

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040888.D
 Acq On : 17 Nov 2023 9:58
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 03:50:45 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)

Internal Standards						
1) Bromochloromethane	5.211	49	977278	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2368371	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2373415m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1815138 9.768 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.774	85	1904193	9.611	ppbv	99
3) Chlorodifluoromethane	2.719	51	1532852	9.824	ppbv	99
4) Chloromethane	2.854	50	552374	9.845	ppbv	99
5) Vinyl Chloride	2.961	62	582356	10.436	ppbv	99
6) Bromomethane	3.157	94	210582	9.886	ppbv	95
7) Chloroethane	3.234	64	194935	10.088	ppbv	96
8) Dichlorotetrafluoroethane	2.899	85	1406991	9.836	ppbv	98
9) Propene	2.739	41	515569	9.805	ppbv	99
10) Heptane	7.587	43	1285789	9.939	ppbv	99
11) Trichlorofluoromethane	3.594	101	1494730	9.819	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.096	101	1067123	9.868	ppbv	97
13) Ethanol	3.279	45	93659	9.173	ppbv #	100
14) Bromoethene	3.401	108	446477	10.264	ppbv	99
15) Acetone	3.501	43	1000900	9.616	ppbv	99
16) 1,3-Butadiene	3.025	39	565146	10.732	ppbv	99
17) tert-Butyl alcohol	3.909	59	900685	10.119	ppbv	100
18) 1,1-Dichloroethene	3.912	96	454130	9.421	ppbv	99
19) Isopropyl Alcohol	3.610	45	654997	10.457	ppbv #	99
20) Methylene Chloride	3.964	84	494658	11.516	ppbv	98
21) Allyl Chloride	4.025	41	686227	10.302	ppbv	100
22) trans-1,2-Dichloroethene	4.468	96	583160	10.660	ppbv	98
23) Vinyl Acetate	4.649	43	1468030	10.923	ppbv	99
24) 1,1-Dichloroethane	4.587	63	1238457	10.338	ppbv	97
25) Ethyl Acetate	5.221	43	2228459	10.340	ppbv	100
26) Hexane	5.231	57	981091	10.286	ppbv	100
27) Carbon Disulfide	4.153	76	1222673	10.109	ppbv	99
28) Methyl tert-Butyl Ether	4.610	73	894592	10.371	ppbv	100
29) Chloroform	5.295	83	1588905	9.829	ppbv	99
30) Cyclohexane	6.613	84	785593	9.574	ppbv	96
31) cis-1,2-Dichloroethene	5.099	61	985203	10.438	ppbv	98
32) 1,1,1-Trichloroethane	6.018	97	1600361	10.611	ppbv	100
34) 2-Butanone	4.806	43	1385888	11.486	ppbv	98
35) Carbon Tetrachloride	6.507	117	1684134	11.590	ppbv	99
36) Benzene	6.385	78	1981621	10.309	ppbv	100
37) 1,2-Dichloroethane	5.822	62	1250451	11.030	ppbv	99
38) Trichloroethene	7.298	130	745981	9.984	ppbv	97
39) 1,2-Dichloropropane	7.083	63	782883	10.272	ppbv	100
40) 1,4-Dioxane	7.292	88	312804	10.344	ppbv #	97
41) Tetrahydrofuran	5.575	42	836674	11.263	ppbv	98
42) Bromodichloromethane	7.259	83	1796951	11.076	ppbv	99
43) Methyl Methacrylate	7.478	69	832541	11.366	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3319596	10.397	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	550938	12.799	ppbv	95

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

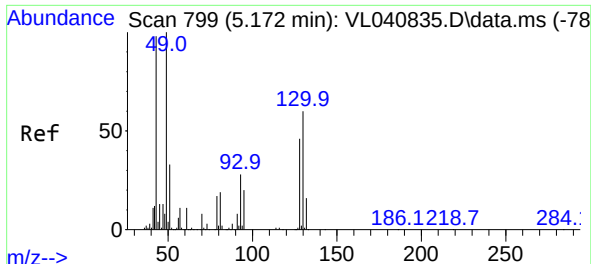
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

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	8.147	75	664220	11.901	ppbv	97
47) 1,1,2-Trichloroethane	8.899	97	828444	10.374	ppbv	97
48) Dibromochloromethane	9.713	129	1473583	11.121	ppbv	99
49) Bromoform	12.404	173	1183966	11.879	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2134781	11.433	ppbv	99
51) 2-Hexanone	9.549	43	1562717	11.873	ppbv	98
52) Tetrachloroethene	10.616	164	668336	10.325	ppbv	98
53) Toluene	9.224	91	2242902	10.604	ppbv	99
54) 1,2-Dibromoethane	10.008	107	1142531	11.117	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	1046765	10.305	ppbv	97
57) Chlorobenzene	11.523	112	1717750	9.764	ppbv	98
58) Ethyl Benzene	12.086	91	3055704	9.868	ppbv	99
59) m/p-Xylene	12.368	91	5237891m	19.863	ppbv	
60) o-Xylene	13.053	91	2498865	9.954	ppbv	97
61) Styrene	12.893	104	1268245	10.476	ppbv	99
62) Isopropylbenzene	14.024	105	3595958	9.695	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	1795826	10.093	ppbv	100
64) n-propylbenzene	14.909	120	919406	9.891	ppbv	93
65) tert-Butylbenzene	16.082	119	3105567	9.931	ppbv	98
66) Benzyl Chloride	16.327	91	134563m	11.677	ppbv	
67) sec-Butylbenzene	16.629	105	4412020	9.876	ppbv	99
69) p-Isopropyltoluene	16.986	119	3522914	9.890	ppbv	99
70) n-Butylbenzene	17.880	91	3764447	10.008	ppbv	100
71) 2-Chlorotoluene	14.796	91	2811598	9.944	ppbv	100
72) 4-Ethyltoluene	15.185	105	2829454	10.253	ppbv	97
73) 1,3,5-Trimethylbenzene	15.343	105	2439340	9.995	ppbv	96
74) 1,2,4-Trimethylbenzene	16.101	105	2668102	9.796	ppbv	96
75) 1,3-Dichlorobenzene	16.323	146	1501039	9.981	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1462102	10.155	ppbv	100
77) 1,2-Dichlorobenzene	17.134	146	1437741	9.832	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	809104	8.837	ppbv	100
79) Naphthalene	21.378	128	1741003	12.437	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	264218	10.692	ppbv #	84
81) 1,2,4-Trichlorobenzene	21.127	180	881600	10.359	ppbv	98

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



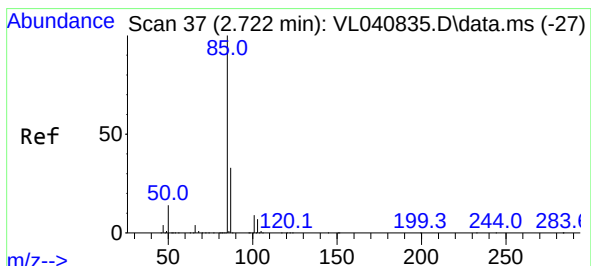
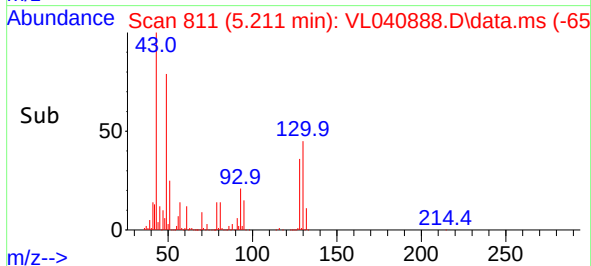
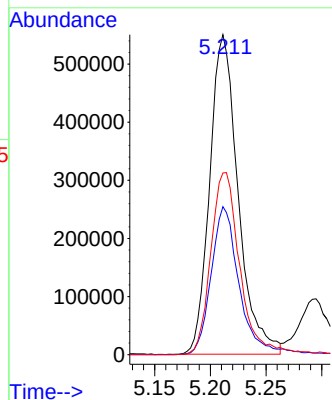
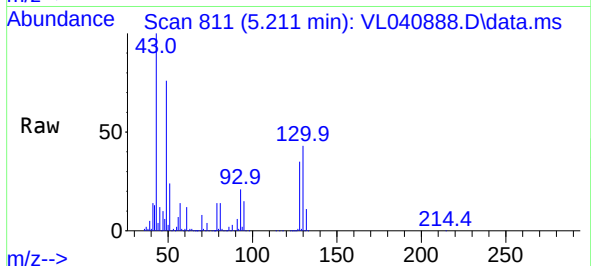
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 977278
Ion Ratio Lower Upper
49 100
128 46.3 23.8 71.2
130 59.3 30.9 92.8

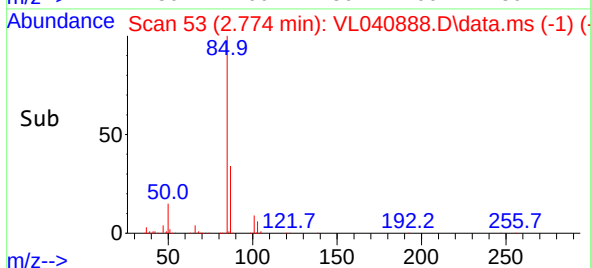
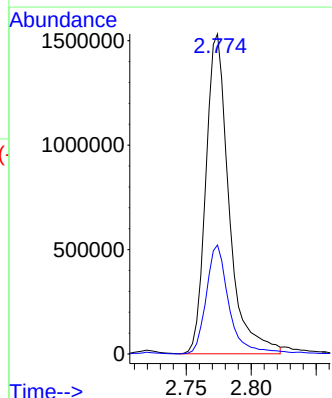
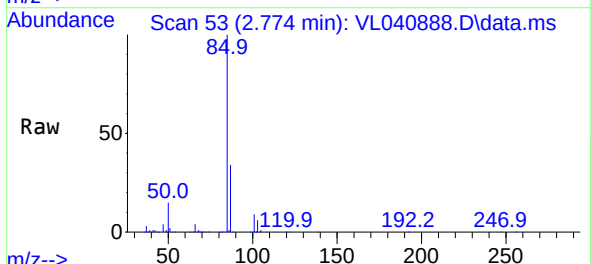
Manual Integrations
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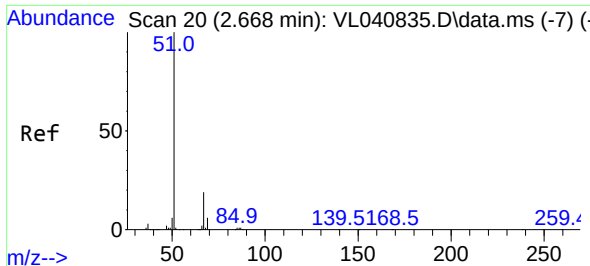
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#2
Dichlorodifluoromethane
Concen: 9.611 ppbv
RT: 2.774 min Scan# 53
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

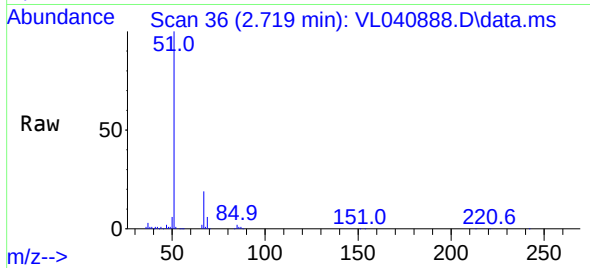
Tgt Ion: 85 Resp: 1904193
Ion Ratio Lower Upper
85 100
87 34.0 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.824 ppbv
RT: 2.719 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

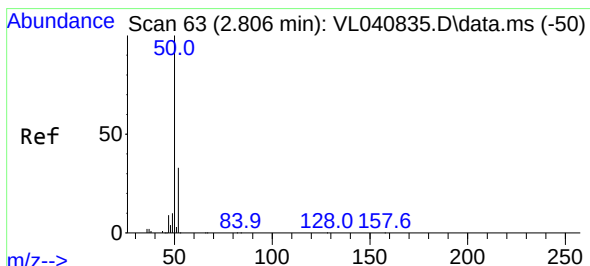
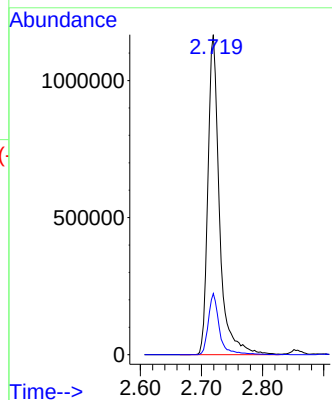
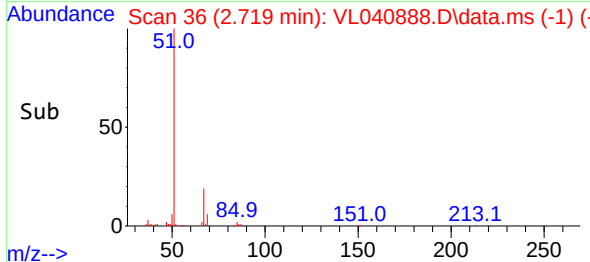
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1532852
Ion Ratio Lower Upper
51 100
67 18.4 15.0 22.4

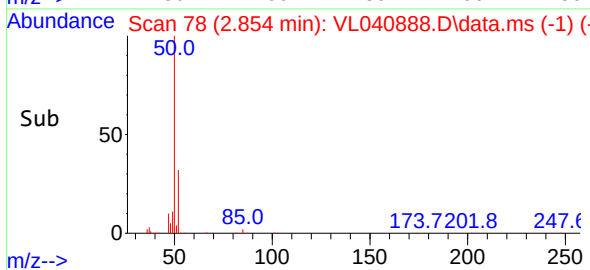
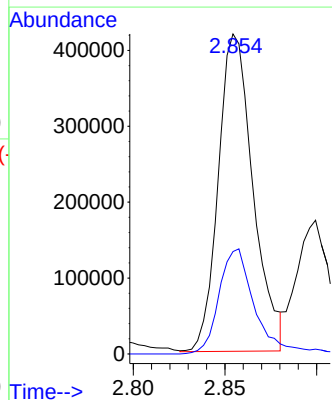
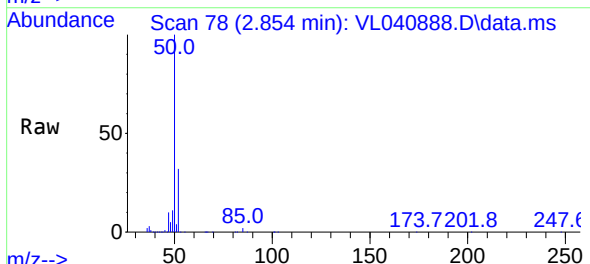
Manual Integrations
APPROVED

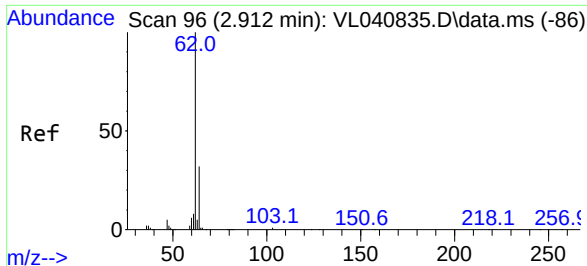
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#4
Chloromethane
Concen: 9.845 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

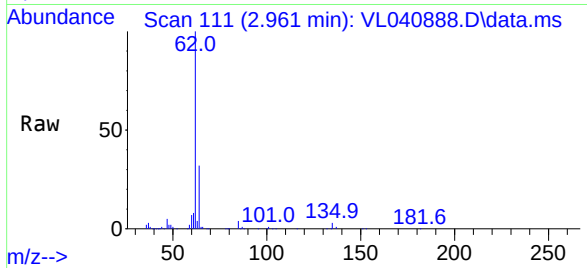
Tgt Ion: 50 Resp: 552374
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7





#5
 Vinyl Chloride
 Concen: 10.436 ppbv
 RT: 2.961 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VL040888.D
 Acq: 17 Nov 2023 9:58

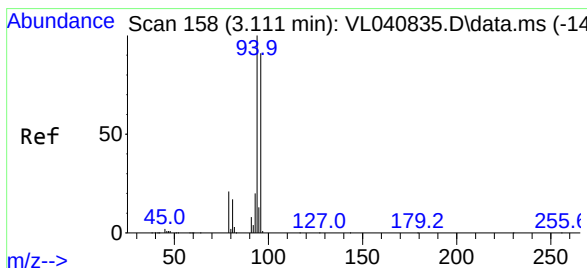
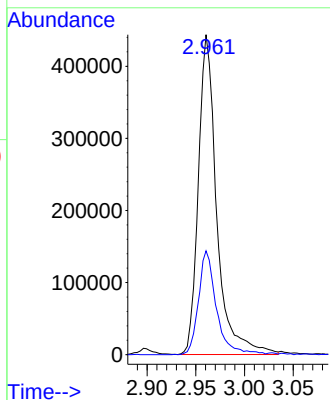
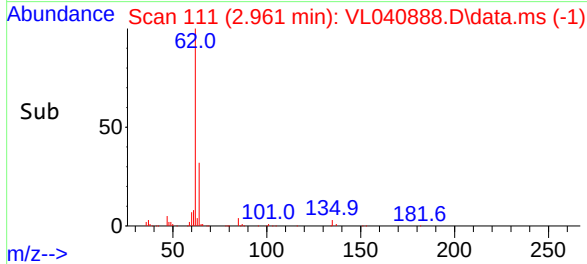
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



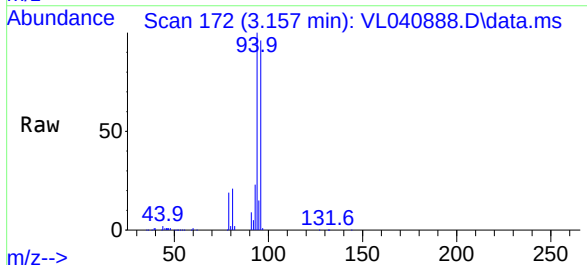
Tgt Ion: 62 Resp: 582350
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.4 38.2

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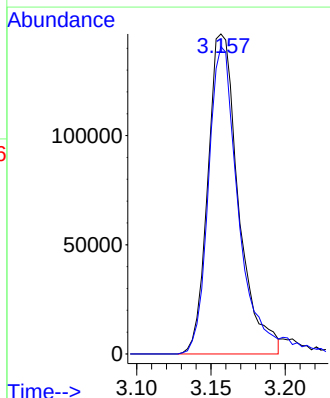
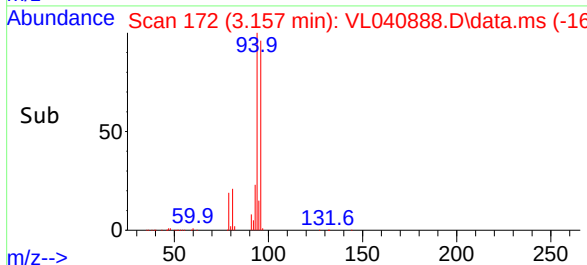
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

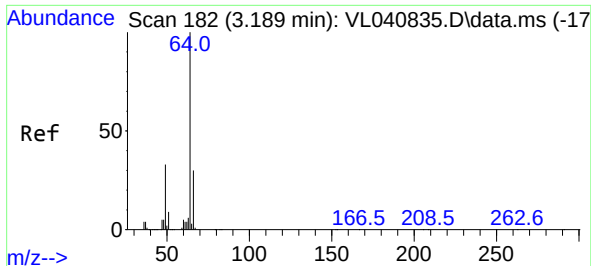


#6
 Bromomethane
 Concen: 9.886 ppbv
 RT: 3.157 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VL040888.D
 Acq: 17 Nov 2023 9:58



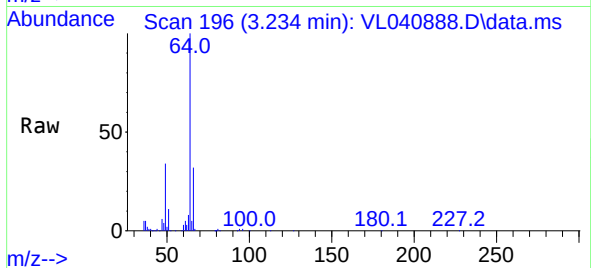
Tgt Ion: 94 Resp: 210582
 Ion Ratio Lower Upper
 94 100
 96 96.1 73.0 109.4





#7
Chloroethane
Concen: 10.088 ppbv
RT: 3.234 min Scan# 194938
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

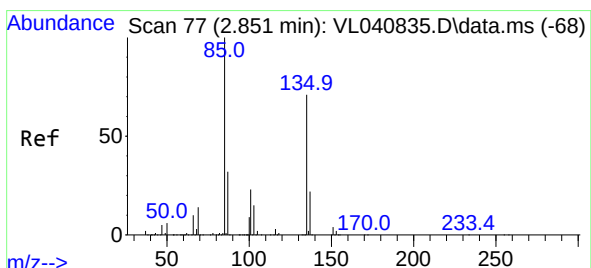
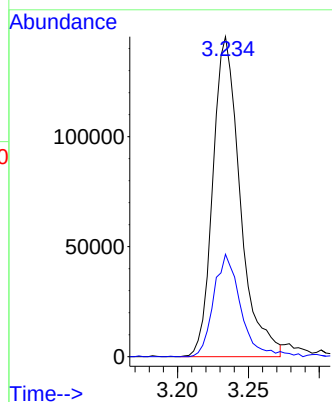
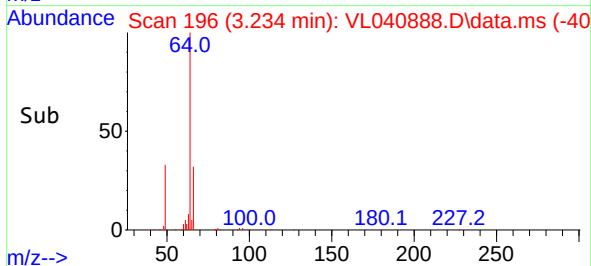
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



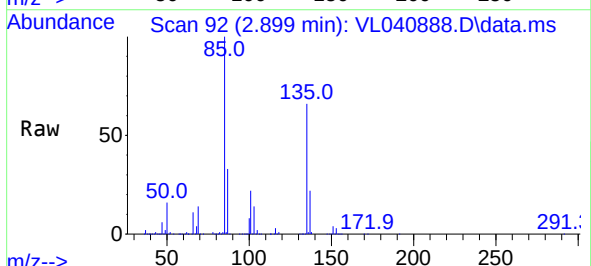
Tgt Ion: 64 Resp: 194938
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.6

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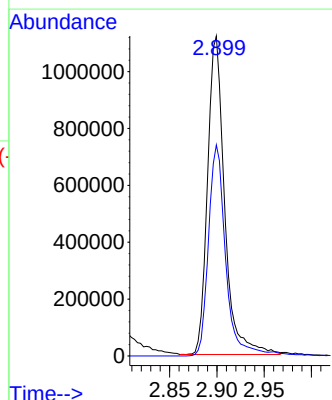
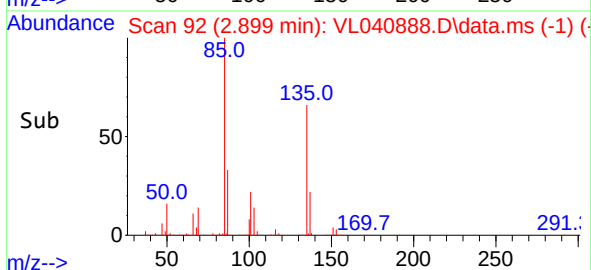
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



