

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040629.D
 Acq On : 15 Aug 2023 10:16
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 04:45:59 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 16 2023

QLast Update : Wed Aug 16 04:44:10 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1088967	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2853922	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2810789m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2161864 9.671 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	2072416	8.835	ppbv	100
3) Chlorodifluoromethane	2.668	51	1575922	8.814	ppbv	100
4) Chloromethane	2.806	50	625097	8.963	ppbv	100
5) Vinyl Chloride	2.915	62	671518	9.068	ppbv	100
6) Bromomethane	3.112	94	346876	8.886	ppbv	100
7) Chloroethane	3.192	64	243393	9.011	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	1677704	8.837	ppbv	100
9) Propene	2.687	41	516627	9.325	ppbv	100
10) Heptane	7.590	43	1248358	9.785	ppbv	100
11) Trichlorofluoromethane	3.558	101	1686608	8.907	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.063	101	1237908	8.907	ppbv	100
13) Ethanol	3.240	45	142871m	10.753	ppbv	
14) Bromoethene	3.362	108	535515	9.383	ppbv	100
15) Acetone	3.465	43	1156669	8.684	ppbv	100
16) 1,3-Butadiene	2.980	39	617498	9.322	ppbv	100
17) tert-Butyl alcohol	3.877	59	1394695	9.873	ppbv	100
18) 1,1-Dichloroethene	3.880	96	562826	8.837	ppbv	100
19) Isopropyl Alcohol	3.571	45	856608	10.143	ppbv	99
20) Methylene Chloride	3.931	84	480743	7.386	ppbv	100
21) Allyl Chloride	3.996	41	827181	9.389	ppbv	100
22) trans-1,2-Dichloroethene	4.446	96	584530	9.349	ppbv	100
23) Vinyl Acetate	4.629	43	1433280	9.847	ppbv	100
24) 1,1-Dichloroethane	4.565	63	1172182	9.031	ppbv	100
25) Ethyl Acetate	5.208	43	2223978	8.891	ppbv	100
26) Hexane	5.214	57	1027827	8.492	ppbv	100
27) Carbon Disulfide	4.124	76	1433227	9.947	ppbv	100
28) Methyl tert-Butyl Ether	4.587	73	871143	9.310	ppbv	100
29) Chloroform	5.279	83	1704578	8.898	ppbv	100
30) Cyclohexane	6.610	84	865875	9.760	ppbv	100
31) cis-1,2-Dichloroethene	5.082	61	1048262	9.597	ppbv	100
32) 1,1,1-Trichloroethane	6.009	97	1708478	9.294	ppbv	100
34) 2-Butanone	4.787	43	1372884	9.539	ppbv	100
35) Carbon Tetrachloride	6.500	117	1745980	9.758	ppbv	100
36) Benzene	6.378	78	2160403	9.515	ppbv	100
37) 1,2-Dichloroethane	5.812	62	1286465	9.395	ppbv	100
38) Trichloroethene	7.301	130	847977	9.605	ppbv	100
39) 1,2-Dichloropropane	7.082	63	817291	9.462	ppbv	100
40) 1,4-Dioxane	7.298	88	354720	10.938	ppbv	100
41) Tetrahydrofuran	5.562	42	798617	9.861	ppbv	100
42) Bromodichloromethane	7.259	83	1862584	9.772	ppbv	100
43) Methyl Methacrylate	7.484	69	880987	10.368	ppbv	100
44) 2,2,4-Trimethylpentane	7.336	57	3538517	9.642	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	766395	11.438	ppbv	100

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 Supervised By :Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 04:45:59 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 16 2023

QLast Update : Wed Aug 16 04:44:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	902979	10.939	ppbv	100
47) 1,1,2-Trichloroethane	8.912	97	922017	9.444	ppbv	100
48) Dibromochloromethane	9.722	129	1553068	10.164	ppbv	100
49) Bromoform	12.426	173	1281811	10.500	ppbv	100
50) 4-Methyl-2-Pentanone	8.188	43	2099487	9.970	ppbv	100
51) 2-Hexanone	9.565	43	1550288	10.500	ppbv	100
52) Tetrachloroethene	10.629	164	743889	10.463	ppbv	100
53) Toluene	9.233	91	2508019	10.395	ppbv	100
54) 1,2-Dibromoethane	10.024	107	1325120	11.309	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.523	131	1149522	8.831	ppbv	95
57) Chlorobenzene	11.539	112	1932684	8.909	ppbv	100
58) Ethyl Benzene	12.102	91	3388239	9.996	ppbv	100
59) m/p-Xylene	12.388	91	5804222m	18.790	ppbv	
60) o-Xylene	13.073	91	2783399	9.498	ppbv	100
61) Styrene	12.915	104	1432191	11.156	ppbv	100
62) Isopropylbenzene	14.047	105	4055858	9.147	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	2008987	9.045	ppbv	100
64) n-propylbenzene	14.931	120	1049258	9.360	ppbv	99
65) tert-Butylbenzene	16.105	119	3545642	9.224	ppbv	100
66) Benzyl Chloride	16.343	91	479773	9.999	ppbv	100
67) sec-Butylbenzene	16.651	105	5096000	9.087	ppbv	100
69) p-Isopropyltoluene	17.008	119	4109457	9.365	ppbv	100
70) n-Butylbenzene	17.902	91	4498648	9.390	ppbv	100
71) 2-Chlorotoluene	14.815	91	3137689	9.535	ppbv	100
72) 4-Ethyltoluene	15.208	105	3259756	9.853	ppbv	100
73) 1,3,5-Trimethylbenzene	15.365	105	2777938	9.416	ppbv	100
74) 1,2,4-Trimethylbenzene	16.124	105	3114887	9.019	ppbv	100
75) 1,3-Dichlorobenzene	16.346	146	1822799	9.145	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1790166	8.986	ppbv	100
77) 1,2-Dichlorobenzene	17.159	146	1732680	8.842	ppbv	100
78) Hexachloro-1,3-Butadiene	22.651	225	1200664	8.060	ppbv	100
79) Naphthalene	21.400	128	2658433	11.503	ppbv	100
80) Naphthalene,2-methyl-	24.387	142	827305	13.406	ppbv	100
81) 1,2,4-Trichlorobenzene	21.159	180	1436215	9.566	ppbv	99

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

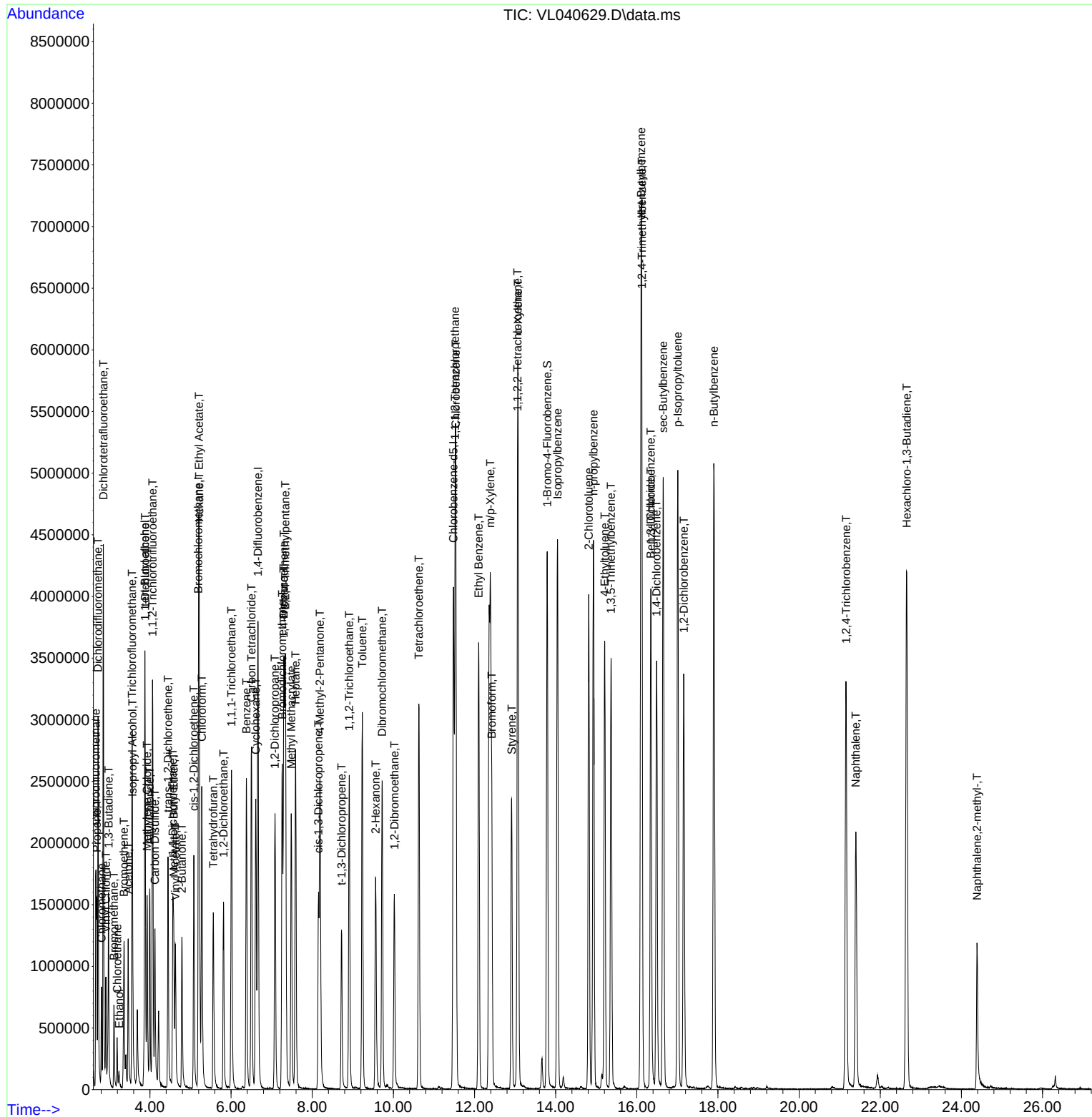
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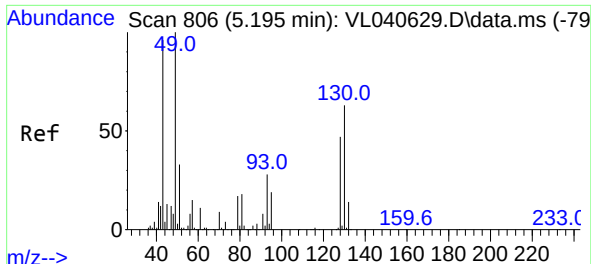
Instrument :
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Manual Integrations APPROVED

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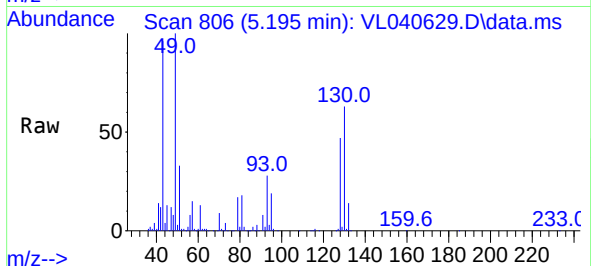
Quant Time: Aug 16 04:45:59 2023
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

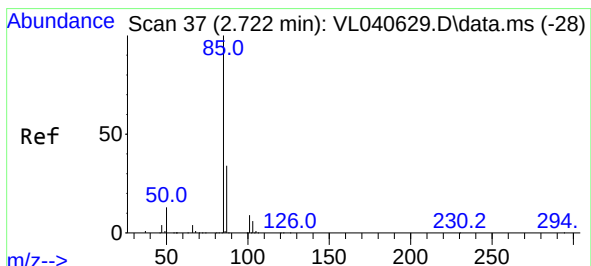
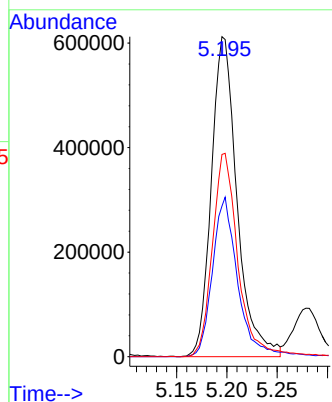
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 108896
Ion Ratio Lower Upper
49 100
128 49.8 24.9 74.7
130 64.4 32.2 96.6

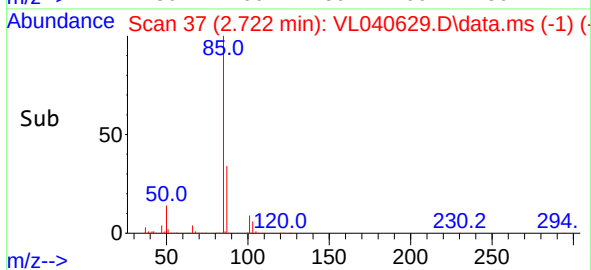
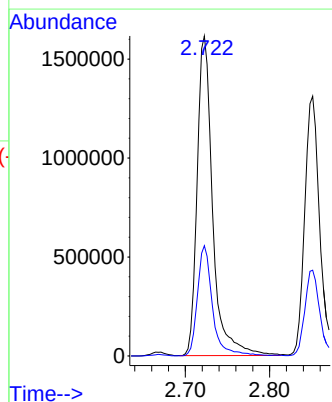
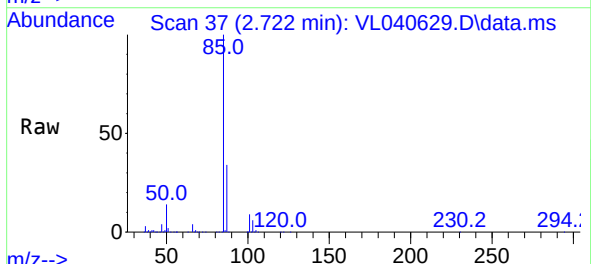
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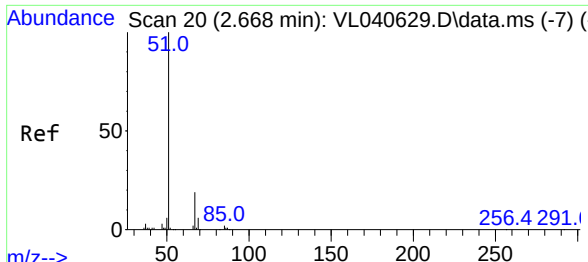
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#2
Dichlorodifluoromethane
Concen: 8.835 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

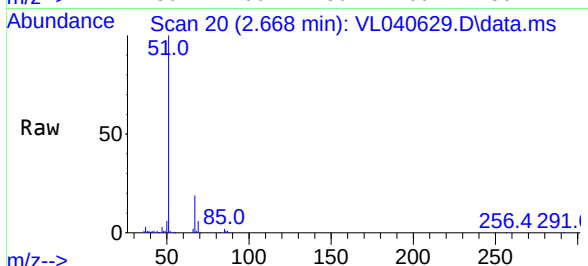
Tgt Ion: 85 Resp: 2072416
Ion Ratio Lower Upper
85 100
87 34.4 27.5 41.3





#3
Chlorodifluoromethane
Concen: 8.814 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

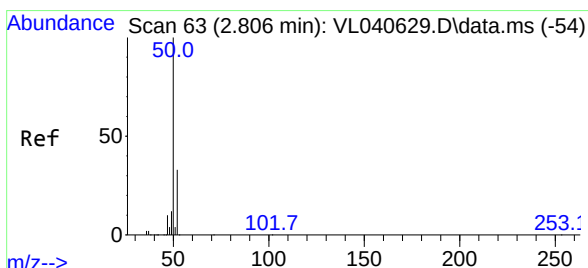
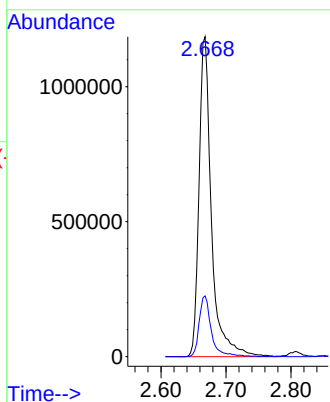
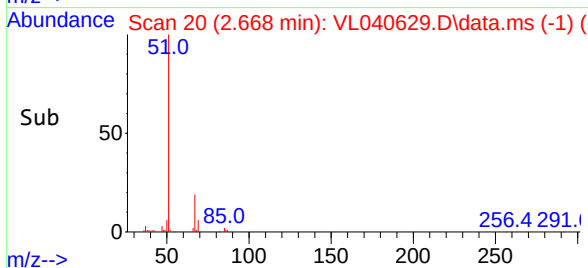
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 51 Resp: 157592
Ion Ratio Lower Upper
51 100
67 18.8 15.0 22.6

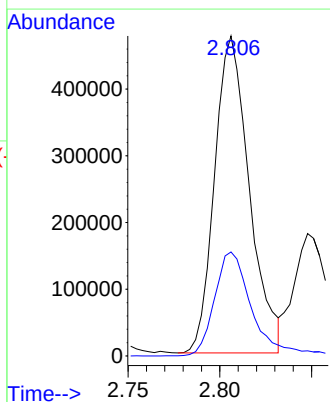
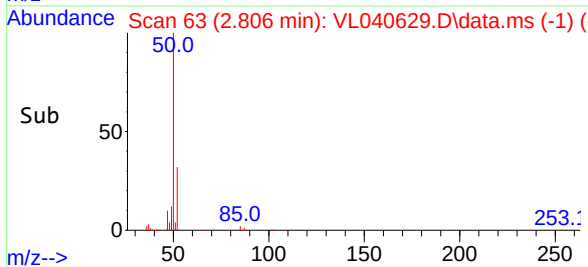
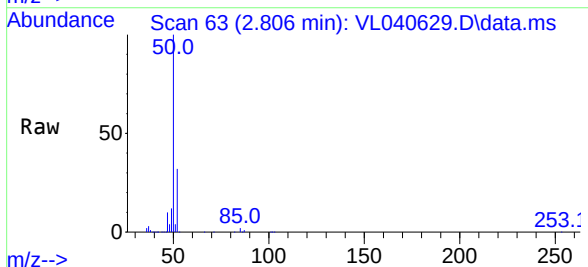
Manual Integrations
APPROVED

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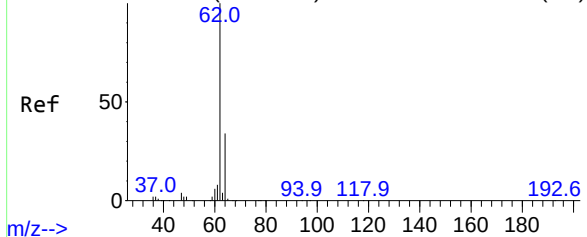


#4
Chloromethane
Concen: 8.963 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 50 Resp: 625097
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

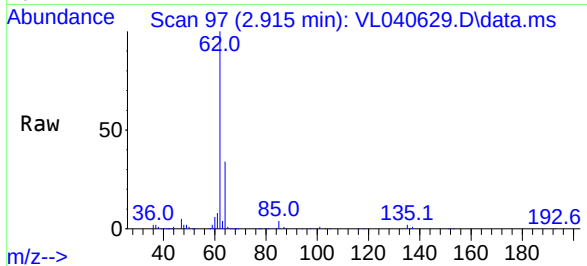


Abundance Scan 97 (2.915 min): VL040629.D\data.ms (-87)



#5
Vinyl Chloride
Concen: 9.068 ppbv
RT: 2.915 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

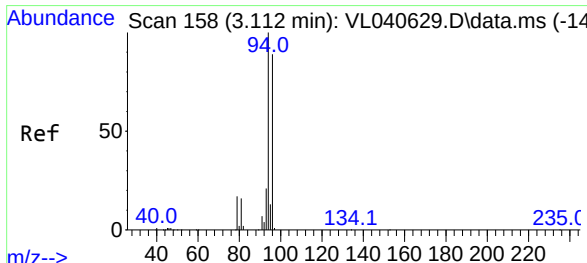
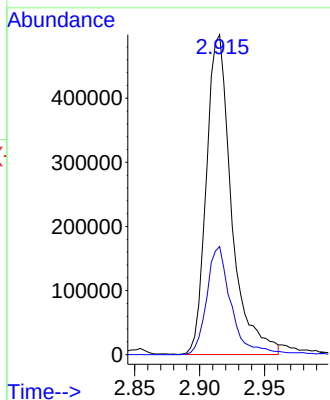
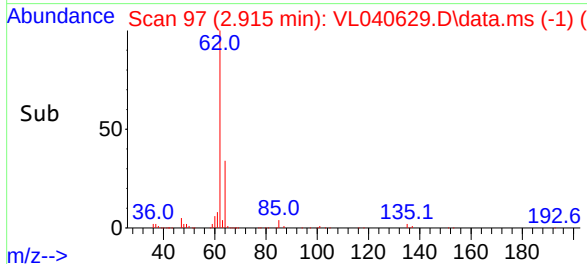
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



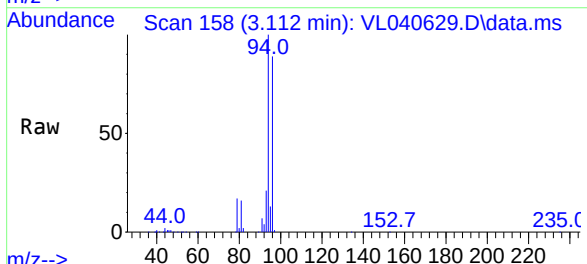
Tgt Ion: 62 Resp: 671518
Ion Ratio Lower Upper
62 100
64 33.8 27.0 40.6

Manual Integrations
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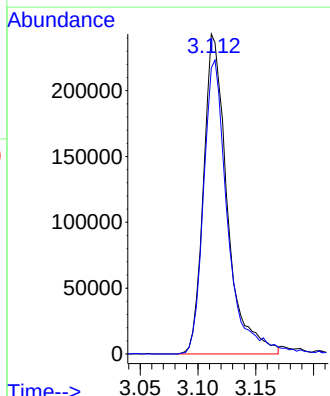
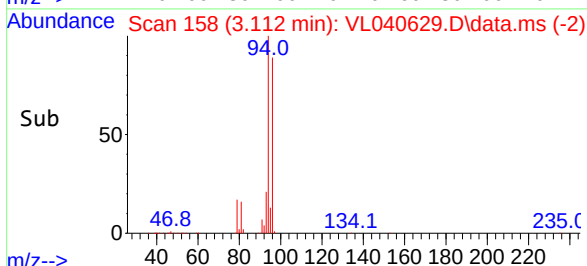
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

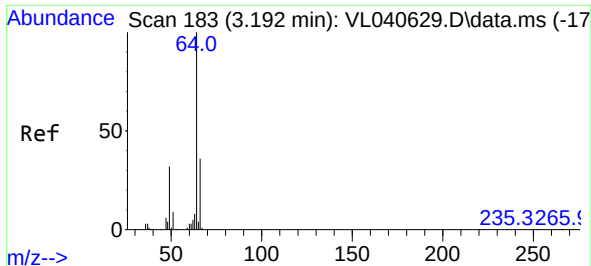


#6
Bromomethane
Concen: 8.886 ppbv
RT: 3.112 min Scan# 158
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



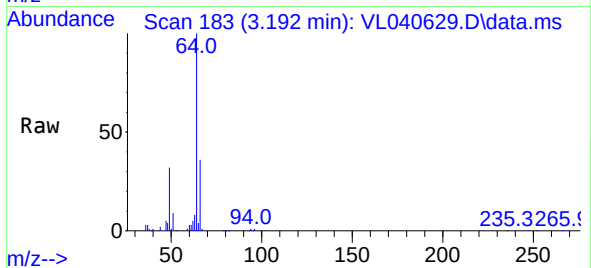
Tgt Ion: 94 Resp: 346876
Ion Ratio Lower Upper
94 100
96 89.4 71.5 107.3





#7
Chloroethane
Concen: 9.011 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

