

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040635.D
 Acq On : 15 Aug 2023 14:19
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 04:50:05 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 04:50:05 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	998241	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2495181	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2398333	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.789 95 2087812 10.946 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 109.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	2826547	13.146	ppbv	100
3) Chlorodifluoromethane	2.664	51	2081947	12.702	ppbv	96
4) Chloromethane	2.806	50	796803	12.464	ppbv	94
5) Vinyl Chloride	2.912	62	915185	13.482	ppbv	96
6) Bromomethane	3.115	94	496323	13.870	ppbv	96
7) Chloroethane	3.192	64	344025	13.894	ppbv	92
8) Dichlorotetrafluoroethane	2.851	85	2320278	13.333	ppbv	99
9) Propene	2.687	41	620569	12.219	ppbv	100
10) Heptane	7.587	43	1625818	13.902	ppbv	100
11) Trichlorofluoromethane	3.558	101	2509834	14.459	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1815147	14.248	ppbv	98
13) Ethanol	3.234	45	171982m	14.120	ppbv	
14) Bromoethene	3.362	108	735966	14.068	ppbv	96
15) Acetone	3.462	43	1615746	13.233	ppbv	99
16) 1,3-Butadiene	2.976	39	813335	13.395	ppbv	100
17) tert-Butyl alcohol	3.877	59	1853382	14.313	ppbv	100
18) 1,1-Dichloroethene	3.877	96	846212	14.493	ppbv	98
19) Isopropyl Alcohol	3.571	45	1103058	14.248	ppbv	99
20) Methylene Chloride	3.928	84	696417	11.672	ppbv	96
21) Allyl Chloride	3.996	41	1100887	13.631	ppbv	95
22) trans-1,2-Dichloroethene	4.446	96	850298	14.835	ppbv	97
23) Vinyl Acetate	4.626	43	2009382	15.060	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1693926	14.237	ppbv	99
25) Ethyl Acetate	5.208	43	2951326	12.871	ppbv	100
26) Hexane	5.214	57	1317489	11.875	ppbv	98
27) Carbon Disulfide	4.121	76	2100853	15.905	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	1193941	13.920	ppbv	100
29) Chloroform	5.278	83	2312232	13.167	ppbv	98
30) Cyclohexane	6.610	84	1108019	13.625	ppbv	97
31) cis-1,2-Dichloroethene	5.082	61	1363539	13.618	ppbv	96
32) 1,1,1-Trichloroethane	6.008	97	2375313	14.096	ppbv	99
34) 2-Butanone	4.787	43	1765361	14.030	ppbv	99
35) Carbon Tetrachloride	6.500	117	2490130	15.917	ppbv	98
36) Benzene	6.378	78	2711289	13.658	ppbv	98
37) 1,2-Dichloroethane	5.812	62	1816202	15.171	ppbv	97
38) Trichloroethene	7.298	130	1145936	14.845	ppbv	97
39) 1,2-Dichloropropane	7.082	63	1056863	13.994	ppbv	95
40) 1,4-Dioxane	7.294	88	465963	16.434	ppbv	96
41) Tetrahydrofuran	5.558	42	990095	13.982	ppbv	99
42) Bromodichloromethane	7.259	83	2606229	15.640	ppbv	98
43) Methyl Methacrylate	7.484	69	1151959	15.506	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	4552813	14.190	ppbv	98
45) t-1,3-Dichloropropene	8.722	75	1070496	18.273	ppbv	99

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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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

Quant Time: Aug 16 04:50:05 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

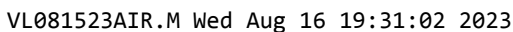
Response via : Initial Calibration

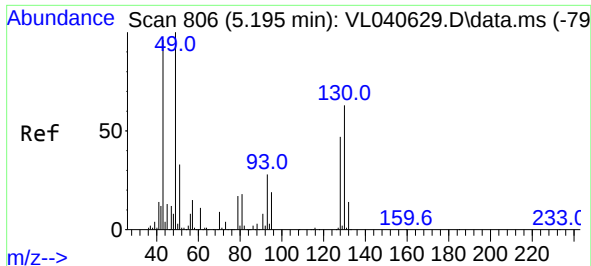
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1207095	16.725	ppbv	95
47) 1,1,2-Trichloroethane	8.909	97	1211570	14.194	ppbv	97
48) Dibromochloromethane	9.725	129	2176412	16.292	ppbv	100
49) Bromoform	12.420	173	1833578	17.179	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2796759	15.191	ppbv	99
51) 2-Hexanone	9.561	43	2128311	16.488	ppbv	97
52) Tetrachloroethene	10.629	164	984396	15.836	ppbv	96
53) Toluene	9.233	91	3233825	15.330	ppbv	98
54) 1,2-Dibromoethane	10.021	107	1777408	17.350	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.523	131	1604694	14.448	ppbv	96
57) Chlorobenzene	11.542	112	2595900	14.024	ppbv	96
58) Ethyl Benzene	12.101	91	4510008	15.594	ppbv	100
59) m/p-Xylene	12.381	91	7992421m	30.324	ppbv	
60) o-Xylene	13.076	91	3870302	15.478	ppbv	100
61) Styrene	12.912	104	1936943	17.682	ppbv	98
62) Isopropylbenzene	14.043	105	5575358	14.736	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	2809073	14.823	ppbv	99
64) n-propylbenzene	14.931	120	1452666	15.187	ppbv	96
65) tert-Butylbenzene	16.108	119	4955828	15.110	ppbv	99
66) Benzyl Chloride	16.342	91	734838	17.949	ppbv	100
67) sec-Butylbenzene	16.651	105	7012713	14.655	ppbv	99
69) p-Isopropyltoluene	17.011	119	5683660	15.180	ppbv	99
70) n-Butylbenzene	17.899	91	6223759	15.225	ppbv	99
71) 2-Chlorotoluene	14.815	91	4341759	15.463	ppbv	100
72) 4-Ethyltoluene	15.207	105	4506056	15.963	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	3897016	15.480	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	4422972	15.009	ppbv	93
75) 1,3-Dichlorobenzene	16.346	146	2528836	14.868	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	2467001	14.512	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	2402041	14.365	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1726522	13.583	ppbv	100
79) Naphthalene	21.397	128	3789611	19.217	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	1211636	23.011	ppbv	96
81) 1,2,4-Trichlorobenzene	21.152	180	2057258	16.059	ppbv	100

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

Manual Integrations

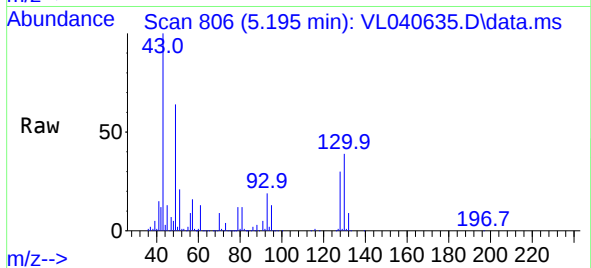
Quant Time: Aug 16 04:50:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Aug 16 04:44:10 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

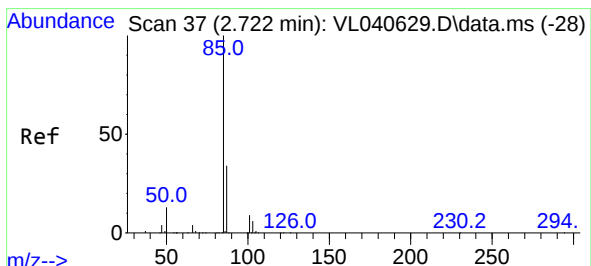
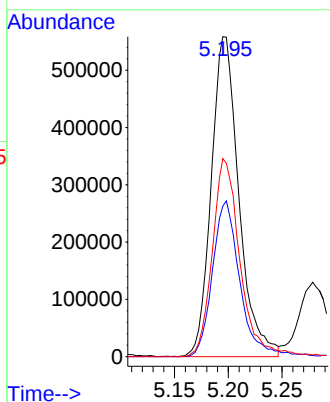
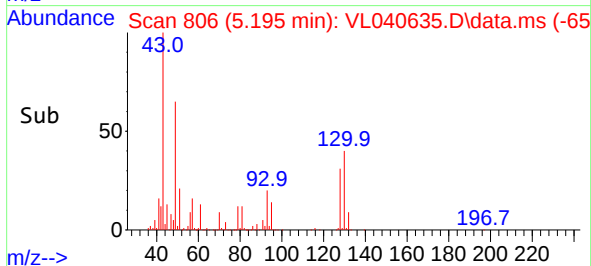
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



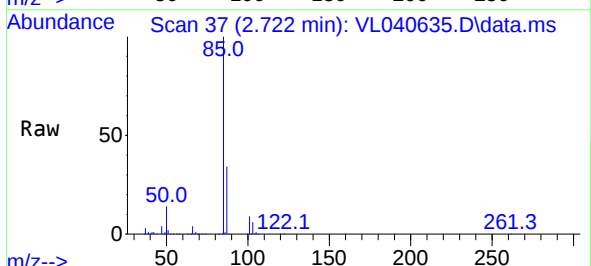
Tgt Ion: 49 Resp: 99824
Ion Ratio Lower Upper
49 100
128 48.5 24.9 74.7
130 62.3 32.2 96.6

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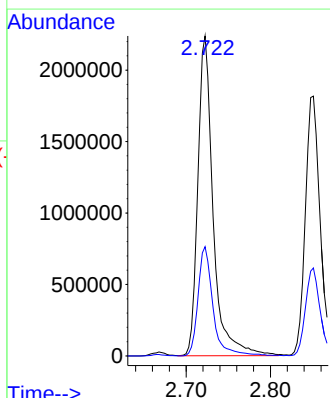
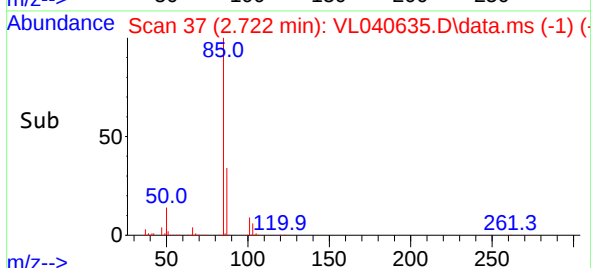
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

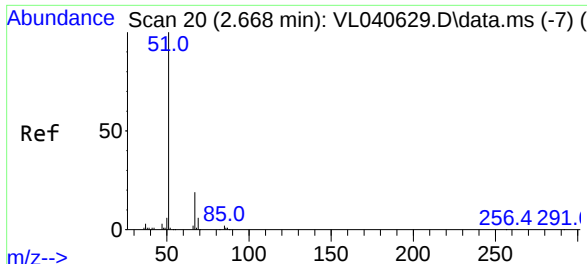


#2
Dichlorodifluoromethane
Concen: 13.146 ppbv
RT: 2.722 min Scan# 37
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



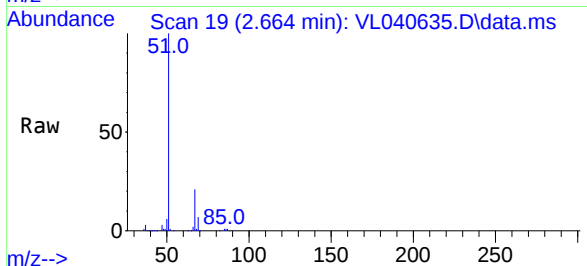
Tgt Ion: 85 Resp: 2826547
Ion Ratio Lower Upper
85 100
87 34.1 27.5 41.3





#3
Chlorodifluoromethane
Concen: 12.702 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

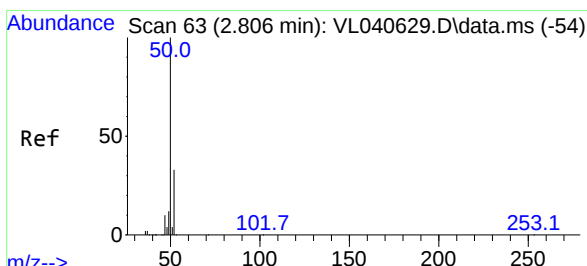
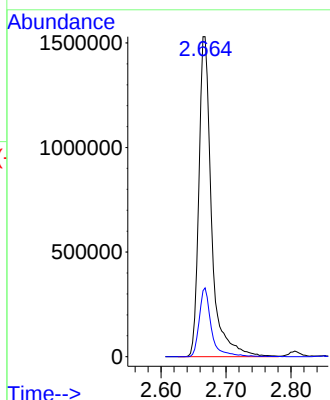
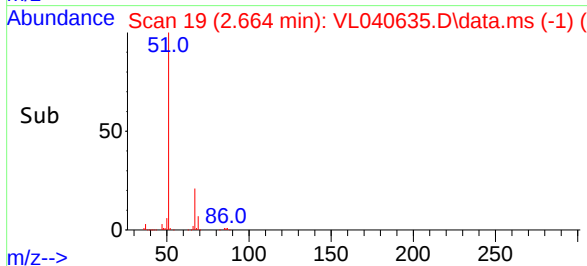
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



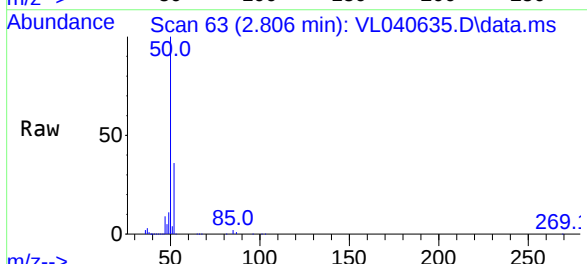
Tgt Ion: 51 Resp: 208194
Ion Ratio Lower Upper
51 100
67 20.6 15.0 22.6

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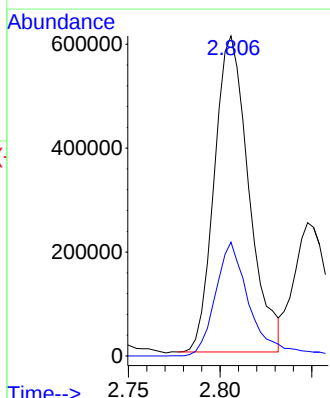
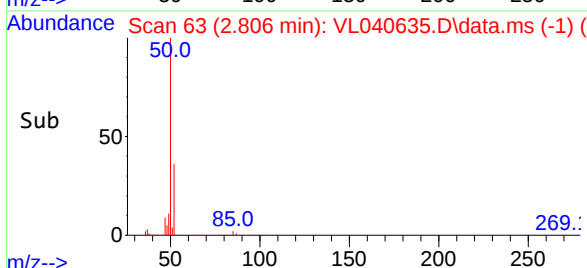
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



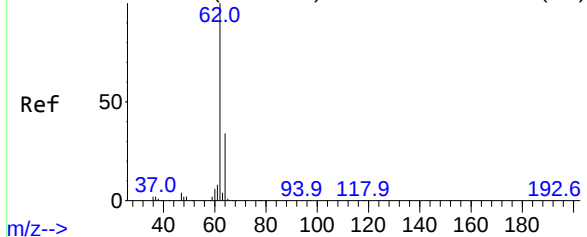
#4
Chloromethane
Concen: 12.464 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



Tgt Ion: 50 Resp: 796803
Ion Ratio Lower Upper
50 100
52 36.0 26.2 39.2



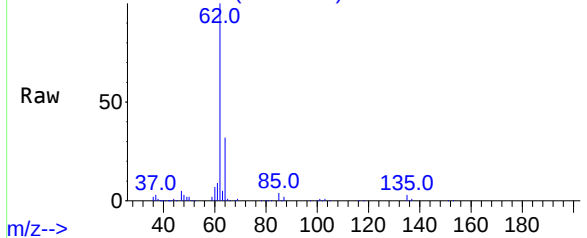
Abundance Scan 97 (2.915 min): VL040629.D\data.ms (-87)



#5
Vinyl Chloride
Concen: 13.482 ppbv
RT: 2.912 min Scan# 90
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Abundance Scan 96 (2.912 min): VL040635.D\data.ms

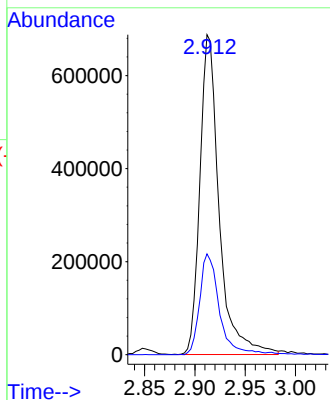
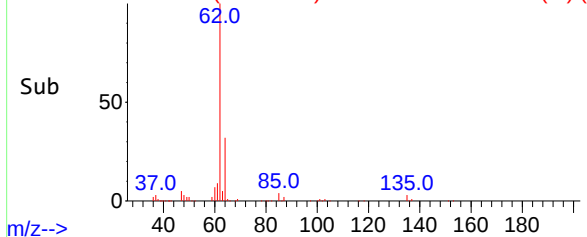


Tgt Ion: 62 Resp: 91518
Ion Ratio Lower Upper
62 100
64 31.5 27.0 40.6

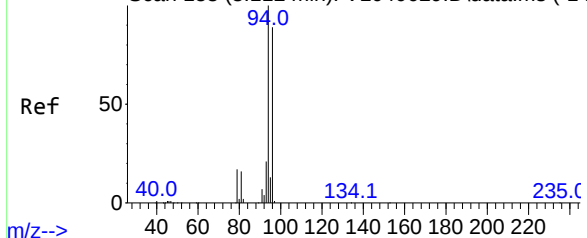
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Abundance Scan 96 (2.912 min): VL040635.D\data.ms (-1)



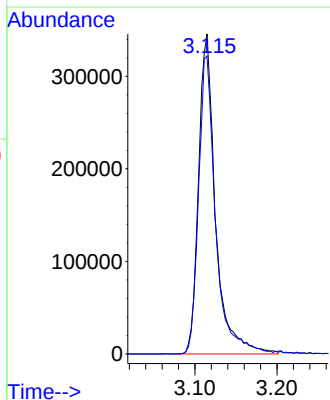
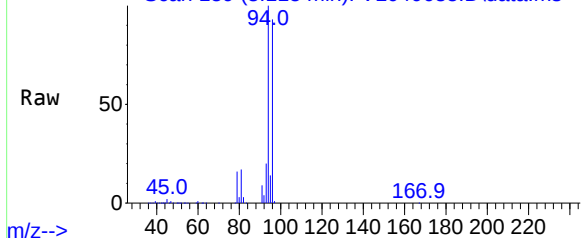
Abundance Scan 158 (3.112 min): VL040629.D\data.ms (-14)



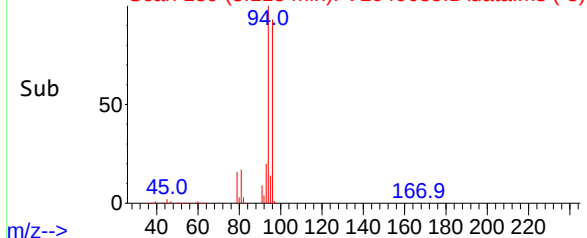
#6
Bromomethane
Concen: 13.870 ppbv
RT: 3.115 min Scan# 159
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

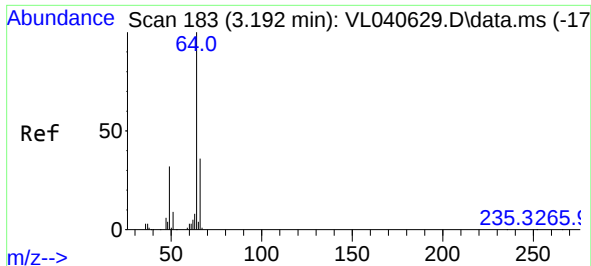
Tgt Ion: 94 Resp: 496323
Ion Ratio Lower Upper
94 100
96 93.1 71.5 107.3

Abundance Scan 159 (3.115 min): VL040635.D\data.ms



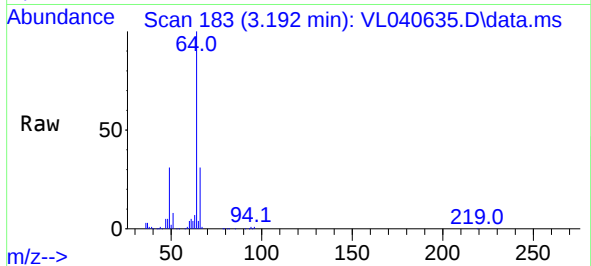
Abundance Scan 159 (3.115 min): VL040635.D\data.ms (-3)





#7
Chloroethane
Concen: 13.894 ppbv
RT: 3.192 min Scan# 183
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

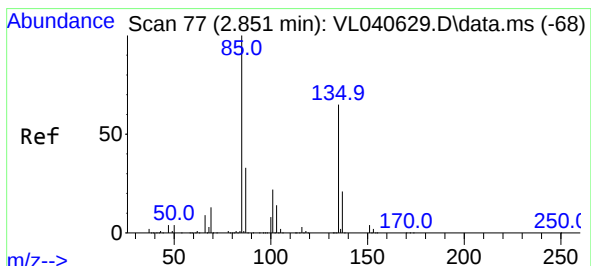
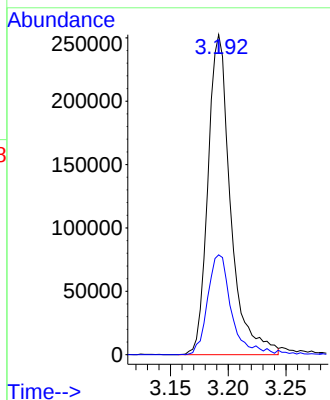
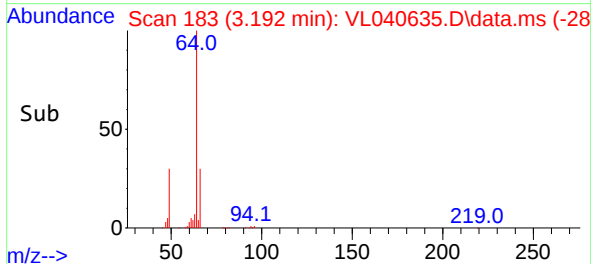
Instrument : MSVOA_L
ClientSampleId : VSTDIC015