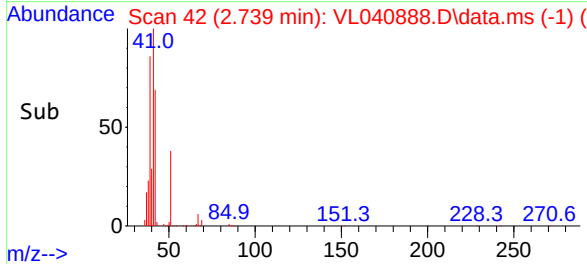
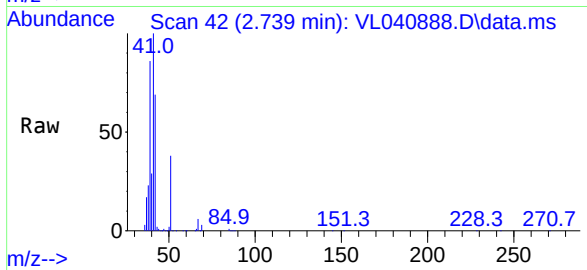
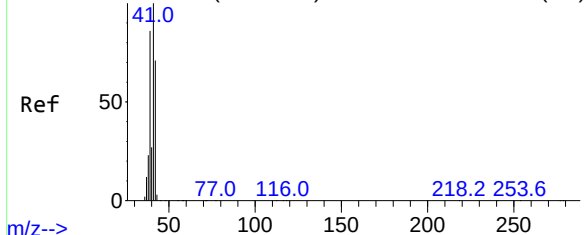
#8
Dichlorotetrafluoroethane
Concen: 9.836 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



Tgt Ion: 85 Resp: 1406991
Ion Ratio Lower Upper
85 100
135 67.7 55.3 82.9



Abundance Scan 26 (2.687 min): VL040835.D\data.ms (-18)



#9

Propene

Concen: 9.805 ppbv

RT: 2.739 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040888.D

Acq: 17 Nov 2023 9:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 515569

Ion Ratio Lower Upper

41 100

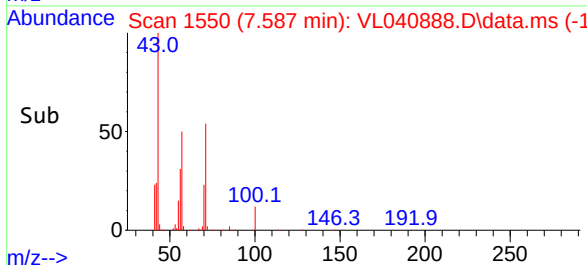
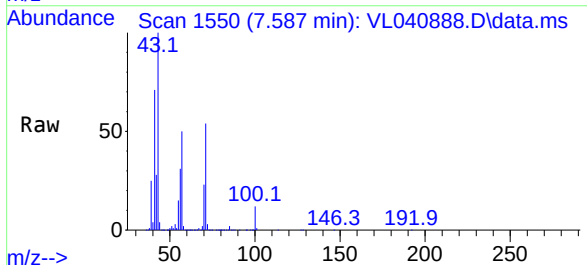
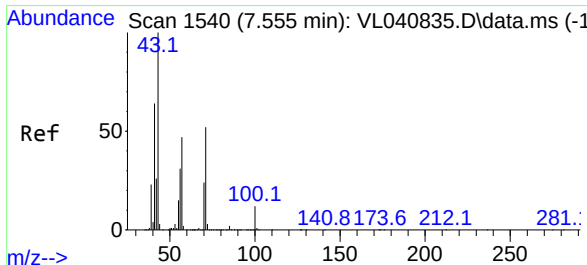
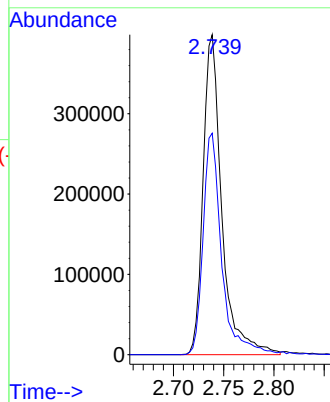
42 69.4 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#10

Heptane

Concen: 9.939 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. 0.000 min

Lab File: VL040888.D

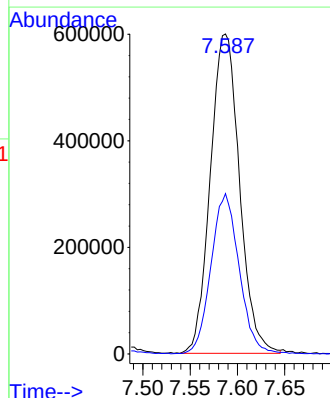
Acq: 17 Nov 2023 9:58

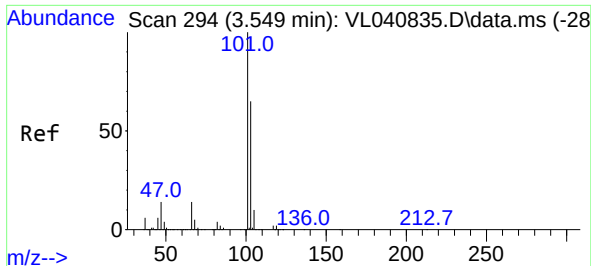
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Ion Ratio Lower Upper

43 100

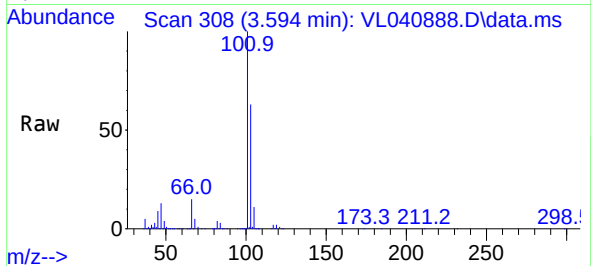
57 48.5 39.4 59.0





#11
Trichlorofluoromethane
Concen: 9.819 ppbv
RT: 3.594 min Scan# 308
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

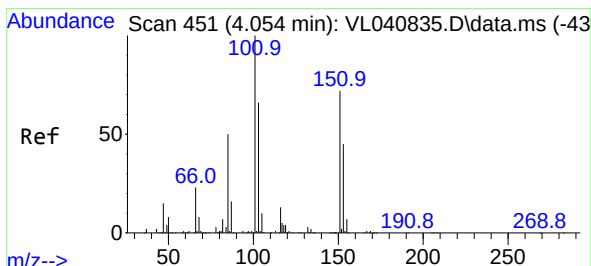
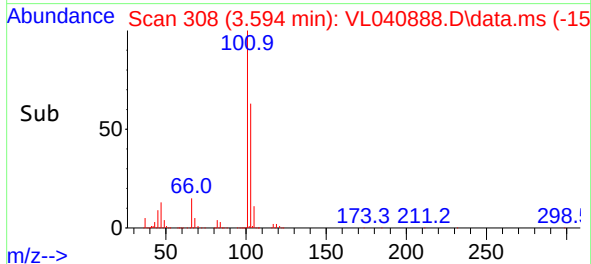
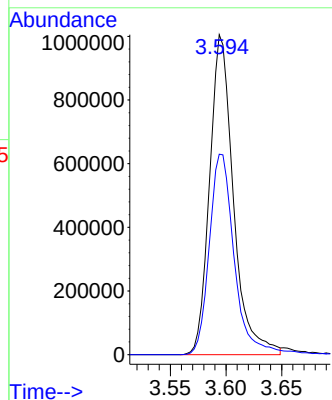
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 1494730
Ion Ratio Lower Upper
101 100
103 62.6 51.8 77.8

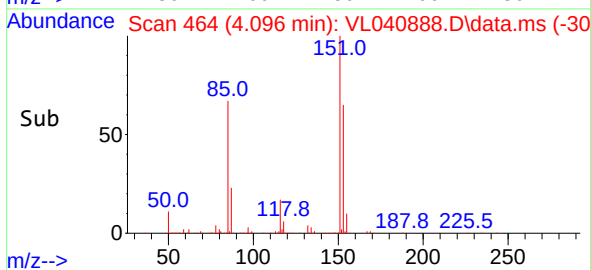
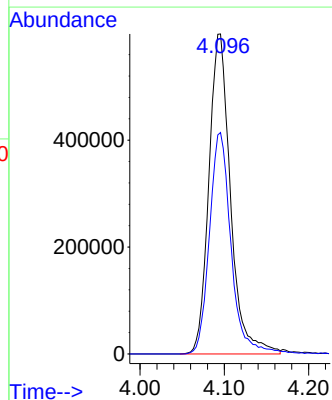
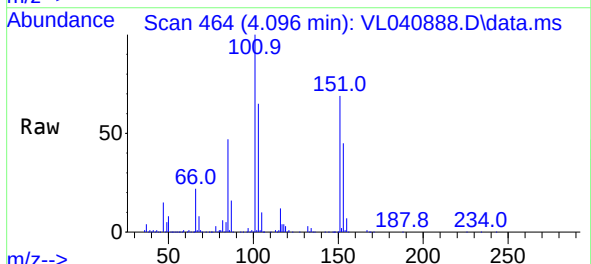
Manual Integrations
APPROVED

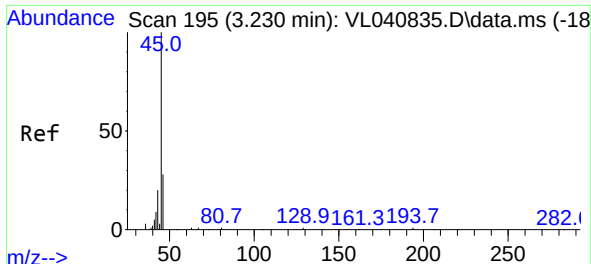
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.868 ppbv
RT: 4.096 min Scan# 464
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

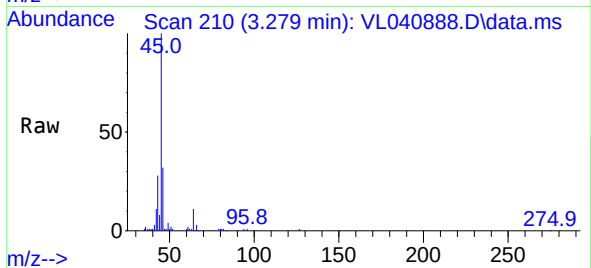
Tgt Ion:101 Resp: 1067123
Ion Ratio Lower Upper
101 100
151 69.6 57.8 86.6





#13
Ethanol
Concen: 9.173 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

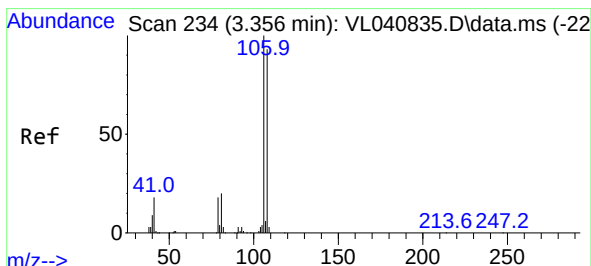
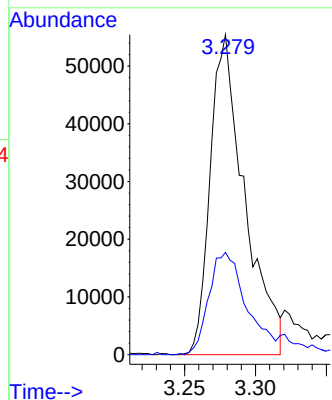
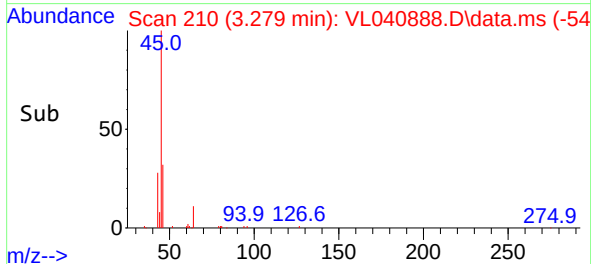
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



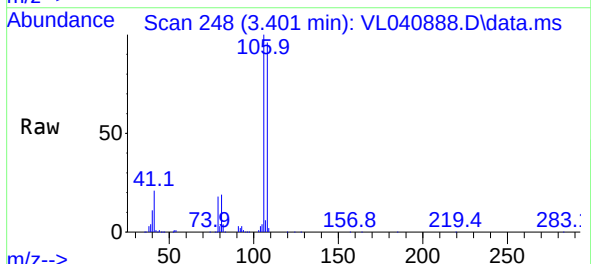
Tgt Ion: 45 Resp: 93659
Ion Ratio Lower Upper
45 100
46 39.5 0.0 0.0

Manual Integrations
APPROVED

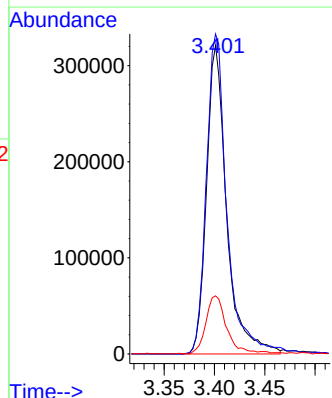
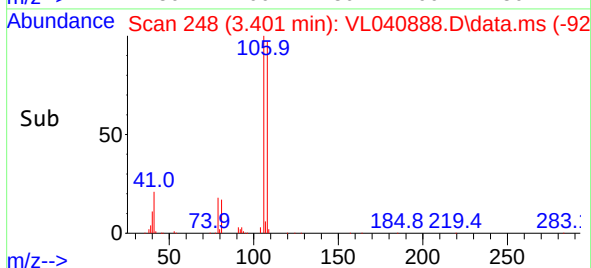
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

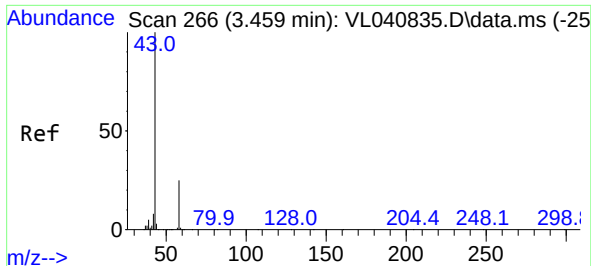


#14
Bromoethene
Concen: 10.264 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



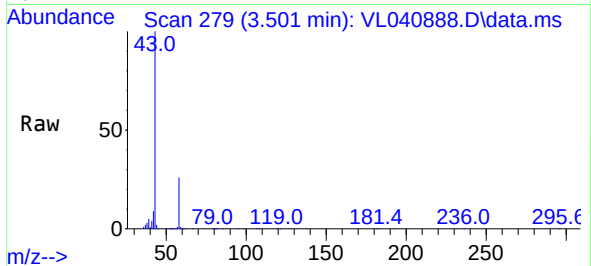
Tgt Ion:108 Resp: 446477
Ion Ratio Lower Upper
108 100
106 107.6 85.4 128.2
79 20.1 16.7 25.1





#15
Acetone
Concen: 9.616 ppbv
RT: 3.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

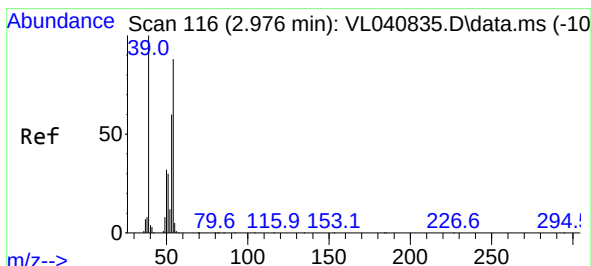
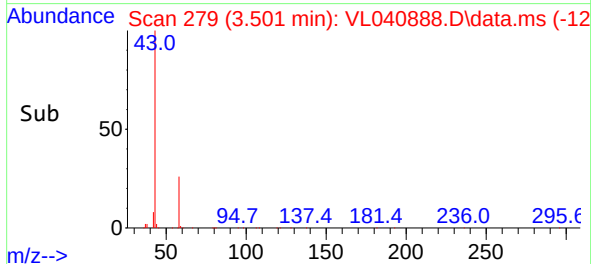
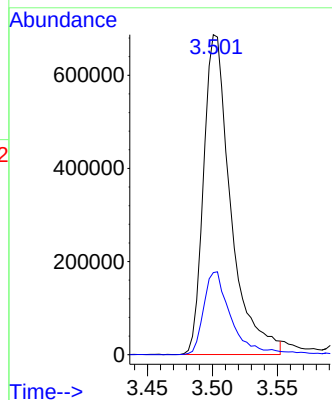
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1000900
Ion Ratio Lower Upper
43 100
58 26.7 20.9 31.3

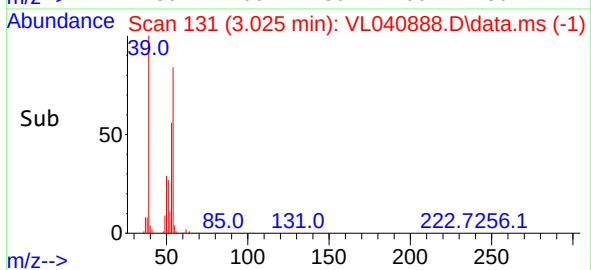
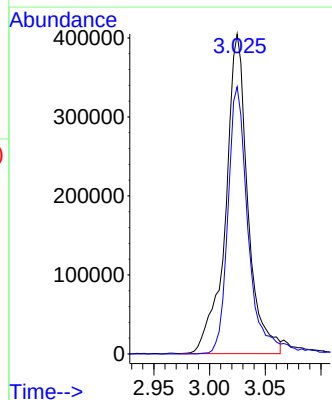
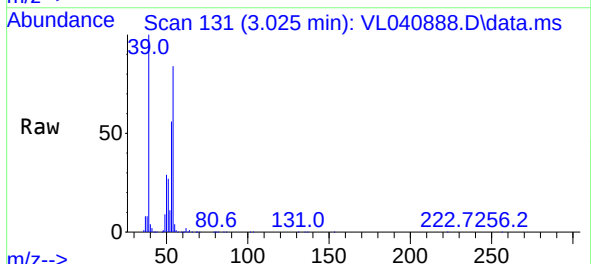
Manual Integrations
APPROVED

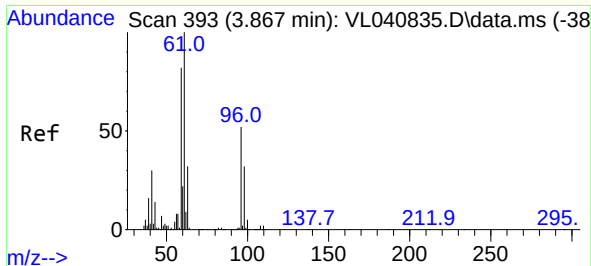
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#16
1,3-Butadiene
Concen: 10.732 ppbv
RT: 3.025 min Scan# 131
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

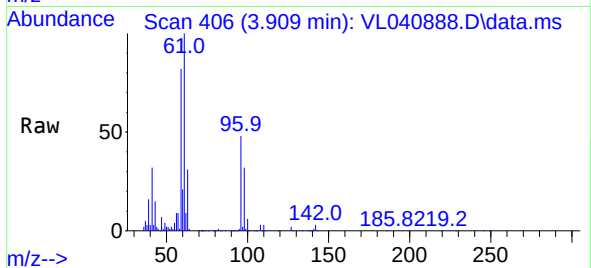
Tgt Ion: 39 Resp: 565146
Ion Ratio Lower Upper
39 100
54 77.7 61.8 92.6





#17
tert-Butyl alcohol
Concen: 10.119 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

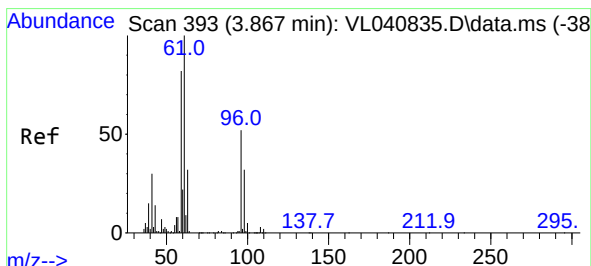
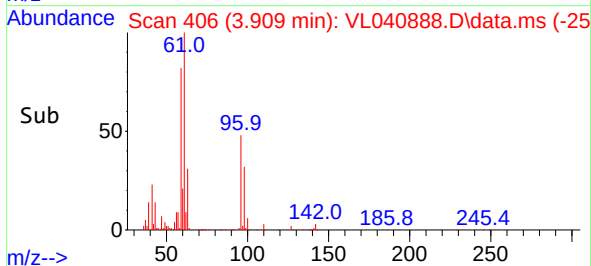
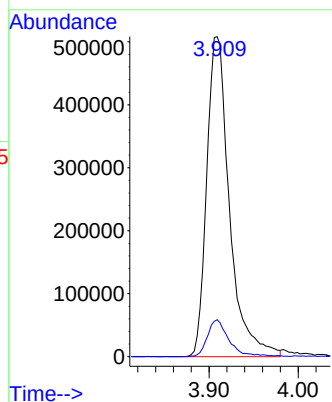
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 900685
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

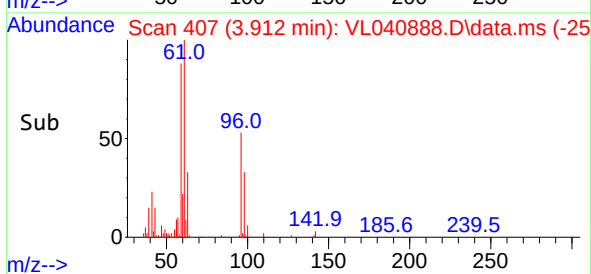
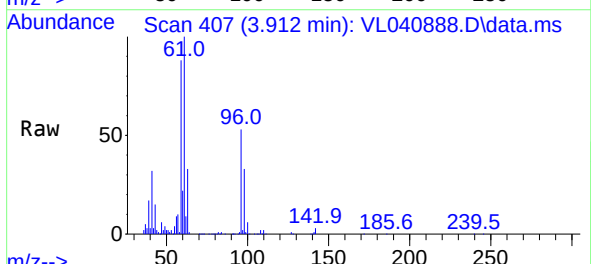
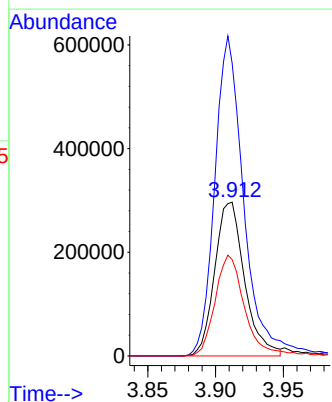
Manual Integrations
APPROVED

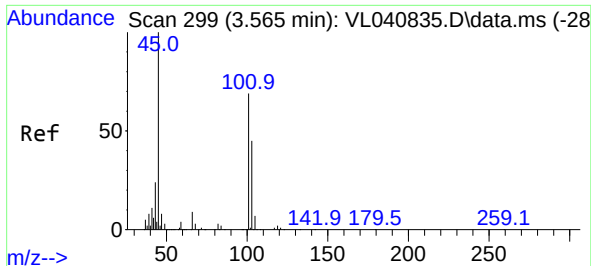
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#18
1,1-Dichloroethene
Concen: 9.421 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

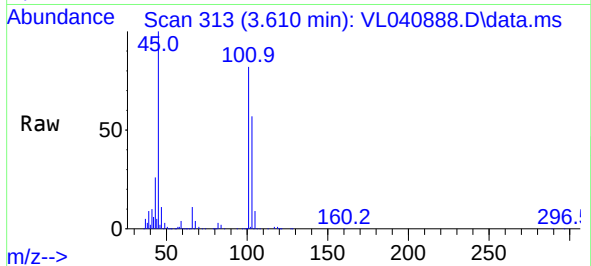
Tgt Ion: 96 Resp: 454130
Ion Ratio Lower Upper
96 100
61 190.1 152.6 228.8
98 62.7 49.2 73.8





#19
Isopropyl Alcohol
Concen: 10.457 ppbv
RT: 3.610 min Scan# 313
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

