

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040542.D
 Acq On : 26 Jul 2023 14:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 27 01:50:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

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

Internal Standards						
1) Bromochloromethane	5.173	49	921734	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2287111	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	2327657m	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1863830	10.117	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.706	85	1467253	7.958	ppbv	99
3) Chlorodifluoromethane	2.649	51	1437937	9.842	ppbv	95
4) Chloromethane	2.787	50	565219	9.766	ppbv	97
5) Vinyl Chloride	2.896	62	625233	10.288	ppbv	99
6) Bromomethane	3.096	94	270628	10.550	ppbv	98
7) Chloroethane	3.173	64	222261	10.424	ppbv	95
8) Dichlorotetrafluoroethane	2.832	85	1607564	10.598	ppbv	100
9) Propene	2.668	41	437165	8.740	ppbv	98
10) Heptane	7.565	43	1146756	10.383	ppbv	100
11) Trichlorofluoromethane	3.539	101	1722341	11.577	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.047	101	1224191	11.684	ppbv	93
13) Ethanol	3.218	45	111965	10.289	ppbv	95
14) Bromoethene	3.343	108	507387	11.262	ppbv	99
15) Acetone	3.443	43	1137530	10.721	ppbv	97
16) 1,3-Butadiene	2.960	39	565860	10.571	ppbv	98
17) tert-Butyl alcohol	3.854	59	1278089	11.647	ppbv	100
18) 1,1-Dichloroethene	3.858	96	546419	11.344	ppbv	97
19) Isopropyl Alcohol	3.552	45	709277	11.645	ppbv #	95
20) Methylene Chloride	3.912	84	456582	10.117	ppbv	96
21) Allyl Chloride	3.973	41	619645	10.227	ppbv	94
22) trans-1,2-Dichloroethene	4.423	96	544593	11.459	ppbv	91
23) Vinyl Acetate	4.604	43	1112032	11.002	ppbv	99
24) 1,1-Dichloroethane	4.542	63	1101842	10.739	ppbv	99
25) Ethyl Acetate	5.182	43	2034465	10.072	ppbv	99
26) Hexane	5.192	57	898142	9.571	ppbv	94
27) Carbon Disulfide	4.102	76	1310591	11.873	ppbv	99
28) Methyl tert-Butyl Ether	4.565	73	777743	10.295	ppbv	100
29) Chloroform	5.256	83	1609071	10.338	ppbv	98
30) Cyclohexane	6.587	84	765184	9.800	ppbv	97
31) cis-1,2-Dichloroethene	5.060	61	943955	10.177	ppbv	96
32) 1,1,1-Trichloroethane	5.986	97	1665229	10.934	ppbv	99
34) 2-Butanone	4.764	43	1249925	11.060	ppbv	98
35) Carbon Tetrachloride	6.475	117	1709697	12.421	ppbv	96
36) Benzene	6.356	78	1900795	10.329	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1242667	11.478	ppbv	97
38) Trichloroethene	7.275	130	806602	11.588	ppbv	95
39) 1,2-Dichloropropane	7.057	63	746036	10.531	ppbv	95
40) 1,4-Dioxane	7.269	88	260462	11.755	ppbv #	31
41) Tetrahydrofuran	5.536	42	682592	10.350	ppbv	99
42) Bromodichloromethane	7.234	83	1787408	11.871	ppbv	99
43) Methyl Methacrylate	7.459	69	790557	11.477	ppbv	96
44) 2,2,4-Trimethylpentane	7.311	57	3180385	10.742	ppbv	97
45) t-1,3-Dichloropropene	8.697	75	573612	12.982	ppbv	97

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 01:50:50 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

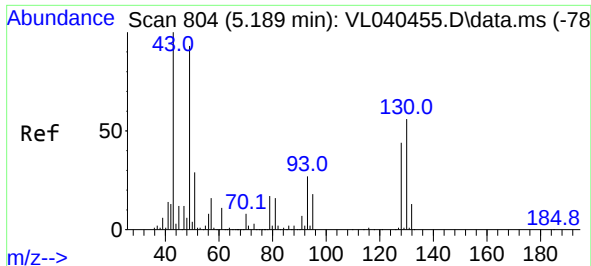
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

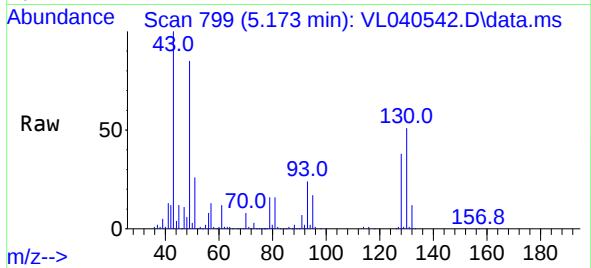
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	687697	12.131	ppbv	93
47) 1,1,2-Trichloroethane	8.886	97	842488	10.779	ppbv	98
48) Dibromochloromethane	9.697	129	1466321	12.134	ppbv	99
49) Bromoform	12.401	173	1230875m	12.847	ppbv	
50) 4-Methyl-2-Pentanone	8.166	43	1934740	11.783	ppbv	96
51) 2-Hexanone	9.539	43	1429921	12.315	ppbv #	96
52) Tetrachloroethene	10.603	164	682967	11.460	ppbv	94
53) Toluene	9.208	91	2250712	11.259	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1135708	11.690	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.497	131	1113008	10.677	ppbv	98
57) Chlorobenzene	11.513	112	1821275	10.033	ppbv	97
58) Ethyl Benzene	12.079	91	3176032	10.873	ppbv	97
59) m/p-Xylene	12.362	91	5640283m	21.634	ppbv	
60) o-Xylene	13.050	91	2731919	11.000	ppbv	99
61) Styrene	12.886	104	1323466	11.552	ppbv	97
62) Isopropylbenzene	14.021	105	3959269	10.636	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	1897170	10.908	ppbv	100
64) n-propylbenzene	14.905	120	1047894	10.880	ppbv	93
65) tert-Butylbenzene	16.082	119	3603926	10.936	ppbv	97
66) Benzyl Chloride	16.317	91	274234	11.763	ppbv	98
67) sec-Butylbenzene	16.626	105	5234433	10.810	ppbv	99
69) p-Isopropyltoluene	16.989	119	4335104	10.834	ppbv	98
70) n-Butylbenzene	17.876	91	4902331	10.986	ppbv	99
71) 2-Chlorotoluene	14.793	91	3152553	10.989	ppbv	98
72) 4-Ethyltoluene	15.185	105	3290919	11.304	ppbv	98
73) 1,3,5-Trimethylbenzene	15.343	105	2868003	11.176	ppbv	95
74) 1,2,4-Trimethylbenzene	16.098	105	3298733	11.025	ppbv	94
75) 1,3-Dichlorobenzene	16.323	146	1931576	10.648	ppbv	99
76) 1,4-Dichlorobenzene	16.462	146	1896543	10.662	ppbv	99
77) 1,2-Dichlorobenzene	17.134	146	1862458	10.737	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1587387	9.744	ppbv	99
79) Naphthalene	21.375	128	3307385	13.065	ppbv	100
80) Naphthalene,2-methyl-	24.365	142	1396450	13.378	ppbv	98
81) 1,2,4-Trichlorobenzene	21.130	180	1954289	11.202	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

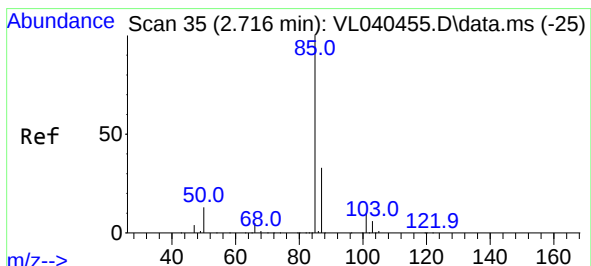
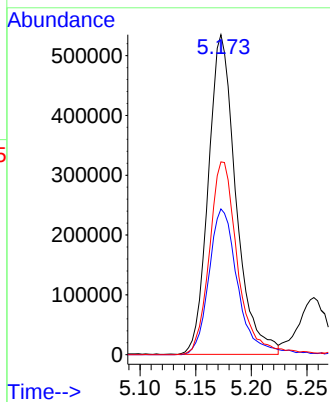
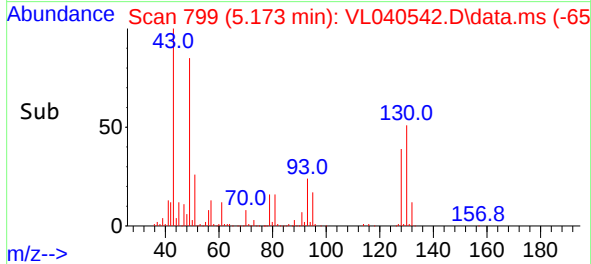
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



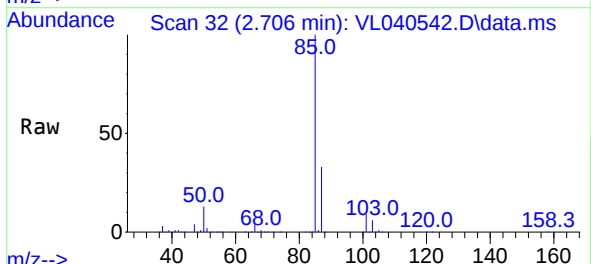
Tgt Ion: 49 Resp: 921734
Ion Ratio Lower Upper
49 100
128 48.7 25.1 75.4
130 62.7 31.6 94.7

Manual Integrations
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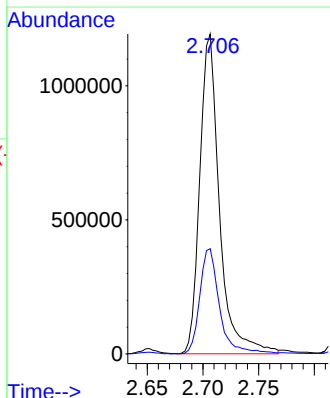
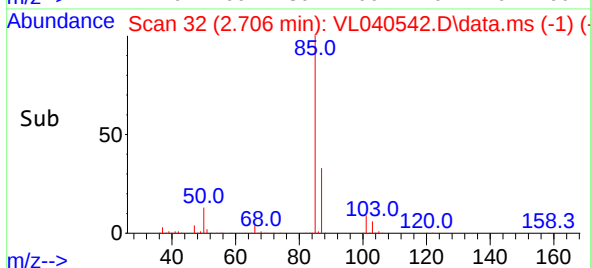
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

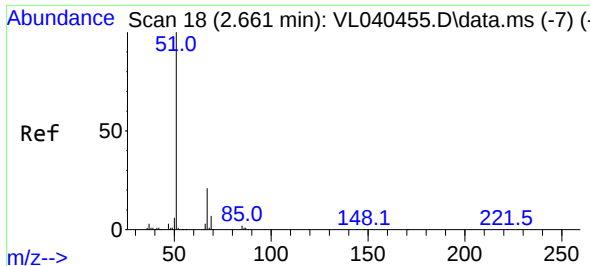


#2
Dichlorodifluoromethane
Concen: 7.958 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.032 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion: 85 Resp: 1467253
Ion Ratio Lower Upper
85 100
87 32.9 26.8 40.2





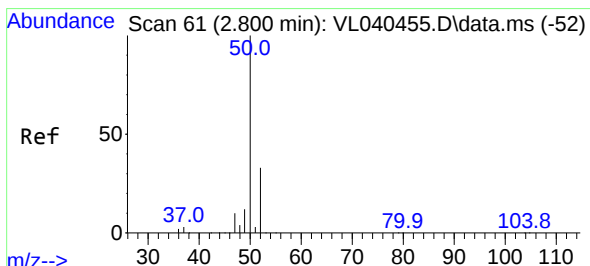
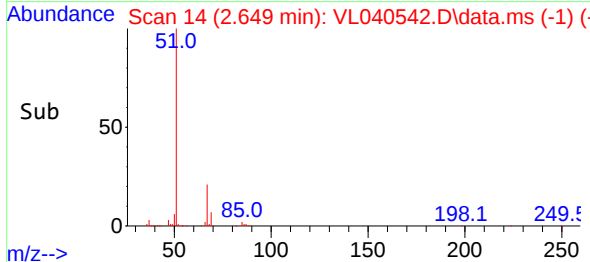
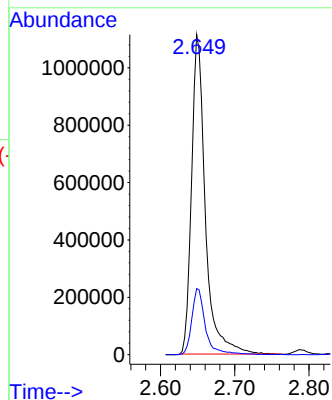
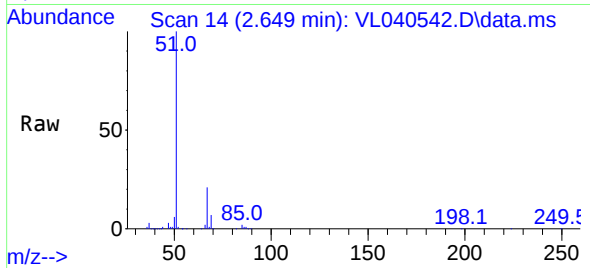
#3
Chlorodifluoromethane
Concen: 9.842 ppbv
RT: 2.649 min Scan# 14
Delta R.T. -0.035 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 143793
Ion Ratio Lower Upper
51 100
67 20.6 14.6 21.8

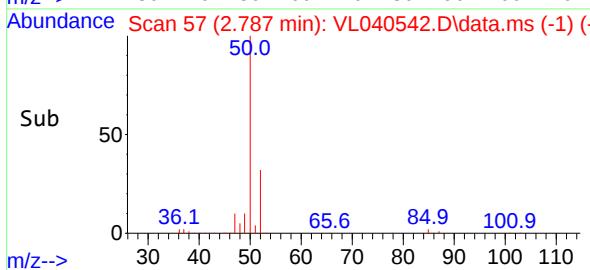
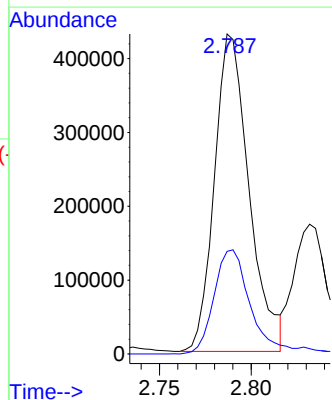
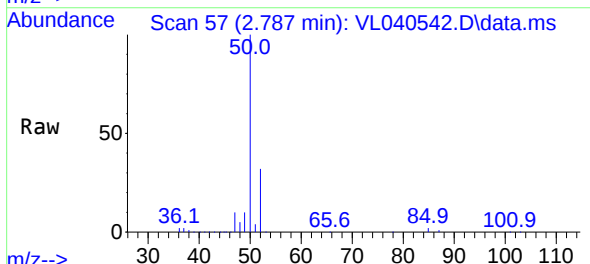
Manual Integrations
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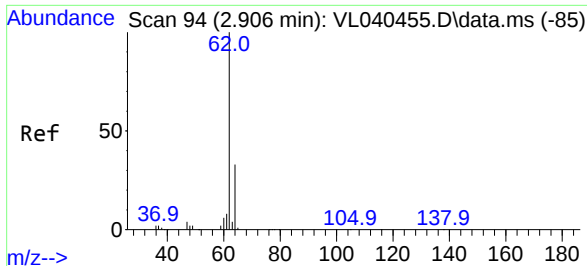
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#4
Chloromethane
Concen: 9.766 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.035 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

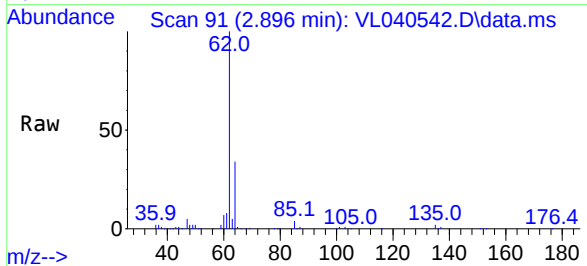
Tgt Ion: 50 Resp: 565219
Ion Ratio Lower Upper
50 100
52 32.3 24.4 36.6





#5
 Vinyl Chloride
 Concen: 10.288 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. -0.032 min
 Lab File: VL040542.D
 Acq: 26 Jul 2023 14:00

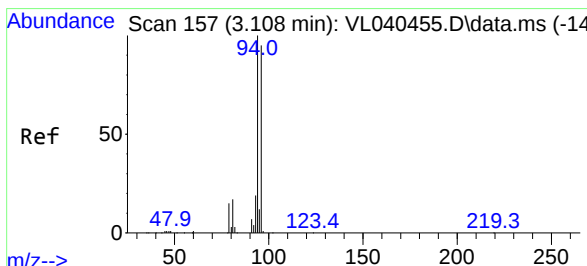
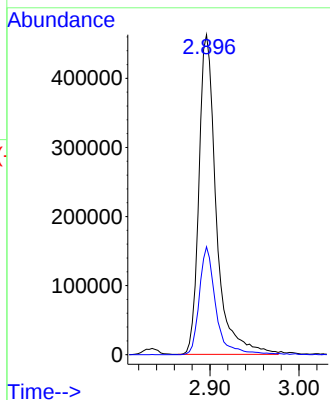
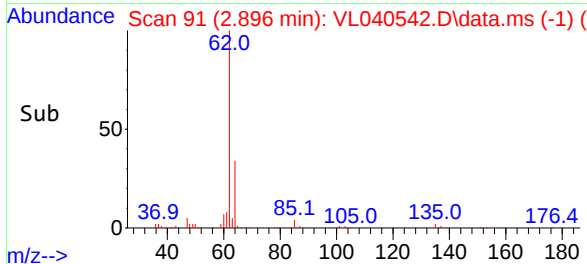
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 62523
 Ion Ratio Lower Upper
 62 100
 64 33.7 26.4 39.6

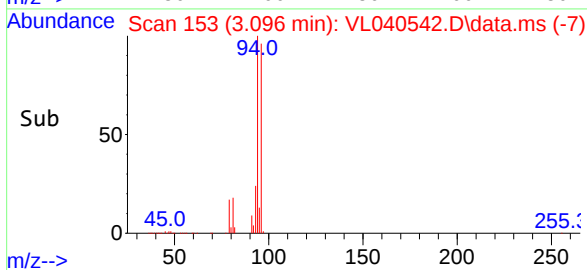
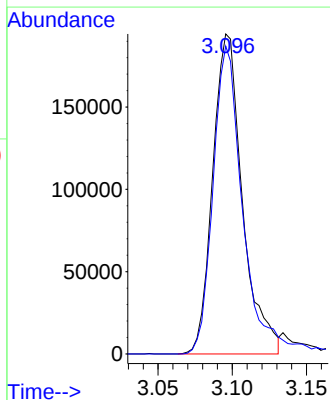
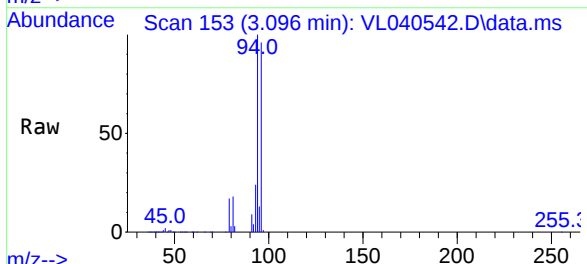
Manual Integrations
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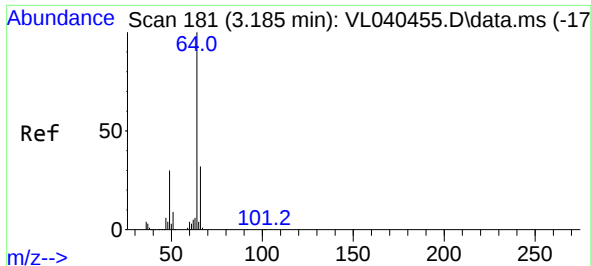
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#6
 Bromomethane
 Concen: 10.550 ppbv
 RT: 3.096 min Scan# 153
 Delta R.T. -0.032 min
 Lab File: VL040542.D
 Acq: 26 Jul 2023 14:00

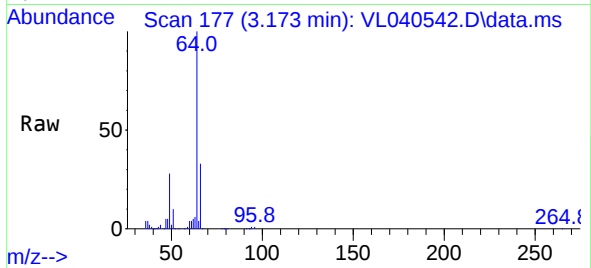
Tgt Ion: 94 Resp: 270628
 Ion Ratio Lower Upper
 94 100
 96 96.2 75.7 113.5





#7
Chloroethane
Concen: 10.424 ppbv
RT: 3.173 min Scan# 11
Delta R.T. -0.032 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

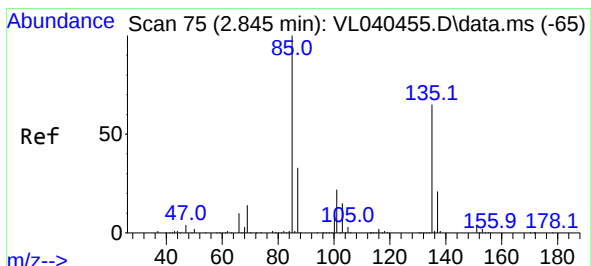
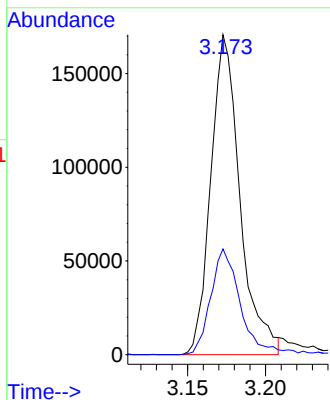
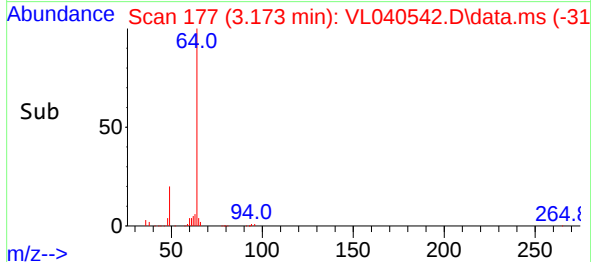
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



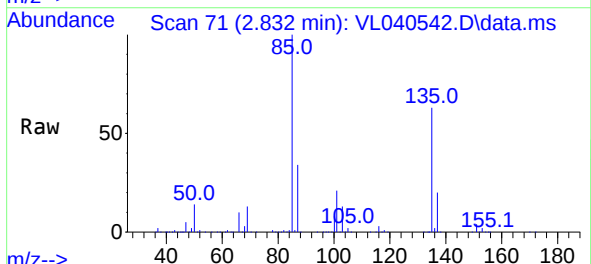
Tgt Ion: 64 Resp: 22226
Ion Ratio Lower Upper
64 100
66 33.1 24.4 36.6

Manual Integrations
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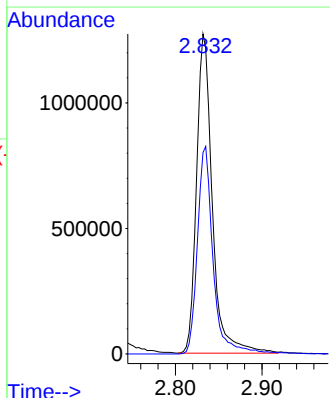
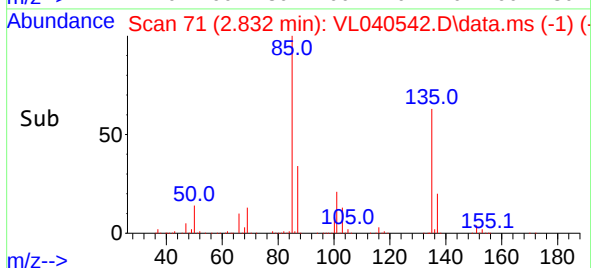
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



