

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
 Data File : VL040309.D
 Acq On : 5 Apr 2023 9:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

Quant Time: Apr 06 07:49:28 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1049524	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.632	114	2600377	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2604476m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.757 95 2195334 10.066 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.700	85	1585248	7.698	ppbv	96
3) Chlorodifluoromethane	2.645	51	1164708	8.825	ppbv	99
4) Chloromethane	2.783	50	733443	9.000	ppbv	100
5) Vinyl Chloride	2.890	62	635381	9.629	ppbv	97
6) Bromomethane	3.089	94	219077	9.574	ppbv	92
7) Chloroethane	3.166	64	236193	9.324	ppbv	96
8) Dichlorotetrafluoroethane	2.829	85	1651124	9.367	ppbv	98
9) Propene	2.665	41	462606	9.150	ppbv	97
10) Heptane	7.558	43	1190532	9.790	ppbv	99
11) Trichlorofluoromethane	3.533	101	1733940	9.294	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.041	101	1224281	8.738	ppbv	97
13) Ethanol	3.218	45	33097m	8.926	ppbv	
14) Bromoethene	3.340	108	510812	9.773	ppbv	100
15) Acetone	3.439	43	1102770	8.631	ppbv	98
16) 1,3-Butadiene	2.954	39	561604	9.670	ppbv	99
17) tert-Butyl alcohol	3.848	59	1244612	10.249	ppbv	100
18) 1,1-Dichloroethene	3.851	96	553116	9.202	ppbv	95
19) Isopropyl Alcohol	3.546	45	572036	9.346	ppbv	98
20) Methylene Chloride	3.906	84	460638	8.570	ppbv	99
21) Allyl Chloride	3.967	41	787165	9.511	ppbv	98
22) trans-1,2-Dichloroethene	4.420	96	576171	9.418	ppbv	96
23) Vinyl Acetate	4.600	43	352011	9.903	ppbv #	94
24) 1,1-Dichloroethane	4.536	63	1157395	9.128	ppbv	99
25) Ethyl Acetate	5.179	43	2223172	9.294	ppbv	99
26) Hexane	5.189	57	934136	9.513	ppbv	97
27) Carbon Disulfide	4.095	76	1357731	9.900	ppbv	98
28) Methyl tert-Butyl Ether	4.558	73	1026457	9.104	ppbv	99
29) Chloroform	5.250	83	1640656	9.462	ppbv	100
30) Cyclohexane	6.578	84	788179	10.186	ppbv	99
31) cis-1,2-Dichloroethene	5.053	61	967578	10.118	ppbv	97
32) 1,1,1-Trichloroethane	5.979	97	1675806	10.088	ppbv	99
34) 2-Butanone	4.761	43	1213646	9.457	ppbv	100
35) Carbon Tetrachloride	6.471	117	1718818	10.533	ppbv	99
36) Benzene	6.349	78	1949887	9.839	ppbv	99
37) 1,2-Dichloroethane	5.783	62	1278821	9.915	ppbv	100
38) Trichloroethene	7.272	130	1174916	10.849	ppbv	98
39) 1,2-Dichloropropane	7.053	63	755024	9.711	ppbv	99
40) 1,4-Dioxane	7.266	88	297240	9.664	ppbv	83
41) Tetrahydrofuran	5.533	42	715027	9.654	ppbv	99
42) Bromodichloromethane	7.227	83	1775072	10.071	ppbv	99
43) Methyl Methacrylate	7.455	69	776145	10.539	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3315388	10.034	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	738174	11.498	ppbv	99

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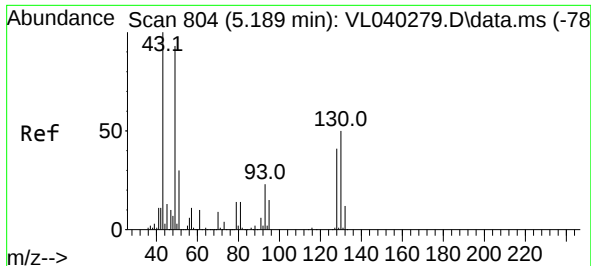
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

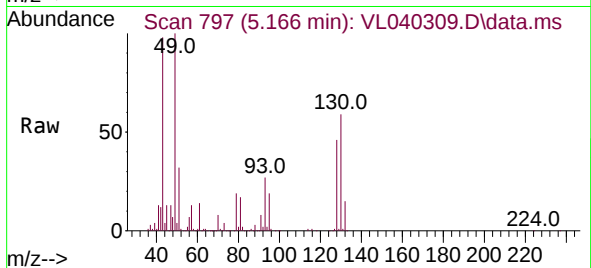
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1023482	11.227	ppbv	98
47) 1,1,2-Trichloroethane	8.880	97	795544	9.590	ppbv	94
48) Dibromochloromethane	9.690	129	1378125	10.095	ppbv	100
49) Bromoform	12.391	173	1042066	10.163	ppbv	99
50) 4-Methyl-2-Pentanone	8.159	43	2025841	10.201	ppbv	98
51) 2-Hexanone	9.529	43	1528819	9.937	ppbv	99
52) Tetrachloroethene	10.597	164	634525	10.583	ppbv	98
53) Toluene	9.201	91	2187758	10.535	ppbv	99
54) 1,2-Dibromoethane	9.989	107	871255	10.203	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.491	131	995296	9.084	ppbv	97
57) Chlorobenzene	11.510	112	1656774	8.943	ppbv	99
58) Ethyl Benzene	12.073	91	2959995	9.981	ppbv	100
59) m/p-Xylene	12.355	91	5181804m	19.074	ppbv	
60) o-Xylene	13.040	91	2476158	9.534	ppbv	100
61) Styrene	12.880	104	1377056	10.449	ppbv	99
62) Isopropylbenzene	14.015	105	3497207	9.456	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.027	83	767925	8.403	ppbv	98
64) n-propylbenzene	14.902	120	873825	9.655	ppbv	99
65) tert-Butylbenzene	16.076	119	3093468	9.706	ppbv	99
66) Benzyl Chloride	16.313	91	210277	10.152	ppbv	99
67) sec-Butylbenzene	16.619	105	4514501	9.905	ppbv	99
69) p-Isopropyltoluene	16.982	119	3688005	10.390	ppbv	100
70) n-Butylbenzene	17.873	91	4155480	10.626	ppbv	100
71) 2-Chlorotoluene	14.783	91	2690163	9.557	ppbv	100
72) 4-Ethyltoluene	15.178	105	2864135	10.087	ppbv	98
73) 1,3,5-Trimethylbenzene	15.336	105	2585319	10.052	ppbv	98
74) 1,2,4-Trimethylbenzene	16.095	105	2882253	9.827	ppbv	98
75) 1,3-Dichlorobenzene	16.317	146	1584906	9.977	ppbv	100
76) 1,4-Dichlorobenzene	16.455	146	1550564	10.234	ppbv	100
77) 1,2-Dichlorobenzene	17.127	146	1564951	10.249	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1037956	9.269	ppbv	99
79) Naphthalene	21.368	128	2037309	11.741	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	313498	7.134	ppbv	95
81) 1,2,4-Trichlorobenzene	21.124	180	1077268	10.080	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.023 min
Lab File: VL040309.D
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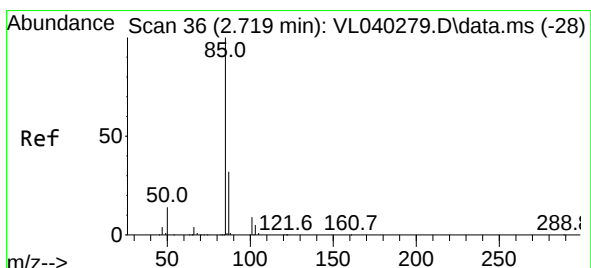
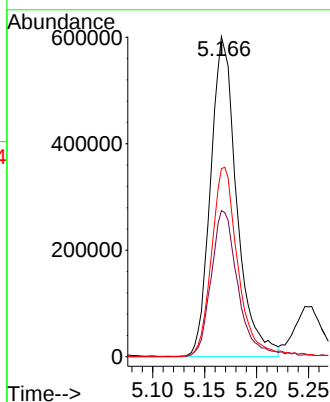
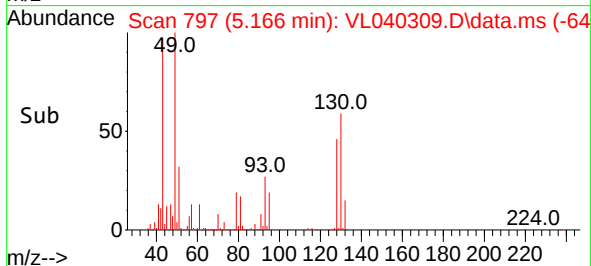
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



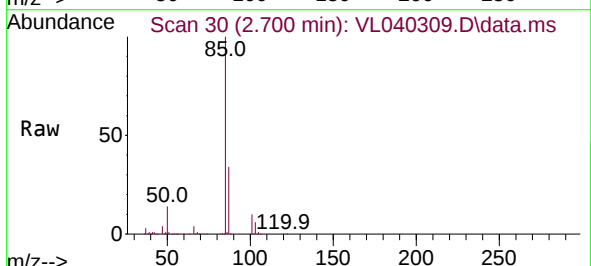
Tgt Ion: 49 Resp: 1049524
Ion Ratio Lower Upper
49 100
128 47.8 22.4 67.3
130 61.2 28.7 86.1

Manual Integrations
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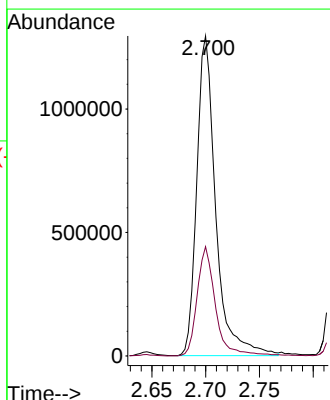
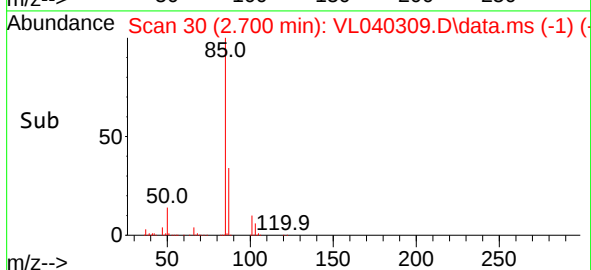
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

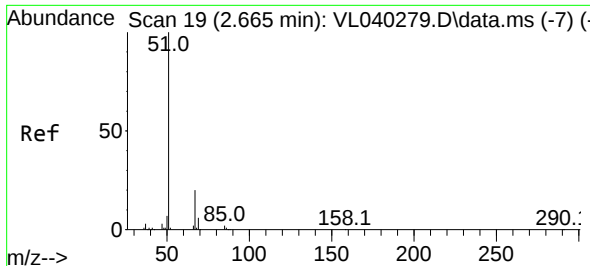


#2
Dichlorodifluoromethane
Concen: 7.698 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



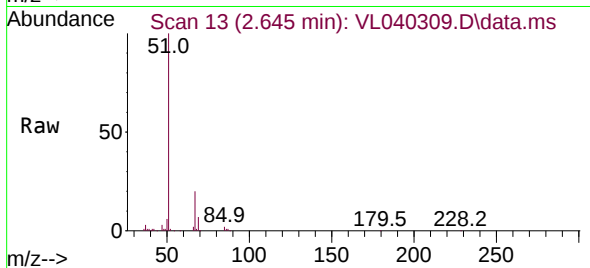
Tgt Ion: 85 Resp: 1585248
Ion Ratio Lower Upper
85 100
87 34.1 25.5 38.3





#3
Chlorodifluoromethane
Concen: 8.825 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

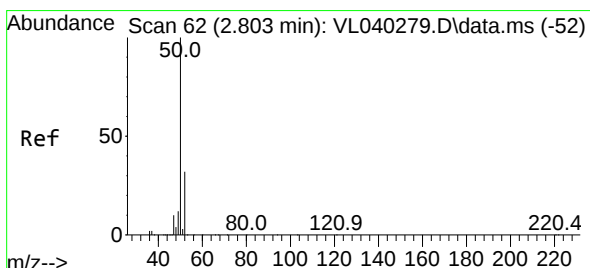
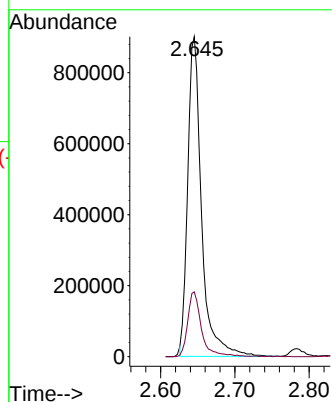
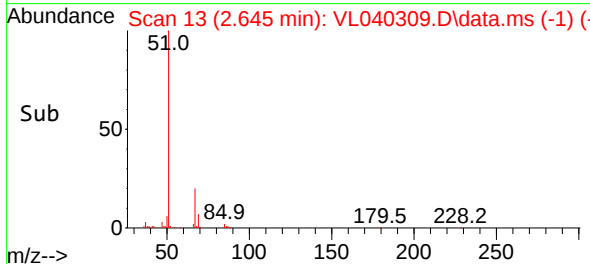
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



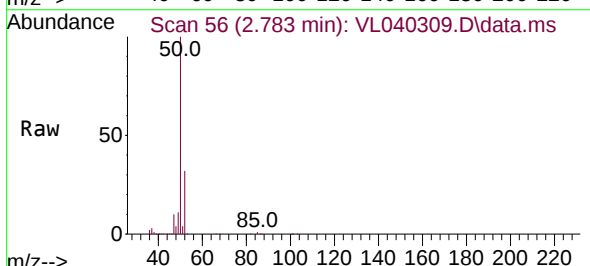
Tgt Ion: 51 Resp: 1164708
Ion Ratio Lower Upper
51 100
67 20.4 16.0 24.0

Manual Integrations
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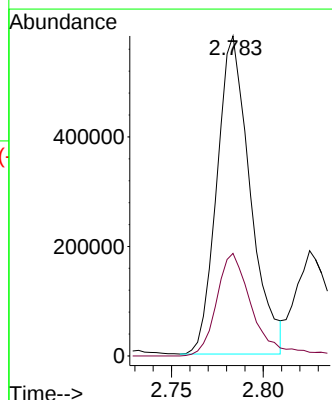
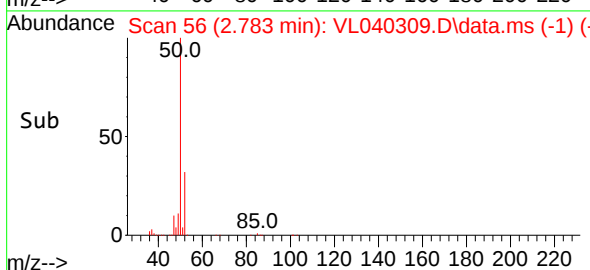
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

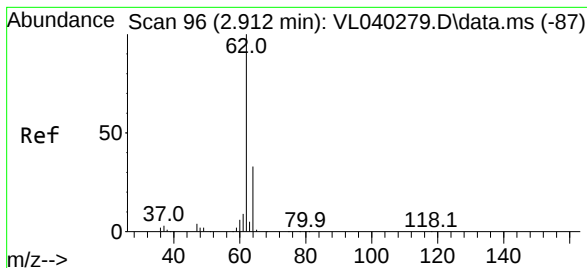


#4
Chloromethane
Concen: 9.000 ppbv
RT: 2.783 min Scan# 56
Delta R.T. -0.020 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



Tgt Ion: 50 Resp: 733443
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9





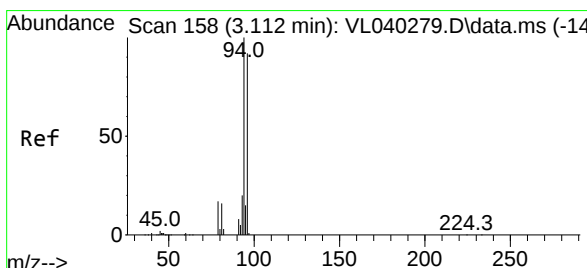
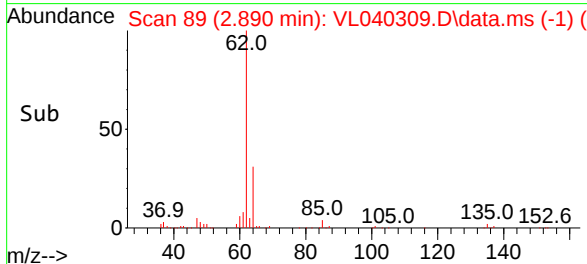
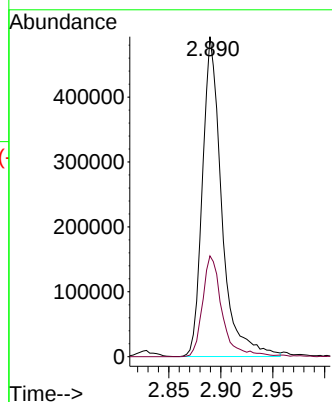
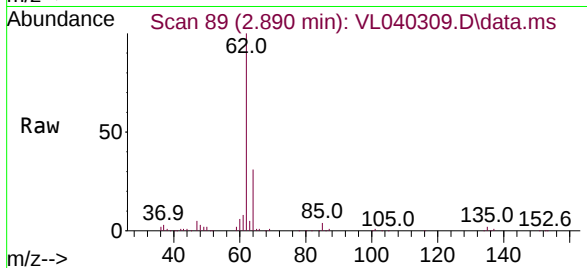
#5
 Vinyl Chloride
 Concen: 9.629 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. -0.022 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 63538
 Ion Ratio Lower Upper
 62 100
 64 31.5 26.4 39.6

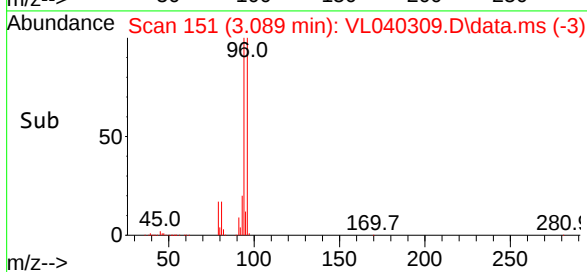
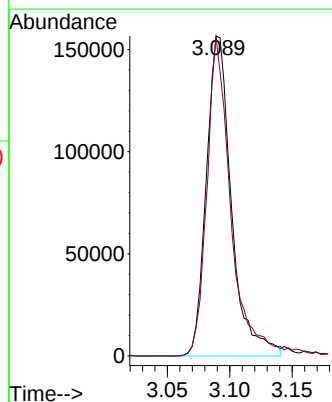
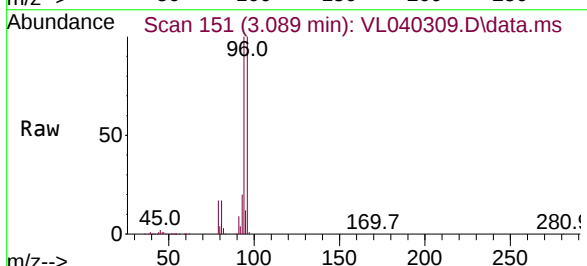
Manual Integrations
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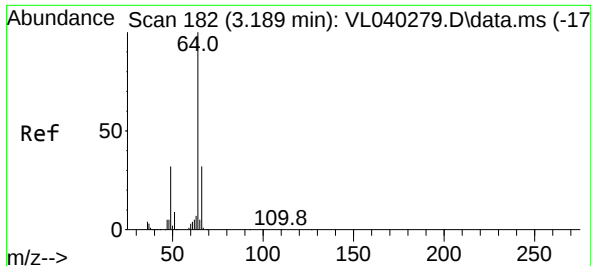
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#6
 Bromomethane
 Concen: 9.574 ppbv
 RT: 3.089 min Scan# 151
 Delta R.T. -0.023 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

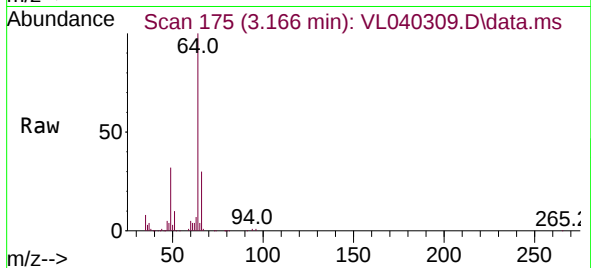
Tgt Ion: 94 Resp: 219077
 Ion Ratio Lower Upper
 94 100
 96 99.6 73.7 110.5





#7
Chloroethane
Concen: 9.324 ppbv
RT: 3.166 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

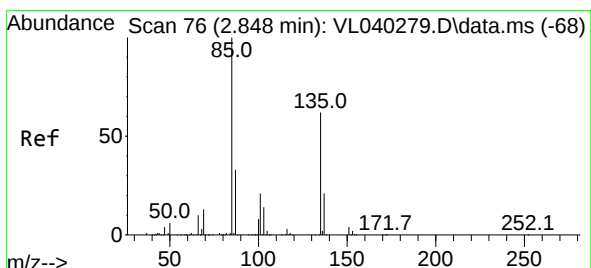
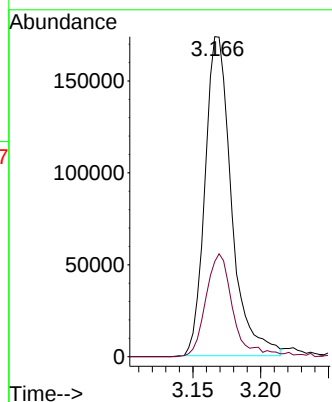
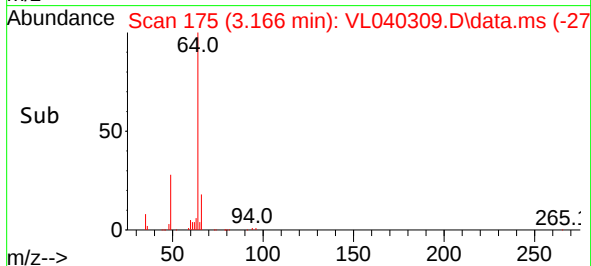
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 236193
Ion Ratio Lower Upper
64 100
66 29.7 25.5 38.3

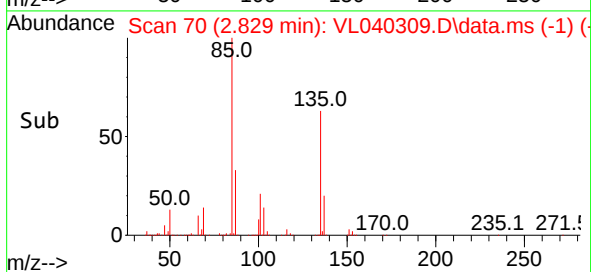
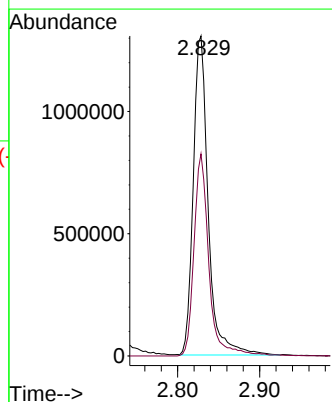
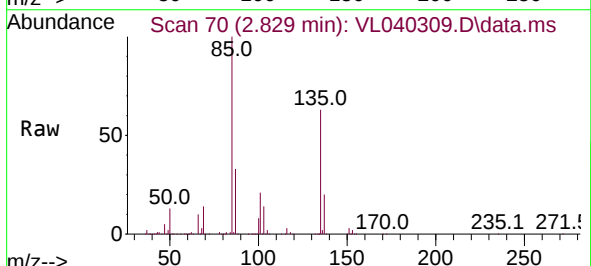
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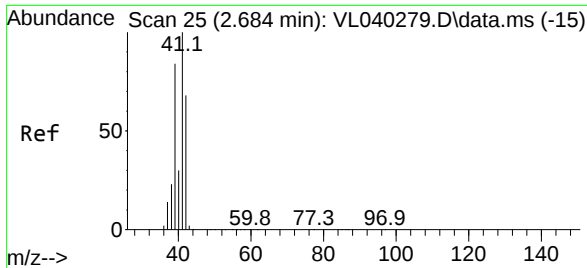
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#8
Dichlorotetrafluoroethane
Concen: 9.367 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