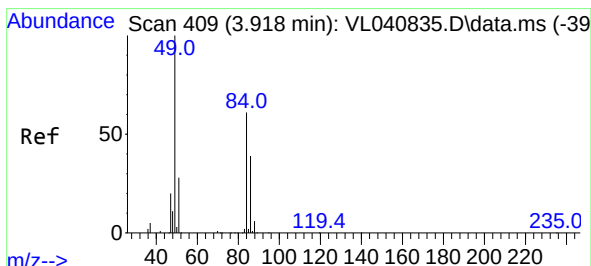
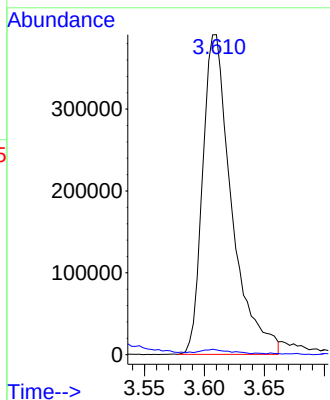
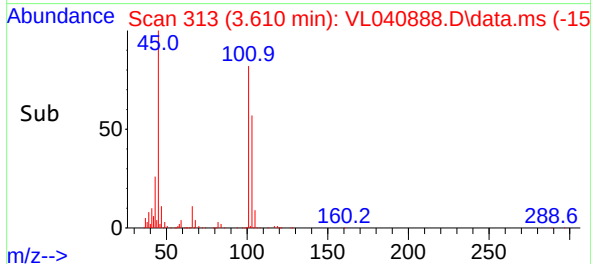
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



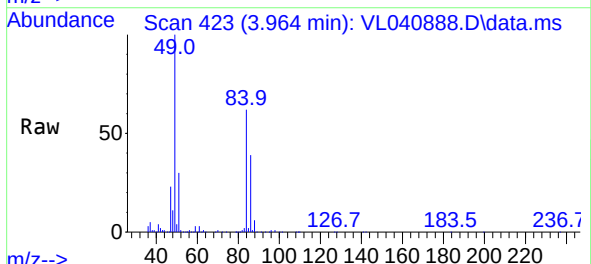
Tgt Ion: 45 Resp: 65499
Ion Ratio Lower Upper
45 100
58 2.5 1.6 2.4

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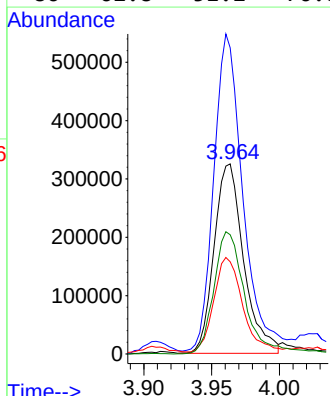
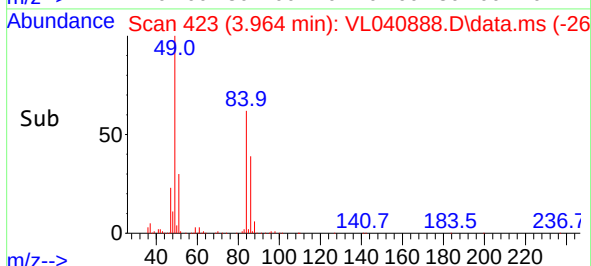
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

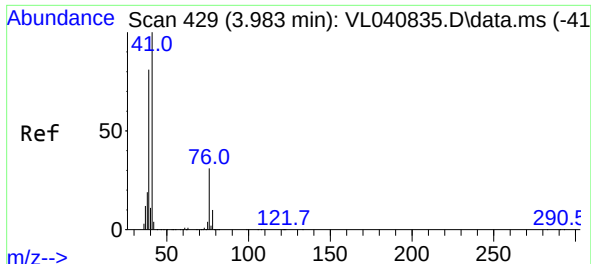


#20
Methylene Chloride
Concen: 11.516 ppbv
RT: 3.964 min Scan# 423
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



Tgt Ion: 84 Resp: 494658
Ion Ratio Lower Upper
84 100
49 159.7 131.0 196.4
51 47.0 36.9 55.3
86 62.8 51.2 76.8





#21

Allyl Chloride

Concen: 10.302 ppbv

RT: 4.025 min Scan# 44

Delta R.T. 0.000 min

Lab File: VL040888.D

Acq: 17 Nov 2023 9:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 68622

Ion Ratio Lower Upper

41 100

76 30.4 24.4 36.6

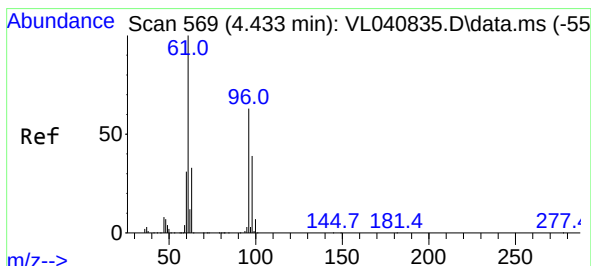
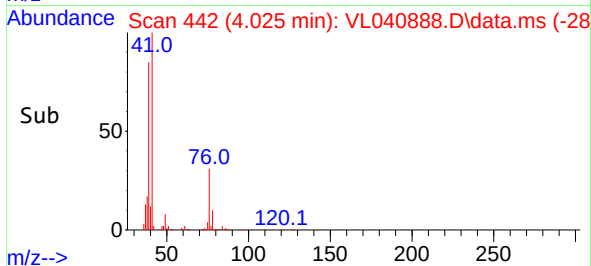
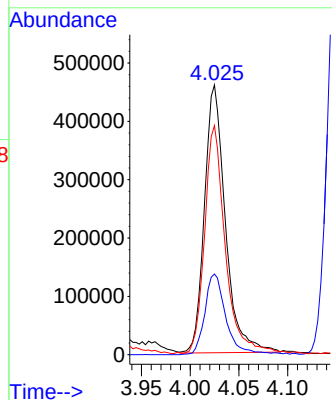
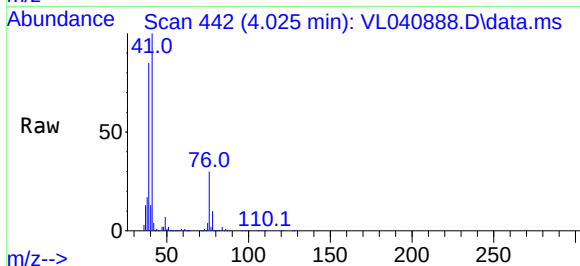
39 85.1 68.1 102.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#22

trans-1,2-Dichloroethene

Concen: 10.660 ppbv

RT: 4.468 min Scan# 580

Delta R.T. 0.000 min

Lab File: VL040888.D

Acq: 17 Nov 2023 9:58

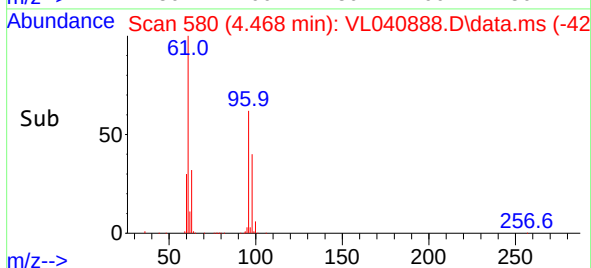
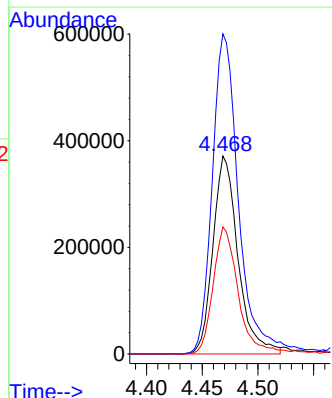
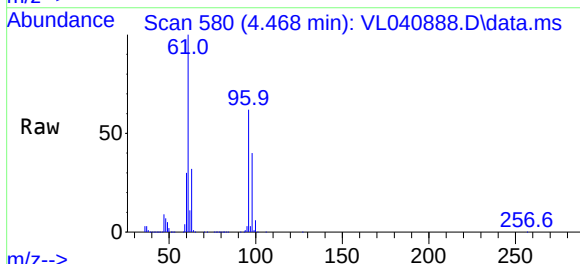
Tgt Ion: 96 Resp: 583160

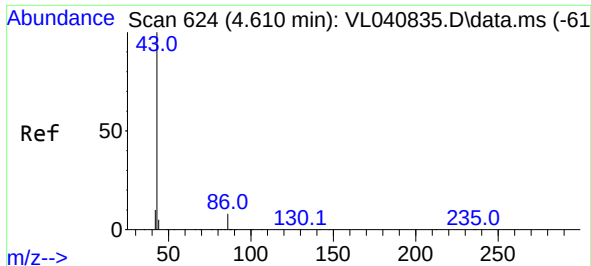
Ion Ratio Lower Upper

96 100

61 161.6 126.8 190.2

98 64.1 49.9 74.9





#23
 Vinyl Acetate
 Concen: 10.923 ppbv
 RT: 4.649 min Scan# 617
 Delta R.T. 0.000 min
 Lab File: VL040888.D
 Acq: 17 Nov 2023 9:58

Instrument :

MSVOA_L

ClientSampleId :

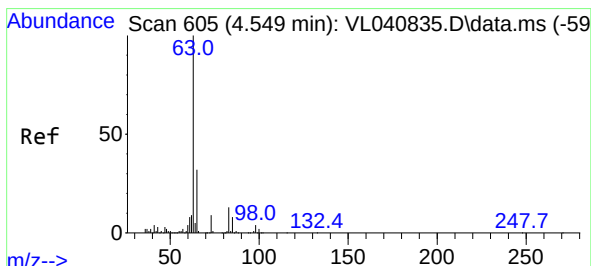
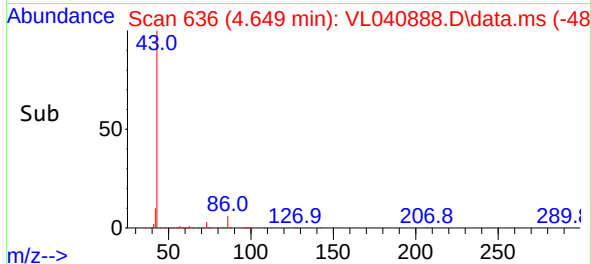
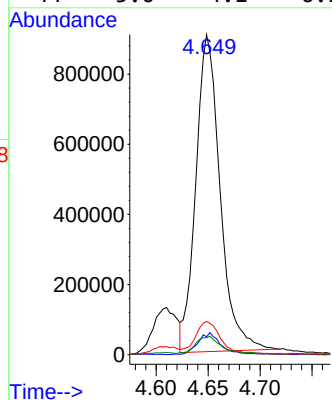
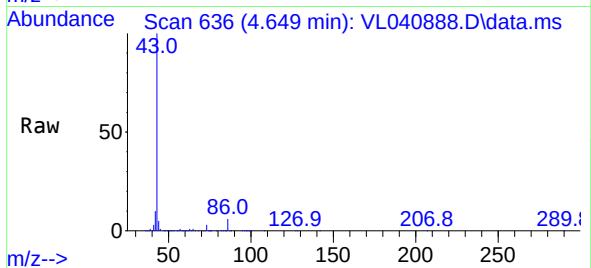
VSTDCCC010

Tgt Ion: 43 Resp: 1468030
 Ion Ratio Lower Upper
 43 100
 86 5.6 5.5 8.3
 42 10.3 8.2 12.2
 44 5.0 4.1 6.1

Manual Integrations

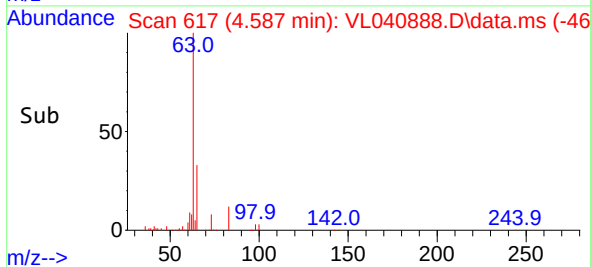
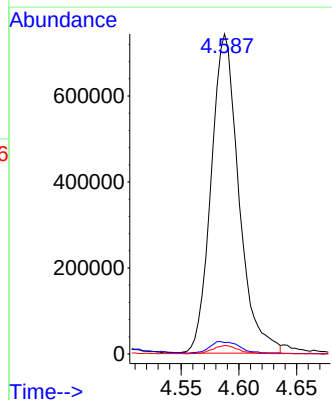
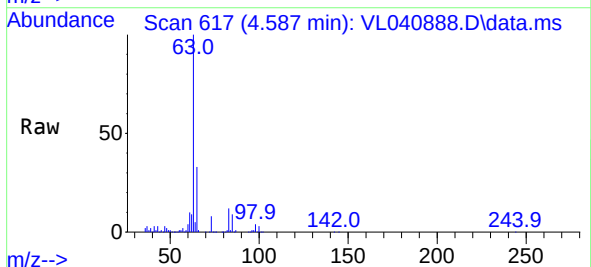
APPROVED

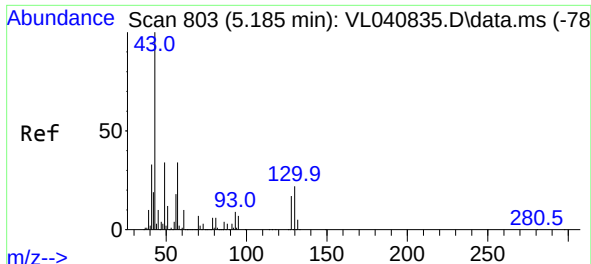
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#24
 1,1-Dichloroethane
 Concen: 10.338 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.000 min
 Lab File: VL040888.D
 Acq: 17 Nov 2023 9:58

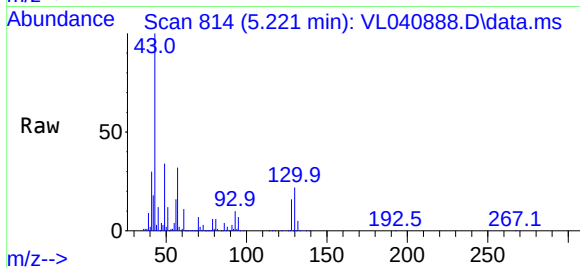
Tgt Ion: 63 Resp: 1238457
 Ion Ratio Lower Upper
 63 100
 98 3.3 2.2 6.6
 100 2.6 1.0 3.0





#25
Ethyl Acetate
Concen: 10.340 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

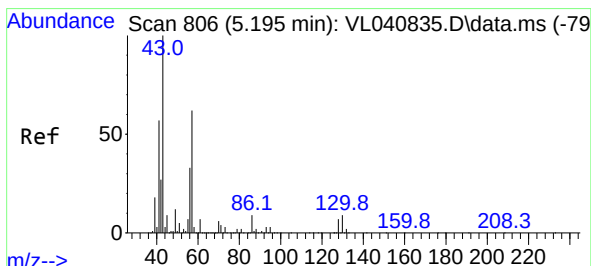
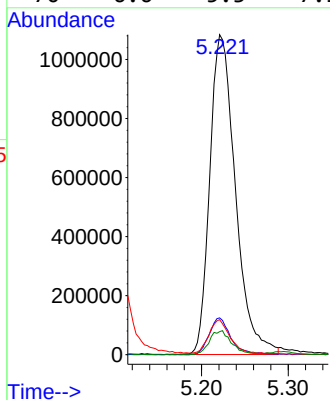
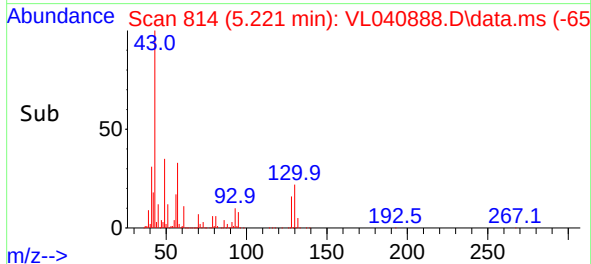
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



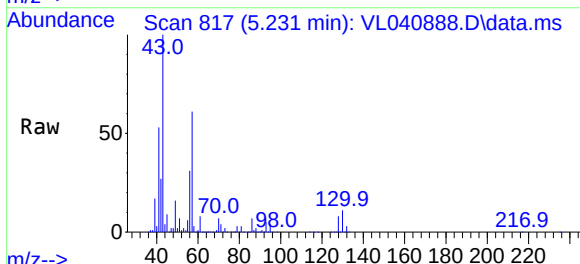
Tgt Ion: 43 Resp: 2228459
Ion Ratio Lower Upper
43 100
45 10.0 8.1 12.1
61 9.4 7.8 11.6
70 6.6 5.3 7.9

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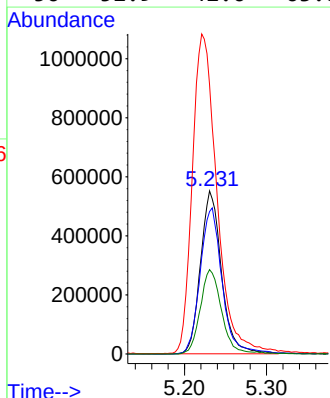
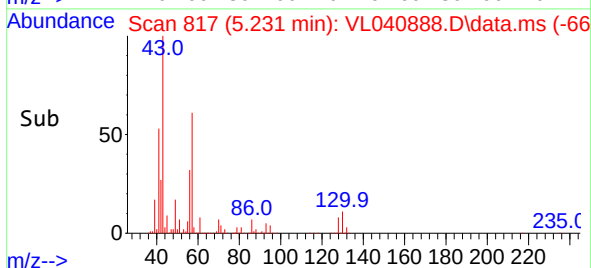
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

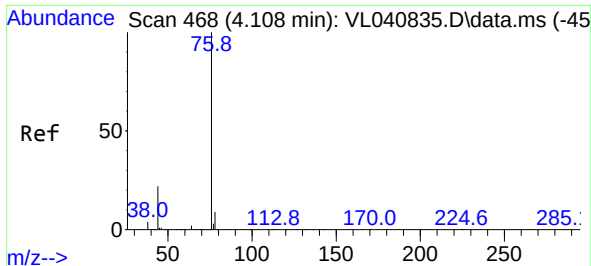


#26
Hexane
Concen: 10.286 ppbv
RT: 5.231 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



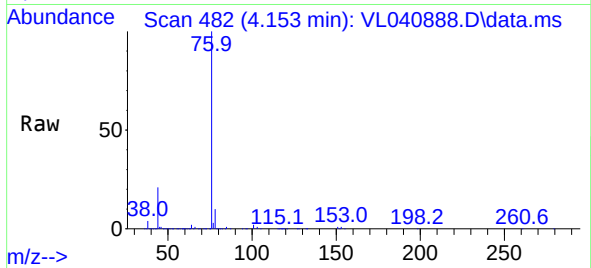
Tgt Ion: 57 Resp: 981091
Ion Ratio Lower Upper
57 100
41 94.5 75.4 113.0
43 231.6 185.9 278.9
56 52.9 42.6 63.8





#27
Carbon Disulfide
Concen: 10.109 ppbv
RT: 4.153 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

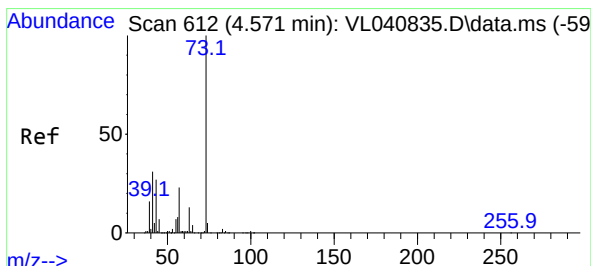
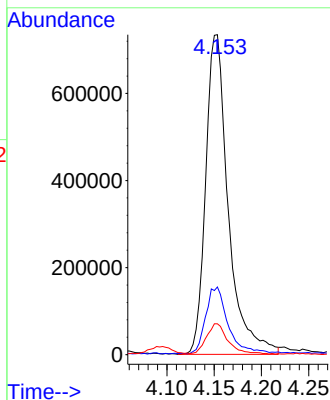
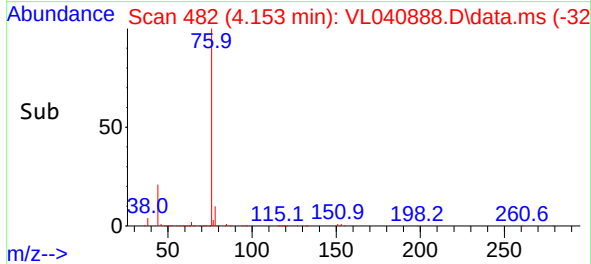
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



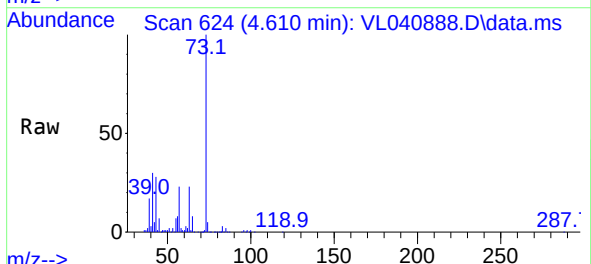
Tgt Ion: 76 Resp: 122267
Ion Ratio Lower Upper
76 100
44 20.4 16.7 25.1
78 9.6 7.6 11.4

Manual Integrations
APPROVED

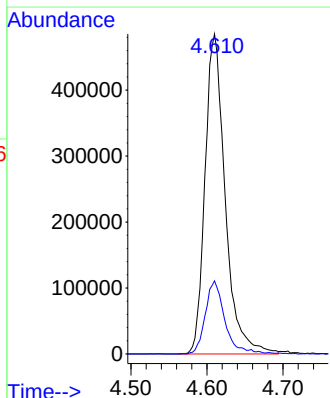
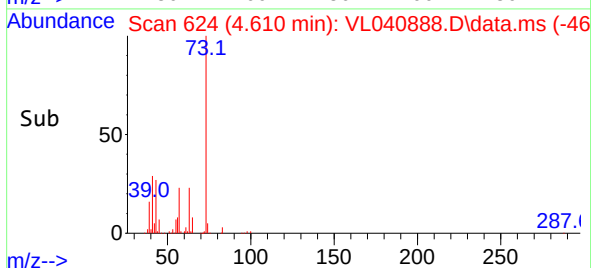
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

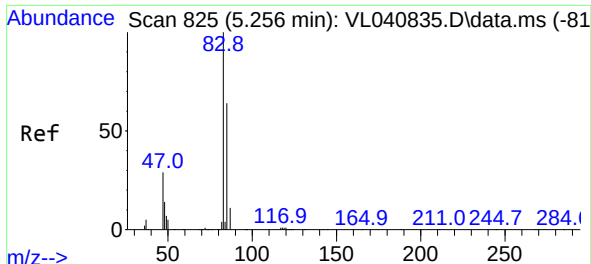


#28
Methyl tert-Butyl Ether
Concen: 10.371 ppbv
RT: 4.610 min Scan# 624
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



Tgt Ion: 73 Resp: 894592
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0





#29

Chloroform

Concen: 9.829 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040888.D

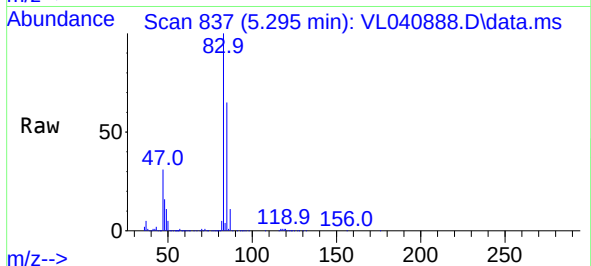
Acq: 17 Nov 2023 9:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 83 Resp: 158890