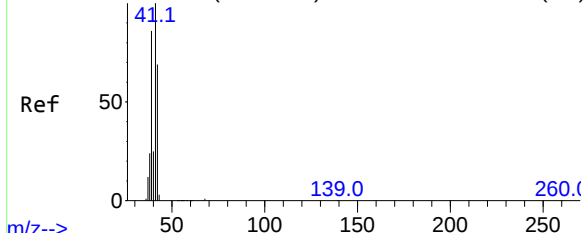
#8
Dichlorotetrafluoroethane
Concen: 10.598 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.035 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion: 85 Resp: 1607564
Ion Ratio Lower Upper
85 100
135 65.3 52.4 78.6



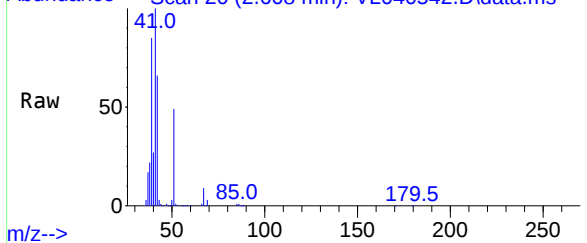
Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9
Propene
Concen: 8.740 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.035 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Abundance Scan 20 (2.668 min): VL040542.D\data.ms

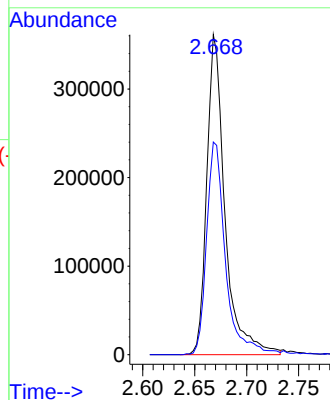
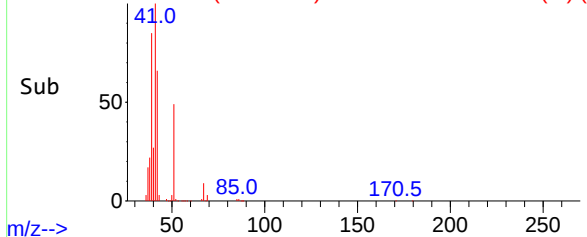


Tgt Ion: 41 Resp: 43716
Ion Ratio Lower Upper
41 100
42 70.5 55.0 82.6

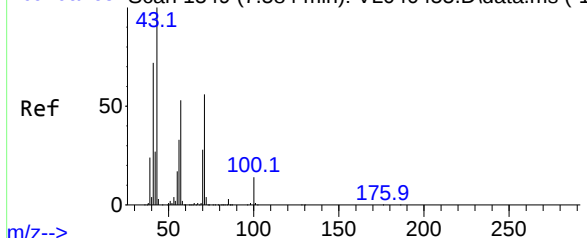
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

Abundance Scan 20 (2.668 min): VL040542.D\data.ms (-1)



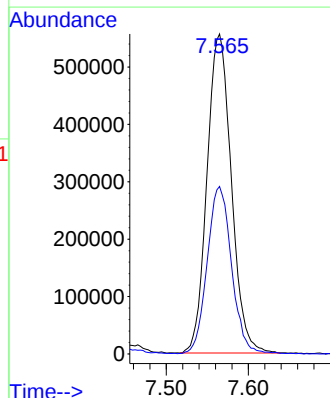
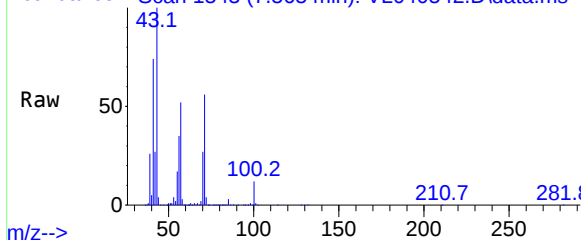
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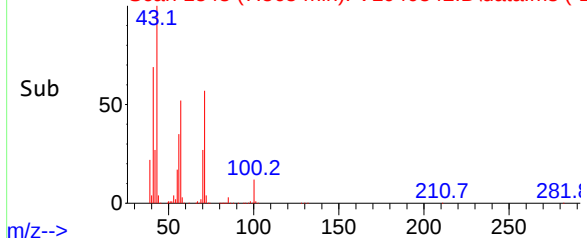
#10
Heptane
Concen: 10.383 ppbv
RT: 7.565 min Scan# 1543
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

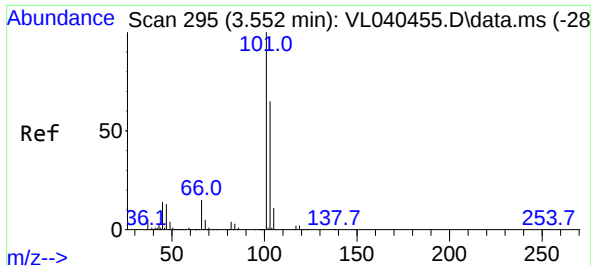
Tgt Ion: 43 Resp: 1146756
Ion Ratio Lower Upper
43 100
57 52.9 42.5 63.7

Abundance Scan 1543 (7.565 min): VL040542.D\data.ms



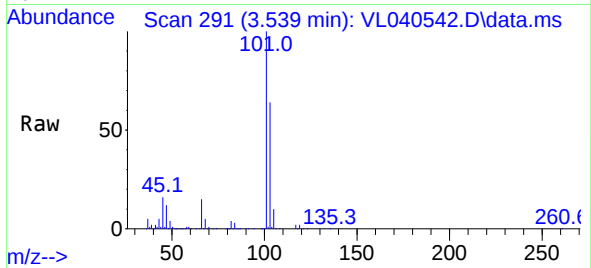
Abundance Scan 1543 (7.565 min): VL040542.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 11.577 ppbv
RT: 3.539 min Scan# 295
Delta R.T. -0.032 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

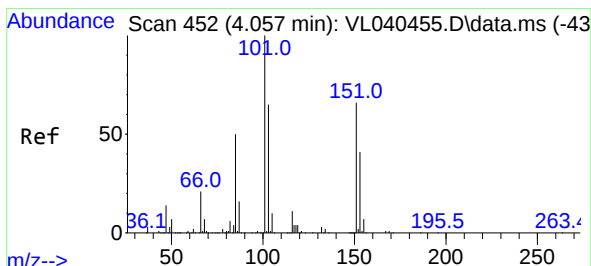
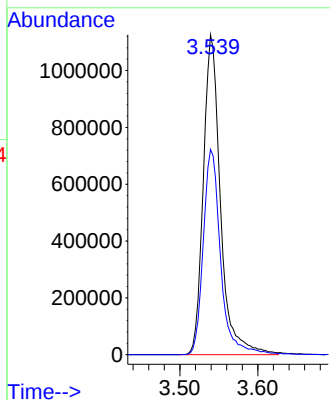
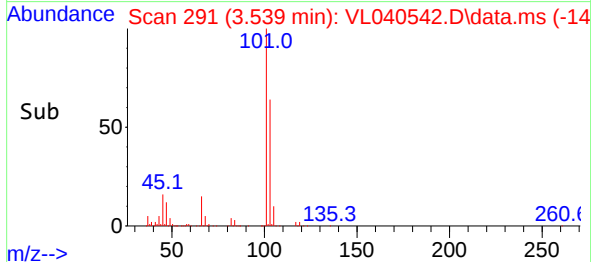
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



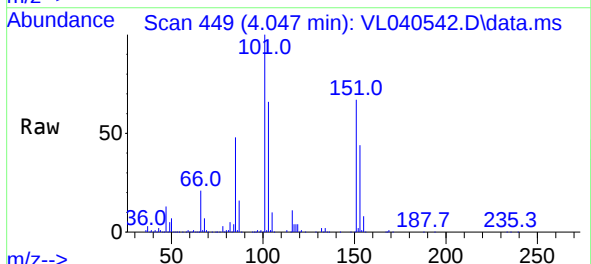
Tgt Ion:101 Resp: 172234
Ion Ratio Lower Upper
101 100
103 64.2 53.4 80.0

Manual Integrations
APPROVED

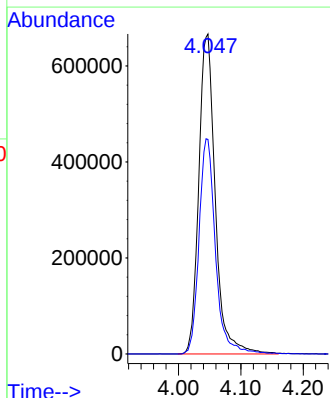
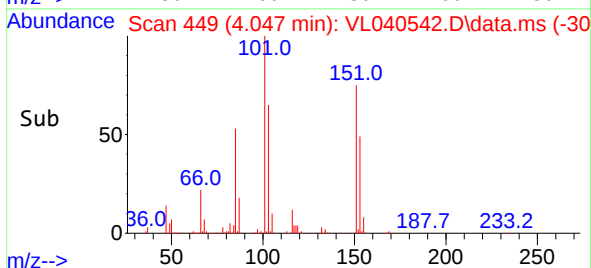
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

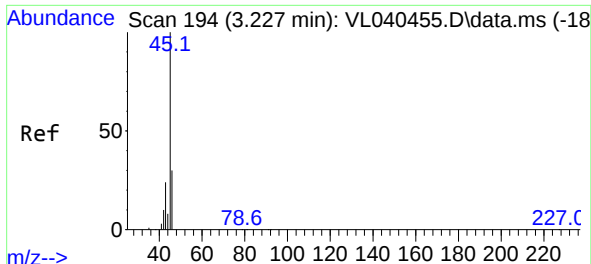


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.684 ppbv
RT: 4.047 min Scan# 449
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



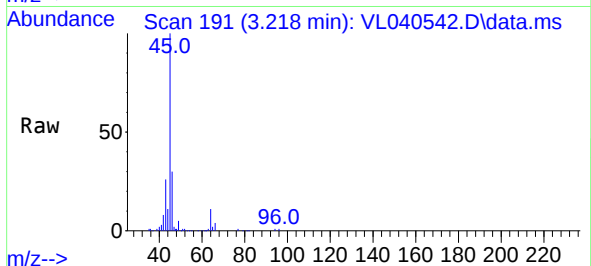
Tgt Ion:101 Resp: 1224191
Ion Ratio Lower Upper
101 100
151 67.3 58.2 87.4





#13
Ethanol
Concen: 10.289 ppbv
RT: 3.218 min Scan# 194
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

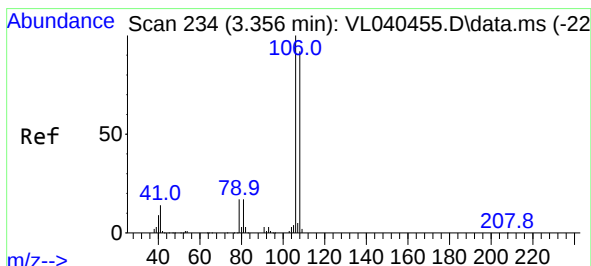
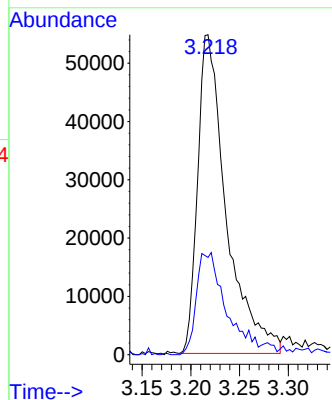
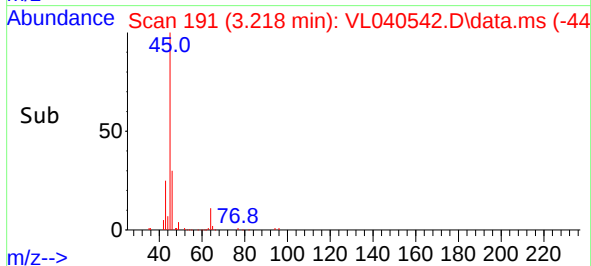
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



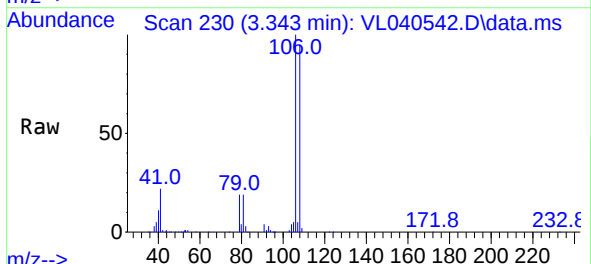
Tgt Ion: 45 Resp: 11196
Ion Ratio Lower Upper
45 100
46 35.2 15.3 61.1

Manual Integrations
APPROVED

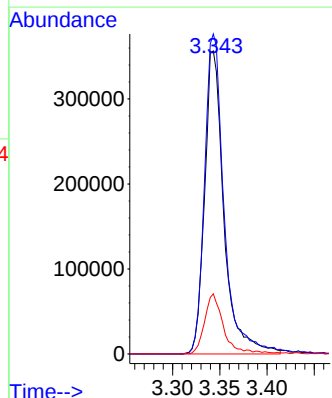
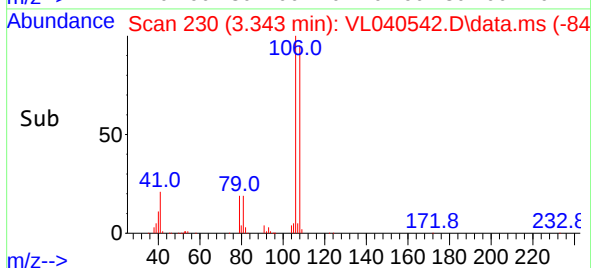
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

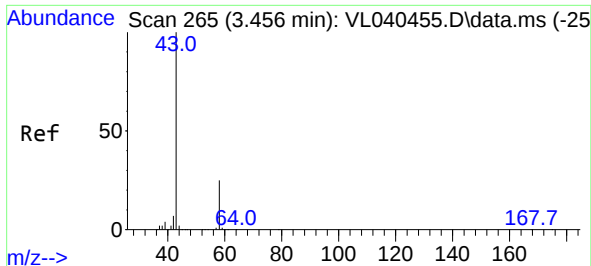


#14
Bromoethene
Concen: 11.262 ppbv
RT: 3.343 min Scan# 230
Delta R.T. -0.032 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



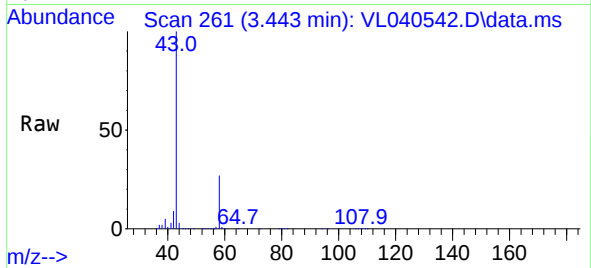
Tgt Ion:108 Resp: 507387
Ion Ratio Lower Upper
108 100
106 107.8 87.2 130.8
79 20.1 15.3 22.9





#15
Acetone
Concen: 10.721 ppbv
RT: 3.443 min Scan# 20
Delta R.T. -0.032 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

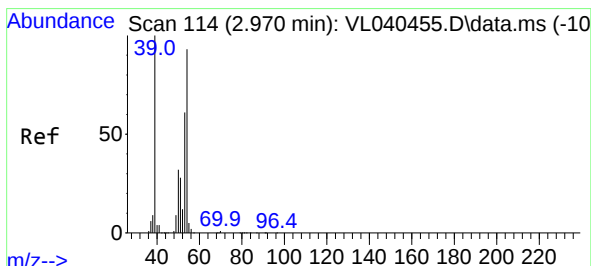
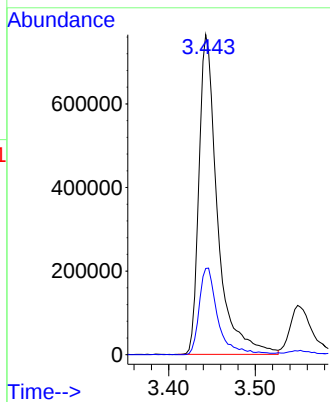
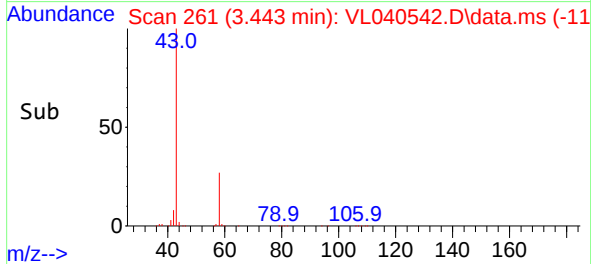
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1137530
Ion Ratio Lower Upper
43 100
58 27.1 22.9 34.3

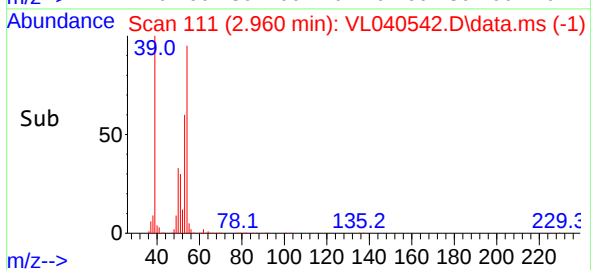
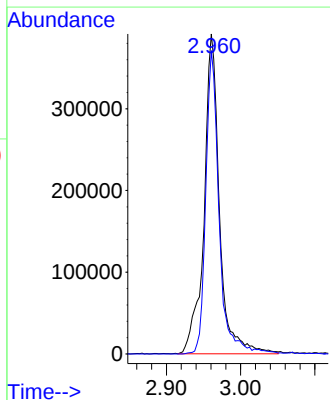
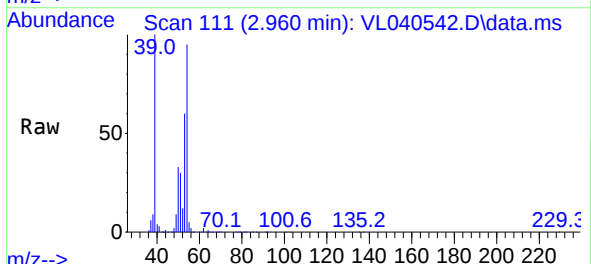
Manual Integrations
APPROVED

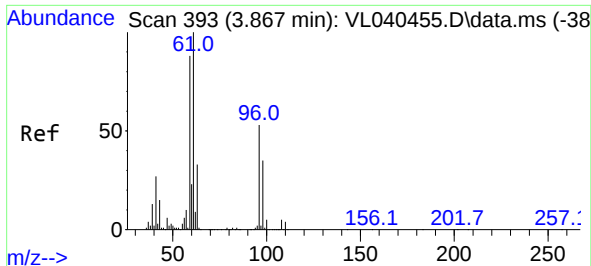
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#16
1,3-Butadiene
Concen: 10.571 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.032 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Tgt Ion: 39 Resp: 565860
Ion Ratio Lower Upper
39 100
54 81.5 66.6 100.0





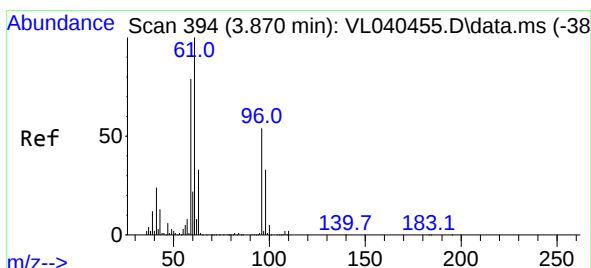
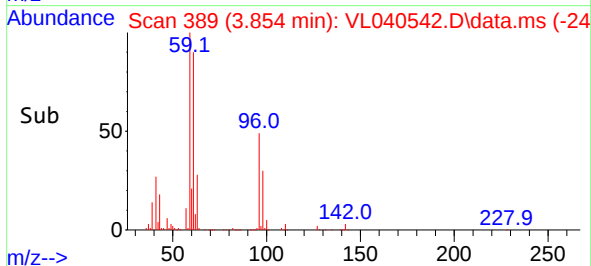
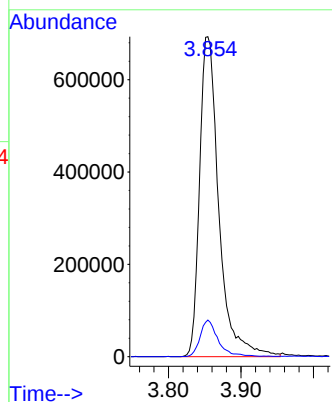
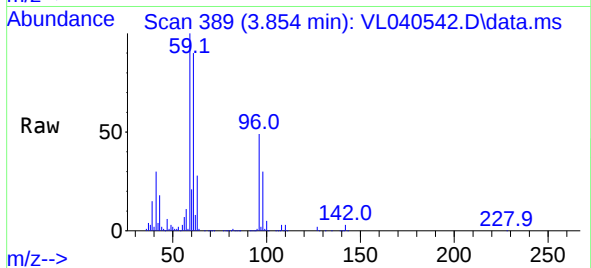
#17
tert-Butyl alcohol
Concen: 11.647 ppbv
RT: 3.854 min Scan# 390
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1278089
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

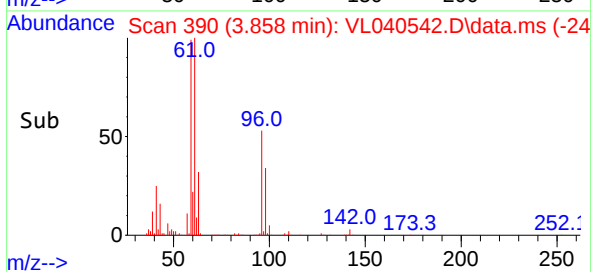
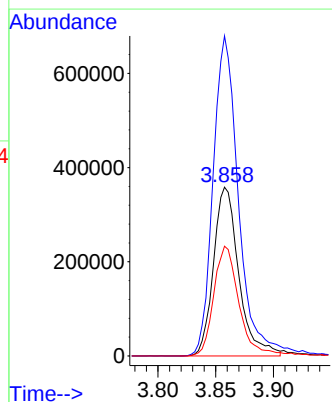
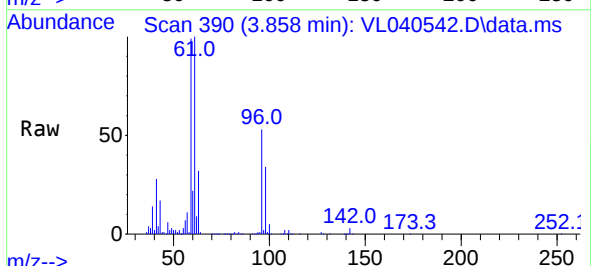
Manual Integrations
APPROVED

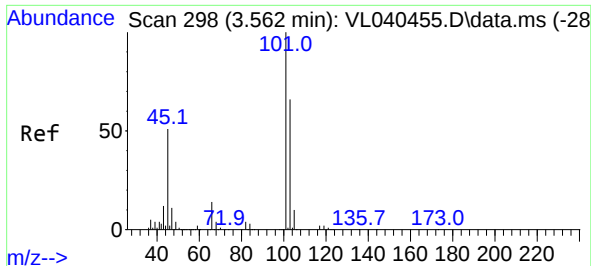
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#18
1,1-Dichloroethene
Concen: 11.344 ppbv
RT: 3.858 min Scan# 390
Delta R.T. -0.032 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

