

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040320.D
 Acq On : 10 Apr 2023 11:49
 Operator : SY/MD
 Sample : VL0410ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2023
 Supervised By : Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 02:06:20 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	5.156	49	1016117	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.619	114	2558665	10.000	ppbv	-0.04
55) Chlorobenzene-d5	11.433	117	2648682m	10.000	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.744 95 2124577 9.579 ppbv -0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.693	85	1508415	7.566	ppbv	100
3) Chlorodifluoromethane	2.639	51	1190320m	9.316	ppbv	
4) Chloromethane	2.777	50	750081	9.507	ppbv	99
5) Vinyl Chloride	2.886	62	651516	10.198	ppbv	97
6) Bromomethane	3.082	94	220067	9.934	ppbv	99
7) Chloroethane	3.163	64	243086	9.911	ppbv	99
8) Dichlorotetrafluoroethane	2.822	85	1648345	9.659	ppbv	99
9) Propene	2.658	41	474804	9.700	ppbv	98
10) Heptane	7.549	43	1215603	10.325	ppbv	99
11) Trichlorofluoromethane	3.526	101	1654530	9.160	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.031	101	1246175	9.186	ppbv	98
13) Ethanol	3.211	45	29365m	8.179	ppbv	
14) Bromoethene	3.330	108	498297	9.847	ppbv	97
15) Acetone	3.433	43	1110512	8.977	ppbv	98
16) 1,3-Butadiene	2.951	39	575904	10.242	ppbv	99
17) tert-Butyl alcohol	3.841	59	1250545	10.637	ppbv	100
18) 1,1-Dichloroethene	3.845	96	558200	9.592	ppbv	98
19) Isopropyl Alcohol	3.539	45	568678	9.597	ppbv	98
20) Methylene Chloride	3.896	84	457479	8.791	ppbv	99
21) Allyl Chloride	3.960	41	790957	9.871	ppbv	98
22) trans-1,2-Dichloroethene	4.410	96	572477	9.665	ppbv	95
23) Vinyl Acetate	4.590	43	344790	10.018	ppbv #	96
24) 1,1-Dichloroethane	4.529	63	1177176	9.590	ppbv	98
25) Ethyl Acetate	5.169	43	2238823	9.667	ppbv	100
26) Hexane	5.176	57	950059	9.994	ppbv	97
27) Carbon Disulfide	4.089	76	1385979	10.438	ppbv	100
28) Methyl tert-Butyl Ether	4.549	73	1039774	9.526	ppbv	99
29) Chloroform	5.240	83	1669359	9.944	ppbv	99
30) Cyclohexane	6.565	84	802164	10.708	ppbv	99
31) cis-1,2-Dichloroethene	5.041	61	953859	10.303	ppbv	98
32) 1,1,1-Trichloroethane	5.967	97	1673037	10.403	ppbv	99
34) 2-Butanone	4.751	43	1239184	9.813	ppbv	100
35) Carbon Tetrachloride	6.459	117	1724872	10.742	ppbv	99
36) Benzene	6.336	78	2011615	10.316	ppbv	99
37) 1,2-Dichloroethane	5.774	62	1280707	10.091	ppbv	100
38) Trichloroethene	7.256	130	1196278	11.227	ppbv	98
39) 1,2-Dichloropropane	7.037	63	769820	10.063	ppbv	97
40) 1,4-Dioxane	7.253	88	290953	9.613	ppbv	74
41) Tetrahydrofuran	5.523	42	709326	9.733	ppbv	97
42) Bromodichloromethane	7.214	83	1799870	10.378	ppbv	97
43) Methyl Methacrylate	7.442	69	804531	11.103	ppbv	98
44) 2,2,4-Trimethylpentane	7.291	57	3398462	10.453	ppbv	100
45) t-1,3-Dichloropropene	8.677	75	753786	11.933	ppbv	94

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 Misc : 400mL/MSVOA_L
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Instrument :
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Quant Time: Apr 11 02:06:20 2023

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

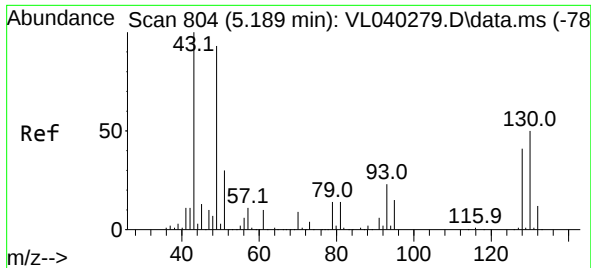
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	8.108	75	1032506	11.510	ppbv	97
47) 1,1,2-Trichloroethane	8.867	97	813394	9.965	ppbv	97
48) Dibromochloromethane	9.680	129	1391533	10.359	ppbv	100
49) Bromoform	12.375	173	1054793	10.455	ppbv	98
50) 4-Methyl-2-Pentanone	8.147	43	2038147	10.430	ppbv	99
51) 2-Hexanone	9.516	43	1534194	10.134	ppbv	99
52) Tetrachloroethene	10.584	164	654967	11.102	ppbv	99
53) Toluene	9.188	91	2243680	10.980	ppbv	99
54) 1,2-Dibromoethane	9.973	107	882121	10.499	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.474	131	1012237	9.085	ppbv	97
57) Chlorobenzene	11.494	112	1689109	8.965	ppbv	98
58) Ethyl Benzene	12.056	91	3016106	10.001	ppbv	99
59) m/p-Xylene	12.343	91	5210087m	18.858	ppbv	
60) o-Xylene	13.027	91	2496933	9.454	ppbv	99
61) Styrene	12.867	104	1392814	10.392	ppbv	99
62) Isopropylbenzene	14.002	105	3507497	9.326	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.018	83	785845	8.456	ppbv	100
64) n-propylbenzene	14.886	120	896463	9.740	ppbv	98
65) tert-Butylbenzene	16.063	119	3109304	9.593	ppbv	100
66) Benzyl Chloride	16.294	91	208450	9.896	ppbv	98
67) sec-Butylbenzene	16.606	105	4488776	9.684	ppbv	100
69) p-Isopropyltoluene	16.966	119	3673678	10.177	ppbv	100
70) n-Butylbenzene	17.860	91	4136339	10.401	ppbv	100
71) 2-Chlorotoluene	14.770	91	2695072	9.415	ppbv	99
72) 4-Ethyltoluene	15.162	105	2849745	9.869	ppbv	99
73) 1,3,5-Trimethylbenzene	15.323	105	2569017	9.822	ppbv	96
74) 1,2,4-Trimethylbenzene	16.079	105	2850062	9.555	ppbv	99
75) 1,3-Dichlorobenzene	16.301	146	1592738	9.859	ppbv	100
76) 1,4-Dichlorobenzene	16.445	146	1553976	10.085	ppbv	100
77) 1,2-Dichlorobenzene	17.111	146	1581208	10.183	ppbv	100
78) Hexachloro-1,3-Butadiene	22.599	225	1116340	9.802	ppbv	100
79) Naphthalene	21.352	128	2261305	12.815	ppbv	98
80) Naphthalene,2-methyl-	24.349	142	374069	8.370	ppbv	98
81) 1,2,4-Trichlorobenzene	21.107	180	1204899	11.086	ppbv	100

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



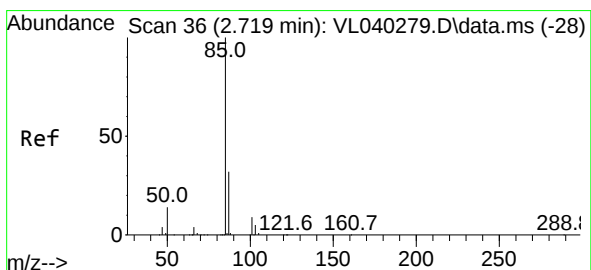
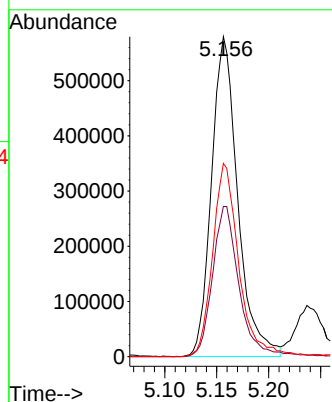
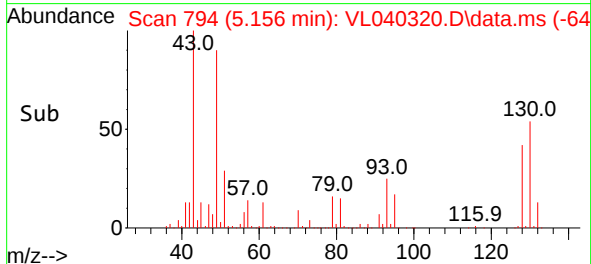
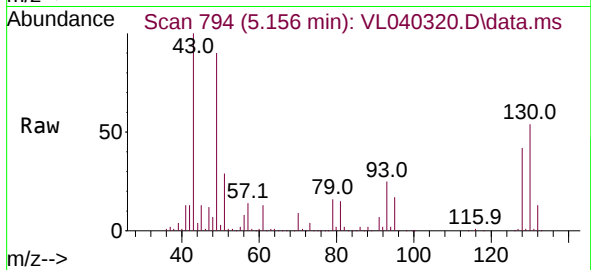
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 79
Delta R.T. -0.033 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01

Tgt Ion: 49 Resp: 101611
Ion Ratio Lower Upper
49 100
128 47.9 22.4 67.3
130 60.9 28.7 86.1

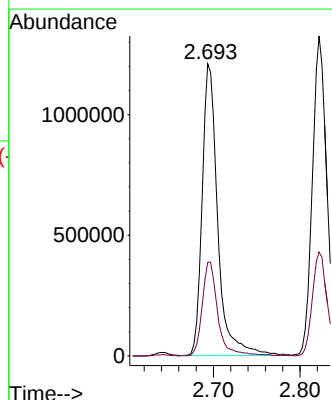
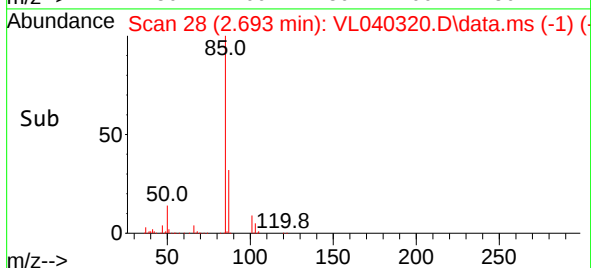
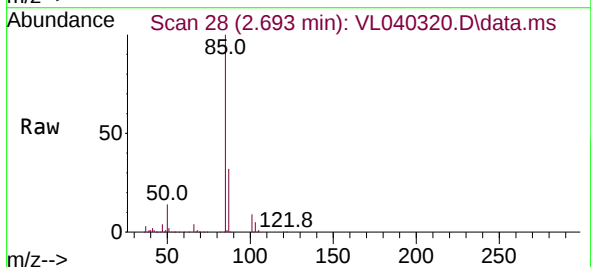
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#2
Dichlorodifluoromethane
Concen: 7.566 ppbv
RT: 2.693 min Scan# 28
Delta R.T. -0.026 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

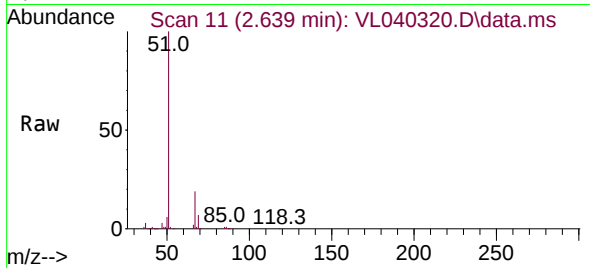
Tgt Ion: 85 Resp: 1508415
Ion Ratio Lower Upper
85 100
87 32.1 25.5 38.3





#3
Chlorodifluoromethane
Concen: 9.316 ppbv m
RT: 2.639 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

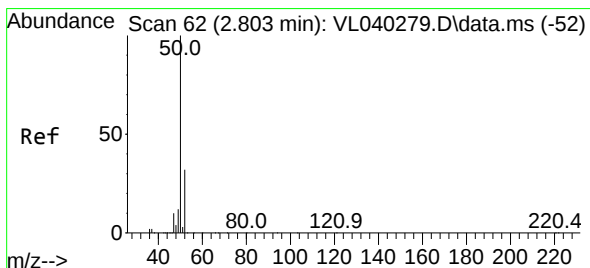
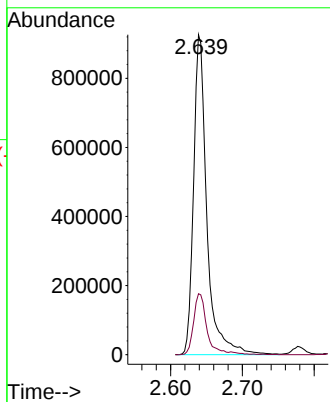
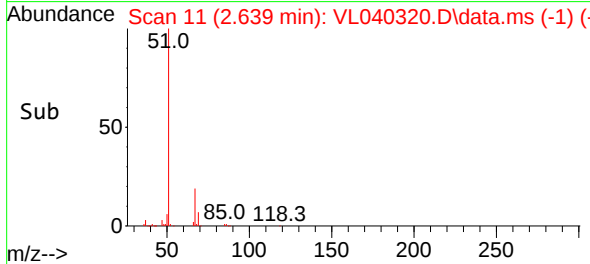
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ClientSampleId :
VL0410ABS01



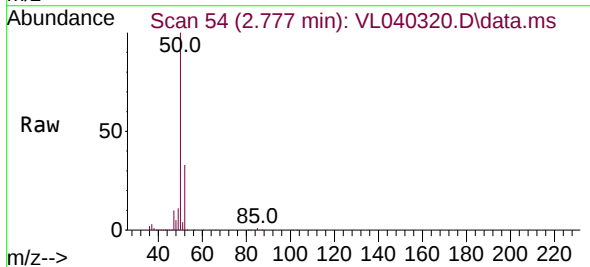
Tgt Ion: 51 Resp: 1190320
Ion Ratio Lower Upper
51 100
67 19.0 16.0 24.0

Manual Integrations
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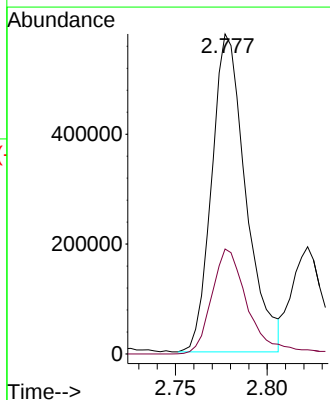
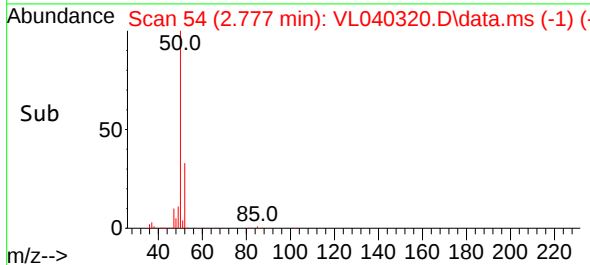
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

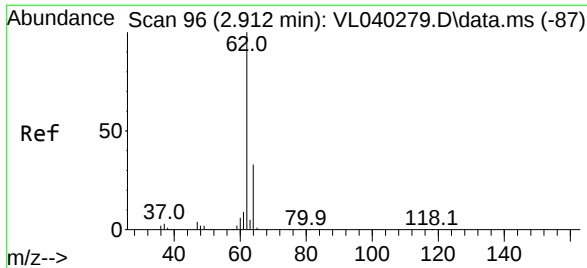


#4
Chloromethane
Concen: 9.507 ppbv
RT: 2.777 min Scan# 54
Delta R.T. -0.026 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



Tgt Ion: 50 Resp: 750081
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9





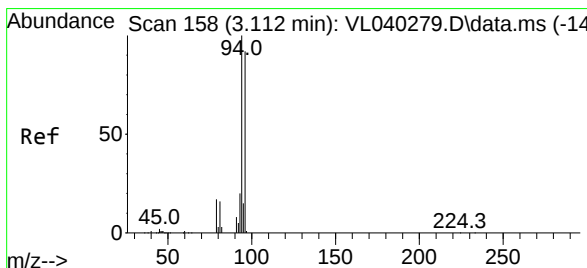
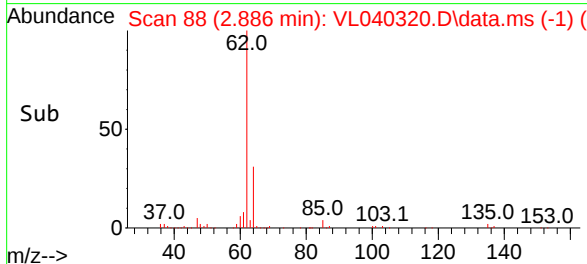
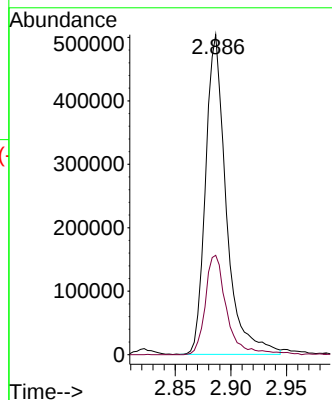
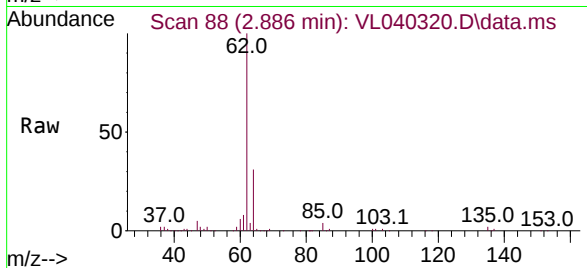
#5
 Vinyl Chloride
 Concen: 10.198 ppbv
 RT: 2.886 min Scan# 81
 Delta R.T. -0.026 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABS01

Tgt Ion: 62 Resp: 651510
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.4 39.6

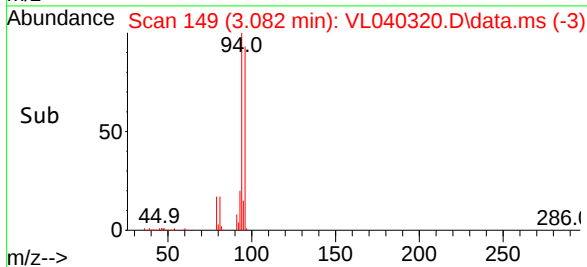
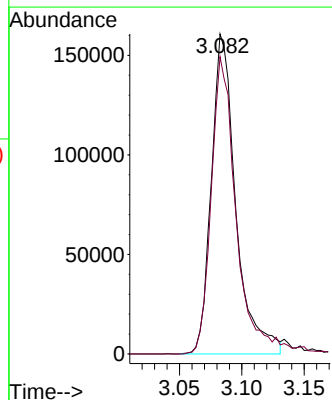
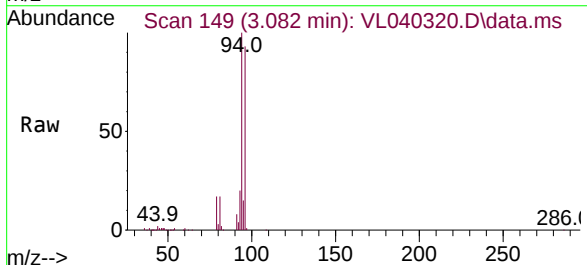
Manual Integrations
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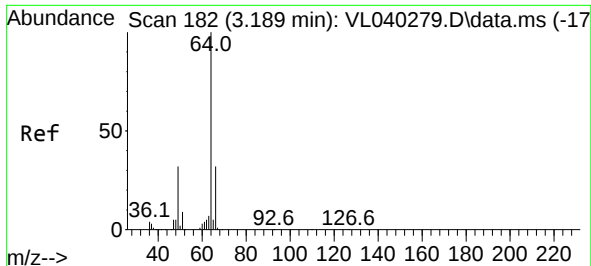
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#6
 Bromomethane
 Concen: 9.934 ppbv
 RT: 3.082 min Scan# 149
 Delta R.T. -0.030 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

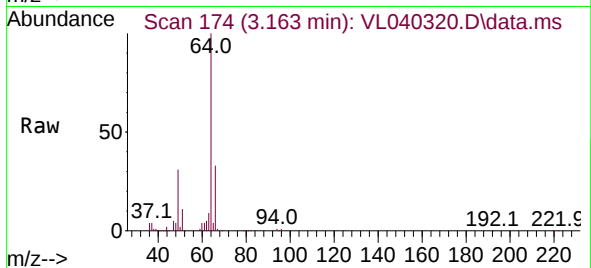
Tgt Ion: 94 Resp: 220067
 Ion Ratio Lower Upper
 94 100
 96 92.9 73.7 110.5





#7
Chloroethane
Concen: 9.911 ppbv
RT: 3.163 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

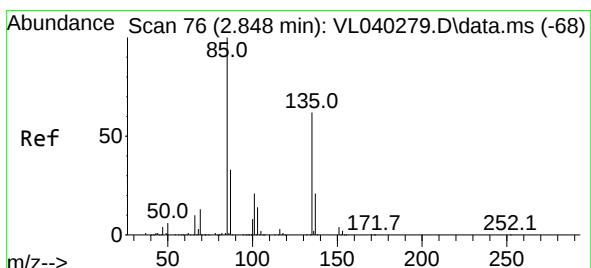
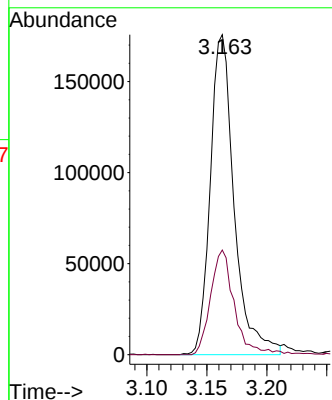
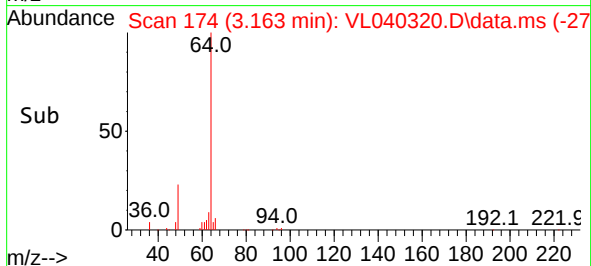
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



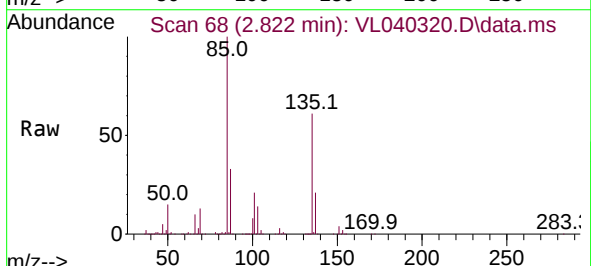
Tgt Ion: 64 Resp: 243086
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3

Manual Integrations
APPROVED

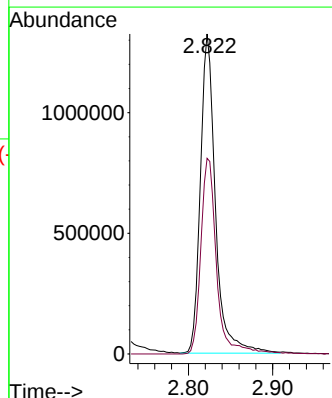
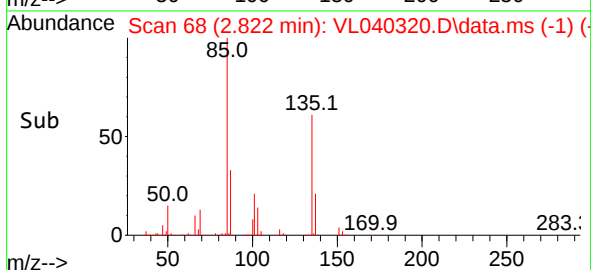
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