Ion Ratio Lower Upper

83 100

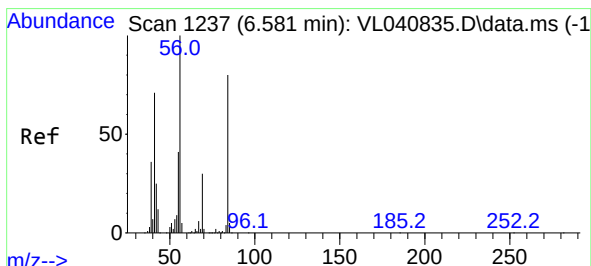
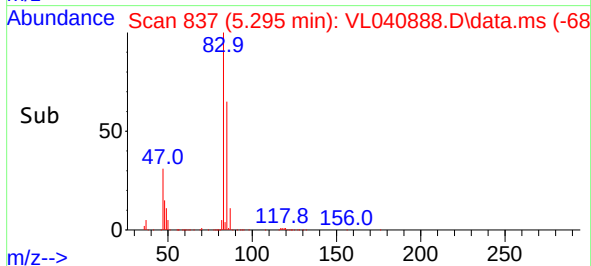
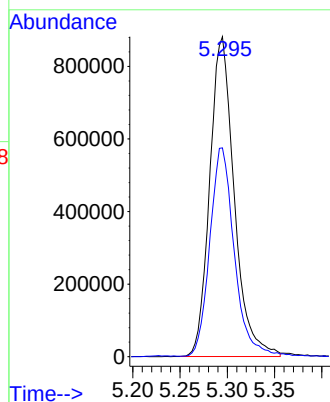
85 65.1 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#30

Cyclohexane

Concen: 9.574 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VL040888.D

Acq: 17 Nov 2023 9:58

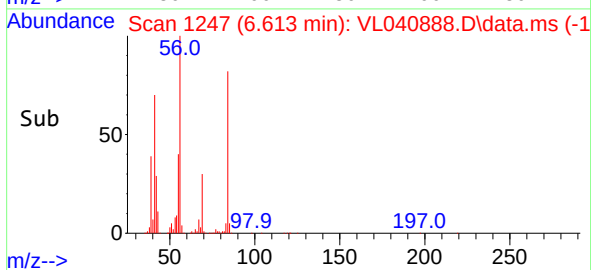
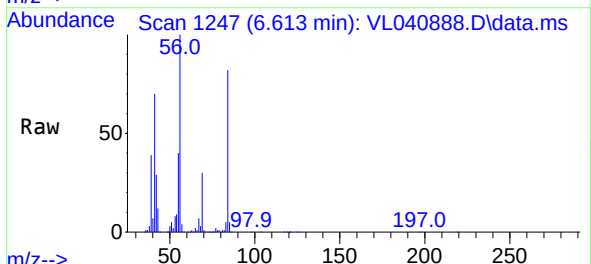
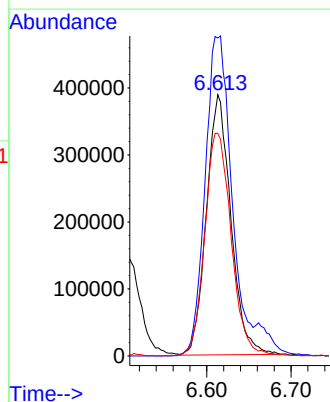
Tgt Ion: 84 Resp: 785593

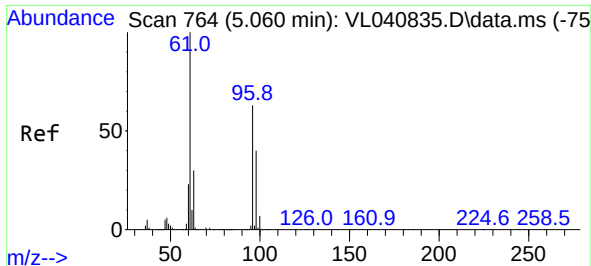
Ion Ratio Lower Upper

84 100

56 140.8 109.3 163.9

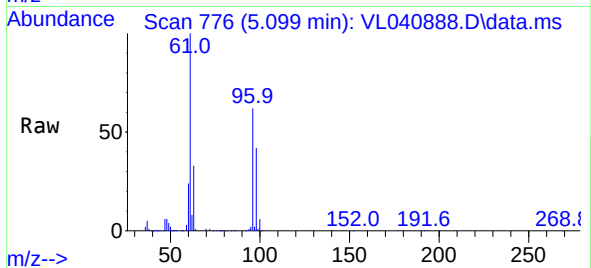
41 92.7 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 10.438 ppbv
RT: 5.099 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

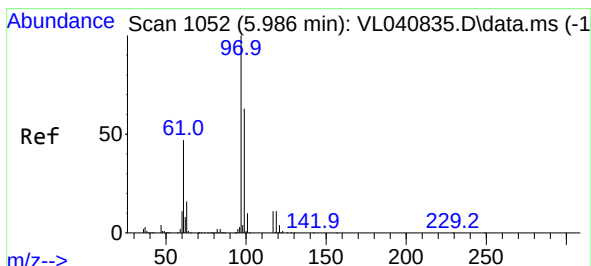
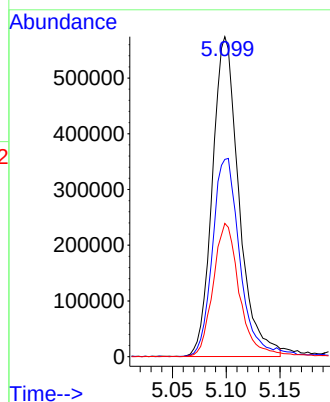
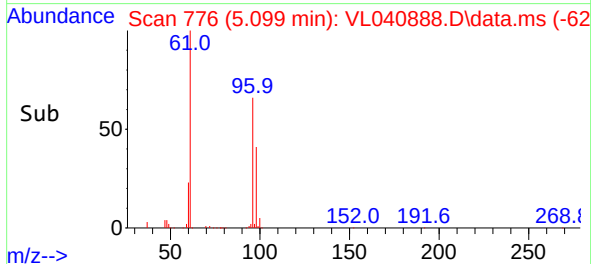
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



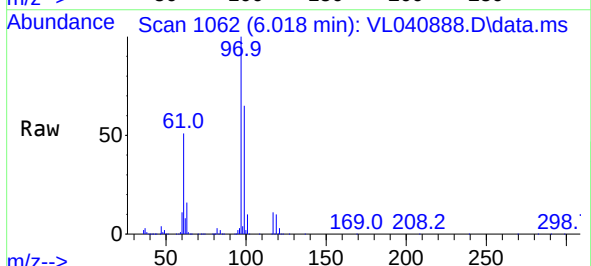
Tgt Ion: 61 Resp: 98520
Ion Ratio Lower Upper
61 100
96 61.6 50.5 75.7
98 41.7 31.9 47.9

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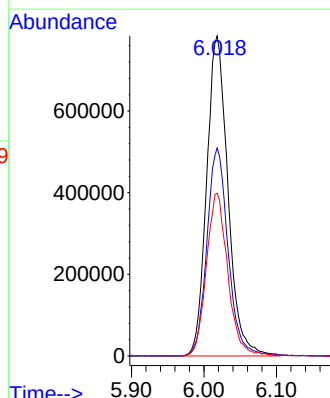
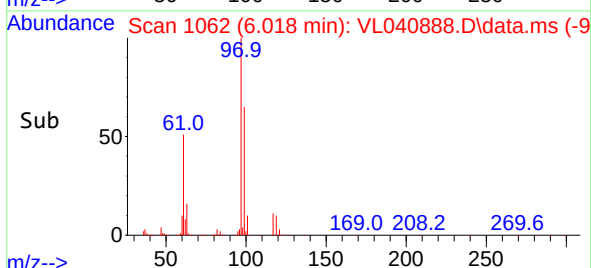
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

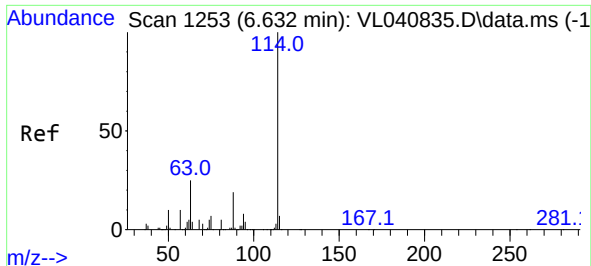


#32
1,1,1-Trichloroethane
Concen: 10.611 ppbv
RT: 6.018 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



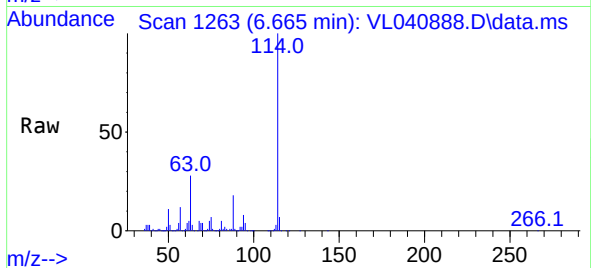
Tgt Ion: 97 Resp: 1600361
Ion Ratio Lower Upper
97 100
99 64.9 52.2 78.4
61 51.3 41.0 61.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.665 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

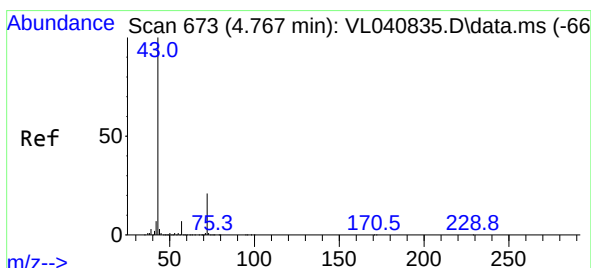
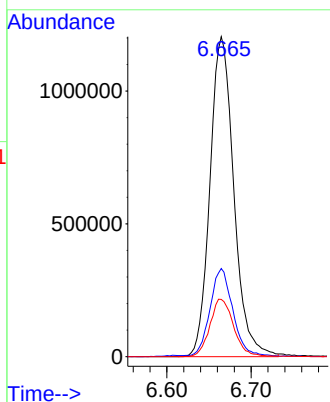
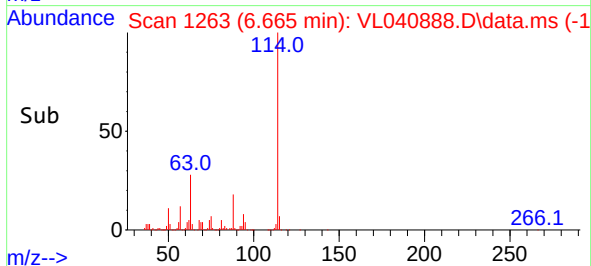
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



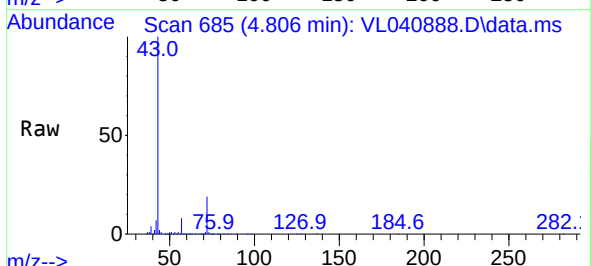
Tgt Ion:114 Resp: 236837
Ion Ratio Lower Upper
114 100
63 27.1 20.9 31.3
88 18.1 14.3 21.5

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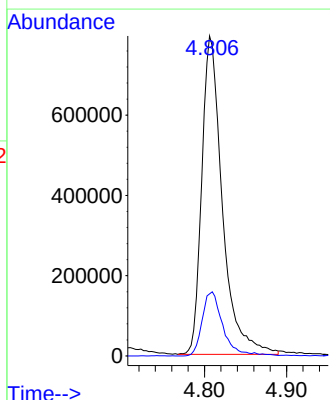
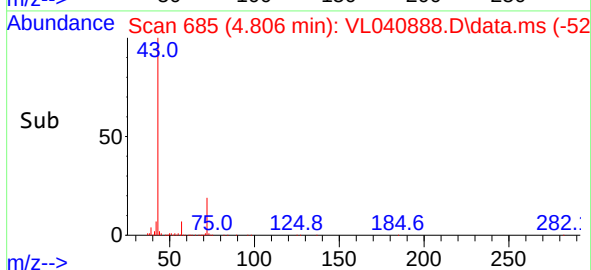
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

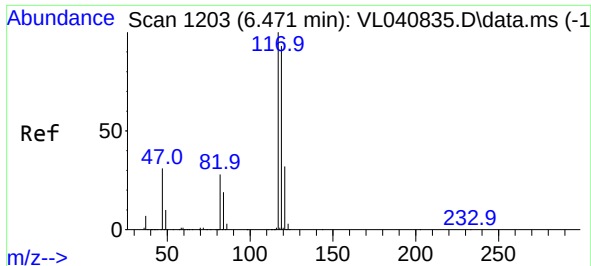


#34
2-Butanone
Concen: 11.486 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



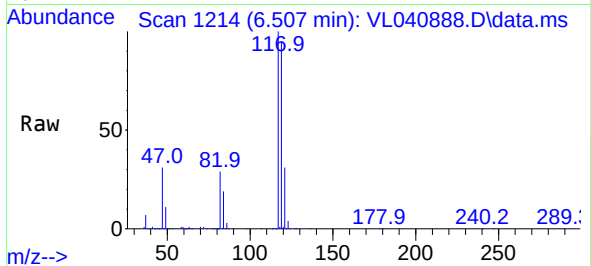
Tgt Ion: 43 Resp: 1385888
Ion Ratio Lower Upper
43 100
72 20.6 17.2 25.8





#35
Carbon Tetrachloride
Concen: 11.590 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

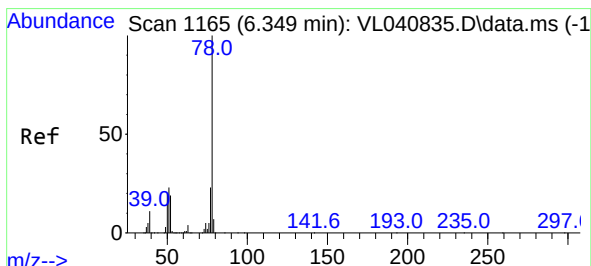
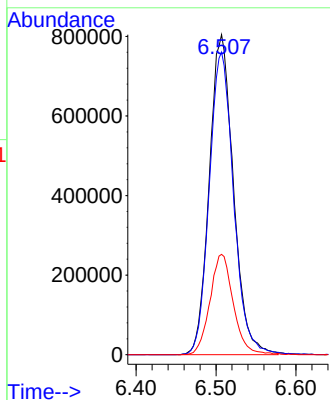
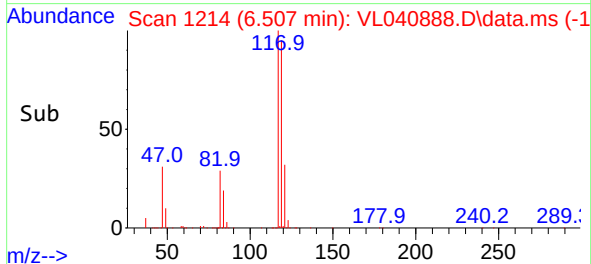
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



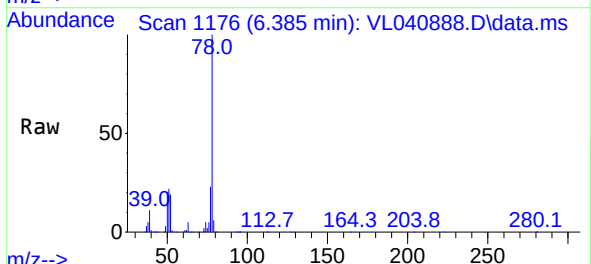
Tgt Ion: 117 Resp: 1684134
Ion Ratio Lower Upper
117 100
119 94.5 74.7 112.1
121 31.3 25.5 38.3

Manual Integrations
APPROVED

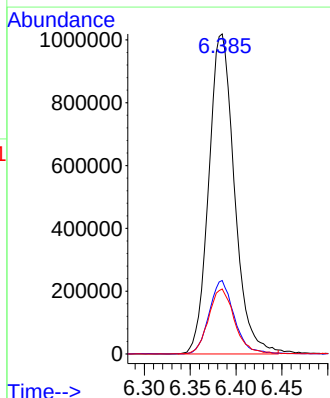
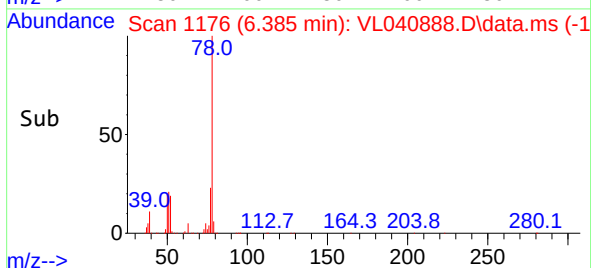
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

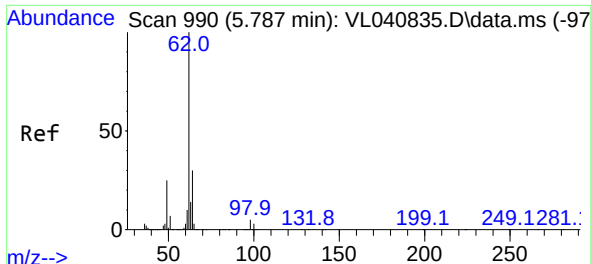


#36
Benzene
Concen: 10.309 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



Tgt Ion: 78 Resp: 1981621
Ion Ratio Lower Upper
78 100
77 22.8 18.4 27.6
50 20.3 16.2 24.2





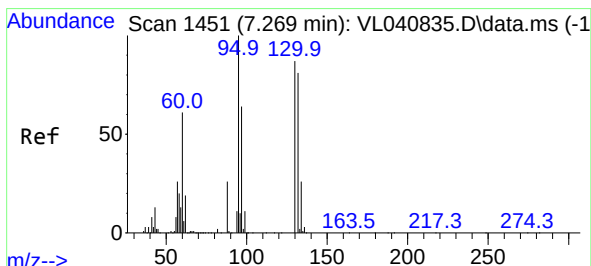
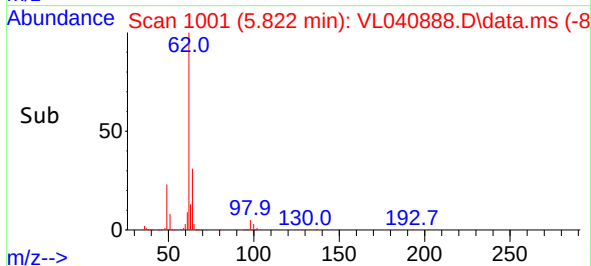
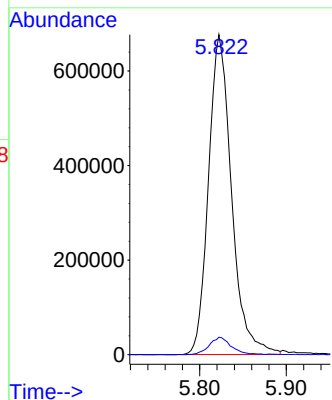
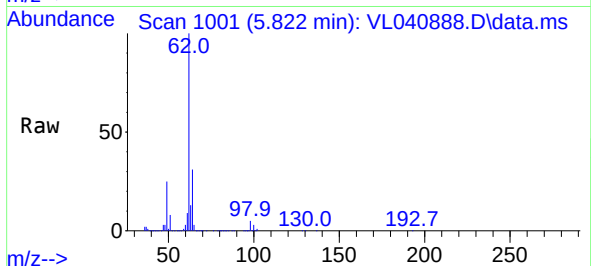
#37
1,2-Dichloroethane
Concen: 11.030 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 125045
Ion Ratio Lower Upper
62 100
98 5.4 4.6 6.8

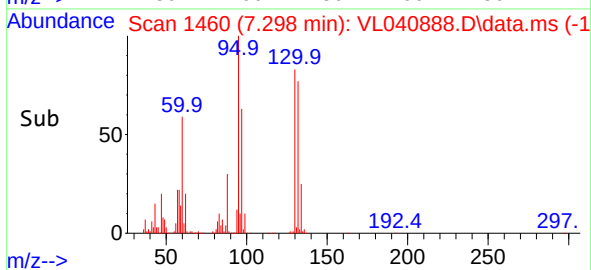
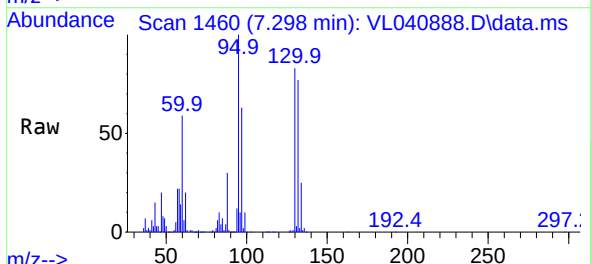
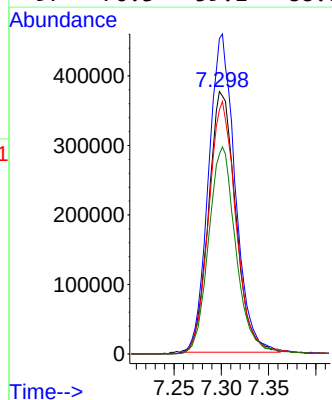
Manual Integrations
APPROVED

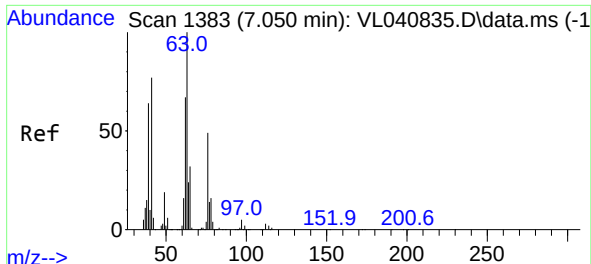
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#38
Trichloroethene
Concen: 9.984 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Tgt Ion:130 Resp: 745981
Ion Ratio Lower Upper
130 100
95 120.5 92.4 138.6
132 93.4 75.1 112.7
97 76.3 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.272 ppbv

RT: 7.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040888.D

Acq: 17 Nov 2023 9:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

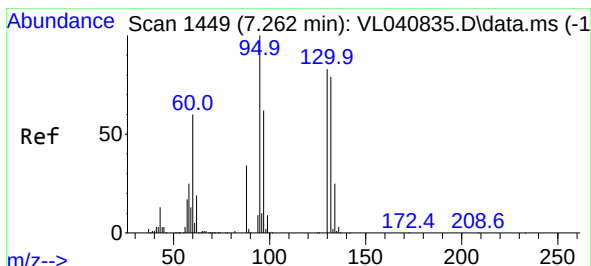
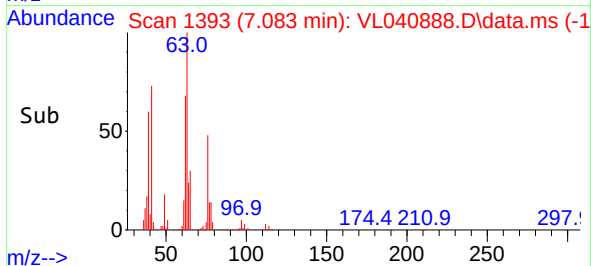
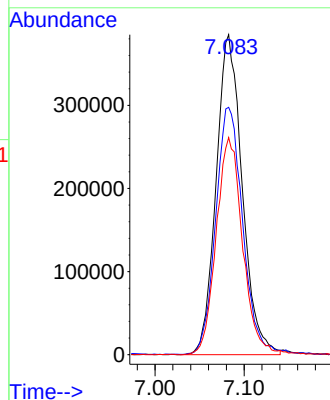
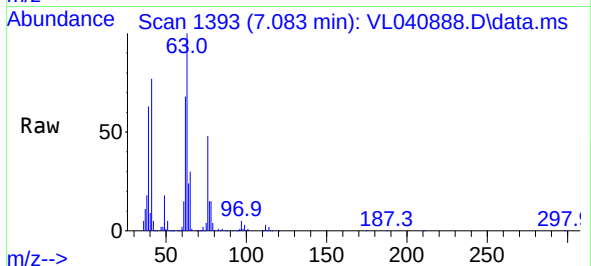
Tgt Ion: 63 Resp: 78288

