

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040890.D
 Acq On : 17 Nov 2023 11:24
 Operator : SY/MD
 Sample : VL1117ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1117ABS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 03:56:42 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Mon Nov 20 03:50:24 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	970480	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2386081	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2372194	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1817885	9.788	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.767	85	1909878	9.707	ppbv	100
3) Chlorodifluoromethane	2.713	51	1519977	9.810	ppbv	100
4) Chloromethane	2.851	50	552493	9.916	ppbv	99
5) Vinyl Chloride	2.957	62	567895	10.248	ppbv	98
6) Bromomethane	3.153	94	217200	10.268	ppbv	100
7) Chloroethane	3.230	64	196632	10.247	ppbv	89
8) Dichlorotetrafluoroethane	2.893	85	1400193	9.857	ppbv	99
9) Propene	2.732	41	523294	10.021	ppbv	97
10) Heptane	7.590	43	1267593	9.867	ppbv	99
11) Trichlorofluoromethane	3.594	101	1490098	9.857	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.092	101	1058169	9.854	ppbv	97
13) Ethanol	3.272	45	96646	9.531	ppbv #	100
14) Bromoethene	3.398	108	442358	10.241	ppbv	99
15) Acetone	3.497	43	1014217	9.812	ppbv	100
16) 1,3-Butadiene	3.021	39	557091	10.654	ppbv	100
17) tert-Butyl alcohol	3.906	59	888561	10.053	ppbv	99
18) 1,1-Dichloroethene	3.909	96	468136	9.780	ppbv	95
19) Isopropyl Alcohol	3.603	45	631654	10.155	ppbv	99
20) Methylene Chloride	3.960	84	419968	9.846	ppbv	98
21) Allyl Chloride	4.025	41	664105	10.040	ppbv	98
22) trans-1,2-Dichloroethene	4.468	96	484322	8.915	ppbv	95
23) Vinyl Acetate	4.648	43	1322162	9.906	ppbv	99
24) 1,1-Dichloroethane	4.587	63	1003023	8.432	ppbv	99
25) Ethyl Acetate	5.224	43	2226734	10.405	ppbv	99
26) Hexane	5.234	57	959668	10.132	ppbv	99
27) Carbon Disulfide	4.150	76	1212241	10.093	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	726635	8.483	ppbv	99
29) Chloroform	5.295	83	1599985	9.967	ppbv	99
30) Cyclohexane	6.619	84	782561	9.604	ppbv	98
31) cis-1,2-Dichloroethene	5.099	61	985774	10.517	ppbv	99
32) 1,1,1-Trichloroethane	6.021	97	1574380	10.512	ppbv	100
34) 2-Butanone	4.806	43	1359431	11.184	ppbv	99
35) Carbon Tetrachloride	6.510	117	1682738	11.494	ppbv	98
36) Benzene	6.385	78	1987691	10.264	ppbv	99
37) 1,2-Dichloroethane	5.825	62	1237886	10.838	ppbv	99
38) Trichloroethene	7.304	130	739544	9.825	ppbv	97
39) 1,2-Dichloropropane	7.086	63	779069	10.146	ppbv	97
40) 1,4-Dioxane	7.295	88	311796	10.234	ppbv #	98
41) Tetrahydrofuran	5.574	42	838999	11.211	ppbv	98
42) Bromodichloromethane	7.262	83	1778194	10.879	ppbv	97
43) Methyl Methacrylate	7.484	69	814155	11.033	ppbv	98
44) 2,2,4-Trimethylpentane	7.340	57	3300814	10.261	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	541578	12.489	ppbv	99

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1117ABS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 03:56:42 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 20 03:50:24 2023

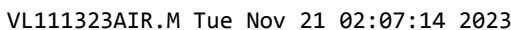
Response via : Initial Calibration

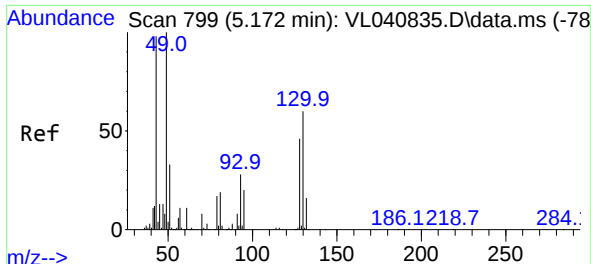
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	659109	11.722	ppbv	97
47) 1,1,2-Trichloroethane	8.905	97	825245	10.257	ppbv	98
48) Dibromochloromethane	9.716	129	1471341	11.021	ppbv	100
49) Bromoform	12.413	173	1172608	11.678	ppbv	100
50) 4-Methyl-2-Pentanone	8.188	43	2094331	11.133	ppbv	100
51) 2-Hexanone	9.558	43	1540184	11.615	ppbv #	99
52) Tetrachloroethene	10.622	164	666960	10.228	ppbv	96
53) Toluene	9.227	91	2252996	10.573	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1125777	10.873	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.513	131	1049534	10.337	ppbv	96
57) Chlorobenzene	11.532	112	1712920	9.742	ppbv	98
58) Ethyl Benzene	12.092	91	3068250	9.913	ppbv	96
59) m/p-Xylene	12.378	91	5200576m	19.731	ppbv	
60) o-Xylene	13.063	91	2474966	9.864	ppbv	98
61) Styrene	12.902	104	1267338	10.474	ppbv	99
62) Isopropylbenzene	14.034	105	3598272	9.707	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	1799851	10.121	ppbv	100
64) n-propylbenzene	14.918	120	919754	9.900	ppbv	96
65) tert-Butylbenzene	16.092	119	3121333	9.986	ppbv	98
66) Benzyl Chloride	16.333	91	125452	10.892	ppbv #	97
67) sec-Butylbenzene	16.638	105	4384380	9.819	ppbv	99
69) p-Isopropyltoluene	16.998	119	3520700	9.889	ppbv	100
70) n-Butylbenzene	17.886	91	3789494	10.079	ppbv	99
71) 2-Chlorotoluene	14.806	91	2816052	9.965	ppbv	99
72) 4-Ethyltoluene	15.195	105	2838372	10.290	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	2418552	9.915	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	2672629	9.818	ppbv	97
75) 1,3-Dichlorobenzene	16.333	146	1501379	9.988	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	1476176	10.258	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1434970	9.818	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	809564	8.847	ppbv	99
79) Naphthalene	21.381	128	1808130	12.923	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	373225	15.111	ppbv	98
81) 1,2,4-Trichlorobenzene	21.140	180	920397	10.820	ppbv	100

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

Manual Integrations

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Nov 20 03:50:24 2023
Response via : Initial Calibration





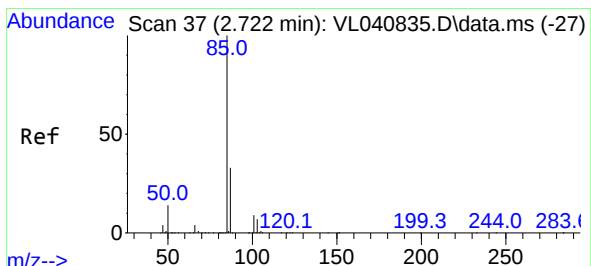
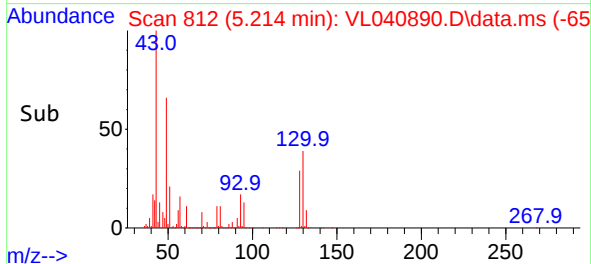
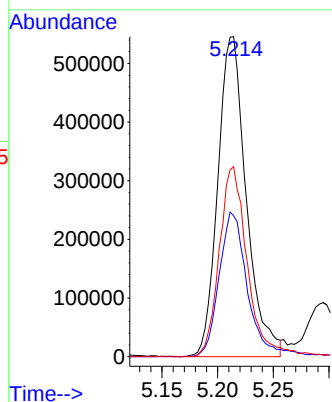
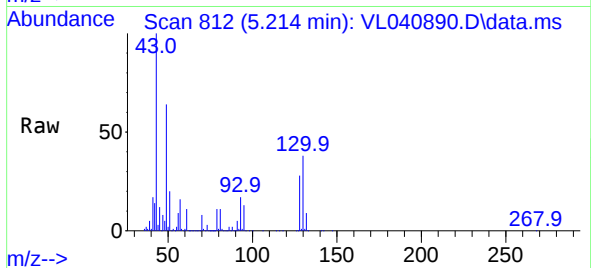
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion: 49 Resp: 970480
Ion Ratio Lower Upper
49 100
128 46.1 23.8 71.2
130 59.7 30.9 92.8

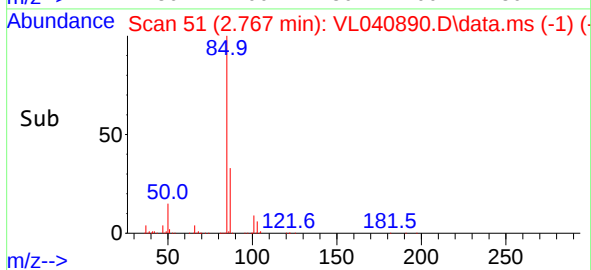
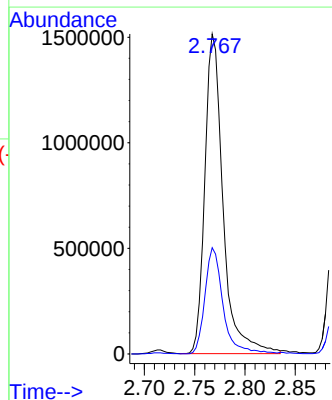
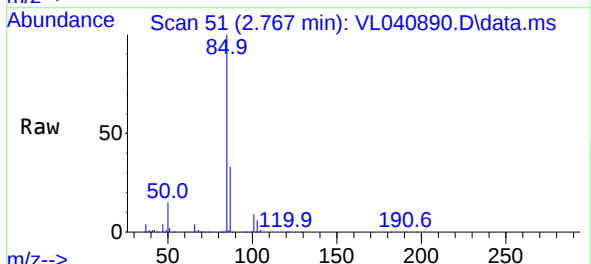
Manual Integrations
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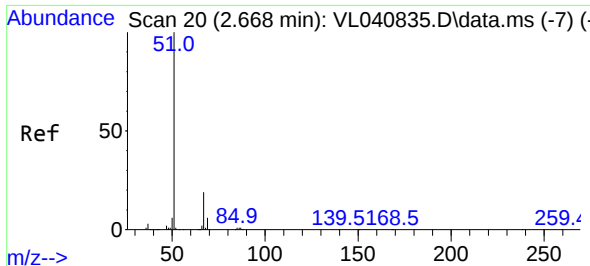
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#2
Dichlorodifluoromethane
Concen: 9.707 ppbv
RT: 2.767 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

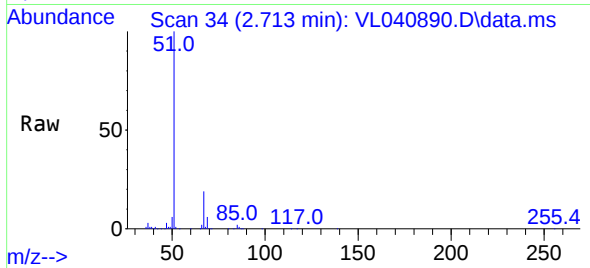
Tgt Ion: 85 Resp: 1909878
Ion Ratio Lower Upper
85 100
87 33.1 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.810 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

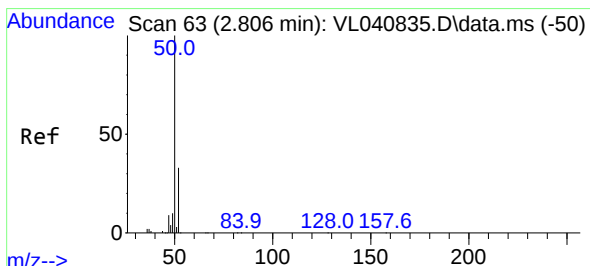
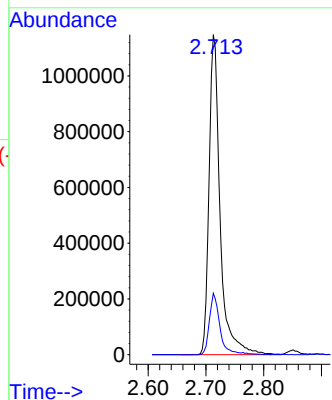
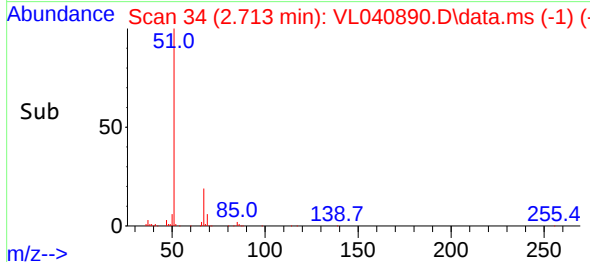
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



Tgt Ion: 51 Resp: 151997
Ion Ratio Lower Upper
51 100
67 18.6 15.0 22.4

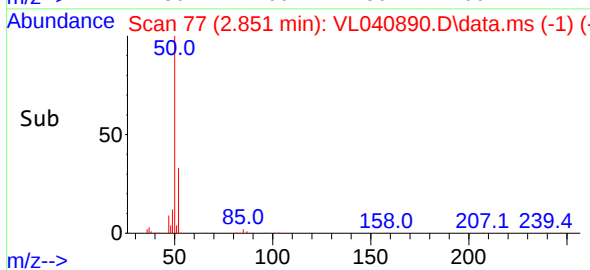
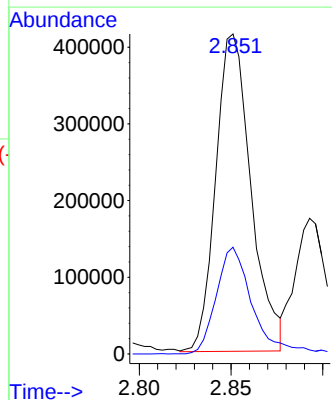
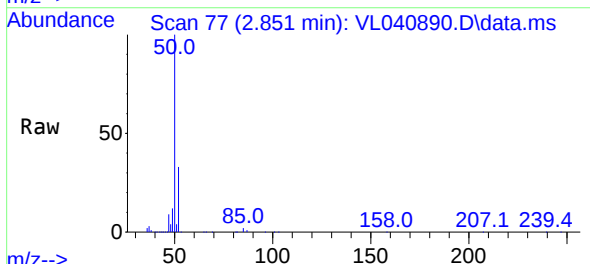
Manual Integrations
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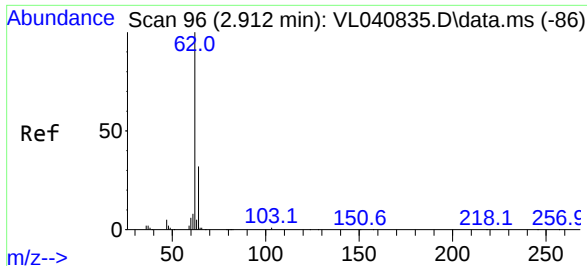
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#4
Chloromethane
Concen: 9.916 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

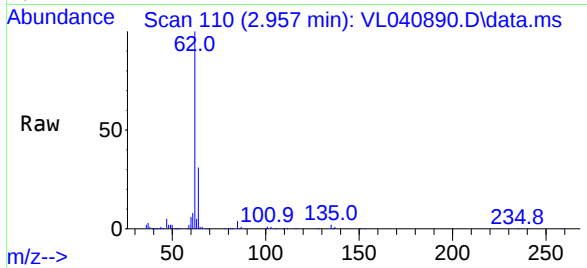
Tgt Ion: 50 Resp: 552493
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7





#5
 Vinyl Chloride
 Concen: 10.248 ppbv
 RT: 2.957 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

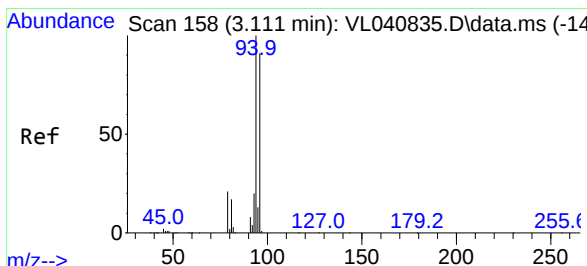
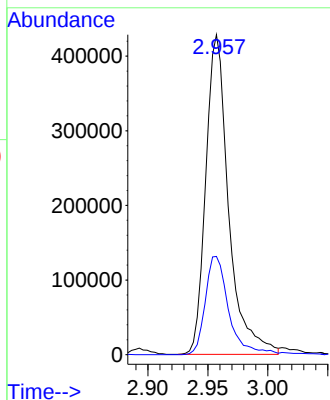
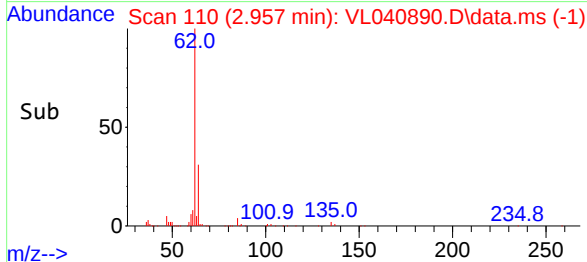
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1117ABS01



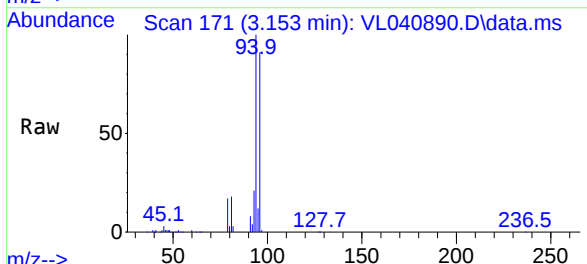
Tgt Ion: 62 Resp: 56789
 Ion Ratio Lower Upper
 62 100
 64 30.7 25.4 38.2

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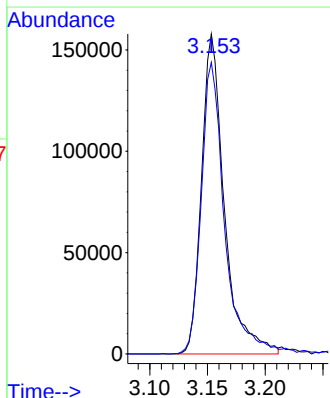
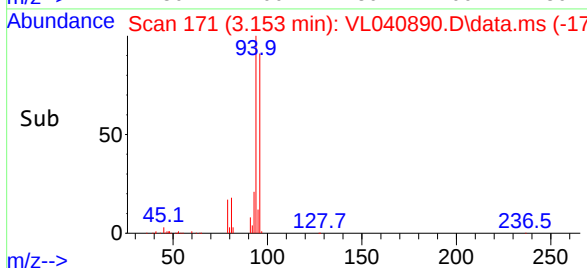
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

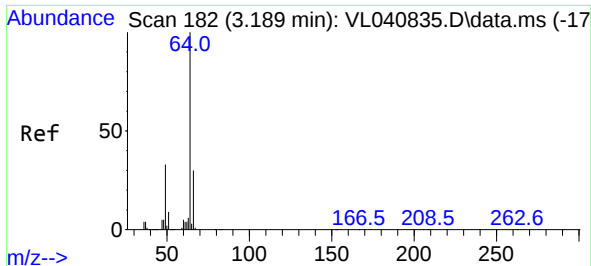


#6
 Bromomethane
 Concen: 10.268 ppbv
 RT: 3.153 min Scan# 171
 Delta R.T. -0.003 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24



Tgt Ion: 94 Resp: 217200
 Ion Ratio Lower Upper
 94 100
 96 91.0 73.0 109.4





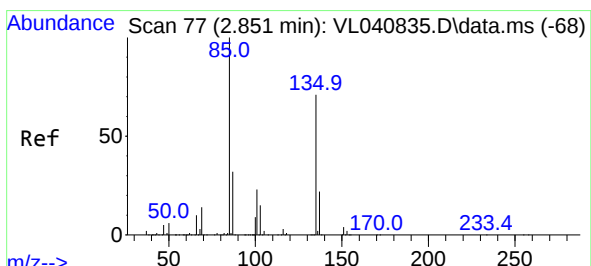
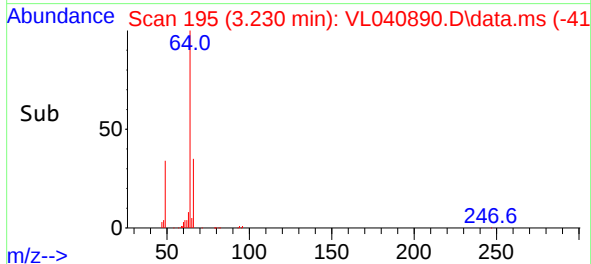
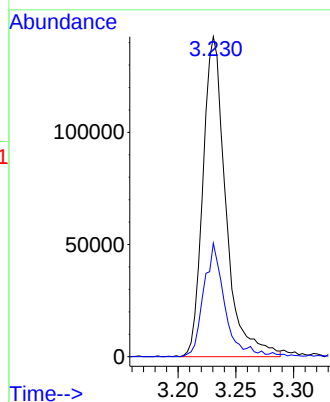
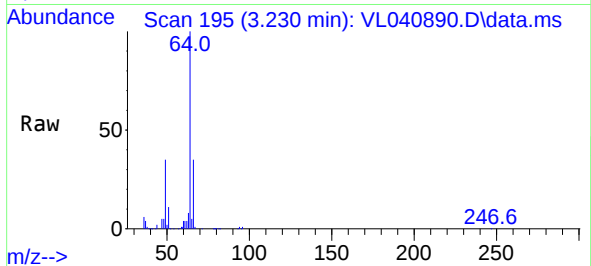
#7
Chloroethane
Concen: 10.247 ppbv
RT: 3.230 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion: 64 Resp: 196632
Ion Ratio Lower Upper
64 100
66 35.5 23.8 35.6

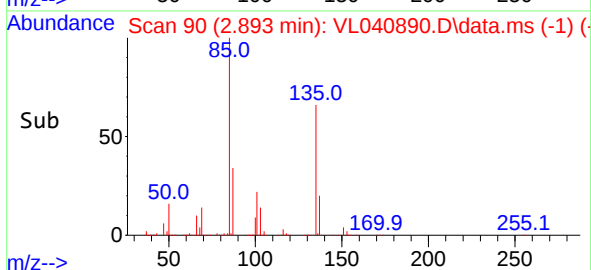
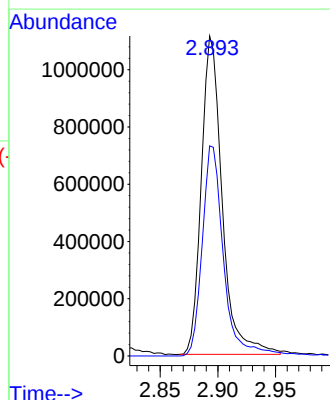
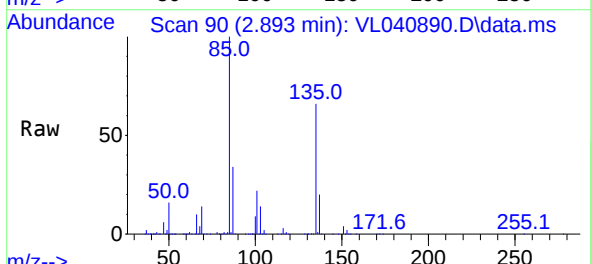
Manual Integrations
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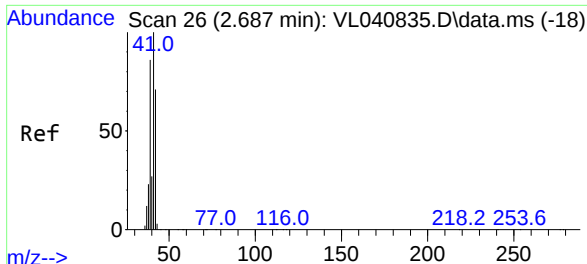
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#8
Dichlorotetrafluoroethane
Concen: 9.857 ppbv
RT: 2.893 min Scan# 90
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

