

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040632.D
 Acq On : 15 Aug 2023 12:18
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Aug 16 04:48:05 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 04:48:05 2023
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.192	49	998945	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2709180	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2375244	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.786	95	1895251	10.033	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.719	85	122104	0.567	ppbv	97
3) Chlorodifluoromethane	2.665	51	88226	0.538	ppbv	99
4) Chloromethane	2.806	50	35473	0.554	ppbv	89
5) Vinyl Chloride	2.912	62	35305	0.520	ppbv	93
6) Bromomethane	3.115	94	17780	0.497	ppbv	87
7) Chloroethane	3.189	64	13822	0.558	ppbv #	77
8) Dichlorotetrafluoroethane	2.848	85	93298	0.536	ppbv	99
9) Propene	2.687	41	27666	0.544	ppbv	95
10) Heptane	7.587	43	48578	0.415	ppbv	91
11) Trichlorofluoromethane	3.555	101	95583	0.550	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	67636	0.531	ppbv	95
13) Ethanol	3.259	45	6061m	0.497	ppbv	
14) Bromoethene	3.359	108	26349	0.503	ppbv #	91
15) Acetone	3.478	43	66473	0.544	ppbv	90
16) 1,3-Butadiene	2.977	39	28740	0.473	ppbv	91
17) tert-Butyl alcohol	3.893	59	54132m	0.418	ppbv	
18) 1,1-Dichloroethene	3.874	96	27413	0.469	ppbv	85
19) Isopropyl Alcohol	3.594	45	29810m	0.385	ppbv	
20) Methylene Chloride	3.928	84	39694	0.665	ppbv	93
21) Allyl Chloride	3.993	41	40896	0.506	ppbv	93
22) trans-1,2-Dichloroethene	4.446	96	30709	0.535	ppbv	87
23) Vinyl Acetate	4.632	43	61120	0.458	ppbv #	94
24) 1,1-Dichloroethane	4.562	63	64848	0.545	ppbv	100
25) Ethyl Acetate	5.214	43	118844	0.518	ppbv	99
26) Hexane	5.208	57	58631	0.528	ppbv #	92
27) Carbon Disulfide	4.121	76	63793	0.483	ppbv #	92
28) Methyl tert-Butyl Ether	4.594	73	46361m	0.540	ppbv	
29) Chloroform	5.275	83	91292	0.519	ppbv	94
30) Cyclohexane	6.607	84	44328m	0.545	ppbv	
31) cis-1,2-Dichloroethene	5.079	61	48506	0.484	ppbv	90
32) 1,1,1-Trichloroethane	6.005	97	88642	0.526	ppbv	100
34) 2-Butanone	4.796	43	60131	0.440	ppbv	93
35) Carbon Tetrachloride	6.497	117	85683	0.504	ppbv	91
36) Benzene	6.375	78	106045	0.492	ppbv #	91
37) 1,2-Dichloroethane	5.809	62	65271	0.502	ppbv	100
38) Trichloroethene	7.298	130	36041	0.430	ppbv	95
39) 1,2-Dichloropropane	7.076	63	39382	0.480	ppbv #	90
40) 1,4-Dioxane	7.333	88	9478m	0.308	ppbv	
41) Tetrahydrofuran	5.584	42	34448m	0.448	ppbv	
42) Bromodichloromethane	7.253	83	83221	0.460	ppbv #	94
43) Methyl Methacrylate	7.488	69	31743	0.394	ppbv	96
44) 2,2,4-Trimethylpentane	7.333	57	148634	0.427	ppbv	92
45) t-1,3-Dichloropropene	8.722	75	24236m	0.381	ppbv	

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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 04:48:05 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	8.150	75	29509	0.377	ppbv	96
47) 1,1,2-Trichloroethane	8.909	97	44554m	0.481	ppbv	
48) Dibromochloromethane	9.716	129	59464	0.410	ppbv	94
49) Bromoform	12.417	173	45780	0.395	ppbv	99
50) 4-Methyl-2-Pentanone	8.211	43	82951m	0.415	ppbv	
51) 2-Hexanone	9.590	43	53788m	0.384	ppbv	
52) Tetrachloroethene	10.626	164	32214	0.477	ppbv	88
53) Toluene	9.227	91	86543m	0.378	ppbv	
54) 1,2-Dibromoethane	10.018	107	56863m	0.511	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.516	131	52337	0.476	ppbv #	1
57) Chlorobenzene	11.536	112	91716	0.500	ppbv #	94
58) Ethyl Benzene	12.098	91	113874m	0.398	ppbv	
59) m/p-Xylene	12.385	91	220954m	0.846	ppbv	
60) o-Xylene	13.066	91	106669m	0.431	ppbv	
61) Styrene	12.905	104	35263m	0.325	ppbv	
62) Isopropylbenzene	14.040	105	164858	0.440	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	97690	0.520	ppbv	98
64) n-propylbenzene	14.921	120	38608m	0.408	ppbv	
65) tert-Butylbenzene	16.098	119	135191	0.416	ppbv	92
66) Benzyl Chloride	16.343	91	16674m	0.411	ppbv	
67) sec-Butylbenzene	16.648	105	196696	0.415	ppbv	99
69) p-Isopropyltoluene	17.005	119	152829m	0.412	ppbv	
70) n-Butylbenzene	17.905	91	167419m	0.414	ppbv	
71) 2-Chlorotoluene	14.815	91	117408	0.422	ppbv	97
72) 4-Ethyltoluene	15.208	105	104461	0.374	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.362	105	98455	0.395	ppbv	98
74) 1,2,4-Trimethylbenzene	16.114	105	128917m	0.442	ppbv	
75) 1,3-Dichlorobenzene	16.343	146	79575m	0.472	ppbv	
76) 1,4-Dichlorobenzene	16.484	146	68787	0.409	ppbv	91
77) 1,2-Dichlorobenzene	17.153	146	79671m	0.481	ppbv	
78) Hexachloro-1,3-Butadiene	22.641	225	63594m	0.505	ppbv	
79) Naphthalene	21.403	128	71814m	0.368	ppbv	
80) Naphthalene,2-methyl-	24.423	142	11989m	0.230	ppbv	
81) 1,2,4-Trichlorobenzene	21.162	180	49752m	0.392	ppbv	

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

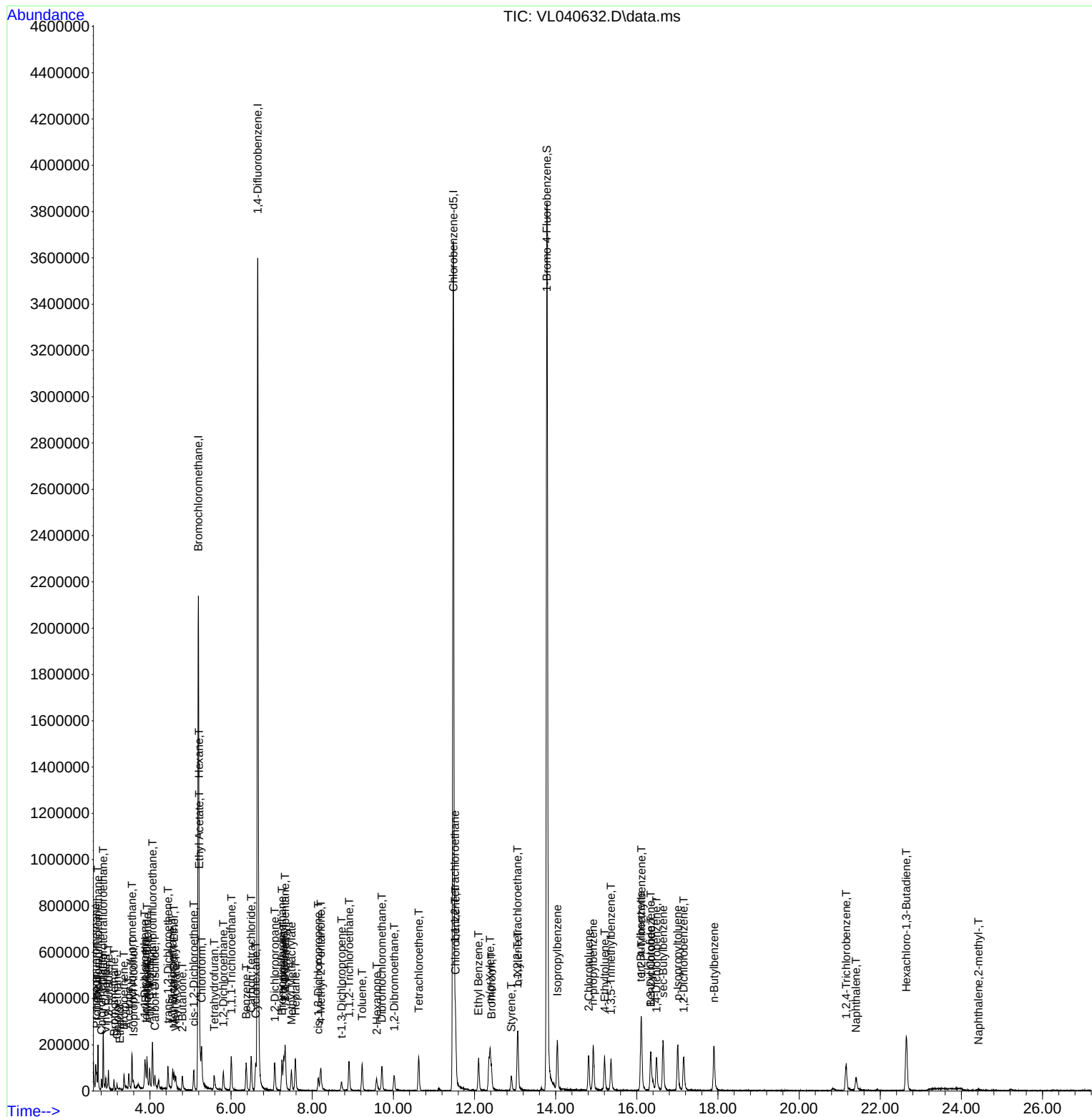
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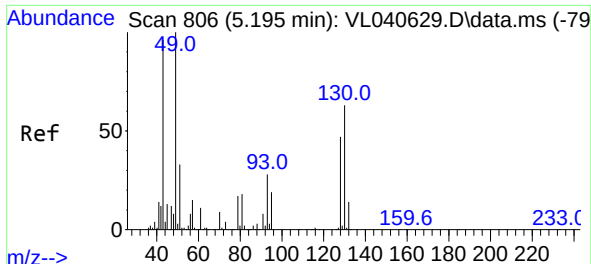
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

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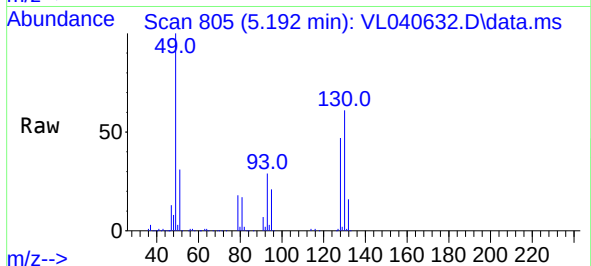
Reviewed By : Semsettin Yesilyurt 08/16/2023
Supervised By : Mahesh Dadoda 08/16/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

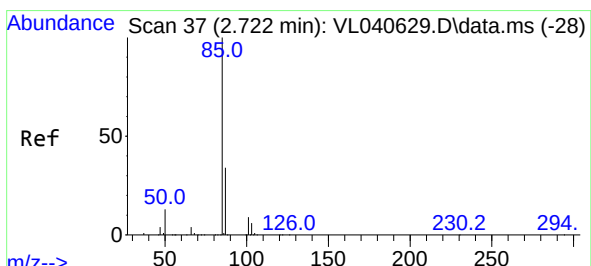
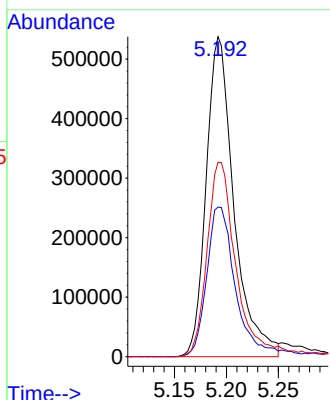
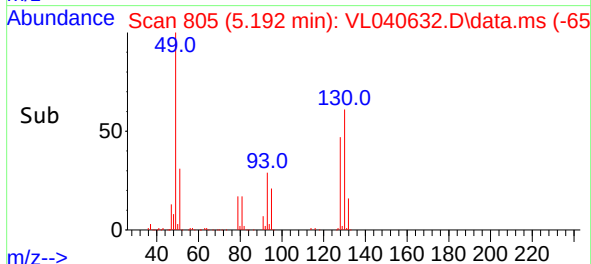
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 49 Resp: 998945
Ion Ratio Lower Upper
49 100
128 51.0 24.9 74.7
130 65.3 32.2 96.6

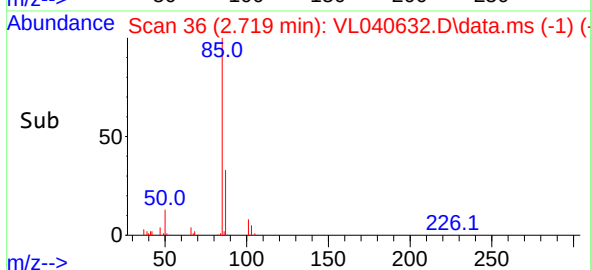
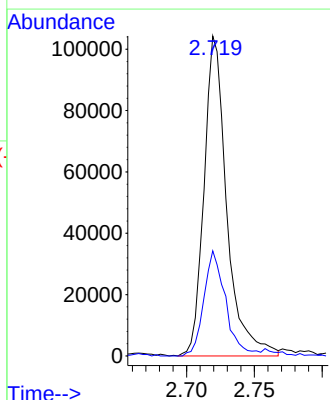
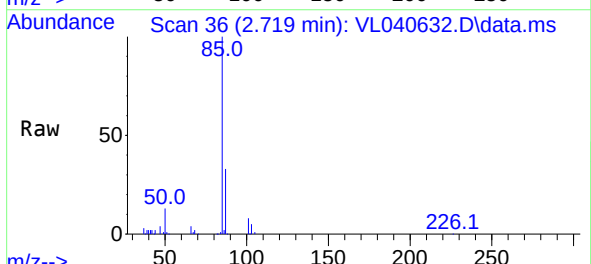
Manual Integrations
APPROVED

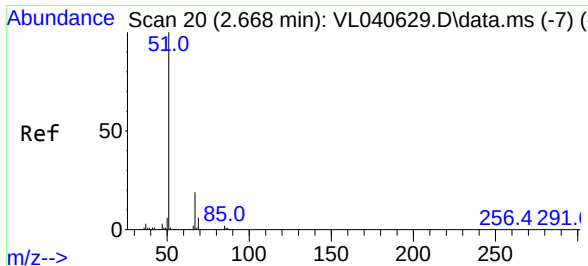
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#2
Dichlorodifluoromethane
Concen: 0.567 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

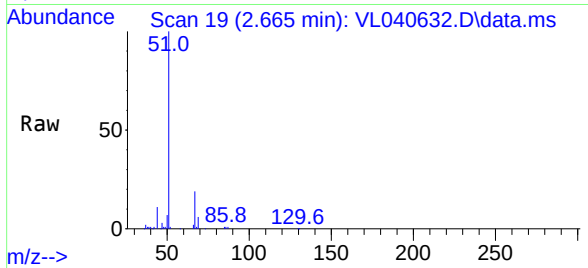
Tgt Ion: 85 Resp: 122104
Ion Ratio Lower Upper
85 100
87 32.9 27.5 41.3





#3
Chlorodifluoromethane
Concen: 0.538 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

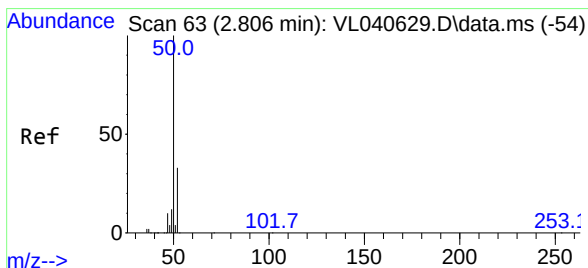
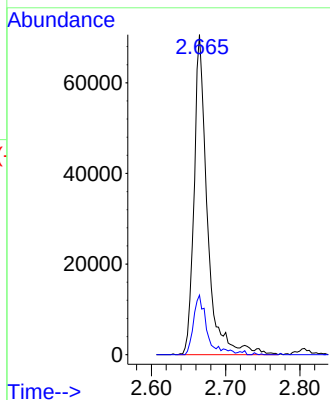
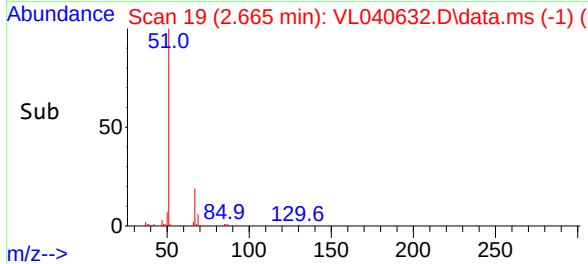
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



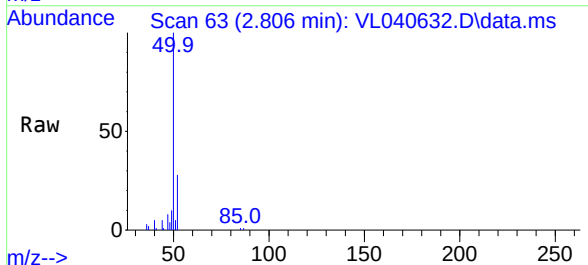
Tgt Ion: 51 Resp: 88220
Ion Ratio Lower Upper
51 100
67 19.5 15.0 22.6

Manual Integrations
APPROVED

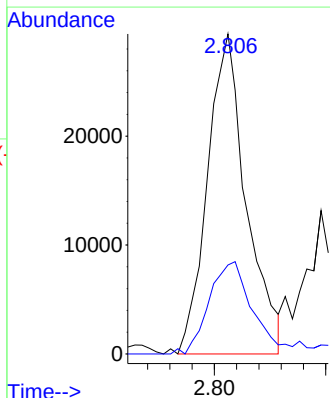
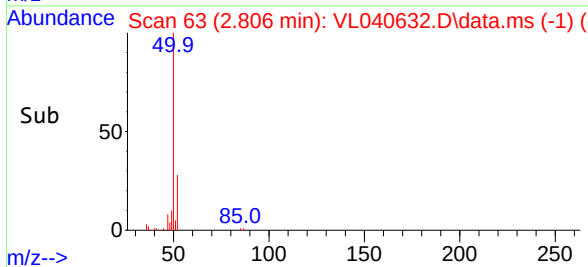
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

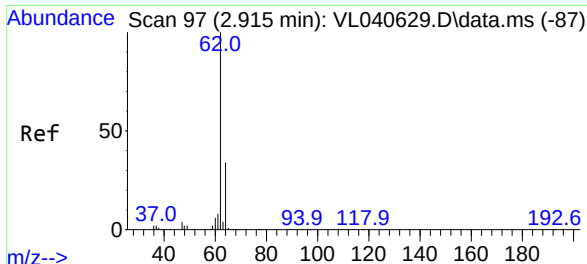


#4
Chloromethane
Concen: 0.554 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.000 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion: 50 Resp: 35473
Ion Ratio Lower Upper
50 100
52 26.4 26.2 39.2





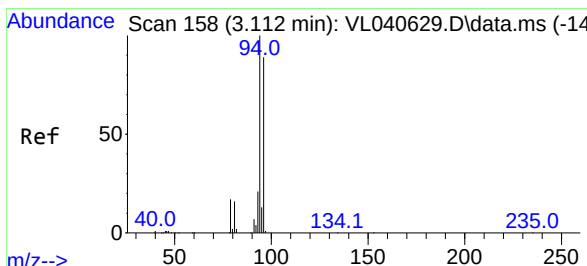
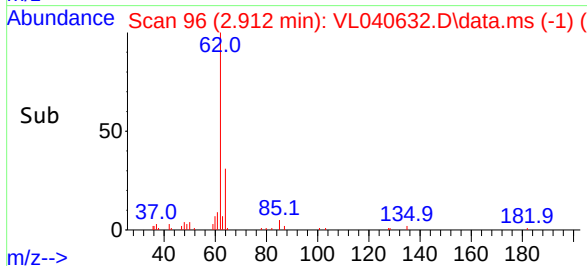
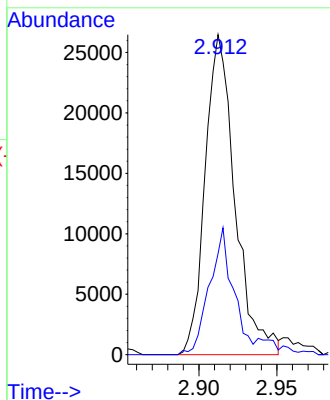
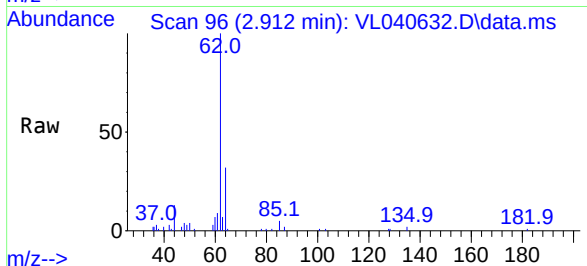
#5
 Vinyl Chloride
 Concen: 0.520 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VL040632.D
 Acq: 15 Aug 2023 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 3530
 Ion Ratio Lower Upper
 62 100
 64 30.1 27.0 40.6

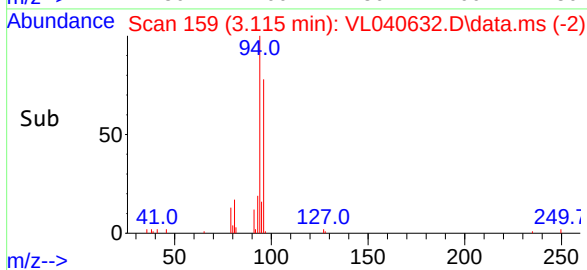
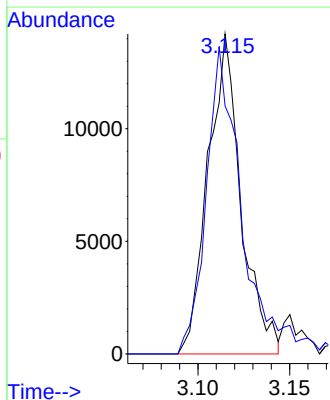
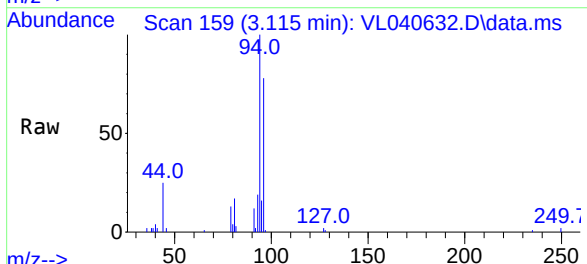
Manual Integrations
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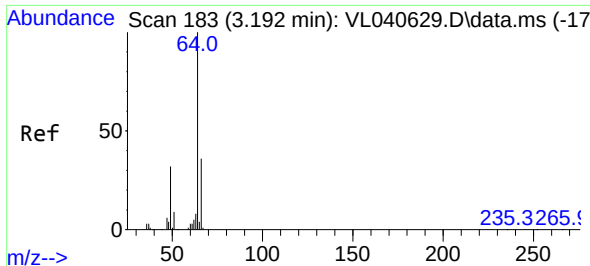
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#6
 Bromomethane
 Concen: 0.497 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VL040632.D
 Acq: 15 Aug 2023 12:18

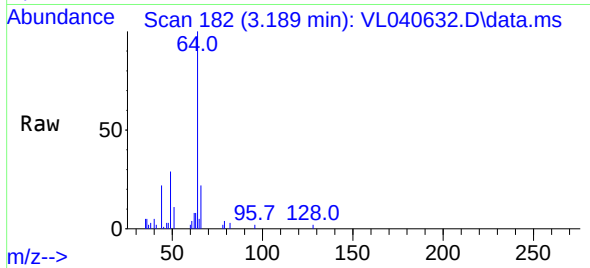
Tgt Ion: 94 Resp: 17780
 Ion Ratio Lower Upper
 94 100
 96 77.5 71.5 107.3