Ion	Ratio	Lower	Upper
63	100		
41	77.2	61.5	92.3
62	67.9	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: 10.344 ppbv

RT: 7.292 min Scan# 1458

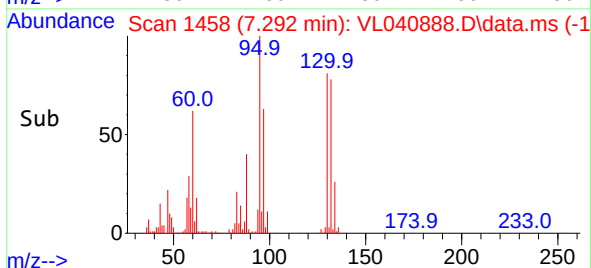
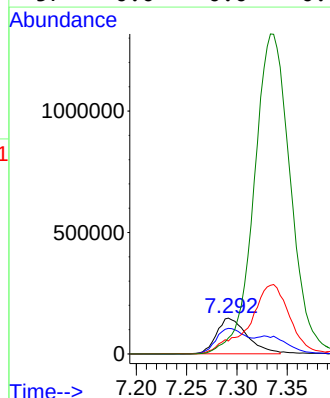
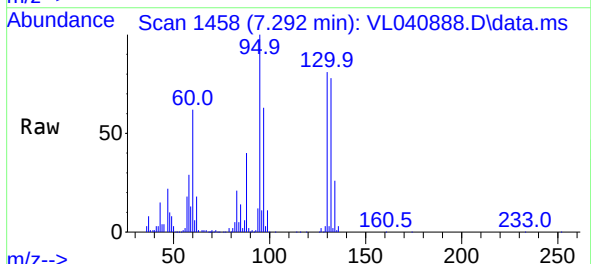
Delta R.T. 0.000 min

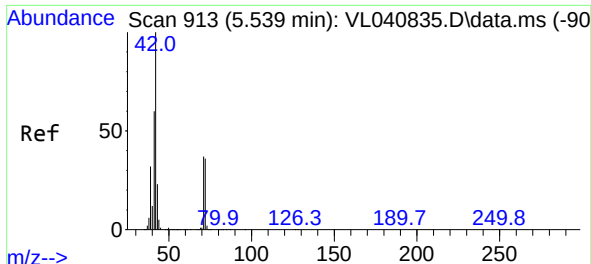
Lab File: VL040888.D

Acq: 17 Nov 2023 9:58

Tgt Ion: 88 Resp: 312804

Ion	Ratio	Lower	Upper
88	100		
58	123.2	101.0	151.6
43	0.0	0.0	0.0
57	0.0	0.0	0.0





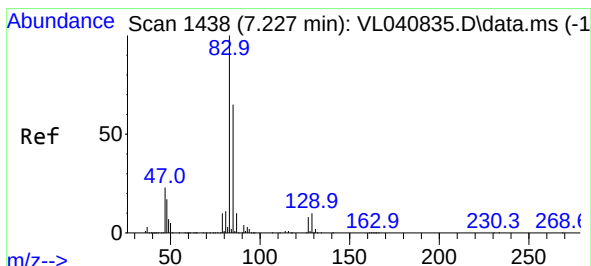
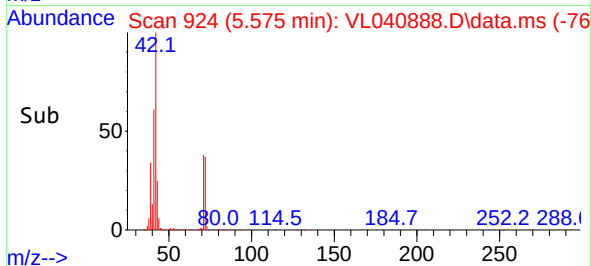
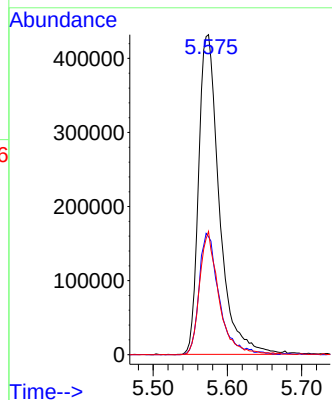
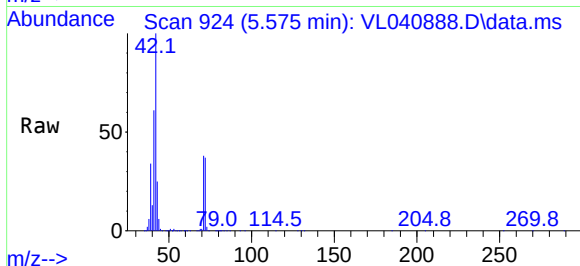
#41
Tetrahydrofuran
Concen: 11.263 ppbv
RT: 5.575 min Scan# 913
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 836674
Ion Ratio Lower Upper
42 100
72 37.4 30.8 46.2
71 36.2 30.0 45.0

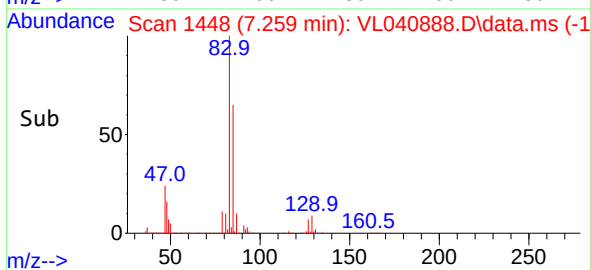
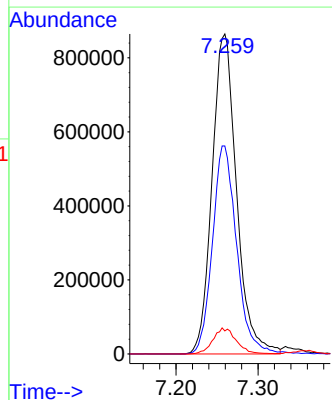
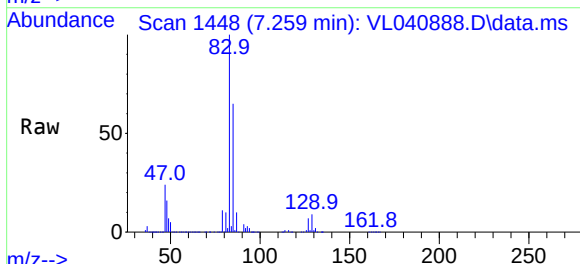
Manual Integrations
APPROVED

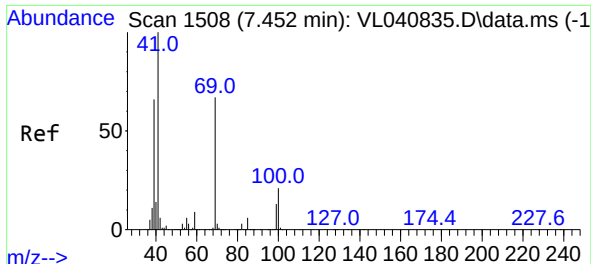
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#42
Bromodichloromethane
Concen: 11.076 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

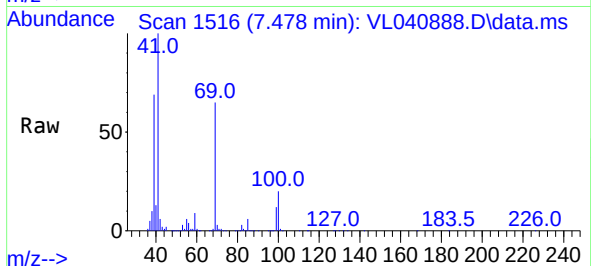
Tgt Ion: 83 Resp: 1796951
Ion Ratio Lower Upper
83 100
85 65.0 52.3 78.5
127 7.2 6.6 10.0





#43
Methyl Methacrylate
Concen: 11.366 ppbv
RT: 7.478 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

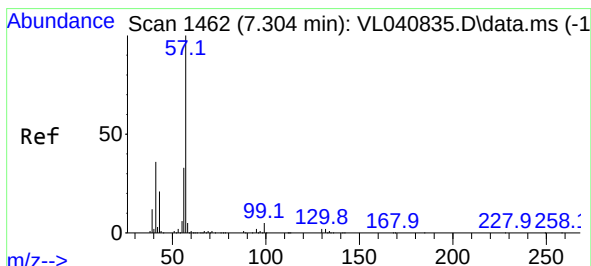
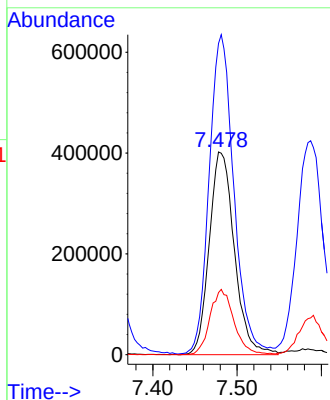
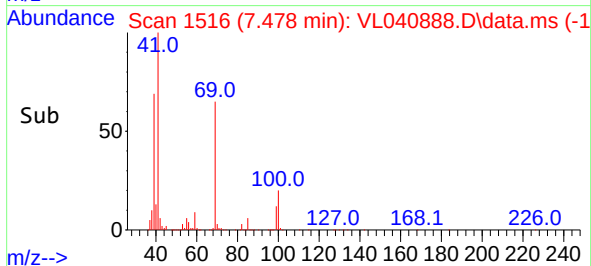
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



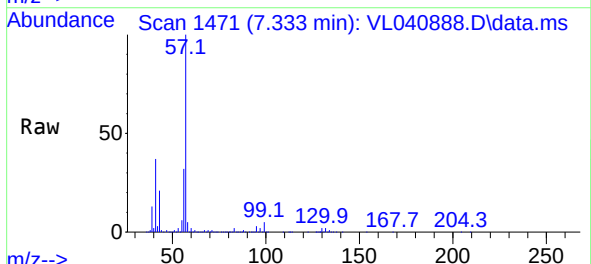
Tgt Ion: 69 Resp: 83254
Ion Ratio Lower Upper
69 100
41 155.3 123.0 184.4
100 30.8 25.4 38.2

Manual Integrations
APPROVED

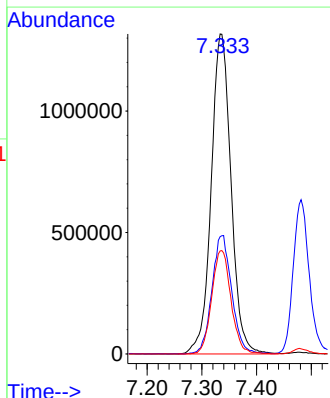
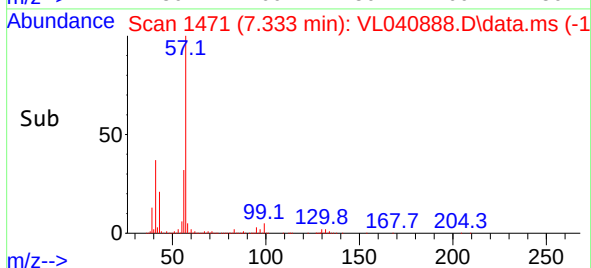
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

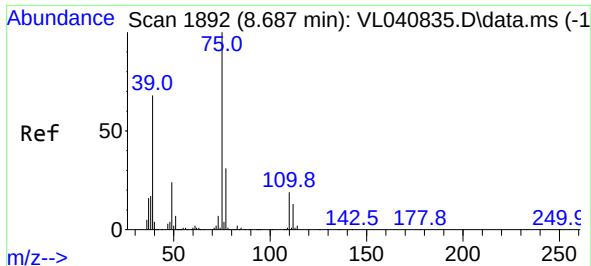


#44
2,2,4-Trimethylpentane
Concen: 10.397 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



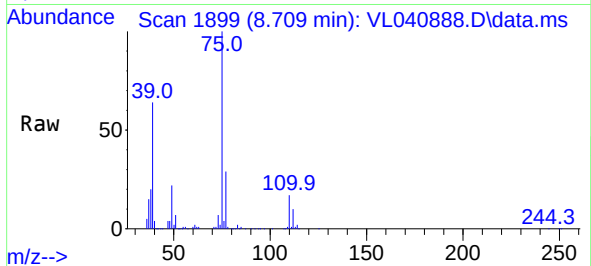
Tgt Ion: 57 Resp: 3319596
Ion Ratio Lower Upper
57 100
41 37.0 29.0 43.6
56 31.5 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 12.799 ppbv
RT: 8.709 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

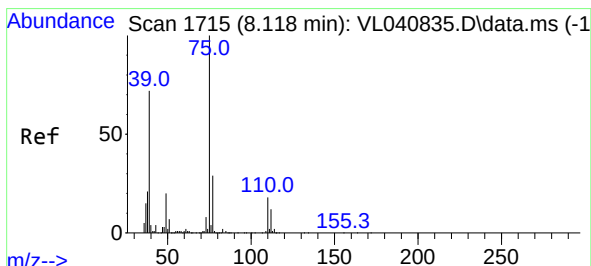
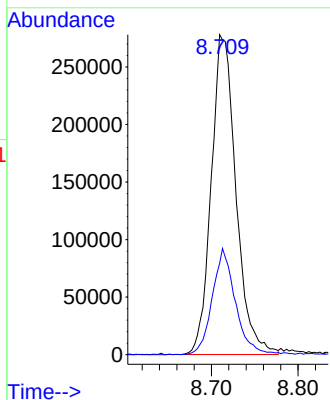
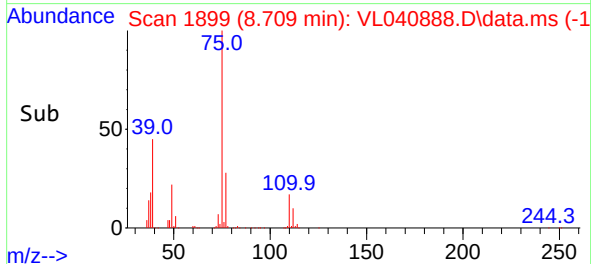
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



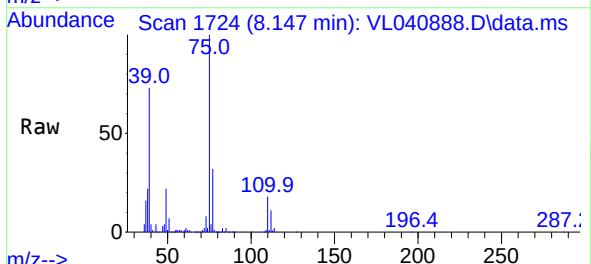
Tgt Ion: 75 Resp: 550938
Ion Ratio Lower Upper
75 100
77 28.5 24.9 37.3

Manual Integrations
APPROVED

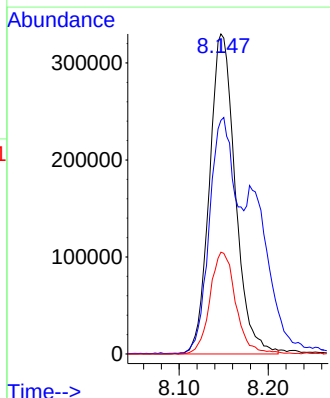
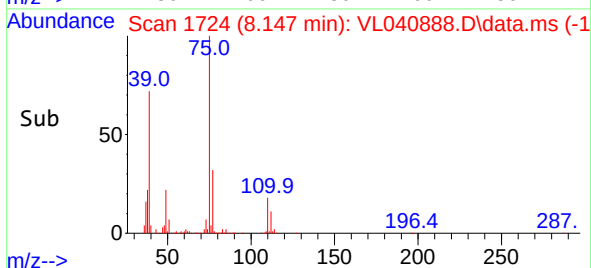
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

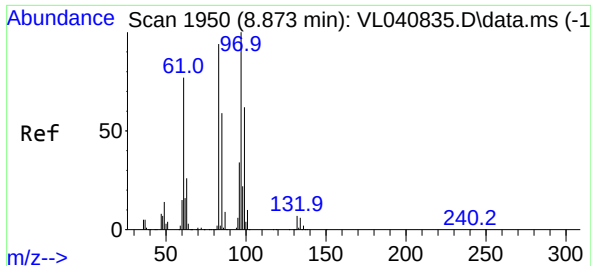


#46
cis-1,3-Dichloropropene
Concen: 11.901 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



Tgt Ion: 75 Resp: 664220
Ion Ratio Lower Upper
75 100
39 72.8 57.3 85.9
77 31.8 23.0 34.6





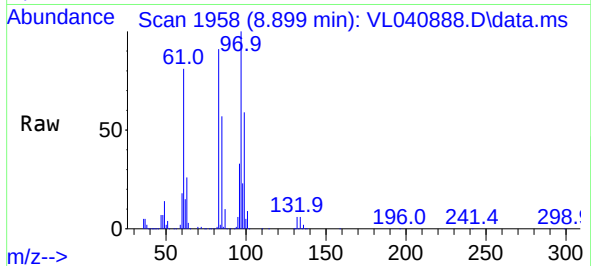
#47
1,1,2-Trichloroethane
Concen: 10.374 ppbv
RT: 8.899 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

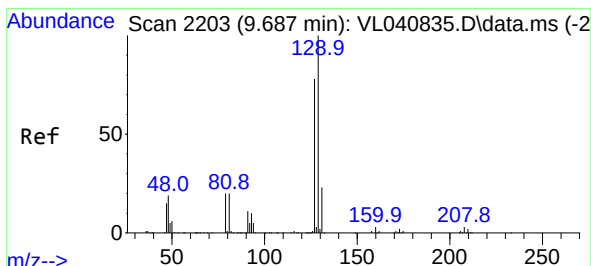
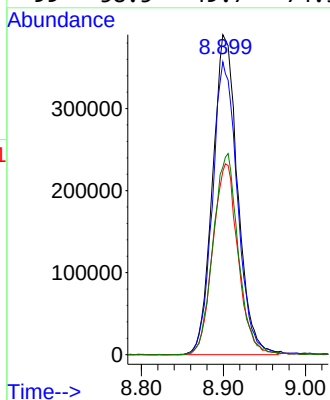
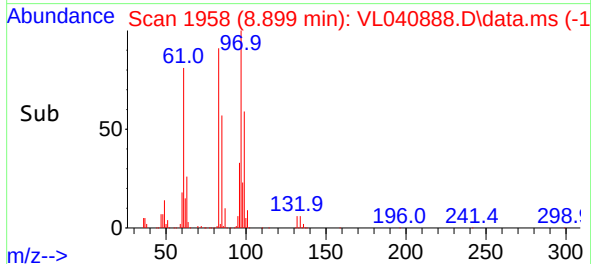


Tgt Ion: 97 Resp: 828444
Ion Ratio Lower Upper
97 100
83 91.5 74.8 112.2
85 57.3 47.4 71.0
99 58.5 49.7 74.5

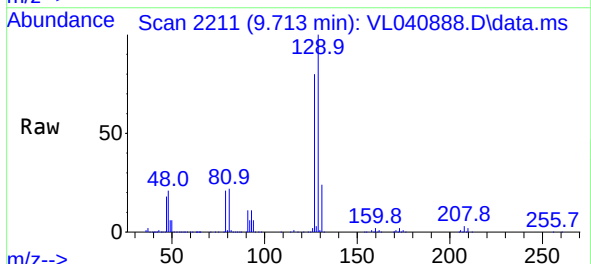
Manual Integrations

APPROVED

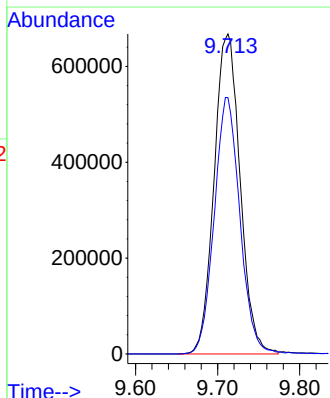
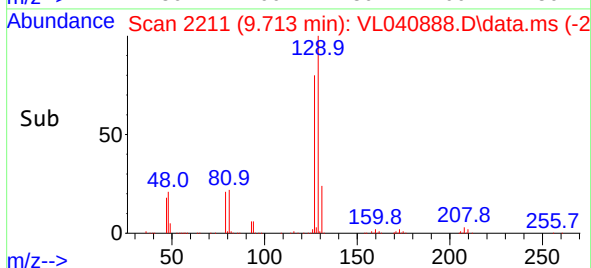
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

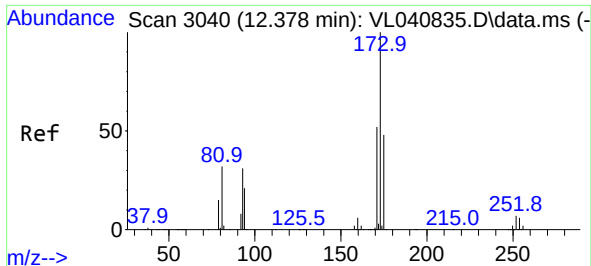


#48
Dibromochloromethane
Concen: 11.121 ppbv
RT: 9.713 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



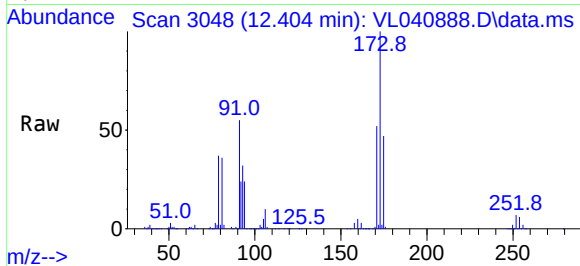
Tgt Ion:129 Resp: 1473583
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.9





#49
Bromoform
Concen: 11.879 ppbv
RT: 12.404 min Scan# 3040
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

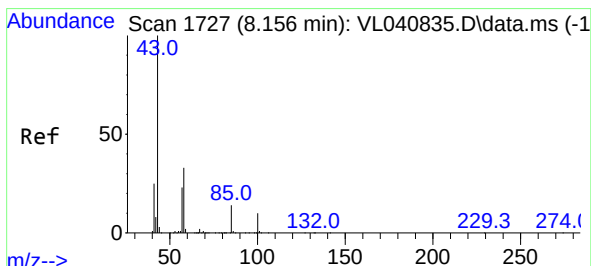
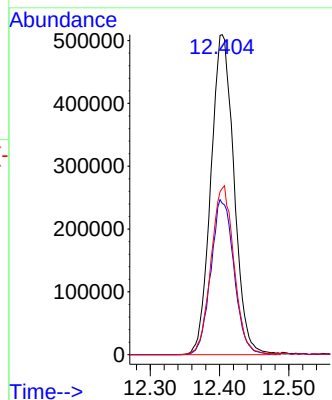
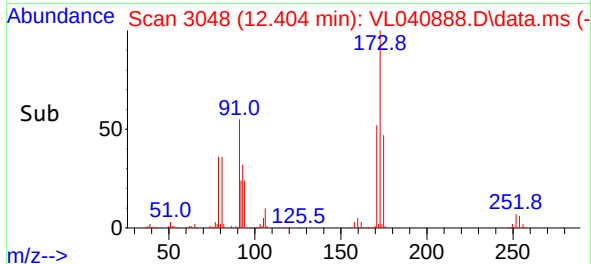
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