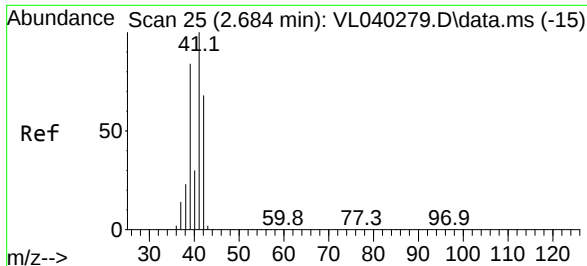


#8
Dichlorotetrafluoroethane
Concen: 9.659 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.026 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



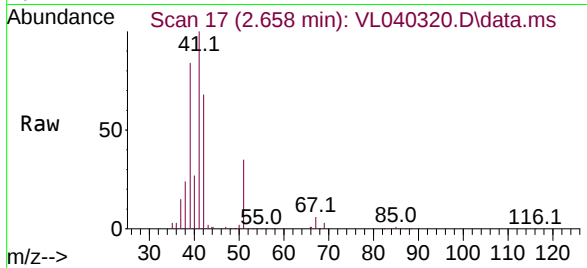
Tgt Ion: 85 Resp: 1648345
Ion Ratio Lower Upper
85 100
135 64.3 52.0 78.0





#9
 Propene
 Concen: 9.700 ppbv
 RT: 2.658 min Scan# 11
 Delta R.T. -0.026 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

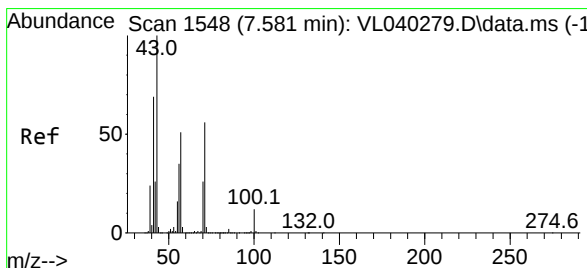
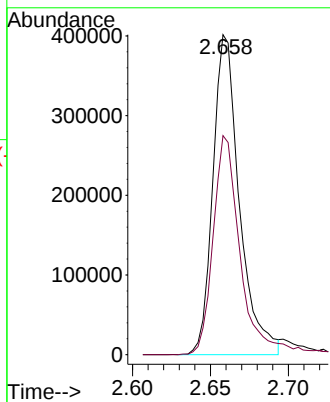
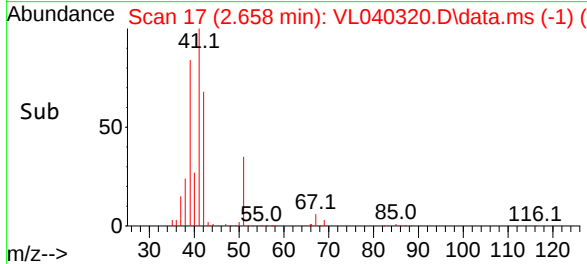
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABS01



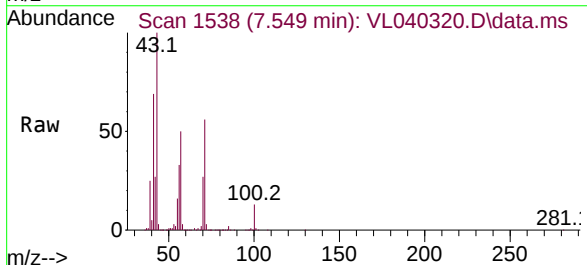
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 Ion Ratio Lower Upper
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 42 71.7 59.0 88.4

Manual Integrations
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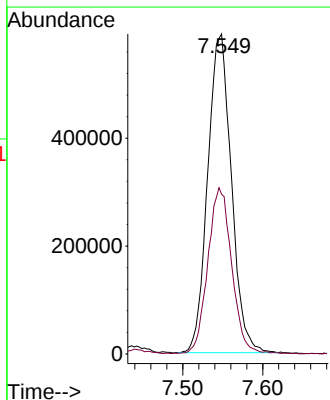
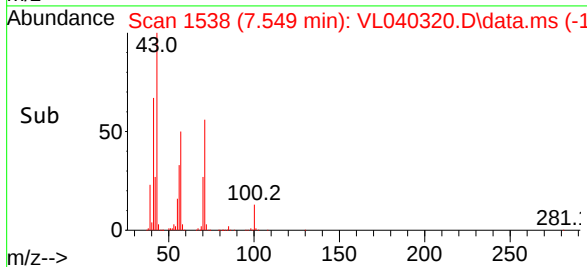
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#10
 Heptane
 Concen: 10.325 ppbv
 RT: 7.549 min Scan# 1538
 Delta R.T. -0.032 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49



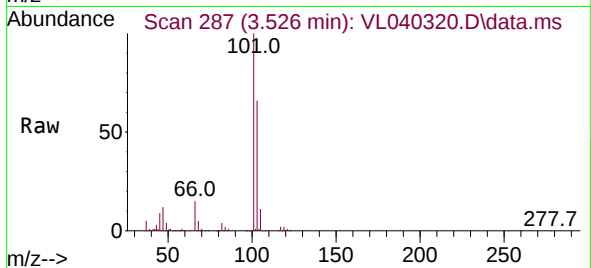
Tgt Ion: 43 Resp: 1215603
 Ion Ratio Lower Upper
 43 100
 57 52.6 41.7 62.5





#11
 Trichlorofluoromethane
 Concen: 9.160 ppbv
 RT: 3.526 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

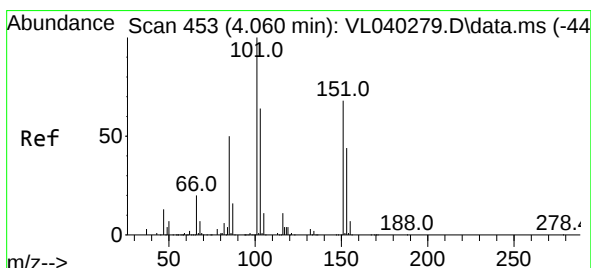
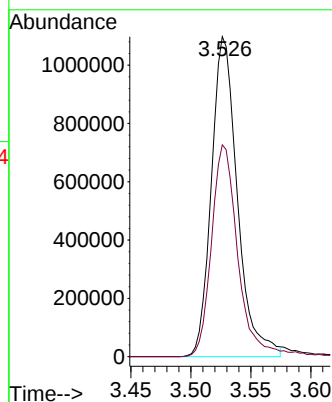
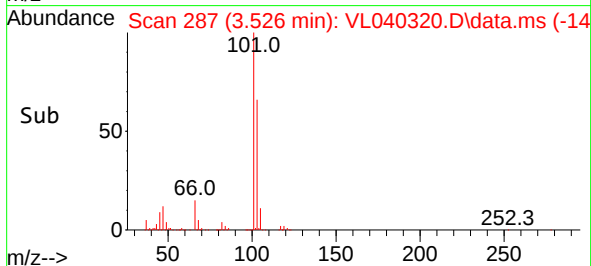
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABS01



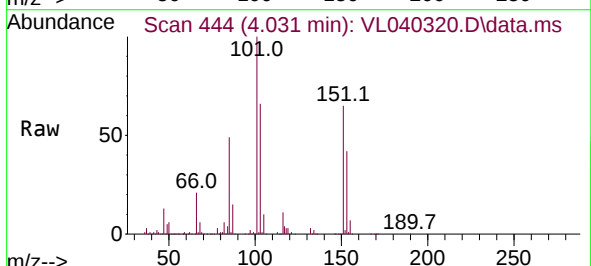
Tgt Ion:101 Resp: 1654530
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.1 79.7

Manual Integrations
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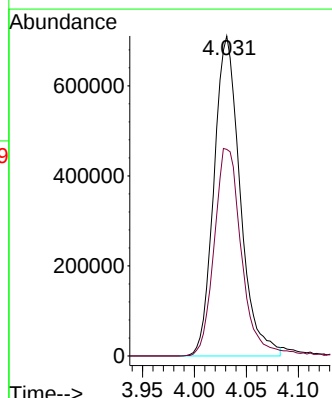
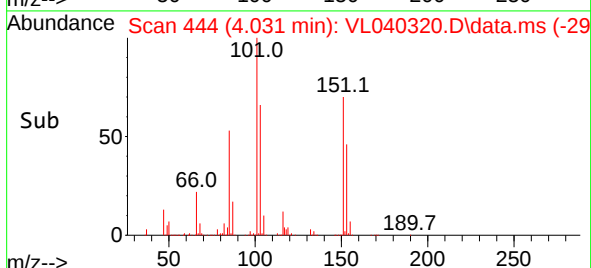
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

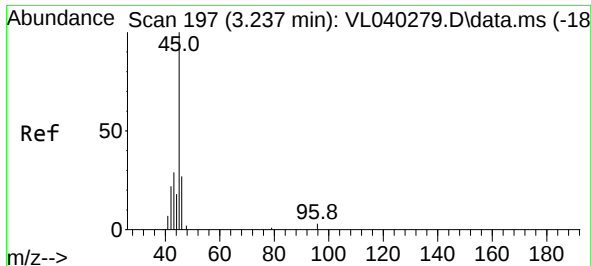


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.186 ppbv
 RT: 4.031 min Scan# 444
 Delta R.T. -0.029 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49



Tgt Ion:101 Resp: 1246175
 Ion Ratio Lower Upper
 101 100
 151 68.5 53.2 79.8





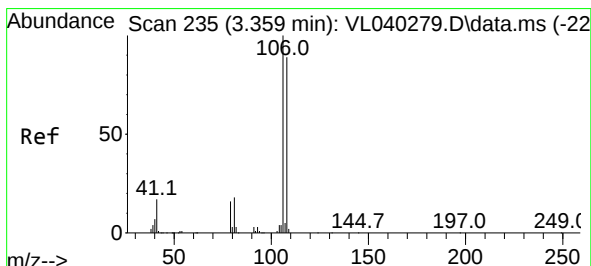
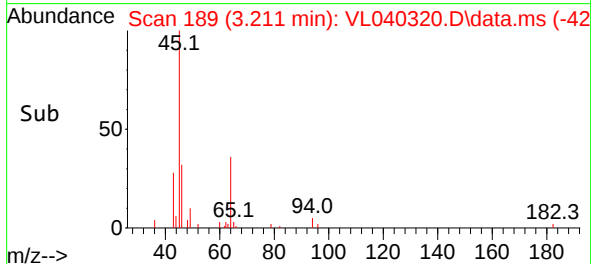
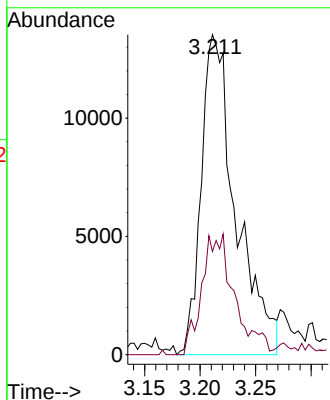
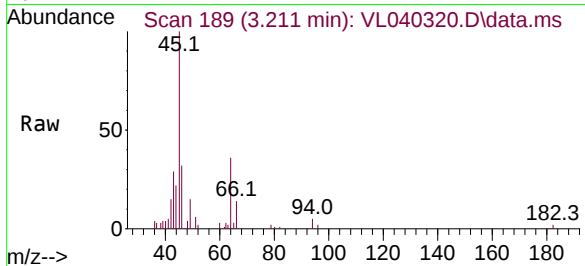
#13
Ethanol
Concen: 8.179 ppbv m
RT: 3.211 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01

Tgt Ion: 45 Resp: 2936
Ion Ratio Lower Upper
45 100
46 37.0 15.0 60.2

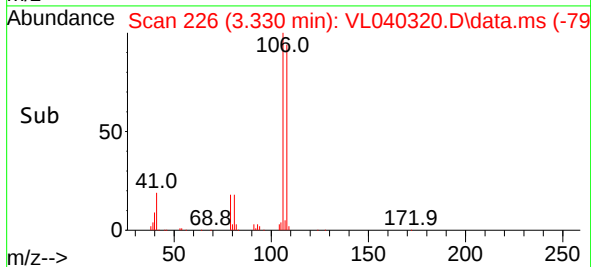
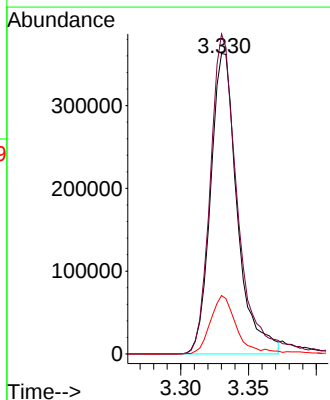
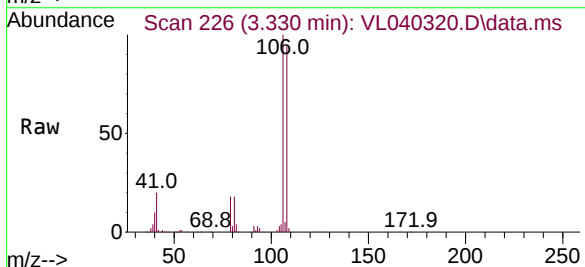
Manual Integrations
APPROVED

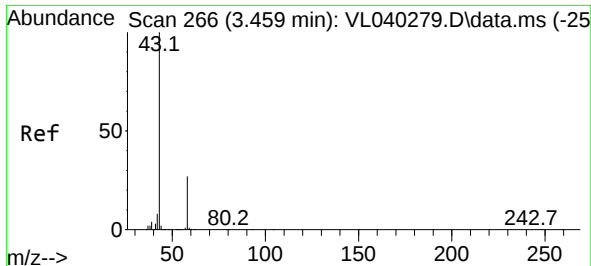
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#14
Bromoethene
Concen: 9.847 ppbv
RT: 3.330 min Scan# 226
Delta R.T. -0.029 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Tgt Ion:108 Resp: 498297
Ion Ratio Lower Upper
108 100
106 110.8 85.8 128.8
79 19.9 15.8 23.6





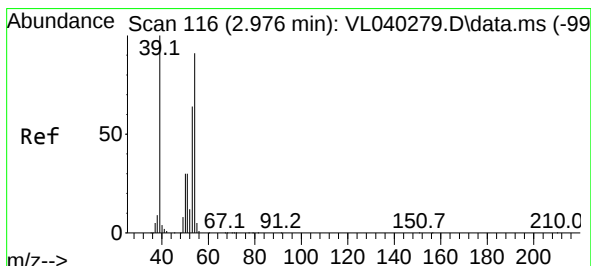
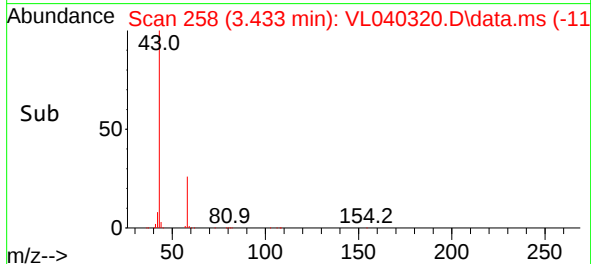
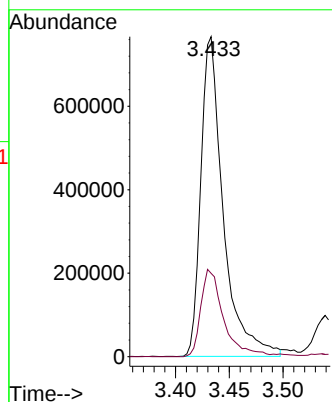
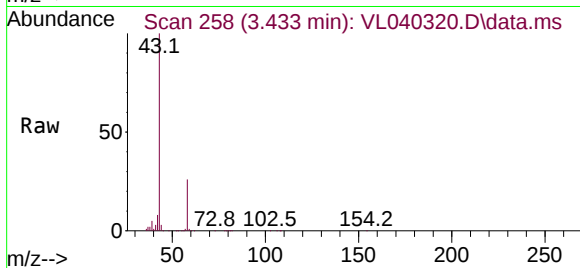
#15
Acetone
Concen: 8.977 ppbv
RT: 3.433 min Scan# 211
Delta R.T. -0.026 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01

Tgt Ion: 43 Resp: 111051
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.8

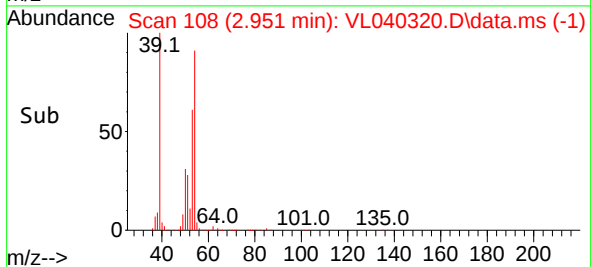
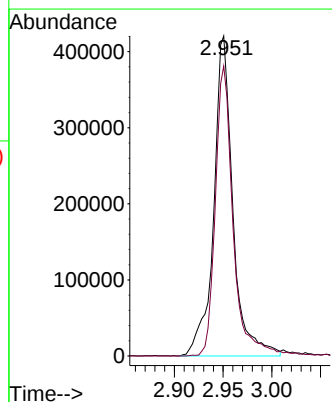
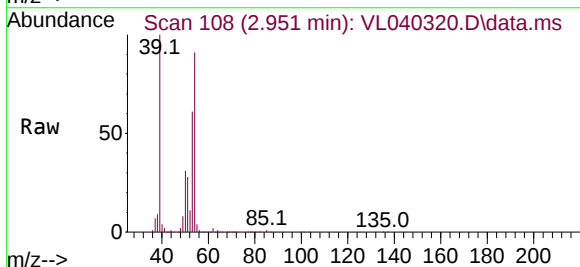
Manual Integrations
APPROVED

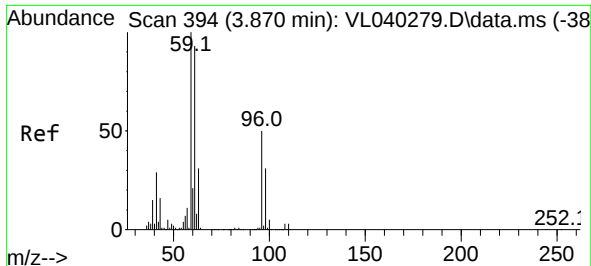
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#16
1,3-Butadiene
Concen: 10.242 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.025 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Tgt Ion: 39 Resp: 575904
Ion Ratio Lower Upper
39 100
54 84.7 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.637 ppbv

RT: 3.841 min Scan# 385

Delta R.T. -0.029 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABS01

Tgt Ion: 59 Resp: 125054

Ion Ratio Lower Upper

59 100

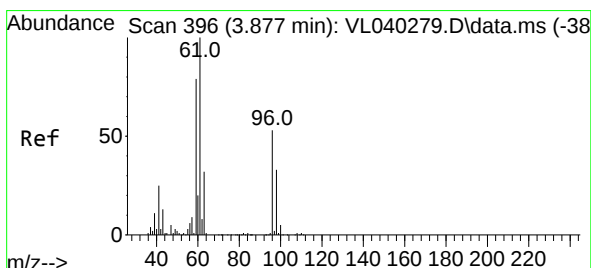
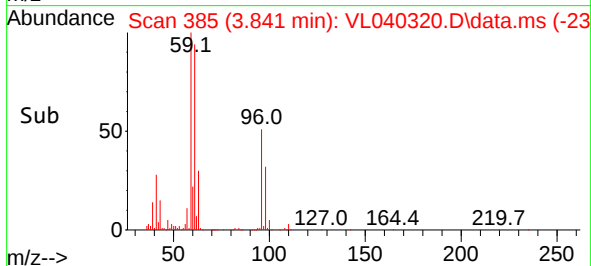
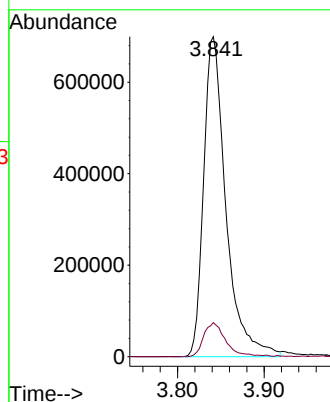
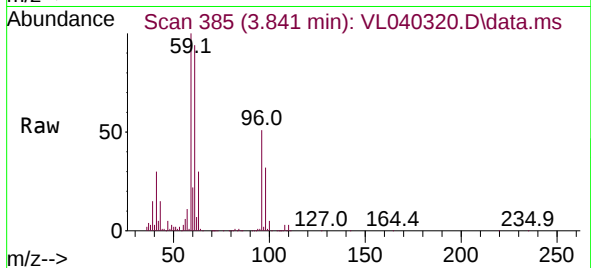
57 10.8 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#18

1,1-Dichloroethene

Concen: 9.592 ppbv

RT: 3.845 min Scan# 386

Delta R.T. -0.032 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

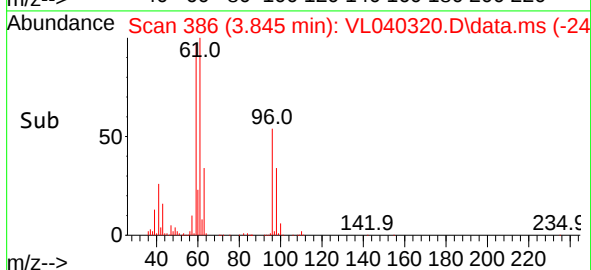
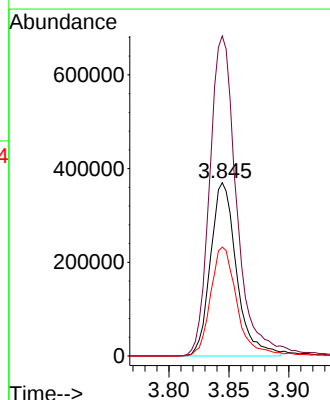
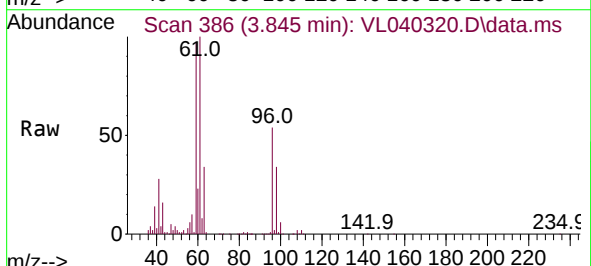
Tgt Ion: 96 Resp: 558200

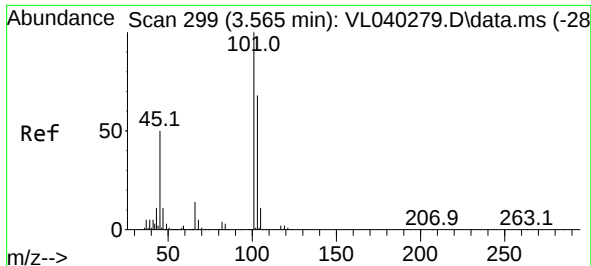
Ion Ratio Lower Upper

96 100

61 184.5 150.6 226.0

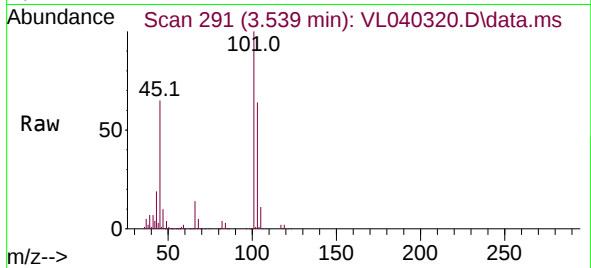
98 62.7 50.3 75.5





#19
Isopropyl Alcohol
Concen: 9.597 ppbv
RT: 3.539 min Scan# 299
Delta R.T. -0.026 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