Tgt Ion: 64 Resp: 344025
Ion Ratio Lower Upper
64 100
66 31.2 28.7 43.1

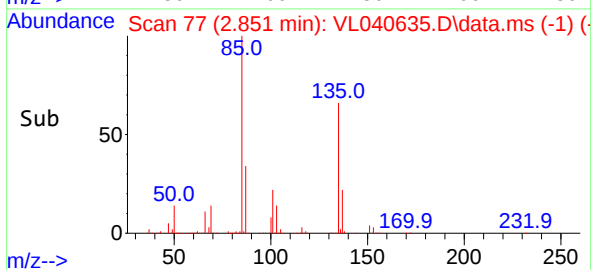
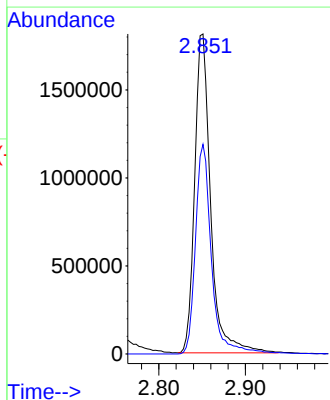
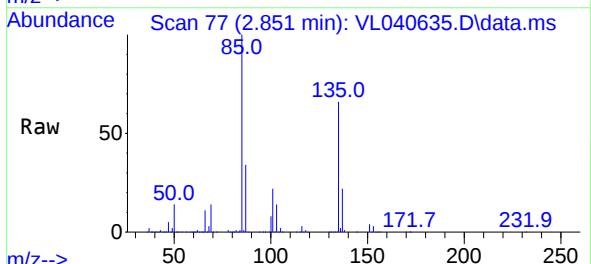
Manual Integrations
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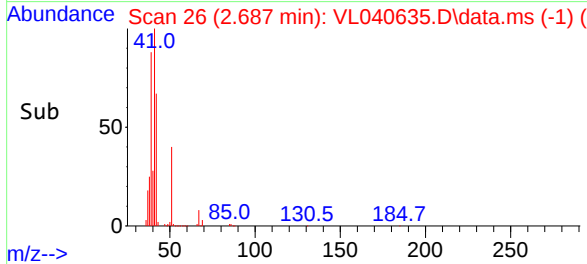
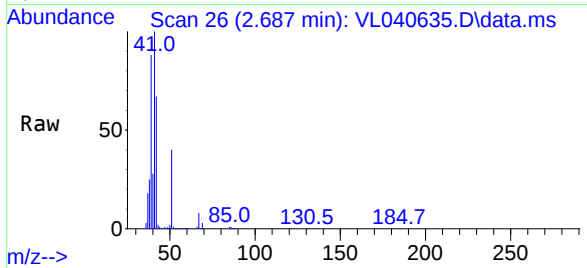
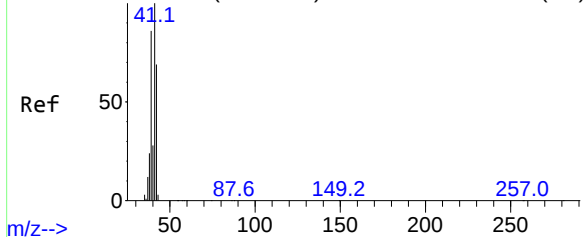


#8
Dichlorotetrafluoroethane
Concen: 13.333 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 85 Resp: 2320278
Ion Ratio Lower Upper
85 100
135 66.5 52.8 79.2



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



#9

Propene

Concen: 12.219 ppbv

RT: 2.687 min Scan# 20

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 41 Resp: 620569

Ion Ratio Lower Upper

41 100

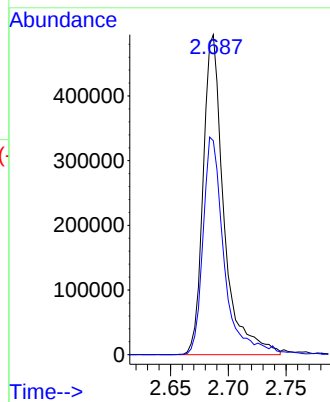
42 70.2 56.5 84.7

Manual Integrations

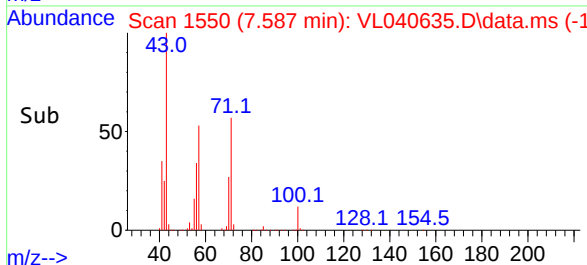
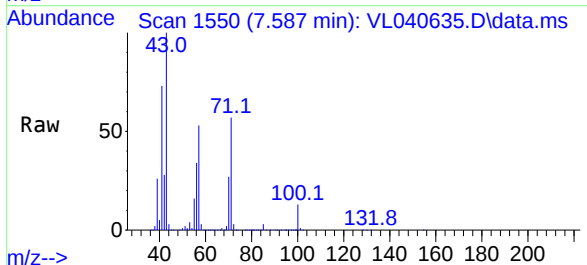
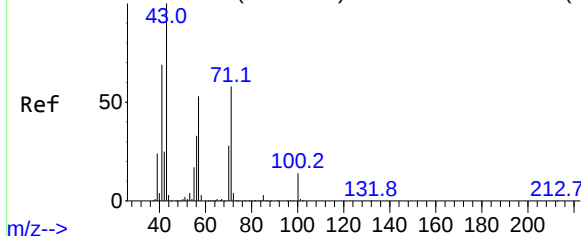
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Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



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



#10

Heptane

Concen: 13.902 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. -0.003 min

Lab File: VL040635.D

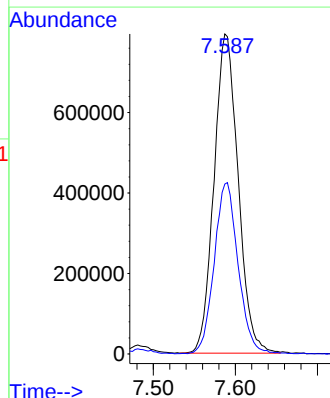
Acq: 15 Aug 2023 14:19

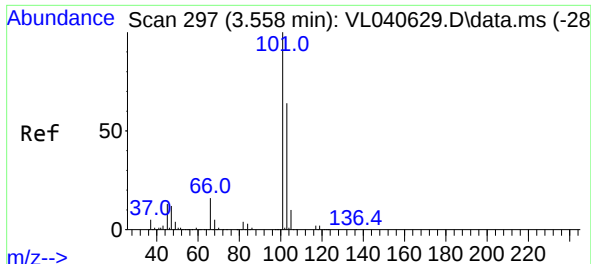
Tgt Ion: 43 Resp: 1625818

Ion Ratio Lower Upper

43 100

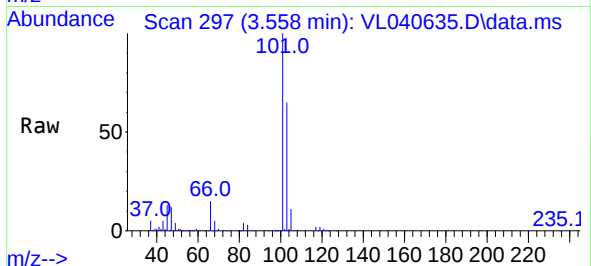
57 53.4 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 14.459 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

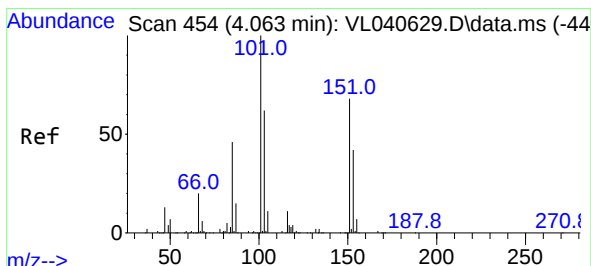
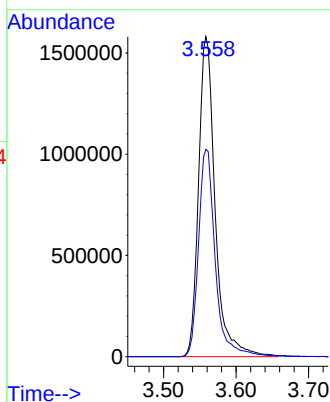
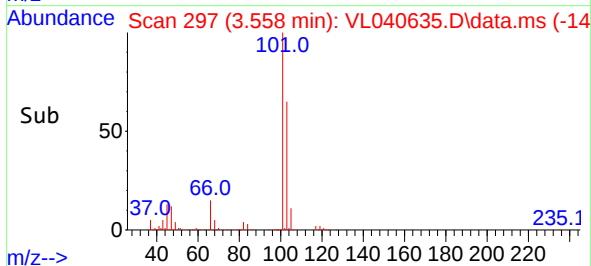
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



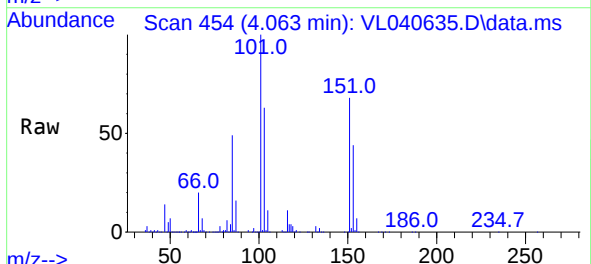
Tgt Ion:101 Resp: 2509834
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.1 76.7

Manual Integrations
 APPROVED

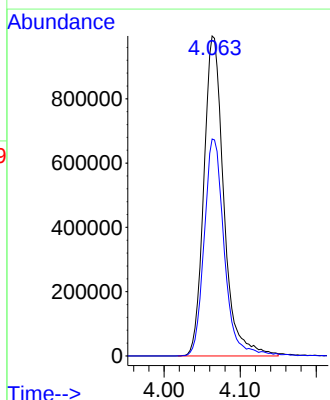
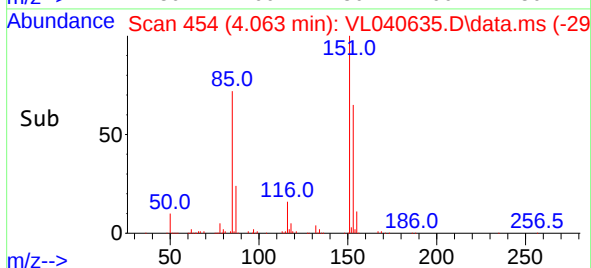
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

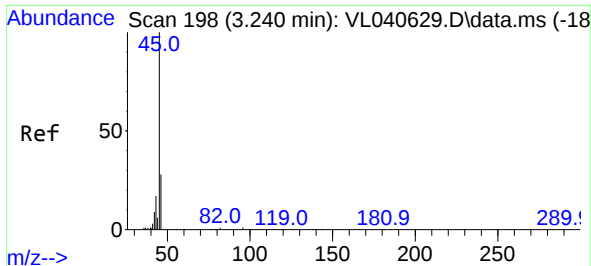


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.248 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19



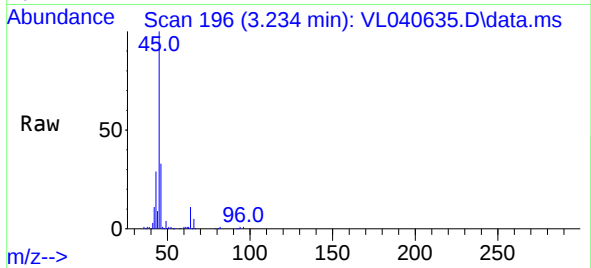
Tgt Ion:101 Resp: 1815147
 Ion Ratio Lower Upper
 101 100
 151 68.6 56.2 84.2





#13
Ethanol
Concen: 14.120 ppbv m
RT: 3.234 min Scan# 196
Delta R.T. -0.007 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

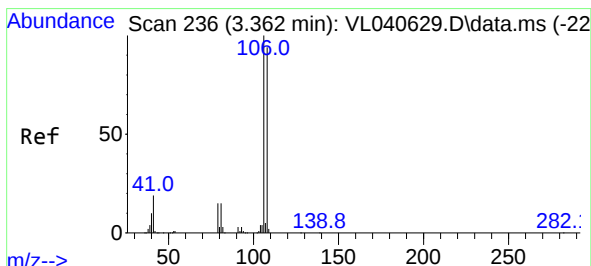
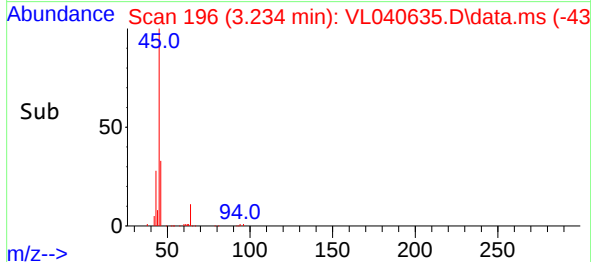
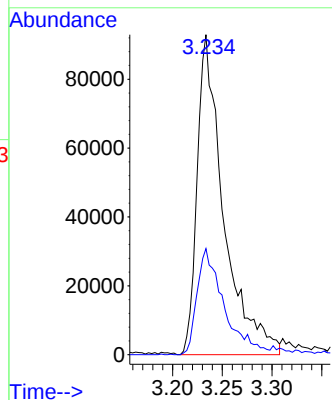
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 45 Resp: 17198
Ion Ratio Lower Upper
45 100
46 36.0 14.2 56.6

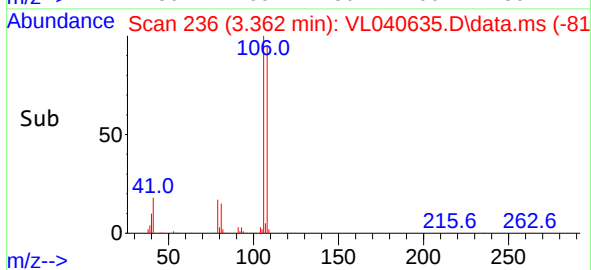
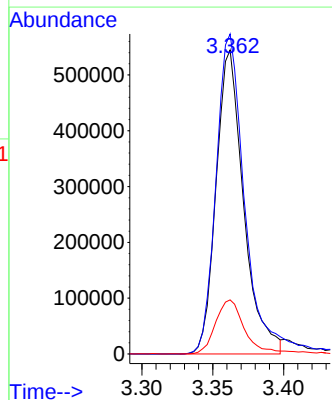
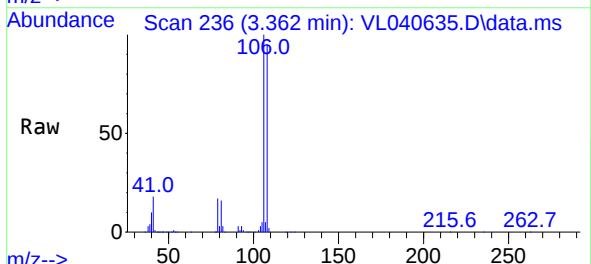
Manual Integrations
APPROVED

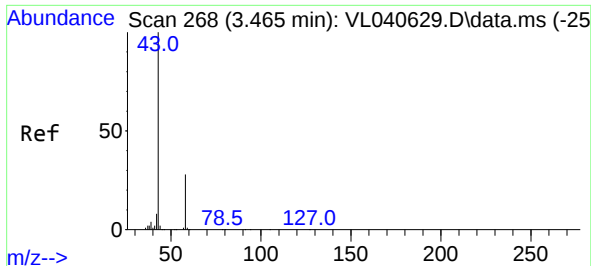
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#14
Bromoethene
Concen: 14.068 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

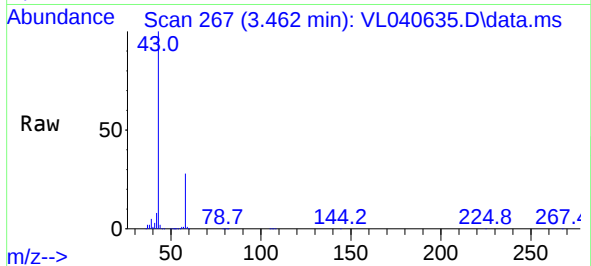
Tgt Ion:108 Resp: 735966
Ion Ratio Lower Upper
108 100
106 112.7 87.3 130.9
79 19.8 14.4 21.6





#15
Acetone
Concen: 13.233 ppbv
RT: 3.462 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

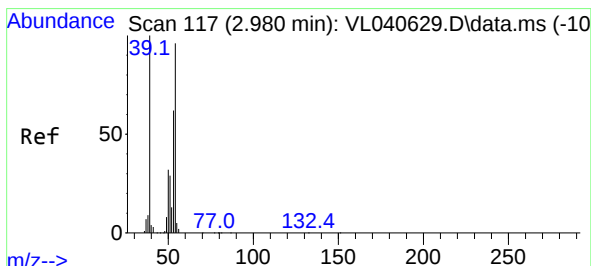
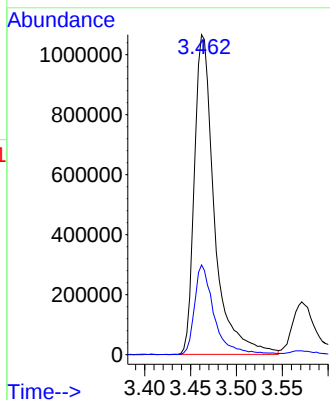
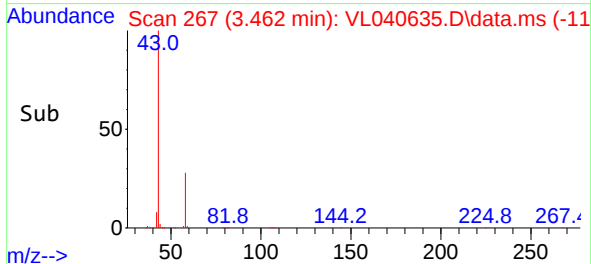
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



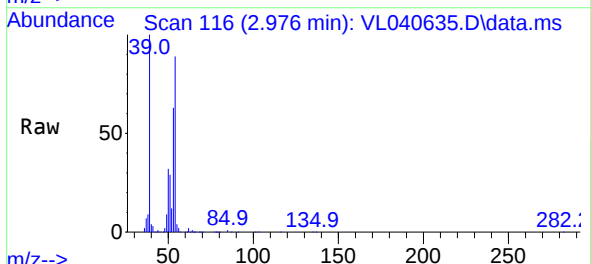
Tgt Ion: 43 Resp: 1615740
Ion Ratio Lower Upper
43 100
58 27.5 22.4 33.6

Manual Integrations
APPROVED

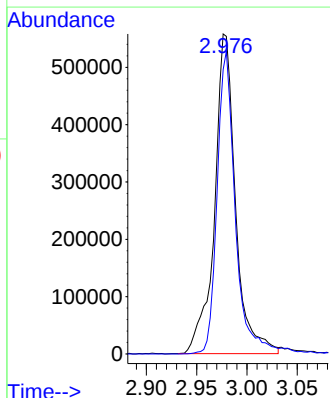
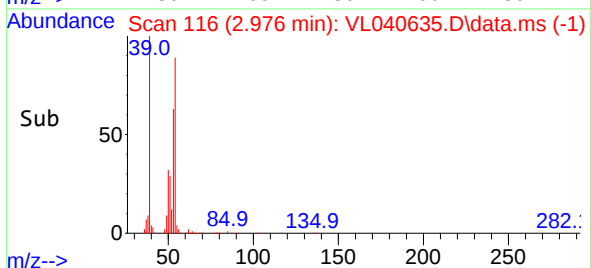
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

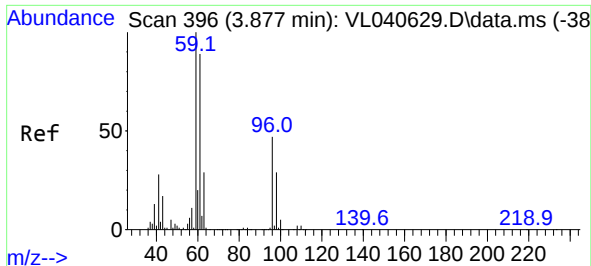


#16
1,3-Butadiene
Concen: 13.395 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



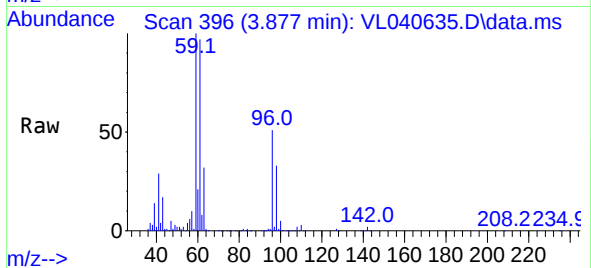
Tgt Ion: 39 Resp: 813335
Ion Ratio Lower Upper
39 100
54 83.4 66.6 99.8





#17
tert-Butyl alcohol
Concen: 14.313 ppbv
RT: 3.877 min Scan# 396
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

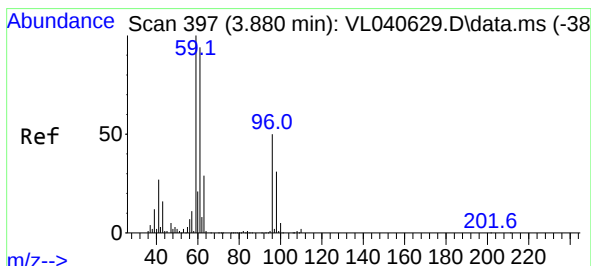
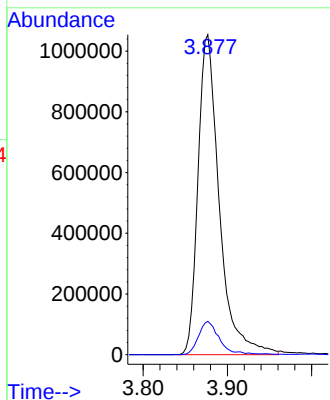
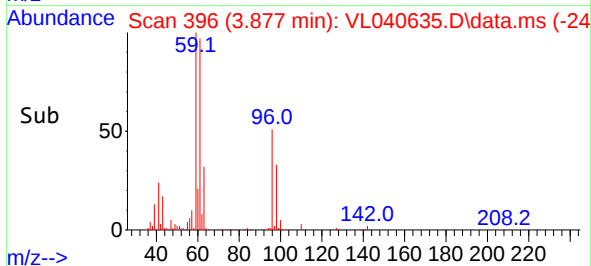
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



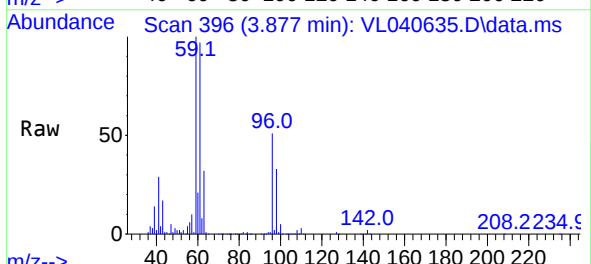
Tgt Ion: 59 Resp: 185338
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

Manual Integrations
APPROVED

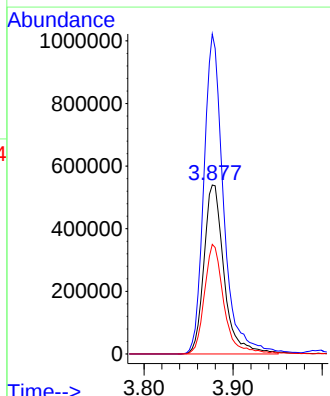
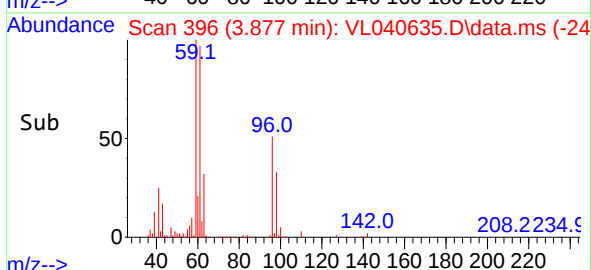
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

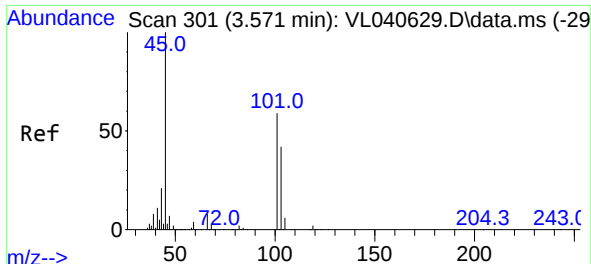


#18
1,1-Dichloroethene
Concen: 14.493 ppbv
RT: 3.877 min Scan# 396
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



