

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040886.D
 Acq On : 16 Nov 2023 8:12
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/20/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 16 08:45:03 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 15:42:46 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	972811	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.655	114	2350988	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.449	117	2377968m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.757 95 1833309 9.847 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.774	85	1902116	9.645	ppbv	100
3) Chlorodifluoromethane	2.719	51	1542075	9.928	ppbv	99
4) Chloromethane	2.854	50	561561	10.054	ppbv	99
5) Vinyl Chloride	2.960	62	585814m	10.546	ppbv	
6) Bromomethane	3.156	94	221801	10.460	ppbv	94
7) Chloroethane	3.230	64	195051	10.141	ppbv #	88
8) Dichlorotetrafluoroethane	2.899	85	1433387	10.066	ppbv	98
9) Propene	2.738	41	511907	9.780	ppbv	99
10) Heptane	7.574	43	1267800	9.845	ppbv	99
11) Trichlorofluoromethane	3.591	101	1555499	10.265	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.089	101	1088123	10.108	ppbv	98
13) Ethanol	3.275	45	83632	8.228	ppbv #	100
14) Bromoethene	3.398	108	439693	10.155	ppbv	97
15) Acetone	3.497	43	1048089	10.116	ppbv	97
16) 1,3-Butadiene	3.021	39	562393	10.729	ppbv	99
17) tert-Butyl alcohol	3.902	59	864892	9.762	ppbv	98
18) 1,1-Dichloroethene	3.906	96	473770	9.874	ppbv	95
19) Isopropyl Alcohol	3.603	45	625990	10.040	ppbv	100
20) Methylene Chloride	3.957	84	389925	9.119	ppbv	97
21) Allyl Chloride	4.018	41	698309	10.532	ppbv	99
22) trans-1,2-Dichloroethene	4.465	96	501498	9.210	ppbv	98
23) Vinyl Acetate	4.642	43	1213910	9.073	ppbv	99
24) 1,1-Dichloroethane	4.581	63	1048777	8.795	ppbv	99
25) Ethyl Acetate	5.211	43	2147475	10.010	ppbv	100
26) Hexane	5.224	57	926930	9.763	ppbv	98
27) Carbon Disulfide	4.147	76	1240861	10.306	ppbv	99
28) Methyl tert-Butyl Ether	4.603	73	744221	8.667	ppbv	99
29) Chloroform	5.285	83	1566510	9.735	ppbv	98
30) Cyclohexane	6.600	84	763570	9.348	ppbv	96
31) cis-1,2-Dichloroethene	5.089	61	954638	10.161	ppbv	99
32) 1,1,1-Trichloroethane	6.008	97	1572116	10.471	ppbv	100
34) 2-Butanone	4.799	43	1257299	10.498	ppbv	99
35) Carbon Tetrachloride	6.494	117	1668408	11.567	ppbv	99
36) Benzene	6.372	78	1953038	10.236	ppbv	98
37) 1,2-Dichloroethane	5.812	62	1237897	11.000	ppbv	99
38) Trichloroethene	7.288	130	730592	9.851	ppbv	96
39) 1,2-Dichloropropane	7.069	63	776052	10.258	ppbv	95
40) 1,4-Dioxane	7.282	88	288876	9.623	ppbv #	100
41) Tetrahydrofuran	5.565	42	809013	10.971	ppbv	98
42) Bromodichloromethane	7.246	83	1770761	10.995	ppbv	97
43) Methyl Methacrylate	7.471	69	797976	10.975	ppbv	97
44) 2,2,4-Trimethylpentane	7.323	57	3263351	10.296	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	517588	12.114	ppbv	99

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Quant Time: Nov 16 08:45:03 2023

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

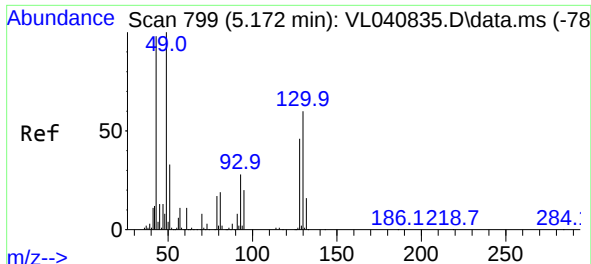
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Nov 13 15:42:46 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	647202	11.682	ppbv	97
47) 1,1,2-Trichloroethane	8.889	97	811512	10.237	ppbv	99
48) Dibromochloromethane	9.700	129	1463004	11.122	ppbv	100
49) Bromoform	12.391	173	1160550	11.730	ppbv	100
50) 4-Methyl-2-Pentanone	8.176	43	2088024	11.265	ppbv	98
51) 2-Hexanone	9.539	43	1533248	11.735	ppbv #	97
52) Tetrachloroethene	10.603	164	645387	10.044	ppbv	94
53) Toluene	9.211	91	2216589	10.557	ppbv	98
54) 1,2-Dibromoethane	9.995	107	1117552	10.954	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	1037618	10.195	ppbv	98
57) Chlorobenzene	11.510	112	1690961	9.594	ppbv	99
58) Ethyl Benzene	12.076	91	3037024	9.788	ppbv	98
59) m/p-Xylene	12.355	91	5198027m	19.674	ppbv	
60) o-Xylene	13.044	91	2462094	9.789	ppbv	97
61) Styrene	12.883	104	1249894	10.304	ppbv	99
62) Isopropylbenzene	14.011	105	3569082	9.605	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.031	83	1775897	9.962	ppbv	99
64) n-propylbenzene	14.899	120	901005	9.674	ppbv	92
65) tert-Butylbenzene	16.072	119	3079418	9.828	ppbv	98
66) Benzyl Chloride	16.310	91	125047	10.831	ppbv #	100
67) sec-Butylbenzene	16.616	105	4352593	9.725	ppbv	99
69) p-Isopropyltoluene	16.976	119	3487459	9.771	ppbv	99
70) n-Butylbenzene	17.866	91	3756887	9.968	ppbv	99
71) 2-Chlorotoluene	14.783	91	2788265	9.843	ppbv	100
72) 4-Ethyltoluene	15.175	105	2803688	10.140	ppbv	98
73) 1,3,5-Trimethylbenzene	15.333	105	2392321	9.783	ppbv	98
74) 1,2,4-Trimethylbenzene	16.088	105	2653797	9.725	ppbv	98
75) 1,3-Dichlorobenzene	16.313	146	1487217	9.870	ppbv	100
76) 1,4-Dichlorobenzene	16.455	146	1445609	10.021	ppbv	100
77) 1,2-Dichlorobenzene	17.127	146	1397293	9.537	ppbv	99
78) Hexachloro-1,3-Butadiene	22.612	225	788456	8.595	ppbv	98
79) Naphthalene	21.365	128	1771015	12.627	ppbv	99
80) Naphthalene,2-methyl-	24.361	142	357790	14.451	ppbv	94
81) 1,2,4-Trichlorobenzene	21.120	180	897421	10.525	ppbv	99

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



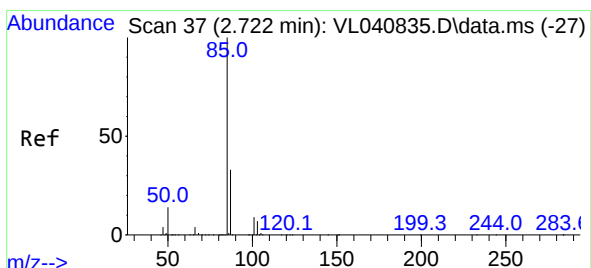
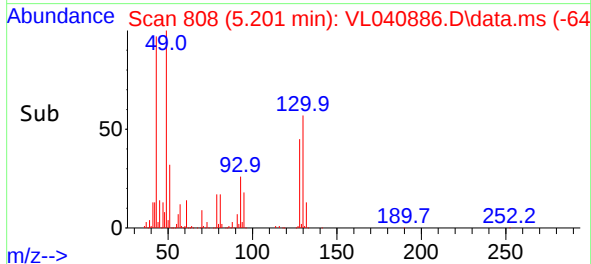
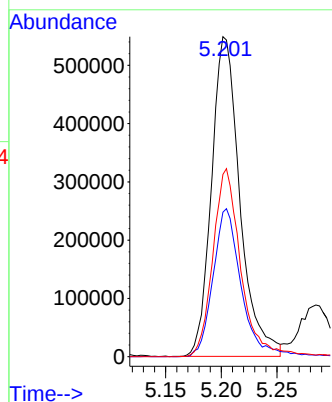
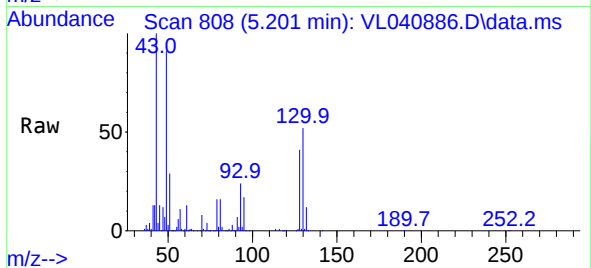
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.029 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 97281
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.2
130 58.6 30.9 92.8

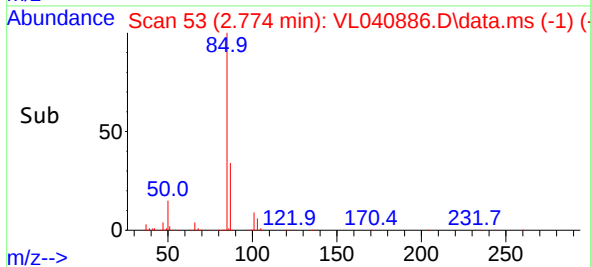
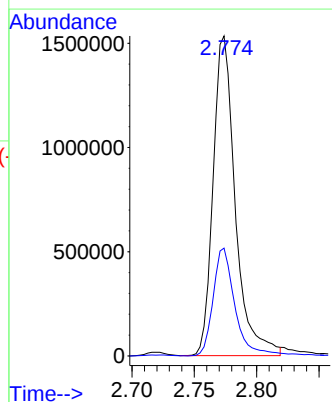
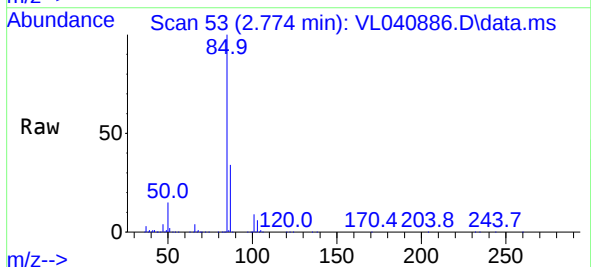
Manual Integrations
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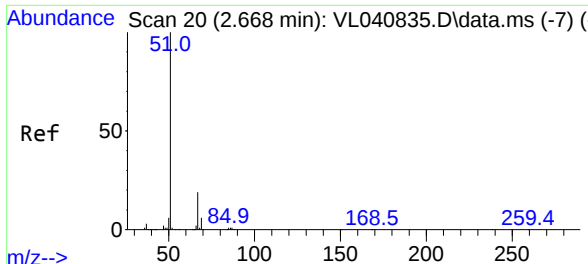
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#2
Dichlorodifluoromethane
Concen: 9.645 ppbv
RT: 2.774 min Scan# 53
Delta R.T. 0.051 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Tgt Ion: 85 Resp: 1902116
Ion Ratio Lower Upper
85 100
87 33.7 26.7 40.1





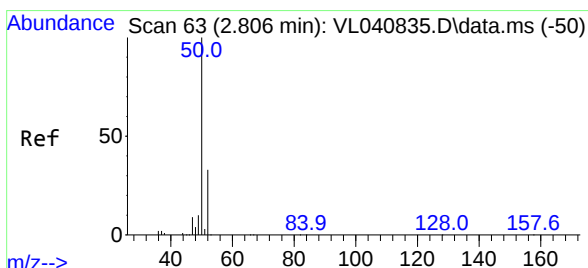
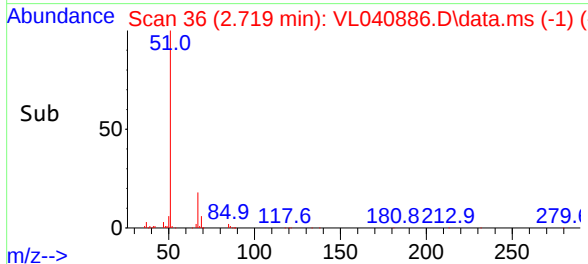
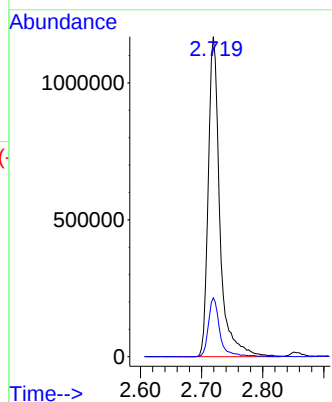
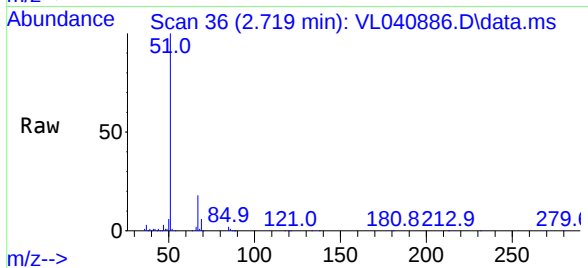
#3
Chlorodifluoromethane
Concen: 9.928 ppbv
RT: 2.719 min Scan# 30
Delta R.T. 0.051 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1542079
Ion Ratio Lower Upper
51 100
67 18.3 15.0 22.4

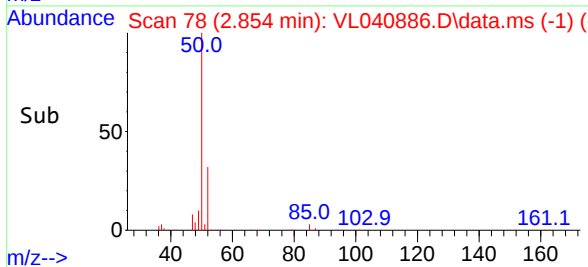
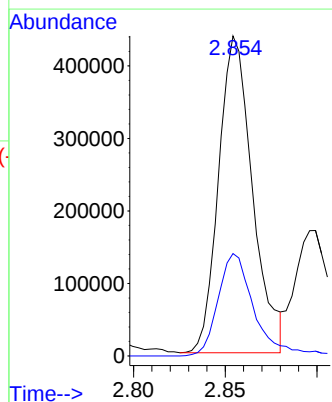
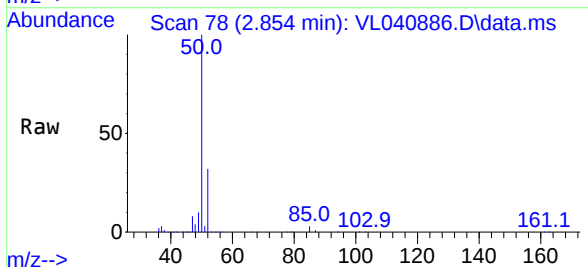
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Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

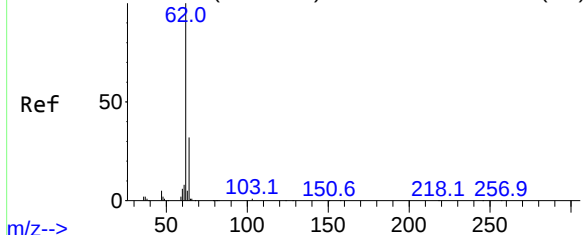


#4
Chloromethane
Concen: 10.054 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.048 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Tgt Ion: 50 Resp: 561561
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

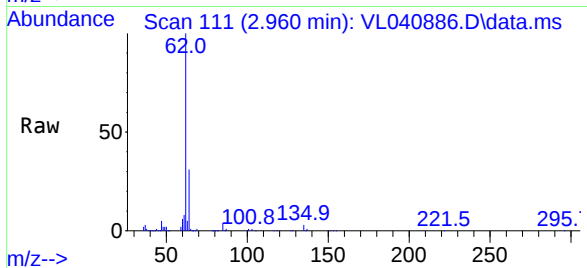


Abundance Scan 96 (2.912 min): VL040835.D\data.ms (-86)



#5
Vinyl Chloride
Concen: 10.546 ppbv m
RT: 2.960 min Scan# 111
Delta R.T. 0.048 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

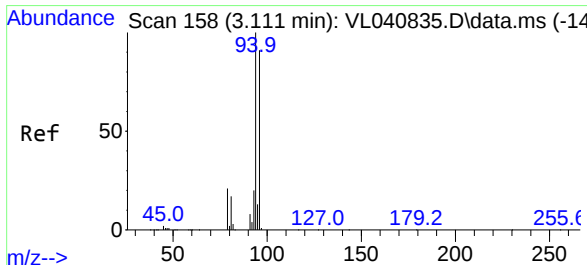
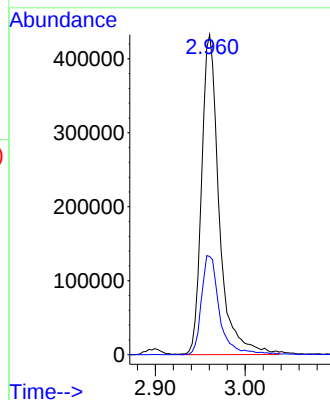
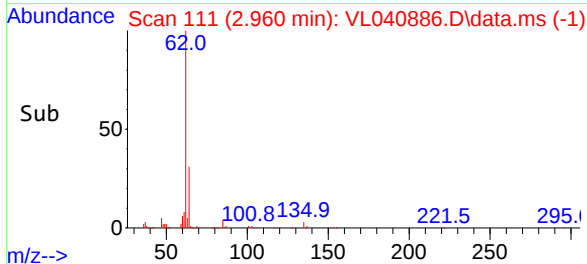
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 585814
Ion Ratio Lower Upper
62 100
64 30.7 25.4 38.2

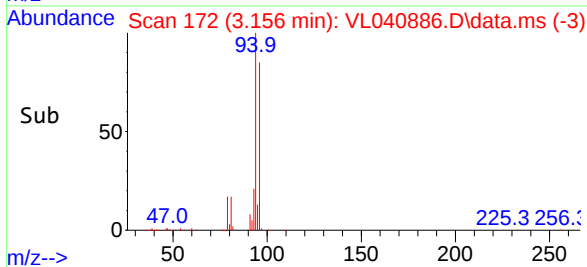
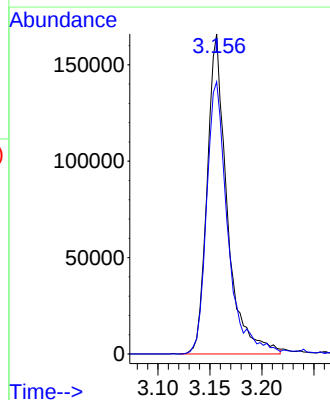
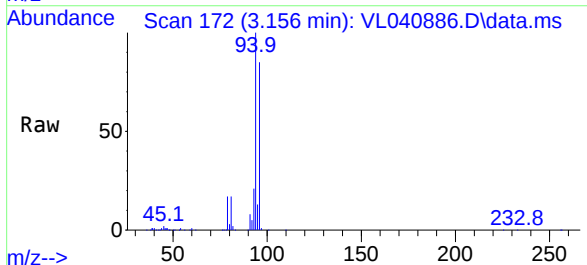
Manual Integrations
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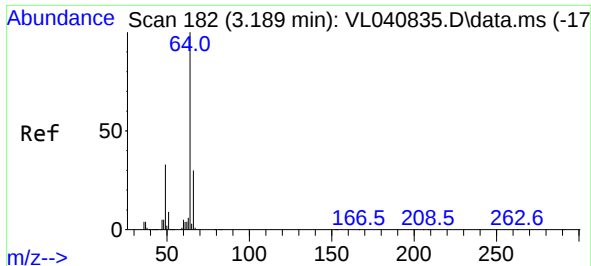
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#6
Bromomethane
Concen: 10.460 ppbv
RT: 3.156 min Scan# 172
Delta R.T. 0.045 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

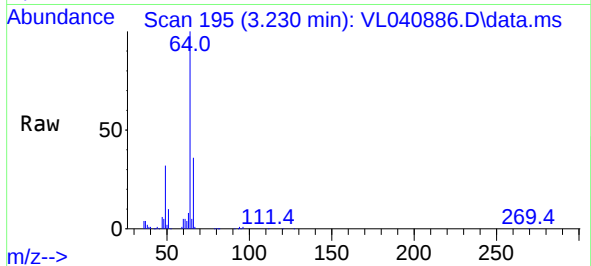
Tgt Ion: 94 Resp: 221801
Ion Ratio Lower Upper
94 100
96 85.0 73.0 109.4





#7
Chloroethane
Concen: 10.141 ppbv
RT: 3.230 min Scan# 195
Delta R.T. 0.042 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

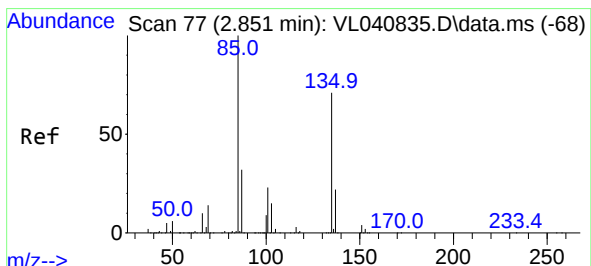
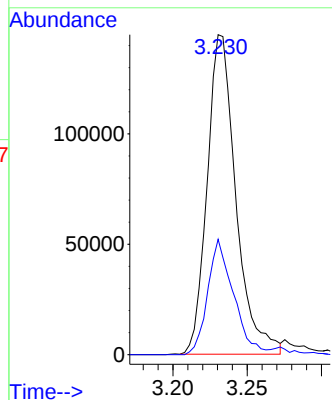
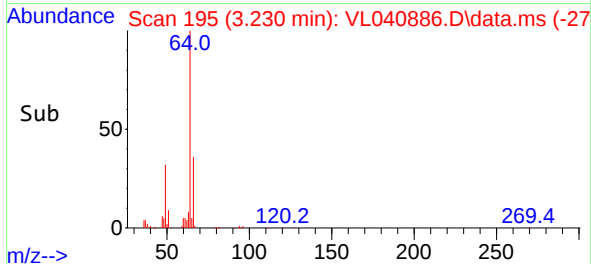
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



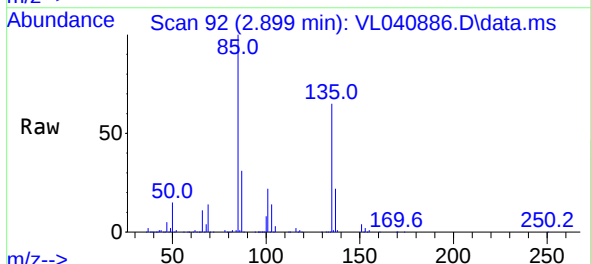
Tgt Ion: 64 Resp: 19505
Ion Ratio Lower Upper
64 100
66 36.0 23.8 35.6

Manual Integrations
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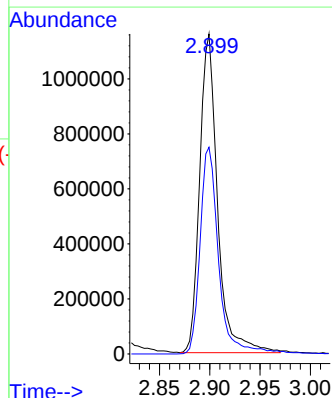
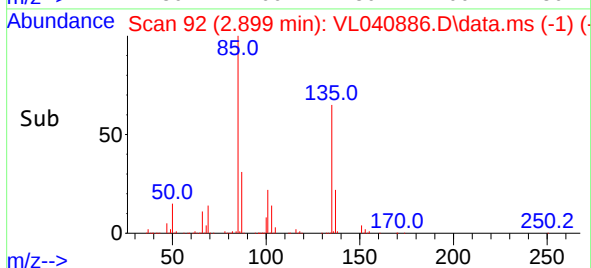
Reviewed By :Semsettin Yesilyurt 11/20/2023
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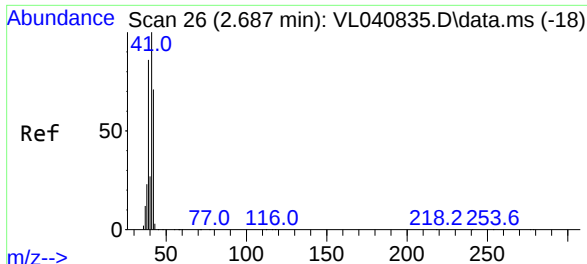