#7
Chloroethane
Concen: 0.558 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

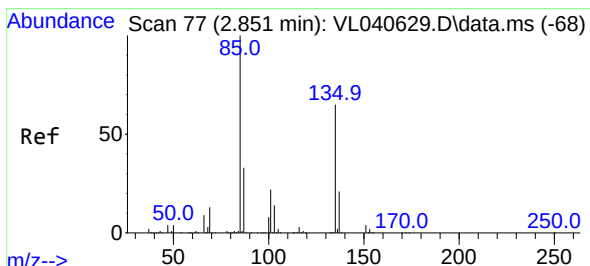
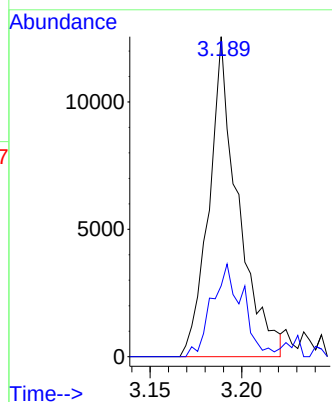
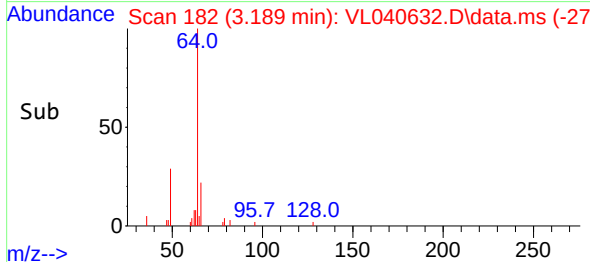
Instrument :
MSVOA_L
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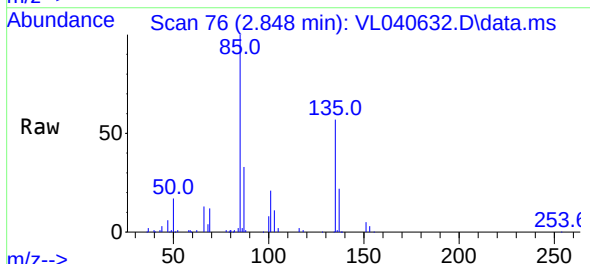
Tgt Ion: 64 Resp: 1382
Ion Ratio Lower Upper
64 100
66 22.2 28.7 43.1

Manual Integrations
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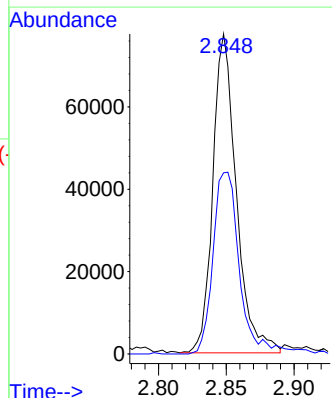
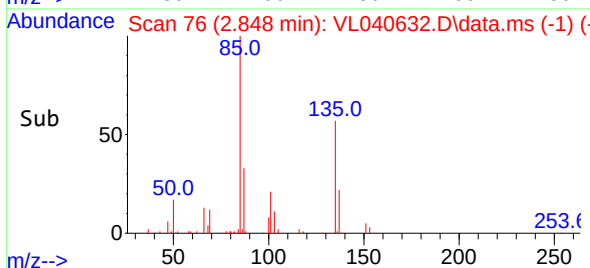
Reviewed By :Semsettin Yesilyurt 08/16/2023
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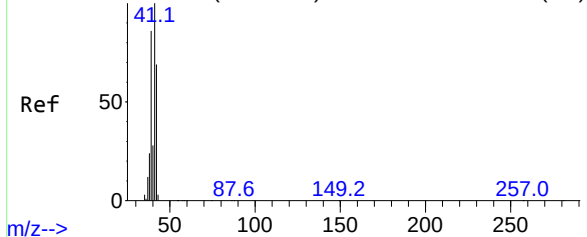
#8
Dichlorotetrafluoroethane
Concen: 0.536 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion: 85 Resp: 93298
Ion Ratio Lower Upper
85 100
135 65.3 52.8 79.2



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



#9

Propene

Concen: 0.544 ppbv

RT: 2.687 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 2766

Ion Ratio Lower Upper

41 100

42 66.5 56.5 84.7

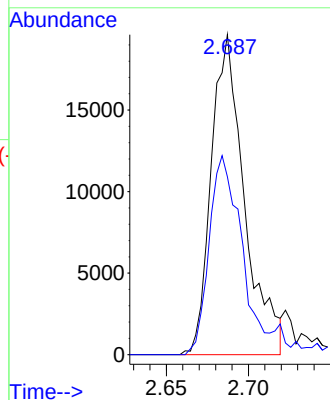
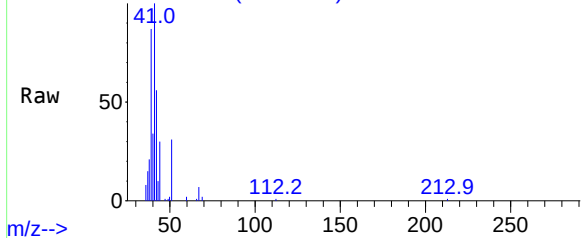
Manual Integrations

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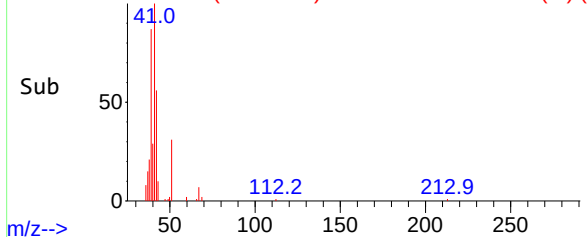
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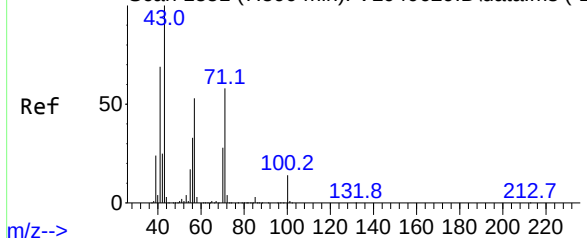
Abundance Scan 26 (2.687 min): VL040632.D\data.ms



Abundance Scan 26 (2.687 min): VL040632.D\data.ms (-1)



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



#10

Heptane

Concen: 0.415 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. -0.003 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

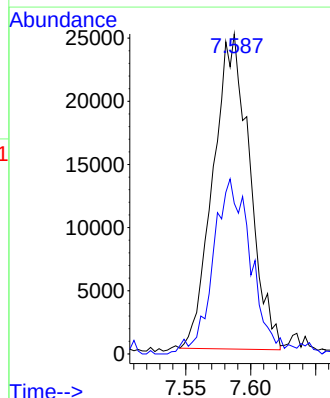
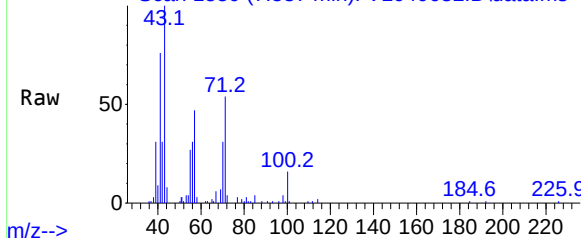
Tgt Ion: 43 Resp: 48578

Ion Ratio Lower Upper

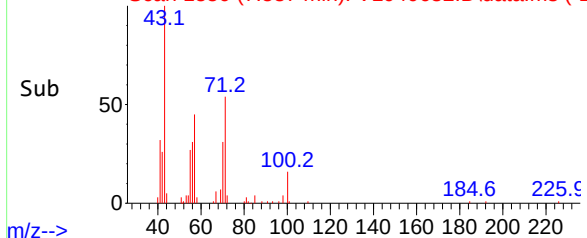
43 100

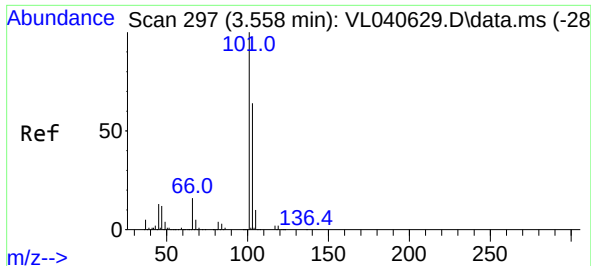
57 59.5 42.5 63.7

Abundance Scan 1550 (7.587 min): VL040632.D\data.ms



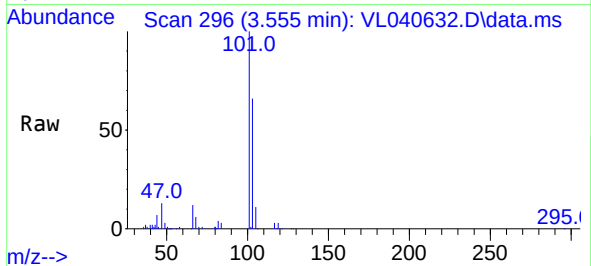
Abundance Scan 1550 (7.587 min): VL040632.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 0.550 ppbv
RT: 3.555 min Scan# 297
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

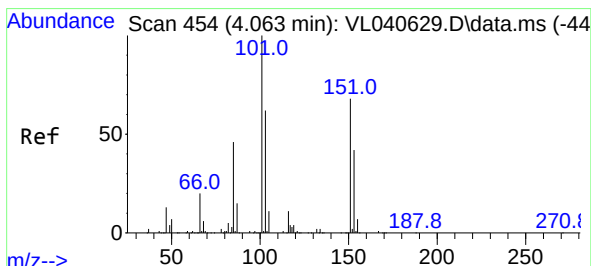
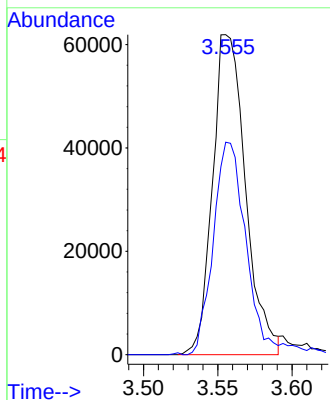
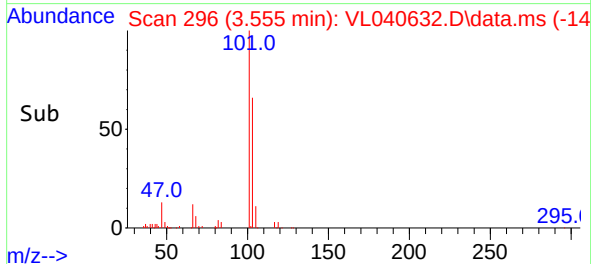
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



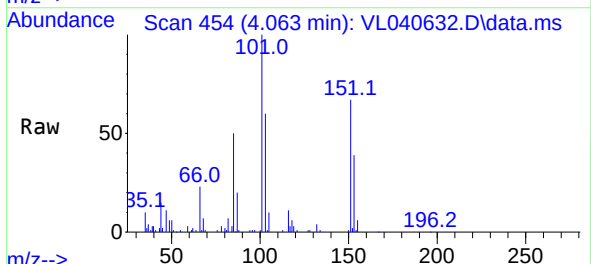
Tgt Ion:101 Resp: 9558
Ion Ratio Lower Upper
101 100
103 65.8 51.1 76.7

Manual Integrations
APPROVED

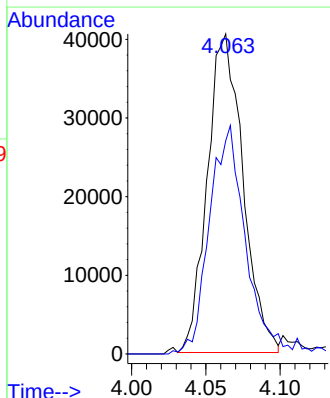
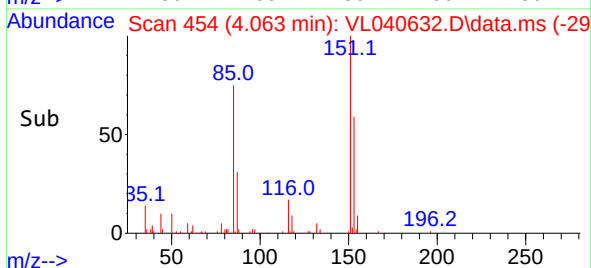
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

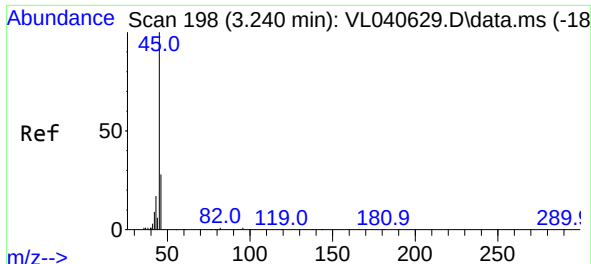


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.531 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



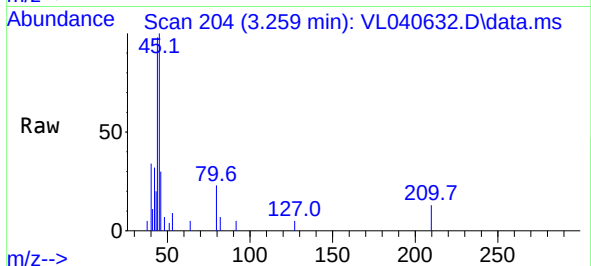
Tgt Ion:101 Resp: 67636
Ion Ratio Lower Upper
101 100
151 74.2 56.2 84.2





#13
Ethanol
Concen: 0.497 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. 0.019 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

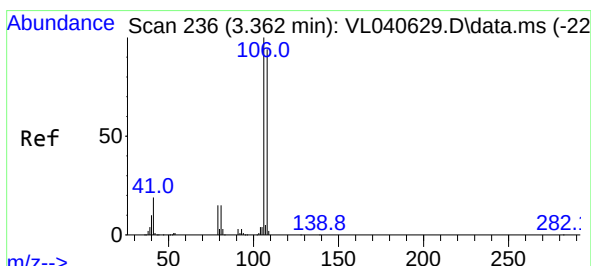
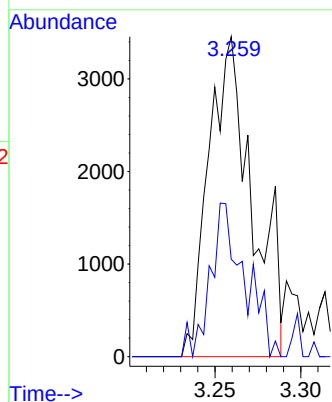
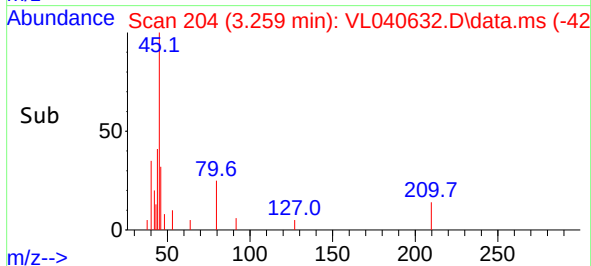
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



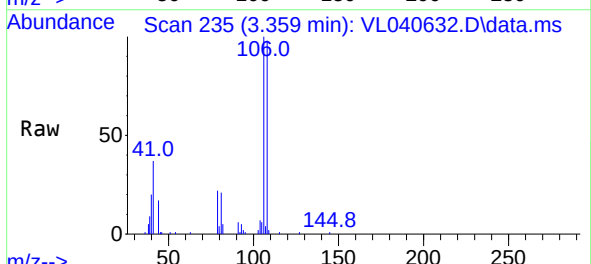
Tgt Ion: 45 Resp: 606
Ion Ratio Lower Upper
45 100
46 41.7 14.2 56.6

Manual Integrations
APPROVED

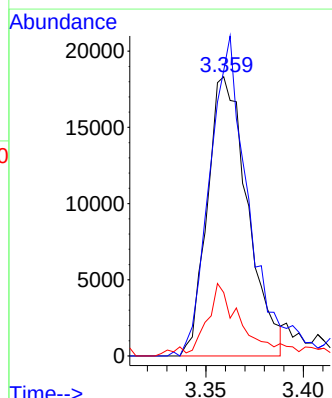
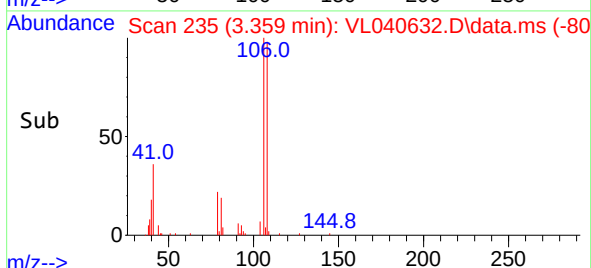
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

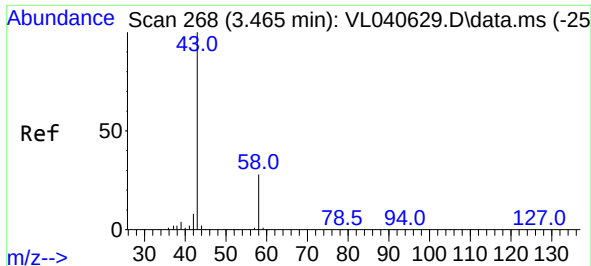


#14
Bromoethene
Concen: 0.503 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



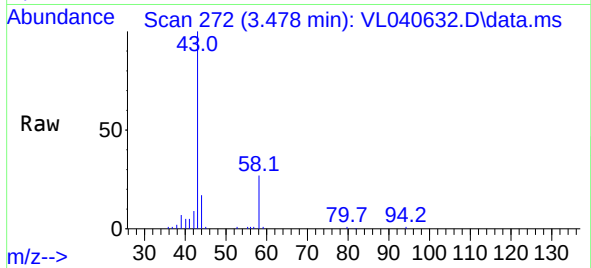
Tgt Ion:108 Resp: 26349
Ion Ratio Lower Upper
108 100
106 116.5 87.3 130.9
79 26.0 14.4 21.6#





#15
Acetone
Concen: 0.544 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

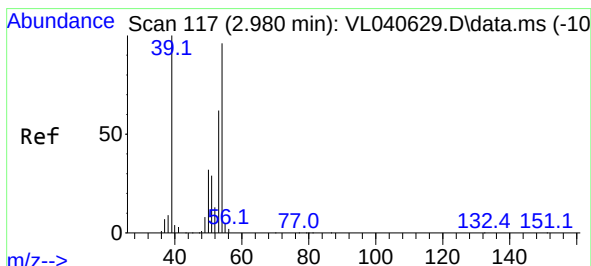
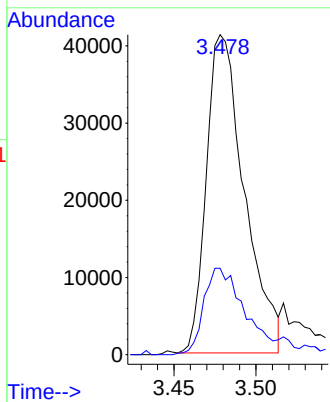
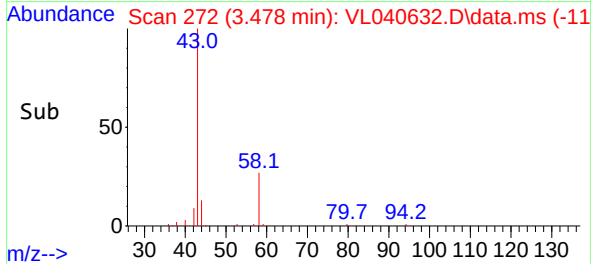
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



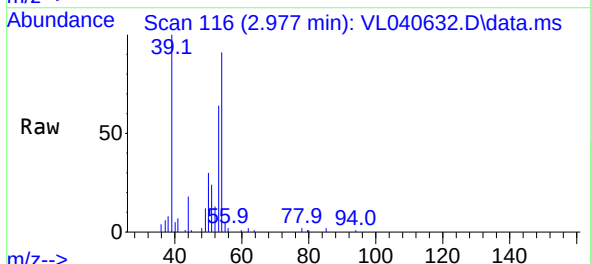
Tgt Ion: 43 Resp: 6647
Ion Ratio Lower Upper
43 100
58 33.4 22.4 33.6

Manual Integrations
APPROVED

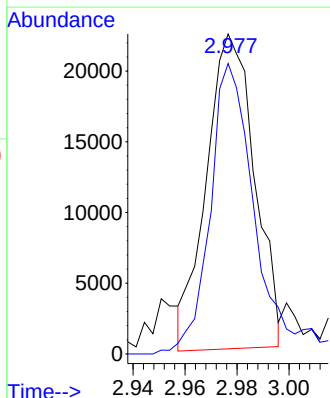
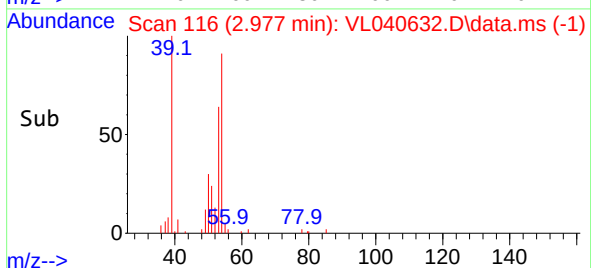
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

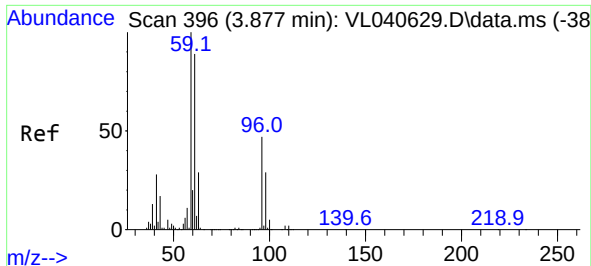


#16
1,3-Butadiene
Concen: 0.473 ppbv
RT: 2.977 min Scan# 116
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



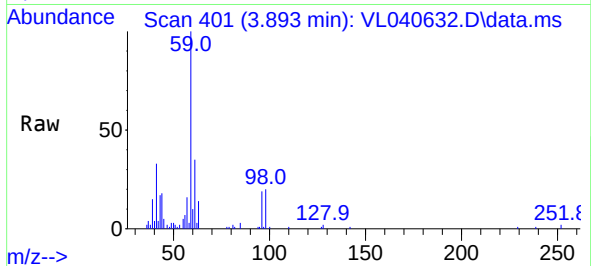
Tgt Ion: 39 Resp: 28740
Ion Ratio Lower Upper
39 100
54 91.1 66.6 99.8





#17
tert-Butyl alcohol
Concen: 0.418 ppbv m
RT: 3.893 min Scan# 401
Delta R.T. 0.016 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

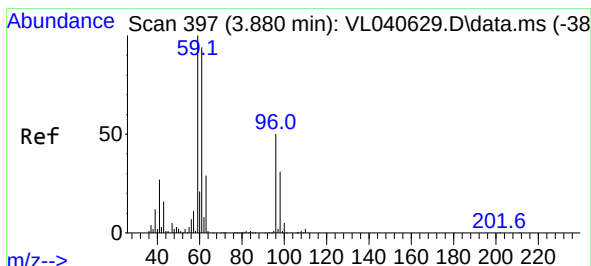
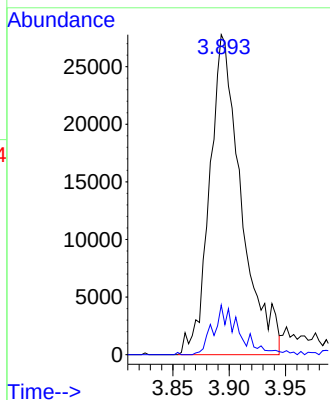
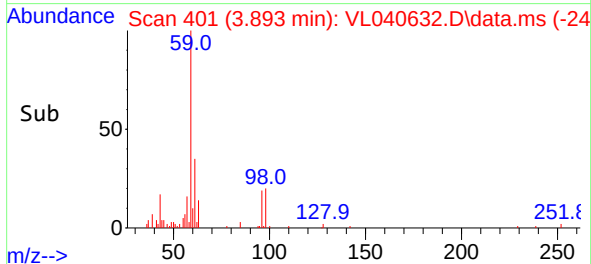
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