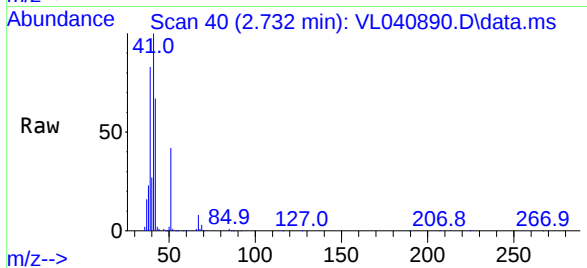
Tgt Ion: 85 Resp: 1400193
Ion Ratio Lower Upper
85 100
135 68.1 55.3 82.9





#9
Propene
Concen: 10.021 ppbv
RT: 2.732 min Scan# 40
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

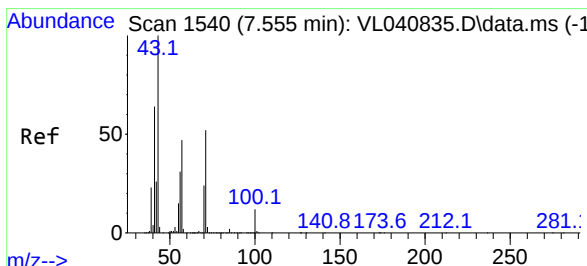
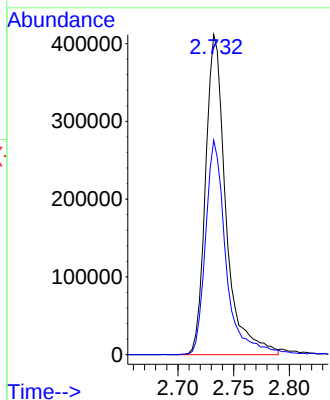
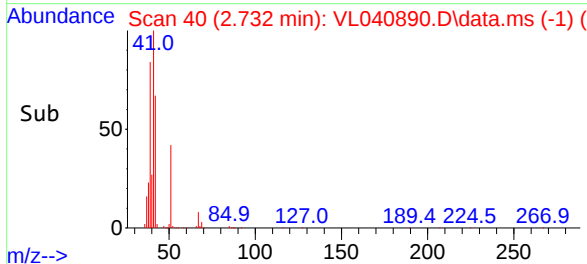
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



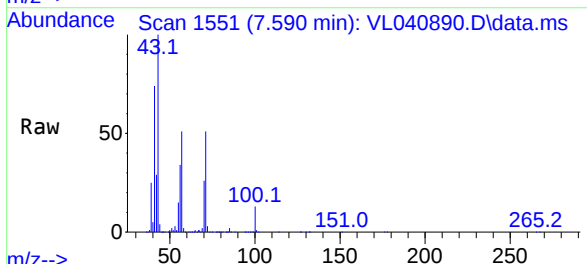
Tgt Ion: 41 Resp: 523294
Ion Ratio Lower Upper
41 100
42 68.1 56.5 84.7

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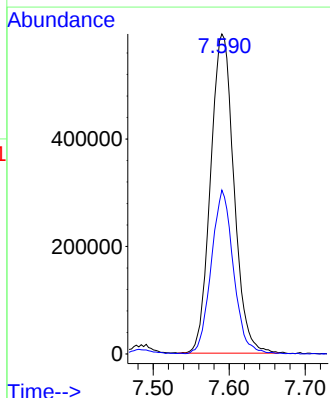
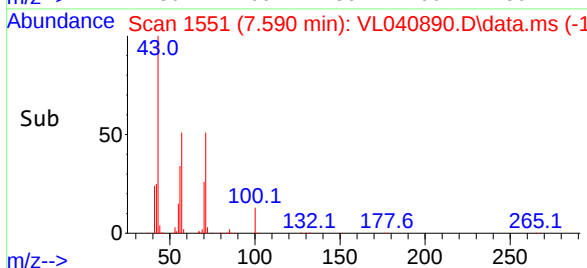
Reviewed By :Semsettin Yesilyurt 11/20/2023
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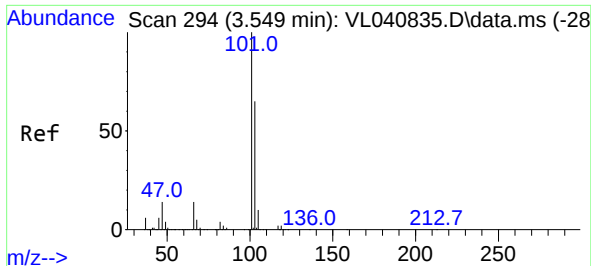


#10
Heptane
Concen: 9.867 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



Tgt Ion: 43 Resp: 1267593
Ion Ratio Lower Upper
43 100
57 48.7 39.4 59.0





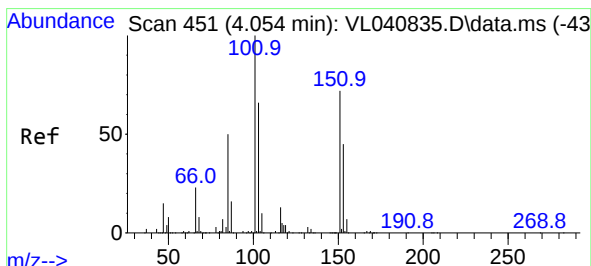
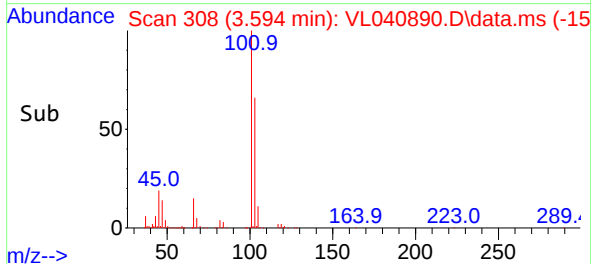
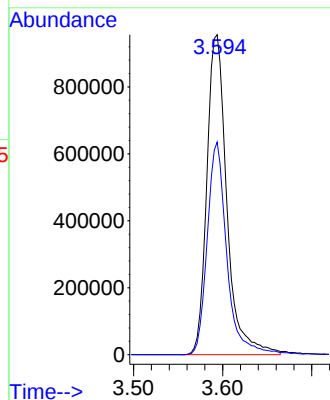
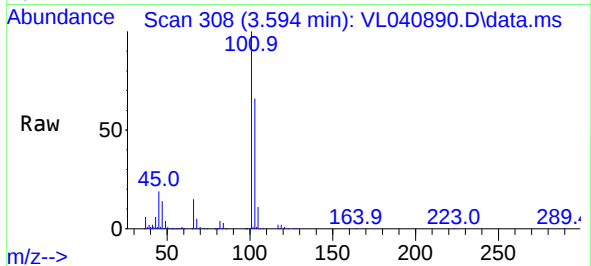
#11
Trichlorofluoromethane
Concen: 9.857 ppbv
RT: 3.594 min Scan# 308
Delta R.T. -0.000 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument : MSVOA_L
ClientSampleId : VL1117ABS01

Tgt Ion:101 Resp: 1490098
Ion Ratio Lower Upper
101 100
103 66.5 51.8 77.8

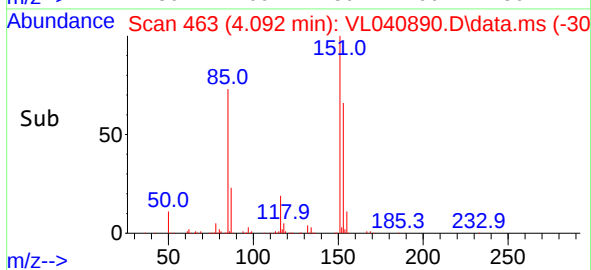
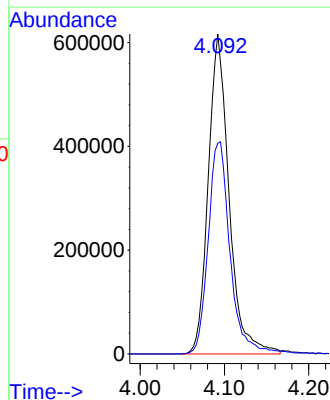
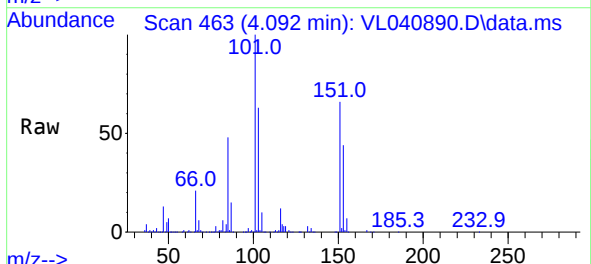
Manual Integrations
APPROVED

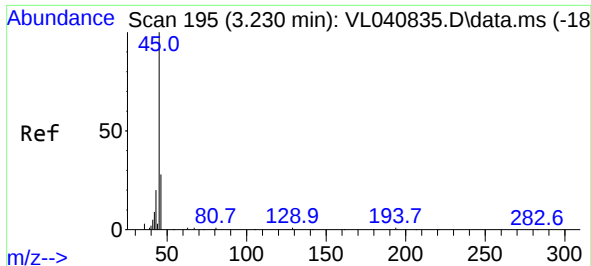
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.854 ppbv
RT: 4.092 min Scan# 463
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

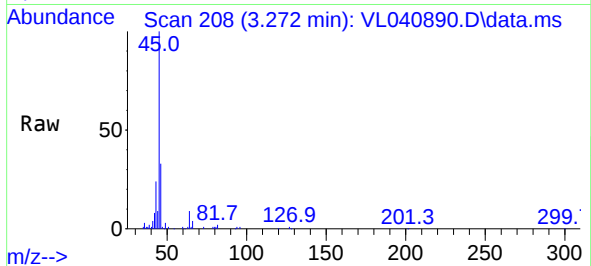
Tgt Ion:101 Resp: 1058169
Ion Ratio Lower Upper
101 100
151 70.1 57.8 86.6





#13
Ethanol
Concen: 9.531 ppbv
RT: 3.272 min Scan# 208
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

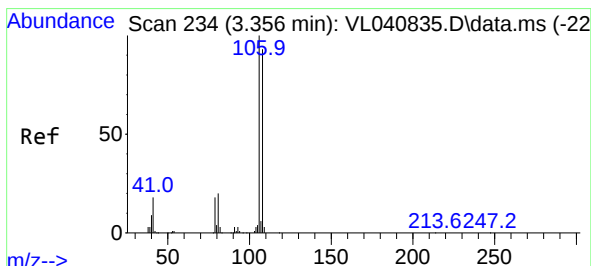
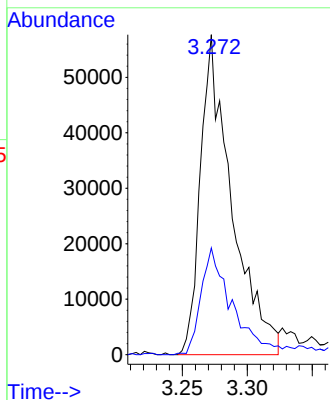
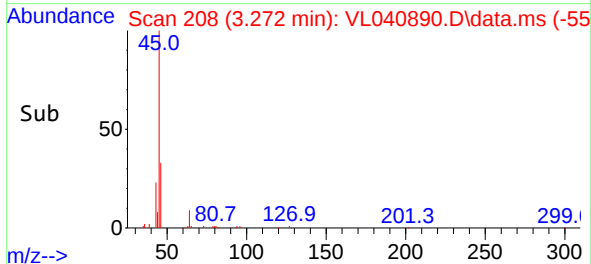
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



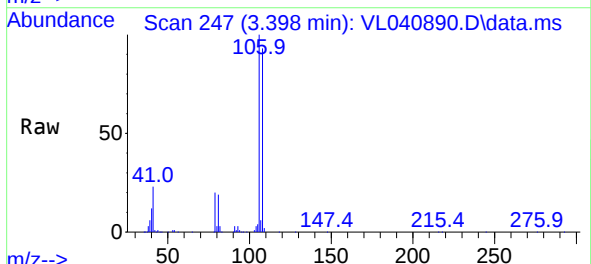
Tgt Ion: 45 Resp: 96640
Ion Ratio Lower Upper
45 100
46 36.8 0.0 0.0

Manual Integrations
APPROVED

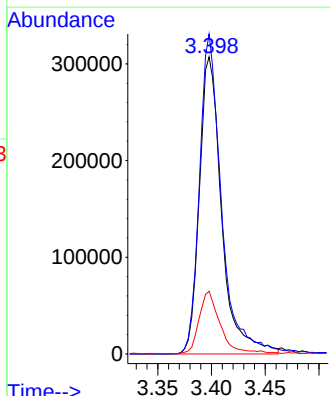
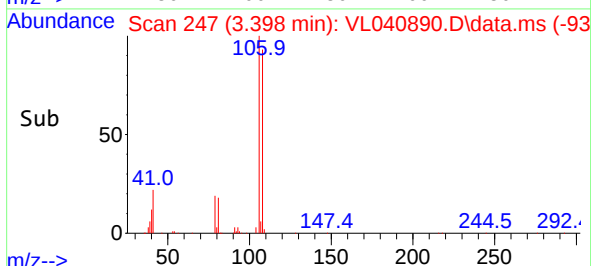
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

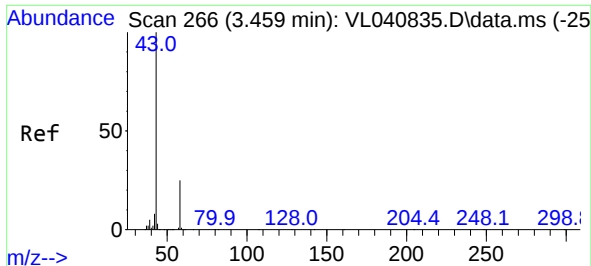


#14
Bromoethene
Concen: 10.241 ppbv
RT: 3.398 min Scan# 247
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



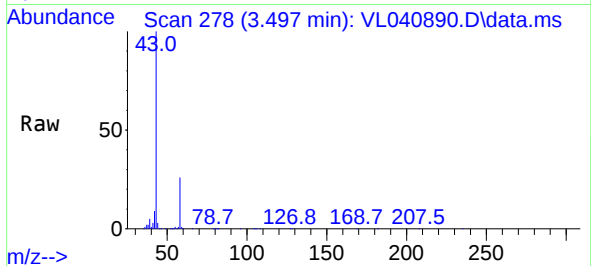
Tgt Ion:108 Resp: 442358
Ion Ratio Lower Upper
108 100
106 108.1 85.4 128.2
79 20.8 16.7 25.1





#15
Acetone
Concen: 9.812 ppbv
RT: 3.497 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

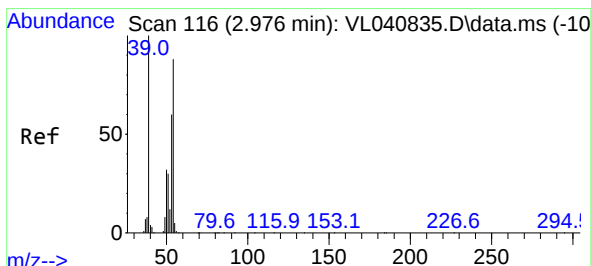
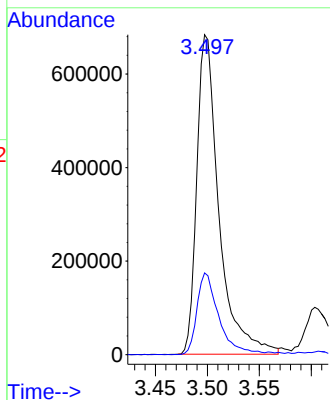
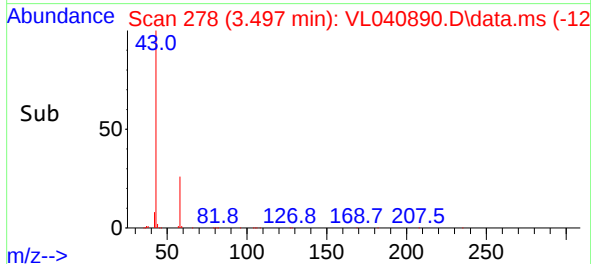
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



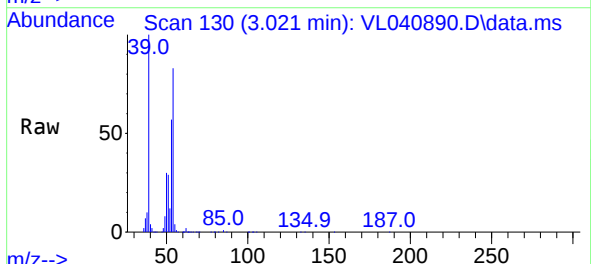
Tgt Ion: 43 Resp: 101421
Ion Ratio Lower Upper
43 100
58 25.9 20.9 31.3

Manual Integrations
APPROVED

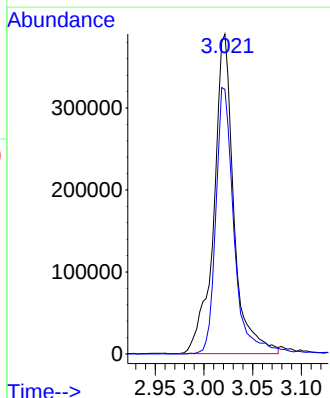
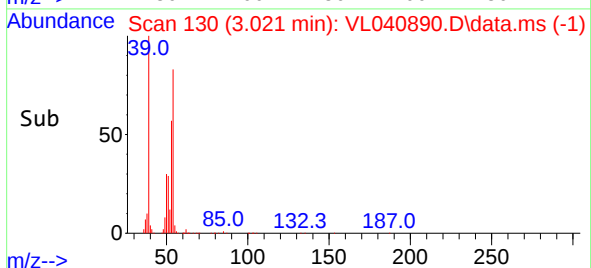
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

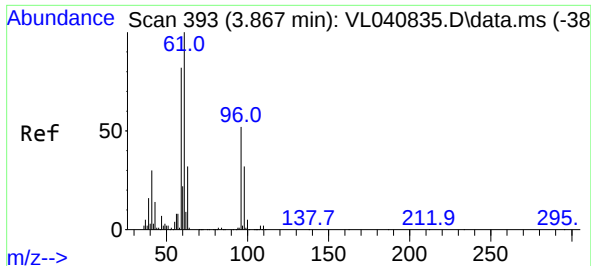


#16
1,3-Butadiene
Concen: 10.654 ppbv
RT: 3.021 min Scan# 130
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



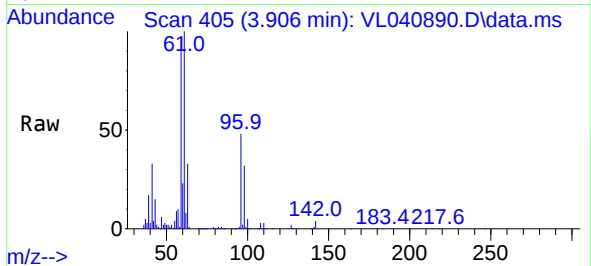
Tgt Ion: 39 Resp: 557091
Ion Ratio Lower Upper
39 100
54 76.9 61.8 92.6





#17
tert-Butyl alcohol
Concen: 10.053 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

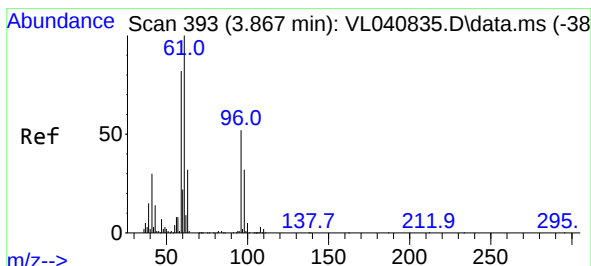
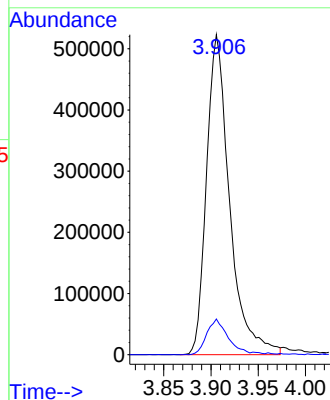
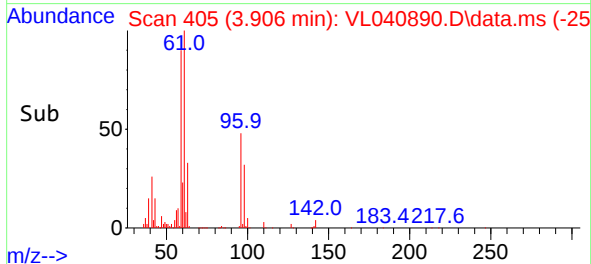
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



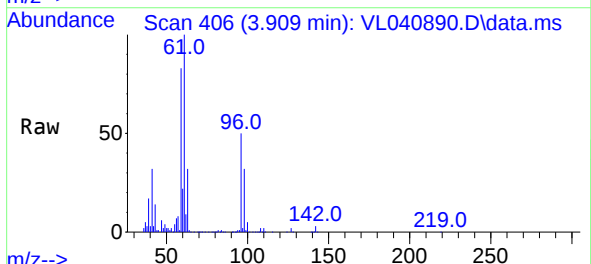
Tgt Ion: 59 Resp: 88856
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4

Manual Integrations
APPROVED

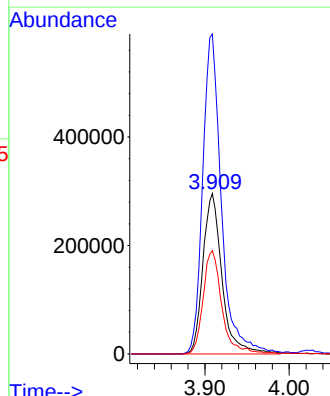
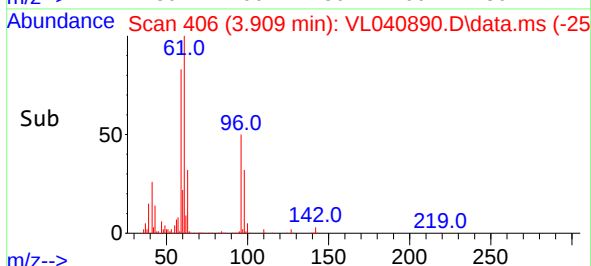
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

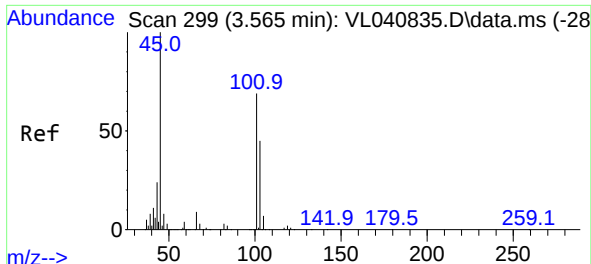


#18
1,1-Dichloroethene
Concen: 9.780 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