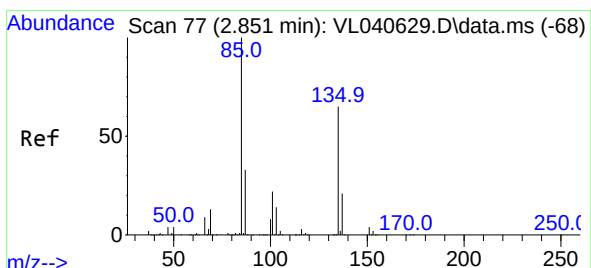
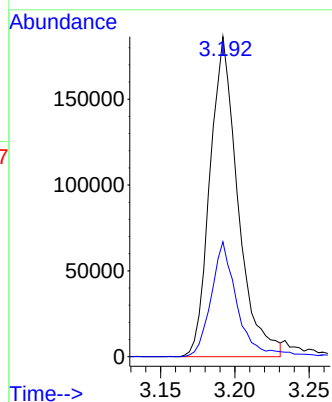
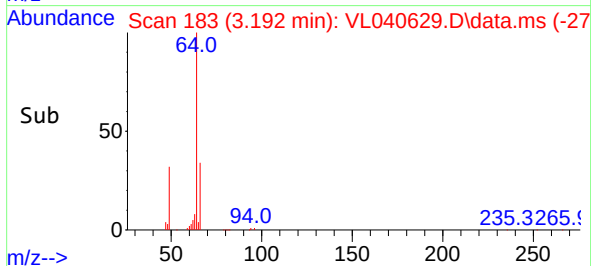
Instrument :
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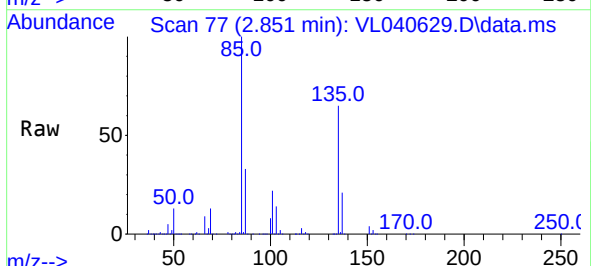
Tgt Ion: 64 Resp: 24339
Ion Ratio Lower Upper
64 100
66 35.9 28.7 43.1

Manual Integrations
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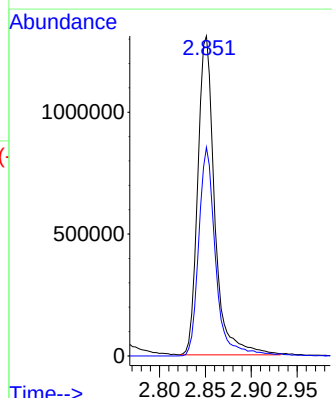
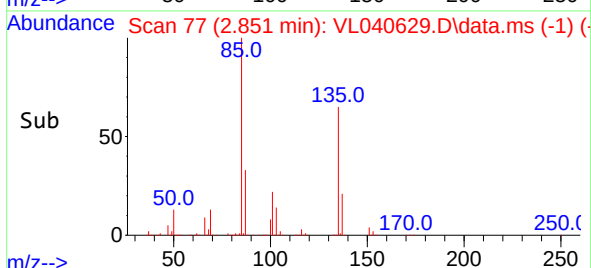
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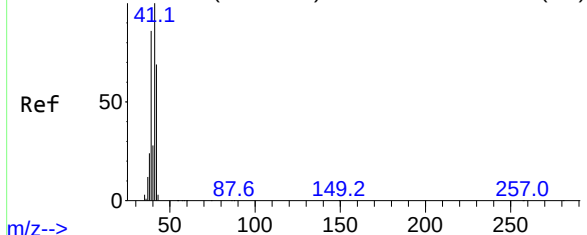
#8
Dichlorotetrafluoroethane
Concen: 8.837 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



Tgt Ion: 85 Resp: 1677704
Ion Ratio Lower Upper
85 100
135 66.0 52.8 79.2



Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-17)



#9
Propene
Concen: 9.325 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

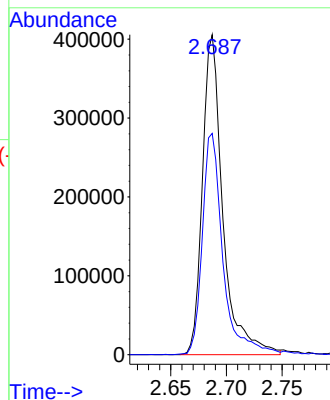
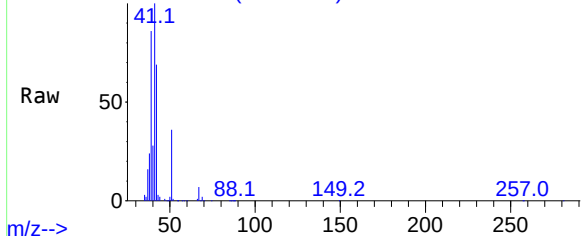
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 51662
Ion Ratio Lower Upper
41 100
42 70.6 56.5 84.7

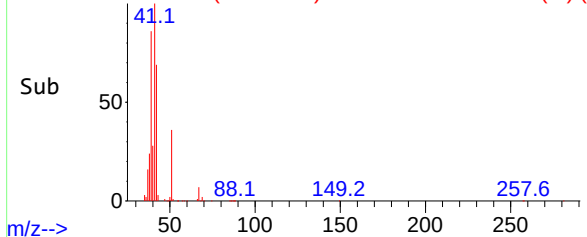
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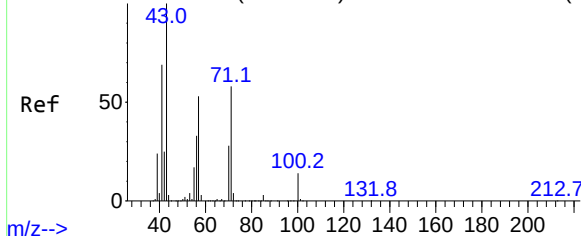
Abundance Scan 26 (2.687 min): VL040629.D\data.ms



Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-1)



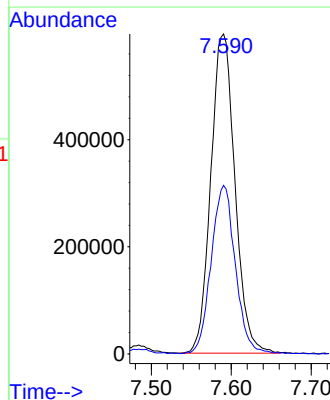
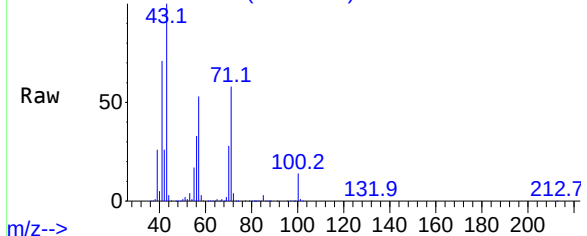
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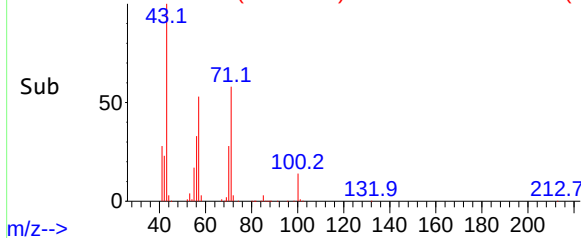
#10
Heptane
Concen: 9.785 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

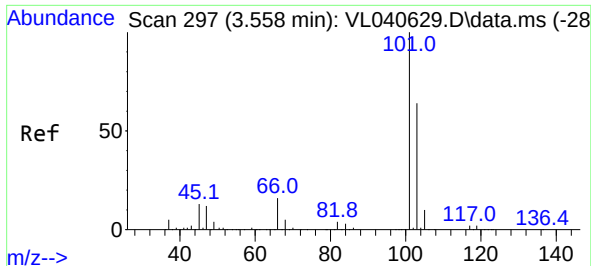
Tgt Ion: 43 Resp: 1248358
Ion Ratio Lower Upper
43 100
57 53.1 42.5 63.7

Abundance Scan 1551 (7.590 min): VL040629.D\data.ms



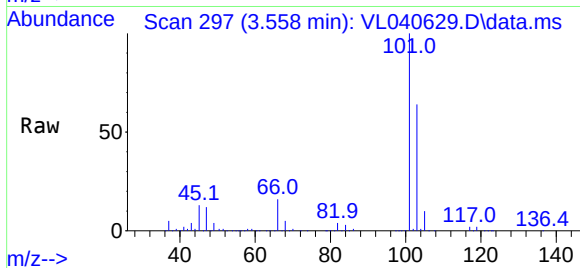
Abundance Scan 1551 (7.590 min): VL040629.D\data.ms (-1)





#11
 Trichlorofluoromethane
 Concen: 8.907 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

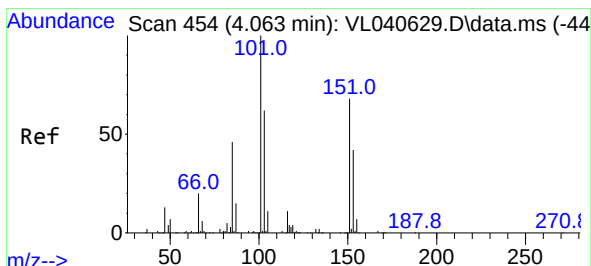
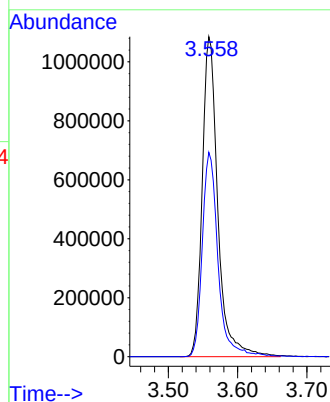
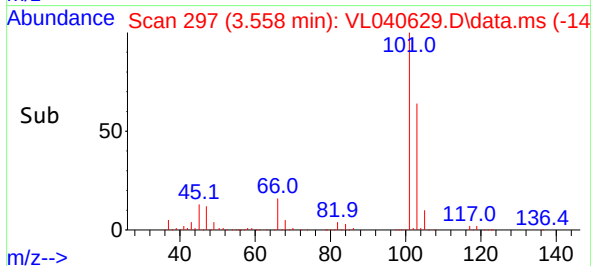
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



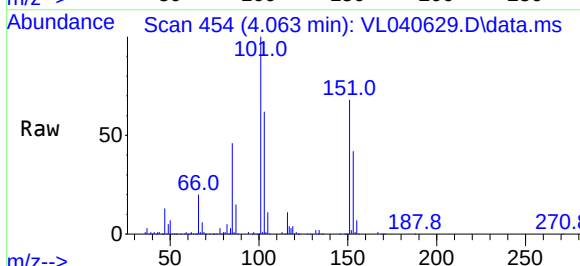
Tgt Ion:101 Resp: 1686608
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.1 76.7

Manual Integrations
 APPROVED

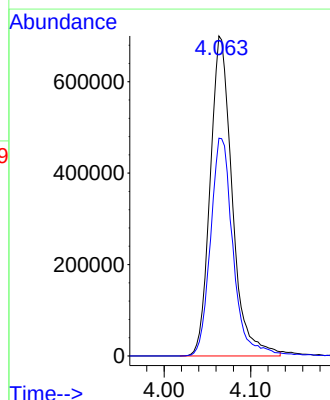
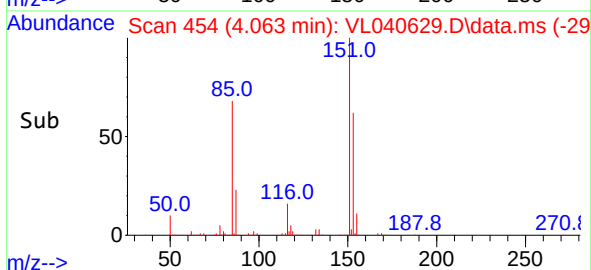
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

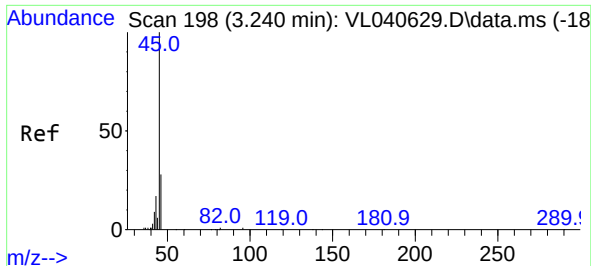


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.907 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16



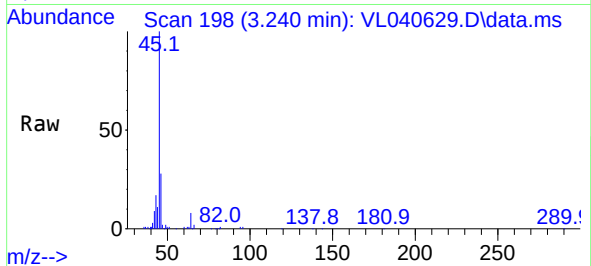
Tgt Ion:101 Resp: 1237908
 Ion Ratio Lower Upper
 101 100
 151 70.2 56.2 84.2





#13
Ethanol
Concen: 10.753 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

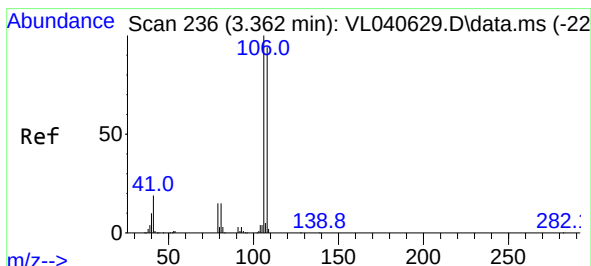
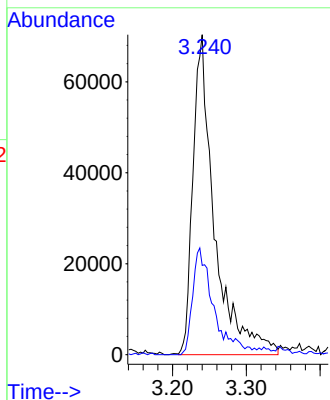
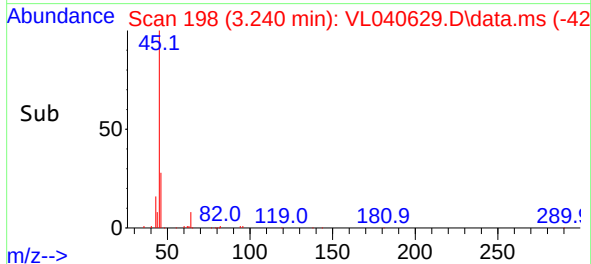
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



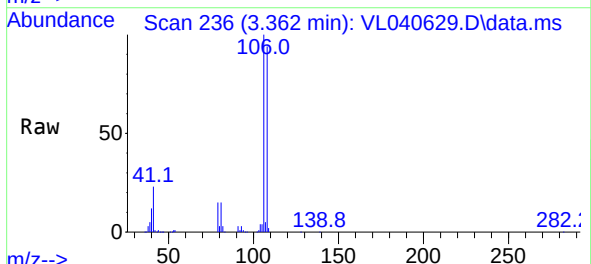
Tgt Ion: 45 Resp: 14287
Ion Ratio Lower Upper
45 100
46 32.4 14.2 56.6

Manual Integrations
APPROVED

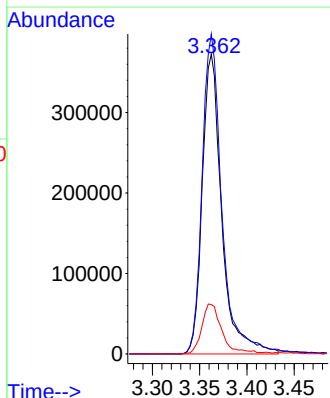
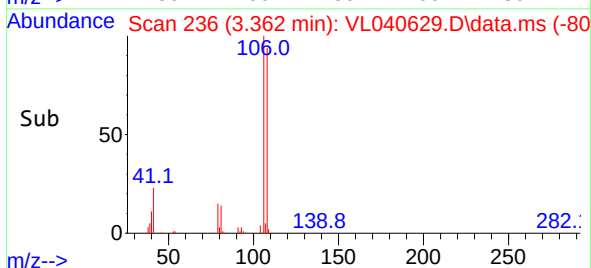
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

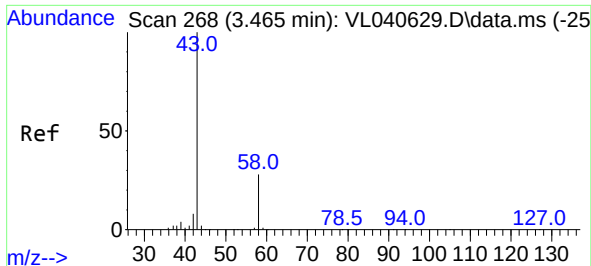


#14
Bromoethene
Concen: 9.383 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



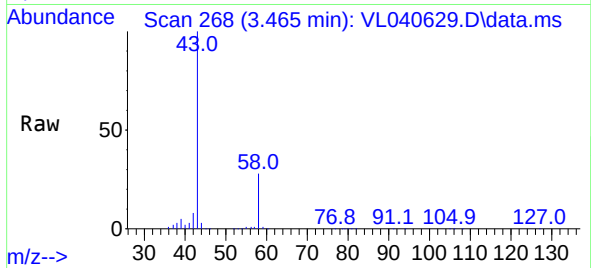
Tgt Ion:108 Resp: 535515
Ion Ratio Lower Upper
108 100
106 109.1 87.3 130.9
79 18.0 14.4 21.6





#15
Acetone
Concen: 8.684 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

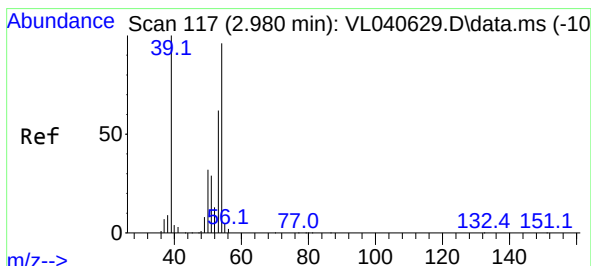
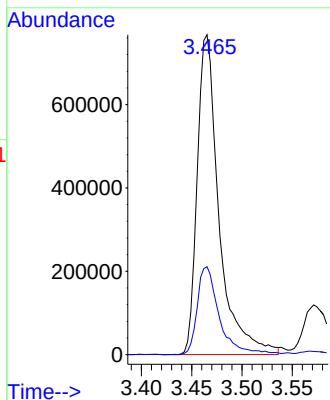
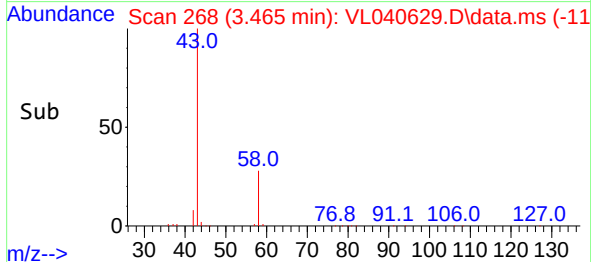
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



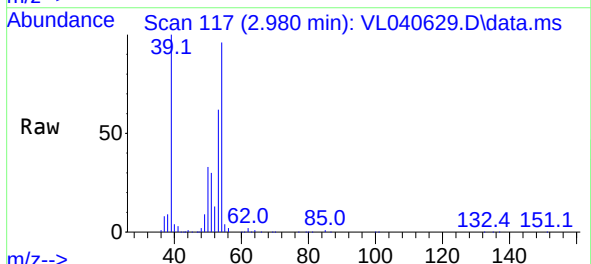
Tgt Ion: 43 Resp: 115666
Ion Ratio Lower Upper
43 100
58 28.2 22.4 33.6

Manual Integrations
APPROVED

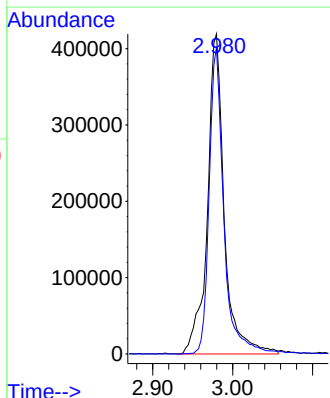
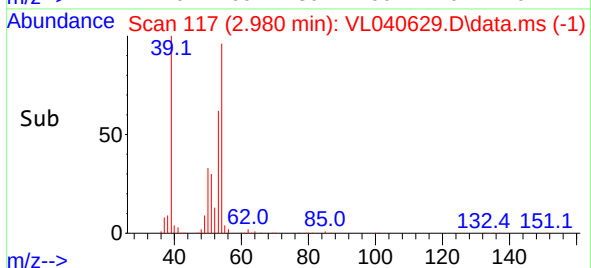
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

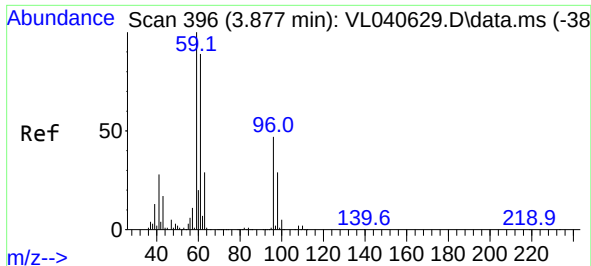


#16
1,3-Butadiene
Concen: 9.322 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



Tgt Ion: 39 Resp: 617498
Ion Ratio Lower Upper
39 100
54 83.2 66.6 99.8





#17

tert-Butyl alcohol

Concen: 9.873 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 139469

Ion Ratio Lower Upper

59 100

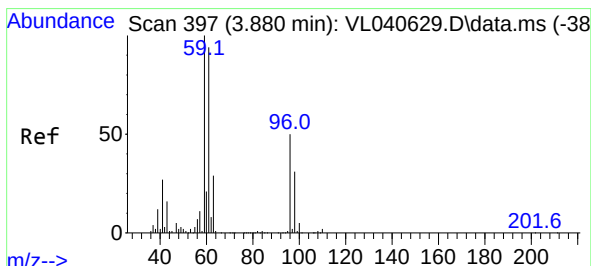
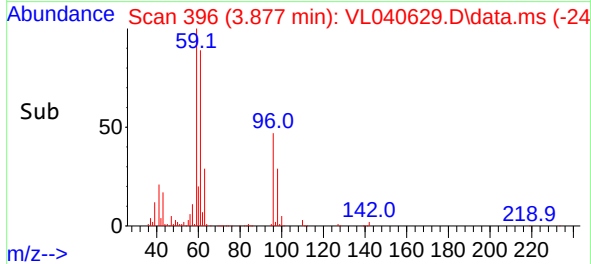
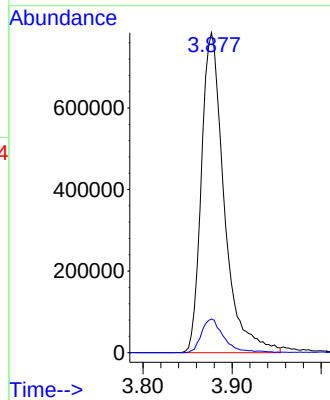
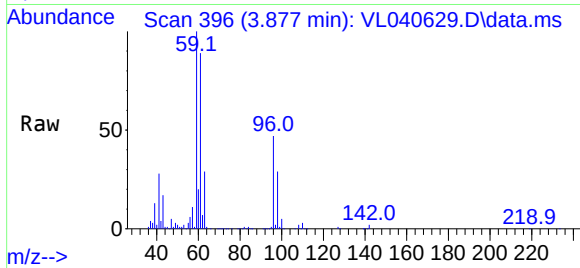
57 10.5 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#18

