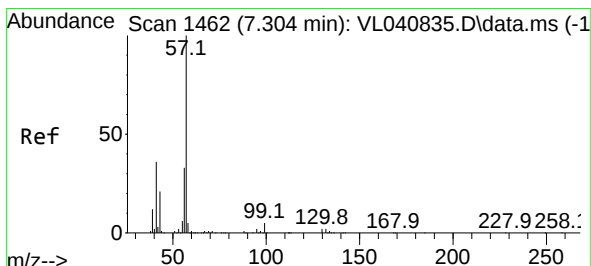
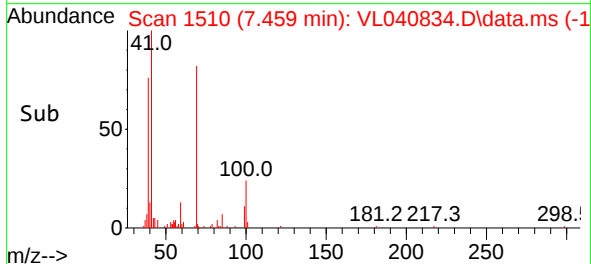
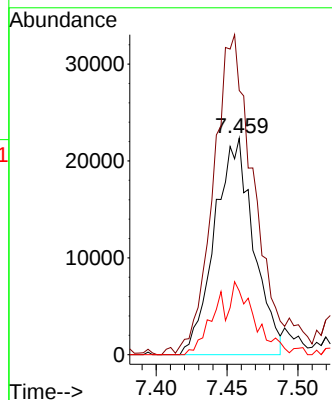
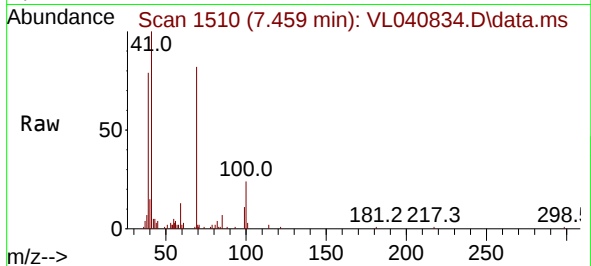
VSTDICC0.5

Tgt Ion: 69 Resp: 42808
Ion Ratio Lower Upper
69 100
41 155.7 123.5 185.3
100 33.7 25.4 38.2

Manual Integrations

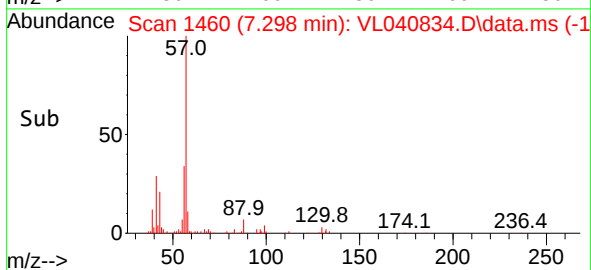
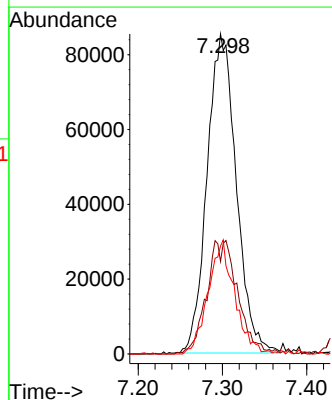
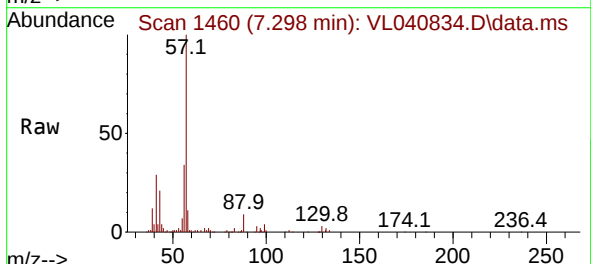
APPROVED

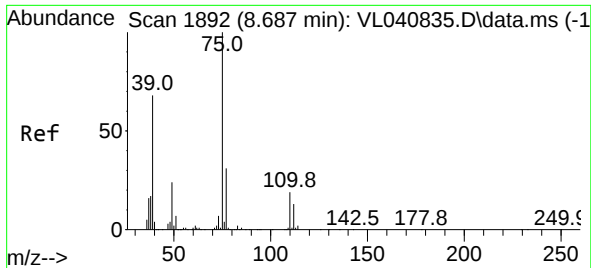
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44
2,2,4-Trimethylpentane
Concen: 0.525 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

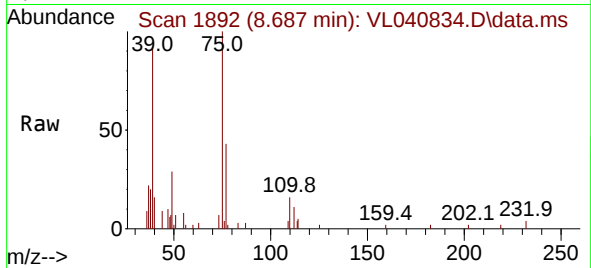
Tgt Ion: 57 Resp: 205425
Ion Ratio Lower Upper
57 100
41 38.5 29.0 43.6
56 32.7 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 0.306 ppbv m
RT: 8.687 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

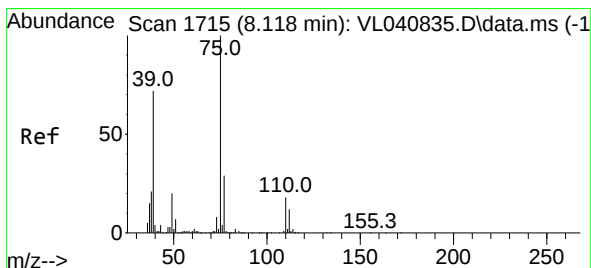
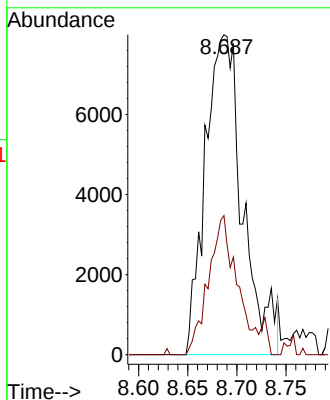
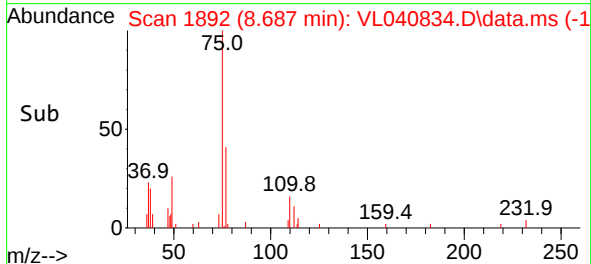
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 75 Resp: 2122
Ion Ratio Lower Upper
75 100
77 43.4 24.9 37.3

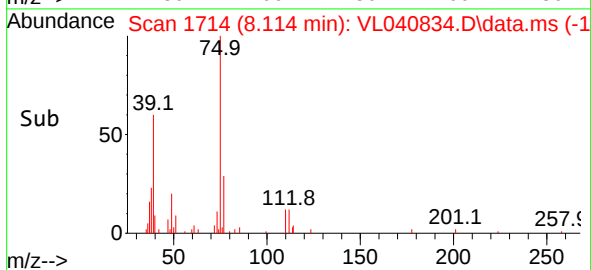
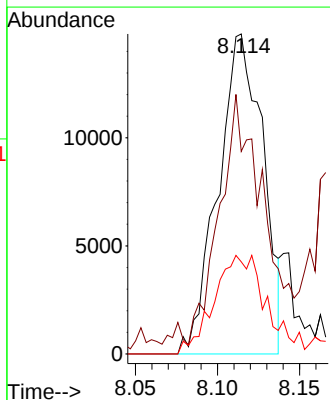
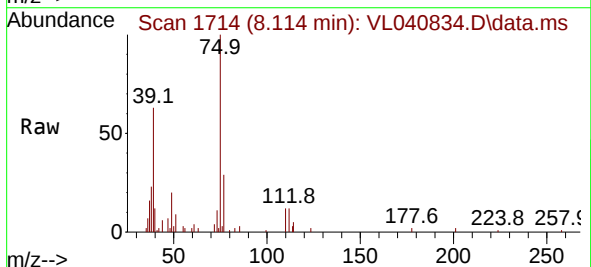
Manual Integrations
APPROVED

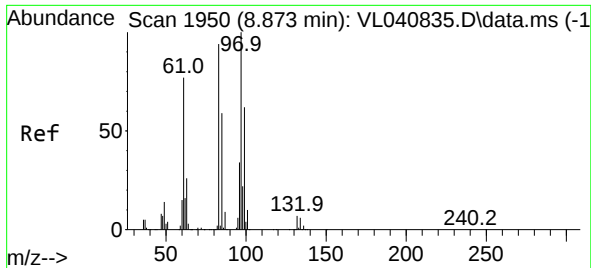
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#46
cis-1,3-Dichloropropene
Concen: 0.326 ppbv
RT: 8.114 min Scan# 1714
Delta R.T. -0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Tgt Ion: 75 Resp: 28118
Ion Ratio Lower Upper
75 100
39 51.8 57.3 85.9#
77 28.8 23.0 34.6





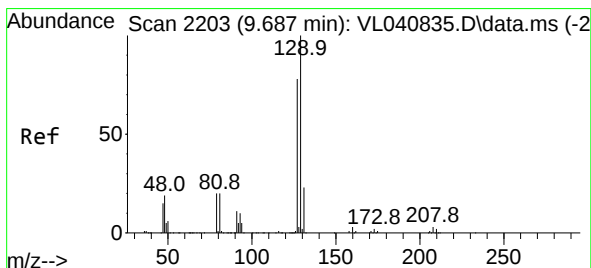
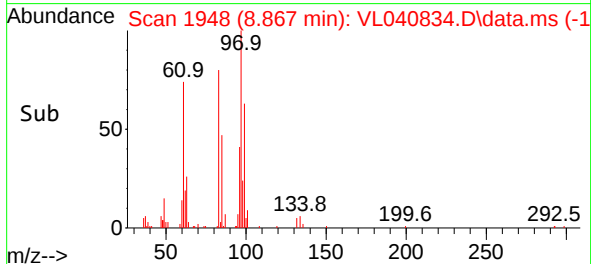
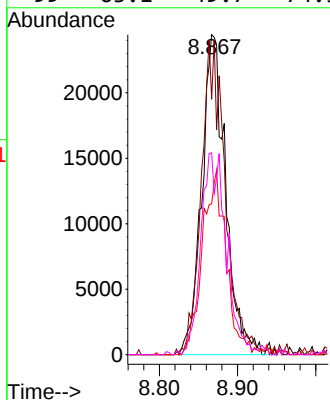
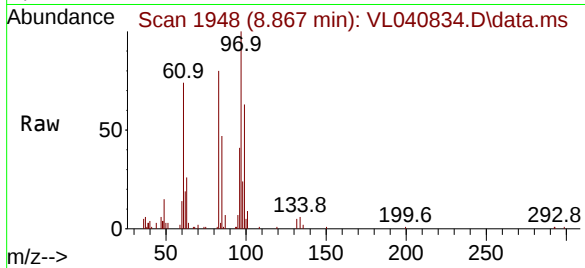
#47
1,1,2-Trichloroethane
Concen: 0.546 ppbv m
RT: 8.867 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 5208
Ion Ratio Lower Upper
97 100
83 79.8 74.8 112.2
85 47.2 47.4 71.0
99 63.1 49.7 74.5