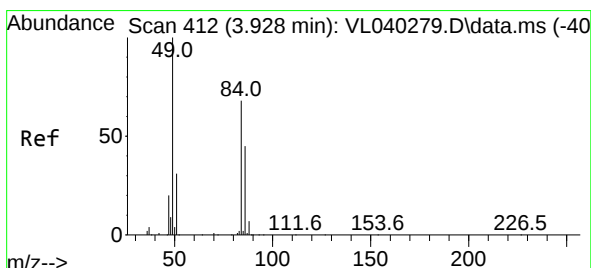
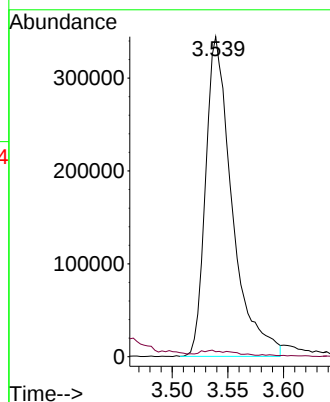
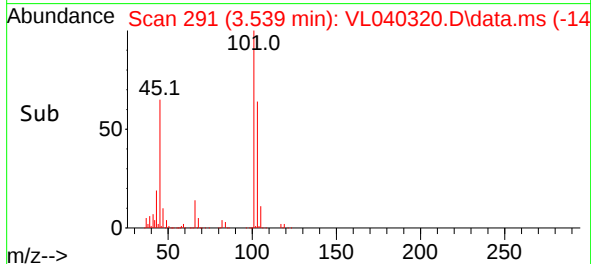
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



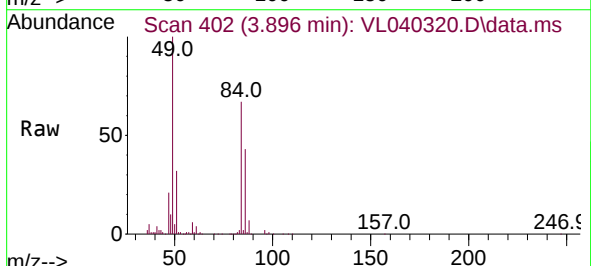
Tgt Ion: 45 Resp: 568678
Ion Ratio Lower Upper
45 100
58 2.8 2.7 4.1

Manual Integrations
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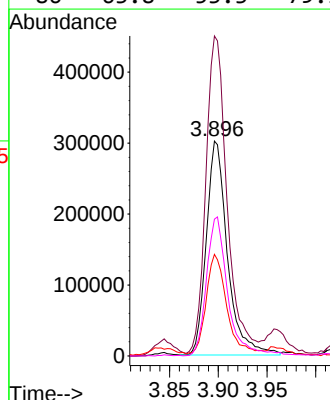
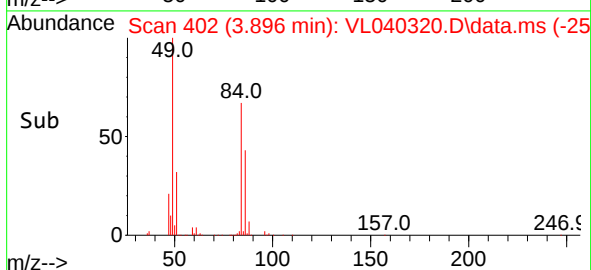
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

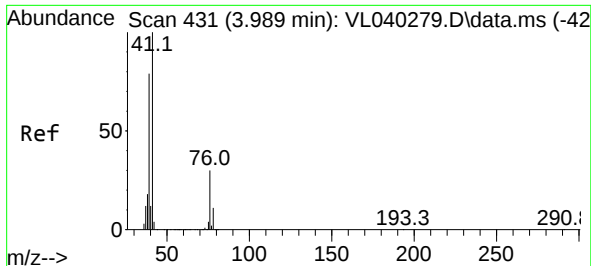


#20
Methylene Chloride
Concen: 8.791 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.032 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



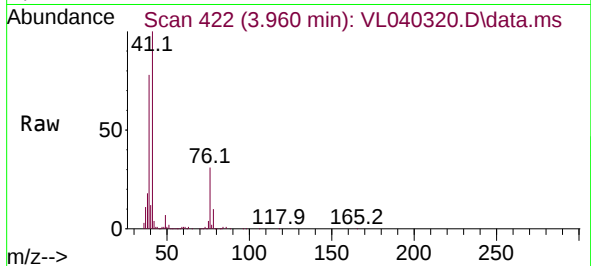
Tgt Ion: 84 Resp: 457479
Ion Ratio Lower Upper
84 100
49 147.3 117.5 176.3
51 46.0 36.9 55.3
86 63.8 53.3 79.9





#21
 Allyl Chloride
 Concen: 9.871 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

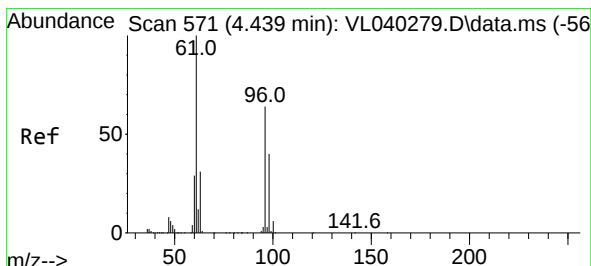
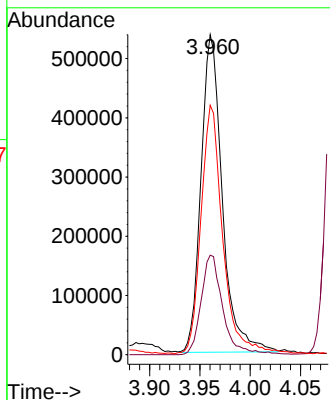
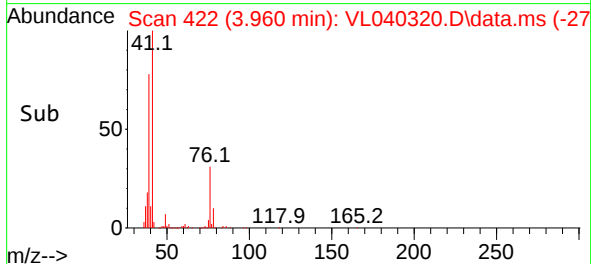
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABS01



Tgt Ion: 41 Resp: 79095
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.4 38.0
 39 79.6 65.4 98.2

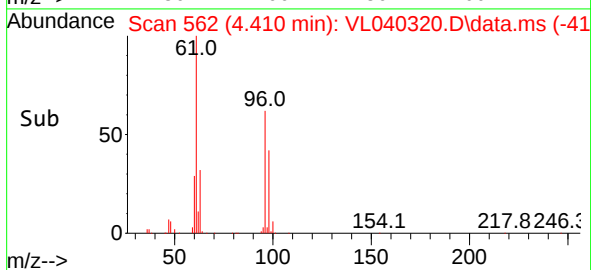
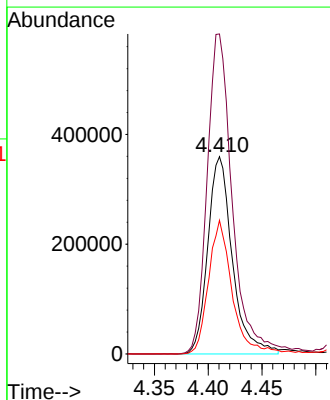
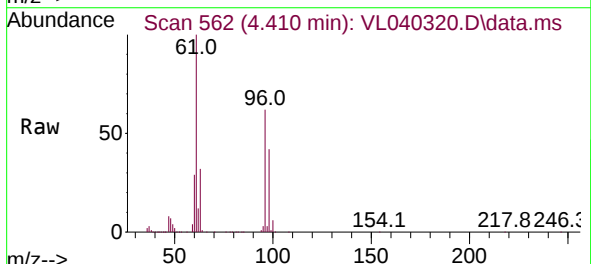
Manual Integrations
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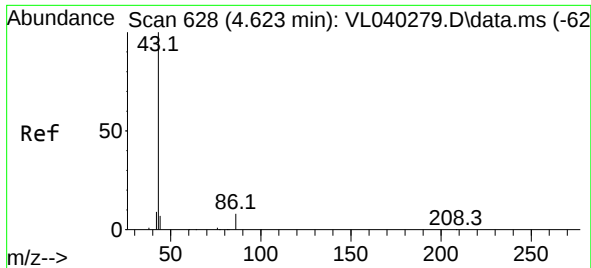
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.665 ppbv
 RT: 4.410 min Scan# 562
 Delta R.T. -0.029 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

Tgt Ion: 96 Resp: 572477
 Ion Ratio Lower Upper
 96 100
 61 162.2 125.4 188.2
 98 67.7 49.8 74.6





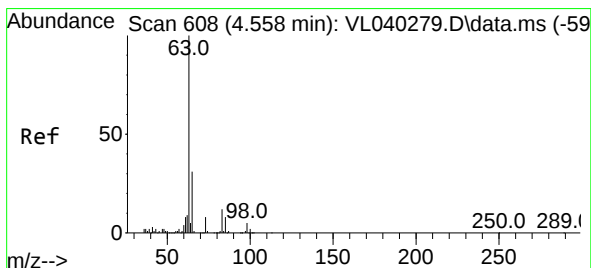
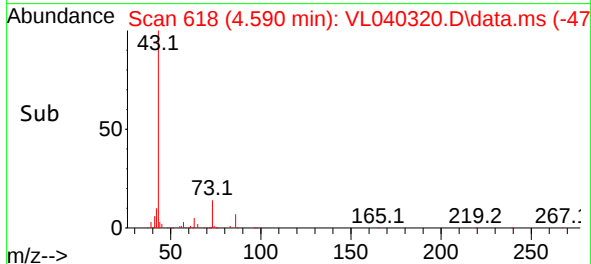
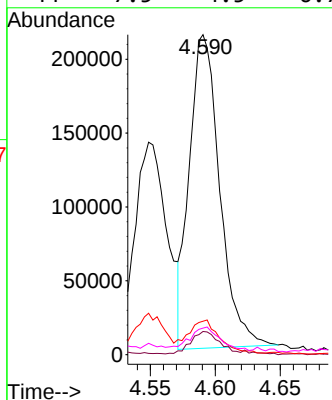
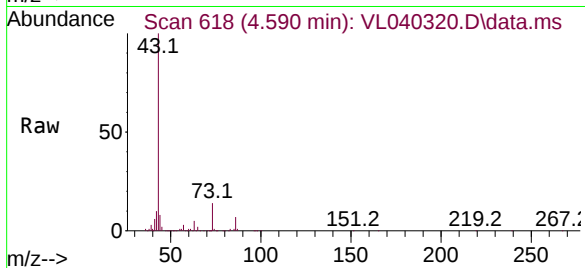
#23
 Vinyl Acetate
 Concen: 10.018 ppbv
 RT: 4.590 min Scan# 618
 Delta R.T. -0.033 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABS01

Tgt Ion: 43 Resp: 344790
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.0 7.4
 42 10.1 9.1 13.7
 44 7.5 4.5 6.7

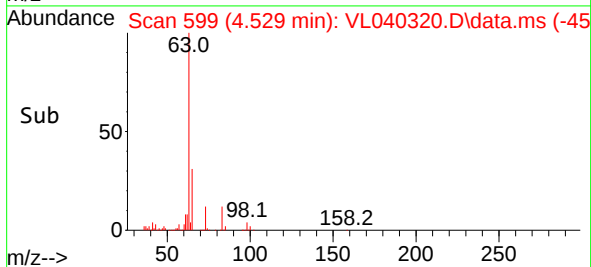
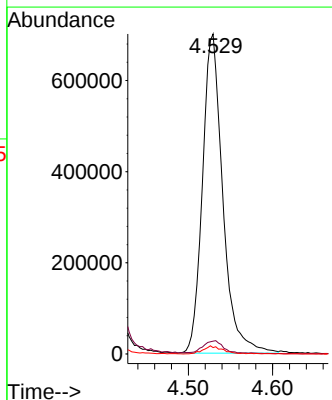
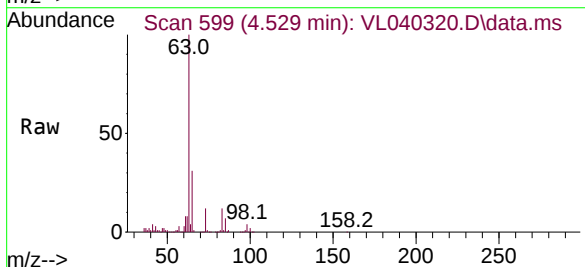
Manual Integrations
 APPROVED

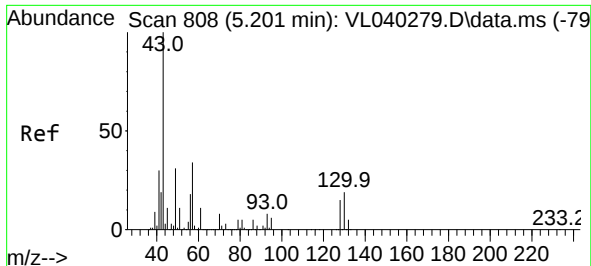
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#24
 1,1-Dichloroethane
 Concen: 9.590 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. -0.029 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

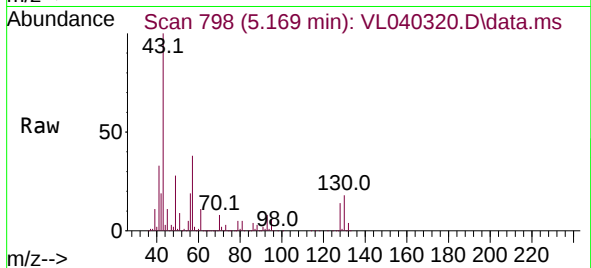
Tgt Ion: 63 Resp: 1177176
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.4 7.2
 100 1.9 1.2 3.6





#25
Ethyl Acetate
Concen: 9.667 ppbv
RT: 5.169 min Scan# 79
Delta R.T. -0.032 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

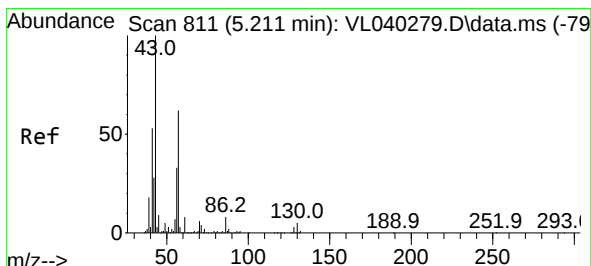
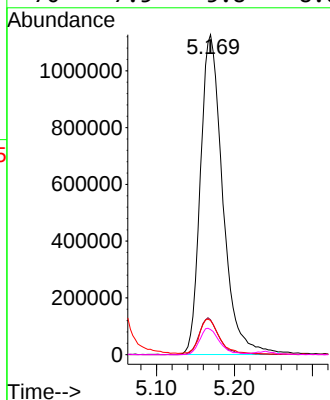
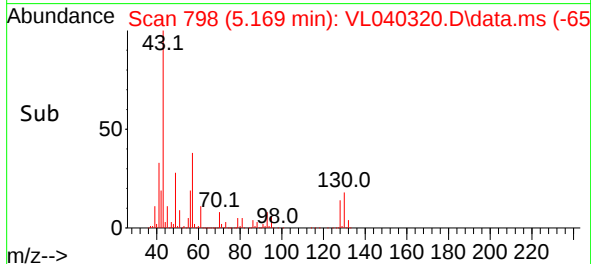
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



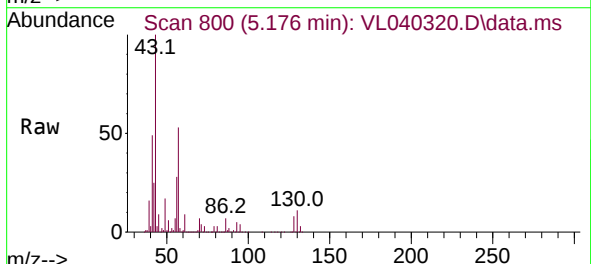
Tgt Ion: 43 Resp: 223822
Ion Ratio Lower Upper
43 100
45 10.6 8.6 12.8
61 10.7 8.4 12.6
70 7.5 5.8 8.6

Manual Integrations
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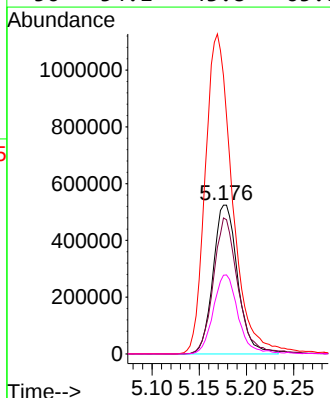
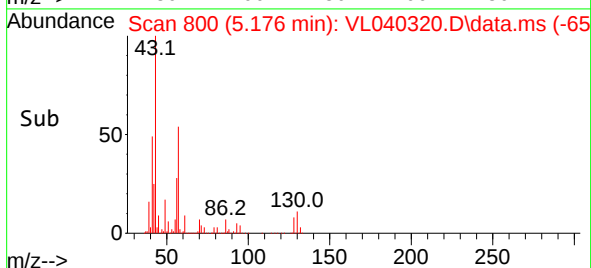
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

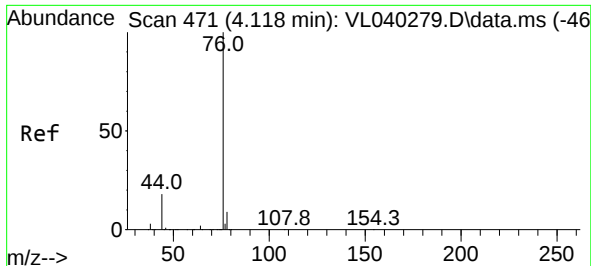


#26
Hexane
Concen: 9.994 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.035 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



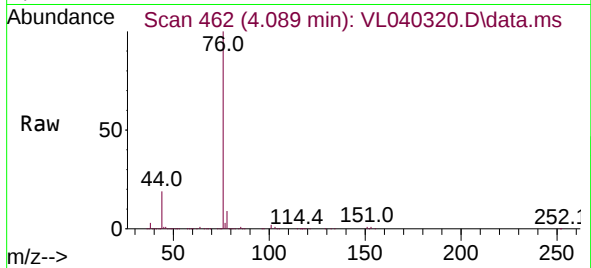
Tgt Ion: 57 Resp: 950059
Ion Ratio Lower Upper
57 100
41 92.5 73.5 110.3
43 238.0 196.3 294.5
56 54.1 43.8 65.8





#27
Carbon Disulfide
Concen: 10.438 ppbv
RT: 4.089 min Scan# 40
Delta R.T. -0.029 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

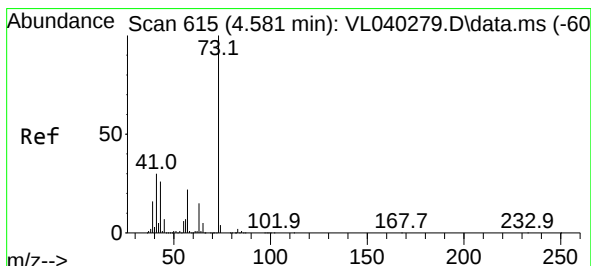
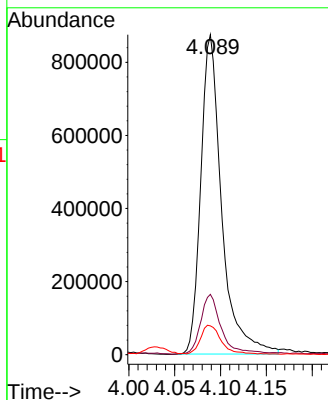
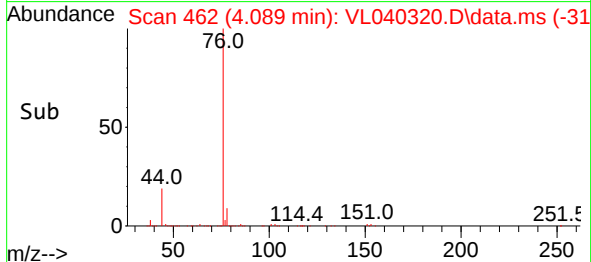
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



Tgt Ion: 76 Resp: 1385979
Ion Ratio Lower Upper
76 100
44 18.9 15.2 22.8
78 9.5 7.6 11.4

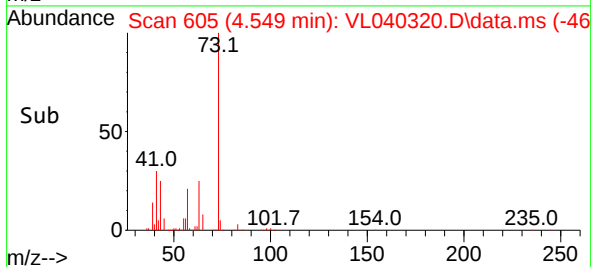
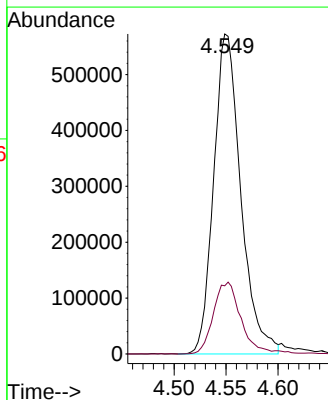
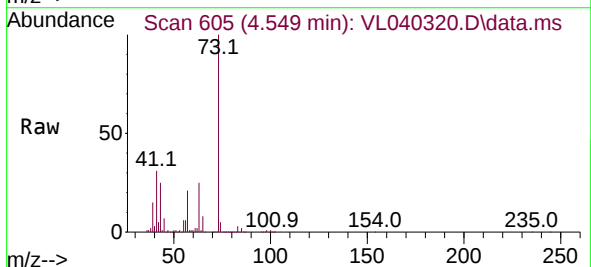
Manual Integrations
APPROVED

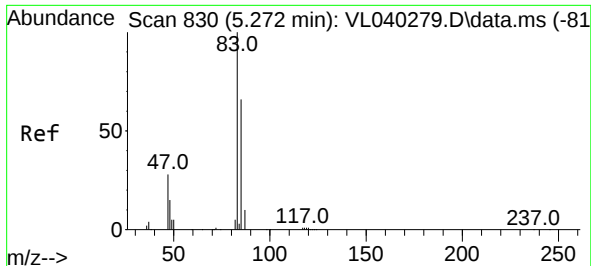
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#28
Methyl tert-Butyl Ether
Concen: 9.526 ppbv
RT: 4.549 min Scan# 605
Delta R.T. -0.032 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

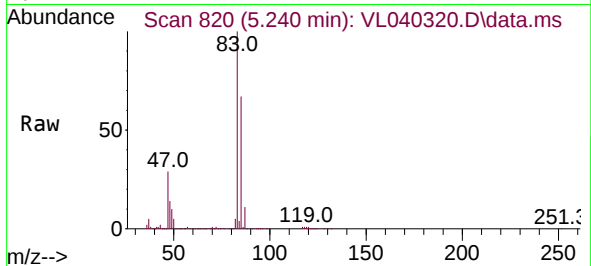
Tgt Ion: 73 Resp: 1039774
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6





#29
Chloroform
Concen: 9.944 ppbv
RT: 5.240 min Scan# 81
Delta R.T. -0.032 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

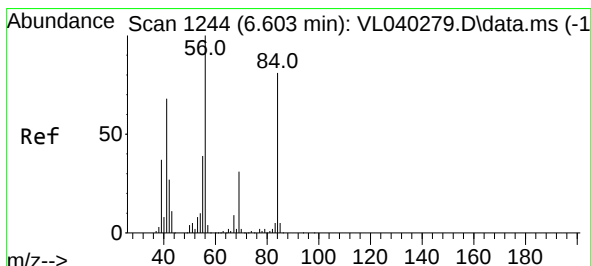
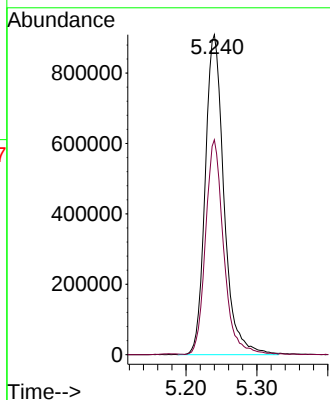
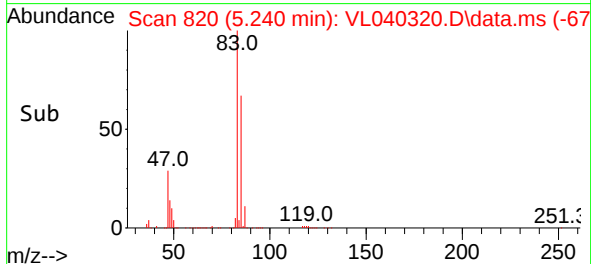
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