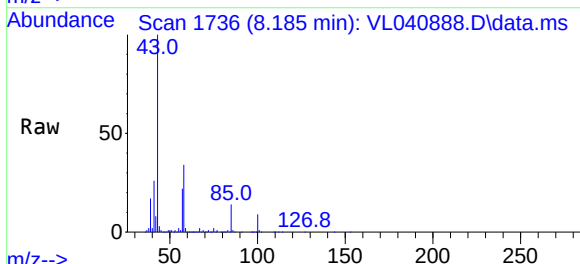
Tgt Ion:173 Resp: 1183960
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.6
171 52.4 41.8 62.6

Manual Integrations
APPROVED

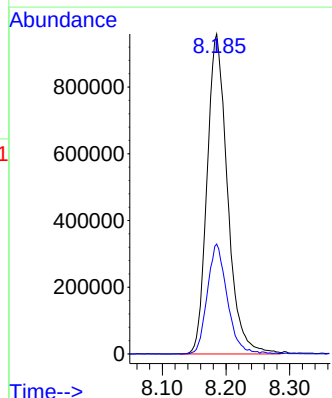
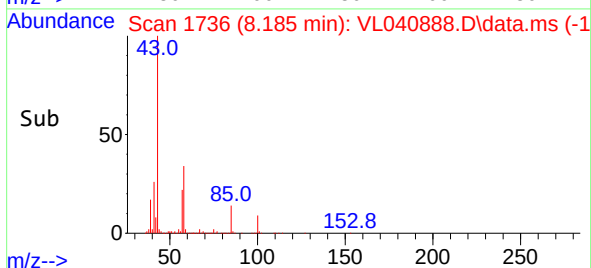
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

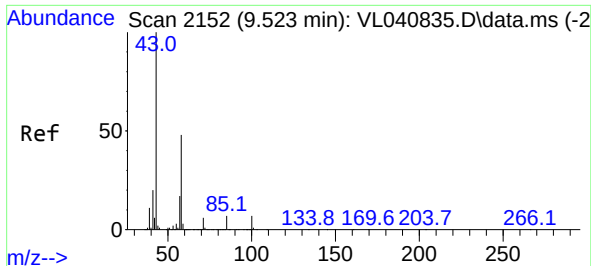


#50
4-Methyl-2-Pentanone
Concen: 11.433 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



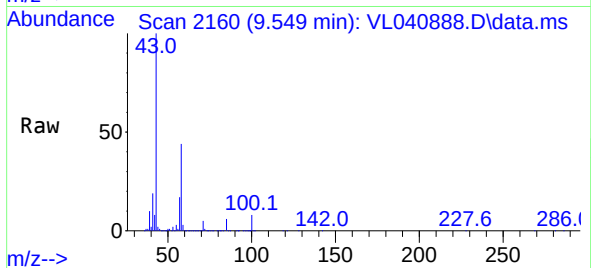
Tgt Ion: 43 Resp: 2134781
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.6





#51
2-Hexanone
Concen: 11.873 ppbv
RT: 9.549 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

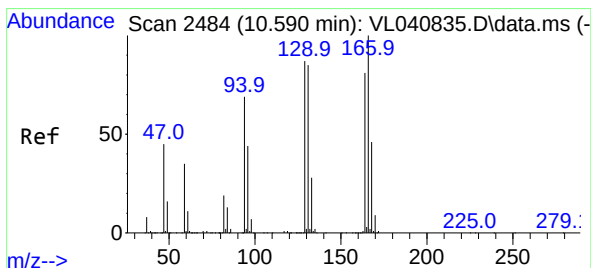
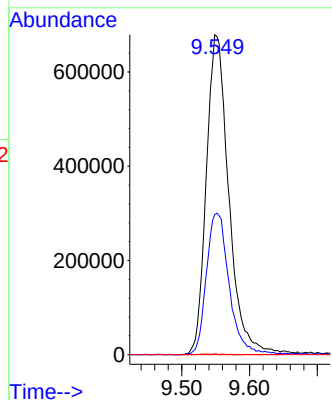
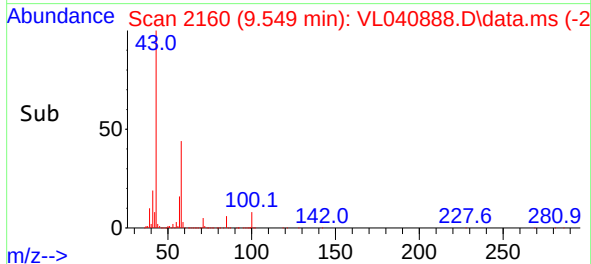


Tgt Ion: 43 Resp: 156271

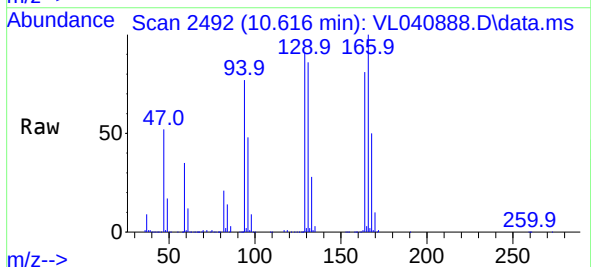
Ion	Ratio	Lower	Upper
43	100		
58	45.3	37.4	56.2
98	0.2	0.2	0.2

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

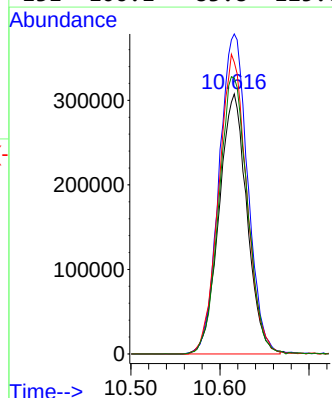
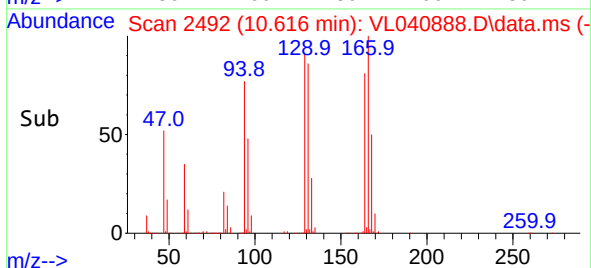


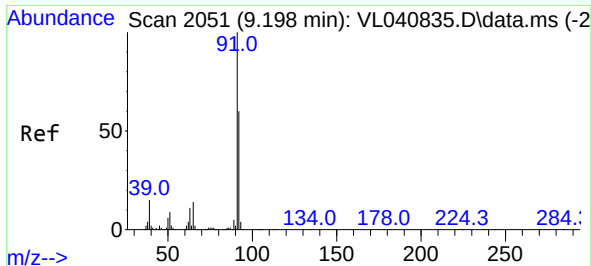
#52
Tetrachloroethene
Concen: 10.325 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



Tgt Ion:164 Resp: 668336

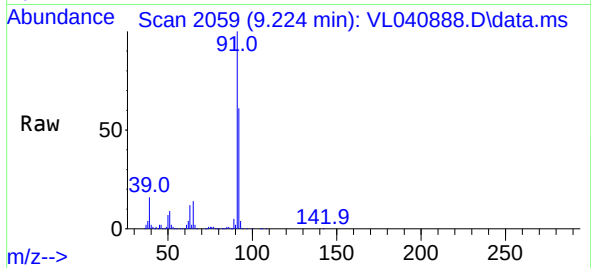
Ion	Ratio	Lower	Upper
164	100		
166	123.1	98.3	147.5
129	112.1	85.1	127.7
131	106.1	83.8	125.6





#53
Toluene
Concen: 10.604 ppbv
RT: 9.224 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

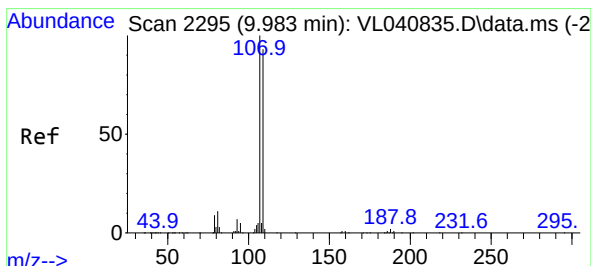
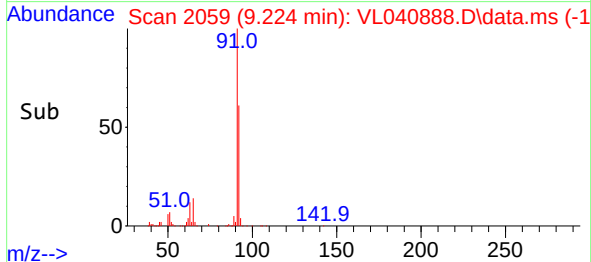
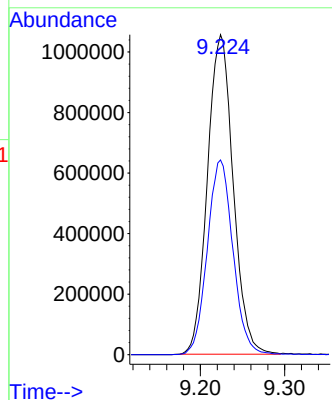
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 224290
Ion Ratio Lower Upper
91 100
92 60.8 49.4 74.2

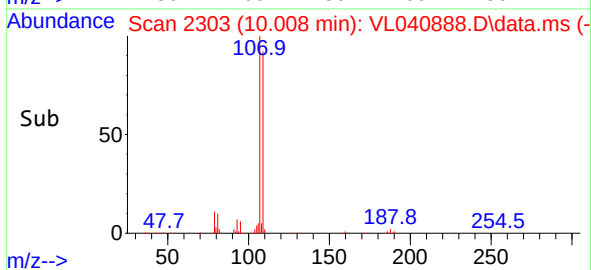
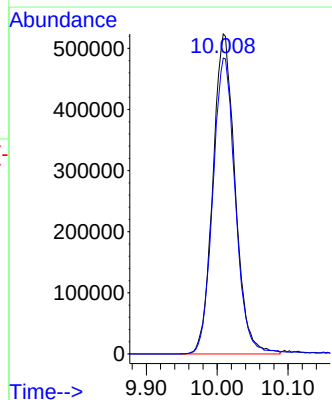
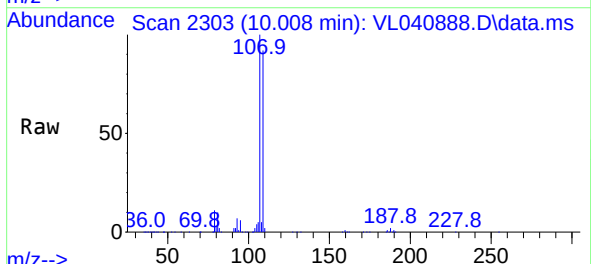
Manual Integrations
APPROVED

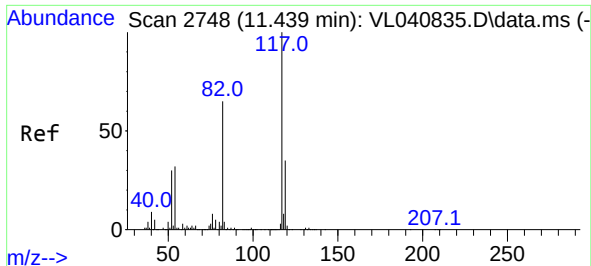
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#54
1,2-Dibromoethane
Concen: 11.117 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

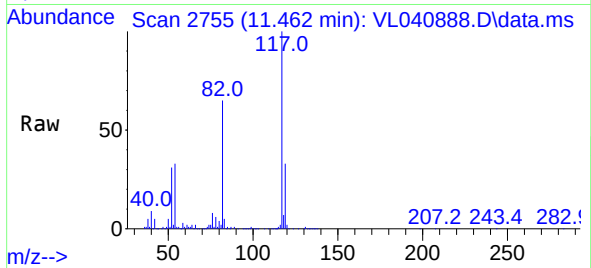
Tgt Ion:107 Resp: 1142531
Ion Ratio Lower Upper
107 100
109 92.5 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 2748
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

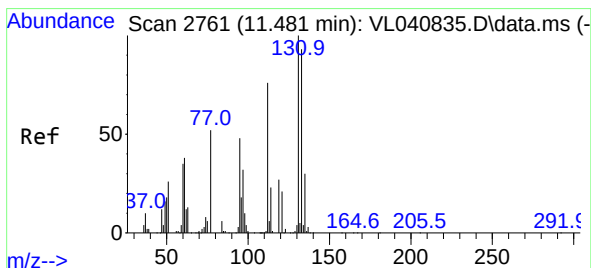
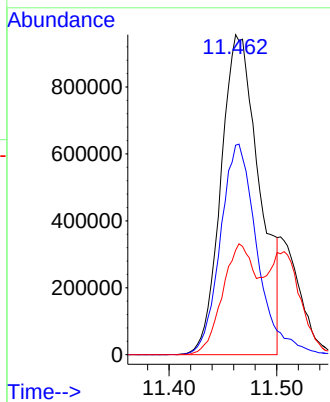
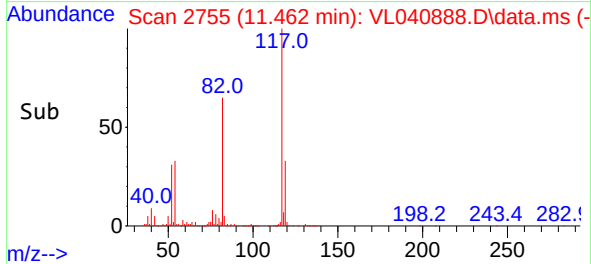
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



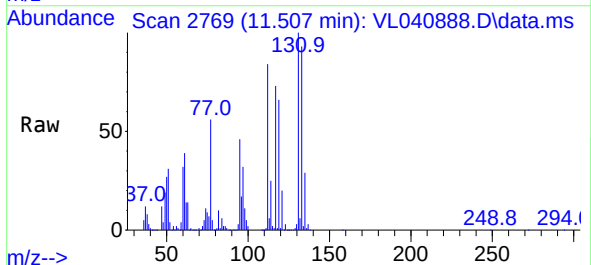
Tgt Ion:117 Resp: 237341
Ion Ratio Lower Upper
117 100
82 63.5 50.6 75.8
119 29.5 23.3 34.9

Manual Integrations
APPROVED

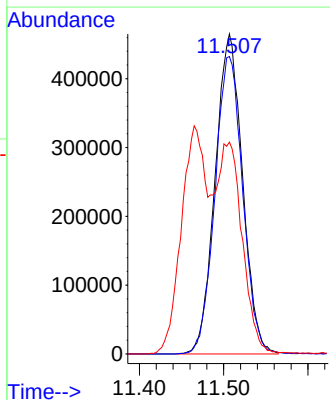
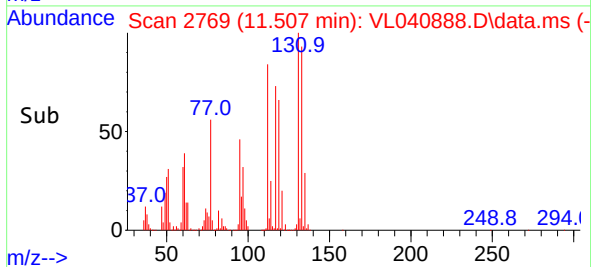
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

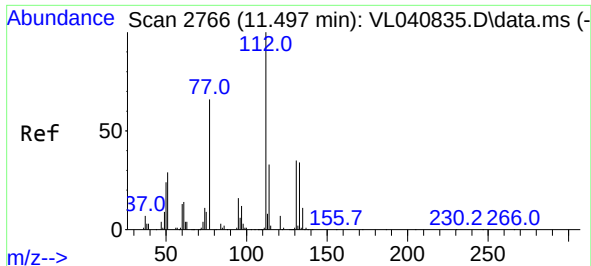


#56
1,1,1,2-Tetrachloroethane
Concen: 10.305 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



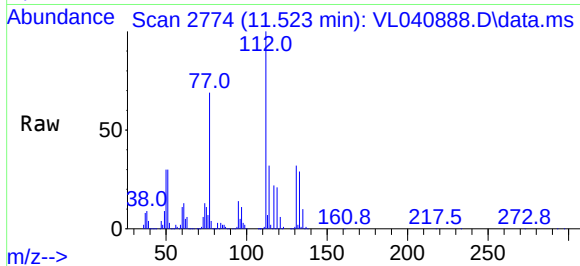
Tgt Ion:131 Resp: 1046765
Ion Ratio Lower Upper
131 100
133 94.6 76.4 114.6
119 68.8 51.1 76.7





#57
Chlorobenzene
Concen: 9.764 ppbv
RT: 11.523 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

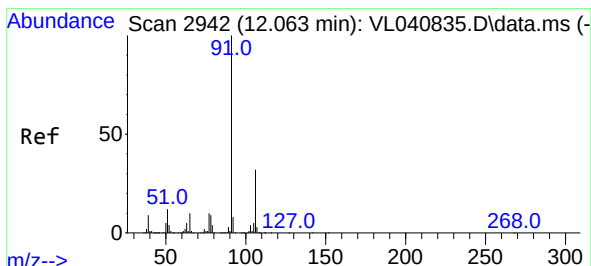
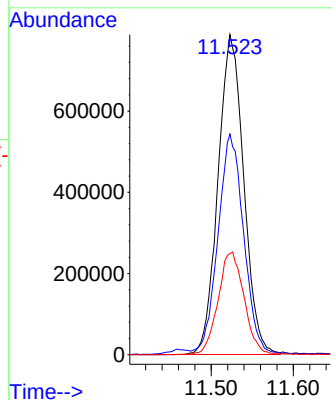
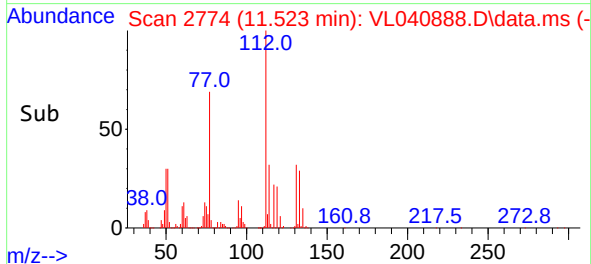
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



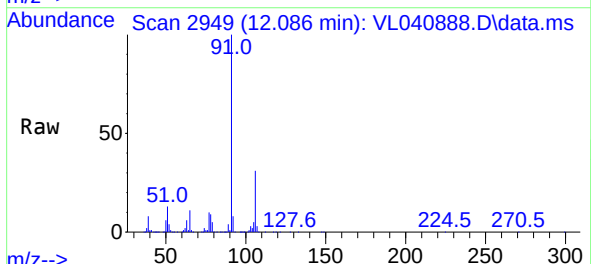
Tgt Ion:112 Resp: 1717750
Ion Ratio Lower Upper
112 100
77 68.4 53.3 79.9
114 31.5 29.3 35.9

Manual Integrations
APPROVED

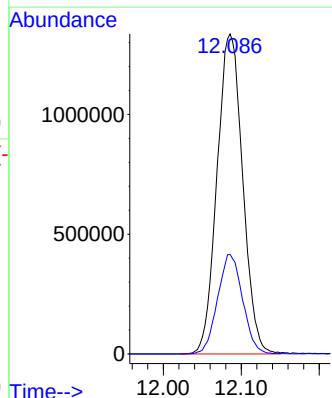
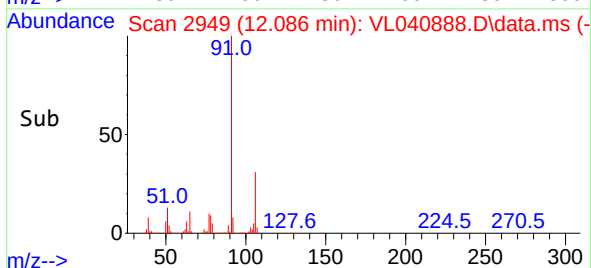
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

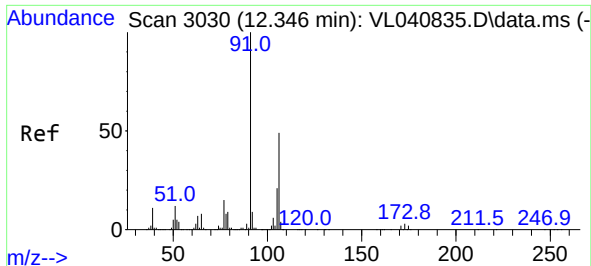


#58
Ethyl Benzene
Concen: 9.868 ppbv
RT: 12.086 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



Tgt Ion: 91 Resp: 3055704
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8





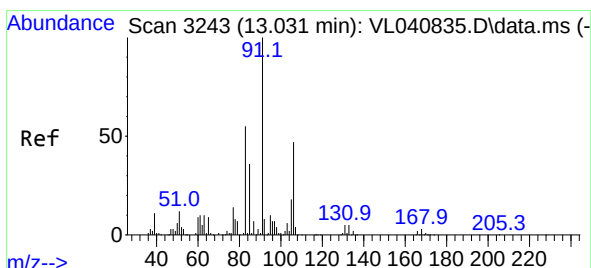
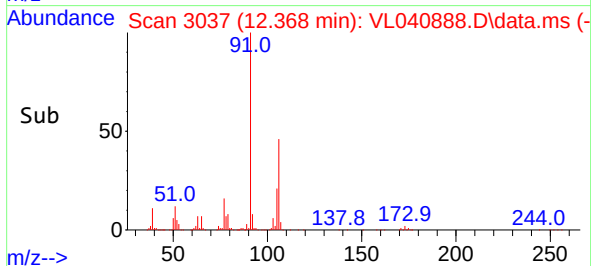
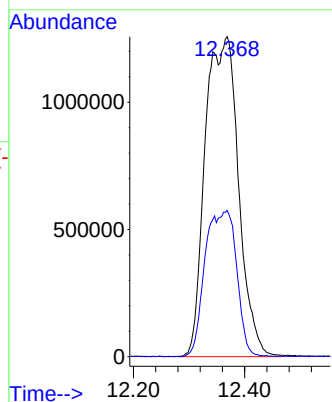
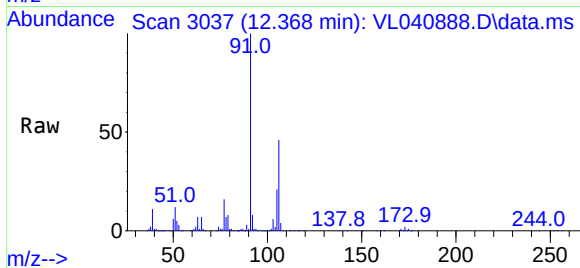
#59
m/p-Xylene
Concen: 19.863 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 523789
Ion Ratio Lower Upper
91 100
106 43.3 35.4 53.0

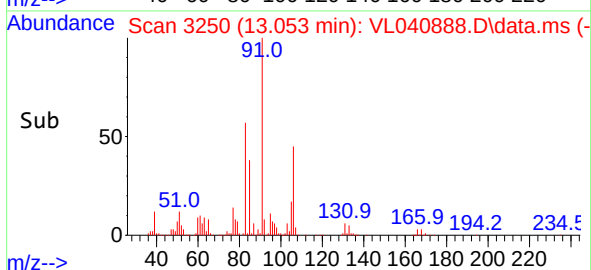
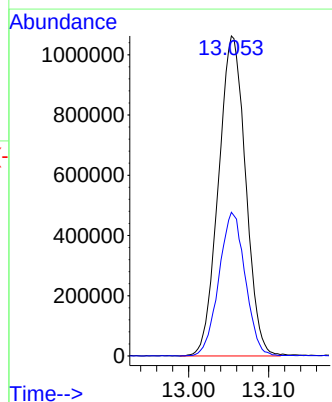
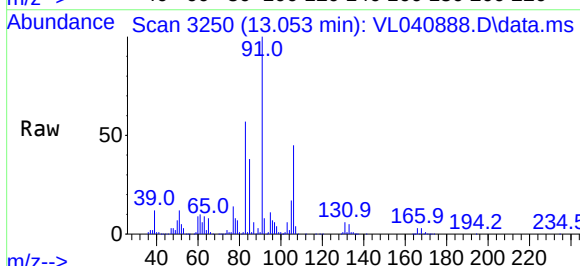
Manual Integrations
APPROVED