#8
Dichlorotetrafluoroethane
Concen: 10.066 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.048 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion: 85 Resp: 1433387
Ion Ratio Lower Upper
85 100
135 67.6 55.3 82.9





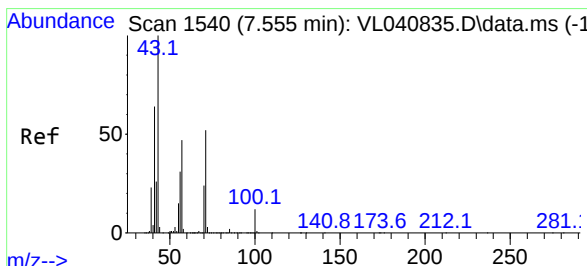
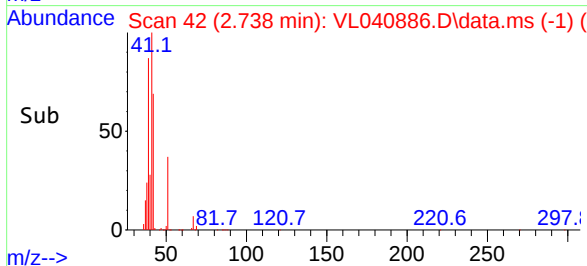
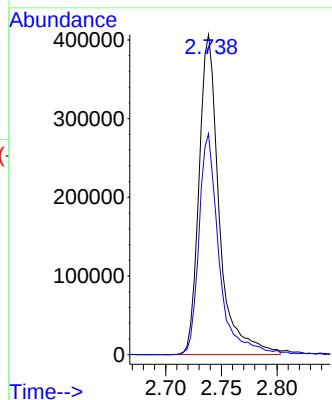
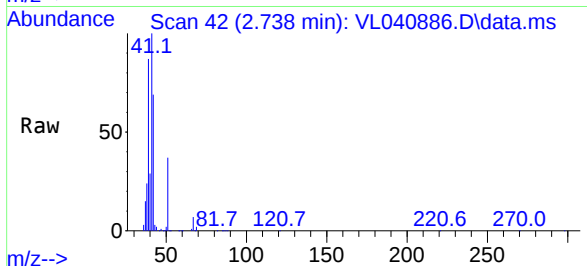
#9
 Propene
 Concen: 9.780 ppbv
 RT: 2.738 min Scan# 41
 Delta R.T. 0.051 min
 Lab File: VL040886.D
 Acq: 16 Nov 2023 8:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 51190
 Ion Ratio Lower Upper
 41 100
 42 69.6 56.5 84.7

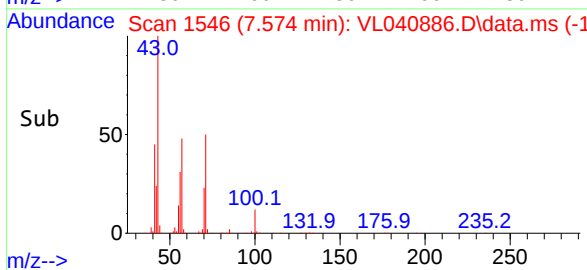
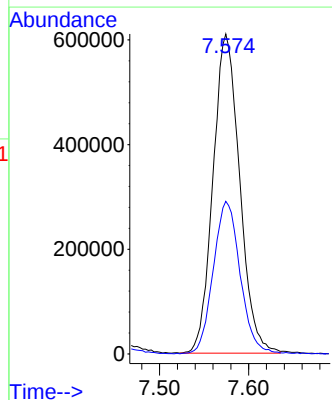
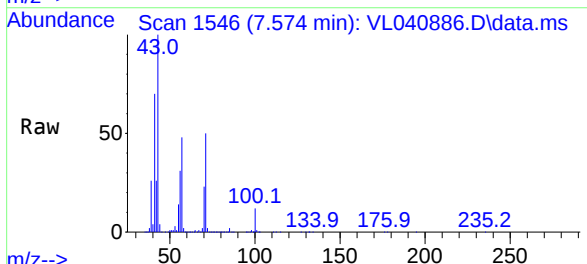
Manual Integrations
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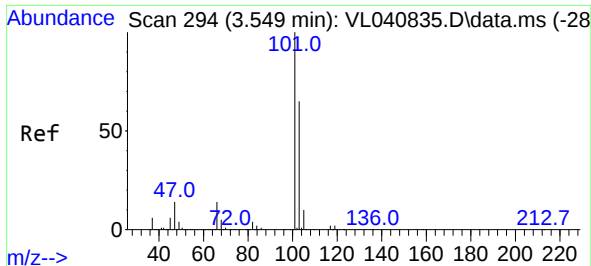
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#10
 Heptane
 Concen: 9.845 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.019 min
 Lab File: VL040886.D
 Acq: 16 Nov 2023 8:12

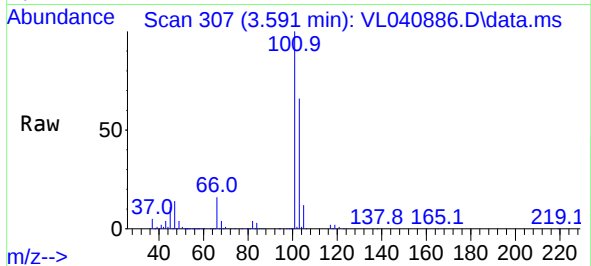
Tgt Ion: 43 Resp: 1267800
 Ion Ratio Lower Upper
 43 100
 57 48.2 39.4 59.0





#11
Trichlorofluoromethane
Concen: 10.265 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.042 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

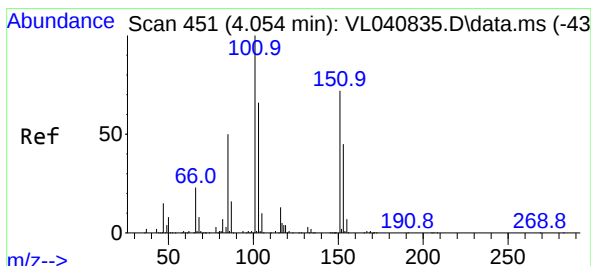
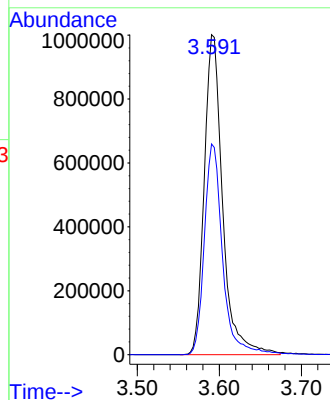
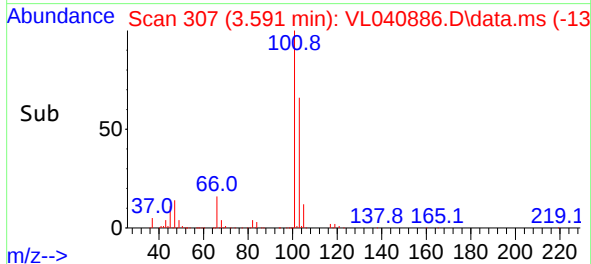
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



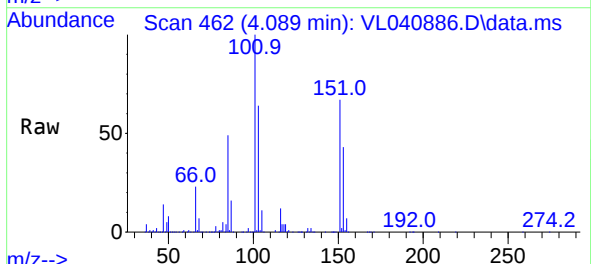
Tgt Ion:101 Resp: 1555499
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8

Manual Integrations
APPROVED

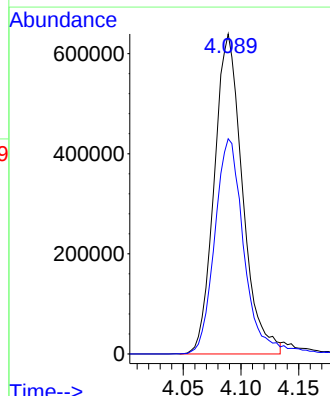
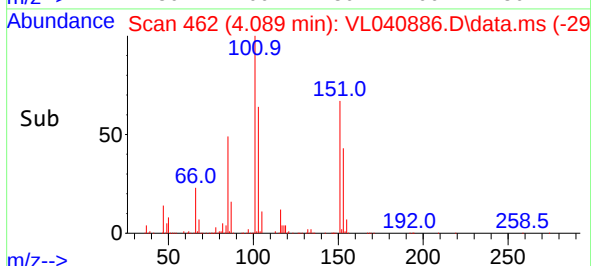
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

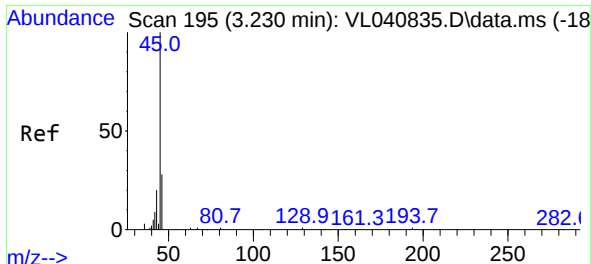


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.108 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.035 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



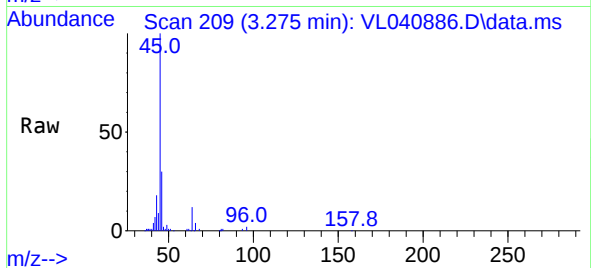
Tgt Ion:101 Resp: 1088123
Ion Ratio Lower Upper
101 100
151 70.4 57.8 86.6





#13
Ethanol
Concen: 8.228 ppbv
RT: 3.275 min Scan# 209
Delta R.T. 0.045 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

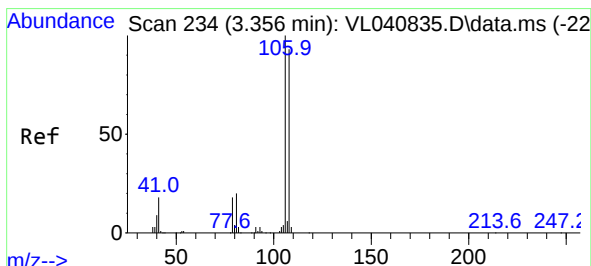
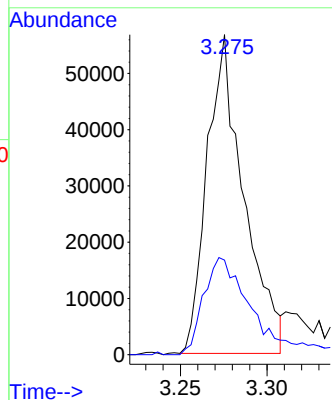
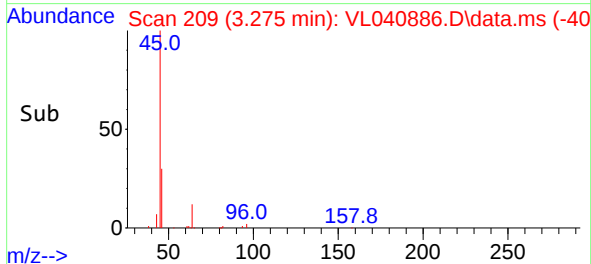
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



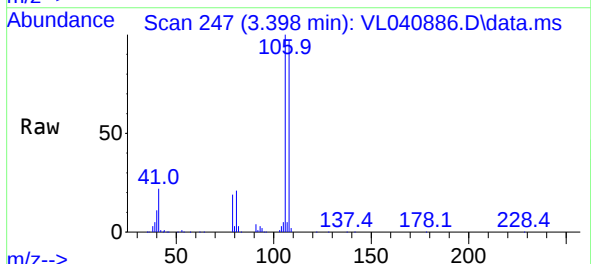
Tgt Ion: 45 Resp: 83632
Ion Ratio Lower Upper
45 100
46 42.8 0.0 0.0

Manual Integrations
APPROVED

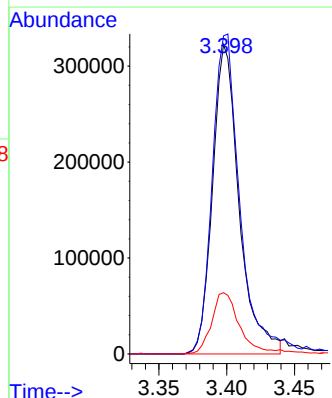
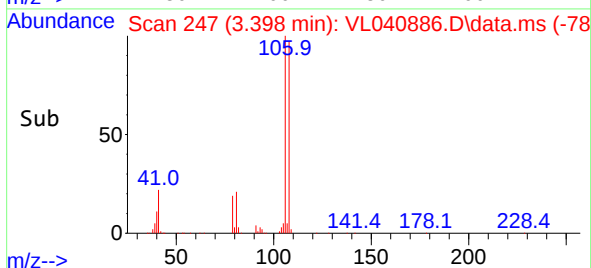
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

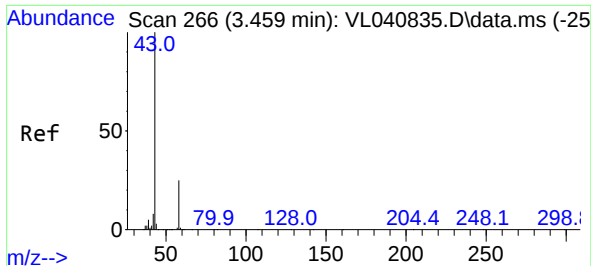


#14
Bromoethene
Concen: 10.155 ppbv
RT: 3.398 min Scan# 247
Delta R.T. 0.042 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



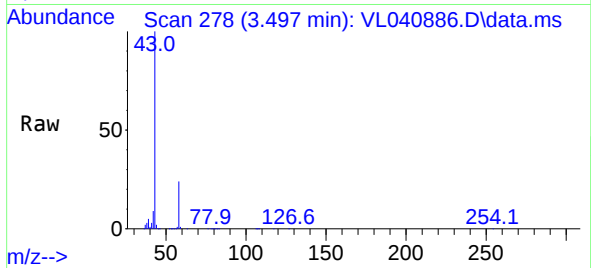
Tgt Ion:108 Resp: 439693
Ion Ratio Lower Upper
108 100
106 110.5 85.4 128.2
79 22.0 16.7 25.1





#15
Acetone
Concen: 10.116 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.039 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

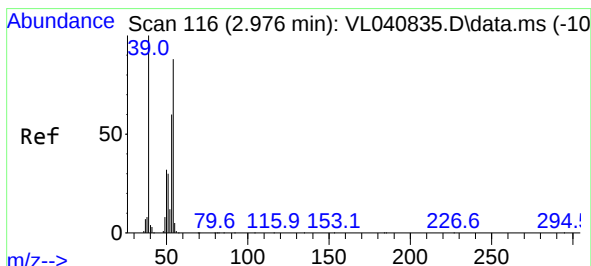
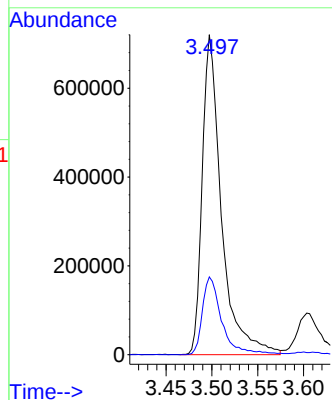
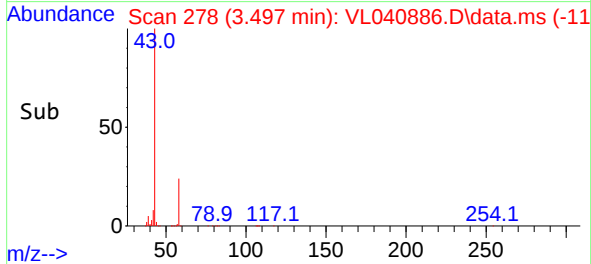
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



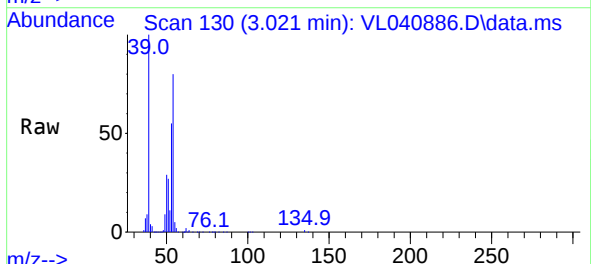
Tgt Ion: 43 Resp: 1048089
Ion Ratio Lower Upper
43 100
58 24.7 20.9 31.3

Manual Integrations
APPROVED

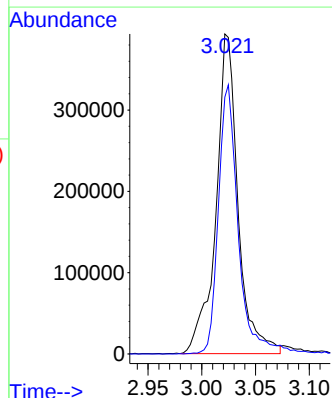
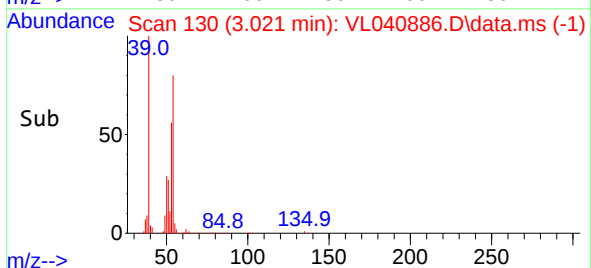
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

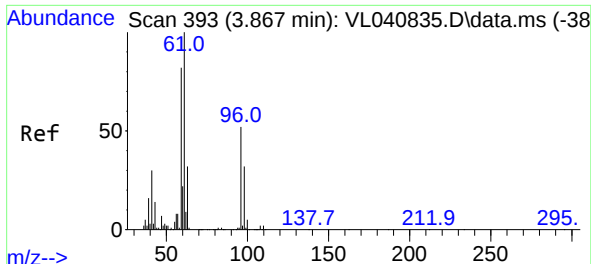


#16
1,3-Butadiene
Concen: 10.729 ppbv
RT: 3.021 min Scan# 130
Delta R.T. 0.045 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



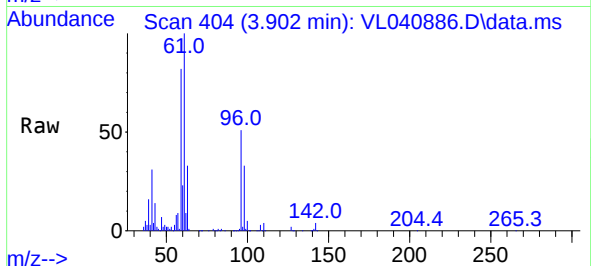
Tgt Ion: 39 Resp: 562393
Ion Ratio Lower Upper
39 100
54 76.7 61.8 92.6





#17
tert-Butyl alcohol
Concen: 9.762 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.035 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

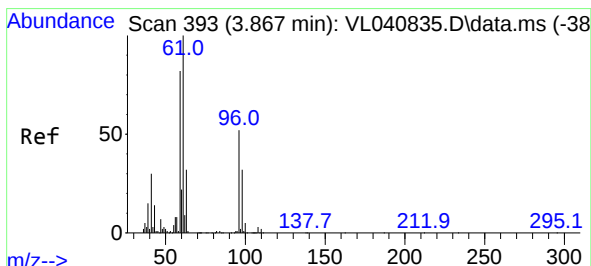
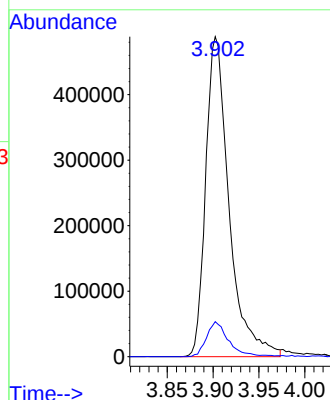
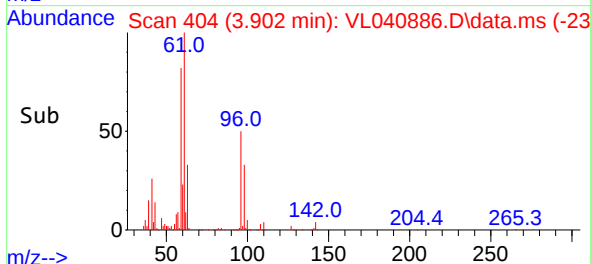
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



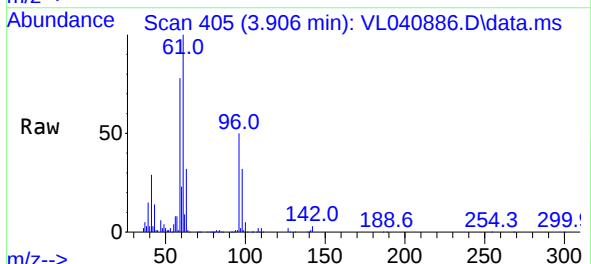
Tgt Ion: 59 Resp: 864892
Ion Ratio Lower Upper
59 100
57 10.6 9.0 13.4

Manual Integrations
APPROVED

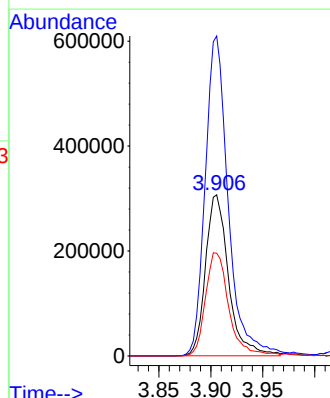
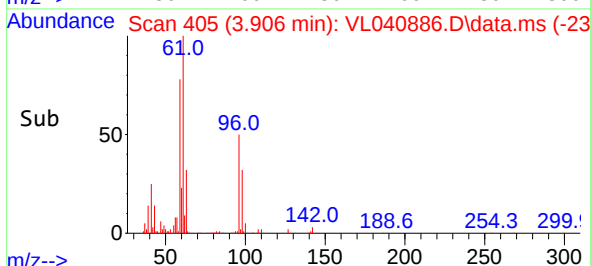
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

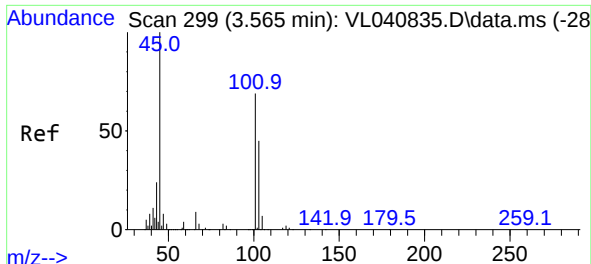


#18
1,1-Dichloroethene
Concen: 9.874 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.039 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



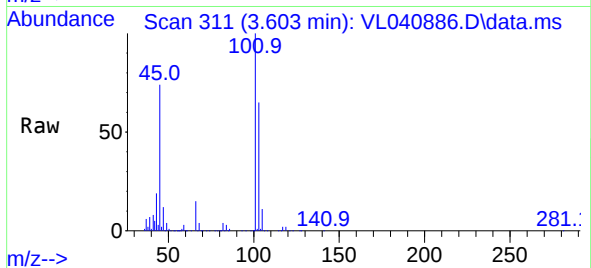
Tgt Ion: 96 Resp: 473770
Ion Ratio Lower Upper
96 100
61 198.5 152.6 228.8
98 63.8 49.2 73.8