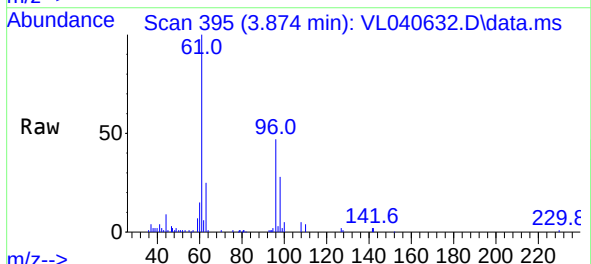
Tgt Ion: 59 Resp: 5413
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6

Manual Integrations
APPROVED

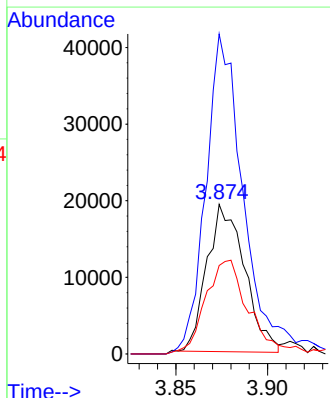
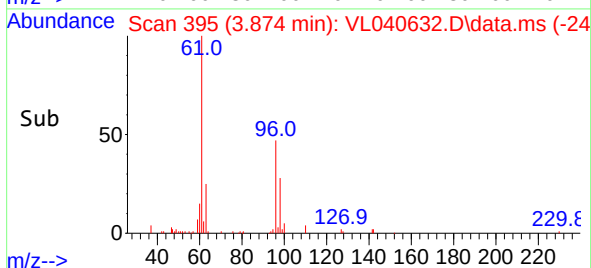
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

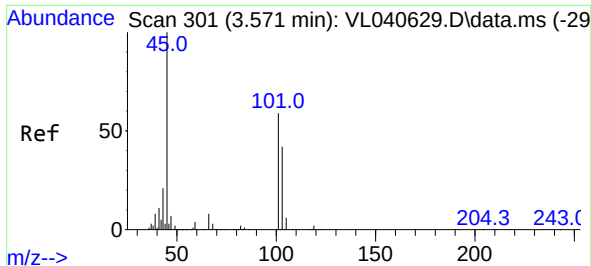


#18
1,1-Dichloroethene
Concen: 0.469 ppbv
RT: 3.874 min Scan# 395
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion: 96 Resp: 27413
Ion Ratio Lower Upper
96 100
61 213.9 150.4 225.6
98 57.9 49.7 74.5





#19

Isopropyl Alcohol

Concen: 0.385 ppbv m

RT: 3.594 min Scan# 301

Delta R.T. 0.023 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

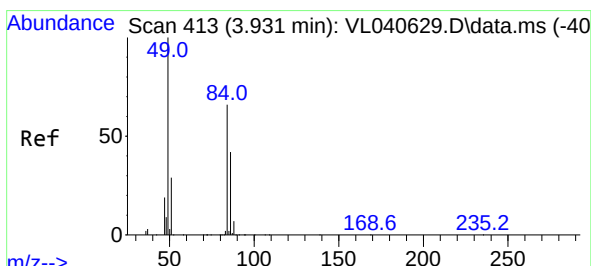
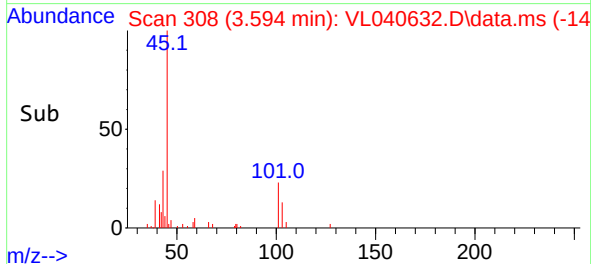
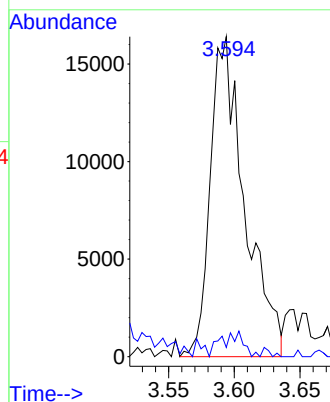
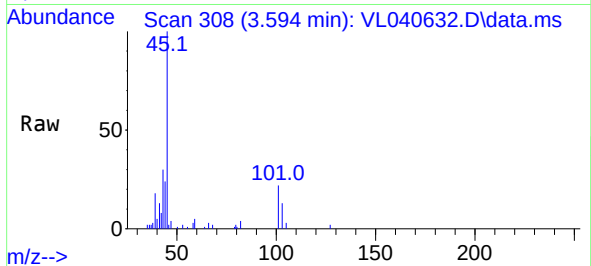
Tgt Ion: 45 Resp: 29810

Ion	Ratio	Lower	Upper
45	100		
58	5.5	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: 0.665 ppbv

RT: 3.928 min Scan# 412

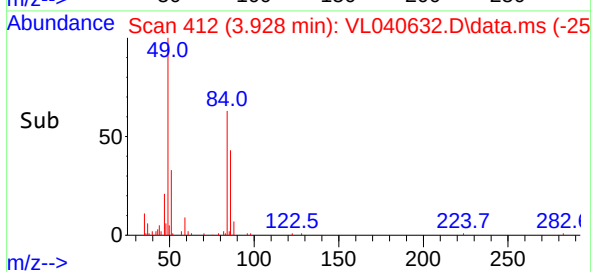
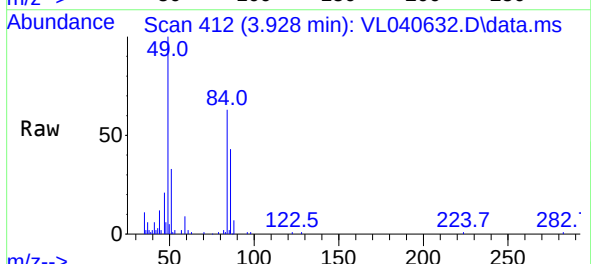
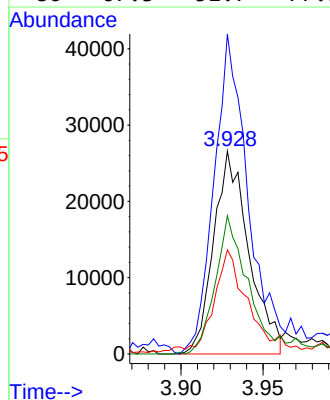
Delta R.T. -0.003 min

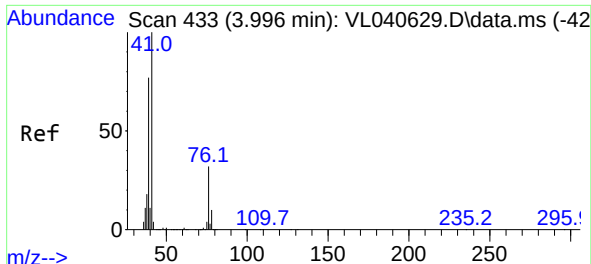
Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Tgt Ion: 84 Resp: 39694

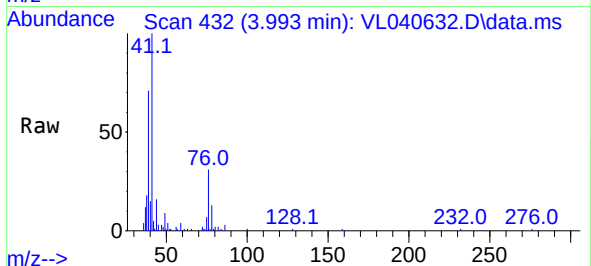
Ion	Ratio	Lower	Upper
84	100		
49	164.2	122.1	183.1
51	47.8	35.4	53.2
86	67.3	51.7	77.5





#21
 Allyl Chloride
 Concen: 0.506 ppbv
 RT: 3.993 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040632.D
 Acq: 15 Aug 2023 12:18

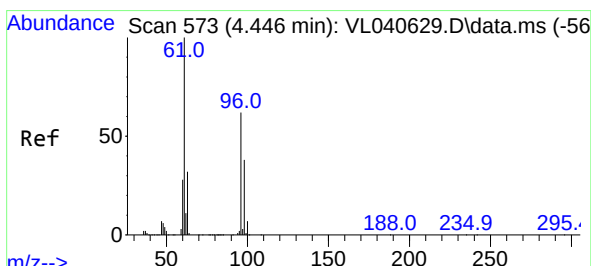
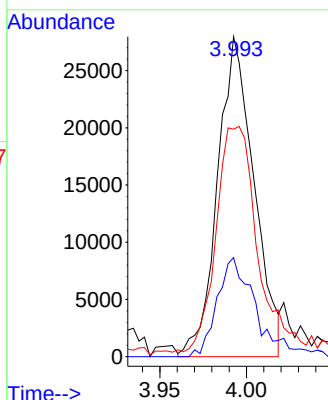
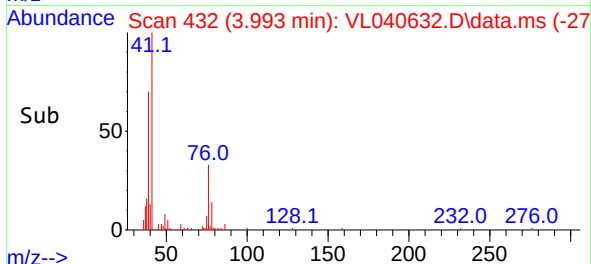
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



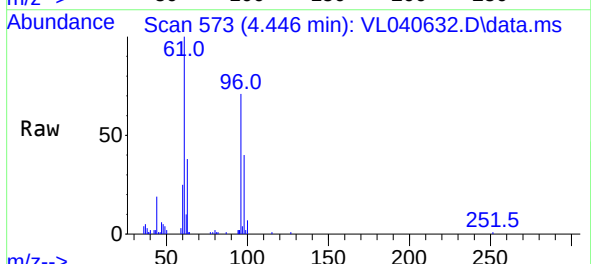
Tgt Ion: 41 Resp: 40890
 Ion Ratio Lower Upper
 41 100
 76 34.4 25.5 38.3
 39 84.4 61.8 92.6

Manual Integrations
 APPROVED

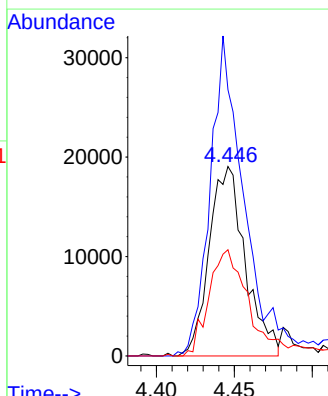
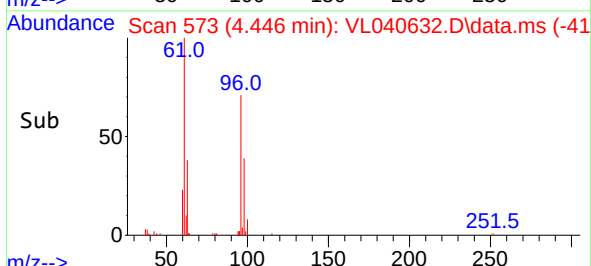
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

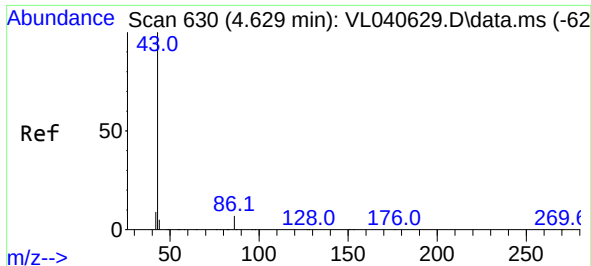


#22
 trans-1,2-Dichloroethene
 Concen: 0.535 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: VL040632.D
 Acq: 15 Aug 2023 12:18



Tgt Ion: 96 Resp: 30709
 Ion Ratio Lower Upper
 96 100
 61 138.3 128.1 192.1
 98 56.1 48.1 72.1





#23
 Vinyl Acetate
 Concen: 0.458 ppbv
 RT: 4.632 min Scan# 61120
 Delta R.T. 0.003 min
 Lab File: VL040632.D
 Acq: 15 Aug 2023 12:18

Instrument :

MSVOA_L

ClientSampleId :

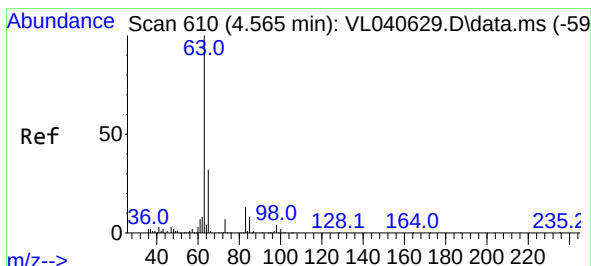
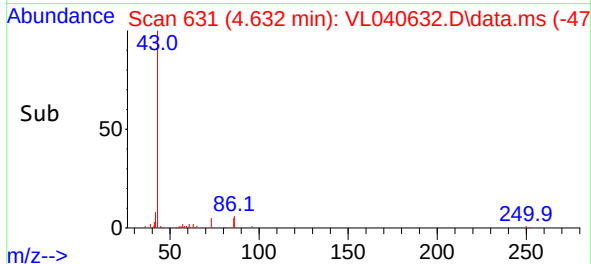
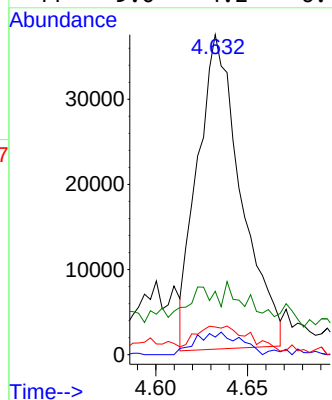
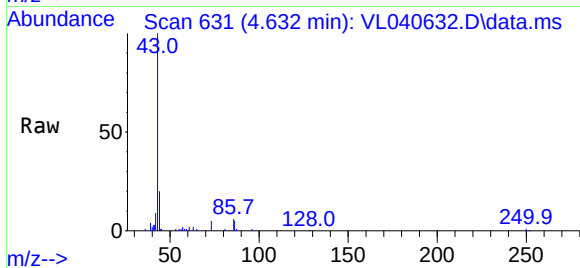
VSTDIC0.5

Tgt Ion: 43 Resp: 61120
 Ion Ratio Lower Upper
 43 100
 86 5.1 5.0 7.6
 42 8.3 7.8 11.8
 44 9.0 4.2 6.4#

Manual Integrations

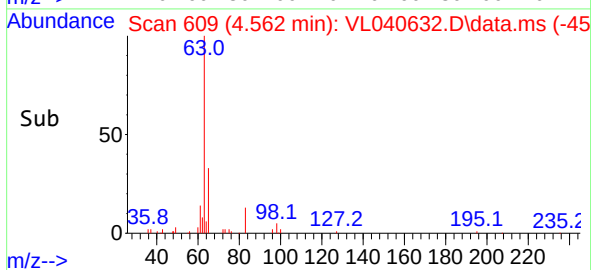
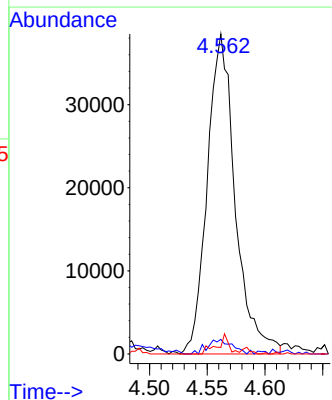
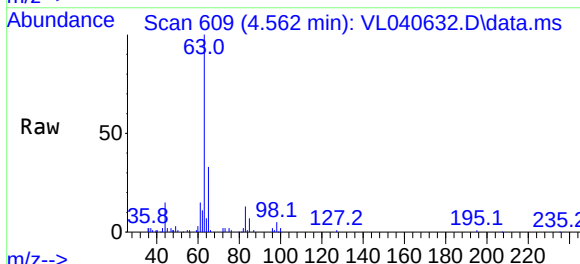
APPROVED

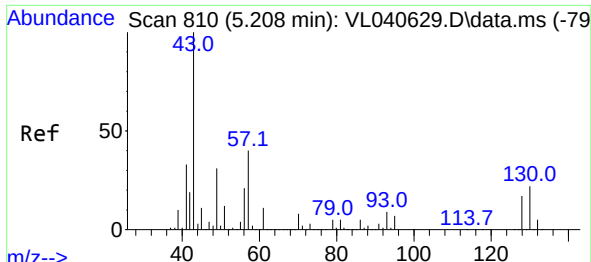
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#24
 1,1-Dichloroethane
 Concen: 0.545 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.003 min
 Lab File: VL040632.D
 Acq: 15 Aug 2023 12:18

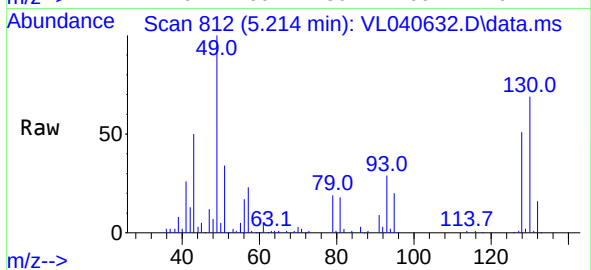
Tgt Ion: 63 Resp: 64848
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.0 6.0
 100 2.1 1.1 3.3





#25
Ethyl Acetate
Concen: 0.518 ppbv
RT: 5.214 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

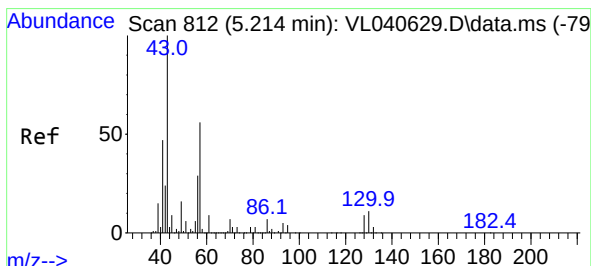
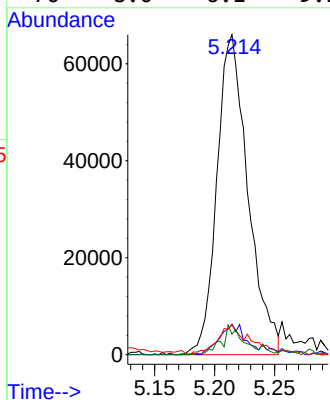
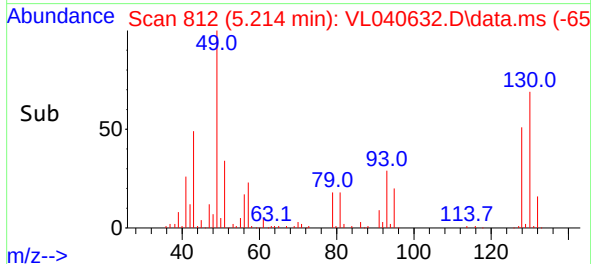
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



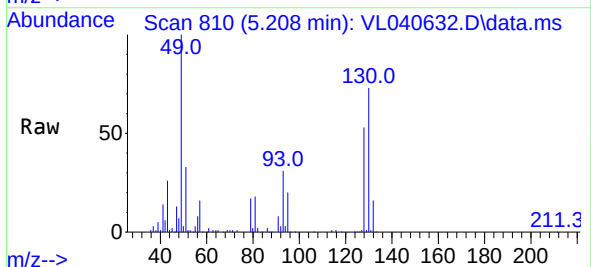
Tgt Ion: 43 Resp: 118844
Ion Ratio Lower Upper
43 100
45 9.9 8.2 12.4
61 10.5 8.3 12.5
70 8.0 6.1 9.1

Manual Integrations
APPROVED

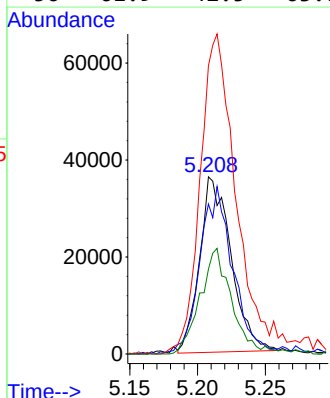
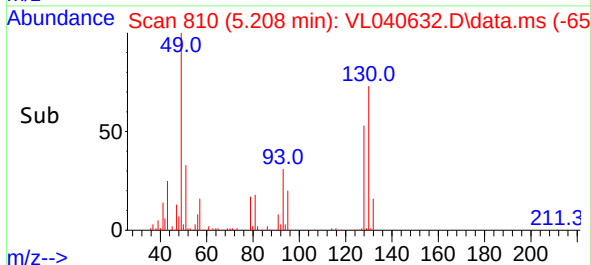
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

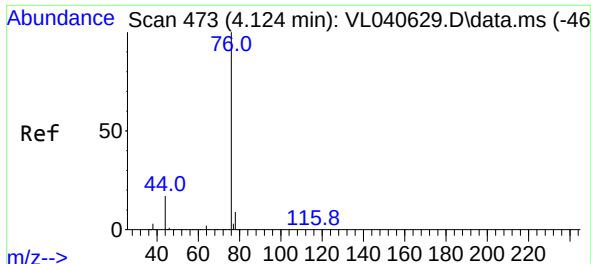


#26
Hexane
Concen: 0.528 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion: 57 Resp: 58631
Ion Ratio Lower Upper
57 100
41 104.4 69.3 103.9#
43 218.3 177.9 266.9
56 61.9 42.5 63.7





#27

Carbon Disulfide

Concen: 0.483 ppbv

RT: 4.121 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

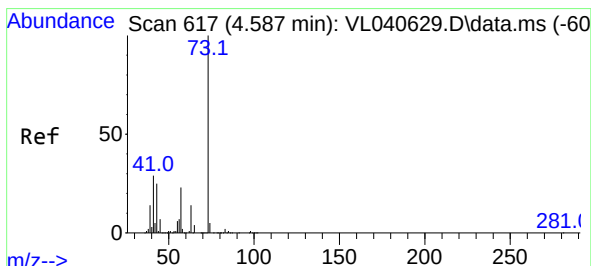
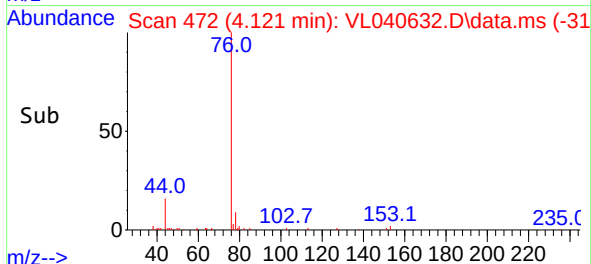
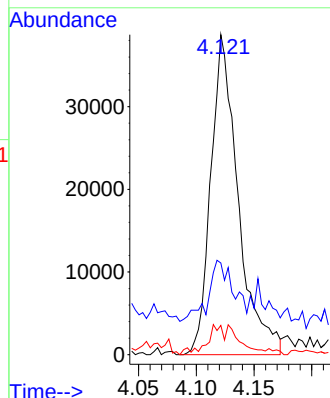
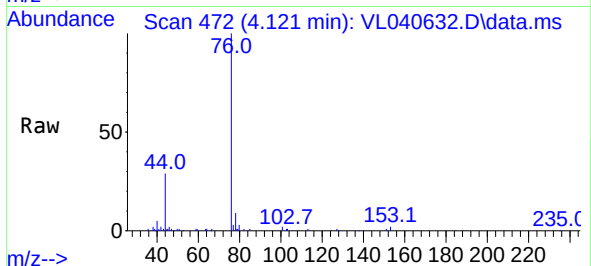
Tgt Ion: 76 Resp: 6379