Tgt Ion: 96 Resp: 468136
Ion Ratio Lower Upper
96 100
61 199.4 152.6 228.8
98 64.5 49.2 73.8





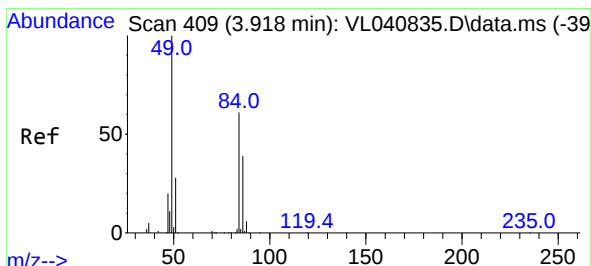
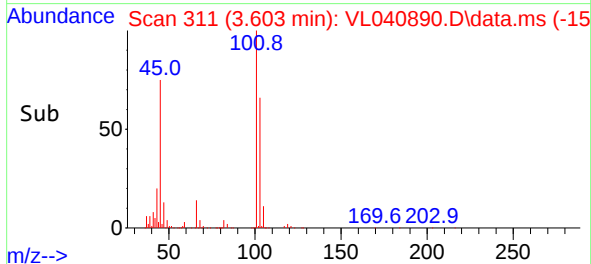
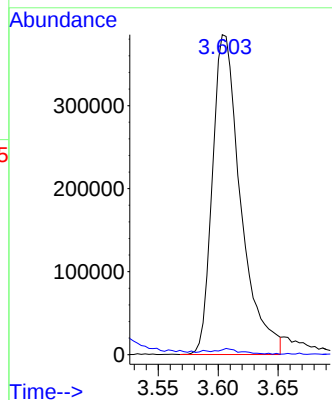
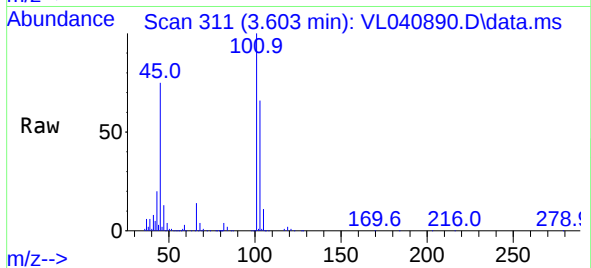
#19
Isopropyl Alcohol
Concen: 10.155 ppbv
RT: 3.603 min Scan# 311
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion: 45 Resp: 631654
Ion Ratio Lower Upper
45 100
58 2.2 1.6 2.4

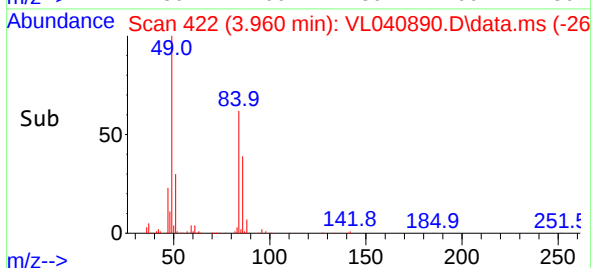
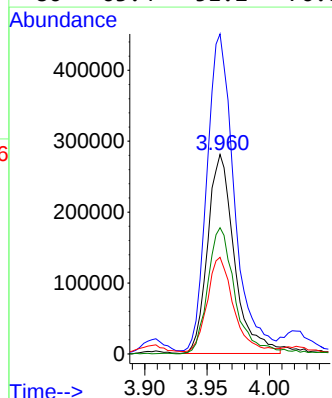
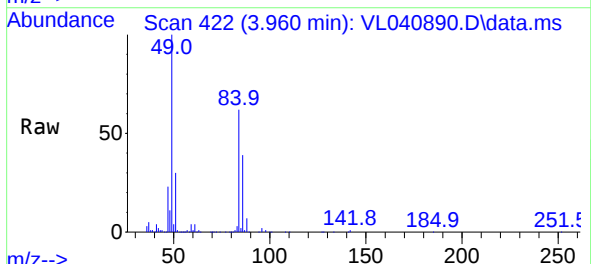
Manual Integrations
APPROVED

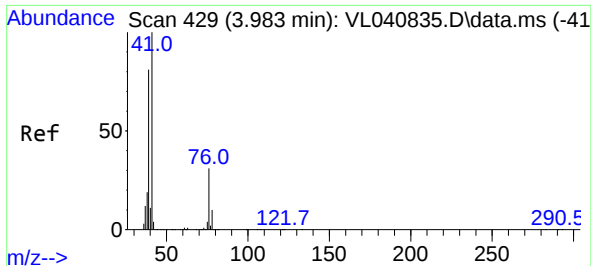
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#20
Methylene Chloride
Concen: 9.846 ppbv
RT: 3.960 min Scan# 422
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 84 Resp: 419968
Ion Ratio Lower Upper
84 100
49 159.2 131.0 196.4
51 47.3 36.9 55.3
86 63.4 51.2 76.8





#21

Allyl Chloride

Concen: 10.040 ppbv

RT: 4.025 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

Tgt Ion: 41 Resp: 66410

Ion Ratio Lower Upper

41 100

76 30.8 24.4 36.6

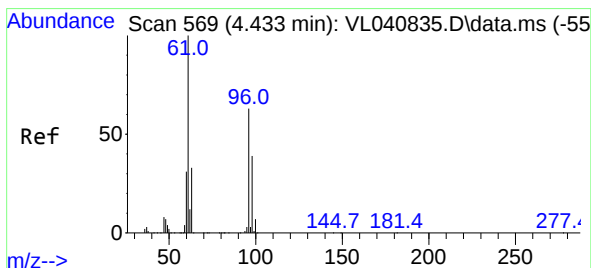
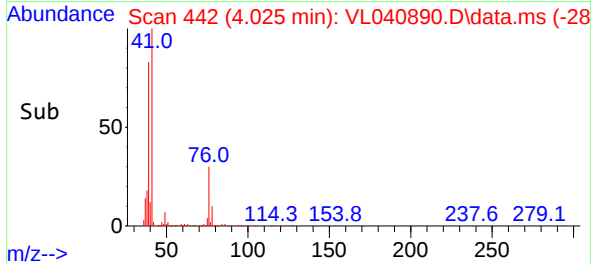
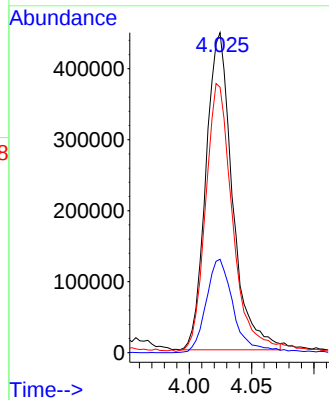
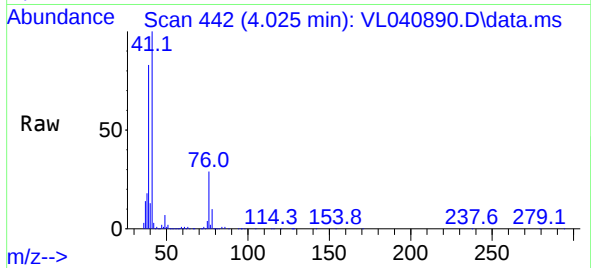
39 87.2 68.1 102.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#22

trans-1,2-Dichloroethene

Concen: 8.915 ppbv

RT: 4.468 min Scan# 580

Delta R.T. -0.000 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

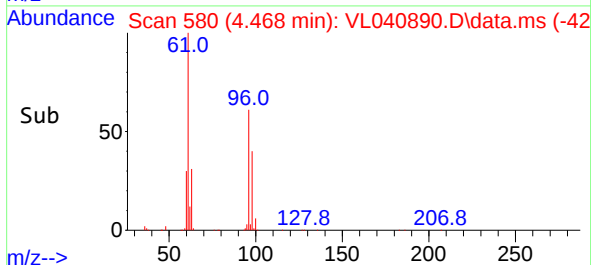
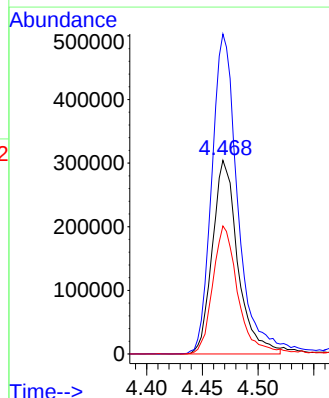
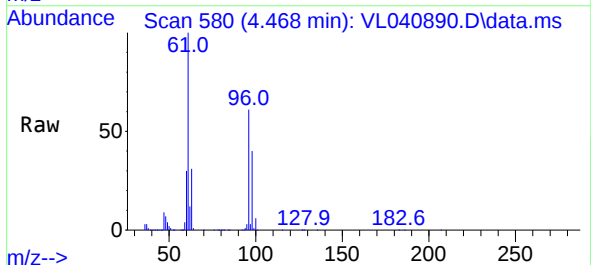
Tgt Ion: 96 Resp: 484322

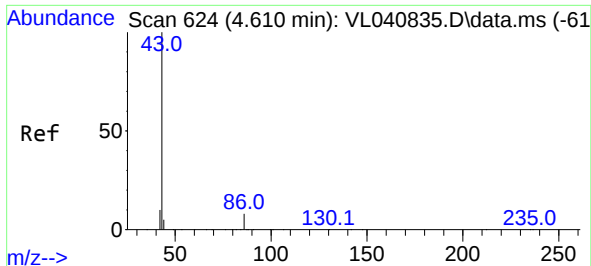
Ion Ratio Lower Upper

96 100

61 165.2 126.8 190.2

98 66.1 49.9 74.9





#23
 Vinyl Acetate
 Concen: 9.906 ppbv
 RT: 4.648 min Scan# 617
 Delta R.T. -0.000 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

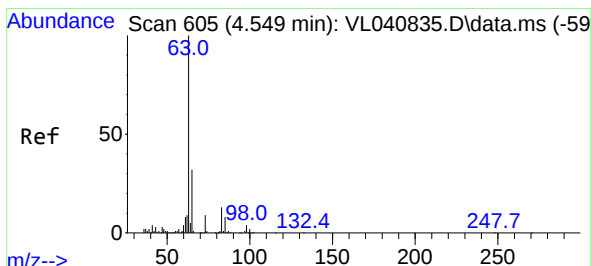
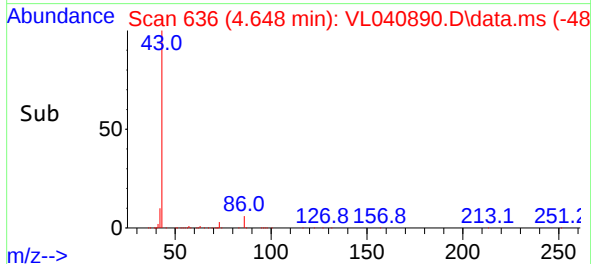
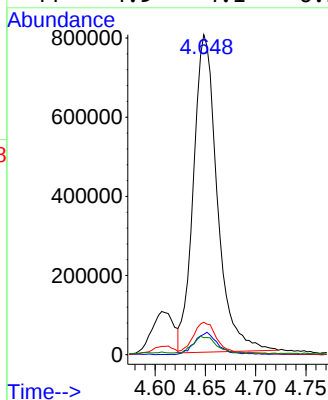
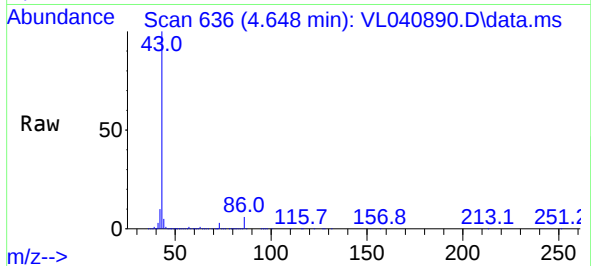
VL1117ABS01

Tgt Ion: 43 Resp: 132216
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.5 8.3
 42 10.0 8.2 12.2
 44 4.9 4.1 6.1

Manual Integrations

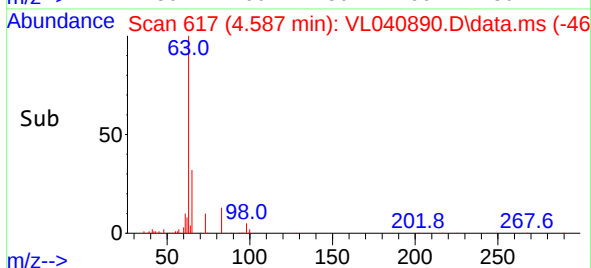
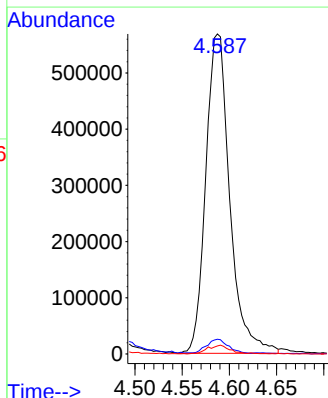
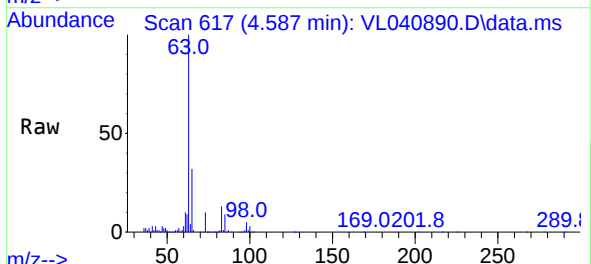
APPROVED

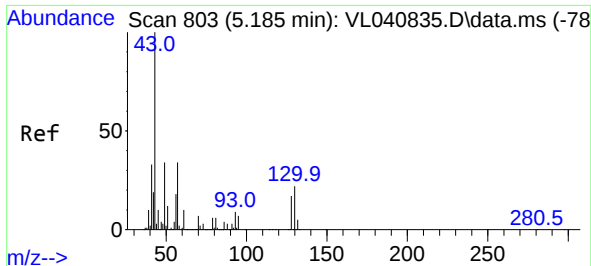
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#24
 1,1-Dichloroethane
 Concen: 8.432 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. -0.000 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Tgt Ion: 63 Resp: 1003023
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.2 6.6
 100 2.5 1.0 3.0





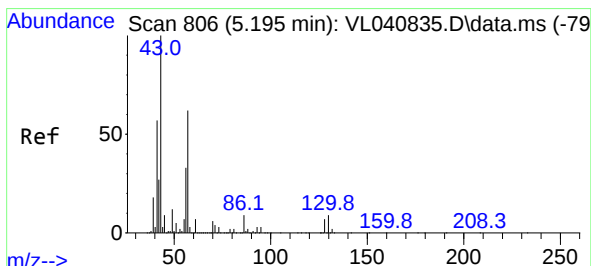
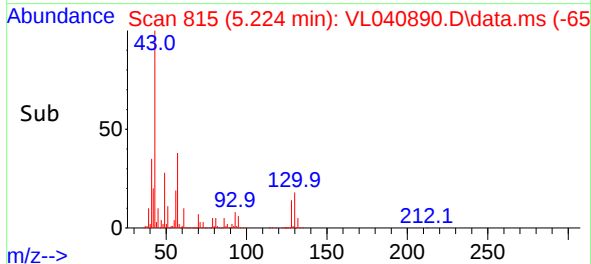
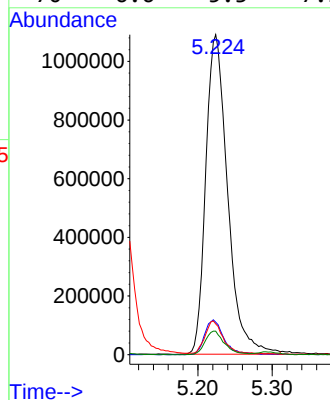
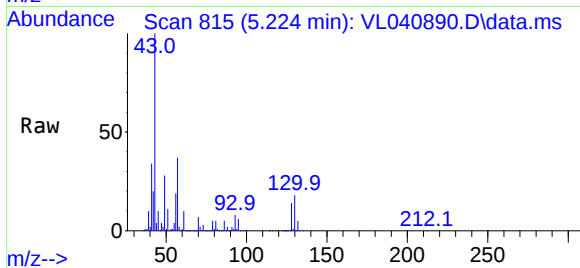
#25
Ethyl Acetate
Concen: 10.405 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion: 43 Resp: 2226734
Ion Ratio Lower Upper
43 100
45 9.9 8.1 12.1
61 9.4 7.8 11.6
70 6.6 5.3 7.9

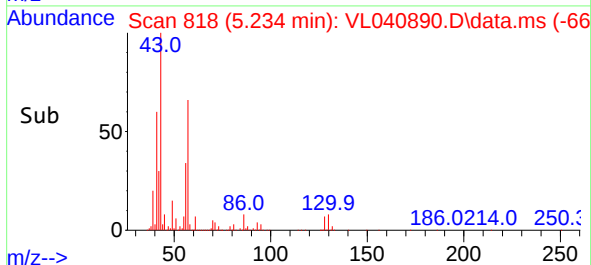
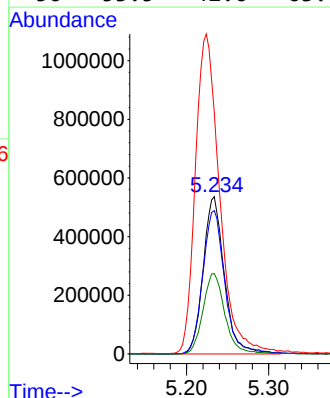
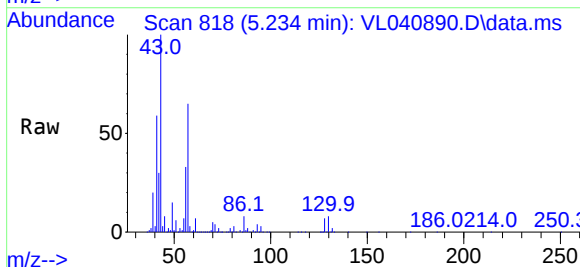
Manual Integrations
APPROVED

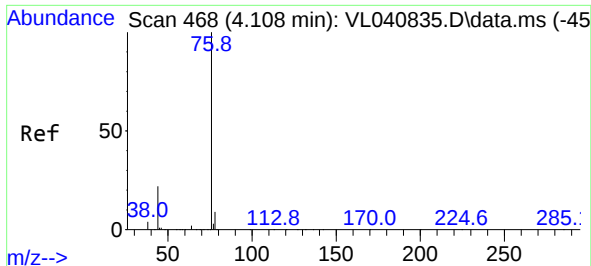
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#26
Hexane
Concen: 10.132 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

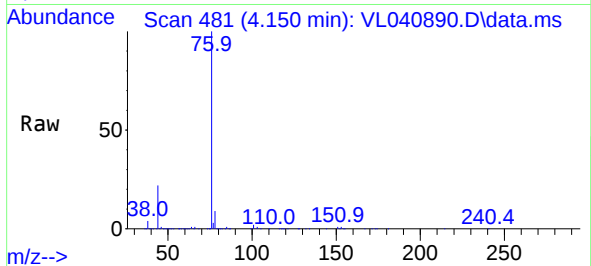
Tgt Ion: 57 Resp: 959668
Ion Ratio Lower Upper
57 100
41 96.0 75.4 113.0
43 234.3 185.9 278.9
56 53.5 42.6 63.8





#27
Carbon Disulfide
Concen: 10.093 ppbv
RT: 4.150 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

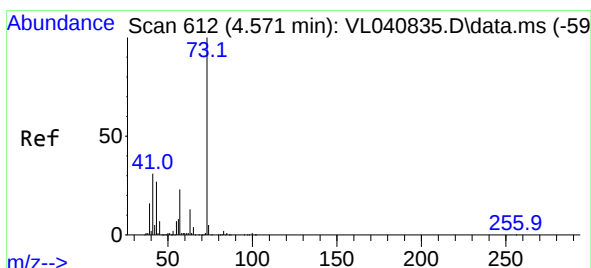
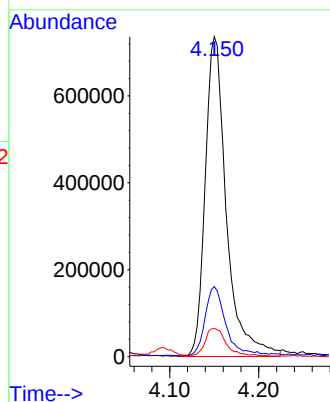
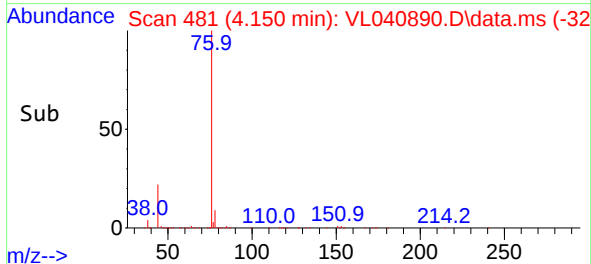


Tgt Ion: 76 Resp: 121224
Ion Ratio Lower Upper
76 100
44 21.6 16.7 25.1
78 9.8 7.6 11.4

Manual Integrations

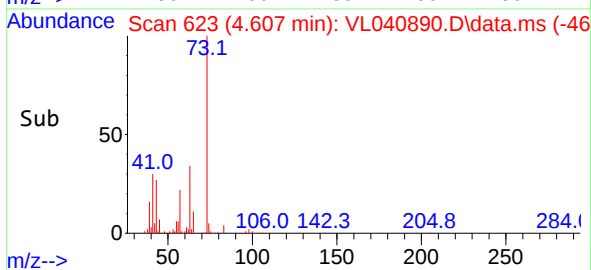
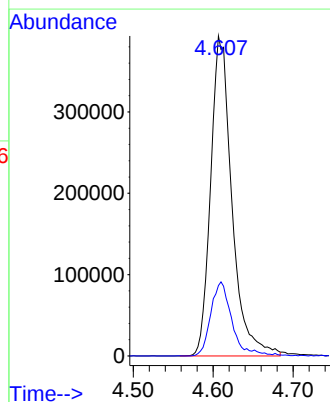
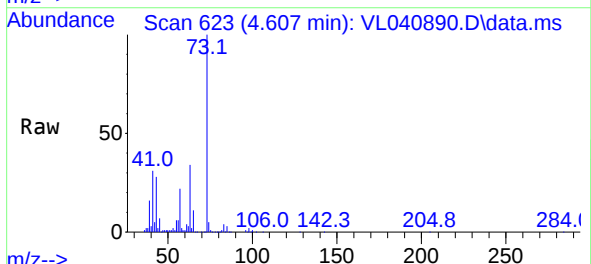
APPROVED

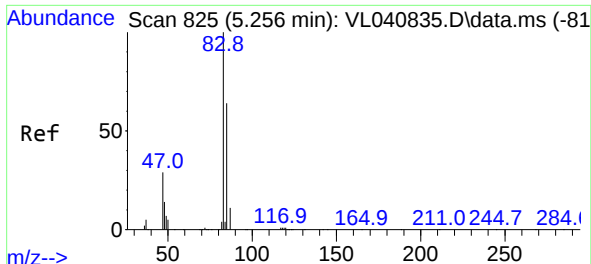
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#28
Methyl tert-Butyl Ether
Concen: 8.483 ppbv
RT: 4.607 min Scan# 623
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 73 Resp: 726635
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0