#19
Isopropyl Alcohol
Concen: 10.040 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.039 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

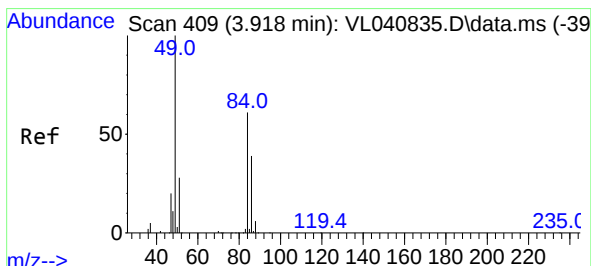
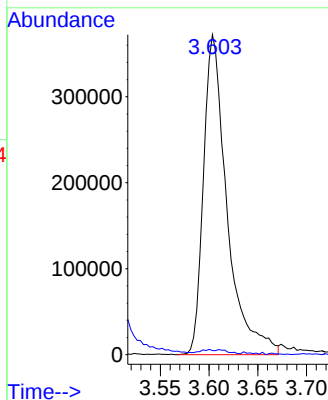
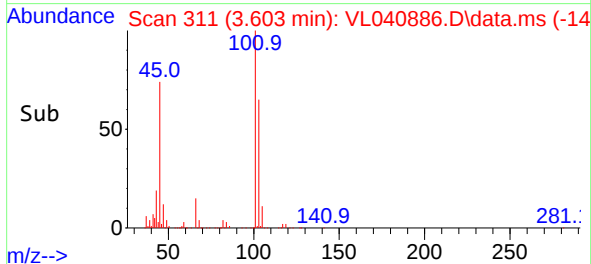
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



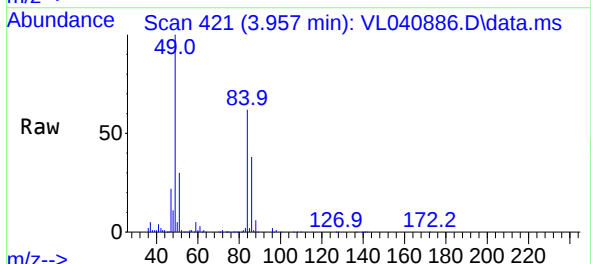
Tgt Ion: 45 Resp: 625990
Ion Ratio Lower Upper
45 100
58 2.0 1.6 2.4

Manual Integrations
APPROVED

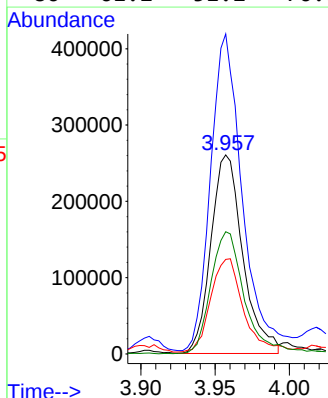
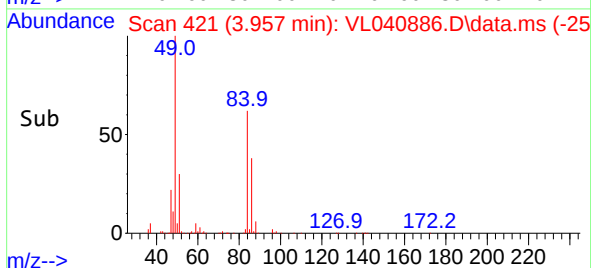
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

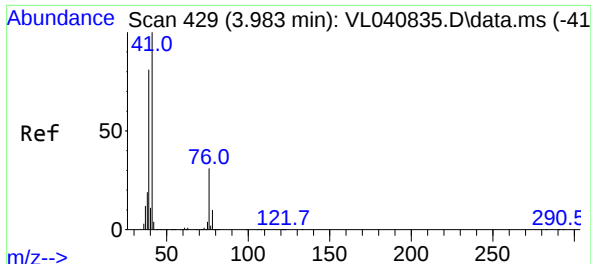


#20
Methylene Chloride
Concen: 9.119 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.039 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion: 84 Resp: 389925
Ion Ratio Lower Upper
84 100
49 159.4 131.0 196.4
51 46.6 36.9 55.3
86 61.2 51.2 76.8





#21

Allyl Chloride

Concen: 10.532 ppbv

RT: 4.018 min Scan# 440

Delta R.T. 0.035 min

Lab File: VL040886.D

Acq: 16 Nov 2023 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 698309

Ion Ratio Lower Upper

41 100

76 29.5 24.4 36.6

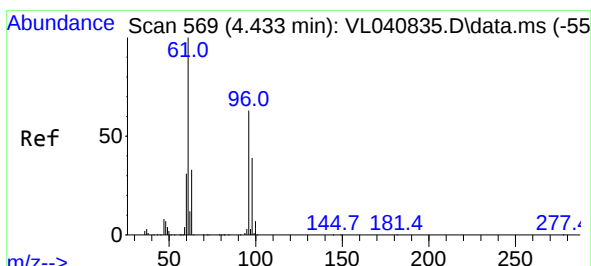
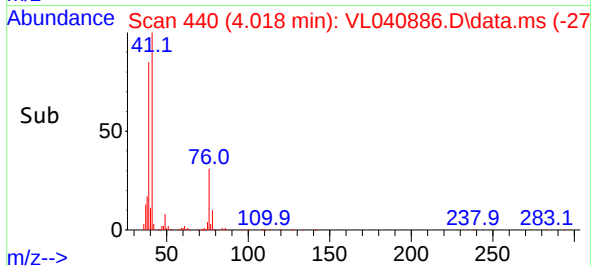
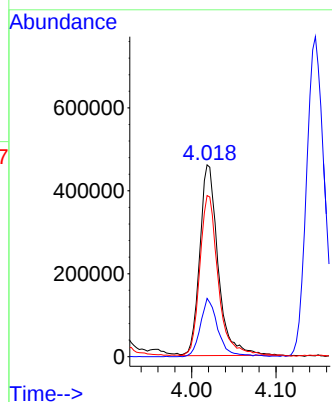
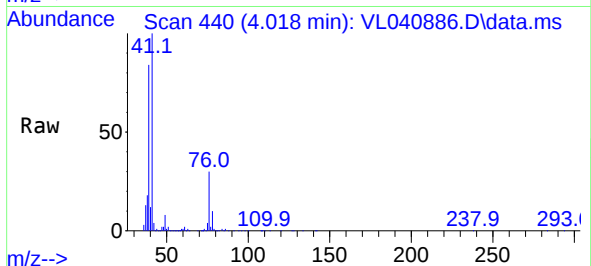
39 85.5 68.1 102.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#22

trans-1,2-Dichloroethene

Concen: 9.210 ppbv

RT: 4.465 min Scan# 579

Delta R.T. 0.032 min

Lab File: VL040886.D

Acq: 16 Nov 2023 8:12

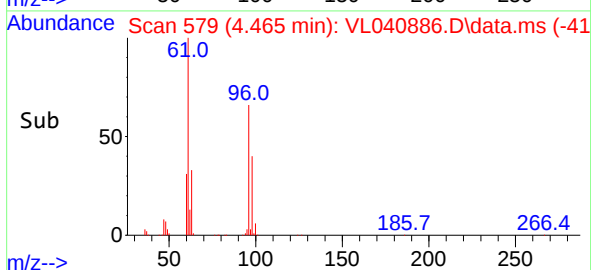
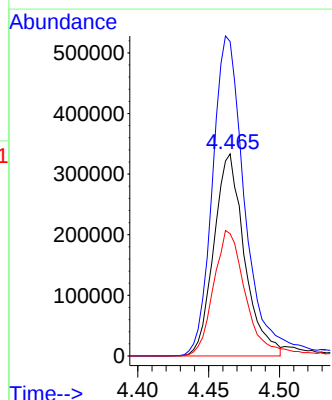
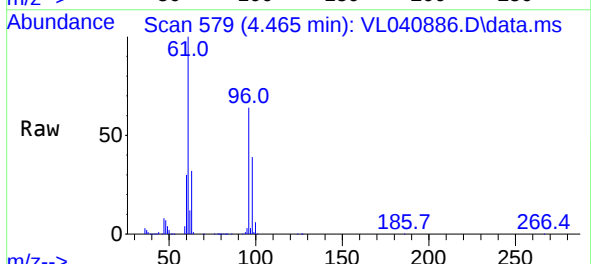
Tgt Ion: 96 Resp: 501498

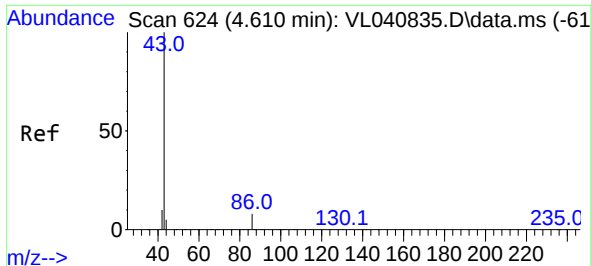
Ion Ratio Lower Upper

96 100

61 155.3 126.8 190.2

98 60.4 49.9 74.9





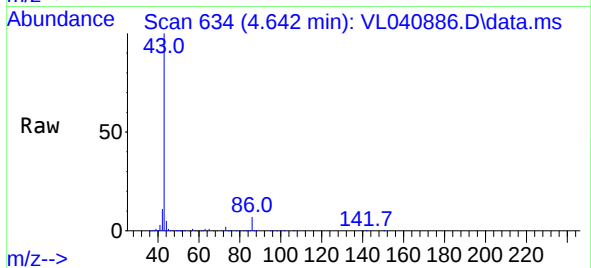
#23
 Vinyl Acetate
 Concen: 9.073 ppbv
 RT: 4.642 min Scan# 615
 Delta R.T. 0.032 min
 Lab File: VL040886.D
 Acq: 16 Nov 2023 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

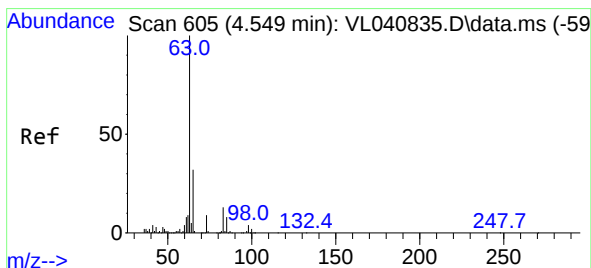
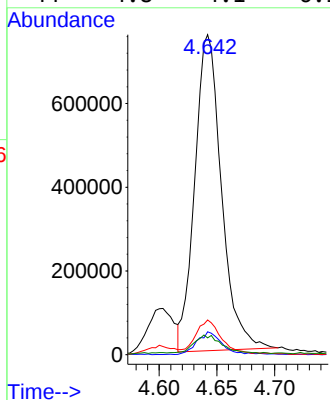
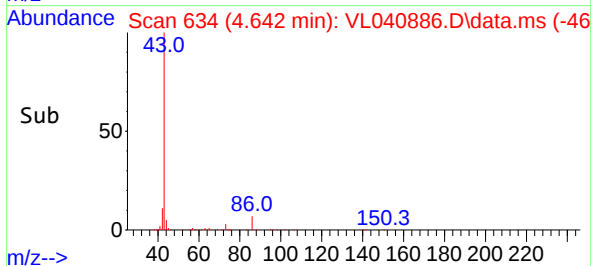


Tgt Ion: 43 Resp: 1213910
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.5 8.3
 42 10.8 8.2 12.2
 44 4.8 4.1 6.1

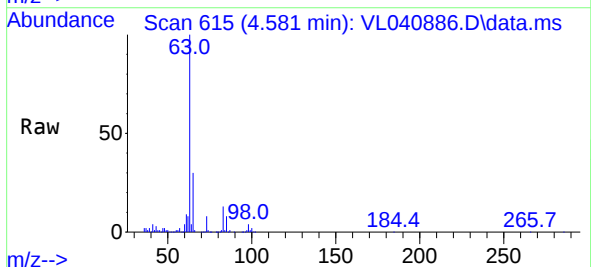
Manual Integrations

APPROVED

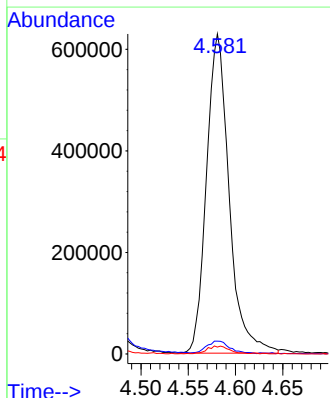
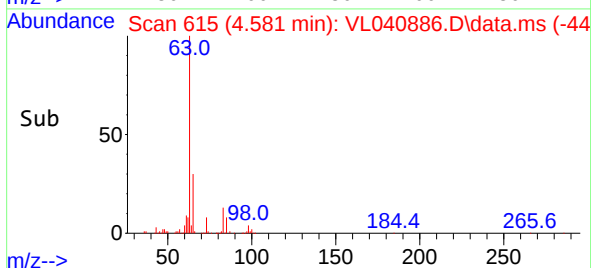
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

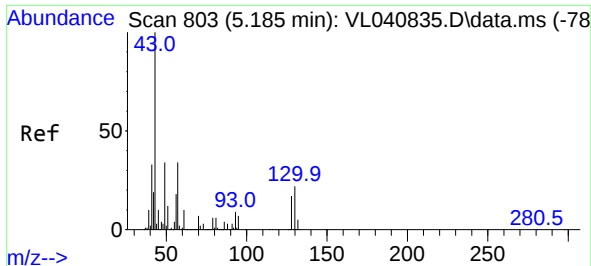


#24
 1,1-Dichloroethane
 Concen: 8.795 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.032 min
 Lab File: VL040886.D
 Acq: 16 Nov 2023 8:12



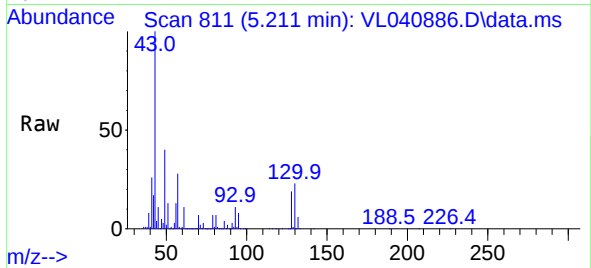
Tgt Ion: 63 Resp: 1048777
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.2 6.6
 100 2.1 1.0 3.0





#25
Ethyl Acetate
Concen: 10.010 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.026 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

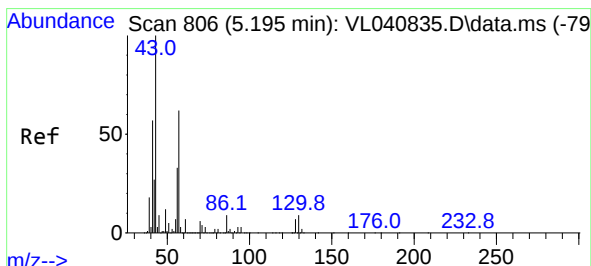
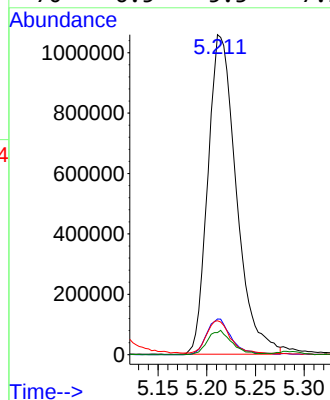
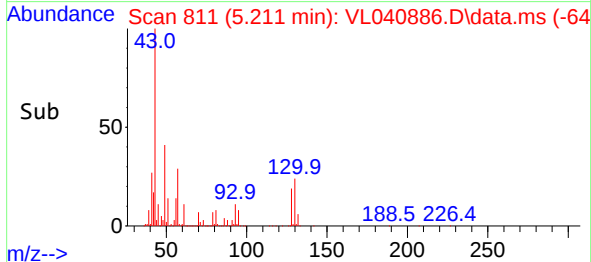


Tgt Ion: 43 Resp: 214747

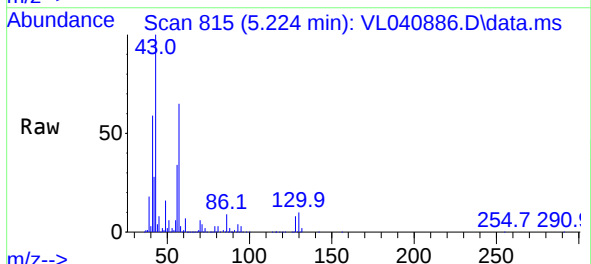
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	9.6	7.8	11.6
70	6.5	5.3	7.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

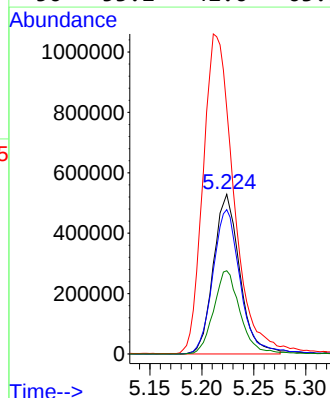
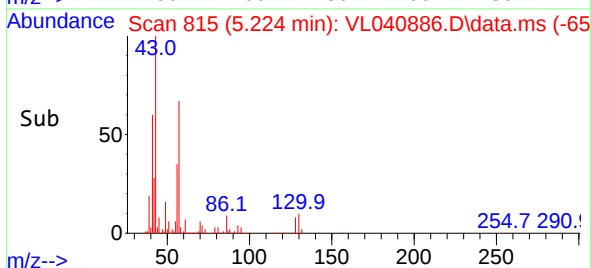


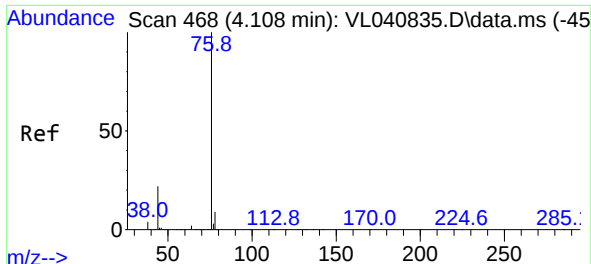
#26
Hexane
Concen: 9.763 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.029 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion: 57 Resp: 926930

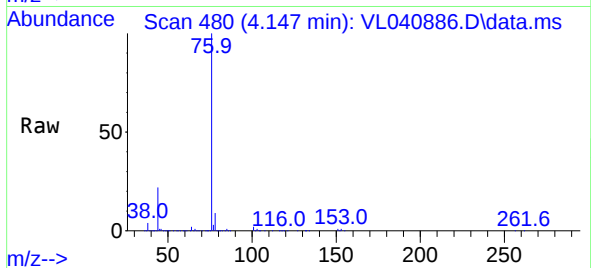
Ion	Ratio	Lower	Upper
57	100		
41	95.9	75.4	113.0
43	237.3	185.9	278.9
56	53.2	42.6	63.8





#27
Carbon Disulfide
Concen: 10.306 ppbv
RT: 4.147 min Scan# 411
Delta R.T. 0.039 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

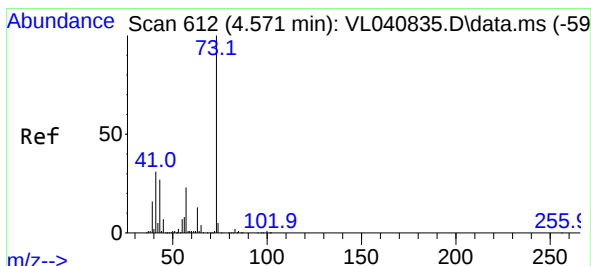
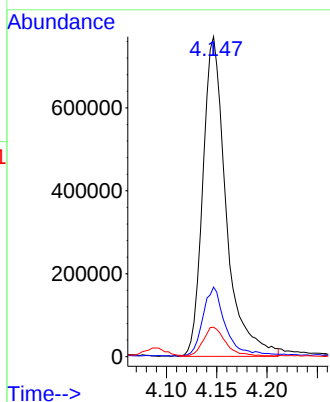
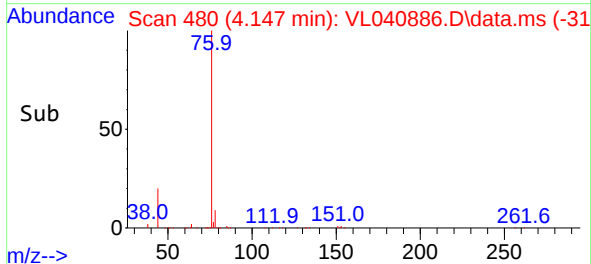
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 124086
Ion Ratio Lower Upper
76 100
44 21.2 16.7 25.1
78 9.2 7.6 11.4

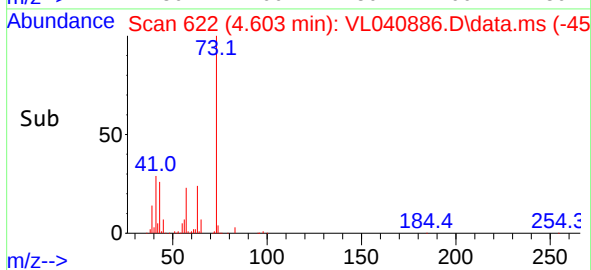
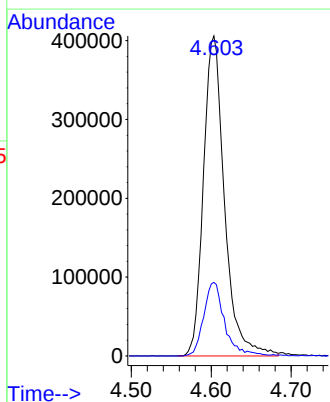
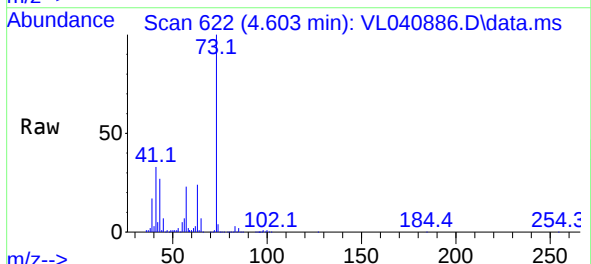
Manual Integrations
APPROVED

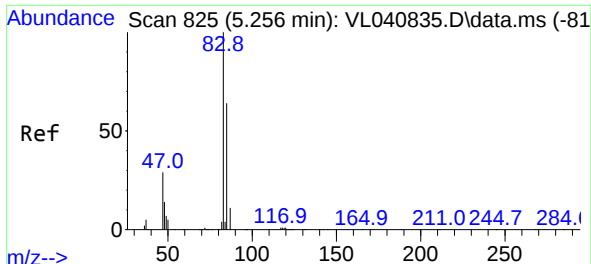
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#28
Methyl tert-Butyl Ether
Concen: 8.667 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.032 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Tgt Ion: 73 Resp: 744221
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0