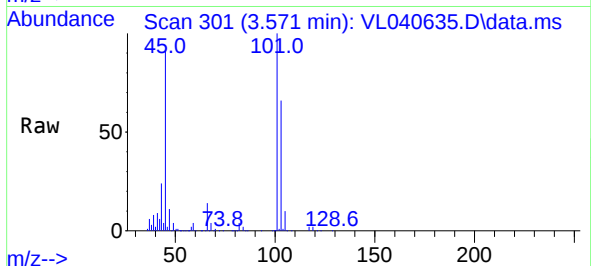
Tgt Ion: 96 Resp: 846212
Ion Ratio Lower Upper
96 100
61 189.4 150.4 225.6
98 64.9 49.7 74.5





#19
Isopropyl Alcohol
Concen: 14.248 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

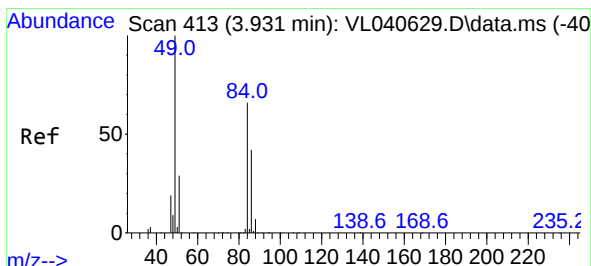
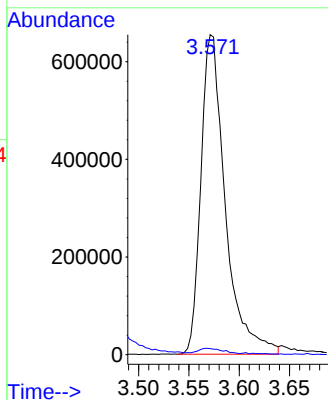
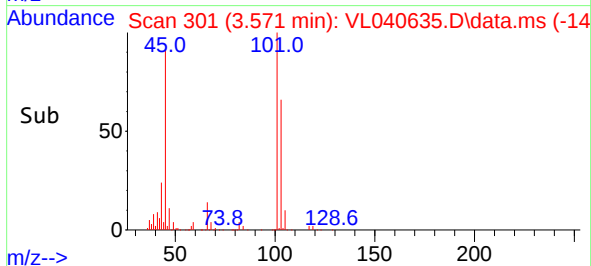
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



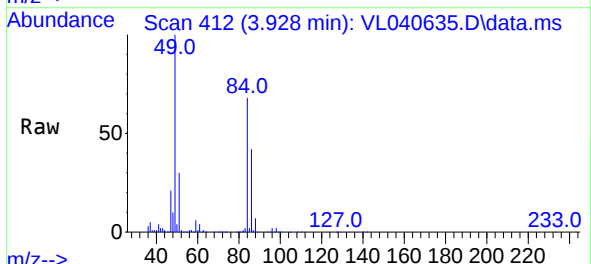
Tgt Ion: 45 Resp: 1103058
Ion Ratio Lower Upper
45 100
58 2.8 1.9 2.9

Manual Integrations
APPROVED

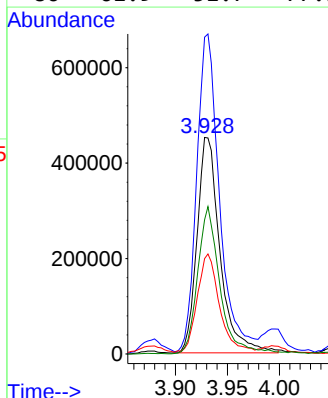
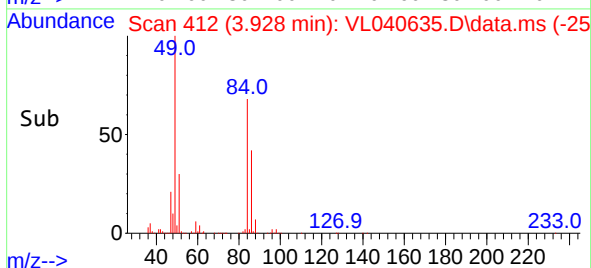
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

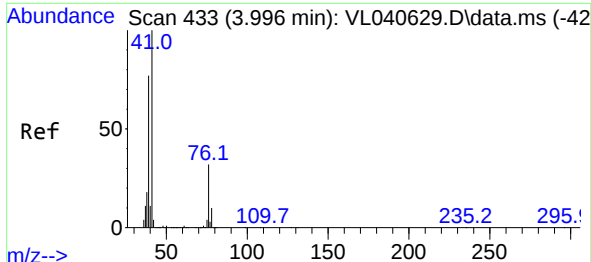


#20
Methylene Chloride
Concen: 11.672 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



Tgt Ion: 84 Resp: 696417
Ion Ratio Lower Upper
84 100
49 145.7 122.1 183.1
51 42.8 35.4 53.2
86 61.9 51.7 77.5





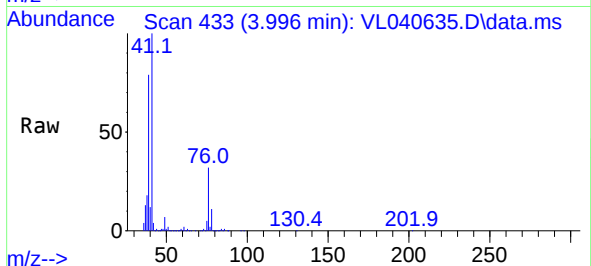
#21
 Allyl Chloride
 Concen: 13.631 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

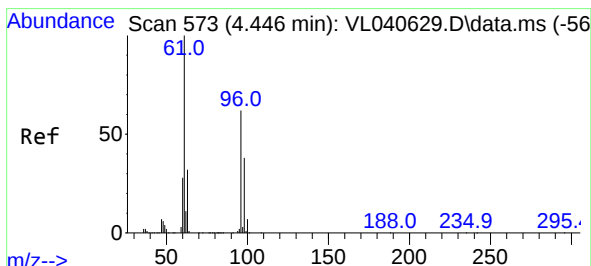
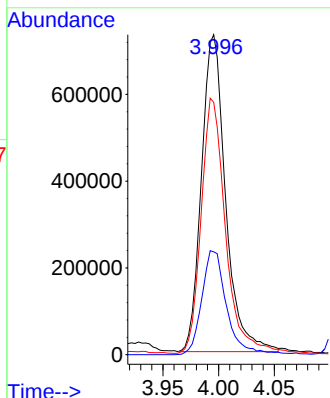
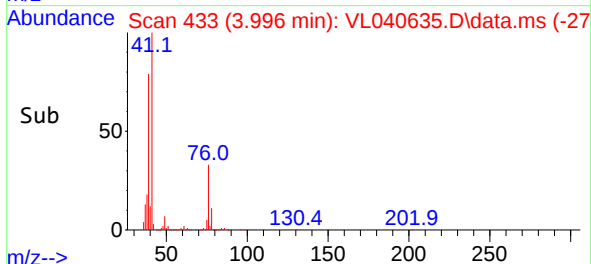


Tgt Ion: 41 Resp: 110088
 Ion Ratio Lower Upper
 41 100
 76 33.9 25.5 38.3
 39 82.4 61.8 92.6

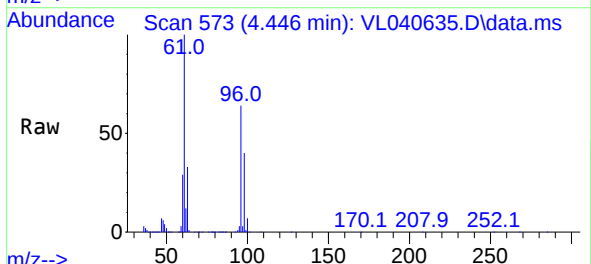
Manual Integrations

APPROVED

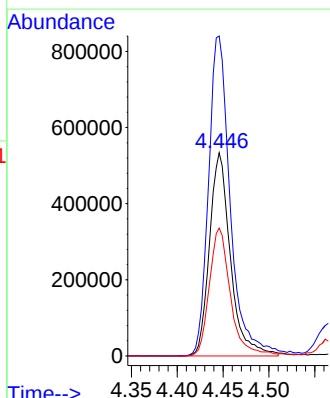
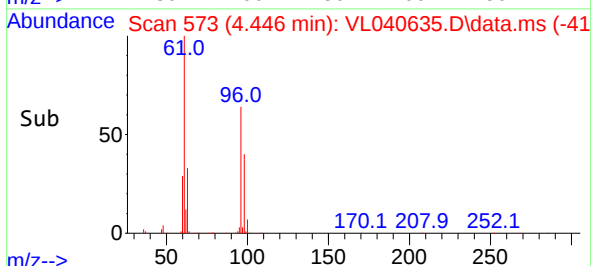
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

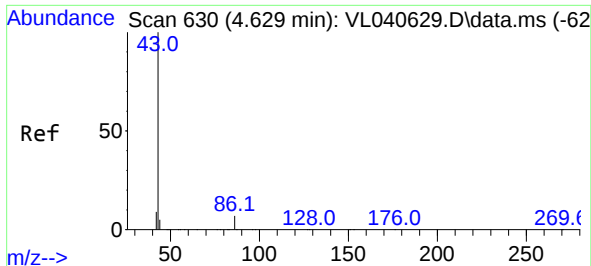


#22
 trans-1,2-Dichloroethene
 Concen: 14.835 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19



Tgt Ion: 96 Resp: 850298
 Ion Ratio Lower Upper
 96 100
 61 157.3 128.1 192.1
 98 62.9 48.1 72.1





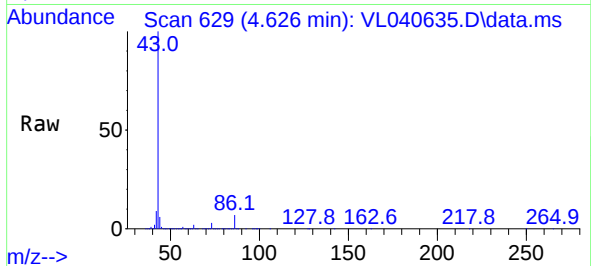
#23
 Vinyl Acetate
 Concen: 15.060 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



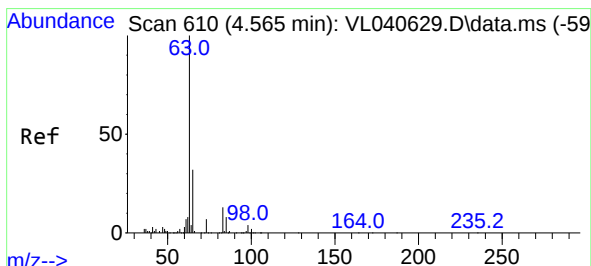
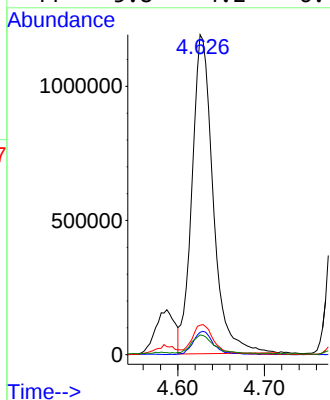
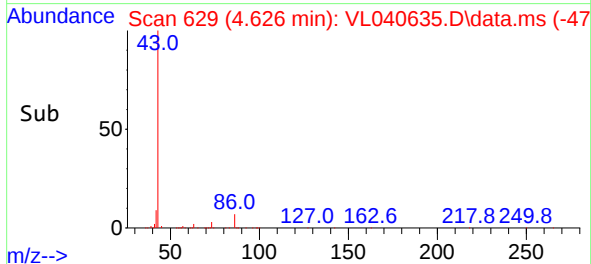
Tgt Ion: 43 Resp: 200938

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.0	7.6
42	9.1	7.8	11.8
44	5.8	4.2	6.4

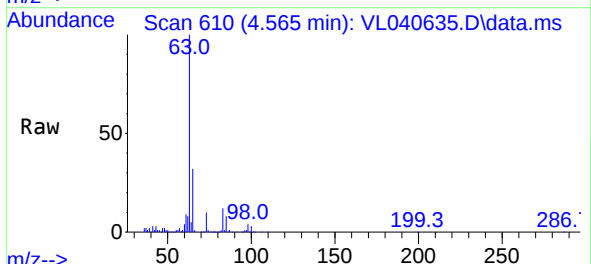
Manual Integrations

APPROVED

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

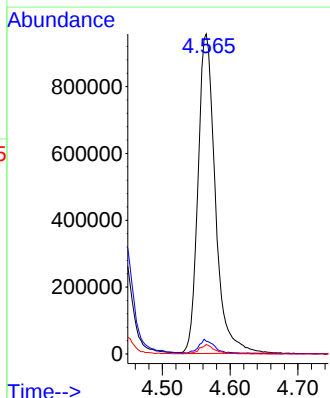
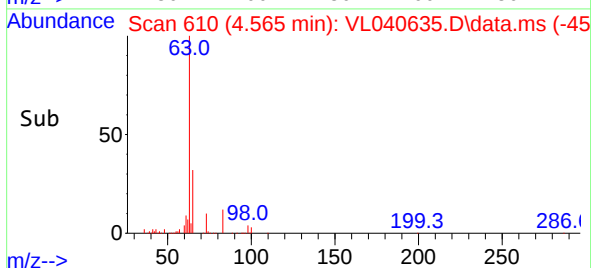


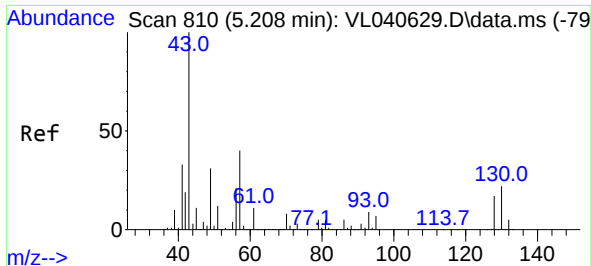
#24
 1,1-Dichloroethane
 Concen: 14.237 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19



Tgt Ion: 63 Resp: 1693926

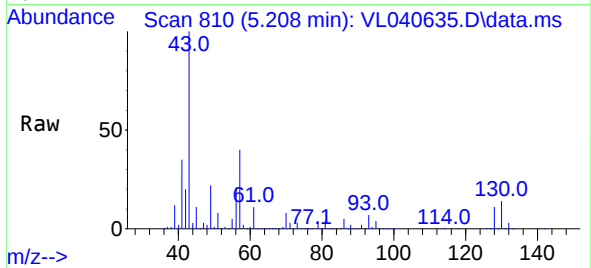
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	6.0
100	2.9	1.1	3.3





#25
Ethyl Acetate
Concen: 12.871 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

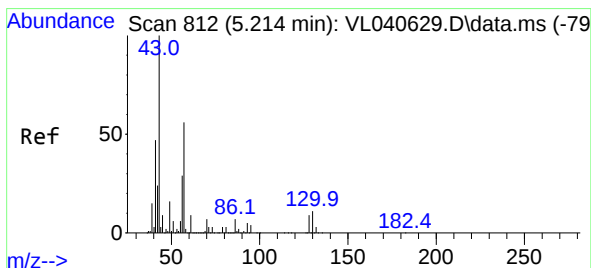
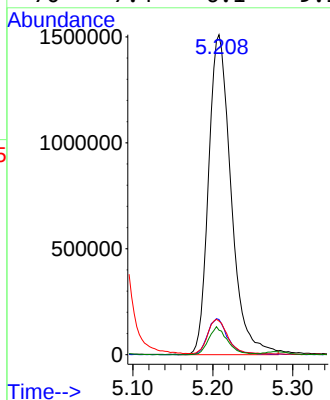
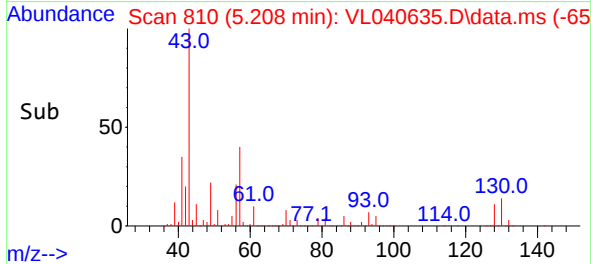
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



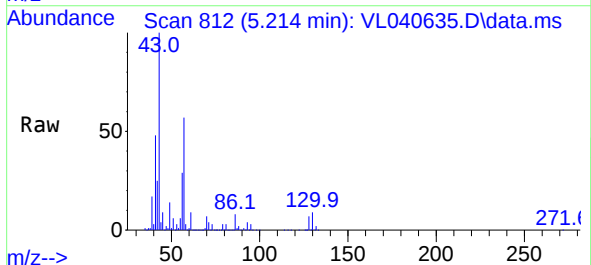
Tgt Ion: 43 Resp: 2951320
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.4
61 10.5 8.3 12.5
70 7.4 6.1 9.1

Manual Integrations
APPROVED

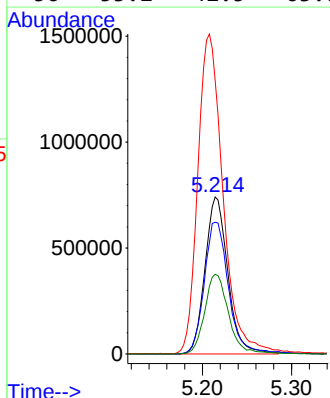
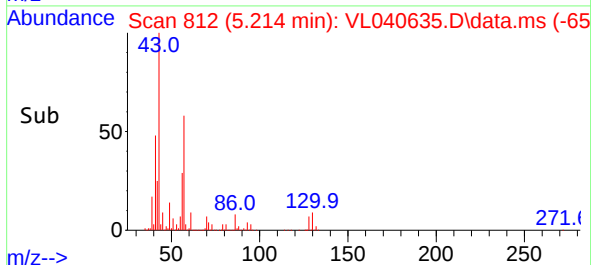
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

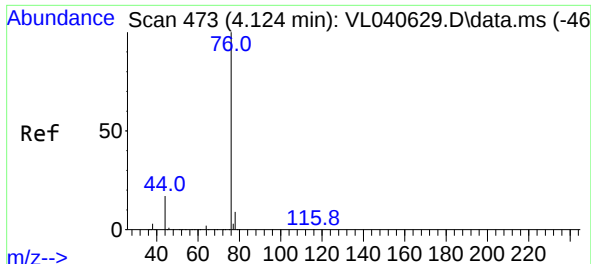


#26
Hexane
Concen: 11.875 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



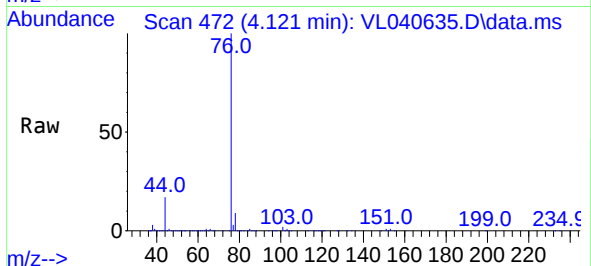
Tgt Ion: 57 Resp: 1317489
Ion Ratio Lower Upper
57 100
41 90.2 69.3 103.9
43 225.8 177.9 266.9
56 53.2 42.5 63.7





#27
Carbon Disulfide
Concen: 15.905 ppbv
RT: 4.121 min Scan# 472
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

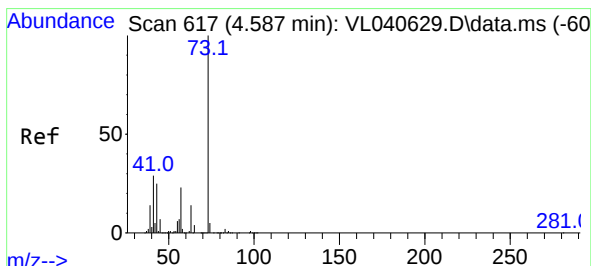
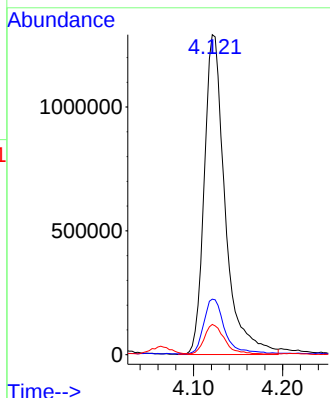
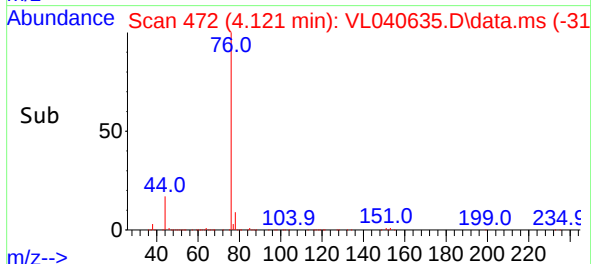
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



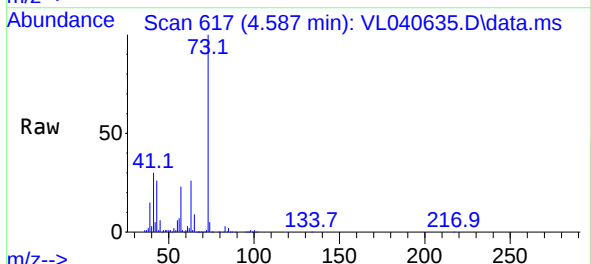
Tgt Ion: 76 Resp: 210085
Ion Ratio Lower Upper
76 100
44 17.3 14.3 21.5
78 9.5 7.4 11.0

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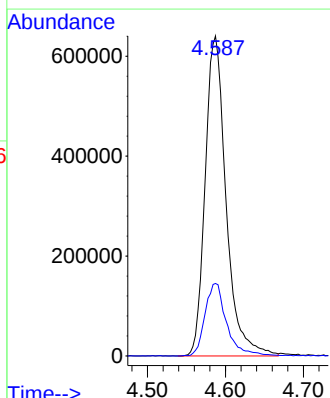
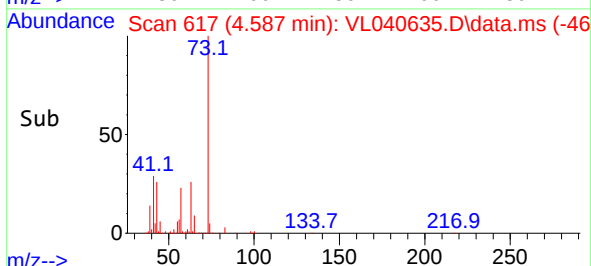
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

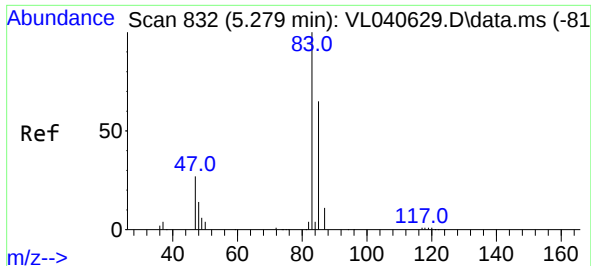


#28
Methyl tert-Butyl Ether
Concen: 13.920 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