#29

Chloroform

Concen: 9.967 ppbv

RT: 5.295 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

Tgt Ion: 83 Resp: 159998

Ion Ratio Lower Upper

83 100

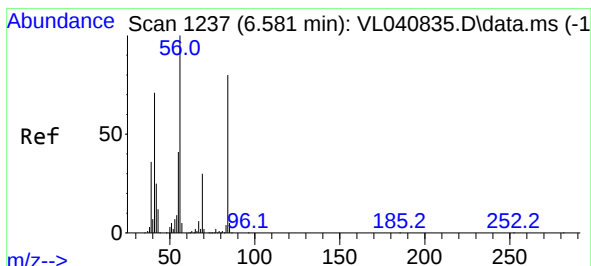
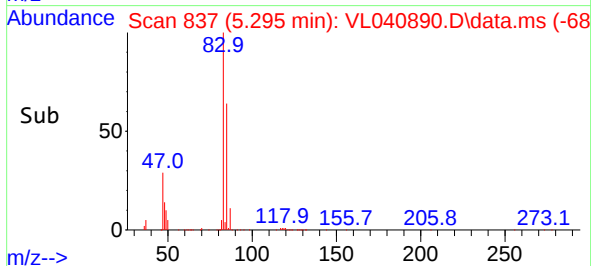
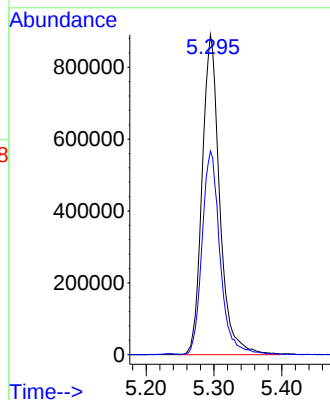
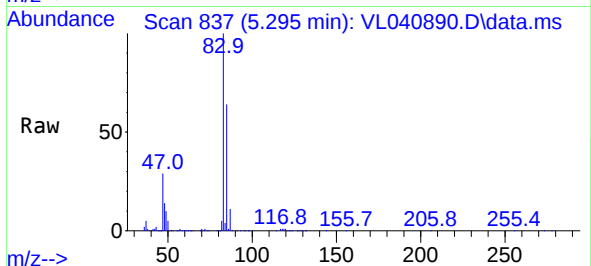
85 63.5 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#30

Cyclohexane

Concen: 9.604 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.006 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

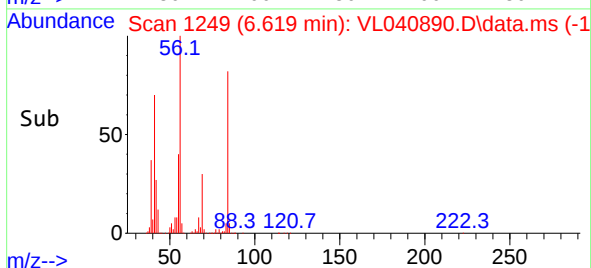
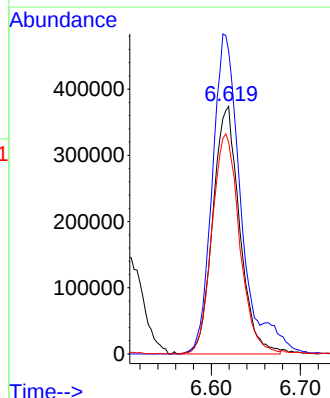
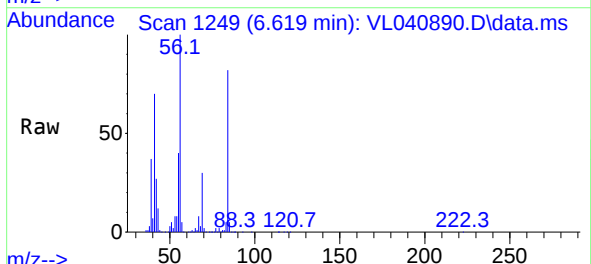
Tgt Ion: 84 Resp: 782561

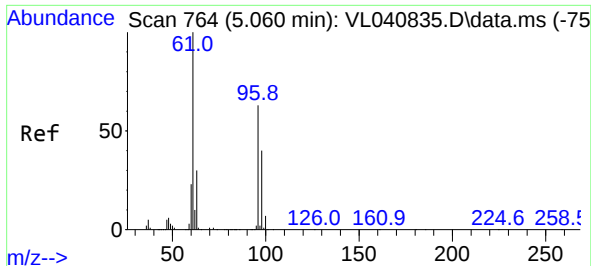
Ion Ratio Lower Upper

84 100

56 139.0 109.3 163.9

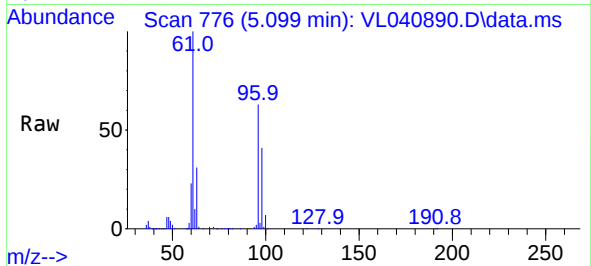
41 91.8 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 10.517 ppbv
RT: 5.099 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

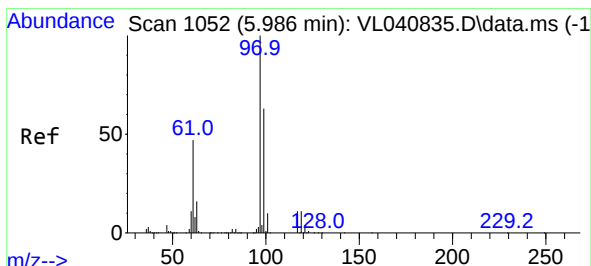
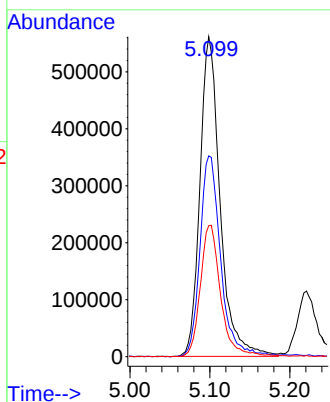
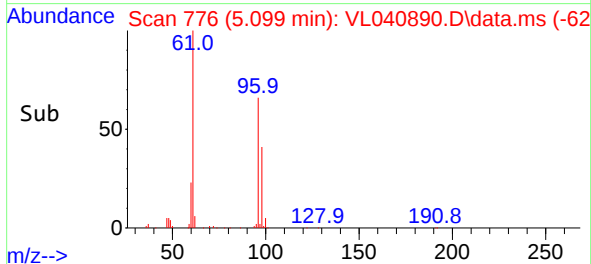
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



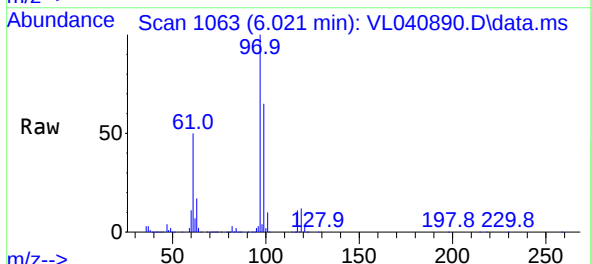
Tgt Ion: 61 Resp: 985774
Ion Ratio Lower Upper
61 100
96 62.7 50.5 75.7
98 40.9 31.9 47.9

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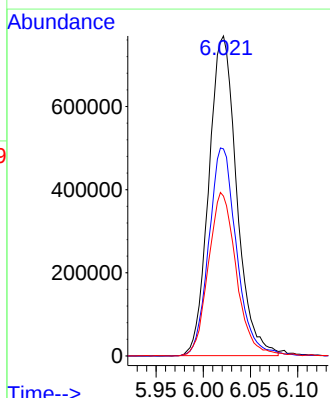
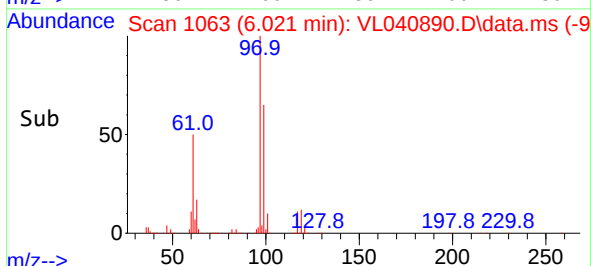
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

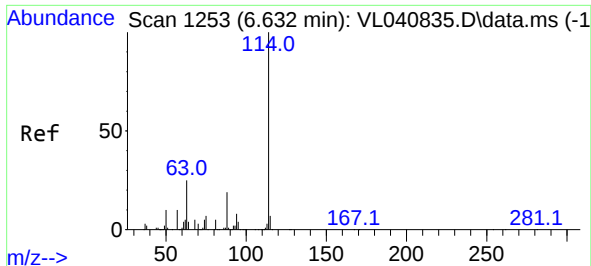


#32
1,1,1-Trichloroethane
Concen: 10.512 ppbv
RT: 6.021 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



Tgt Ion: 97 Resp: 1574380
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.4
61 51.9 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

Tgt Ion:114 Resp: 238608

Ion Ratio Lower Upper

114 100

63 26.8 20.9 31.3

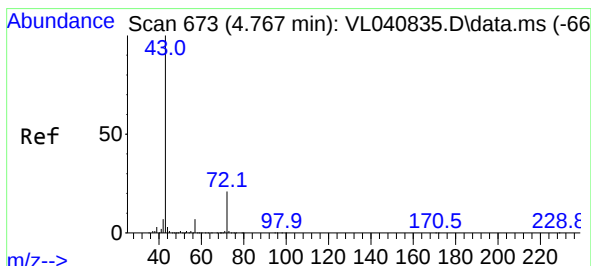
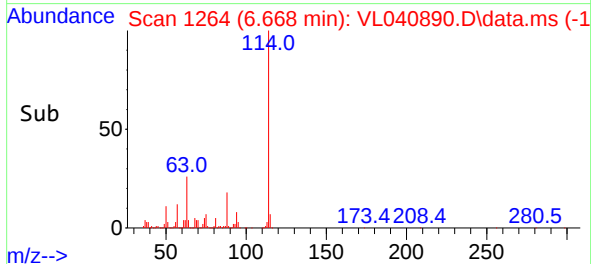
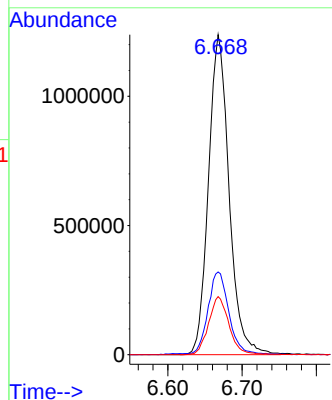
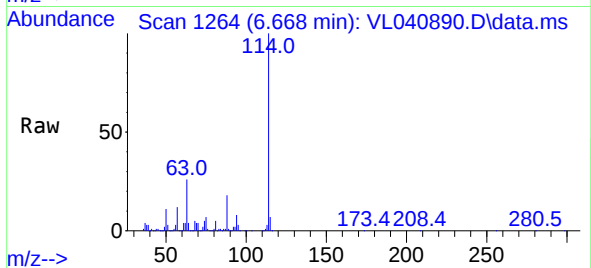
88 18.0 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#34

2-Butanone

Concen: 11.184 ppbv

RT: 4.806 min Scan# 685

Delta R.T. -0.000 min

Lab File: VL040890.D

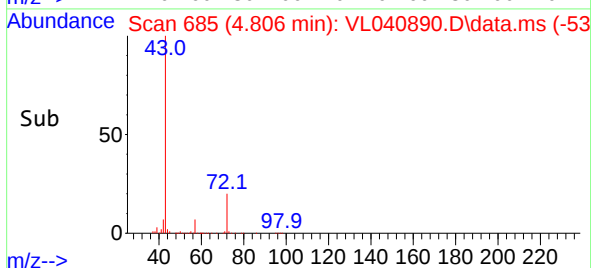
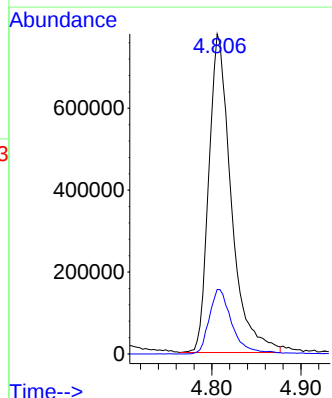
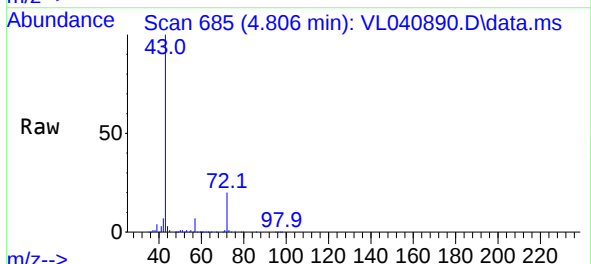
Acq: 17 Nov 2023 11:24

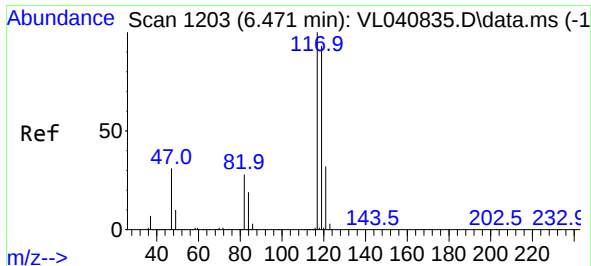
Tgt Ion: 43 Resp: 1359431

Ion Ratio Lower Upper

43 100

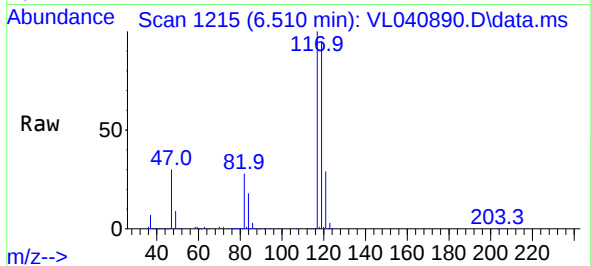
72 21.0 17.2 25.8





#35
Carbon Tetrachloride
Concen: 11.494 ppbv
RT: 6.510 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

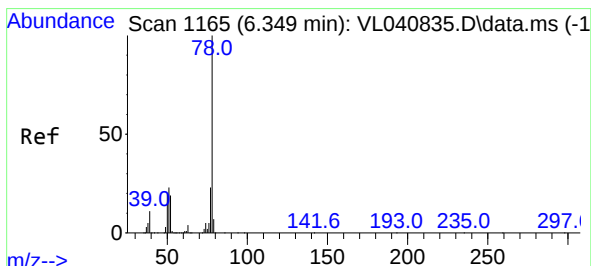
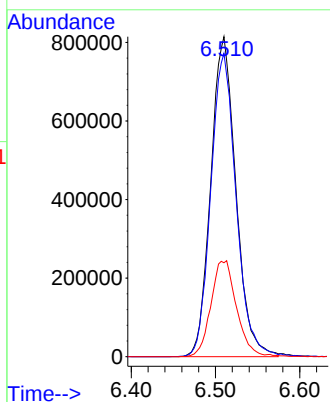
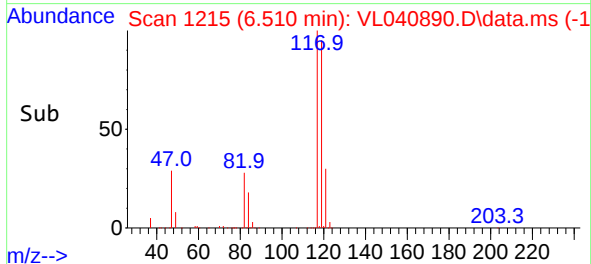
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



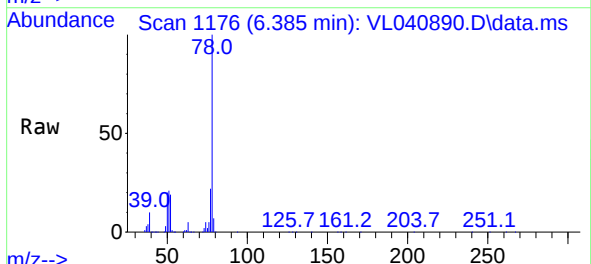
Tgt Ion: 117 Resp: 1682738
Ion Ratio Lower Upper
117 100
119 94.7 74.7 112.1
121 29.3 25.5 38.3

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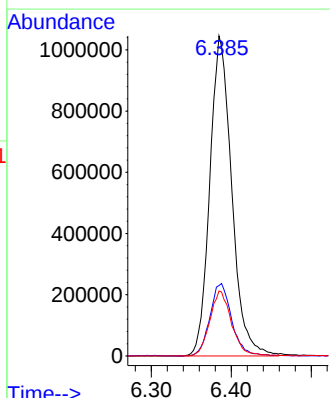
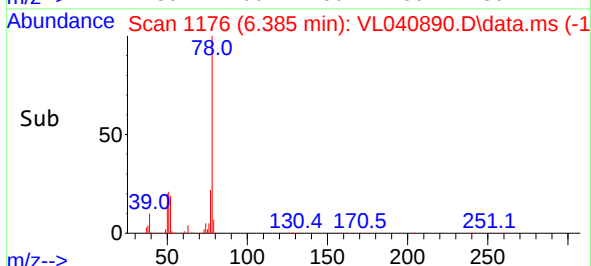
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

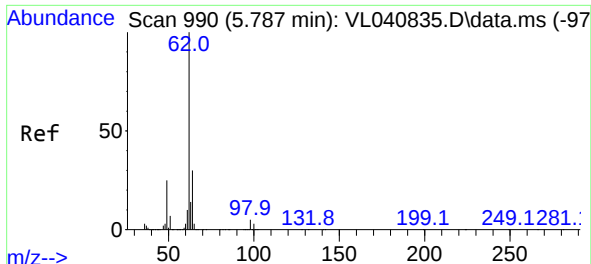


#36
Benzene
Concen: 10.264 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



Tgt Ion: 78 Resp: 1987691
Ion Ratio Lower Upper
78 100
77 22.0 18.4 27.6
50 20.3 16.2 24.2





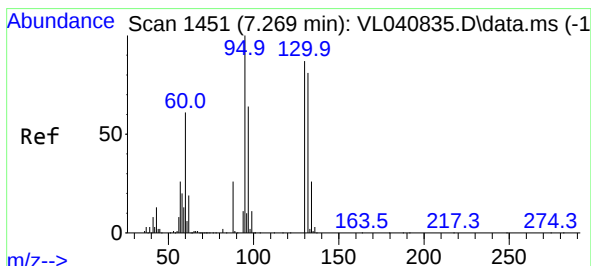
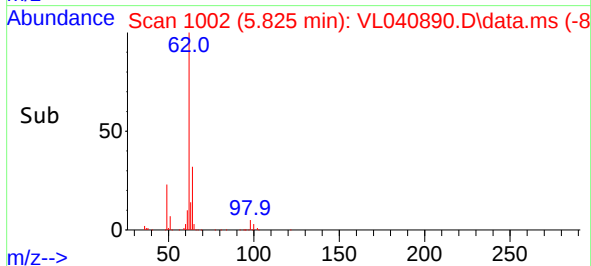
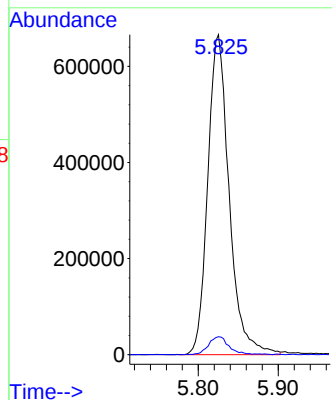
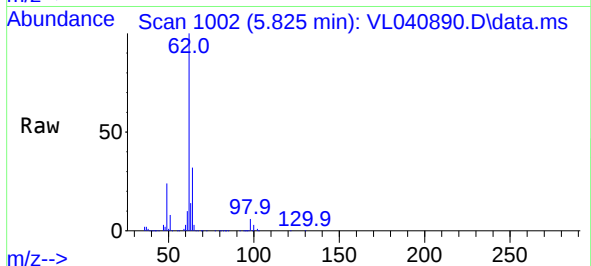
#37
1,2-Dichloroethane
Concen: 10.838 ppbv
RT: 5.825 min Scan# 1002
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion: 62 Resp: 123788
Ion Ratio Lower Upper
62 100
98 5.5 4.6 6.8

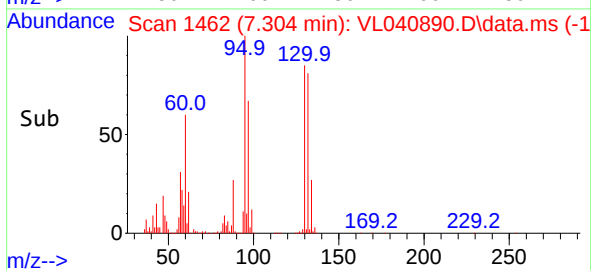
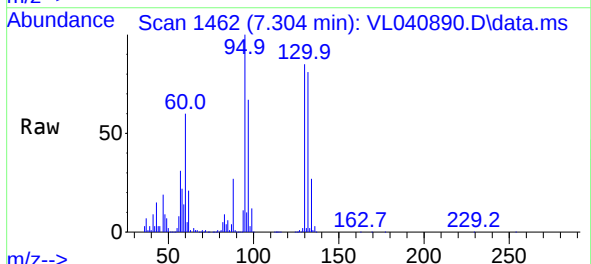
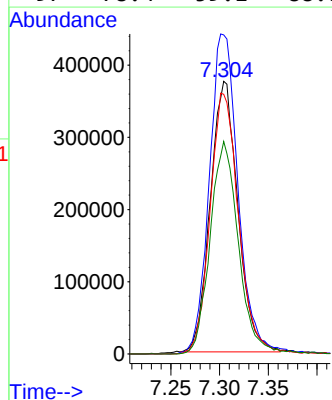
Manual Integrations
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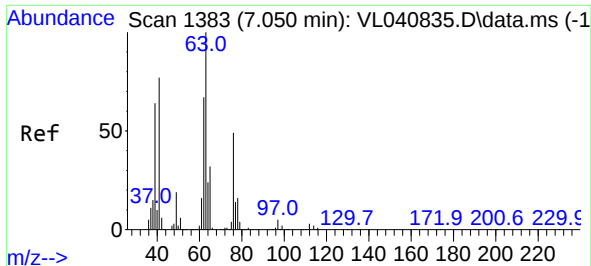
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#38
Trichloroethene
Concen: 9.825 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion:130 Resp: 739544
Ion Ratio Lower Upper
130 100
95 117.4 92.4 138.6
132 95.8 75.1 112.7
97 78.4 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.146 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040890.D

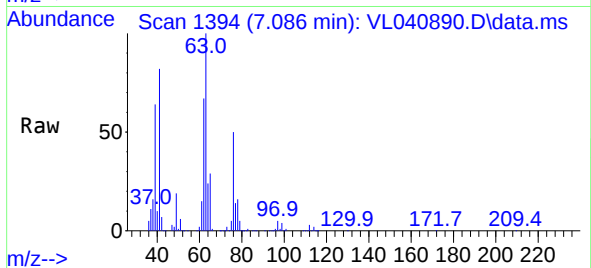
Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01



Tgt Ion: 63 Resp: 779069

Ion Ratio Lower Upper

63 100

41 81.6 61.5 92.3

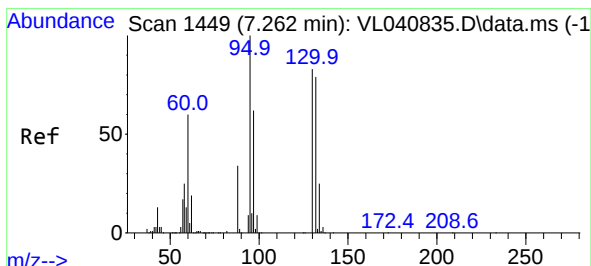
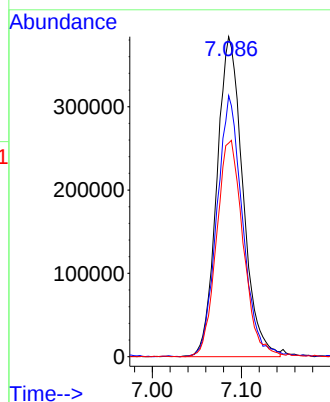
62 66.7 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#40