Tgt Ion: 83 Resp: 166935
Ion Ratio Lower Upper
83 100
85 67.0 52.8 79.2

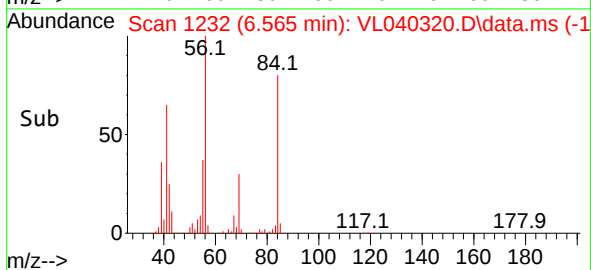
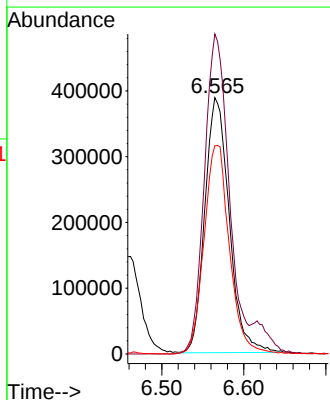
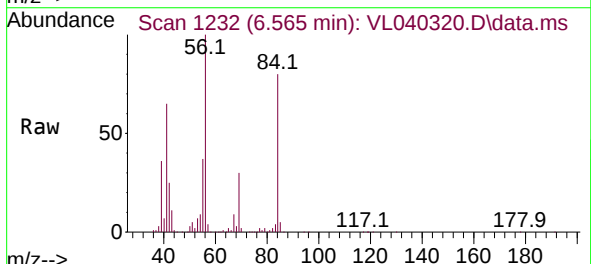
Manual Integrations
APPROVED

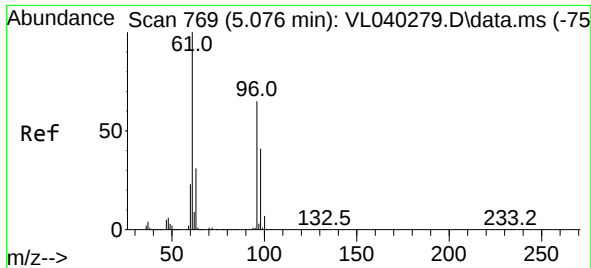
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#30
Cyclohexane
Concen: 10.708 ppbv
RT: 6.565 min Scan# 1232
Delta R.T. -0.038 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

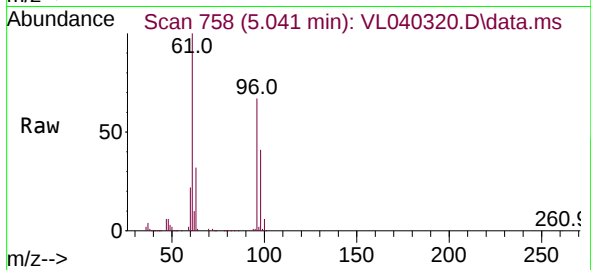
Tgt Ion: 84 Resp: 802164
Ion Ratio Lower Upper
84 100
56 135.2 109.0 163.4
41 85.3 67.9 101.9





#31
 cis-1,2-Dichloroethene
 Concen: 10.303 ppbv
 RT: 5.041 min Scan# 701
 Delta R.T. -0.035 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

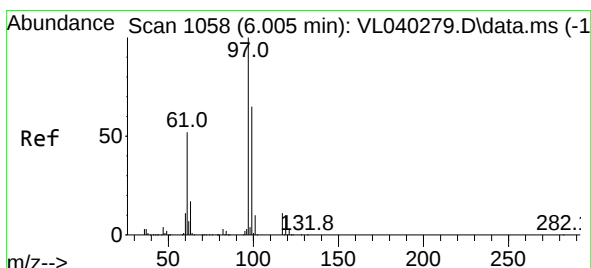
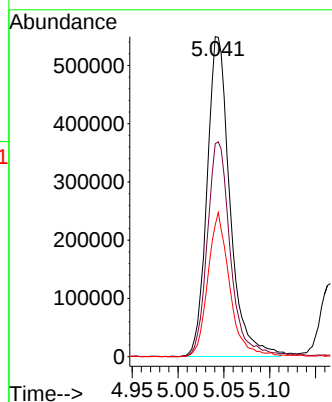
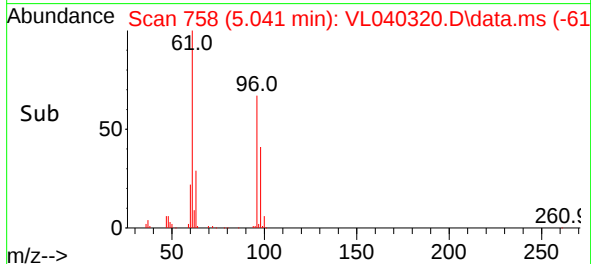
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABS01



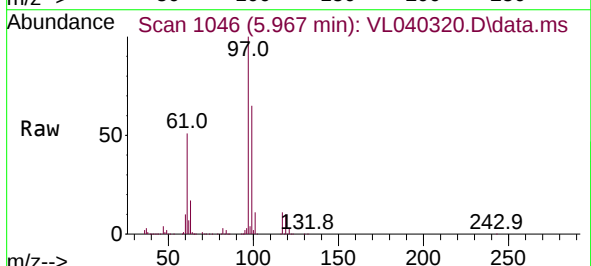
Tgt Ion: 61 Resp: 95385
 Ion Ratio Lower Upper
 61 100
 96 66.6 51.8 77.8
 98 41.1 32.5 48.7

Manual Integrations
 APPROVED

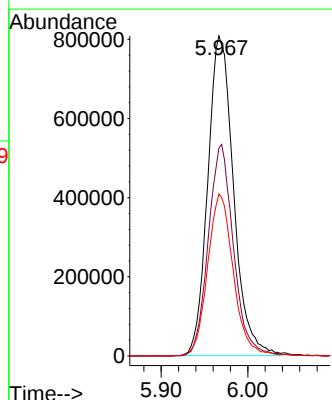
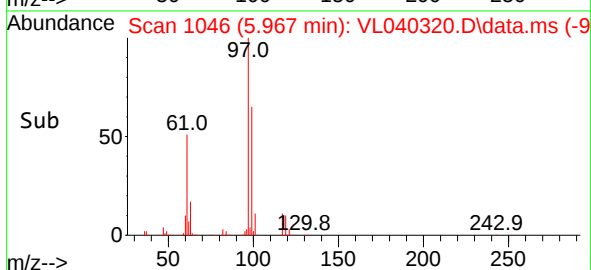
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

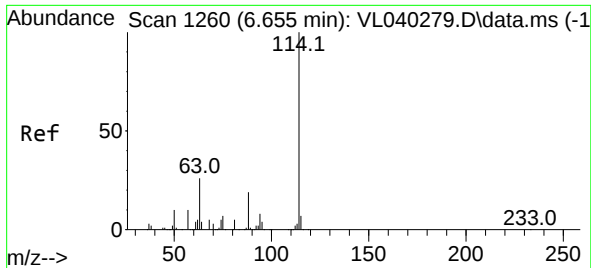


#32
 1,1,1-Trichloroethane
 Concen: 10.403 ppbv
 RT: 5.967 min Scan# 1046
 Delta R.T. -0.038 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49



Tgt Ion: 97 Resp: 1673037
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.2 78.2
 61 50.6 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 11

Delta R.T. -0.036 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABS01

Tgt Ion:114 Resp: 255866

Ion Ratio Lower Upper

114 100

63 26.1 21.2 31.8

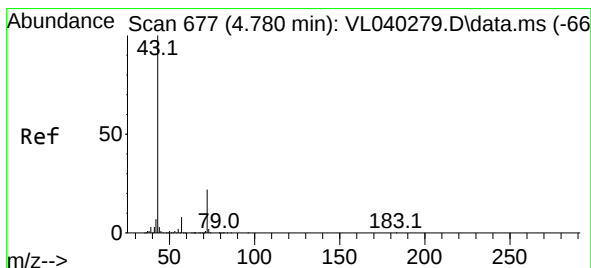
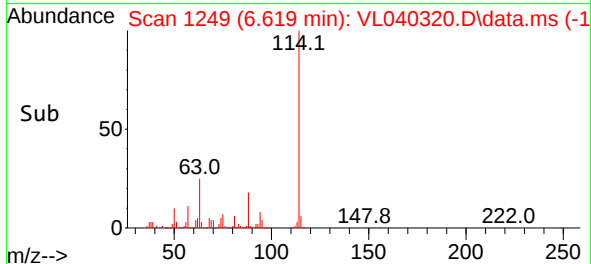
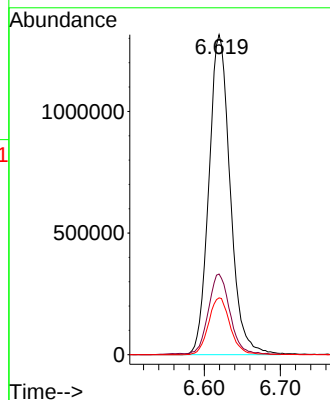
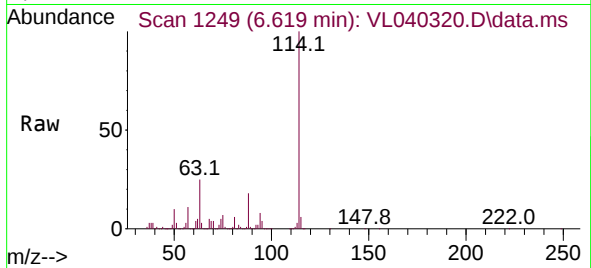
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#34

2-Butanone

Concen: 9.813 ppbv

RT: 4.751 min Scan# 668

Delta R.T. -0.029 min

Lab File: VL040320.D

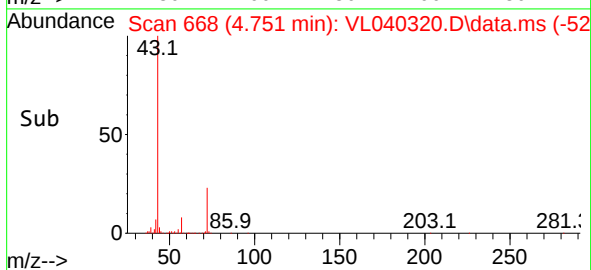
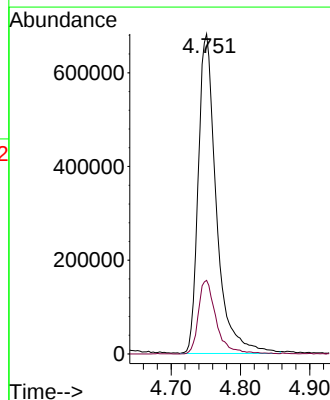
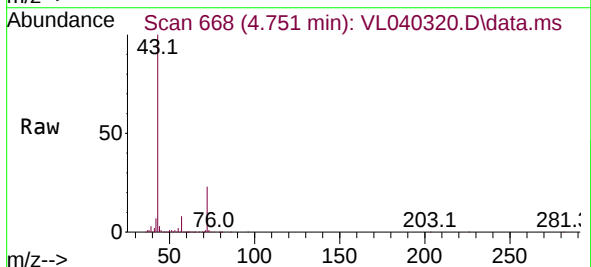
Acq: 10 Apr 2023 11:49

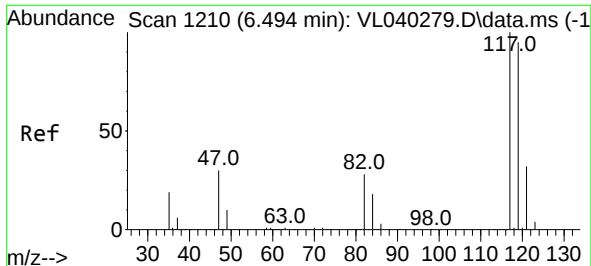
Tgt Ion: 43 Resp: 1239184

Ion Ratio Lower Upper

43 100

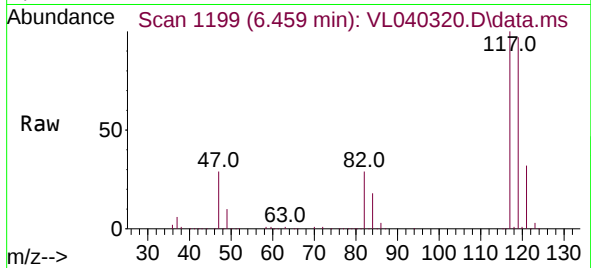
72 22.8 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.742 ppbv
RT: 6.459 min Scan# 1119
Delta R.T. -0.035 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

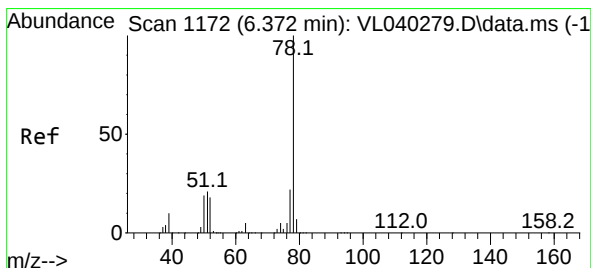
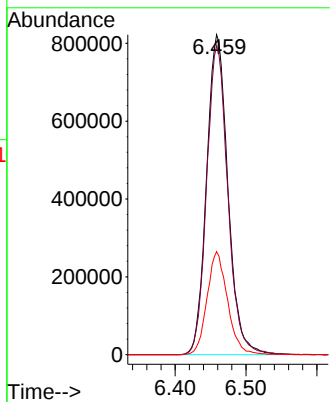
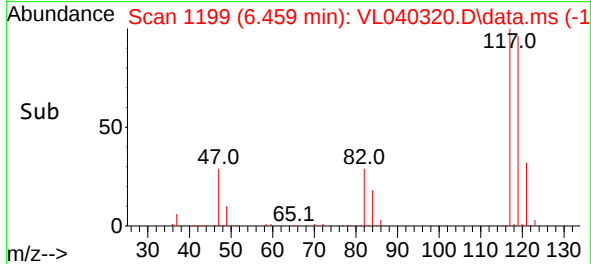
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



Tgt Ion: 117 Resp: 1724872
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
121 32.2 25.6 38.4

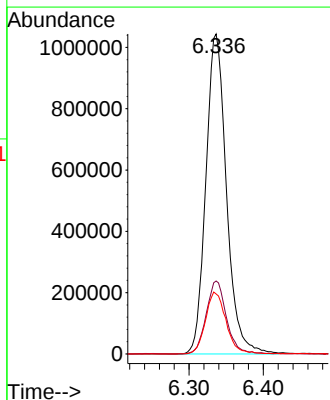
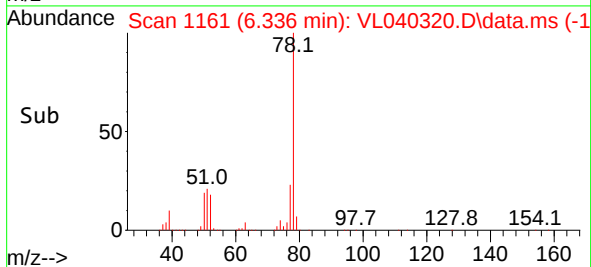
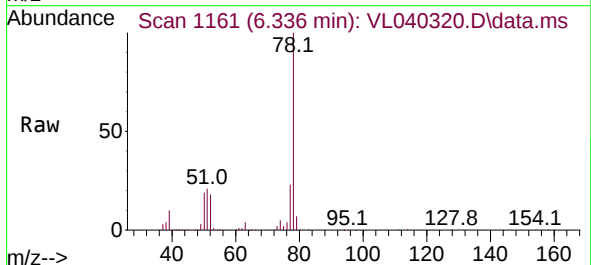
Manual Integrations
APPROVED

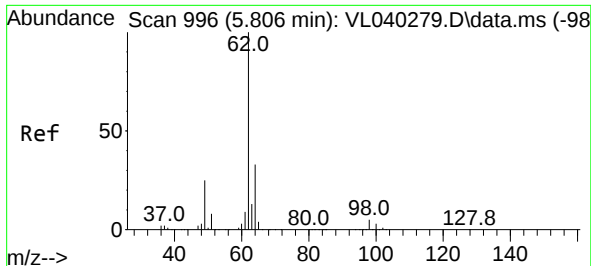
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#36
Benzene
Concen: 10.316 ppbv
RT: 6.336 min Scan# 1161
Delta R.T. -0.036 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

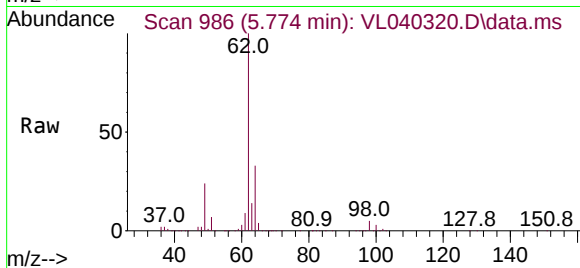
Tgt Ion: 78 Resp: 2011615
Ion Ratio Lower Upper
78 100
77 22.8 17.8 26.8
50 18.7 15.4 23.2





#37
1,2-Dichloroethane
Concen: 10.091 ppbv
RT: 5.774 min Scan# 91
Delta R.T. -0.032 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

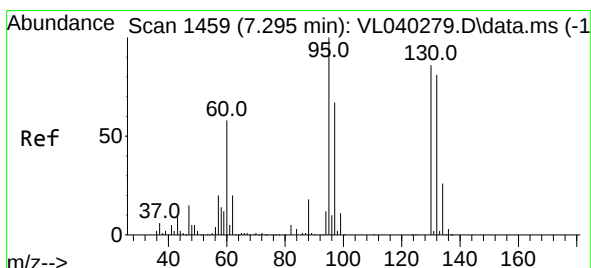
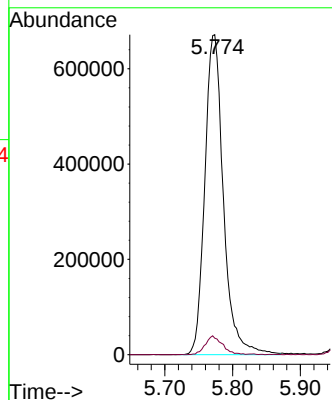
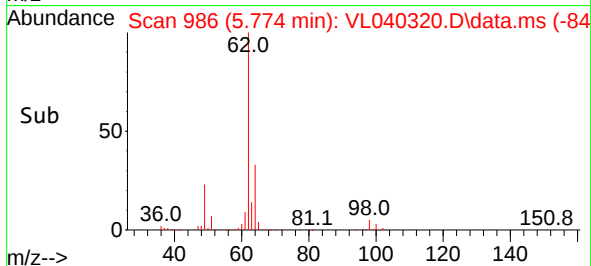
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



Tgt Ion: 62 Resp: 128070
Ion Ratio Lower Upper
62 100
98 5.5 4.3 6.5

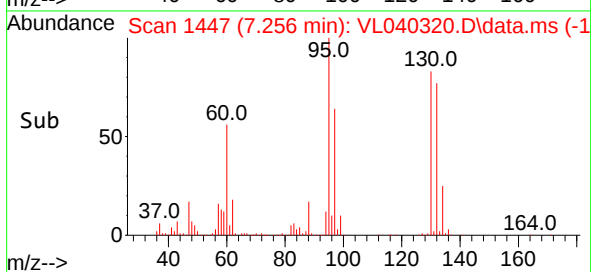
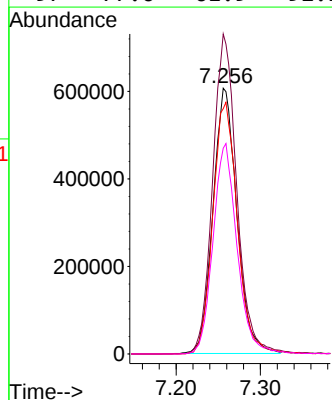
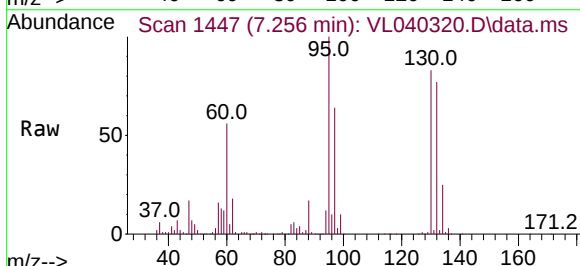
Manual Integrations
APPROVED

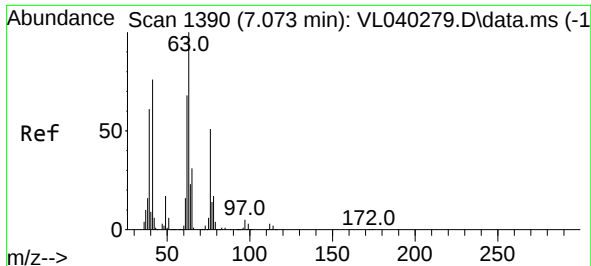
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#38
Trichloroethene
Concen: 11.227 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.039 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Tgt Ion:130 Resp: 1196278
Ion Ratio Lower Upper
130 100
95 120.6 93.0 139.4
132 92.5 75.3 112.9
97 77.6 61.9 92.9





#39

1,2-Dichloropropane

Concen: 10.063 ppbv

RT: 7.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABS01

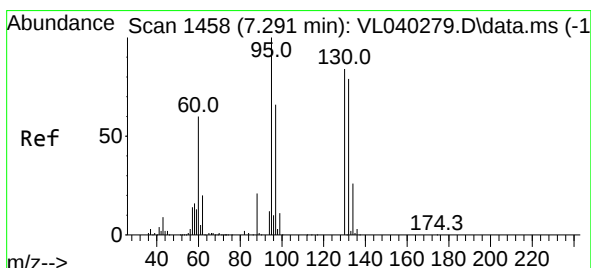
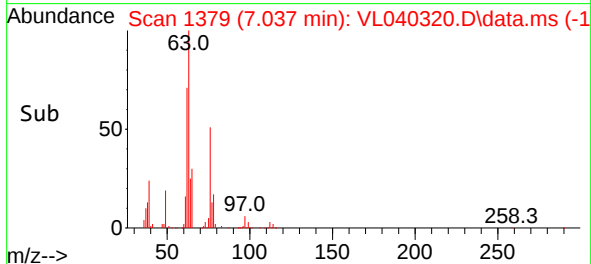
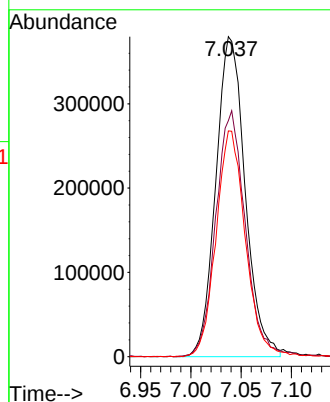
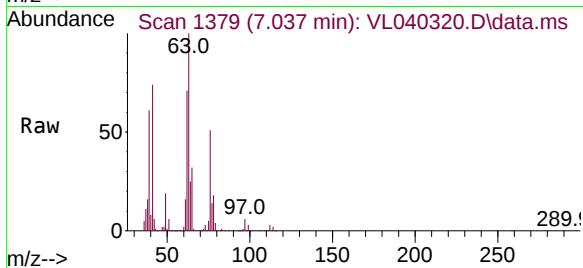
Tgt Ion: 63 Resp: 769820

Ion	Ratio	Lower	Upper
63	100		
41	73.5	60.8	91.2
62	70.4	54.1	81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#40