1,1-Dichloroethene

Concen: 8.837 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

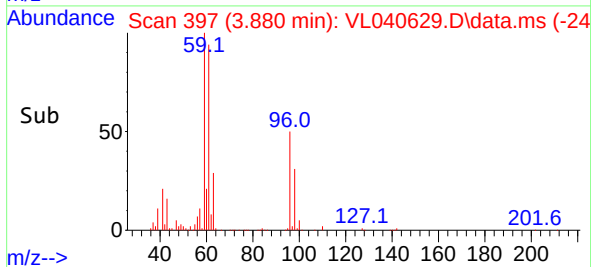
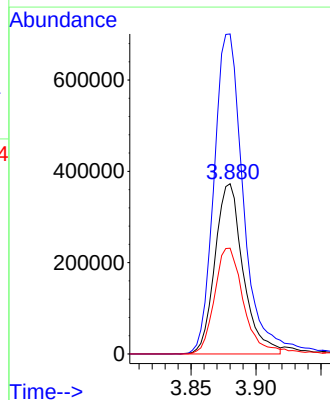
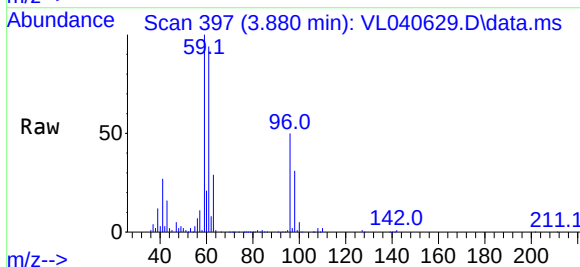
Tgt Ion: 96 Resp: 562826

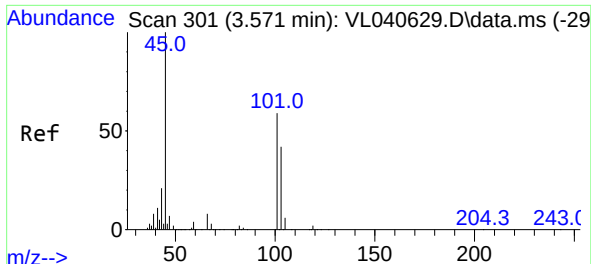
Ion Ratio Lower Upper

96 100

61 188.0 150.4 225.6

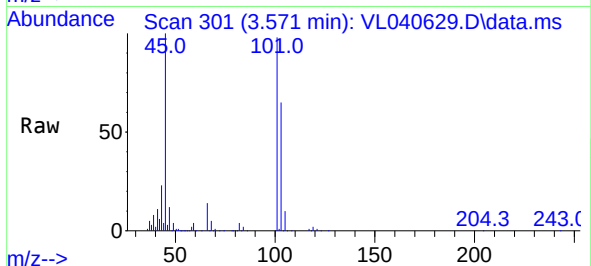
98 62.1 49.7 74.5





#19
Isopropyl Alcohol
Concen: 10.143 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

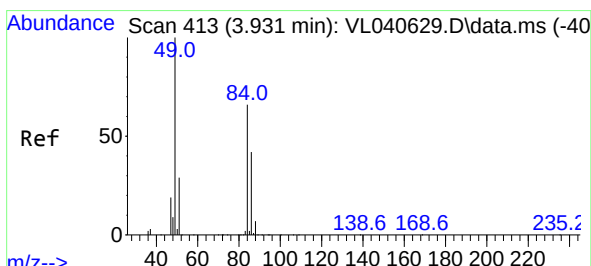
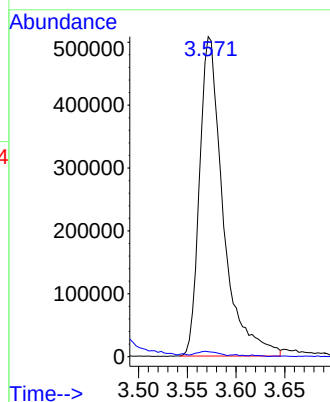
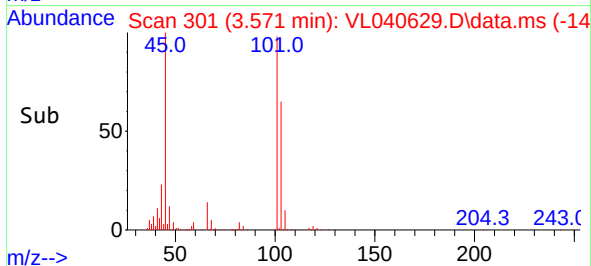
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



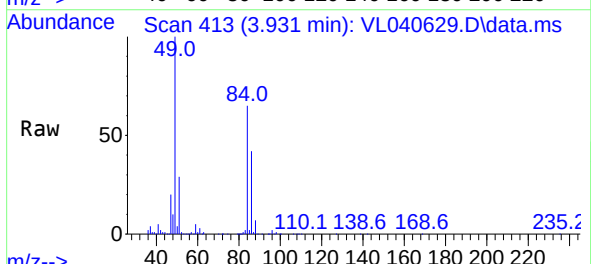
Tgt Ion: 45 Resp: 856608
Ion Ratio Lower Upper
45 100
58 2.1 1.9 2.9

Manual Integrations
APPROVED

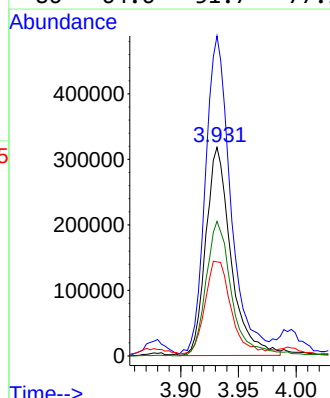
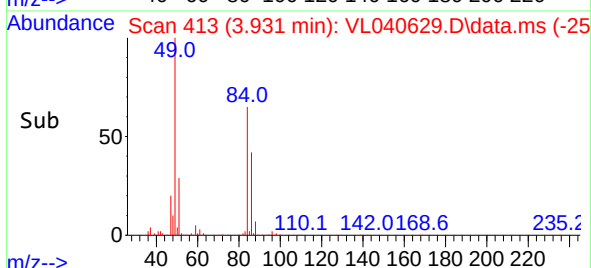
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

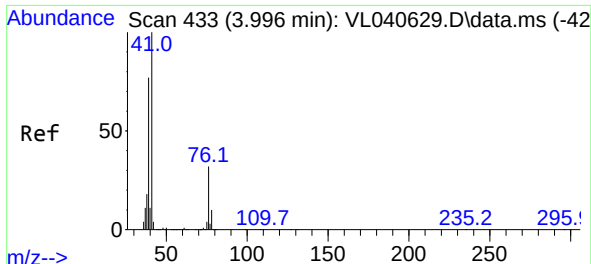


#20
Methylene Chloride
Concen: 7.386 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



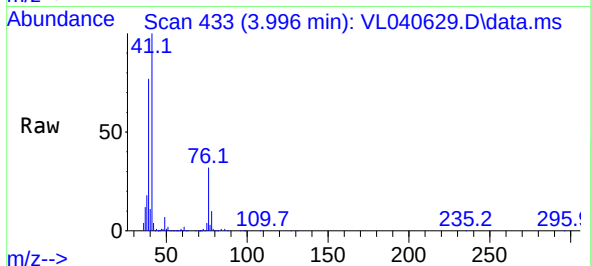
Tgt Ion: 84 Resp: 480743
Ion Ratio Lower Upper
84 100
49 152.6 122.1 183.1
51 44.3 35.4 53.2
86 64.6 51.7 77.5





#21
 Allyl Chloride
 Concen: 9.389 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

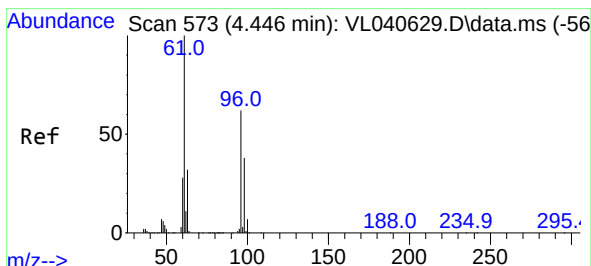
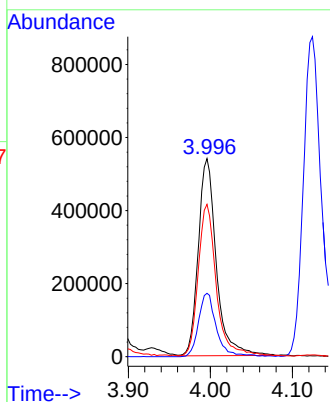
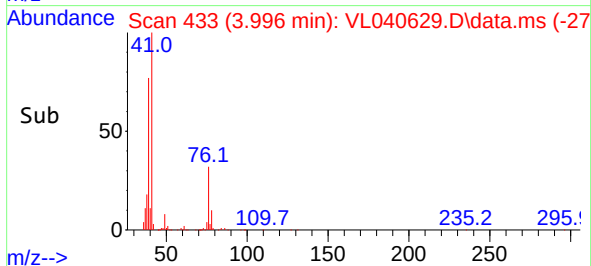
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



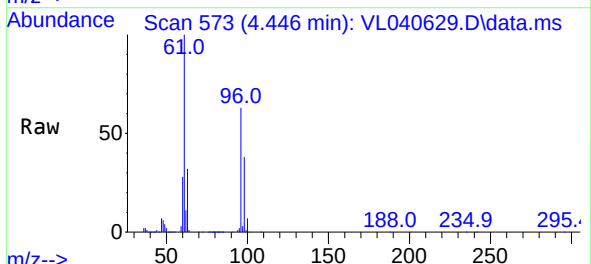
Tgt Ion: 41 Resp: 82718
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.5 38.3
 39 77.3 61.8 92.6

Manual Integrations
 APPROVED

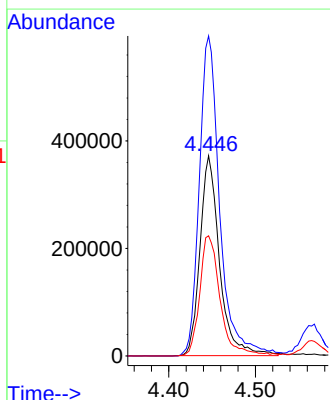
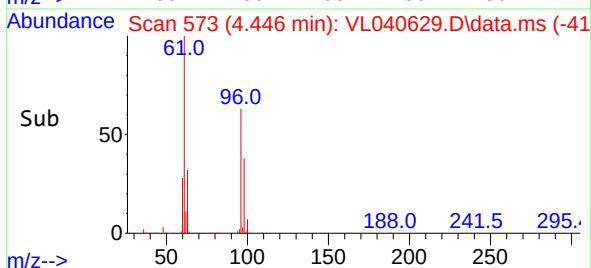
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

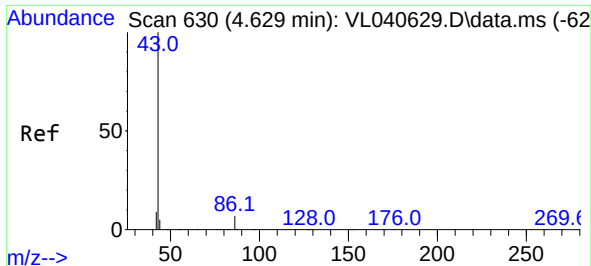


#22
 trans-1,2-Dichloroethene
 Concen: 9.349 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16



Tgt Ion: 96 Resp: 584530
 Ion Ratio Lower Upper
 96 100
 61 160.1 128.1 192.1
 98 60.1 48.1 72.1





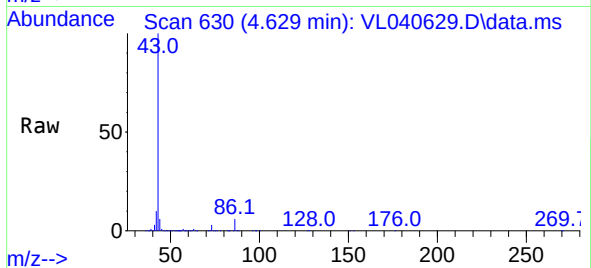
#23
 Vinyl Acetate
 Concen: 9.847 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

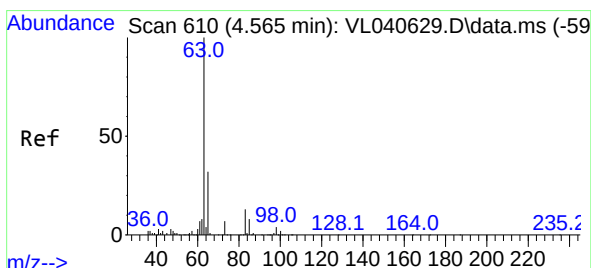
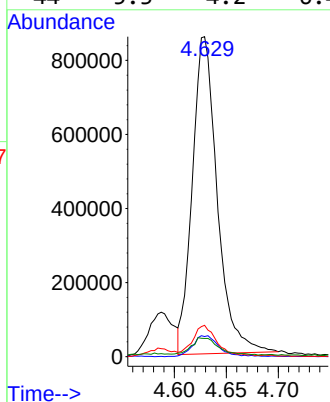
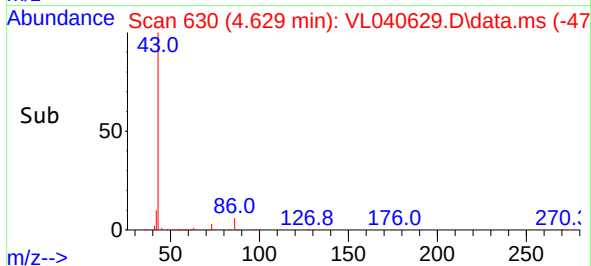


Tgt Ion: 43 Resp: 1433280
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.0 7.6
 42 9.8 7.8 11.8
 44 5.3 4.2 6.4

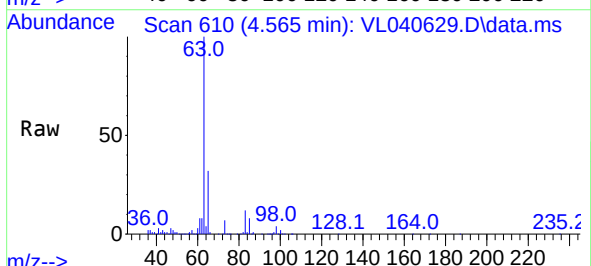
Manual Integrations

APPROVED

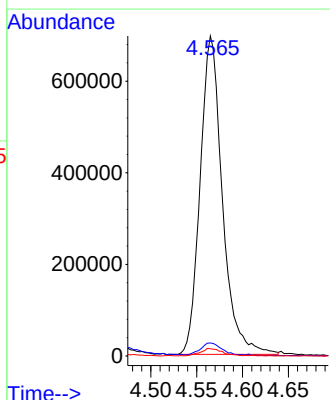
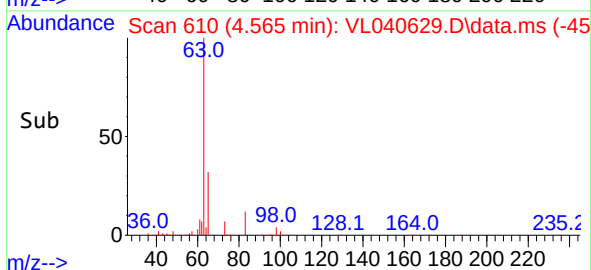
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

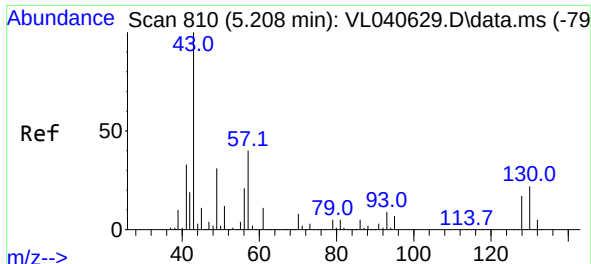


#24
 1,1-Dichloroethane
 Concen: 9.031 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16



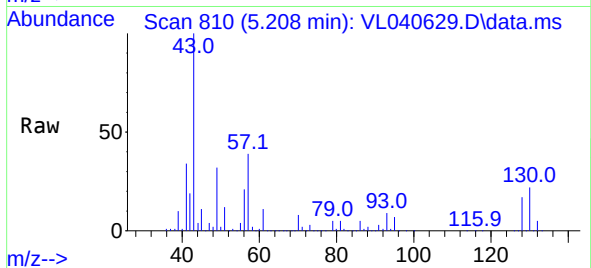
Tgt Ion: 63 Resp: 1172182
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.0 6.0
 100 2.2 1.1 3.3





#25
Ethyl Acetate
Concen: 8.891 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

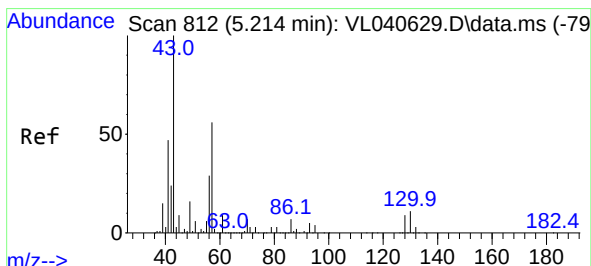
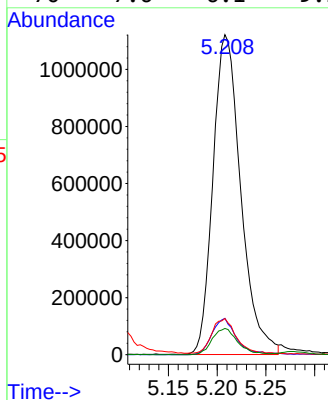
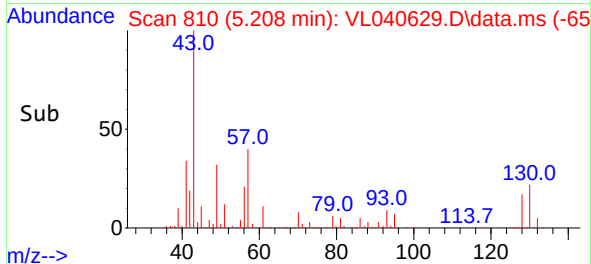
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



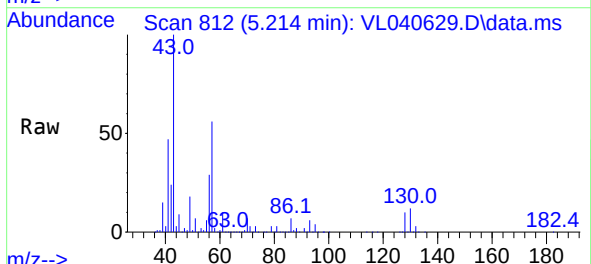
Tgt Ion: 43 Resp: 2223978
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.4 8.3 12.5
70 7.6 6.1 9.1

Manual Integrations
APPROVED

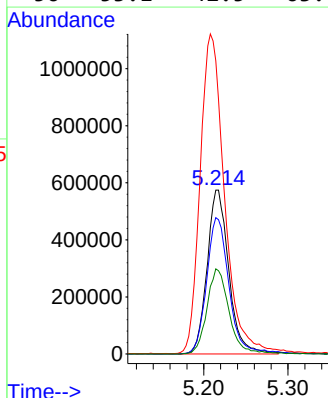
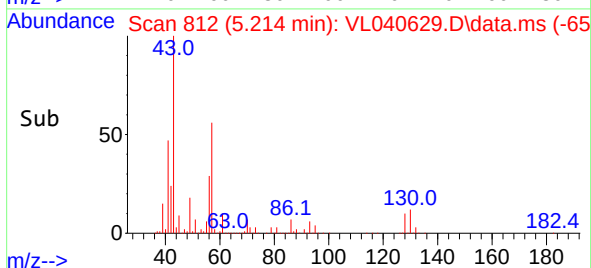
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

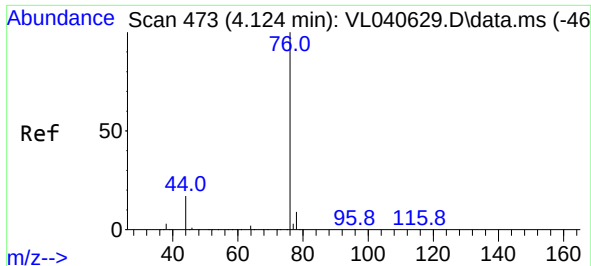


#26
Hexane
Concen: 8.492 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



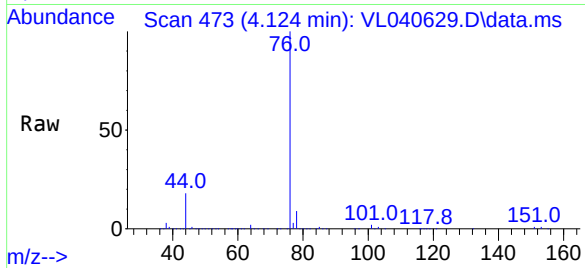
Tgt Ion: 57 Resp: 1027827
Ion Ratio Lower Upper
57 100
41 86.5 69.3 103.9
43 221.7 177.9 266.9
56 53.1 42.5 63.7





#27
Carbon Disulfide
Concen: 9.947 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

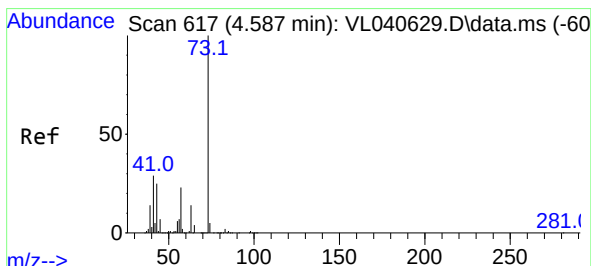
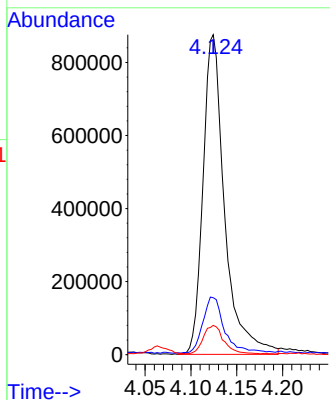
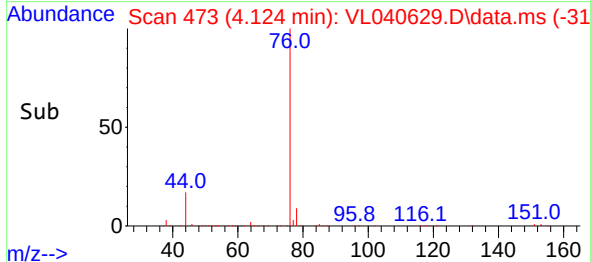
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



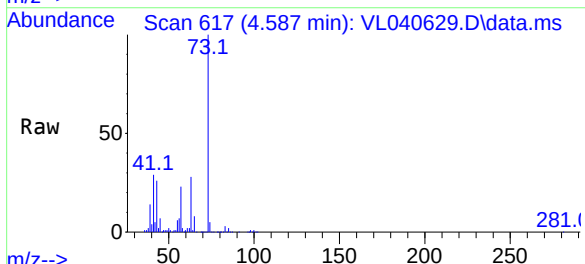
Tgt Ion: 76 Resp: 143322
Ion Ratio Lower Upper
76 100
44 17.9 14.3 21.5
78 9.2 7.4 11.0

Manual Integrations
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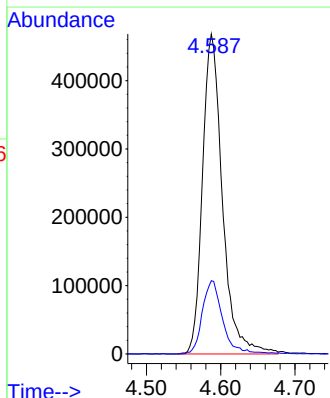
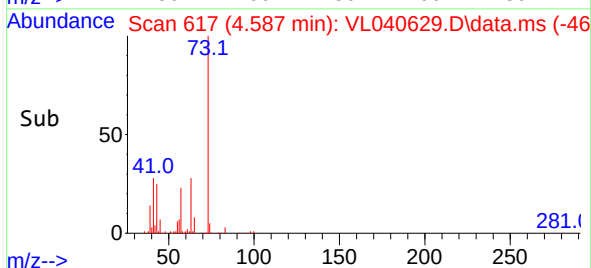
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