#29

Chloroform

Concen: 9.735 ppbv

RT: 5.285 min Scan# 81

Delta R.T. 0.029 min

Lab File: VL040886.D

Acq: 16 Nov 2023 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1566510

Ion Ratio Lower Upper

83 100

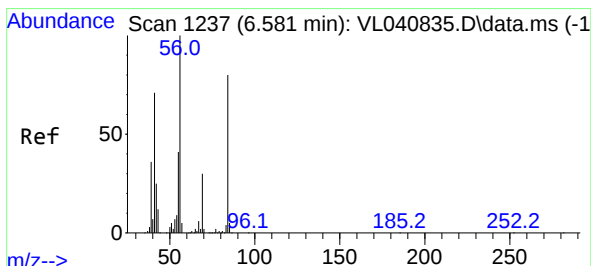
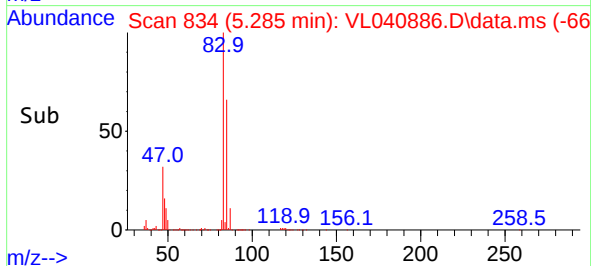
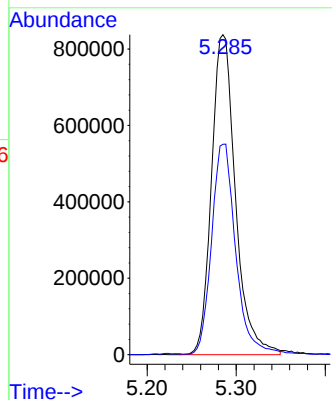
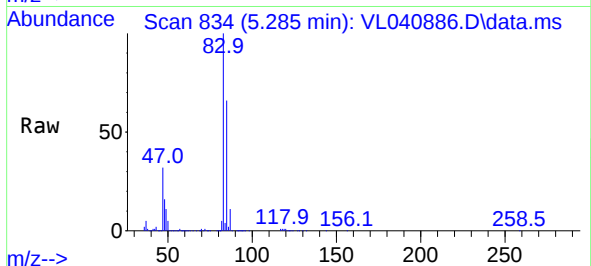
85 65.5 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#30

Cyclohexane

Concen: 9.348 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.019 min

Lab File: VL040886.D

Acq: 16 Nov 2023 8:12

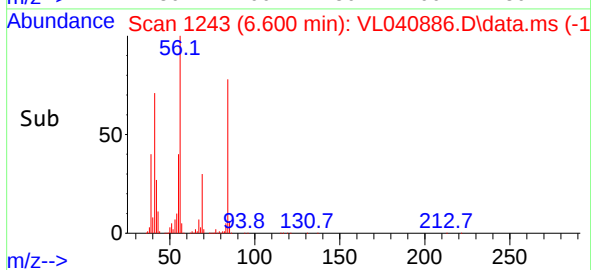
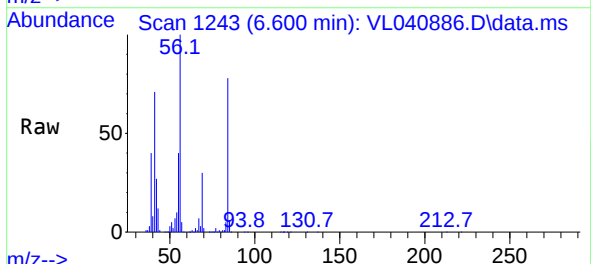
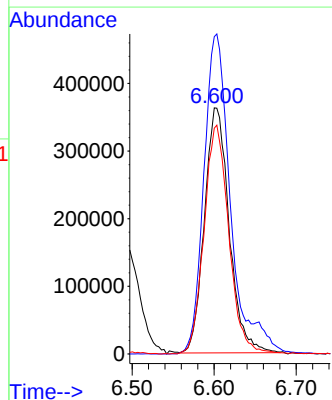
Tgt Ion: 84 Resp: 763570

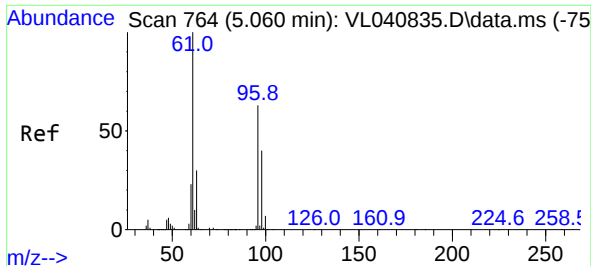
Ion Ratio Lower Upper

84 100

56 141.4 109.3 163.9

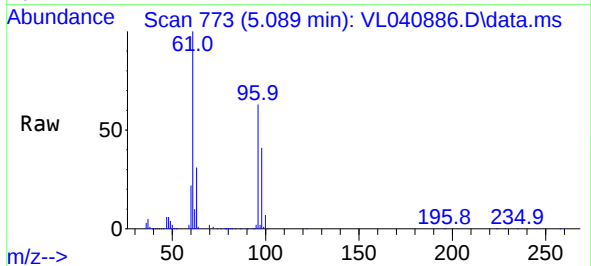
41 93.7 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 10.161 ppbv
RT: 5.089 min Scan# 71
Delta R.T. 0.029 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

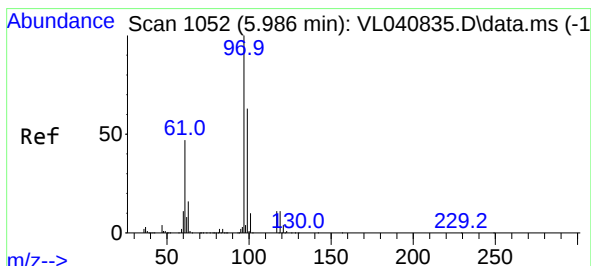
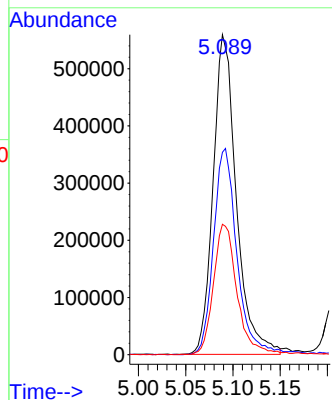
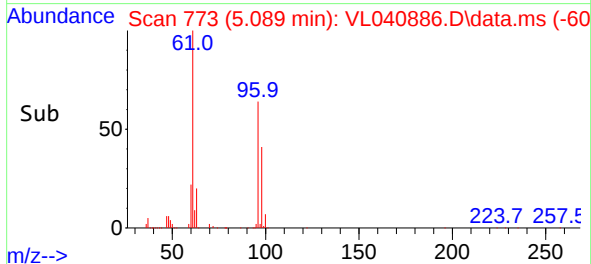
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



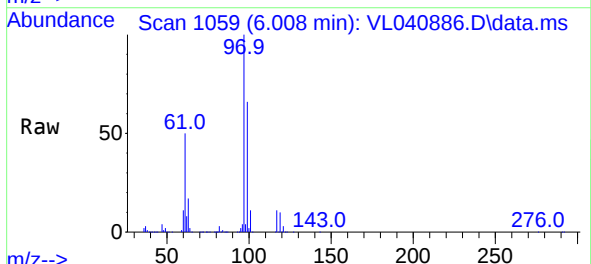
Tgt Ion: 61 Resp: 954638
Ion Ratio Lower Upper
61 100
96 63.3 50.5 75.7
98 40.8 31.9 47.9

Manual Integrations
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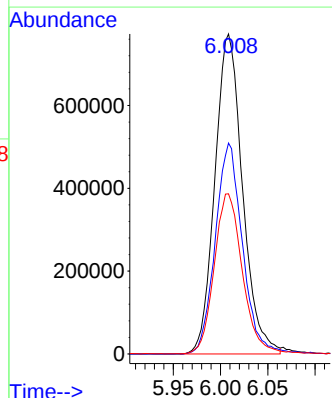
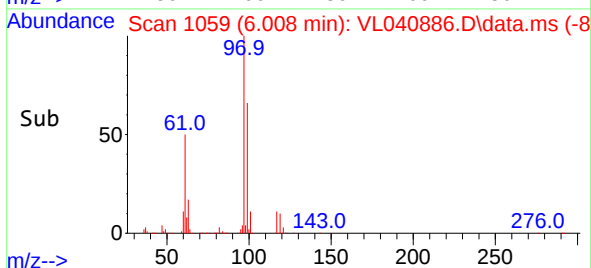
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

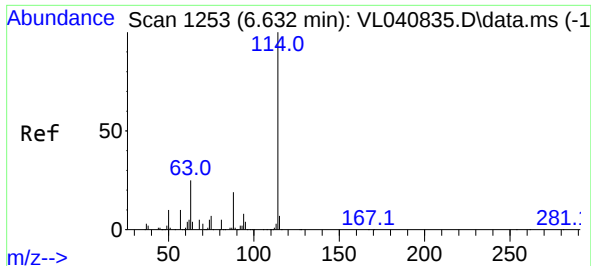


#32
1,1,1-Trichloroethane
Concen: 10.471 ppbv
RT: 6.008 min Scan# 1059
Delta R.T. 0.022 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion: 97 Resp: 1572116
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.4
61 51.5 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.022 min

Lab File: VL040886.D

Acq: 16 Nov 2023 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 235098

Ion Ratio Lower Upper

114 100

63 26.9 20.9 31.3

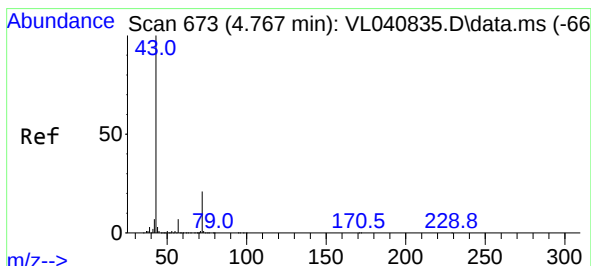
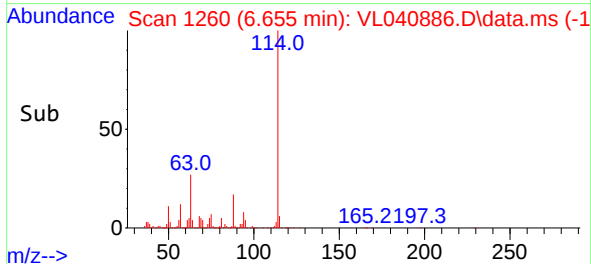
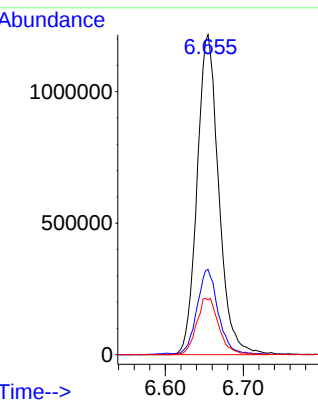
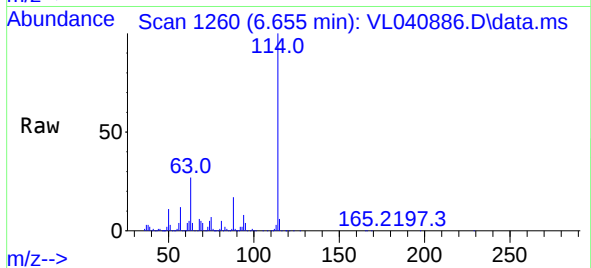
88 18.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#34

2-Butanone

Concen: 10.498 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.032 min

Lab File: VL040886.D

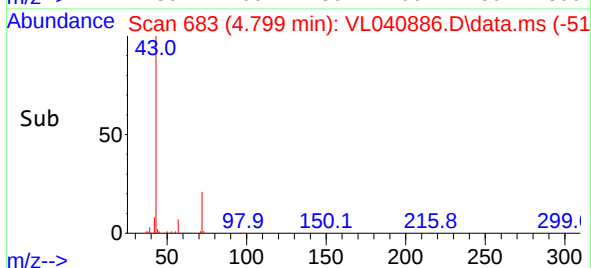
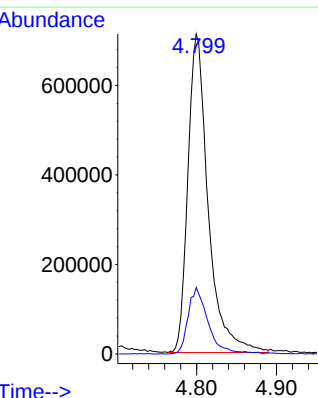
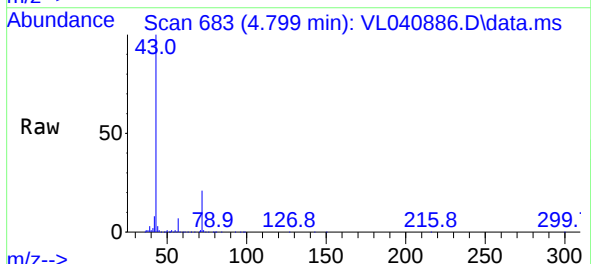
Acq: 16 Nov 2023 8:12

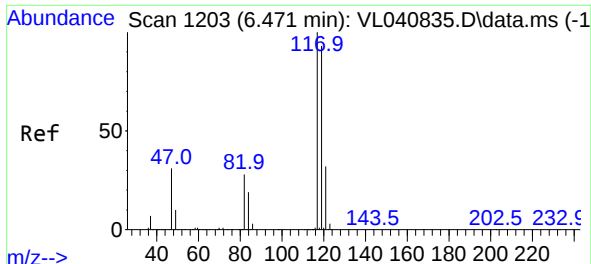
Tgt Ion: 43 Resp: 1257299

Ion Ratio Lower Upper

43 100

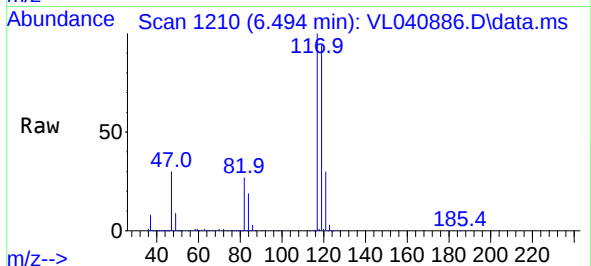
72 20.9 17.2 25.8





#35
Carbon Tetrachloride
Concen: 11.567 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. 0.022 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

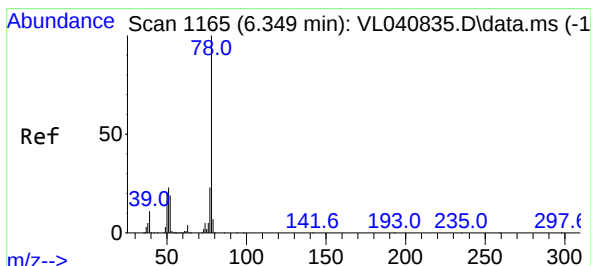
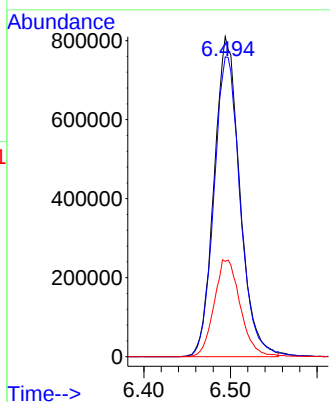
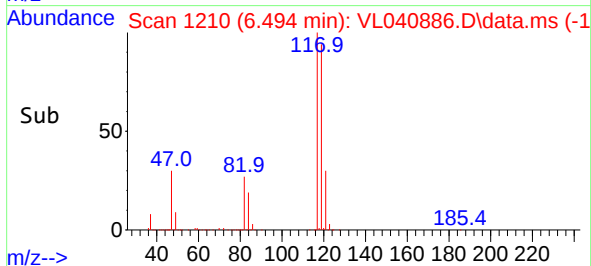
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



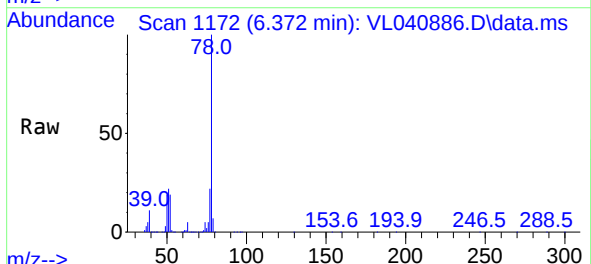
Tgt Ion: 117 Resp: 1668408
Ion Ratio Lower Upper
117 100
119 93.7 74.7 112.1
121 29.8 25.5 38.3

Manual Integrations
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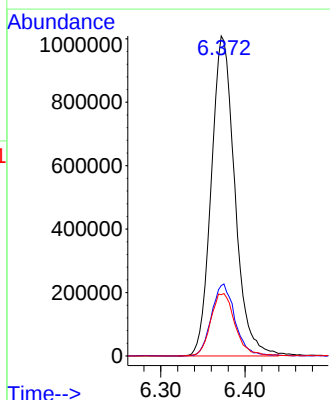
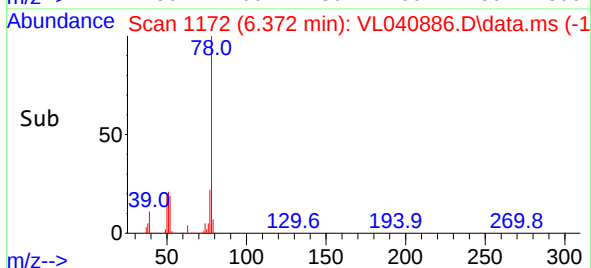
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

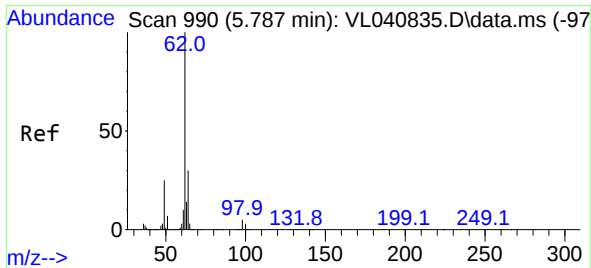


#36
Benzene
Concen: 10.236 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.022 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion: 78 Resp: 1953038
Ion Ratio Lower Upper
78 100
77 22.0 18.4 27.6
50 19.2 16.2 24.2





#37
1,2-Dichloroethane
Concen: 11.000 ppbv
RT: 5.812 min Scan# 990
Delta R.T. 0.026 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :

MSVOA_L

ClientSampleId :

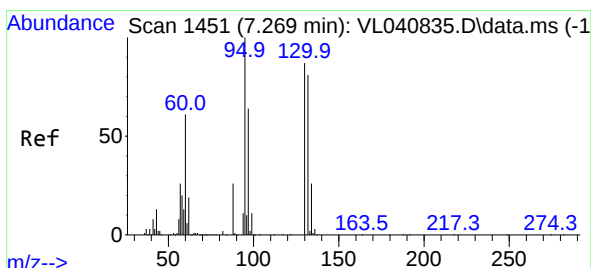
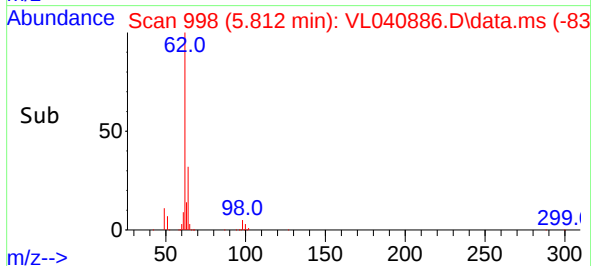
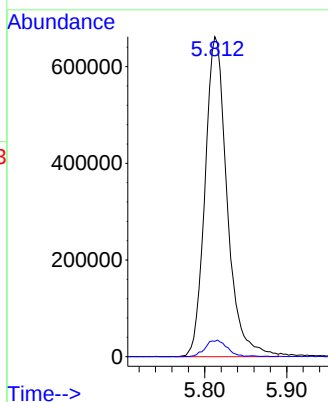
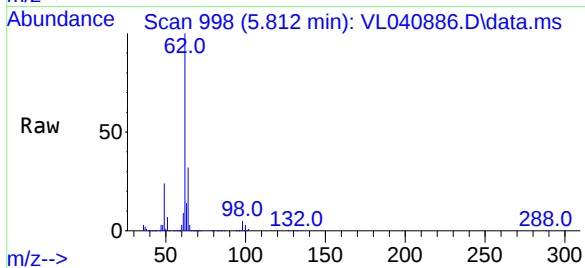
VSTDCCC010EC

Tgt Ion: 62 Resp: 123789
Ion Ratio Lower Upper
62 100
98 5.3 4.6 6.8

Manual Integrations

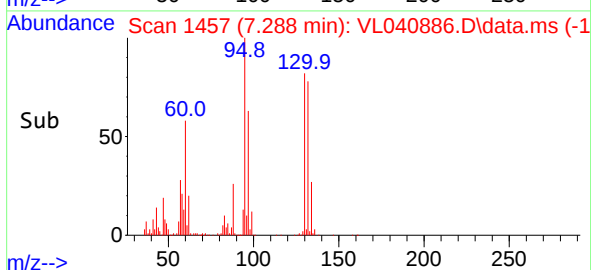
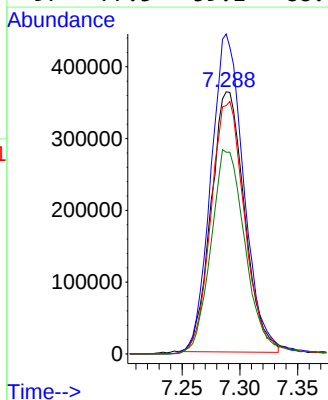
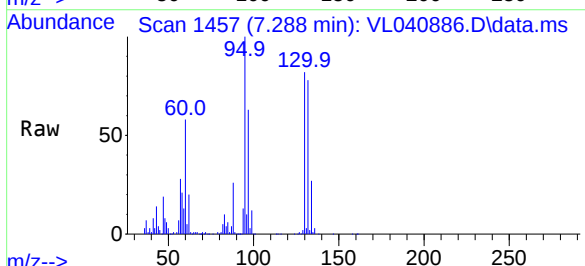
APPROVED

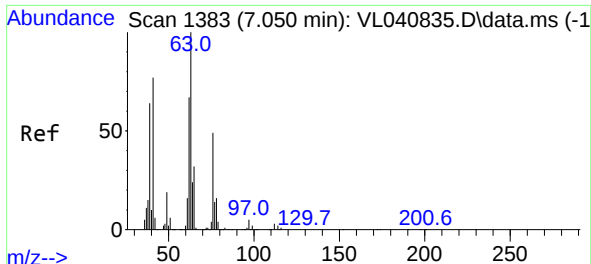
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#38
Trichloroethene
Concen: 9.851 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.019 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Tgt Ion:130 Resp: 730592
Ion Ratio Lower Upper
130 100
95 122.8 92.4 138.6
132 95.3 75.1 112.7
97 77.5 59.1 88.7





#39
1,2-Dichloropropane
Concen: 10.258 ppbv
RT: 7.069 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :

MSVOA_L

ClientSampleId :

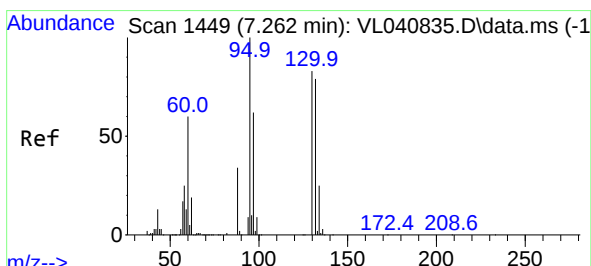
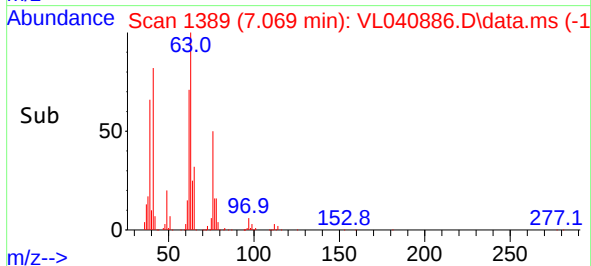
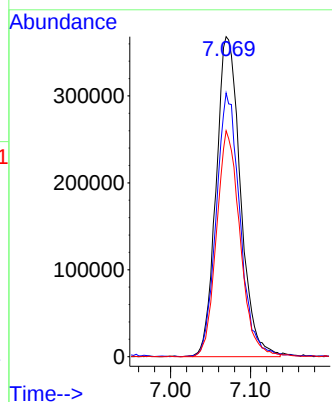
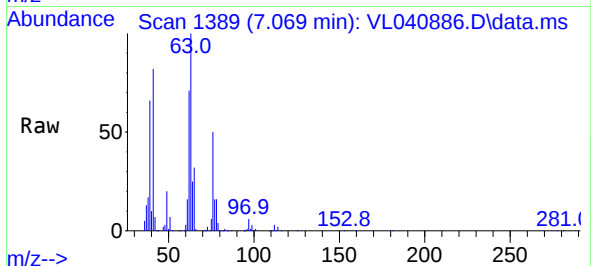
VSTDCCC010EC