1,4-Dioxane

Concen: 10.234 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Tgt Ion: 88 Resp: 311796

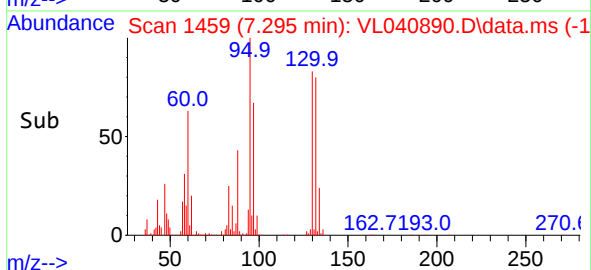
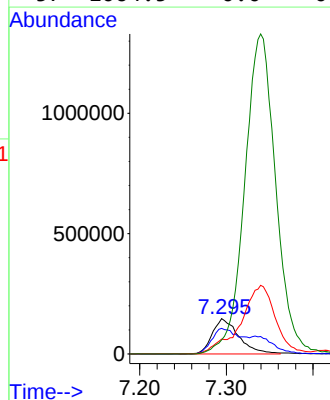
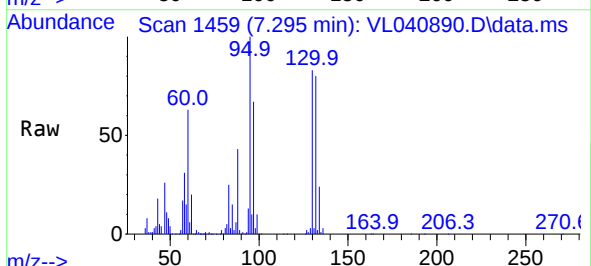
Ion Ratio Lower Upper

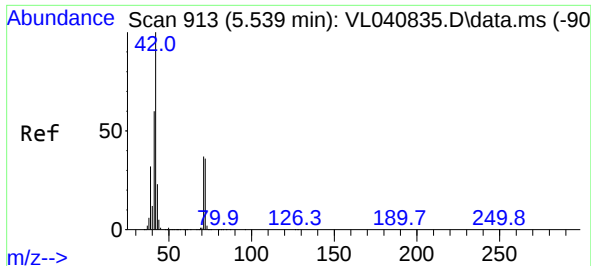
88 100

58 123.6 101.0 151.6

43 253.4 0.0 0.0#

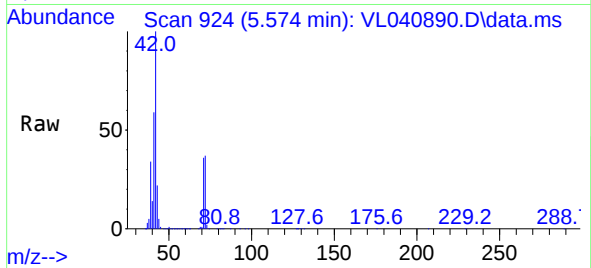
57 1064.5 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.211 ppbv
RT: 5.574 min Scan# 913
Delta R.T. -0.000 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

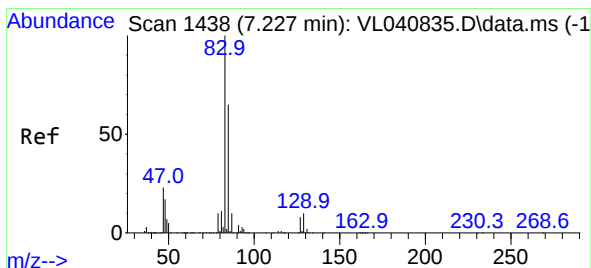
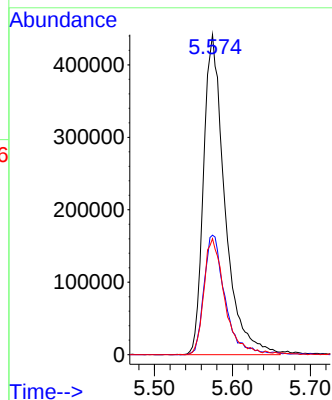
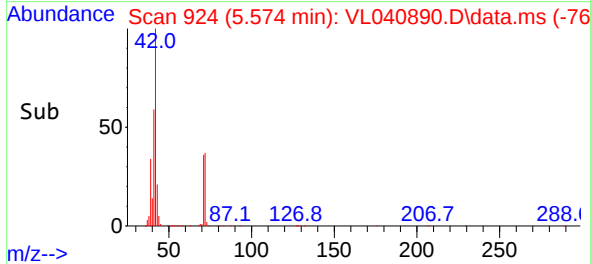
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



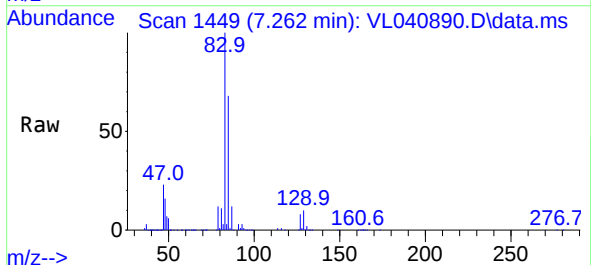
Tgt Ion: 42 Resp: 838999
Ion Ratio Lower Upper
42 100
72 37.5 30.8 46.2
71 36.2 30.0 45.0

Manual Integrations
APPROVED

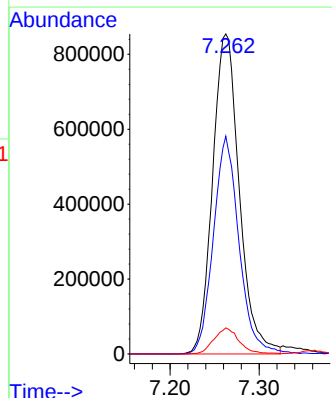
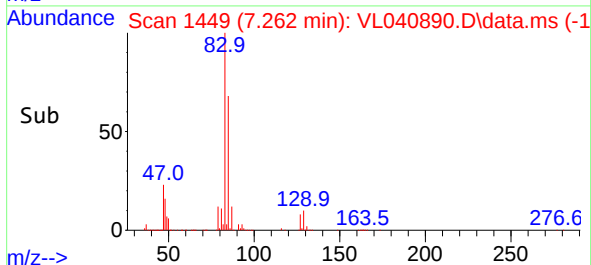
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

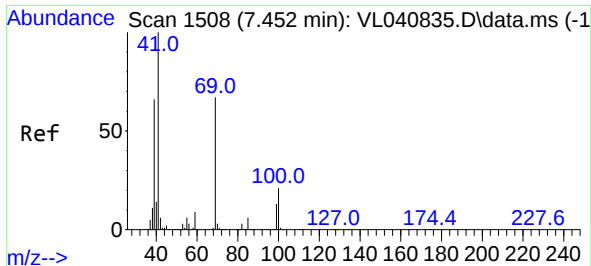


#42
Bromodichloromethane
Concen: 10.879 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



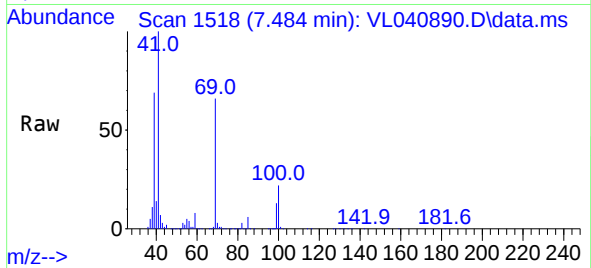
Tgt Ion: 83 Resp: 1778194
Ion Ratio Lower Upper
83 100
85 68.0 52.3 78.5
127 8.1 6.6 10.0





#43
Methyl Methacrylate
Concen: 11.033 ppbv
RT: 7.484 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

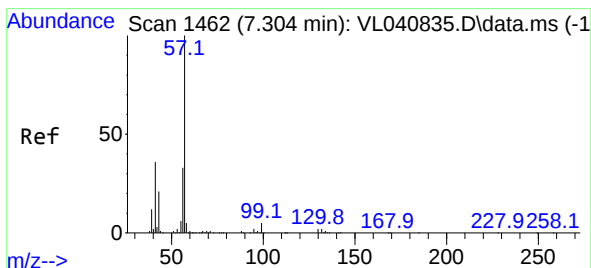
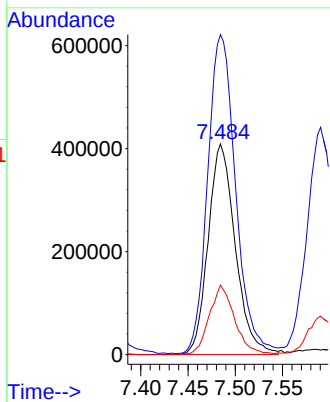
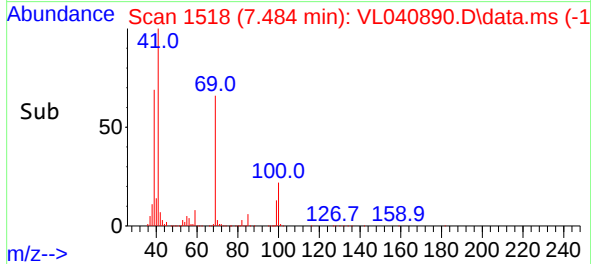
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



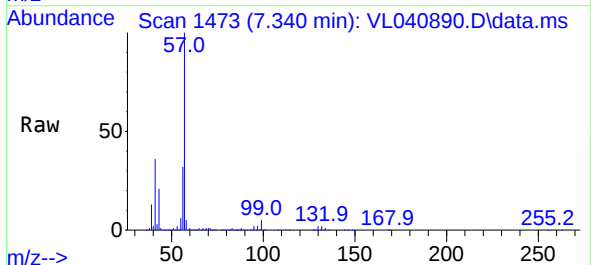
Tgt Ion: 69 Resp: 81415
Ion Ratio Lower Upper
69 100
41 156.6 123.0 184.4
100 31.0 25.4 38.2

Manual Integrations
APPROVED

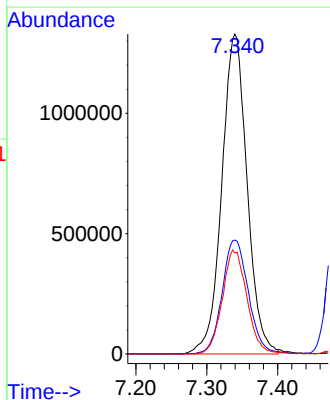
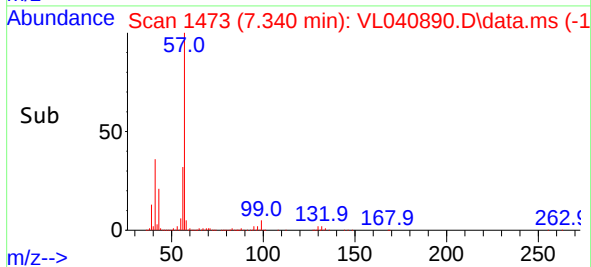
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

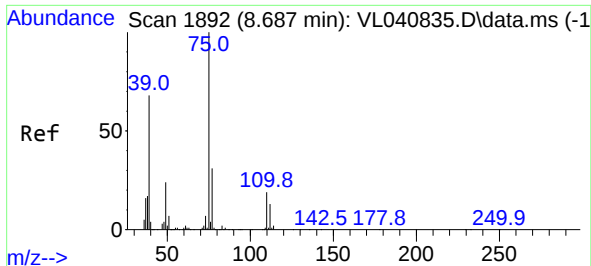


#44
2,2,4-Trimethylpentane
Concen: 10.261 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



Tgt Ion: 57 Resp: 3300814
Ion Ratio Lower Upper
57 100
41 37.0 29.0 43.6
56 31.7 25.2 37.8





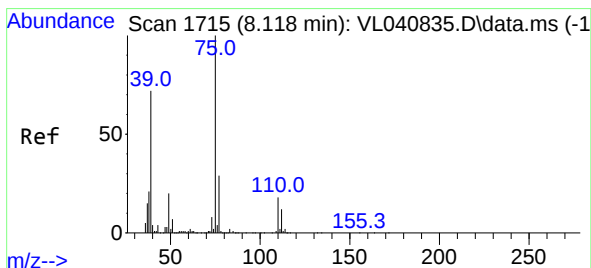
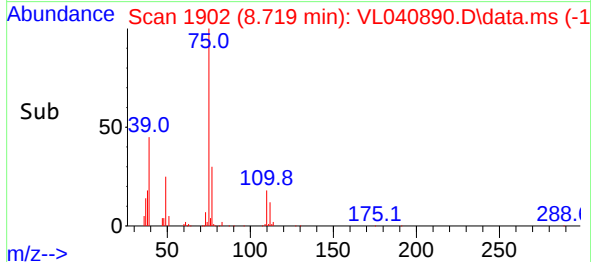
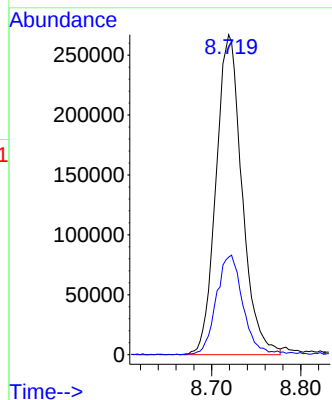
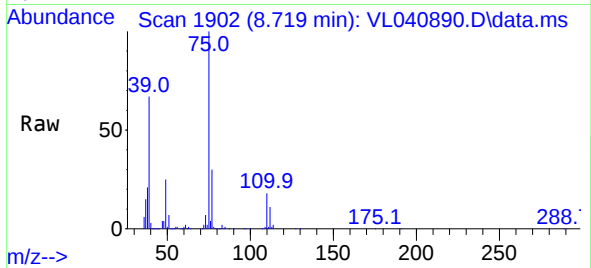
#45
t-1,3-Dichloropropene
Concen: 12.489 ppbv
RT: 8.719 min Scan# 1902
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion: 75 Resp: 541578
Ion Ratio Lower Upper
75 100
77 30.5 24.9 37.3

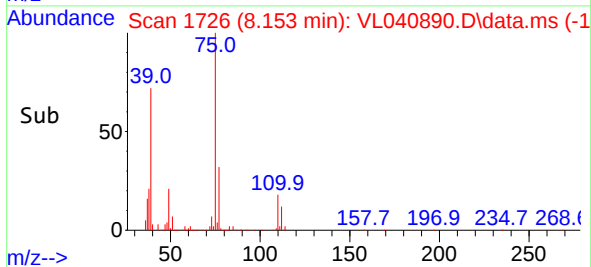
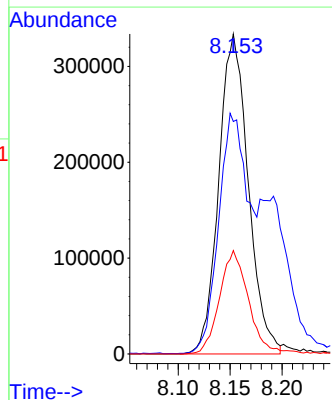
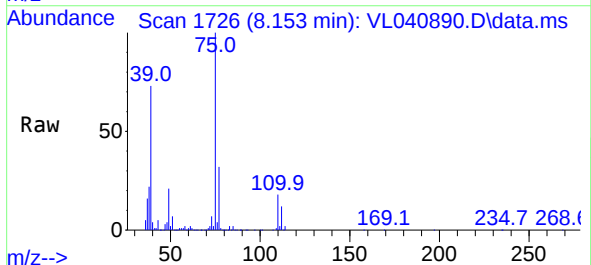
Manual Integrations
APPROVED

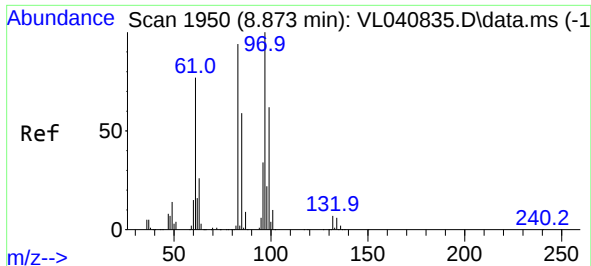
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#46
cis-1,3-Dichloropropene
Concen: 11.722 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 75 Resp: 659109
Ion Ratio Lower Upper
75 100
39 72.4 57.3 85.9
77 32.3 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 10.257 ppbv

RT: 8.905 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

Tgt Ion: 97 Resp: 82524

Ion Ratio Lower Upper

97 100

83 89.6 74.8 112.2

85 60.6 47.4 71.0

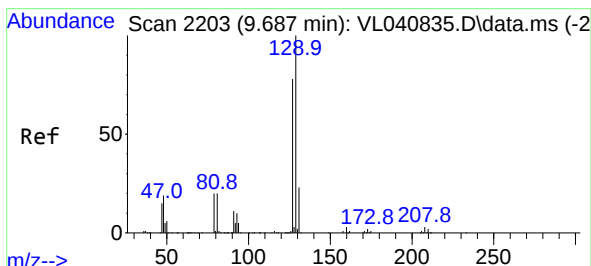
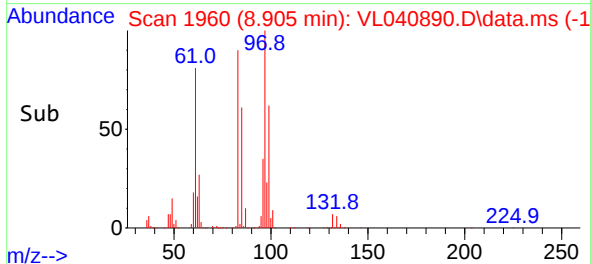
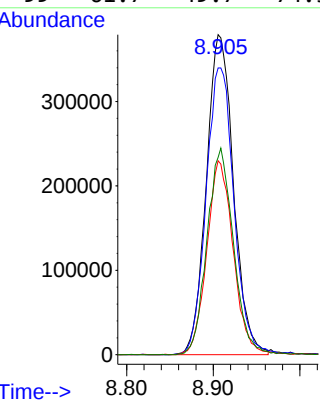
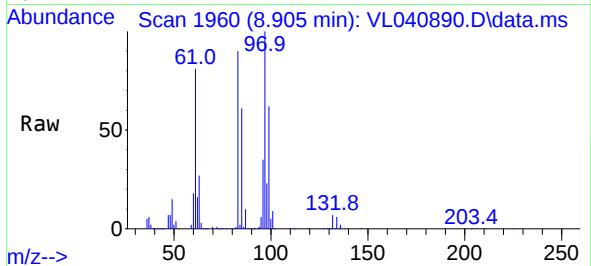
99 61.7 49.7 74.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#48

Dibromochloromethane

Concen: 11.021 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.003 min

Lab File: VL040890.D

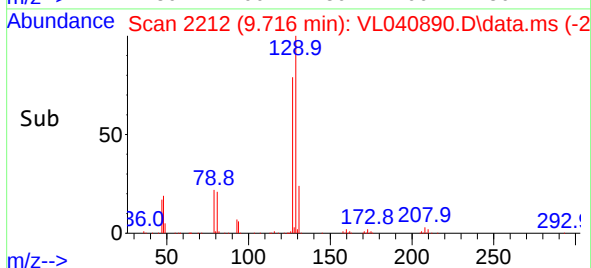
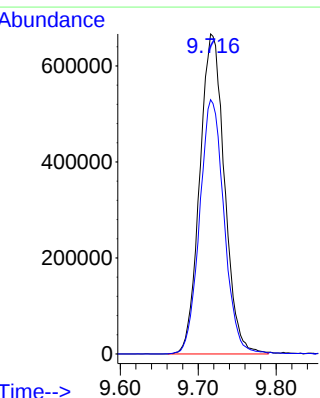
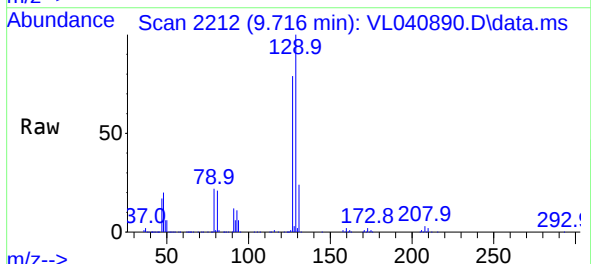
Acq: 17 Nov 2023 11:24

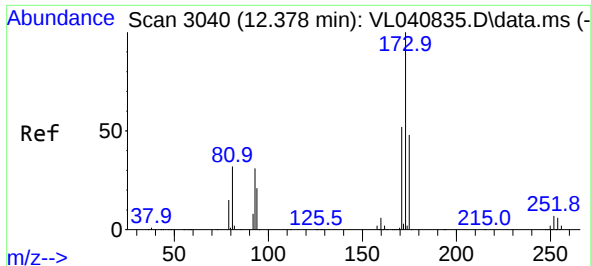
Tgt Ion:129 Resp: 1471341

Ion Ratio Lower Upper

129 100

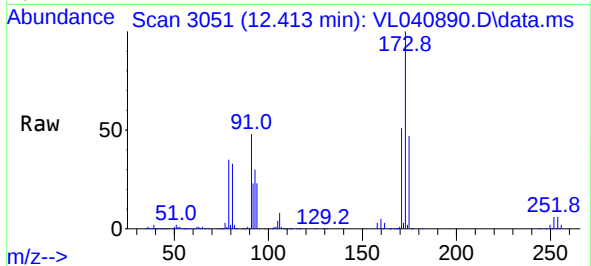
127 78.4 39.3 117.9





#49
Bromoform
Concen: 11.678 ppbv
RT: 12.413 min Scan# 3040
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

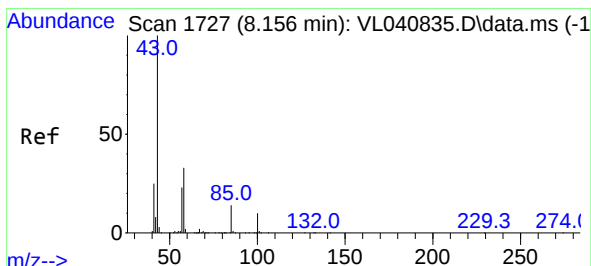
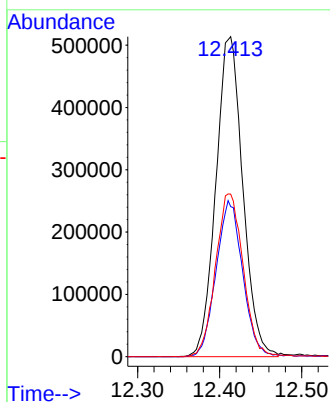
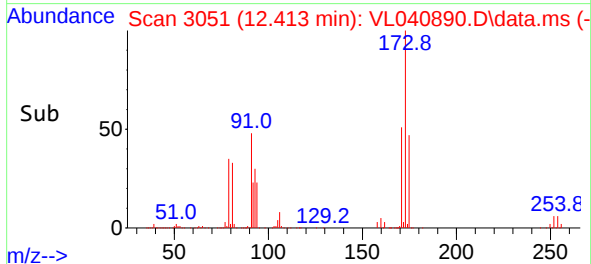
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