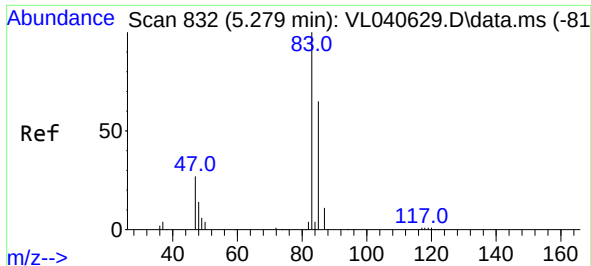


#28
Methyl tert-Butyl Ether
Concen: 9.310 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



Tgt Ion: 73 Resp: 871143
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3





#29

Chloroform

Concen: 8.898 ppbv

RT: 5.279 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 1704578

Ion Ratio Lower Upper

83 100

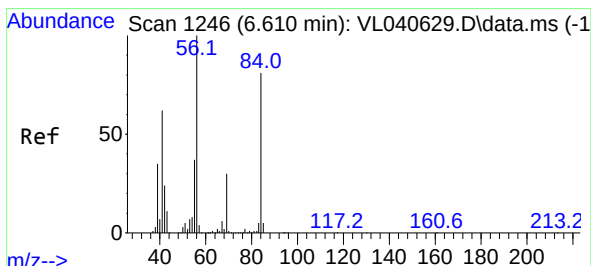
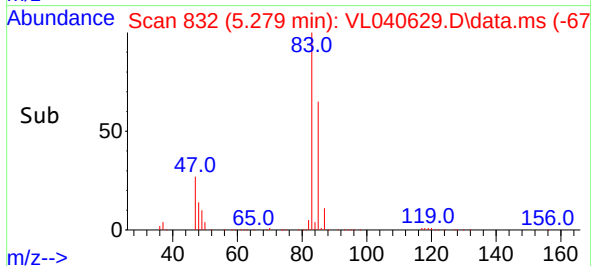
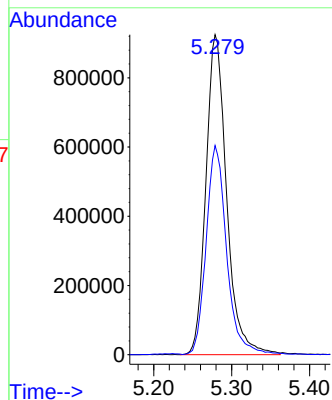
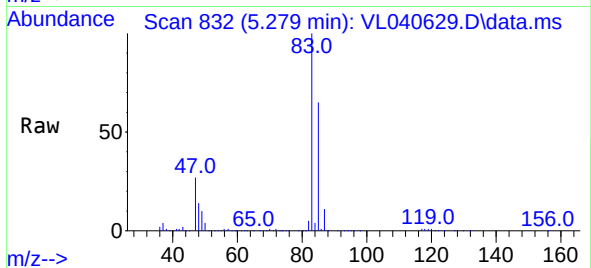
85 65.2 52.2 78.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#30

Cyclohexane

Concen: 9.760 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

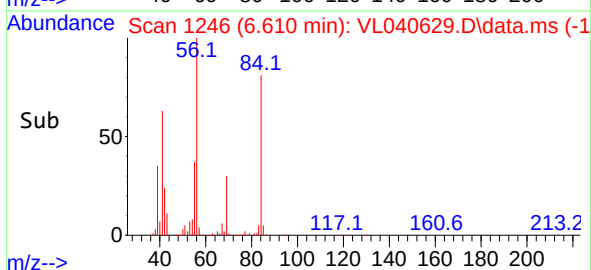
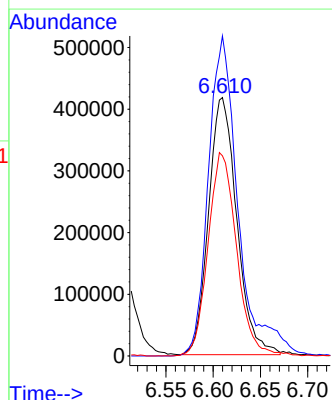
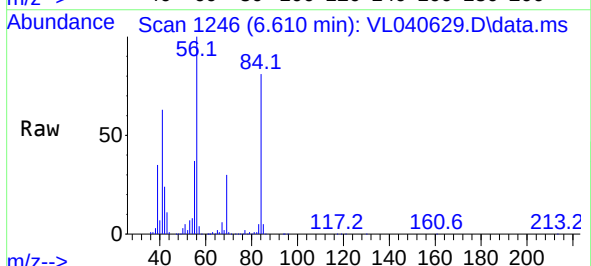
Tgt Ion: 84 Resp: 865875

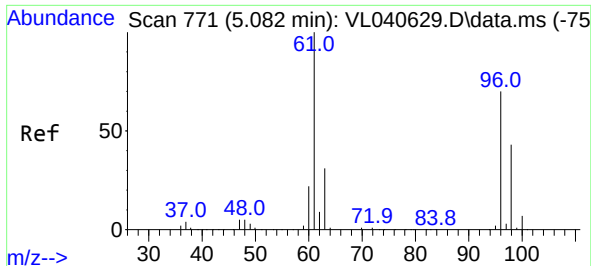
Ion Ratio Lower Upper

84 100

56 131.8 105.4 158.2

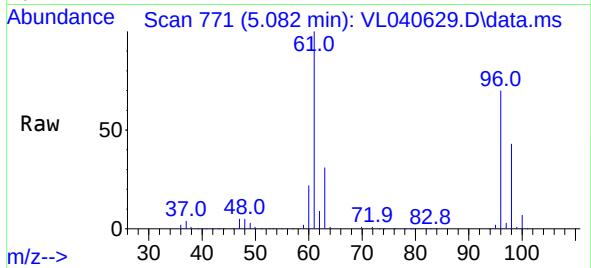
41 80.2 64.2 96.2





#31
 cis-1,2-Dichloroethene
 Concen: 9.597 ppbv
 RT: 5.082 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

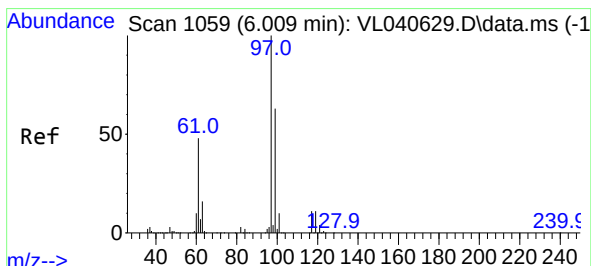
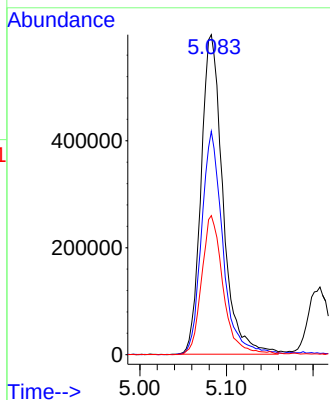
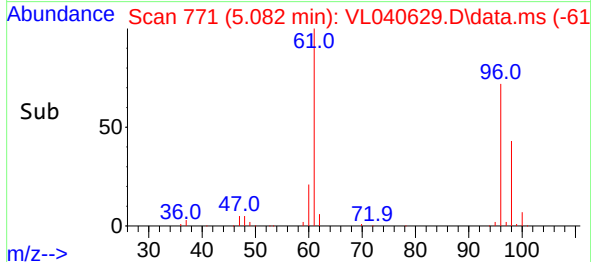
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



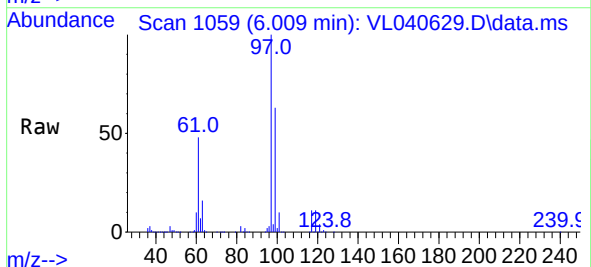
Tgt Ion: 61 Resp: 1048262
 Ion Ratio Lower Upper
 61 100
 96 69.7 55.8 83.6
 98 43.5 34.8 52.2

Manual Integrations
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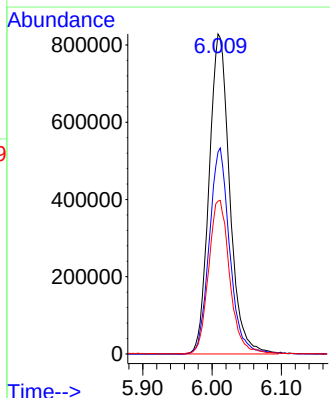
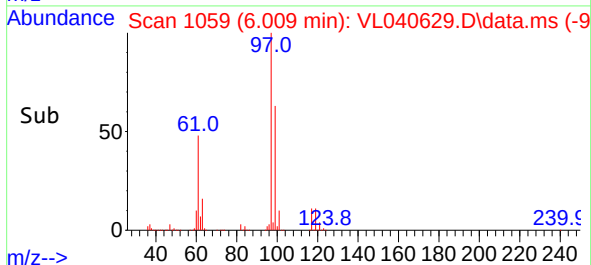
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

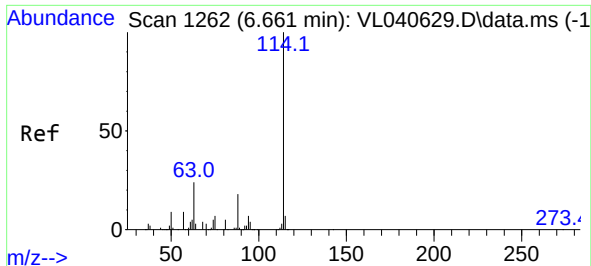


#32
 1,1,1-Trichloroethane
 Concen: 9.294 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16



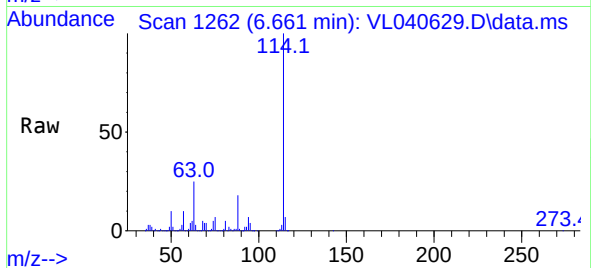
Tgt Ion: 97 Resp: 1708478
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.2 76.8
 61 49.6 39.7 59.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

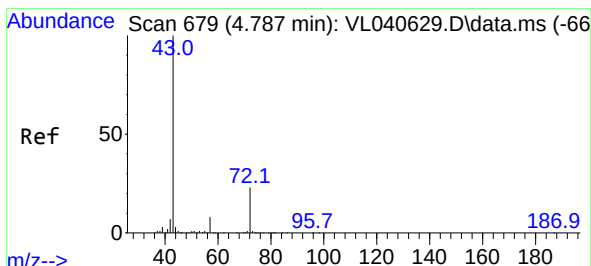
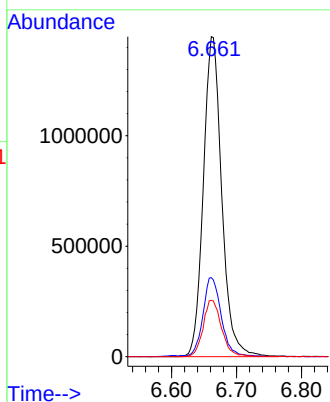
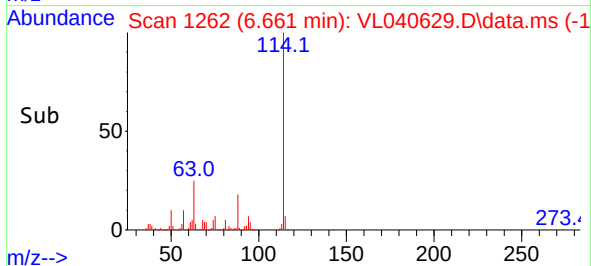
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



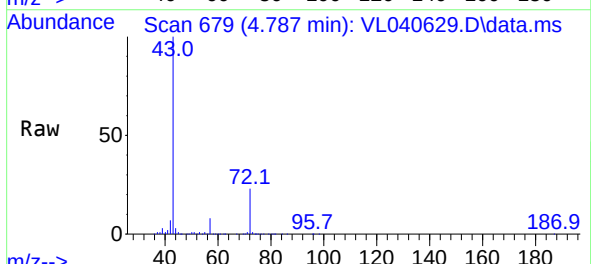
Tgt Ion:114 Resp: 285392
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.2
88 17.7 14.1 21.1

Manual Integrations
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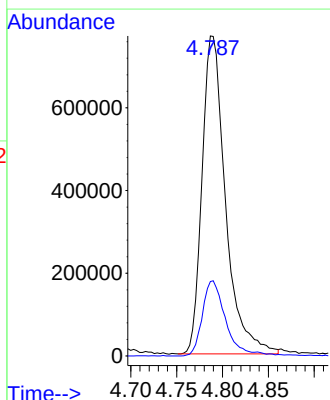
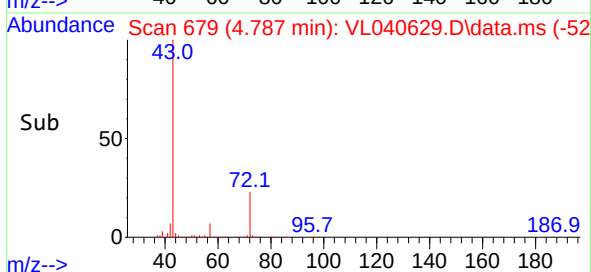
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

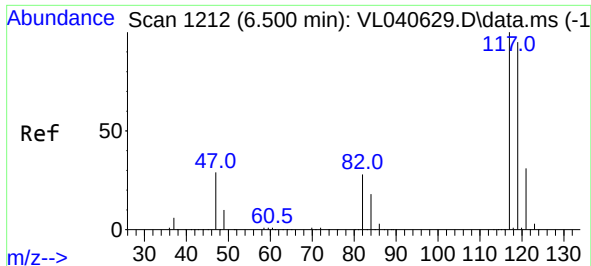


#34
2-Butanone
Concen: 9.539 ppbv
RT: 4.787 min Scan# 679
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



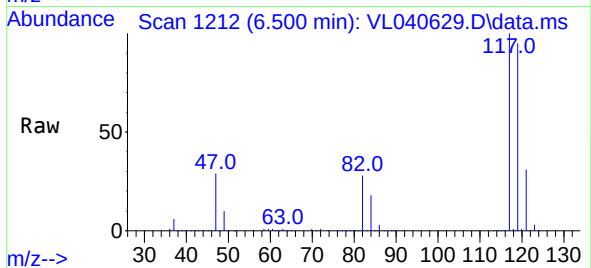
Tgt Ion: 43 Resp: 1372884
Ion Ratio Lower Upper
43 100
72 23.8 19.2 28.8





#35
Carbon Tetrachloride
Concen: 9.758 ppbv
RT: 6.500 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

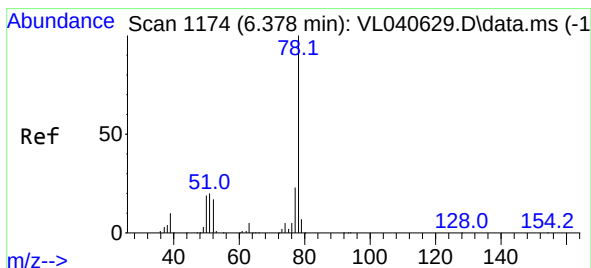
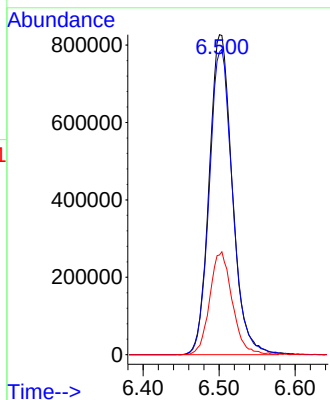
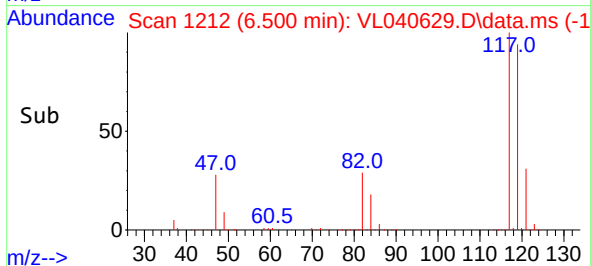
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



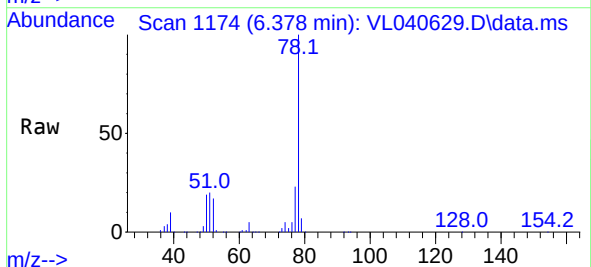
Tgt Ion:117 Resp: 1745980
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4
121 31.1 24.9 37.3

Manual Integrations
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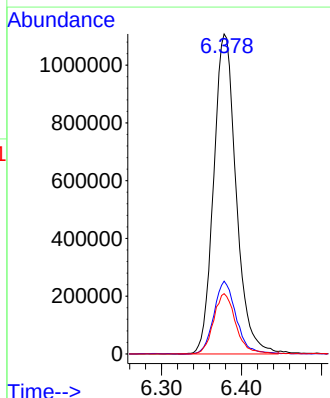
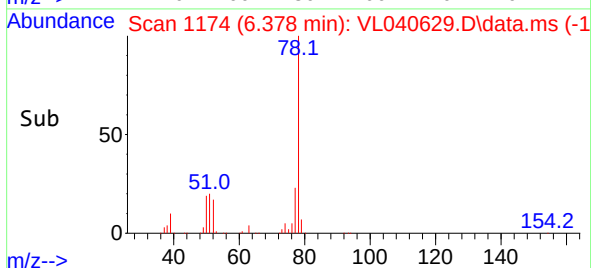
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

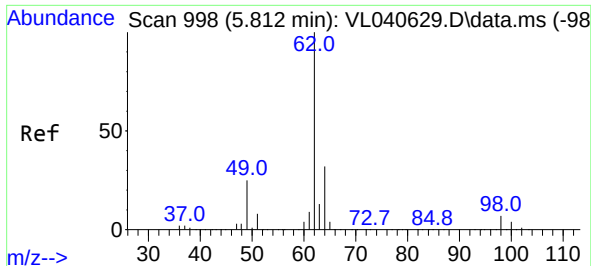


#36
Benzene
Concen: 9.515 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



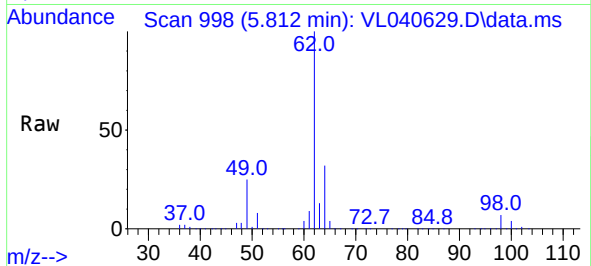
Tgt Ion: 78 Resp: 2160403
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2
50 18.8 15.0 22.6





#37
1,2-Dichloroethane
Concen: 9.395 ppbv
RT: 5.812 min Scan# 998
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

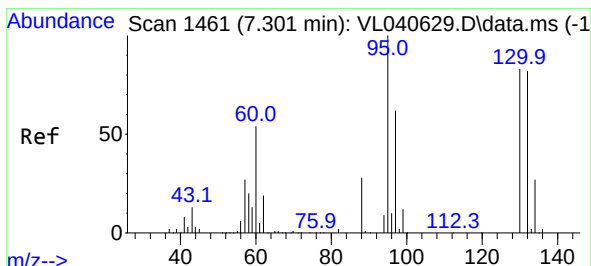
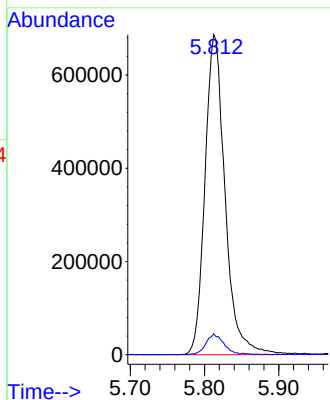
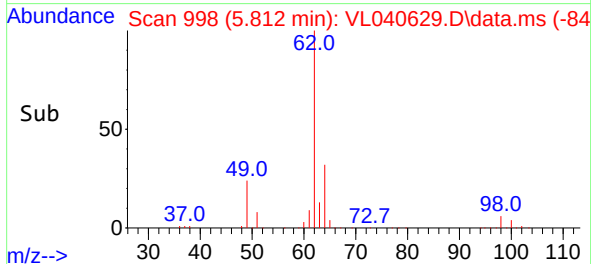
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



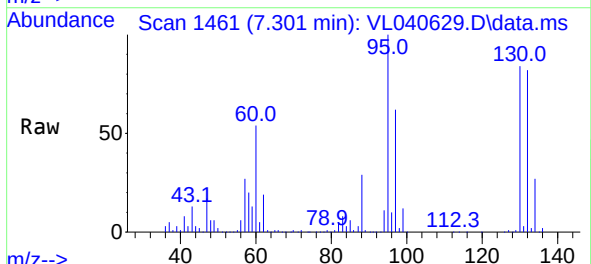
Tgt Ion: 62 Resp: 128646
Ion Ratio Lower Upper
62 100
98 6.1 4.9 7.3

Manual Integrations
APPROVED

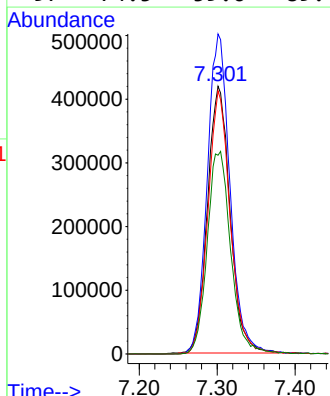
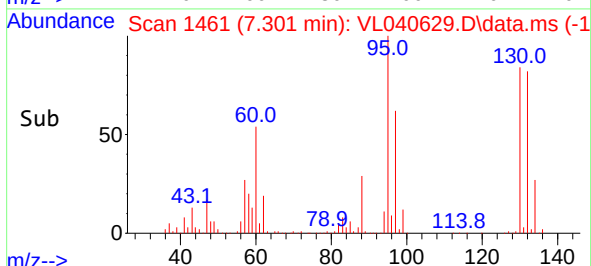
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

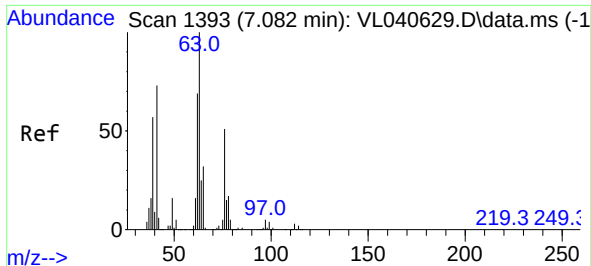


#38
Trichloroethene
Concen: 9.605 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



Tgt Ion:130 Resp: 847977
Ion Ratio Lower Upper
130 100
95 119.9 95.9 143.9
132 98.7 79.0 118.4
97 74.5 59.6 89.4