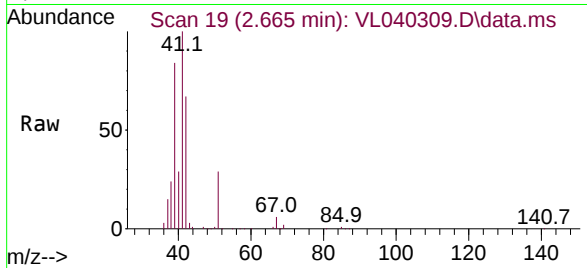
Tgt Ion: 85 Resp: 1651124
Ion Ratio Lower Upper
85 100
135 63.4 52.0 78.0





#9
 Propene
 Concen: 9.150 ppbv
 RT: 2.665 min Scan# 1540
 Delta R.T. -0.019 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

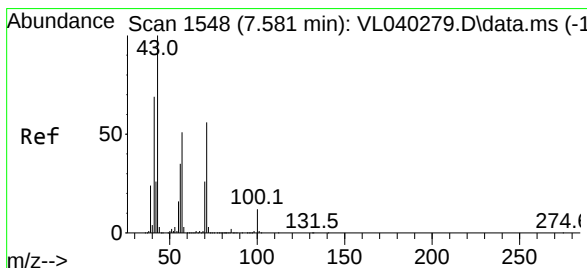
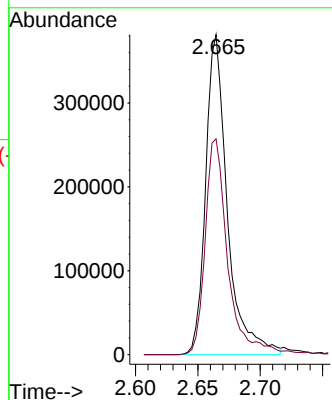
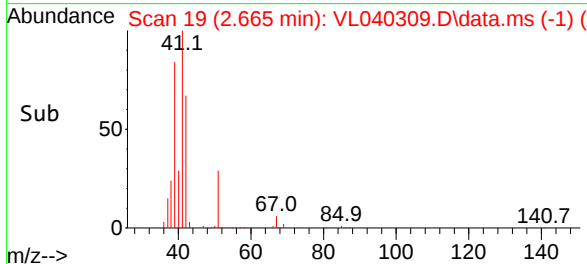
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



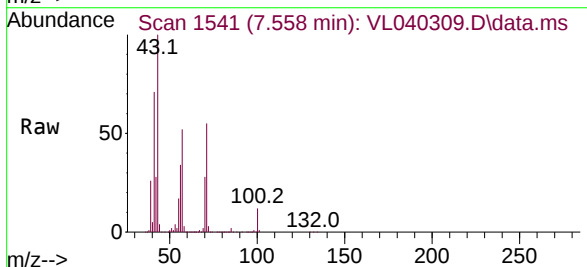
Tgt Ion: 41 Resp: 462600
 Ion Ratio Lower Upper
 41 100
 42 70.9 59.0 88.4

Manual Integrations
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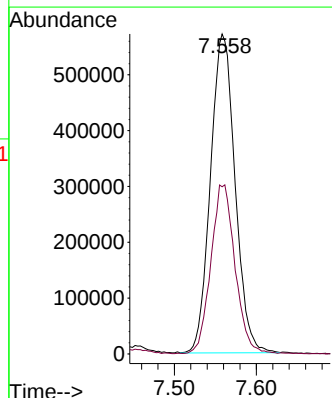
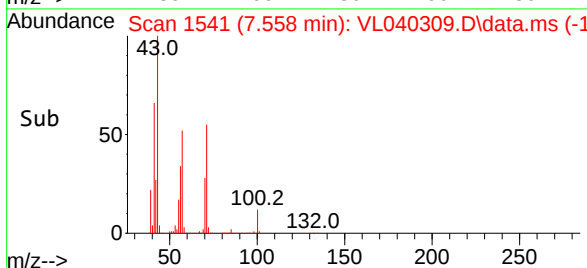
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

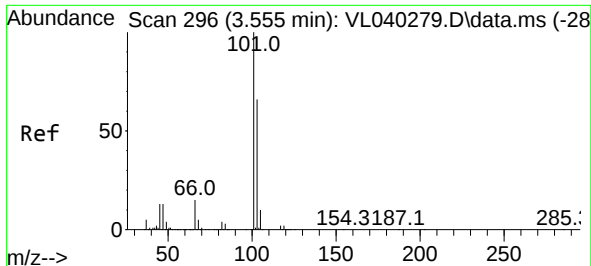


#10
 Heptane
 Concen: 9.790 ppbv
 RT: 7.558 min Scan# 1541
 Delta R.T. -0.023 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37



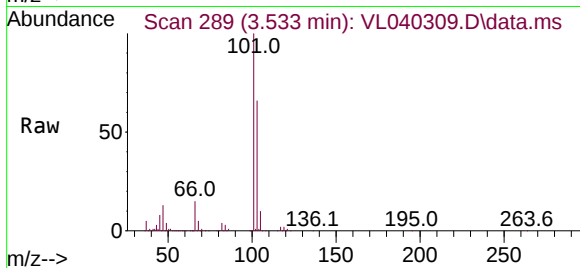
Tgt Ion: 43 Resp: 1190532
 Ion Ratio Lower Upper
 43 100
 57 52.5 41.7 62.5





#11
Trichlorofluoromethane
Concen: 9.294 ppbv
RT: 3.533 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

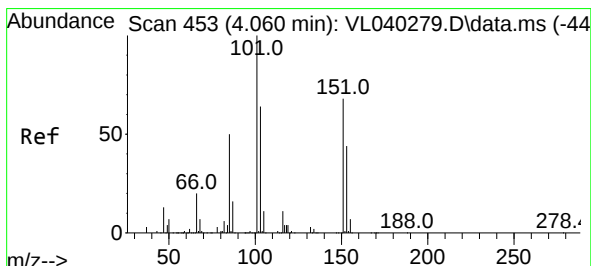
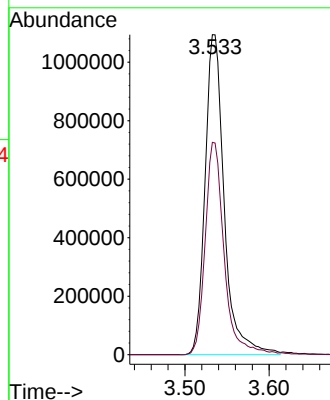
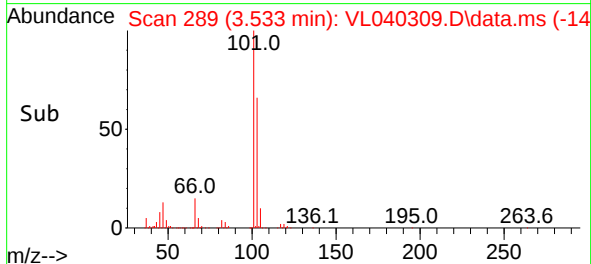
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



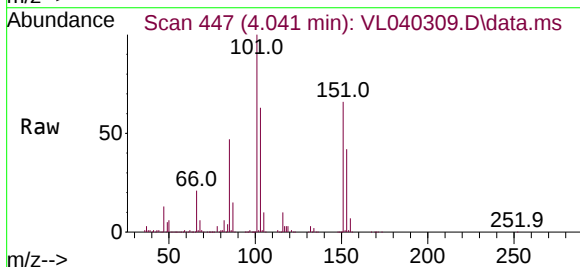
Tgt Ion:101 Resp: 1733940
Ion Ratio Lower Upper
101 100
103 66.3 53.1 79.7

Manual Integrations
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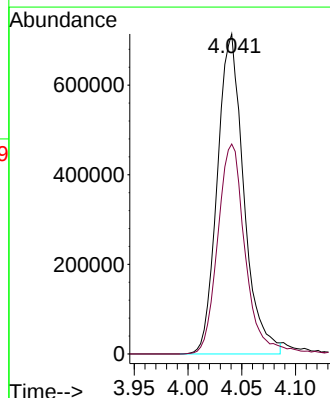
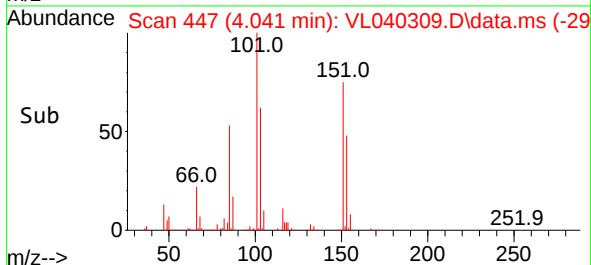
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

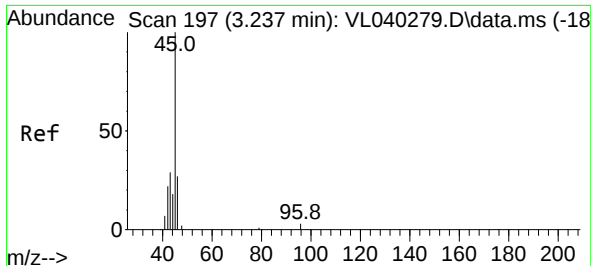


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.738 ppbv
RT: 4.041 min Scan# 447
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



Tgt Ion:101 Resp: 1224281
Ion Ratio Lower Upper
101 100
151 68.9 53.2 79.8





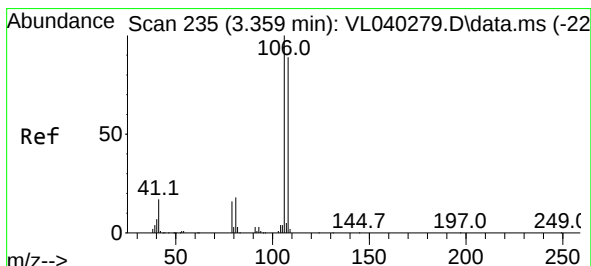
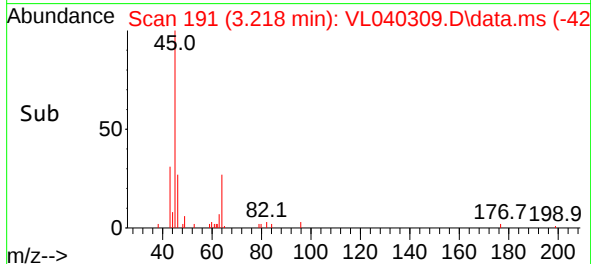
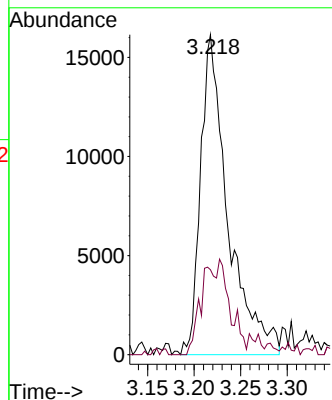
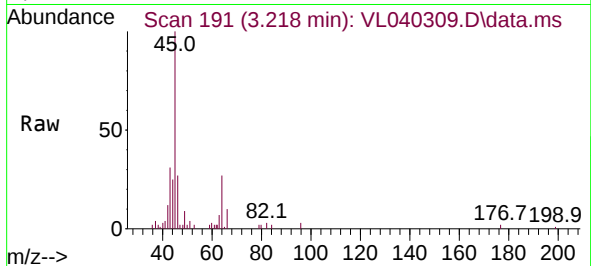
#13
Ethanol
Concen: 8.926 ppbv m
RT: 3.218 min Scan# 197
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 3309
Ion Ratio Lower Upper
45 100
46 35.0 15.0 60.2

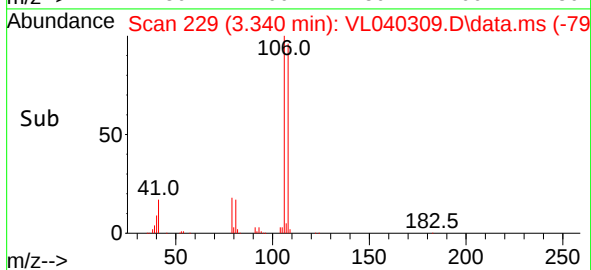
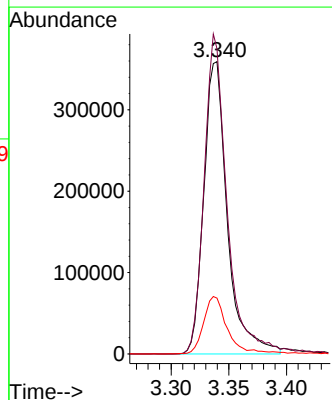
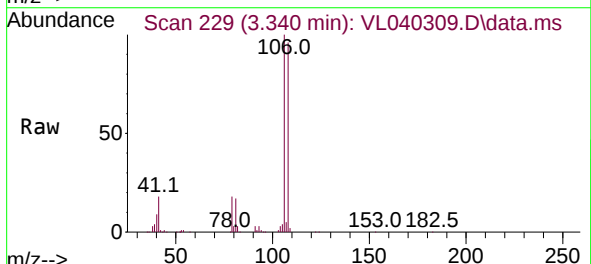
Manual Integrations
APPROVED

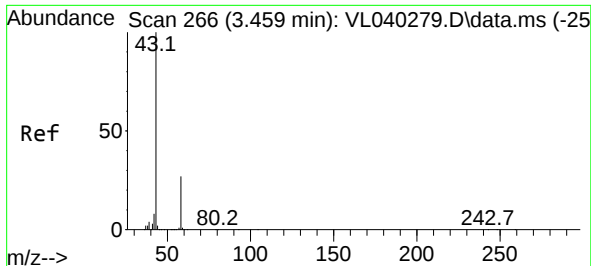
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#14
Bromoethene
Concen: 9.773 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion:108 Resp: 510812
Ion Ratio Lower Upper
108 100
106 107.5 85.8 128.8
79 20.3 15.8 23.6





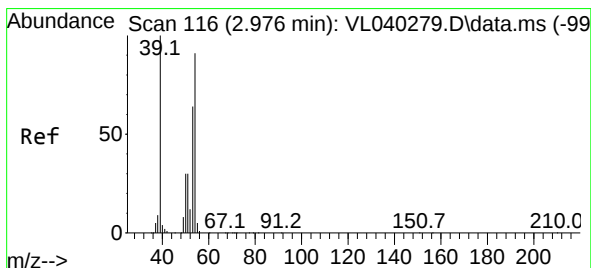
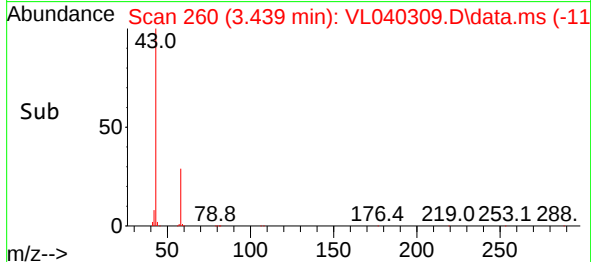
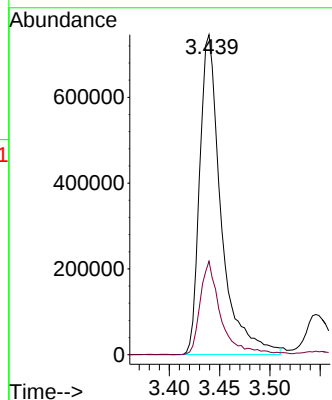
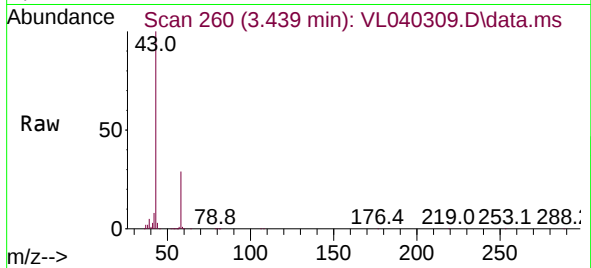
#15
Acetone
Concen: 8.631 ppbv
RT: 3.439 min Scan# 210
Delta R.T. -0.020 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1102770
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.8

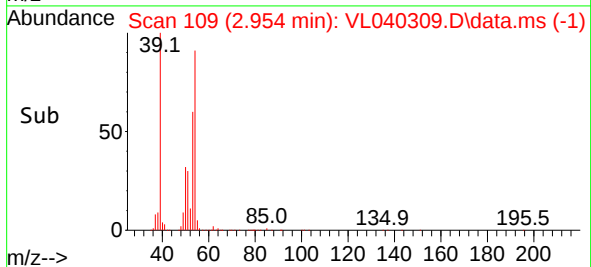
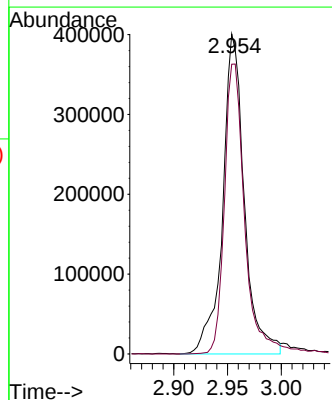
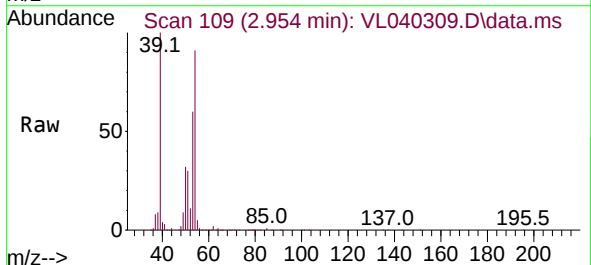
Manual Integrations
APPROVED

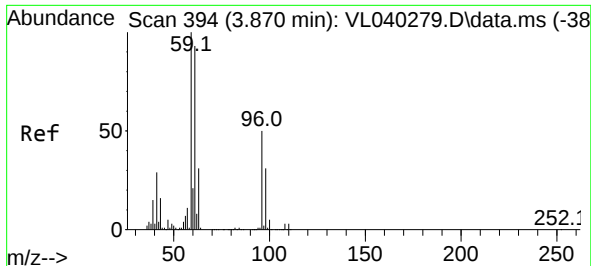
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#16
1,3-Butadiene
Concen: 9.670 ppbv
RT: 2.954 min Scan# 109
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 39 Resp: 561604
Ion Ratio Lower Upper
39 100
54 86.5 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.249 ppbv

RT: 3.848 min Scan# 3

Delta R.T. -0.022 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 124461

Ion Ratio Lower Upper

59 100

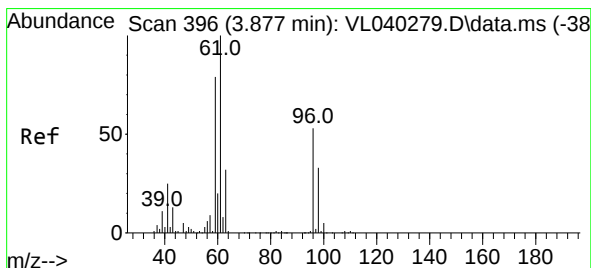
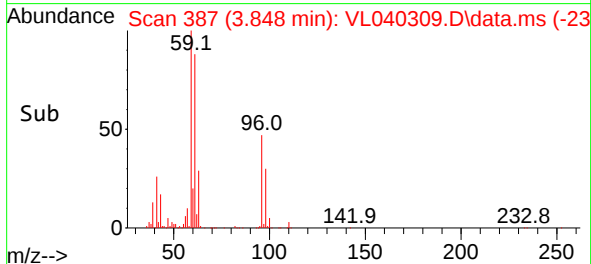
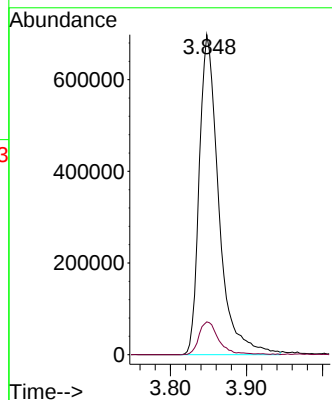
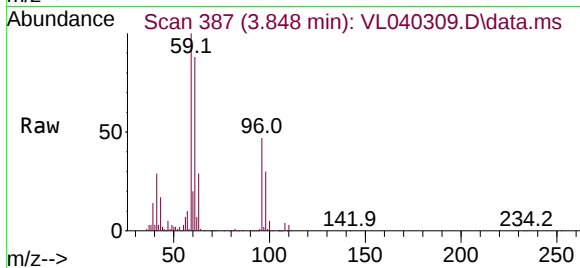
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#18

1,1-Dichloroethene

Concen: 9.202 ppbv

RT: 3.851 min Scan# 388

Delta R.T. -0.026 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

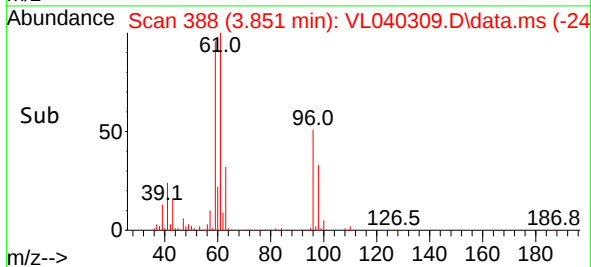
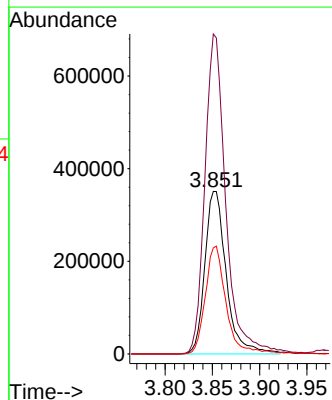
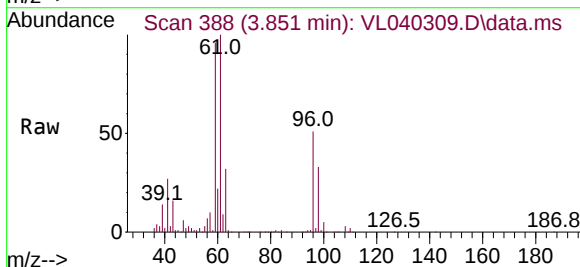
Tgt Ion: 96 Resp: 553116

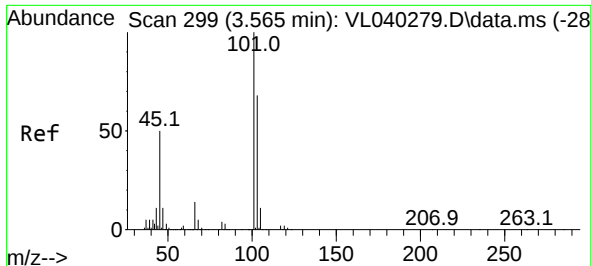
Ion Ratio Lower Upper

96 100

61 196.9 150.6 226.0

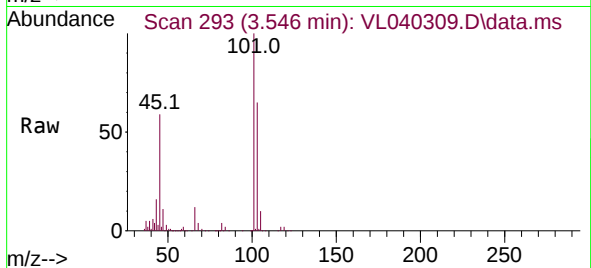
98 65.2 50.3 75.5





#19
Isopropyl Alcohol
Concen: 9.346 ppbv
RT: 3.546 min Scan# 299
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