Tgt Ion: 63 Resp: 776052
Ion Ratio Lower Upper
63 100
41 82.3 61.5 92.3
62 70.6 53.9 80.9

Manual Integrations

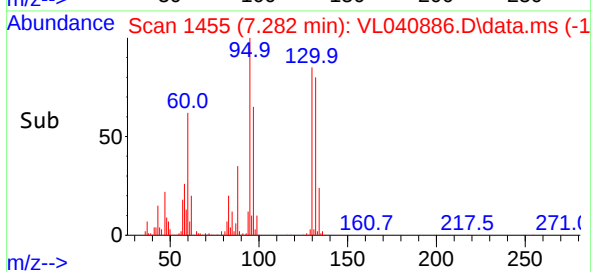
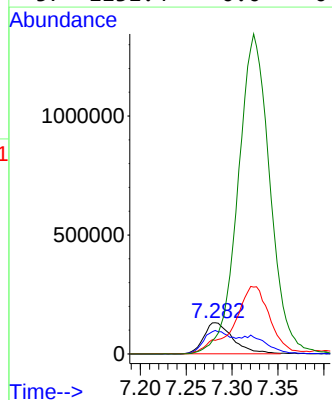
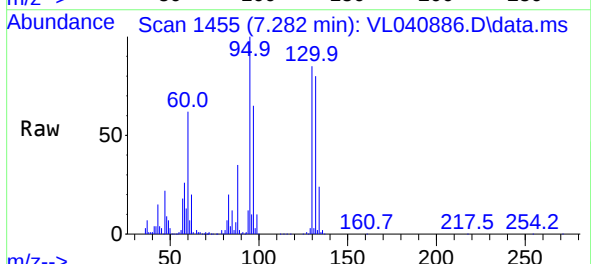
APPROVED

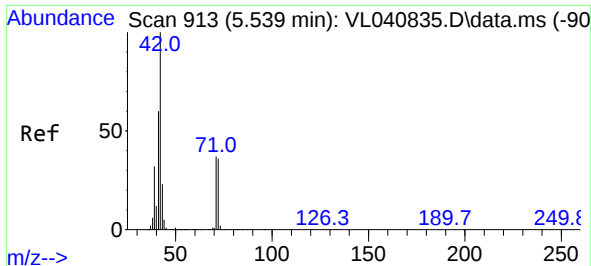
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#40
1,4-Dioxane
Concen: 9.623 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.019 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

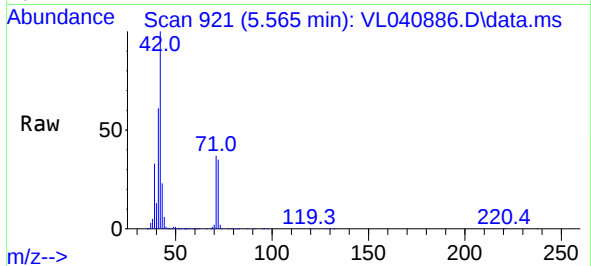
Tgt Ion: 88 Resp: 288876
Ion Ratio Lower Upper
88 100
58 126.8 101.0 151.6
43 272.2 0.0 0.0#
57 1131.4 0.0 0.0#





#41
Tetrahydrofuran
Concen: 10.971 ppbv
RT: 5.565 min Scan# 913
Delta R.T. 0.026 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

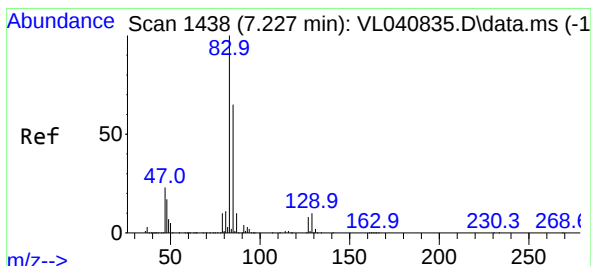
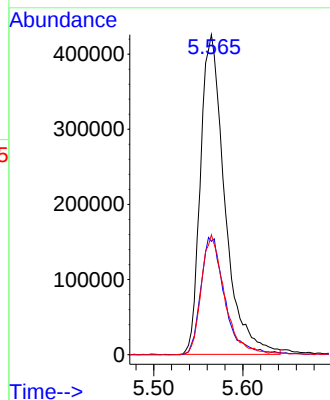
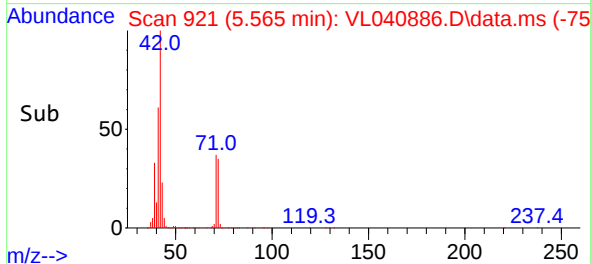
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



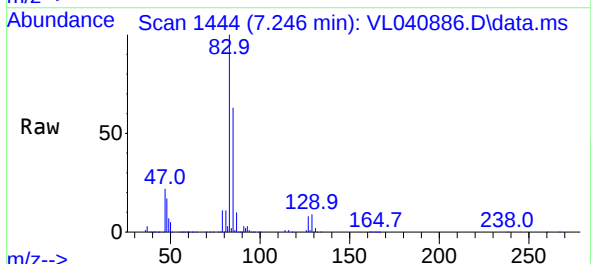
Tgt Ion: 42 Resp: 809011
Ion Ratio Lower Upper
42 100
72 36.8 30.8 46.2
71 36.5 30.0 45.0

Manual Integrations
APPROVED

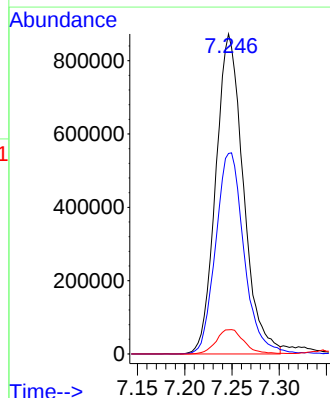
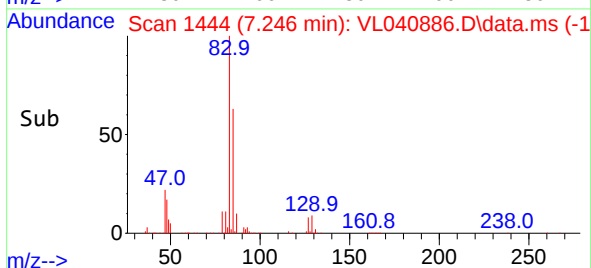
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

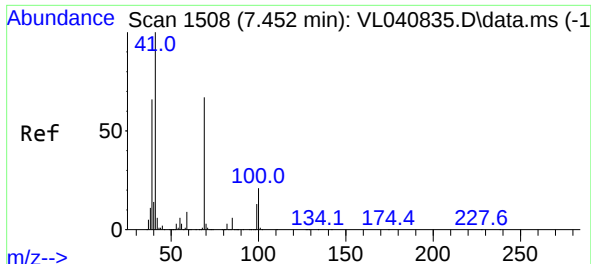


#42
Bromodichloromethane
Concen: 10.995 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.019 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion: 83 Resp: 1770761
Ion Ratio Lower Upper
83 100
85 62.6 52.3 78.5
127 7.5 6.6 10.0





#43

Methyl Methacrylate

Concen: 10.975 ppbv

RT: 7.471 min Scan# 1

Delta R.T. 0.019 min

Lab File: VL040886.D

Acq: 16 Nov 2023 8:12

Instrument :

MSVOA_L

ClientSampleId :

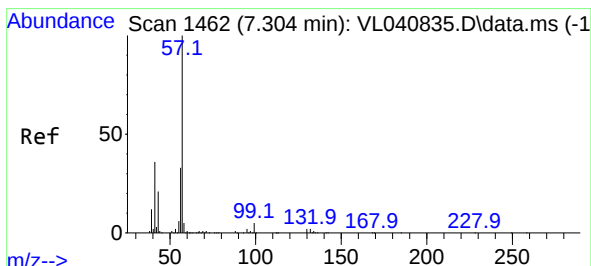
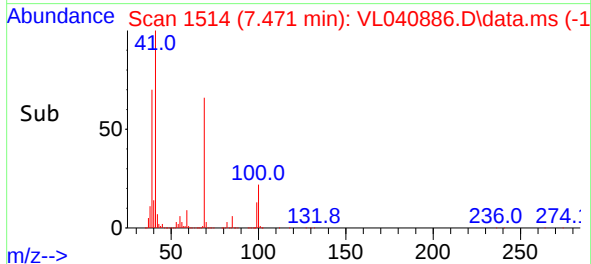
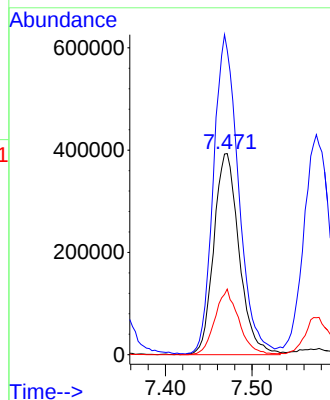
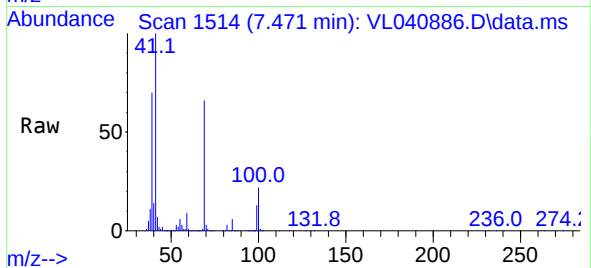
VSTDCCC010EC

Tgt Ion: 69 Resp: 797970
 Ion Ratio Lower Upper
 69 100
 41 157.7 123.0 184.4
 100 30.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#44

2,2,4-Trimethylpentane

Concen: 10.296 ppbv

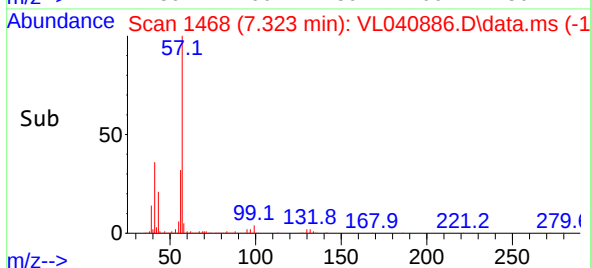
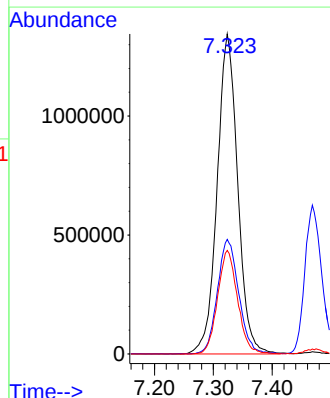
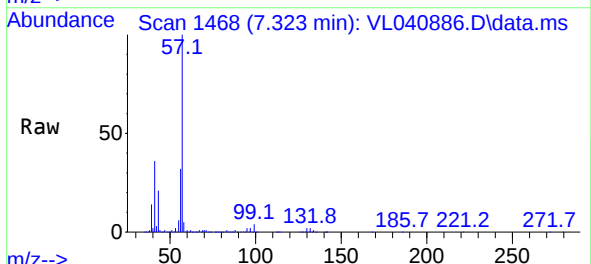
RT: 7.323 min Scan# 1468

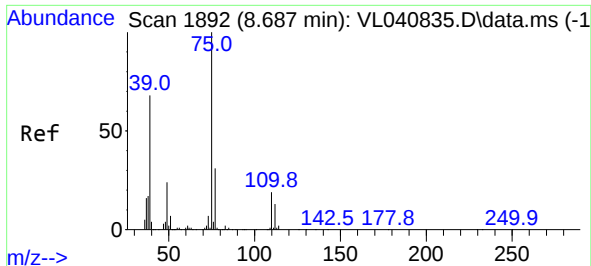
Delta R.T. 0.019 min

Lab File: VL040886.D

Acq: 16 Nov 2023 8:12

Tgt Ion: 57 Resp: 3263351
 Ion Ratio Lower Upper
 57 100
 41 37.3 29.0 43.6
 56 31.5 25.2 37.8





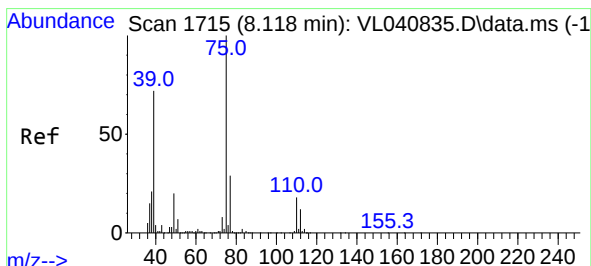
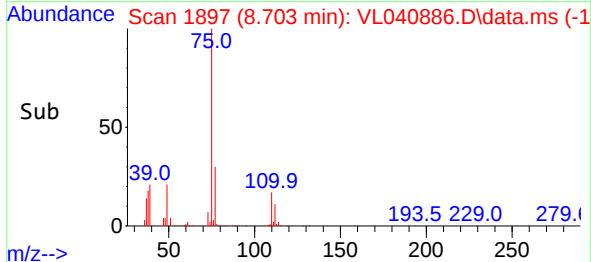
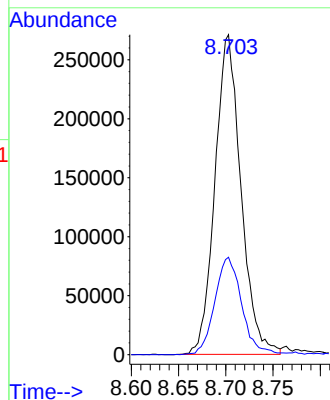
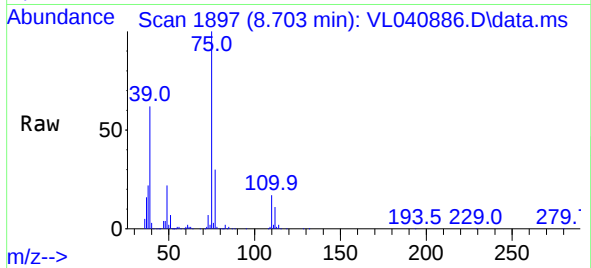
#45
t-1,3-Dichloropropene
Concen: 12.114 ppbv
RT: 8.703 min Scan# 11758
Delta R.T. 0.016 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 51758
Ion Ratio Lower Upper
75 100
77 30.4 24.9 37.3

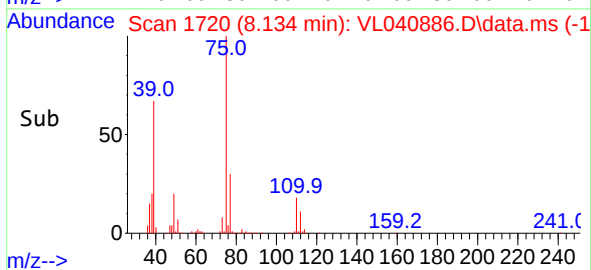
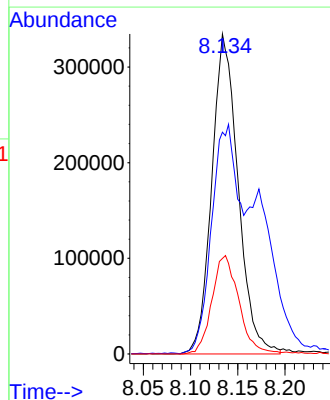
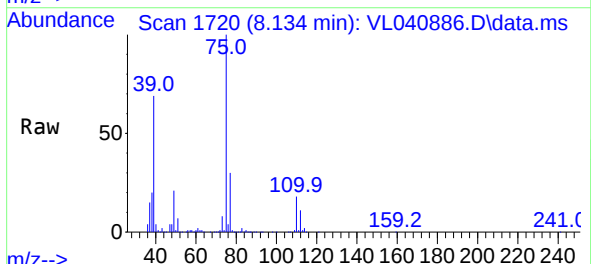
Manual Integrations
APPROVED

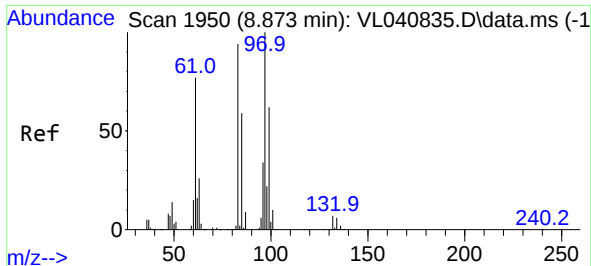
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#46
cis-1,3-Dichloropropene
Concen: 11.682 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.016 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Tgt Ion: 75 Resp: 647202
Ion Ratio Lower Upper
75 100
39 69.2 57.3 85.9
77 29.9 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 10.237 ppbv

RT: 8.889 min Scan# 1950

Delta R.T. 0.016 min

Lab File: VL040886.D

Acq: 16 Nov 2023 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 81151

Ion Ratio Lower Upper

97 100

83 94.0 74.8 112.2

85 59.8 47.4 71.0

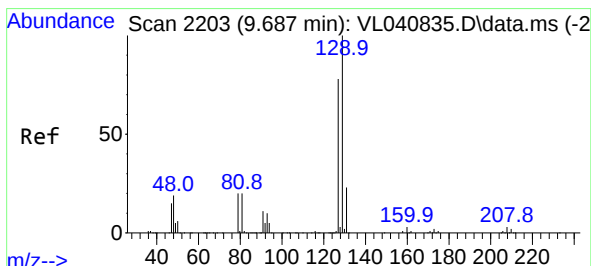
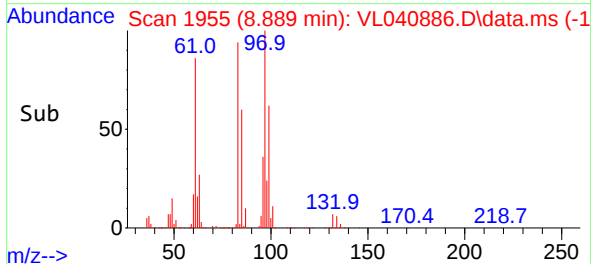
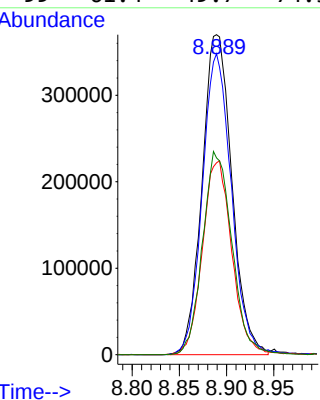
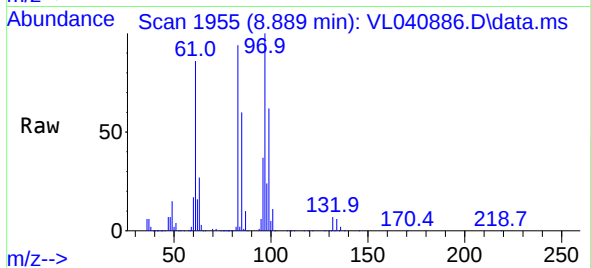
99 61.4 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#48

Dibromochloromethane

Concen: 11.122 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. 0.013 min

Lab File: VL040886.D

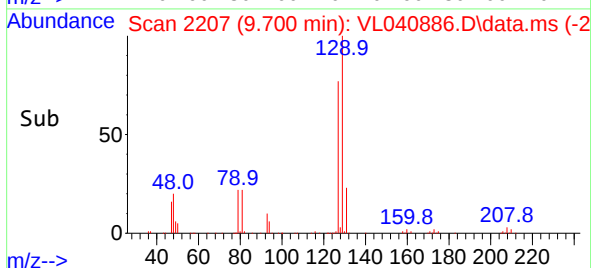
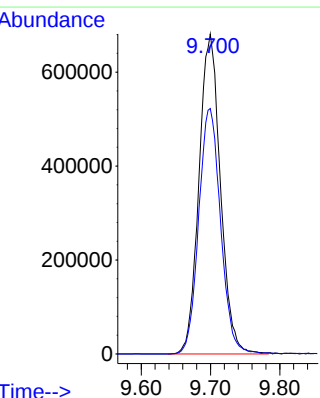
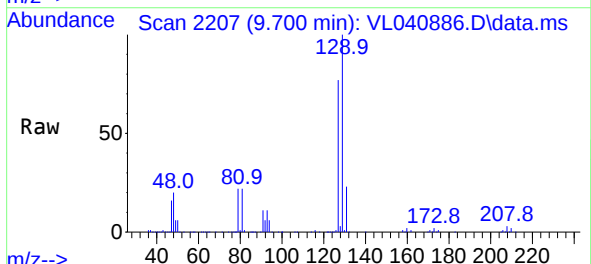
Acq: 16 Nov 2023 8:12

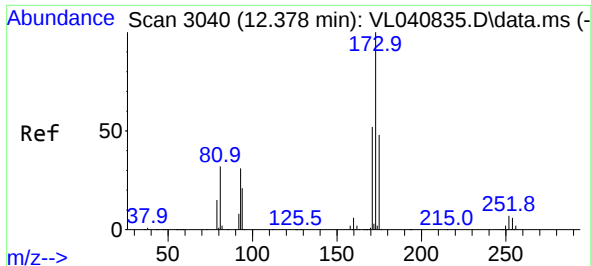
Tgt Ion:129 Resp: 1463004

Ion Ratio Lower Upper

129 100

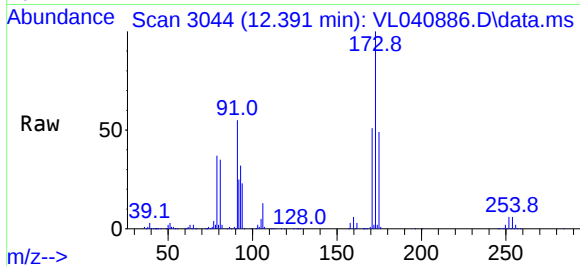
127 78.5 39.3 117.9





#49
Bromoform
Concen: 11.730 ppbv
RT: 12.391 min Scan# 3044
Delta R.T. 0.013 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

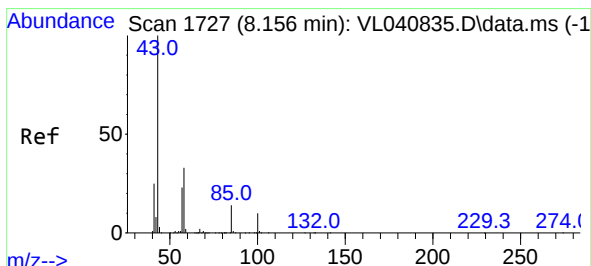
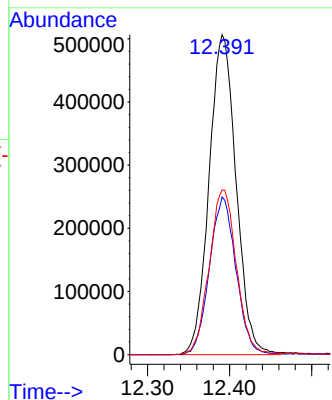
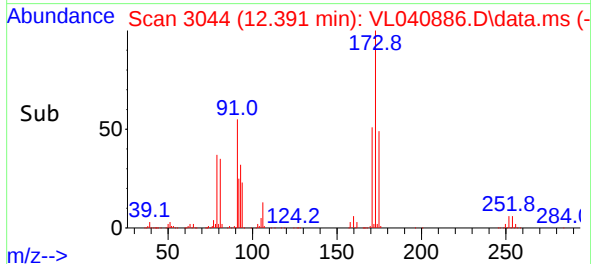
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