Ion	Ratio	Lower	Upper
76	100		
44	21.5	14.3	21.5
78	12.3	7.4	11.0

Manual Integrations

APPROVED

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



#28

Methyl tert-Butyl Ether

Concen: 0.540 ppbv m

RT: 4.594 min Scan# 619

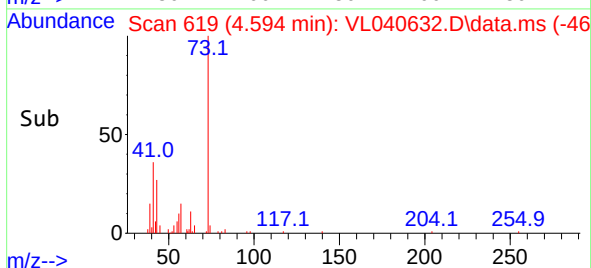
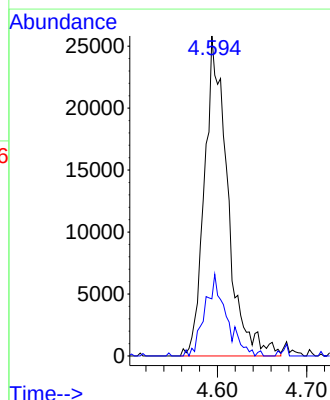
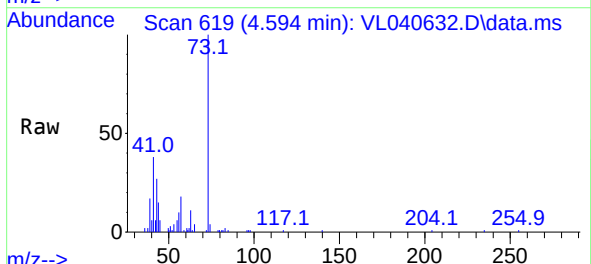
Delta R.T. 0.006 min

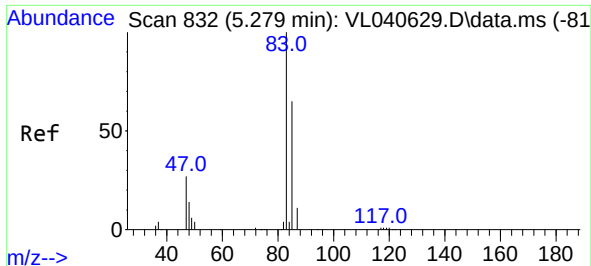
Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Tgt Ion: 73 Resp: 46361

Ion	Ratio	Lower	Upper
73	100		
57	24.1	18.9	28.3





#29

Chloroform

Concen: 0.519 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 9129

Ion Ratio Lower Upper

83 100

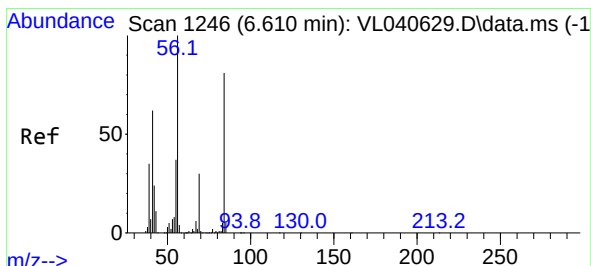
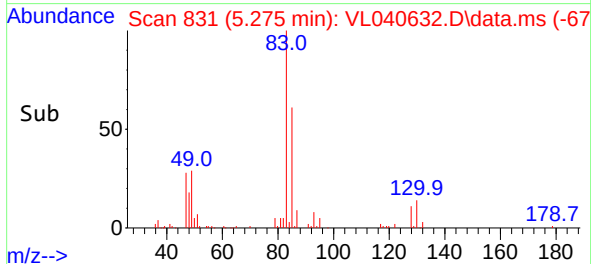
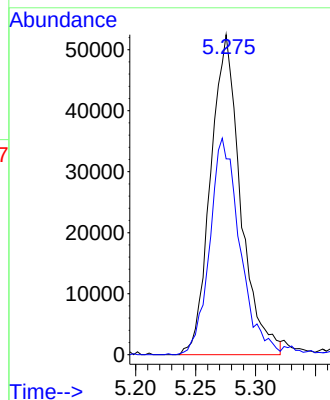
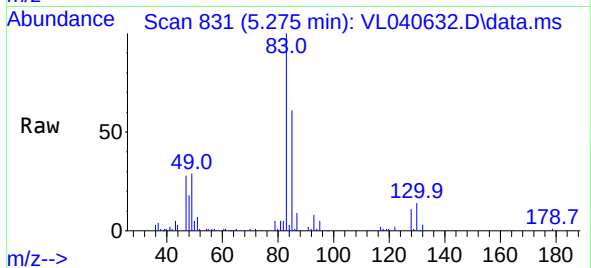
85 60.8 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#30

Cyclohexane

Concen: 0.545 ppbv m

RT: 6.607 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

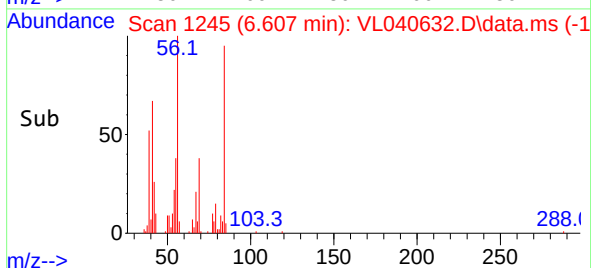
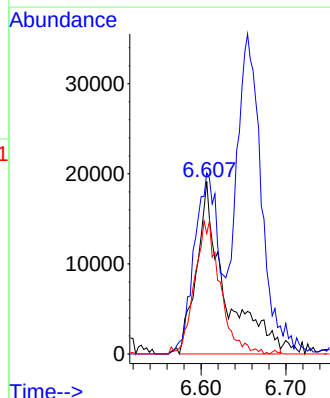
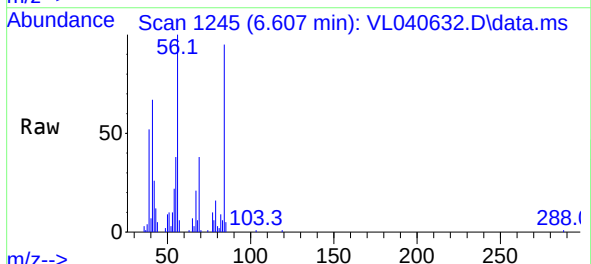
Tgt Ion: 84 Resp: 44328

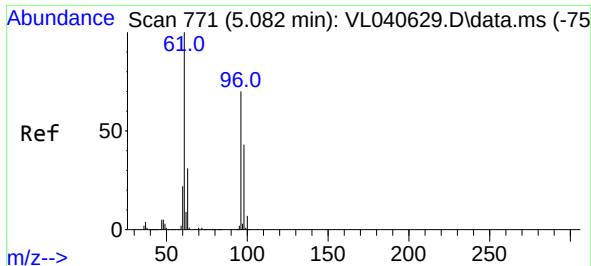
Ion Ratio Lower Upper

84 100

56 86.5 105.4 158.2#

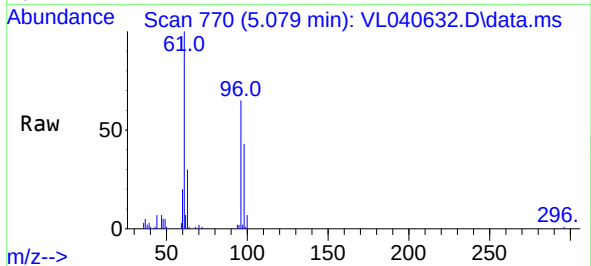
41 70.3 64.2 96.2





#31
 cis-1,2-Dichloroethene
 Concen: 0.484 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL040632.D
 Acq: 15 Aug 2023 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

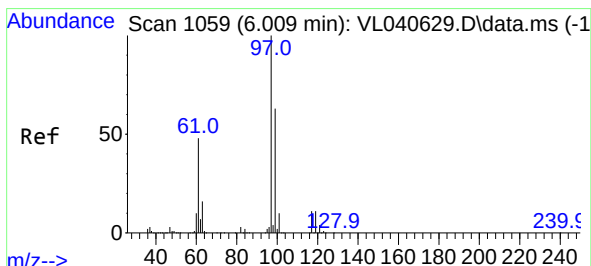
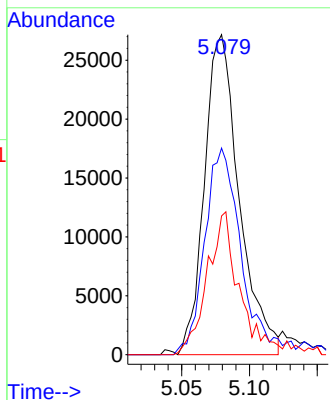
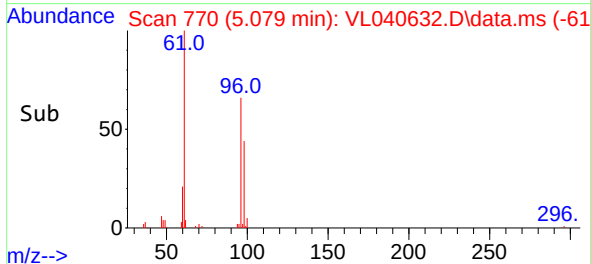


Tgt Ion: 61 Resp: 48500

Ion	Ratio	Lower	Upper
61	100		
96	58.7	55.8	83.6
98	39.9	34.8	52.2

Manual Integrations
 APPROVED

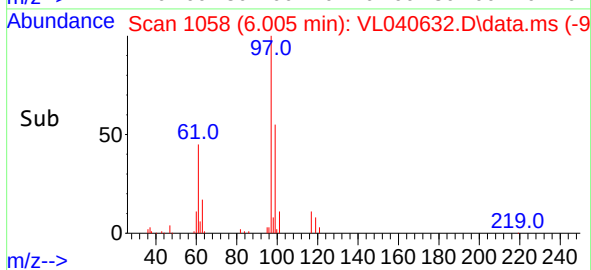
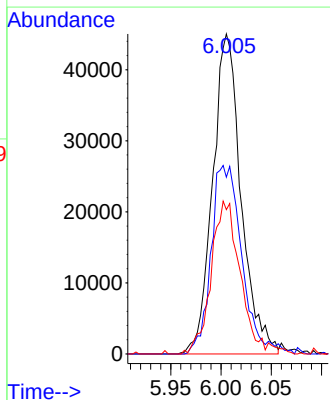
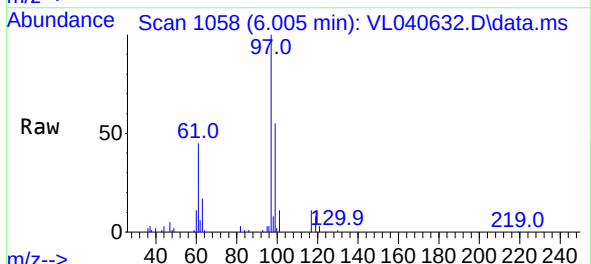
Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

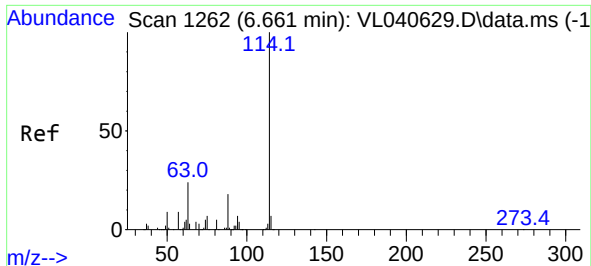


#32
 1,1,1-Trichloroethane
 Concen: 0.526 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL040632.D
 Acq: 15 Aug 2023 12:18

Tgt Ion: 97 Resp: 88642

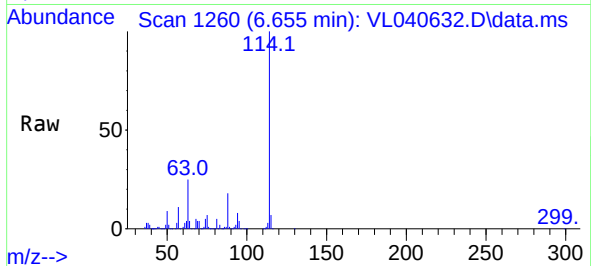
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	49.2	39.7	59.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

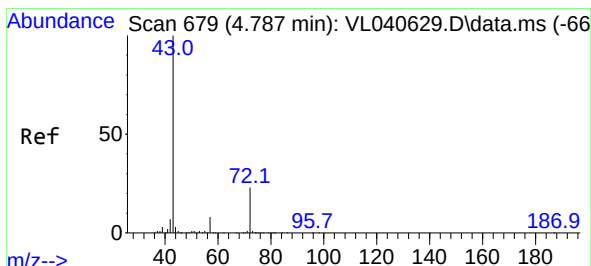
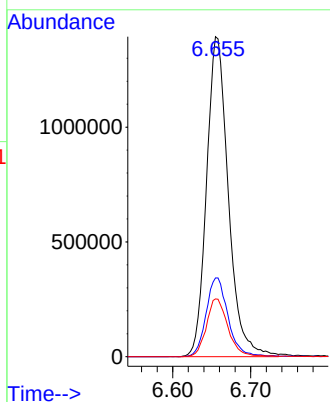
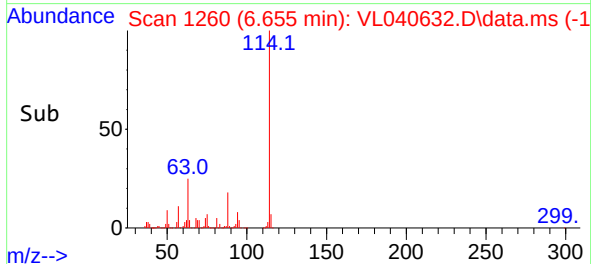
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



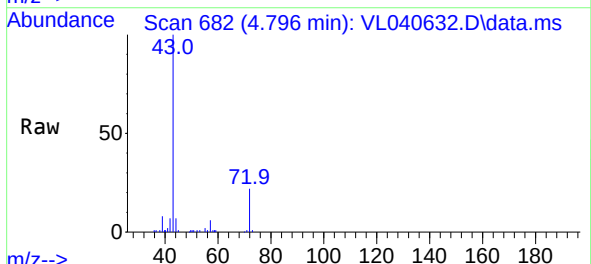
Tgt Ion:114 Resp: 2709180
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.2
88 18.1 14.1 21.1

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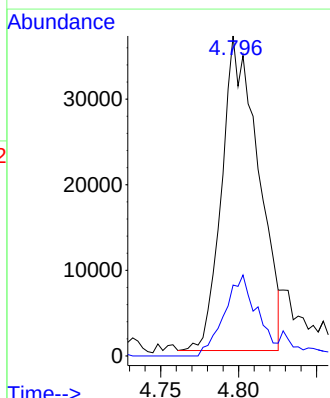
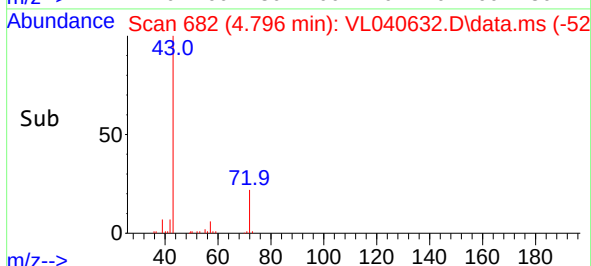
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

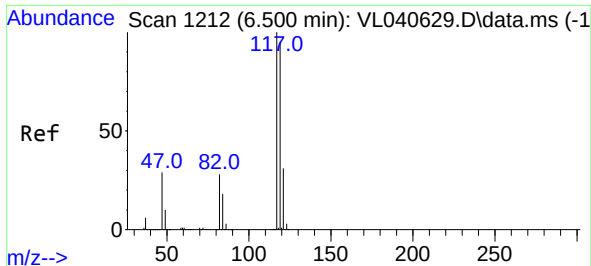


#34
2-Butanone
Concen: 0.440 ppbv
RT: 4.796 min Scan# 682
Delta R.T. 0.010 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



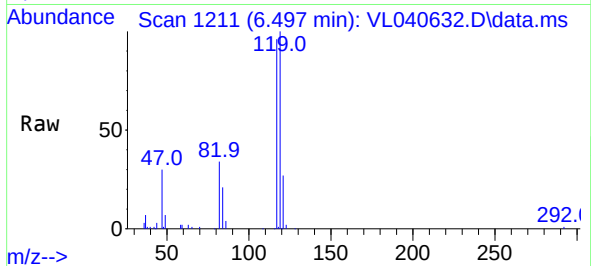
Tgt Ion: 43 Resp: 60131
Ion Ratio Lower Upper
43 100
72 27.6 19.2 28.8





#35
Carbon Tetrachloride
Concen: 0.504 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

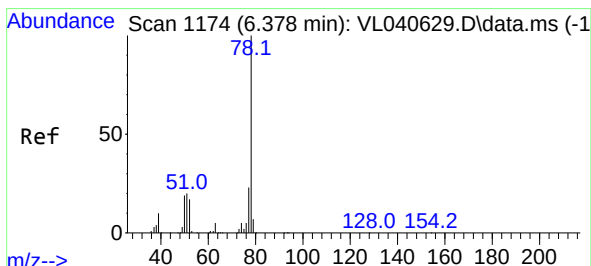
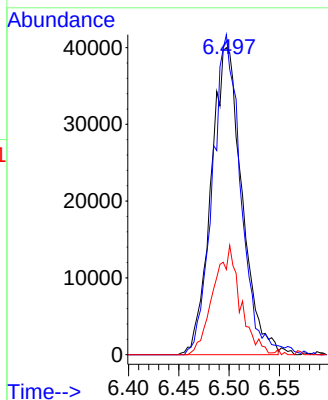
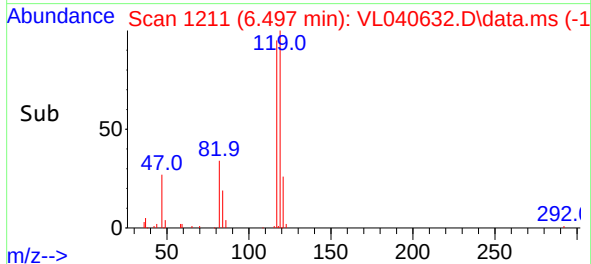
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:117 Resp: 8568
Ion Ratio Lower Upper
117 100
119 104.2 75.6 113.4
121 27.8 24.9 37.3

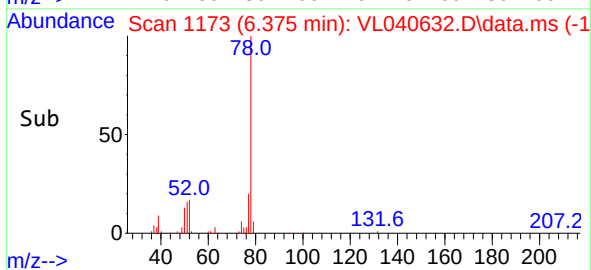
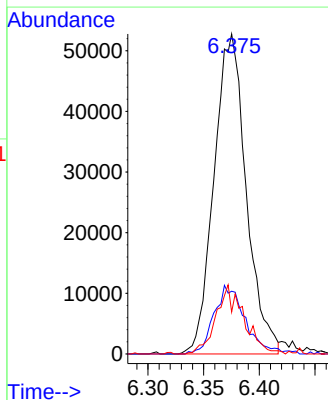
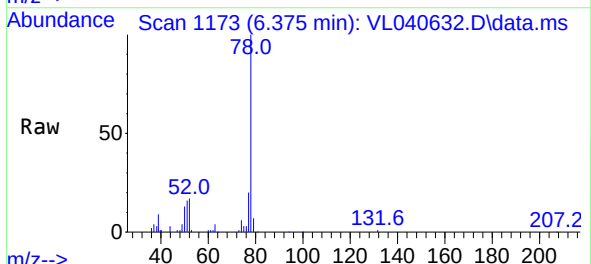
Manual Integrations
APPROVED

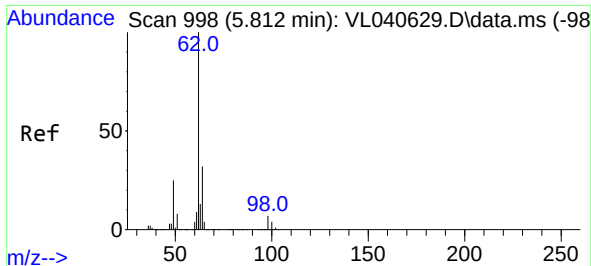
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#36
Benzene
Concen: 0.492 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Tgt Ion: 78 Resp: 106045
Ion Ratio Lower Upper
78 100
77 19.6 18.2 27.2
50 13.1 15.0 22.6#





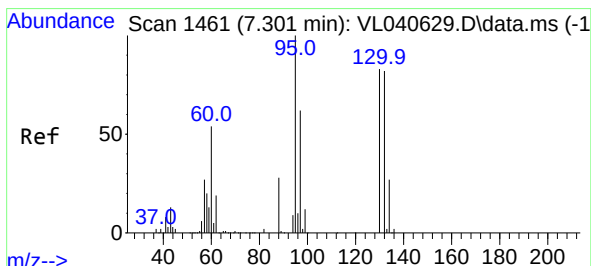
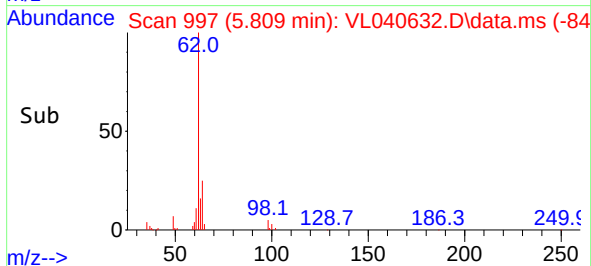
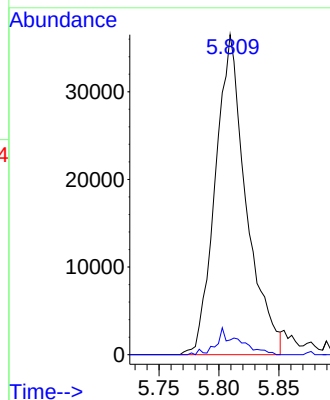
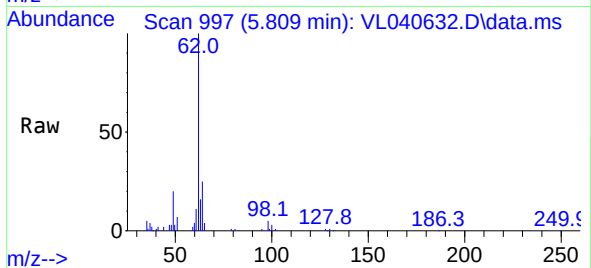
#37
1,2-Dichloroethane
Concen: 0.502 ppbv
RT: 5.809 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 6527
Ion Ratio Lower Upper
62 100
98 6.1 4.9 7.3

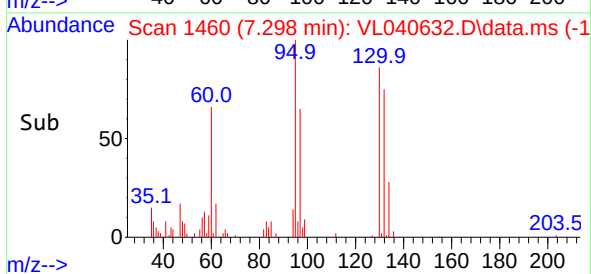
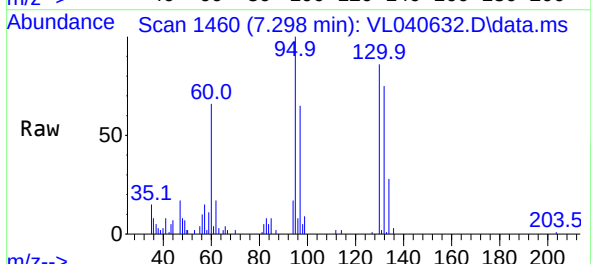
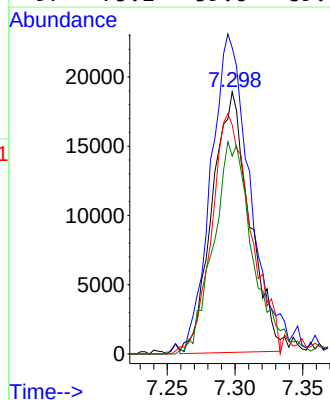
Manual Integrations
APPROVED