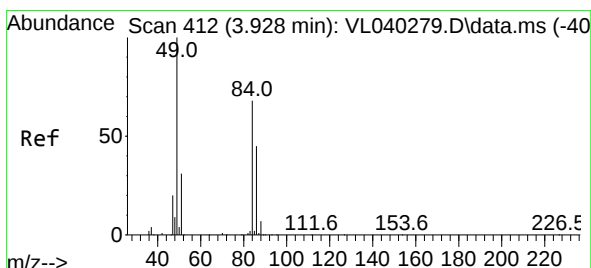
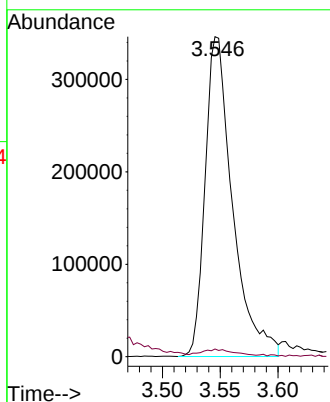
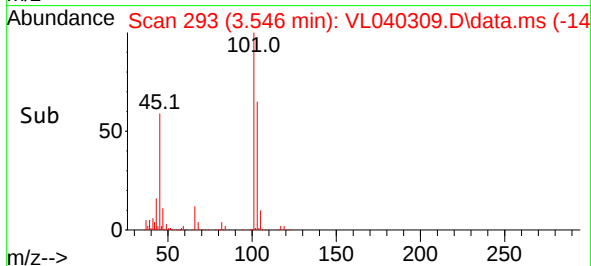
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



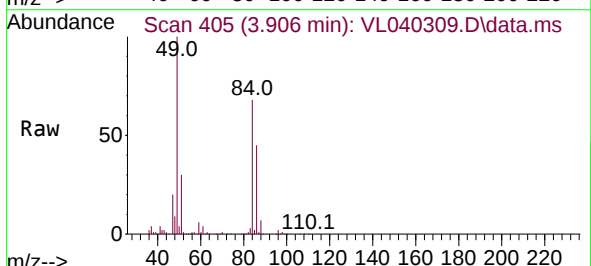
Tgt Ion: 45 Resp: 572030
Ion Ratio Lower Upper
45 100
58 2.7 2.7 4.1

Manual Integrations
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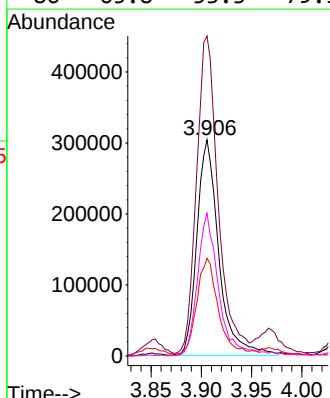
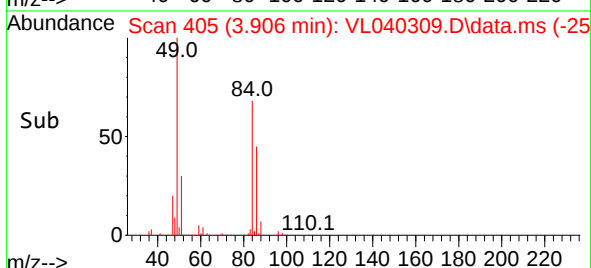
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

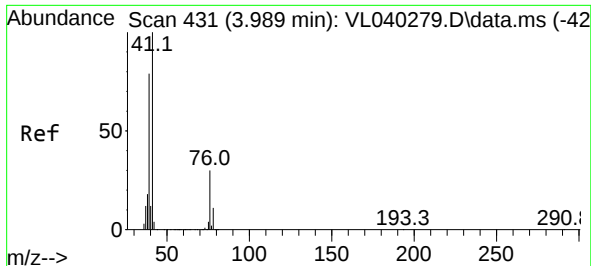


#20
Methylene Chloride
Concen: 8.570 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



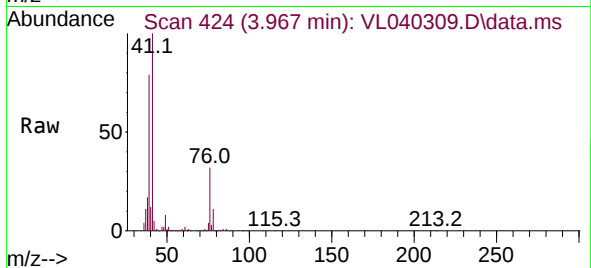
Tgt Ion: 84 Resp: 460638
Ion Ratio Lower Upper
84 100
49 146.7 117.5 176.3
51 44.2 36.9 55.3
86 65.8 53.3 79.9





#21
 Allyl Chloride
 Concen: 9.511 ppbv
 RT: 3.967 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

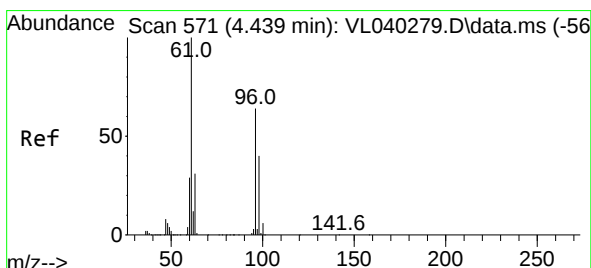
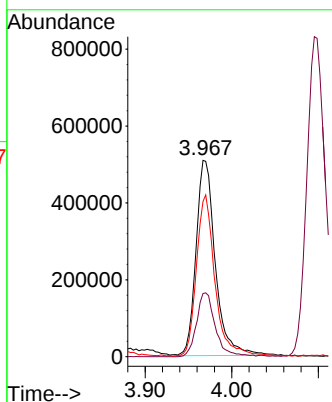
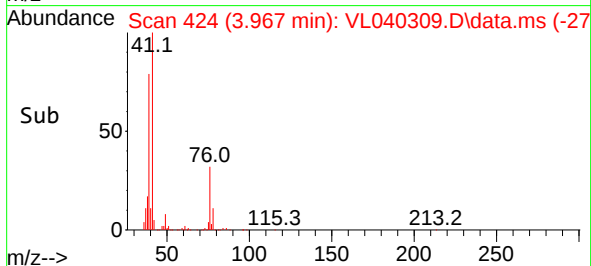
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 78716
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.4 38.0
 39 79.3 65.4 98.2

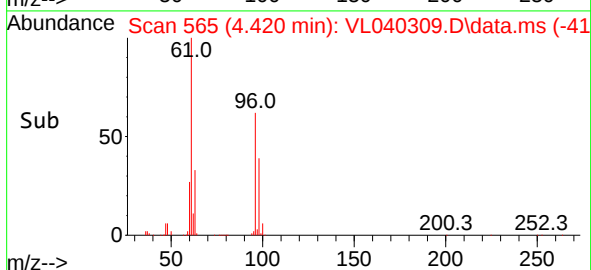
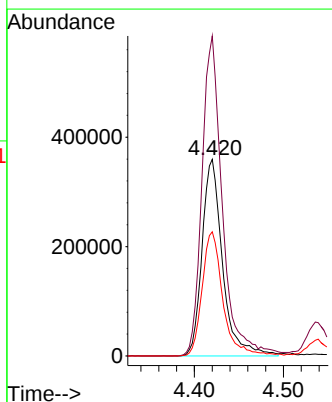
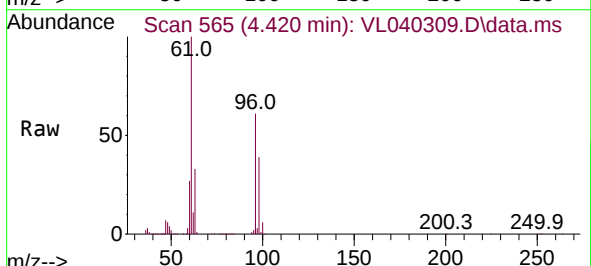
Manual Integrations
 APPROVED

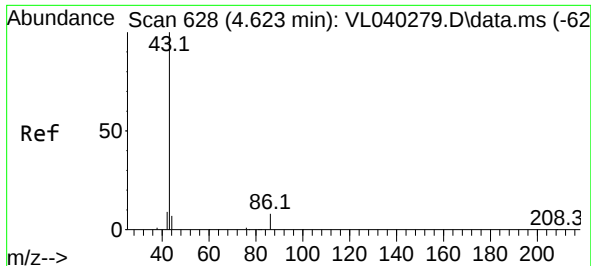
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.418 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. -0.019 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

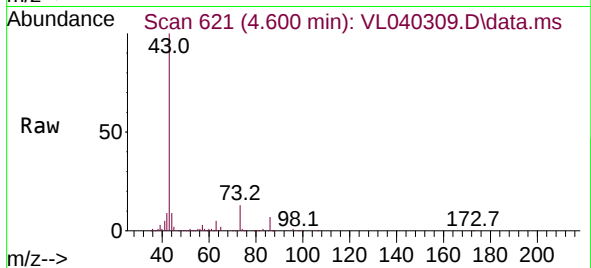
Tgt Ion: 96 Resp: 576171
 Ion Ratio Lower Upper
 96 100
 61 162.7 125.4 188.2
 98 63.1 49.8 74.6





#23
 Vinyl Acetate
 Concen: 9.903 ppbv
 RT: 4.600 min Scan# 601
 Delta R.T. -0.023 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

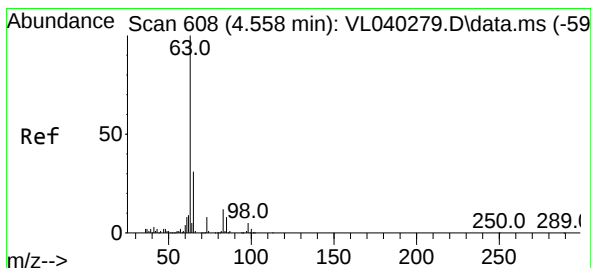
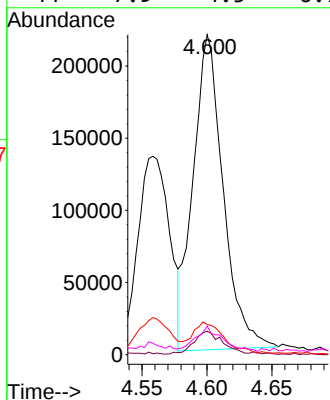
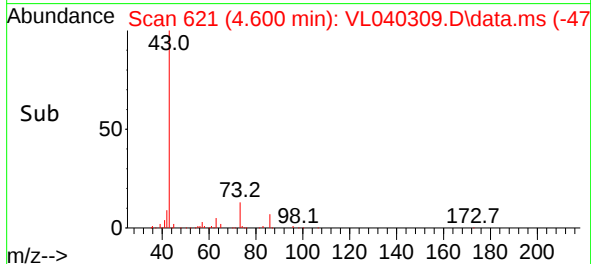
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



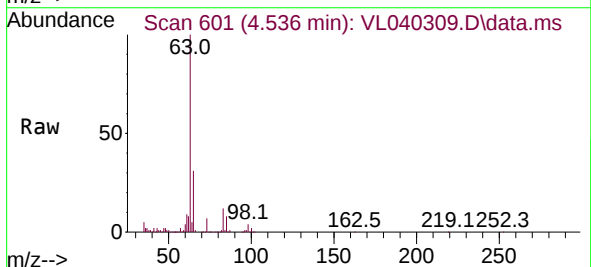
Tgt Ion: 43 Resp: 35201
 Ion Ratio Lower Upper
 43 100
 86 7.7 5.0 7.4
 42 9.0 9.1 13.7
 44 7.9 4.5 6.7

Manual Integrations
 APPROVED

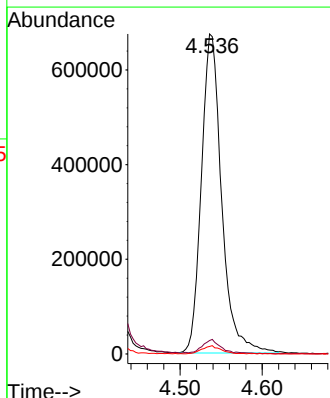
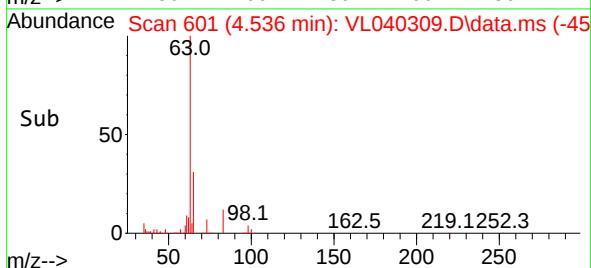
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

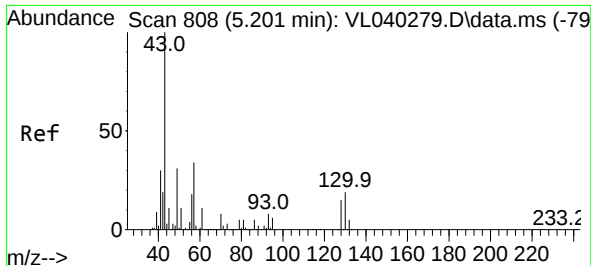


#24
 1,1-Dichloroethane
 Concen: 9.128 ppbv
 RT: 4.536 min Scan# 601
 Delta R.T. -0.022 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37



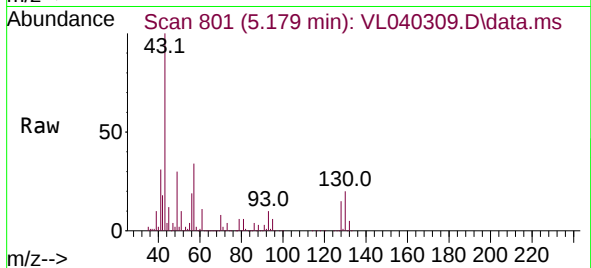
Tgt Ion: 63 Resp: 1157395
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.4 7.2
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 9.294 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

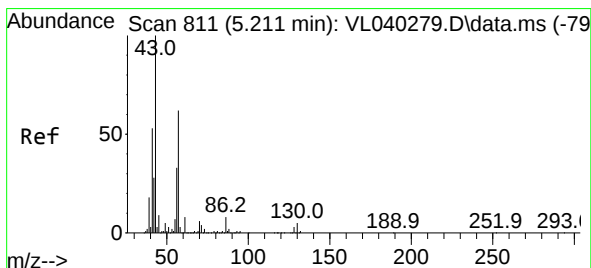
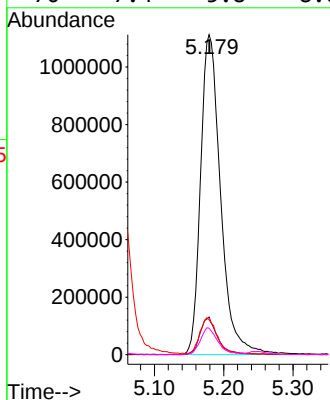
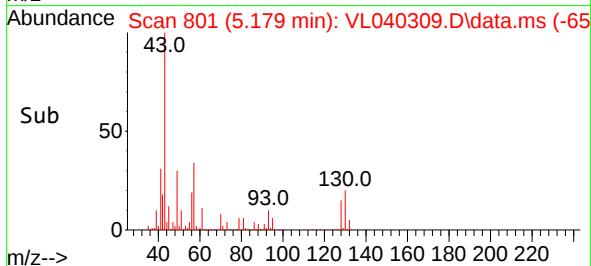
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



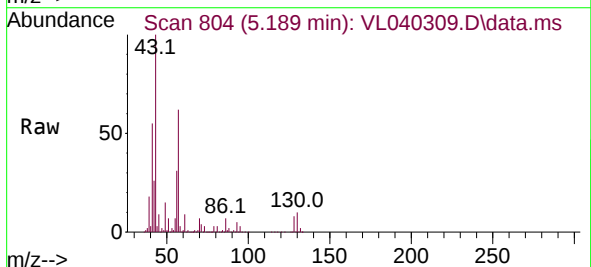
Tgt Ion: 43 Resp: 222317
Ion Ratio Lower Upper
43 100
45 10.5 8.6 12.8
61 10.2 8.4 12.6
70 7.4 5.8 8.6

Manual Integrations
APPROVED

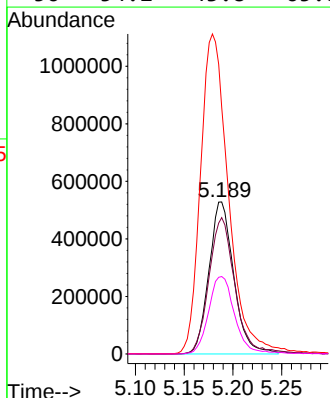
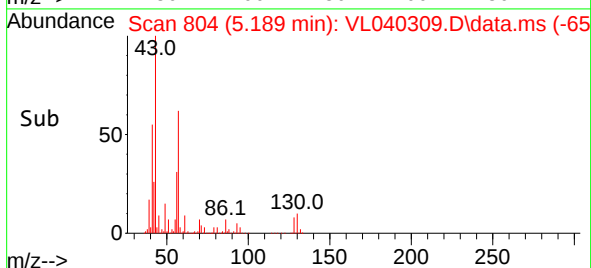
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

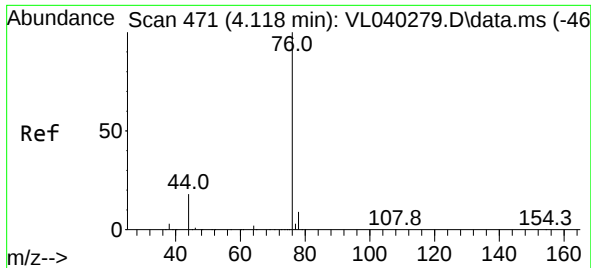


#26
Hexane
Concen: 9.513 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



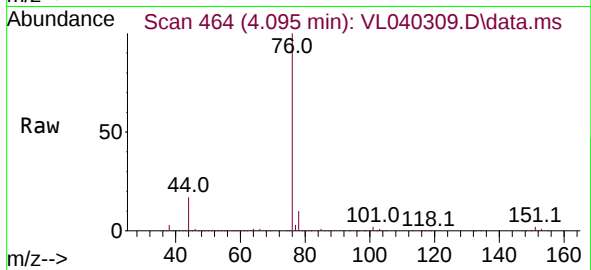
Tgt Ion: 57 Resp: 934136
Ion Ratio Lower Upper
57 100
41 94.3 73.5 110.3
43 239.9 196.3 294.5
56 54.2 43.8 65.8





#27
Carbon Disulfide
Concen: 9.900 ppbv
RT: 4.095 min Scan# 40
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

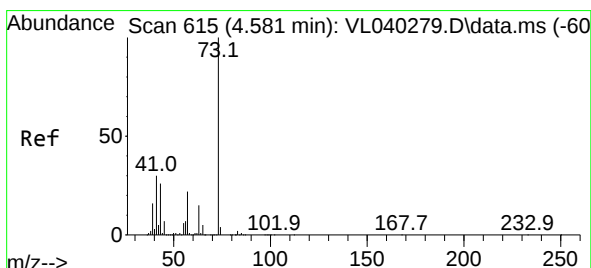
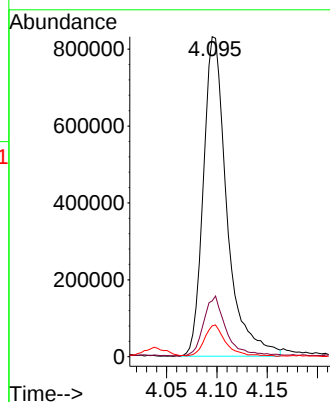
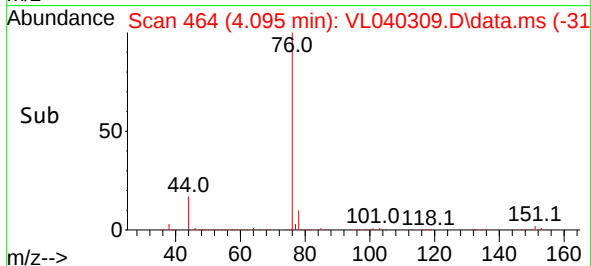
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 135773
Ion Ratio Lower Upper
76 100
44 17.7 15.2 22.8
78 9.4 7.6 11.4

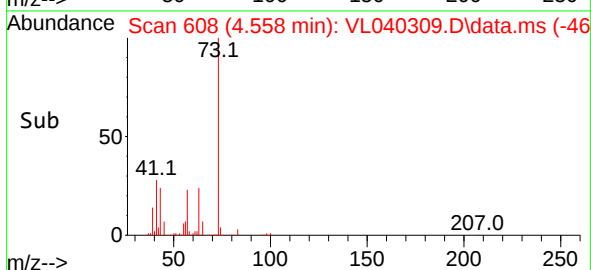
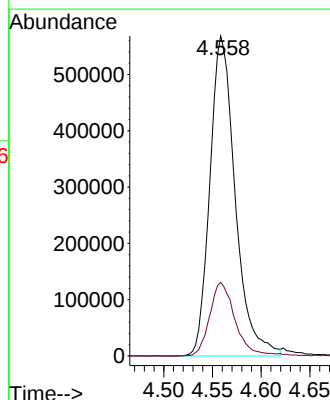
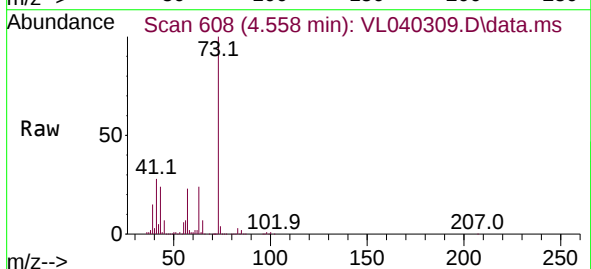
Manual Integrations
APPROVED

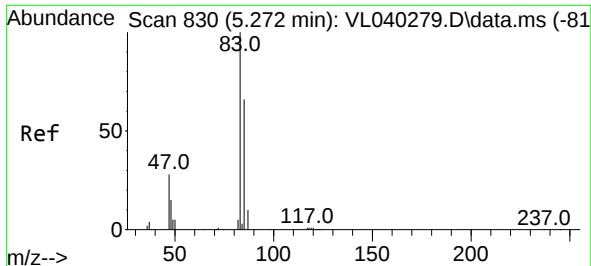
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#28
Methyl tert-Butyl Ether
Concen: 9.104 ppbv
RT: 4.558 min Scan# 608
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 73 Resp: 1026457
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6





#29

Chloroform

Concen: 9.462 ppbv

RT: 5.250 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040309.D

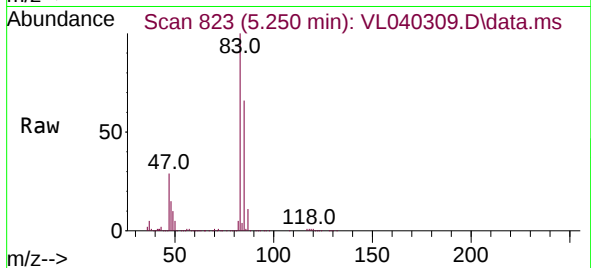
Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 83 Resp: 164065