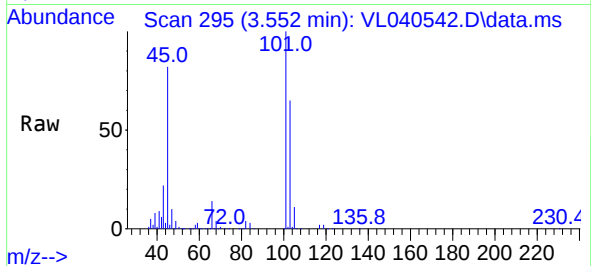
Tgt Ion: 96 Resp: 546419
Ion Ratio Lower Upper
96 100
61 189.6 154.4 231.6
98 65.0 50.0 75.0





#19
Isopropyl Alcohol
Concen: 11.645 ppbv
RT: 3.552 min Scan# 298
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

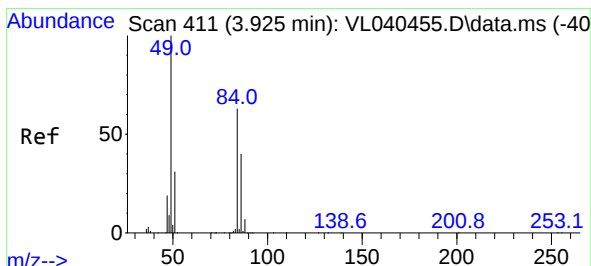
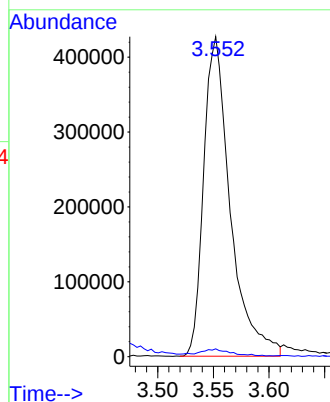
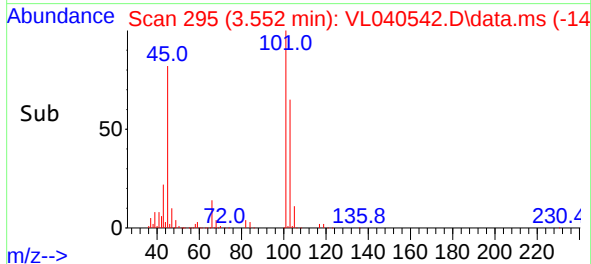
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



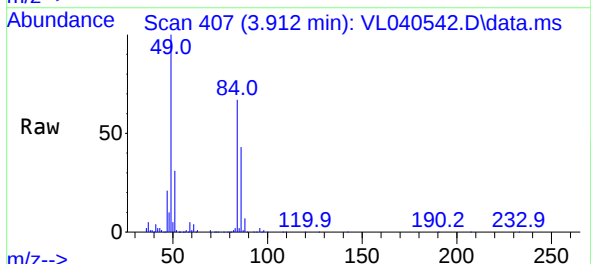
Tgt Ion: 45 Resp: 70927
Ion Ratio Lower Upper
45 100
58 3.2 1.1 1.7

Manual Integrations
APPROVED

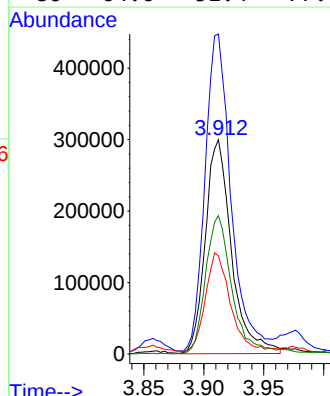
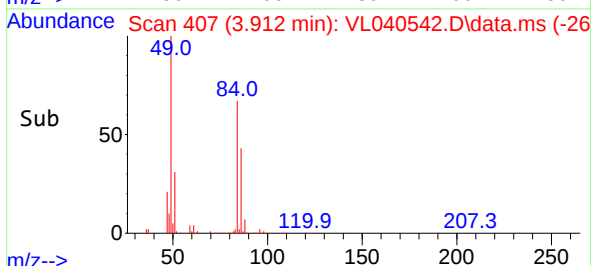
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

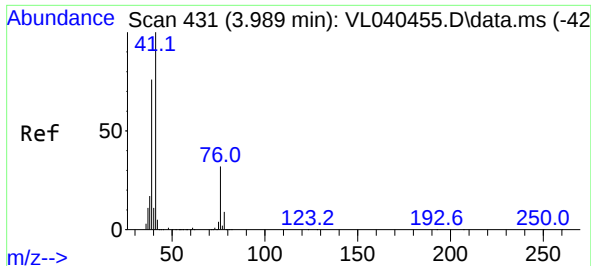


#20
Methylene Chloride
Concen: 10.117 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion: 84 Resp: 456582
Ion Ratio Lower Upper
84 100
49 148.5 123.4 185.2
51 44.7 38.3 57.5
86 64.6 51.4 77.0





#21

Allyl Chloride

Concen: 10.227 ppbv

RT: 3.973 min Scan# 41

Delta R.T. -0.032 min

Lab File: VL040542.D

Acq: 26 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

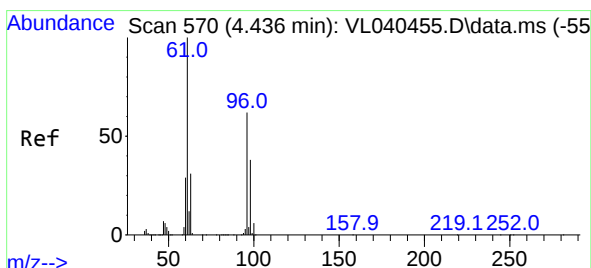
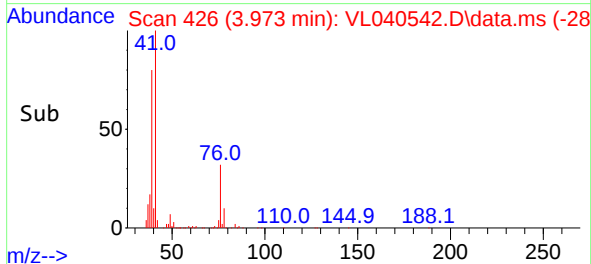
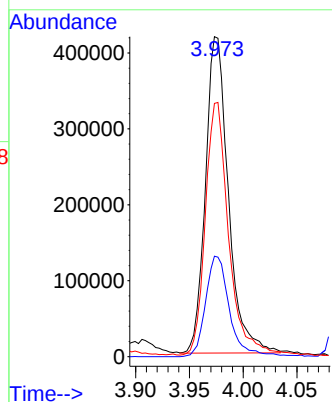
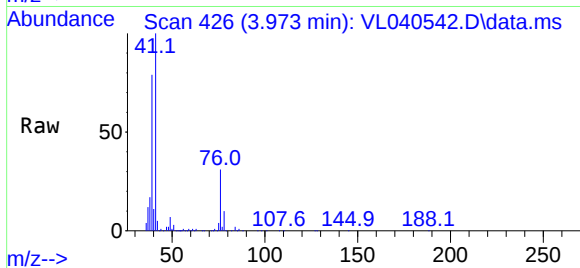
Tgt Ion: 41 Resp: 61964

Ion	Ratio	Lower	Upper
41	100		
76	32.9	24.8	37.2
39	82.1	60.6	91.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#22

trans-1,2-Dichloroethene

Concen: 11.459 ppbv

RT: 4.423 min Scan# 566

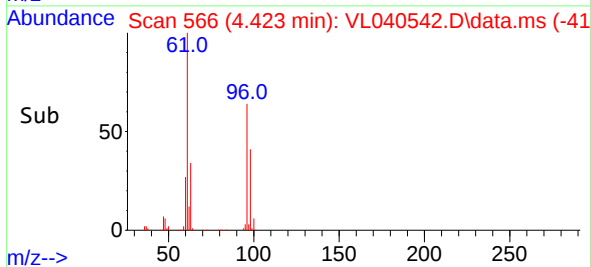
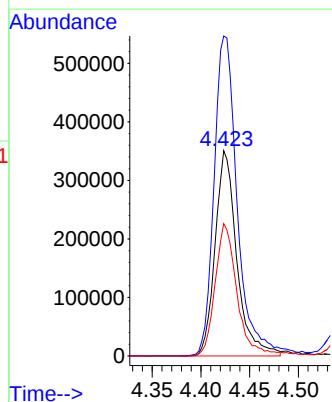
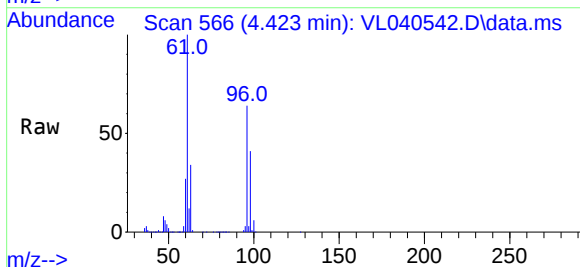
Delta R.T. -0.029 min

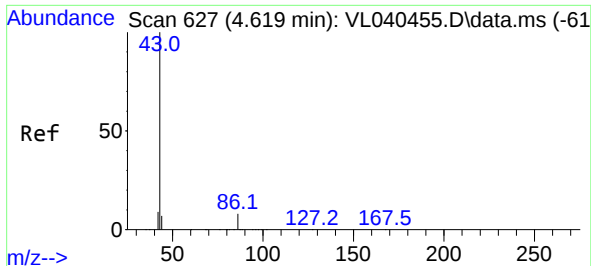
Lab File: VL040542.D

Acq: 26 Jul 2023 14:00

Tgt Ion: 96 Resp: 544593

Ion	Ratio	Lower	Upper
96	100		
61	155.8	137.7	206.5
98	64.5	52.9	79.3





#23
 Vinyl Acetate
 Concen: 11.002 ppbv
 RT: 4.604 min Scan# 61
 Delta R.T. -0.032 min
 Lab File: VL040542.D
 Acq: 26 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

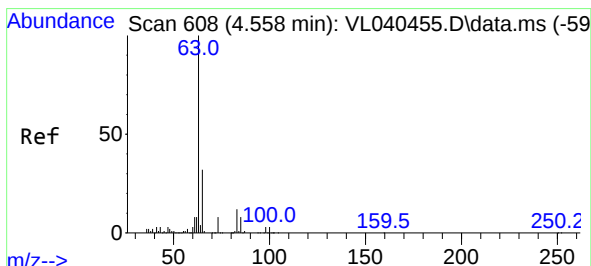
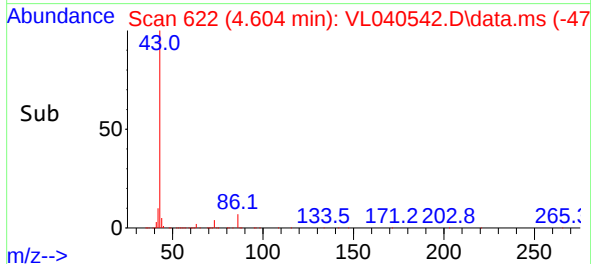
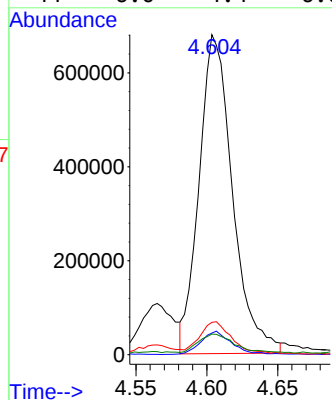
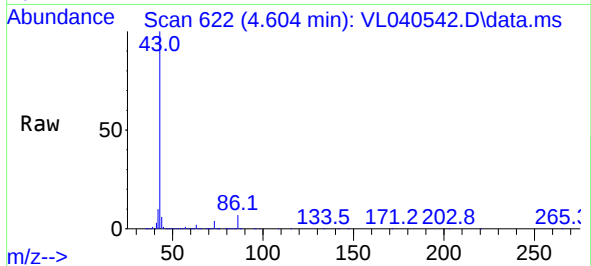
VSTDCCC010

Tgt Ion: 43 Resp: 111203
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.6 8.4
 42 10.0 7.4 11.2
 44 6.0 4.4 6.6

Manual Integrations

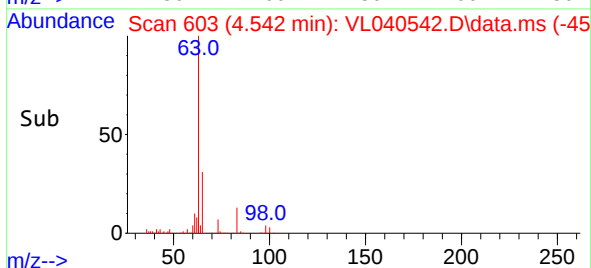
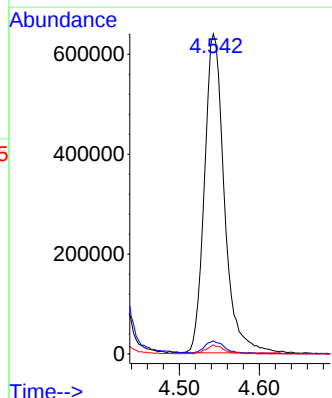
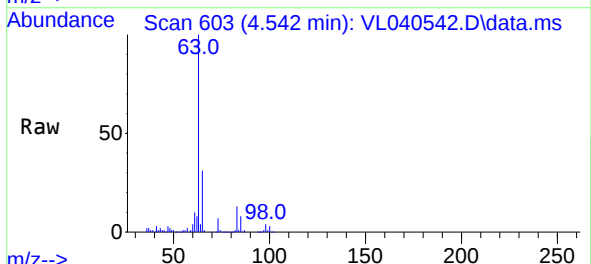
APPROVED

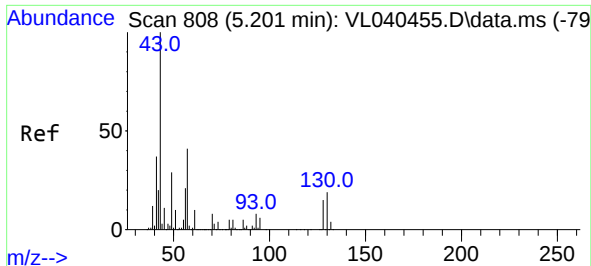
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#24
 1,1-Dichloroethane
 Concen: 10.739 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. -0.029 min
 Lab File: VL040542.D
 Acq: 26 Jul 2023 14:00

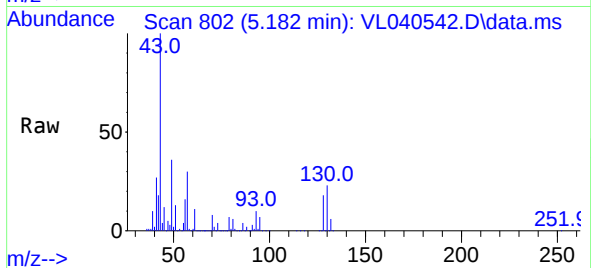
Tgt Ion: 63 Resp: 1101842
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.5
 100 2.8 1.4 4.0





#25
Ethyl Acetate
Concen: 10.072 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

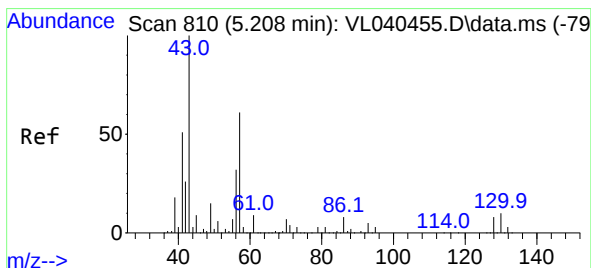
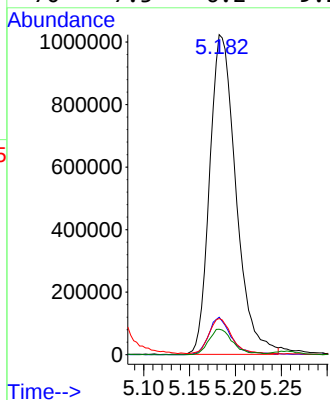
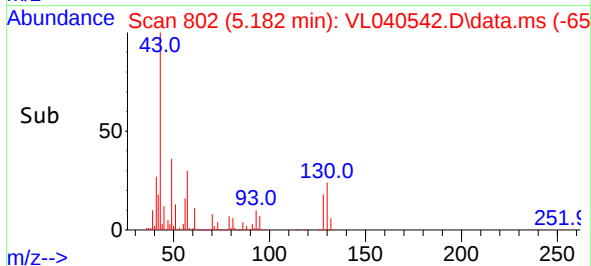
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



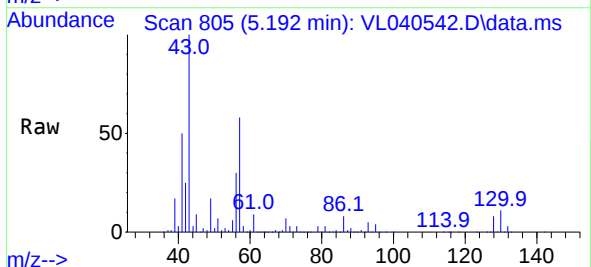
Tgt Ion: 43 Resp: 203446
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.7 8.3 12.5
70 7.3 6.2 9.2

Manual Integrations
APPROVED

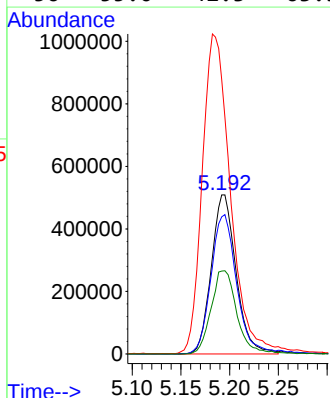
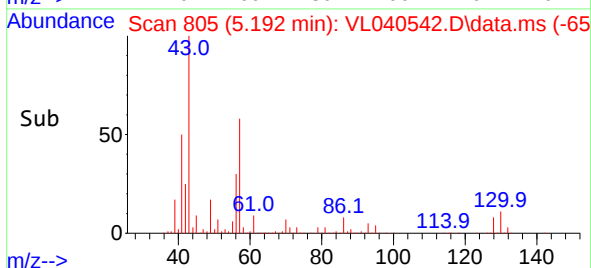
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

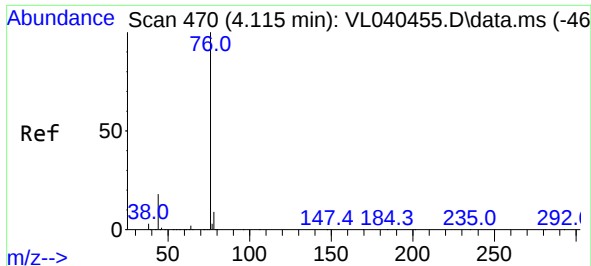


#26
Hexane
Concen: 9.571 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



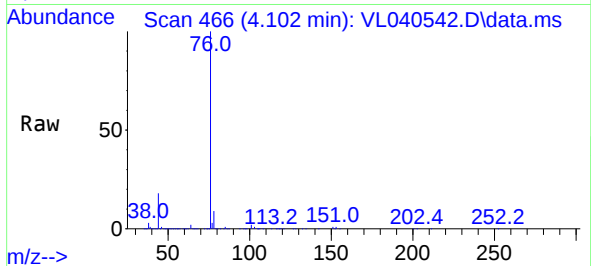
Tgt Ion: 57 Resp: 898142
Ion Ratio Lower Upper
57 100
41 92.2 69.5 104.3
43 231.1 177.1 265.7
56 55.0 42.3 63.5





#27
Carbon Disulfide
Concen: 11.873 ppbv
RT: 4.102 min Scan# 410
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

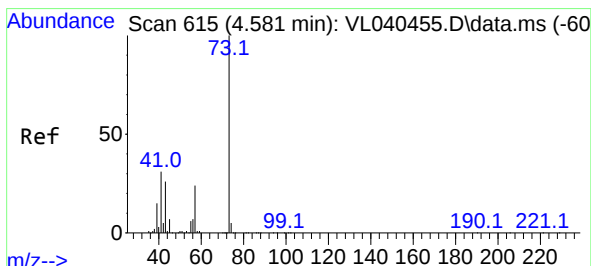
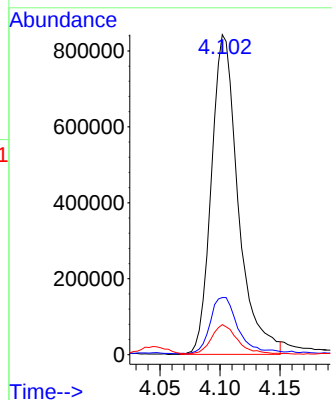
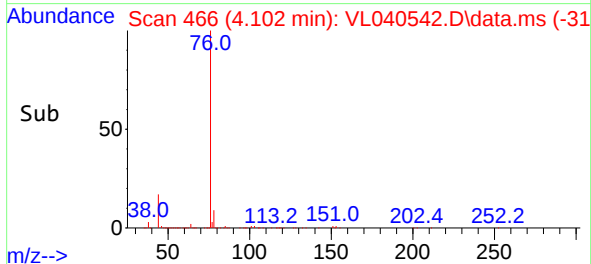
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



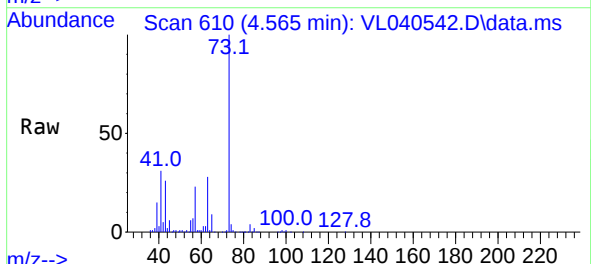
Tgt Ion: 76 Resp: 131059
Ion Ratio Lower Upper
76 100
44 19.2 15.1 22.7
78 9.6 7.5 11.3

Manual Integrations
APPROVED

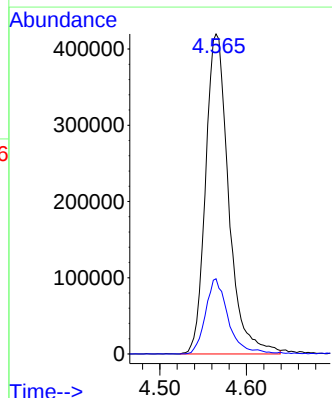
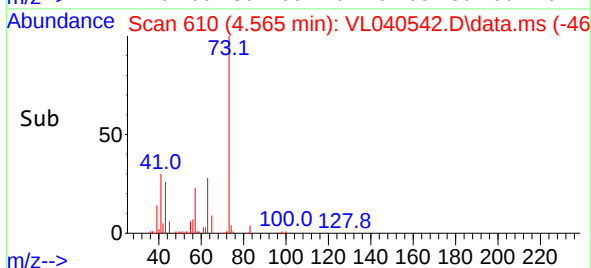
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

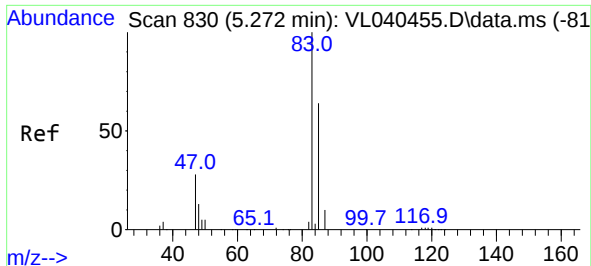


#28
Methyl tert-Butyl Ether
Concen: 10.295 ppbv
RT: 4.565 min Scan# 610
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion: 73 Resp: 777743
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2