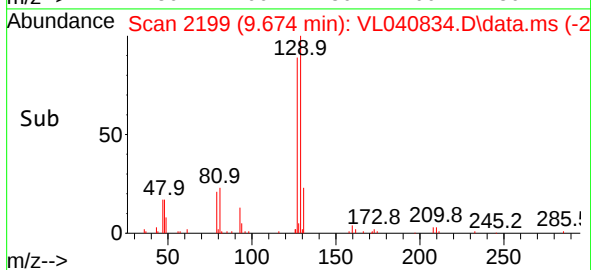
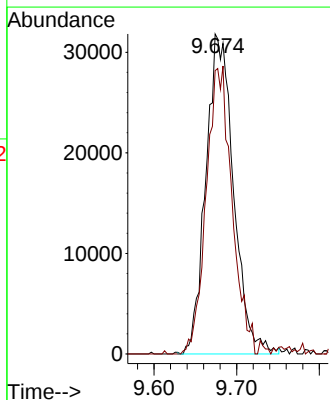
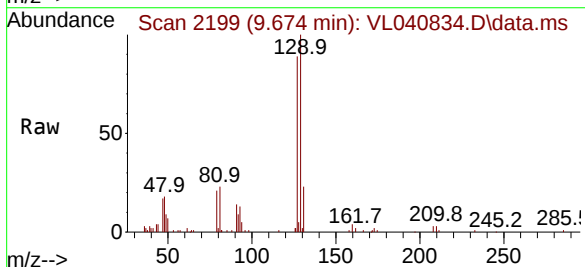
Manual Integrations
APPROVED

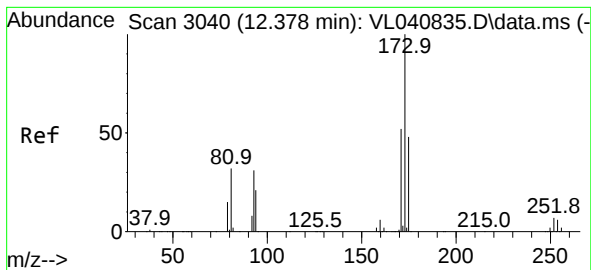
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48
Dibromochloromethane
Concen: 0.462 ppbv m
RT: 9.674 min Scan# 2199
Delta R.T. -0.013 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Tgt Ion:129 Resp: 74183
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.9





#49

Bromoform

Concen: 0.418 ppbv m

RT: 12.384 min Scan# 3040

Delta R.T. 0.006 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

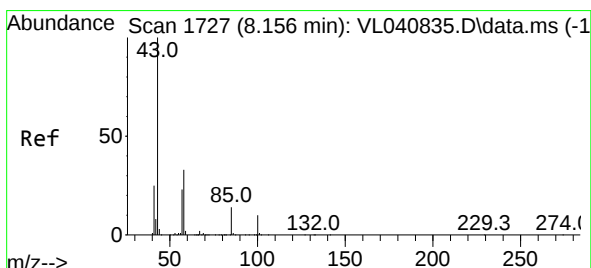
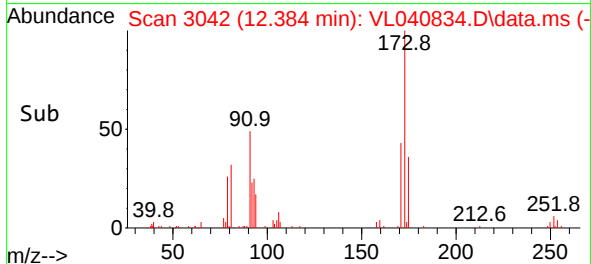
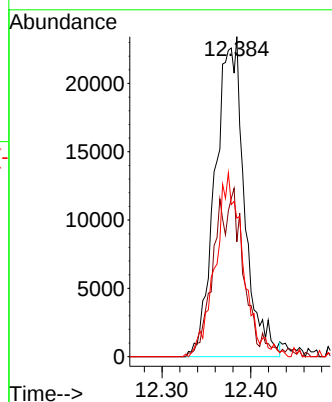
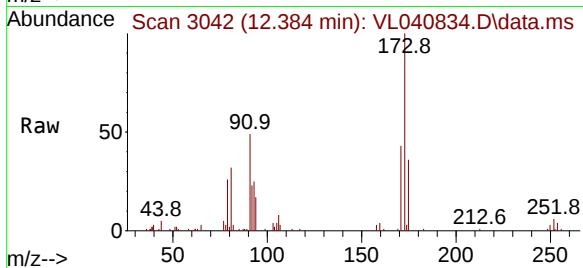
VSTDIC0.5

Tgt Ion:	173	Resp:	53400
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.1	58.7
171	54.9	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: 0.495 ppbv

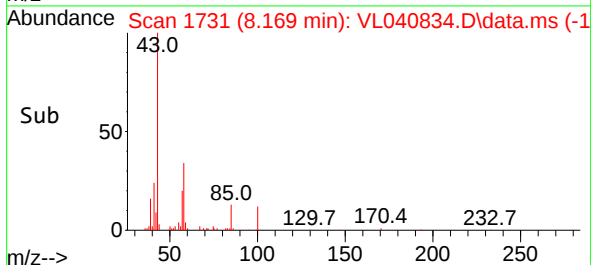
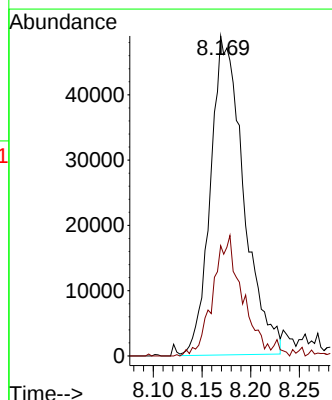
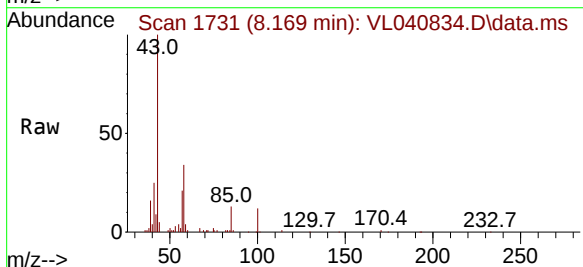
RT: 8.169 min Scan# 1731

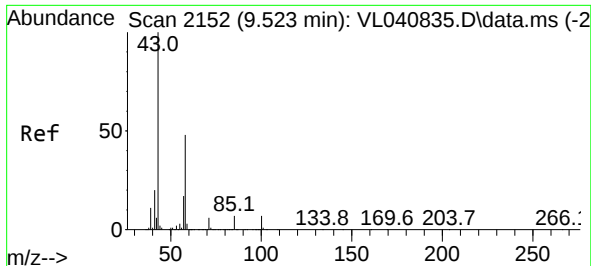
Delta R.T. 0.013 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Tgt Ion:	43	Resp:	115537
Ion Ratio	Lower	Upper	
43	100		
58	35.1	27.7	41.5





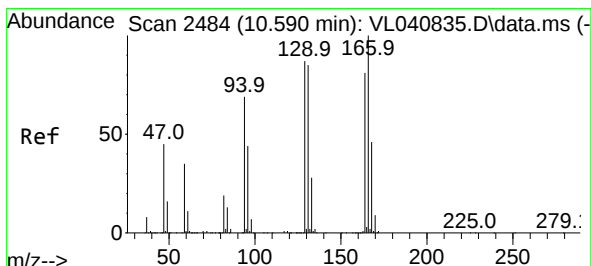
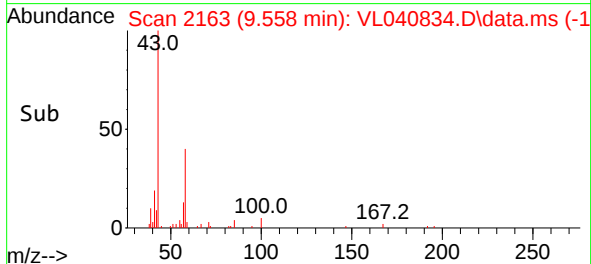
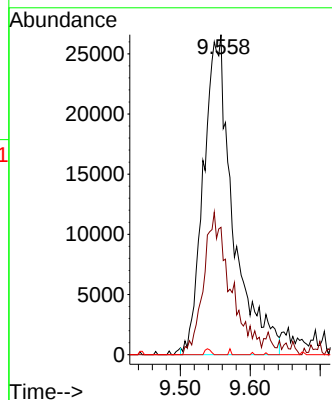
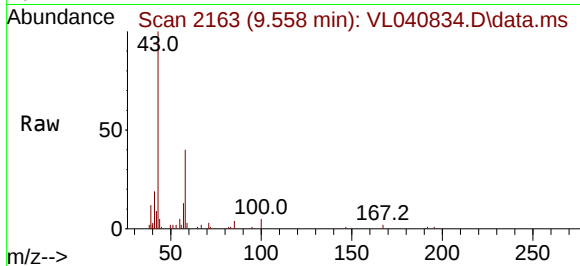
#51
2-Hexanone
Concen: 0.442 ppbv m
RT: 9.558 min Scan# 2152
Delta R.T. 0.035 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 7792
Ion Ratio Lower Upper
43 100
58 42.2 37.4 56.0
98 0.4 0.2 0.4

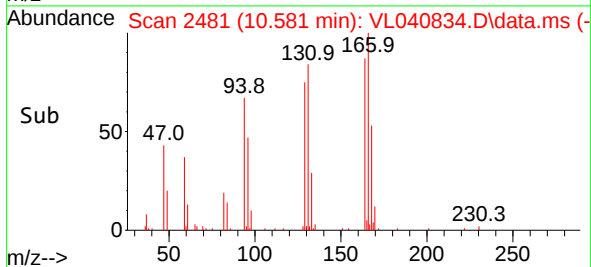
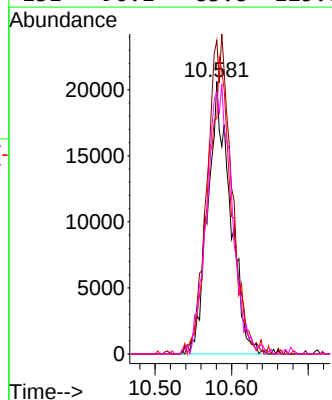
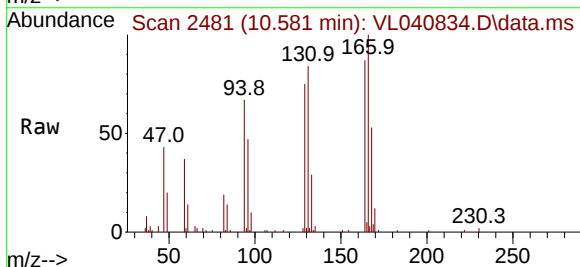
Manual Integrations
APPROVED