Tgt Ion: 73 Resp: 1193941
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3





#29

Chloroform

Concen: 13.167 ppbv

RT: 5.278 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 83 Resp: 231223

Ion Ratio Lower Upper

83 100

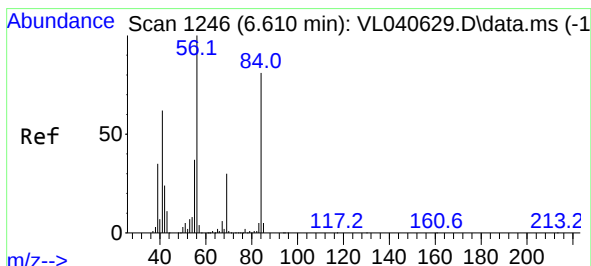
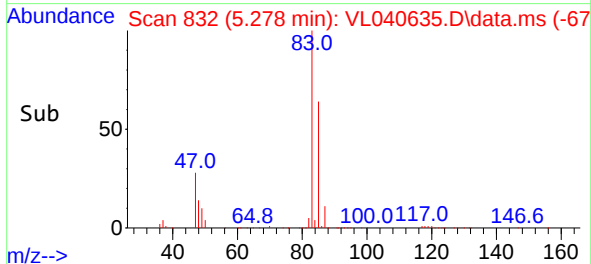
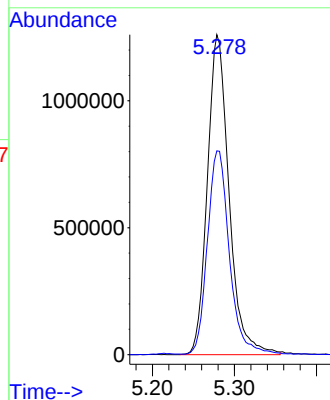
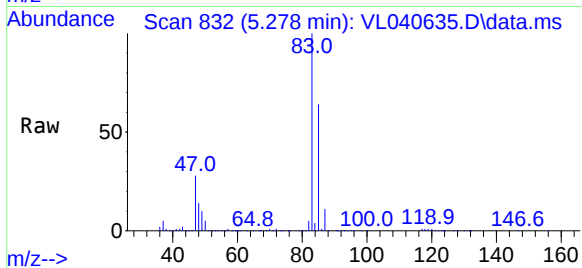
85 63.5 52.2 78.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#30

Cyclohexane

Concen: 13.625 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

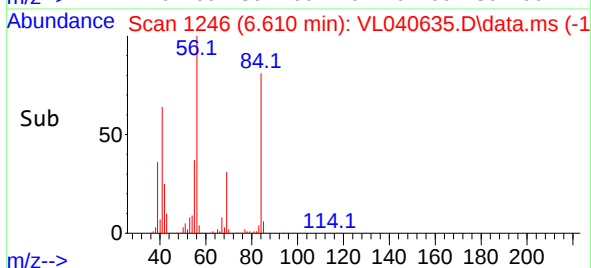
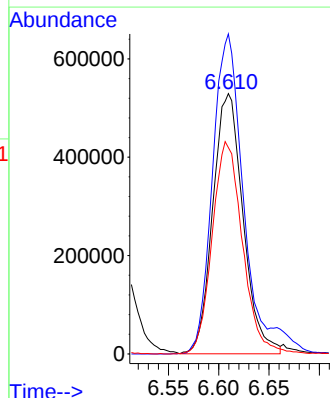
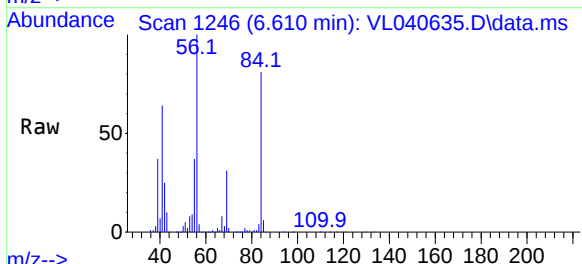
Tgt Ion: 84 Resp: 1108019

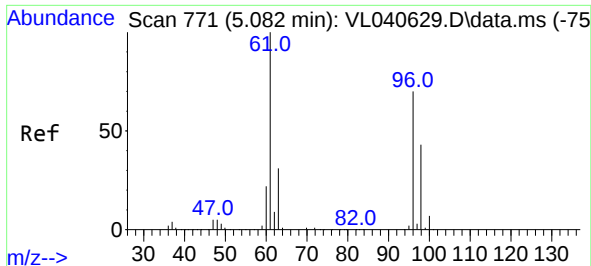
Ion Ratio Lower Upper

84 100

56 128.2 105.4 158.2

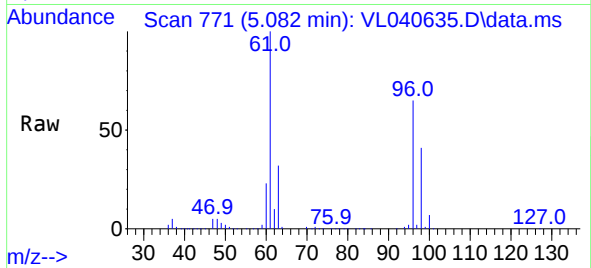
41 82.0 64.2 96.2





#31
 cis-1,2-Dichloroethene
 Concen: 13.618 ppbv
 RT: 5.082 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

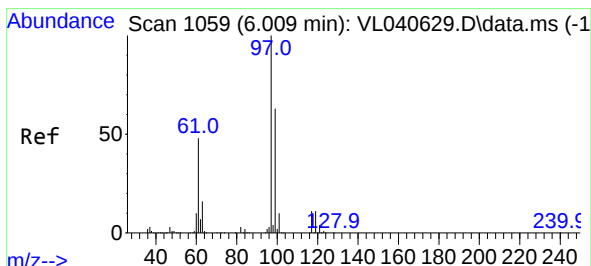
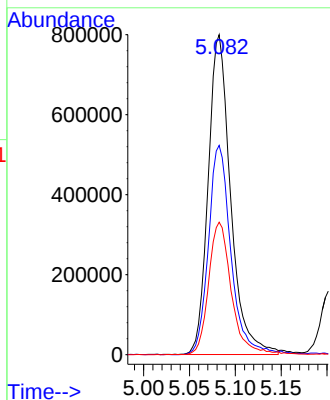
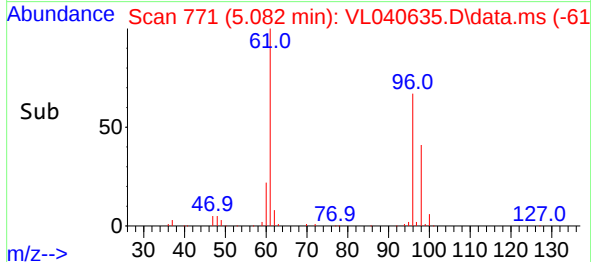
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015



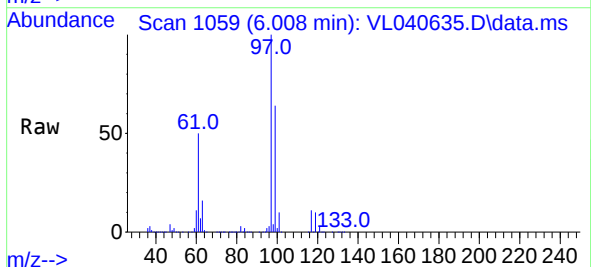
Tgt Ion: 61 Resp: 1363539
 Ion Ratio Lower Upper
 61 100
 96 65.4 55.8 83.6
 98 41.4 34.8 52.2

Manual Integrations
 APPROVED

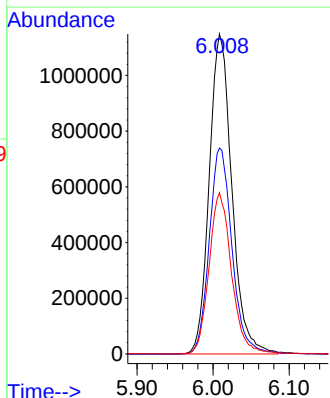
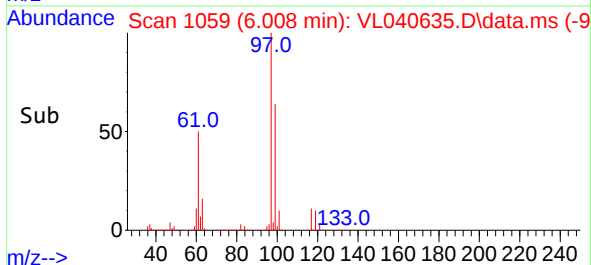
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

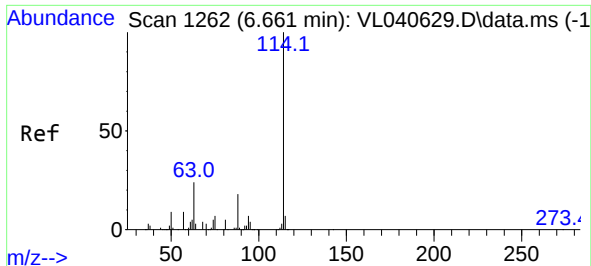


#32
 1,1,1-Trichloroethane
 Concen: 14.096 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19



Tgt Ion: 97 Resp: 2375313
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.2 76.8
 61 50.3 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: VL040635.D

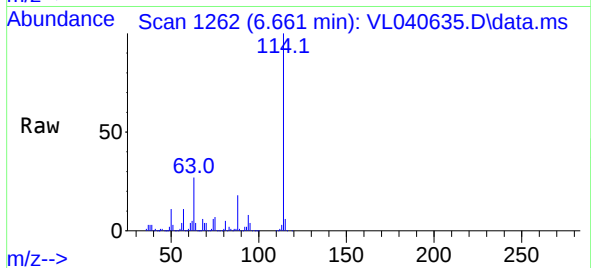
Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015



Tgt Ion:114 Resp: 249518

Ion Ratio Lower Upper

114 100

63 27.1 20.2 30.2

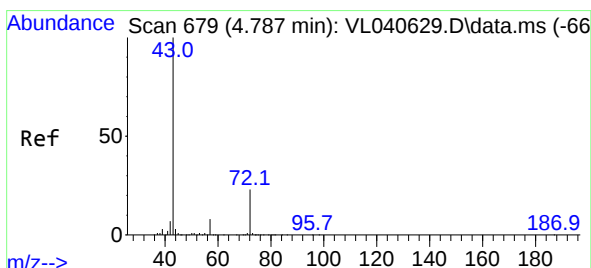
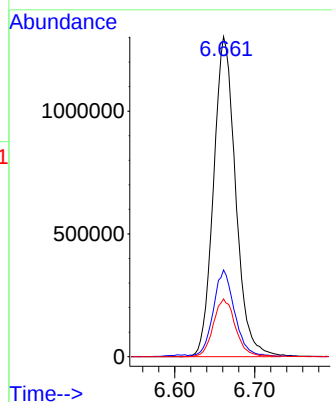
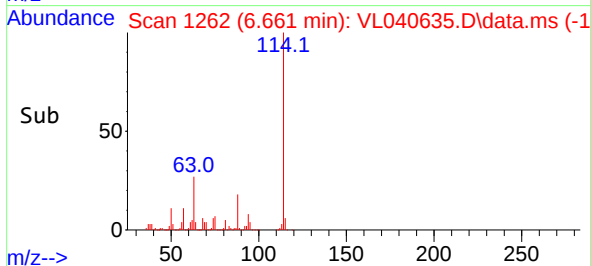
88 18.2 14.1 21.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#34

2-Butanone

Concen: 14.030 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.000 min

Lab File: VL040635.D

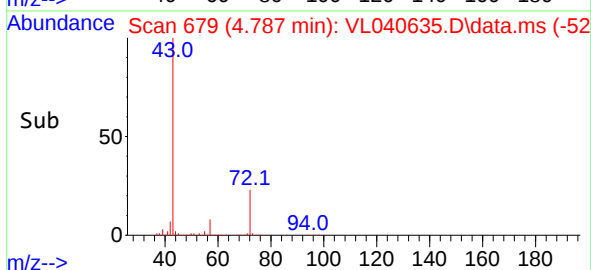
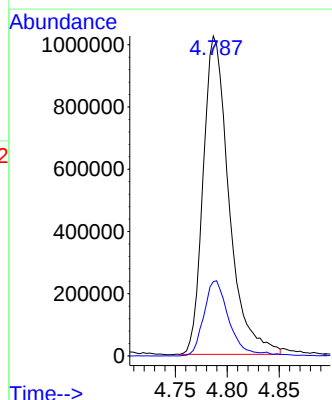
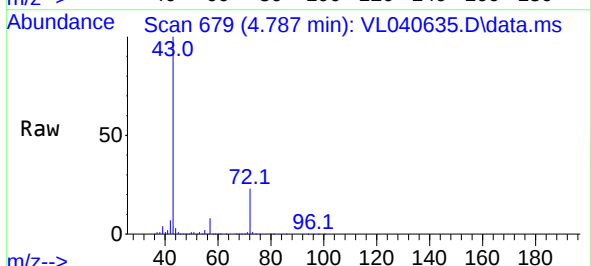
Acq: 15 Aug 2023 14:19

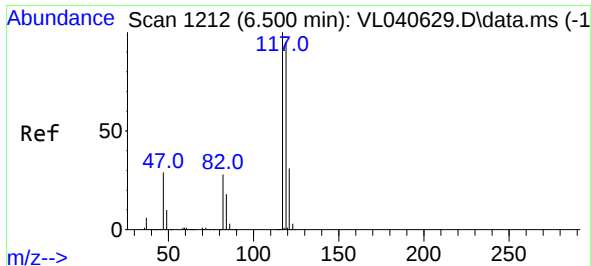
Tgt Ion: 43 Resp: 1765361

Ion Ratio Lower Upper

43 100

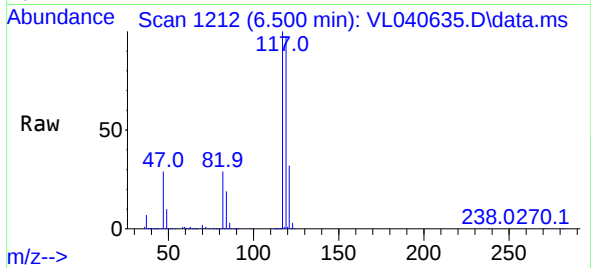
72 23.4 19.2 28.8





#35
Carbon Tetrachloride
Concen: 15.917 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

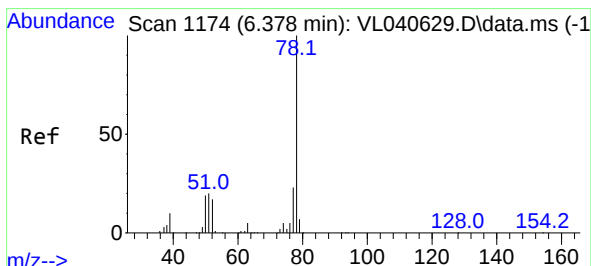
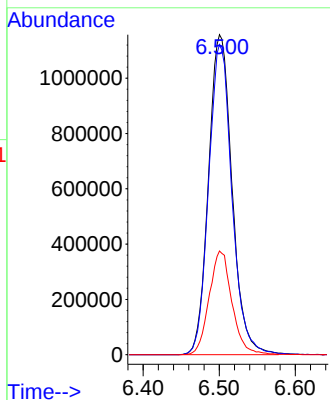
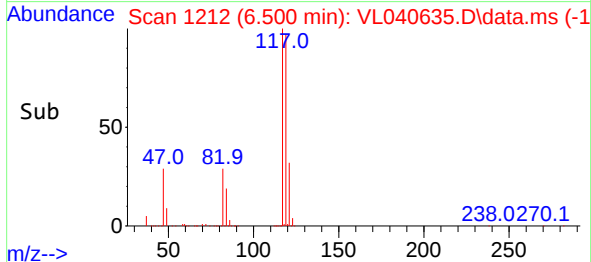
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



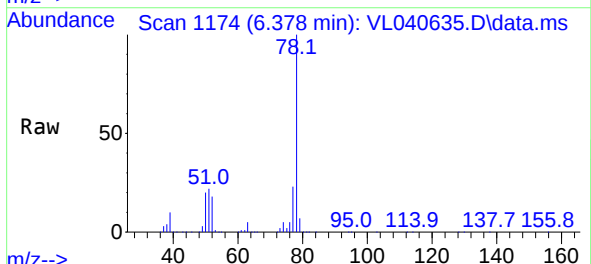
Tgt Ion:117 Resp: 2490130
Ion Ratio Lower Upper
117 100
119 96.9 75.6 113.4
121 32.4 24.9 37.3

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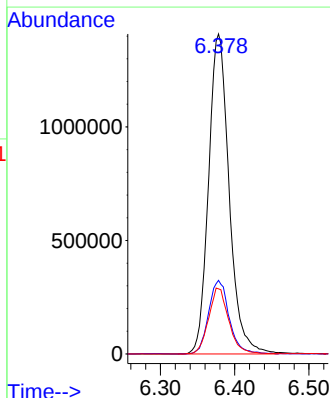
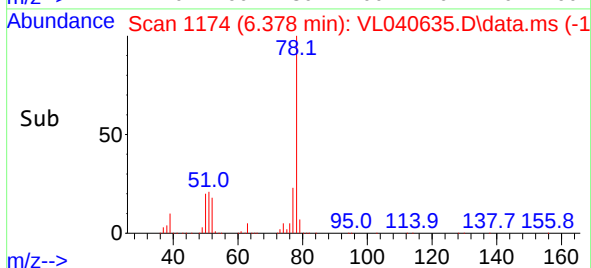
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

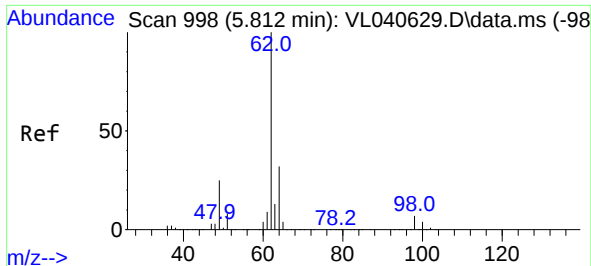


#36
Benzene
Concen: 13.658 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



Tgt Ion: 78 Resp: 2711289
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.2
50 20.3 15.0 22.6





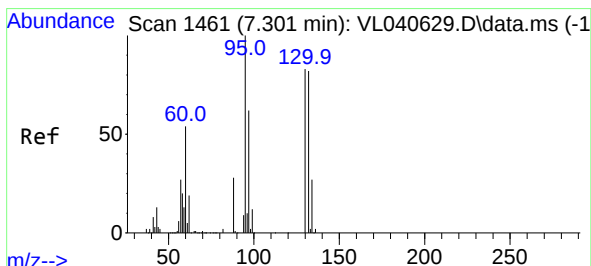
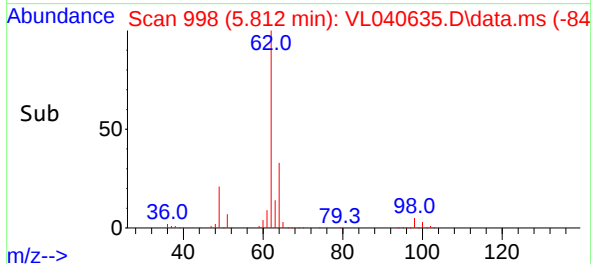
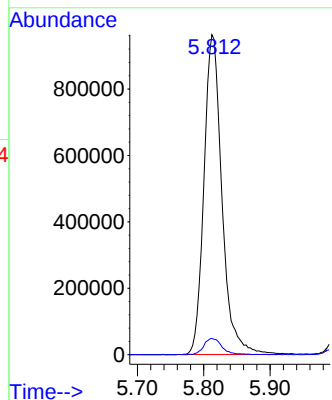
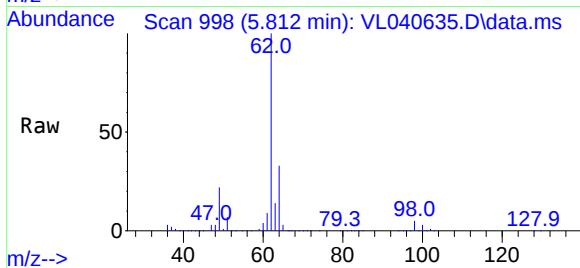
#37
1,2-Dichloroethane
Concen: 15.171 ppbv
RT: 5.812 min Scan# 98
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 62 Resp: 181620
Ion Ratio Lower Upper
62 100
98 5.2 4.9 7.3

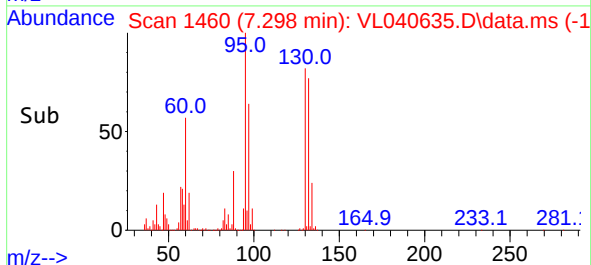
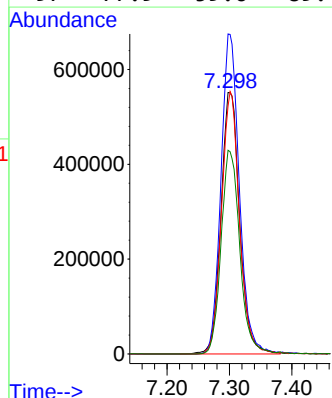
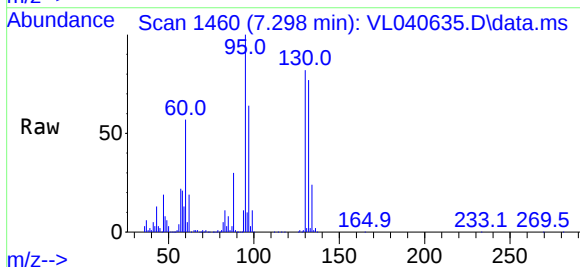
Manual Integrations
APPROVED

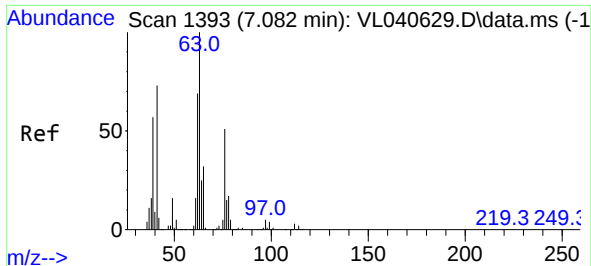
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#38
Trichloroethene
Concen: 14.845 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion:130 Resp: 1145936
Ion Ratio Lower Upper
130 100
95 122.4 95.9 143.9
132 94.8 79.0 118.4
97 77.9 59.6 89.4





#39

1,2-Dichloropropane

Concen: 13.994 ppbv

RT: 7.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 63 Resp: 105686

Ion Ratio Lower Upper

63 100

41 78.3 58.2 87.2

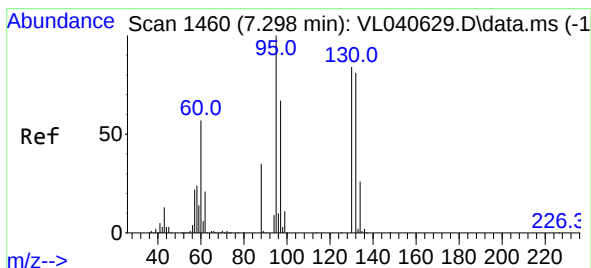
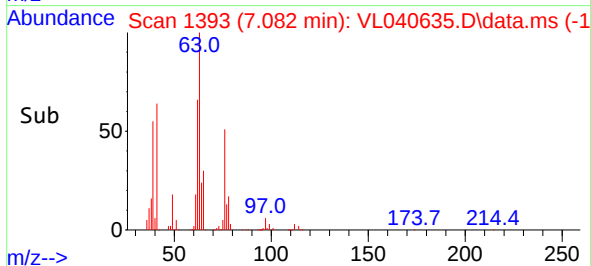
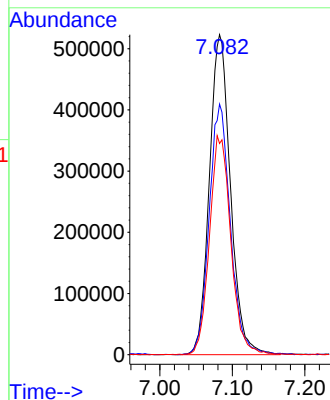
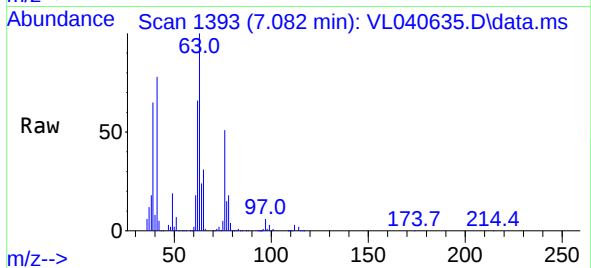
62 65.9 55.0 82.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#40