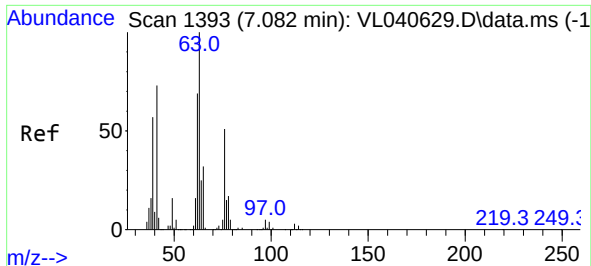
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#38
Trichloroethene
Concen: 0.430 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Tgt Ion:130 Resp: 36041
Ion Ratio Lower Upper
130 100
95 116.6 95.9 143.9
132 88.5 79.0 118.4
97 75.1 59.6 89.4





#39

1,2-Dichloropropane

Concen: 0.480 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

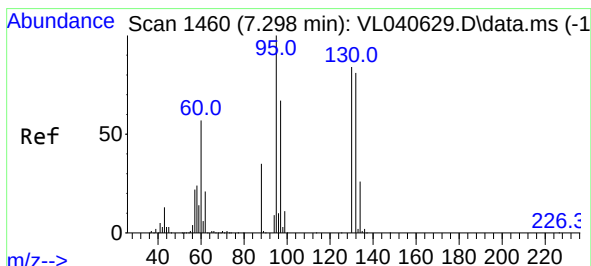
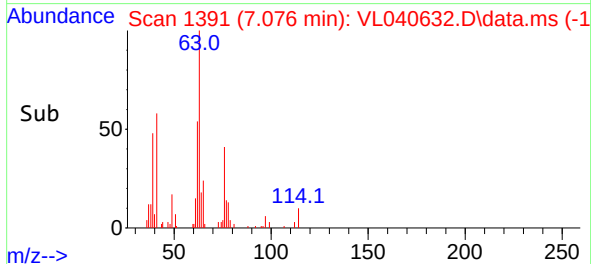
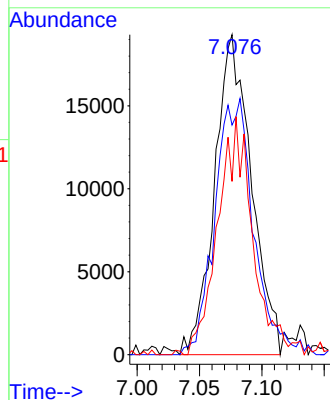
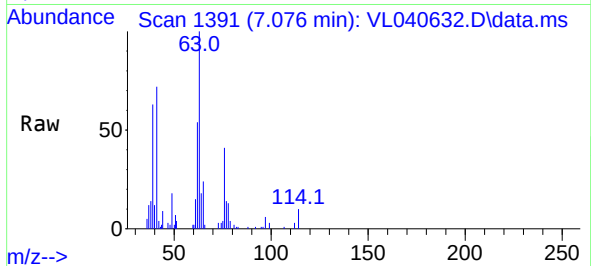
Tgt Ion: 63	Resp: 3938
Ion Ratio	Lower Upper
63 100	
41 71.8	58.2 87.2
62 53.1	55.0 82.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#40

1,4-Dioxane

Concen: 0.308 ppbv m

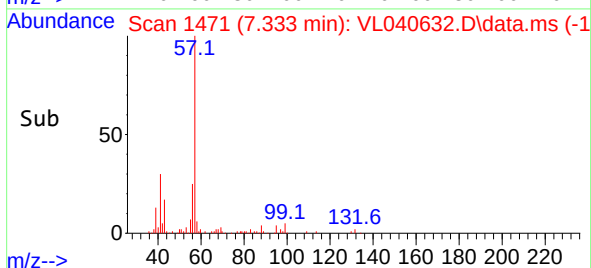
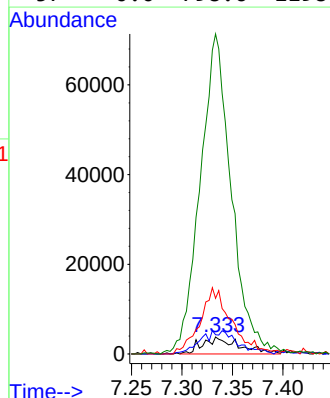
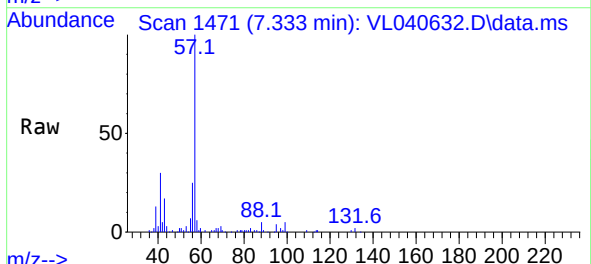
RT: 7.333 min Scan# 1471

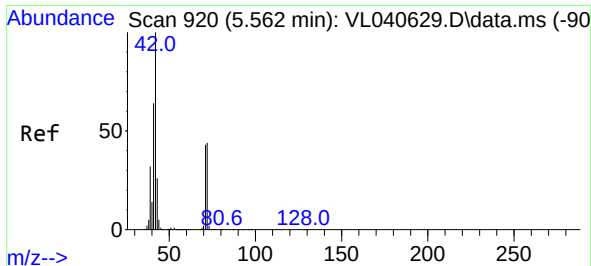
Delta R.T. 0.035 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Tgt Ion: 88	Resp: 9478
Ion Ratio	Lower Upper
88 100	
58 0.0	92.8 139.2#
43 0.0	179.1 268.7#
57 0.0	798.6 1198.0#





#41

Tetrahydrofuran

Concen: 0.448 ppbv m

RT: 5.584 min Scan# 91

Delta R.T. 0.023 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Instrument :

MSVOA_L

ClientSampleId :

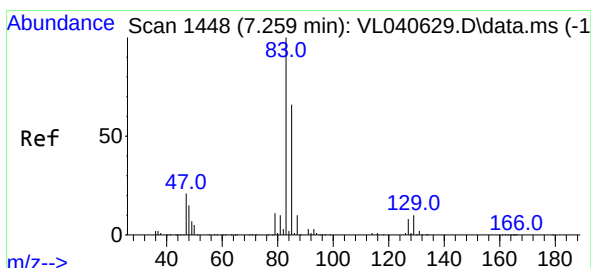
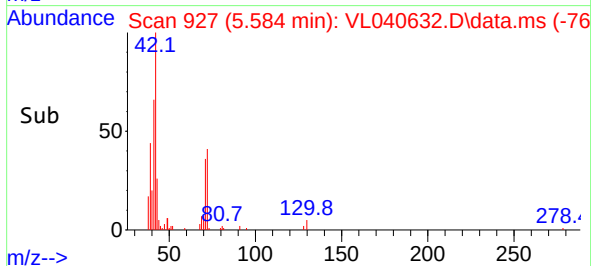
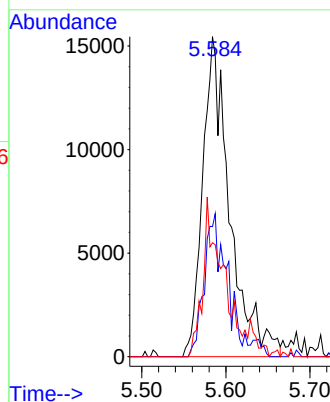
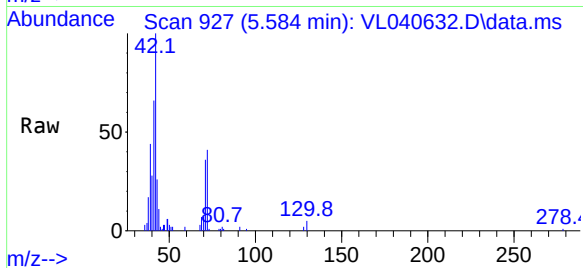
VSTDIC0.5

Tgt Ion:	42	Resp:	3444
Ion Ratio	Lower	Upper	
42	100		
72	40.1	34.2	51.4
71	40.6	33.4	50.0

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 0.460 ppbv

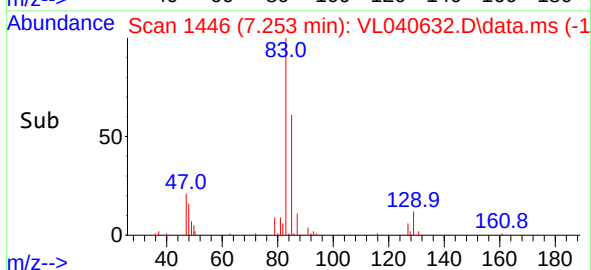
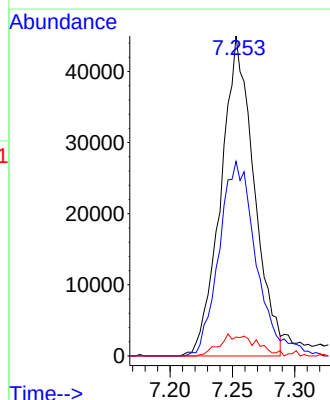
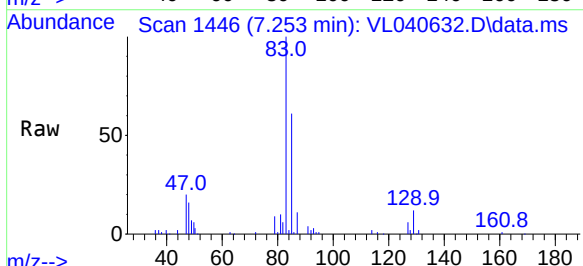
RT: 7.253 min Scan# 1446

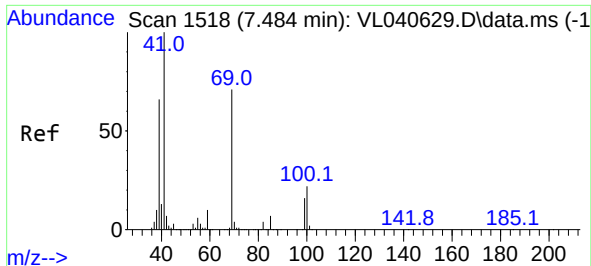
Delta R.T. -0.006 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

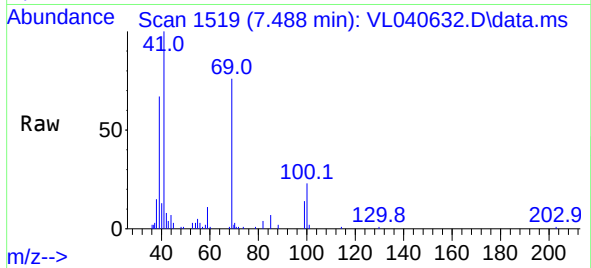
Tgt Ion:	83	Resp:	83221
Ion Ratio	Lower	Upper	
83	100		
85	60.8	52.5	78.7
127	5.9	6.1	9.1





#43
Methyl Methacrylate
Concen: 0.394 ppbv
RT: 7.488 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

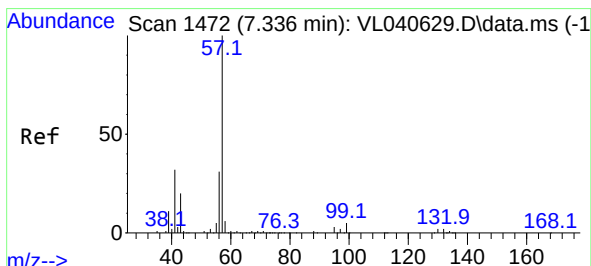
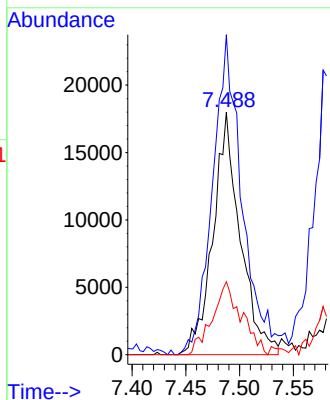
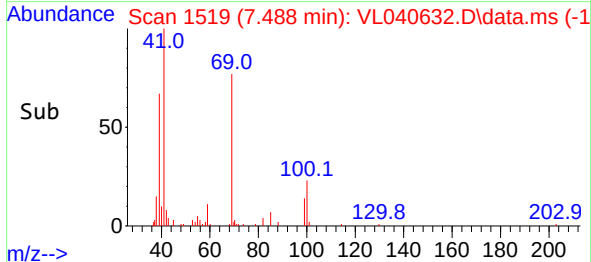
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



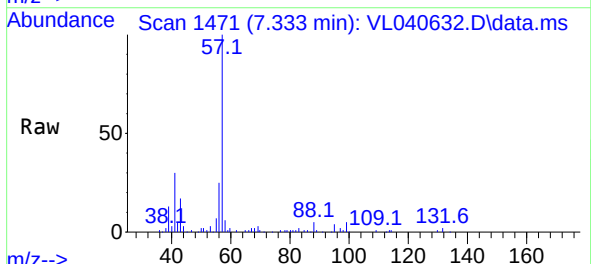
Tgt Ion: 69 Resp: 3174
Ion Ratio Lower Upper
69 100
41 144.7 111.8 167.8
100 34.4 25.8 38.6

Manual Integrations
APPROVED

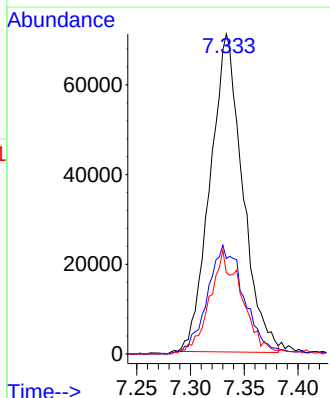
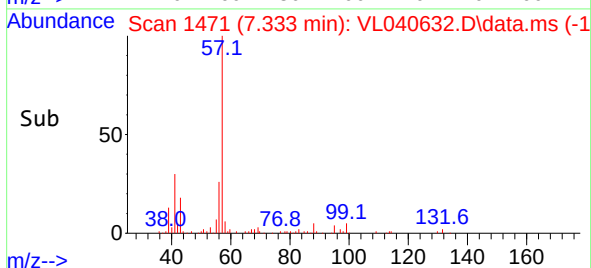
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

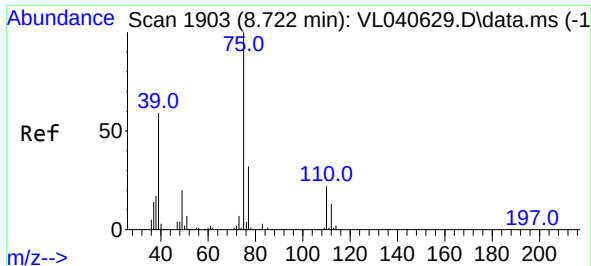


#44
2,2,4-Trimethylpentane
Concen: 0.427 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



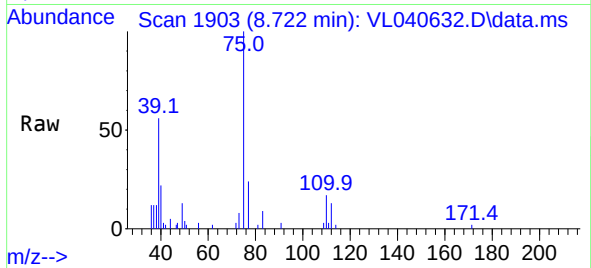
Tgt Ion: 57 Resp: 148634
Ion Ratio Lower Upper
57 100
41 39.0 26.2 39.4
56 33.5 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 0.381 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

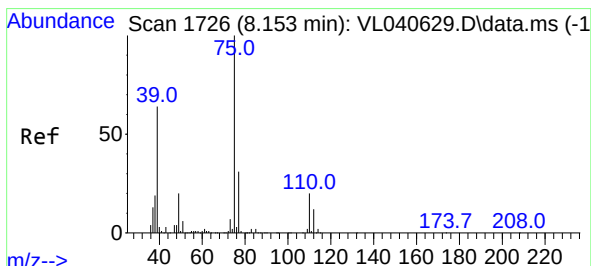
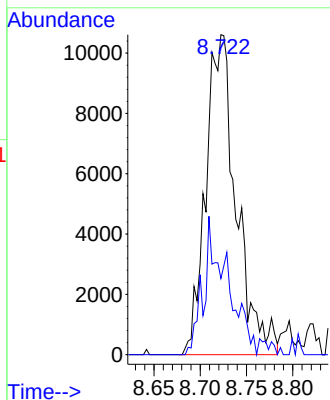
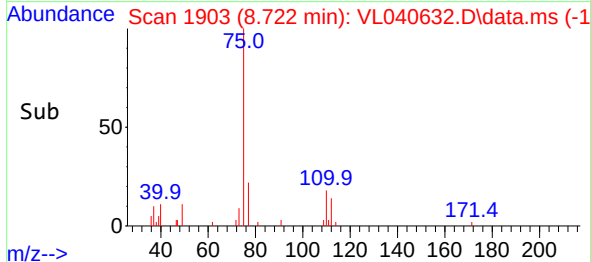
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



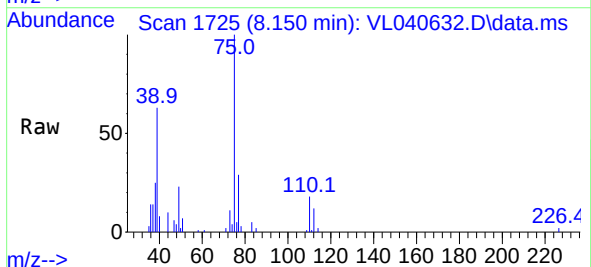
Tgt Ion: 75 Resp: 24230
Ion Ratio Lower Upper
75 100
77 23.8 25.6 38.4

Manual Integrations
APPROVED

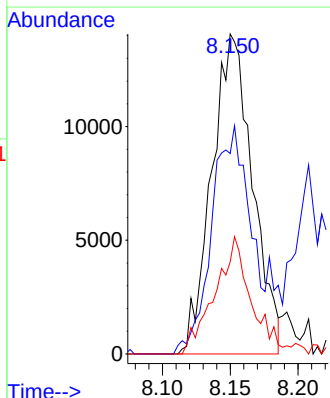
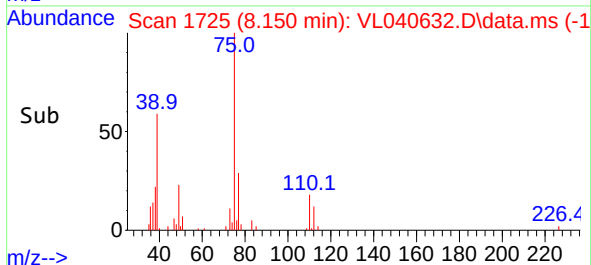
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

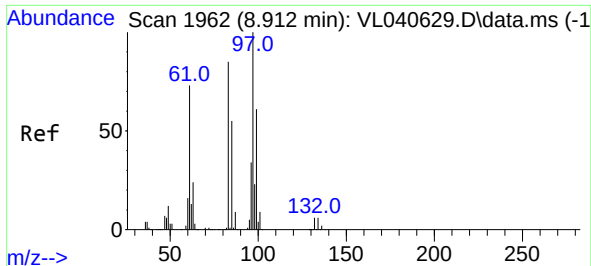


#46
cis-1,3-Dichloropropene
Concen: 0.377 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion: 75 Resp: 29509
Ion Ratio Lower Upper
75 100
39 60.0 51.0 76.4
77 28.8 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 0.481 ppbv

RT: 8.909 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

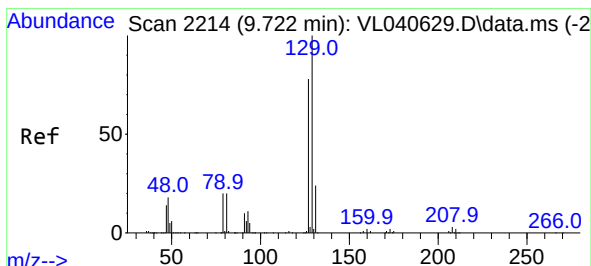
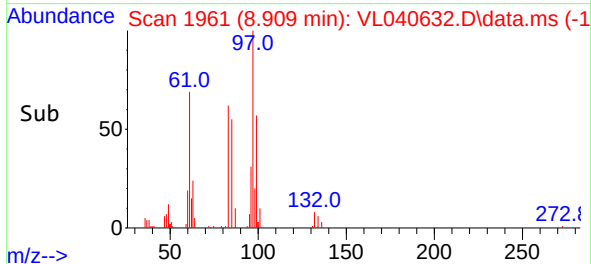
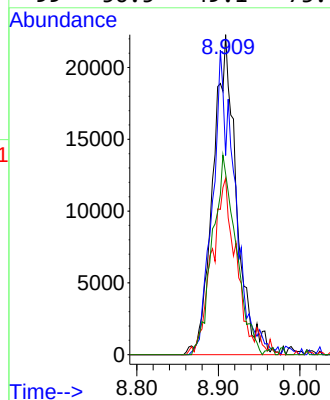
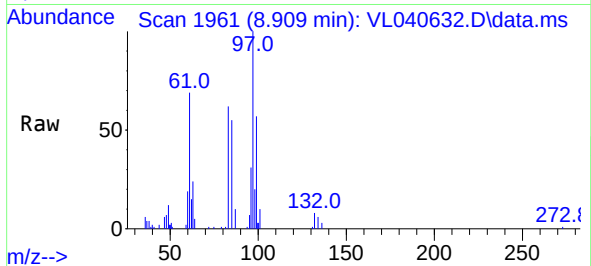
Tgt Ion: 97 Resp: 44554

Ion	Ratio	Lower	Upper
97	100		
83	62.3	67.8	101.8
85	55.1	44.0	66.0
99	56.5	49.1	73.7

Manual Integrations

APPROVED

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



#48

Dibromochloromethane

Concen: 0.410 ppbv

RT: 9.716 min Scan# 2212

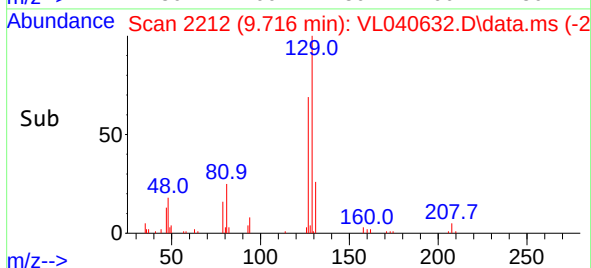
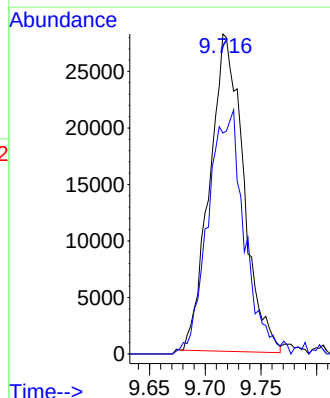
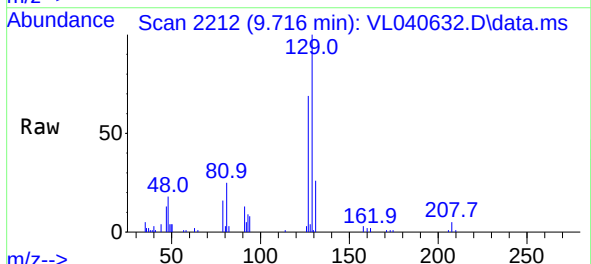
Delta R.T. -0.006 min

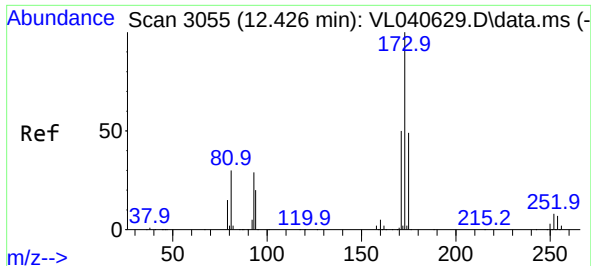
Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Tgt Ion:129 Resp: 59464

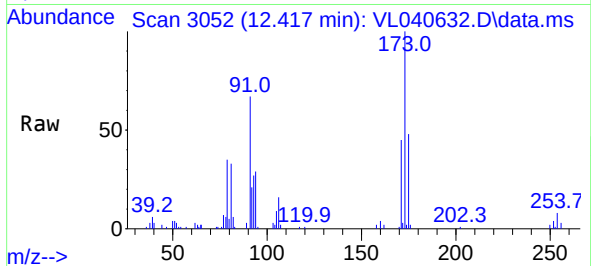
Ion	Ratio	Lower	Upper
129	100		
127	83.1	38.9	116.7





#49
Bromoform
Concen: 0.395 ppbv
RT: 12.417 min Scan# 3055
Delta R.T. -0.010 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