Ion Ratio Lower Upper

83 100

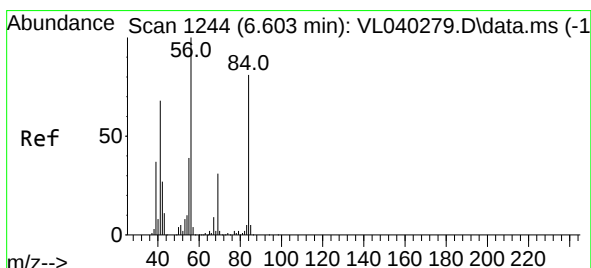
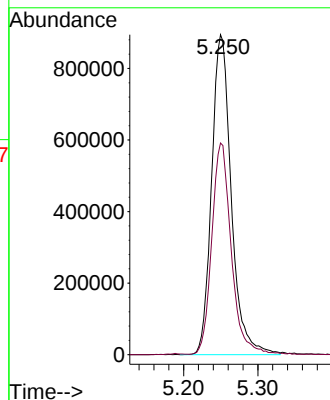
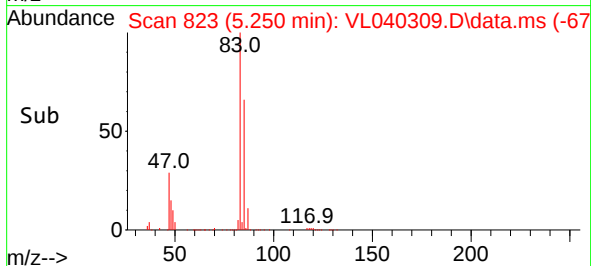
85 65.9 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#30

Cyclohexane

Concen: 10.186 ppbv

RT: 6.578 min Scan# 1236

Delta R.T. -0.025 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

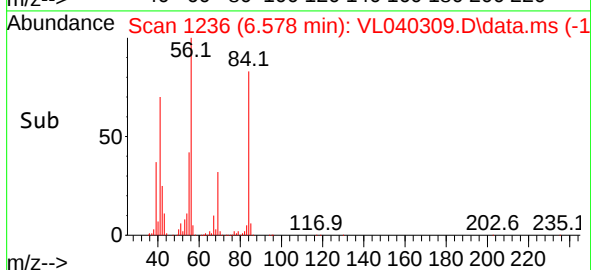
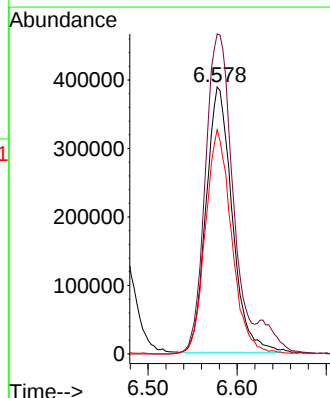
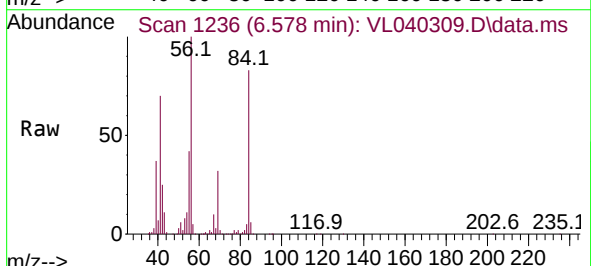
Tgt Ion: 84 Resp: 788179

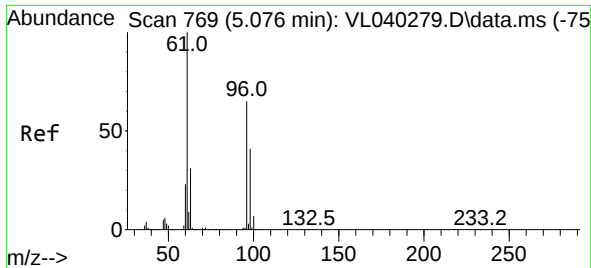
Ion Ratio Lower Upper

84 100

56 135.3 109.0 163.4

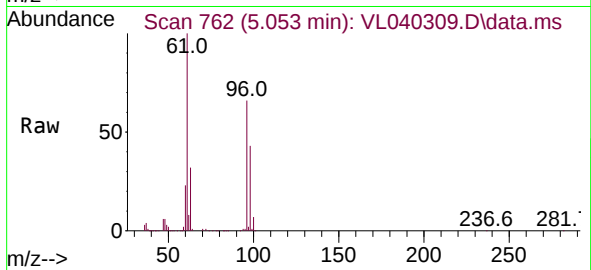
41 85.3 67.9 101.9





#31
cis-1,2-Dichloroethene
Concen: 10.118 ppbv
RT: 5.053 min Scan# 70
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

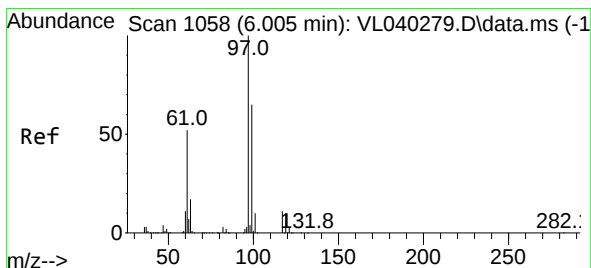
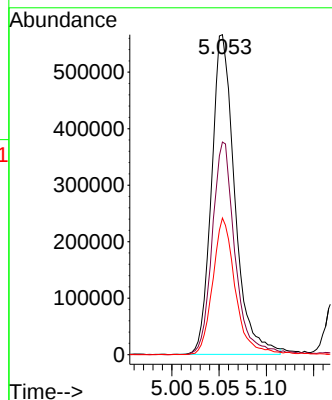
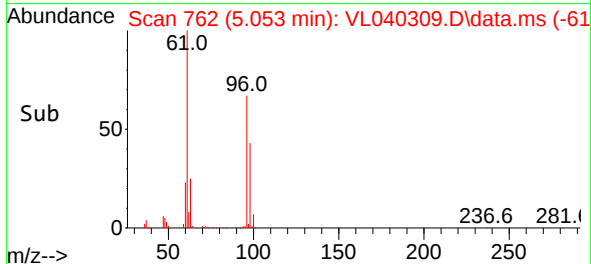
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



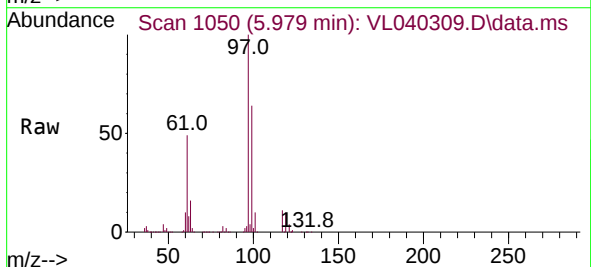
Tgt Ion: 61 Resp: 967578
Ion Ratio Lower Upper
61 100
96 66.5 51.8 77.8
98 42.7 32.5 48.7

Manual Integrations
APPROVED

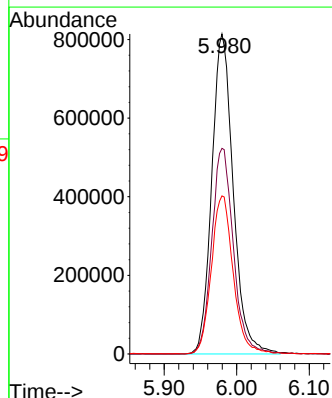
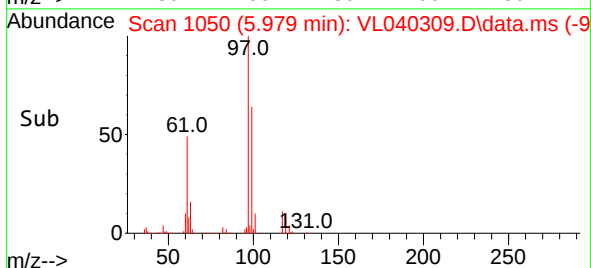
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

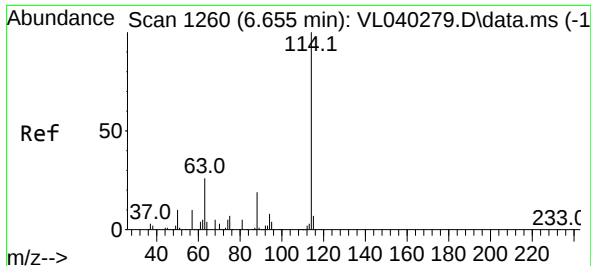


#32
1,1,1-Trichloroethane
Concen: 10.088 ppbv
RT: 5.979 min Scan# 1050
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



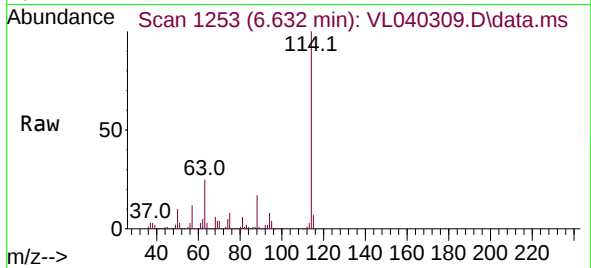
Tgt Ion: 97 Resp: 1675806
Ion Ratio Lower Upper
97 100
99 64.9 52.2 78.2
61 50.1 41.4 62.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

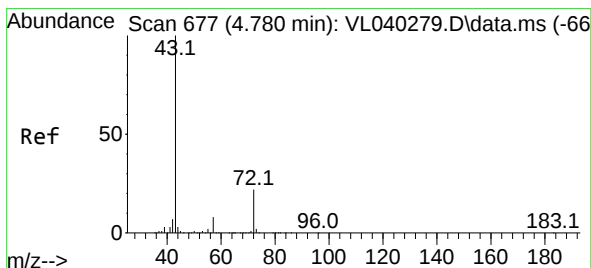
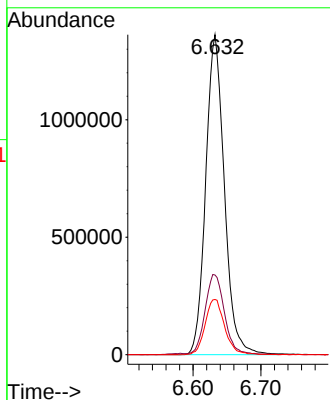
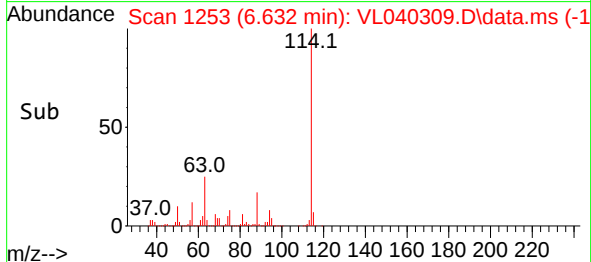
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



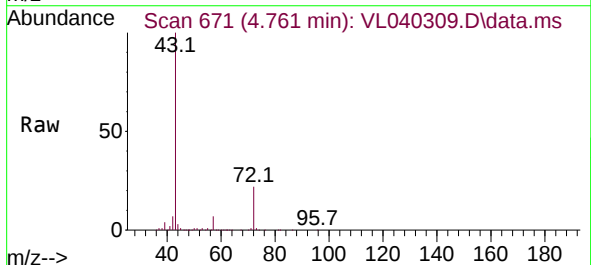
Tgt Ion:114 Resp: 260037
Ion Ratio Lower Upper
114 100
63 26.7 21.2 31.8
88 18.1 14.5 21.7

Manual Integrations
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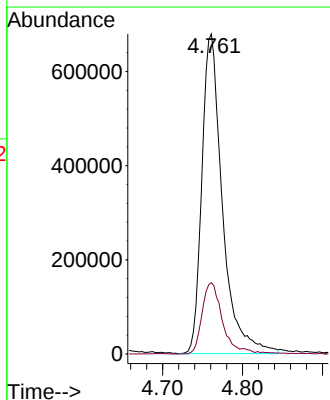
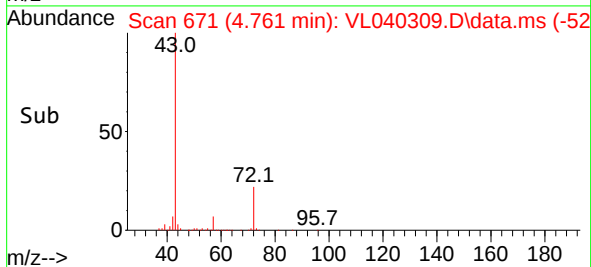
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

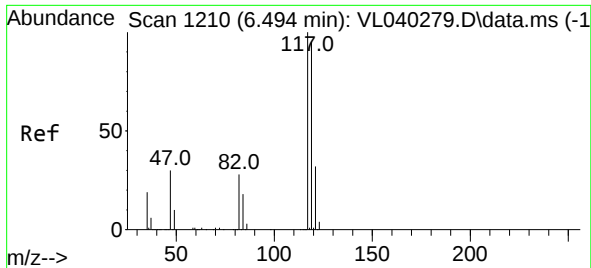


#34
2-Butanone
Concen: 9.457 ppbv
RT: 4.761 min Scan# 671
Delta R.T. -0.019 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



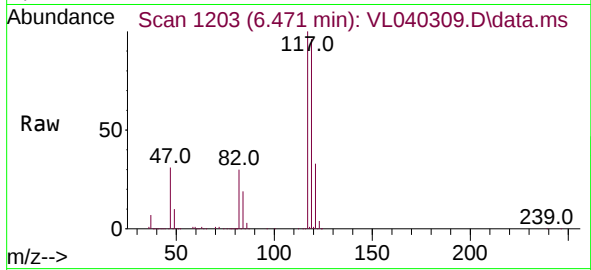
Tgt Ion: 43 Resp: 1213646
Ion Ratio Lower Upper
43 100
72 22.7 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.533 ppbv
RT: 6.471 min Scan# 1165
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

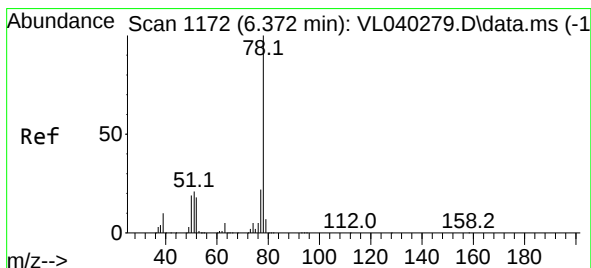
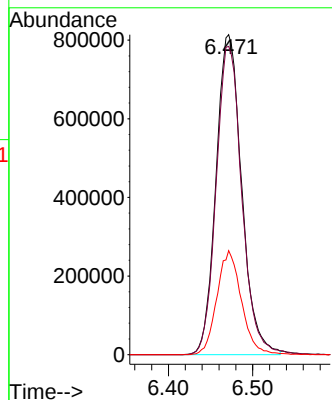
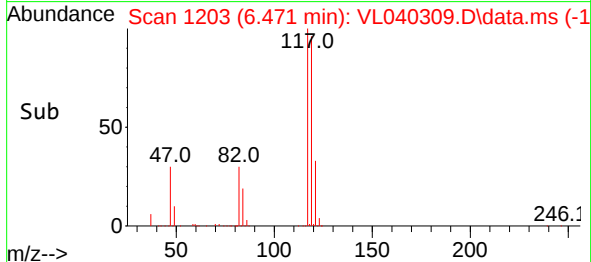
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1718818
Ion Ratio Lower Upper
117 100
119 96.3 76.4 114.6
121 32.5 25.6 38.4

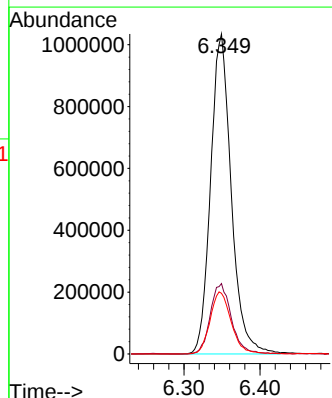
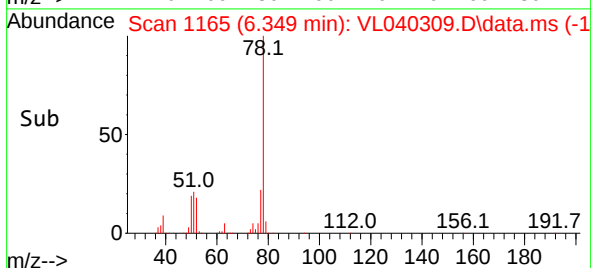
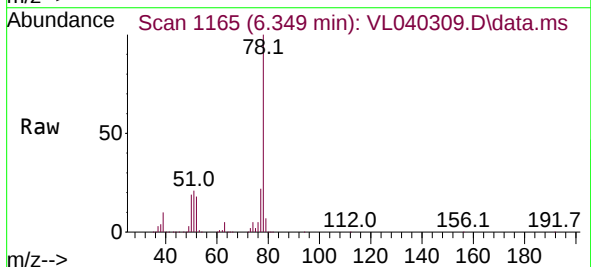
Manual Integrations
APPROVED

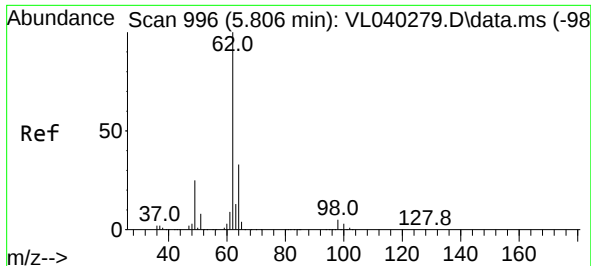
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#36
Benzene
Concen: 9.839 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

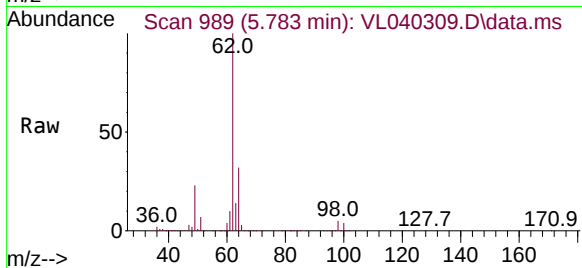
Tgt Ion: 78 Resp: 1949887
Ion Ratio Lower Upper
78 100
77 22.0 17.8 26.8
50 19.0 15.4 23.2





#37
1,2-Dichloroethane
Concen: 9.915 ppbv
RT: 5.783 min Scan# 91
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

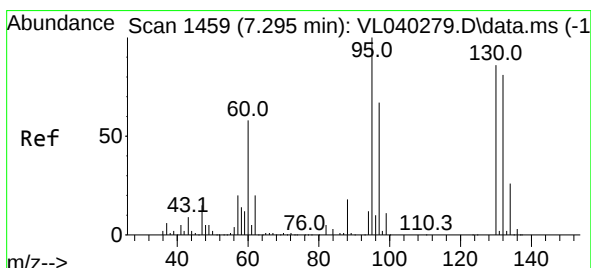
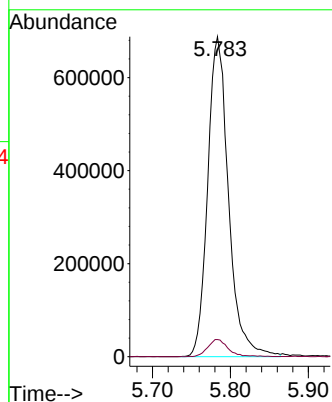
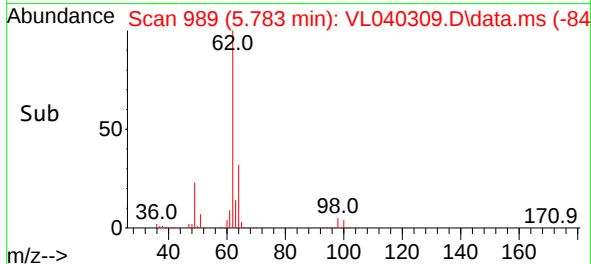
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



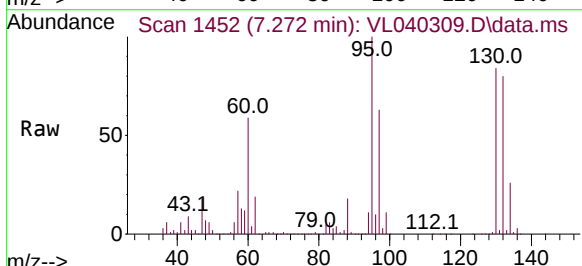
Tgt Ion: 62 Resp: 127882
Ion Ratio Lower Upper
62 100
98 5.4 4.3 6.5

Manual Integrations
APPROVED

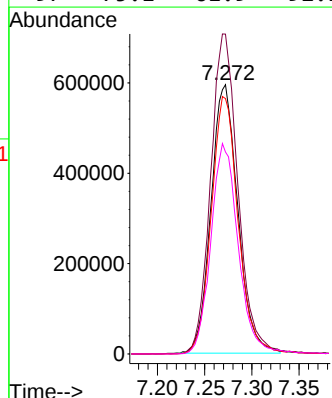
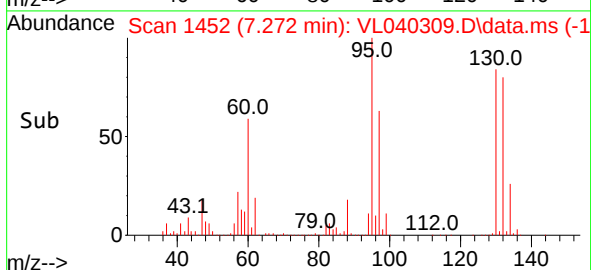
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

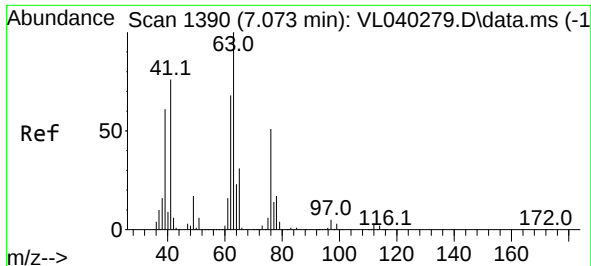


#38
Trichloroethene
Concen: 10.849 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



Tgt Ion:130 Resp: 1174916
Ion Ratio Lower Upper
130 100
95 118.9 93.0 139.4
132 94.9 75.3 112.9
97 75.1 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.711 ppbv

RT: 7.053 min Scan# 11

Delta R.T. -0.020 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 755024

Ion Ratio Lower Upper

63 100

41 76.2 60.8 91.2

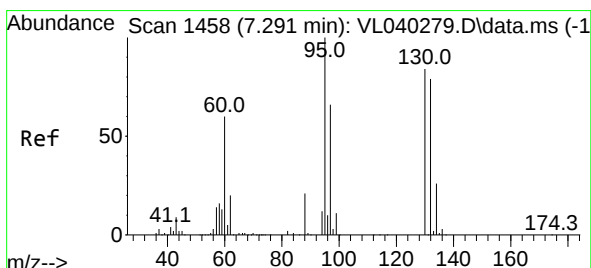
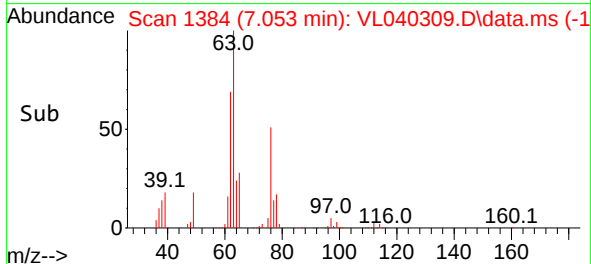
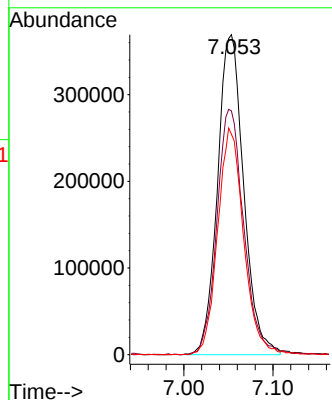
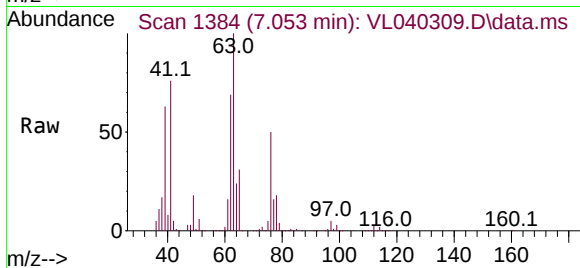
62 68.9 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#40