1,4-Dioxane

Concen: 9.613 ppbv

RT: 7.253 min Scan# 1446

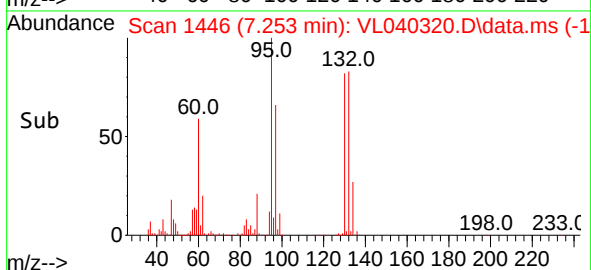
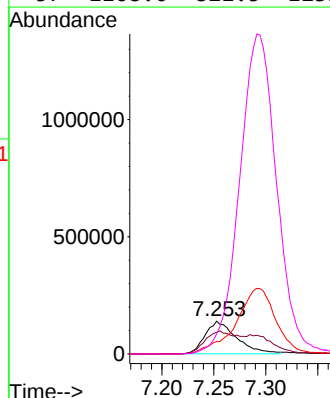
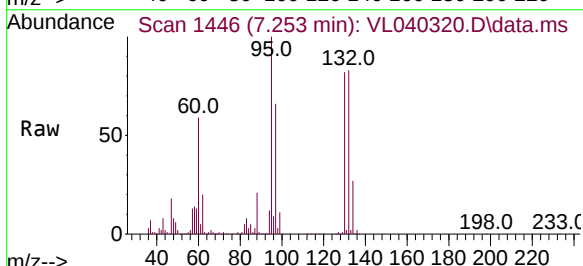
Delta R.T. -0.038 min

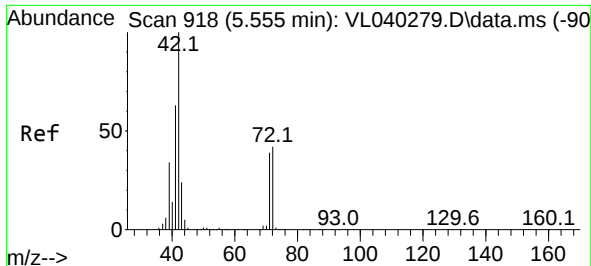
Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Tgt Ion: 88 Resp: 290953

Ion	Ratio	Lower	Upper
88	100		
58	127.7	96.0	144.0
43	257.6	187.6	281.4
57	1168.0	821.5	1232.3





#41

Tetrahydrofuran

Concen: 9.733 ppbv

RT: 5.523 min Scan# 90

Delta R.T. -0.032 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABS01

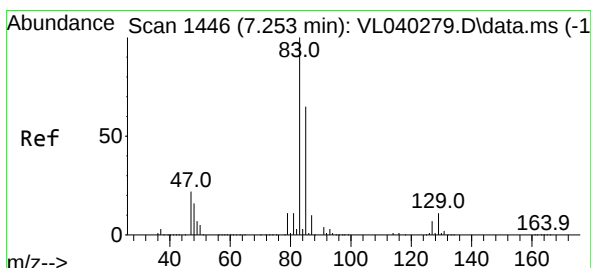
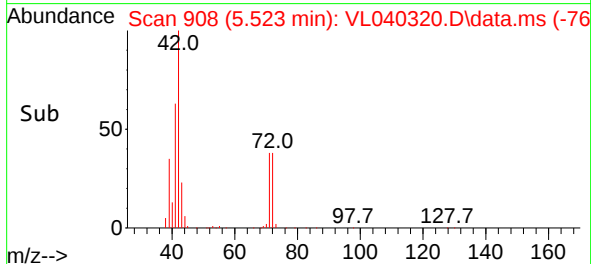
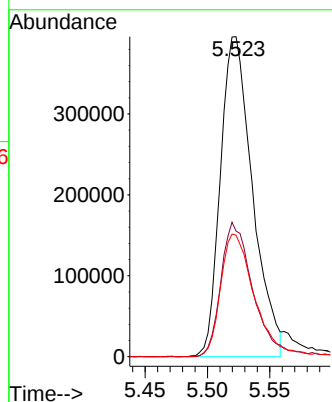
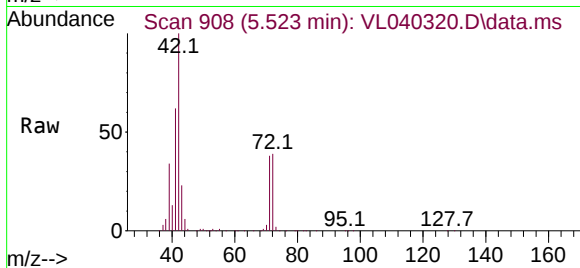
Tgt Ion: 42 Resp: 709320

Ion	Ratio	Lower	Upper
42	100		
72	42.7	32.6	49.0
71	41.0	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#42

Bromodichloromethane

Concen: 10.378 ppbv

RT: 7.214 min Scan# 1434

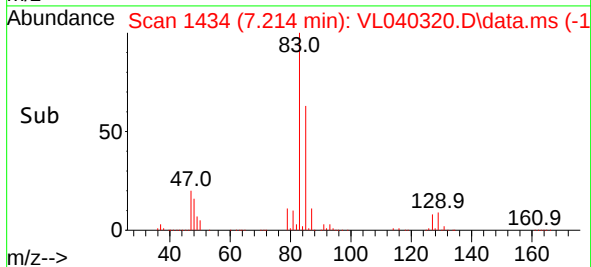
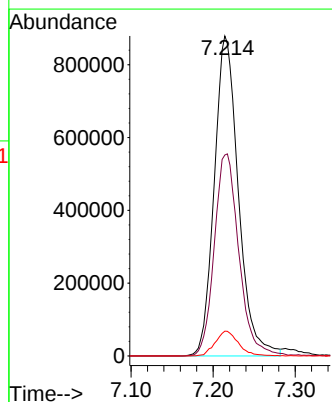
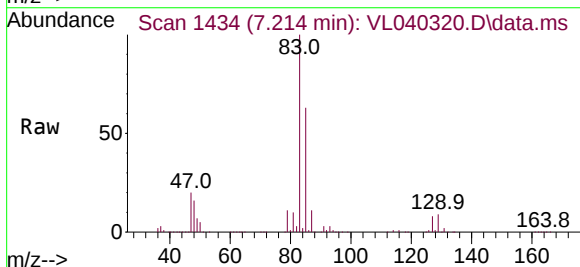
Delta R.T. -0.039 min

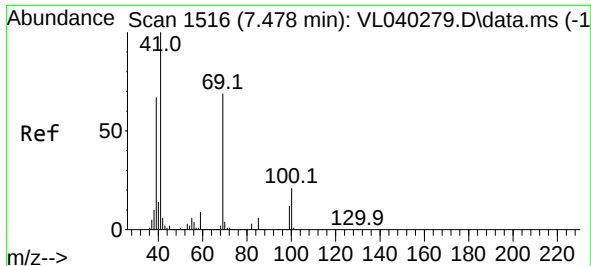
Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Tgt Ion: 83 Resp: 1799870

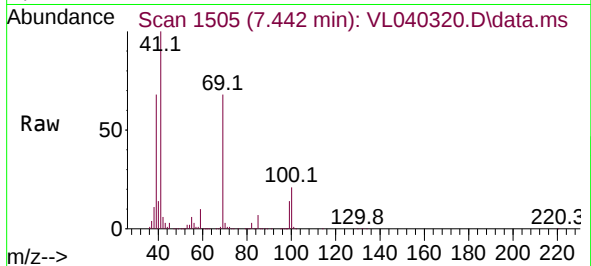
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.1	78.1
127	7.8	5.8	8.6





#43
Methyl Methacrylate
Concen: 11.103 ppbv
RT: 7.442 min Scan# 1458
Delta R.T. -0.036 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

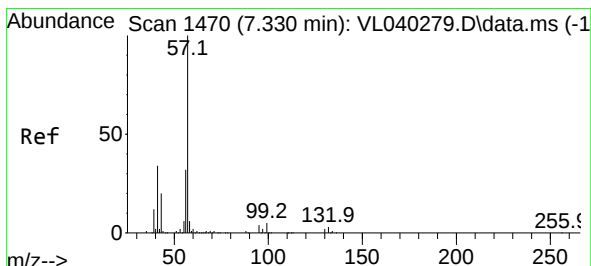
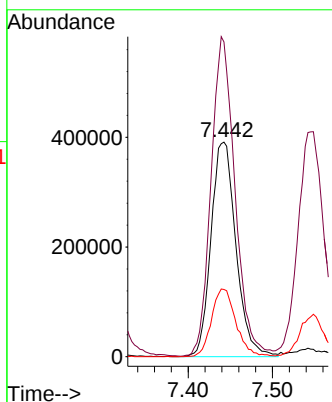
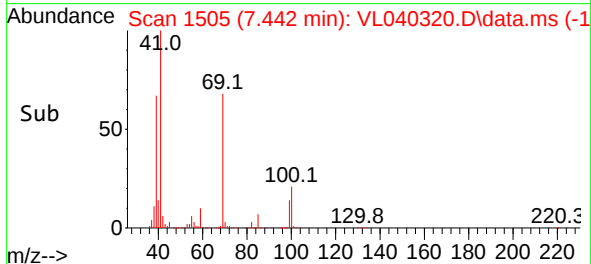
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



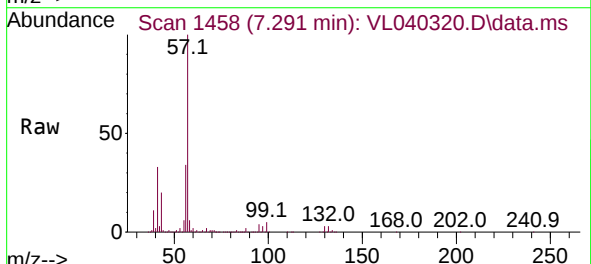
Tgt Ion: 69 Resp: 80453
Ion Ratio Lower Upper
69 100
41 142.7 116.9 175.3
100 30.9 24.2 36.4

Manual Integrations
APPROVED

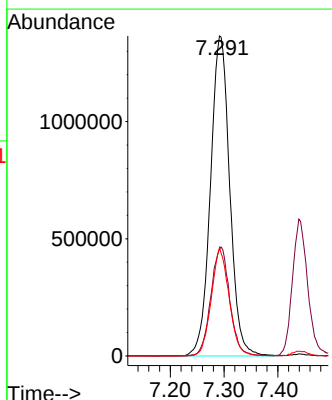
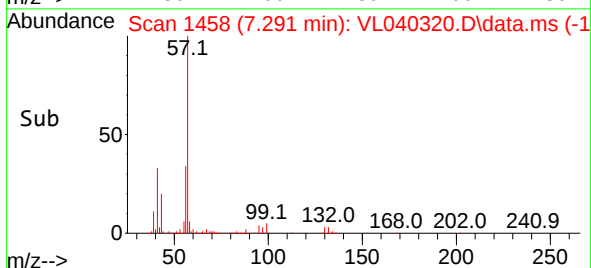
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

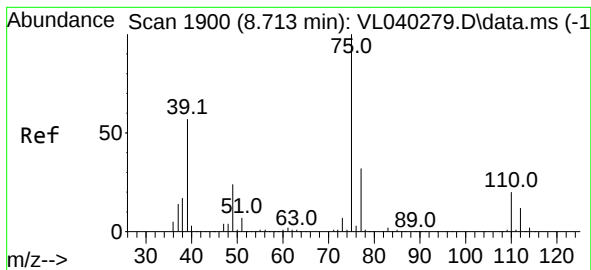


#44
2,2,4-Trimethylpentane
Concen: 10.453 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.039 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



Tgt Ion: 57 Resp: 3398462
Ion Ratio Lower Upper
57 100
41 33.2 26.8 40.2
56 31.3 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 11.933 ppbv

RT: 8.677 min Scan# 11

Delta R.T. -0.036 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABS01

Tgt Ion: 75 Resp: 753780

Ion Ratio Lower Upper

75 100

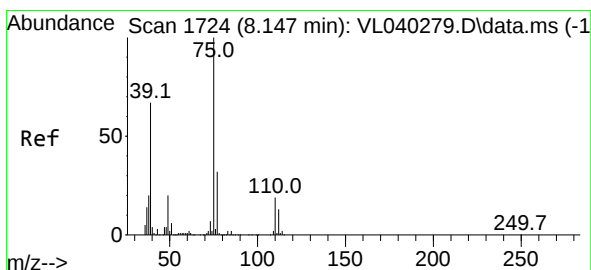
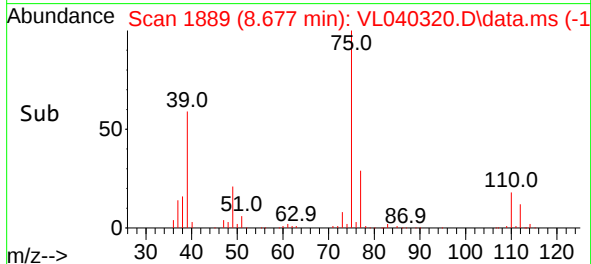
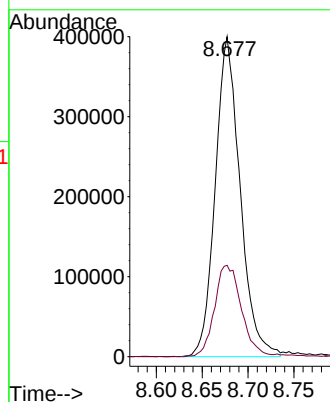
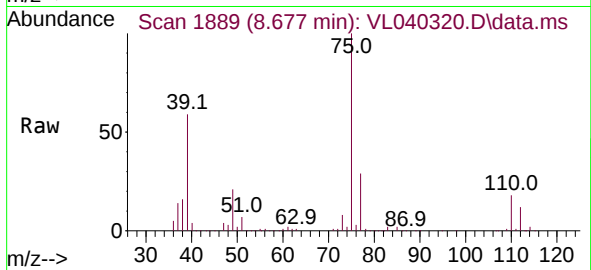
77 28.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#46

cis-1,3-Dichloropropene

Concen: 11.510 ppbv

RT: 8.108 min Scan# 1712

Delta R.T. -0.039 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

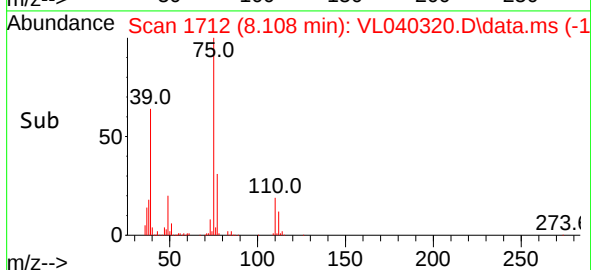
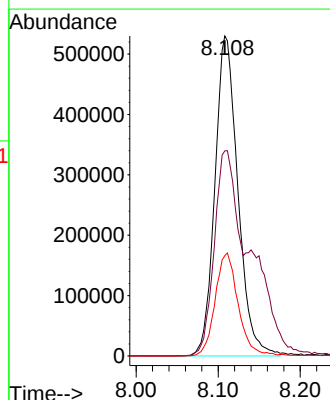
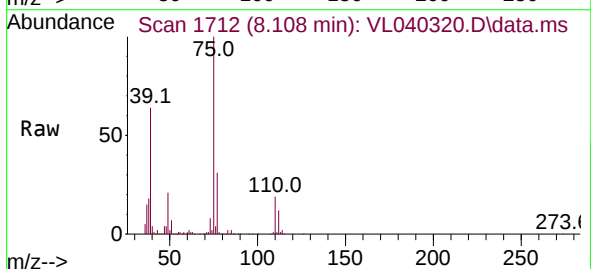
Tgt Ion: 75 Resp: 1032506

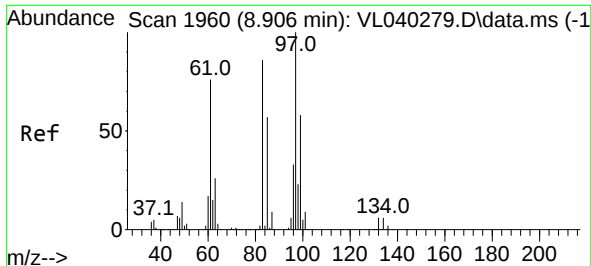
Ion Ratio Lower Upper

75 100

39 64.0 53.9 80.9

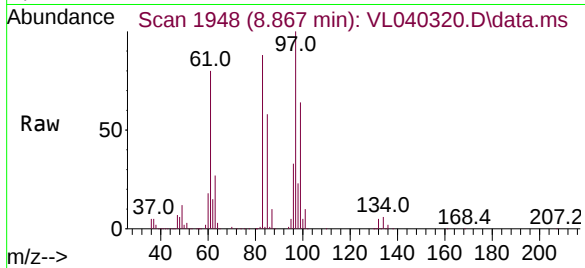
77 31.3 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.965 ppbv
RT: 8.867 min Scan# 1960
Delta R.T. -0.039 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

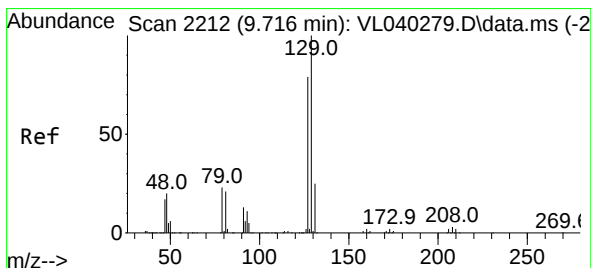
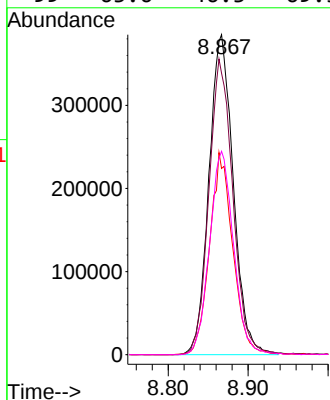
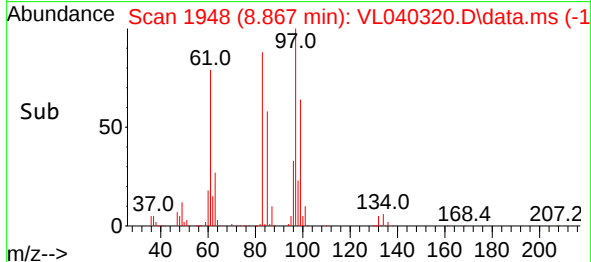
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



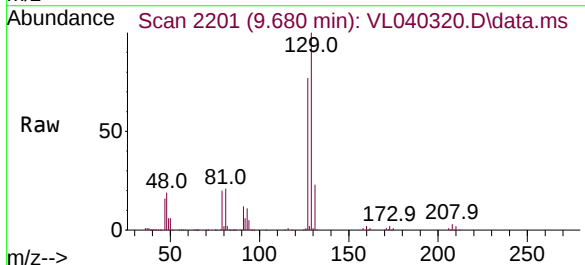
Tgt Ion: 97 Resp: 813394
Ion Ratio Lower Upper
97 100
83 87.9 68.6 103.0
85 58.0 46.0 69.0
99 63.6 46.3 69.5

Manual Integrations
APPROVED

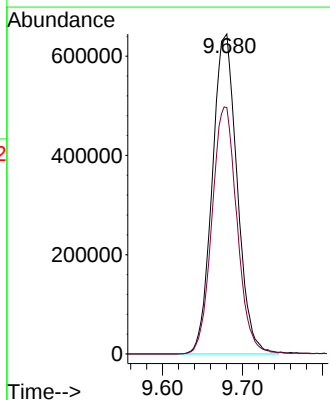
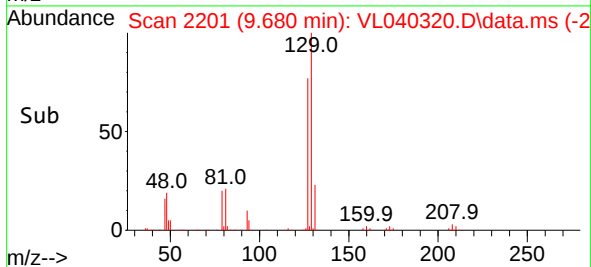
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

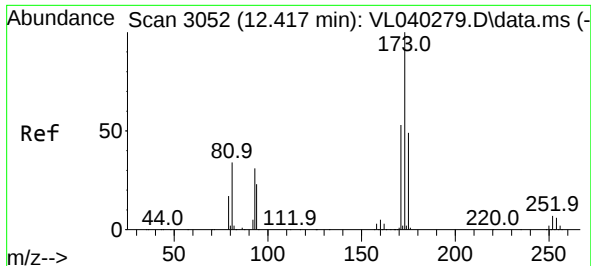


#48
Dibromochloromethane
Concen: 10.359 ppbv
RT: 9.680 min Scan# 2201
Delta R.T. -0.036 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



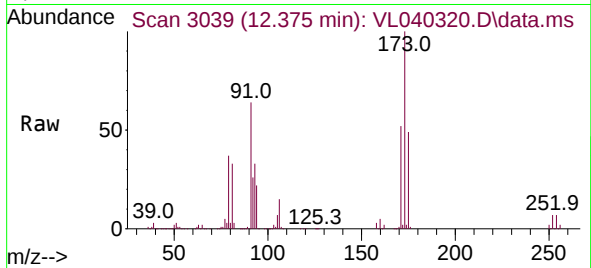
Tgt Ion:129 Resp: 1391533
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5





#49
Bromoform
Concen: 10.455 ppbv
RT: 12.375 min Scan# 3052
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

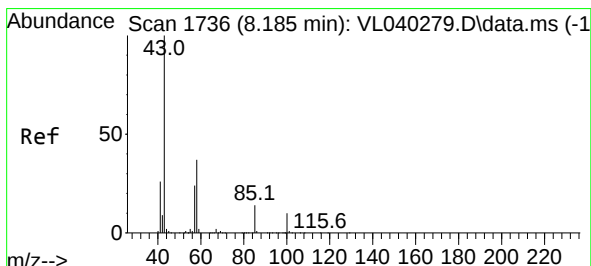
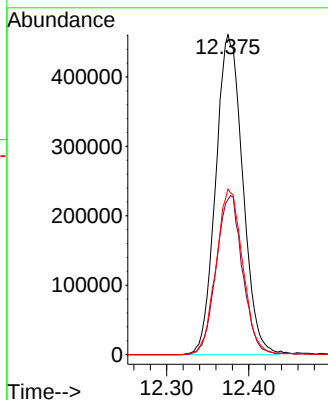
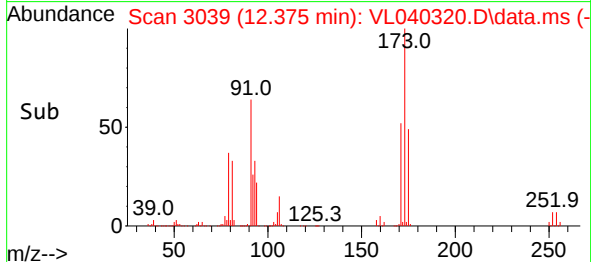
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



Tgt Ion: 173 Resp: 105479
Ion Ratio Lower Upper
173 100
175 48.9 39.8 59.8
171 51.5 42.2 63.4

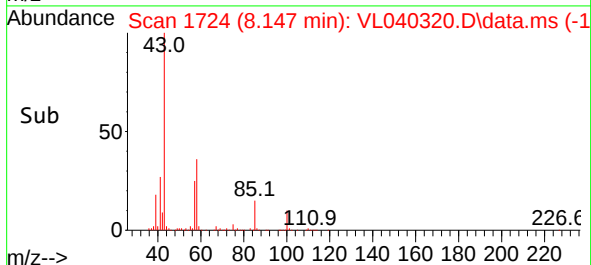
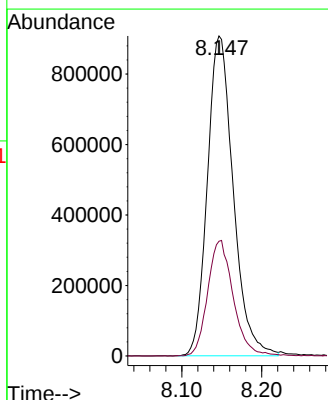
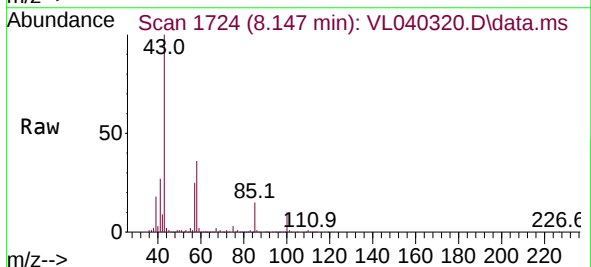
Manual Integrations
APPROVED