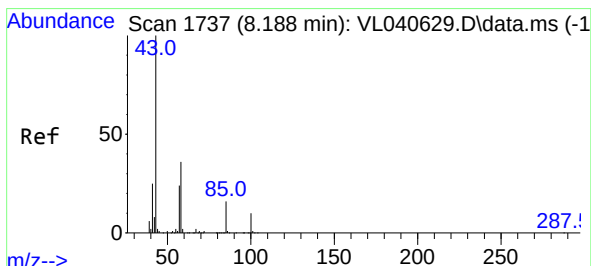
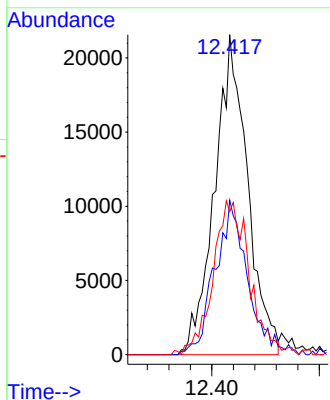
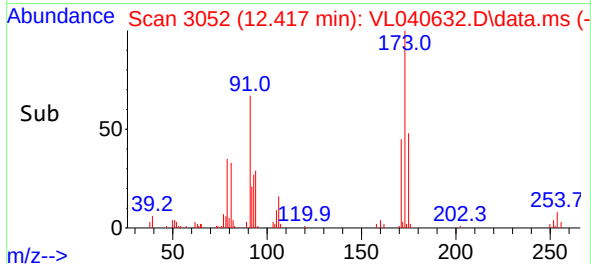
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



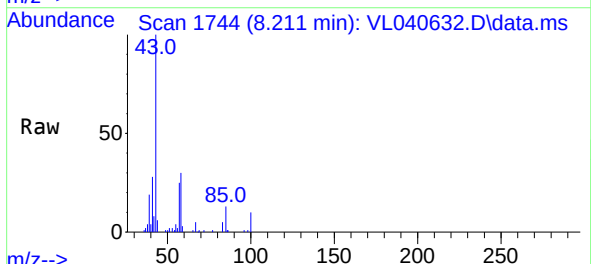
Tgt Ion: 173 Resp: 45780
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
171 53.7 41.9 62.9

Manual Integrations
APPROVED

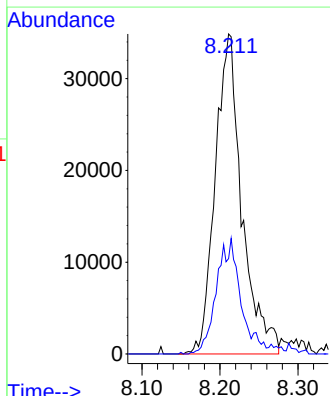
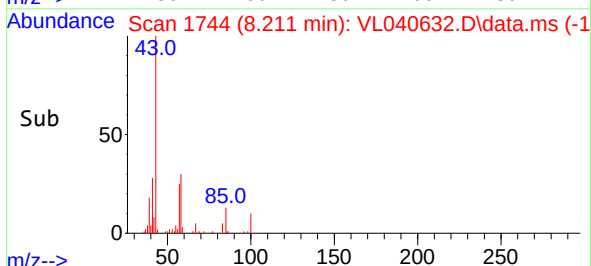
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

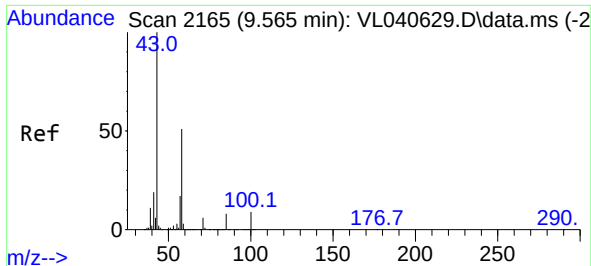


#50
4-Methyl-2-Pentanone
Concen: 0.415 ppbv m
RT: 8.211 min Scan# 1744
Delta R.T. 0.023 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



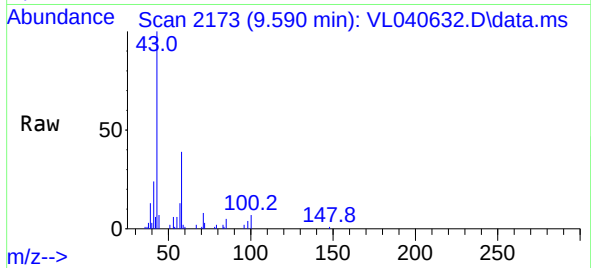
Tgt Ion: 43 Resp: 82951
Ion Ratio Lower Upper
43 100
58 33.4 29.2 43.8





#51
2-Hexanone
Concen: 0.384 ppbv m
RT: 9.590 min Scan# 2165
Delta R.T. 0.026 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

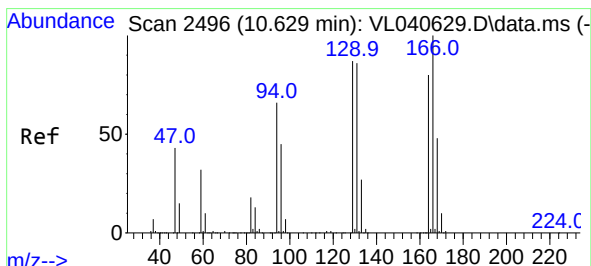
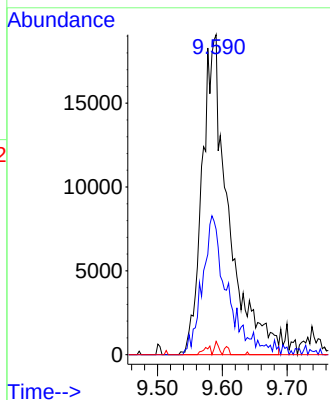
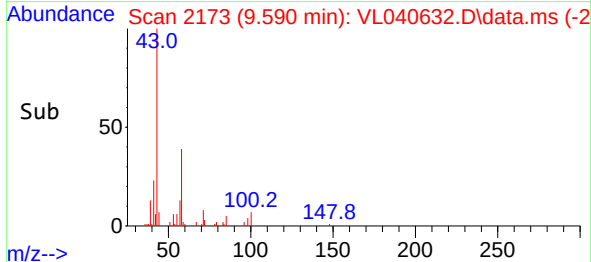
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



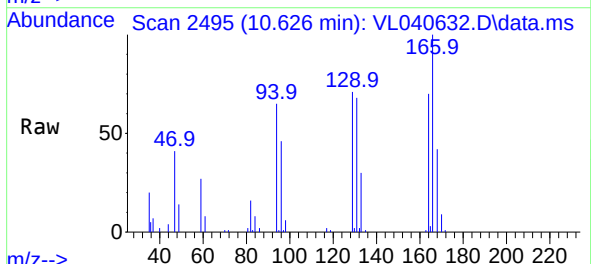
Tgt Ion: 43 Resp: 5378
Ion Ratio Lower Upper
43 100
58 0.0 39.4 59.2
98 0.0 0.4 0.6

Manual Integrations
APPROVED

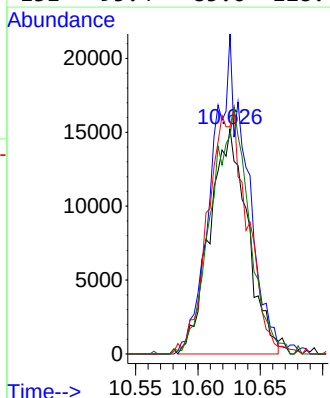
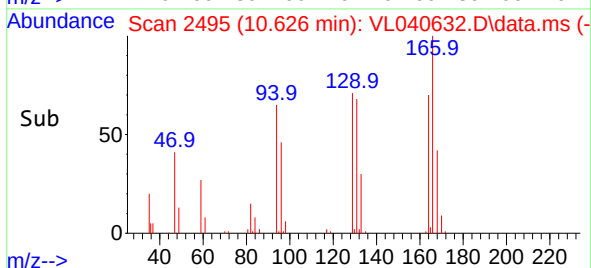
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

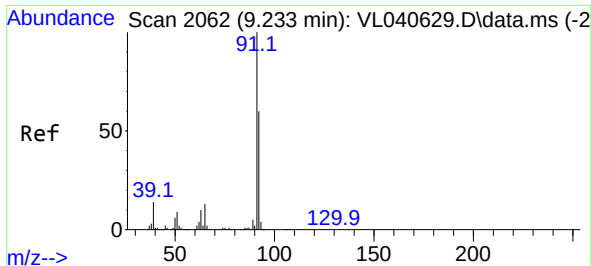


#52
Tetrachloroethene
Concen: 0.477 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



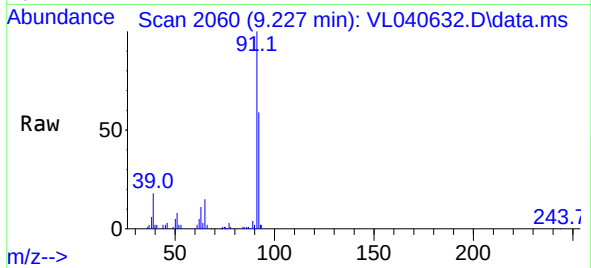
Tgt Ion:164 Resp: 32214
Ion Ratio Lower Upper
164 100
166 140.9 99.5 149.3
129 97.6 86.9 130.3
131 95.4 85.6 128.4





#53
Toluene
Concen: 0.378 ppbv m
RT: 9.227 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

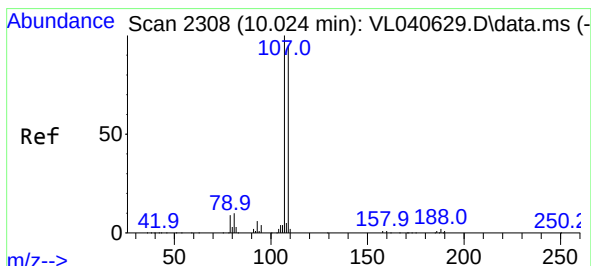
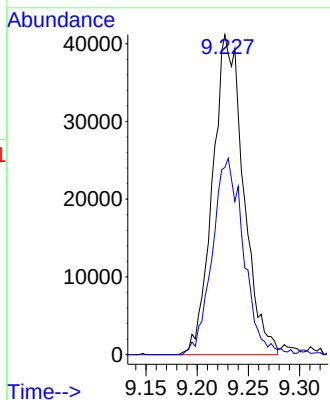
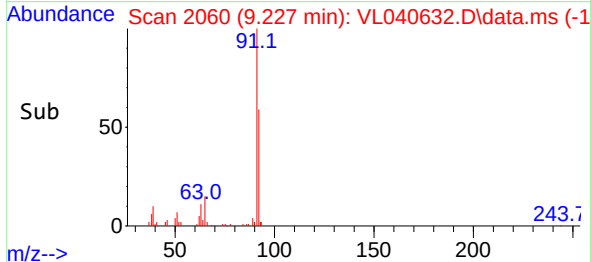
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



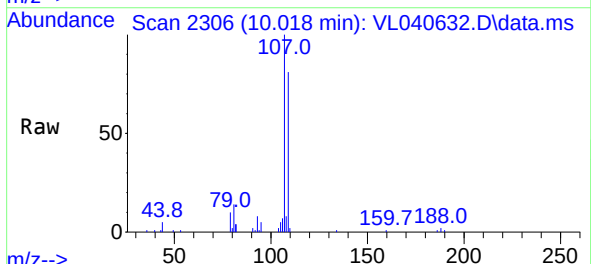
Tgt Ion: 91 Resp: 8654
Ion Ratio Lower Upper
91 100
92 61.9 48.0 72.0

Manual Integrations
APPROVED

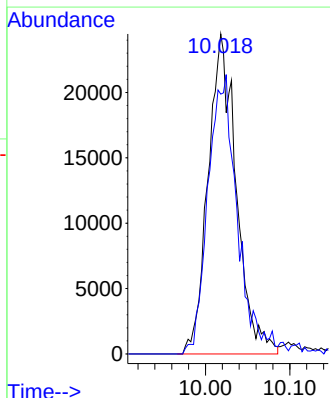
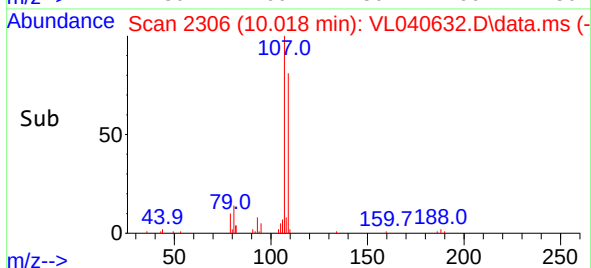
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

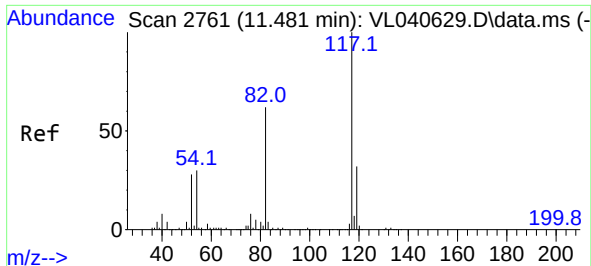


#54
1,2-Dibromoethane
Concen: 0.511 ppbv m
RT: 10.018 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



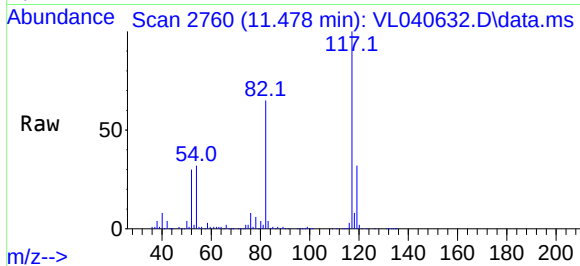
Tgt Ion:107 Resp: 56863
Ion Ratio Lower Upper
107 100
109 81.2 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

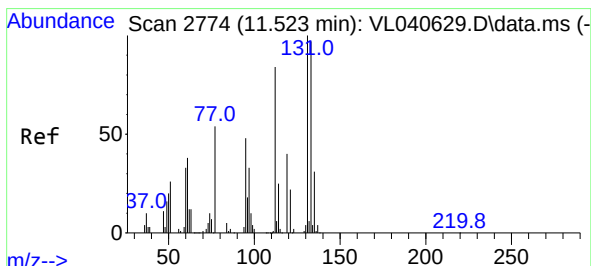
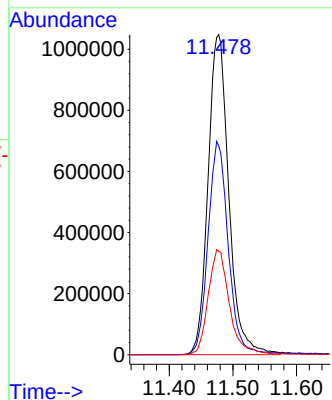
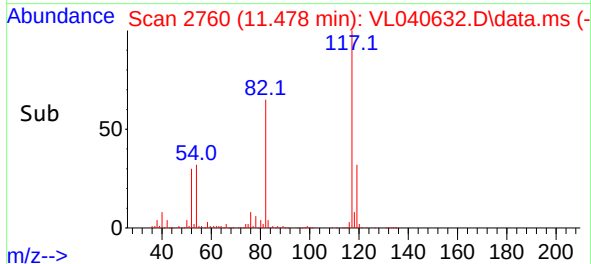
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



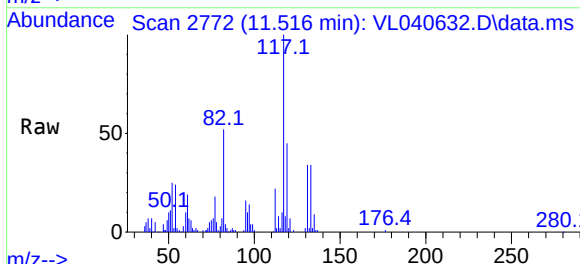
Tgt Ion:117 Resp: 2375244
Ion Ratio Lower Upper
117 100
82 65.1 49.5 74.3
119 33.7 24.5 36.7

Manual Integrations
APPROVED

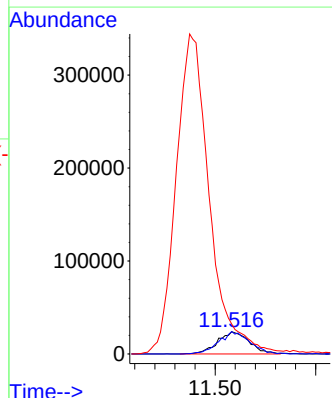
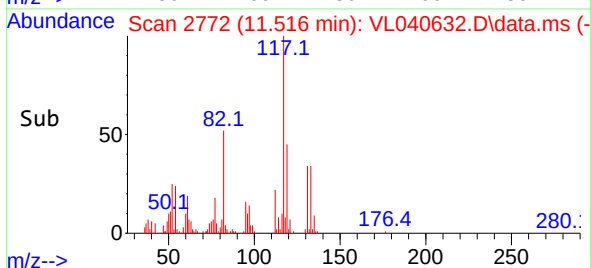
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

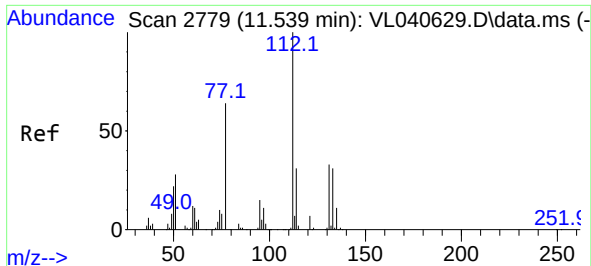


#56
1,1,1,2-Tetrachloroethane
Concen: 0.476 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



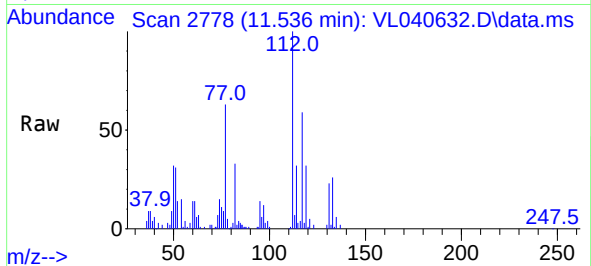
Tgt Ion:131 Resp: 52337
Ion Ratio Lower Upper
131 100
133 98.7 75.4 113.0
119 1527.4 51.0 76.6#





#57
Chlorobenzene
Concen: 0.500 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

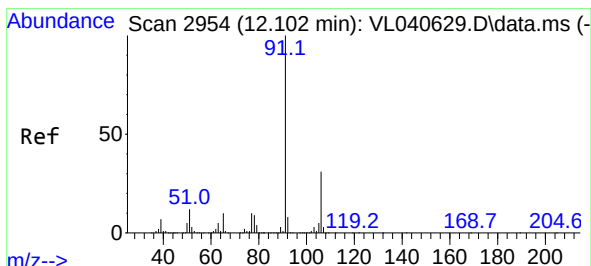
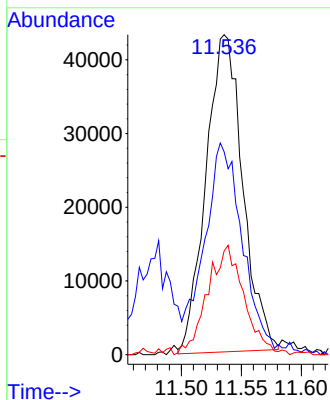
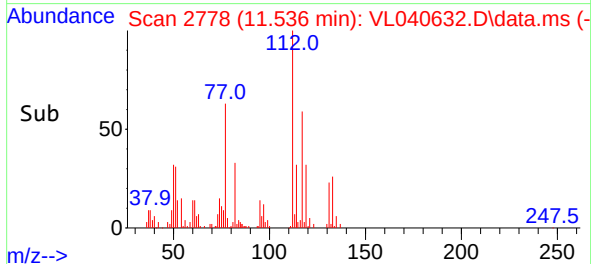
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



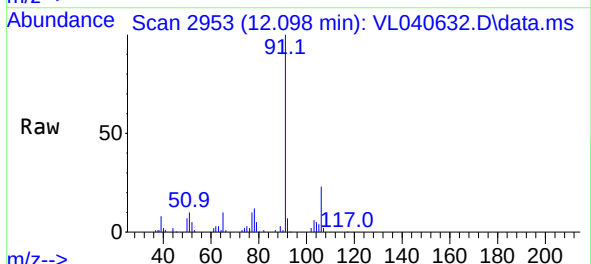
Tgt Ion:112 Resp: 91710
Ion Ratio Lower Upper
112 100
77 61.2 52.5 78.7
114 35.5 27.8 34.0

Manual Integrations
APPROVED

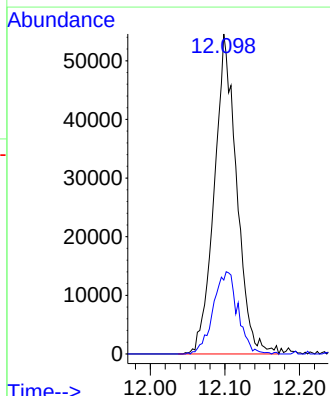
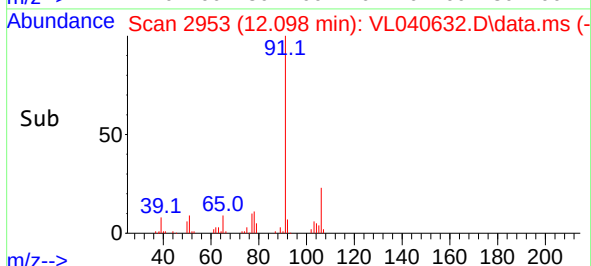
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

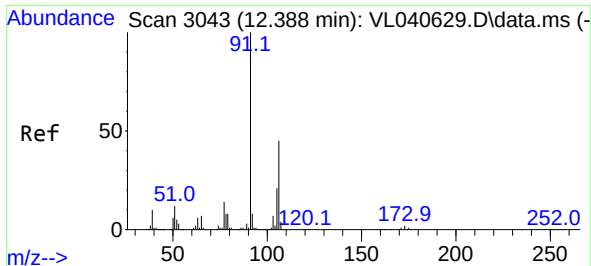


#58
Ethyl Benzene
Concen: 0.398 ppbv m
RT: 12.098 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion: 91 Resp: 113874
Ion Ratio Lower Upper
91 100
106 23.1 24.6 36.8#





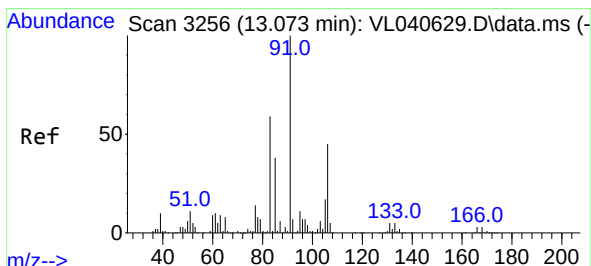
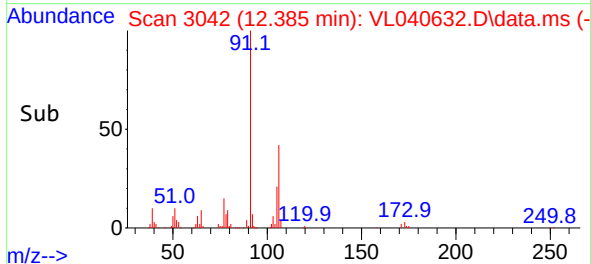
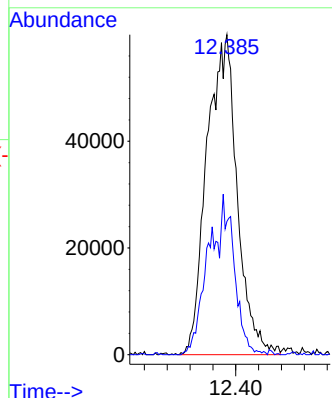
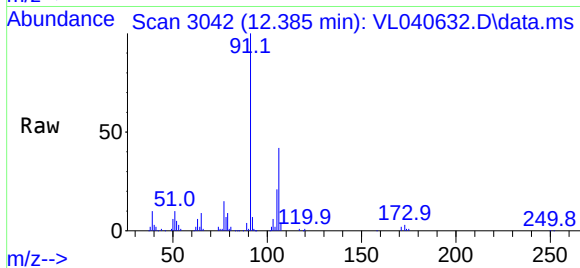
#59
m/p-Xylene
Concen: 0.846 ppbv m
RT: 12.385 min Scan# 3043
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 220954
Ion Ratio Lower Upper
91 100
106 0.0 35.3 52.9