#39

1,2-Dichloropropane

Concen: 9.462 ppbv

RT: 7.082 min Scan# 1393

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

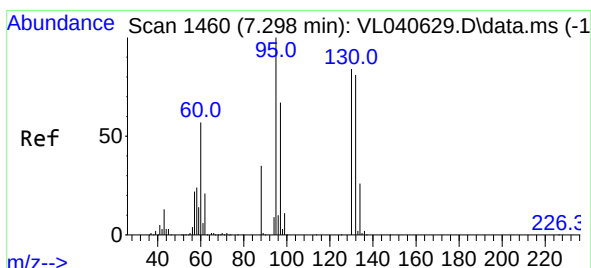
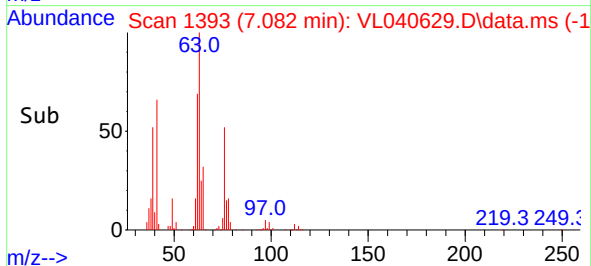
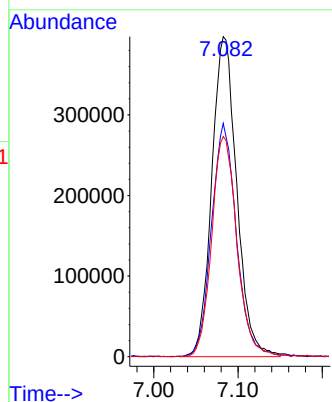
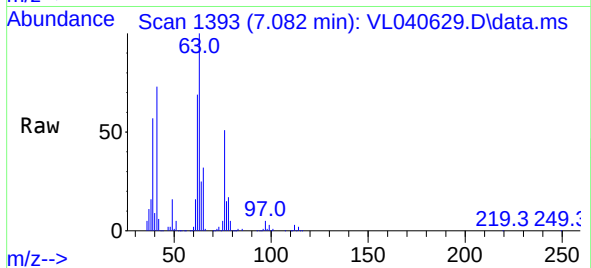
Tgt Ion: 63 Resp: 81729

Ion	Ratio	Lower	Upper
63	100		
41	72.7	58.2	87.2
62	68.7	55.0	82.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#40

1,4-Dioxane

Concen: 10.938 ppbv

RT: 7.298 min Scan# 1460

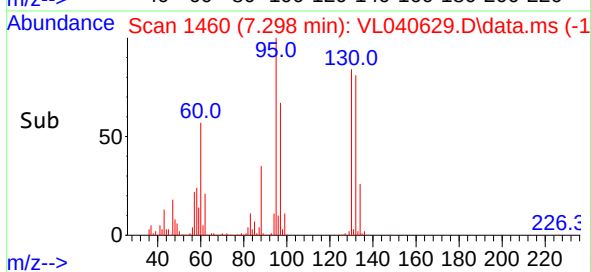
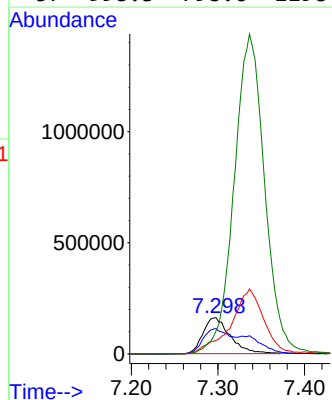
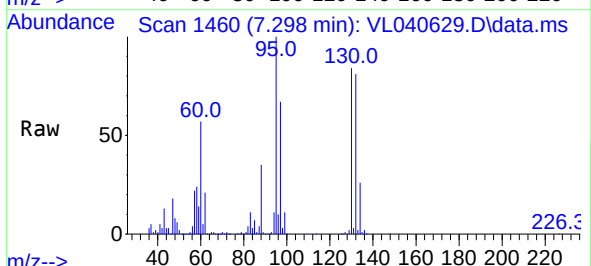
Delta R.T. 0.000 min

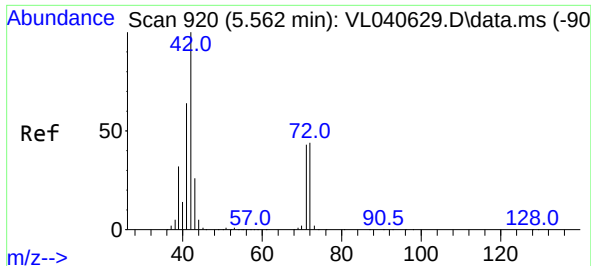
Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Tgt Ion: 88 Resp: 354720

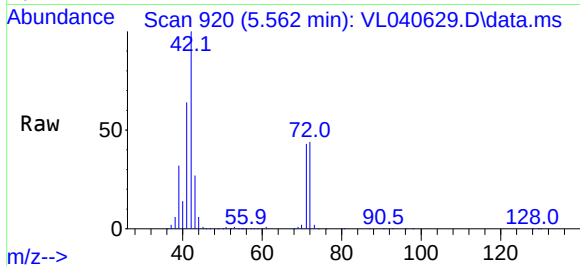
Ion	Ratio	Lower	Upper
88	100		
58	115.9	92.8	139.2
43	220.0	179.1	268.7
57	998.3	798.6	1198.0





#41
Tetrahydrofuran
Concen: 9.861 ppbv
RT: 5.562 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

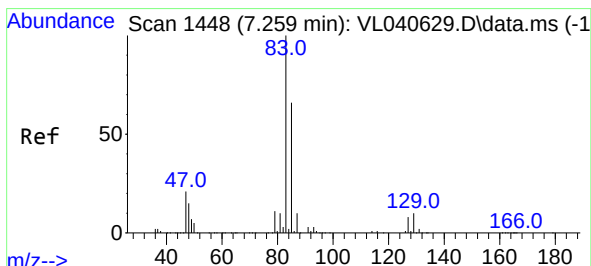
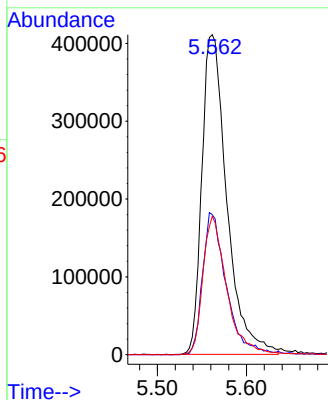
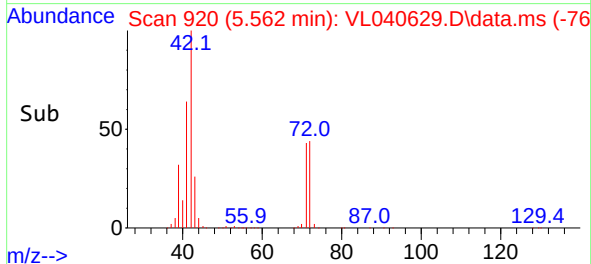
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



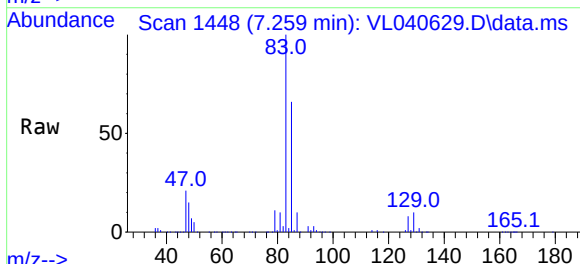
Tgt Ion: 42 Resp: 79861
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.4
71 41.6 33.4 50.0

Manual Integrations
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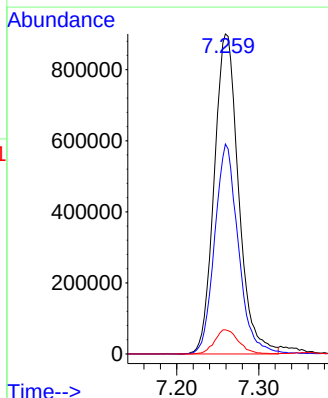
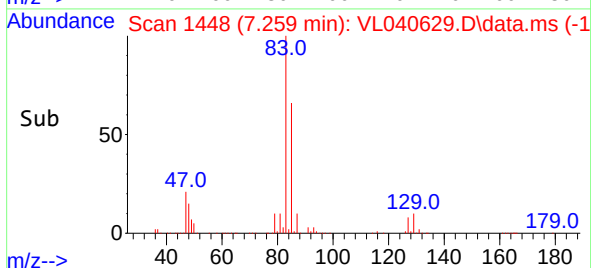
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

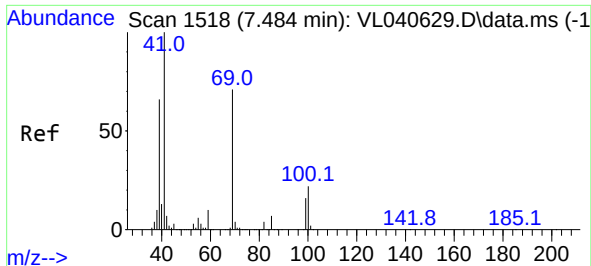


#42
Bromodichloromethane
Concen: 9.772 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



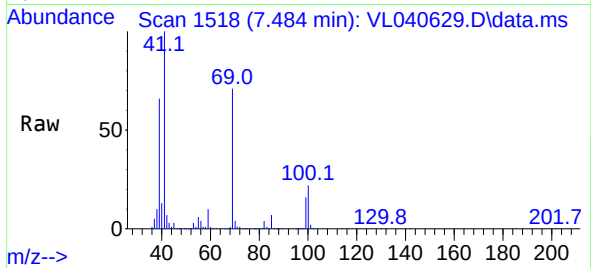
Tgt Ion: 83 Resp: 1862584
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7
127 7.6 6.1 9.1





#43
Methyl Methacrylate
Concen: 10.368 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

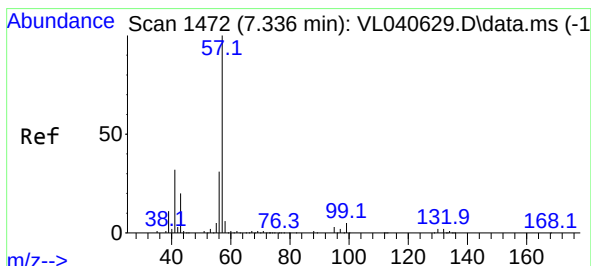
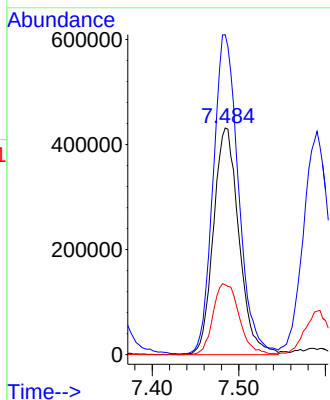
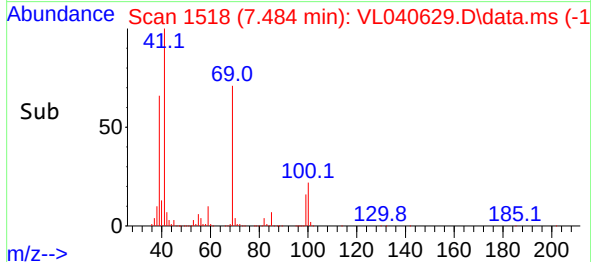
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



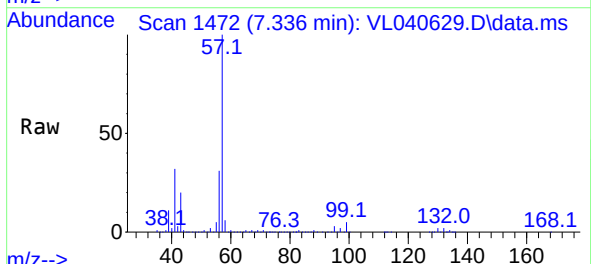
Tgt Ion: 69 Resp: 88098
Ion Ratio Lower Upper
69 100
41 140.0 111.8 167.8
100 32.2 25.8 38.6

Manual Integrations
APPROVED

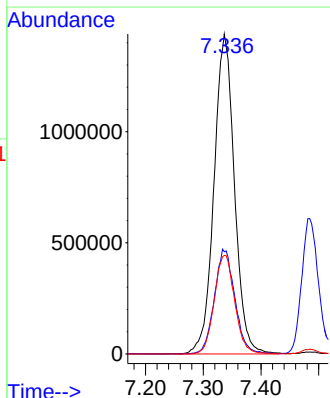
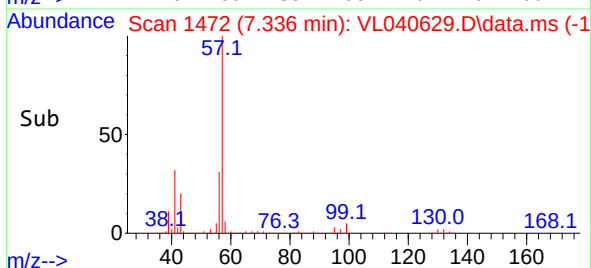
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

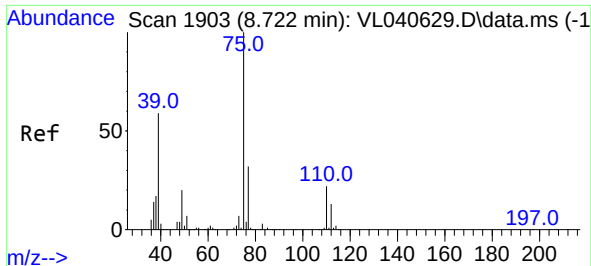


#44
2,2,4-Trimethylpentane
Concen: 9.642 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



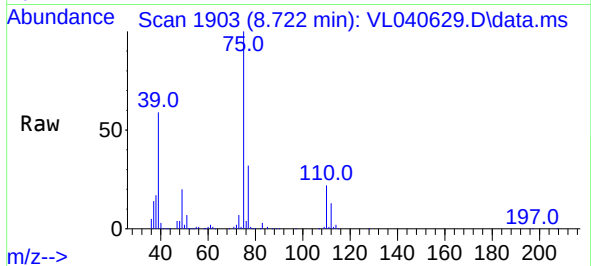
Tgt Ion: 57 Resp: 3538517
Ion Ratio Lower Upper
57 100
41 32.7 26.2 39.4
56 30.9 24.7 37.1





#45
 t-1,3-Dichloropropene
 Concen: 11.438 ppbv
 RT: 8.722 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

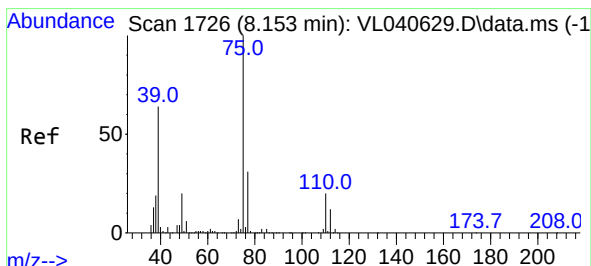
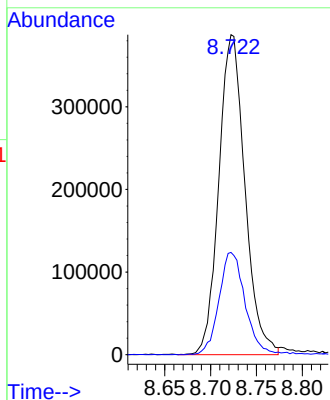
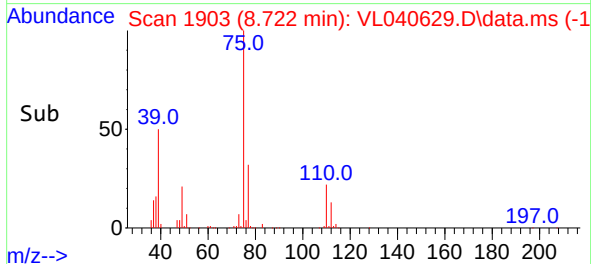
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



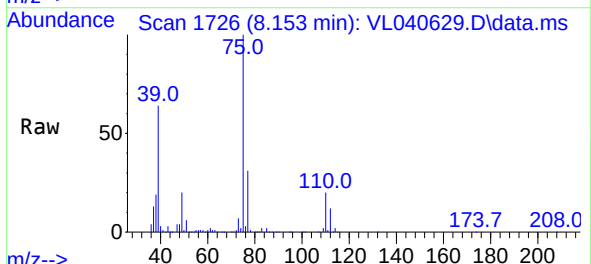
Tgt Ion: 75 Resp: 76639
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4

Manual Integrations
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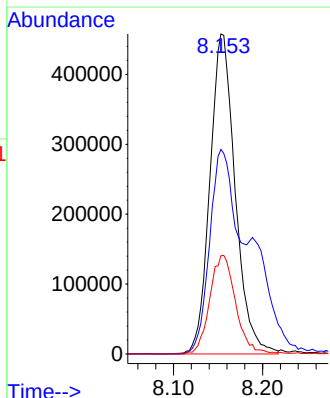
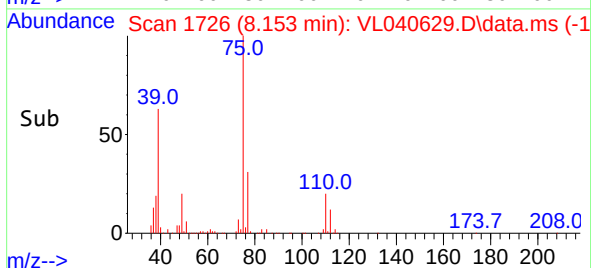
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

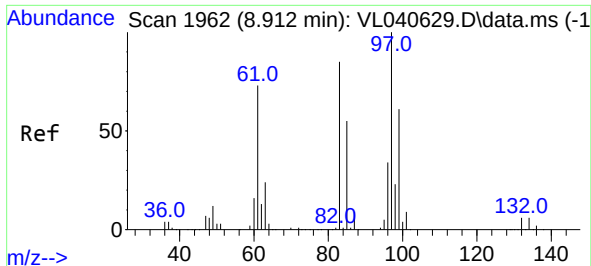


#46
 cis-1,3-Dichloropropene
 Concen: 10.939 ppbv
 RT: 8.153 min Scan# 1726
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16



Tgt Ion: 75 Resp: 902979
 Ion Ratio Lower Upper
 75 100
 39 63.7 51.0 76.4
 77 30.7 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 9.444 ppbv

RT: 8.912 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VL040629.D

Acq: 15 Aug 2023 10:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 92201

Ion Ratio Lower Upper

97 100

83 84.8 67.8 101.8

85 55.0 44.0 66.0

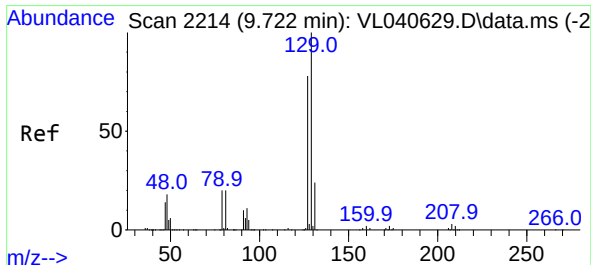
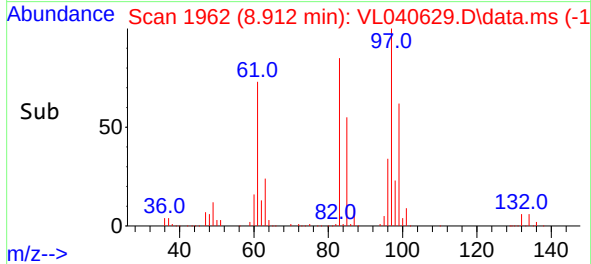
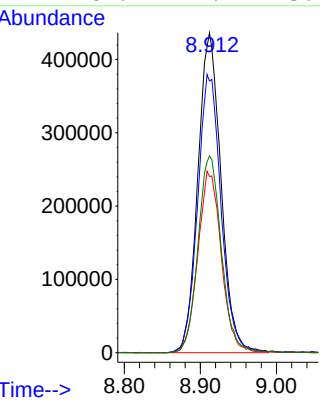
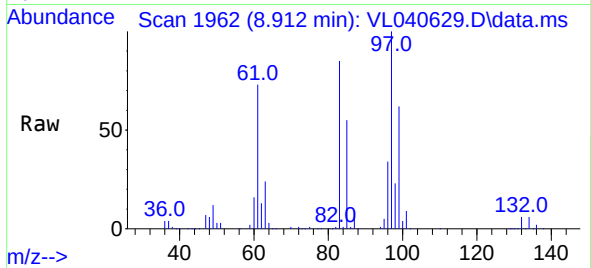
99 61.4 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#48

Dibromochloromethane

Concen: 10.164 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VL040629.D

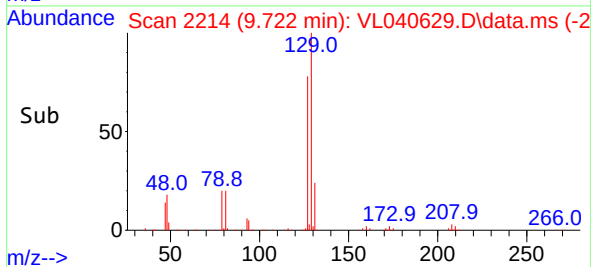
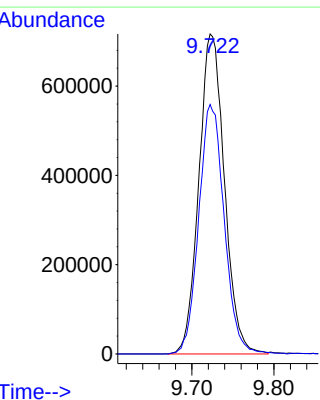
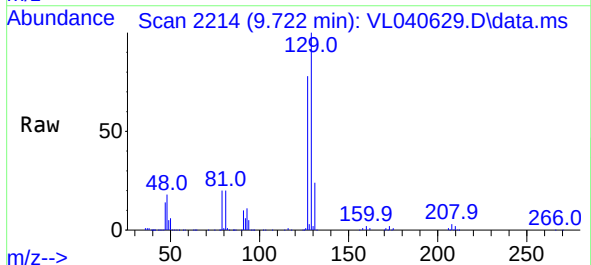
Acq: 15 Aug 2023 10:16

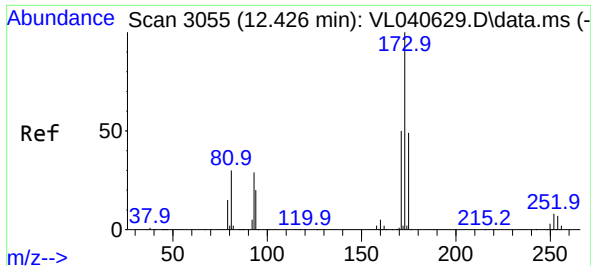
Tgt Ion:129 Resp: 1553068

Ion Ratio Lower Upper

129 100

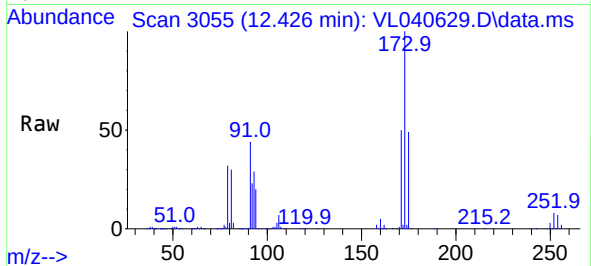
127 77.8 38.9 116.7





#49
Bromoform
Concen: 10.500 ppbv
RT: 12.426 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