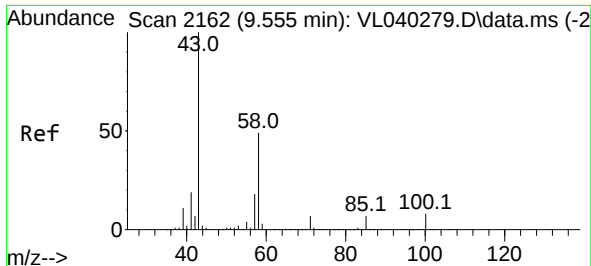
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#50
4-Methyl-2-Pentanone
Concen: 10.430 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.038 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

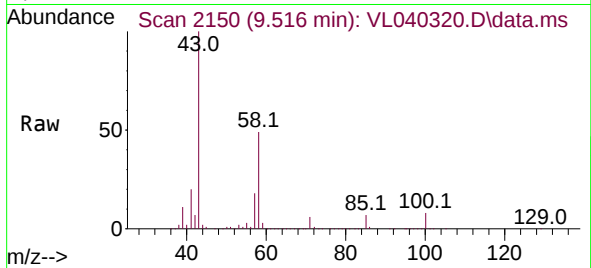
Tgt Ion: 43 Resp: 2038147
Ion Ratio Lower Upper
43 100
58 35.9 29.2 43.8





#51
2-Hexanone
Concen: 10.134 ppbv
RT: 9.516 min Scan# 2162
Delta R.T. -0.039 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

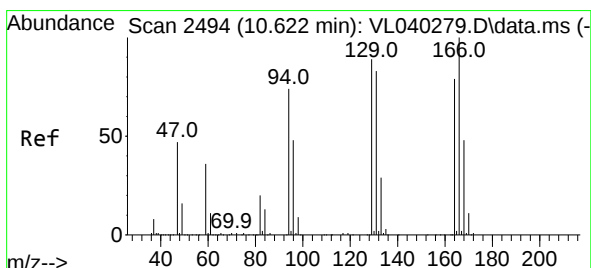
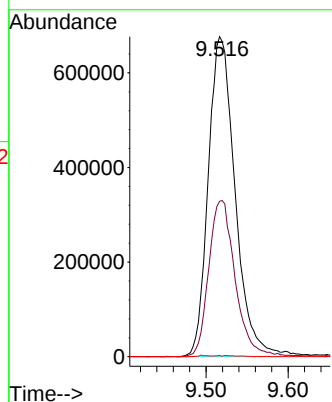
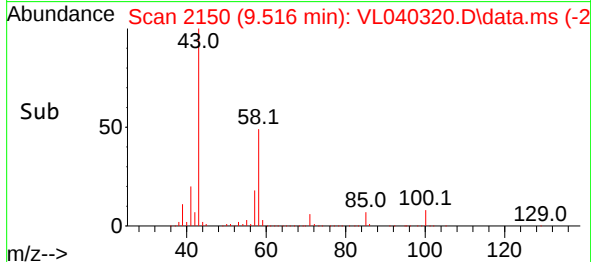
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



Tgt Ion: 43 Resp: 1534194
Ion Ratio Lower Upper
43 100
58 48.4 38.0 57.0
98 0.5 0.5 0.7

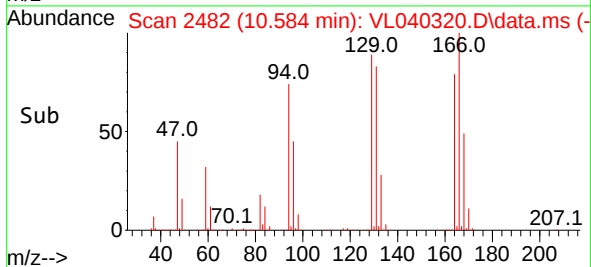
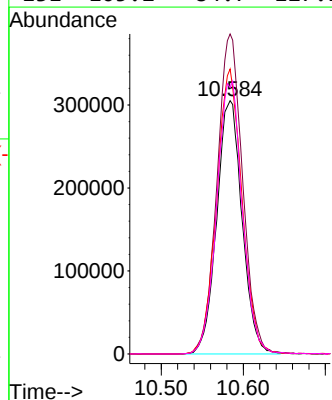
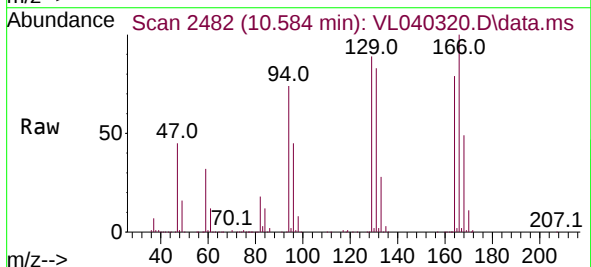
Manual Integrations
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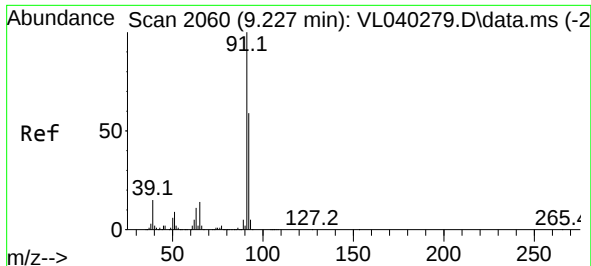
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#52
Tetrachloroethene
Concen: 11.102 ppbv
RT: 10.584 min Scan# 2482
Delta R.T. -0.038 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Tgt Ion:164 Resp: 654967
Ion Ratio Lower Upper
164 100
166 126.3 101.8 152.6
129 112.5 90.2 135.2
131 105.2 84.7 127.1





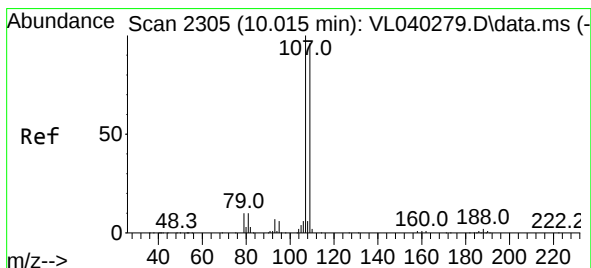
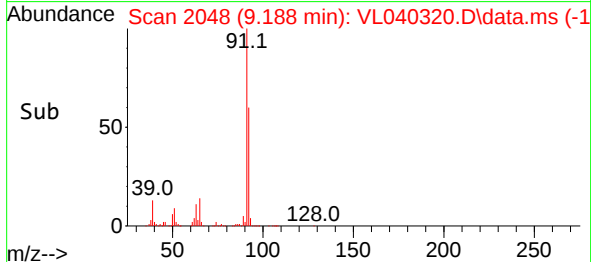
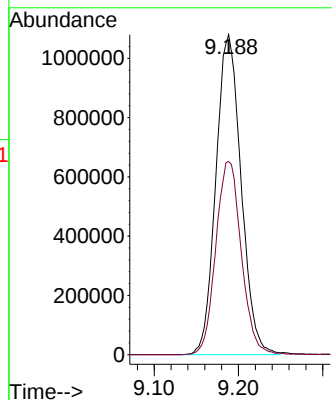
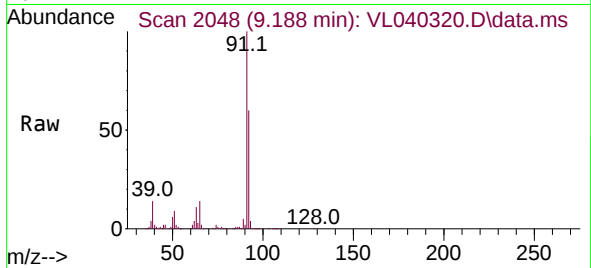
#53
Toluene
Concen: 10.980 ppbv
RT: 9.188 min Scan# 2060
Delta R.T. -0.039 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01

Tgt Ion: 91 Resp: 2243680
Ion Ratio Lower Upper
91 100
92 61.1 48.0 72.0

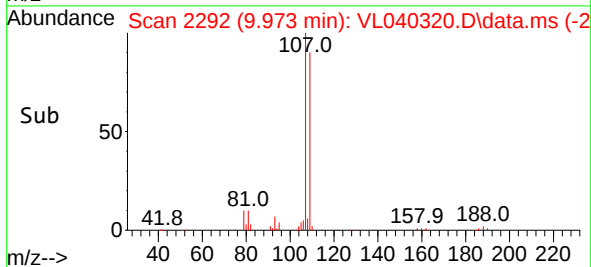
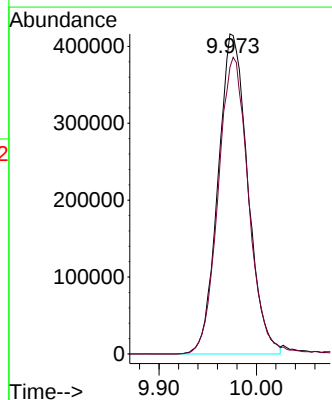
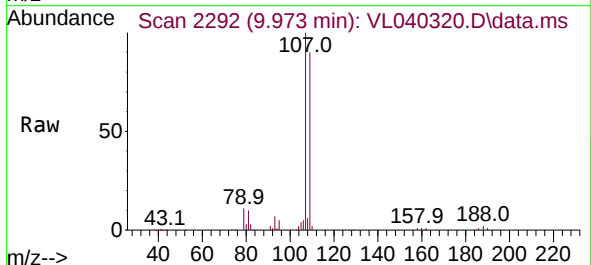
Manual Integrations
APPROVED

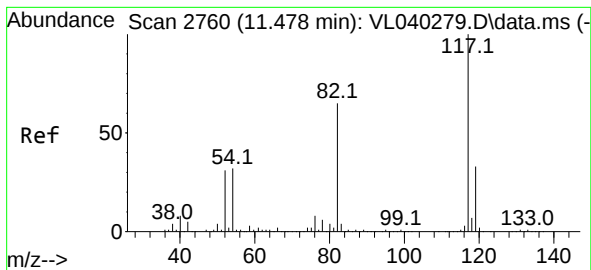
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#54
1,2-Dibromoethane
Concen: 10.499 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Tgt Ion:107 Resp: 882121
Ion Ratio Lower Upper
107 100
109 89.5 77.0 115.6





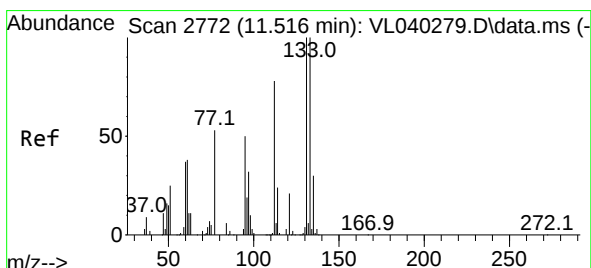
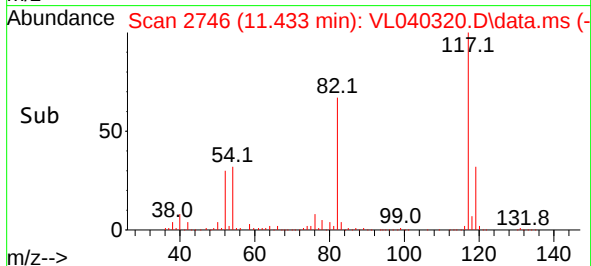
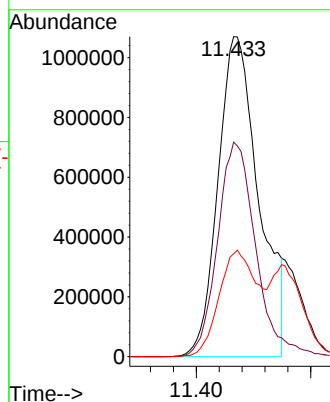
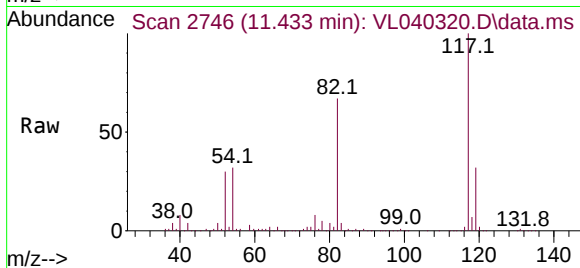
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.433 min Scan# 21
Delta R.T. -0.045 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01

Tgt Ion:117 Resp: 264868
Ion Ratio Lower Upper
117 100
82 63.4 51.4 77.2
119 30.3 24.0 36.0

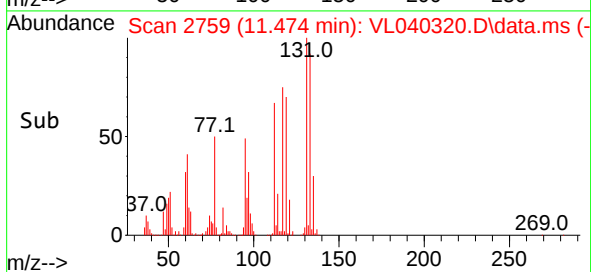
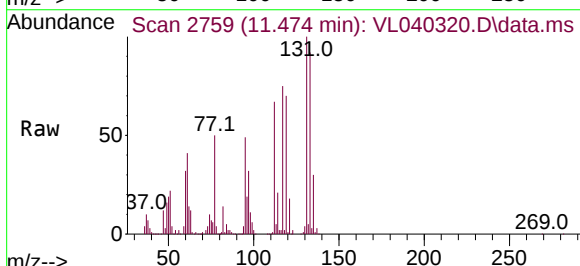
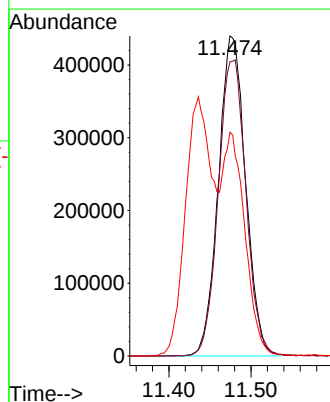
Manual Integrations
APPROVED

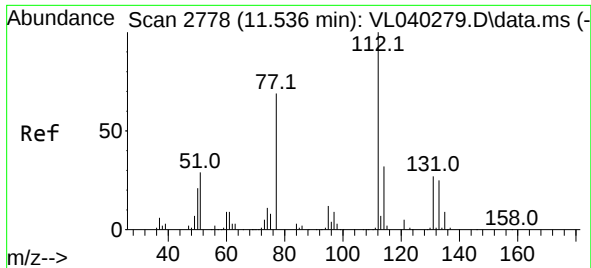
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.085 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

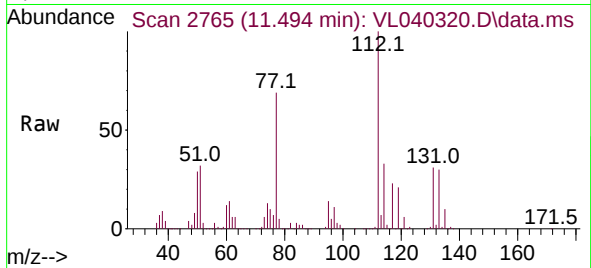
Tgt Ion:131 Resp: 1012237
Ion Ratio Lower Upper
131 100
133 94.4 76.5 114.7
119 65.1 47.9 71.9





#57
Chlorobenzene
Concen: 8.965 ppbv
RT: 11.494 min Scan# 21
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

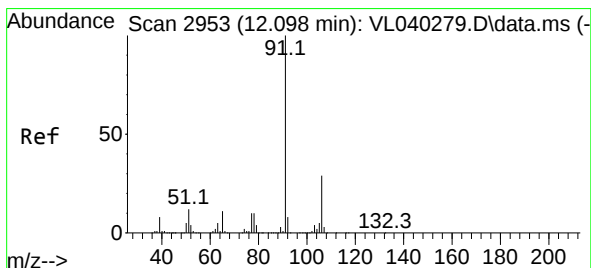
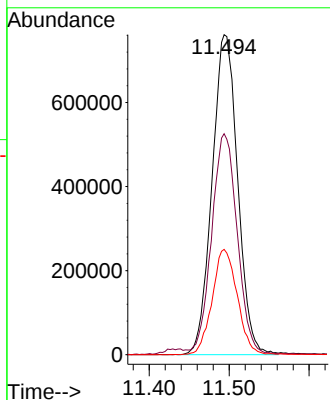
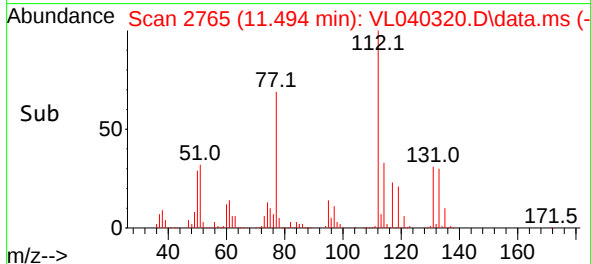
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



Tgt Ion: 112 Resp: 168910
Ion Ratio Lower Upper
112 100
77 68.6 56.2 84.2
114 32.9 29.0 35.4

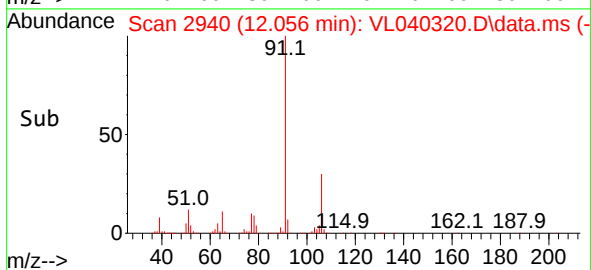
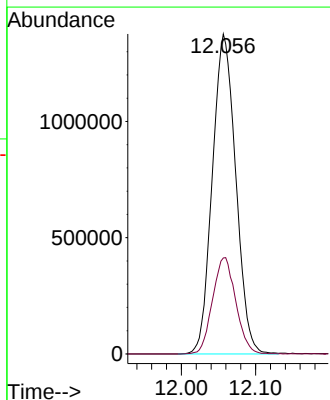
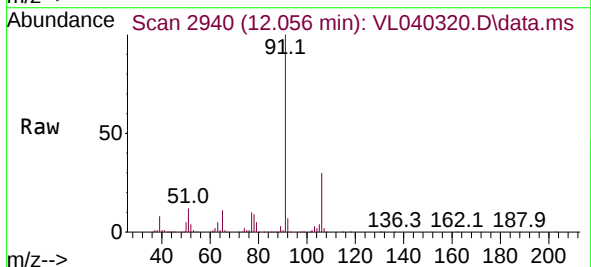
Manual Integrations
APPROVED

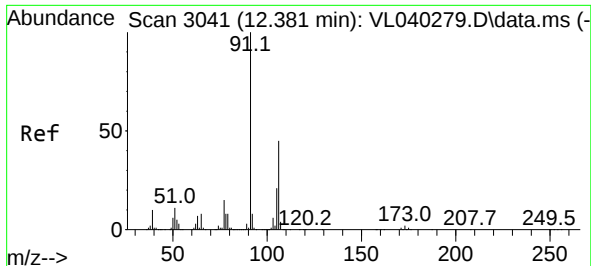
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#58
Ethyl Benzene
Concen: 10.001 ppbv
RT: 12.056 min Scan# 2940
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Tgt Ion: 91 Resp: 3016106
Ion Ratio Lower Upper
91 100
106 30.0 23.4 35.2





#59

m/p-Xylene

Concen: 18.858 ppbv m

RT: 12.343 min Scan# 3041

Delta R.T. -0.038 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABS01

Tgt Ion: 91 Resp: 521085

Ion Ratio Lower Upper

91 100

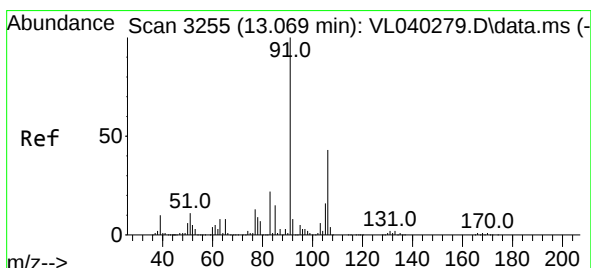
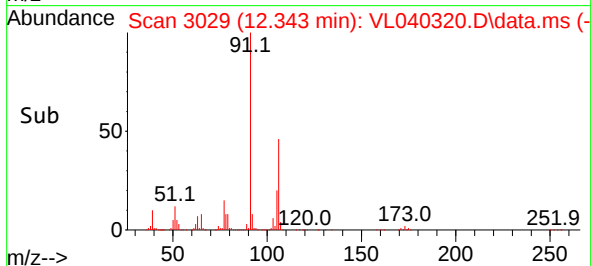
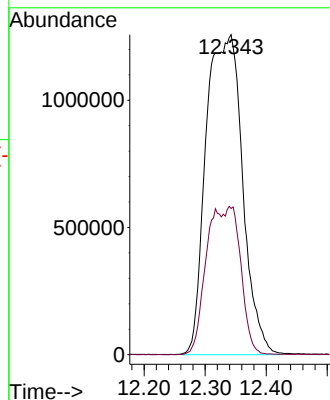
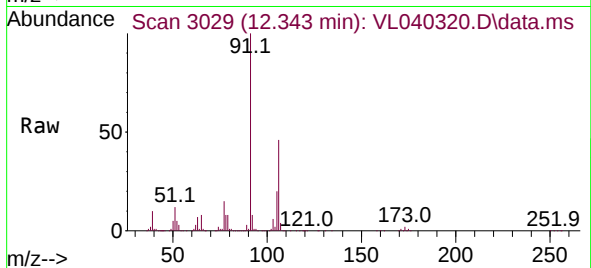
106 43.6 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#60

o-Xylene

Concen: 9.454 ppbv

RT: 13.027 min Scan# 3242

Delta R.T. -0.042 min

Lab File: VL040320.D

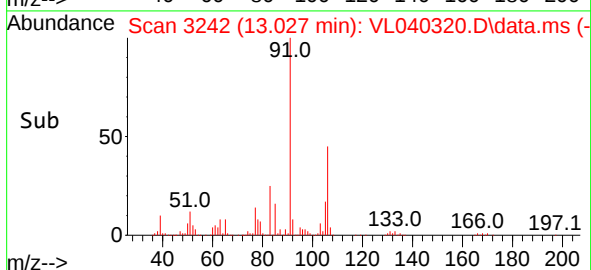
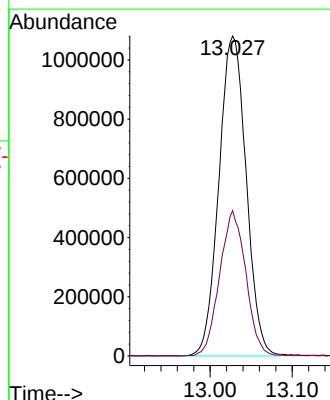
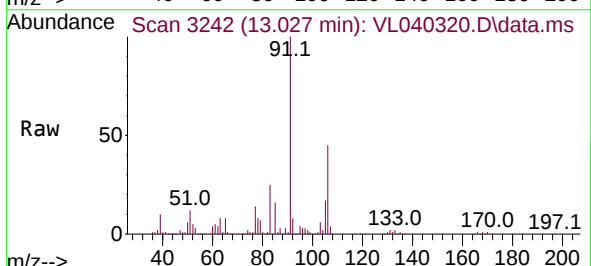
Acq: 10 Apr 2023 11:49