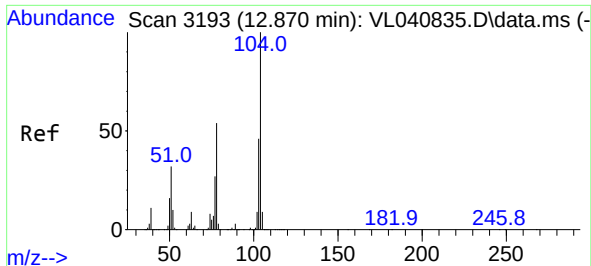
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#60
o-Xylene
Concen: 9.954 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Tgt Ion: 91 Resp: 2498865
Ion Ratio Lower Upper
91 100
106 43.7 22.9 68.5





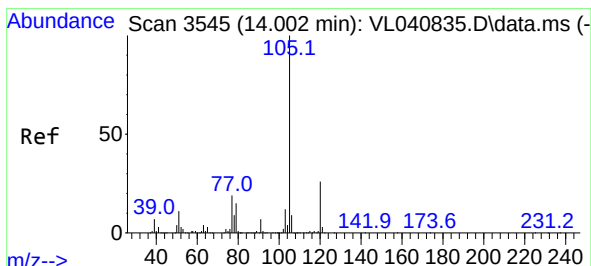
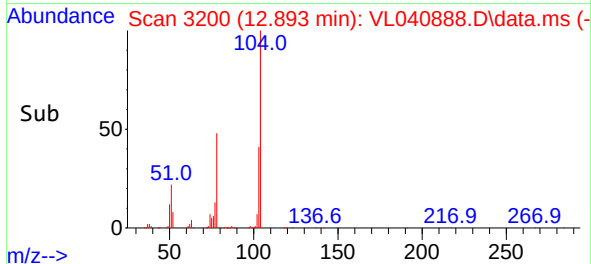
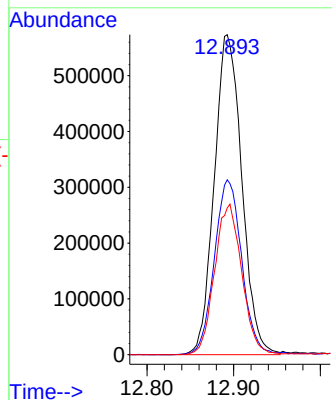
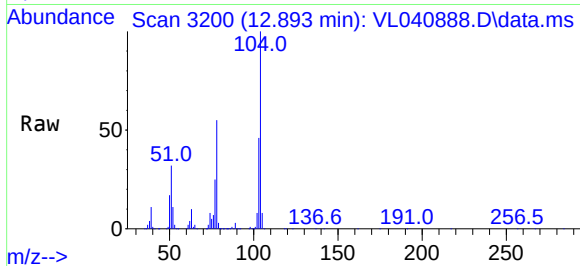
#61
Styrene
Concen: 10.476 ppbv
RT: 12.893 min Scan# 3193
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 126824
Ion Ratio Lower Upper
104 100
78 54.7 43.3 64.9
103 46.5 37.6 56.4

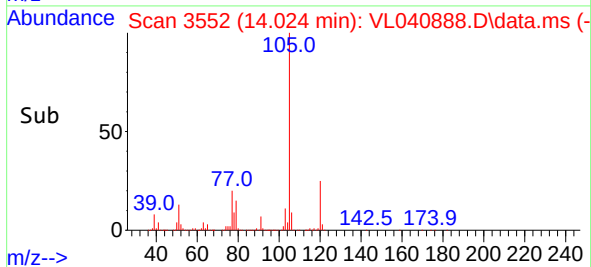
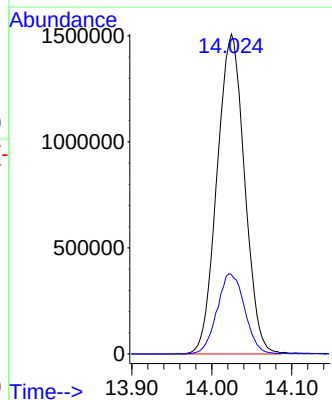
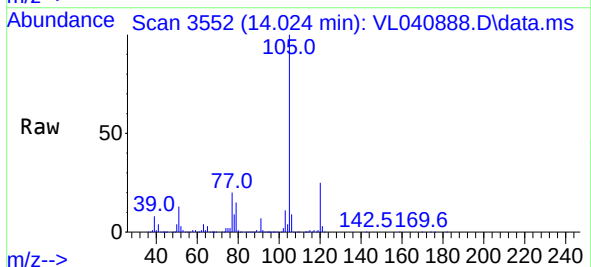
Manual Integrations
APPROVED

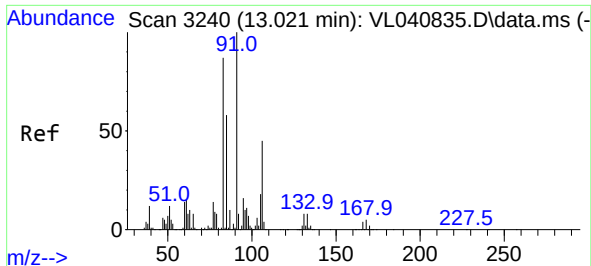
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#62
Isopropylbenzene
Concen: 9.695 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

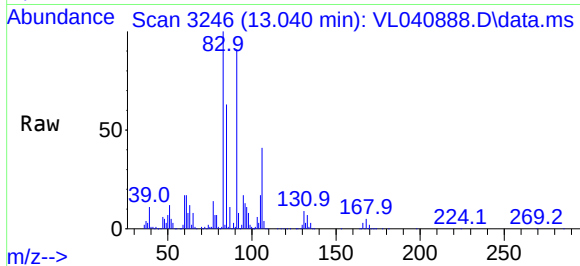
Tgt Ion:105 Resp: 3595958
Ion Ratio Lower Upper
105 100
120 25.3 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 10.093 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

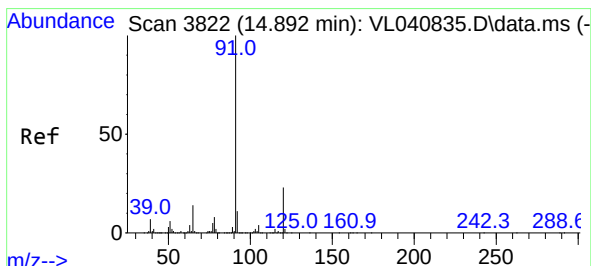
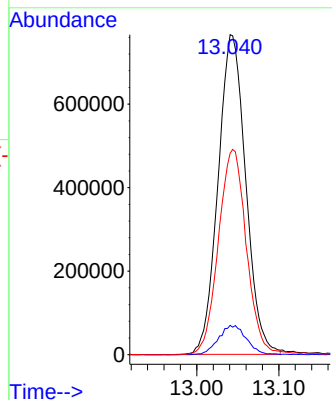
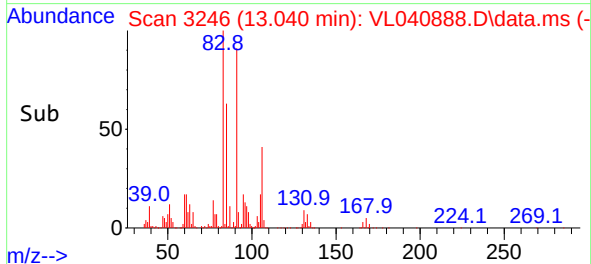
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1795820
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 65.9 32.9 98.7

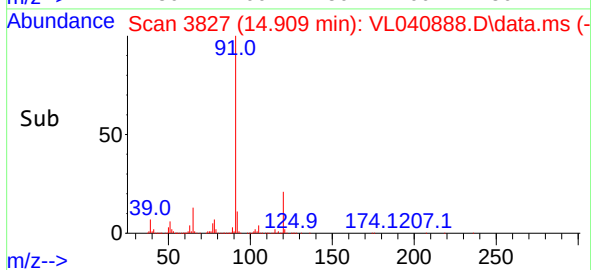
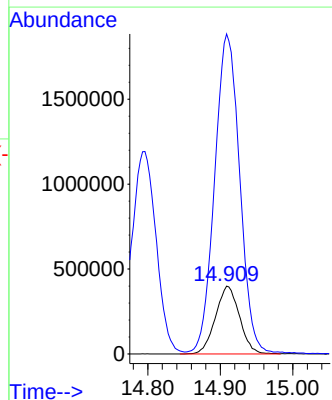
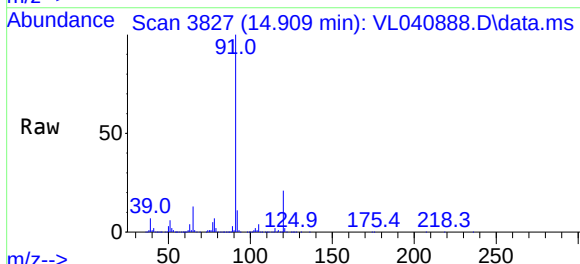
Manual Integrations
APPROVED

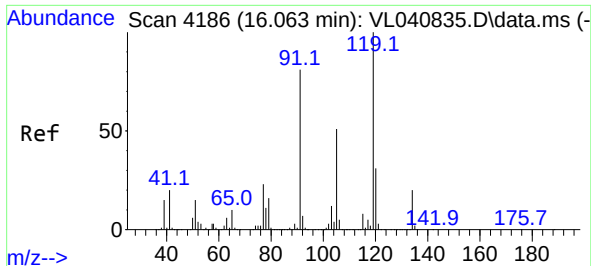
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#64
n-propylbenzene
Concen: 9.891 ppbv
RT: 14.909 min Scan# 3827
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Tgt Ion:120 Resp: 919406
Ion Ratio Lower Upper
120 100
91 494.2 381.1 571.7





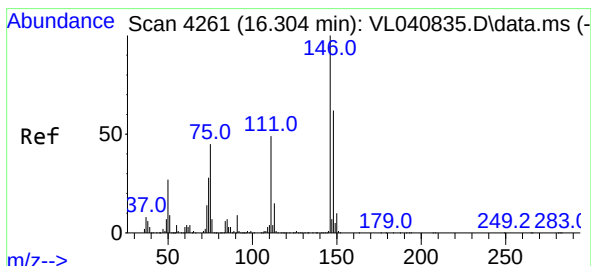
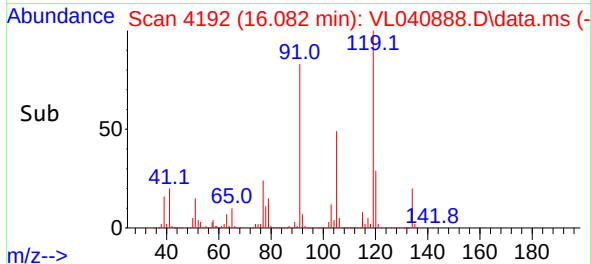
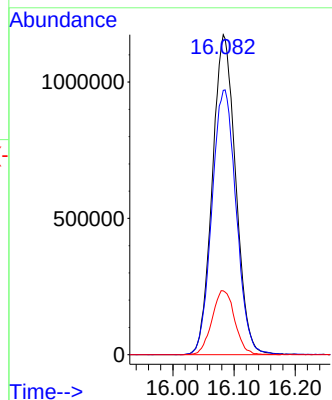
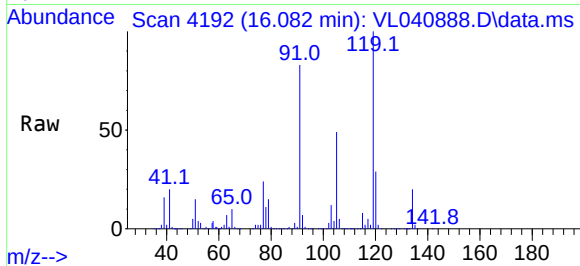
#65
tert-Butylbenzene
Concen: 9.931 ppbv
RT: 16.082 min Scan# 4186
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 310556
Ion Ratio Lower Upper
119 100
91 86.2 67.5 101.3
134 19.6 15.9 23.9

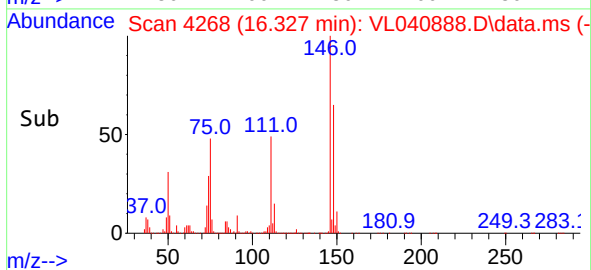
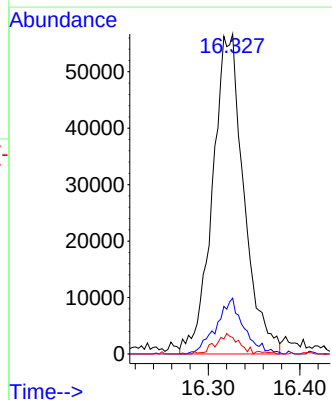
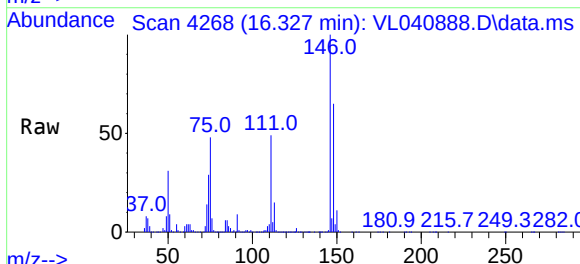
Manual Integrations
APPROVED

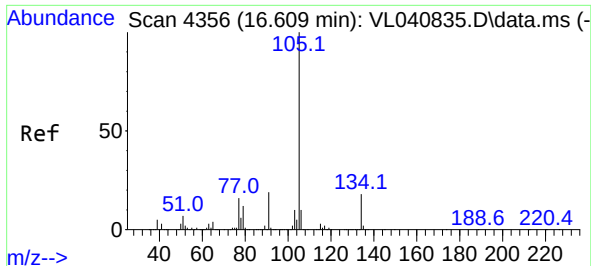
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#66
Benzyl Chloride
Concen: 11.677 ppbv m
RT: 16.327 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

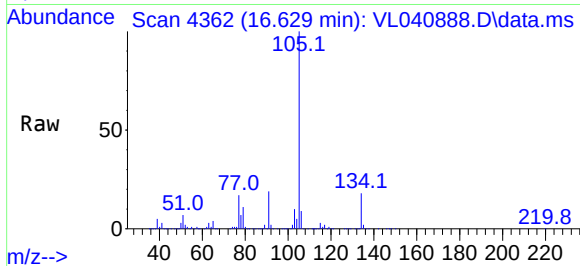
Tgt Ion: 91 Resp: 134563
Ion Ratio Lower Upper
91 100
126 15.5 12.8 19.2
128 0.0 0.0 0.0





#67
 sec-Butylbenzene
 Concen: 9.876 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040888.D
 Acq: 17 Nov 2023 9:58

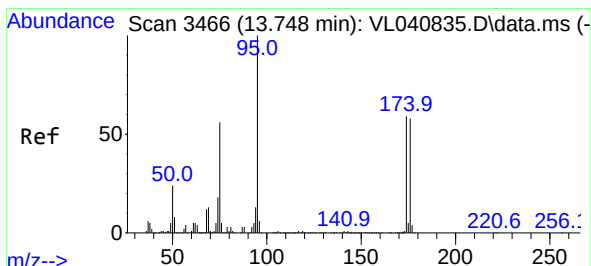
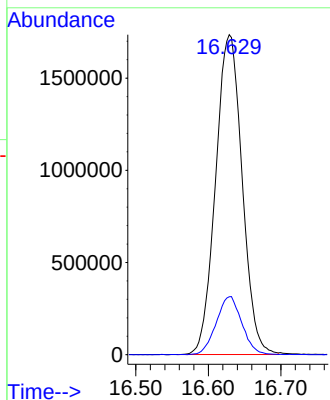
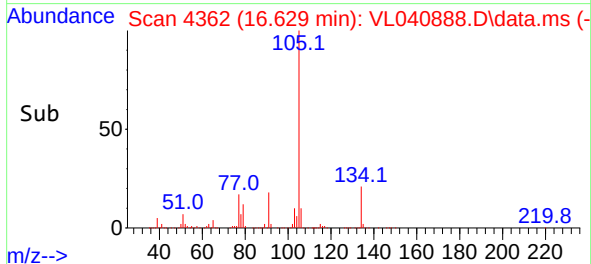
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



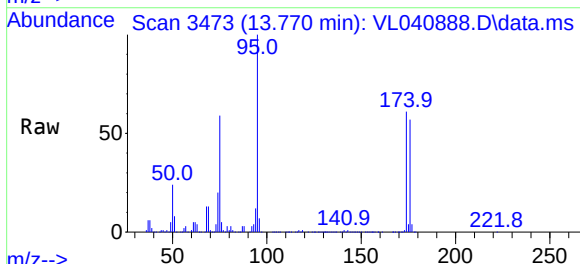
Tgt Ion:105 Resp: 4412020
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.3 21.5

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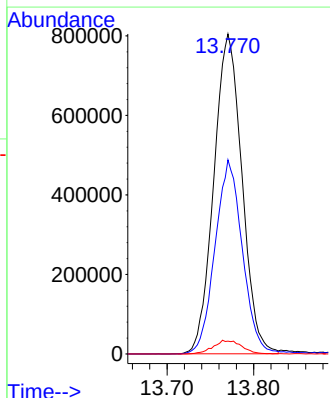
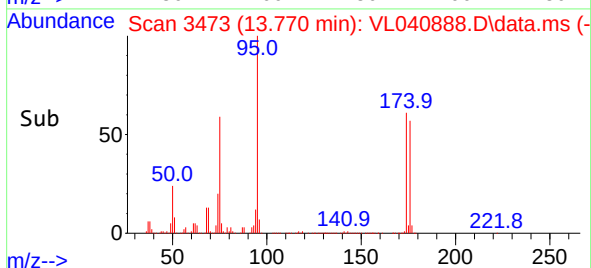
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

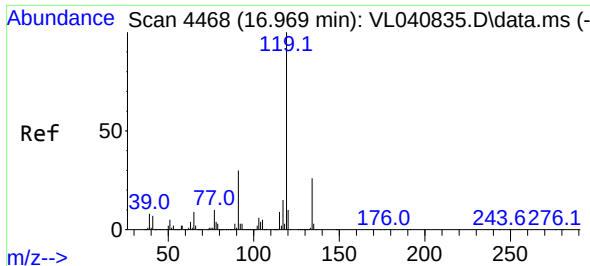


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.768 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL040888.D
 Acq: 17 Nov 2023 9:58



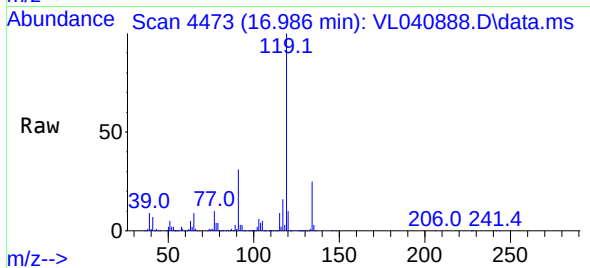
Tgt Ion: 95 Resp: 1815138
 Ion Ratio Lower Upper
 95 100
 174 59.8 47.5 71.3
 175 4.3 3.6 5.4





#69
p-Isopropyltoluene
Concen: 9.890 ppbv
RT: 16.986 min Scan# 4468
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

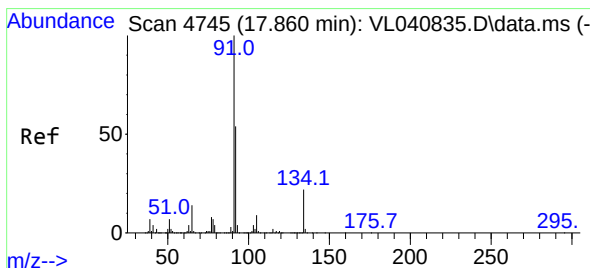
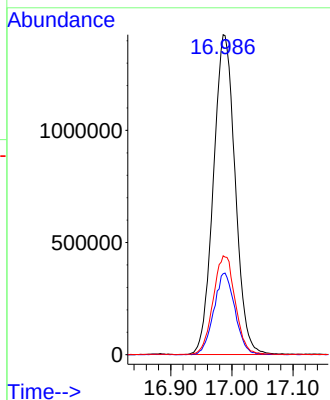
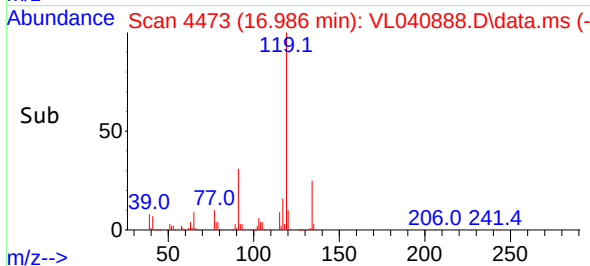
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



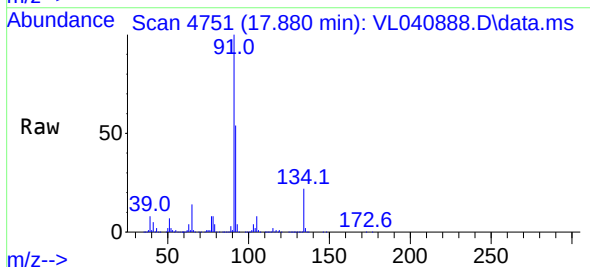
Tgt Ion:119 Resp: 3522914
Ion Ratio Lower Upper
119 100
134 24.9 20.5 30.7
91 31.6 24.7 37.1

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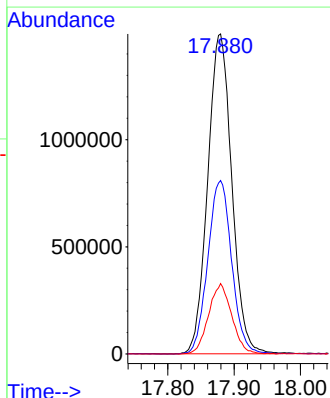
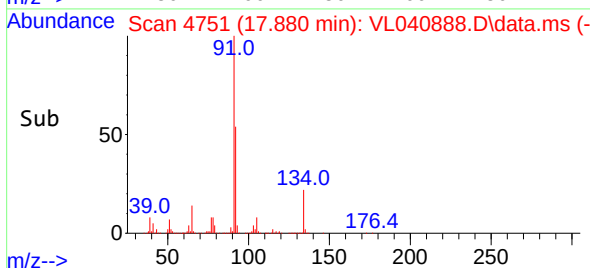
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

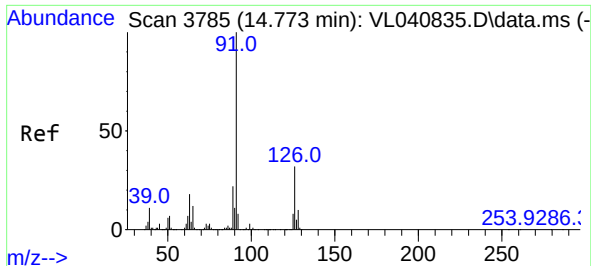


#70
n-Butylbenzene
Concen: 10.008 ppbv
RT: 17.880 min Scan# 4751
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