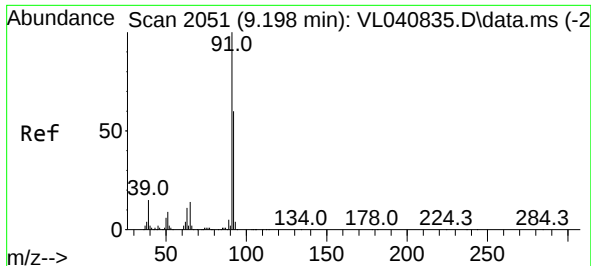
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52
Tetrachloroethene
Concen: 0.457 ppbv m
RT: 10.581 min Scan# 2481
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

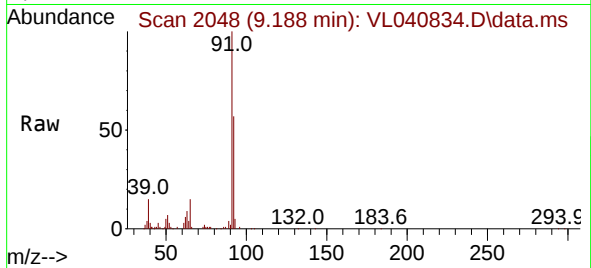
Tgt Ion:164 Resp: 42460
Ion Ratio Lower Upper
164 100
166 115.0 98.3 147.5
129 86.3 85.1 127.7
131 96.1 83.8 125.6





#53
Toluene
Concen: 0.489 ppbv m
RT: 9.188 min Scan# 2048
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

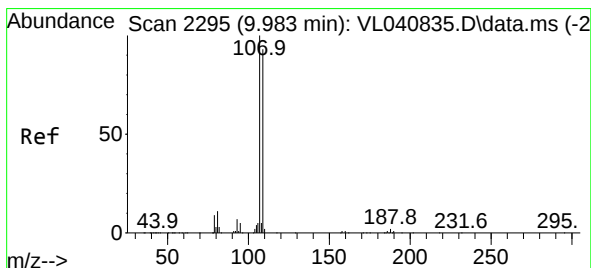
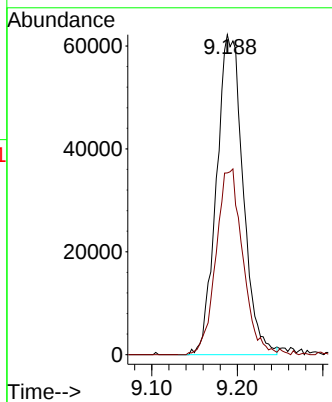
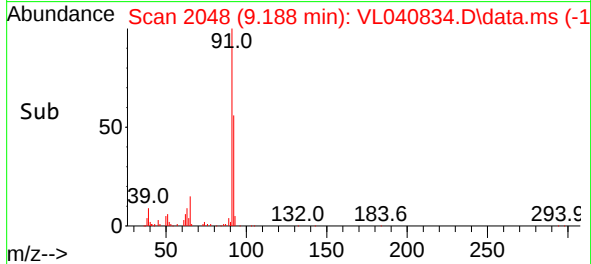
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



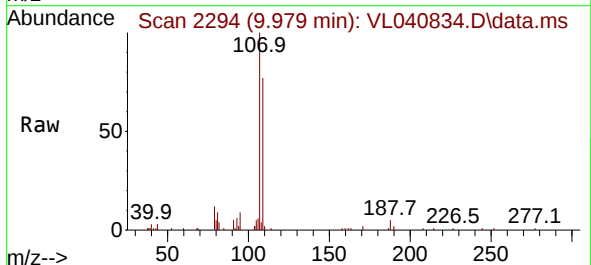
Tgt Ion: 91 Resp: 134164
Ion Ratio Lower Upper
91 100
92 0.0 49.4 74.2

Manual Integrations
APPROVED

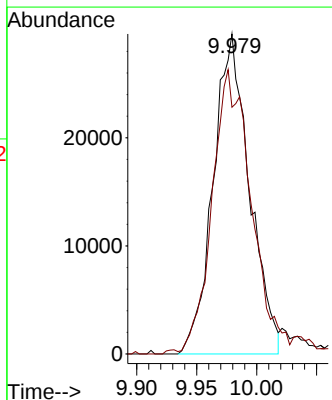
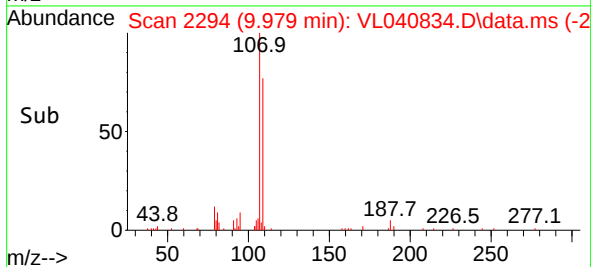
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

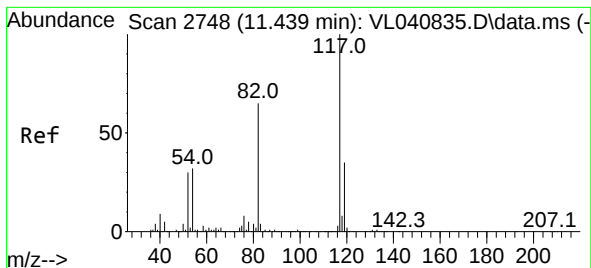


#54
1,2-Dibromoethane
Concen: 0.470 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



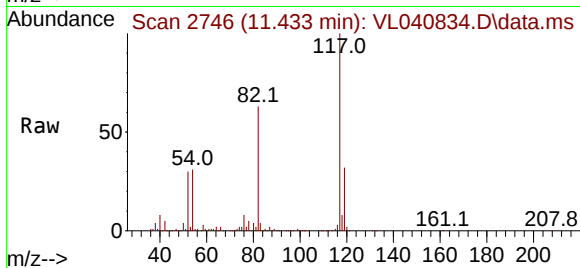
Tgt Ion:107 Resp: 62221
Ion Ratio Lower Upper
107 100
109 76.3 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

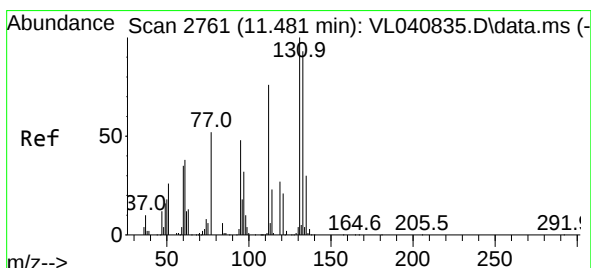
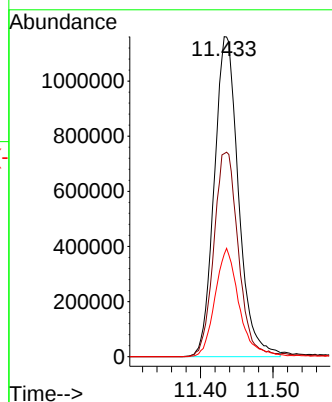
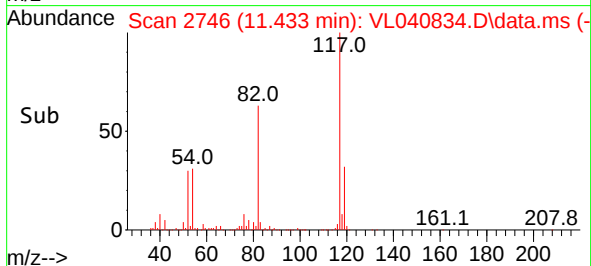
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



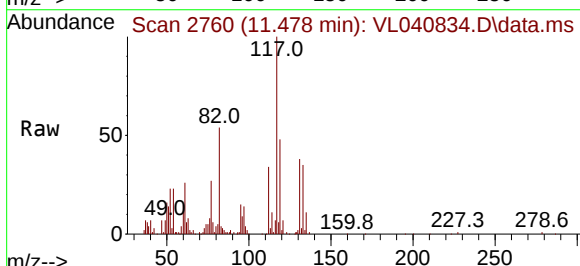
Tgt Ion:117 Resp: 2704979
Ion Ratio Lower Upper
117 100
82 65.8 50.6 75.8
119 33.8 23.3 34.9

Manual Integrations
APPROVED

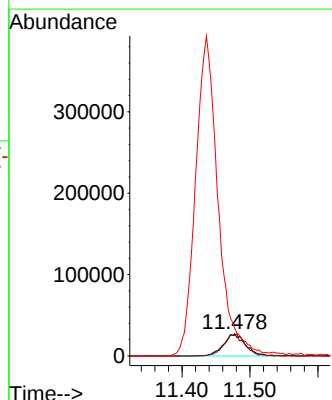
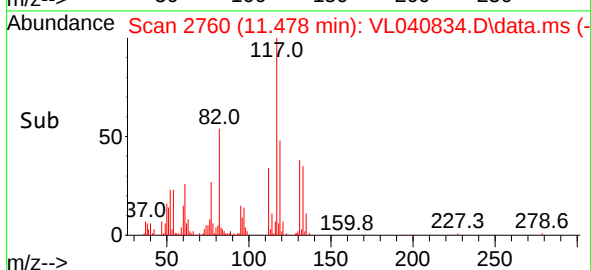
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

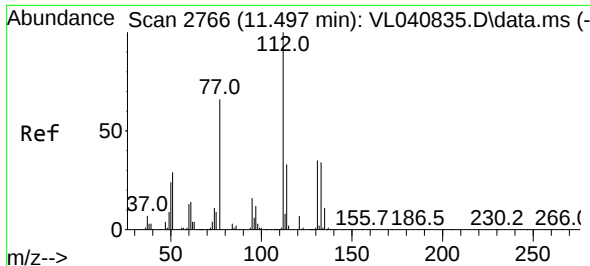


#56
1,1,1,2-Tetrachloroethane
Concen: 0.543 ppbv m
RT: 11.478 min Scan# 2760
Delta R.T. -0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



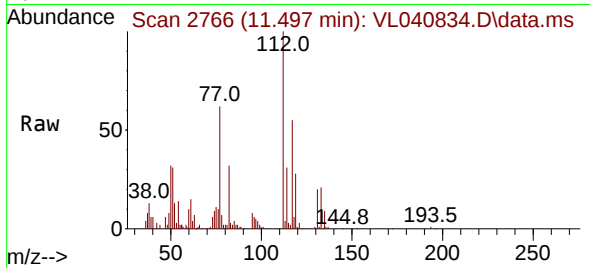
Tgt Ion:131 Resp: 60495
Ion Ratio Lower Upper
131 100
133 95.8 76.5 114.7
119 0.0 47.2 70.8#