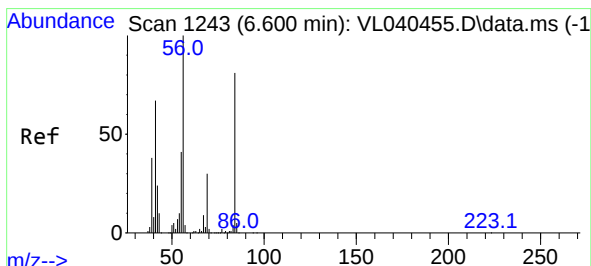
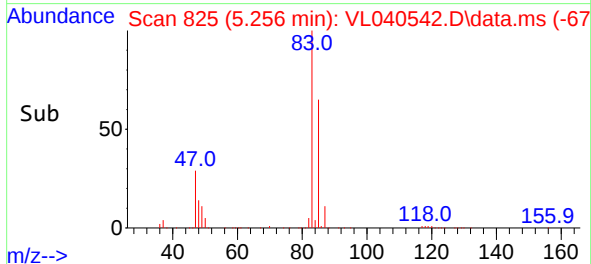
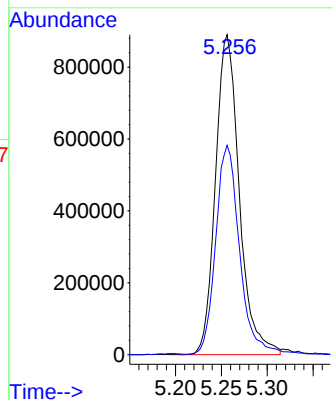
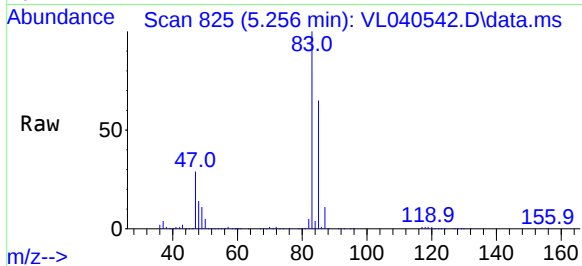
#29
Chloroform
Concen: 10.338 ppbv
RT: 5.256 min Scan# 81
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 160907
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7

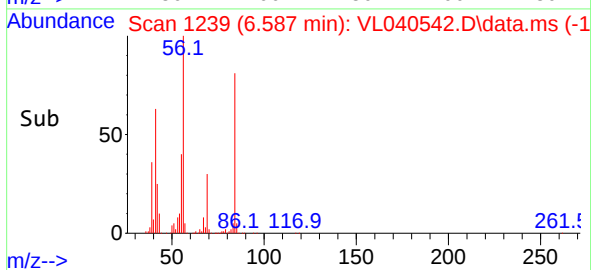
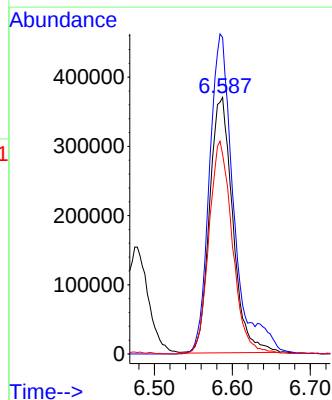
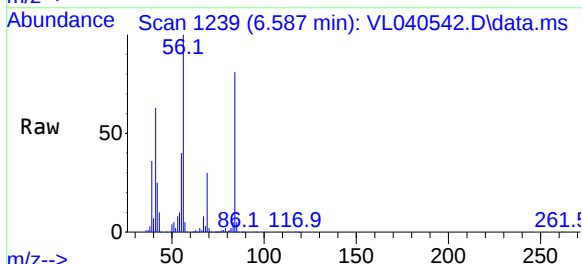
Manual Integrations
APPROVED

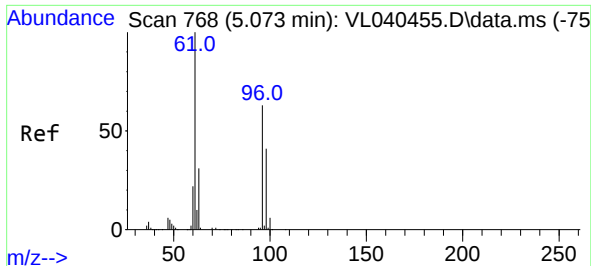
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#30
Cyclohexane
Concen: 9.800 ppbv
RT: 6.587 min Scan# 1239
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

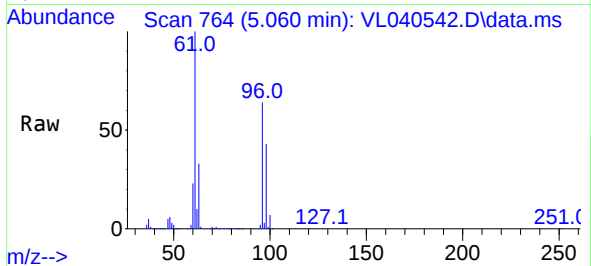
Tgt Ion: 84 Resp: 765184
Ion Ratio Lower Upper
84 100
56 132.3 108.7 163.1
41 83.8 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 10.177 ppbv
 RT: 5.060 min Scan# 70
 Delta R.T. -0.026 min
 Lab File: VL040542.D
 Acq: 26 Jul 2023 14:00

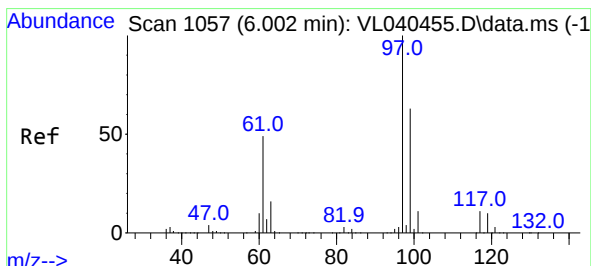
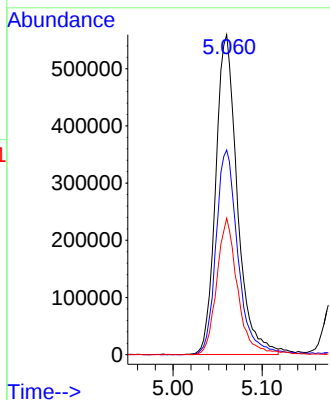
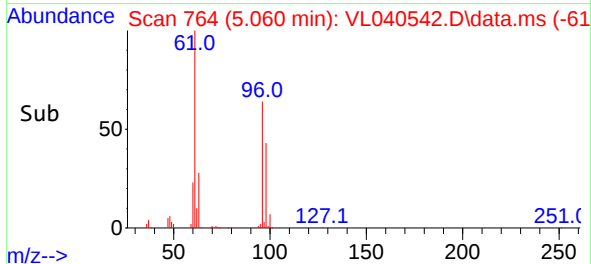
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



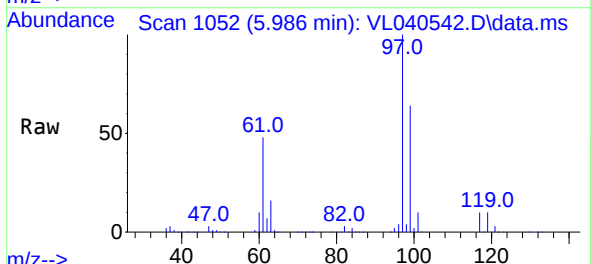
Tgt Ion: 61 Resp: 94395
 Ion Ratio Lower Upper
 61 100
 96 64.0 54.7 82.1
 98 42.7 34.6 52.0

Manual Integrations
 APPROVED

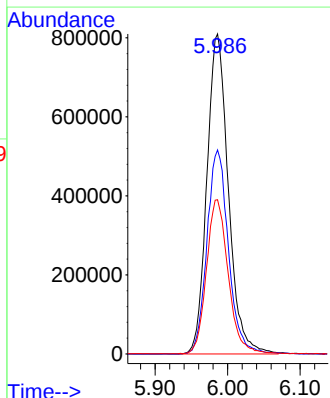
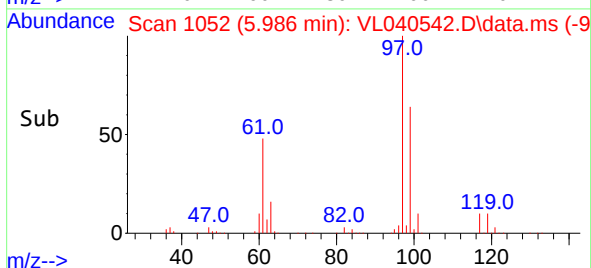
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

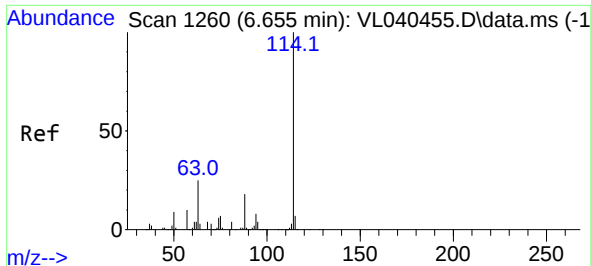


#32
 1,1,1-Trichloroethane
 Concen: 10.934 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.026 min
 Lab File: VL040542.D
 Acq: 26 Jul 2023 14:00



Tgt Ion: 97 Resp: 1665229
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.0 78.0
 61 49.3 38.9 58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 114
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

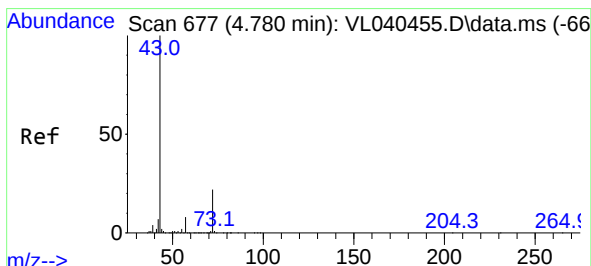
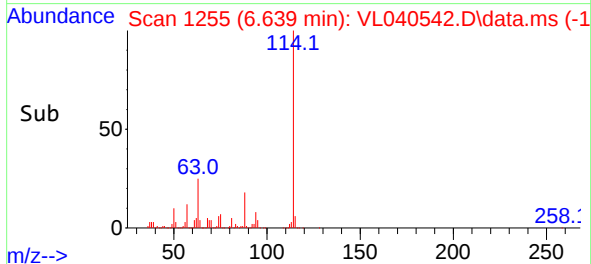
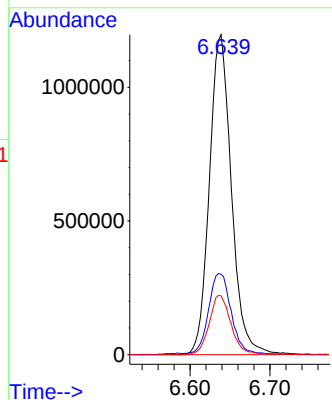
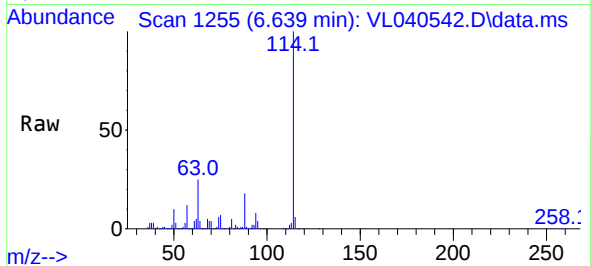
VSTDCCC010

Tgt Ion:114 Resp: 228711
Ion Ratio Lower Upper
114 100
63 26.8 19.6 29.4
88 18.4 14.2 21.2

Manual Integrations

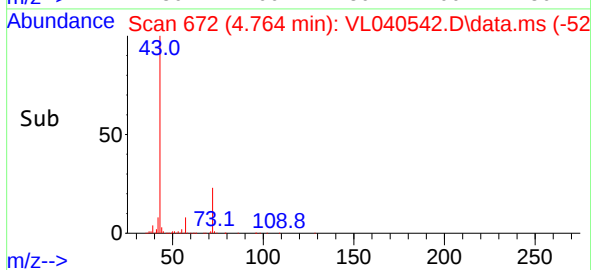
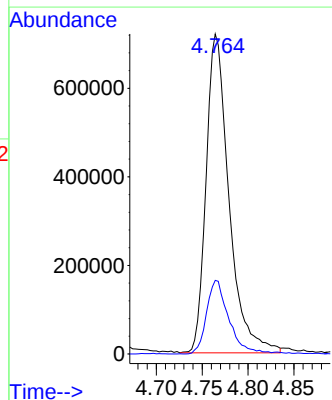
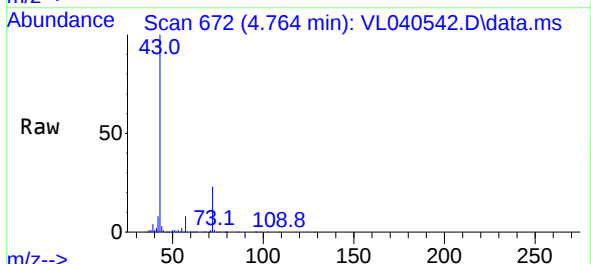
APPROVED

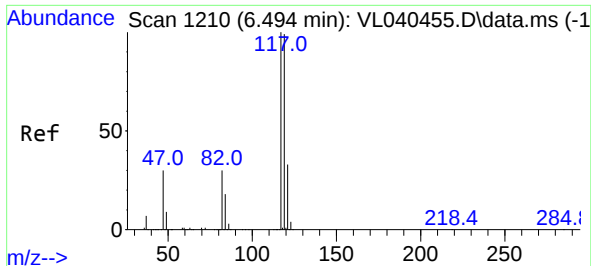
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#34
2-Butanone
Concen: 11.060 ppbv
RT: 4.764 min Scan# 672
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

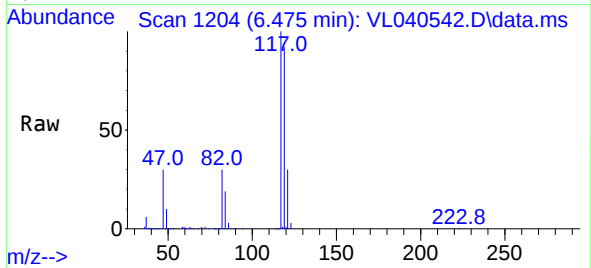
Tgt Ion: 43 Resp: 1249925
Ion Ratio Lower Upper
43 100
72 23.0 19.1 28.7





#35
Carbon Tetrachloride
Concen: 12.421 ppbv
RT: 6.475 min Scan# 1167
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

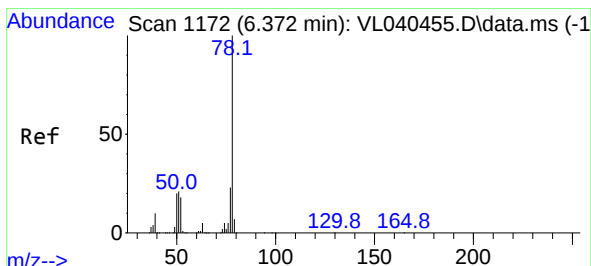
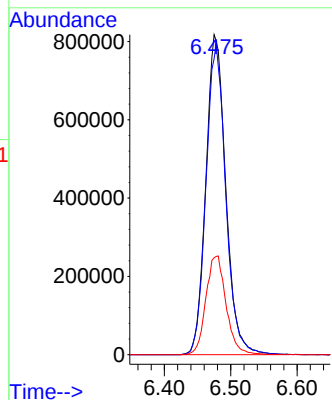
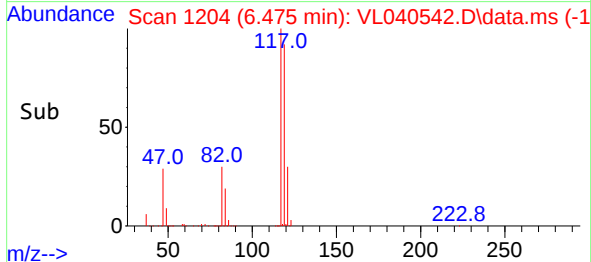
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 170969
Ion Ratio Lower Upper
117 100
119 92.5 77.8 116.6
121 30.3 24.8 37.2

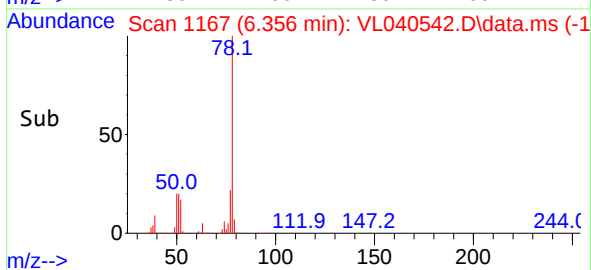
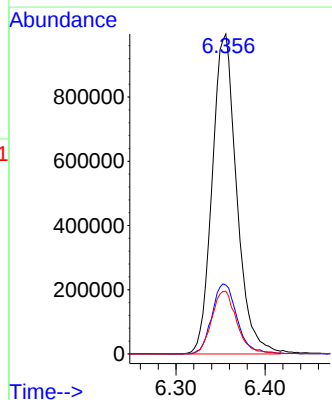
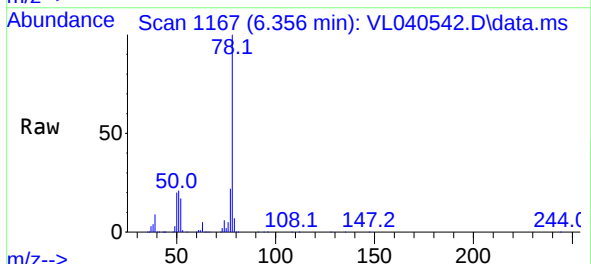
Manual Integrations
APPROVED

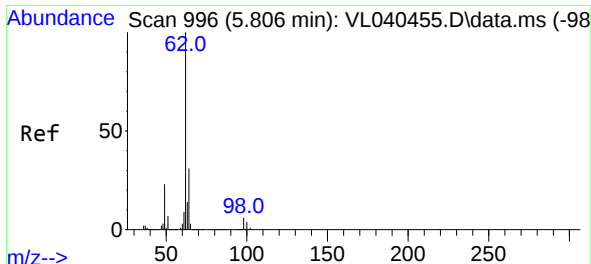
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#36
Benzene
Concen: 10.329 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Tgt Ion: 78 Resp: 1900795
Ion Ratio Lower Upper
78 100
77 21.6 17.4 26.0
50 19.5 14.4 21.6





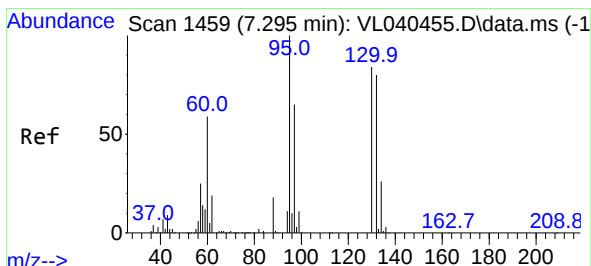
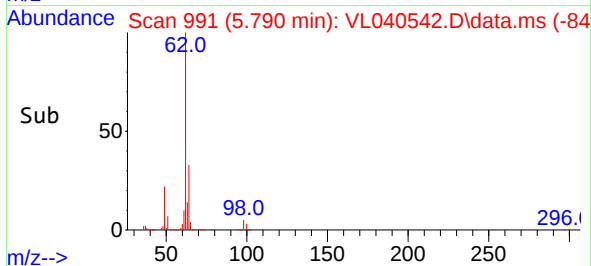
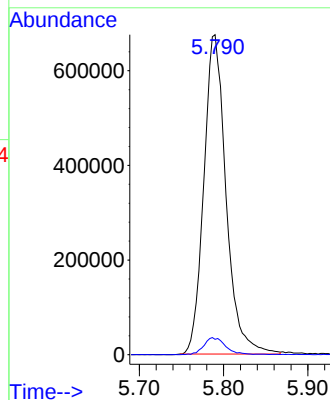
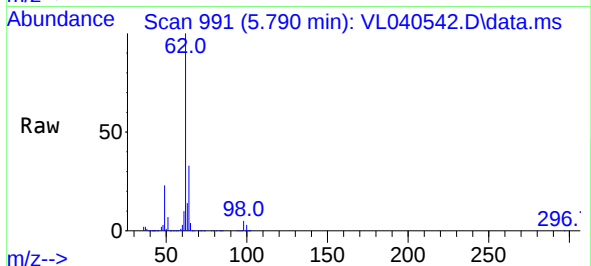
#37
1,2-Dichloroethane
Concen: 11.478 ppbv
RT: 5.790 min Scan# 996
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 124266
Ion Ratio Lower Upper
62 100
98 5.4 5.1 7.7

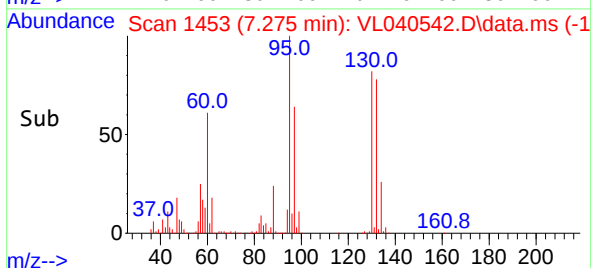
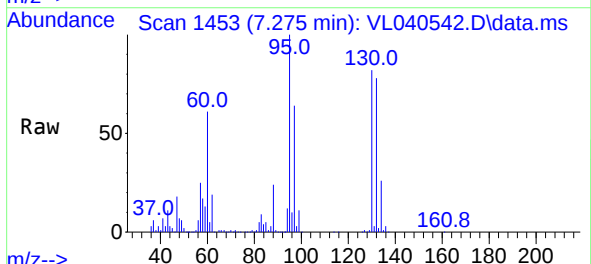
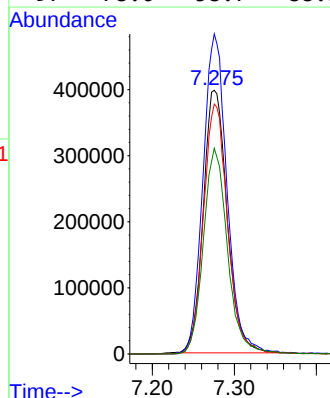
Manual Integrations
APPROVED

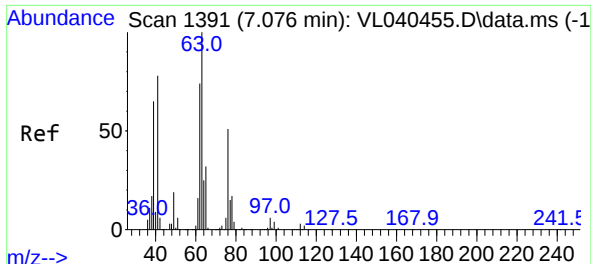
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#38
Trichloroethene
Concen: 11.588 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Tgt Ion:130 Resp: 806602
Ion Ratio Lower Upper
130 100
95 121.3 90.2 135.2
132 94.8 76.3 114.5
97 78.0 58.7 88.1





#39

1,2-Dichloropropane

Concen: 10.531 ppbv

RT: 7.057 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040542.D

Acq: 26 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 746030

Ion Ratio Lower Upper

63 100

41 74.8 54.3 81.5

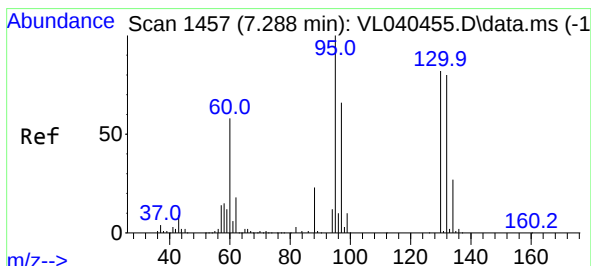
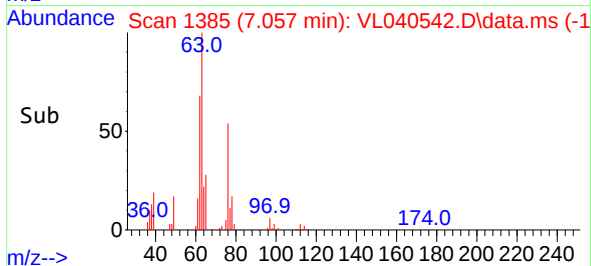
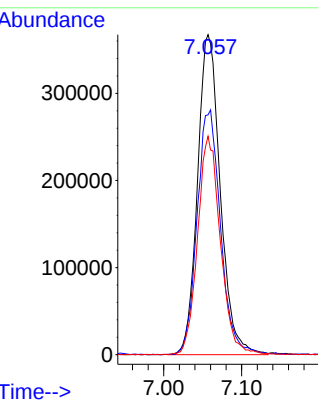
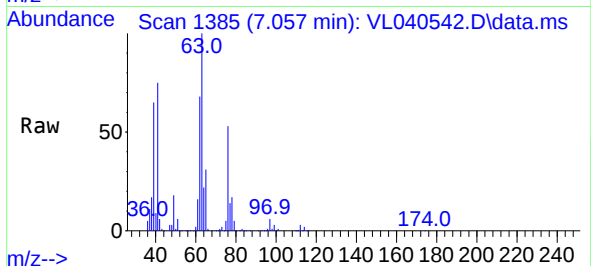
62 68.2 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#40