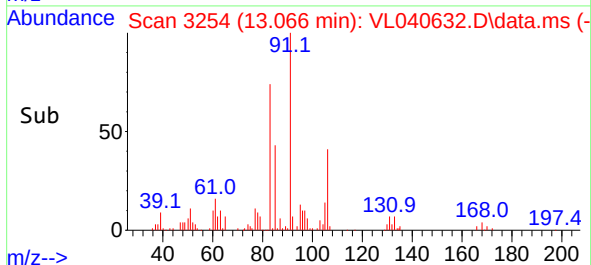
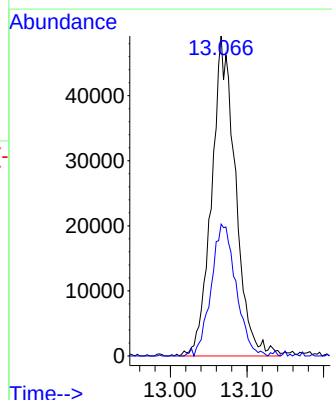
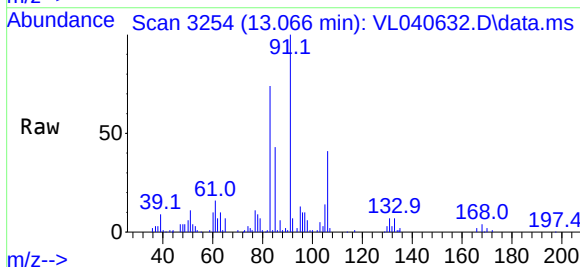
Manual Integrations
APPROVED

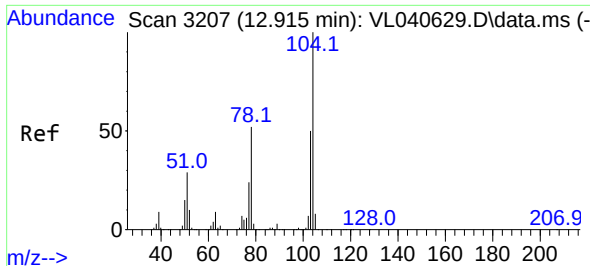
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#60
o-Xylene
Concen: 0.431 ppbv m
RT: 13.066 min Scan# 3254
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

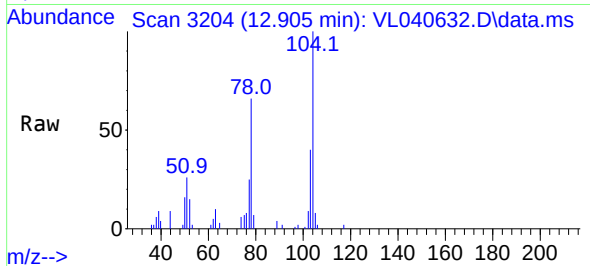
Tgt Ion: 91 Resp: 106669
Ion Ratio Lower Upper
91 100
106 42.7 22.5 67.5





#61
Styrene
Concen: 0.325 ppbv m
RT: 12.905 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

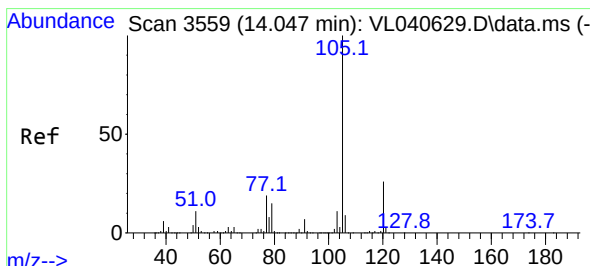
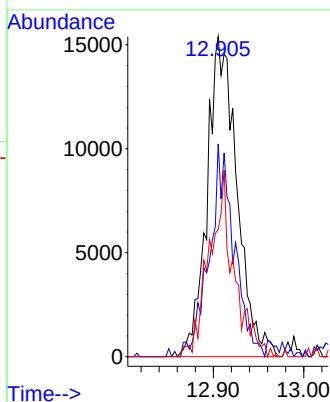
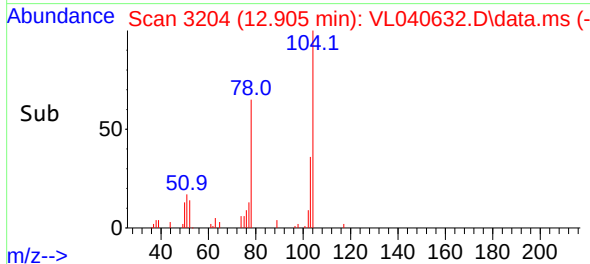
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



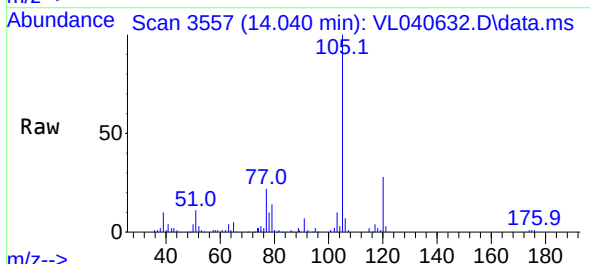
Tgt Ion:104 Resp: 3526
Ion Ratio Lower Upper
104 100
78 0.0 41.0 61.4
103 47.4 37.3 55.9

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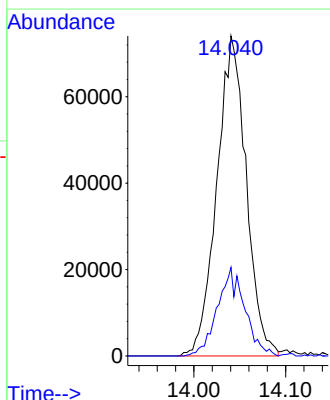
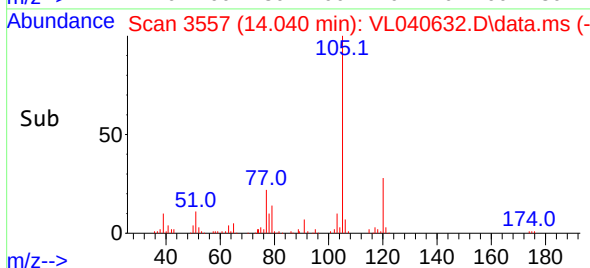
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

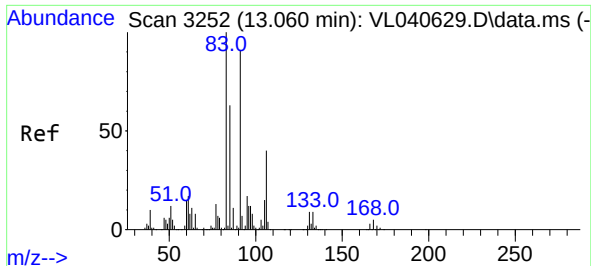


#62
Isopropylbenzene
Concen: 0.440 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion:105 Resp: 164858
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5





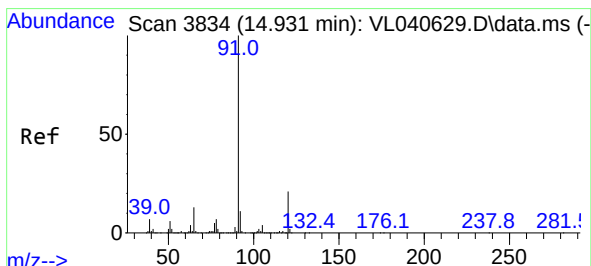
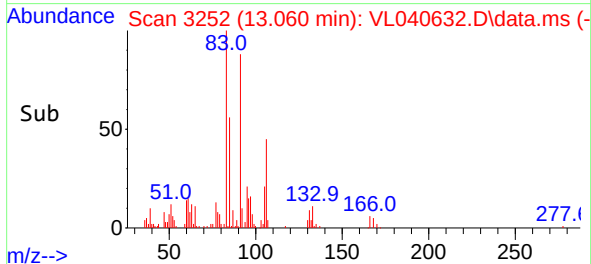
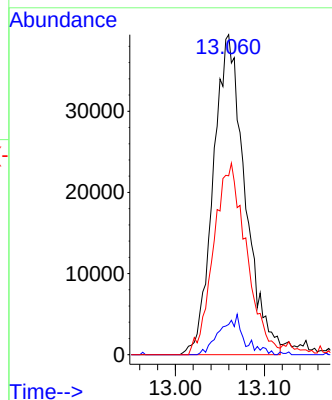
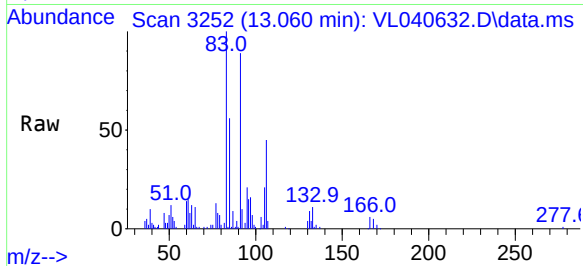
#63
1,1,2,2-Tetrachloroethane
Concen: 0.520 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 97690
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.7
85 63.5 32.4 97.2

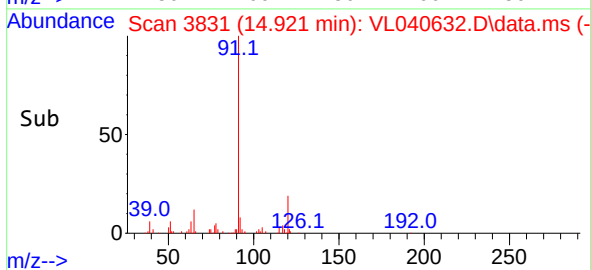
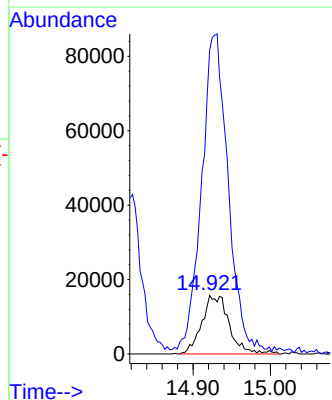
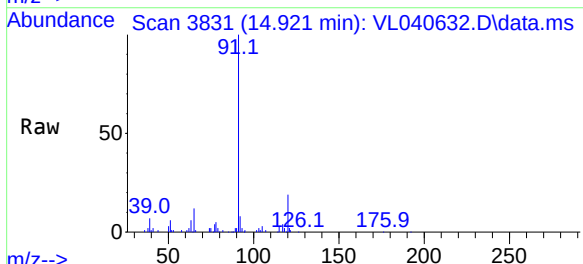
Manual Integrations
APPROVED

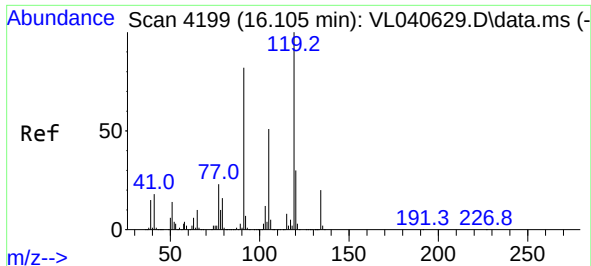
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#64
n-propylbenzene
Concen: 0.408 ppbv m
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Tgt Ion:120 Resp: 38608
Ion Ratio Lower Upper
120 100
91 305.7 387.8 581.8#





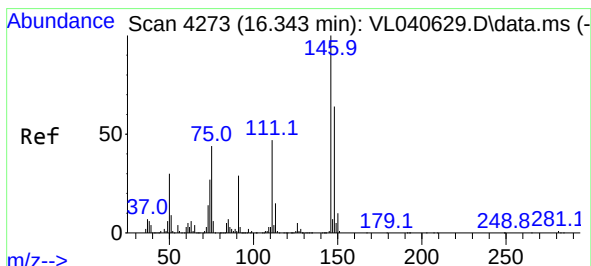
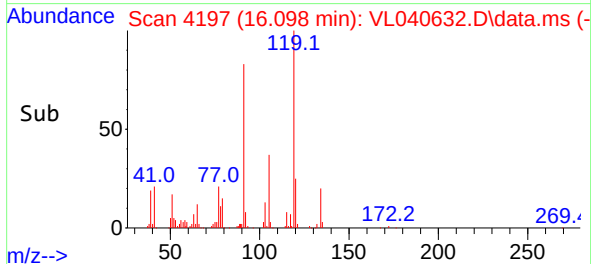
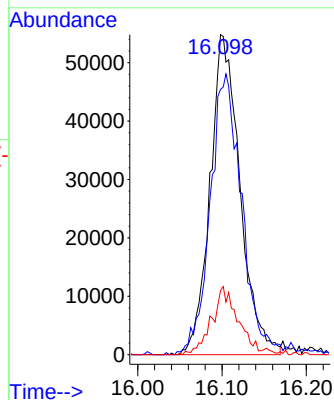
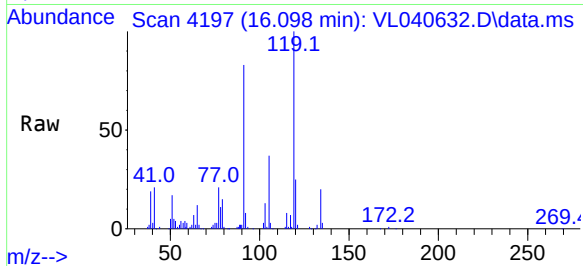
#65
tert-Butylbenzene
Concen: 0.416 ppbv
RT: 16.098 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 13519
Ion Ratio Lower Upper
119 100
91 94.1 67.8 101.6
134 19.4 15.7 23.5

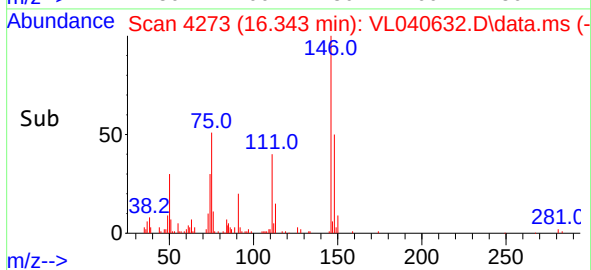
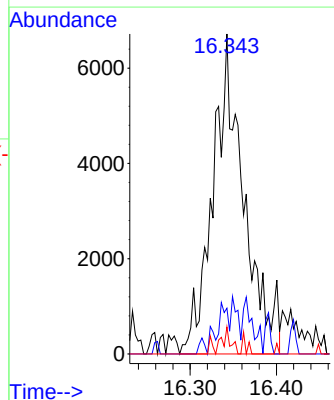
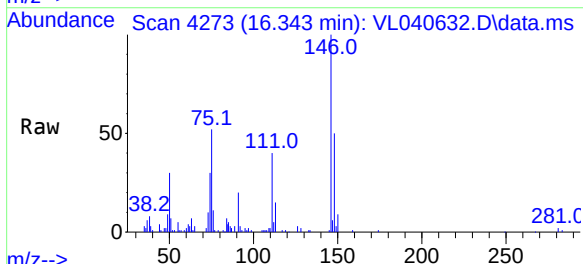
Manual Integrations
APPROVED

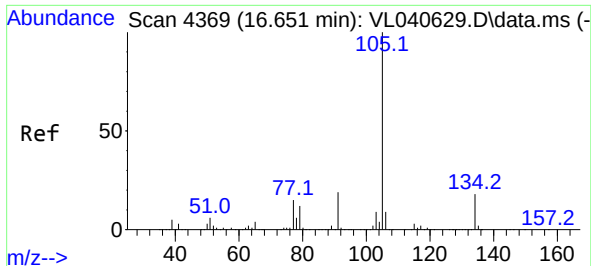
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#66
Benzyl Chloride
Concen: 0.411 ppbv m
RT: 16.343 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Tgt Ion: 91 Resp: 16674
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 2.9 4.3 6.5#





#67

sec-Butylbenzene

Concen: 0.415 ppbv

RT: 16.648 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:105 Resp: 196690

Ion Ratio Lower Upper

105 100

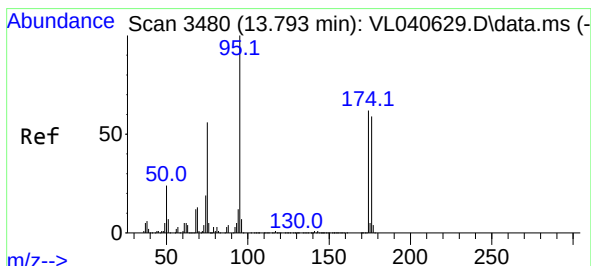
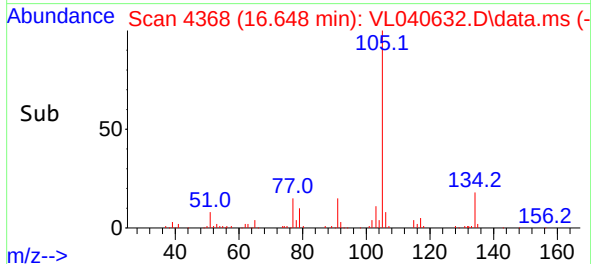
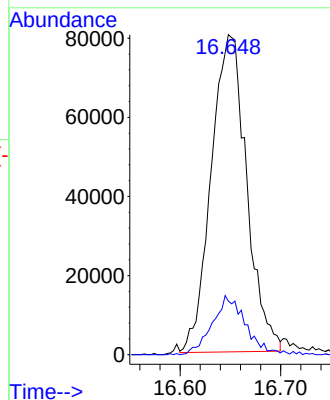
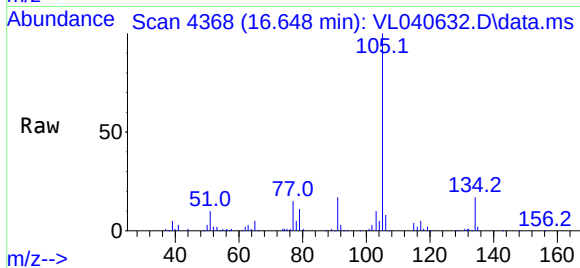
134 17.7 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 10.033 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. -0.006 min

Lab File: VL040632.D

Acq: 15 Aug 2023 12:18

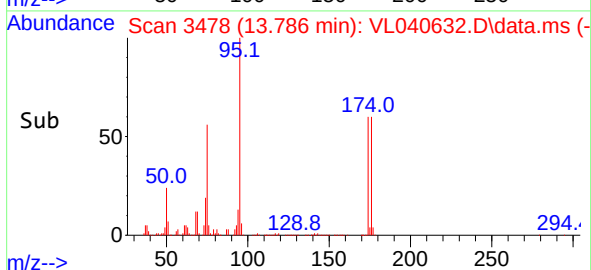
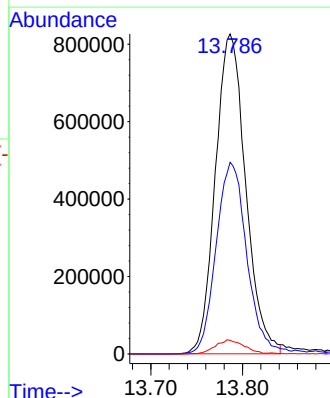
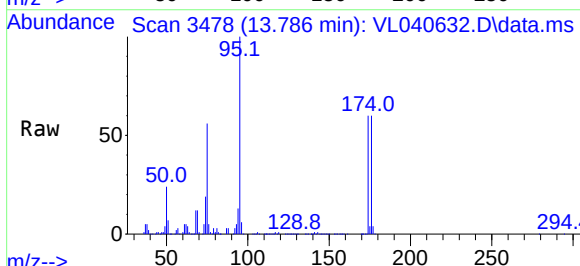
Tgt Ion: 95 Resp: 1895251

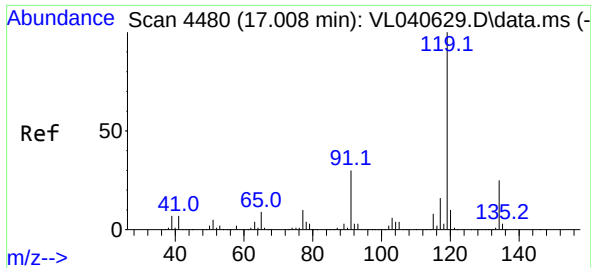
Ion Ratio Lower Upper

95 100

174 62.5 49.1 73.7

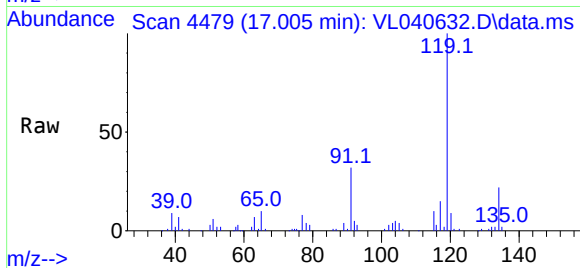
175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.412 ppbv m
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

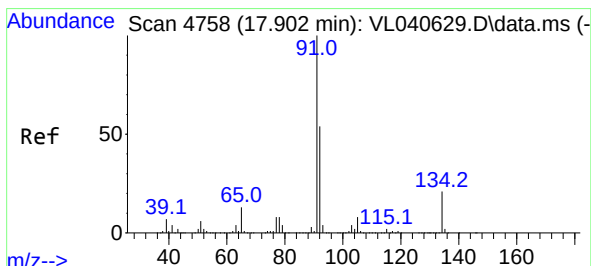
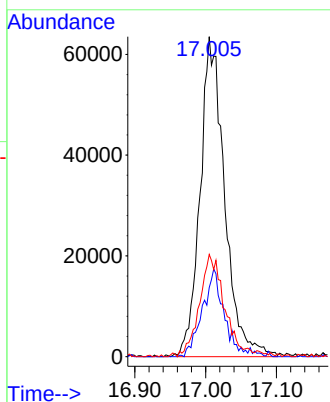
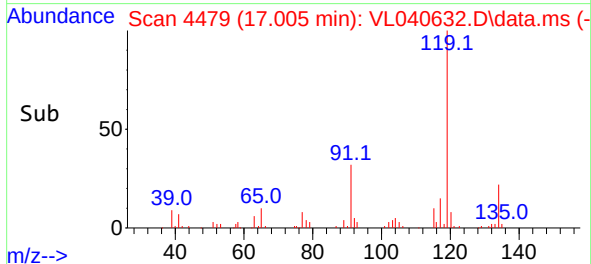
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



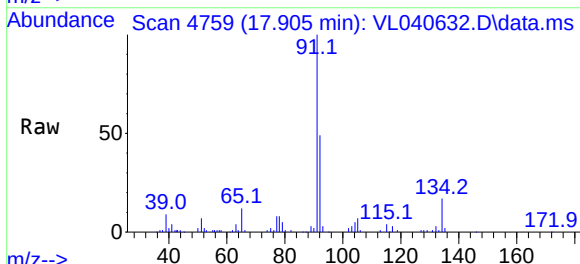
Tgt Ion:119 Resp: 152829
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.4#
91 33.6 24.2 36.4#

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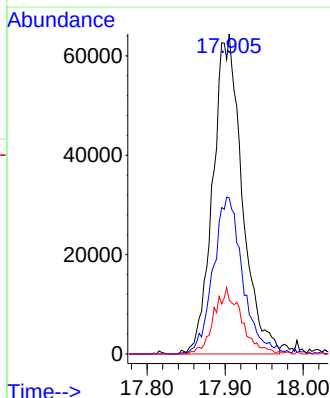
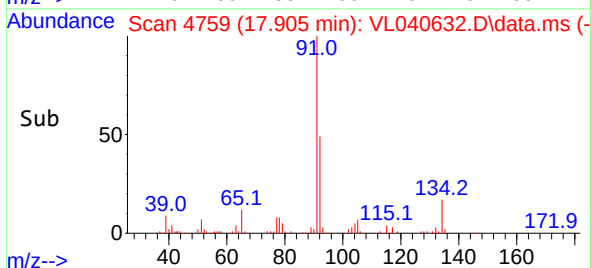
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