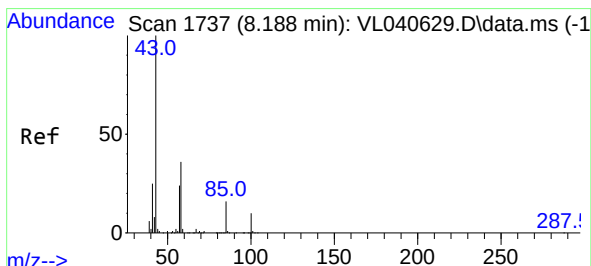
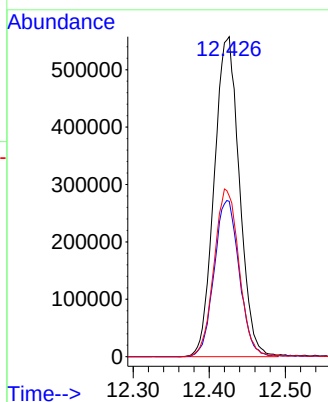
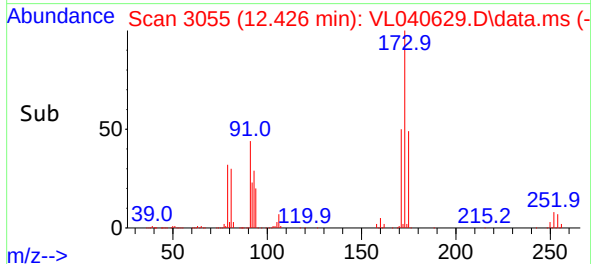
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



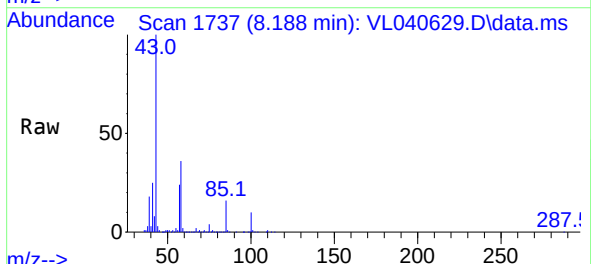
Tgt Ion:173 Resp: 128181
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
171 52.4 41.9 62.9

Manual Integrations
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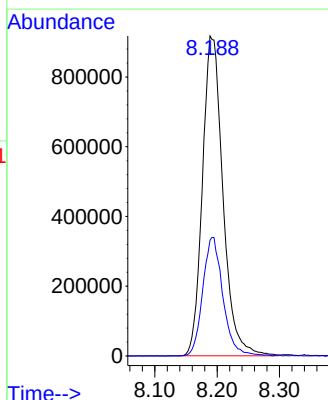
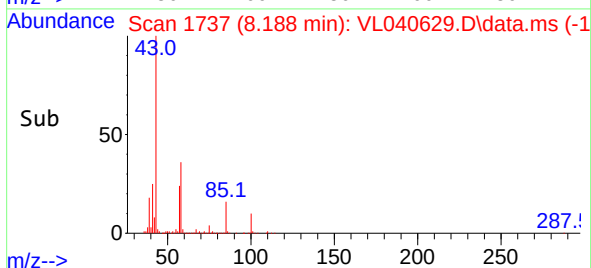
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

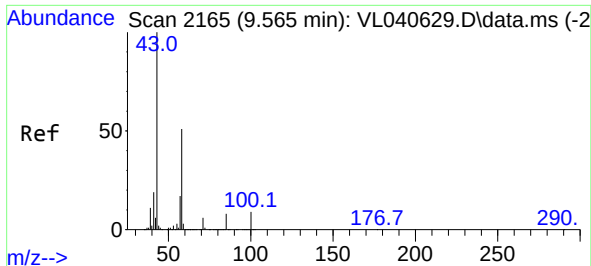


#50
4-Methyl-2-Pentanone
Concen: 9.970 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



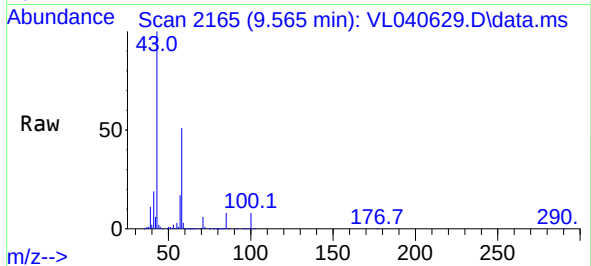
Tgt Ion: 43 Resp: 2099487
Ion Ratio Lower Upper
43 100
58 36.5 29.2 43.8





#51
2-Hexanone
Concen: 10.500 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

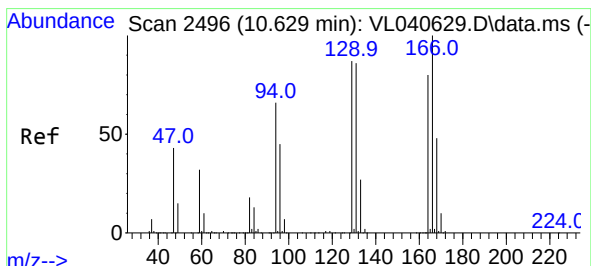
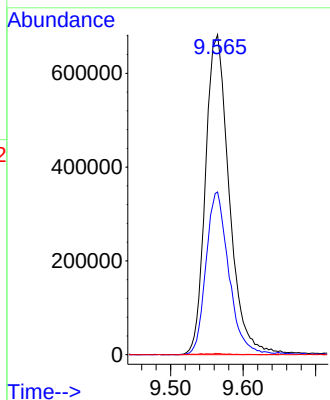
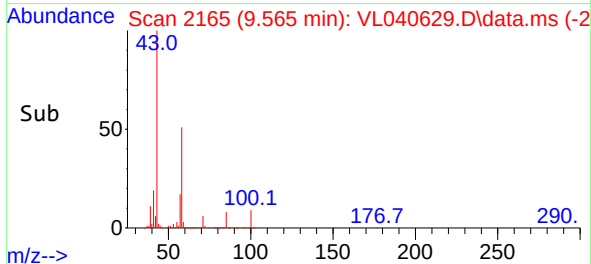


Tgt Ion: 43 Resp: 155028

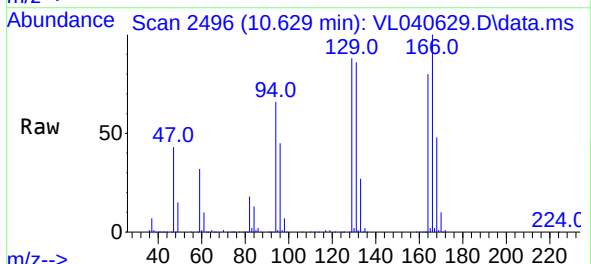
Ion	Ratio	Lower	Upper
43	100		
58	49.5	39.4	59.2
98	0.5	0.4	0.6

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Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

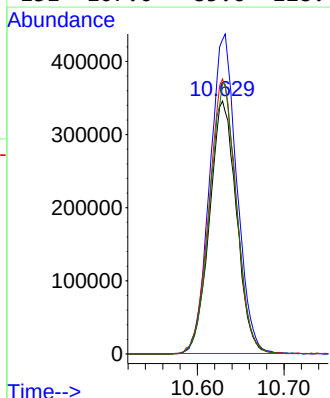
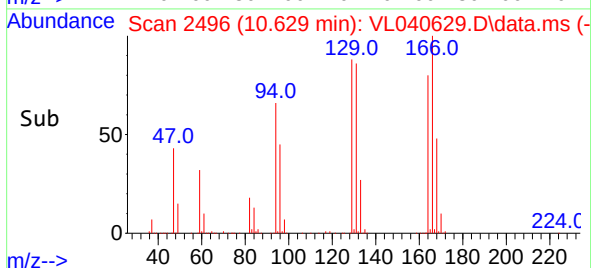


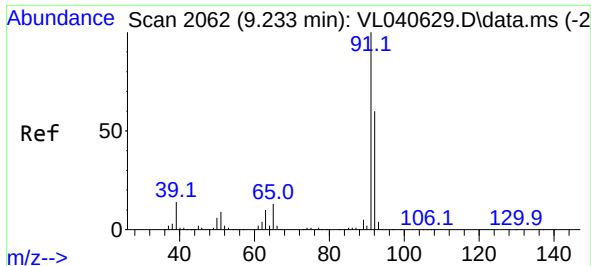
#52
Tetrachloroethene
Concen: 10.463 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



Tgt Ion:164 Resp: 743889

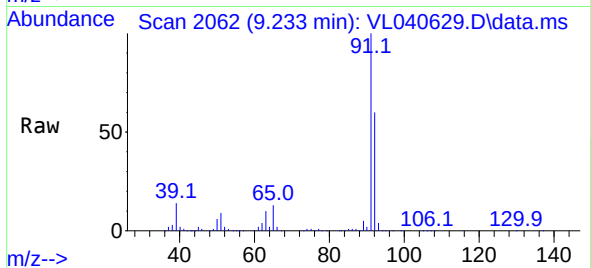
Ion	Ratio	Lower	Upper
164	100		
166	124.4	99.5	149.3
129	108.6	86.9	130.3
131	107.0	85.6	128.4





#53
Toluene
Concen: 10.395 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

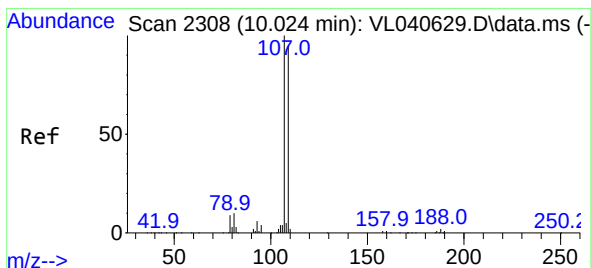
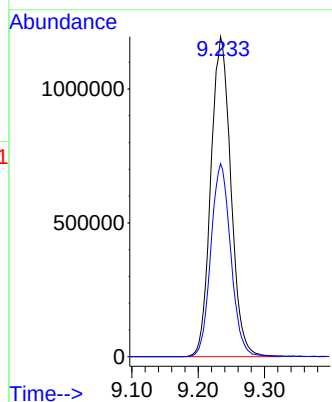
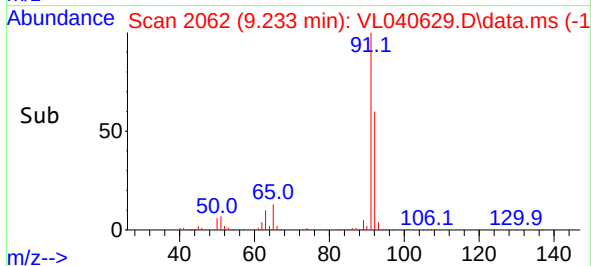
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



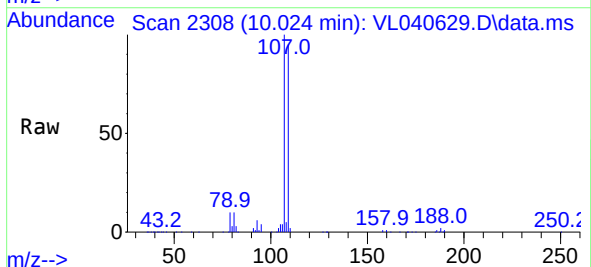
Tgt Ion: 91 Resp: 2508019
Ion Ratio Lower Upper
91 100
92 60.0 48.0 72.0

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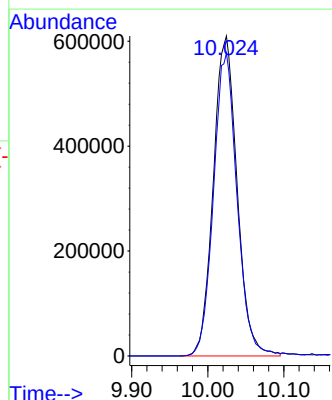
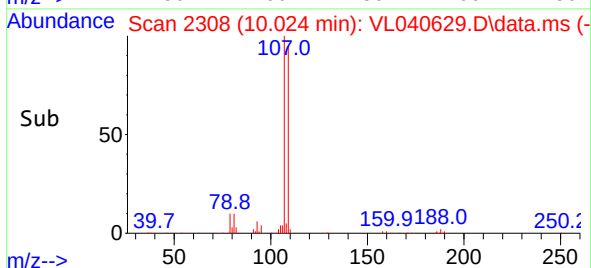
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

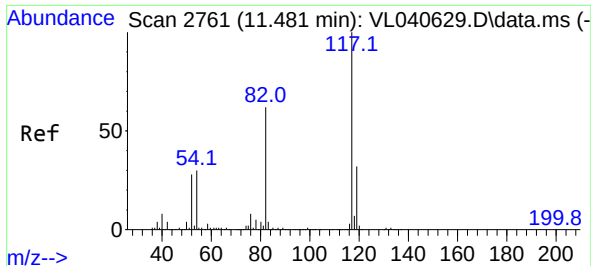


#54
1,2-Dibromoethane
Concen: 11.309 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



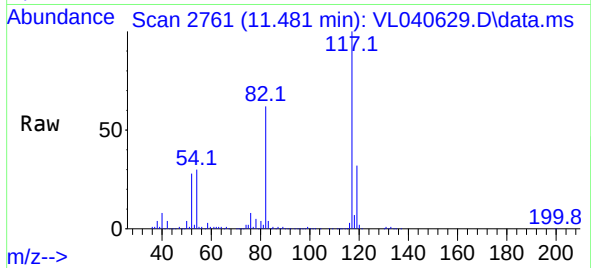
Tgt Ion:107 Resp: 1325120
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.481 min Scan# 2761
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

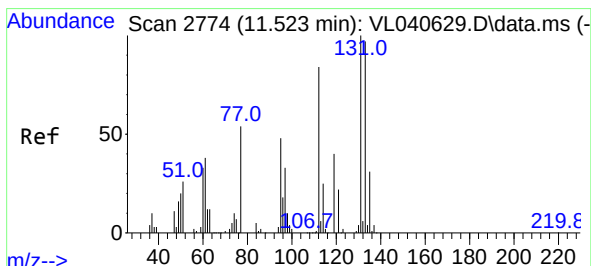
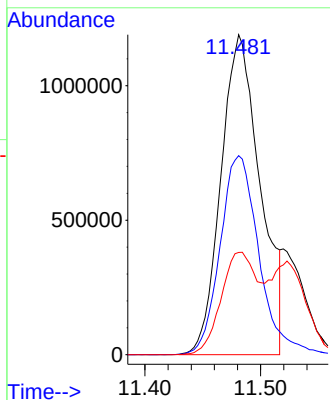
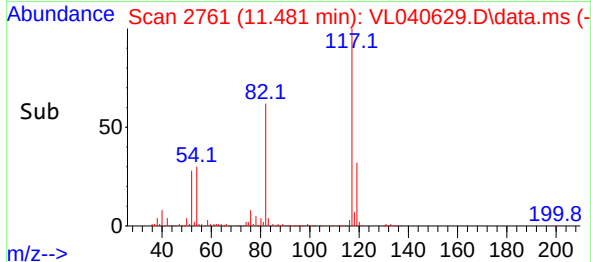
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



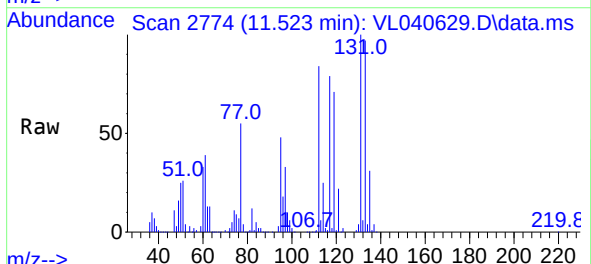
Tgt Ion:117 Resp: 2810789
Ion Ratio Lower Upper
117 100
82 61.9 49.5 74.3
119 30.6 24.5 36.7

Manual Integrations
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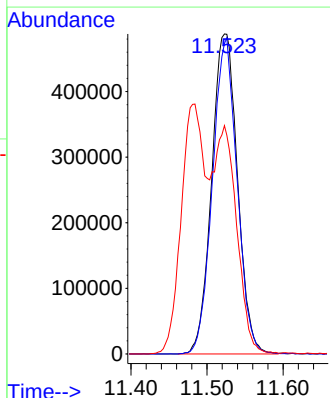
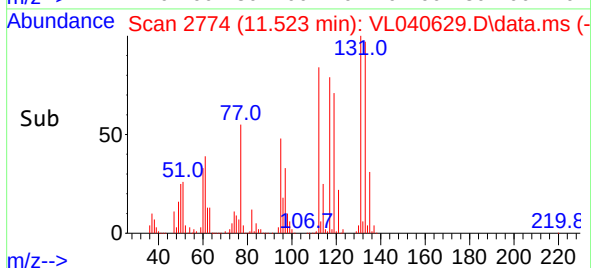
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

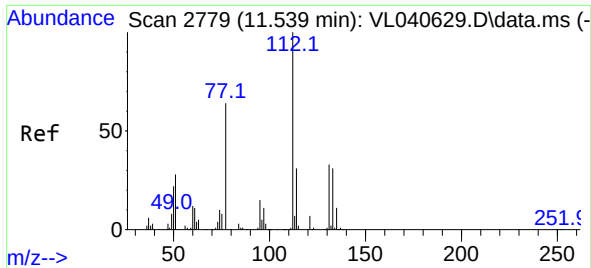


#56
1,1,1,2-Tetrachloroethane
Concen: 8.831 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



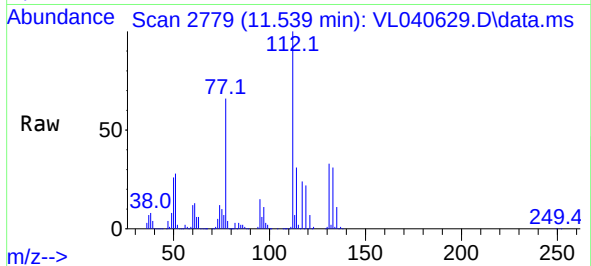
Tgt Ion:131 Resp: 1149522
Ion Ratio Lower Upper
131 100
133 94.2 75.4 113.0
119 72.8 51.0 76.6





#57
Chlorobenzene
Concen: 8.909 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

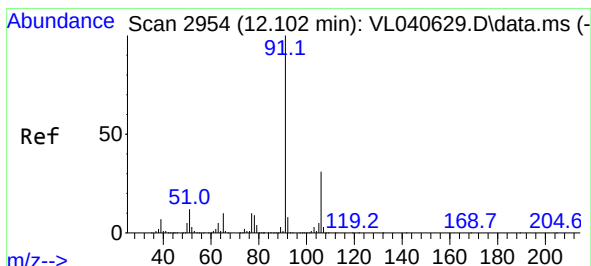
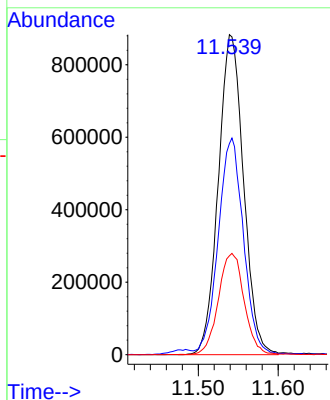
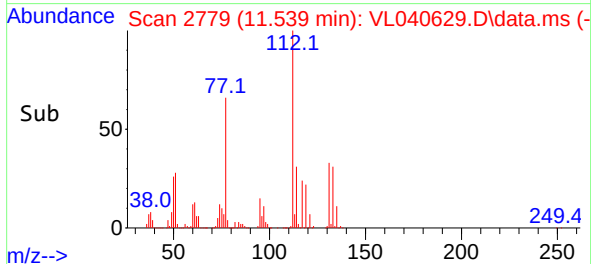
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



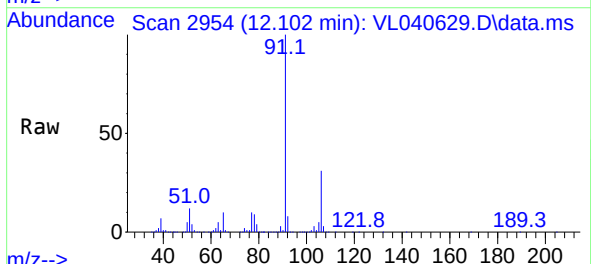
Tgt Ion:112 Resp: 1932684
Ion Ratio Lower Upper
112 100
77 65.6 52.5 78.7
114 30.9 27.8 34.0

Manual Integrations
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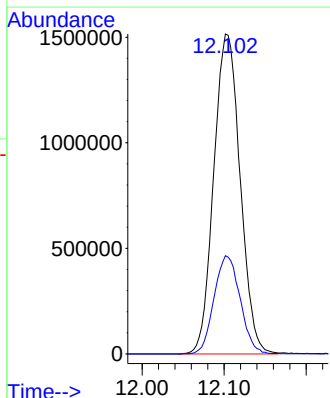
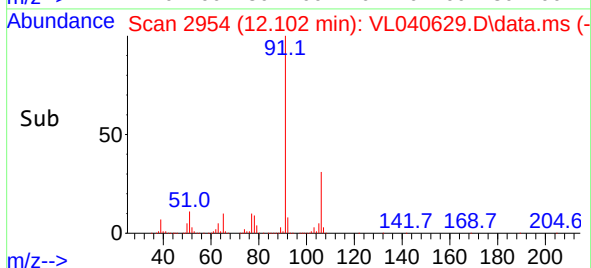
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

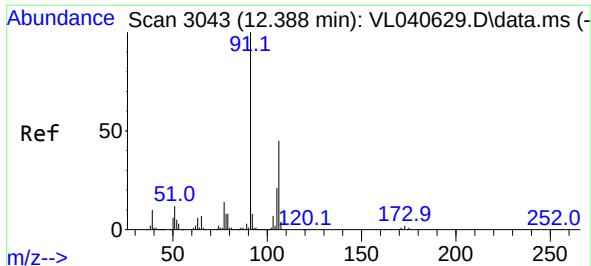


#58
Ethyl Benzene
Concen: 9.996 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



Tgt Ion: 91 Resp: 3388239
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8





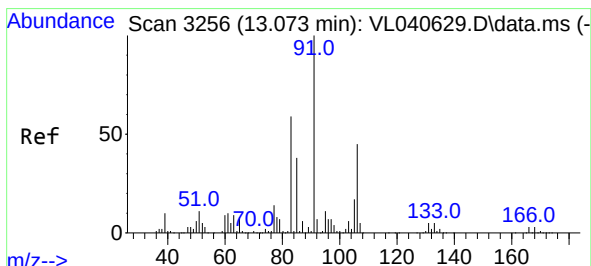
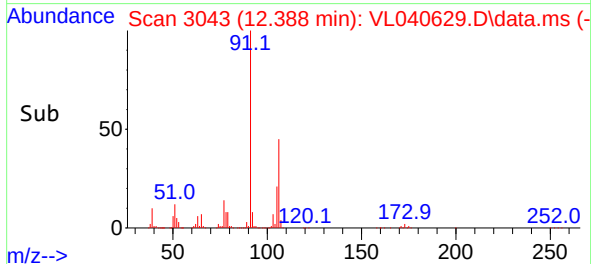
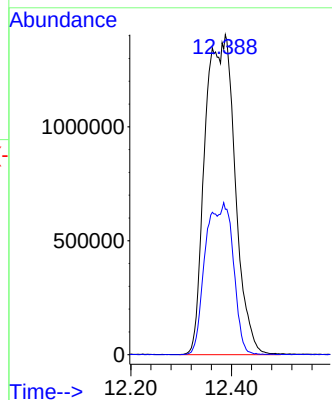
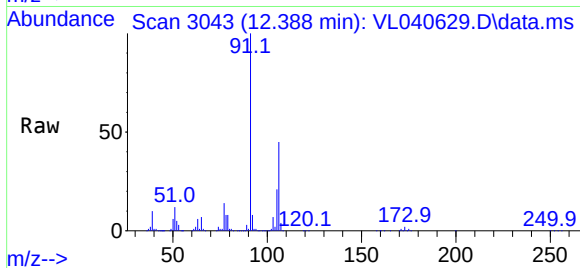
#59
m/p-Xylene
Concen: 18.790 ppbv m
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 580422
Ion Ratio Lower Upper
91 100
106 44.1 35.3 52.9