1,4-Dioxane

Concen: 16.434 ppbv

RT: 7.294 min Scan# 1459

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Tgt Ion: 88 Resp: 465963

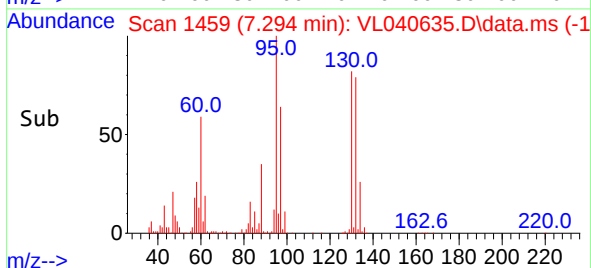
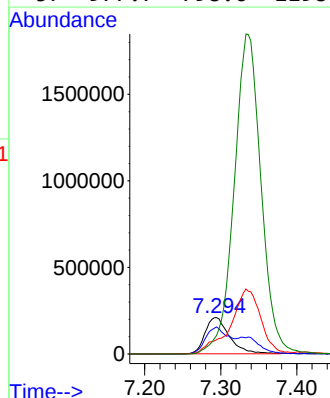
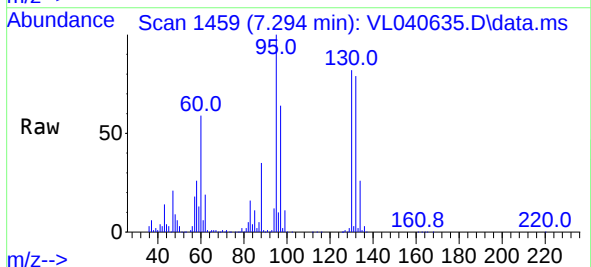
Ion Ratio Lower Upper

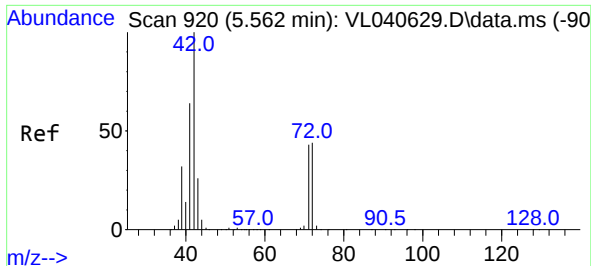
88 100

58 113.8 92.8 139.2

43 227.8 179.1 268.7

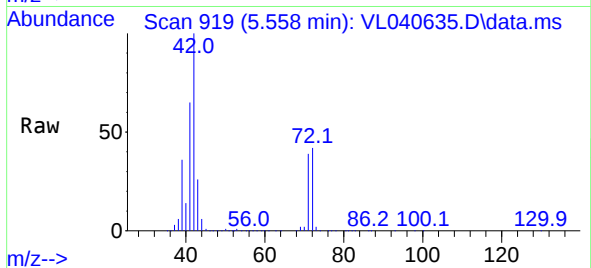
57 977.7 798.6 1198.0





#41
Tetrahydrofuran
Concen: 13.982 ppbv
RT: 5.558 min Scan# 919
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

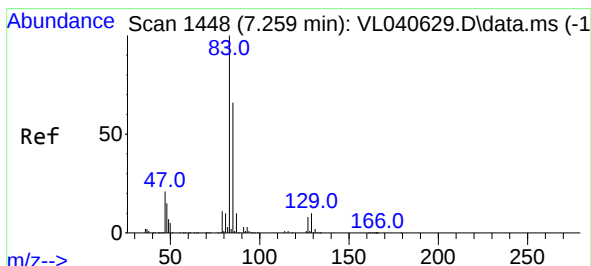
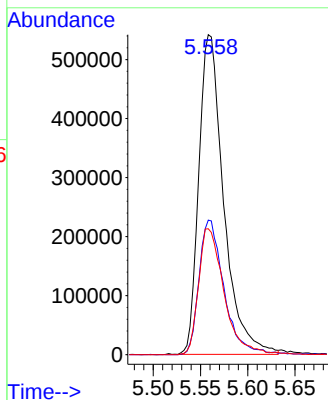
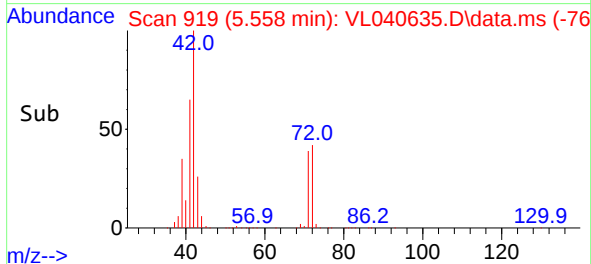
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



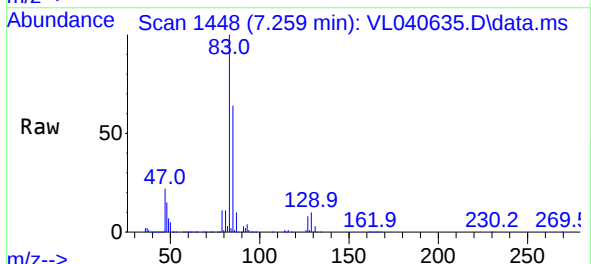
Tgt Ion: 42 Resp: 990095
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.4
71 40.8 33.4 50.0

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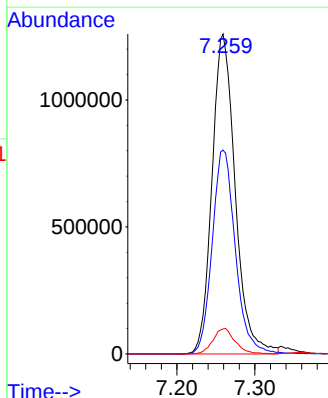
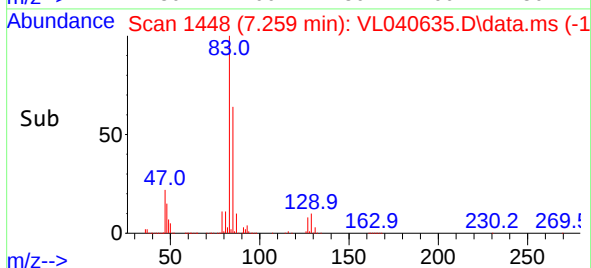
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

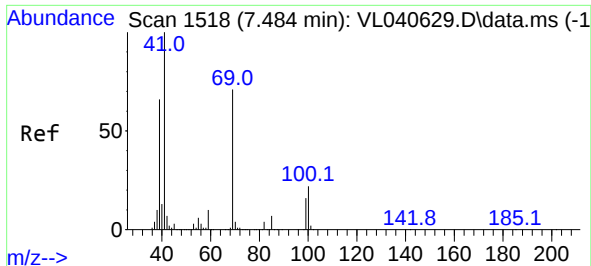


#42
Bromodichloromethane
Concen: 15.640 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



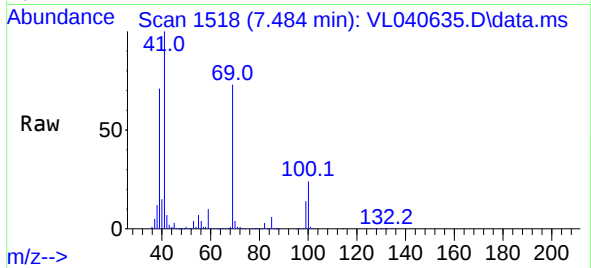
Tgt Ion: 83 Resp: 2606229
Ion Ratio Lower Upper
83 100
85 63.7 52.5 78.7
127 7.8 6.1 9.1





#43
Methyl Methacrylate
Concen: 15.506 ppbv
RT: 7.484 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

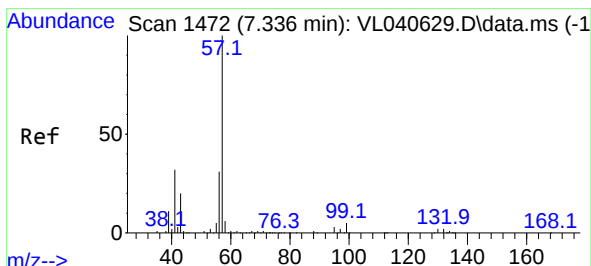
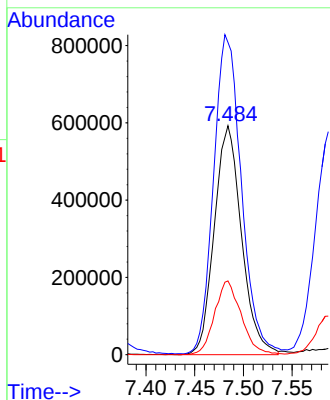
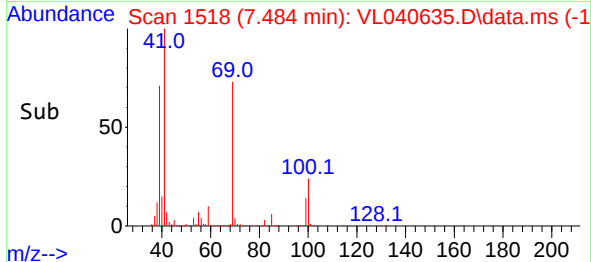
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



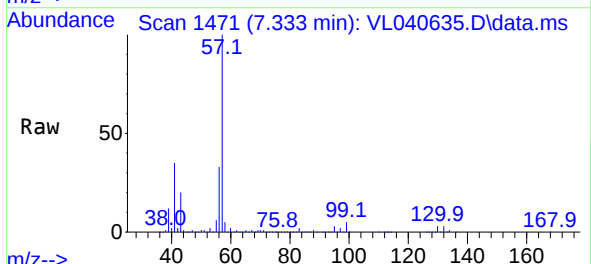
Tgt Ion: 69 Resp: 1151959
Ion Ratio Lower Upper
69 100
41 143.0 111.8 167.8
100 31.5 25.8 38.6

Manual Integrations
APPROVED

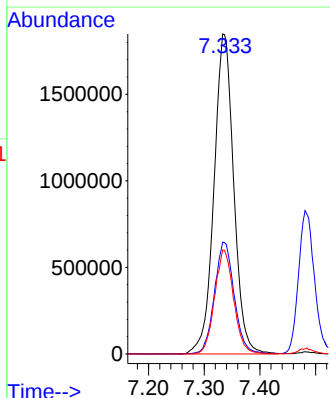
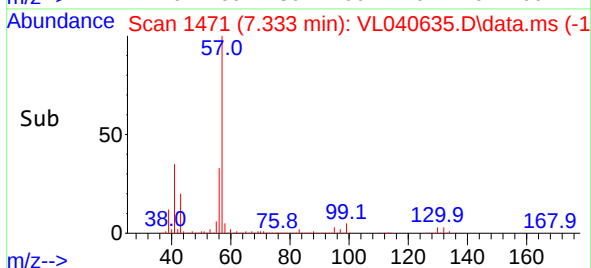
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

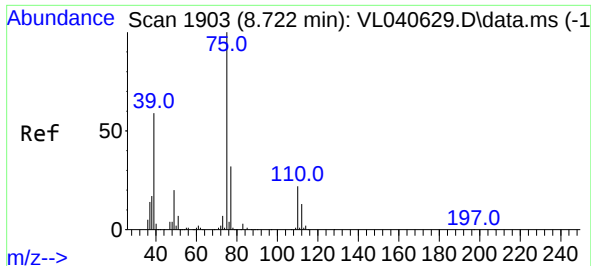


#44
2,2,4-Trimethylpentane
Concen: 14.190 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



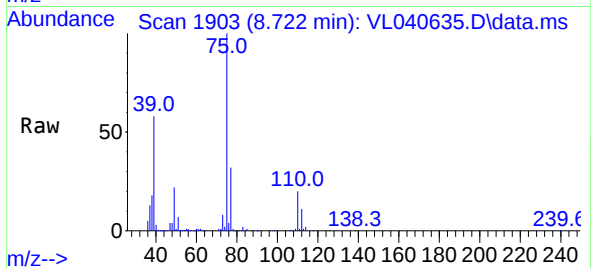
Tgt Ion: 57 Resp: 4552813
Ion Ratio Lower Upper
57 100
41 35.1 26.2 39.4
56 31.3 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 18.273 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

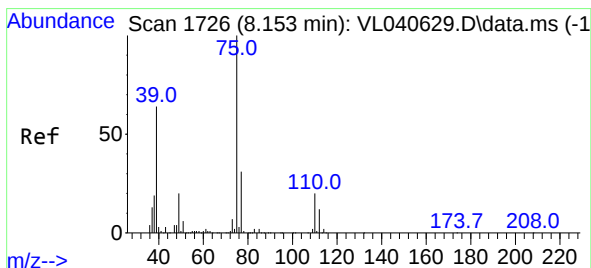
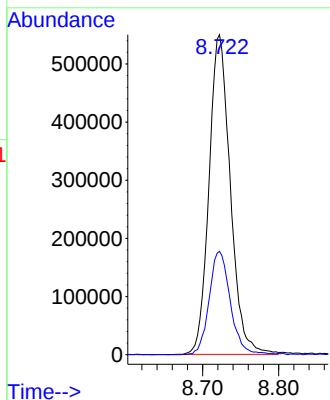
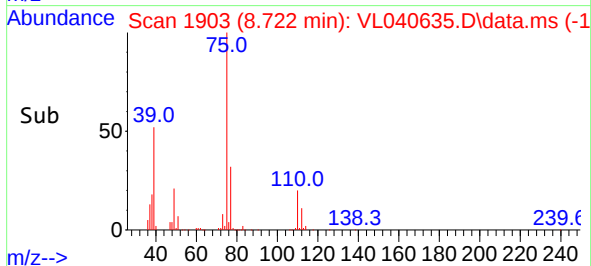
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



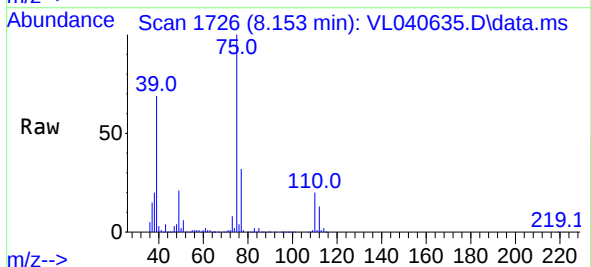
Tgt Ion: 75 Resp: 1070490
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4

Manual Integrations
APPROVED

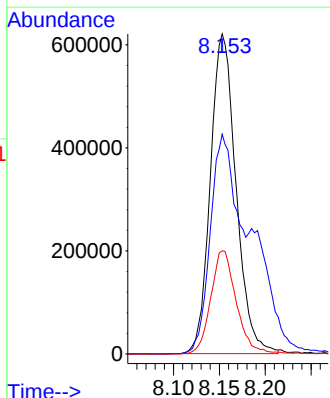
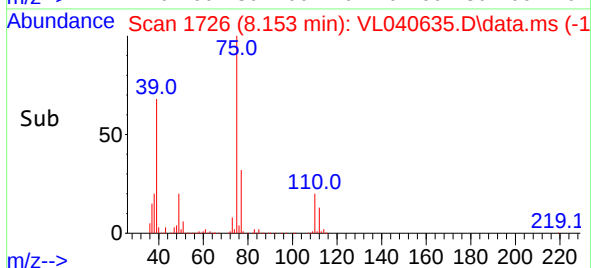
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

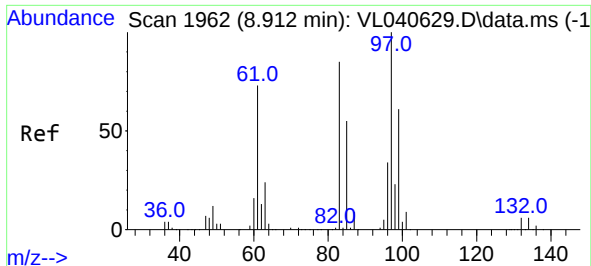


#46
cis-1,3-Dichloropropene
Concen: 16.725 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



Tgt Ion: 75 Resp: 1207095
Ion Ratio Lower Upper
75 100
39 68.6 51.0 76.4
77 32.3 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 14.194 ppbv

RT: 8.909 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1211570

Ion Ratio Lower Upper

97 100

83 85.9 67.8 101.8

85 59.0 44.0 66.0

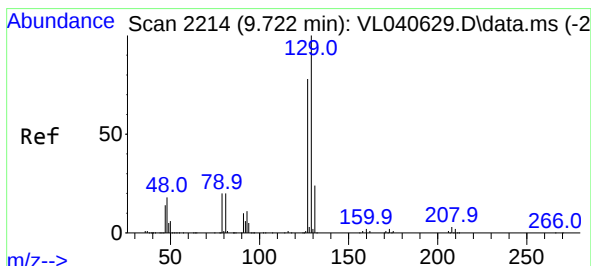
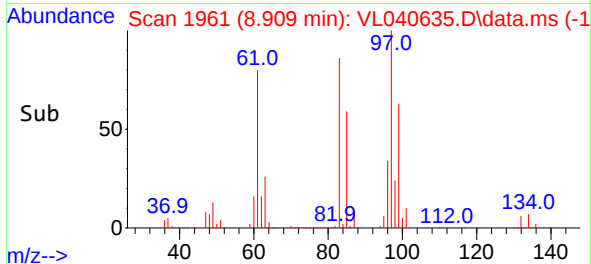
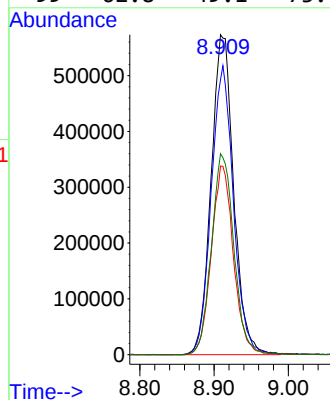
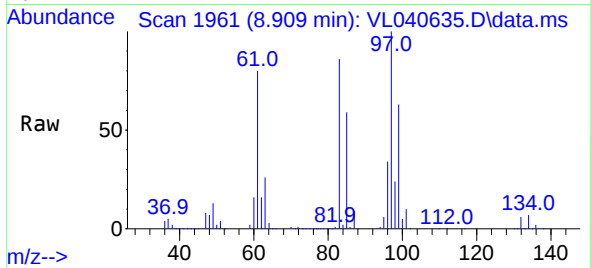
99 62.8 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#48

Dibromochloromethane

Concen: 16.292 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.003 min

Lab File: VL040635.D

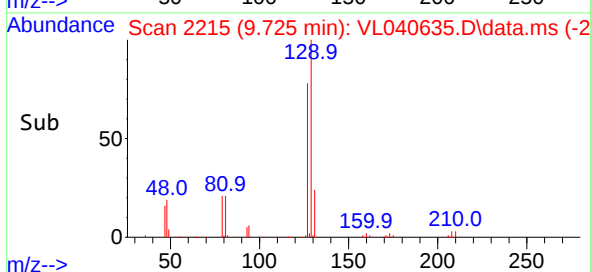
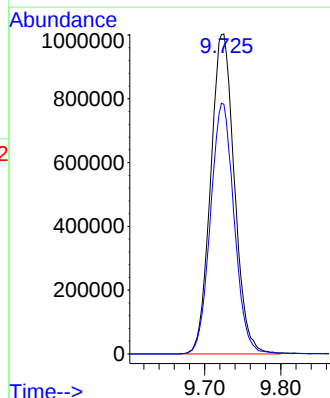
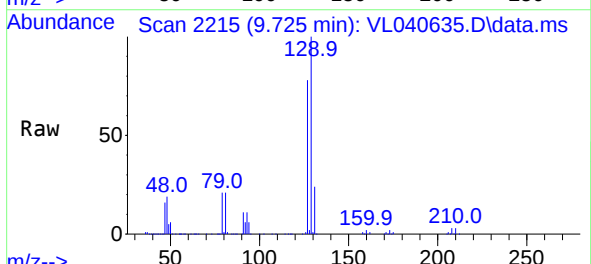
Acq: 15 Aug 2023 14:19

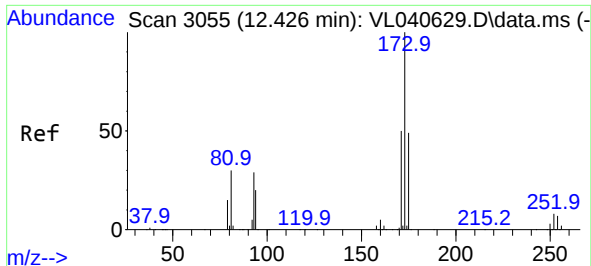
Tgt Ion:129 Resp: 2176412

Ion Ratio Lower Upper

129 100

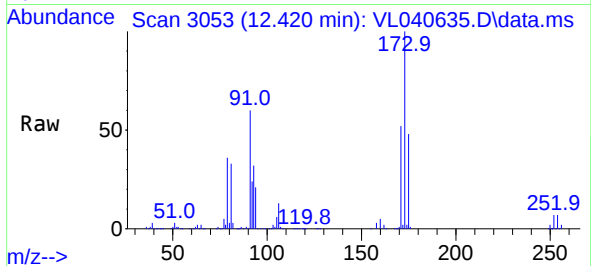
127 78.2 38.9 116.7





#49
Bromoform
Concen: 17.179 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. -0.007 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

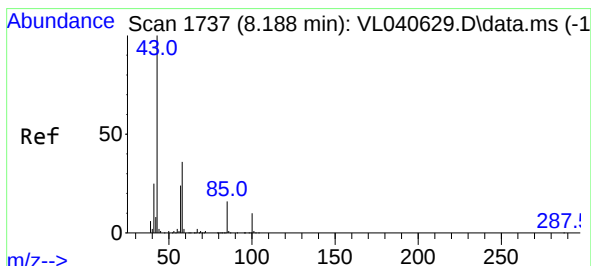
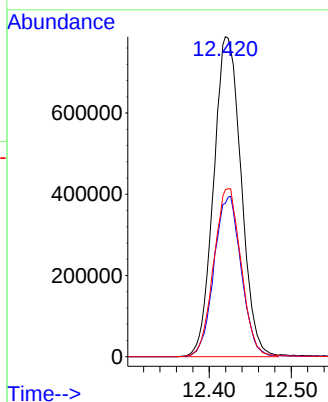
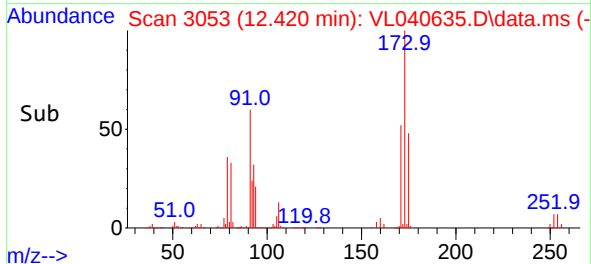
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