1,4-Dioxane

Concen: 11.755 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.029 min

Lab File: VL040542.D

Acq: 26 Jul 2023 14:00

Tgt Ion: 88 Resp: 260462

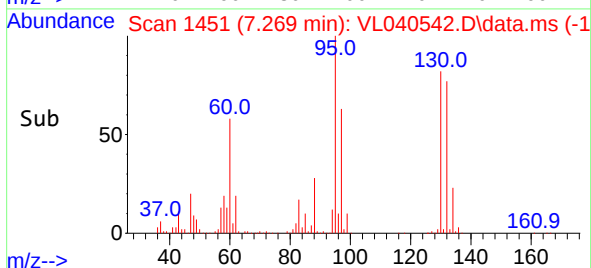
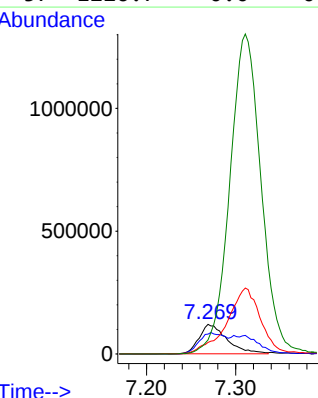
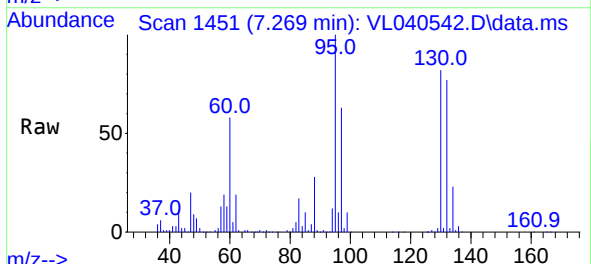
Ion Ratio Lower Upper

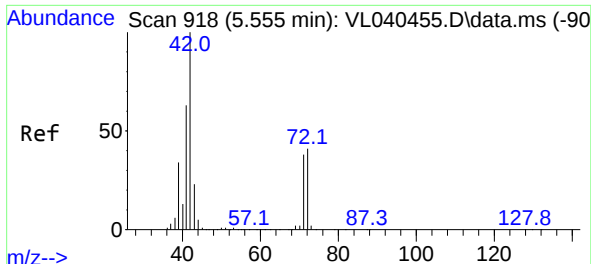
88 100

58 131.2 58.6 88.0#

43 275.9 0.0 0.0#

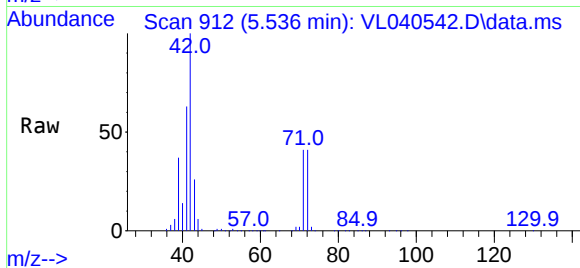
57 1226.7 0.0 0.0#





#41
Tetrahydrofuran
Concen: 10.350 ppbv
RT: 5.536 min Scan# 918
Delta R.T. -0.029 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

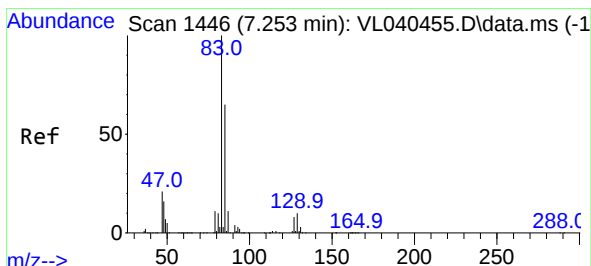
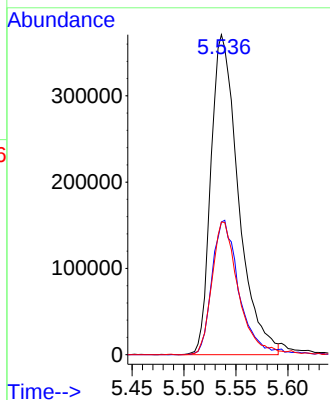
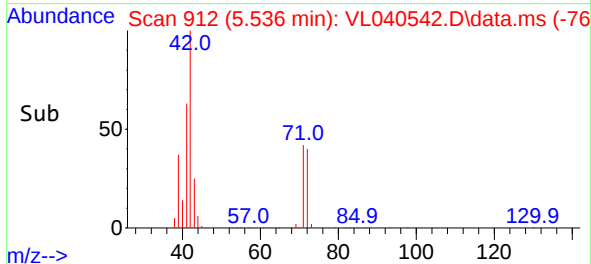
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



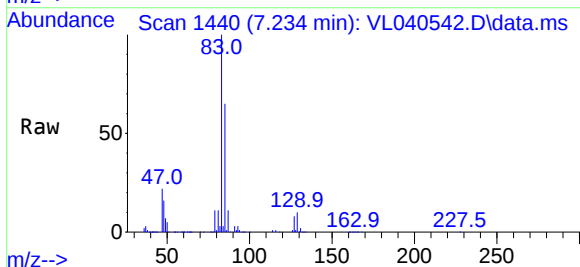
Tgt Ion: 42 Resp: 682592
Ion Ratio Lower Upper
42 100
72 41.9 33.8 50.8
71 40.8 33.0 49.6

Manual Integrations
APPROVED

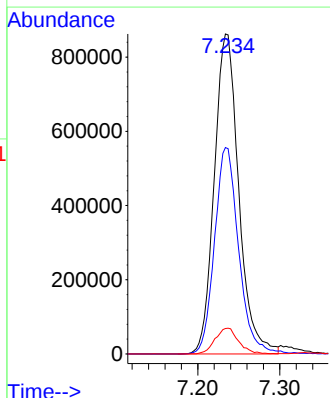
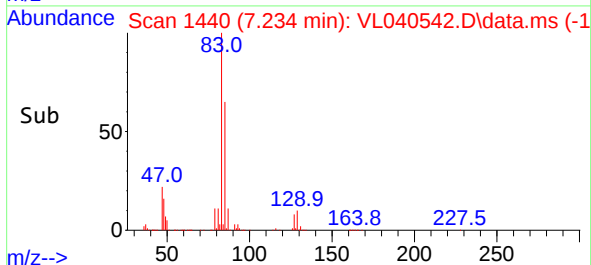
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

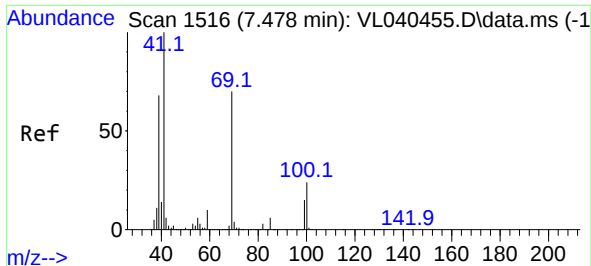


#42
Bromodichloromethane
Concen: 11.871 ppbv
RT: 7.234 min Scan# 1440
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion: 83 Resp: 1787408
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 7.9 6.5 9.7





#43

Methyl Methacrylate

Concen: 11.477 ppbv

RT: 7.459 min Scan# 1

Delta R.T. -0.026 min

Lab File: VL040542.D

Acq: 26 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

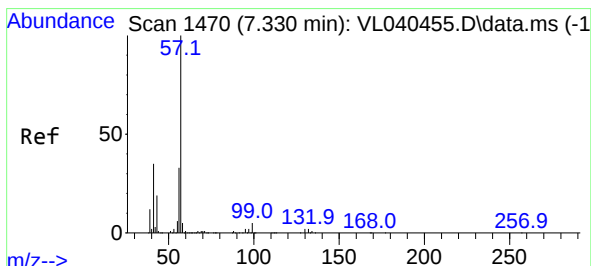
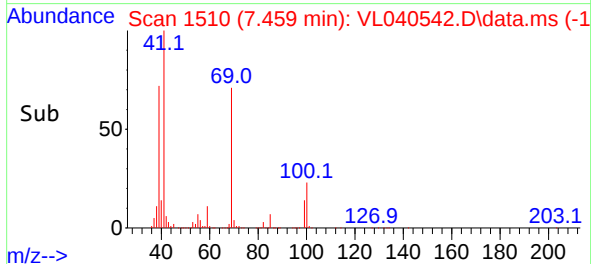
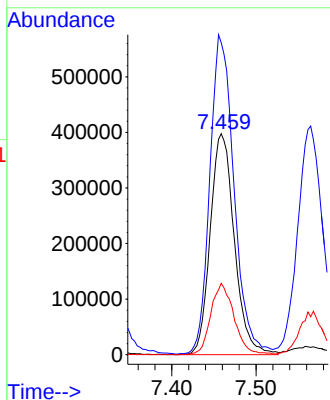
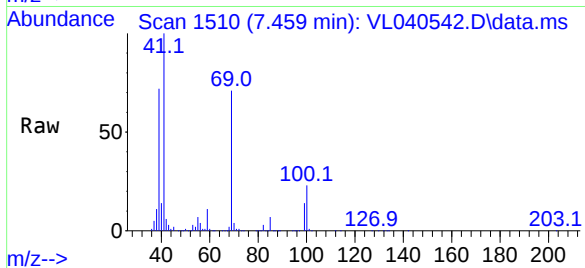
Tgt Ion: 69 Resp: 79055

Ion	Ratio	Lower	Upper
69	100		
41	144.6	111.7	167.5
100	31.2	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#44

2,2,4-Trimethylpentane

Concen: 10.742 ppbv

RT: 7.311 min Scan# 1464

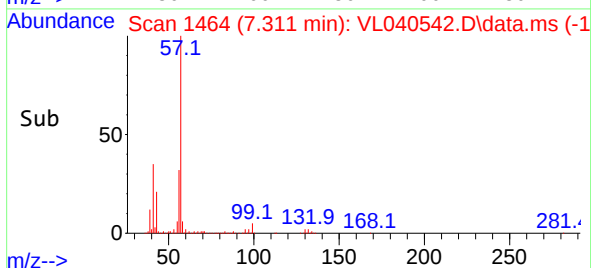
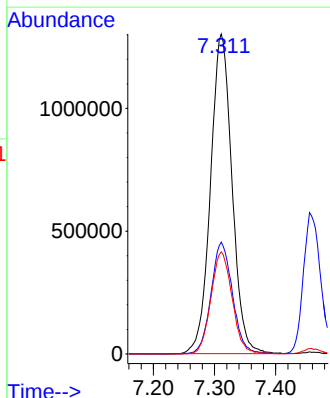
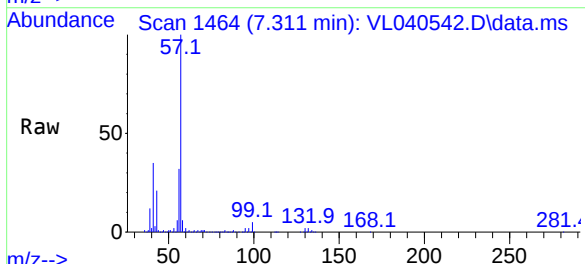
Delta R.T. -0.026 min

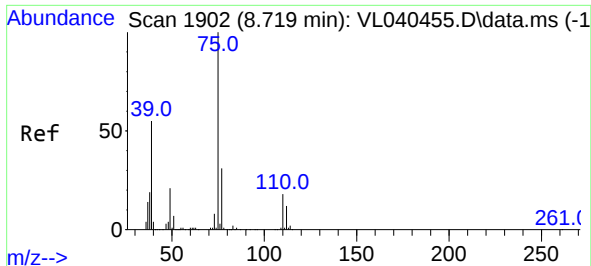
Lab File: VL040542.D

Acq: 26 Jul 2023 14:00

Tgt Ion: 57 Resp: 3180385

Ion	Ratio	Lower	Upper
57	100		
41	34.9	25.5	38.3
56	31.6	25.1	37.7





#45

t-1,3-Dichloropropene

Concen: 12.982 ppbv

RT: 8.697 min Scan# 1718

Delta R.T. -0.026 min

Lab File: VL040542.D

Acq: 26 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 57361

Ion Ratio Lower Upper

75 100

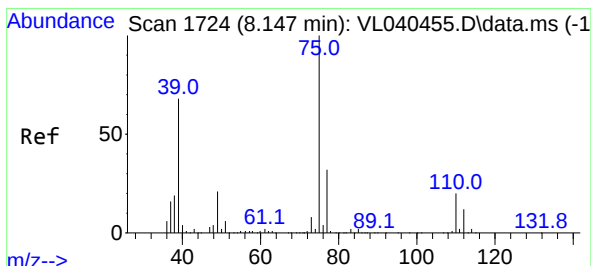
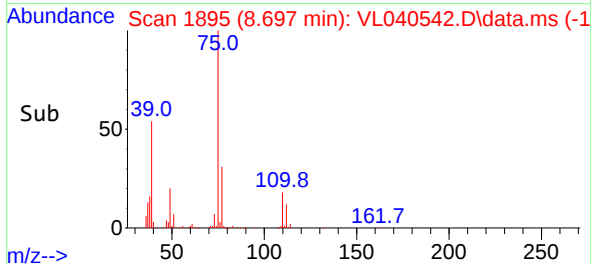
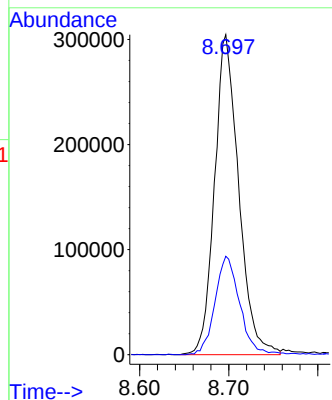
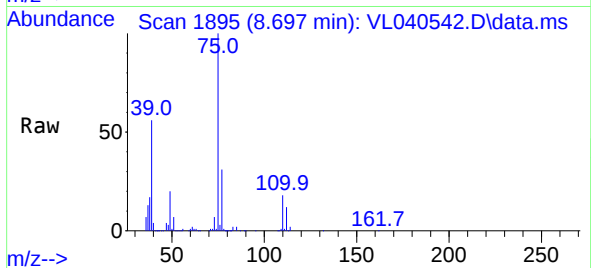
77 30.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#46

cis-1,3-Dichloropropene

Concen: 12.131 ppbv

RT: 8.127 min Scan# 1718

Delta R.T. -0.026 min

Lab File: VL040542.D

Acq: 26 Jul 2023 14:00

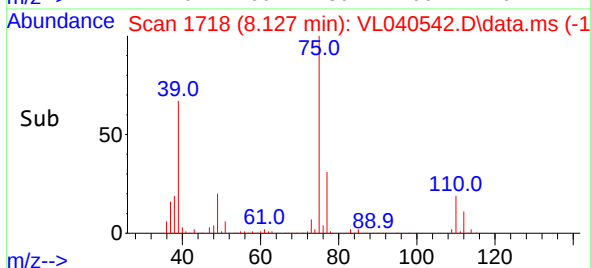
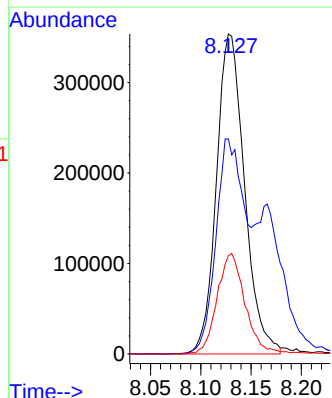
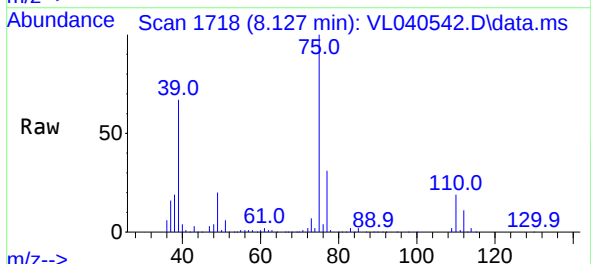
Tgt Ion: 75 Resp: 687697

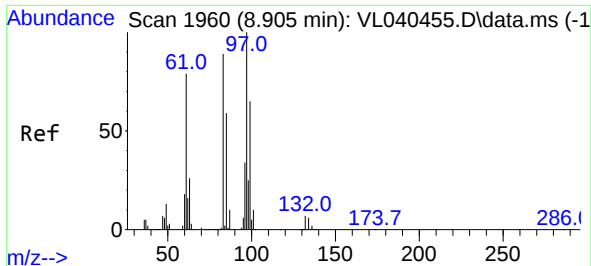
Ion Ratio Lower Upper

75 100

39 67.1 48.0 72.0

77 30.7 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.779 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.022 min

Lab File: VL040542.D

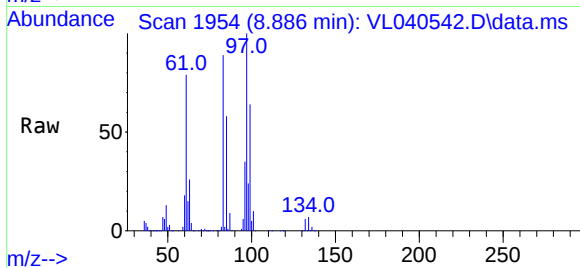
Acq: 26 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 842488

Ion Ratio Lower Upper

97 100

83 88.5 73.4 110.0

85 57.5 46.6 70.0

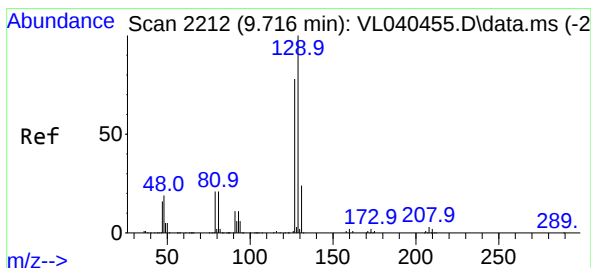
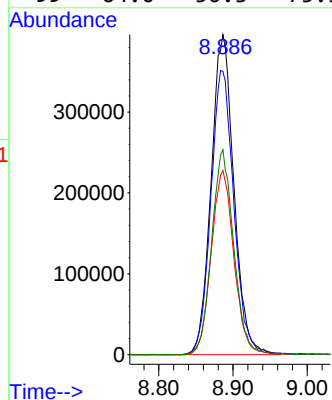
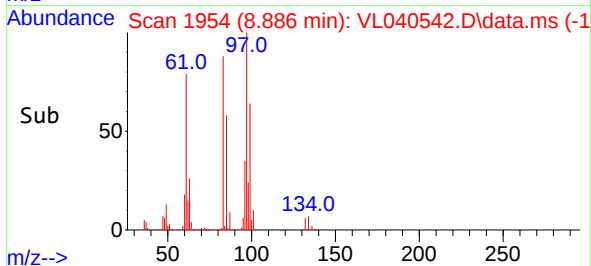
99 64.0 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#48

Dibromochloromethane

Concen: 12.134 ppbv

RT: 9.697 min Scan# 2206

Delta R.T. -0.026 min

Lab File: VL040542.D

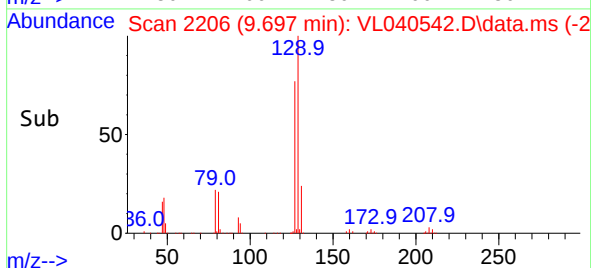
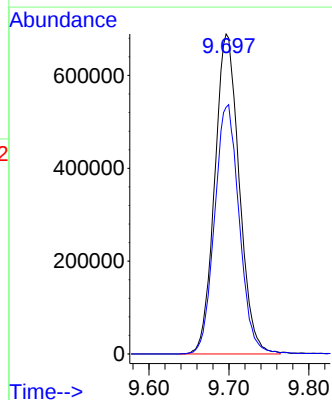
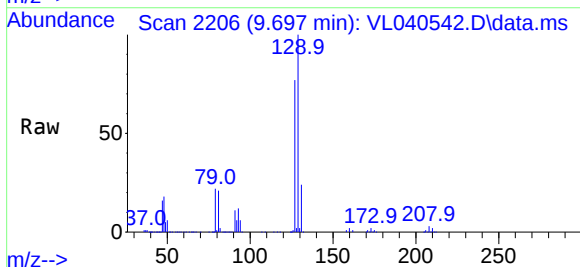
Acq: 26 Jul 2023 14:00

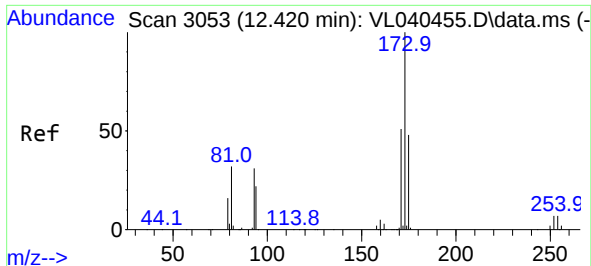
Tgt Ion:129 Resp: 1466321

Ion Ratio Lower Upper

129 100

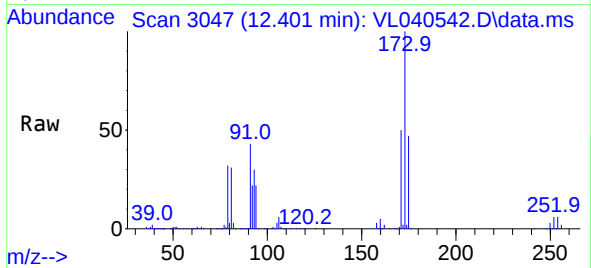
127 78.7 39.1 117.3





#49
Bromoform
Concen: 12.847 ppbv m
RT: 12.401 min Scan# 3053
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

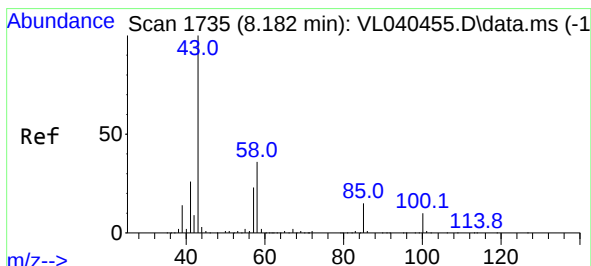
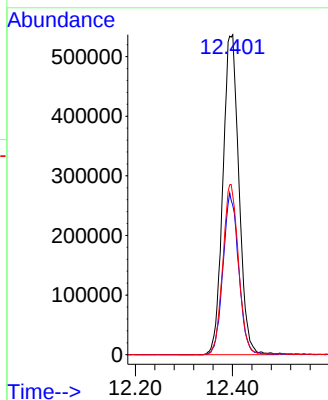
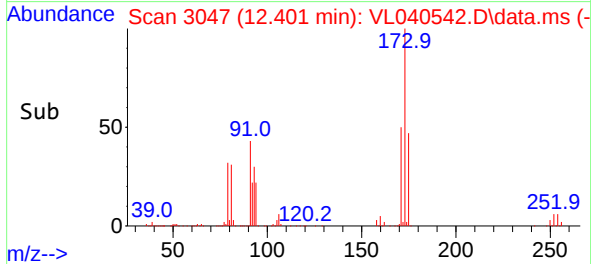
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