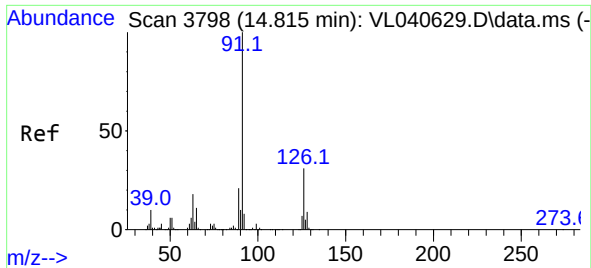


#70
n-Butylbenzene
Concen: 0.414 ppbv m
RT: 17.905 min Scan# 4759
Delta R.T. 0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion: 91 Resp: 167419
Ion Ratio Lower Upper
91 100
92 0.0 42.9 64.3#
134 0.0 17.0 25.6#





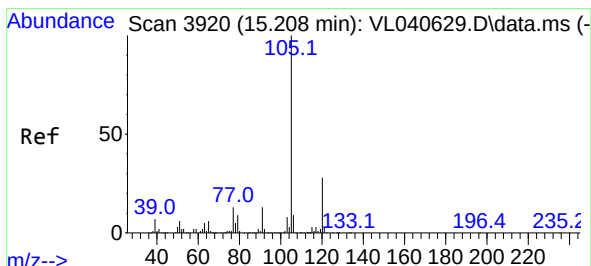
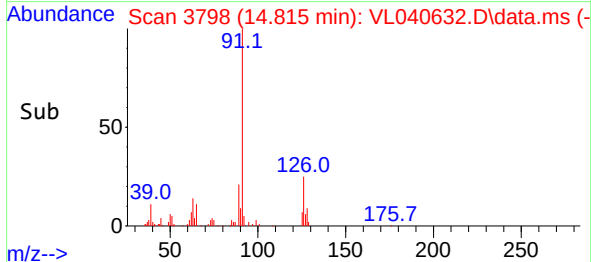
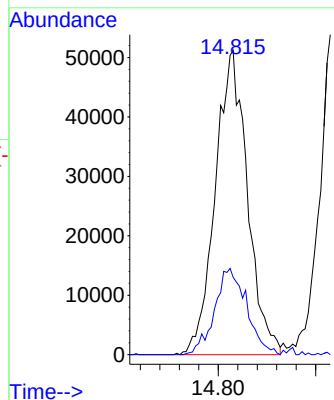
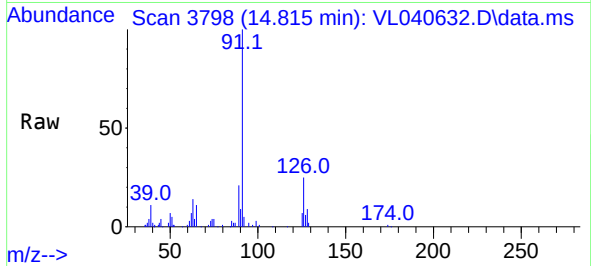
#71
2-Chlorotoluene
Concen: 0.422 ppbv
RT: 14.815 min Scan# 3798
Delta R.T. 0.000 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 117408
Ion Ratio Lower Upper
91 100
126 28.8 12.2 49.0

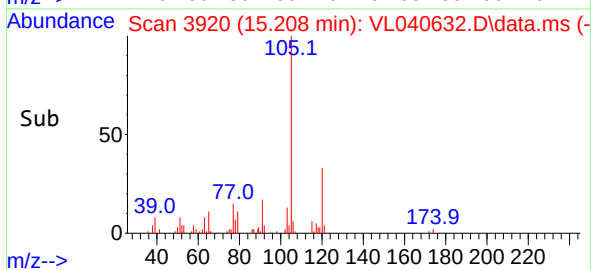
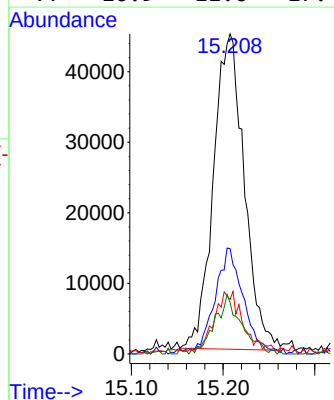
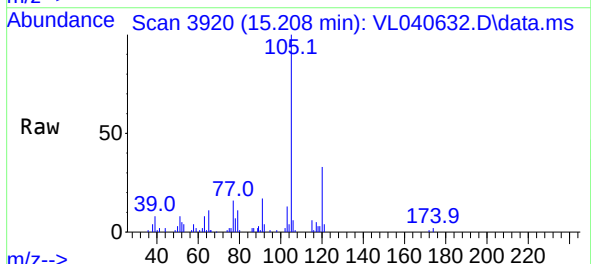
Manual Integrations
APPROVED

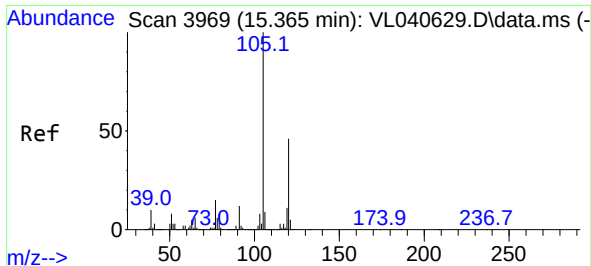
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#72
4-Ethyltoluene
Concen: 0.374 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.000 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

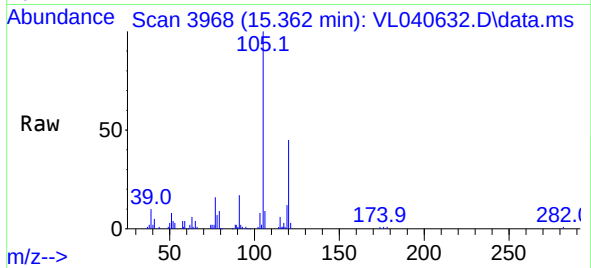
Tgt Ion:105 Resp: 104461
Ion Ratio Lower Upper
105 100
120 32.1 23.0 34.6
91 18.2 10.9 16.3#
77 16.9 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 0.395 ppbv
RT: 15.362 min Scan# 3969
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

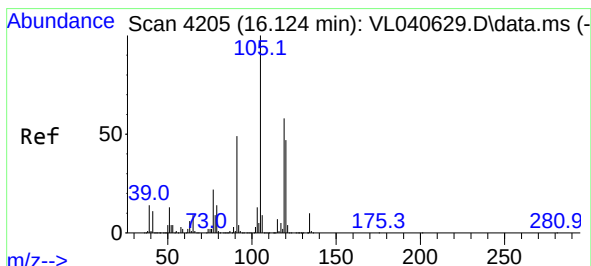
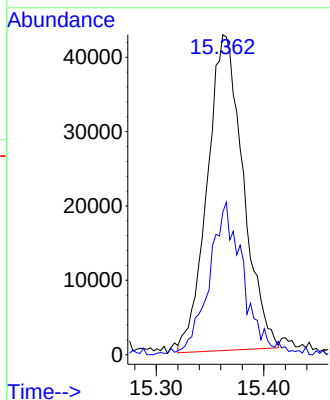
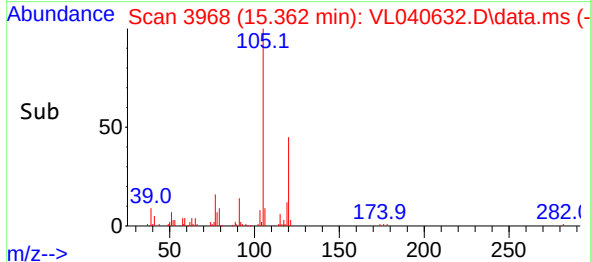
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



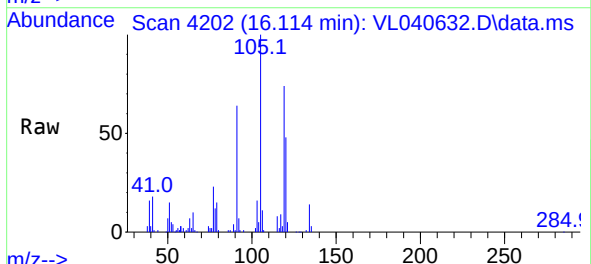
Tgt Ion:105 Resp: 9845
Ion Ratio Lower Upper
105 100
120 44.6 36.5 54.7

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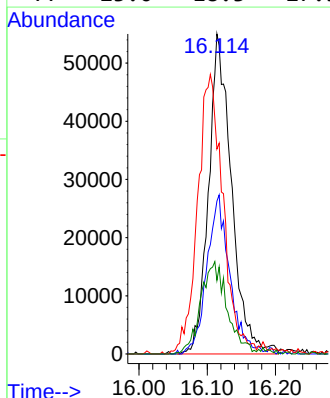
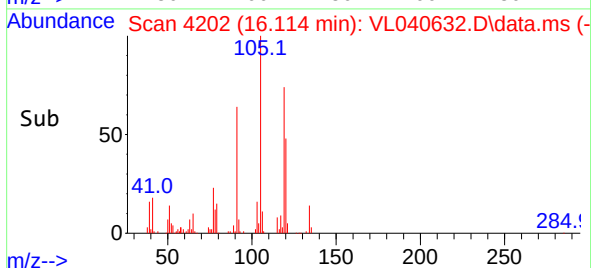
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

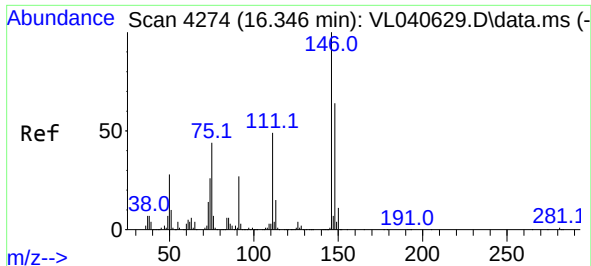


#74
1,2,4-Trimethylbenzene
Concen: 0.442 ppbv m
RT: 16.114 min Scan# 4202
Delta R.T. -0.010 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion:105 Resp: 128917
Ion Ratio Lower Upper
105 100
120 47.7 37.7 56.5
91 64.0 41.2 61.8#
77 23.0 18.3 27.5





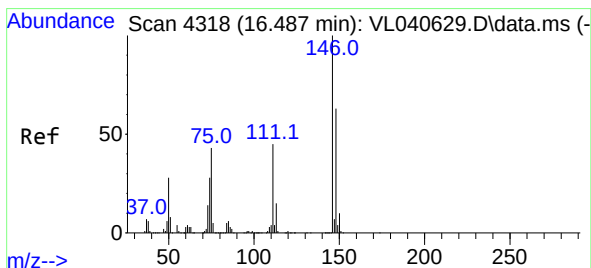
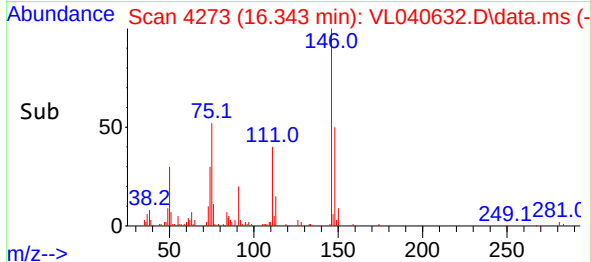
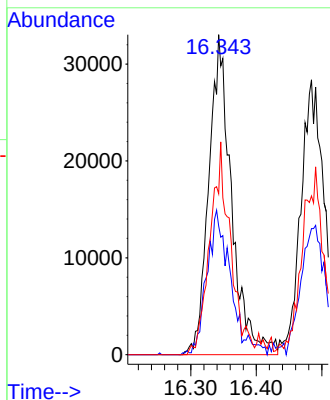
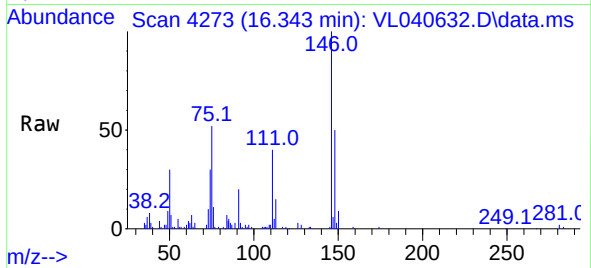
#75
1,3-Dichlorobenzene
Concen: 0.472 ppbv m
RT: 16.343 min Scan# 4317
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 7957
Ion Ratio Lower Upper
146 100
111 48.1 23.7 71.1
148 62.3 31.7 95.1

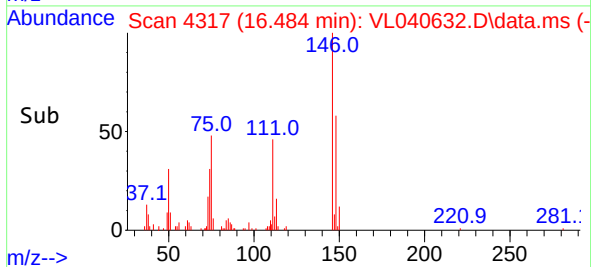
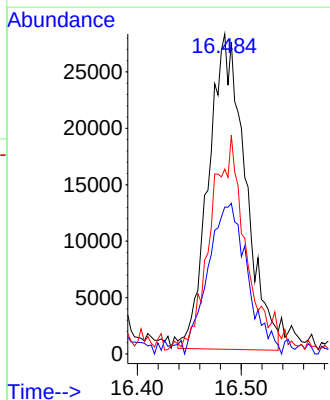
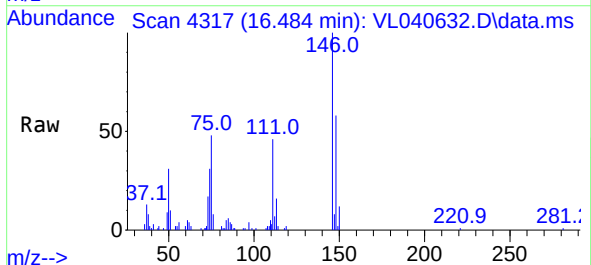
Manual Integrations
APPROVED

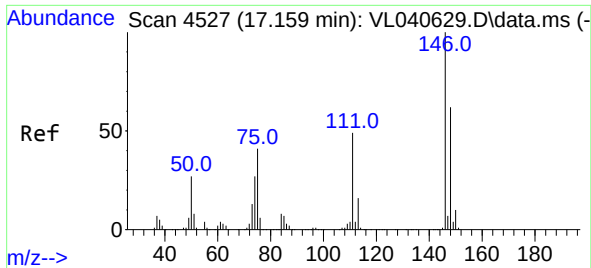
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#76
1,4-Dichlorobenzene
Concen: 0.409 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Tgt Ion:146 Resp: 68787
Ion Ratio Lower Upper
146 100
111 54.8 23.2 69.5
148 70.2 32.5 97.5





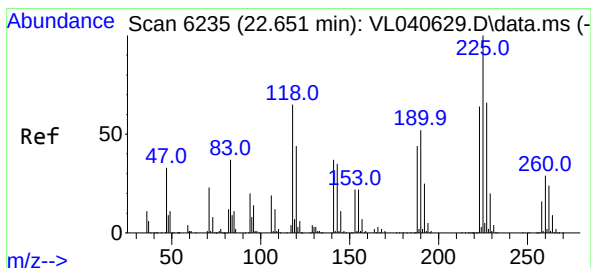
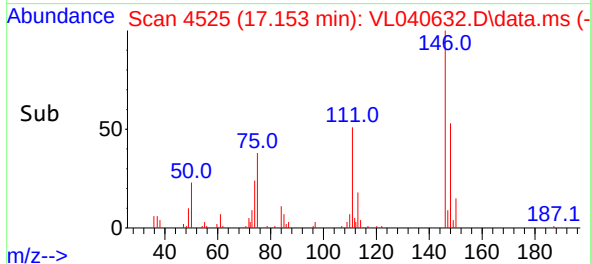
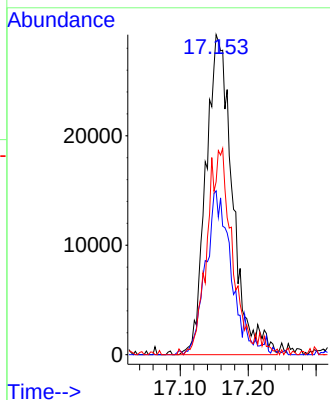
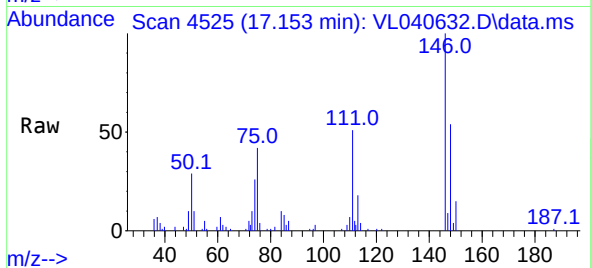
#77
1,2-Dichlorobenzene
Concen: 0.481 ppbv m
RT: 17.153 min Scan# 4527
Delta R.T. -0.006 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 7967
Ion Ratio Lower Upper
146 100
111 50.7 24.6 74.0
148 62.5 32.1 96.5

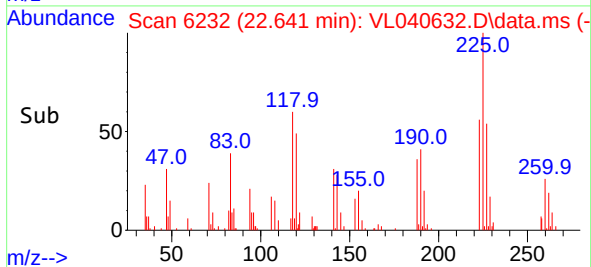
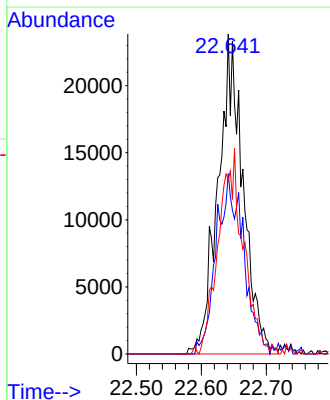
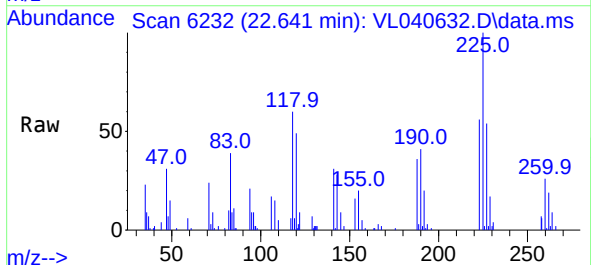
Manual Integrations
APPROVED

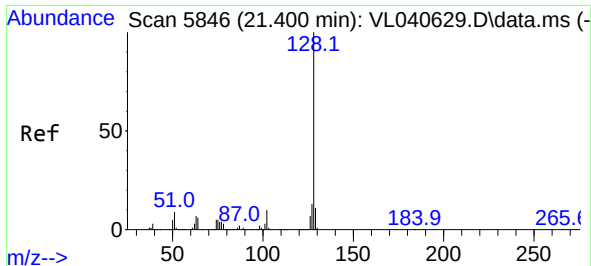
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.505 ppbv m
RT: 22.641 min Scan# 6232
Delta R.T. -0.010 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

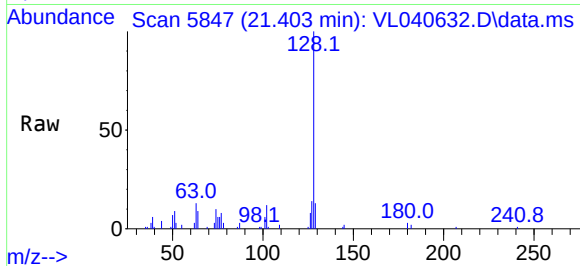
Tgt Ion:225 Resp: 63594
Ion Ratio Lower Upper
225 100
223 61.3 50.6 76.0
227 0.0 51.2 76.8#





#79
Naphthalene
Concen: 0.368 ppbv m
RT: 21.403 min Scan# 5846
Delta R.T. 0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

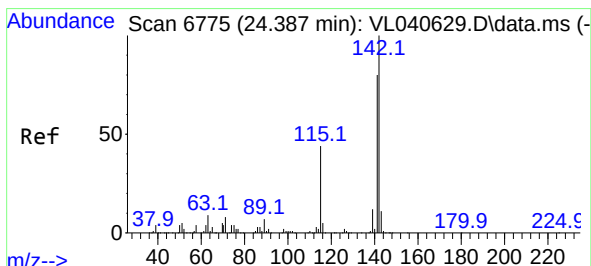
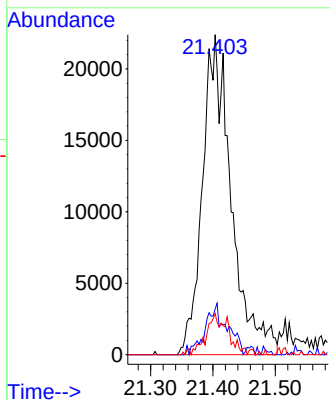
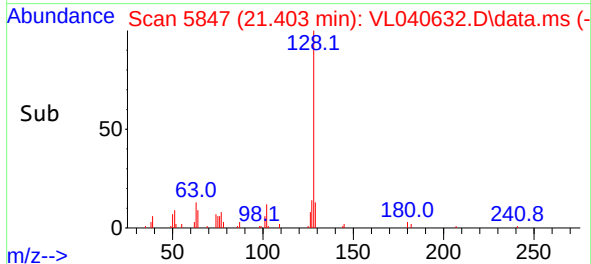
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



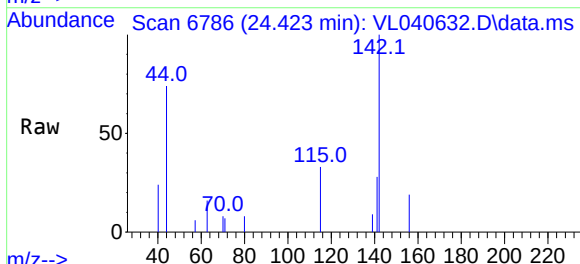
Tgt Ion:128 Resp: 71814
Ion Ratio Lower Upper
128 100
127 14.3 10.1 15.1
129 12.9 9.2 13.8

Manual Integrations
APPROVED

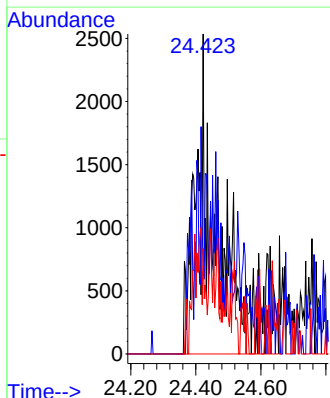
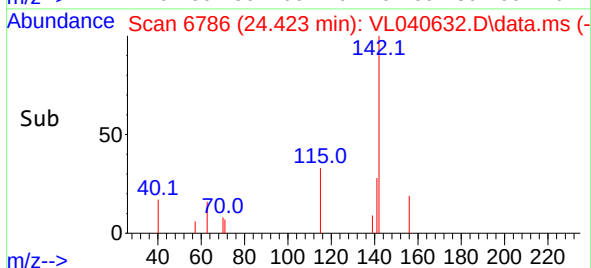
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

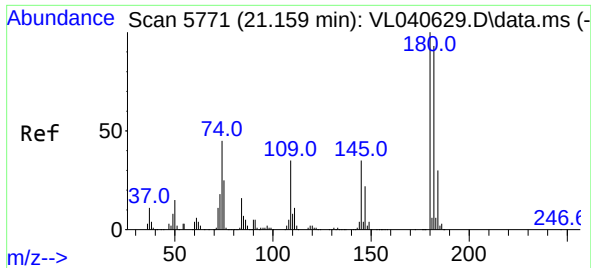


#80
Naphthalene,2-methyl-
Concen: 0.230 ppbv m
RT: 24.423 min Scan# 6786
Delta R.T. 0.035 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18



Tgt Ion:142 Resp: 11989
Ion Ratio Lower Upper
142 100
141 24.8 64.6 96.8#
115 19.7 33.7 50.5#





#81
1,2,4-Trichlorobenzene
Concen: 0.392 ppbv m
RT: 21.162 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL040632.D
Acq: 15 Aug 2023 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.0	117.0
184	0.0	24.6	36.8

Manual Integrations
APPROVED

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