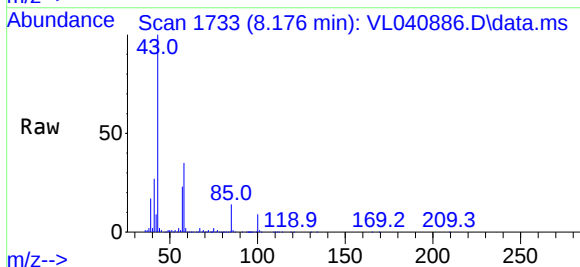
Tgt Ion:173 Resp: 1160550
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
171 52.4 41.8 62.6

Manual Integrations
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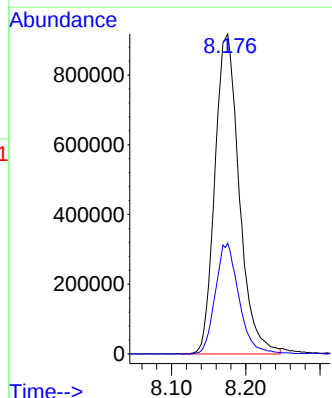
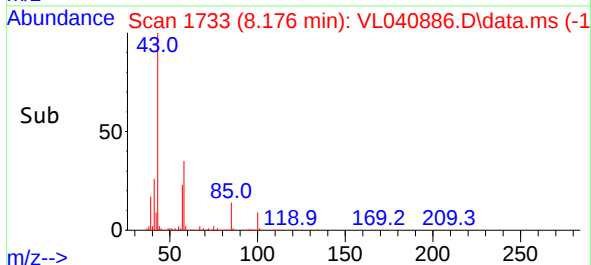
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

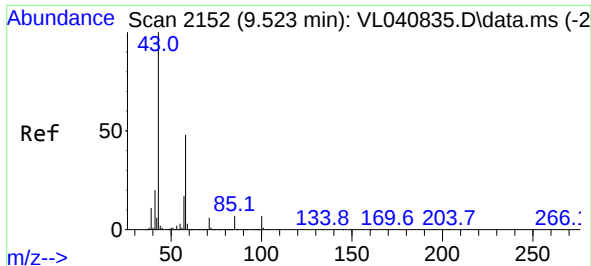


#50
4-Methyl-2-Pentanone
Concen: 11.265 ppbv
RT: 8.176 min Scan# 1733
Delta R.T. 0.019 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion: 43 Resp: 2088024
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.6





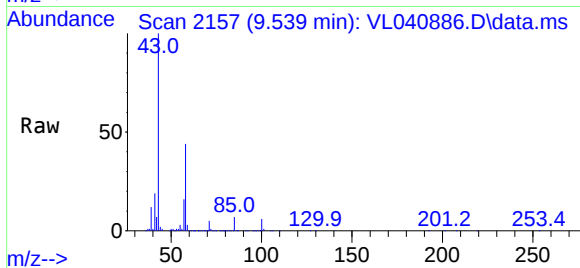
#51
2-Hexanone
Concen: 11.735 ppbv
RT: 9.539 min Scan# 2152
Delta R.T. 0.016 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

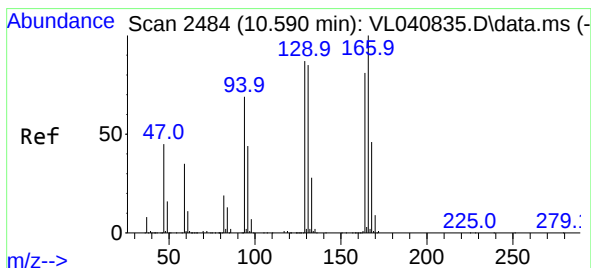
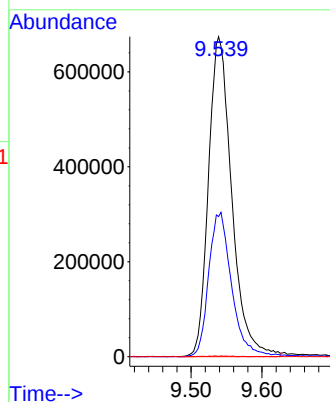
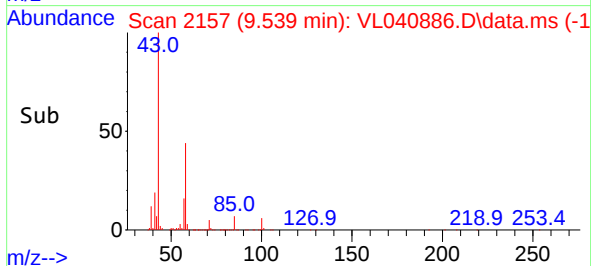


Tgt Ion: 43 Resp: 153324
Ion Ratio Lower Upper
43 100
58 45.1 37.4 56.2
98 0.3 0.2 0.2

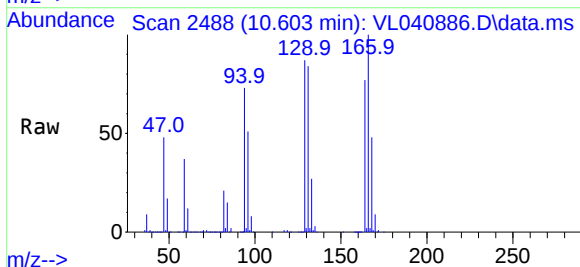
Manual Integrations

APPROVED

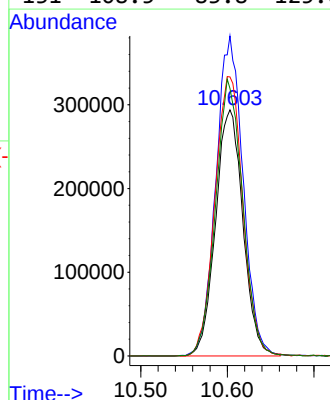
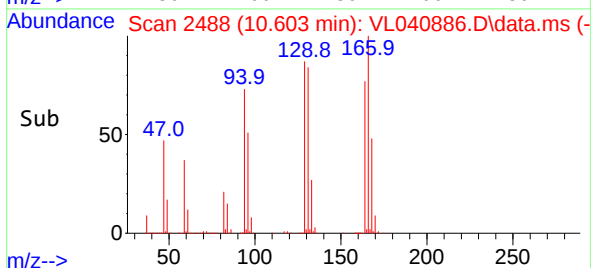
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

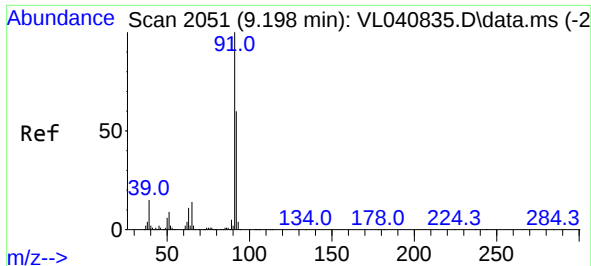


#52
Tetrachloroethene
Concen: 10.044 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.013 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



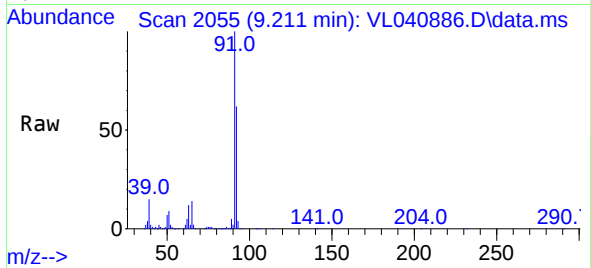
Tgt Ion:164 Resp: 645387
Ion Ratio Lower Upper
164 100
166 129.8 98.3 147.5
129 113.2 85.1 127.7
131 108.5 83.8 125.6





#53
Toluene
Concen: 10.557 ppbv
RT: 9.211 min Scan# 2051
Delta R.T. 0.013 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

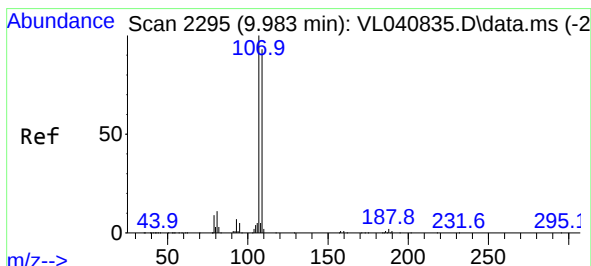
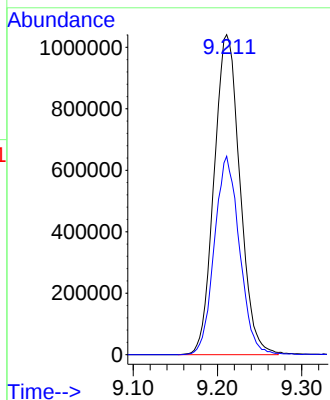
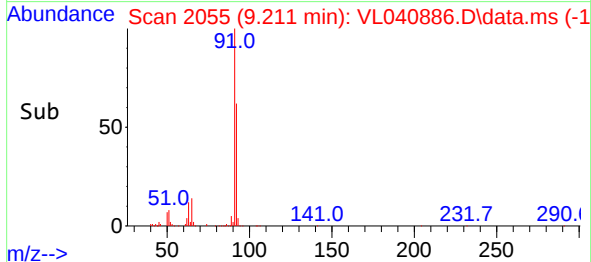
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



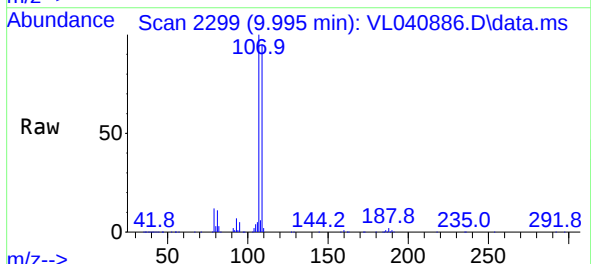
Tgt Ion: 91 Resp: 2216589
Ion Ratio Lower Upper
91 100
92 60.4 49.4 74.2

Manual Integrations
APPROVED

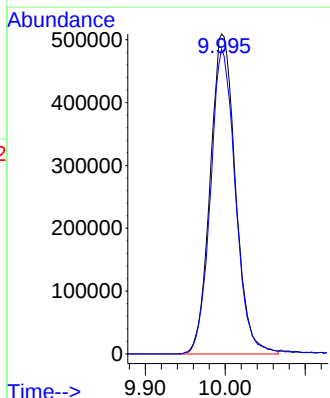
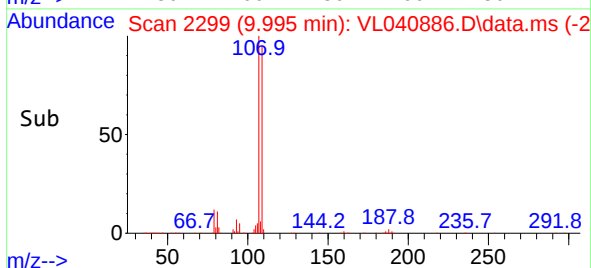
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

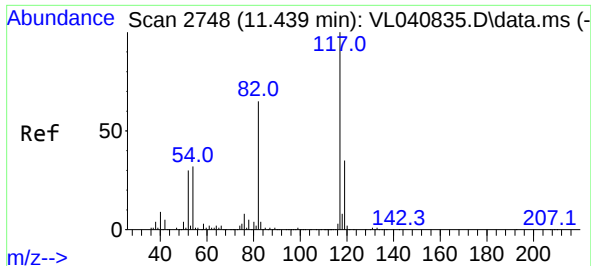


#54
1,2-Dibromoethane
Concen: 10.954 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. 0.013 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



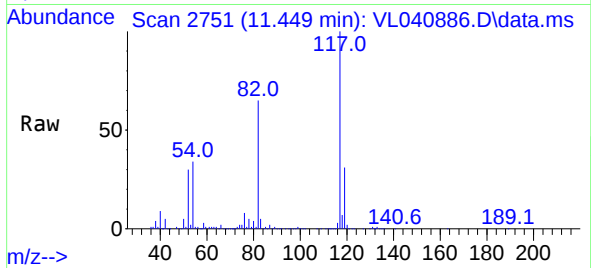
Tgt Ion:107 Resp: 1117552
Ion Ratio Lower Upper
107 100
109 95.2 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.449 min Scan# 2748
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

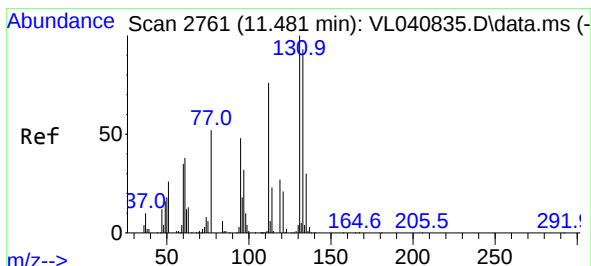
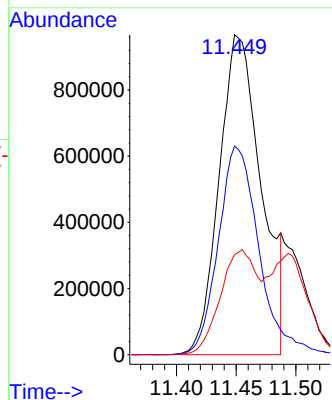
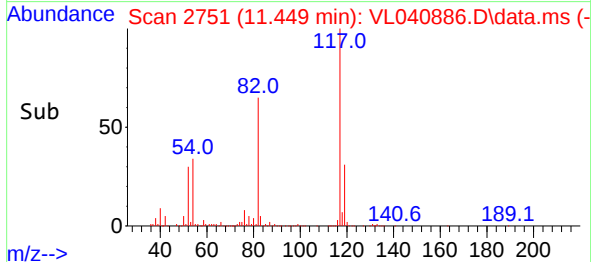
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



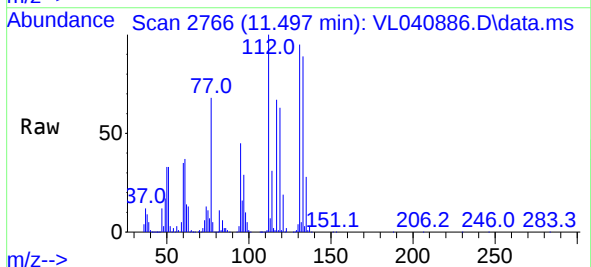
Tgt Ion:117 Resp: 2377968
Ion Ratio Lower Upper
117 100
82 63.2 50.6 75.8
119 26.9 23.3 34.9

Manual Integrations
APPROVED

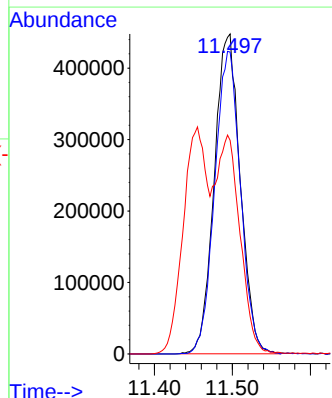
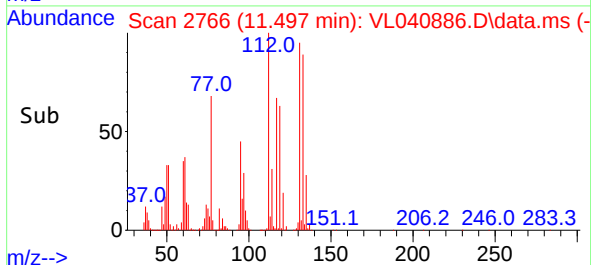
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

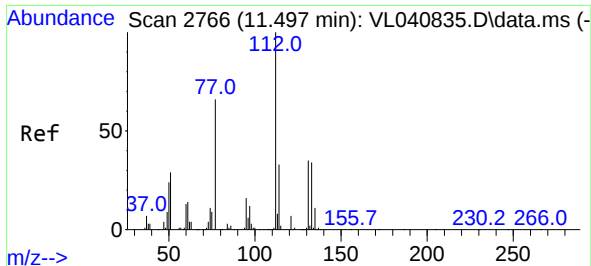


#56
1,1,1,2-Tetrachloroethane
Concen: 10.195 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.016 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



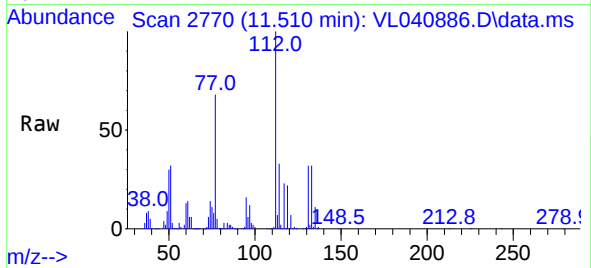
Tgt Ion:131 Resp: 1037618
Ion Ratio Lower Upper
131 100
133 94.1 76.4 114.6
119 65.7 51.1 76.7





#57
Chlorobenzene
Concen: 9.594 ppbv
RT: 11.510 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

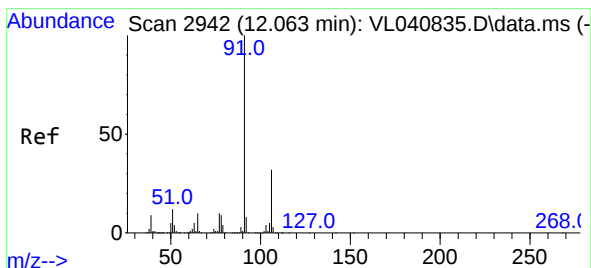
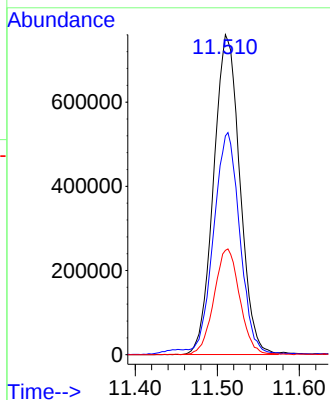
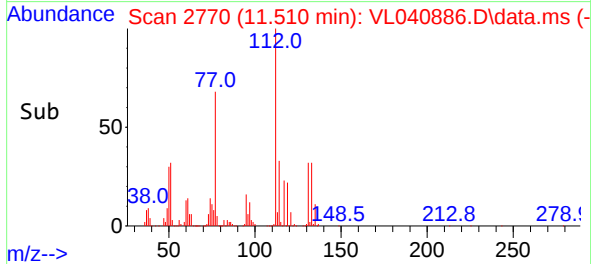
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



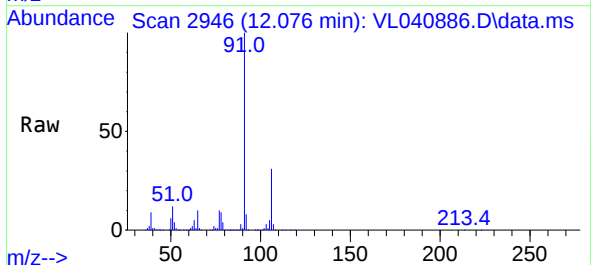
Tgt Ion:112 Resp: 169096
Ion Ratio Lower Upper
112 100
77 67.7 53.3 79.9
114 32.5 29.3 35.9

Manual Integrations
APPROVED

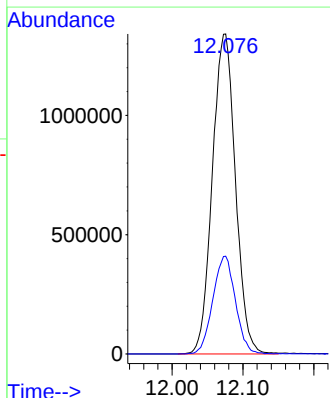
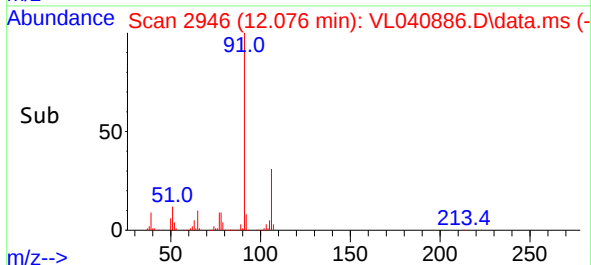
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

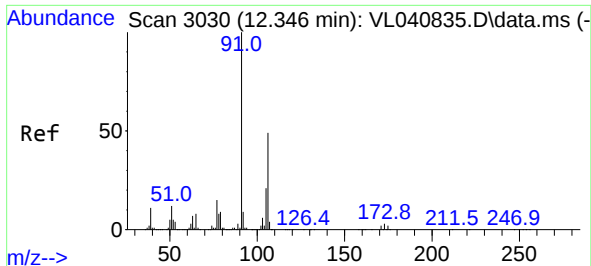


#58
Ethyl Benzene
Concen: 9.788 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.013 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion: 91 Resp: 3037024
Ion Ratio Lower Upper
91 100
106 30.6 25.2 37.8





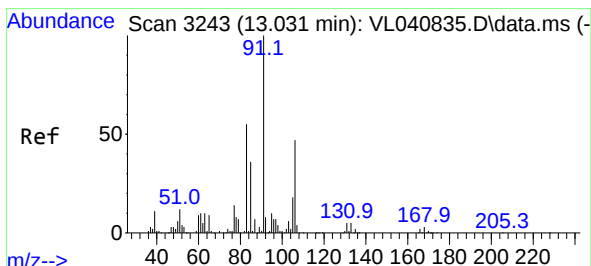
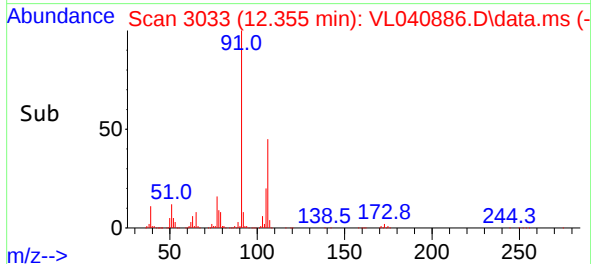
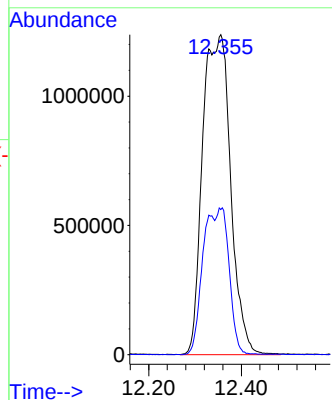
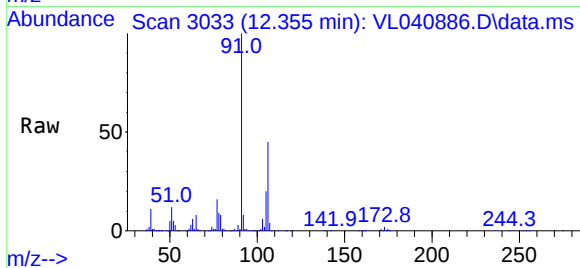
#59
m/p-Xylene
Concen: 19.674 ppbv m
RT: 12.355 min Scan# 3033
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 519802
Ion Ratio Lower Upper
91 100
106 42.7 35.4 53.0