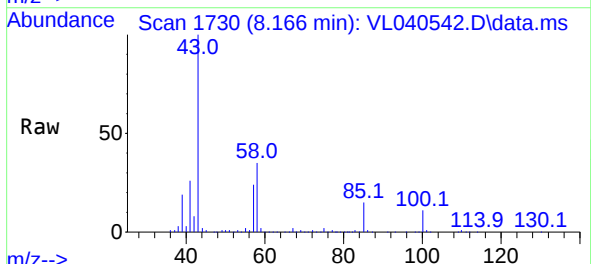
Tgt Ion:173 Resp: 1230879
Ion Ratio Lower Upper
173 100
175 49.0 39.5 59.3
171 0.0 42.2 63.4

Manual Integrations
APPROVED

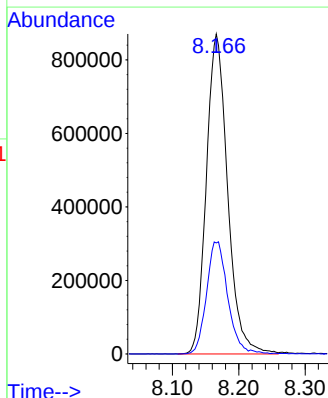
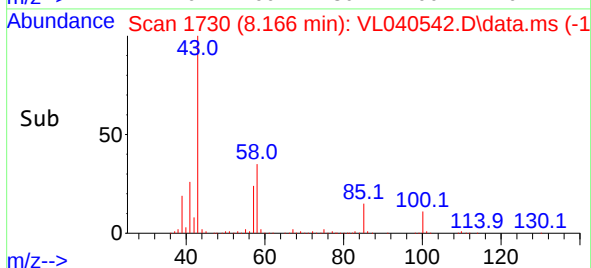
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

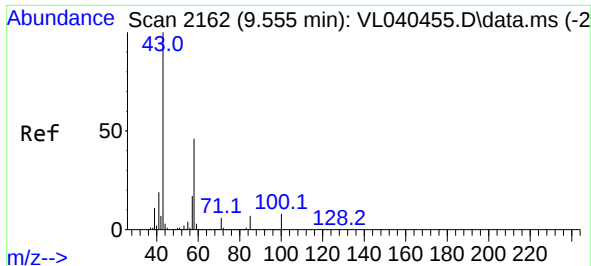


#50
4-Methyl-2-Pentanone
Concen: 11.783 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



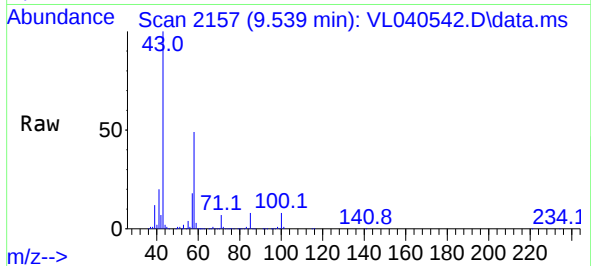
Tgt Ion: 43 Resp: 1934740
Ion Ratio Lower Upper
43 100
58 35.3 30.2 45.2





#51
2-Hexanone
Concen: 12.315 ppbv
RT: 9.539 min Scan# 2162
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

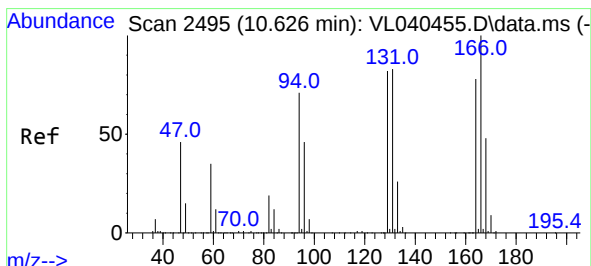
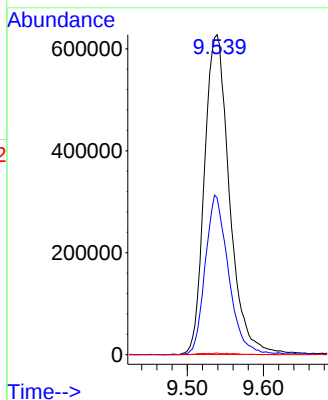
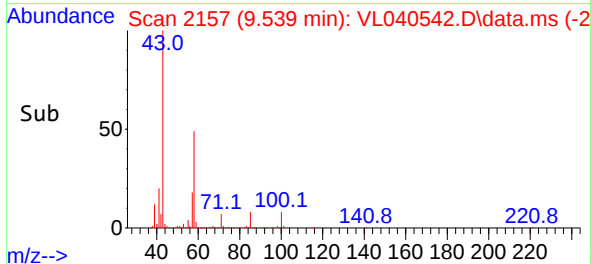
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



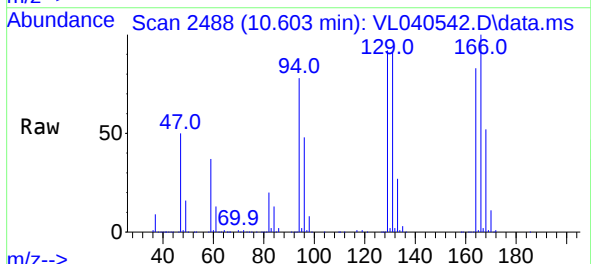
Tgt Ion: 43 Resp: 142992
Ion Ratio Lower Upper
43 100
58 47.1 39.7 59.5
98 0.7 0.3 0.5

Manual Integrations
APPROVED

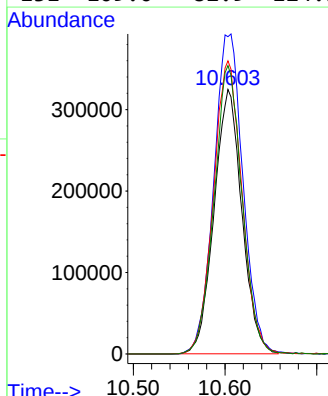
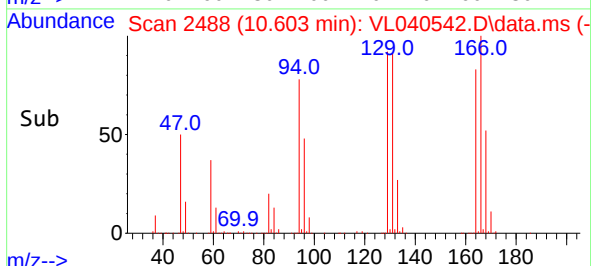
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

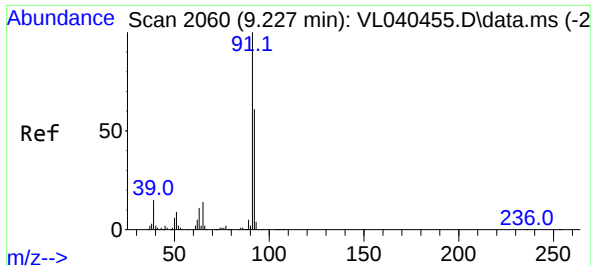


#52
Tetrachloroethene
Concen: 11.460 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



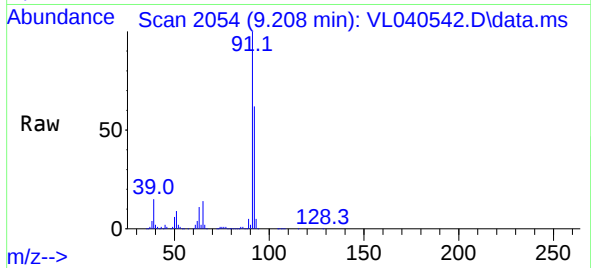
Tgt Ion:164 Resp: 682967
Ion Ratio Lower Upper
164 100
166 119.9 103.9 155.9
129 110.8 84.6 126.8
131 109.0 82.9 124.3





#53
Toluene
Concen: 11.259 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

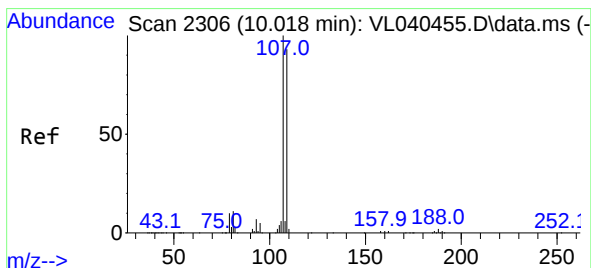
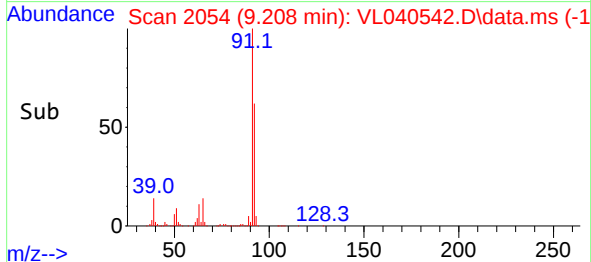
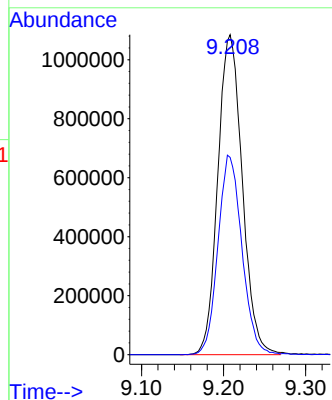
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 225071
Ion Ratio Lower Upper
91 100
92 61.1 49.1 73.7

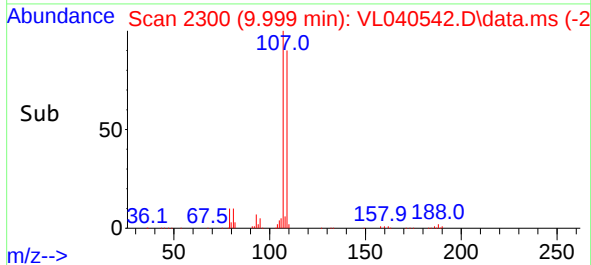
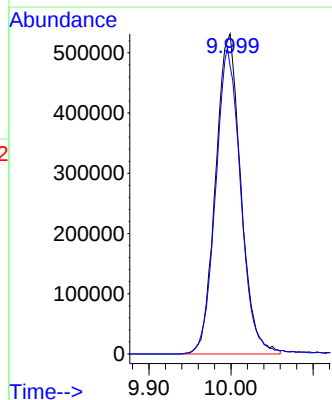
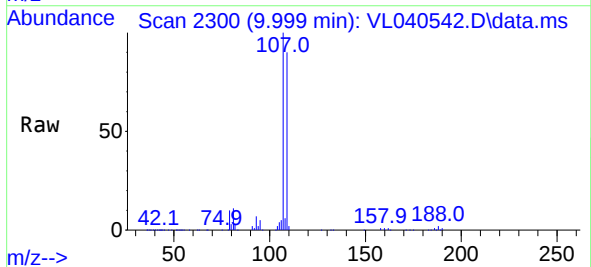
Manual Integrations
APPROVED

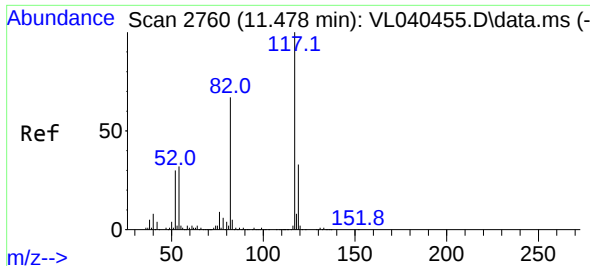
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#54
1,2-Dibromoethane
Concen: 11.690 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

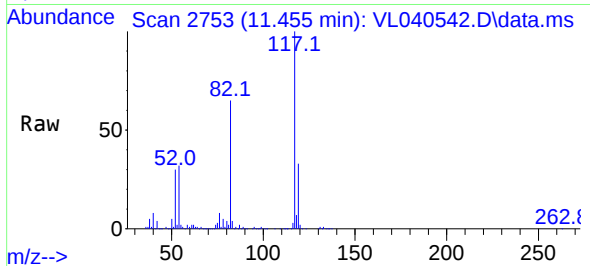
Tgt Ion:107 Resp: 1135708
Ion Ratio Lower Upper
107 100
109 89.9 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.455 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

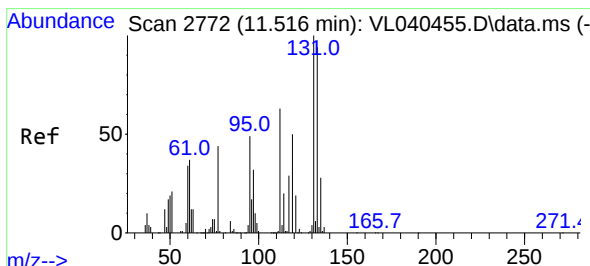
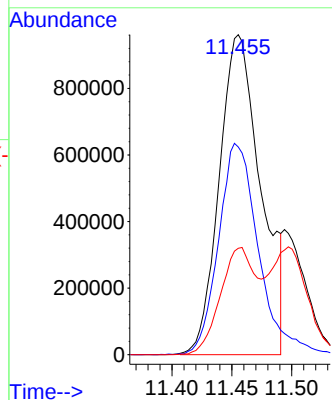
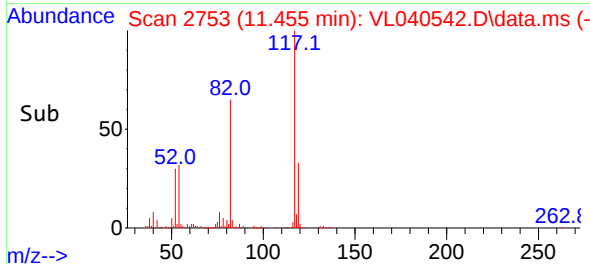
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



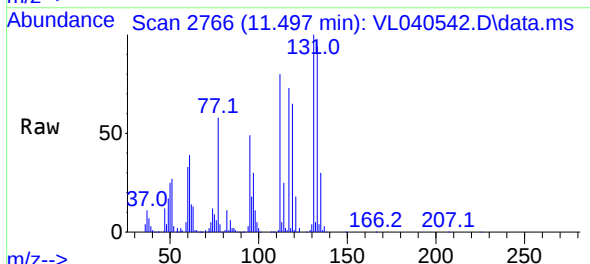
Tgt Ion:117 Resp: 232765
Ion Ratio Lower Upper
117 100
82 64.2 50.2 75.4
119 28.9 26.9 40.3

Manual Integrations
APPROVED

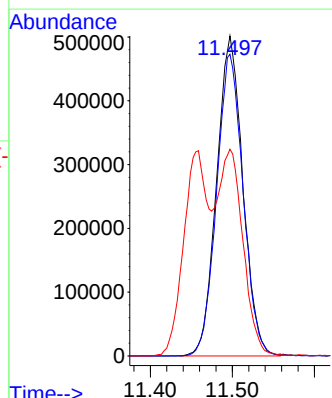
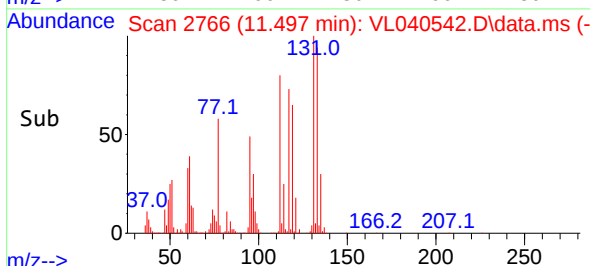
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

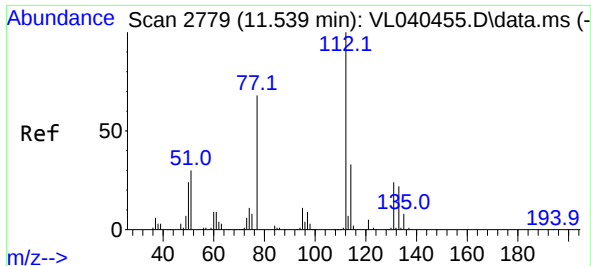


#56
1,1,1,2-Tetrachloroethane
Concen: 10.677 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion:131 Resp: 1113008
Ion Ratio Lower Upper
131 100
133 95.3 76.3 114.5
119 68.3 51.1 76.7





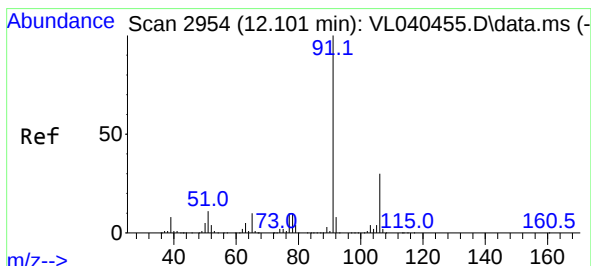
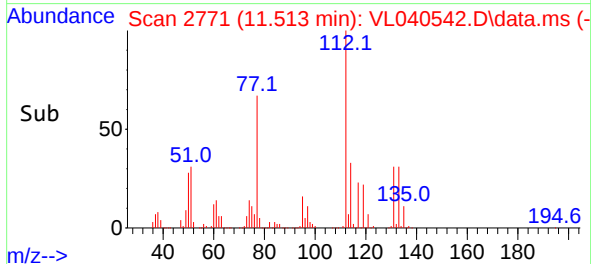
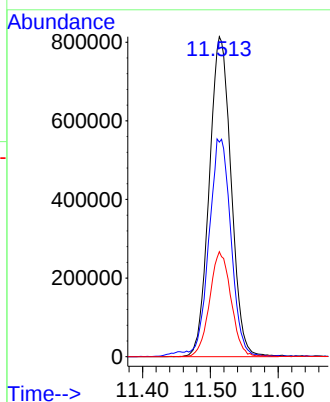
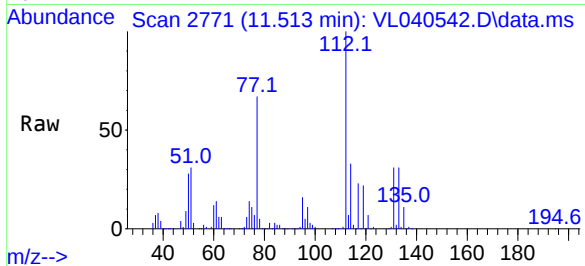
#57
Chlorobenzene
Concen: 10.033 ppbv
RT: 11.513 min Scan# 211
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1821279
Ion Ratio Lower Upper
112 100
77 66.7 51.0 76.6
114 32.8 28.3 34.5

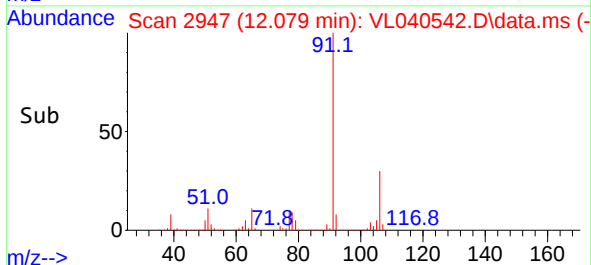
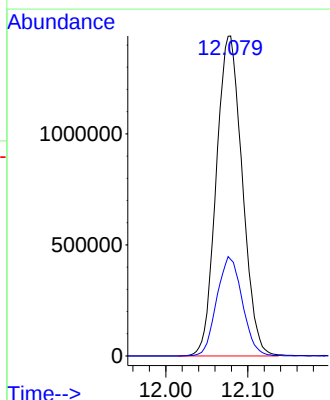
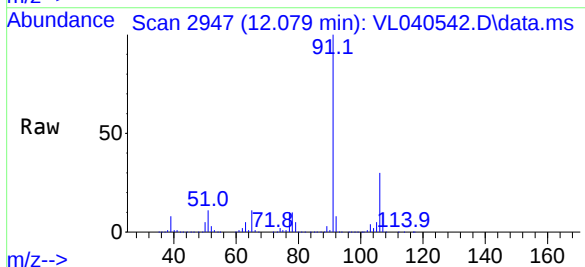
Manual Integrations
APPROVED

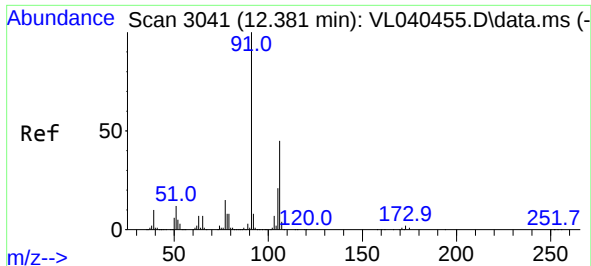
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#58
Ethyl Benzene
Concen: 10.873 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Tgt Ion: 91 Resp: 3176032
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.0





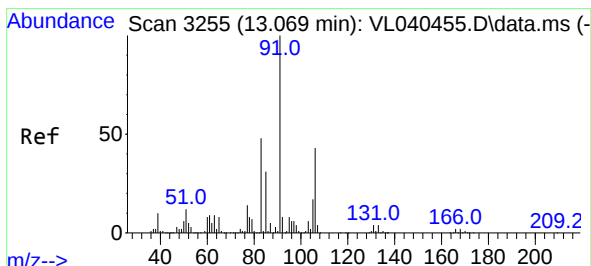
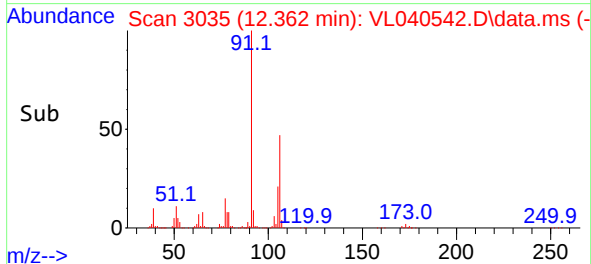
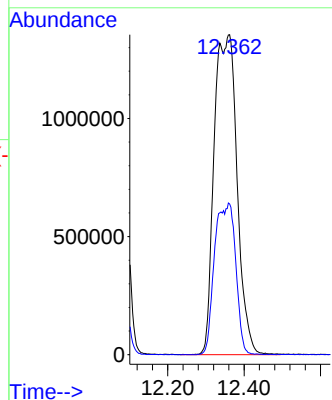
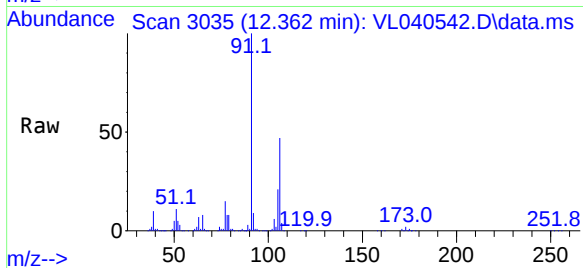
#59
m/p-Xylene
Concen: 21.634 ppbv m
RT: 12.362 min Scan# 3041
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 564028
Ion Ratio Lower Upper
91 100
106 43.6 35.9 53.9