1,4-Dioxane

Concen: 9.664 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.025 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Tgt Ion: 88 Resp: 297240

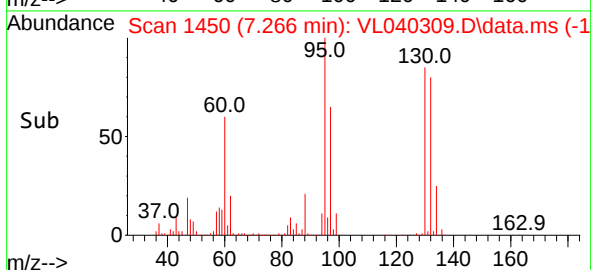
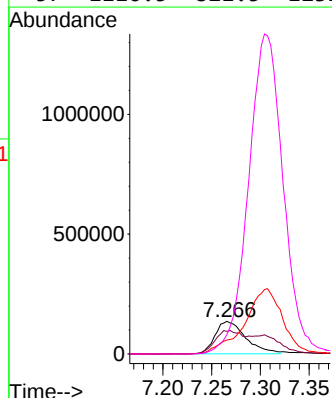
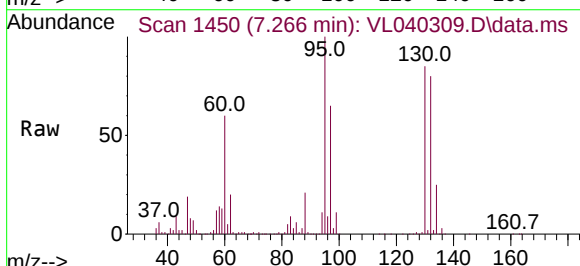
Ion Ratio Lower Upper

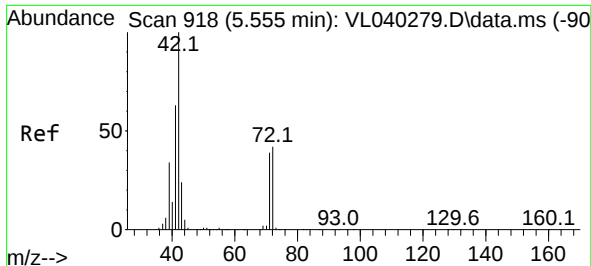
88 100

58 126.2 96.0 144.0

43 252.1 187.6 281.4

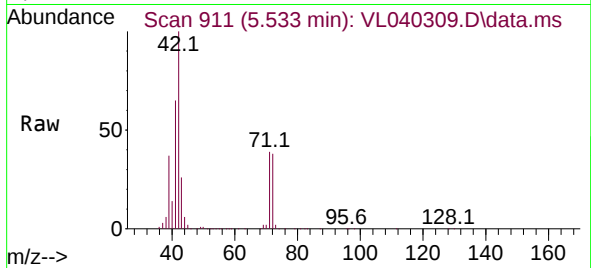
57 1116.5 821.5 1232.3





#41
Tetrahydrofuran
Concen: 9.654 ppbv
RT: 5.533 min Scan# 911
Delta R.T. -0.022 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

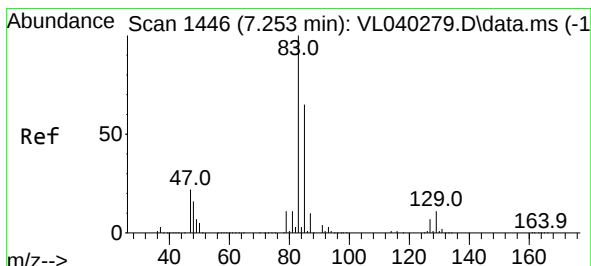
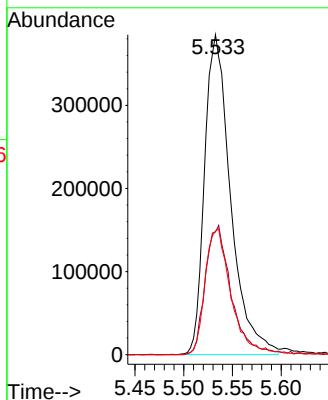
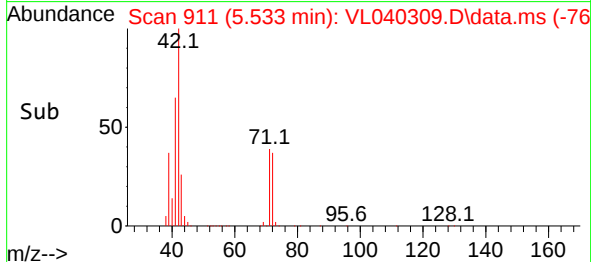
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 71502
Ion Ratio Lower Upper
42 100
72 40.7 32.6 49.0
71 39.8 31.0 46.4

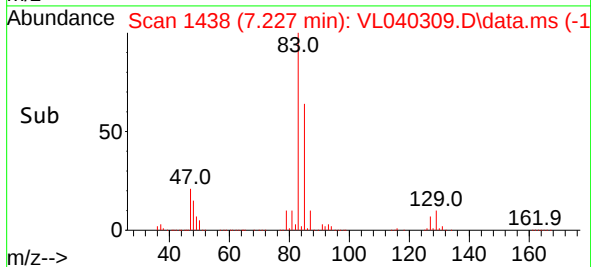
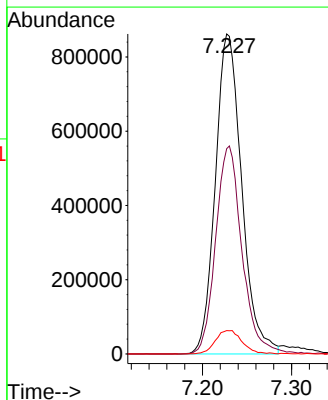
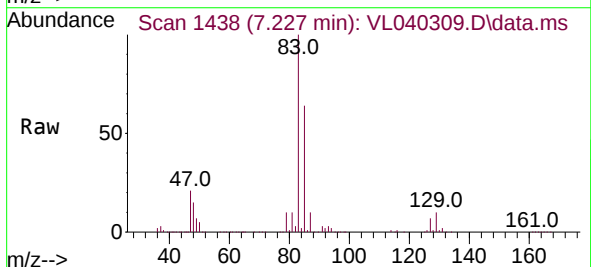
Manual Integrations
APPROVED

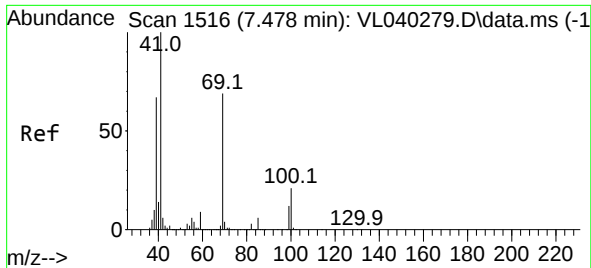
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#42
Bromodichloromethane
Concen: 10.071 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

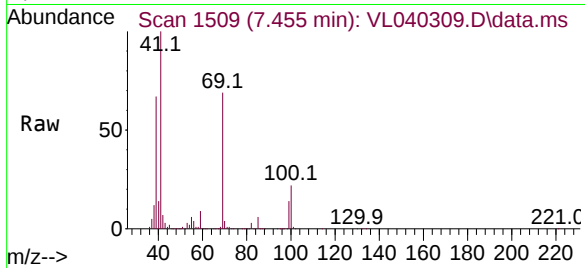
Tgt Ion: 83 Resp: 1775072
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1
127 7.3 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.539 ppbv
RT: 7.455 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

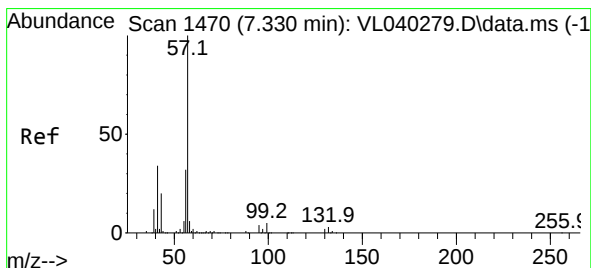
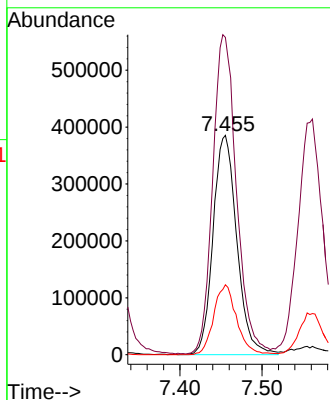
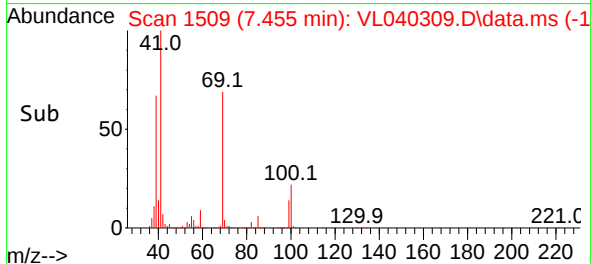
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



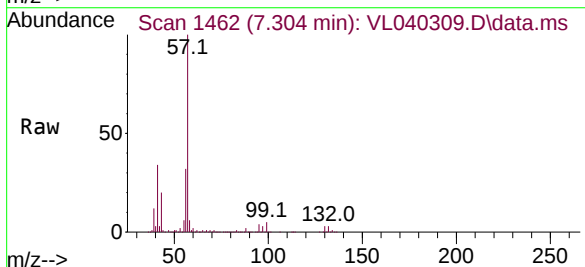
Tgt Ion: 69 Resp: 77614
Ion Ratio Lower Upper
69 100
41 146.2 116.9 175.3
100 30.9 24.2 36.4

Manual Integrations
APPROVED

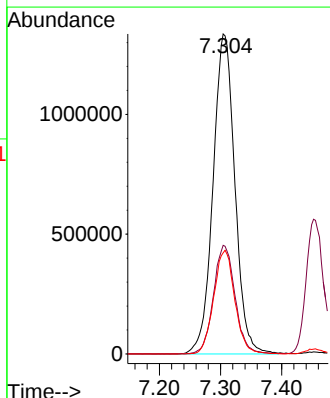
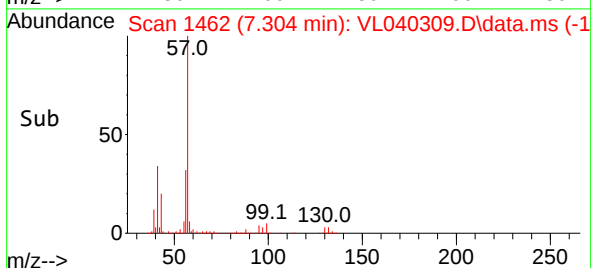
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

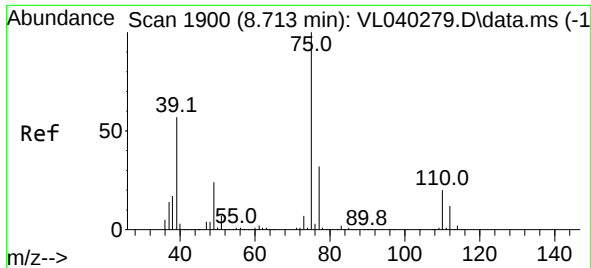


#44
2,2,4-Trimethylpentane
Concen: 10.034 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



Tgt Ion: 57 Resp: 3315388
Ion Ratio Lower Upper
57 100
41 33.5 26.8 40.2
56 31.4 25.0 37.6





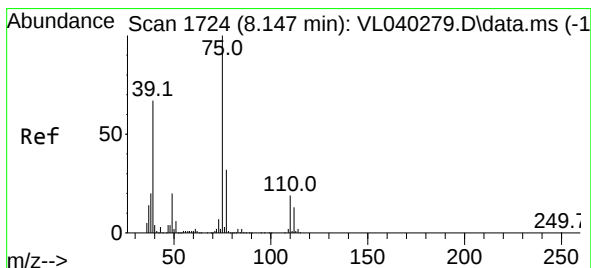
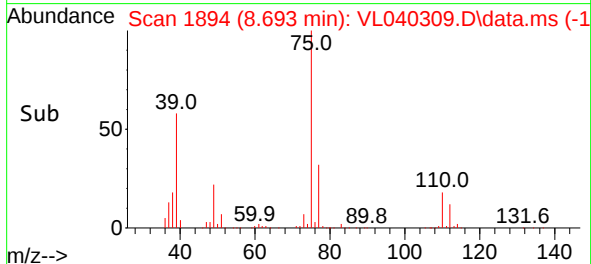
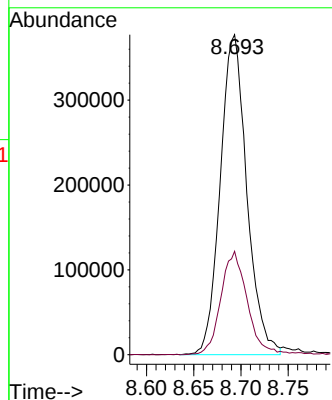
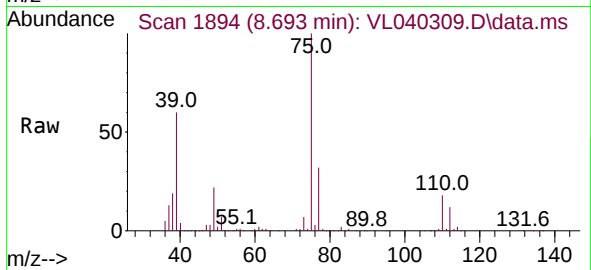
#45
t-1,3-Dichloropropene
Concen: 11.498 ppbv
RT: 8.693 min Scan# 1716
Delta R.T. -0.020 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 738174
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

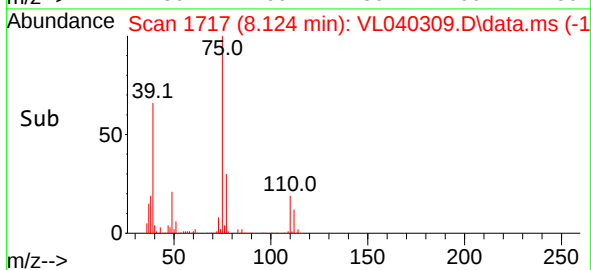
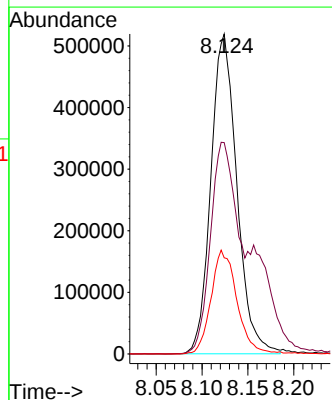
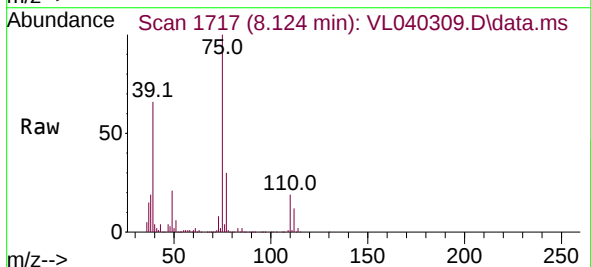
Manual Integrations
APPROVED

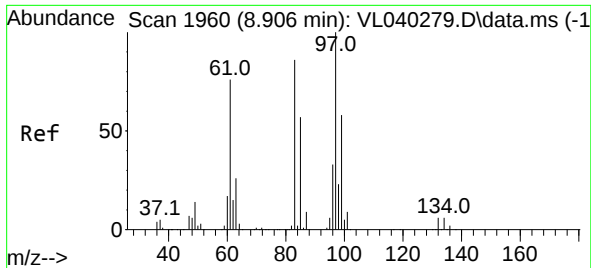
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#46
cis-1,3-Dichloropropene
Concen: 11.227 ppbv
RT: 8.124 min Scan# 1717
Delta R.T. -0.023 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 75 Resp: 1023482
Ion Ratio Lower Upper
75 100
39 66.0 53.9 80.9
77 30.1 25.3 37.9





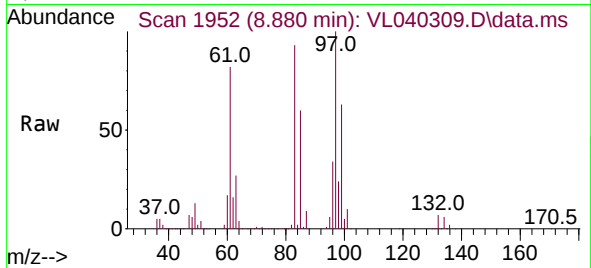
#47
1,1,2-Trichloroethane
Concen: 9.590 ppbv
RT: 8.880 min Scan# 1960
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

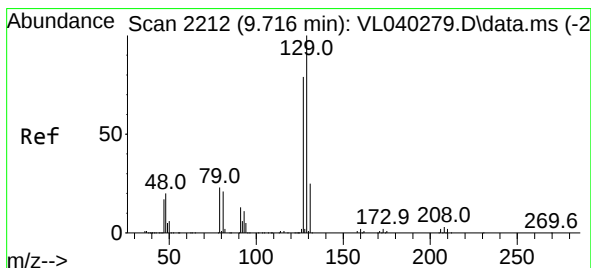
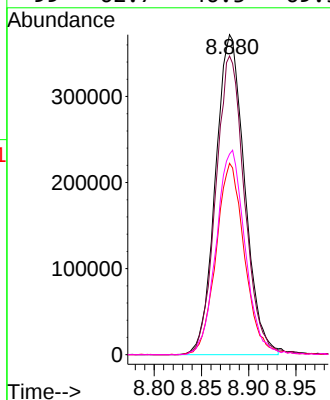
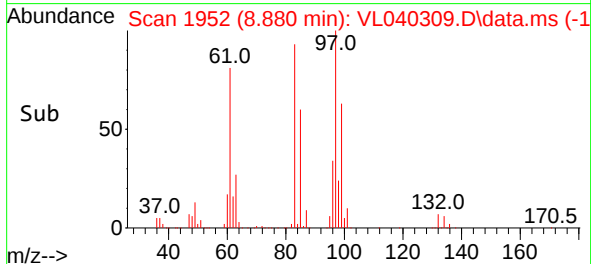


Tgt Ion: 97 Resp: 795544
Ion Ratio Lower Upper
97 100
83 93.2 68.6 103.0
85 59.8 46.0 69.0
99 62.7 46.3 69.5

Manual Integrations

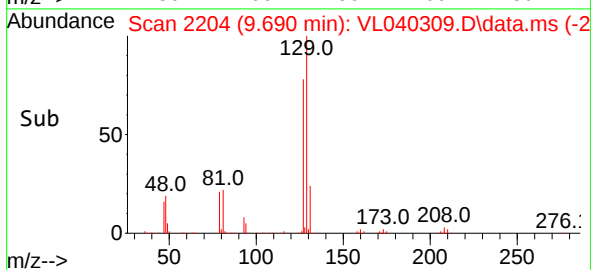
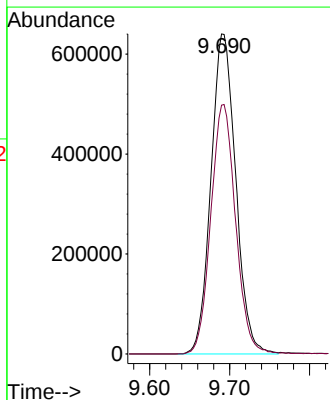
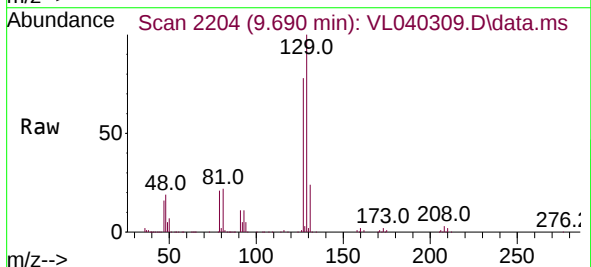
APPROVED

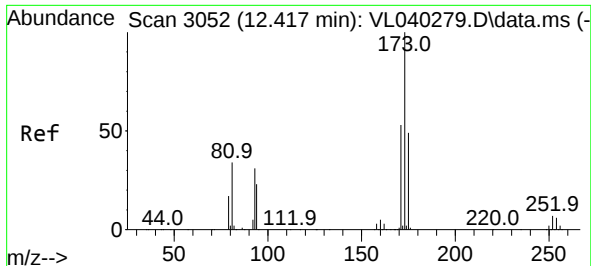
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#48
Dibromochloromethane
Concen: 10.095 ppbv
RT: 9.690 min Scan# 2204
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

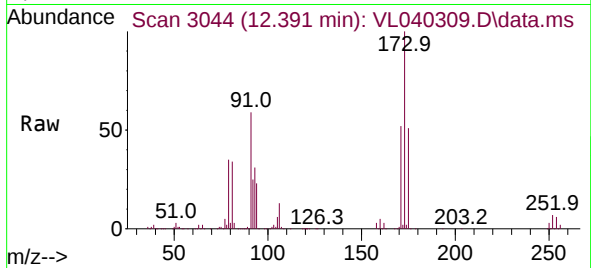
Tgt Ion:129 Resp: 1378125
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





#49
Bromoform
Concen: 10.163 ppbv
RT: 12.391 min Scan# 3052
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

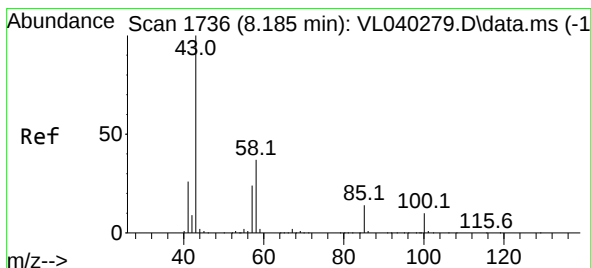
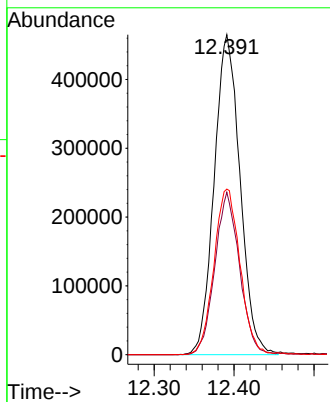
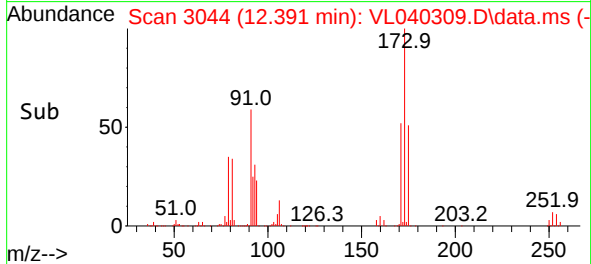
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 1042060
Ion Ratio Lower Upper
173 100
175 48.8 39.8 59.8
171 52.6 42.2 63.4