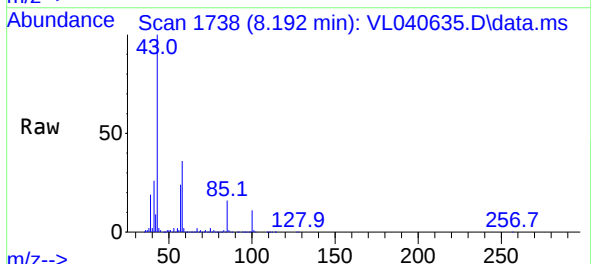
Tgt Ion: 173 Resp: 1833578
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.6
171 52.4 41.9 62.9

Manual Integrations
APPROVED

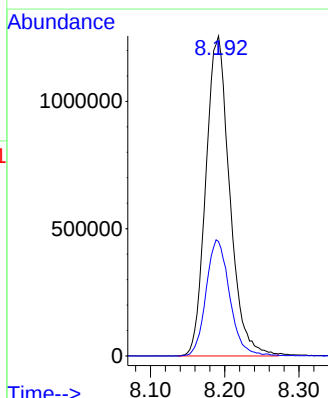
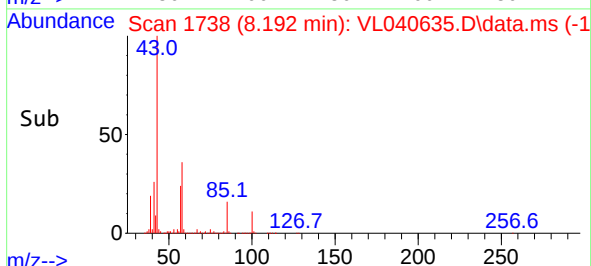
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

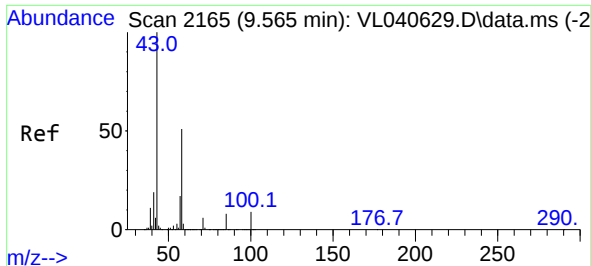


#50
4-Methyl-2-Pentanone
Concen: 15.191 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



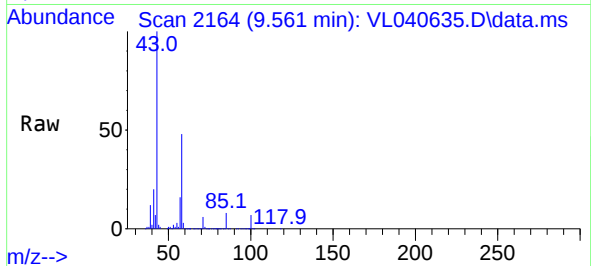
Tgt Ion: 43 Resp: 2796759
Ion Ratio Lower Upper
43 100
58 36.1 29.2 43.8





#51
2-Hexanone
Concen: 16.488 ppbv
RT: 9.561 min Scan# 2165
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

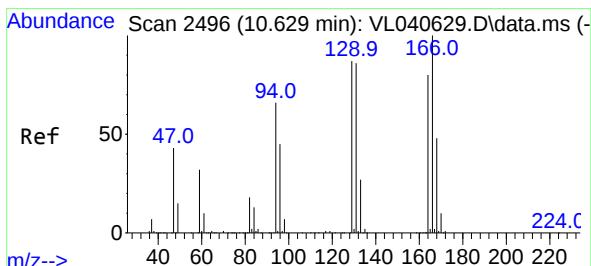
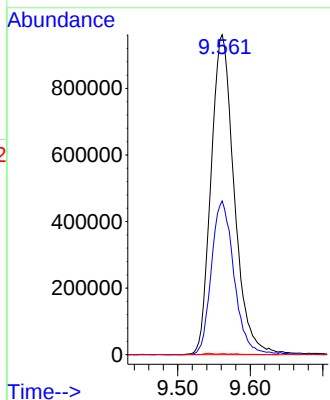
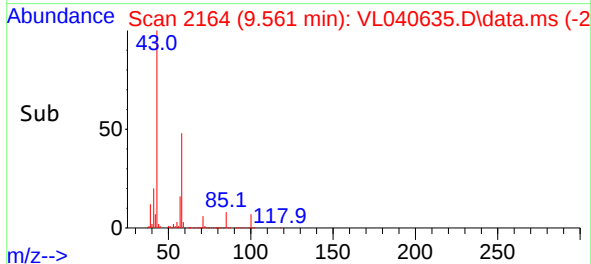
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



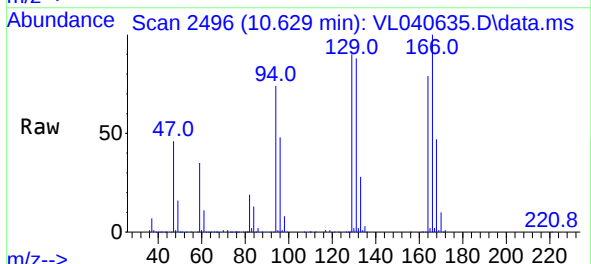
Tgt Ion: 43 Resp: 212831
Ion Ratio Lower Upper
43 100
58 47.4 39.4 59.2
98 0.5 0.4 0.6

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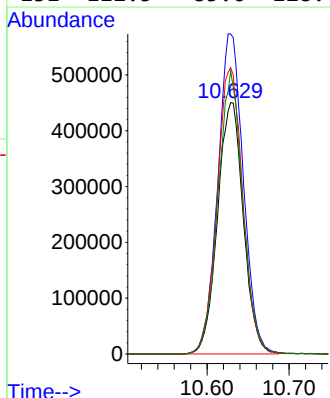
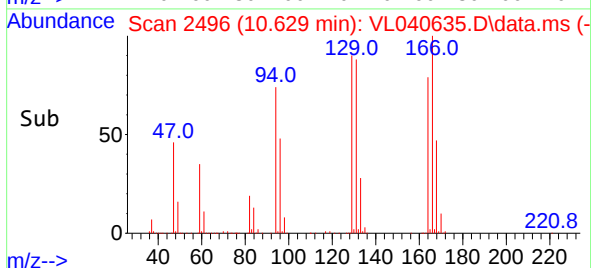
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

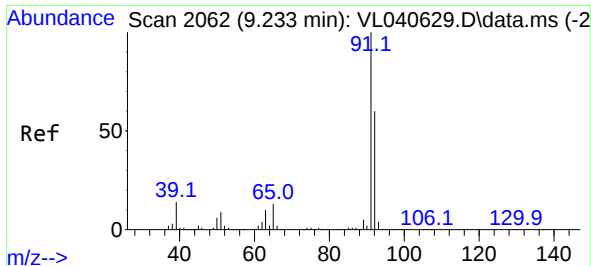


#52
Tetrachloroethene
Concen: 15.836 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



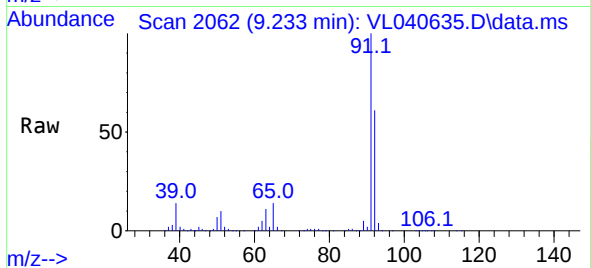
Tgt Ion:164 Resp: 984396
Ion Ratio Lower Upper
164 100
166 127.3 99.5 149.3
129 114.0 86.9 130.3
131 112.5 85.6 128.4





#53
Toluene
Concen: 15.330 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

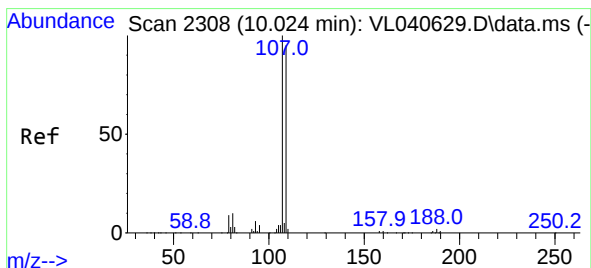
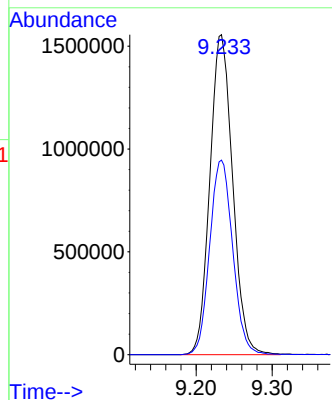
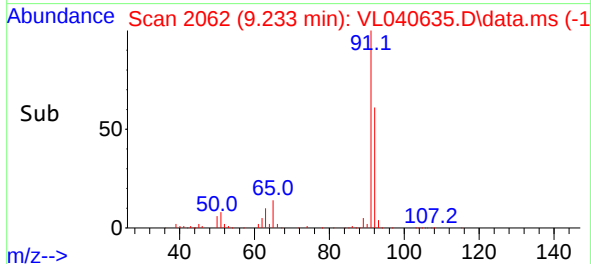
Instrument : MSVOA_L
ClientSampleId : VSTDICC015



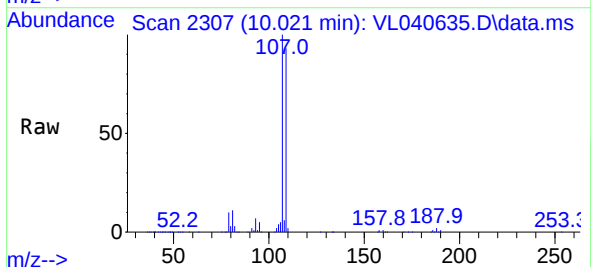
Tgt Ion: 91 Resp: 323382
Ion Ratio Lower Upper
91 100
92 61.5 48.0 72.0

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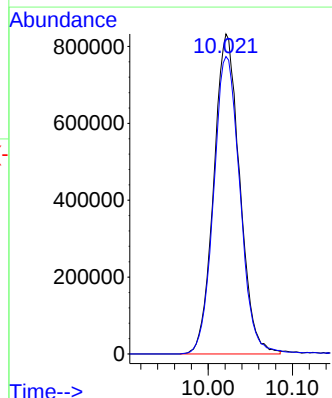
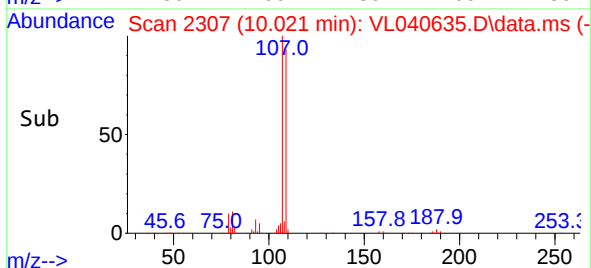
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

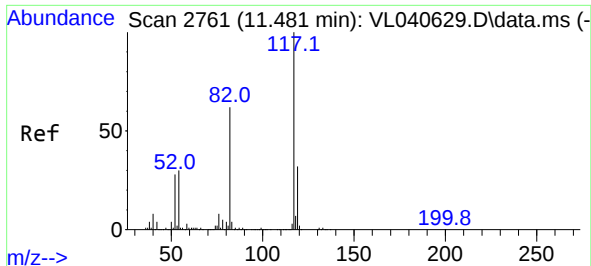


#54
1,2-Dibromoethane
Concen: 17.350 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



Tgt Ion:107 Resp: 1777408
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5





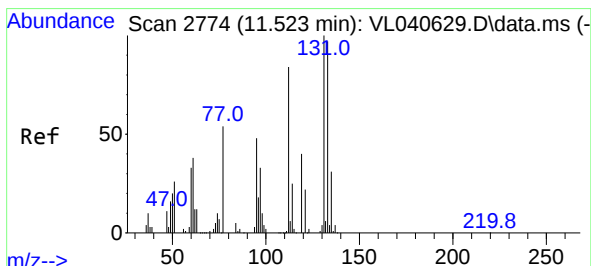
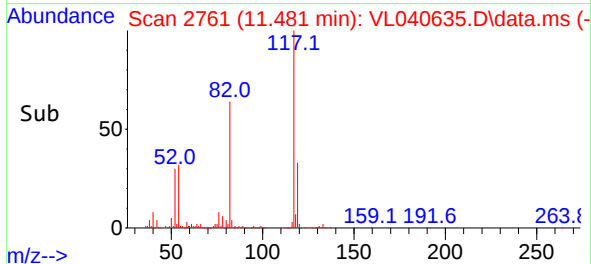
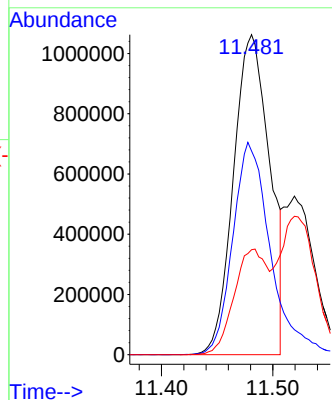
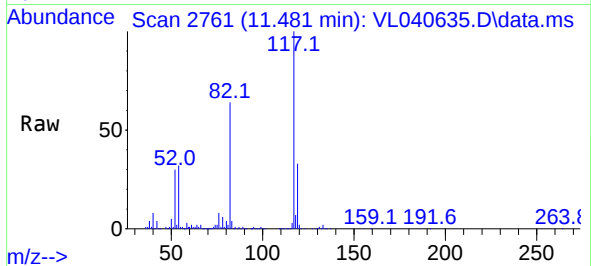
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 239833
Ion Ratio Lower Upper
117 100
82 69.7 49.5 74.3
119 32.2 24.5 36.7

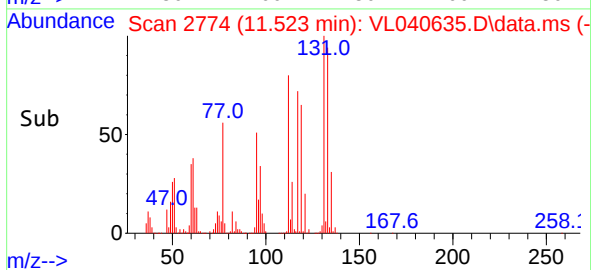
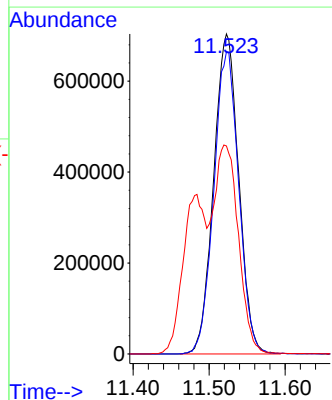
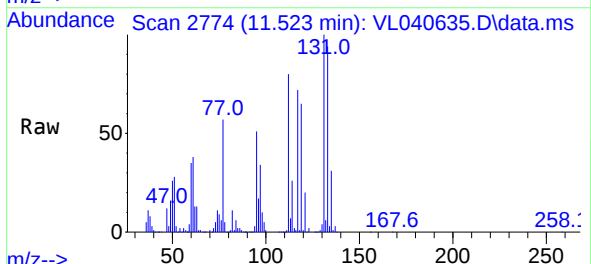
Manual Integrations
APPROVED

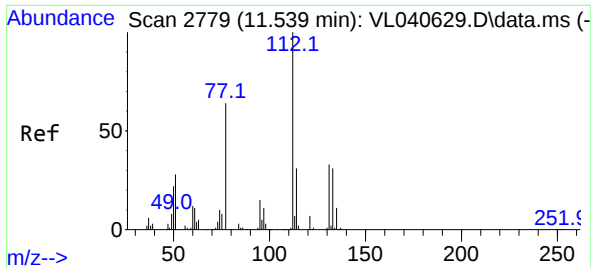
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 14.448 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

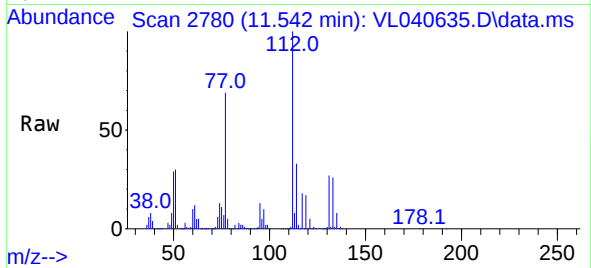
Tgt Ion:131 Resp: 1604694
Ion Ratio Lower Upper
131 100
133 94.7 75.4 113.0
119 70.1 51.0 76.6





#57
Chlorobenzene
Concen: 14.024 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

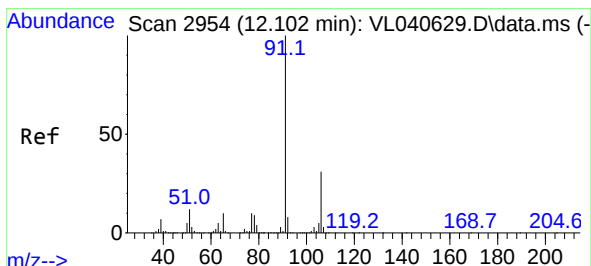
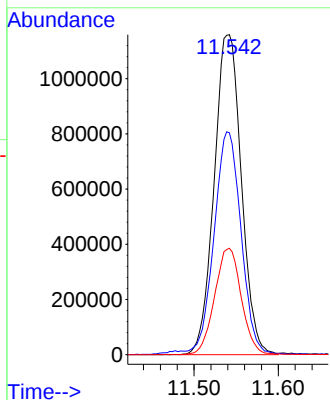
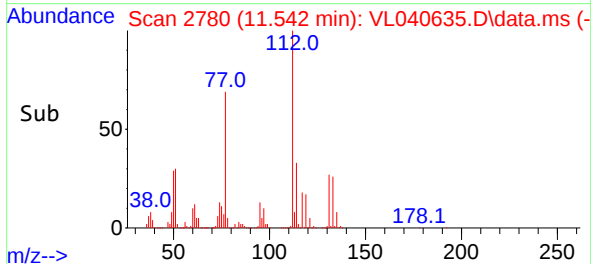
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



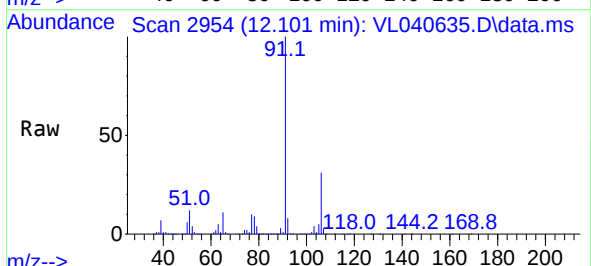
Tgt Ion:112 Resp: 2595900
Ion Ratio Lower Upper
112 100
77 69.0 52.5 78.7
114 33.2 27.8 34.0

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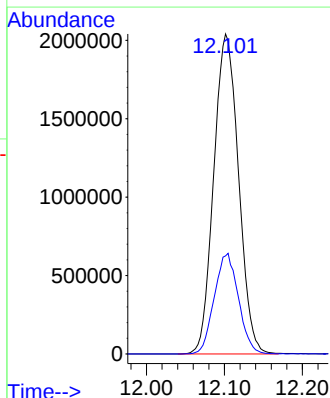
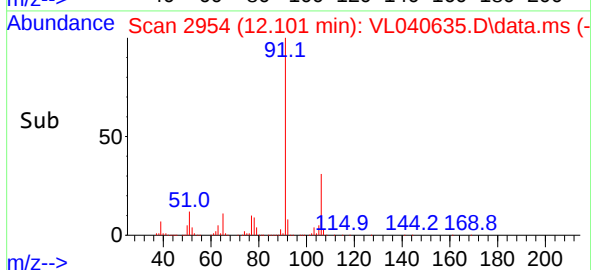
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

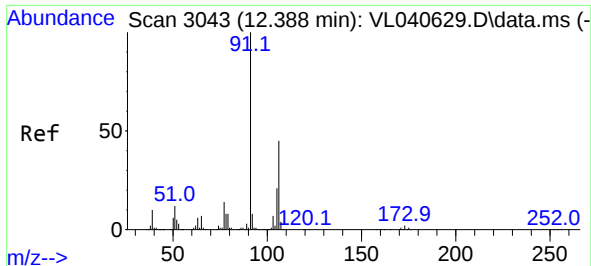


#58
Ethyl Benzene
Concen: 15.594 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



Tgt Ion: 91 Resp: 4510008
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8





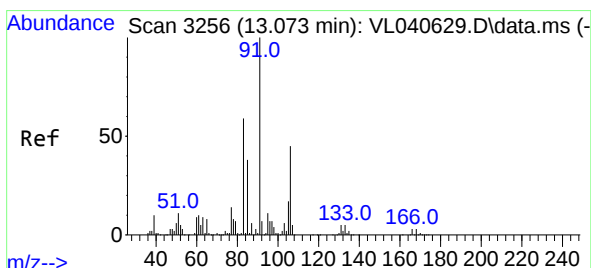
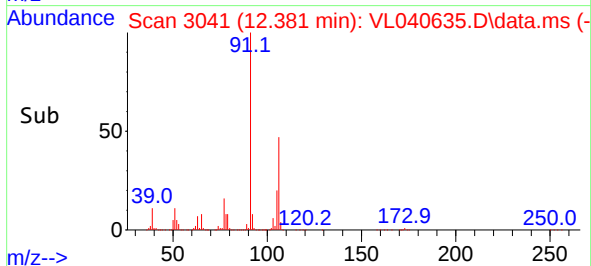
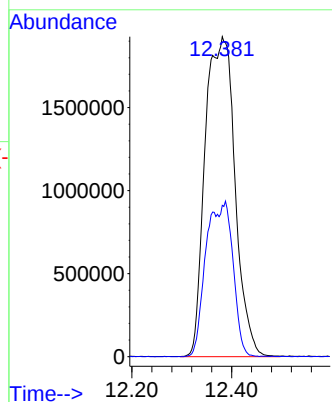
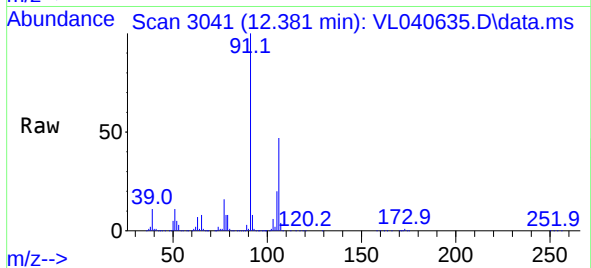
#59
m/p-Xylene
Concen: 30.324 ppbv m
RT: 12.381 min Scan# 3043
Delta R.T. -0.007 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 799242
Ion Ratio Lower Upper
91 100
106 44.0 35.3 52.9

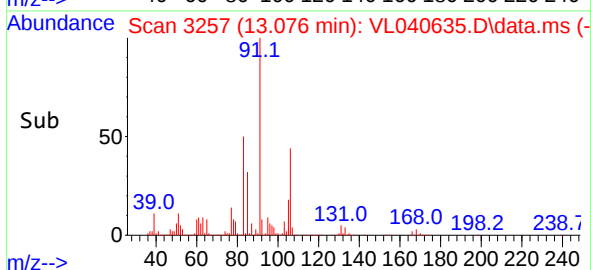
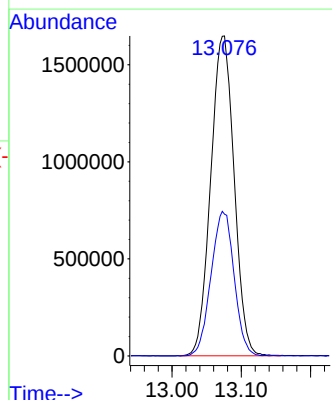
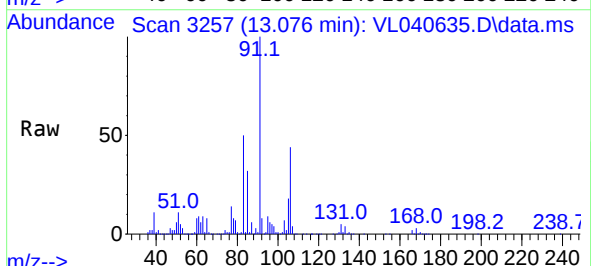
Manual Integrations
APPROVED