#57
Chlorobenzene
Concen: 0.546 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

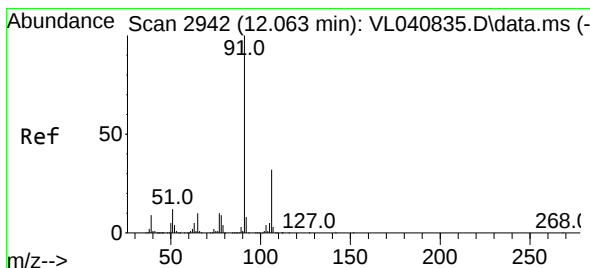
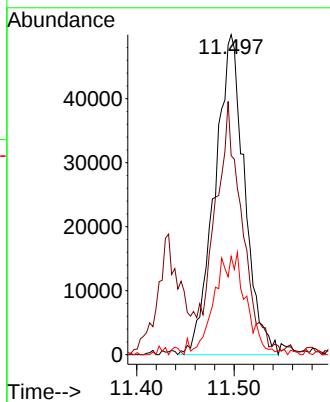
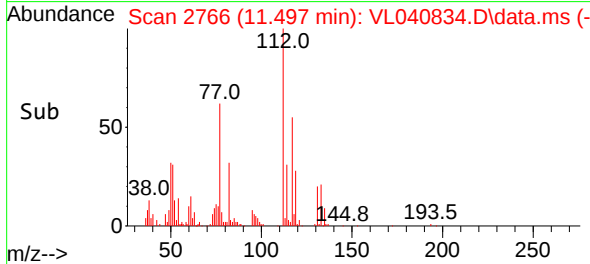
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



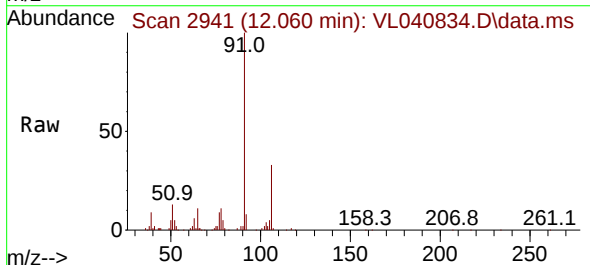
Tgt Ion:112 Resp: 10630
Ion Ratio Lower Upper
112 100
77 59.4 53.3 79.9
114 29.4 29.3 35.9

Manual Integrations
APPROVED

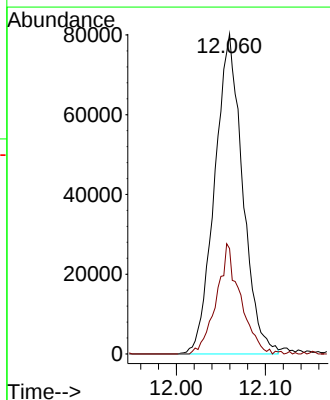
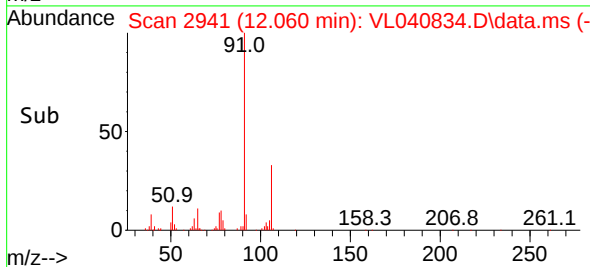
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

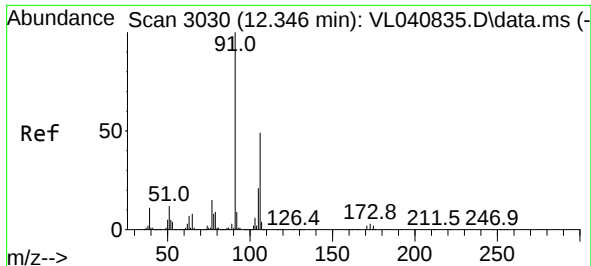


#58
Ethyl Benzene
Concen: 0.509 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



Tgt Ion: 91 Resp: 174736
Ion Ratio Lower Upper
91 100
106 33.0 25.2 37.8





#59

m/p-Xylene

Concen: 1.057 ppbv m

RT: 12.343 min Scan# 3030

Delta R.T. -0.003 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 91 Resp: 30000

Ion Ratio Lower Upper

91 100

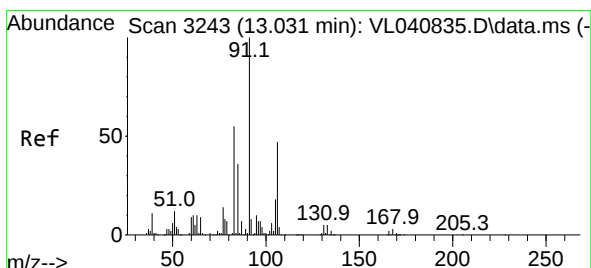
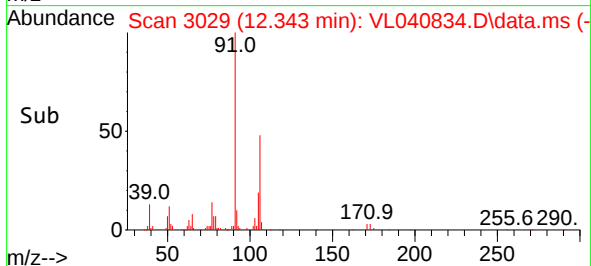
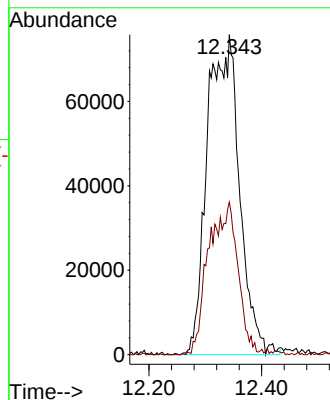
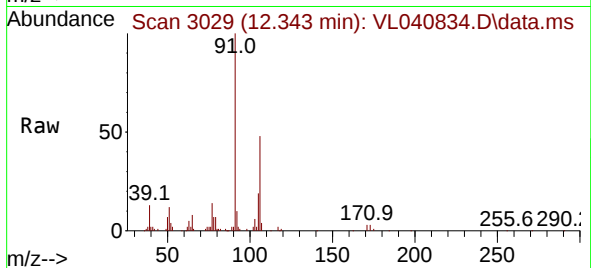
106 0.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#60

o-Xylene

Concen: 0.533 ppbv

RT: 13.027 min Scan# 3242

Delta R.T. -0.003 min

Lab File: VL040834.D

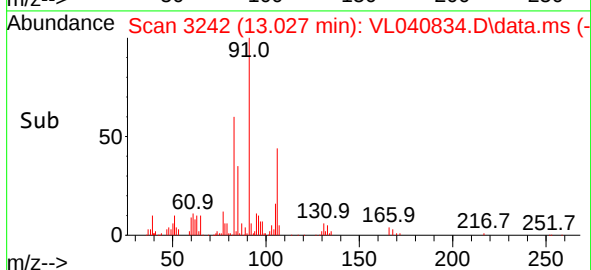
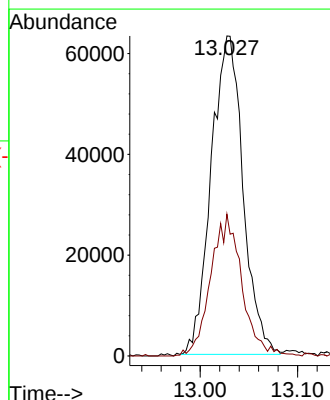
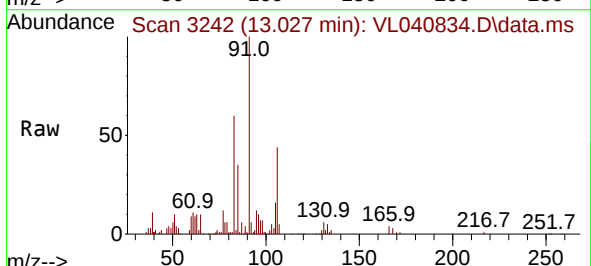
Acq: 13 Nov 2023 10:06

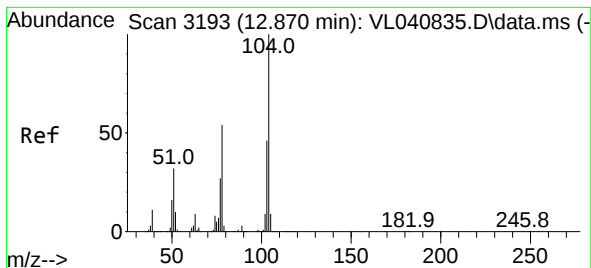
Tgt Ion: 91 Resp: 143819

Ion Ratio Lower Upper

91 100

106 43.5 22.9 68.7





#61

Styrene

Concen: 0.409 ppbv m

RT: 12.873 min Scan# 3193

Delta R.T. 0.003 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

Instrument :

MSVOA_L

ClientSampleId :

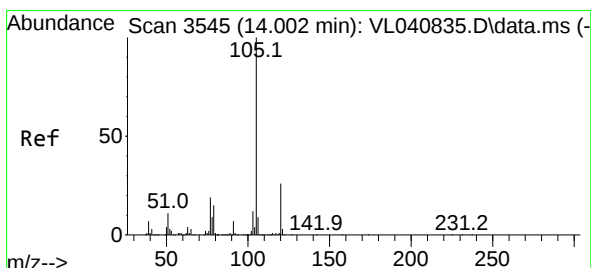
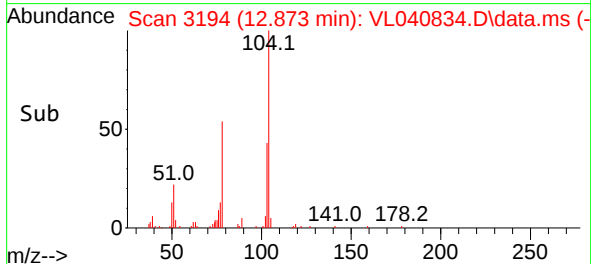
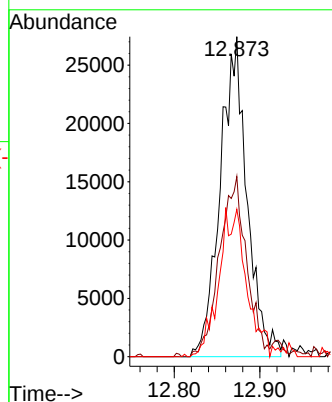
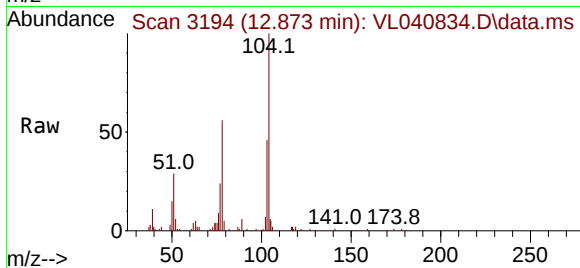
VSTDIC0.5