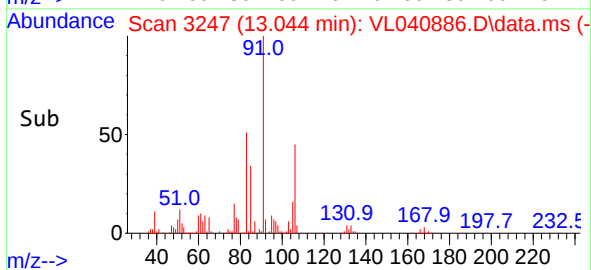
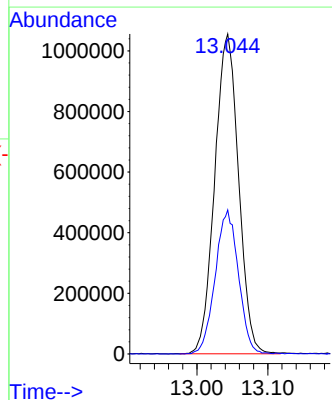
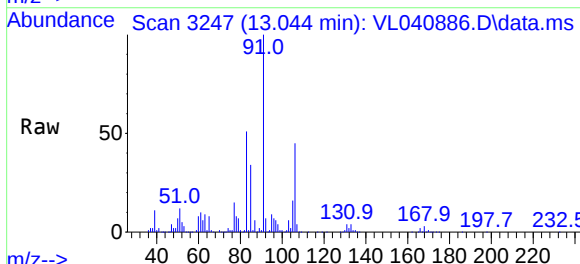
Manual Integrations
APPROVED

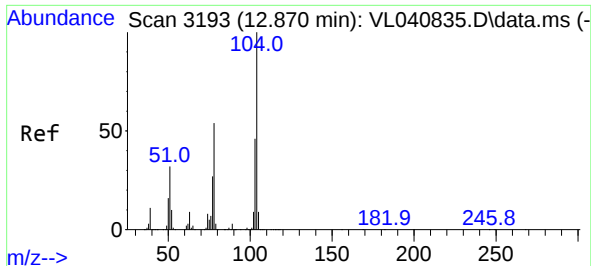
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#60
o-Xylene
Concen: 9.789 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. 0.013 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

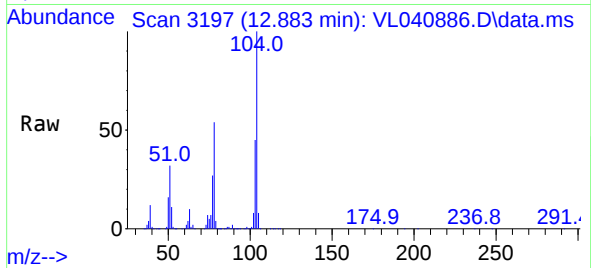
Tgt Ion: 91 Resp: 2462094
Ion Ratio Lower Upper
91 100
106 44.0 22.9 68.5





#61
Styrene
Concen: 10.304 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. 0.013 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

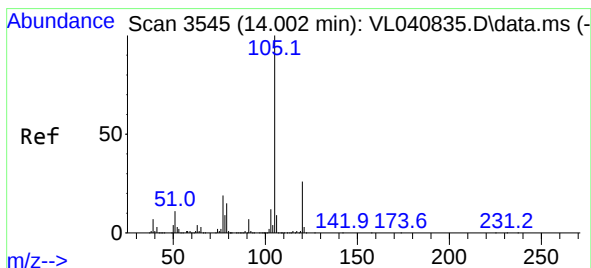
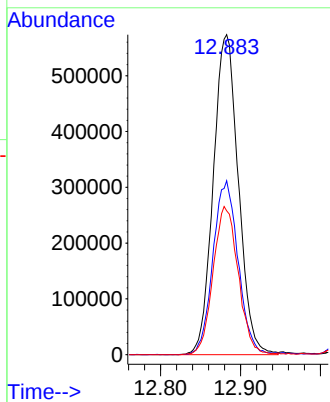
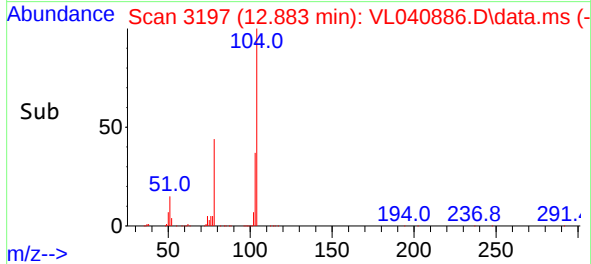
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



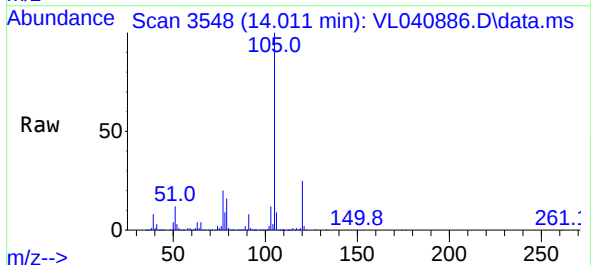
Tgt Ion:104 Resp: 1249894
Ion Ratio Lower Upper
104 100
78 54.8 43.3 64.9
103 46.5 37.6 56.4

Manual Integrations
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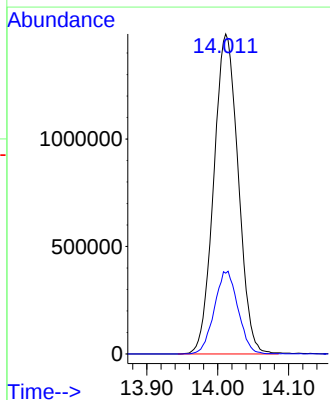
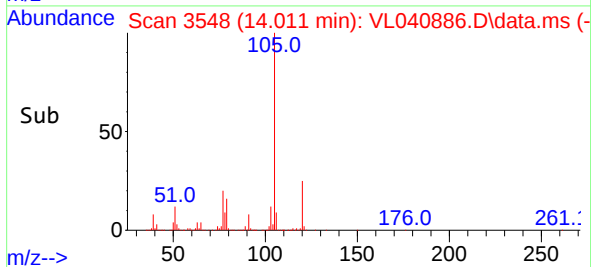
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

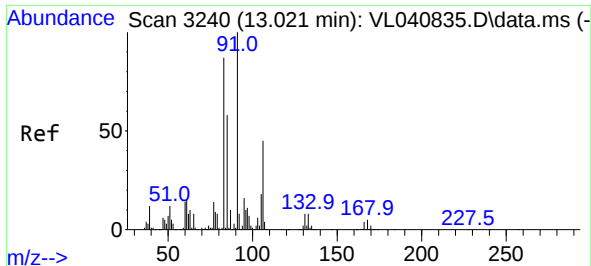


#62
Isopropylbenzene
Concen: 9.605 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



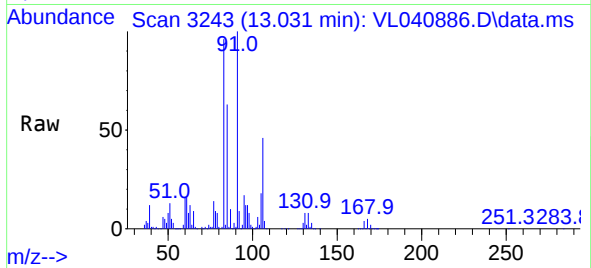
Tgt Ion:105 Resp: 3569082
Ion Ratio Lower Upper
105 100
120 25.1 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.962 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

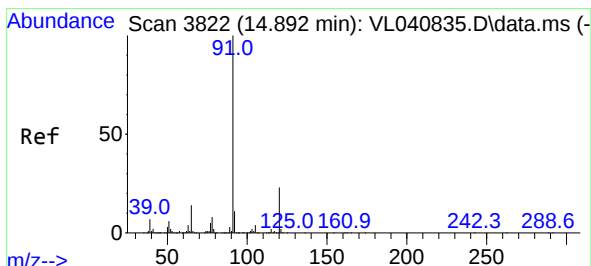
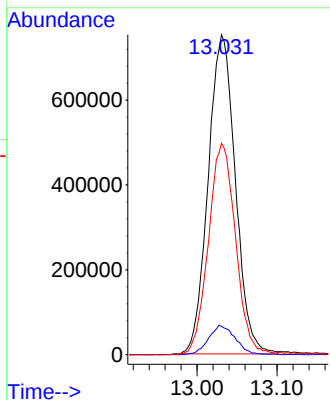
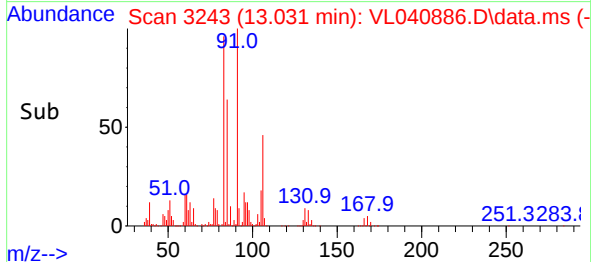
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



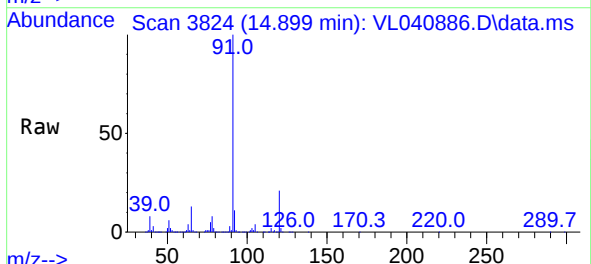
Tgt Ion: 83 Resp: 177589
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 66.9 32.9 98.7

Manual Integrations
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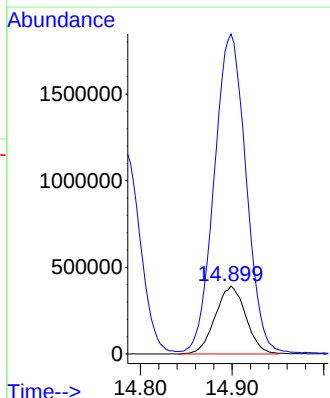
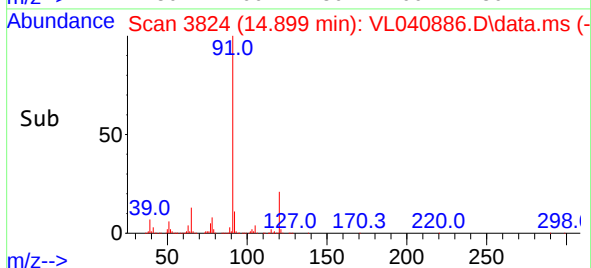
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

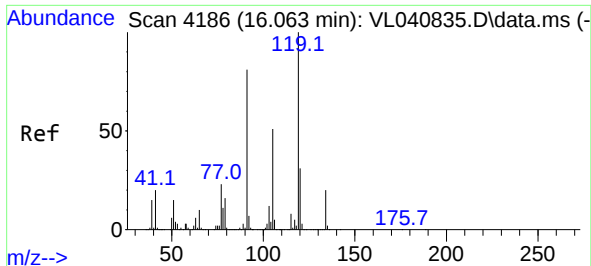


#64
n-propylbenzene
Concen: 9.674 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.006 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion:120 Resp: 901005
Ion Ratio Lower Upper
120 100
91 497.8 381.1 571.7





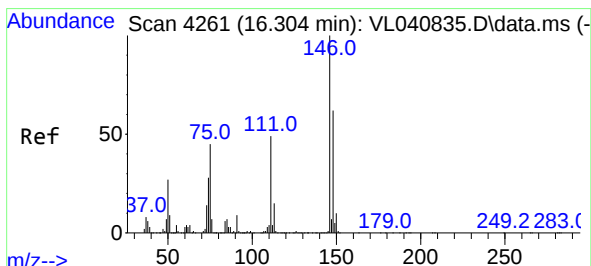
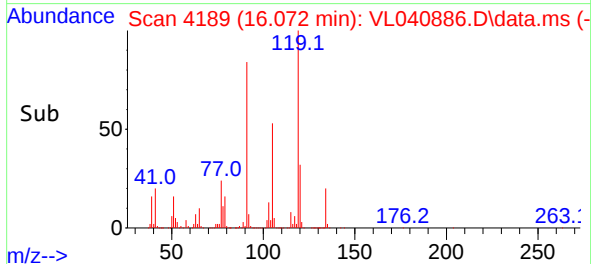
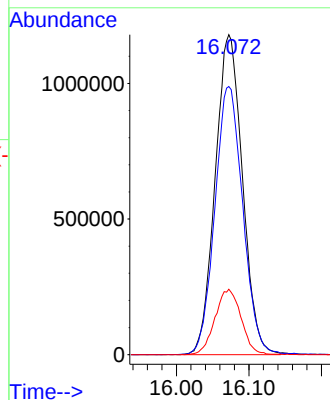
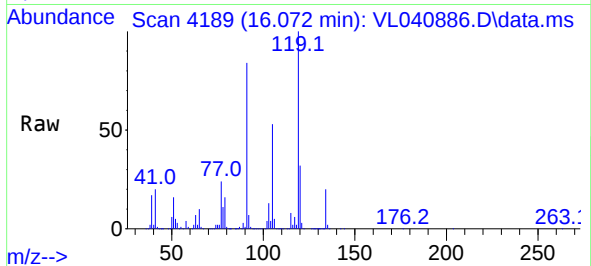
#65
tert-Butylbenzene
Concen: 9.828 ppbv
RT: 16.072 min Scan# 4186
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 119 Resp: 3079418
Ion Ratio Lower Upper
119 100
91 86.3 67.5 101.3
134 19.6 15.9 23.9

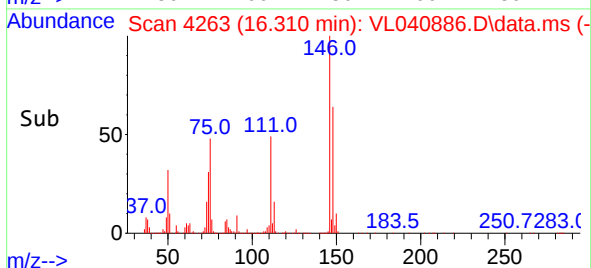
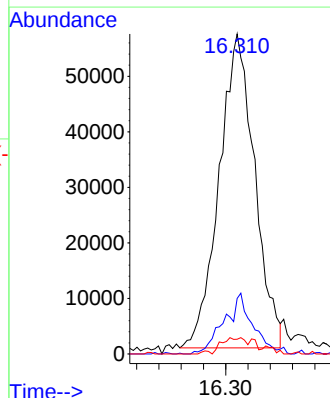
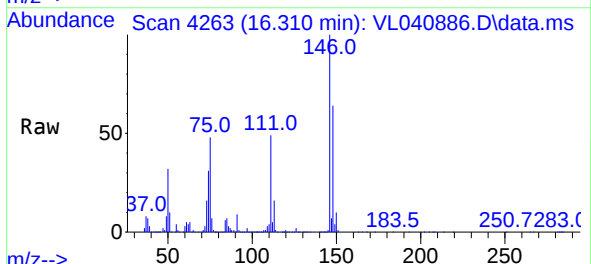
Manual Integrations
APPROVED

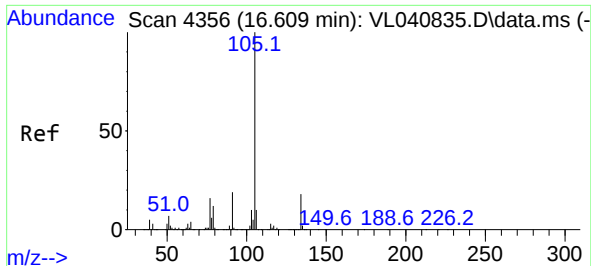
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#66
Benzyl Chloride
Concen: 10.831 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. 0.006 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

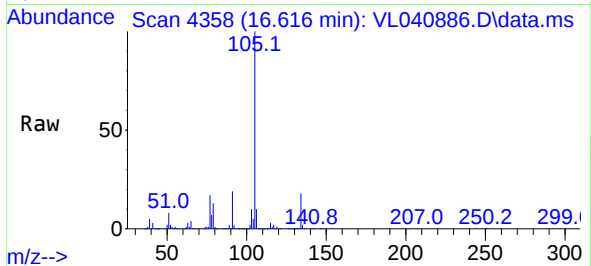
Tgt Ion: 91 Resp: 125047
Ion Ratio Lower Upper
91 100
126 16.0 12.8 19.2
128 5.6 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 9.725 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040886.D
 Acq: 16 Nov 2023 8:12

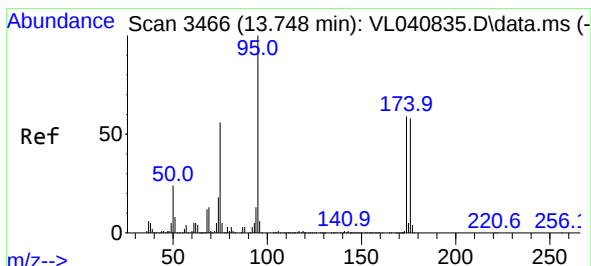
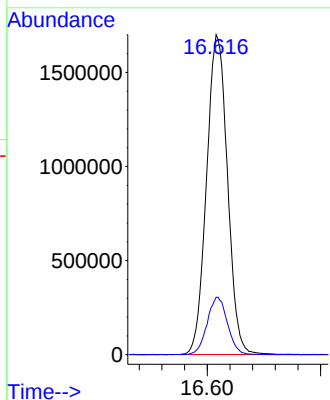
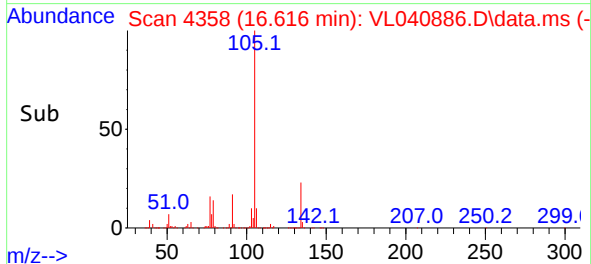
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



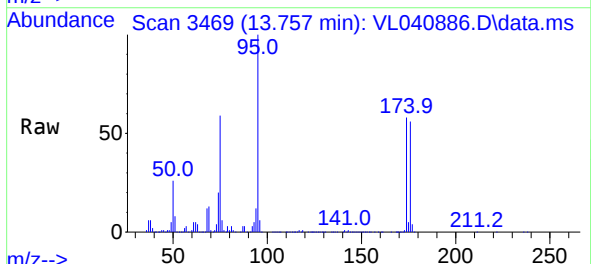
Tgt Ion:105 Resp: 435259
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.3 21.5

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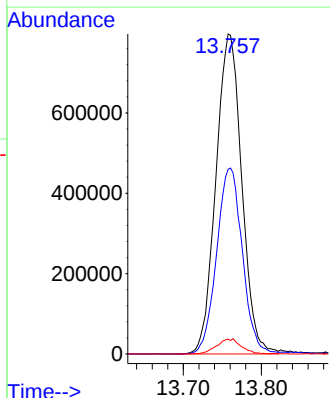
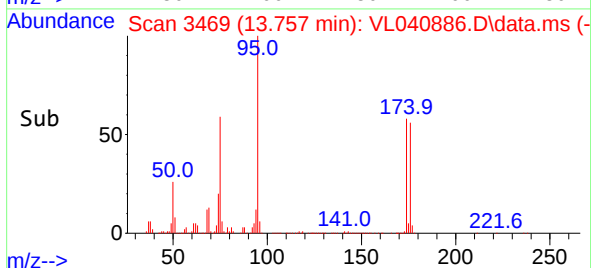
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

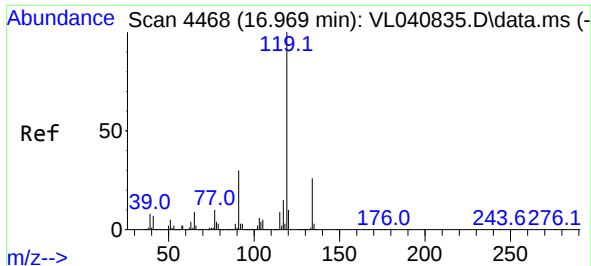


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.847 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. 0.010 min
 Lab File: VL040886.D
 Acq: 16 Nov 2023 8:12



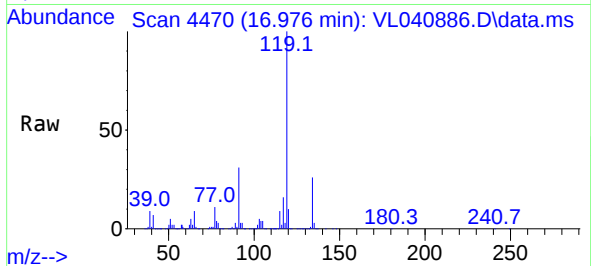
Tgt Ion: 95 Resp: 1833309
 Ion Ratio Lower Upper
 95 100
 174 58.6 47.5 71.3
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 9.771 ppbv
RT: 16.976 min Scan# 4468
Delta R.T. 0.006 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

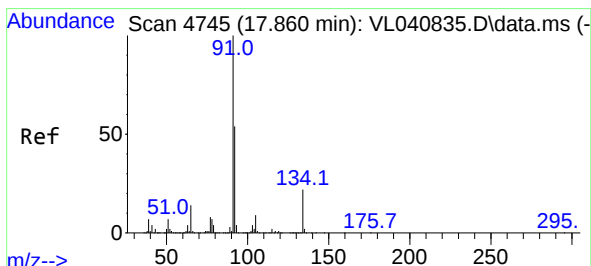
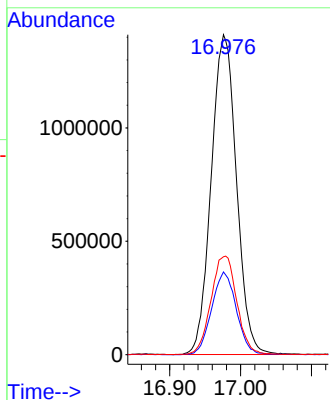
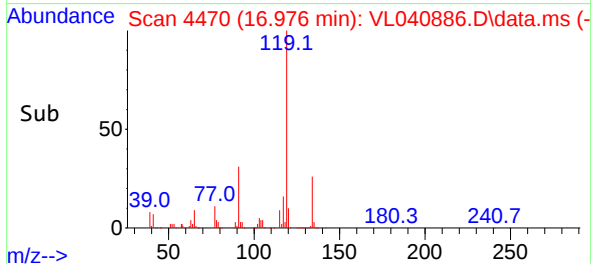
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



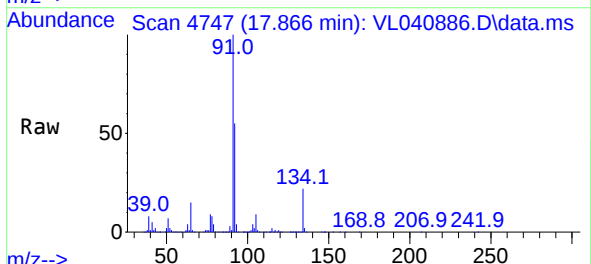
Tgt Ion:119 Resp: 3487459
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 31.7 24.7 37.1

Manual Integrations
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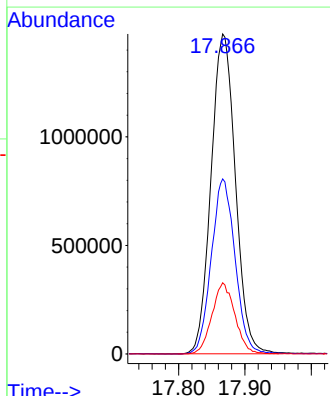
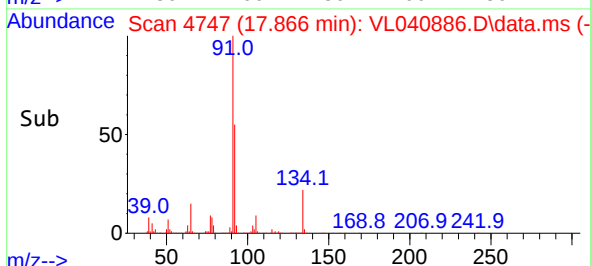
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

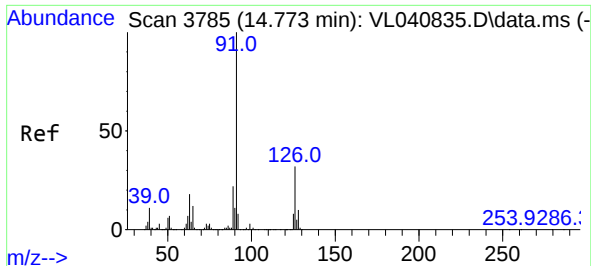


#70
n-Butylbenzene
Concen: 9.968 ppbv
RT: 17.866 min Scan# 4747
Delta R.T. 0.006 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