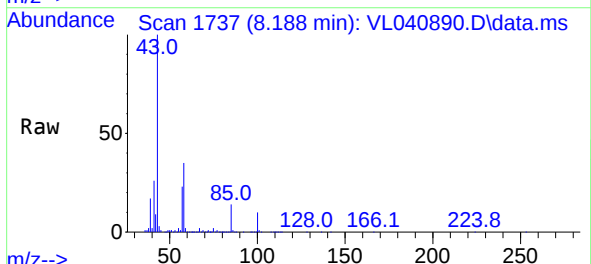
Tgt Ion:173 Resp: 1172608
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.6
171 52.3 41.8 62.6

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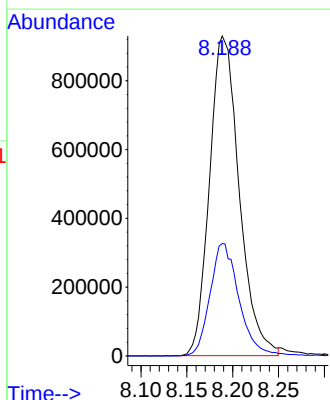
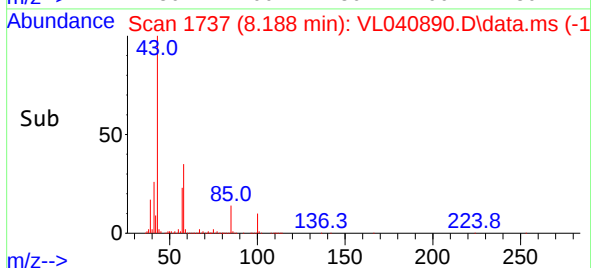
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

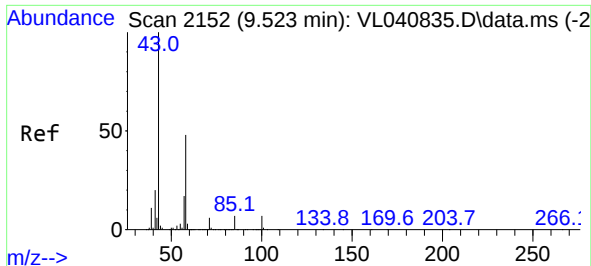


#50
4-Methyl-2-Pentanone
Concen: 11.133 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



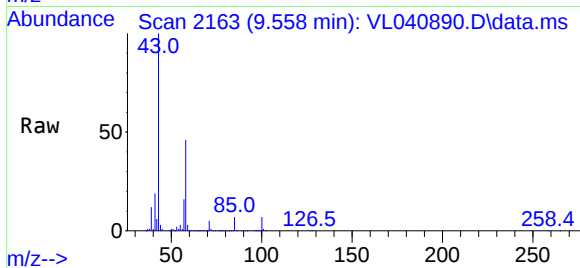
Tgt Ion: 43 Resp: 2094331
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.6





#51
2-Hexanone
Concen: 11.615 ppbv
RT: 9.558 min Scan# 2152
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

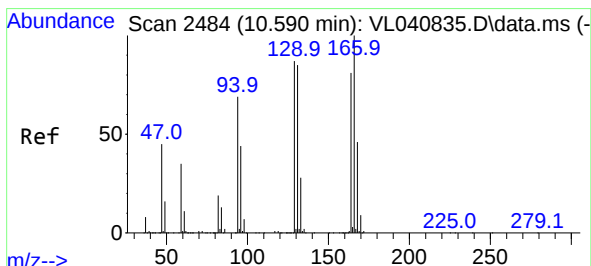
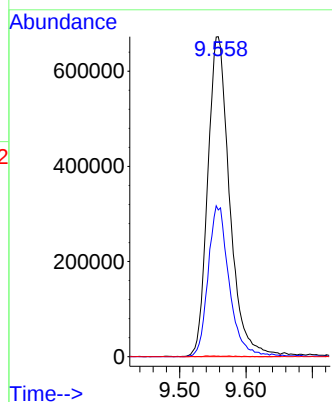
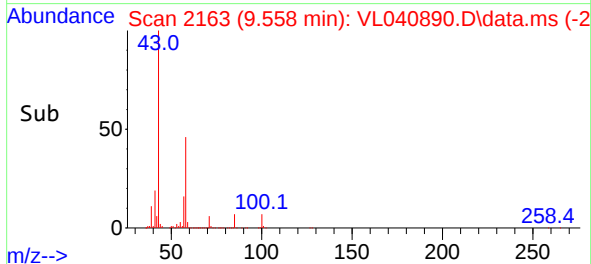
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



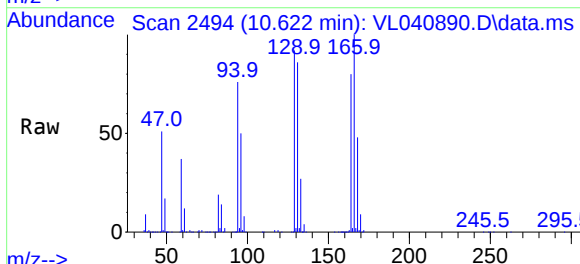
Tgt Ion: 43 Resp: 1540184
Ion Ratio Lower Upper
43 100
58 45.9 37.4 56.2
98 0.3 0.2 0.2

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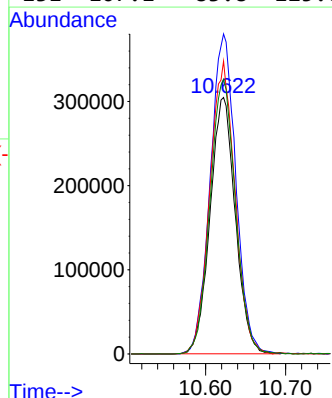
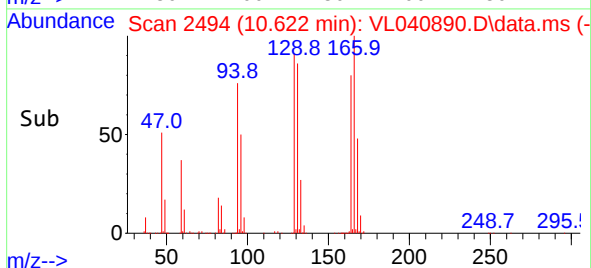
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

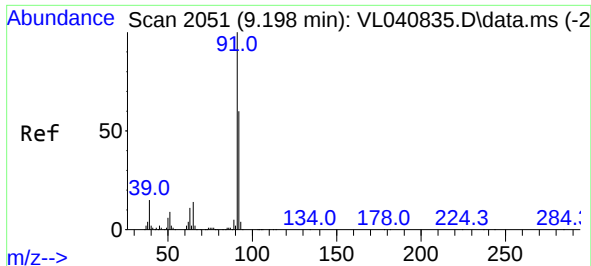


#52
Tetrachloroethene
Concen: 10.228 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



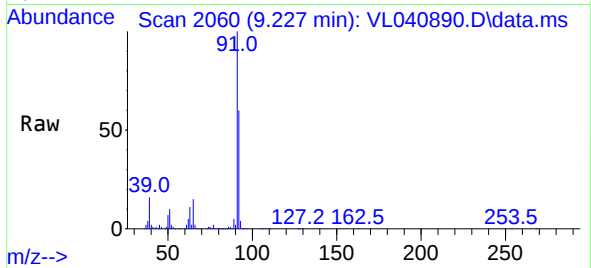
Tgt Ion:164 Resp: 666960
Ion Ratio Lower Upper
164 100
166 124.8 98.3 147.5
129 114.1 85.1 127.7
131 107.1 83.8 125.6





#53
Toluene
Concen: 10.573 ppbv
RT: 9.227 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

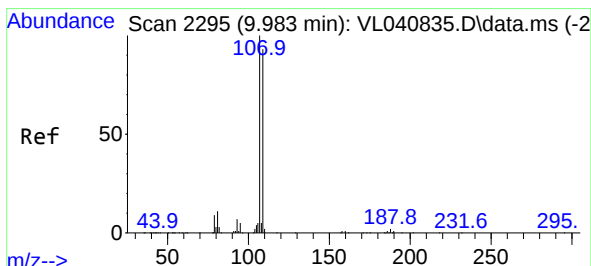
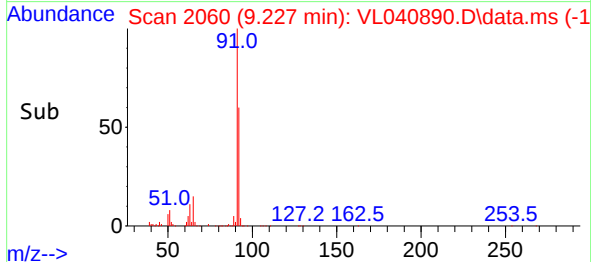
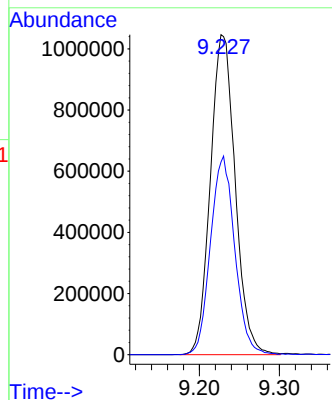
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



Tgt Ion: 91 Resp: 2252990
Ion Ratio Lower Upper
91 100
92 60.7 49.4 74.2

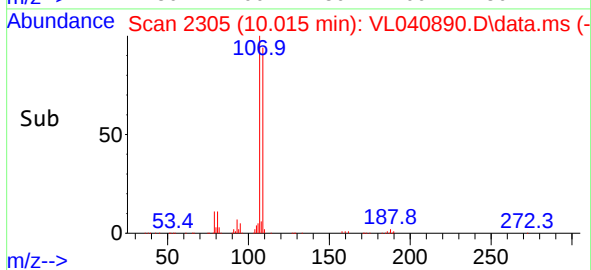
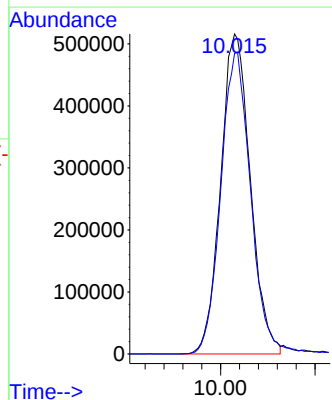
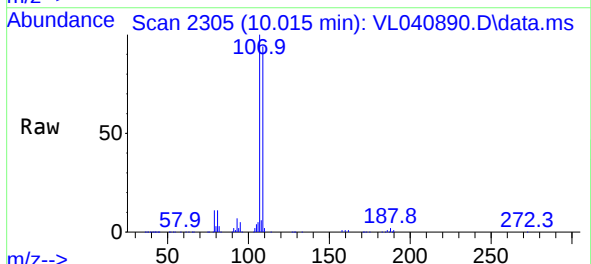
Manual Integrations
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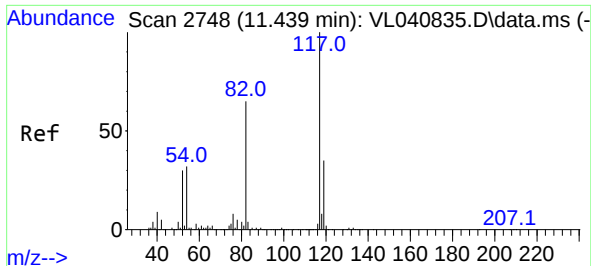
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#54
1,2-Dibromoethane
Concen: 10.873 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

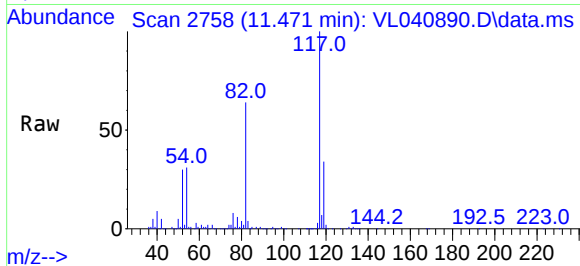
Tgt Ion:107 Resp: 1125777
Ion Ratio Lower Upper
107 100
109 93.9 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

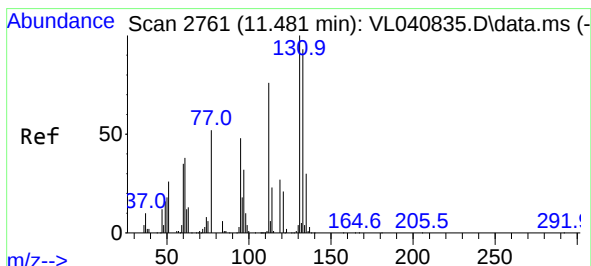
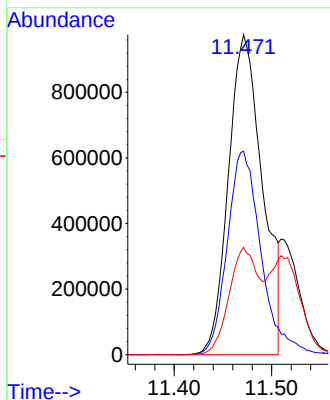
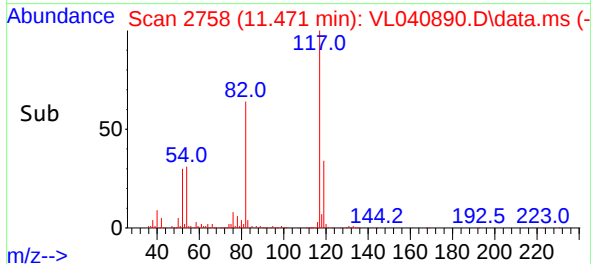
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



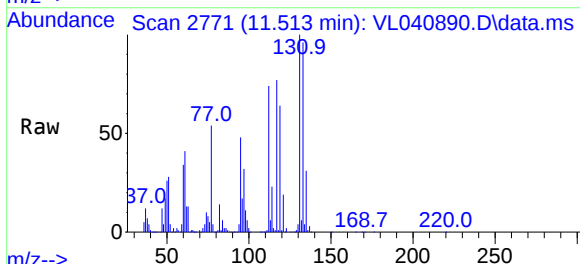
Tgt Ion:117 Resp: 2372194
Ion Ratio Lower Upper
117 100
82 63.4 50.6 75.8
119 26.9 23.3 34.9

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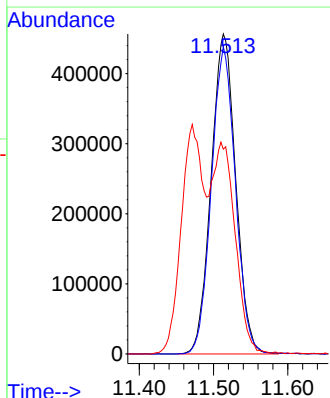
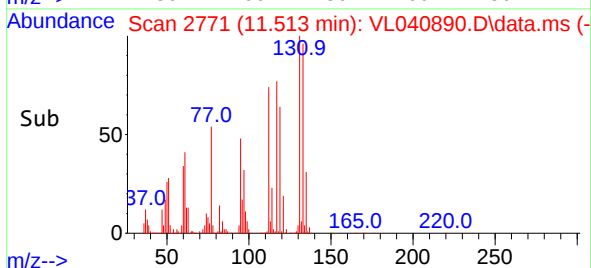
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

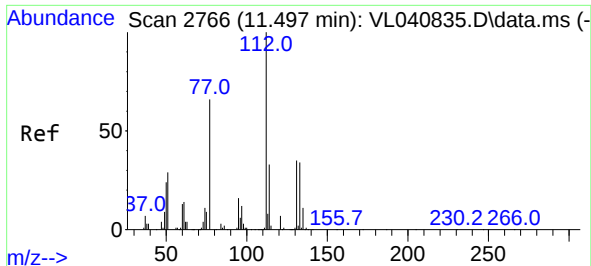


#56
1,1,1,2-Tetrachloroethane
Concen: 10.337 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



Tgt Ion:131 Resp: 1049534
Ion Ratio Lower Upper
131 100
133 94.2 76.4 114.6
119 69.4 51.1 76.7





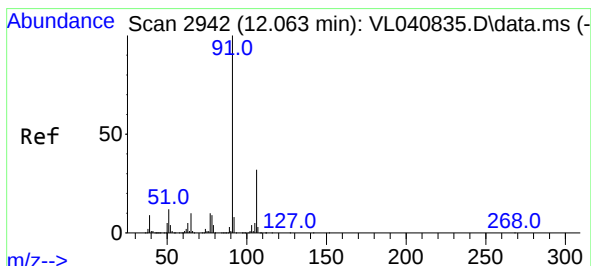
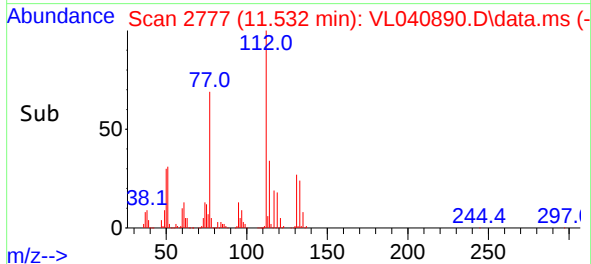
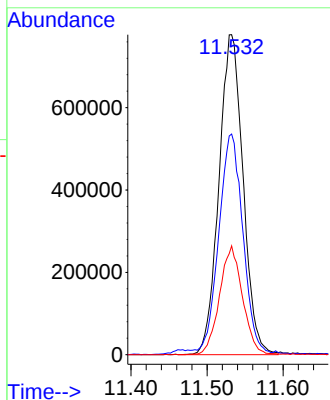
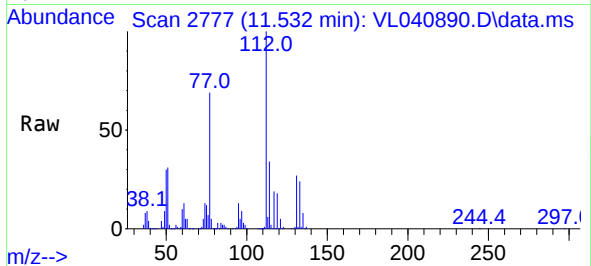
#57
Chlorobenzene
Concen: 9.742 ppbv
RT: 11.532 min Scan# 2112
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion:112 Resp: 1712920
Ion Ratio Lower Upper
112 100
77 68.3 53.3 79.9
114 33.9 29.3 35.9

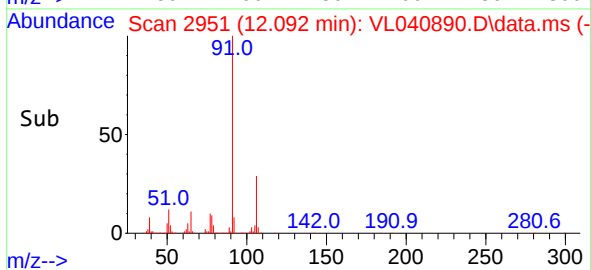
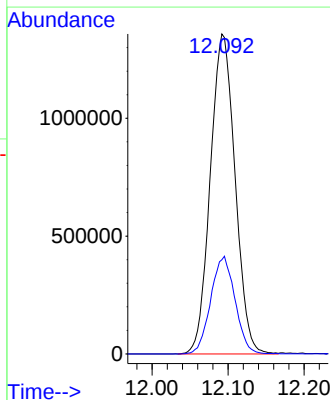
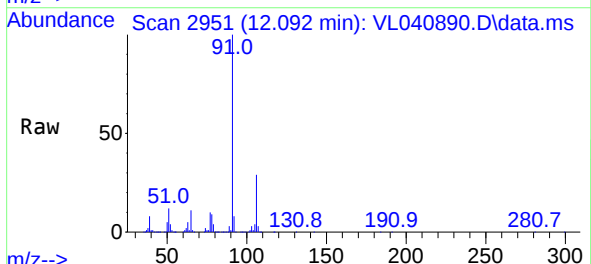
Manual Integrations
APPROVED

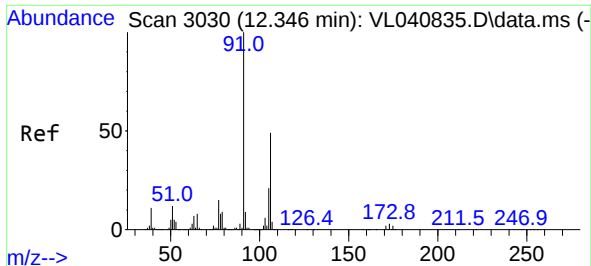
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#58
Ethyl Benzene
Concen: 9.913 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 91 Resp: 3068250
Ion Ratio Lower Upper
91 100
106 29.5 25.2 37.8





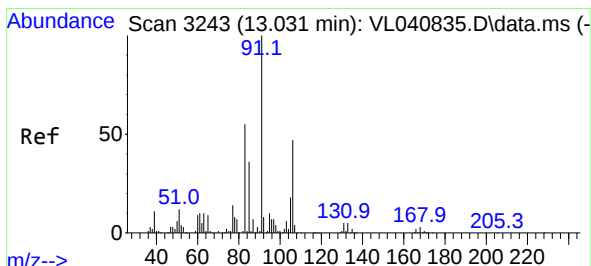
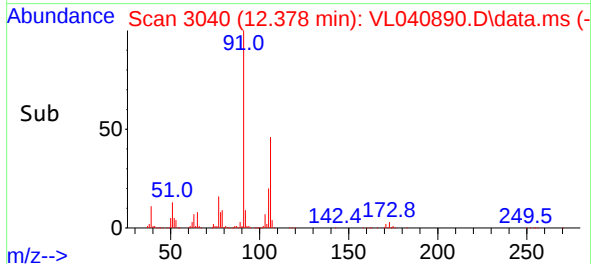
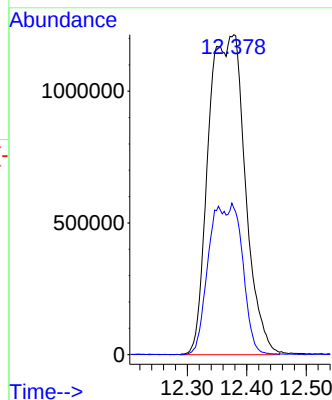
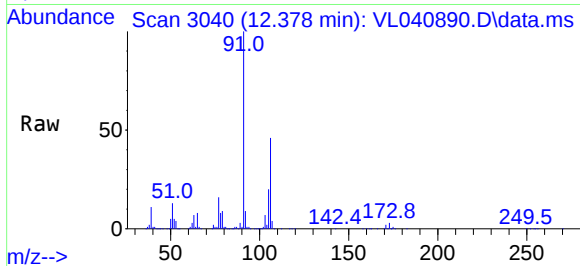
#59
m/p-Xylene
Concen: 19.731 ppbv m
RT: 12.378 min Scan# 3030
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion: 91 Resp: 5200570
Ion Ratio Lower Upper
91 100
106 43.4 35.4 53.0

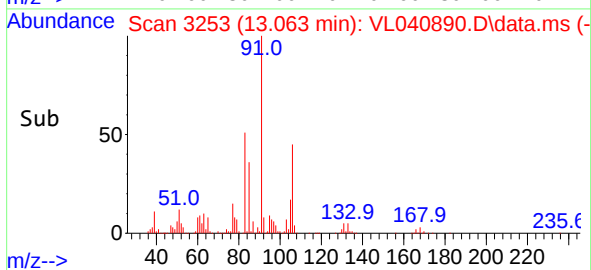
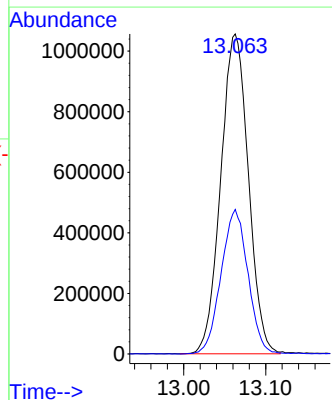
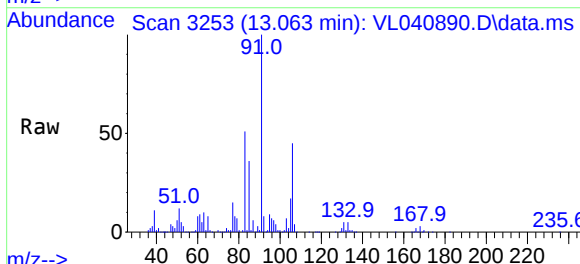
Manual Integrations
APPROVED