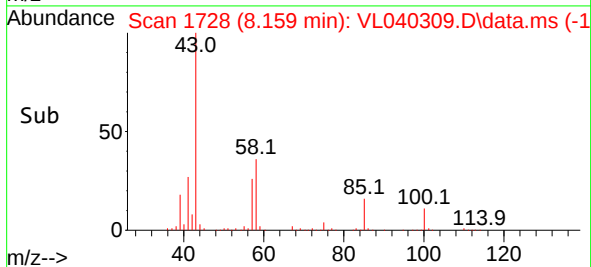
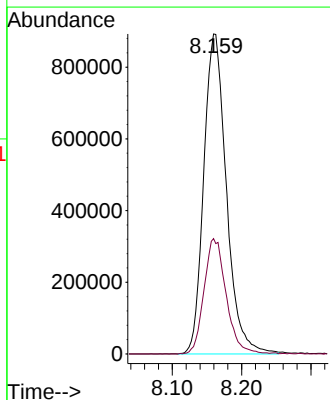
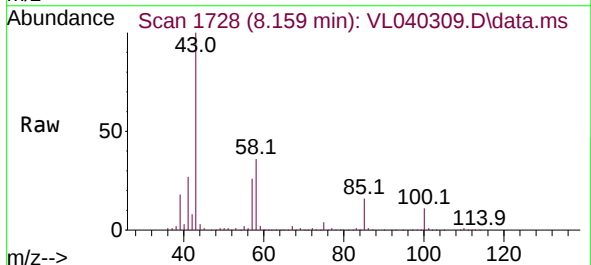
Manual Integrations
APPROVED

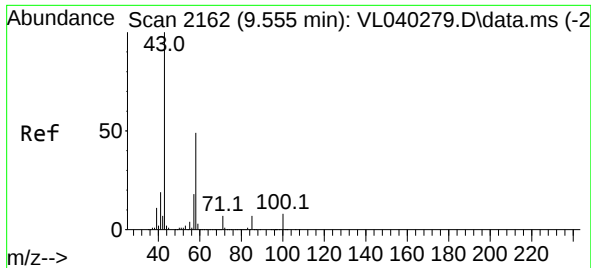
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#50
4-Methyl-2-Pentanone
Concen: 10.201 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

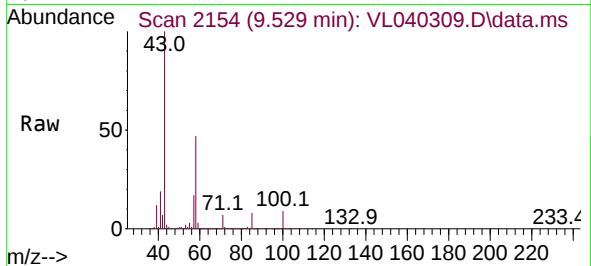
Tgt Ion: 43 Resp: 2025841
Ion Ratio Lower Upper
43 100
58 35.3 29.2 43.8





#51
2-Hexanone
Concen: 9.937 ppbv
RT: 9.529 min Scan# 2162
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

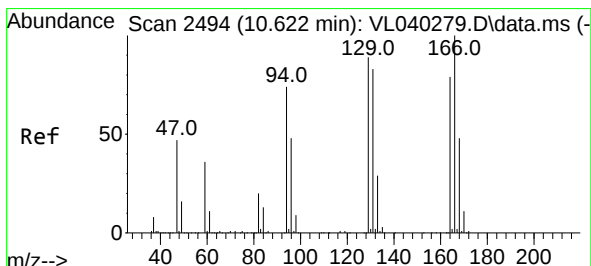
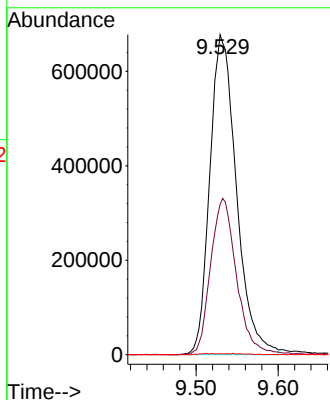
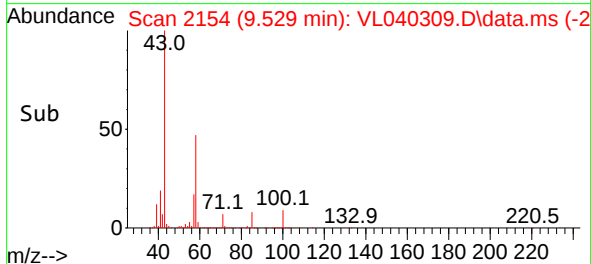
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



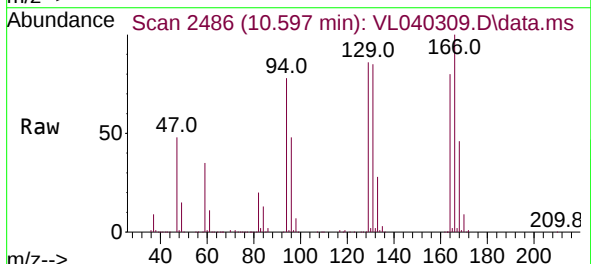
Tgt Ion: 43 Resp: 1528819
Ion Ratio Lower Upper
43 100
58 48.1 38.0 57.0
98 0.5 0.5 0.7

Manual Integrations
APPROVED

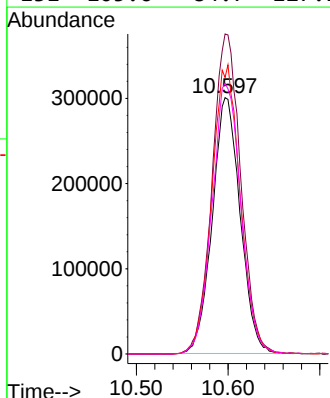
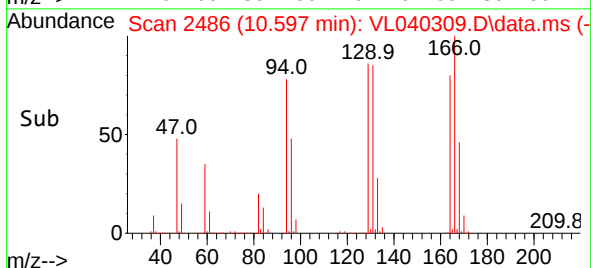
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

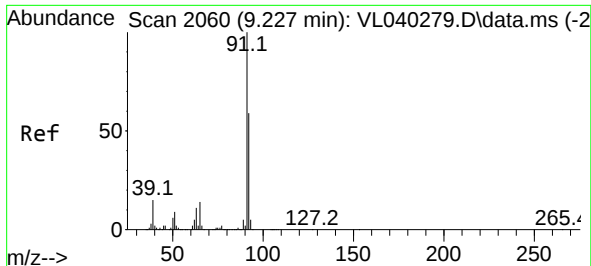


#52
Tetrachloroethene
Concen: 10.583 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.025 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



Tgt Ion:164 Resp: 634525
Ion Ratio Lower Upper
164 100
166 124.8 101.8 152.6
129 107.9 90.2 135.2
131 105.6 84.7 127.1





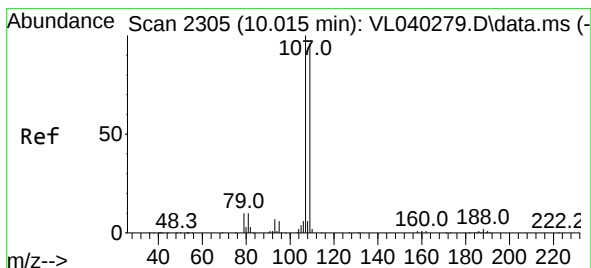
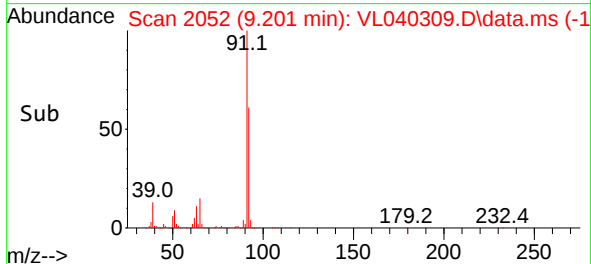
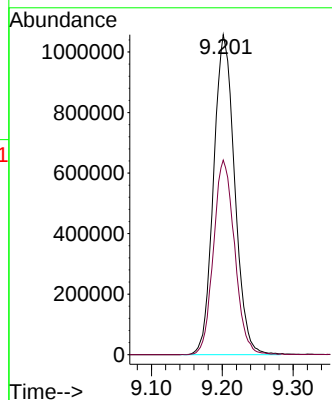
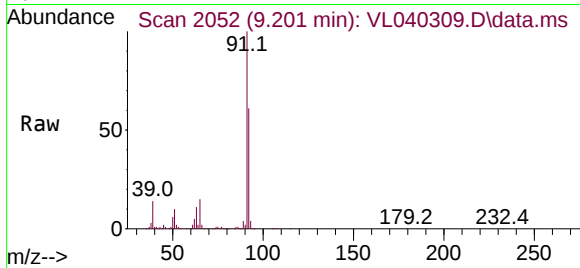
#53
Toluene
Concen: 10.535 ppbv
RT: 9.201 min Scan# 2060
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 218775
Ion Ratio Lower Upper
91 100
92 61.0 48.0 72.0

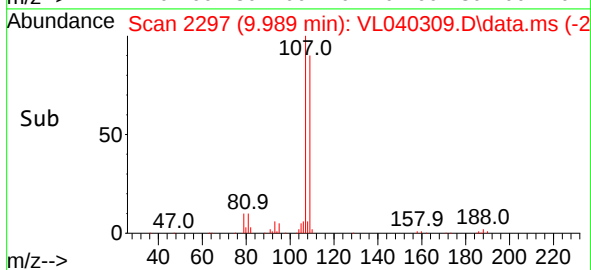
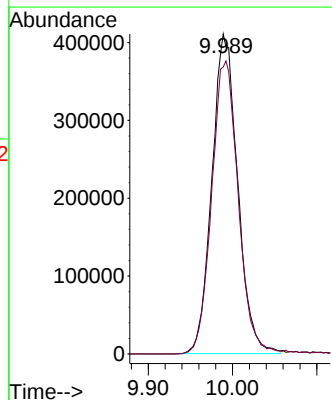
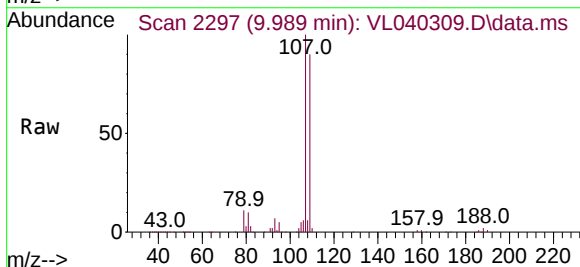
Manual Integrations
APPROVED

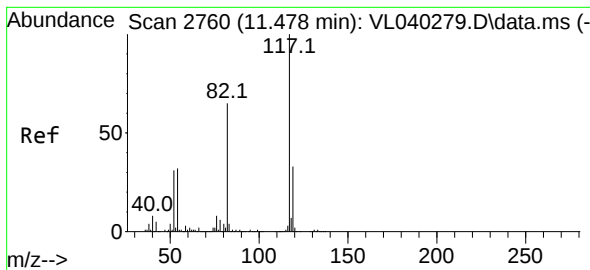
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#54
1,2-Dibromoethane
Concen: 10.203 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

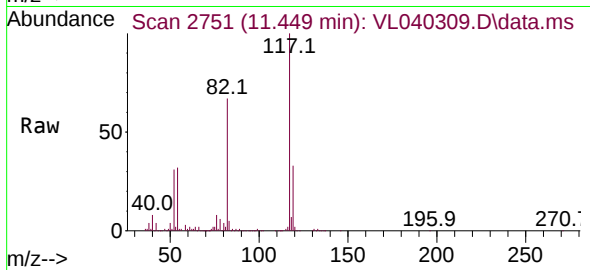
Tgt Ion:107 Resp: 871255
Ion Ratio Lower Upper
107 100
109 89.7 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.449 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

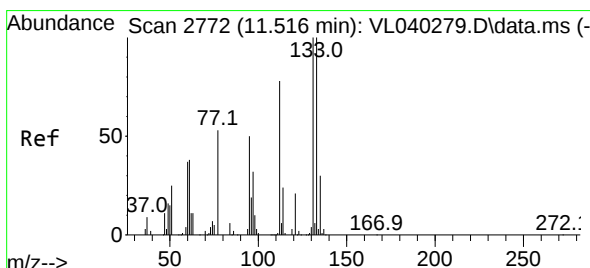
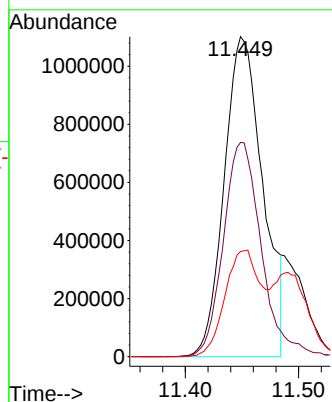
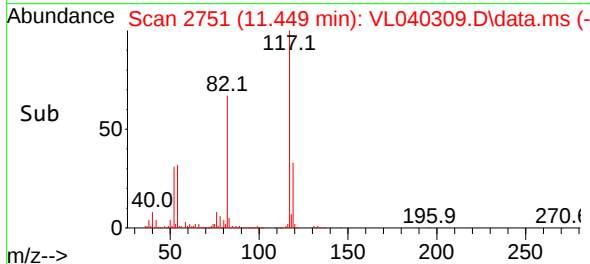
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 2604470
Ion Ratio Lower Upper
117 100
82 66.3 51.4 77.2
119 30.4 24.0 36.0

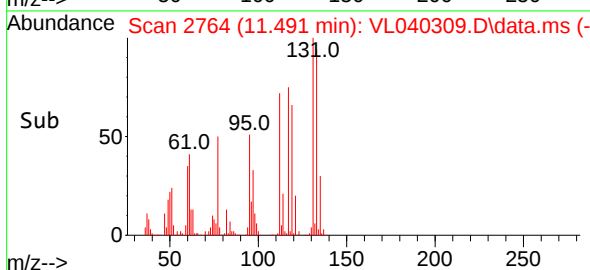
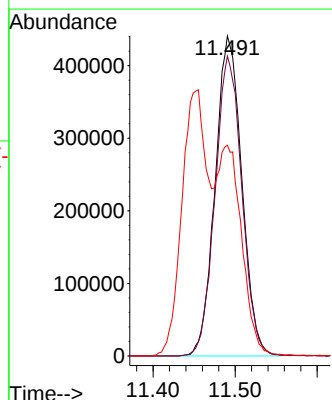
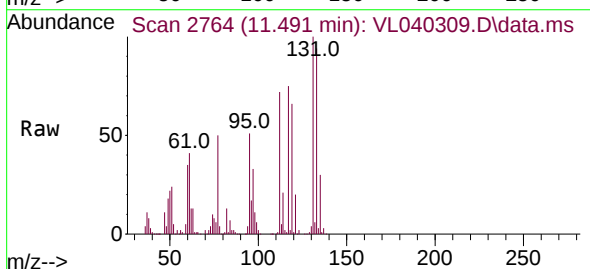
Manual Integrations
APPROVED

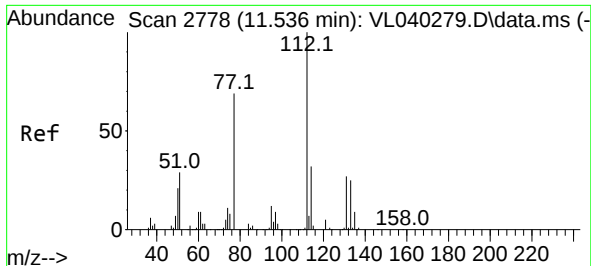
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.084 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.025 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

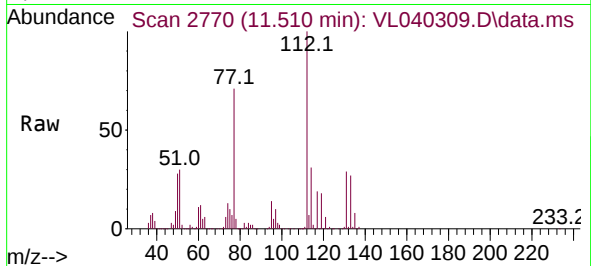
Tgt Ion:131 Resp: 995296
Ion Ratio Lower Upper
131 100
133 94.4 76.5 114.7
119 64.4 47.9 71.9





#57
Chlorobenzene
Concen: 8.943 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

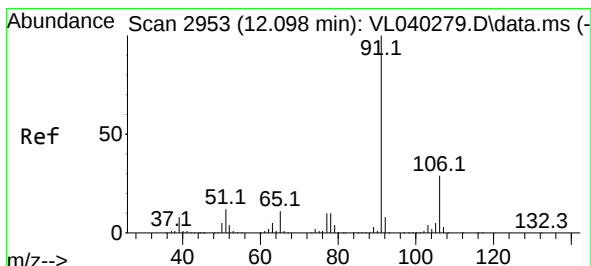
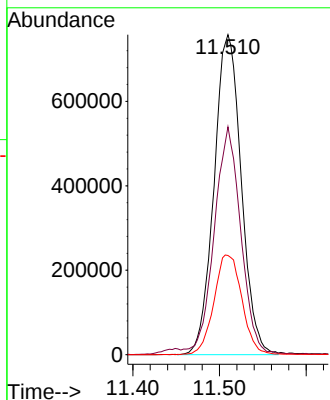
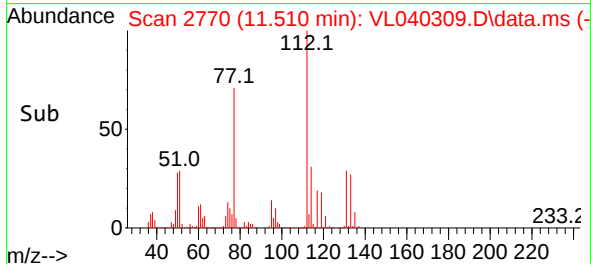
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



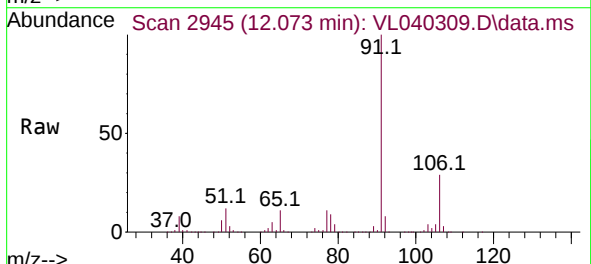
Tgt Ion: 112 Resp: 1656774
Ion Ratio Lower Upper
112 100
77 70.7 56.2 84.2
114 30.9 29.0 35.4

Manual Integrations
APPROVED

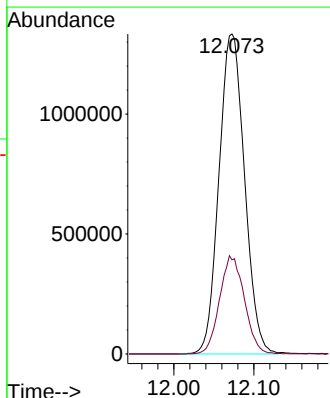
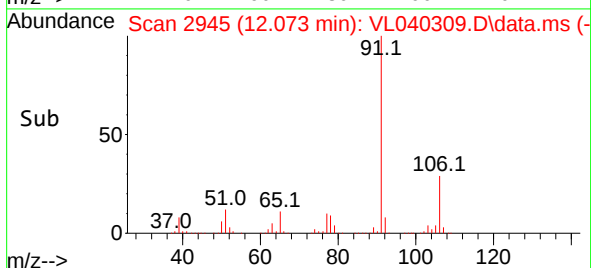
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

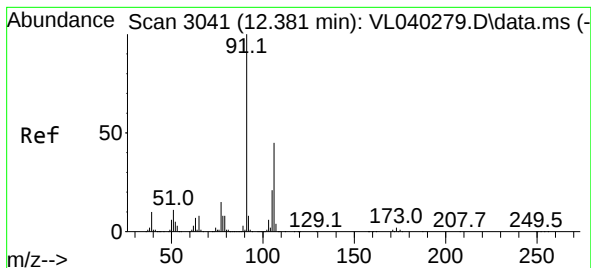


#58
Ethyl Benzene
Concen: 9.981 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



Tgt Ion: 91 Resp: 2959995
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.2





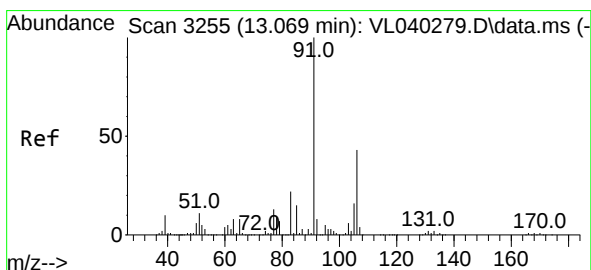
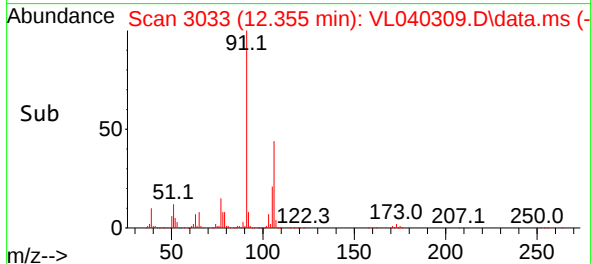
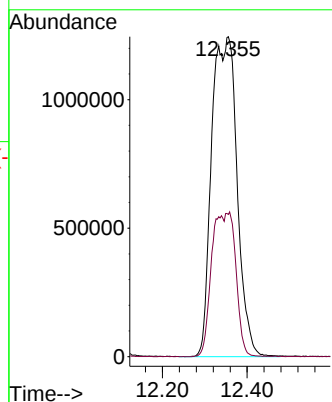
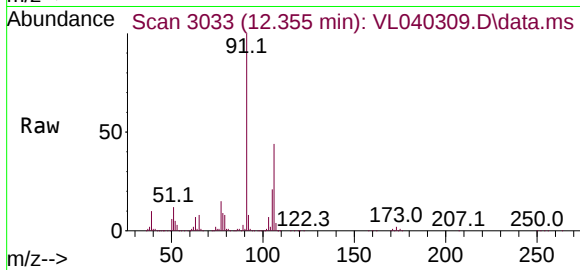
#59
m/p-Xylene
Concen: 19.074 ppbv m
RT: 12.355 min Scan# 3041
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5181804
Ion Ratio Lower Upper
91 100
106 43.0 34.0 51.0