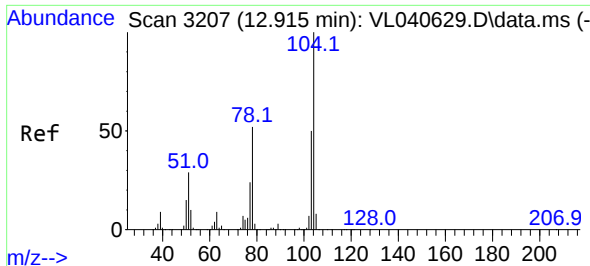
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#60
o-Xylene
Concen: 15.478 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

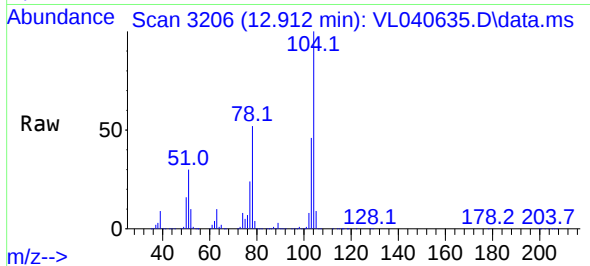
Tgt Ion: 91 Resp: 3870302
Ion Ratio Lower Upper
91 100
106 44.7 22.5 67.5





#61
Styrene
Concen: 17.682 ppbv
RT: 12.912 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

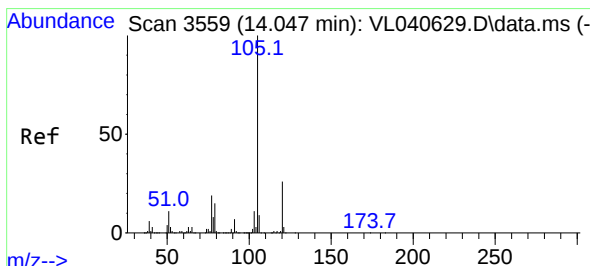
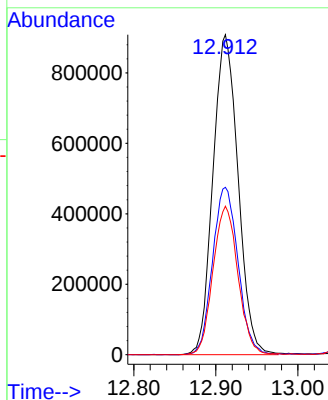
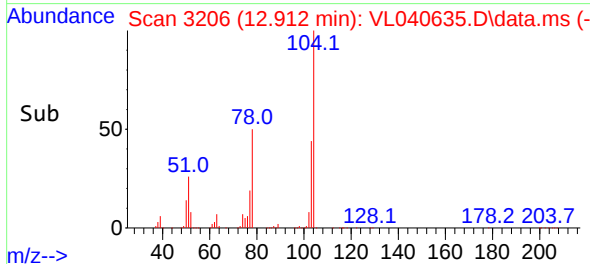
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



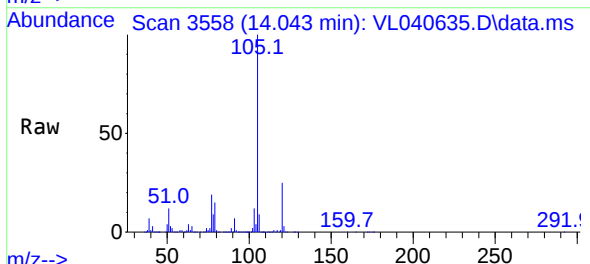
Tgt Ion:104 Resp: 193694
Ion Ratio Lower Upper
104 100
78 53.2 41.0 61.4
103 46.2 37.3 55.9

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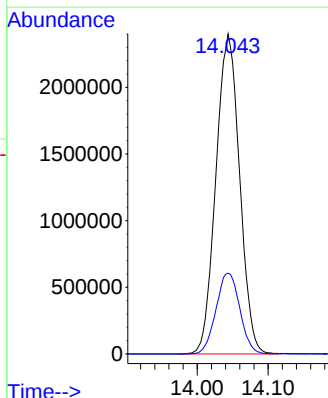
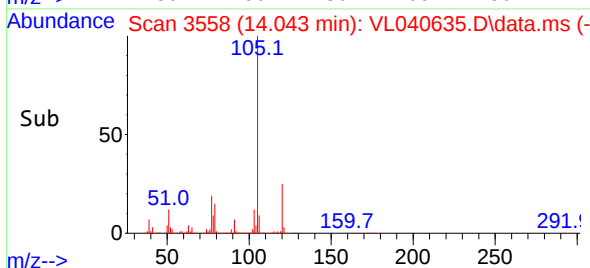
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

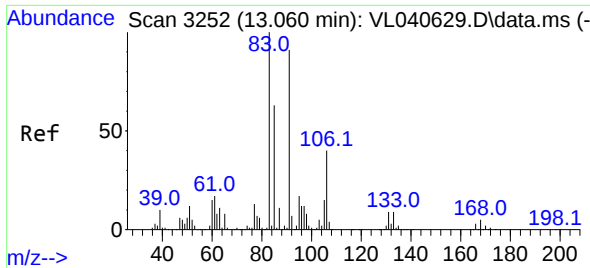


#62
Isopropylbenzene
Concen: 14.736 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



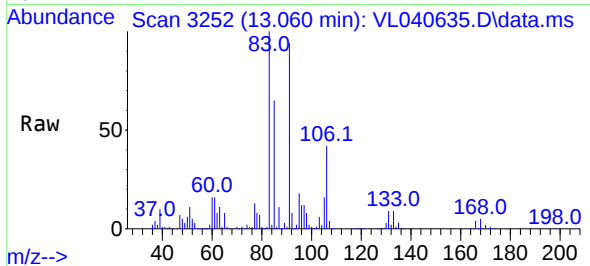
Tgt Ion:105 Resp: 5575358
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 14.823 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

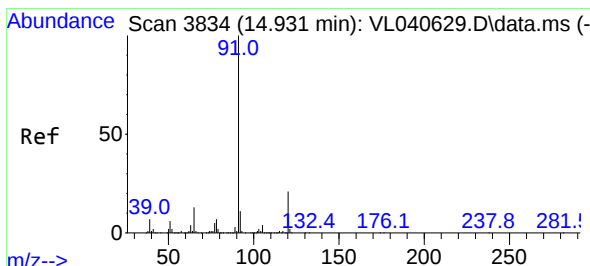
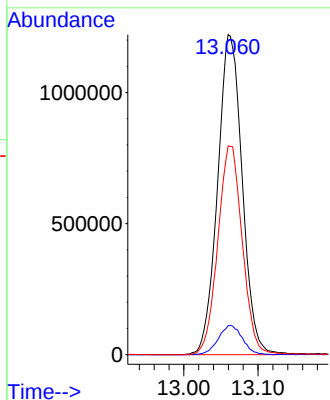
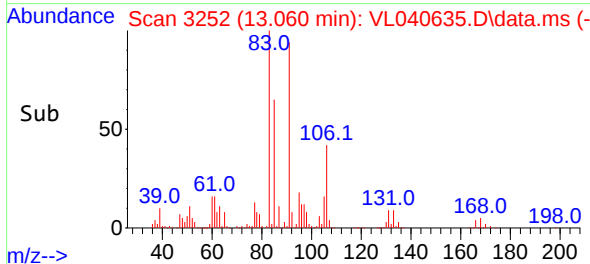
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



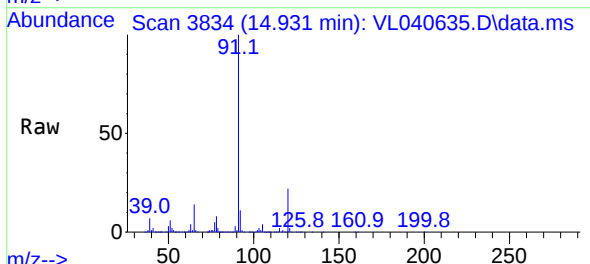
Tgt Ion: 83 Resp: 280907
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.3 32.4 97.2

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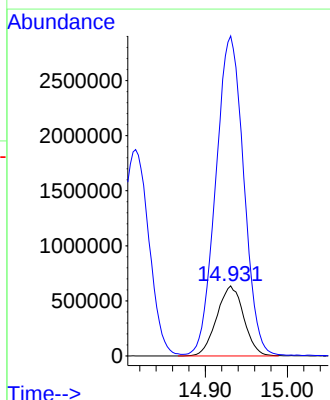
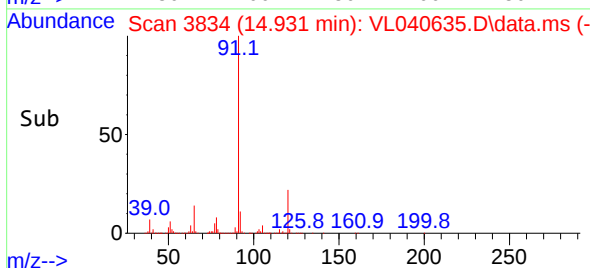
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

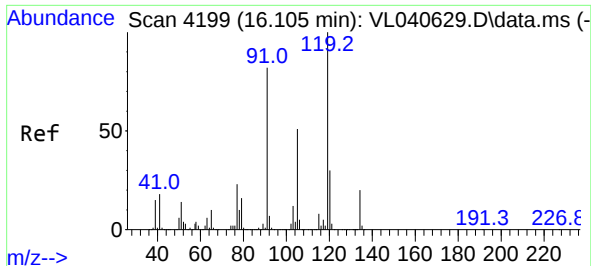


#64
n-propylbenzene
Concen: 15.187 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



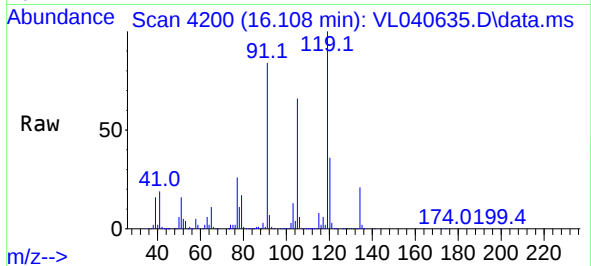
Tgt Ion:120 Resp: 1452666
Ion Ratio Lower Upper
120 100
91 473.6 387.8 581.8





#65
tert-Butylbenzene
Concen: 15.110 ppbv
RT: 16.108 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

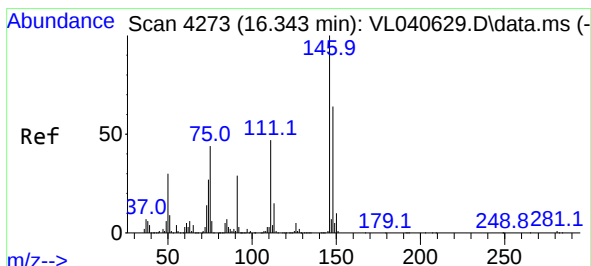
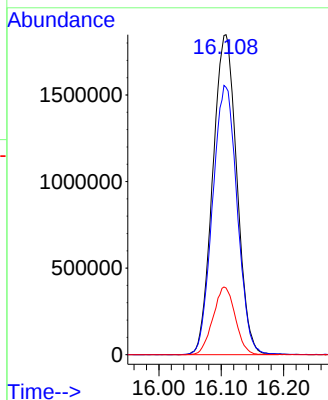
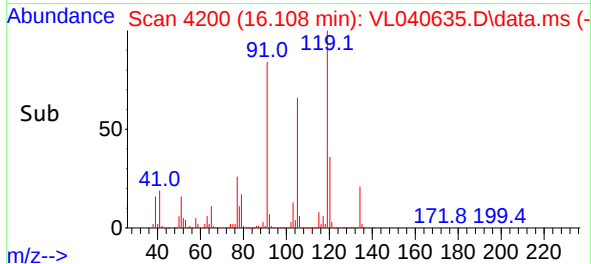
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



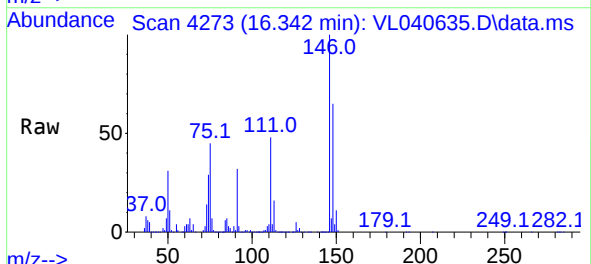
Tgt Ion: 119 Resp: 4955828
Ion Ratio Lower Upper
119 100
91 86.0 67.8 101.6
134 19.5 15.7 23.5

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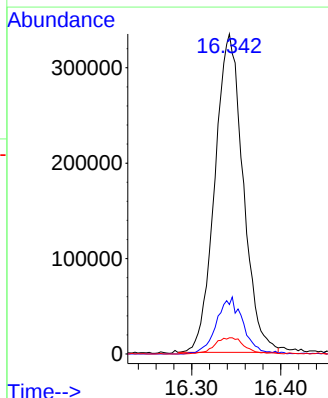
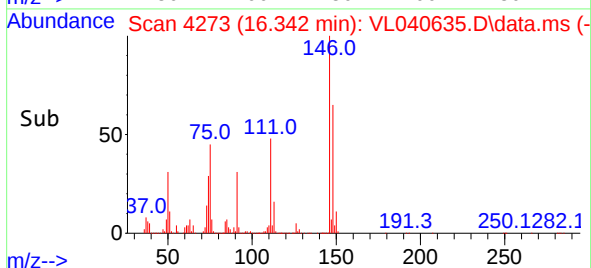
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

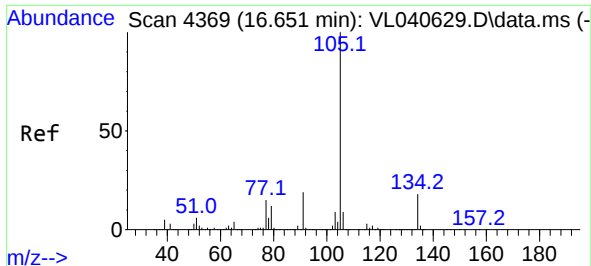


#66
Benzyl Chloride
Concen: 17.949 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



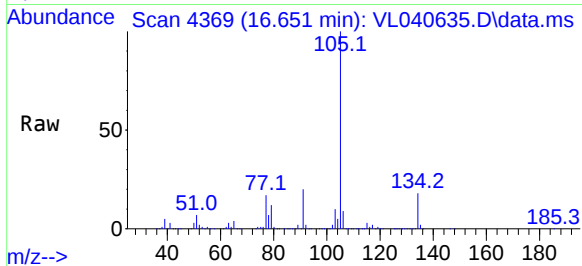
Tgt Ion: 91 Resp: 734838
Ion Ratio Lower Upper
91 100
126 16.8 13.6 20.4
128 5.4 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 14.655 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

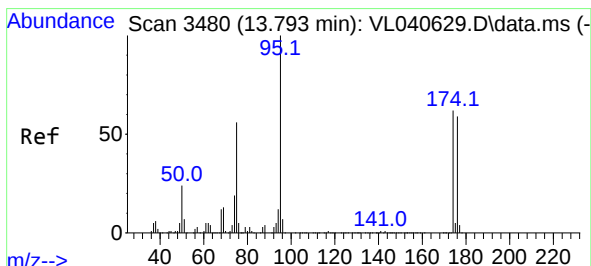
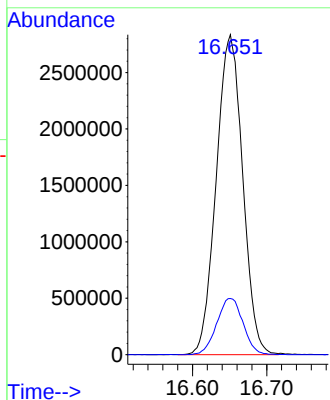
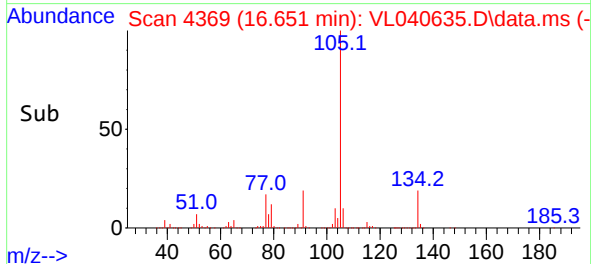
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



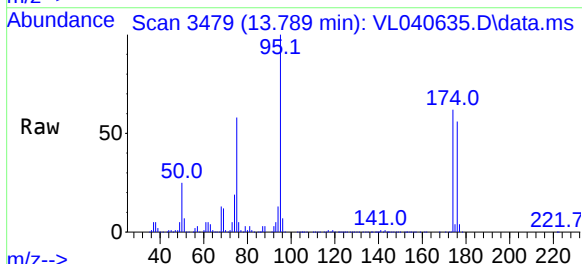
Tgt Ion: 105 Resp: 701271
 Ion Ratio Lower Upper
 105 100
 134 17.5 13.8 20.8

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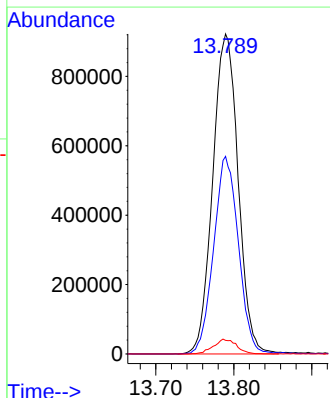
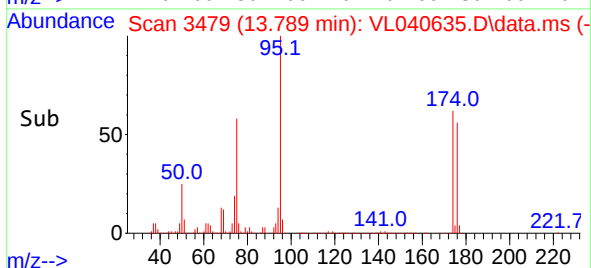
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

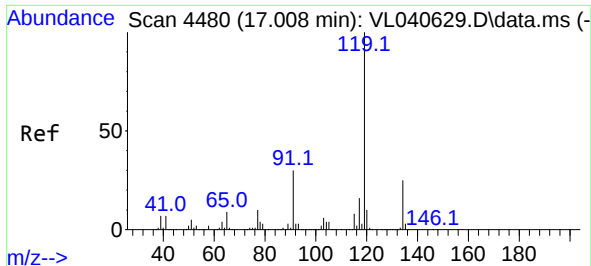


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.946 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. -0.003 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19



Tgt Ion: 95 Resp: 2087812
 Ion Ratio Lower Upper
 95 100
 174 60.4 49.1 73.7
 175 4.2 3.7 5.5





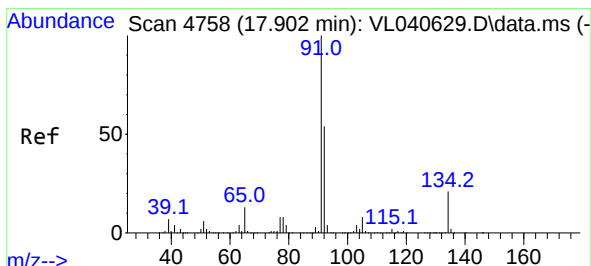
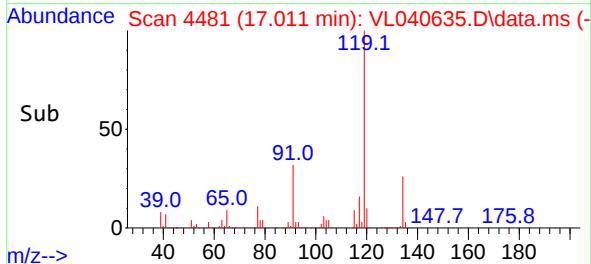
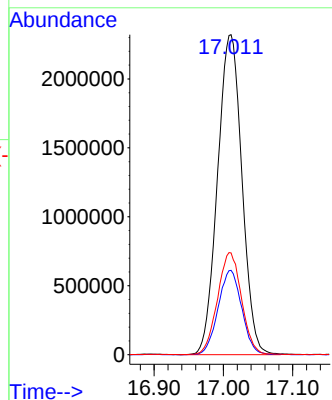
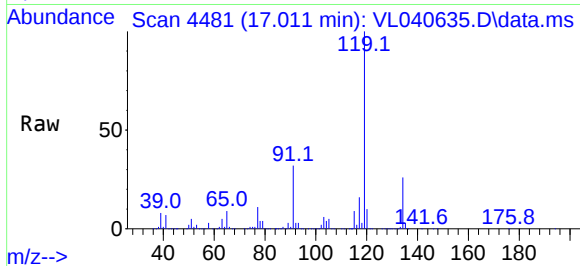
#69
p-Isopropyltoluene
Concen: 15.180 ppbv
RT: 17.011 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:119 Resp: 5683660
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 31.4 24.2 36.4

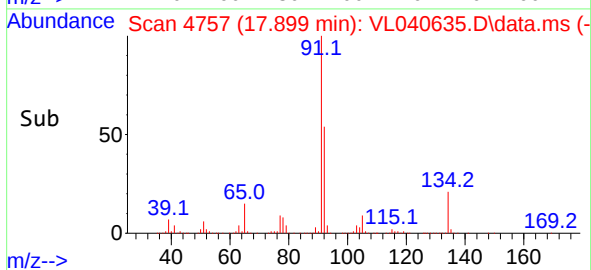
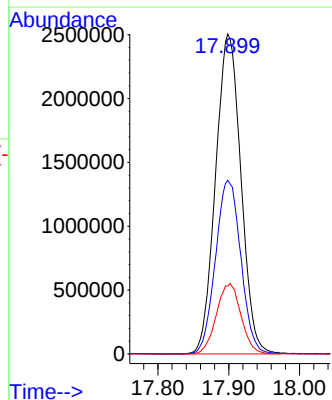
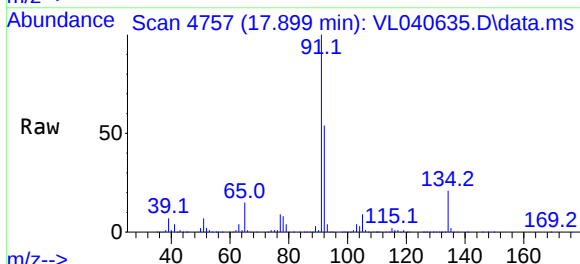
Manual Integrations
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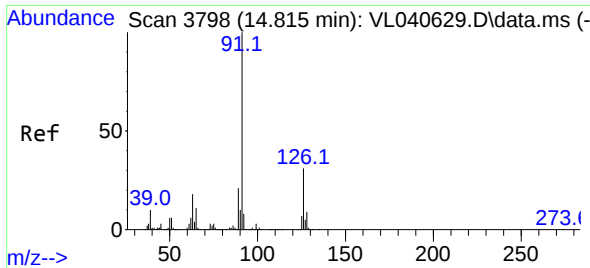
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#70
n-Butylbenzene
Concen: 15.225 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 91 Resp: 6223759
Ion Ratio Lower Upper
91 100
92 54.3 42.9 64.3
134 21.4 17.0 25.6