Tgt Ion:104 Resp: 59958
 Ion Ratio Lower Upper
 104 100
 78 0.0 43.3 64.9
 103 49.3 37.6 56.4

Manual Integrations

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



#62

Isopropylbenzene

Concen: 0.526 ppbv

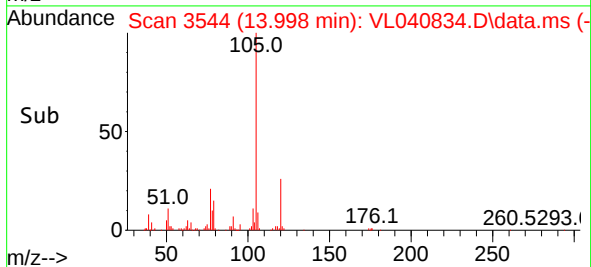
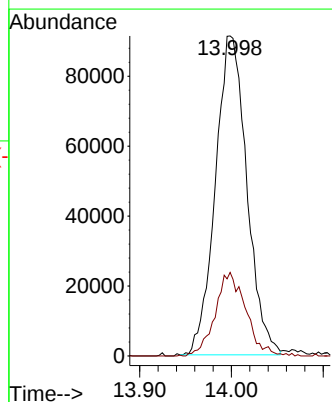
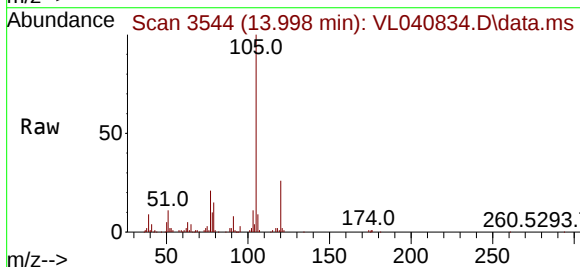
RT: 13.998 min Scan# 3544

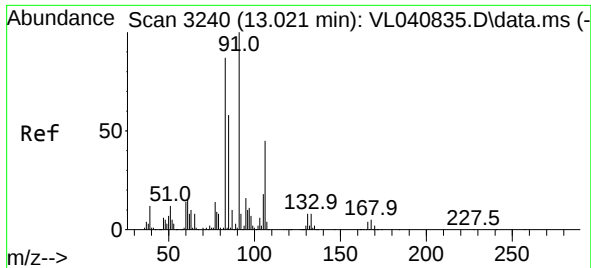
Delta R.T. -0.003 min

Lab File: VL040834.D

Acq: 13 Nov 2023 10:06

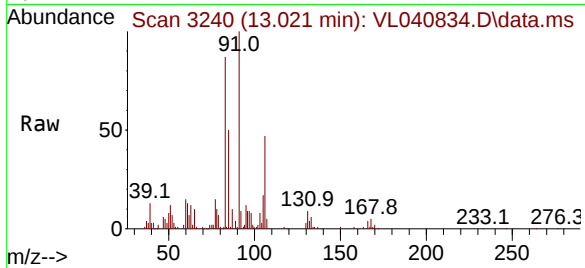
Tgt Ion:105 Resp: 217316
 Ion Ratio Lower Upper
 105 100
 120 25.6 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.573 ppbv m
RT: 13.021 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

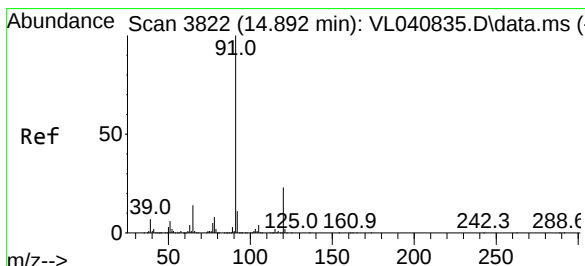
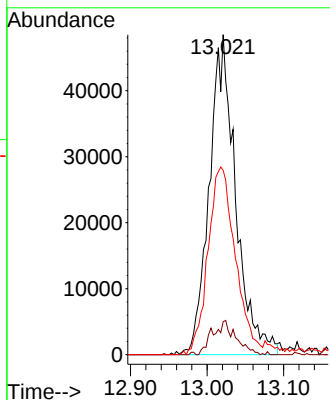
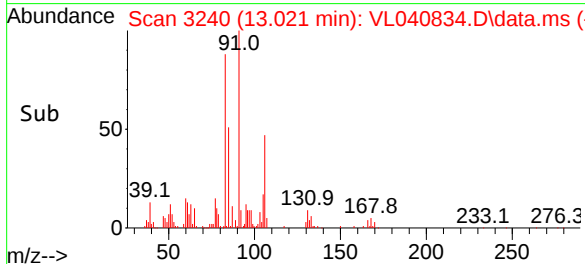
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



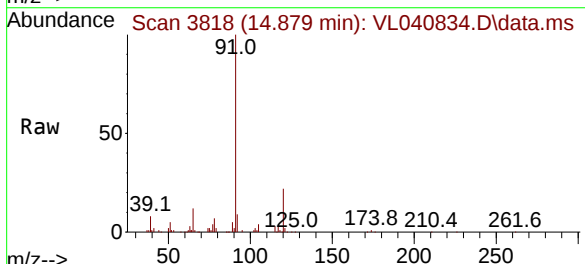
Tgt Ion: 83 Resp: 115992
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 62.7 32.6 98.0

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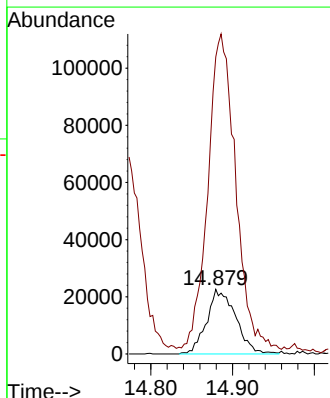
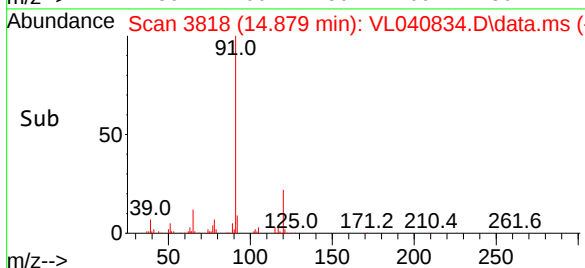
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

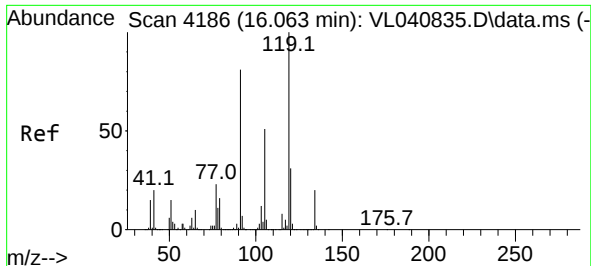


#64
n-propylbenzene
Concen: 0.507 ppbv m
RT: 14.879 min Scan# 3818
Delta R.T. -0.013 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



Tgt Ion:120 Resp: 55577
Ion Ratio Lower Upper
120 100
91 497.3 381.1 571.7





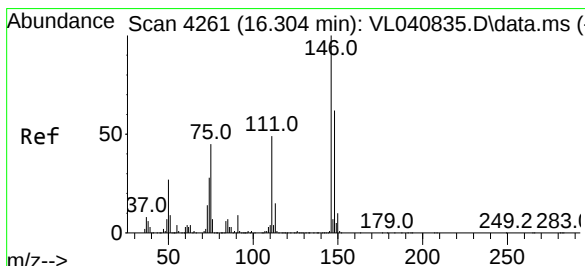
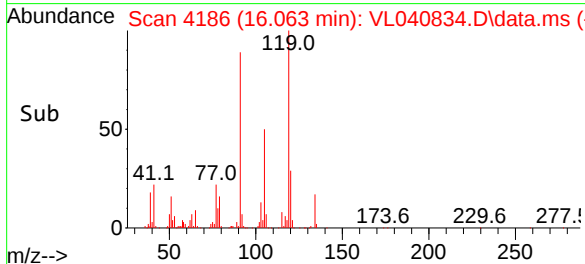
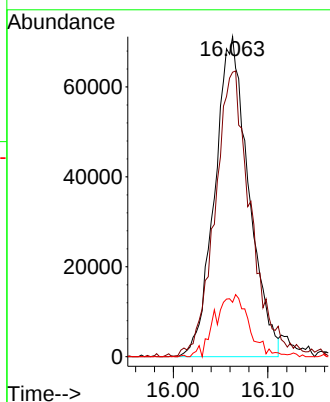
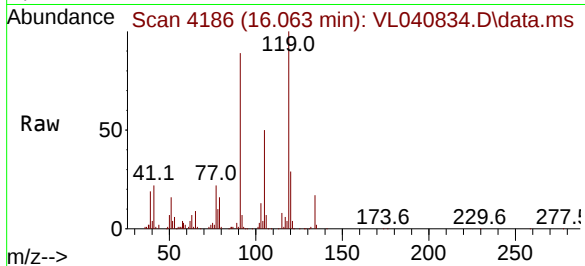
#65
tert-Butylbenzene
Concen: 0.479 ppbv
RT: 16.063 min Scan# 4186
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 177684
Ion Ratio Lower Upper
119 100
91 95.9 67.5 101.3
134 19.7 15.9 23.9

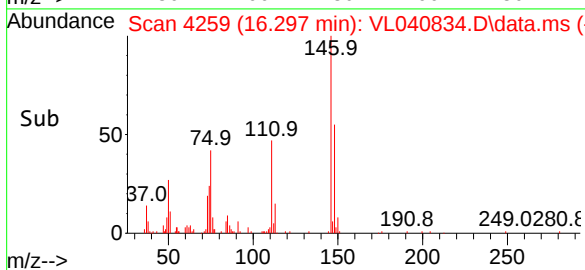
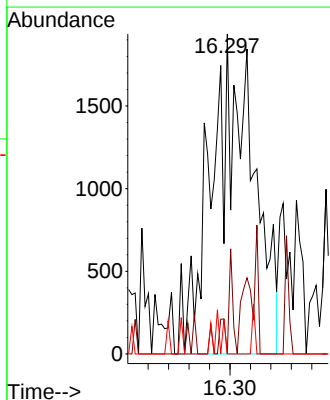
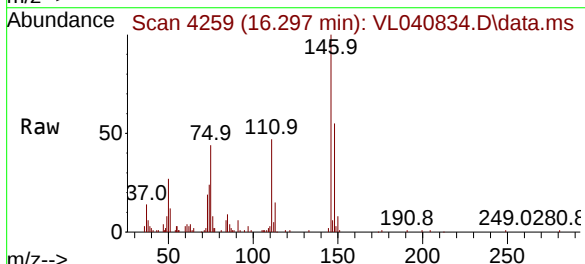
Manual Integrations
APPROVED