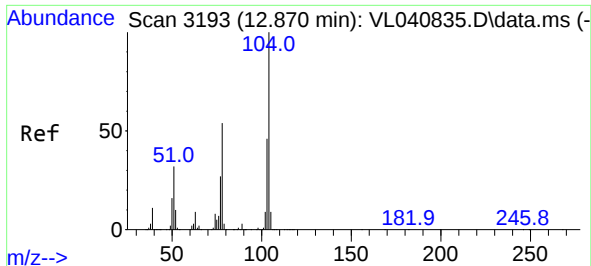
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#60
o-Xylene
Concen: 9.864 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 91 Resp: 2474966
Ion Ratio Lower Upper
91 100
106 44.2 22.9 68.5





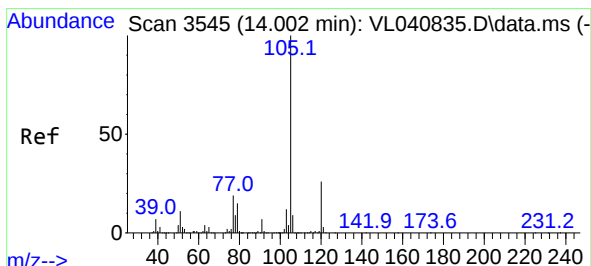
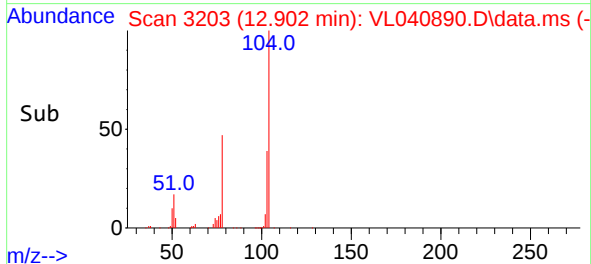
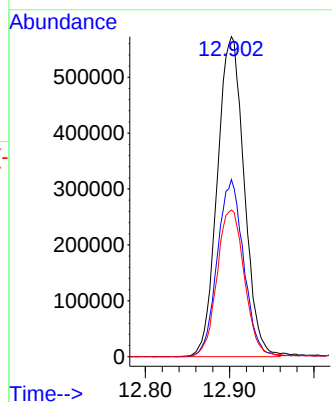
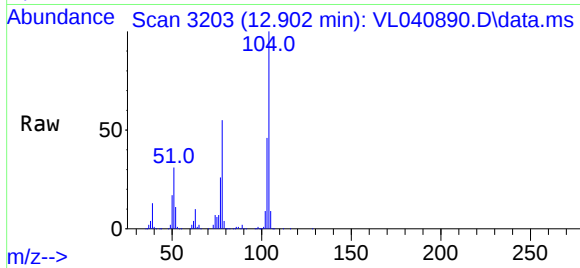
#61
Styrene
Concen: 10.474 ppbv
RT: 12.902 min Scan# 3193
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion:104 Resp: 1267338
Ion Ratio Lower Upper
104 100
78 54.7 43.3 64.9
103 47.1 37.6 56.4

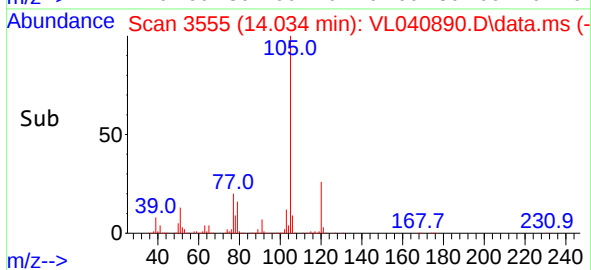
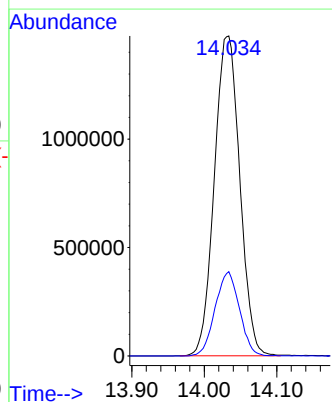
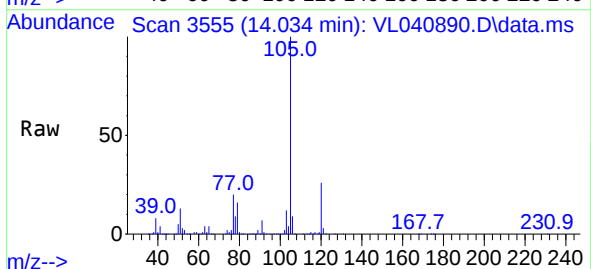
Manual Integrations
APPROVED

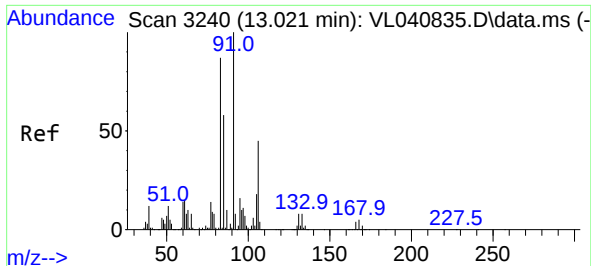
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#62
Isopropylbenzene
Concen: 9.707 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

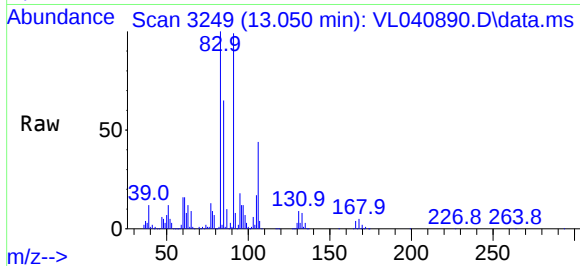
Tgt Ion:105 Resp: 3598272
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 10.121 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

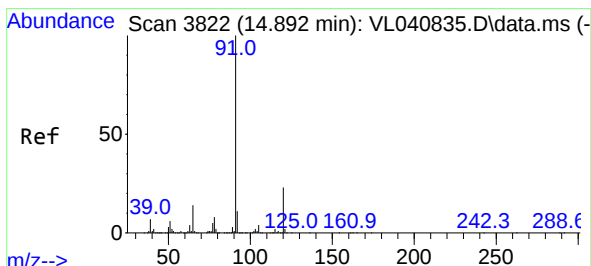
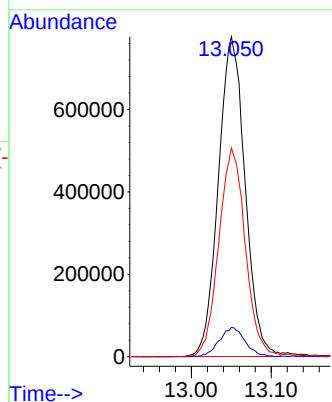
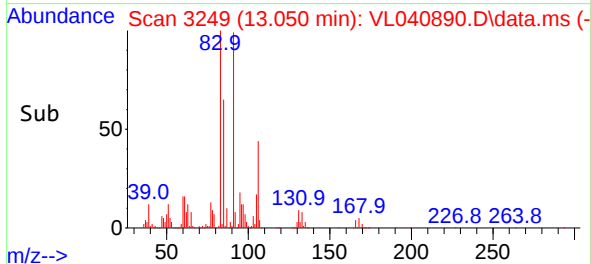
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



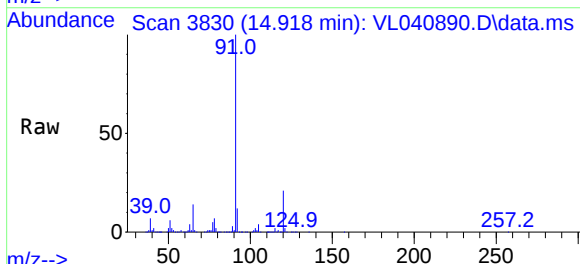
Tgt Ion: 83 Resp: 179985
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 65.6 32.9 98.7

Manual Integrations
APPROVED

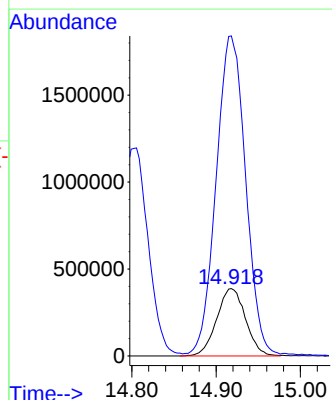
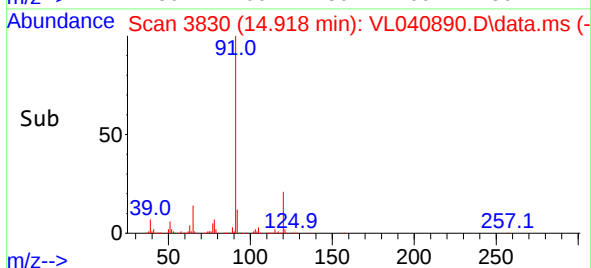
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

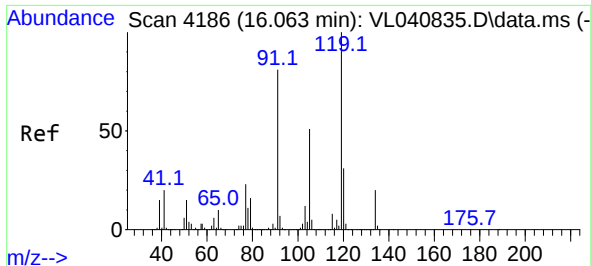


#64
n-propylbenzene
Concen: 9.900 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



Tgt Ion:120 Resp: 919754
Ion Ratio Lower Upper
120 100
91 488.4 381.1 571.7





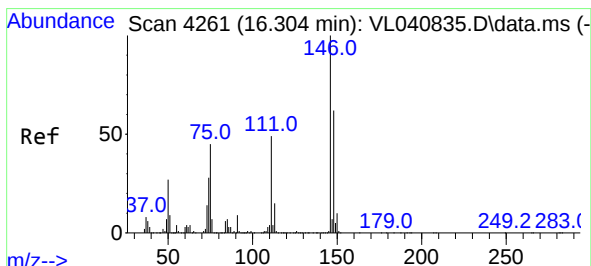
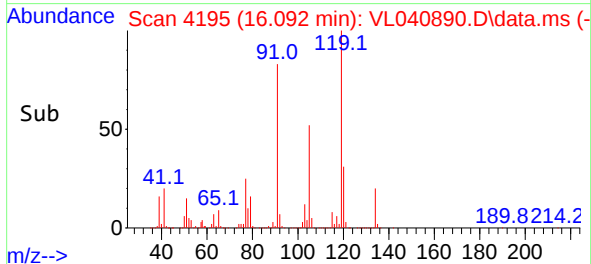
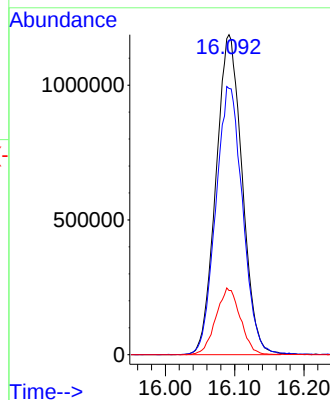
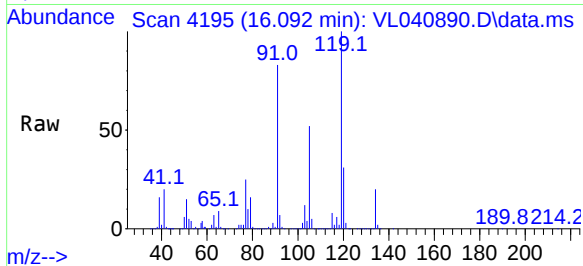
#65
tert-Butylbenzene
Concen: 9.986 ppbv
RT: 16.092 min Scan# 4186
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion:119 Resp: 312133
Ion Ratio Lower Upper
119 100
91 86.0 67.5 101.3
134 19.5 15.9 23.9

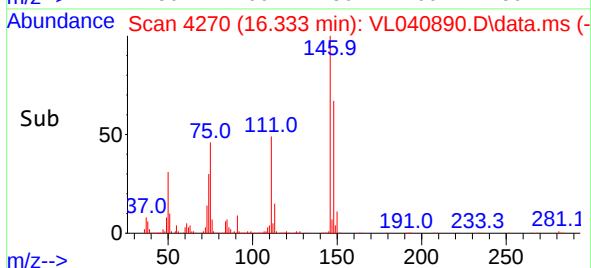
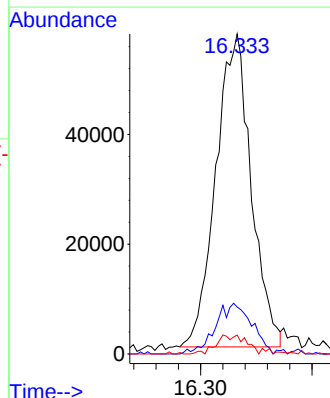
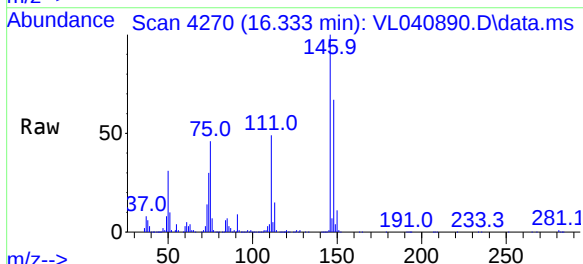
Manual Integrations
APPROVED

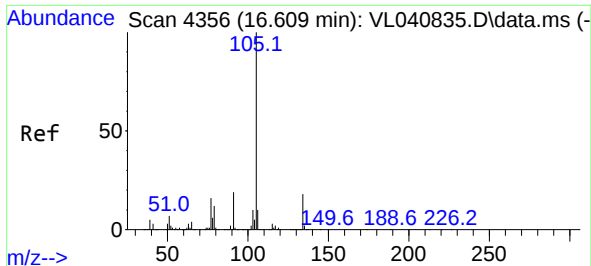
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#66
Benzyl Chloride
Concen: 10.892 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

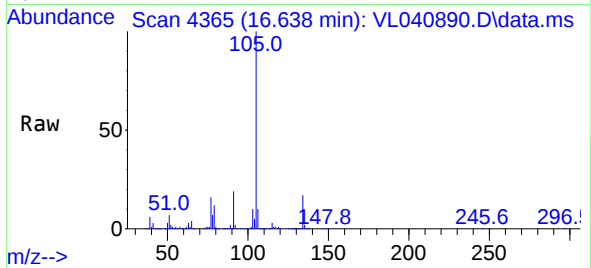
Tgt Ion: 91 Resp: 125452
Ion Ratio Lower Upper
91 100
126 17.4 12.8 19.2
128 5.9 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 9.819 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

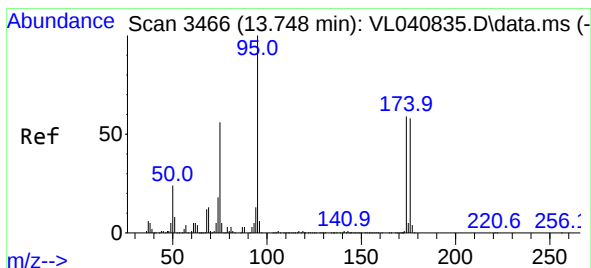
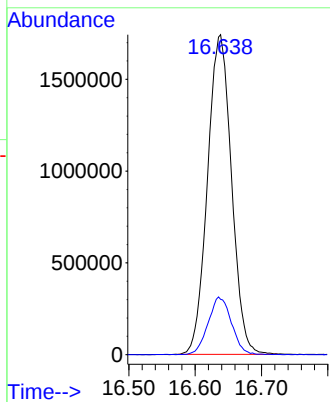
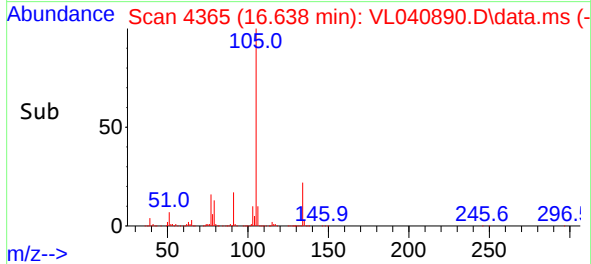
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1117ABS01



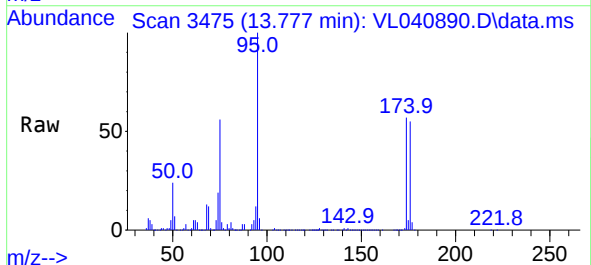
Tgt Ion:105 Resp: 4384380
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.3 21.5

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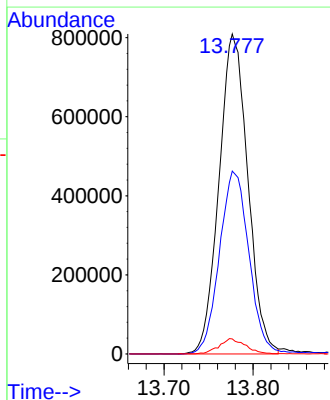
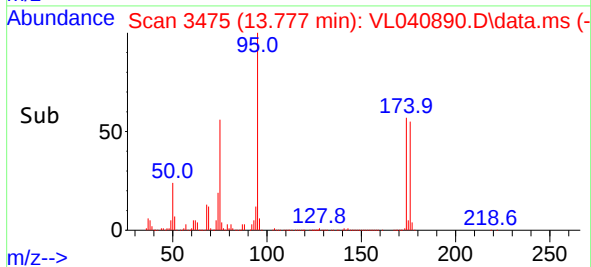
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

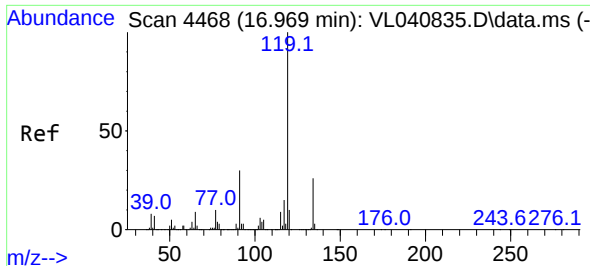


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.788 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.006 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24



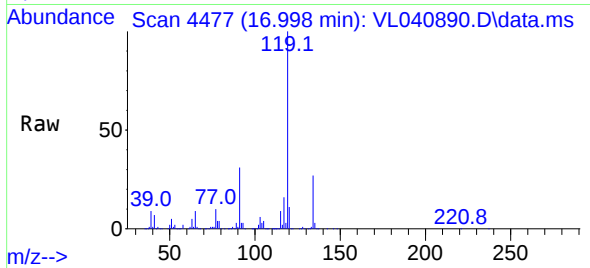
Tgt Ion: 95 Resp: 1817885
 Ion Ratio Lower Upper
 95 100
 174 59.3 47.5 71.3
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 9.889 ppbv
RT: 16.998 min Scan# 4468
Delta R.T. 0.013 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

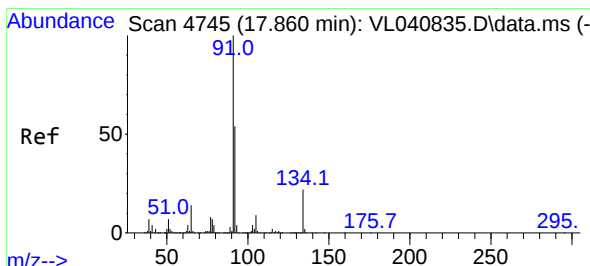
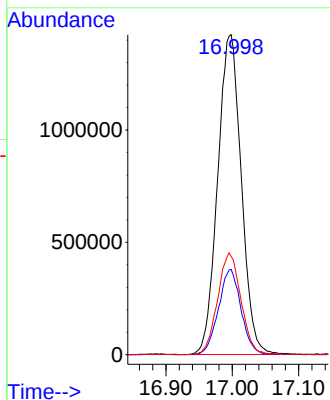
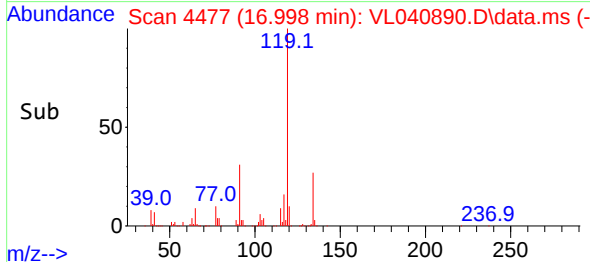
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



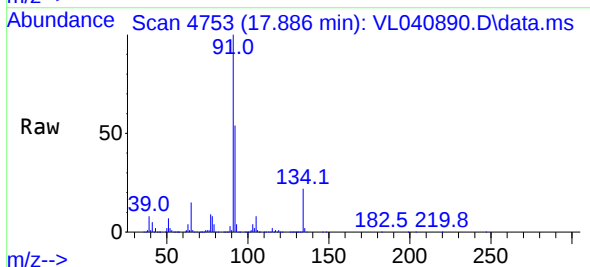
Tgt Ion:119 Resp: 3520700
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 31.3 24.7 37.1

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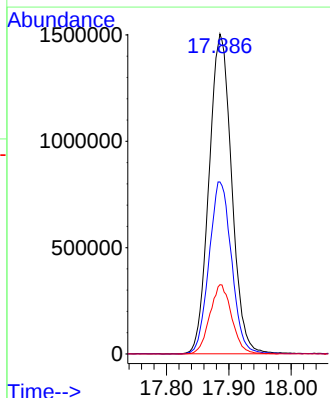
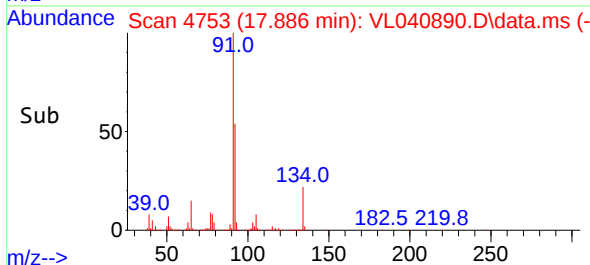
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

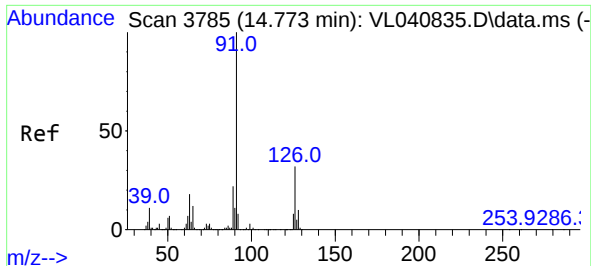


#70
n-Butylbenzene
Concen: 10.079 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



Tgt Ion: 91 Resp: 3789494
Ion Ratio Lower Upper
91 100
92 53.7 43.4 65.2
134 21.1 17.4 26.0