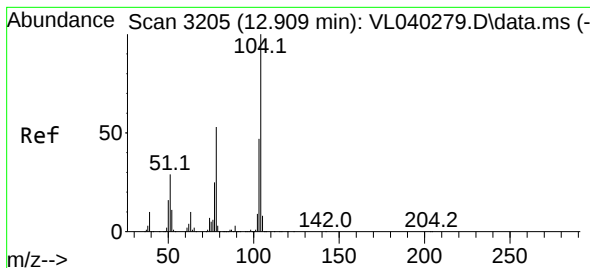
Tgt Ion: 91 Resp: 2496933

Ion Ratio Lower Upper

91 100

106 43.7 21.7 65.1





#61

Styrene

Concen: 10.392 ppbv

RT: 12.867 min Scan# 3192

Delta R.T. -0.042 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABS01

Tgt Ion:104 Resp: 1392814

Ion Ratio Lower Upper

104 100

78 53.6 43.7 65.5

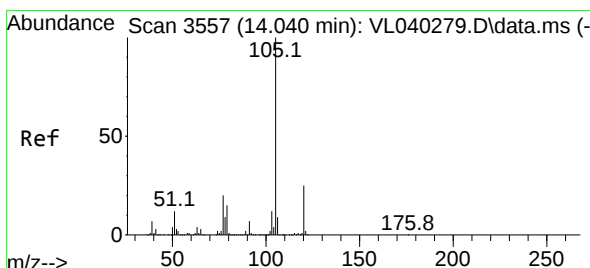
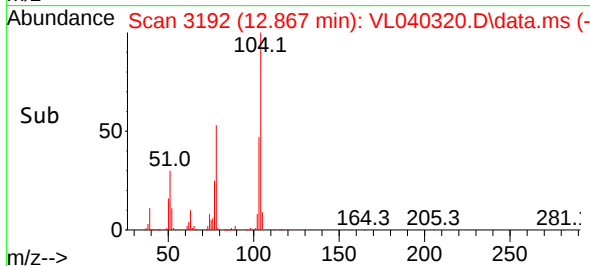
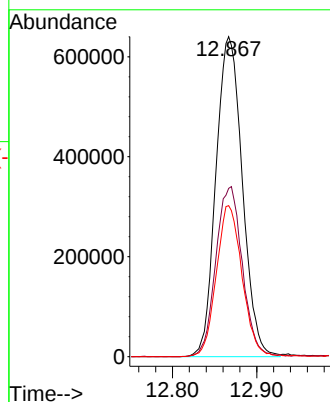
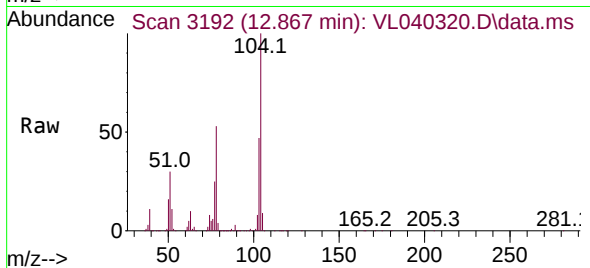
103 46.3 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#62

Isopropylbenzene

Concen: 9.326 ppbv

RT: 14.002 min Scan# 3545

Delta R.T. -0.038 min

Lab File: VL040320.D

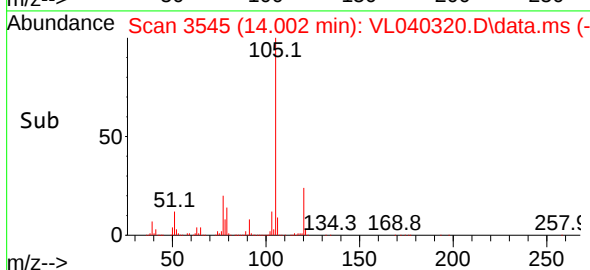
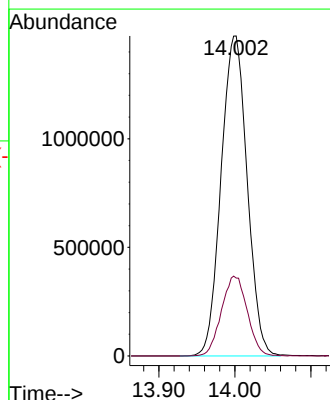
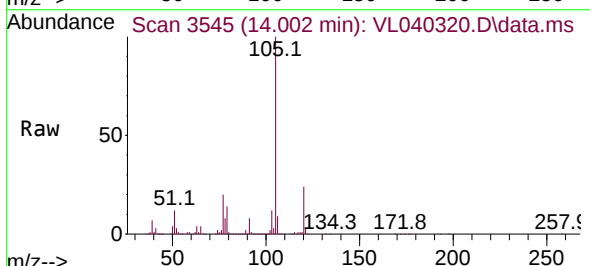
Acq: 10 Apr 2023 11:49

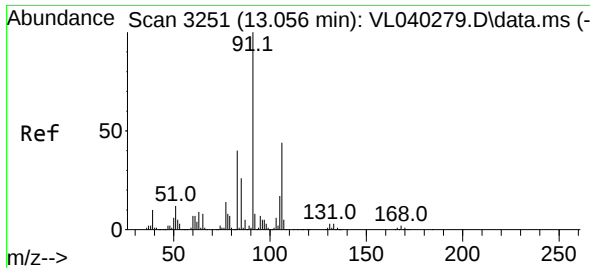
Tgt Ion:105 Resp: 3507497

Ion Ratio Lower Upper

105 100

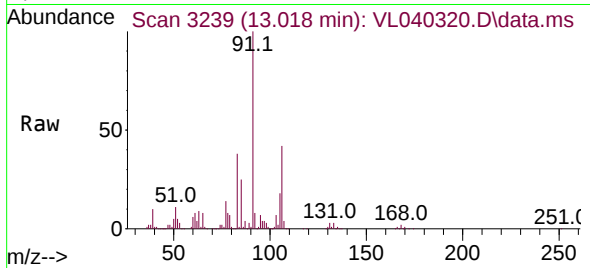
120 24.8 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.456 ppbv
RT: 13.018 min Scan# 31
Delta R.T. -0.038 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

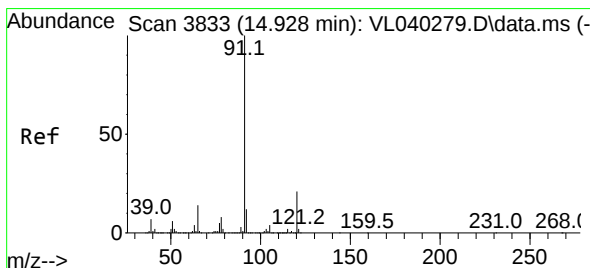
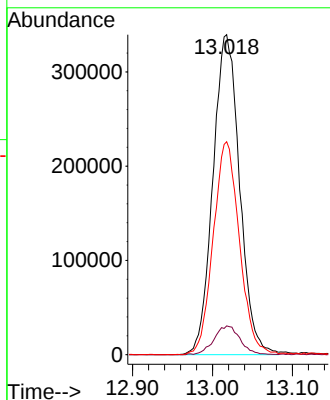
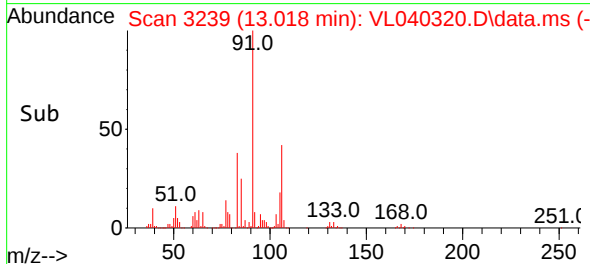
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



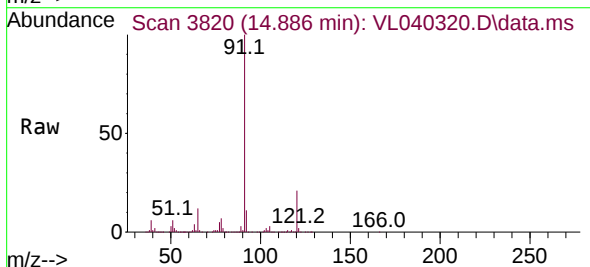
Tgt Ion: 83 Resp: 78584
Ion Ratio Lower Upper
83 100
131 8.8 4.3 12.9
85 65.4 32.7 98.1

Manual Integrations
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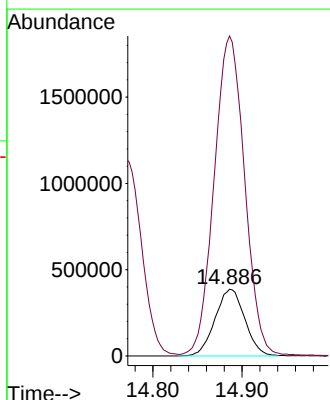
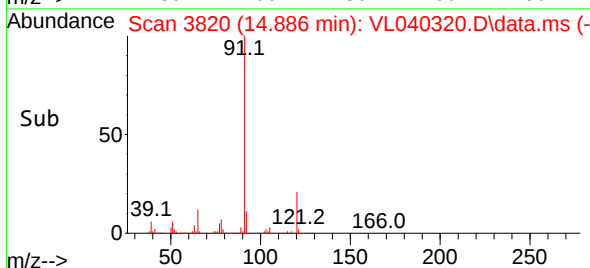
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

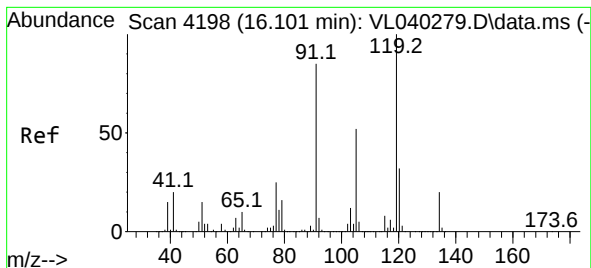


#64
n-propylbenzene
Concen: 9.740 ppbv
RT: 14.886 min Scan# 3820
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



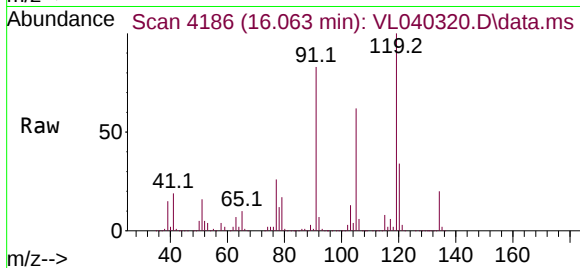
Tgt Ion:120 Resp: 896463
Ion Ratio Lower Upper
120 100
91 493.1 399.0 598.6





#65
tert-Butylbenzene
Concen: 9.593 ppbv
RT: 16.063 min Scan# 4198
Delta R.T. -0.038 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

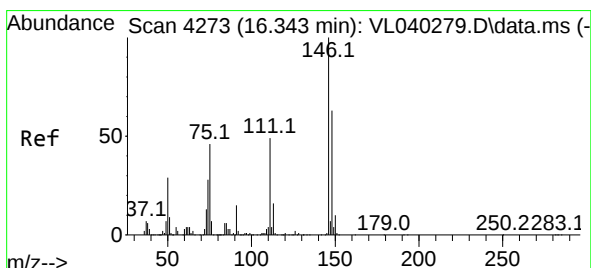
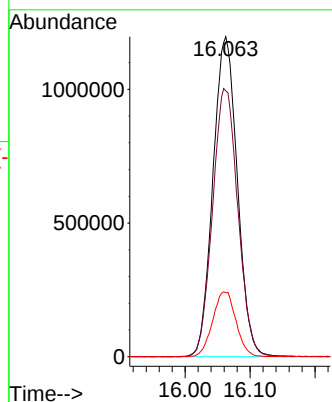
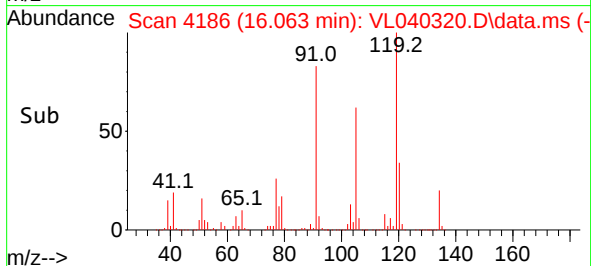
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



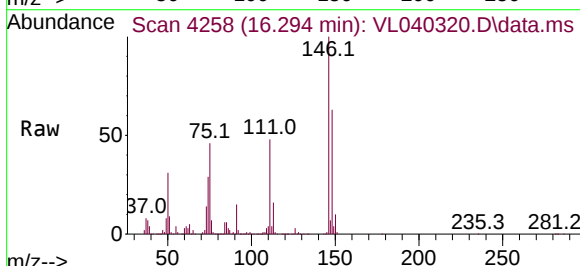
Tgt Ion: 119 Resp: 3109304
Ion Ratio Lower Upper
119 100
91 87.1 69.4 104.2
134 19.5 15.8 23.6

Manual Integrations
APPROVED

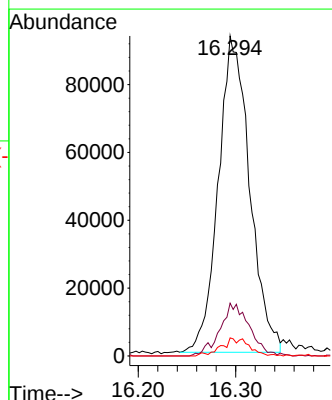
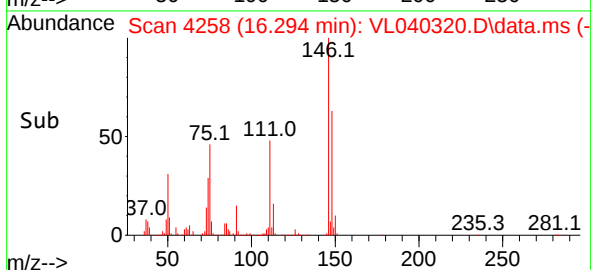
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

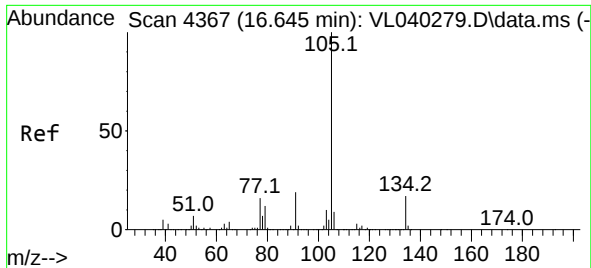


#66
Benzyl Chloride
Concen: 9.896 ppbv
RT: 16.294 min Scan# 4258
Delta R.T. -0.049 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



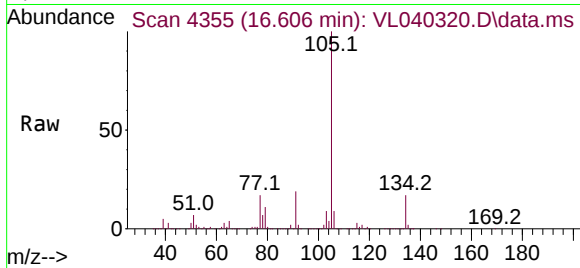
Tgt Ion: 91 Resp: 208450
Ion Ratio Lower Upper
91 100
126 15.8 12.1 18.1
128 5.1 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 9.684 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. -0.039 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

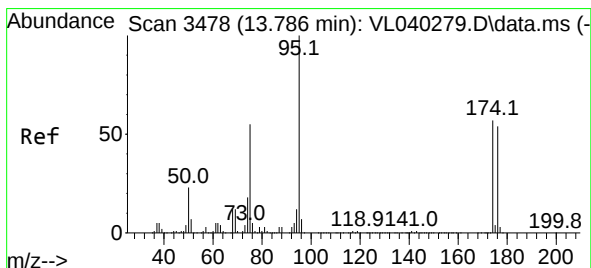
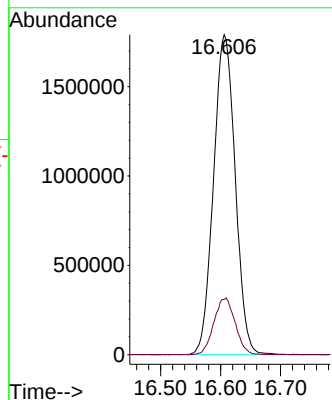
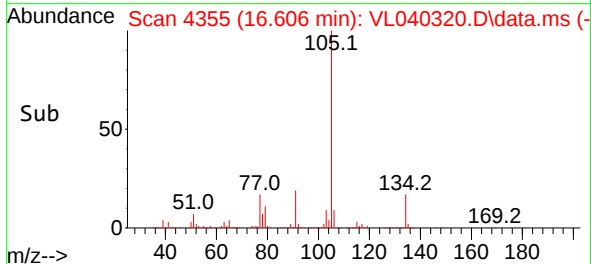
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABS01



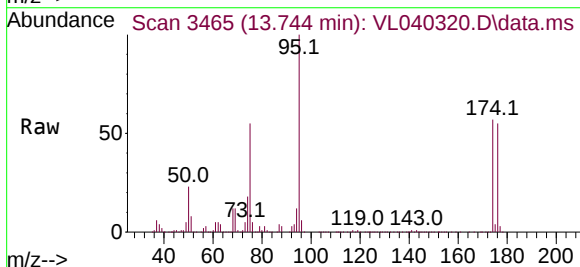
Tgt Ion:105 Resp: 4488776
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.0 21.0

Manual Integrations
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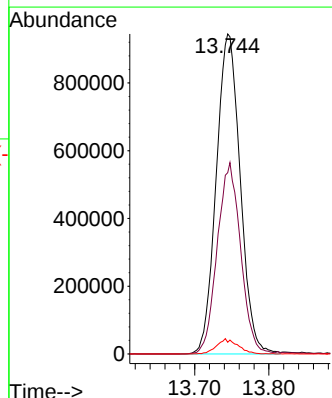
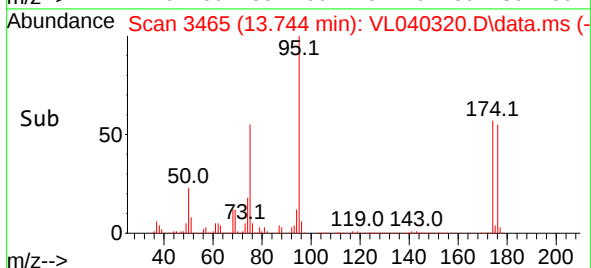
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

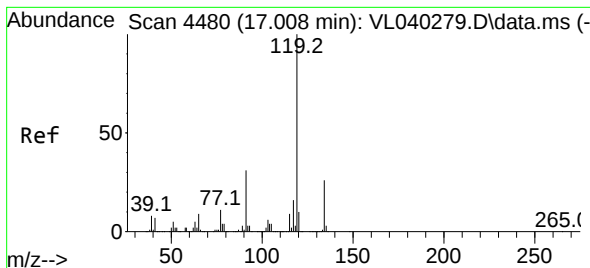


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.579 ppbv
 RT: 13.744 min Scan# 3465
 Delta R.T. -0.042 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49



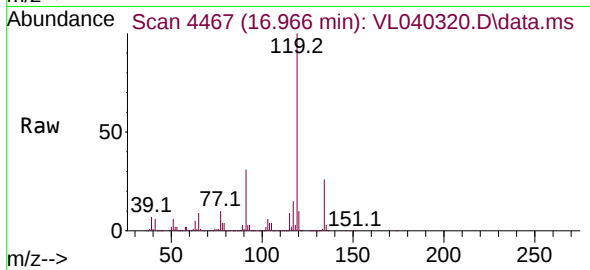
Tgt Ion: 95 Resp: 2124577
 Ion Ratio Lower Upper
 95 100
 174 58.7 47.0 70.6
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.177 ppbv
RT: 16.966 min Scan# 4480
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

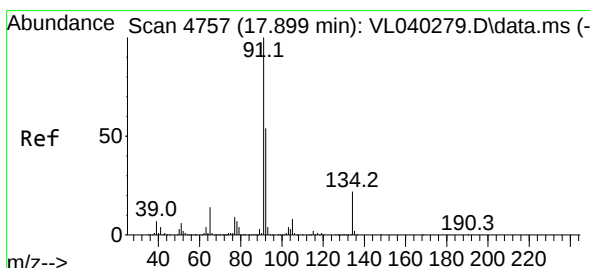
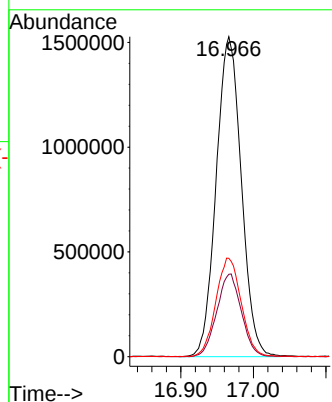
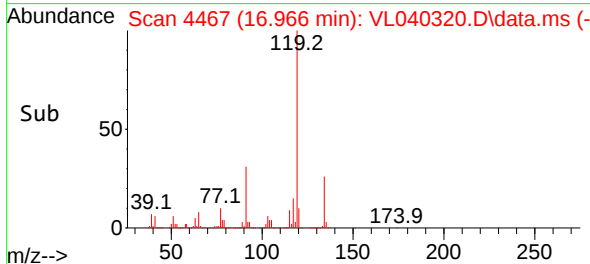
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



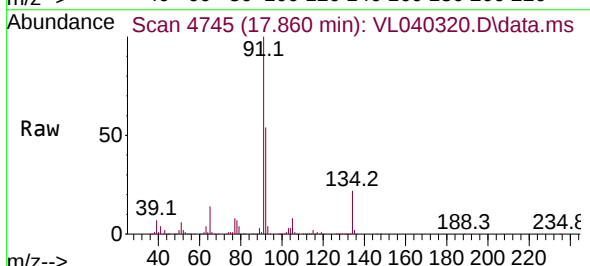
Tgt Ion:119 Resp: 3673678
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 31.1 25.1 37.7

Manual Integrations
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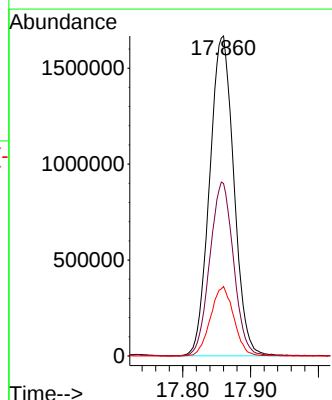
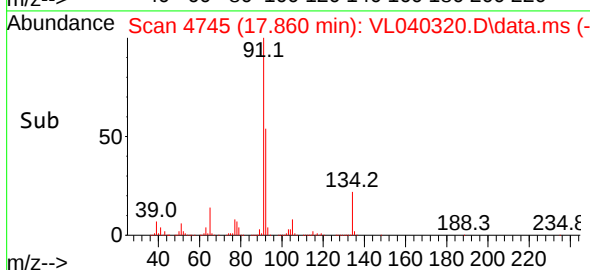
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

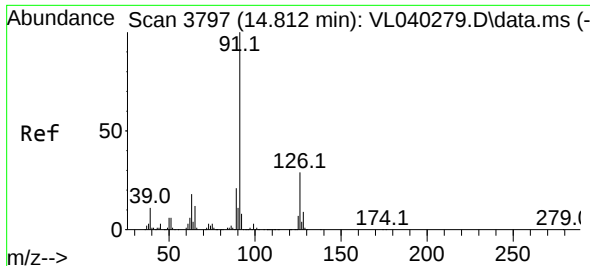


#70
n-Butylbenzene
Concen: 10.401 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. -0.039 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



Tgt Ion: 91 Resp: 4136339
Ion Ratio Lower Upper
91 100
92 53.3 42.9 64.3
134 21.0 16.8 25.2