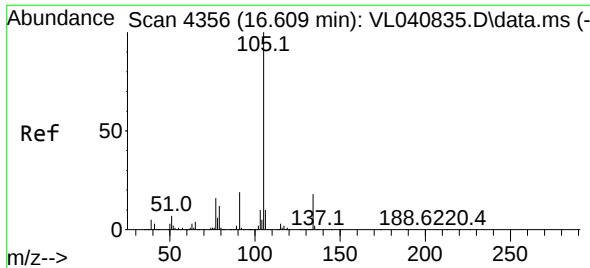
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#66
Benzyl Chloride
Concen: 0.175 ppbv m
RT: 16.297 min Scan# 4259
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

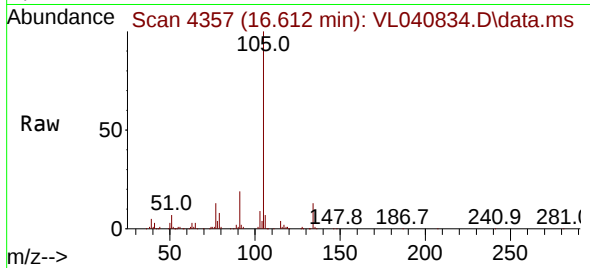
Tgt Ion: 91 Resp: 5466
Ion Ratio Lower Upper
91 100
126 3.5 12.8 19.2#
128 6.5 0.3 0.5#





#67
 sec-Butylbenzene
 Concen: 0.525 ppbv
 RT: 16.612 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040834.D
 Acq: 13 Nov 2023 10:06

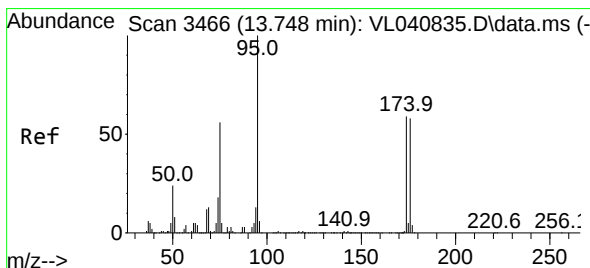
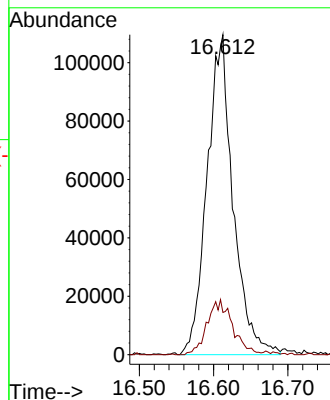
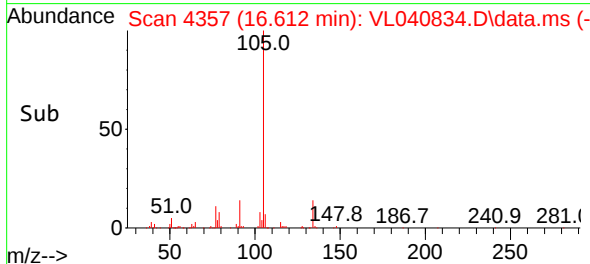
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



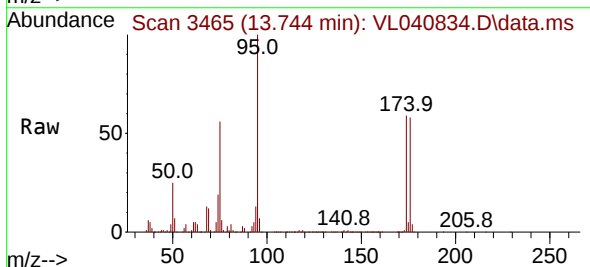
Tgt Ion: 105 Resp: 266918
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.3 21.5

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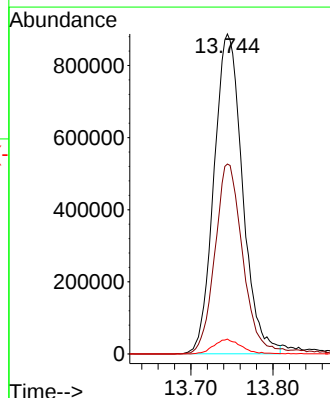
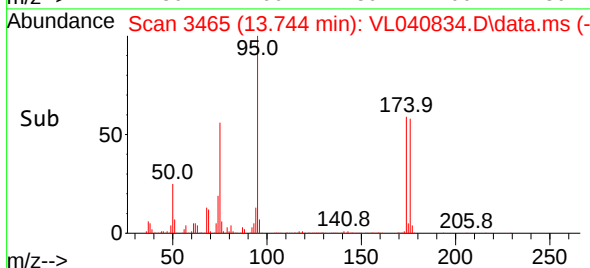
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

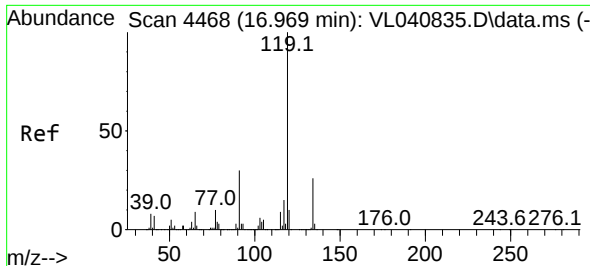


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.666 ppbv
 RT: 13.744 min Scan# 3465
 Delta R.T. -0.003 min
 Lab File: VL040834.D
 Acq: 13 Nov 2023 10:06



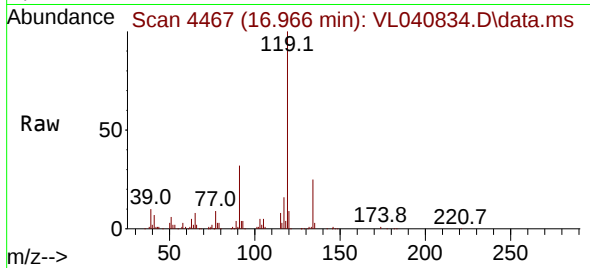
Tgt Ion: 95 Resp: 2147399
 Ion Ratio Lower Upper
 95 100
 174 59.0 47.9 71.9
 175 4.6 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.473 ppbv
RT: 16.966 min Scan# 4467
Delta R.T. -0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

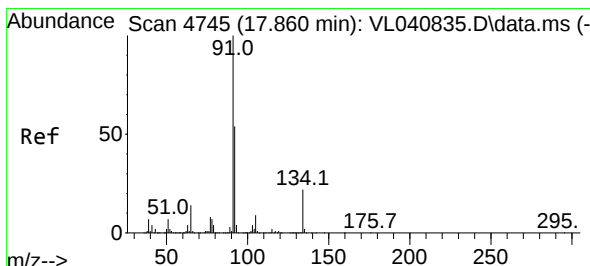
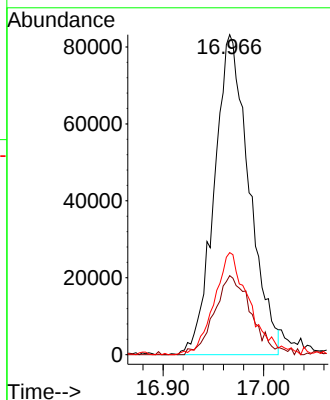
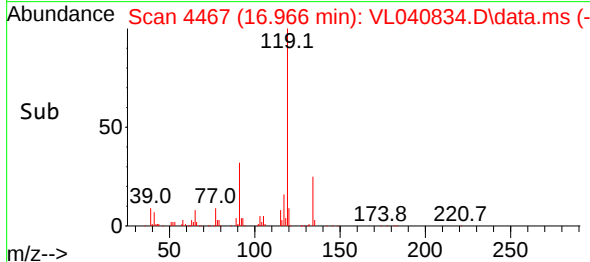
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



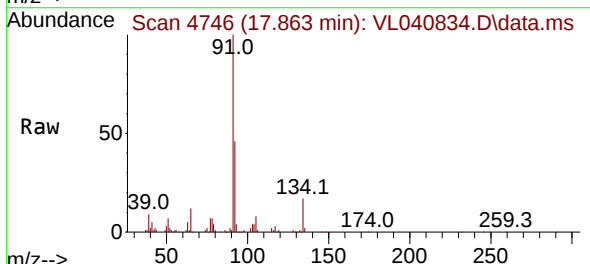
Tgt Ion:119 Resp: 20004
Ion Ratio Lower Upper
119 100
134 26.4 20.4 30.6
91 32.9 24.7 37.1

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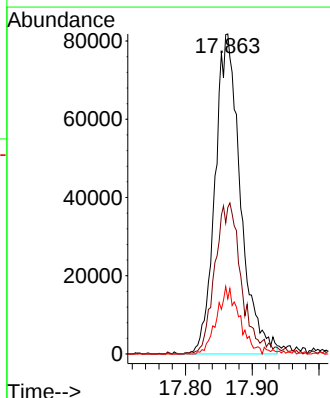
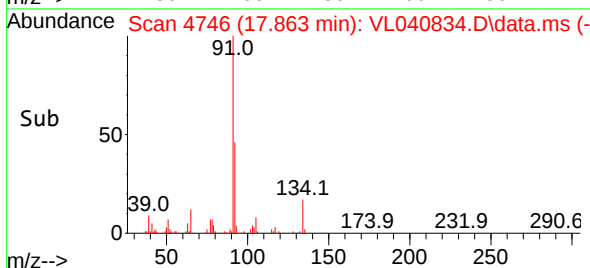
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

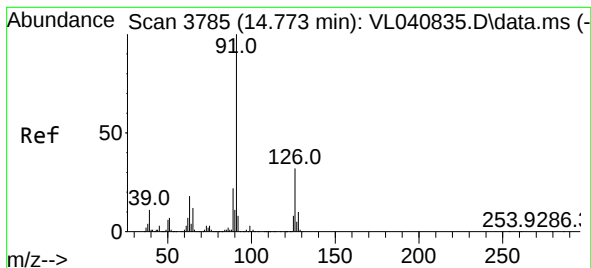


#70
n-Butylbenzene
Concen: 0.515 ppbv m
RT: 17.863 min Scan# 4746
Delta R.T. 0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



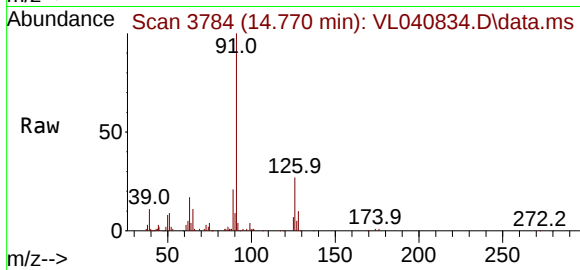
Tgt Ion: 91 Resp: 216088
Ion Ratio Lower Upper
91 100
92 0.0 43.4 65.2#
134 0.0 17.4 26.0#