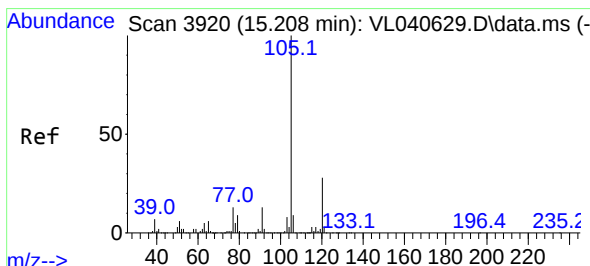
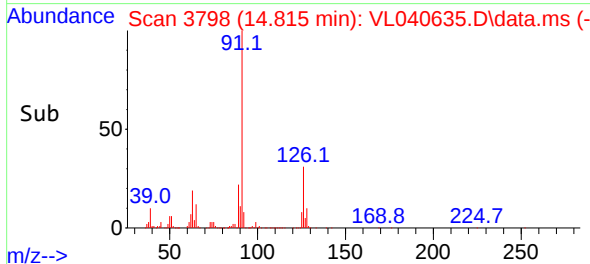
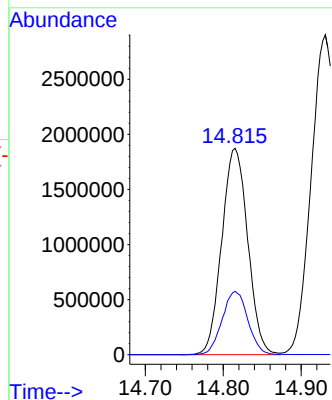
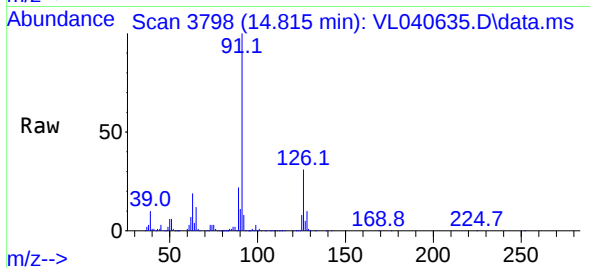
#71
2-Chlorotoluene
Concen: 15.463 ppbv
RT: 14.815 min Scan# 3798
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 4341759
Ion Ratio Lower Upper
91 100
126 30.4 12.2 49.0

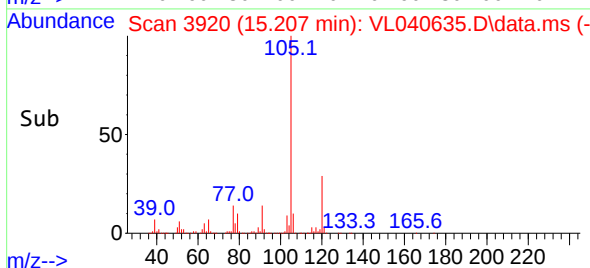
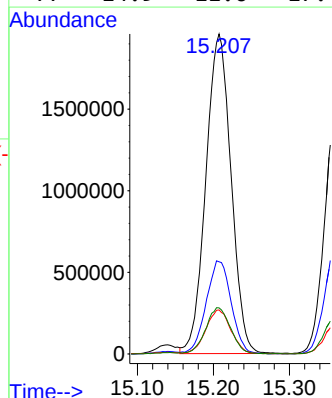
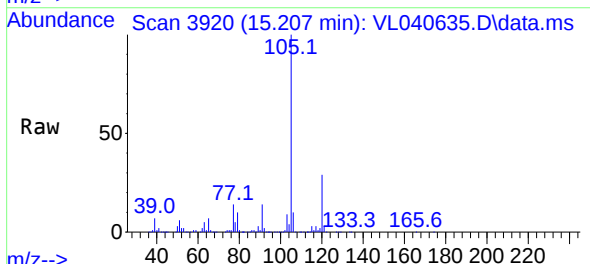
Manual Integrations
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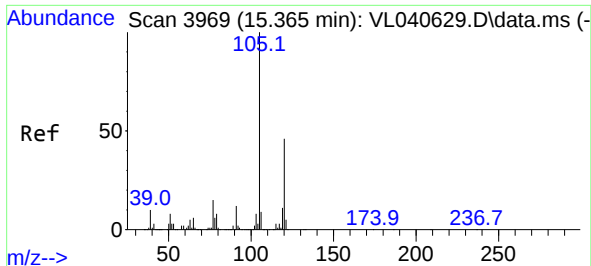
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#72
4-Ethyltoluene
Concen: 15.963 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion:105 Resp: 4506056
Ion Ratio Lower Upper
105 100
120 29.7 23.0 34.6
91 13.6 10.9 16.3
77 14.9 11.6 17.4





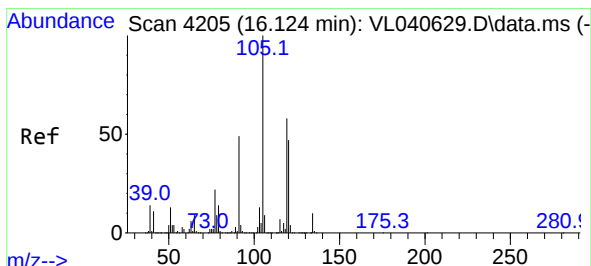
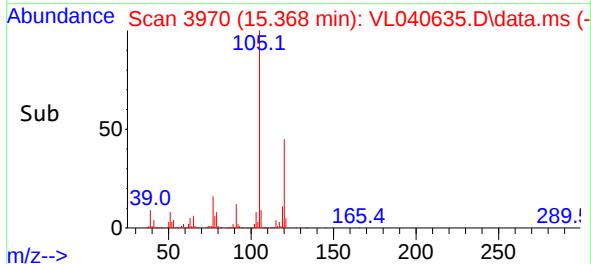
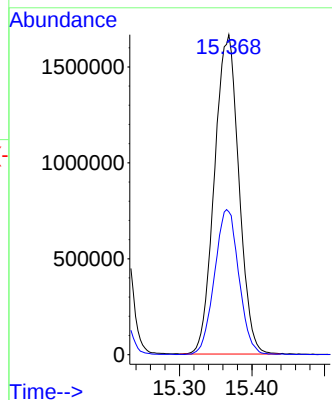
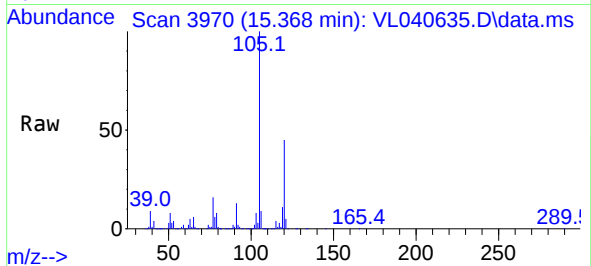
#73
1,3,5-Trimethylbenzene
Concen: 15.480 ppbv
RT: 15.368 min Scan# 3969
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 3897010
Ion Ratio Lower Upper
105 100
120 44.6 36.5 54.7

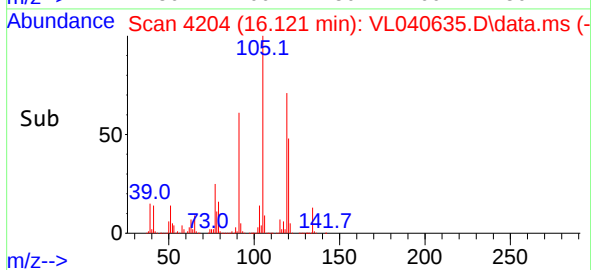
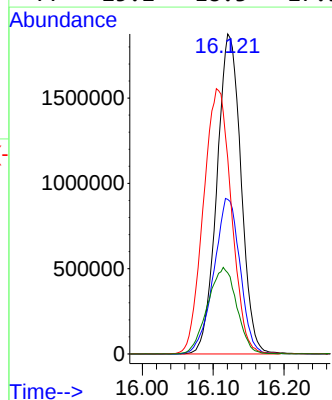
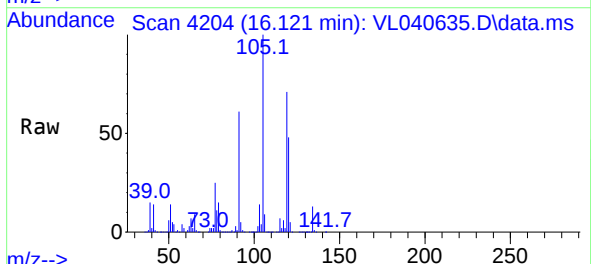
Manual Integrations
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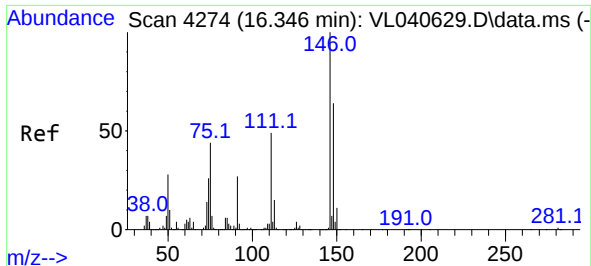
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#74
1,2,4-Trimethylbenzene
Concen: 15.009 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

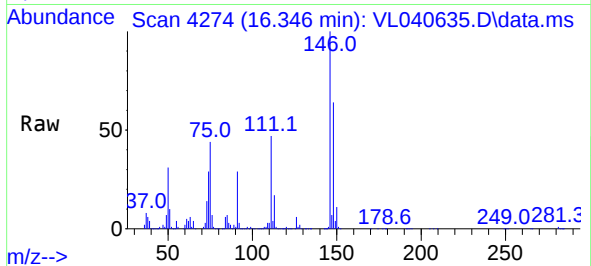
Tgt Ion:105 Resp: 4422972
Ion Ratio Lower Upper
105 100
120 48.2 37.7 56.5
91 61.1 41.2 61.8
77 25.2 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 14.868 ppbv
RT: 16.346 min Scan# 4319
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

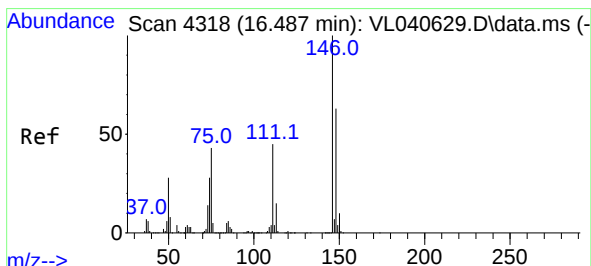
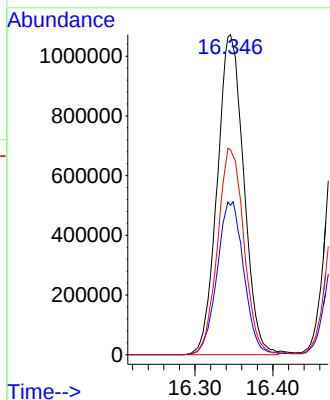
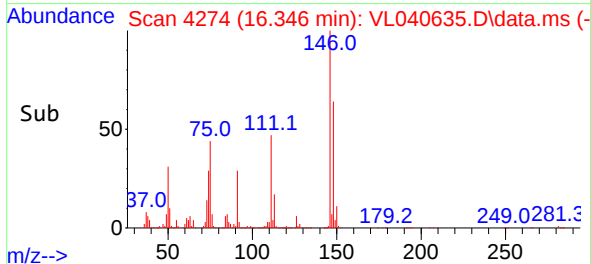
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



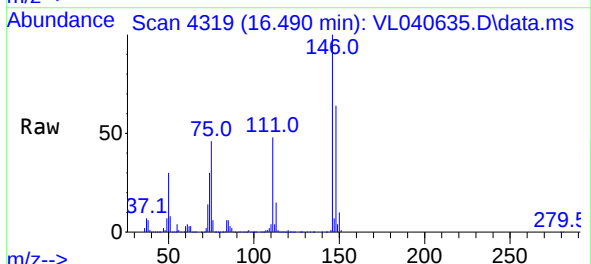
Tgt Ion:146 Resp: 2528830
Ion Ratio Lower Upper
146 100
111 48.3 23.7 71.1
148 64.3 31.7 95.1

Manual Integrations
APPROVED

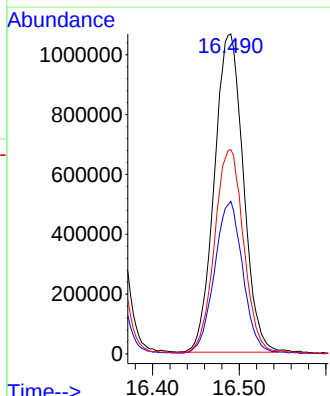
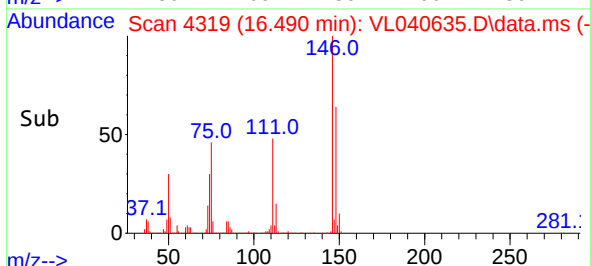
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

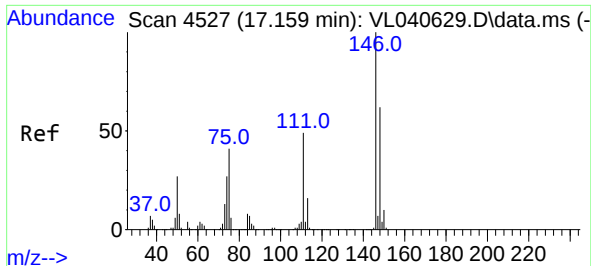


#76
1,4-Dichlorobenzene
Concen: 14.512 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



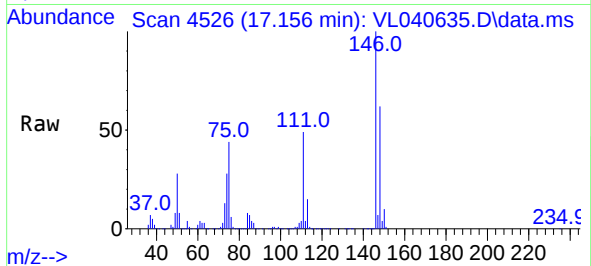
Tgt Ion:146 Resp: 2467001
Ion Ratio Lower Upper
146 100
111 47.4 23.2 69.5
148 65.5 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 14.365 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

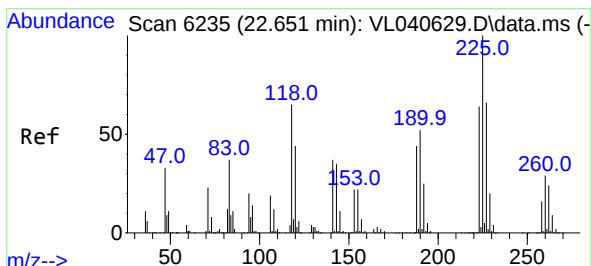
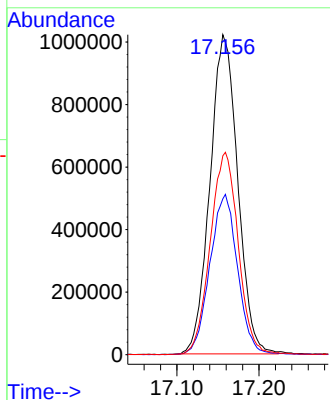
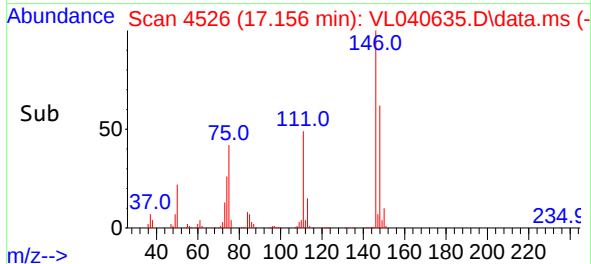
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



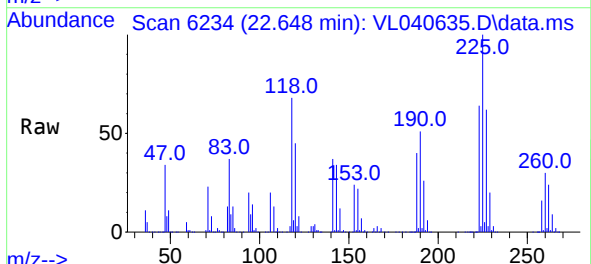
Tgt Ion:146 Resp: 240204
Ion Ratio Lower Upper
146 100
111 50.5 24.6 74.0
148 64.3 32.1 96.5

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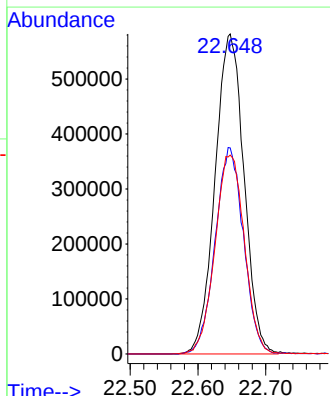
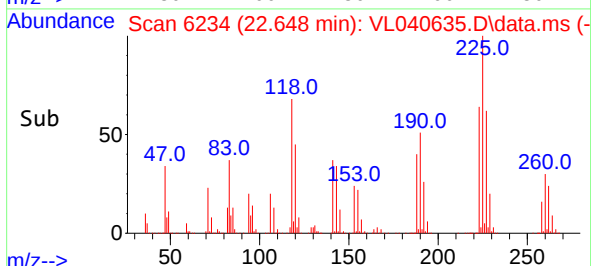
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

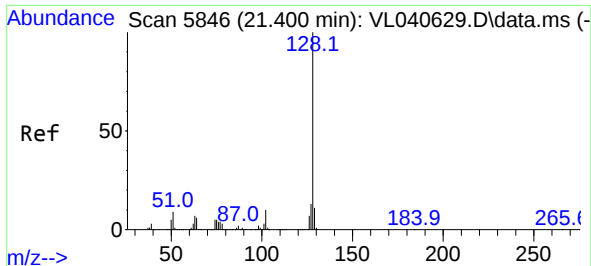


#78
Hexachloro-1,3-Butadiene
Concen: 13.583 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



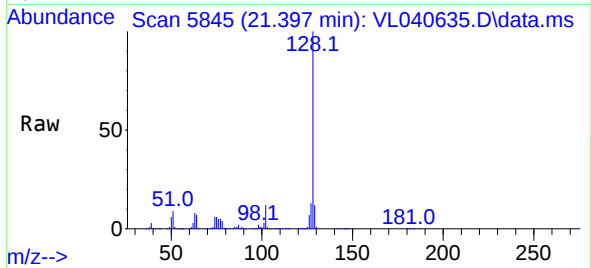
Tgt Ion:225 Resp: 1726522
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 63.4 51.2 76.8





#79
Naphthalene
Concen: 19.217 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

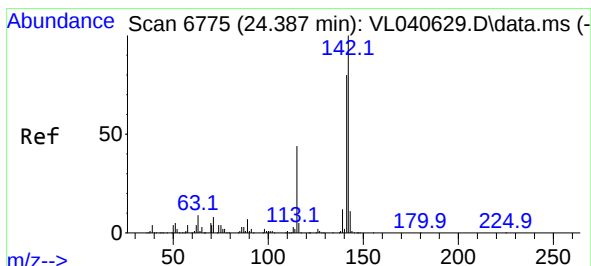
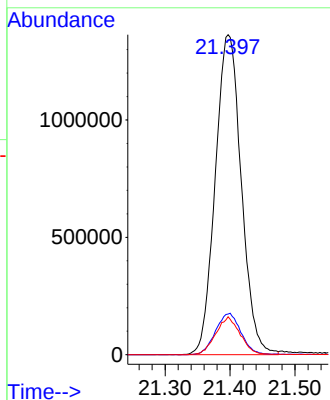
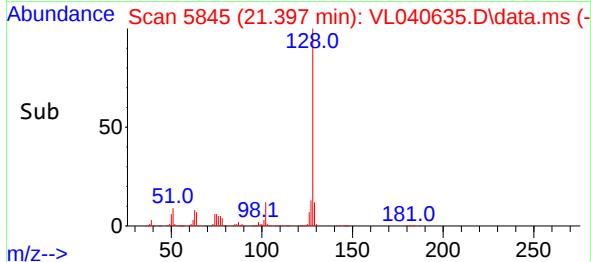
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



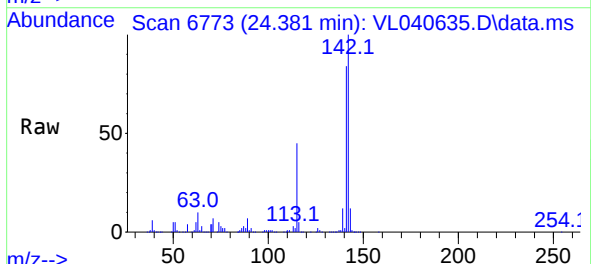
Tgt Ion:128 Resp: 378961
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.9 9.2 13.8

Manual Integrations
APPROVED

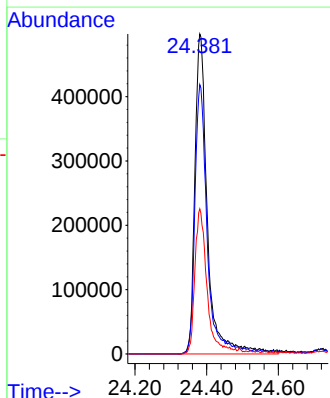
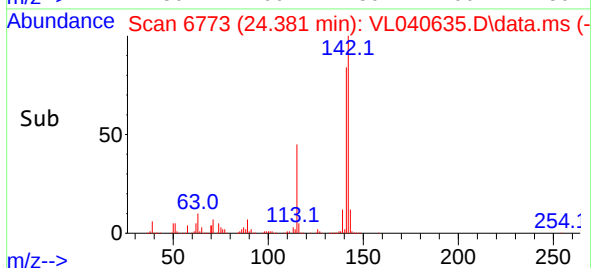
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

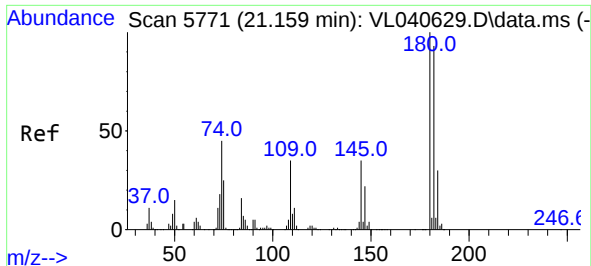


#80
Naphthalene,2-methyl-
Concen: 23.011 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. -0.007 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19



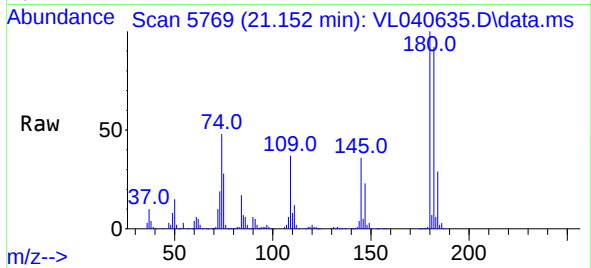
Tgt Ion:142 Resp: 1211636
Ion Ratio Lower Upper
142 100
141 83.7 64.6 96.8
115 44.7 33.7 50.5





#81
1,2,4-Trichlorobenzene
Concen: 16.059 ppbv
RT: 21.152 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:180 Resp: 2057258
Ion Ratio Lower Upper
180 100
182 97.0 78.0 117.0
184 30.9 24.6 36.8

Manual Integrations
APPROVED

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