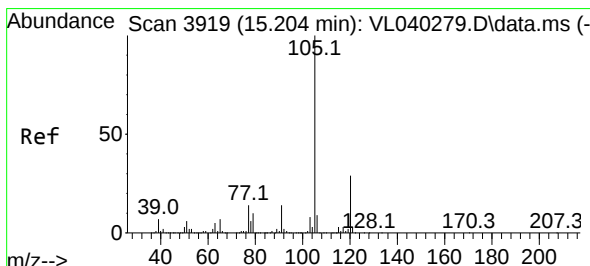
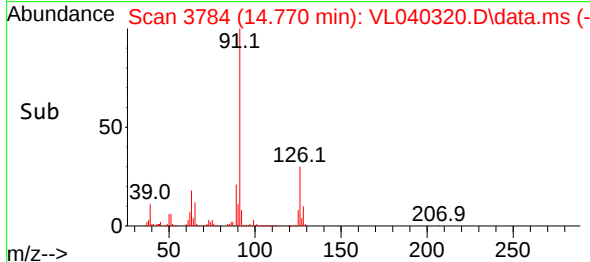
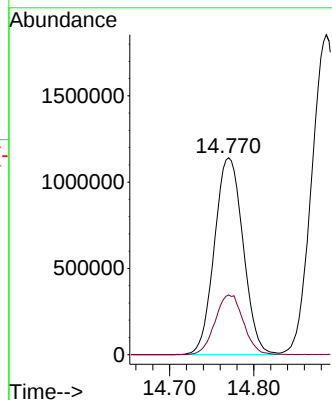
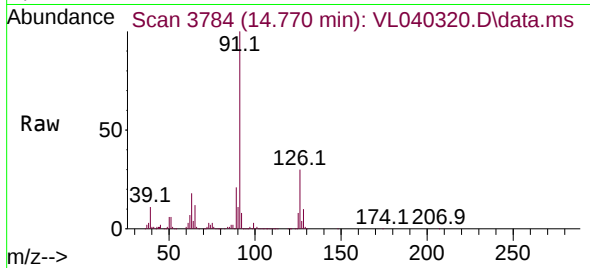
#71
2-Chlorotoluene
Concen: 9.415 ppbv
RT: 14.770 min Scan# 31
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01

Tgt Ion: 91 Resp: 2695072
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4

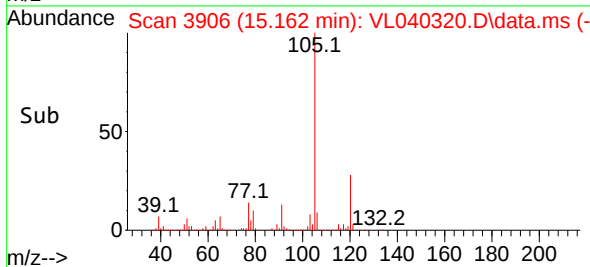
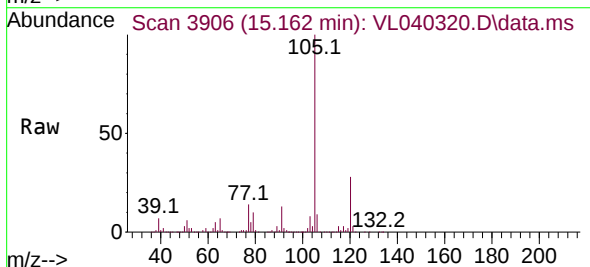
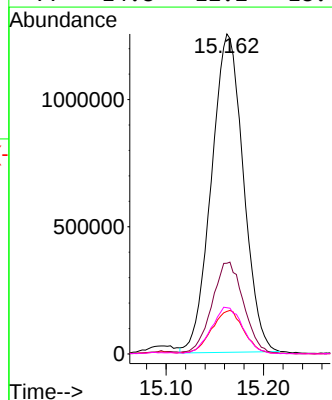
Manual Integrations
APPROVED

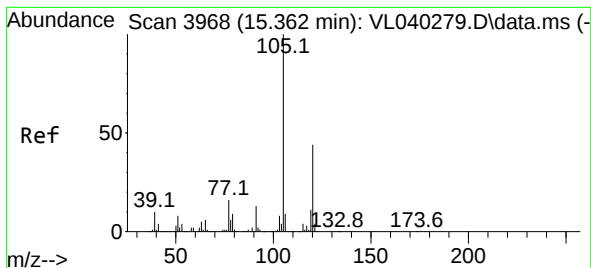
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#72
4-Ethyltoluene
Concen: 9.869 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Tgt Ion:105 Resp: 2849745
Ion Ratio Lower Upper
105 100
120 29.6 23.7 35.5
91 13.9 11.6 17.4
77 14.8 12.2 18.4





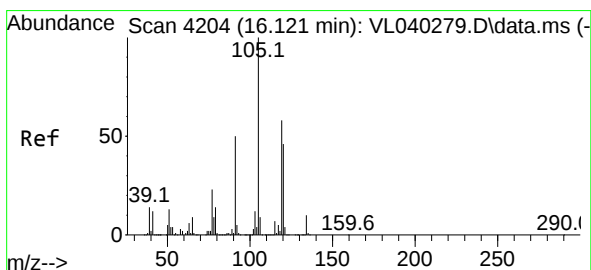
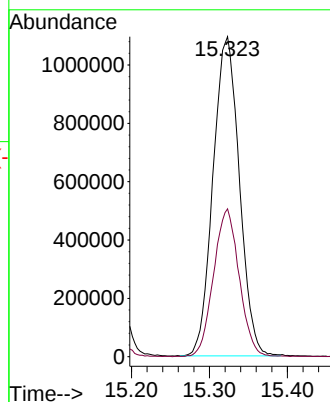
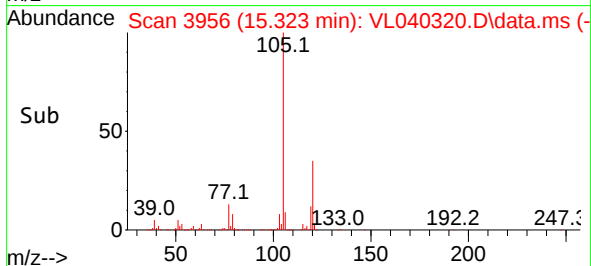
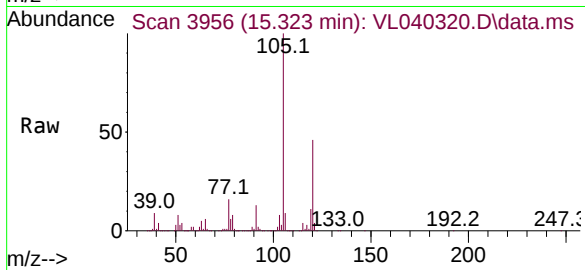
#73
1,3,5-Trimethylbenzene
Concen: 9.822 ppbv
RT: 15.323 min Scan# 3968
Delta R.T. -0.039 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01

Tgt Ion:105 Resp: 256901
Ion Ratio Lower Upper
105 100
120 46.2 34.9 52.3

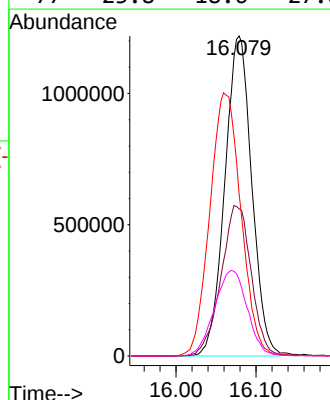
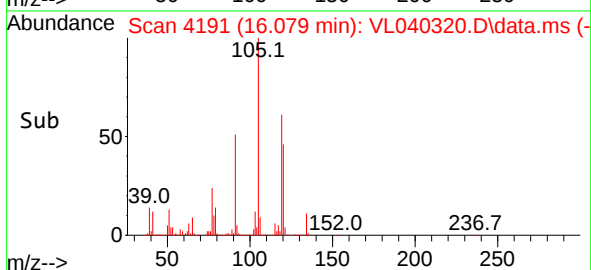
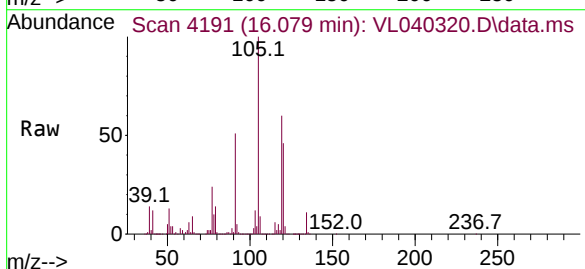
Manual Integrations
APPROVED

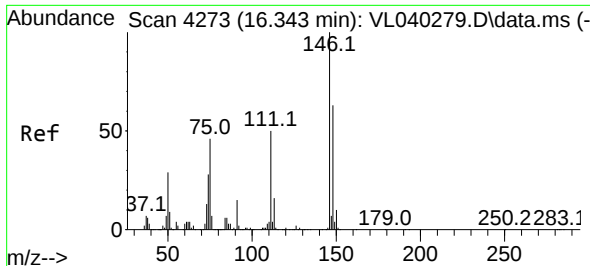
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.555 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

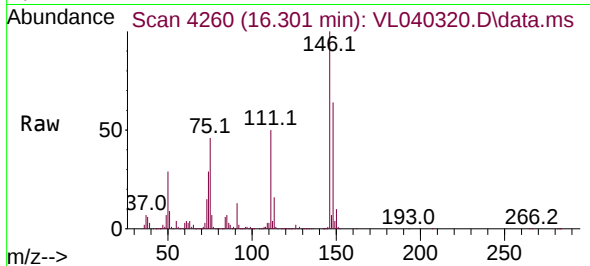
Tgt Ion:105 Resp: 2850062
Ion Ratio Lower Upper
105 100
120 46.0 36.6 54.8
91 50.6 39.9 59.9
77 23.8 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 9.859 ppbv
RT: 16.301 min Scan# 4305
Delta R.T. -0.042 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

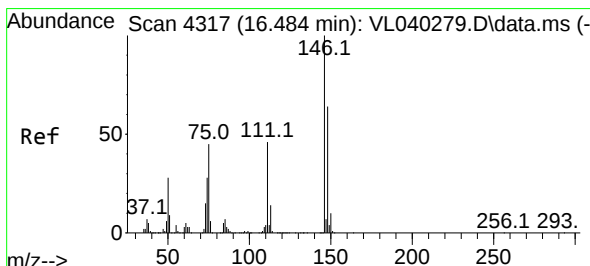
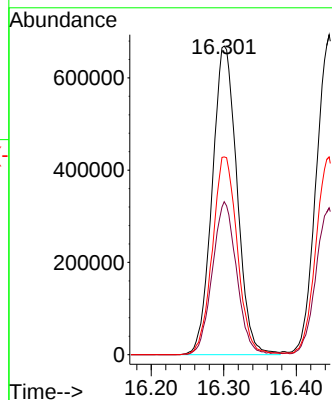
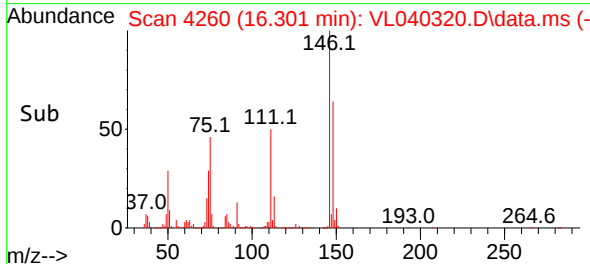
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



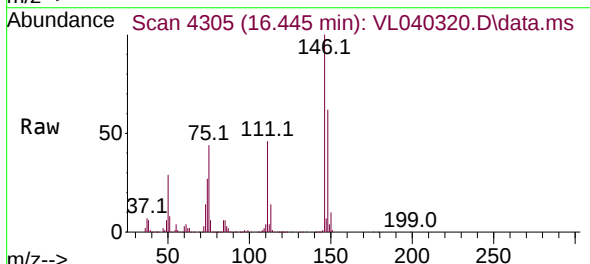
Tgt Ion:146 Resp: 1592738
Ion Ratio Lower Upper
146 100
111 48.5 24.3 73.0
148 64.2 31.9 95.5

Manual Integrations
APPROVED

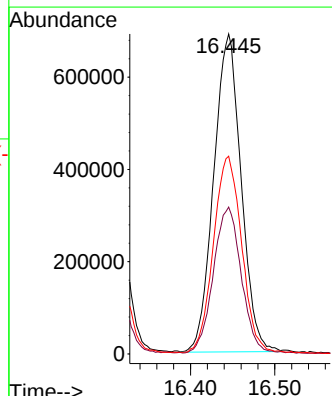
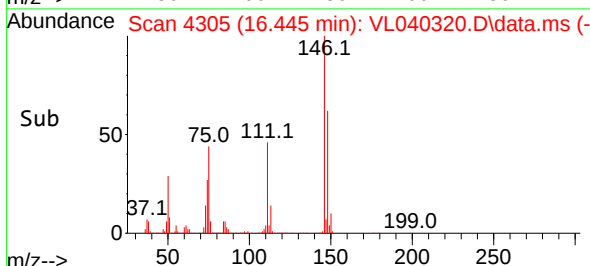
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

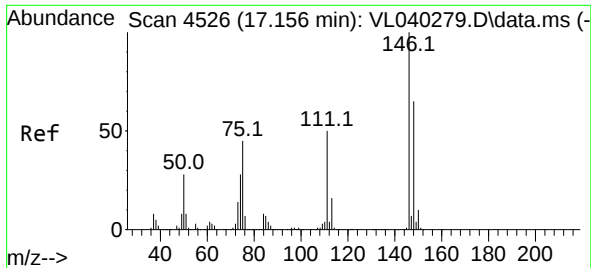


#76
1,4-Dichlorobenzene
Concen: 10.085 ppbv
RT: 16.445 min Scan# 4305
Delta R.T. -0.039 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



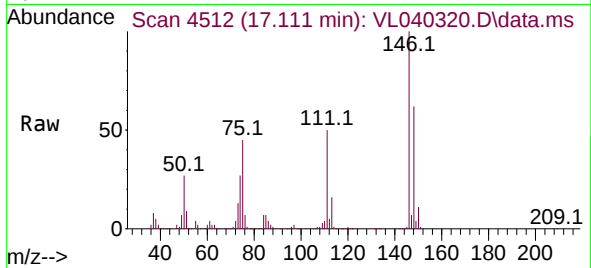
Tgt Ion:146 Resp: 1553976
Ion Ratio Lower Upper
146 100
111 47.6 23.8 71.2
148 65.4 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.183 ppbv
RT: 17.111 min Scan# 411
Delta R.T. -0.045 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49

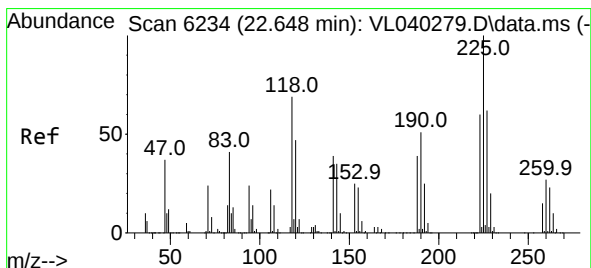
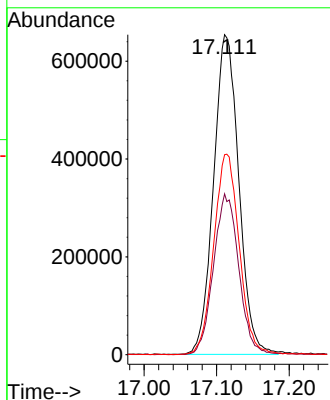
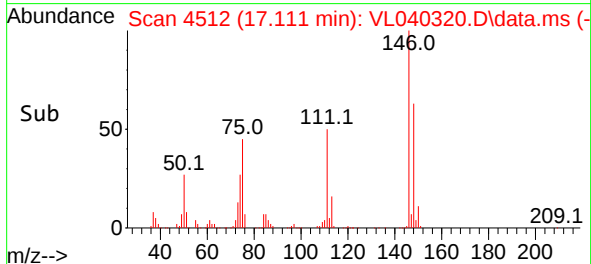
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABS01



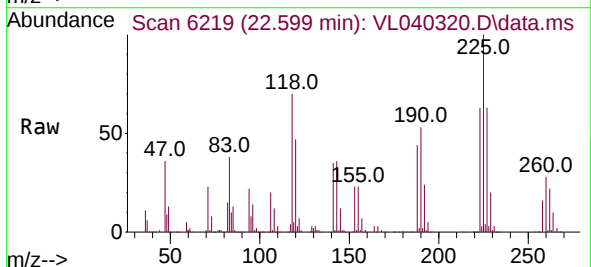
Tgt Ion:146 Resp: 1581208
Ion Ratio Lower Upper
146 100
111 50.4 25.2 75.6
148 64.0 32.1 96.3

Manual Integrations
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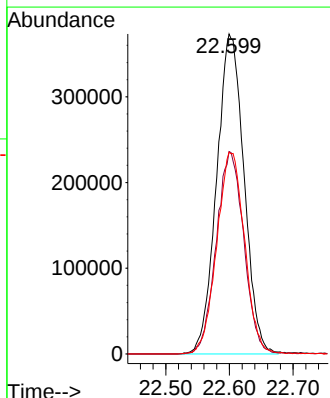
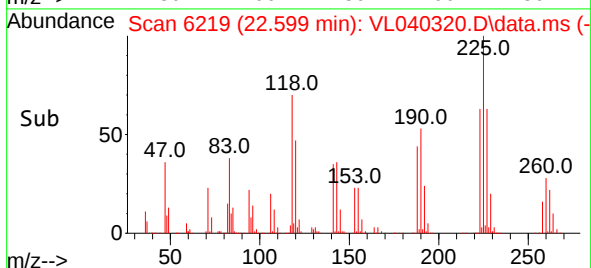
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

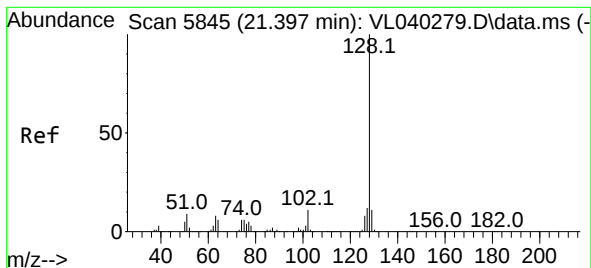


#78
Hexachloro-1,3-Butadiene
Concen: 9.802 ppbv
RT: 22.599 min Scan# 6219
Delta R.T. -0.049 min
Lab File: VL040320.D
Acq: 10 Apr 2023 11:49



Tgt Ion:225 Resp: 1116340
Ion Ratio Lower Upper
225 100
223 63.6 51.0 76.6
227 64.0 51.4 77.2





#79

Naphthalene

Concen: 12.815 ppbv

RT: 21.352 min Scan# 5831

Delta R.T. -0.045 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

Instrument :

MSVOA_L

ClientSampleId :

VL0410ABS01

Tgt Ion:128 Resp: 226130

Ion Ratio Lower Upper

128 100

127 13.5 9.6 14.4

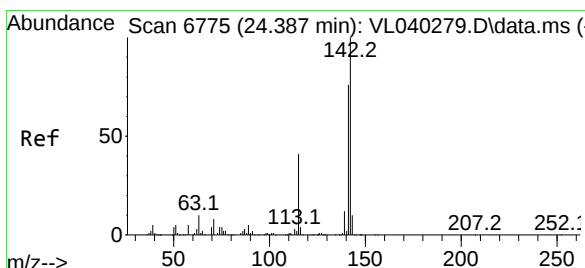
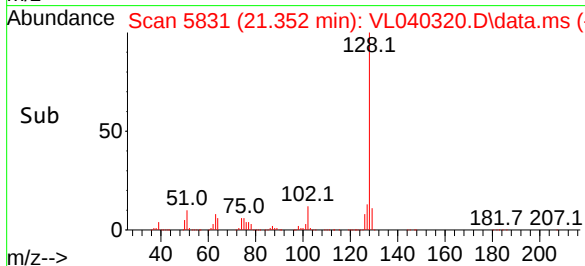
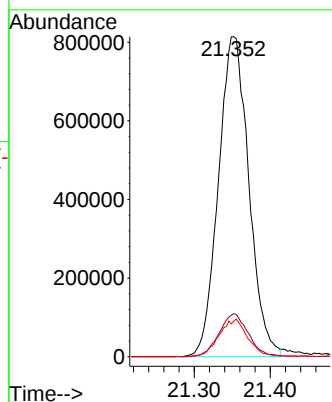
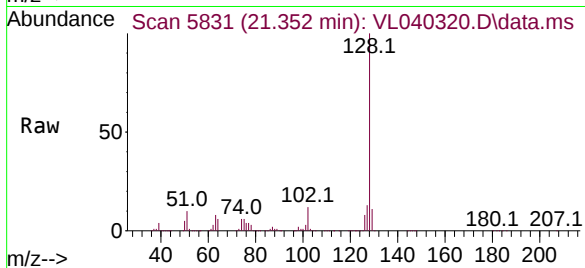
129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#80

Naphthalene,2-methyl-

Concen: 8.370 ppbv

RT: 24.349 min Scan# 6763

Delta R.T. -0.038 min

Lab File: VL040320.D

Acq: 10 Apr 2023 11:49

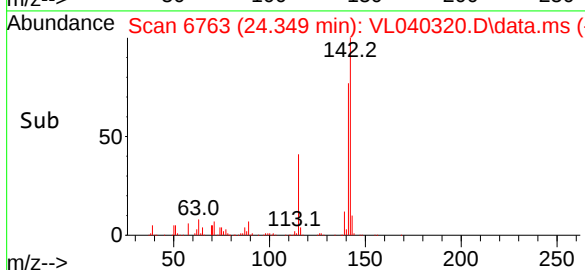
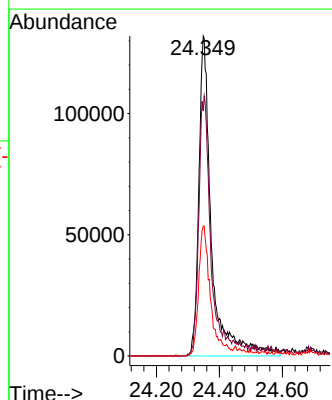
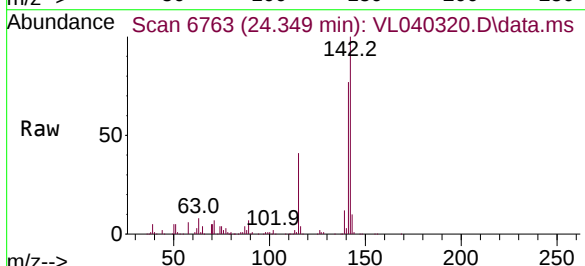
Tgt Ion:142 Resp: 374069

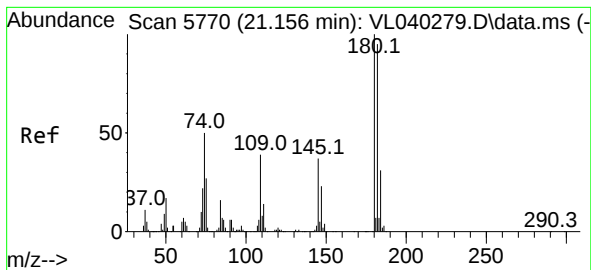
Ion Ratio Lower Upper

142 100

141 79.5 65.5 98.3

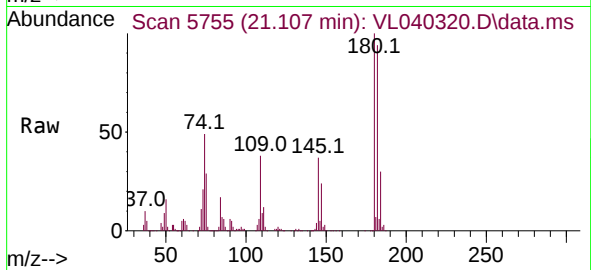
115 40.6 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.086 ppbv
 RT: 21.107 min Scan# 51
 Delta R.T. -0.049 min
 Lab File: VL040320.D
 Acq: 10 Apr 2023 11:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABS01



Tgt Ion:180 Resp: 1204899

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.1	114.1
184	30.5	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