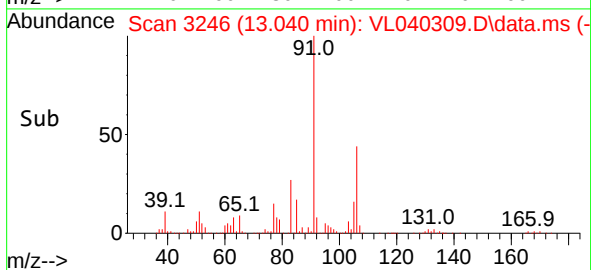
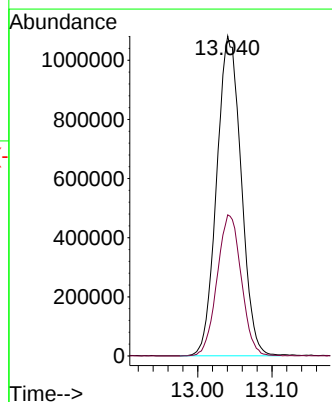
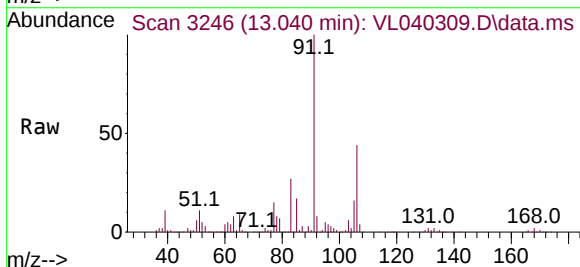
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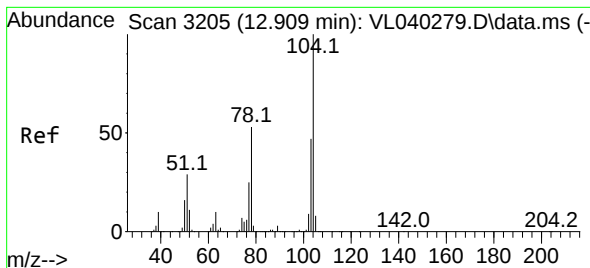
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#60
o-Xylene
Concen: 9.534 ppbv
RT: 13.040 min Scan# 3246
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion: 91 Resp: 2476158
Ion Ratio Lower Upper
91 100
106 43.7 21.7 65.1





#61

Styrene

Concen: 10.449 ppbv

RT: 12.880 min Scan# 3196

Delta R.T. -0.029 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 137705

Ion Ratio Lower Upper

104 100

78 54.0 43.7 65.5

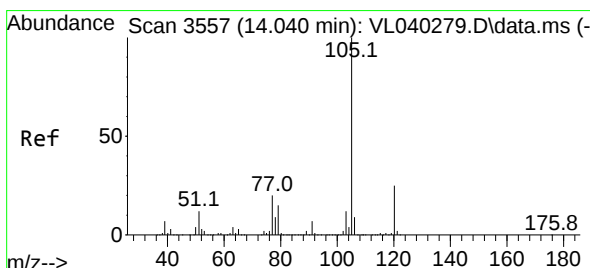
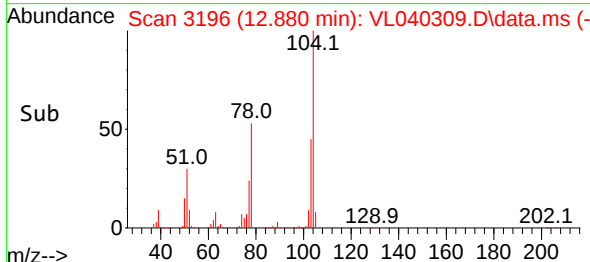
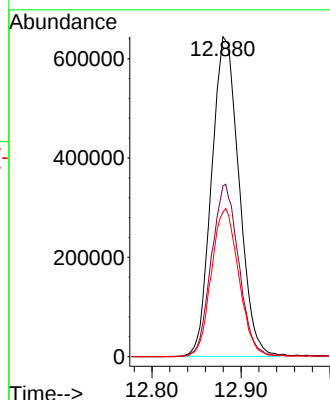
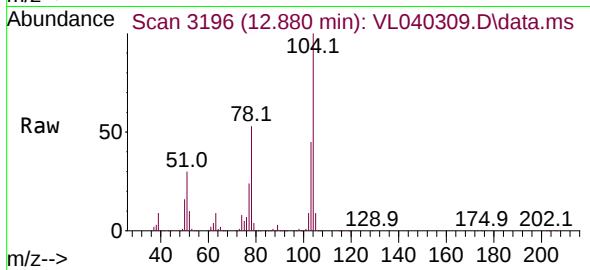
103 46.4 37.4 56.2

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Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#62

Isopropylbenzene

Concen: 9.456 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. -0.025 min

Lab File: VL040309.D

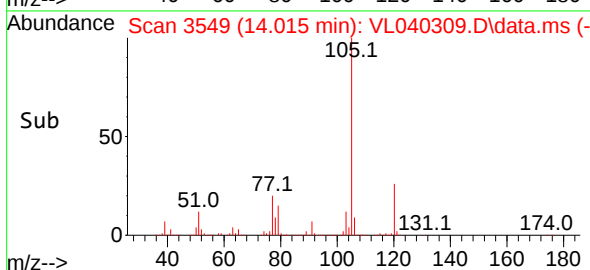
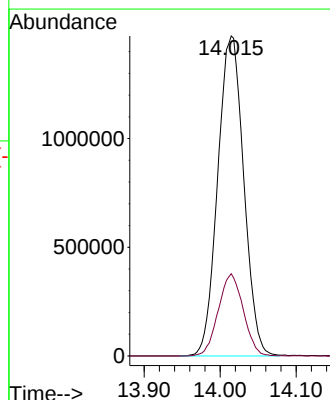
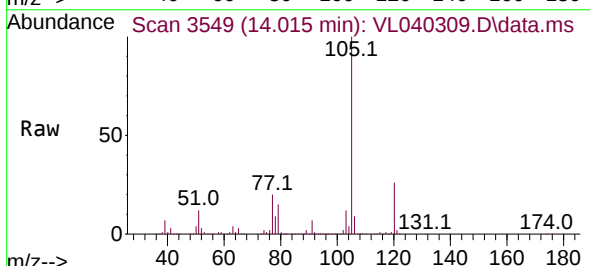
Acq: 5 Apr 2023 9:37

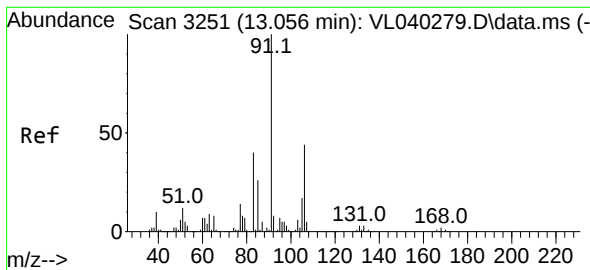
Tgt Ion:105 Resp: 3497207

Ion Ratio Lower Upper

105 100

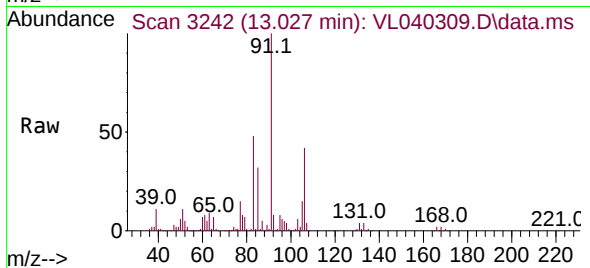
120 24.7 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.403 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

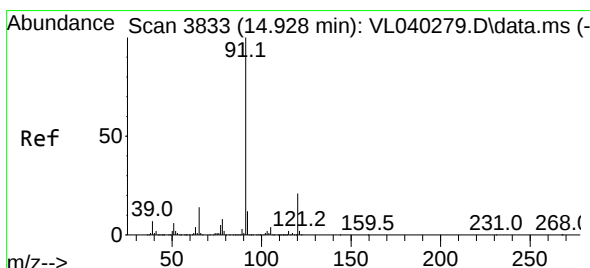
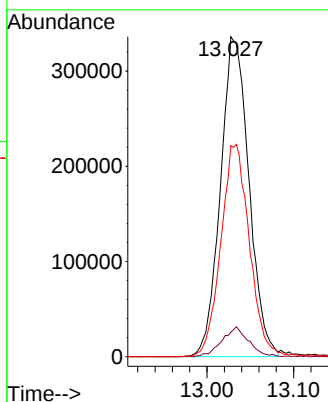
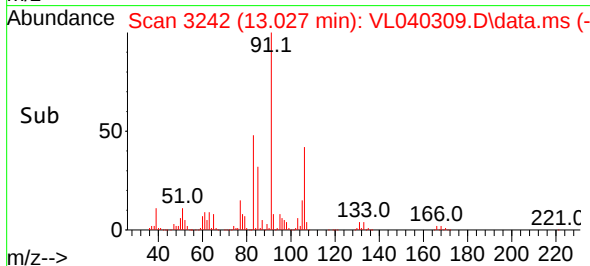
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



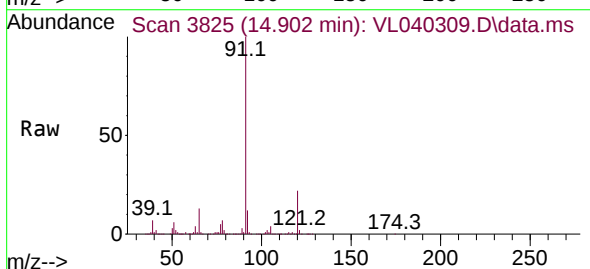
Tgt Ion: 83 Resp: 767925
Ion Ratio Lower Upper
83 100
131 8.8 4.3 12.9
85 67.1 32.7 98.1

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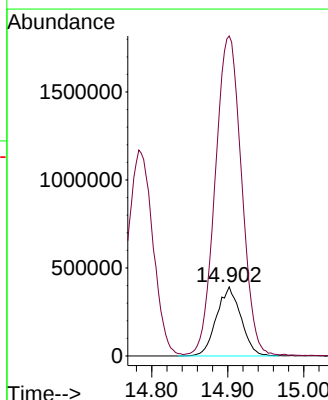
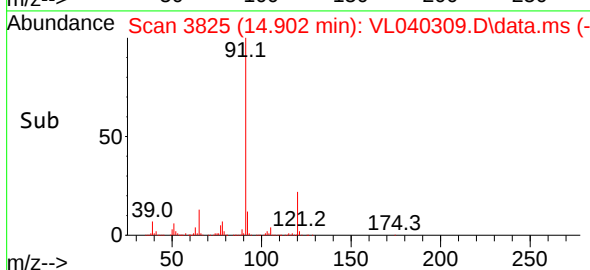
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

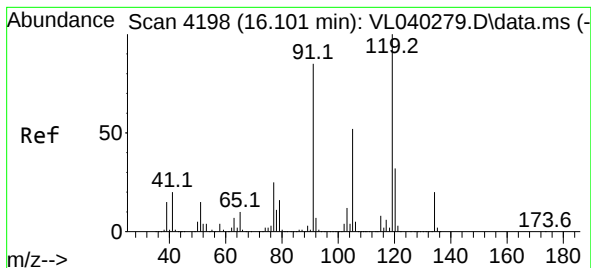


#64
n-propylbenzene
Concen: 9.655 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



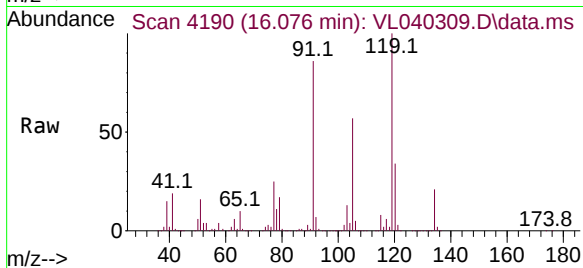
Tgt Ion:120 Resp: 873825
Ion Ratio Lower Upper
120 100
91 501.9 399.0 598.6





#65
tert-Butylbenzene
Concen: 9.706 ppbv
RT: 16.076 min Scan# 4198
Delta R.T. -0.025 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

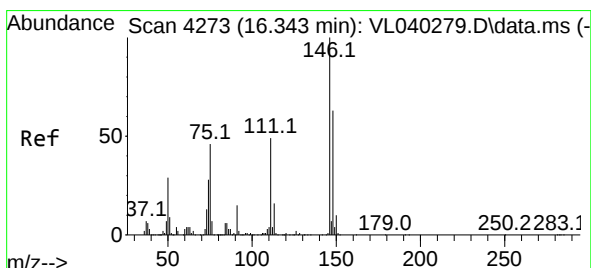
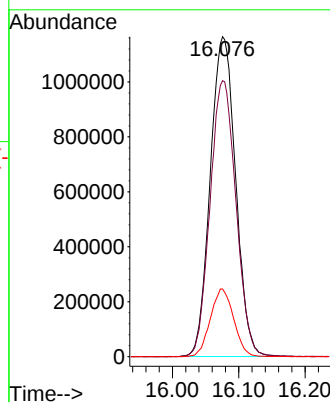
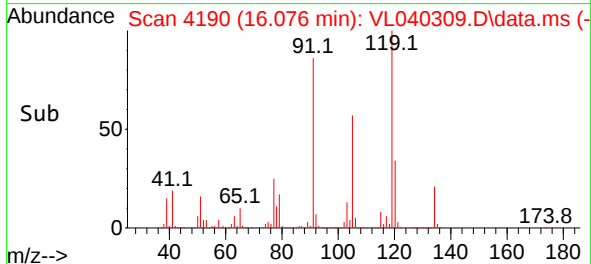
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



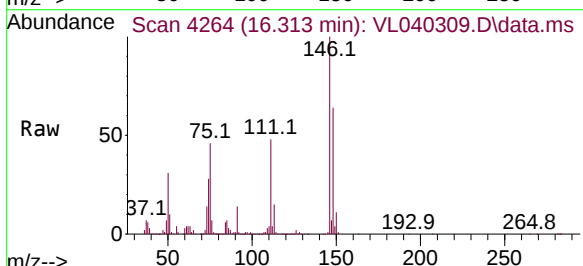
Tgt Ion: 119 Resp: 309346
Ion Ratio Lower Upper
119 100
91 88.1 69.4 104.2
134 19.5 15.8 23.6

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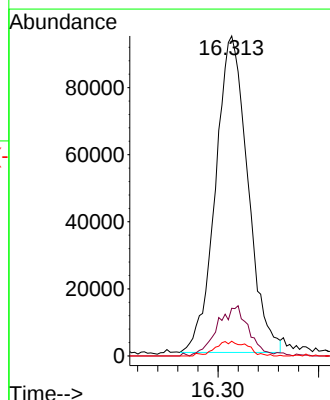
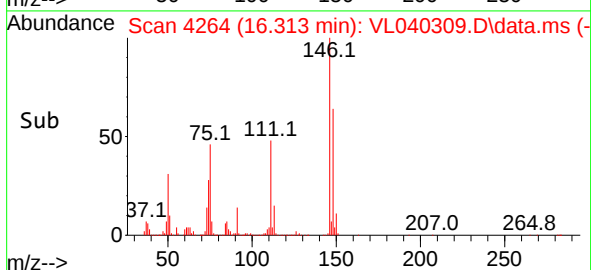
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

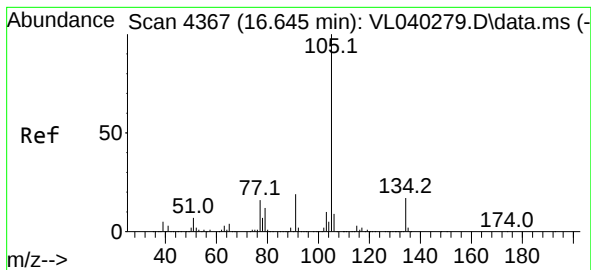


#66
Benzyl Chloride
Concen: 10.152 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.030 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



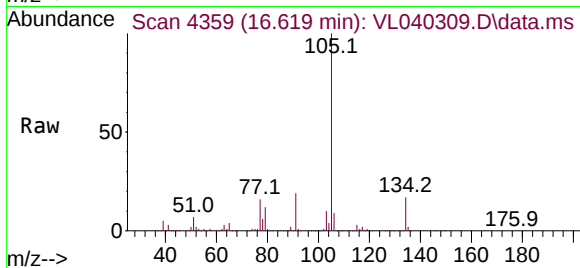
Tgt Ion: 91 Resp: 210277
Ion Ratio Lower Upper
91 100
126 15.9 12.1 18.1
128 4.8 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 9.905 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

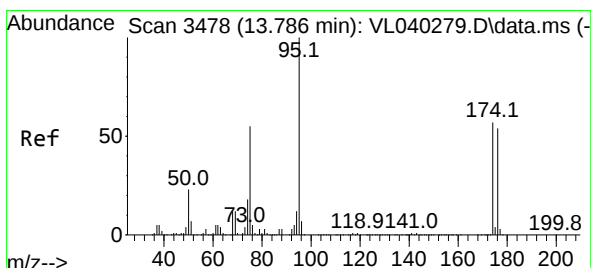
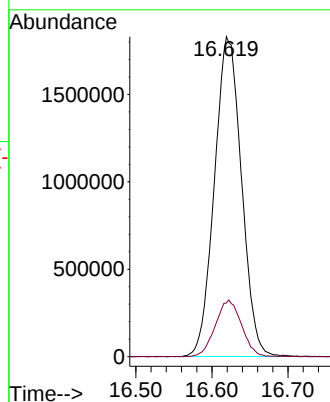
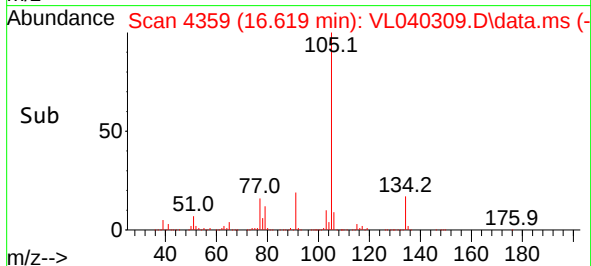
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 451450
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.0 21.0

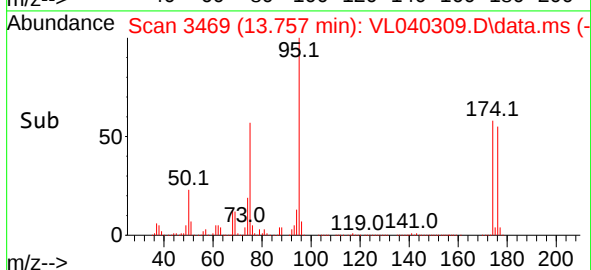
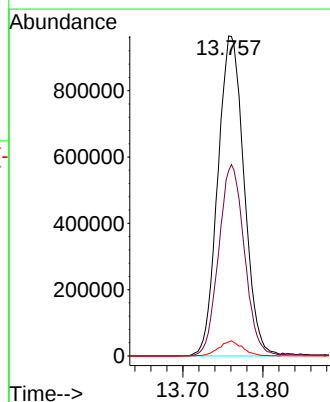
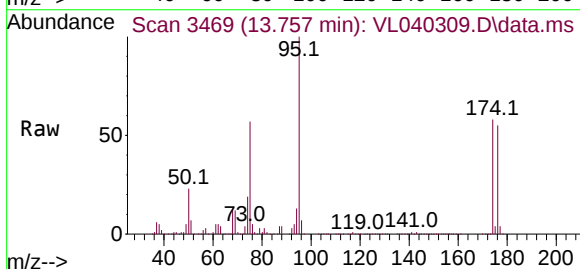
Manual Integrations
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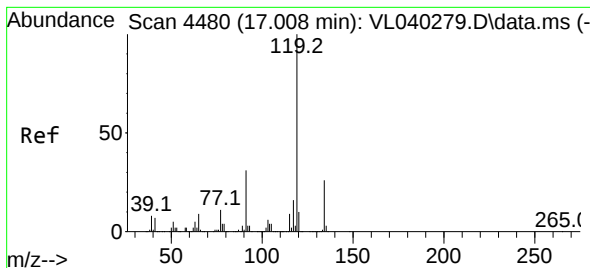
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.066 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. -0.029 min
 Lab File: VL040309.D
 Acq: 5 Apr 2023 9:37

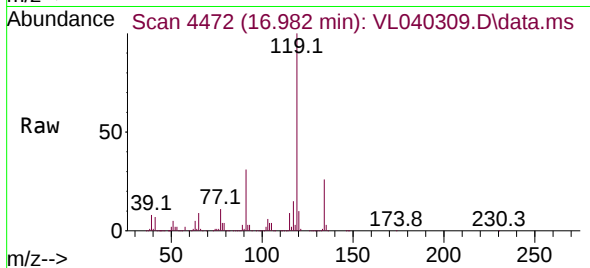
Tgt Ion: 95 Resp: 2195334
 Ion Ratio Lower Upper
 95 100
 174 59.1 47.0 70.6
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.390 ppbv
RT: 16.982 min Scan# 4480
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

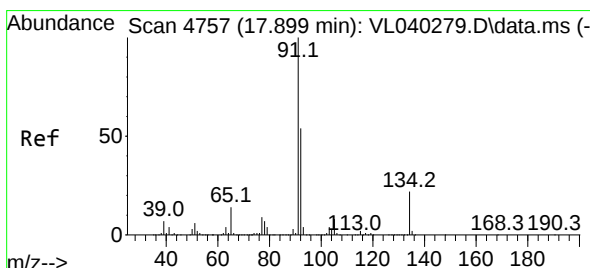
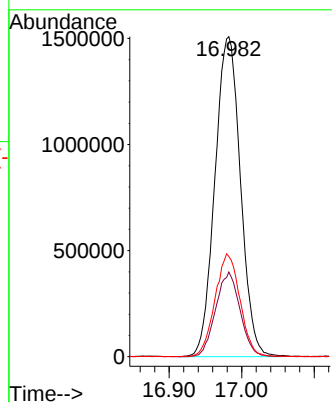
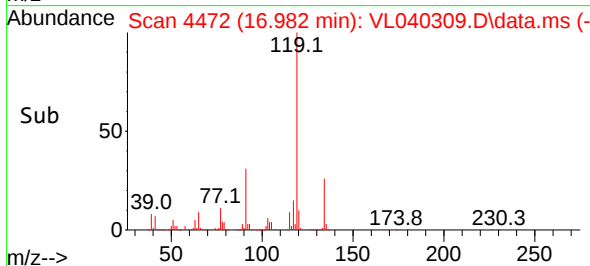
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



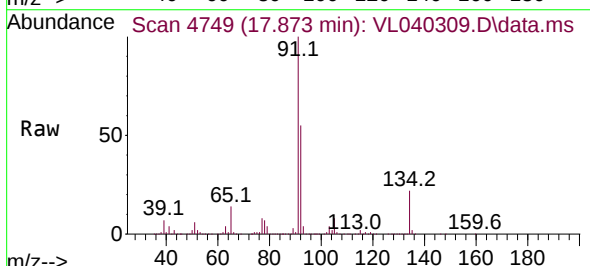
Tgt Ion:119 Resp: 368800
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 31.4 25.1 37.7

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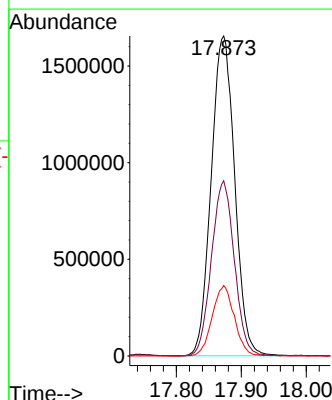
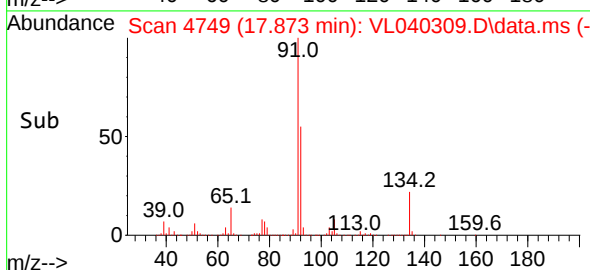
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

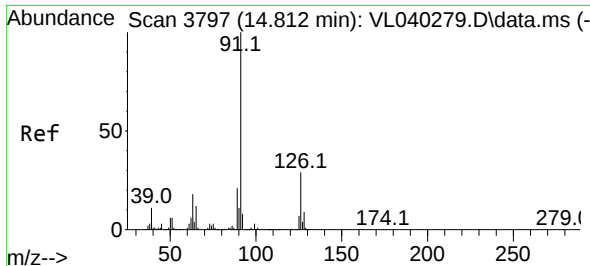


#70
n-Butylbenzene
Concen: 10.626 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