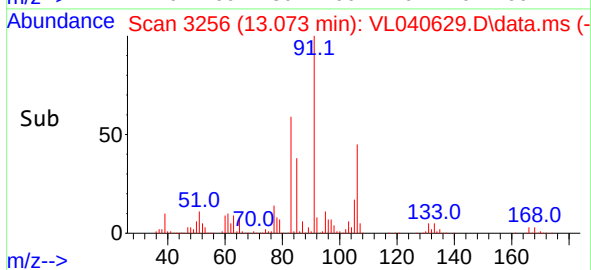
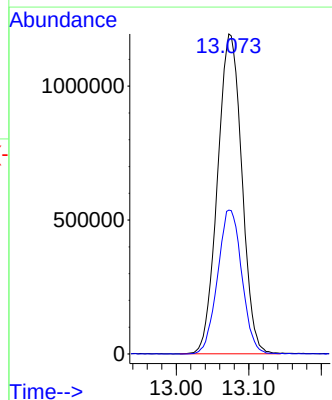
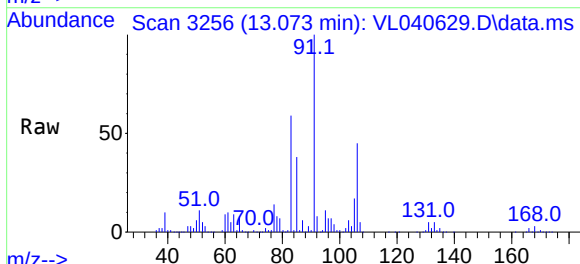
Manual Integrations
APPROVED

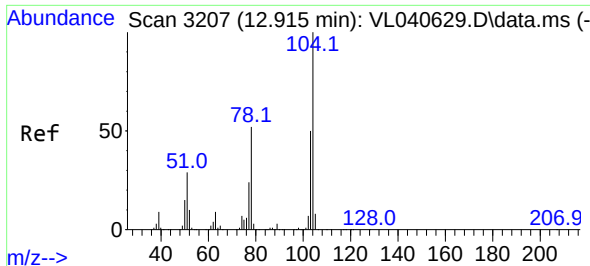
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#60
o-Xylene
Concen: 9.498 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

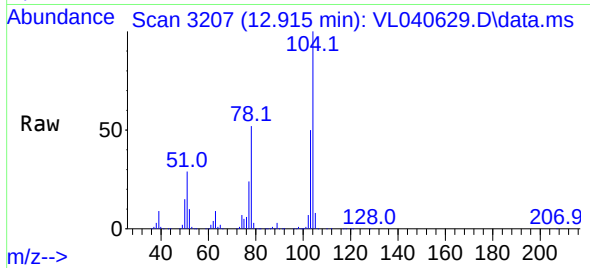
Tgt Ion: 91 Resp: 2783399
Ion Ratio Lower Upper
91 100
106 44.9 22.5 67.5





#61
Styrene
Concen: 11.156 ppbv
RT: 12.915 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

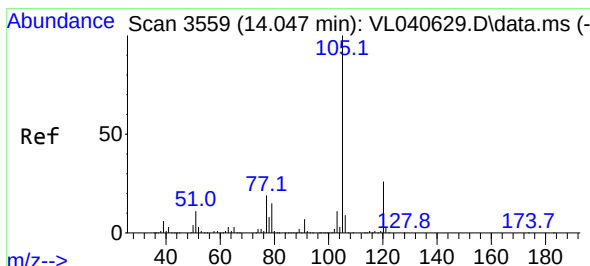
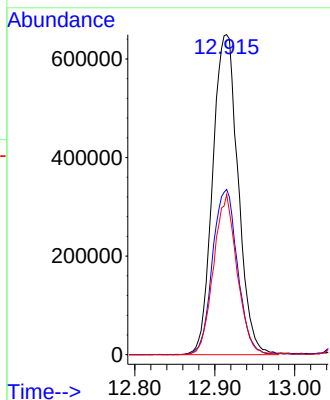
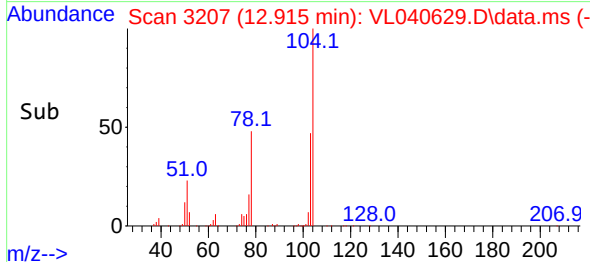
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



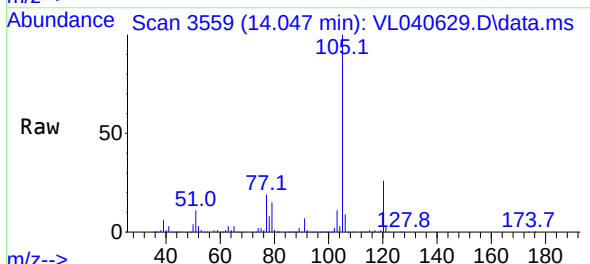
Tgt Ion:104 Resp: 143219
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 46.6 37.3 55.9

Manual Integrations
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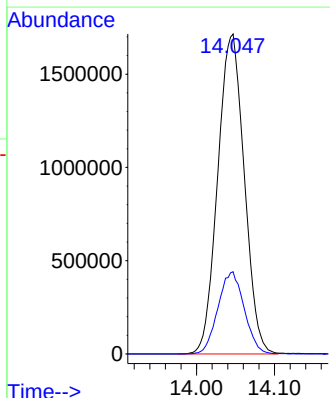
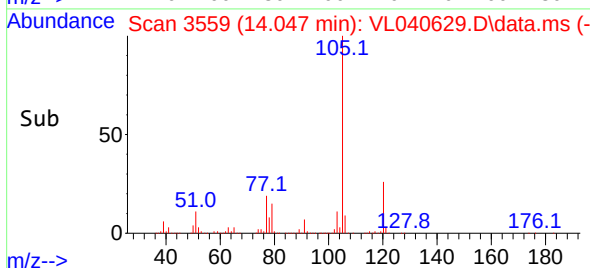
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

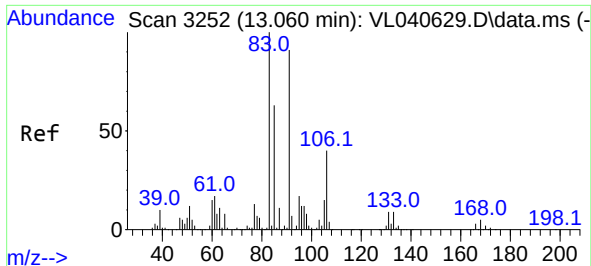


#62
Isopropylbenzene
Concen: 9.147 ppbv
RT: 14.047 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



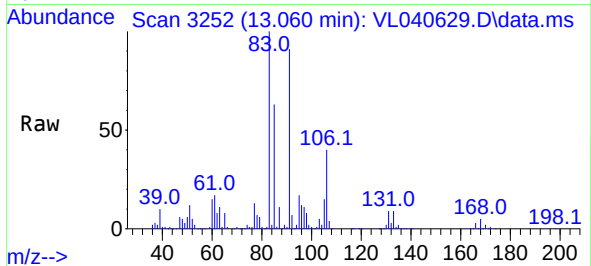
Tgt Ion:105 Resp: 4055858
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.045 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

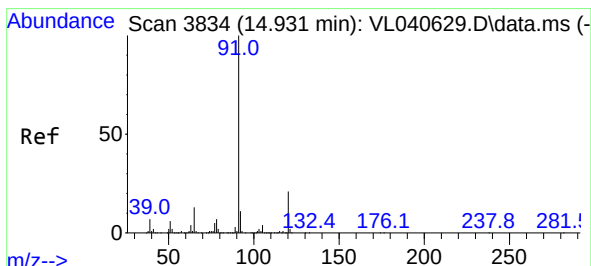
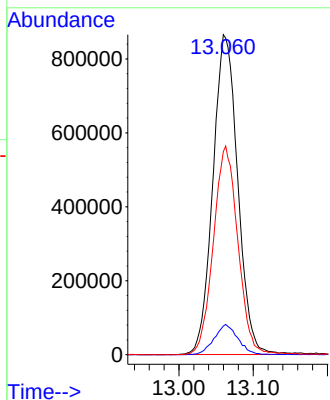
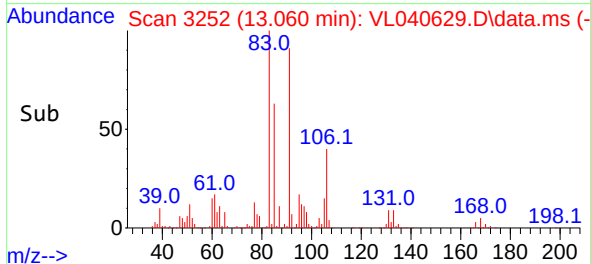
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



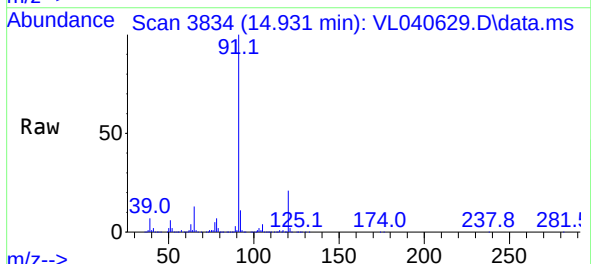
Tgt Ion: 83 Resp: 200898
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 64.9 32.4 97.2

Manual Integrations
APPROVED

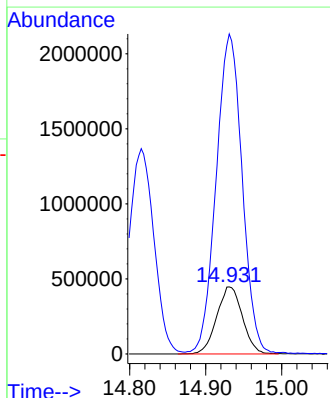
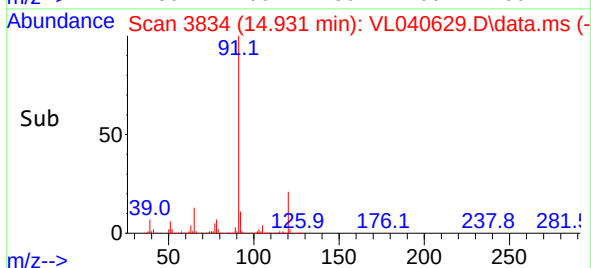
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

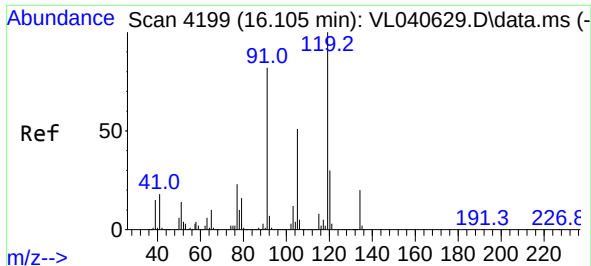


#64
n-propylbenzene
Concen: 9.360 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



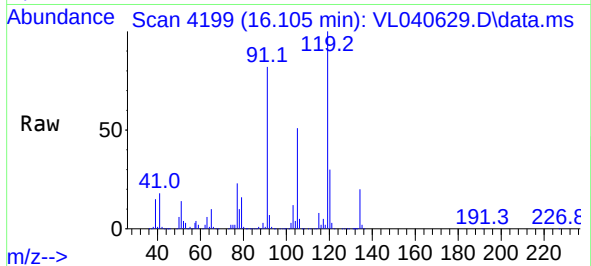
Tgt Ion:120 Resp: 1049258
Ion Ratio Lower Upper
120 100
91 482.8 387.8 581.8





#65
tert-Butylbenzene
Concen: 9.224 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

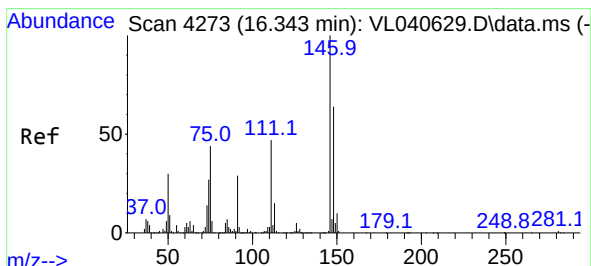
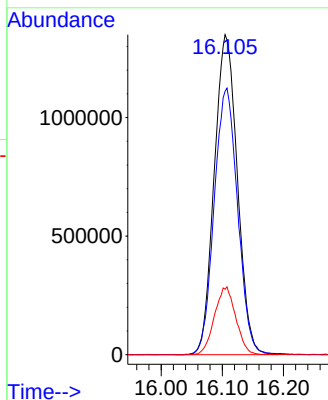
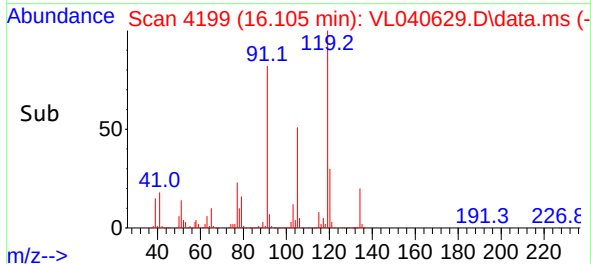
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



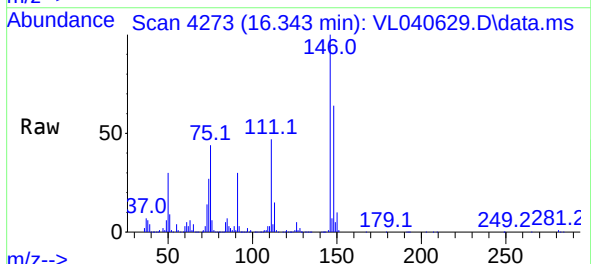
Tgt Ion: 119 Resp: 354564
Ion Ratio Lower Upper
119 100
91 84.7 67.8 101.6
134 19.6 15.7 23.5

Manual Integrations
APPROVED

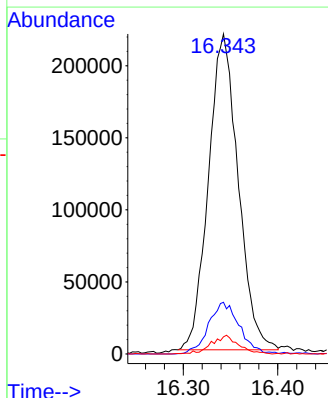
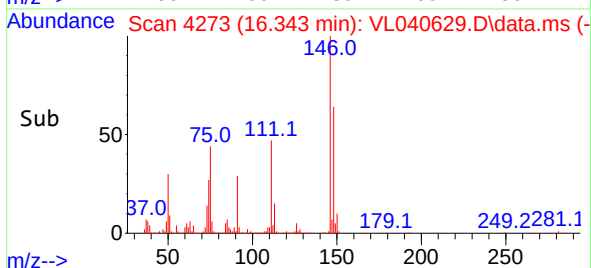
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

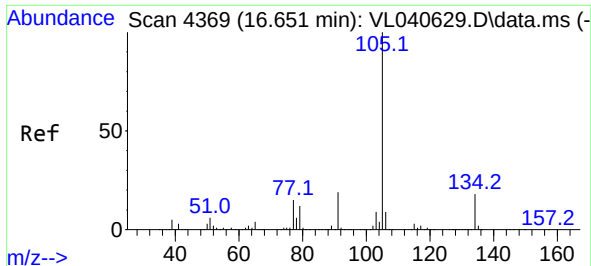


#66
Benzyl Chloride
Concen: 9.999 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



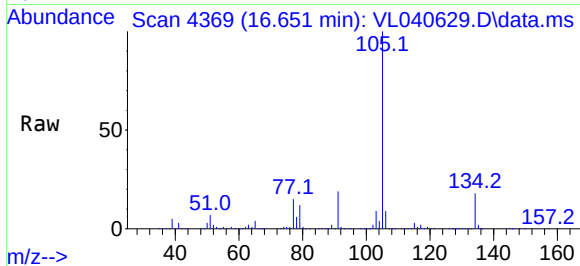
Tgt Ion: 91 Resp: 479773
Ion Ratio Lower Upper
91 100
126 17.0 13.6 20.4
128 5.4 4.3 6.5





#67
sec-Butylbenzene
Concen: 9.087 ppbv
RT: 16.651 min Scan# 4369
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

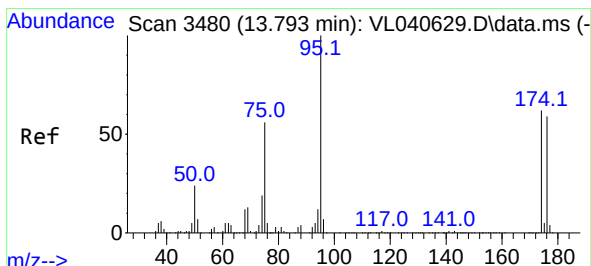
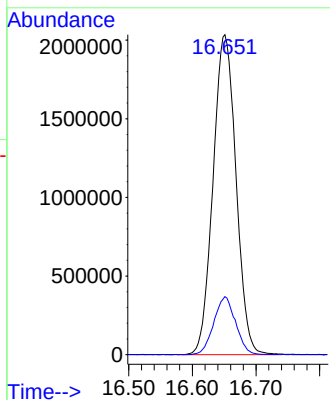
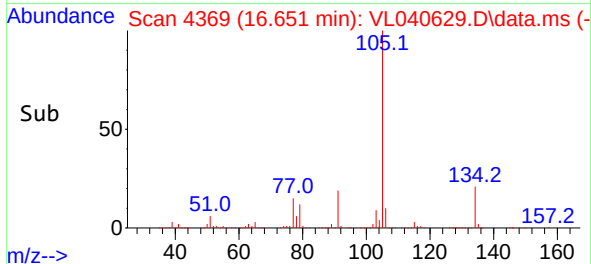
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



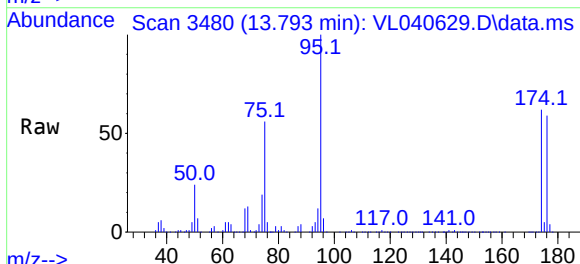
Tgt Ion:105 Resp: 5096000
Ion Ratio Lower Upper
105 100
134 17.3 13.8 20.8

Manual Integrations
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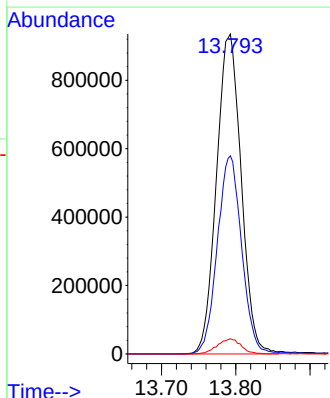
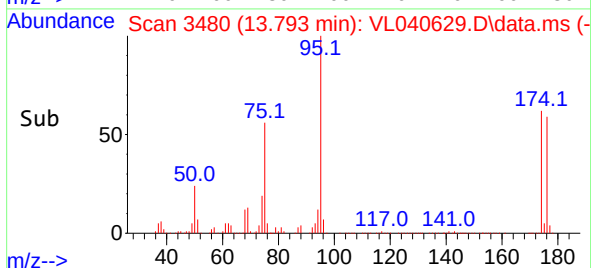
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

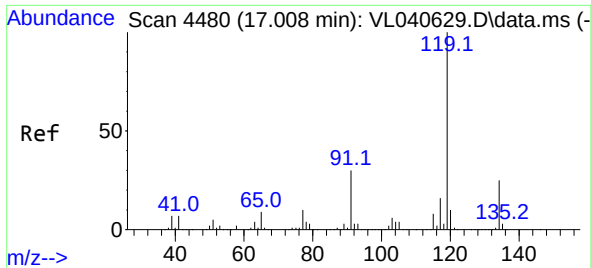


#68
1-Bromo-4-Fluorobenzene
Concen: 9.671 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



Tgt Ion: 95 Resp: 2161864
Ion Ratio Lower Upper
95 100
174 61.1 49.1 73.7
175 4.6 3.7 5.5





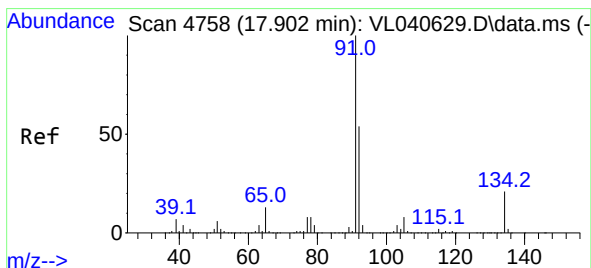
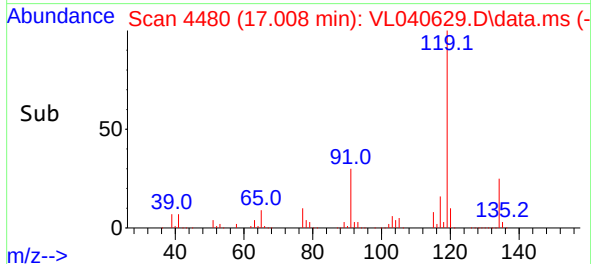
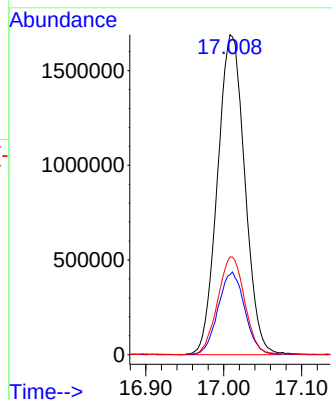
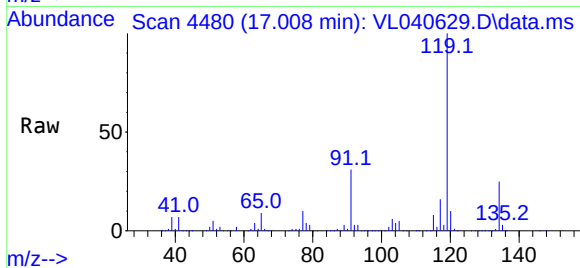
#69
p-Isopropyltoluene
Concen: 9.365 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 410945
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.4
91 30.3 24.2 36.4

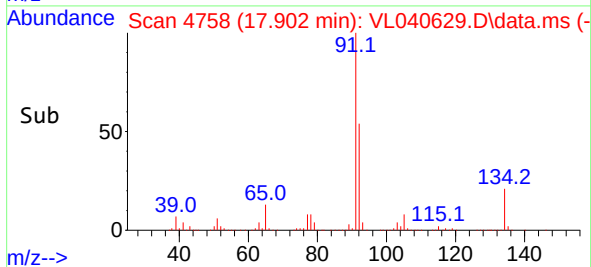
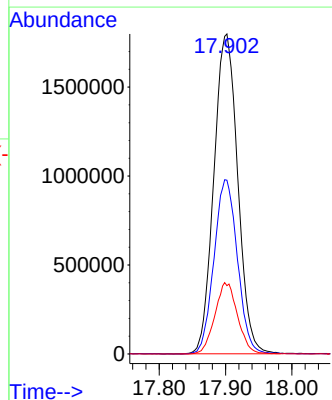
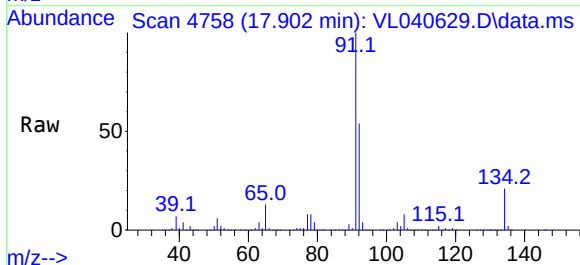
Manual Integrations
APPROVED