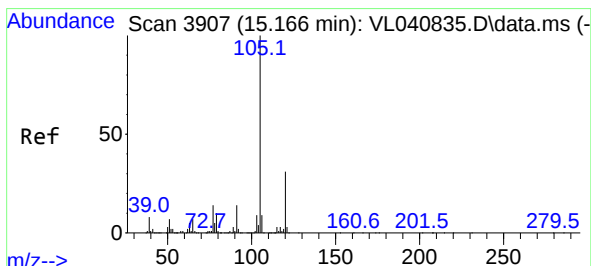
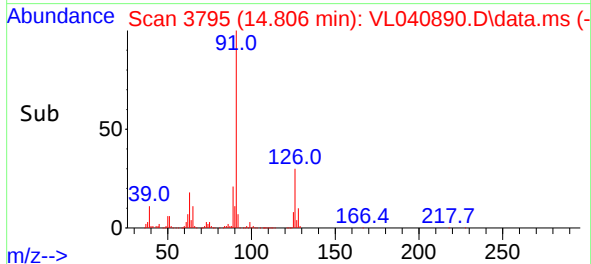
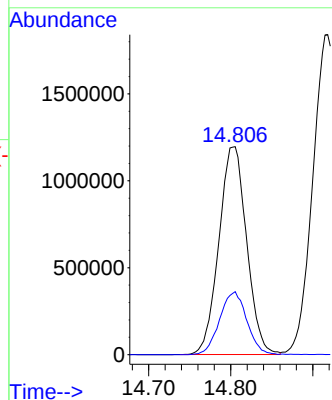
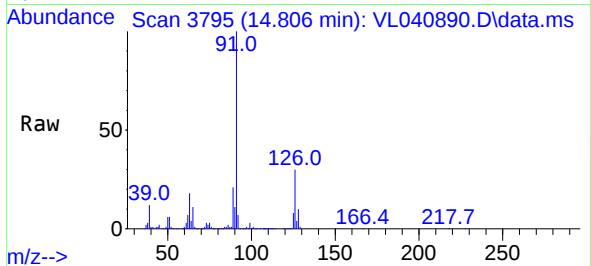
#71
2-Chlorotoluene
Concen: 9.965 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion: 91 Resp: 281605
Ion Ratio Lower Upper
91 100
126 29.8 12.1 48.5

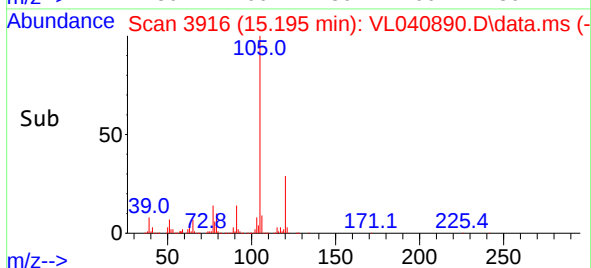
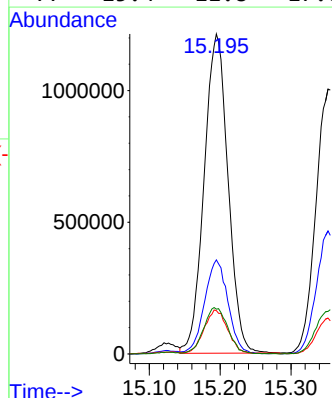
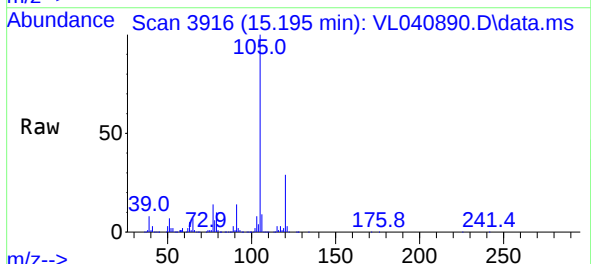
Manual Integrations
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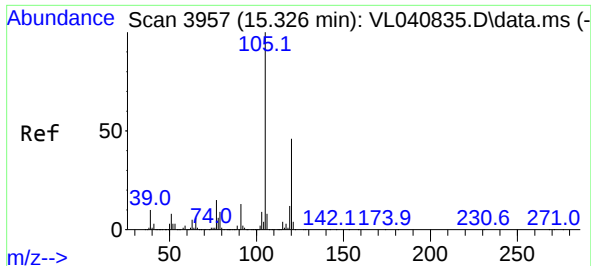
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#72
4-Ethyltoluene
Concen: 10.290 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion:105 Resp: 2838372
Ion Ratio Lower Upper
105 100
120 29.1 24.5 36.7
91 13.7 10.6 16.0
77 15.4 11.8 17.6





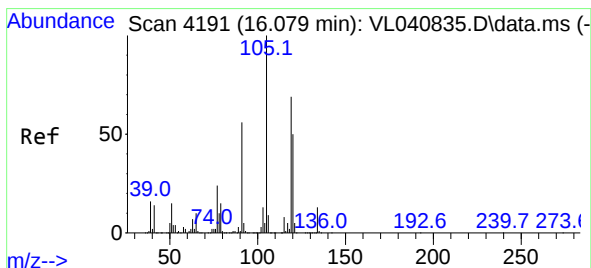
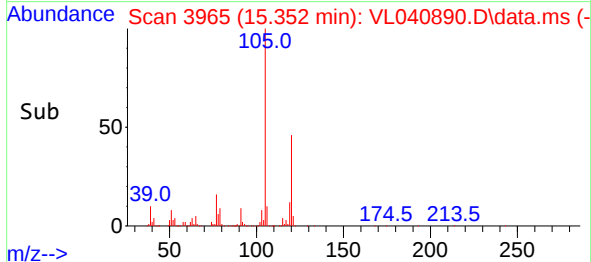
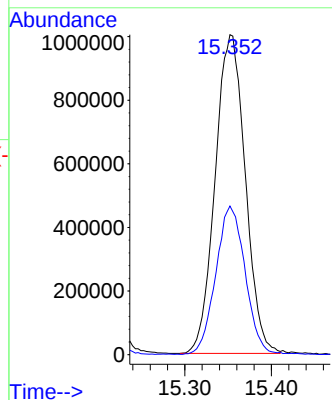
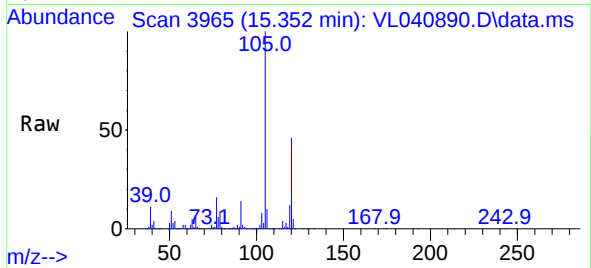
#73
1,3,5-Trimethylbenzene
Concen: 9.915 ppbv
RT: 15.352 min Scan# 3957
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

Tgt Ion:105 Resp: 241855
Ion Ratio Lower Upper
105 100
120 46.5 36.8 55.2

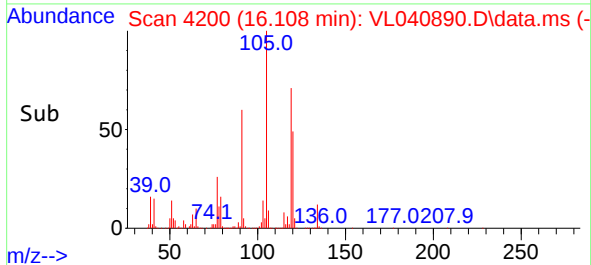
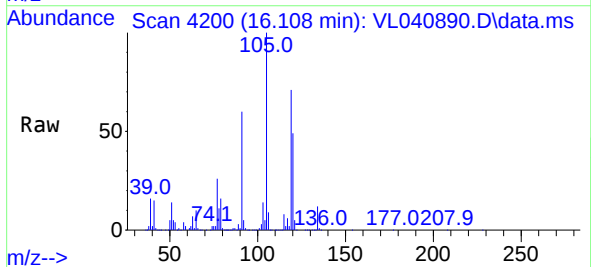
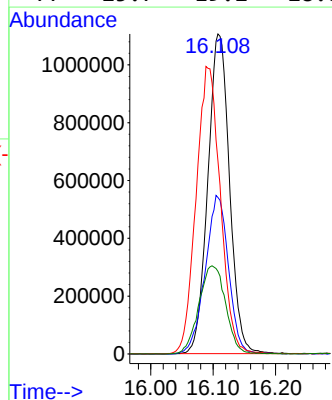
Manual Integrations
APPROVED

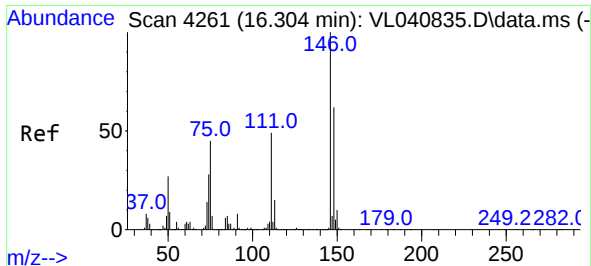
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.818 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion:105 Resp: 2672629
Ion Ratio Lower Upper
105 100
120 48.9 40.2 60.2
91 60.3 45.7 68.5
77 25.7 19.2 28.8





#75

1,3-Dichlorobenzene

Concen: 9.988 ppbv

RT: 16.333 min Scan# 4314

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

Tgt Ion:146 Resp: 1501379

Ion Ratio Lower Upper

146 100

111 48.8 24.9 74.8

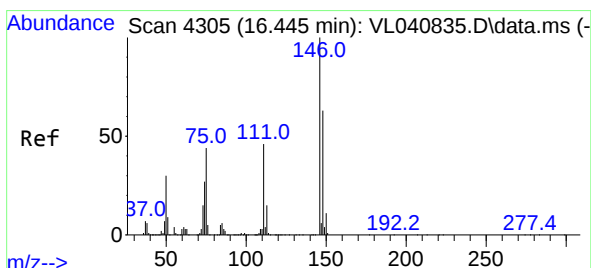
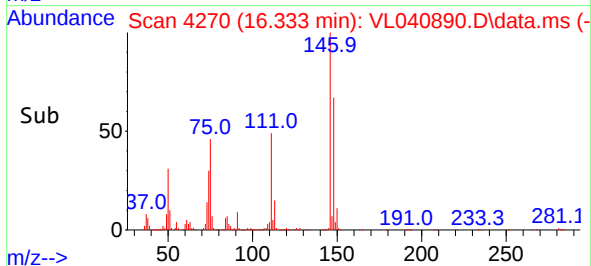
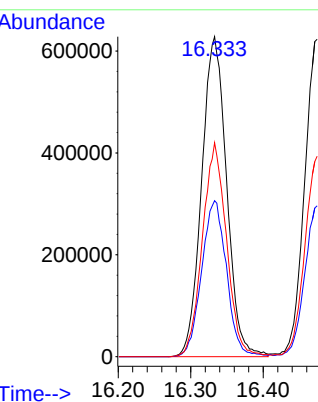
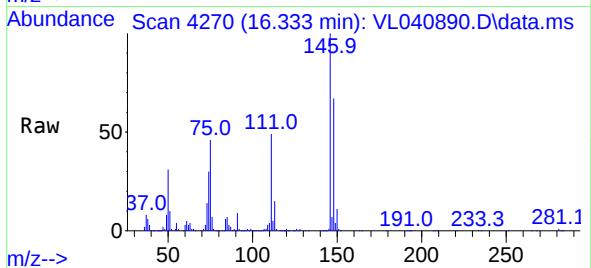
148 64.8 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#76

1,4-Dichlorobenzene

Concen: 10.258 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

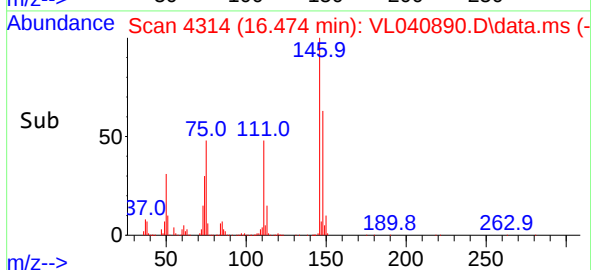
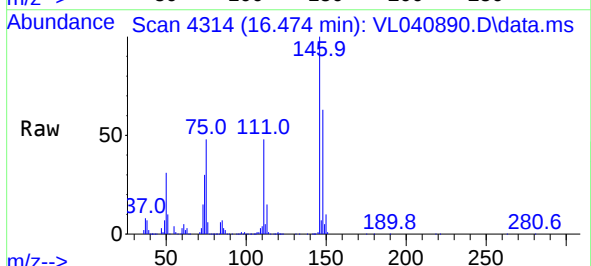
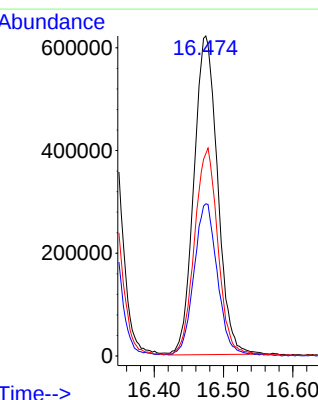
Tgt Ion:146 Resp: 1476176

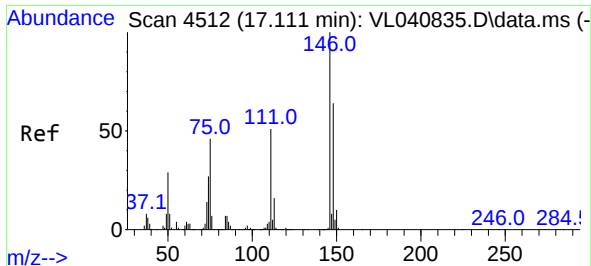
Ion Ratio Lower Upper

146 100

111 47.7 24.1 72.4

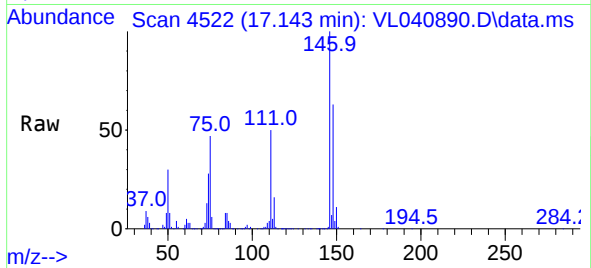
148 64.8 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 9.818 ppbv
RT: 17.143 min Scan# 4512
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

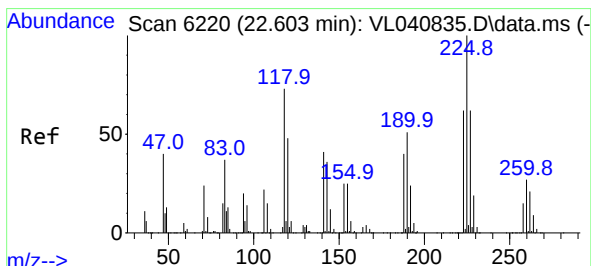
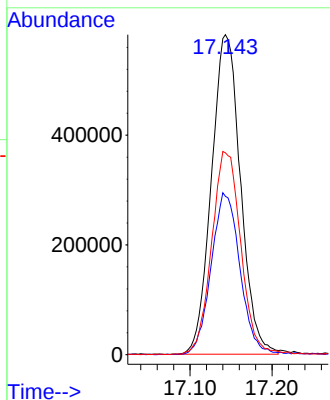
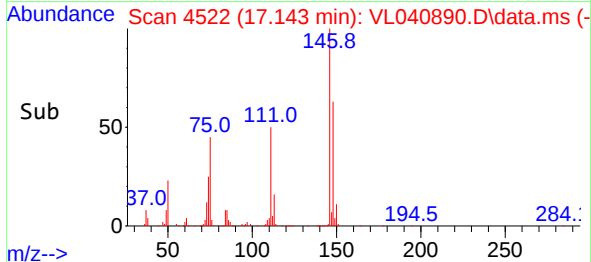
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



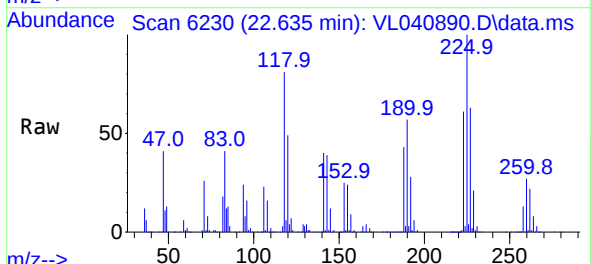
Tgt Ion:146 Resp: 1434970
Ion Ratio Lower Upper
146 100
111 50.9 25.7 77.1
148 63.9 32.3 96.9

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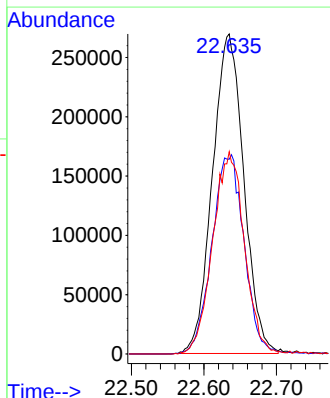
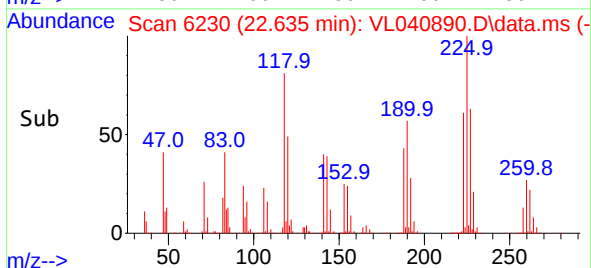
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

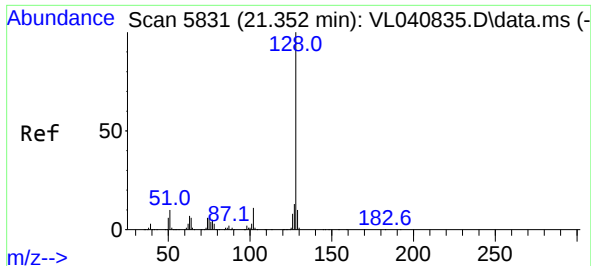


#78
Hexachloro-1,3-Butadiene
Concen: 8.847 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24



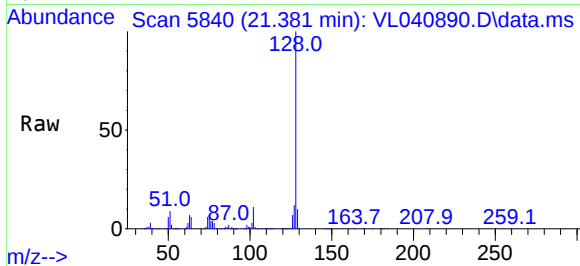
Tgt Ion:225 Resp: 809564
Ion Ratio Lower Upper
225 100
223 64.3 51.1 76.7
227 64.0 50.8 76.2





#79
Naphthalene
Concen: 12.923 ppbv
RT: 21.381 min Scan# 5831
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

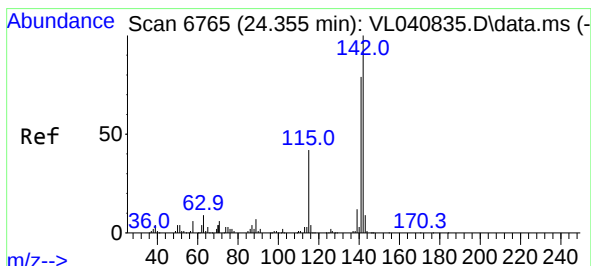
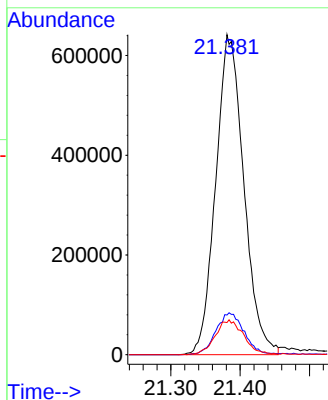
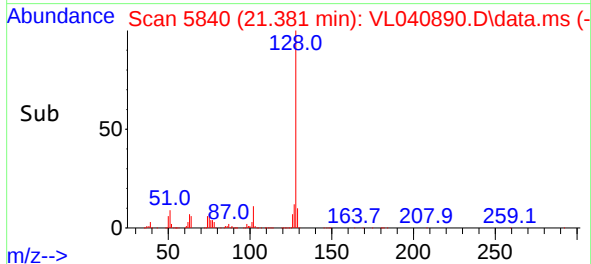
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01



Tgt Ion:128 Resp: 1808130
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 10.1 8.3 12.5

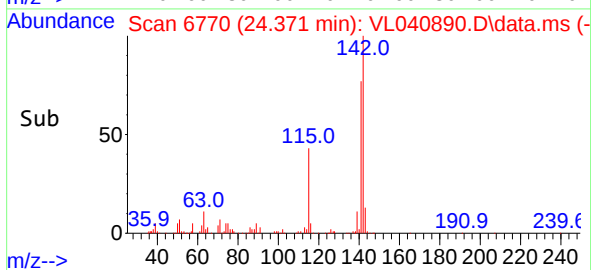
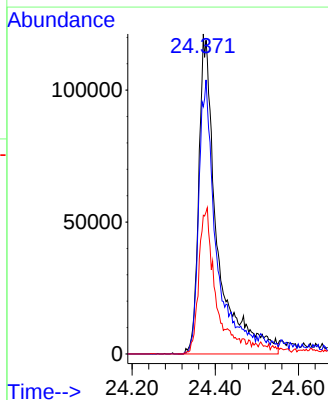
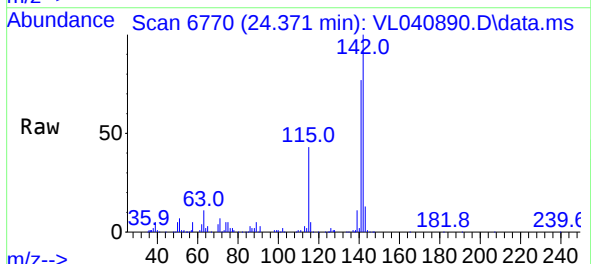
Manual Integrations
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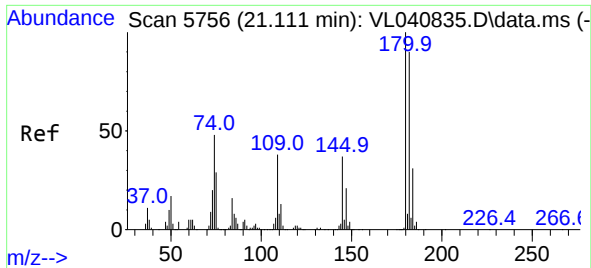
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#80
Naphthalene,2-methyl-
Concen: 15.111 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

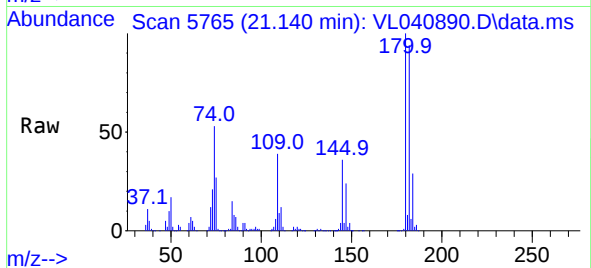
Tgt Ion:142 Resp: 373225
Ion Ratio Lower Upper
142 100
141 84.5 65.8 98.8
115 45.4 35.6 53.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.820 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1117ABS01



Tgt Ion:180 Resp: 92039
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.6 116.4
 184 30.8 24.2 36.2

Manual Integrations
 APPROVED

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