Tgt Ion: 91 Resp: 4155480
Ion Ratio Lower Upper
91 100
92 53.3 42.9 64.3
134 20.8 16.8 25.2





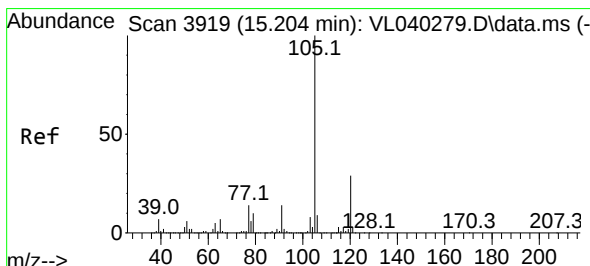
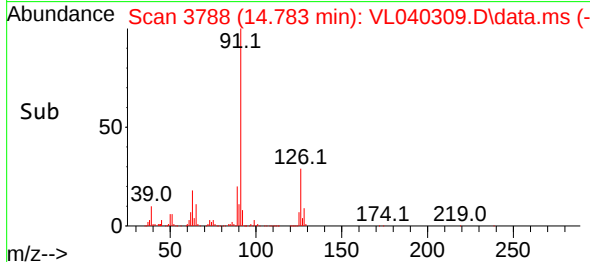
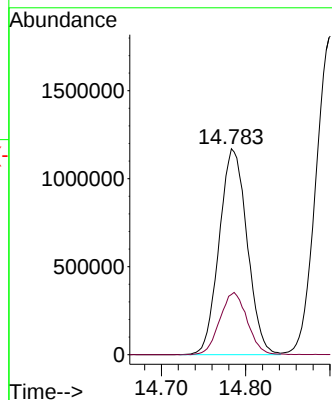
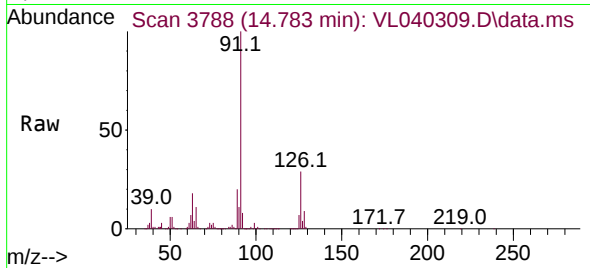
#71
2-Chlorotoluene
Concen: 9.557 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 269016
Ion Ratio Lower Upper
91 100
126 29.7 11.8 47.4

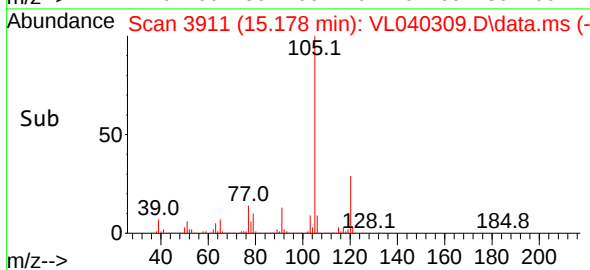
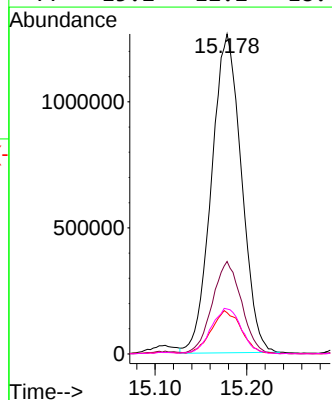
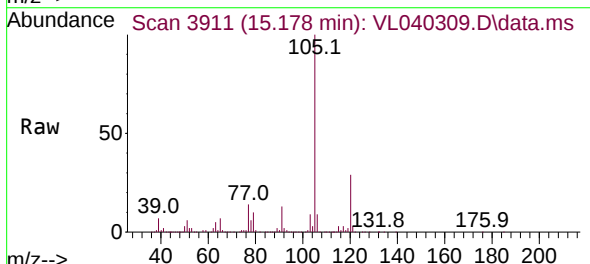
Manual Integrations
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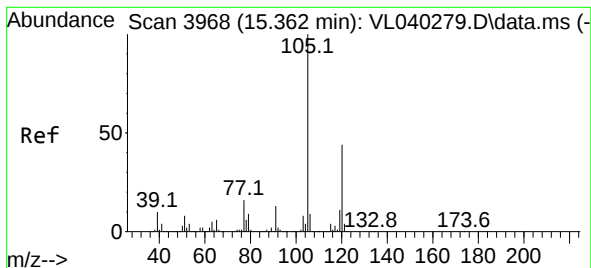
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#72
4-Ethyltoluene
Concen: 10.087 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Tgt Ion:105 Resp: 2864135
Ion Ratio Lower Upper
105 100
120 28.5 23.7 35.5
91 13.5 11.6 17.4
77 15.2 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.052 ppbv

RT: 15.336 min Scan# 3968

Delta R.T. -0.026 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2585319

Ion Ratio Lower Upper

105 100

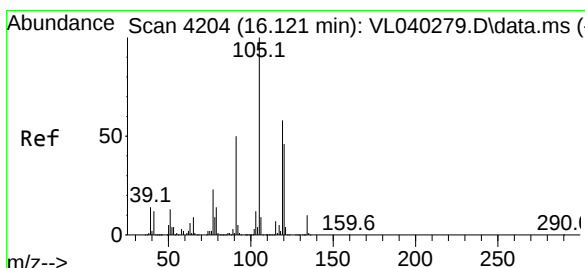
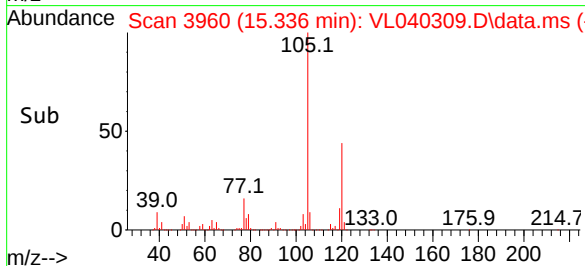
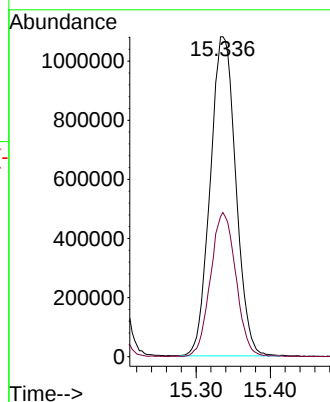
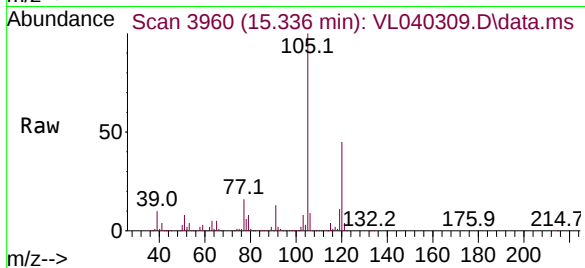
120 45.0 34.9 52.3

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Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.827 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.026 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Tgt Ion:105 Resp: 2882253

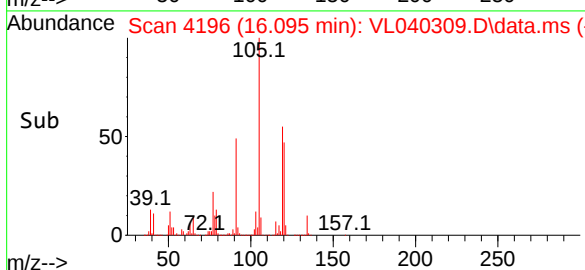
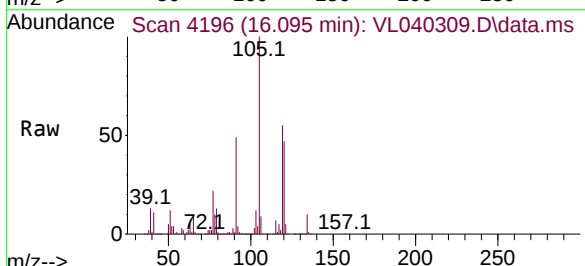
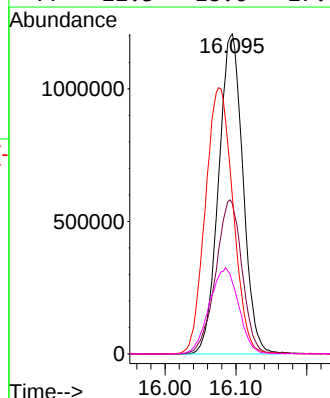
Ion Ratio Lower Upper

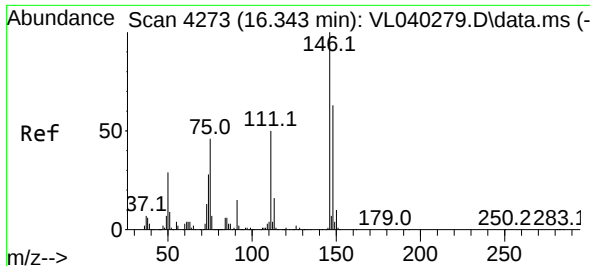
105 100

120 46.9 36.6 54.8

91 48.9 39.9 59.9

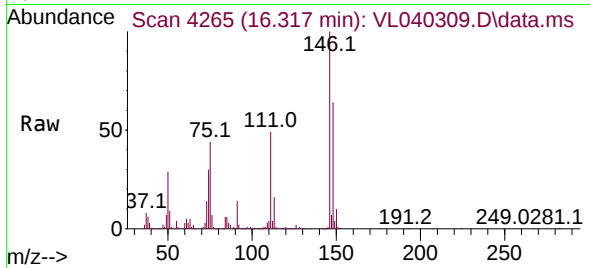
77 22.3 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 9.977 ppbv
RT: 16.317 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

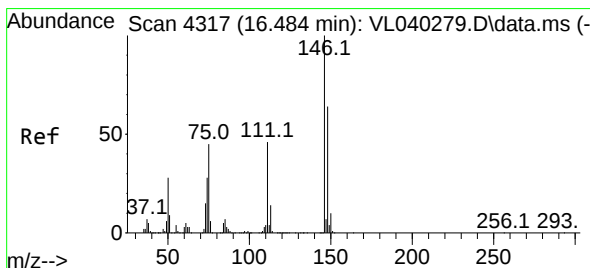
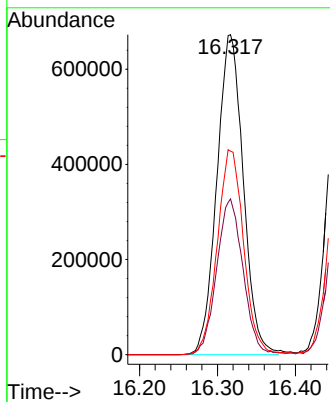
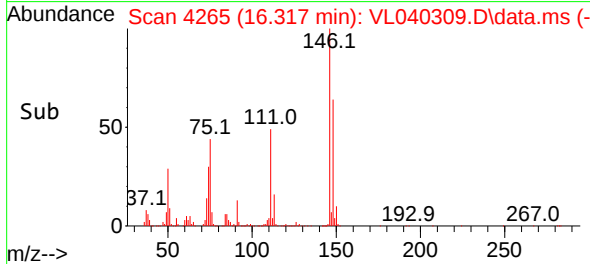
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



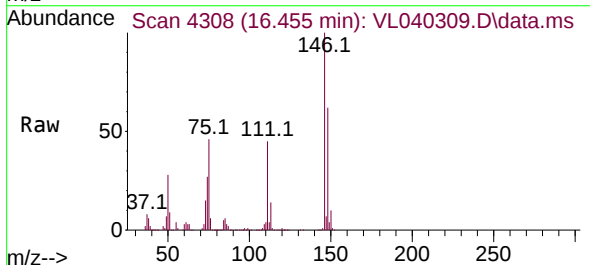
Tgt Ion:146 Resp: 1584900
Ion Ratio Lower Upper
146 100
111 48.7 24.3 73.0
148 64.1 31.9 95.5

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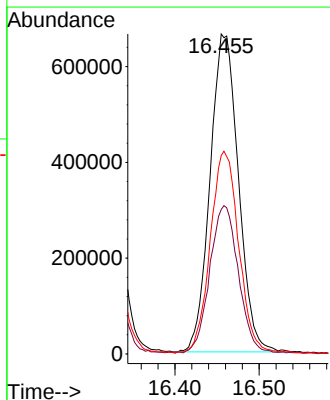
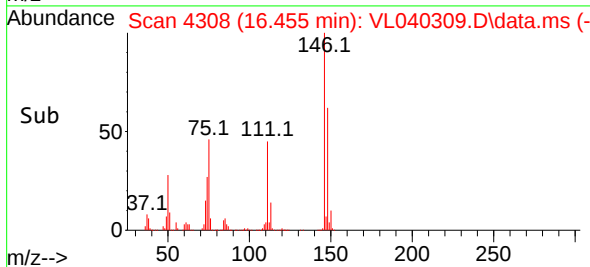
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

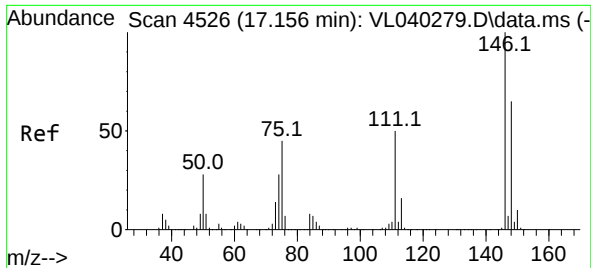


#76
1,4-Dichlorobenzene
Concen: 10.234 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



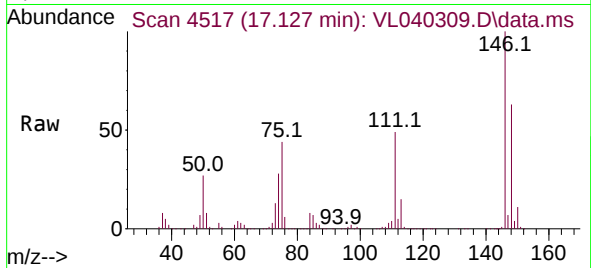
Tgt Ion:146 Resp: 1550564
Ion Ratio Lower Upper
146 100
111 47.9 23.8 71.2
148 64.8 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.249 ppbv
RT: 17.127 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

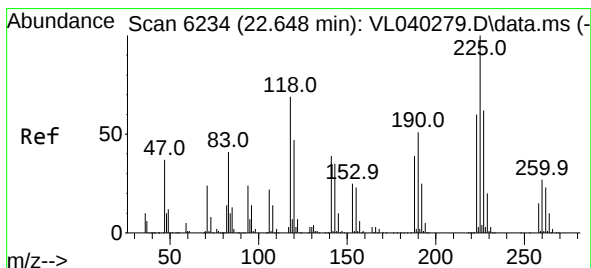
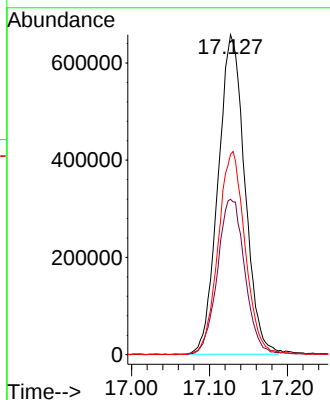
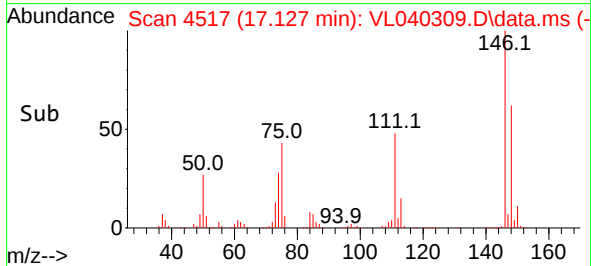
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



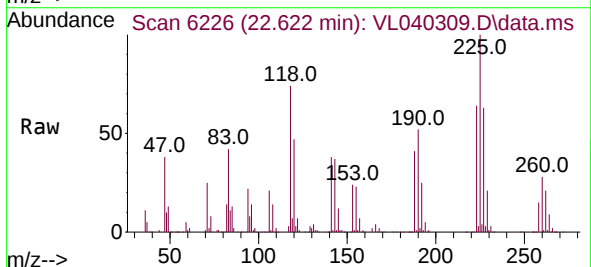
Tgt Ion:146 Resp: 156495
Ion Ratio Lower Upper
146 100
111 50.5 25.2 75.6
148 64.6 32.1 96.3

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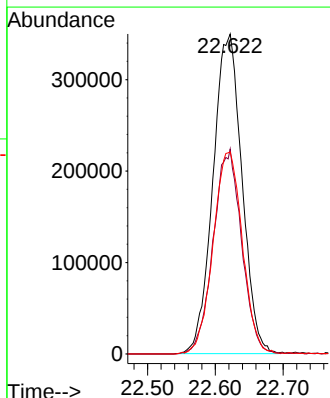
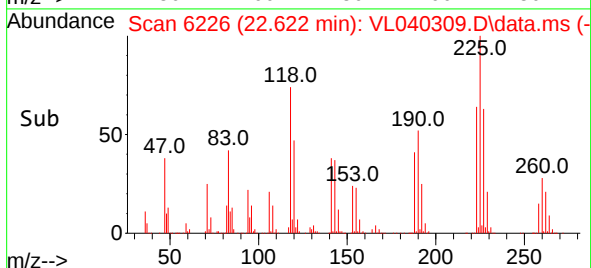
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

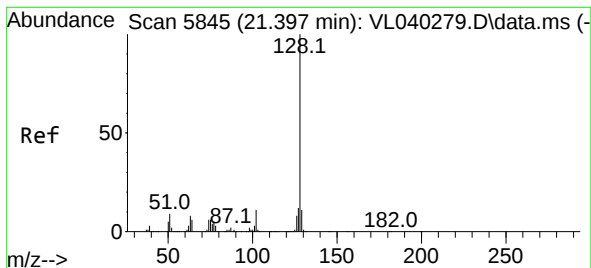


#78
Hexachloro-1,3-Butadiene
Concen: 9.269 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.026 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37



Tgt Ion:225 Resp: 1037956
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 63.9 51.4 77.2





#79

Naphthalene

Concen: 11.741 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. -0.029 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 2037309

Ion Ratio Lower Upper

128 100

127 12.4 9.6 14.4

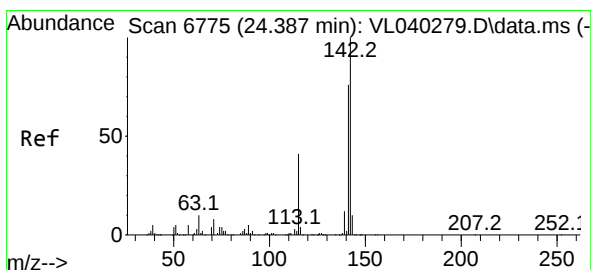
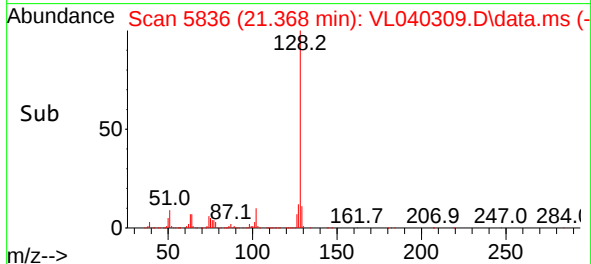
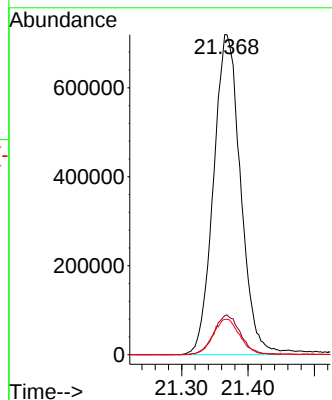
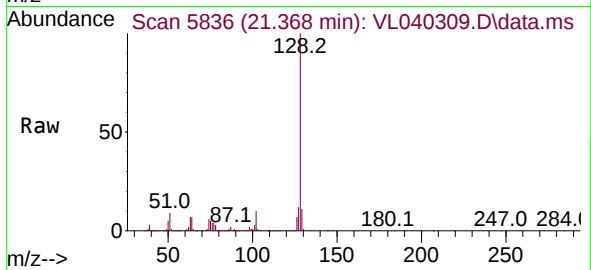
129 11.0 8.6 13.0

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Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#80

Naphthalene,2-methyl-

Concen: 7.134 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. -0.022 min

Lab File: VL040309.D

Acq: 5 Apr 2023 9:37

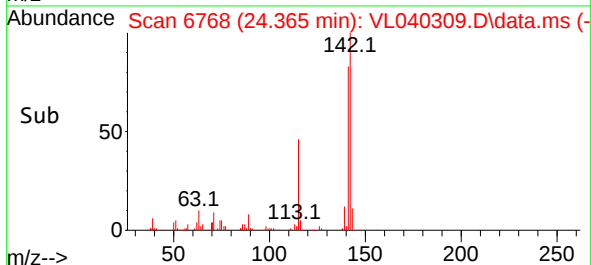
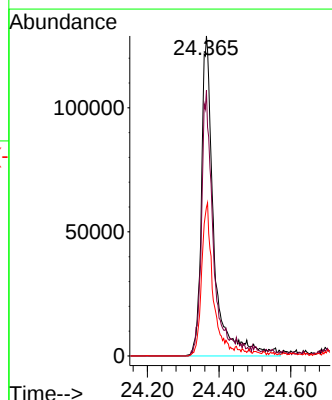
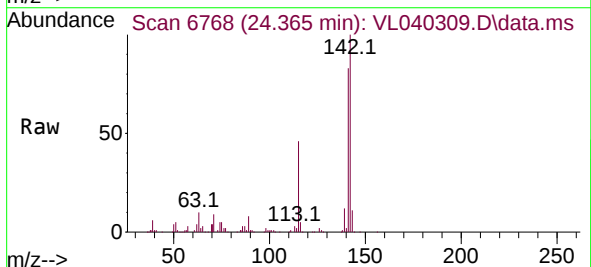
Tgt Ion:142 Resp: 313498

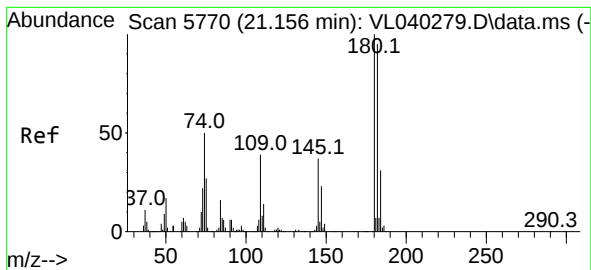
Ion Ratio Lower Upper

142 100

141 79.2 65.5 98.3

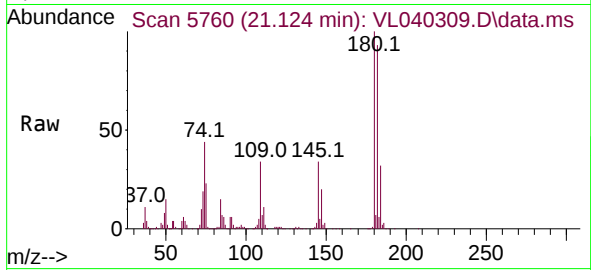
115 46.7 33.5 50.3





#81
1,2,4-Trichlorobenzene
Concen: 10.080 ppbv
RT: 21.124 min Scan# 51
Delta R.T. -0.032 min
Lab File: VL040309.D
Acq: 5 Apr 2023 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1077268
Ion Ratio Lower Upper
180 100
182 96.8 76.1 114.1
184 30.9 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