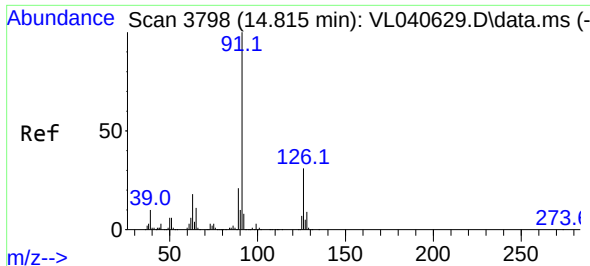
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#70
n-Butylbenzene
Concen: 9.390 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Tgt Ion: 91 Resp: 4498648
Ion Ratio Lower Upper
91 100
92 53.6 42.9 64.3
134 21.3 17.0 25.6





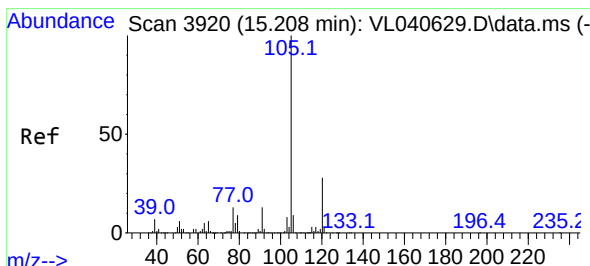
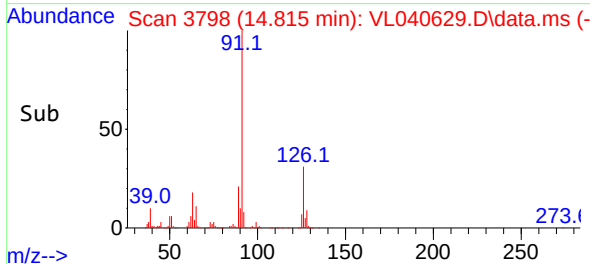
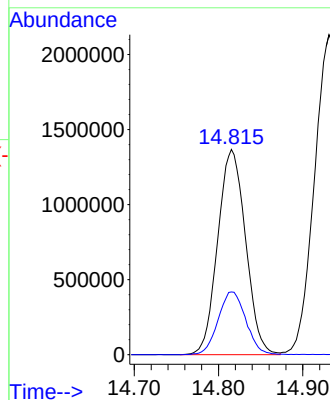
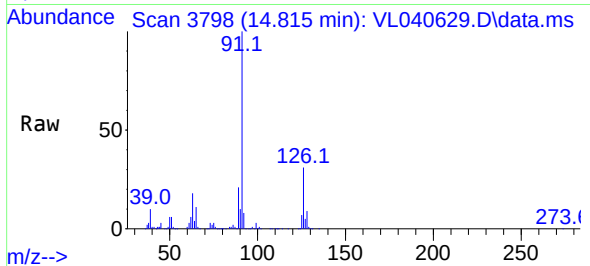
#71
2-Chlorotoluene
Concen: 9.535 ppbv
RT: 14.815 min Scan# 3137689
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3137689
Ion Ratio Lower Upper
91 100
126 30.6 12.2 49.0

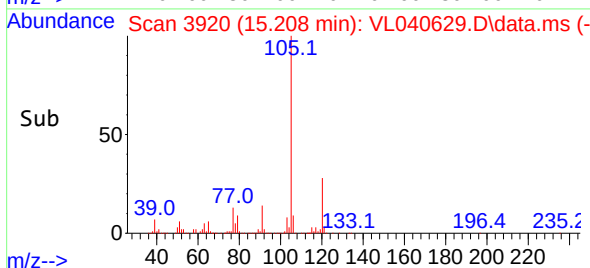
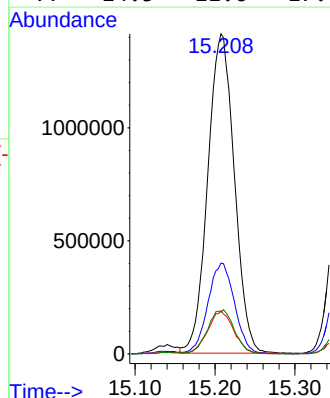
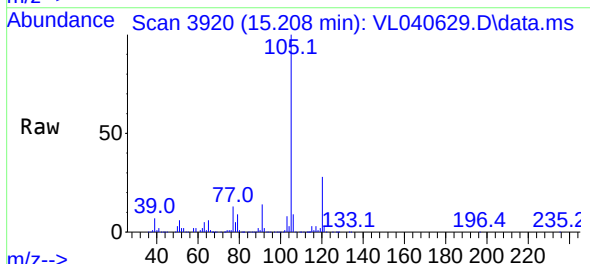
Manual Integrations
APPROVED

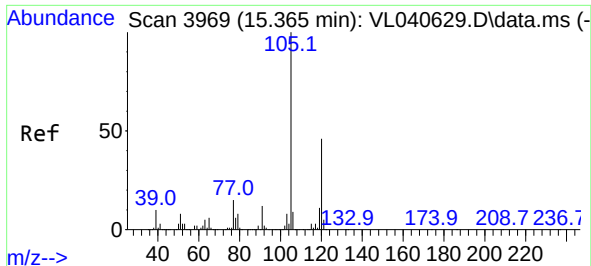
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#72
4-Ethyltoluene
Concen: 9.853 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

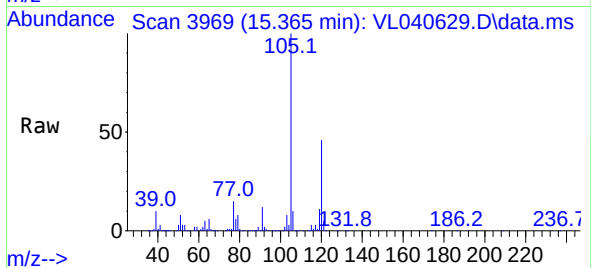
Tgt Ion:105 Resp: 3259756
Ion Ratio Lower Upper
105 100
120 28.7 23.0 34.6
91 13.8 10.9 16.3
77 14.5 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 9.416 ppbv
RT: 15.365 min Scan# 3969
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

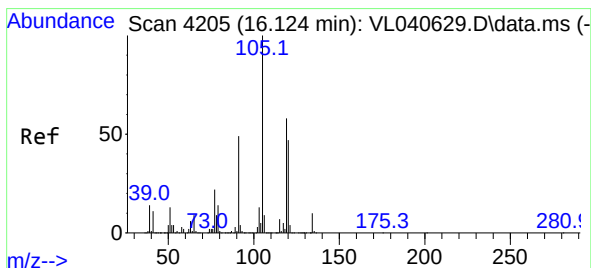
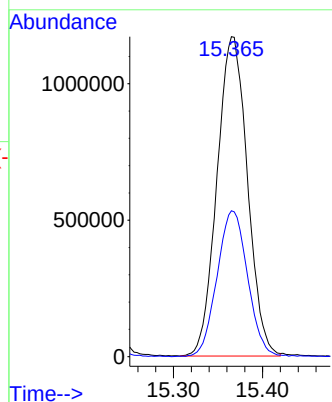
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



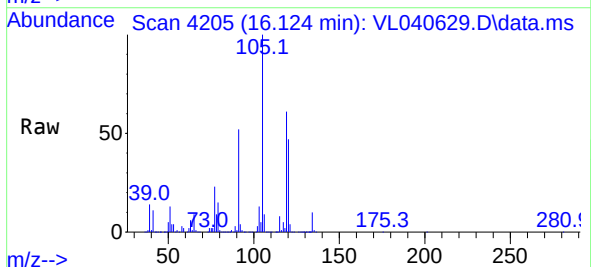
Tgt Ion:105 Resp: 2777938
Ion Ratio Lower Upper
105 100
120 45.6 36.5 54.7

Manual Integrations
APPROVED

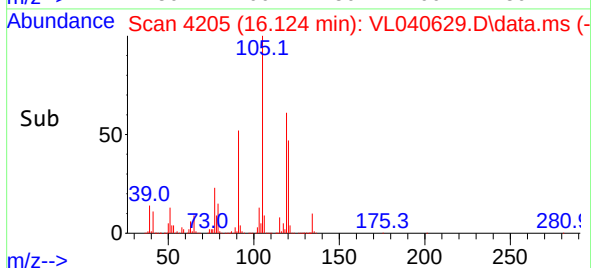
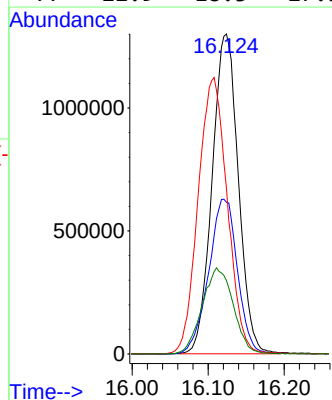
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

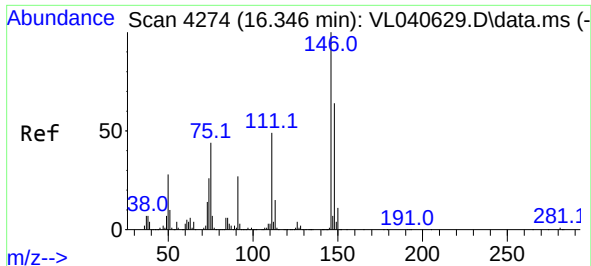


#74
1,2,4-Trimethylbenzene
Concen: 9.019 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



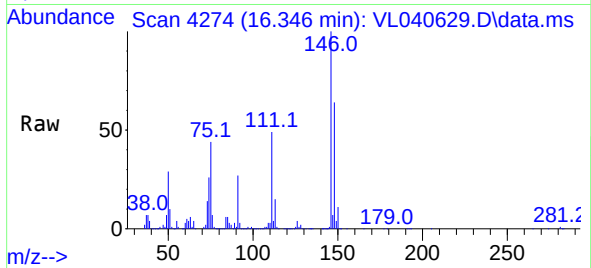
Tgt Ion:105 Resp: 3114887
Ion Ratio Lower Upper
105 100
120 47.1 37.7 56.5
91 51.5 41.2 61.8
77 22.9 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 9.145 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

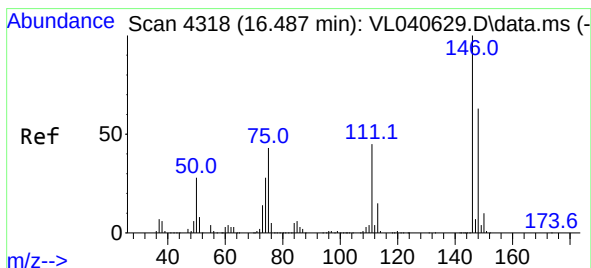
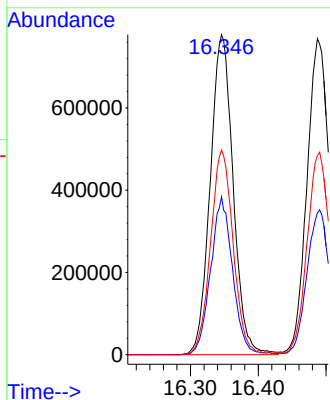
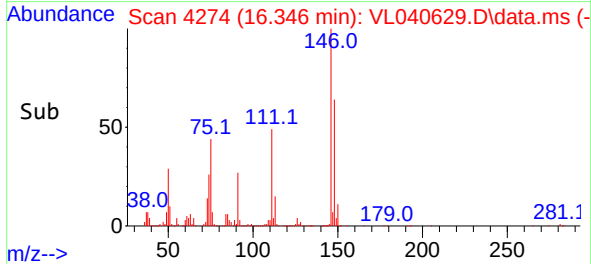
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



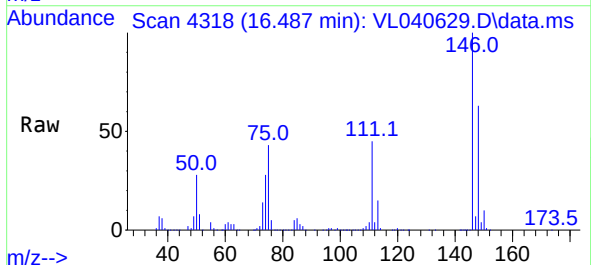
Tgt Ion:146 Resp: 1822799
Ion Ratio Lower Upper
146 100
111 47.3 23.7 71.1
148 63.5 31.7 95.1

Manual Integrations
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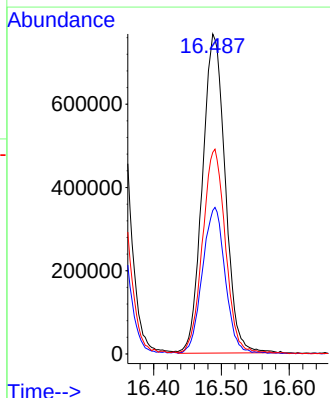
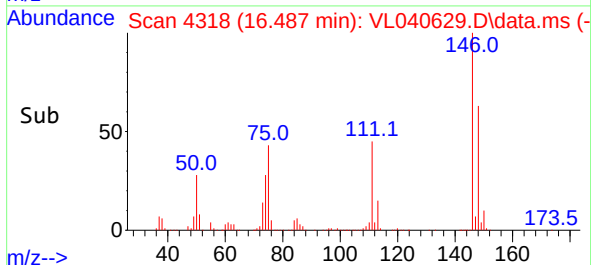
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

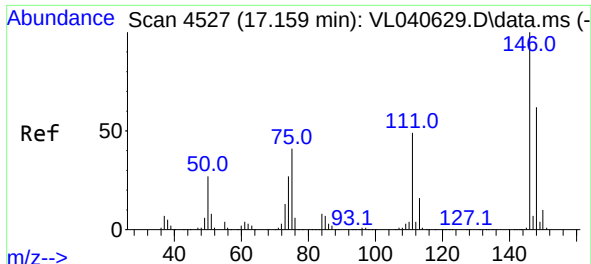


#76
1,4-Dichlorobenzene
Concen: 8.986 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



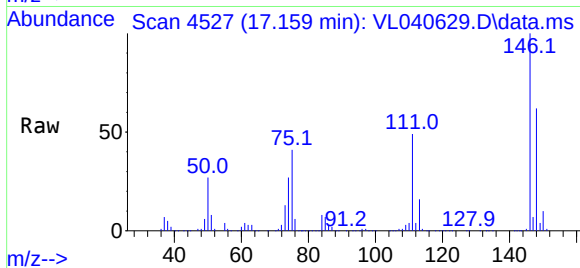
Tgt Ion:146 Resp: 1790166
Ion Ratio Lower Upper
146 100
111 46.2 23.2 69.5
148 65.2 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 8.842 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

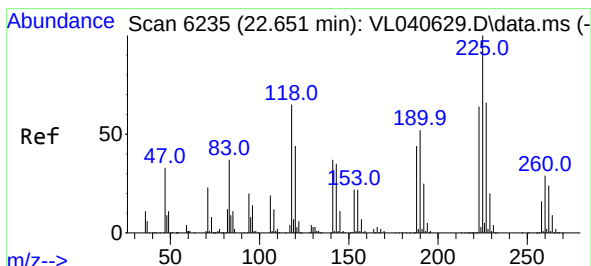
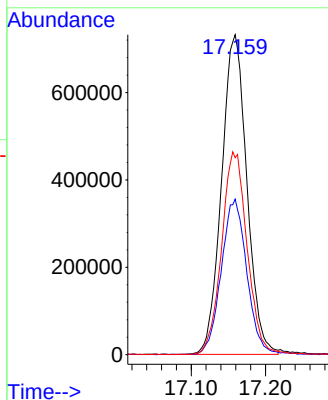
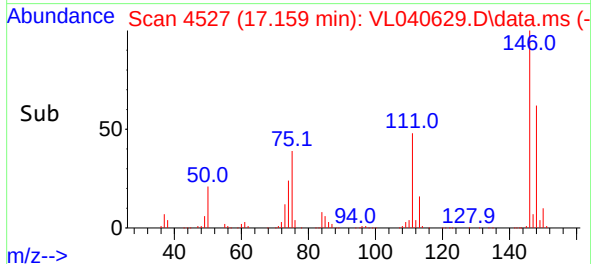
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



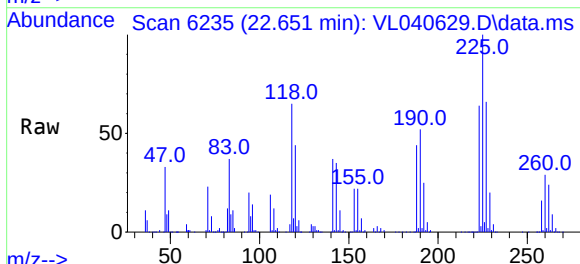
Tgt Ion:146 Resp: 1732680
Ion Ratio Lower Upper
146 100
111 49.3 24.6 74.0
148 64.3 32.1 96.5

Manual Integrations
APPROVED

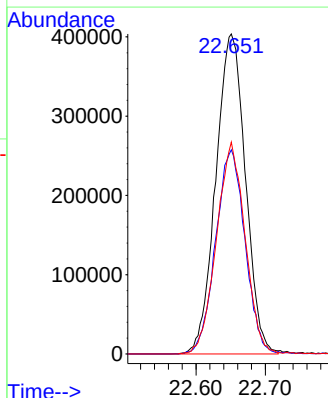
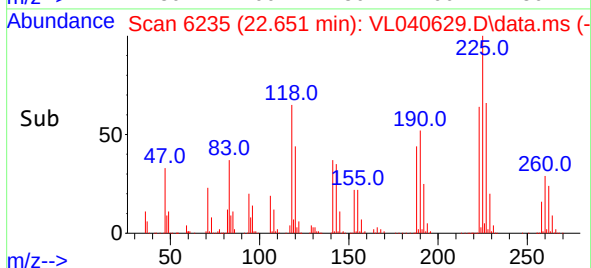
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

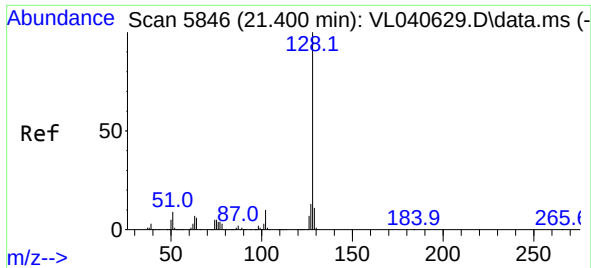


#78
Hexachloro-1,3-Butadiene
Concen: 8.060 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



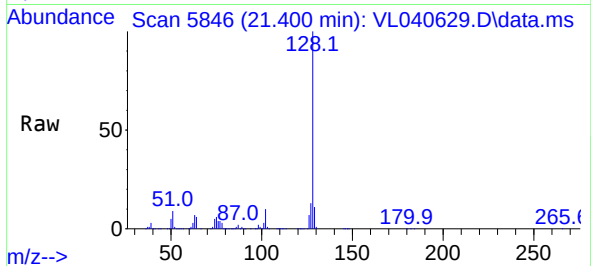
Tgt Ion:225 Resp: 1200664
Ion Ratio Lower Upper
225 100
223 63.4 50.6 76.0
227 64.0 51.2 76.8





#79
Naphthalene
Concen: 11.503 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16

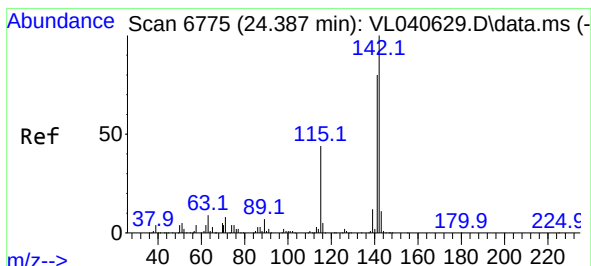
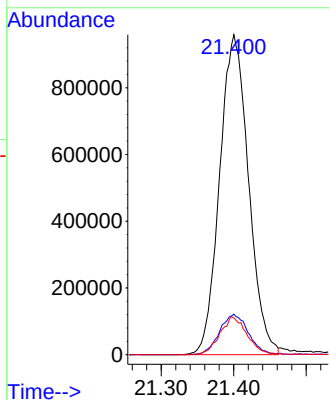
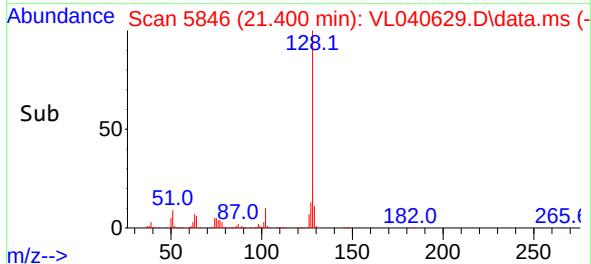
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



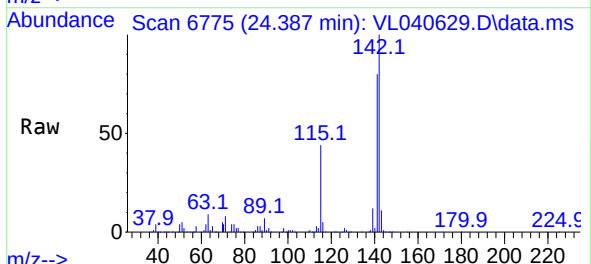
Tgt Ion:128 Resp: 265843
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.5 9.2 13.8

Manual Integrations
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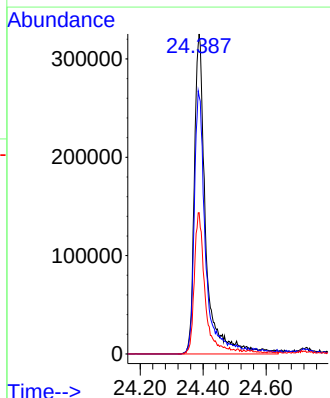
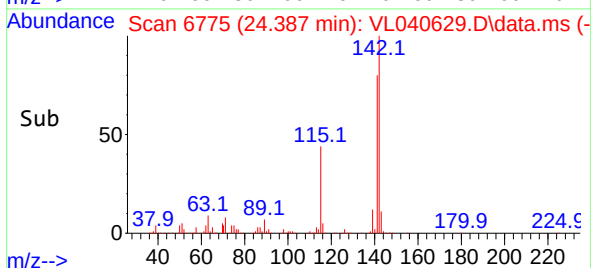
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

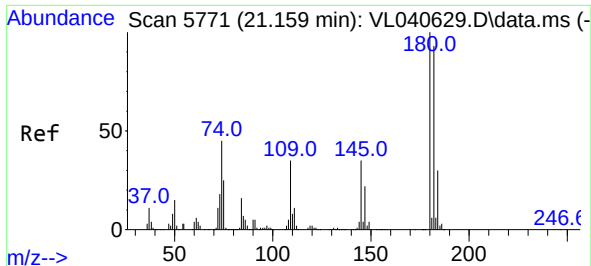


#80
Naphthalene,2-methyl-
Concen: 13.406 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.000 min
Lab File: VL040629.D
Acq: 15 Aug 2023 10:16



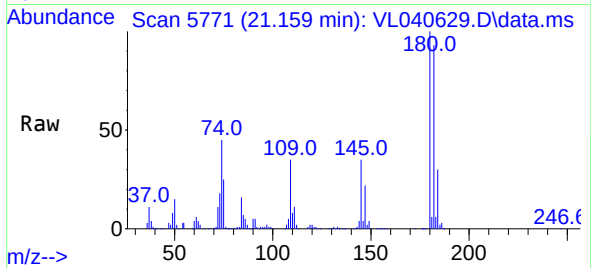
Tgt Ion:142 Resp: 827305
Ion Ratio Lower Upper
142 100
141 80.7 64.6 96.8
115 42.1 33.7 50.5





#81
 1,2,4-Trichlorobenzene
 Concen: 9.566 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040629.D
 Acq: 15 Aug 2023 10:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 1436215
 Ion Ratio Lower Upper
 180 100
 182 96.6 78.0 117.0
 184 30.5 24.6 36.8

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 Supervised By :Mahesh Dadoda 08/16/2023