Tgt Ion: 91 Resp: 3756887
Ion Ratio Lower Upper
91 100
92 53.5 43.4 65.2
134 21.1 17.4 26.0





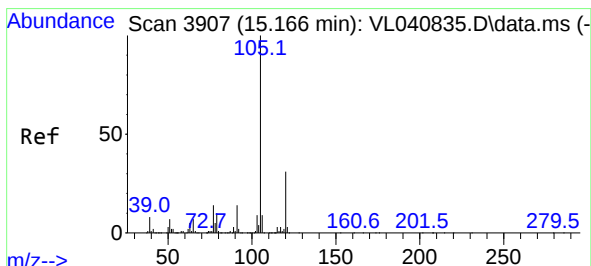
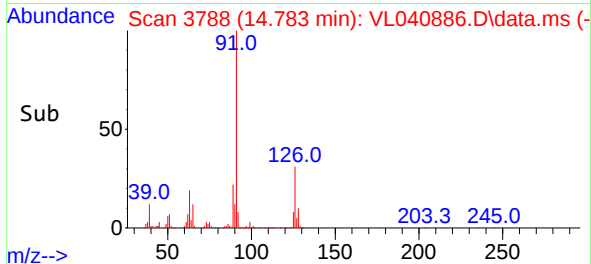
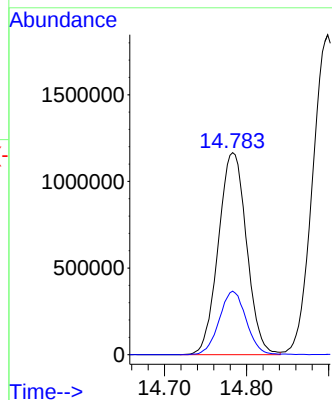
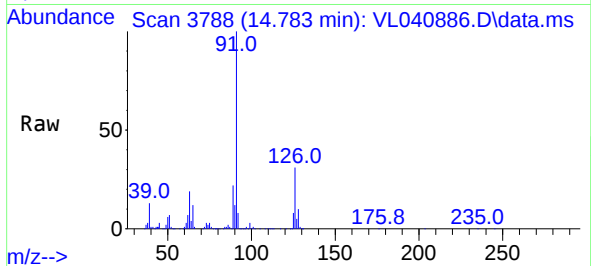
#71
2-Chlorotoluene
Concen: 9.843 ppbv
RT: 14.783 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 278826
Ion Ratio Lower Upper
91 100
126 30.2 12.1 48.5

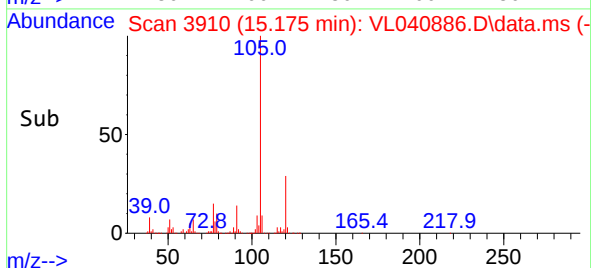
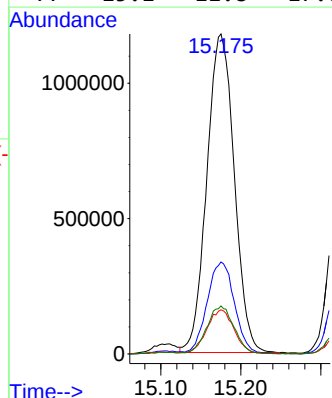
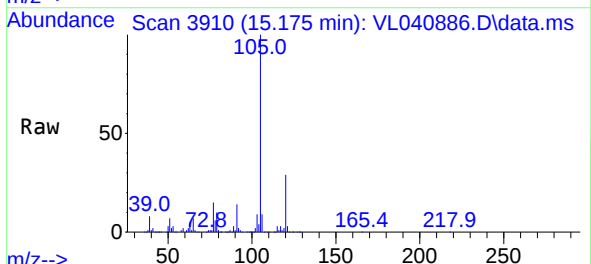
Manual Integrations
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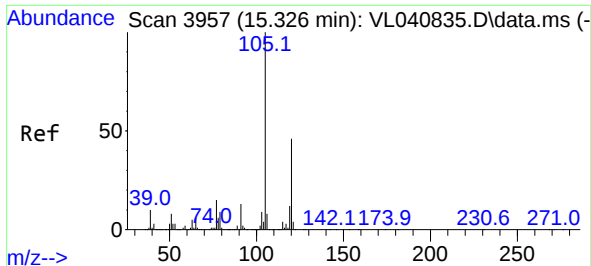
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#72
4-Ethyltoluene
Concen: 10.140 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Tgt Ion:105 Resp: 2803688
Ion Ratio Lower Upper
105 100
120 29.2 24.5 36.7
91 13.7 10.6 16.0
77 15.1 11.8 17.6





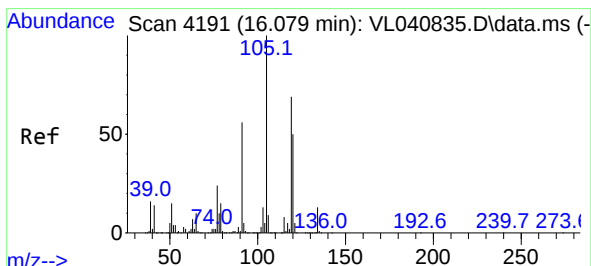
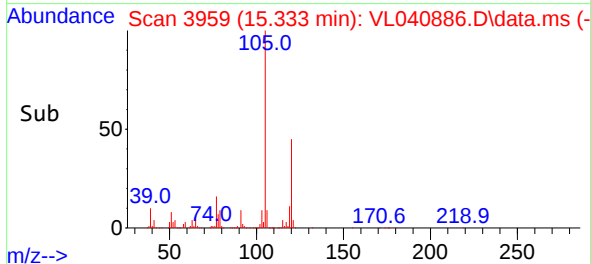
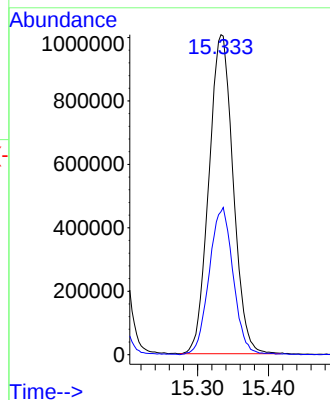
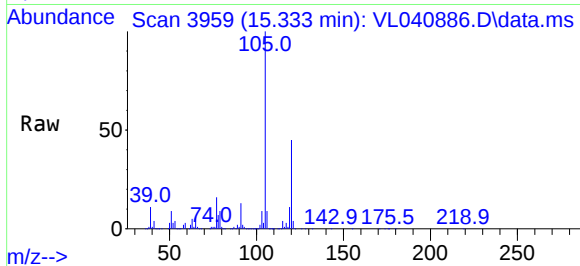
#73
1,3,5-Trimethylbenzene
Concen: 9.783 ppbv
RT: 15.333 min Scan# 3957
Delta R.T. 0.006 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 239232
Ion Ratio Lower Upper
105 100
120 44.8 36.8 55.2

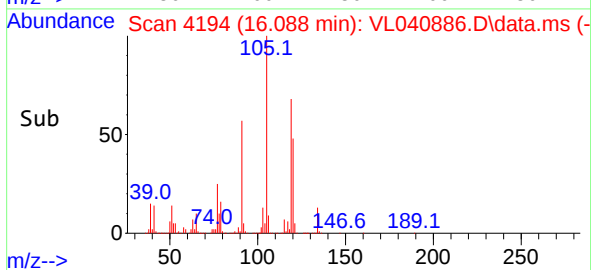
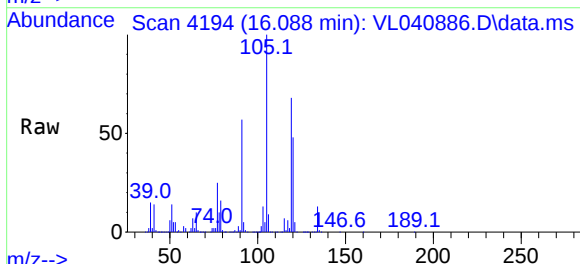
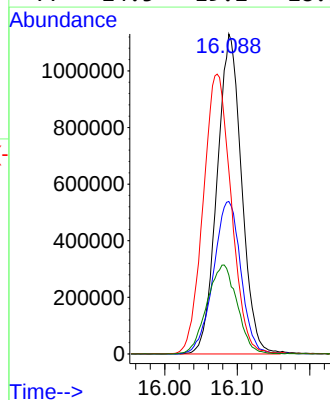
Manual Integrations
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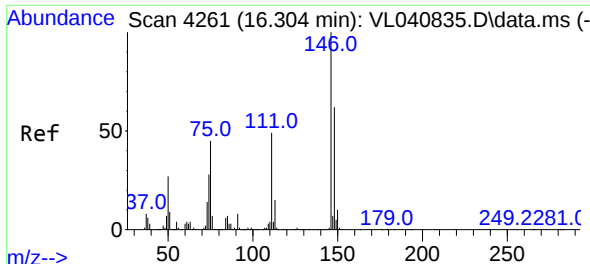
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.725 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

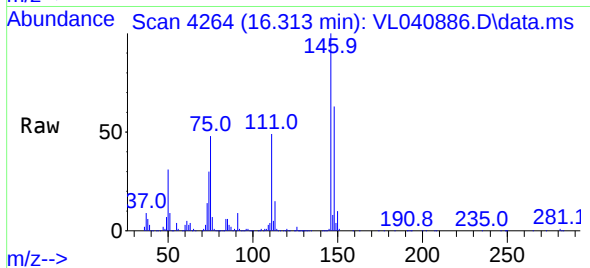
Tgt Ion:105 Resp: 2653797
Ion Ratio Lower Upper
105 100
120 47.5 40.2 60.2
91 57.0 45.7 68.5
77 24.5 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 9.870 ppbv
RT: 16.313 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

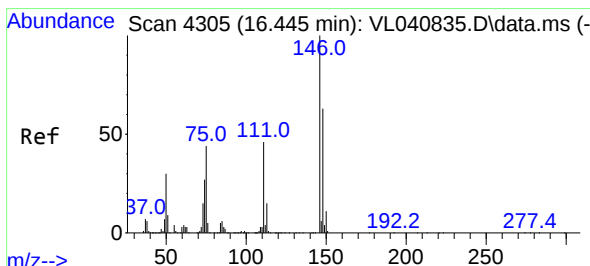
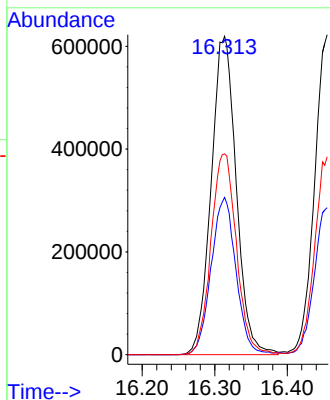
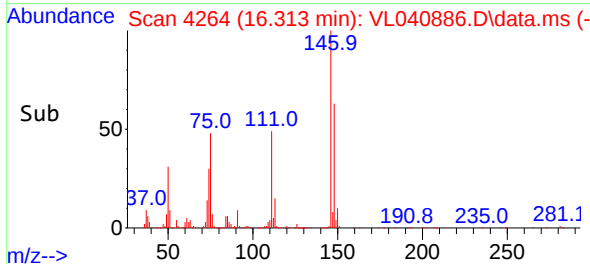
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



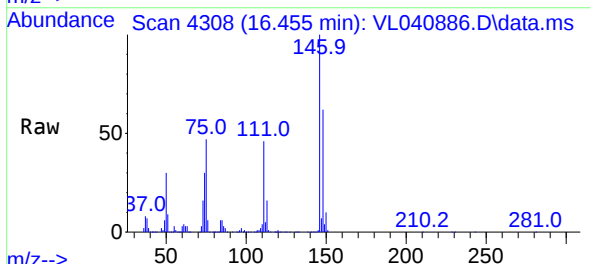
Tgt Ion:146 Resp: 148721
Ion Ratio Lower Upper
146 100
111 49.2 24.9 74.8
148 64.3 32.1 96.5

Manual Integrations
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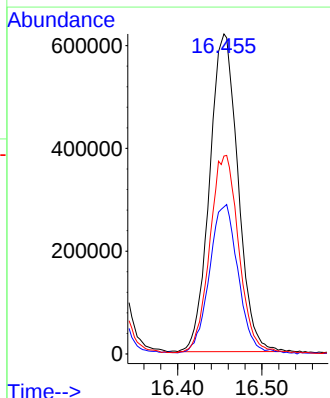
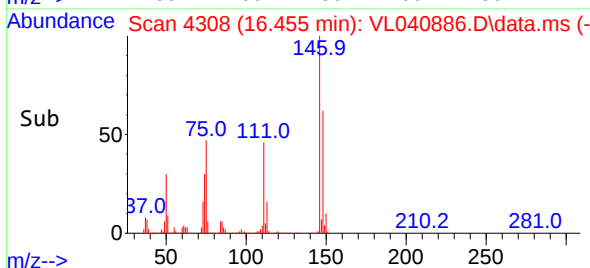
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

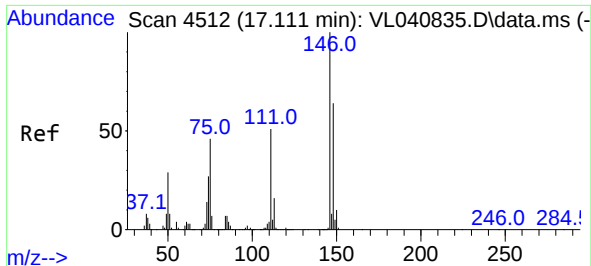


#76
1,4-Dichlorobenzene
Concen: 10.021 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



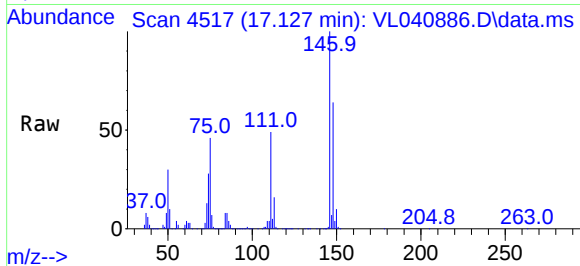
Tgt Ion:146 Resp: 1445609
Ion Ratio Lower Upper
146 100
111 48.0 24.1 72.4
148 64.6 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 9.537 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. 0.016 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

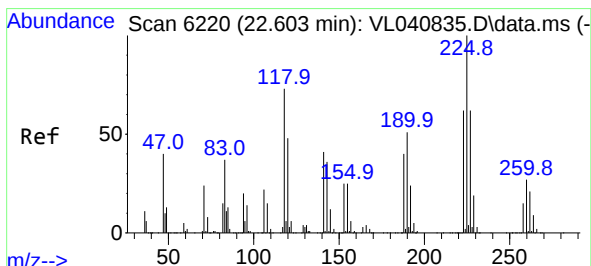
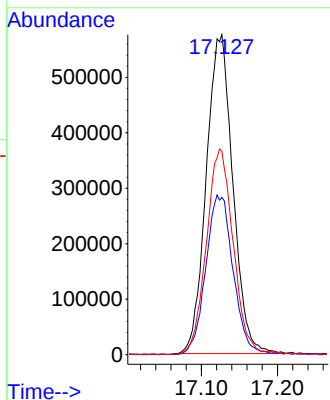
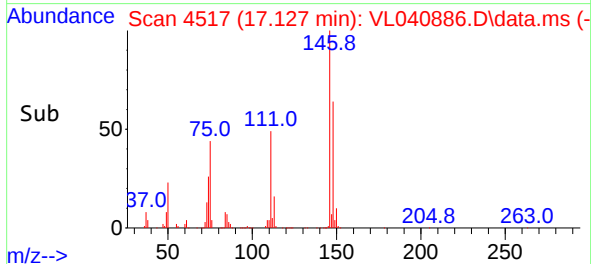
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



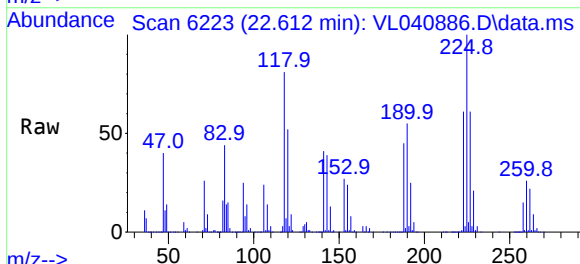
Tgt Ion:146 Resp: 139729
Ion Ratio Lower Upper
146 100
111 51.5 25.7 77.1
148 65.7 32.3 96.9

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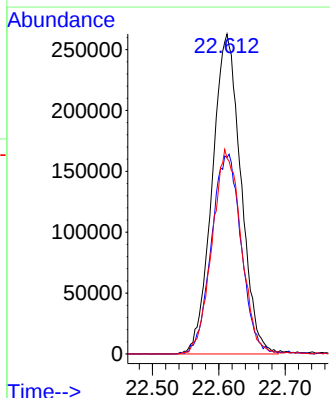
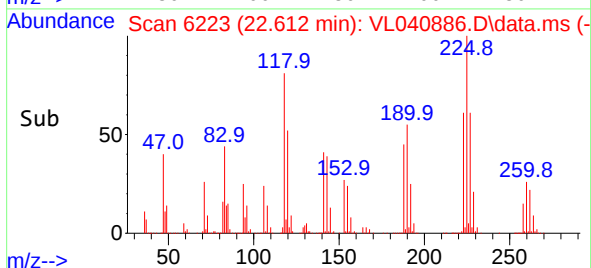
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

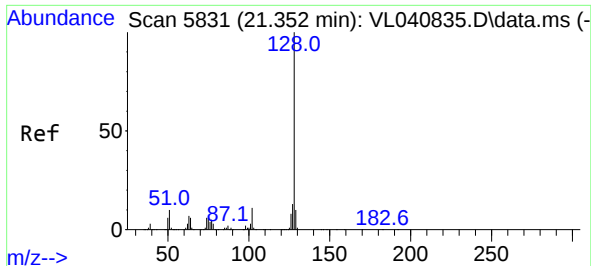


#78
Hexachloro-1,3-Butadiene
Concen: 8.595 ppbv
RT: 22.612 min Scan# 6223
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



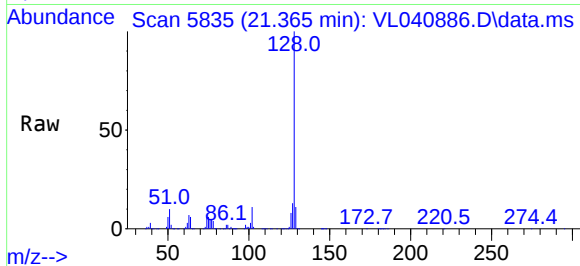
Tgt Ion:225 Resp: 788456
Ion Ratio Lower Upper
225 100
223 65.4 51.1 76.7
227 65.0 50.8 76.2





#79
Naphthalene
Concen: 12.627 ppbv
RT: 21.365 min Scan# 5835
Delta R.T. 0.013 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

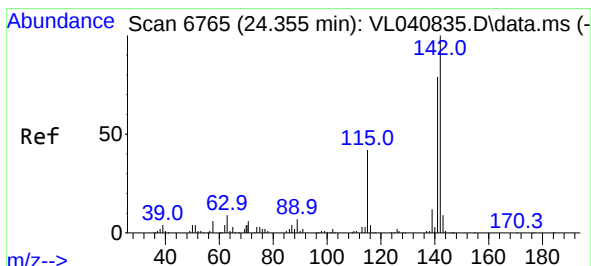
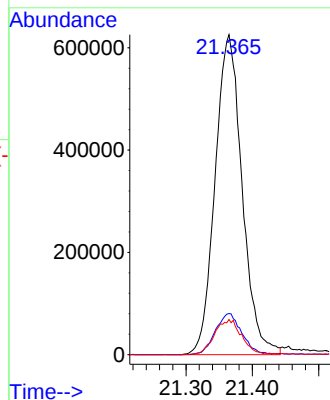
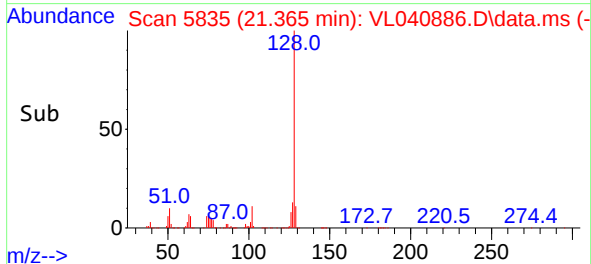
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



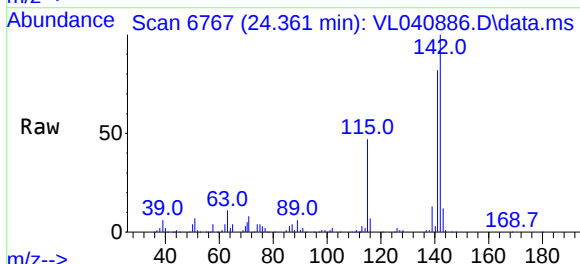
Tgt Ion:128 Resp: 177101
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.0 8.3 12.5

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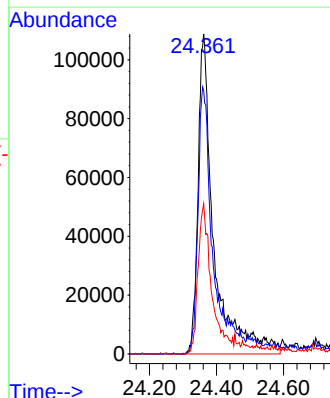
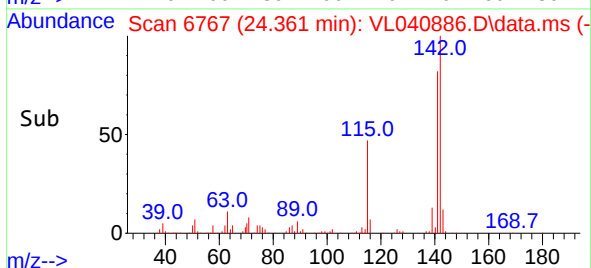
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

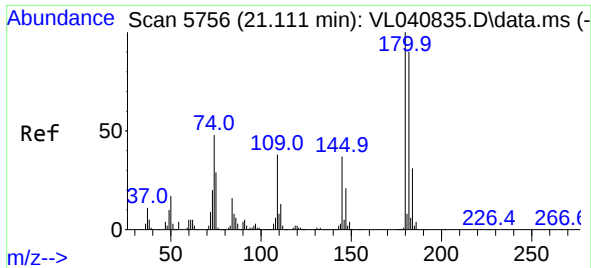


#80
Naphthalene,2-methyl-
Concen: 14.451 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. 0.006 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12



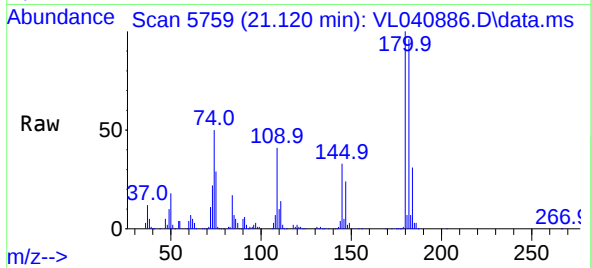
Tgt Ion:142 Resp: 357790
Ion Ratio Lower Upper
142 100
141 77.2 65.8 98.8
115 40.0 35.6 53.4





#81
1,2,4-Trichlorobenzene
Concen: 10.525 ppbv
RT: 21.120 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL040886.D
Acq: 16 Nov 2023 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 89742
Ion Ratio Lower Upper
180 100
182 97.4 77.6 116.4
184 30.9 24.2 36.2

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Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