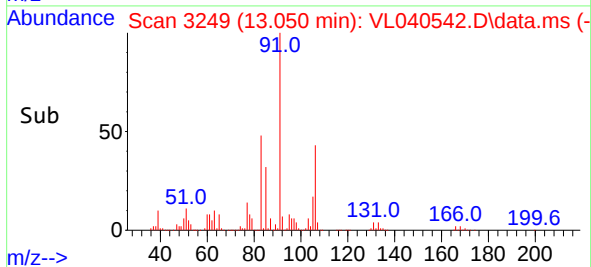
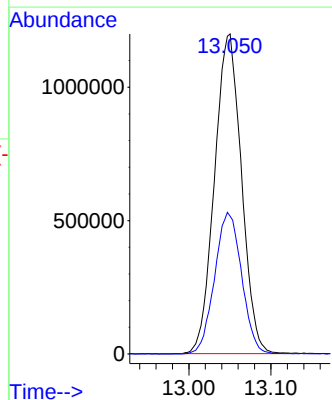
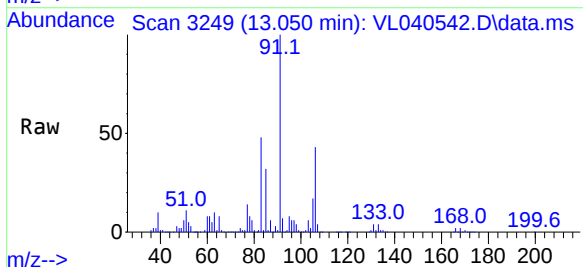
Manual Integrations
APPROVED

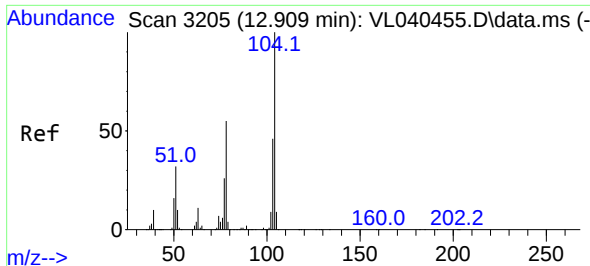
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#60
o-Xylene
Concen: 11.000 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Tgt Ion: 91 Resp: 2731919
Ion Ratio Lower Upper
91 100
106 44.4 22.7 68.0





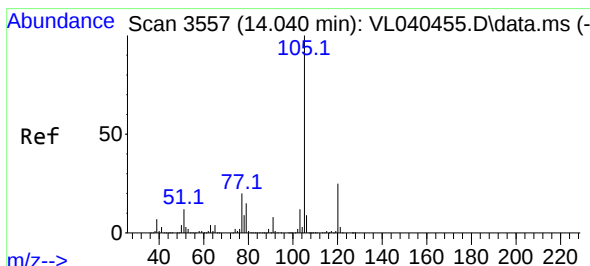
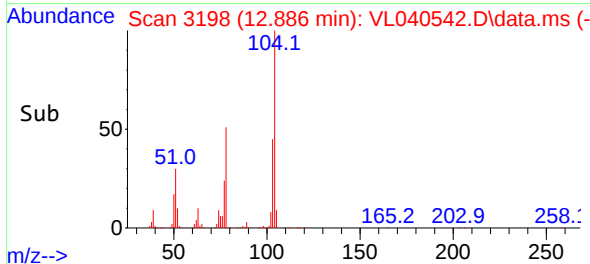
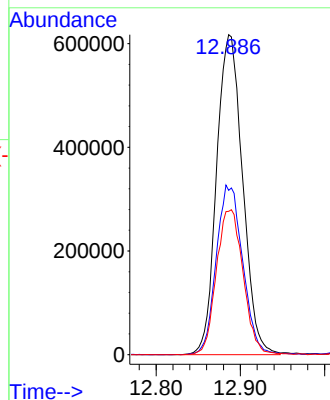
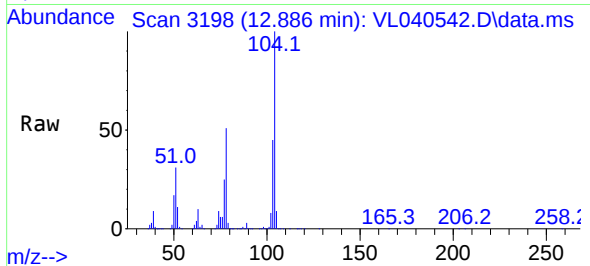
#61
Styrene
Concen: 11.552 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1323460
Ion Ratio Lower Upper
104 100
78 54.0 40.1 60.1
103 46.7 37.0 55.4

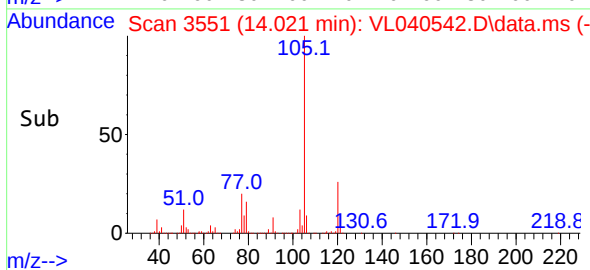
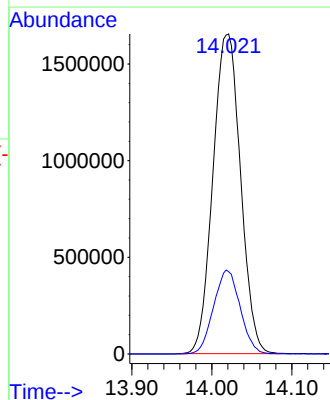
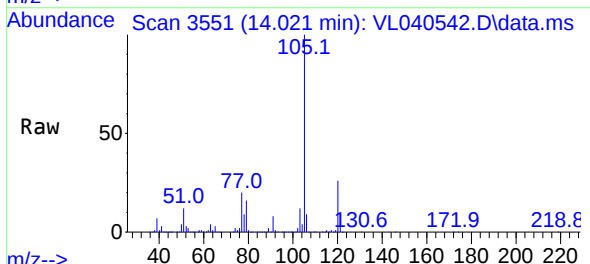
Manual Integrations
APPROVED

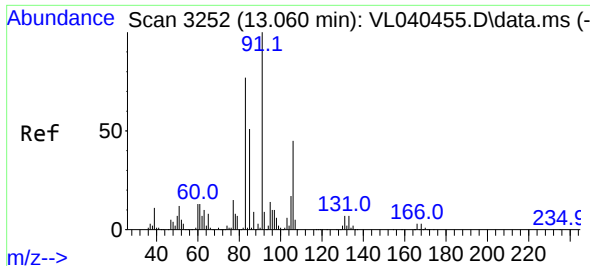
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#62
Isopropylbenzene
Concen: 10.636 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

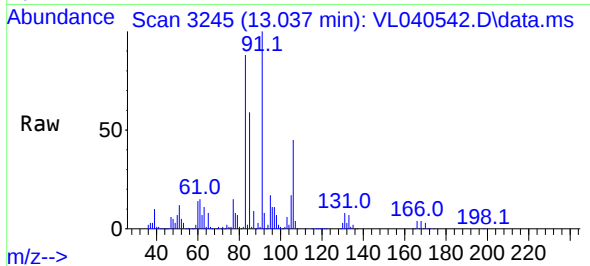
Tgt Ion:105 Resp: 3959269
Ion Ratio Lower Upper
105 100
120 25.3 20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.908 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

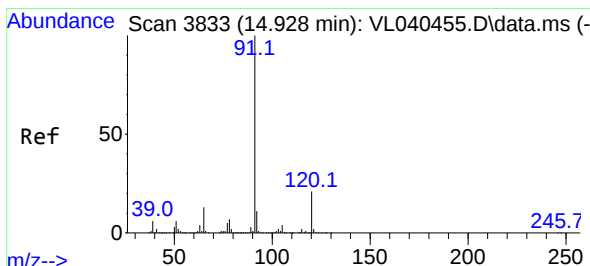
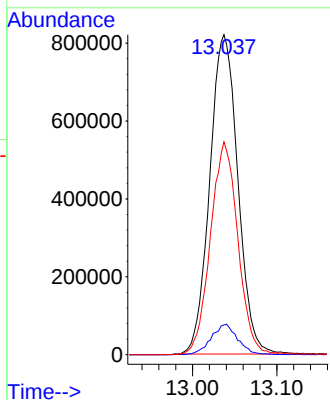
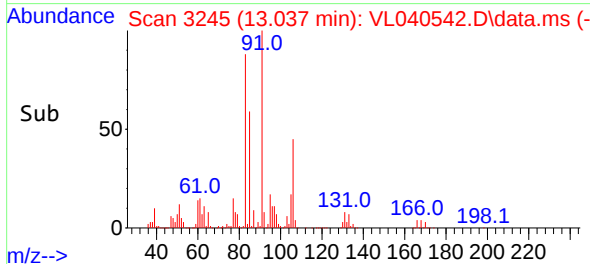
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



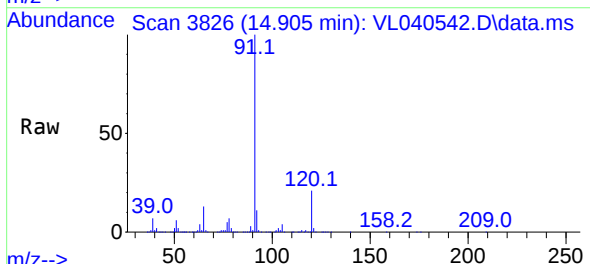
Tgt Ion: 83 Resp: 1897170
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.4 32.8 98.3

Manual Integrations
APPROVED

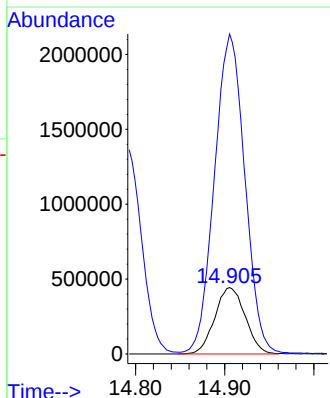
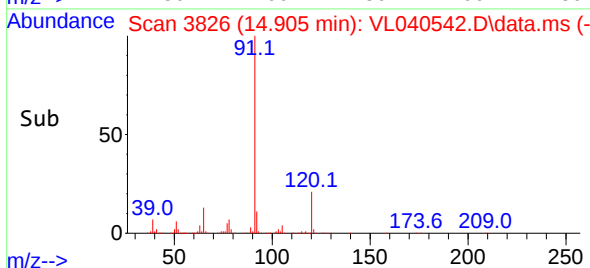
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

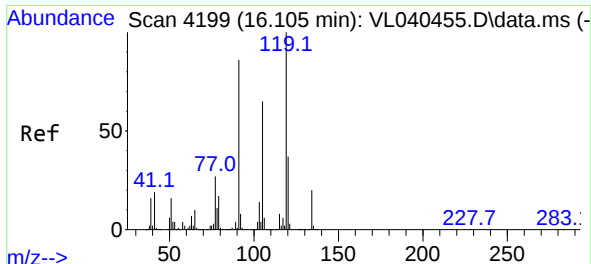


#64
n-propylbenzene
Concen: 10.880 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion:120 Resp: 1047894
Ion Ratio Lower Upper
120 100
91 485.9 374.3 561.5





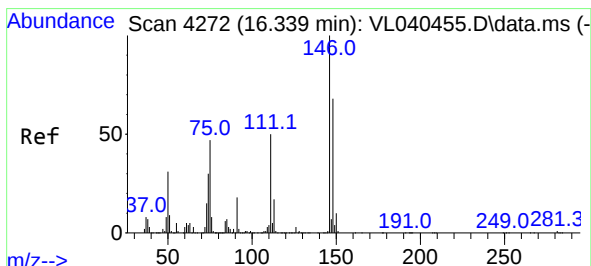
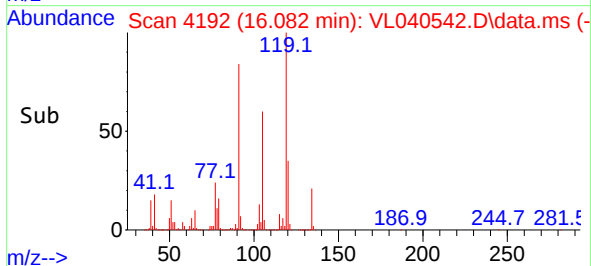
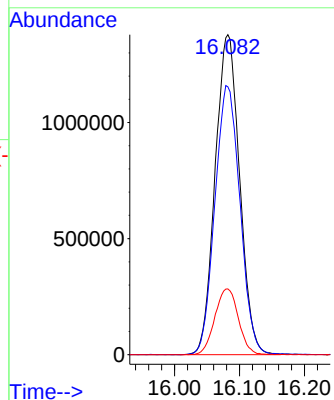
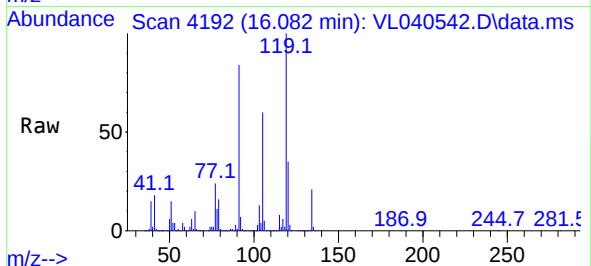
#65
tert-Butylbenzene
Concen: 10.936 ppbv
RT: 16.082 min Scan# 4199
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3603920
Ion Ratio Lower Upper
119 100
91 86.4 66.1 99.1
134 19.8 15.7 23.5

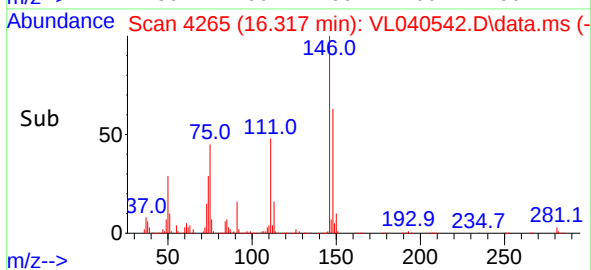
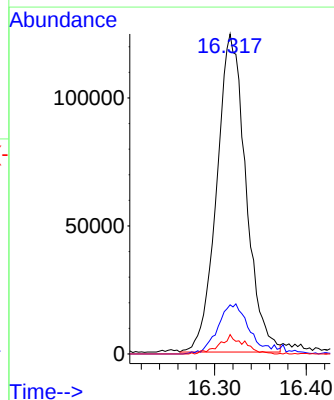
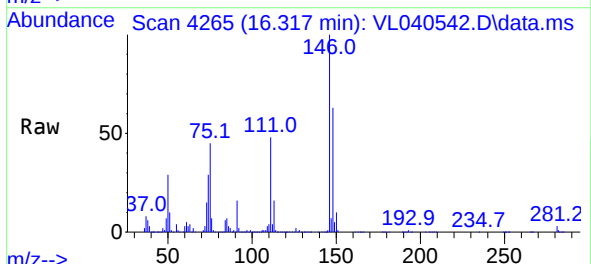
Manual Integrations
APPROVED

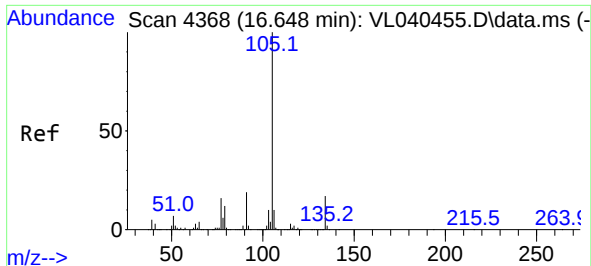
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#66
Benzyl Chloride
Concen: 11.763 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

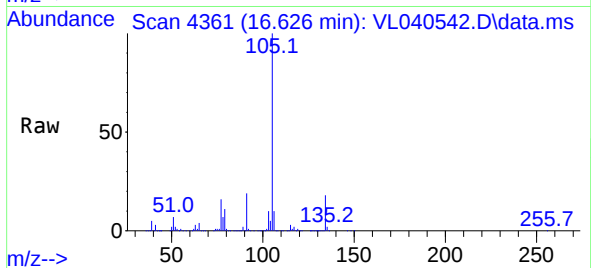
Tgt Ion: 91 Resp: 274234
Ion Ratio Lower Upper
91 100
126 18.1 15.4 23.2
128 5.1 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 10.810 ppbv
 RT: 16.626 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040542.D
 Acq: 26 Jul 2023 14:00

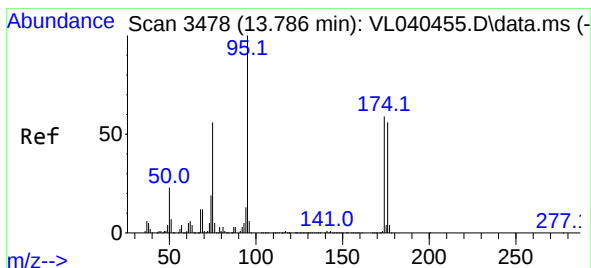
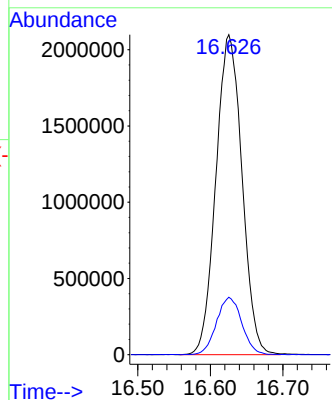
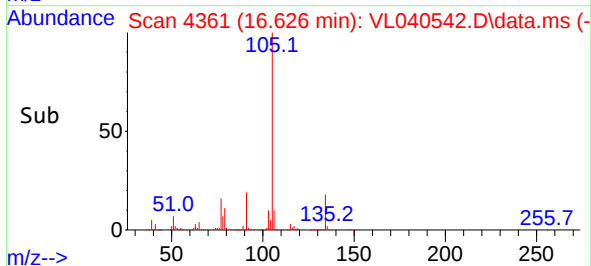
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



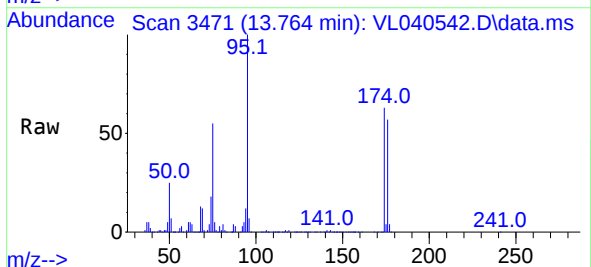
Tgt Ion: 105 Resp: 523443
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.4 21.6

Manual Integrations
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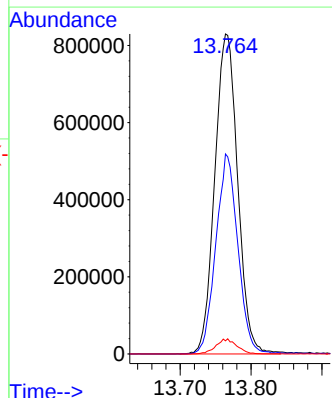
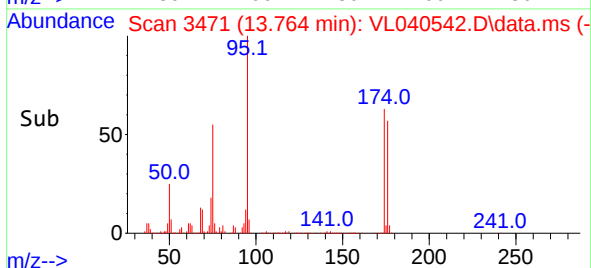
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

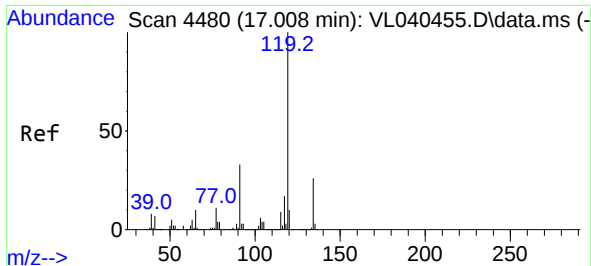


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.117 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.019 min
 Lab File: VL040542.D
 Acq: 26 Jul 2023 14:00



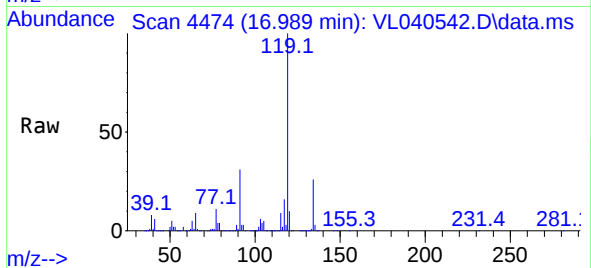
Tgt Ion: 95 Resp: 1863830
 Ion Ratio Lower Upper
 95 100
 174 60.4 50.6 75.8
 175 4.3 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.834 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.016 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

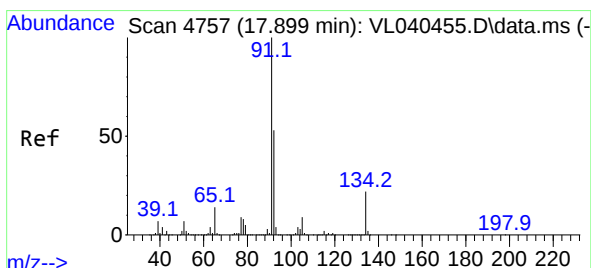
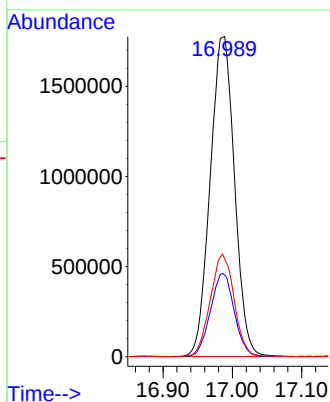
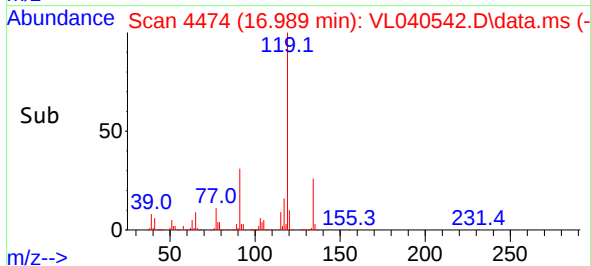
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



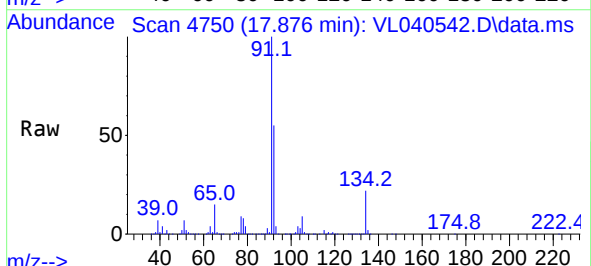
Tgt Ion:119 Resp: 4335104
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 31.4 23.8 35.8

Manual Integrations
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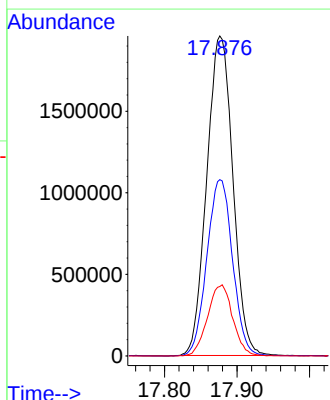
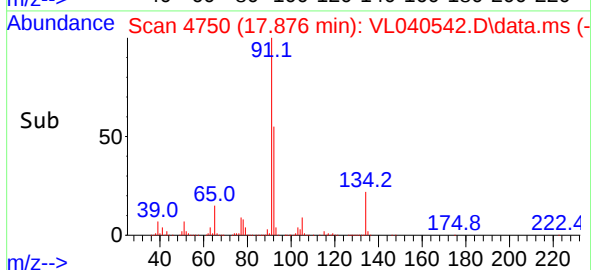
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