#71
2-Chlorotoluene
Concen: 0.530 ppbv
RT: 14.770 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

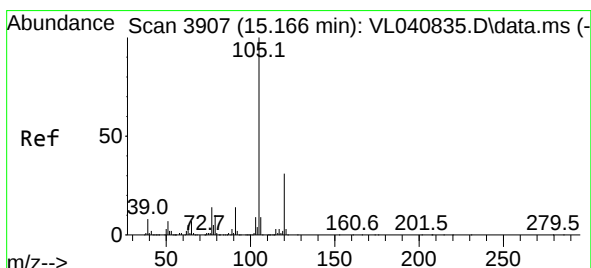
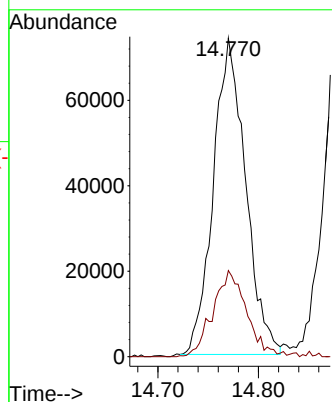
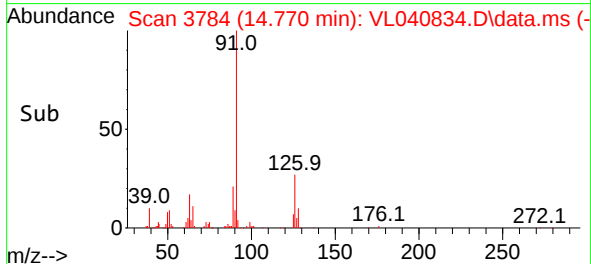
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 91 Resp: 16496
Ion Ratio Lower Upper
91 100
126 29.0 12.1 48.5

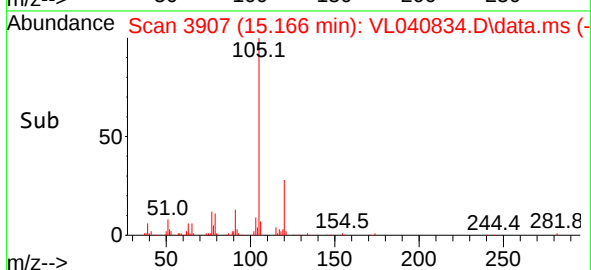
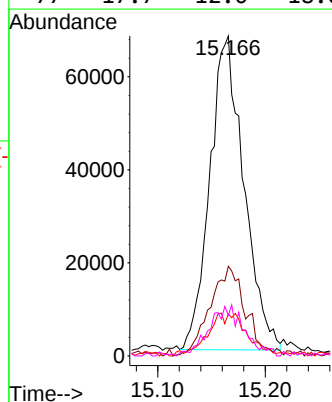
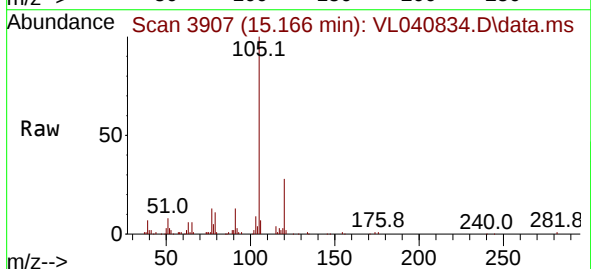
Manual Integrations
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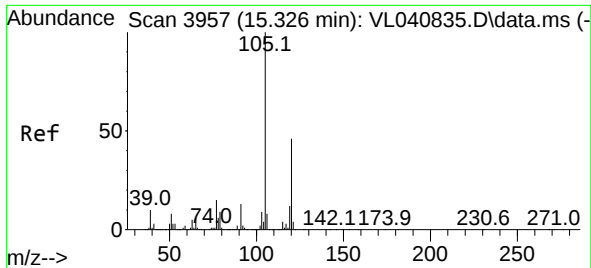
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#72
4-Ethyltoluene
Concen: 0.474 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

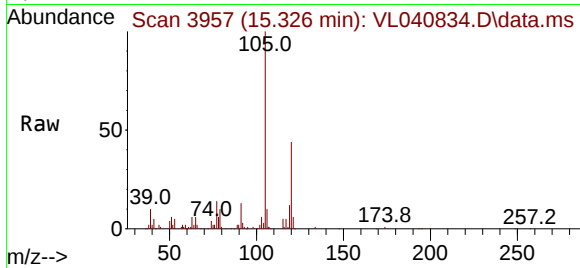
Tgt Ion:105 Resp: 148139
Ion Ratio Lower Upper
105 100
120 31.5 24.5 36.7
91 15.8 11.4 17.2
77 17.7 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 0.486 ppbv
RT: 15.326 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

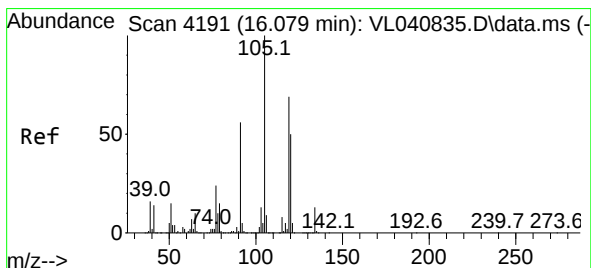
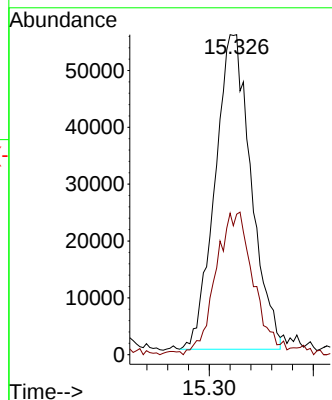
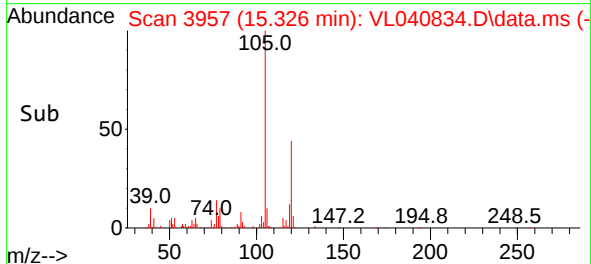
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



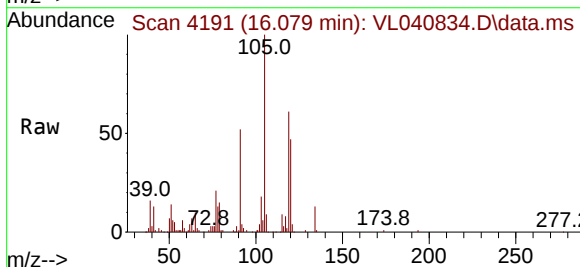
Tgt Ion:105 Resp: 133744
Ion Ratio Lower Upper
105 100
120 43.7 36.8 55.2

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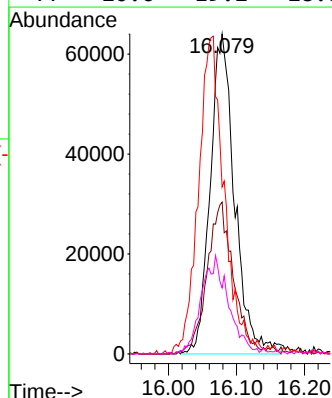
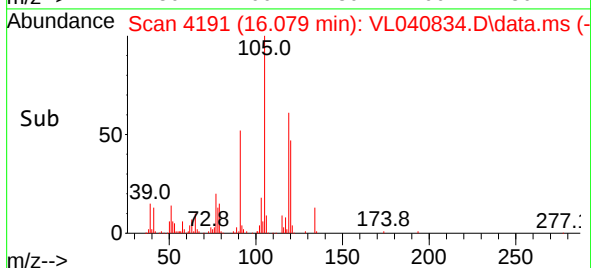
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

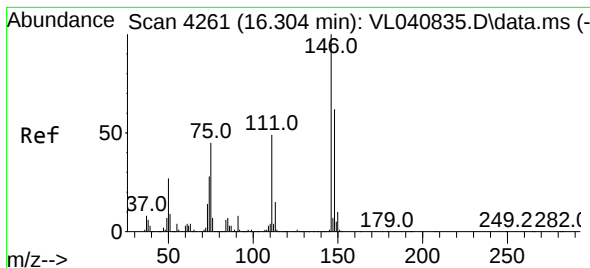


#74
1,2,4-Trimethylbenzene
Concen: 0.531 ppbv m
RT: 16.079 min Scan# 4191
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



Tgt Ion:105 Resp: 160507
Ion Ratio Lower Upper
105 100
120 47.5 40.2 60.2
91 52.1 45.7 68.5
77 20.6 19.2 28.8





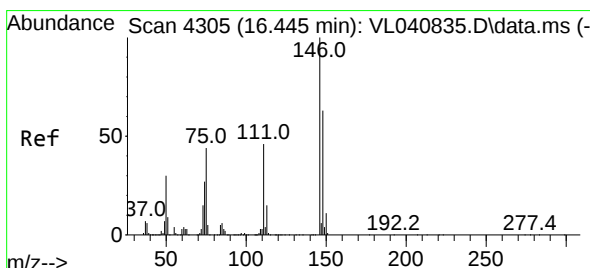
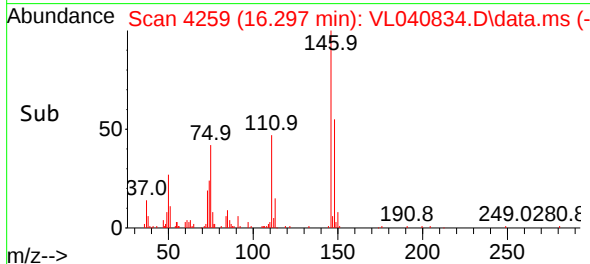
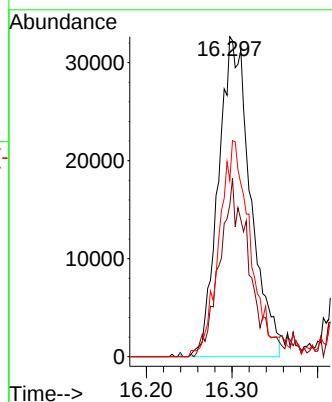
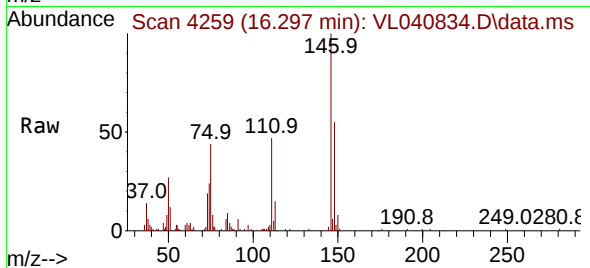
#75
1,3-Dichlorobenzene
Concen: 0.463 ppbv m
RT: 16.297 min Scan# 4259
Delta R.T. -0.006 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 85190
Ion Ratio Lower Upper
146 100
111 53.6 24.9 74.8
148 67.6 32.0 96.2