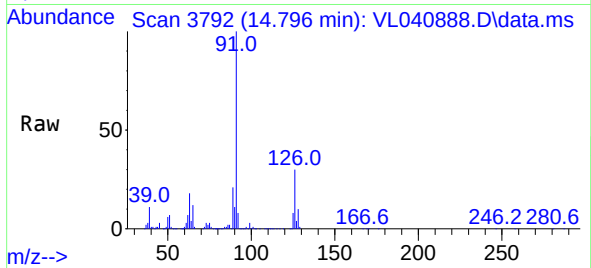
Tgt Ion: 91 Resp: 3764447
Ion Ratio Lower Upper
91 100
92 54.1 43.4 65.2
134 21.3 17.4 26.0





#71
2-Chlorotoluene
Concen: 9.944 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

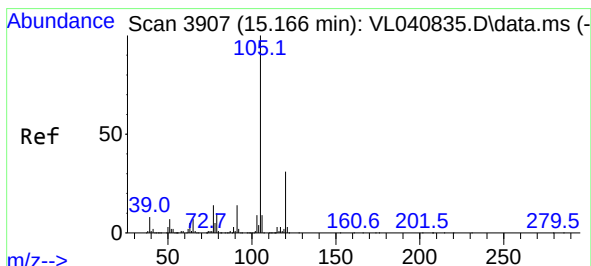
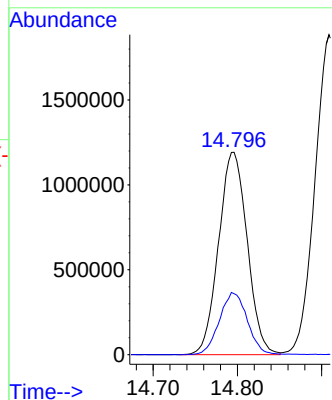
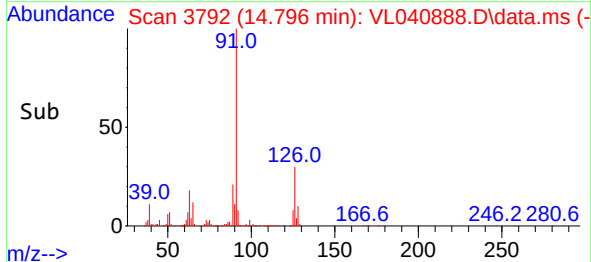
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



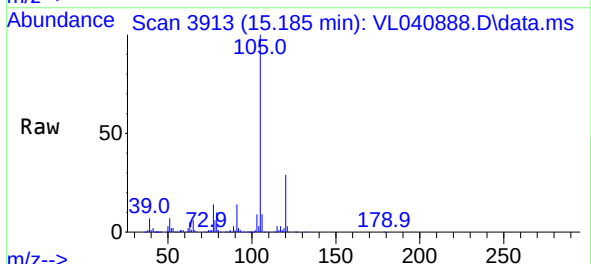
Tgt Ion: 91 Resp: 2811598
Ion Ratio Lower Upper
91 100
126 30.1 12.1 48.5

Manual Integrations
APPROVED

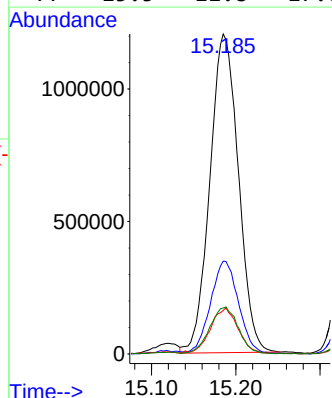
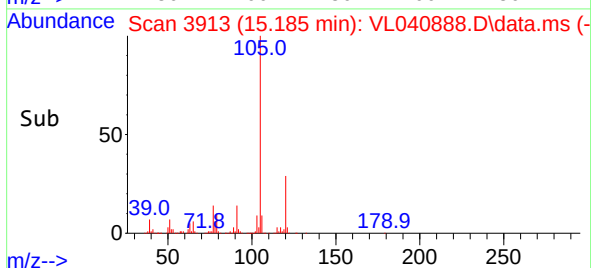
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

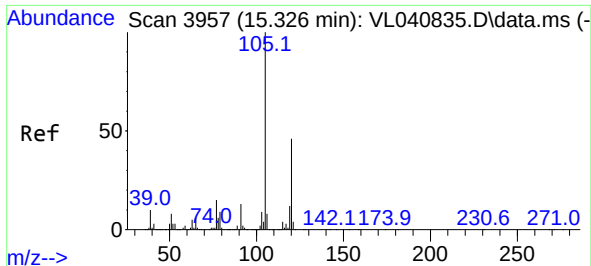


#72
4-Ethyltoluene
Concen: 10.253 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



Tgt Ion:105 Resp: 2829454
Ion Ratio Lower Upper
105 100
120 28.8 24.5 36.7
91 14.0 10.6 16.0
77 15.5 11.8 17.6





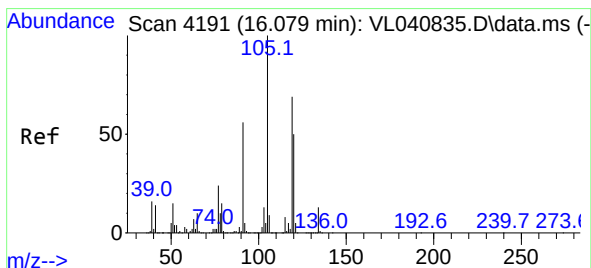
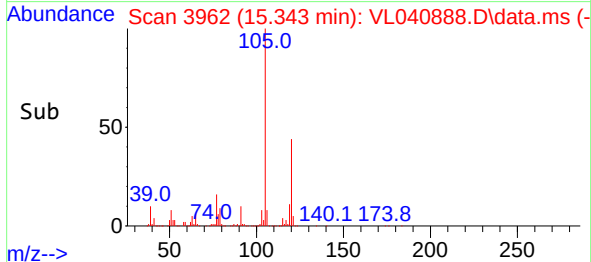
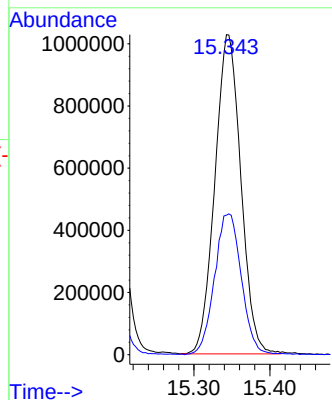
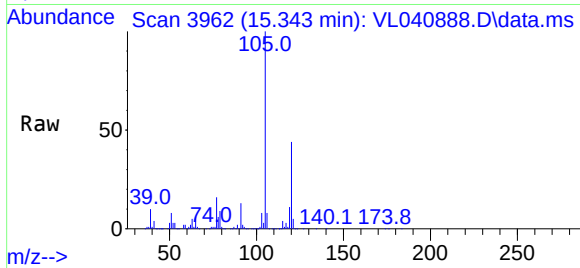
#73
1,3,5-Trimethylbenzene
Concen: 9.995 ppbv
RT: 15.343 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2439340
Ion Ratio Lower Upper
105 100
120 43.6 36.8 55.2

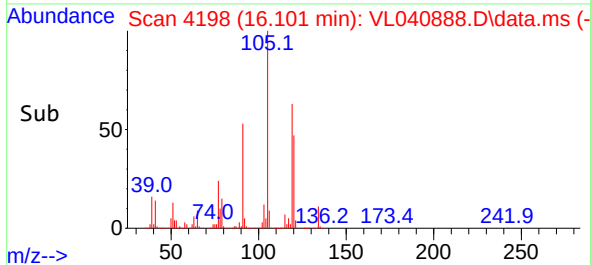
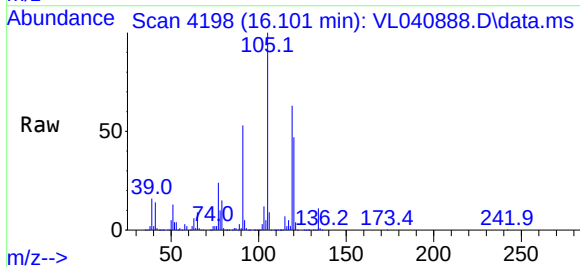
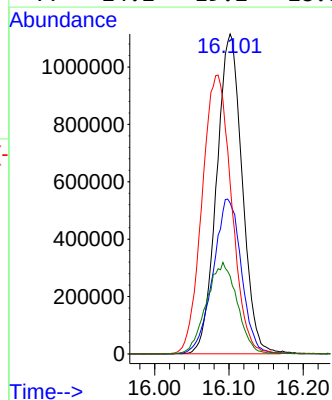
Manual Integrations
APPROVED

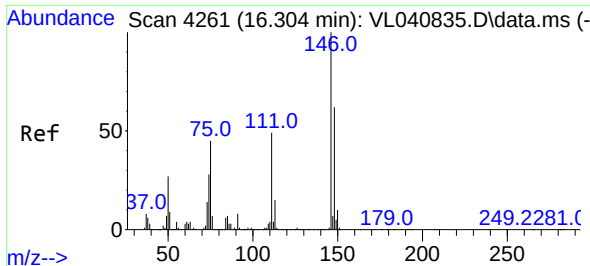
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.796 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

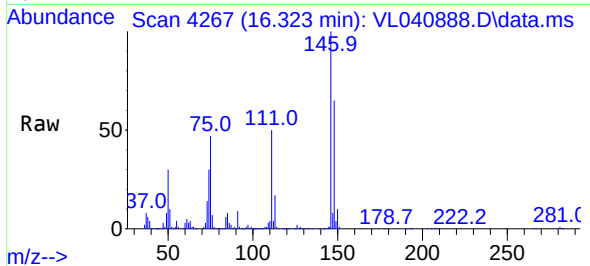
Tgt Ion:105 Resp: 2668102
Ion Ratio Lower Upper
105 100
120 47.0 40.2 60.2
91 53.2 45.7 68.5
77 24.2 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 9.981 ppbv
RT: 16.323 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

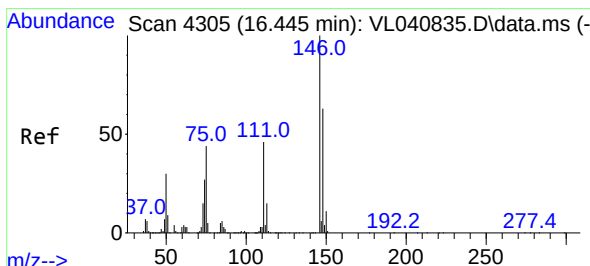
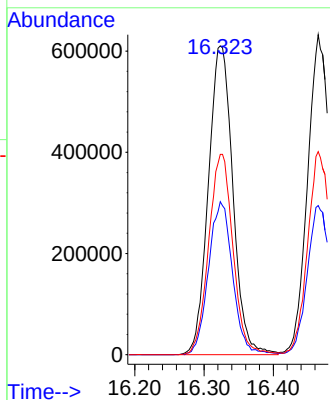
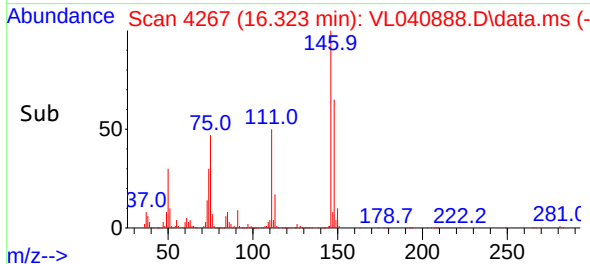
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



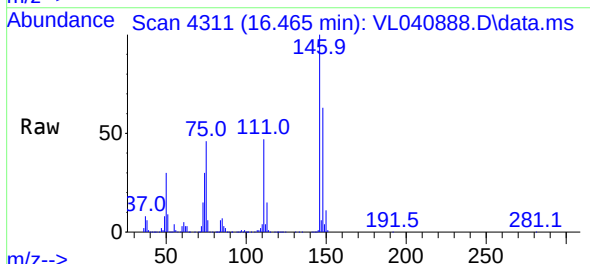
Tgt Ion:146 Resp: 1501039
Ion Ratio Lower Upper
146 100
111 48.8 24.9 74.8
148 64.4 32.1 96.5

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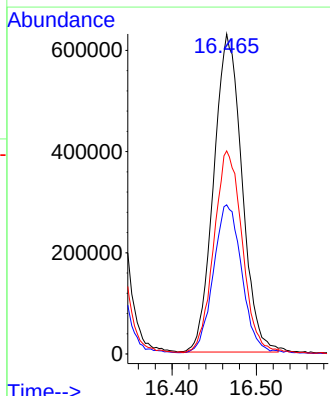
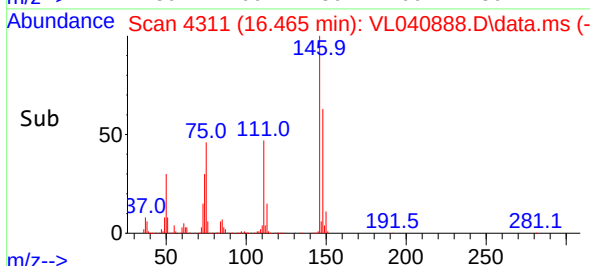
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

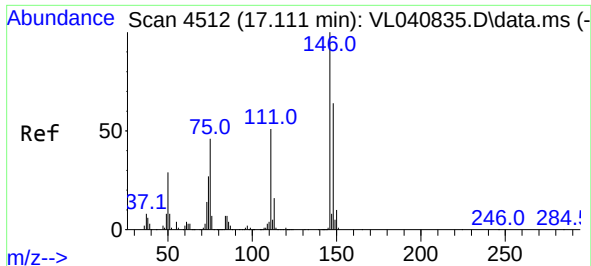


#76
1,4-Dichlorobenzene
Concen: 10.155 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



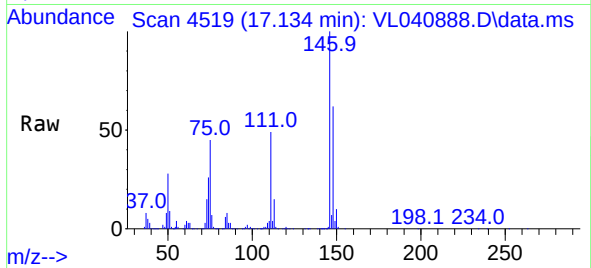
Tgt Ion:146 Resp: 1462102
Ion Ratio Lower Upper
146 100
111 48.4 24.1 72.4
148 65.1 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 9.832 ppbv
RT: 17.134 min Scan# 4519
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

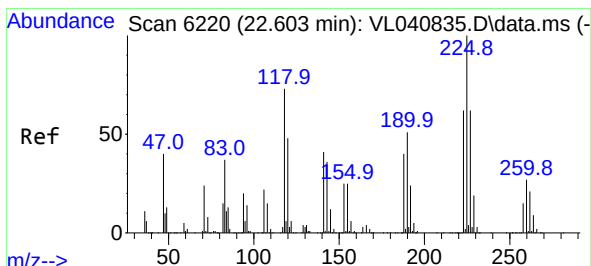
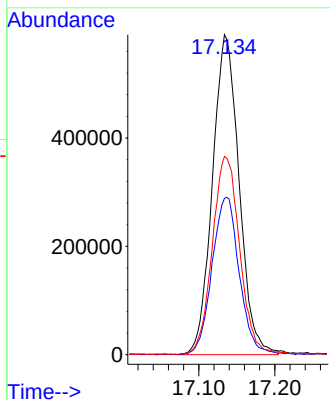
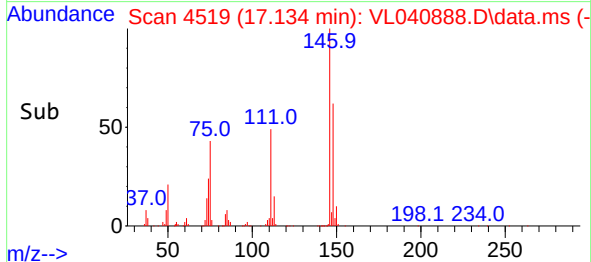
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



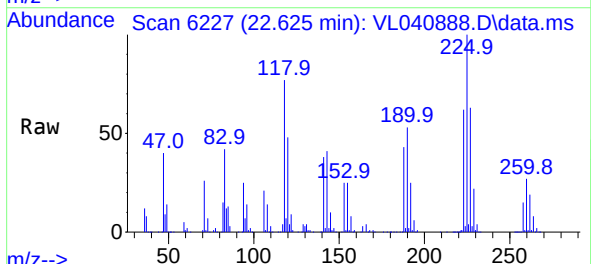
Tgt Ion:146 Resp: 143774
Ion Ratio Lower Upper
146 100
111 50.3 25.7 77.1
148 64.3 32.3 96.9

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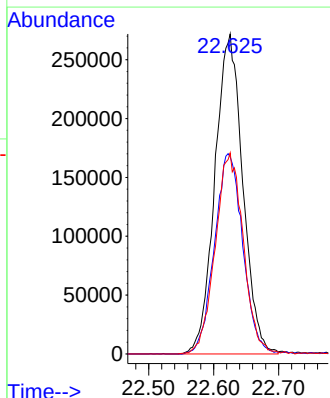
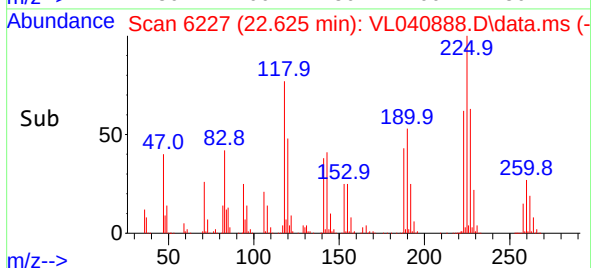
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

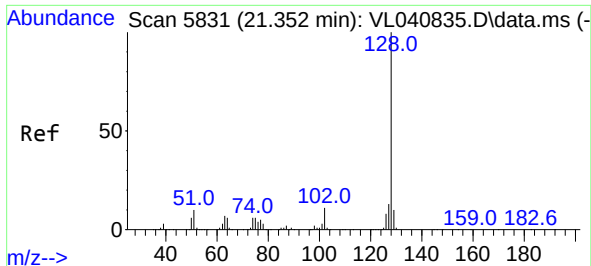


#78
Hexachloro-1,3-Butadiene
Concen: 8.837 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



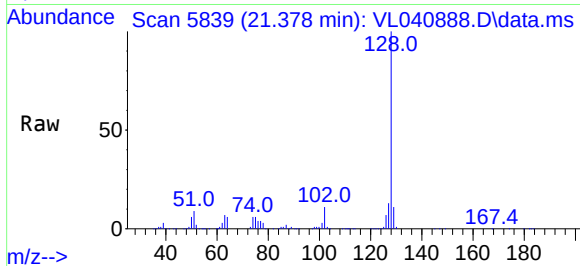
Tgt Ion:225 Resp: 809104
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 63.6 50.8 76.2





#79
Naphthalene
Concen: 12.437 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58

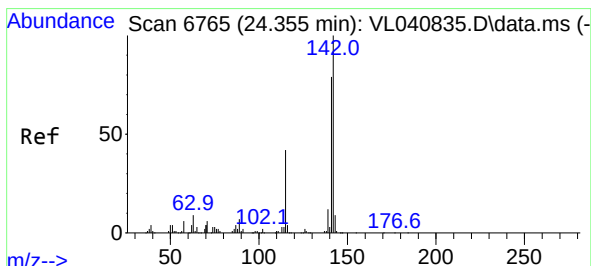
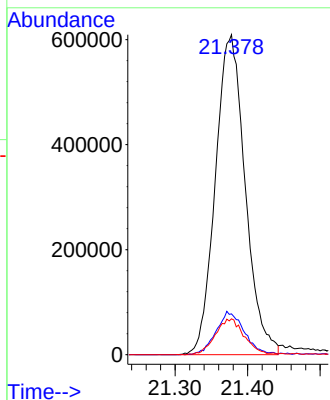
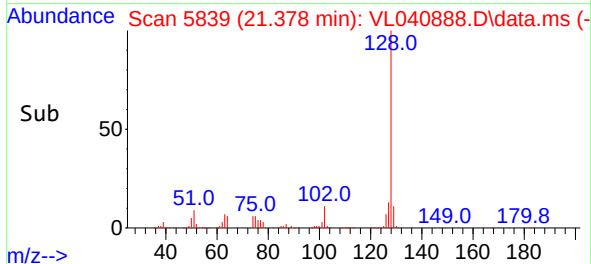
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



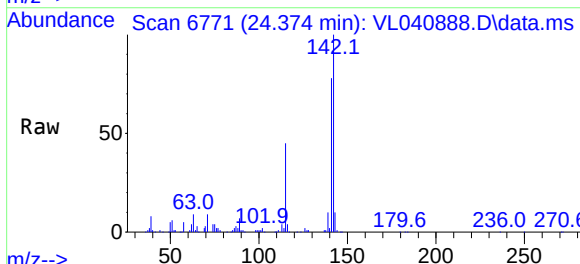
Tgt Ion:128 Resp: 174100
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.2 8.3 12.5

Manual Integrations
APPROVED

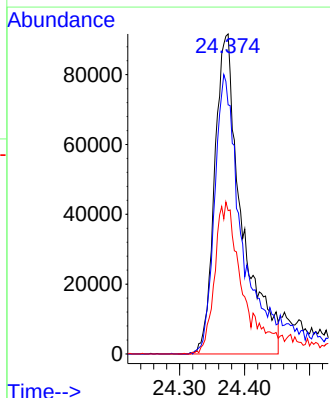
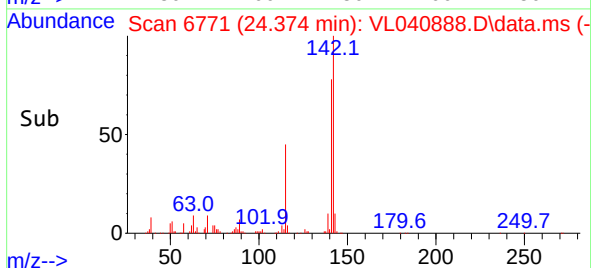
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

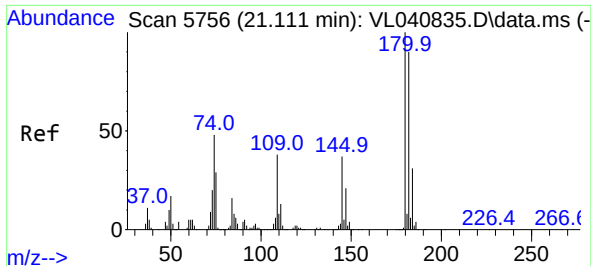


#80
Naphthalene,2-methyl-
Concen: 10.692 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.000 min
Lab File: VL040888.D
Acq: 17 Nov 2023 9:58



Tgt Ion:142 Resp: 264218
Ion Ratio Lower Upper
142 100
141 100.9 65.8 98.8#
115 49.7 35.6 53.4





#81

1,2,4-Trichlorobenzene

Concen: 10.359 ppbv

RT: 21.127 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040888.D

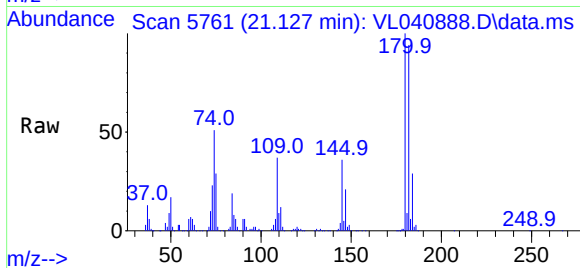
Acq: 17 Nov 2023 9:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 881600

Ion Ratio Lower Upper

180 100

182 99.1 77.6 116.4

184 31.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023