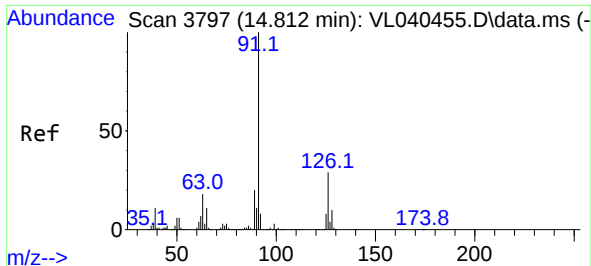


#70
n-Butylbenzene
Concen: 10.986 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion: 91 Resp: 4902331
Ion Ratio Lower Upper
91 100
92 54.5 43.4 65.0
134 21.5 18.1 27.1





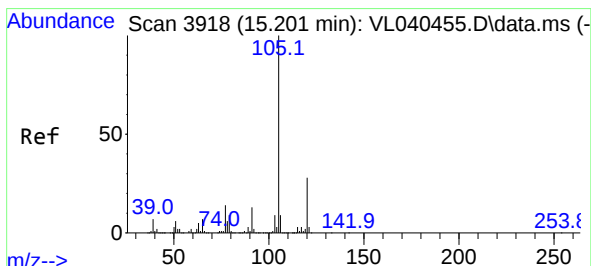
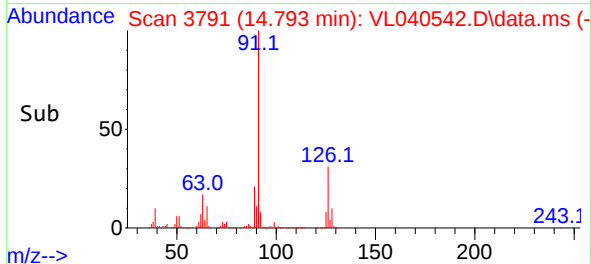
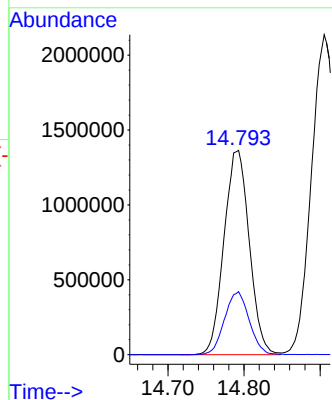
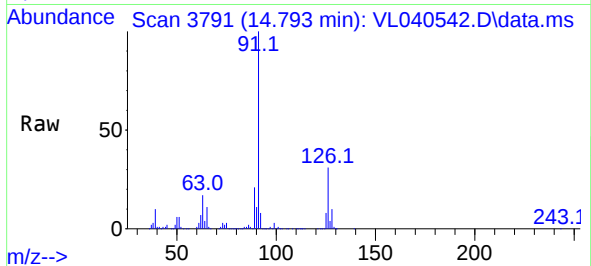
#71
2-Chlorotoluene
Concen: 10.989 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 315255
Ion Ratio Lower Upper
91 100
126 30.1 12.4 49.8

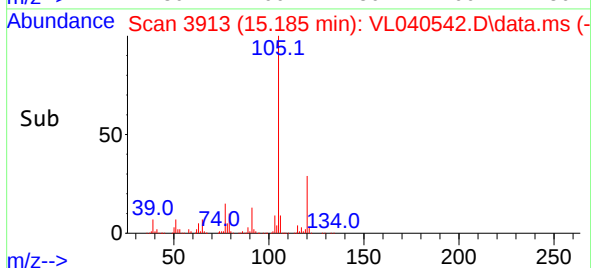
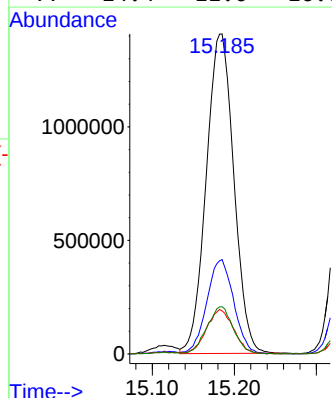
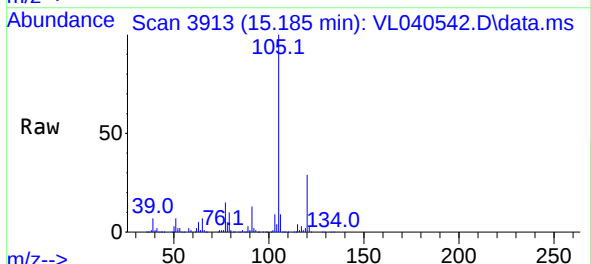
Manual Integrations
APPROVED

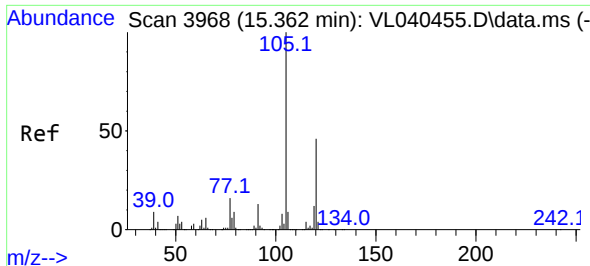
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#72
4-Ethyltoluene
Concen: 11.304 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

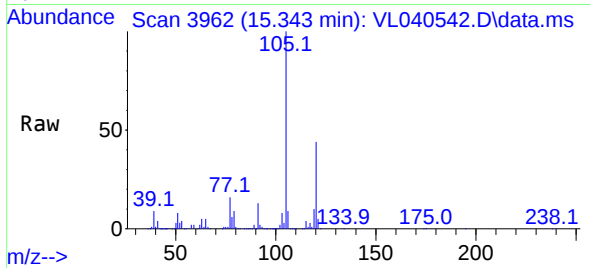
Tgt Ion:105 Resp: 3290919
Ion Ratio Lower Upper
105 100
120 29.8 24.6 37.0
91 13.8 10.7 16.1
77 14.4 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 11.176 ppbv
RT: 15.343 min Scan# 3962
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

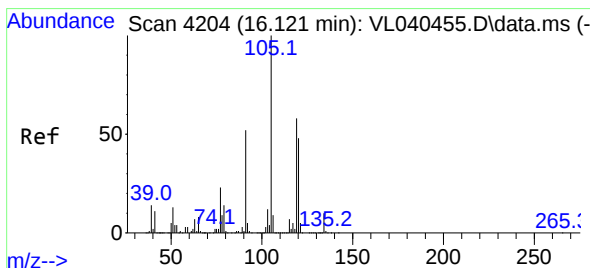
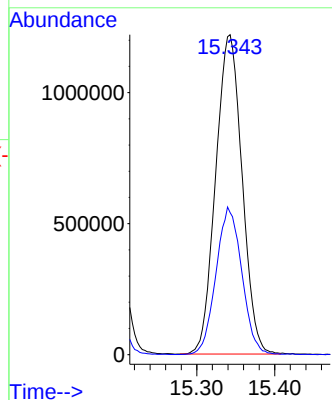
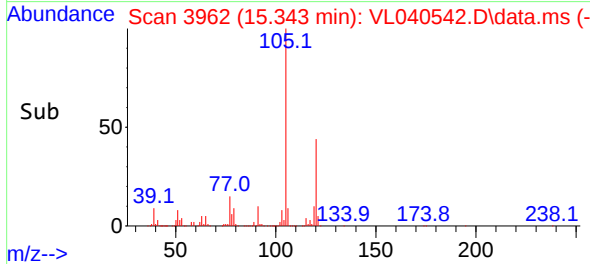
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



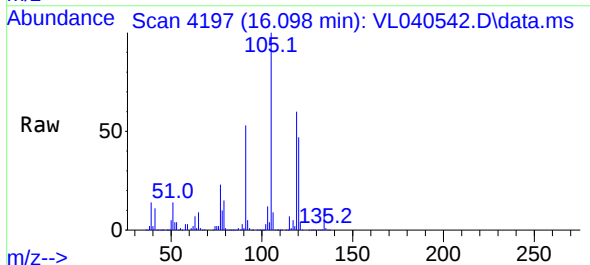
Tgt Ion:105 Resp: 286800
Ion Ratio Lower Upper
105 100
120 44.4 38.2 57.2

Manual Integrations
APPROVED

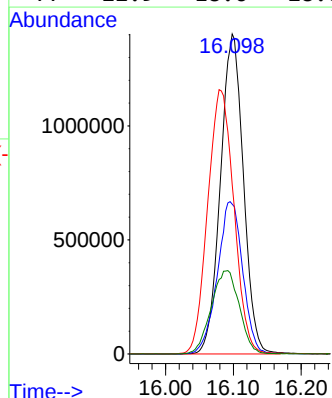
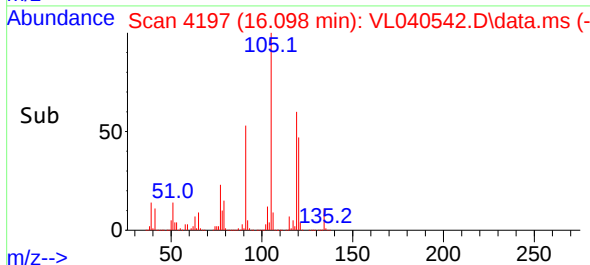
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

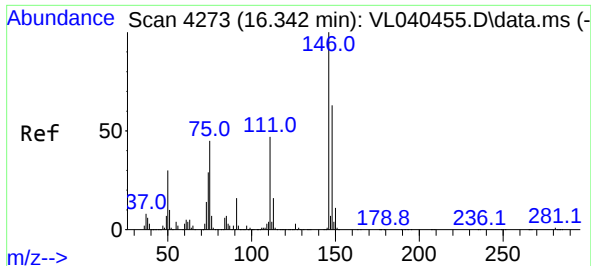


#74
1,2,4-Trimethylbenzene
Concen: 11.025 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



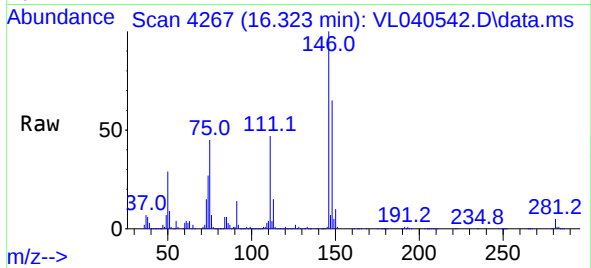
Tgt Ion:105 Resp: 3298733
Ion Ratio Lower Upper
105 100
120 46.8 40.3 60.5
91 52.8 46.8 70.2
77 22.9 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 10.648 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

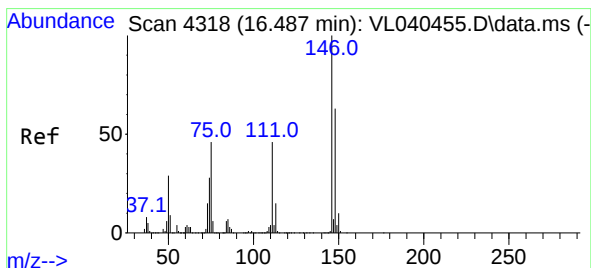
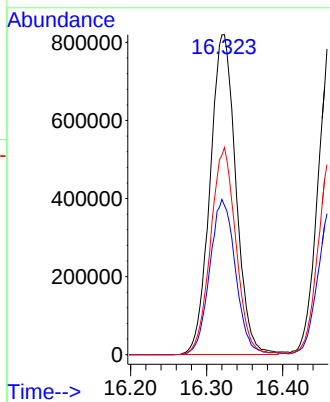
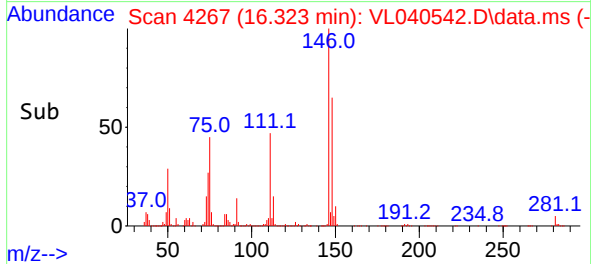
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



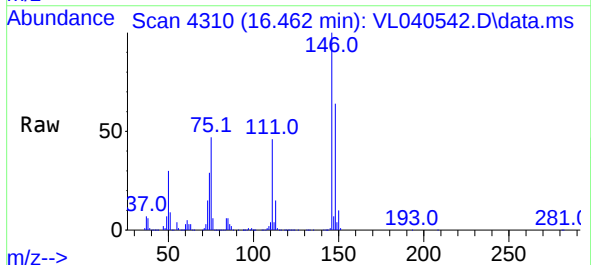
Tgt Ion:146 Resp: 1931570
Ion Ratio Lower Upper
146 100
111 48.8 23.6 71.0
148 63.8 32.2 96.6

Manual Integrations
APPROVED

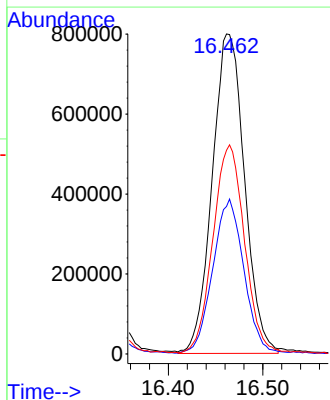
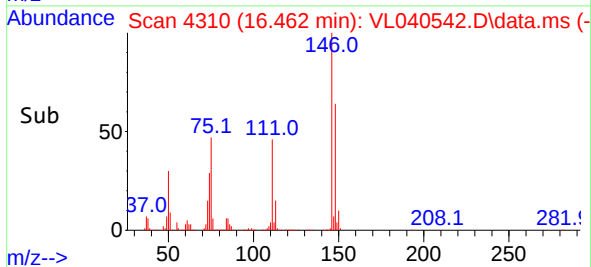
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

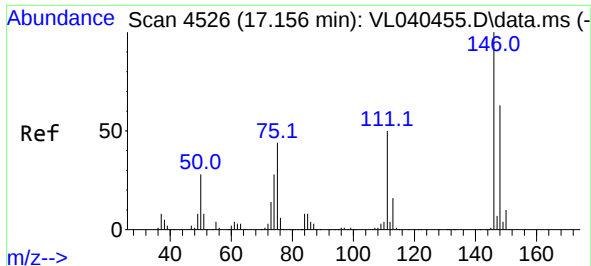


#76
1,4-Dichlorobenzene
Concen: 10.662 ppbv
RT: 16.462 min Scan# 4310
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion:146 Resp: 1896543
Ion Ratio Lower Upper
146 100
111 47.3 22.8 68.3
148 65.1 32.6 97.8





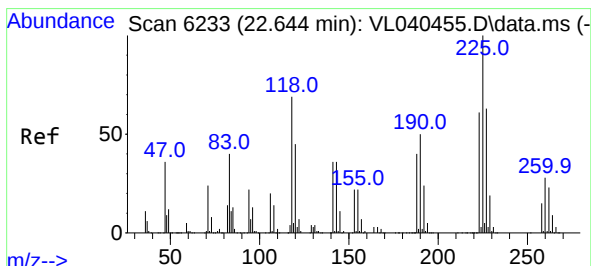
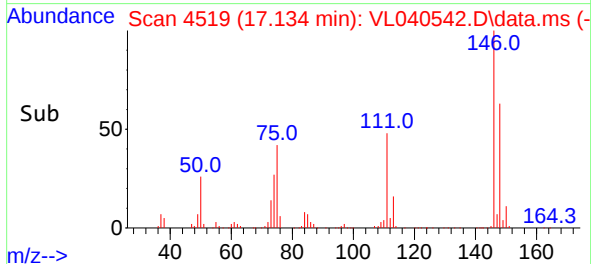
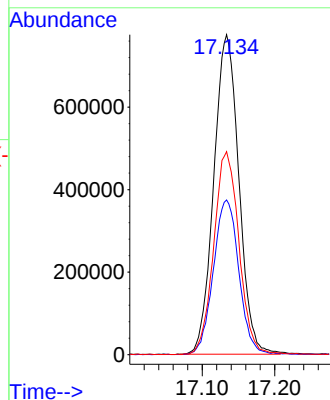
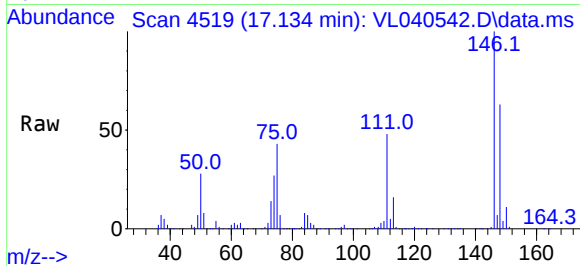
#77
1,2-Dichlorobenzene
Concen: 10.737 ppbv
RT: 17.134 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1862458
Ion Ratio Lower Upper
146 100
111 49.4 24.3 72.8
148 64.3 32.1 96.3

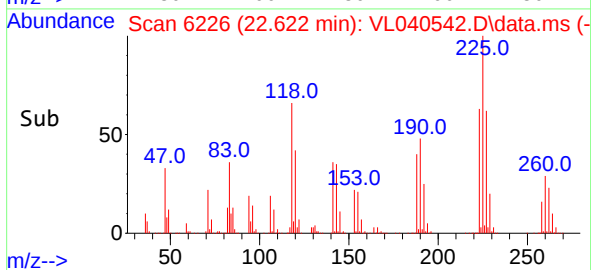
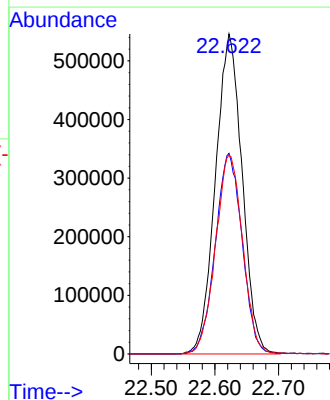
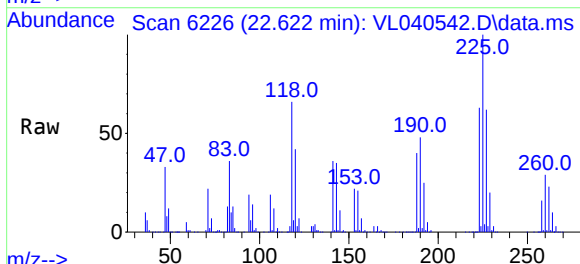
Manual Integrations
APPROVED

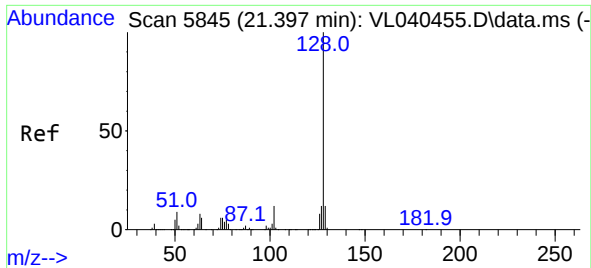
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.744 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.026 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

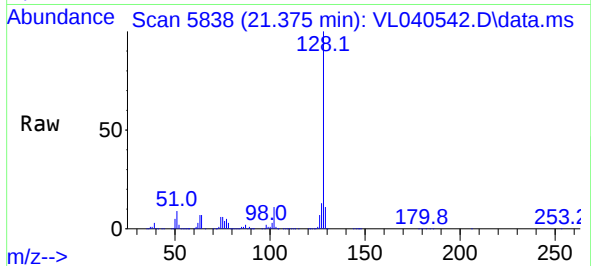
Tgt Ion:225 Resp: 1587387
Ion Ratio Lower Upper
225 100
223 63.4 50.3 75.5
227 63.4 51.0 76.6





#79
Naphthalene
Concen: 13.065 ppbv
RT: 21.375 min Scan# 5845
Delta R.T. -0.019 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00

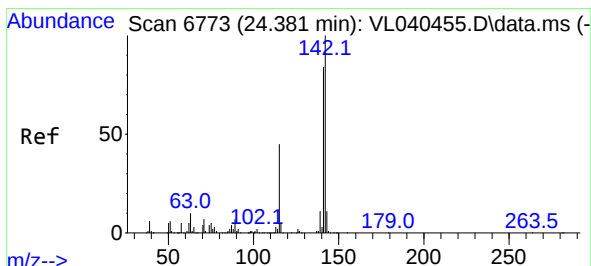
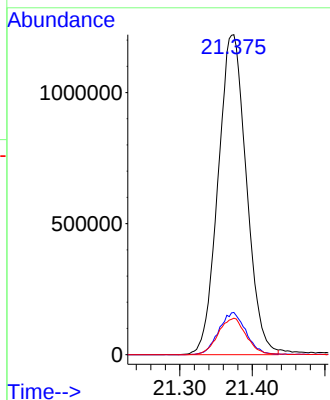
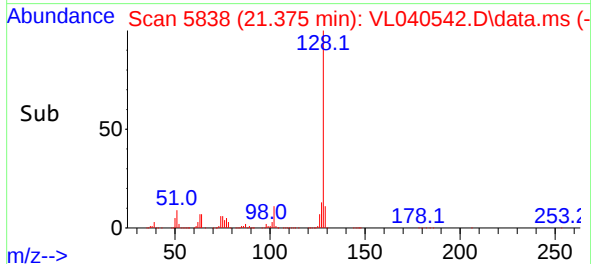
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



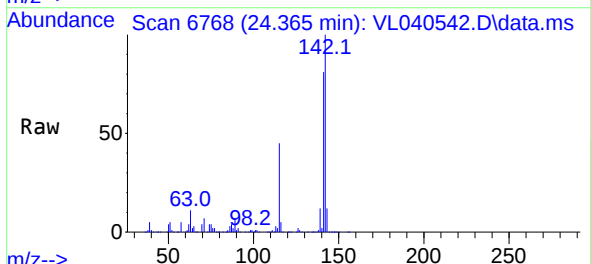
Tgt Ion:128 Resp: 330738
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.4 9.2 13.8

Manual Integrations
APPROVED

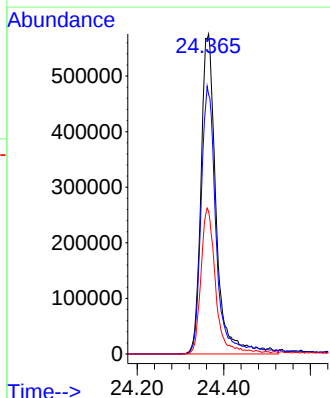
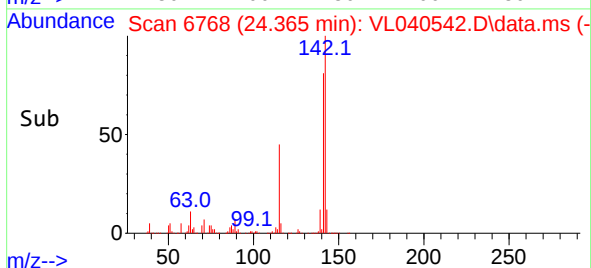
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

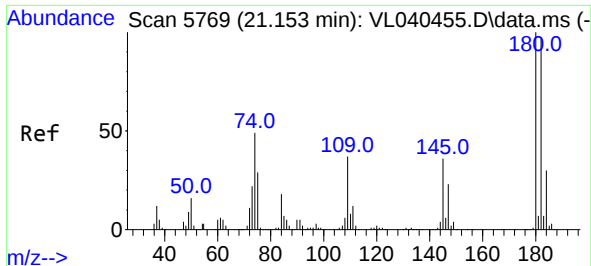


#80
Naphthalene,2-methyl-
Concen: 13.378 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.013 min
Lab File: VL040542.D
Acq: 26 Jul 2023 14:00



Tgt Ion:142 Resp: 1396450
Ion Ratio Lower Upper
142 100
141 83.7 66.7 100.1
115 45.0 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 11.202 ppbv

RT: 21.130 min Scan# 51

Delta R.T. -0.019 min

Lab File: VL040542.D

Acq: 26 Jul 2023 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:180 Resp: 1954289

Ion Ratio Lower Upper

180 100

182 96.9 77.5 116.3

184 31.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023