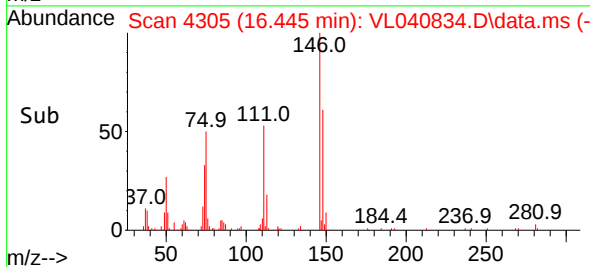
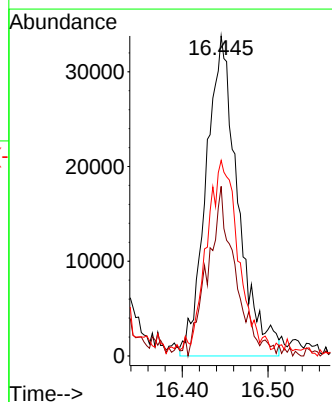
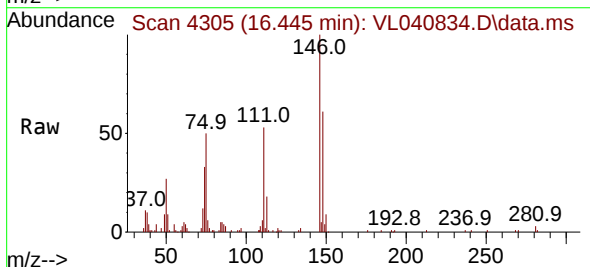
Manual Integrations
APPROVED

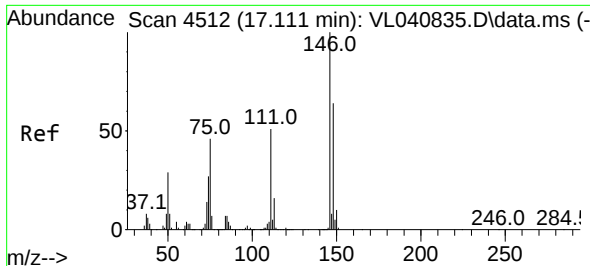
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#76
1,4-Dichlorobenzene
Concen: 0.480 ppbv m
RT: 16.445 min Scan# 4305
Delta R.T. -0.000 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Tgt Ion:146 Resp: 87430
Ion Ratio Lower Upper
146 100
111 46.8 24.4 73.2
148 65.7 32.4 97.0





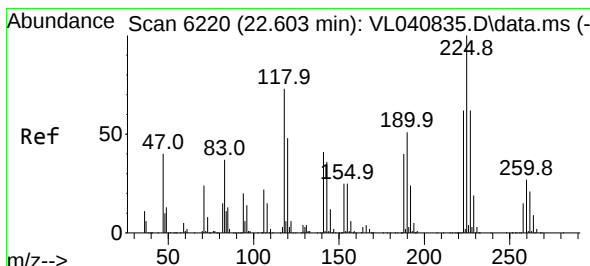
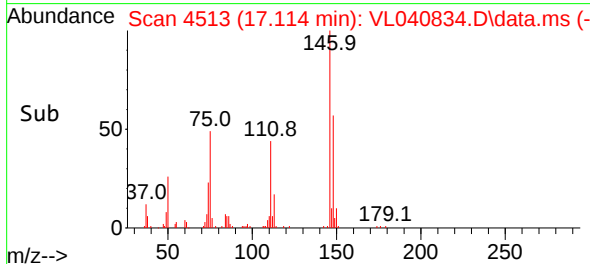
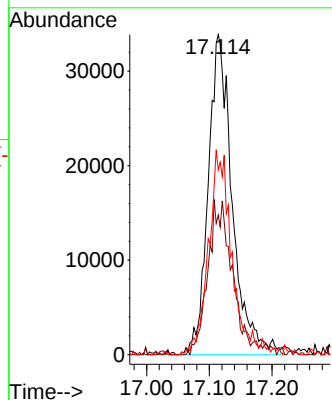
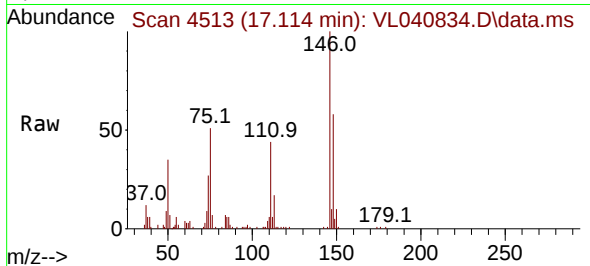
#77
1,2-Dichlorobenzene
Concen: 0.503 ppbv m
RT: 17.114 min Scan# 4512
Delta R.T. 0.003 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 90459
Ion Ratio Lower Upper
146 100
111 50.0 25.6 76.6
148 61.1 31.9 95.9

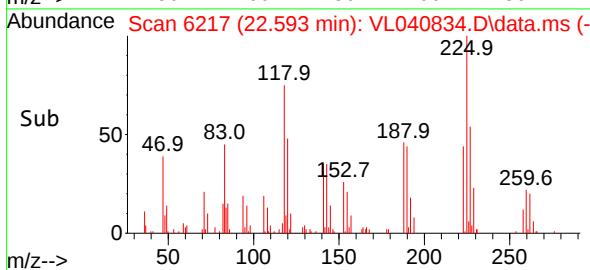
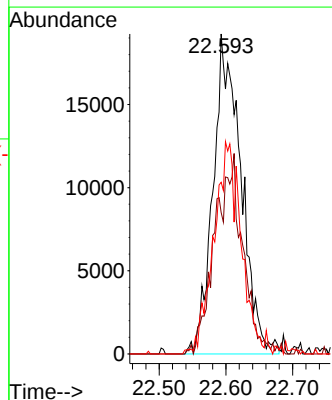
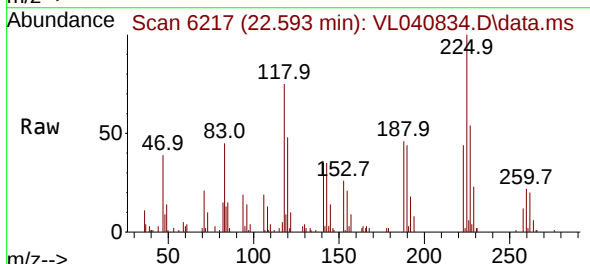
Manual Integrations
APPROVED

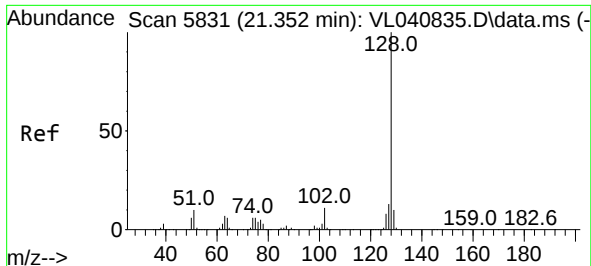
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.439 ppbv m
RT: 22.593 min Scan# 6217
Delta R.T. -0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

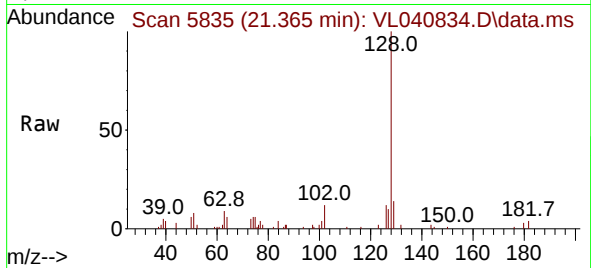
Tgt Ion:225 Resp: 55767
Ion Ratio Lower Upper
225 100
223 0.0 51.2 76.8#
227 0.0 51.0 76.4#





#79
Naphthalene
Concen: 0.255 ppbv m
RT: 21.365 min Scan# 5835
Delta R.T. 0.013 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06

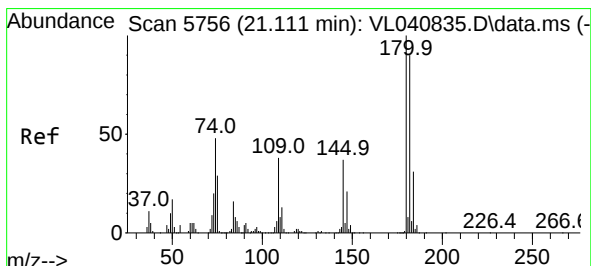
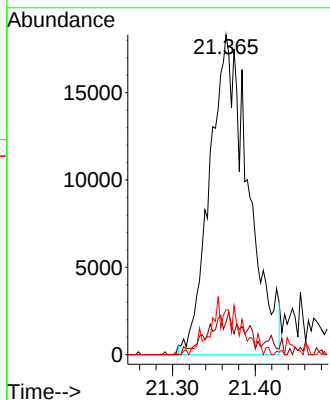
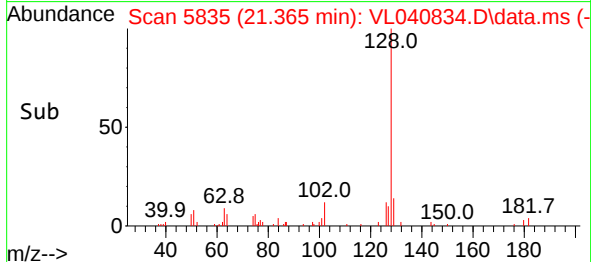
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



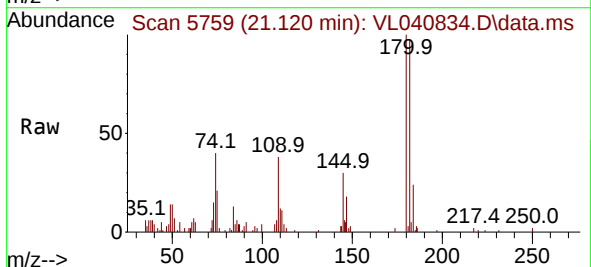
Tgt Ion:128 Resp: 5928
Ion Ratio Lower Upper
128 100
127 10.2 10.0 15.0
129 14.1 8.3 12.5

Manual Integrations
APPROVED

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



#81
1,2,4-Trichlorobenzene
Concen: 0.352 ppbv m
RT: 21.120 min Scan# 5759
Delta R.T. 0.010 min
Lab File: VL040834.D
Acq: 13 Nov 2023 10:06



Tgt Ion:180 Resp: 44397
Ion Ratio Lower Upper
180 100
182 0.0 78.1 117.1#
184 0.0 24.2 36.2#

