

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040464.D
 Acq On : 15 Jun 2023 11:44
 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 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 05:34:32 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1083664	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2713235	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2752396m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2159890 9.508 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	2047361	8.681	ppbv	99
3) Chlorodifluoromethane	2.668	51	1638583	9.232	ppbv	98
4) Chloromethane	2.806	50	641160	9.332	ppbv	97
5) Vinyl Chloride	2.915	62	697388	10.171	ppbv	99
6) Bromomethane	3.115	94	344425	9.703	ppbv	94
7) Chloroethane	3.192	64	246278	9.618	ppbv	99
8) Dichlorotetrafluoroethane	2.851	85	1737633	9.329	ppbv	100
9) Propene	2.687	41	513633	9.384	ppbv	100
10) Heptane	7.593	43	1294385	10.448	ppbv	100
11) Trichlorofluoromethane	3.558	101	1778821	9.262	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.066	101	1289901	9.615	ppbv	99
13) Ethanol	3.237	45	108530	9.575	ppbv	94
14) Bromoethene	3.362	108	539127	9.608	ppbv	100
15) Acetone	3.465	43	1157824	8.858	ppbv	99
16) 1,3-Butadiene	2.980	39	620956	9.761	ppbv	99
17) tert-Butyl alcohol	3.877	59	1076689	10.021	ppbv	99
18) 1,1-Dichloroethene	3.880	96	578762	9.682	ppbv	100
19) Isopropyl Alcohol	3.571	45	631230	10.020	ppbv	100
20) Methylene Chloride	3.931	84	483817	8.673	ppbv	97
21) Allyl Chloride	3.996	41	731999	9.915	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	584434	9.529	ppbv	99
23) Vinyl Acetate	4.629	43	1256615	9.843	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1229341	9.600	ppbv	100
25) Ethyl Acetate	5.211	43	2261860	9.550	ppbv	100
26) Hexane	5.217	57	1047196	9.337	ppbv	98
27) Carbon Disulfide	4.124	76	1480917	10.558	ppbv	100
28) Methyl tert-Butyl Ether	4.587	73	901666	10.443	ppbv	99
29) Chloroform	5.278	83	1801586	9.430	ppbv	99
30) Cyclohexane	6.613	84	872385	9.653	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	1095823	10.213	ppbv	97
32) 1,1,1-Trichloroethane	6.012	97	1832757	9.719	ppbv	99
34) 2-Butanone	4.787	43	1225689	9.368	ppbv	99
35) Carbon Tetrachloride	6.504	117	1896715	10.258	ppbv	96
36) Benzene	6.378	78	2194198	10.167	ppbv	98
37) 1,2-Dichloroethane	5.815	62	1386752	9.863	ppbv	100
38) Trichloroethene	7.304	130	880993	10.774	ppbv	99
39) 1,2-Dichloropropane	7.085	63	836924	10.060	ppbv	98
40) 1,4-Dioxane	7.304	88	223528	9.485	ppbv #	100
41) Tetrahydrofuran	5.565	42	739944	10.347	ppbv	99
42) Bromodichloromethane	7.262	83	1977615	10.214	ppbv	99
43) Methyl Methacrylate	7.487	69	867568	11.190	ppbv	99
44) 2,2,4-Trimethylpentane	7.340	57	3563831	10.104	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	693829	12.120	ppbv	97

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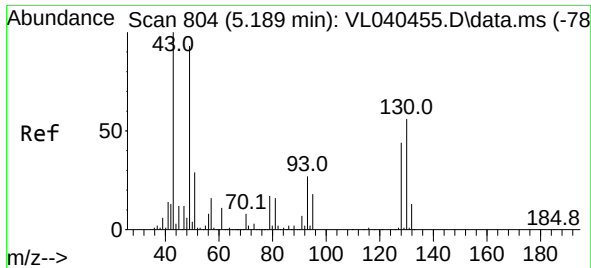
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

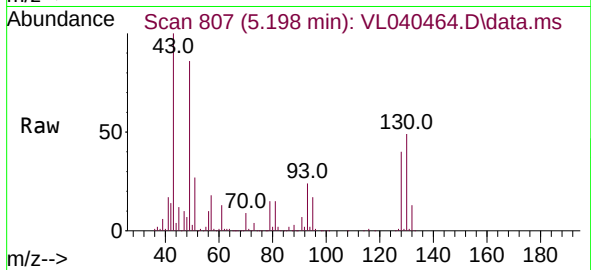
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	809261	11.596	ppbv	96
47) 1,1,2-Trichloroethane	8.915	97	917501	10.034	ppbv	96
48) Dibromochloromethane	9.728	129	1559806	10.670	ppbv	99
49) Bromoform	12.426	173	1202162	10.869	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	1855157	10.587	ppbv	99
51) 2-Hexanone	9.564	43	1329104	10.925	ppbv	99
52) Tetrachloroethene	10.629	164	757538	11.179	ppbv	96
53) Toluene	9.237	91	2499599	10.996	ppbv	99
54) 1,2-Dibromoethane	10.024	107	1329518	11.091	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.529	131	1183540	9.149	ppbv	99
57) Chlorobenzene	11.545	112	1925326	9.255	ppbv	100
58) Ethyl Benzene	12.108	91	3431555	10.290	ppbv	100
59) m/p-Xylene	12.391	91	5989007m	19.541	ppbv	
60) o-Xylene	13.079	91	2874370	9.888	ppbv	100
61) Styrene	12.915	104	1443826	11.541	ppbv	100
62) Isopropylbenzene	14.050	105	4175172	9.662	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.066	83	1753787	9.317	ppbv	99
64) n-propylbenzene	14.934	120	1066166	9.718	ppbv	97
65) tert-Butylbenzene	16.108	119	3609752	9.737	ppbv	99
66) Benzyl Chloride	16.346	91	278961	9.764	ppbv	99
67) sec-Butylbenzene	16.654	105	5199654	9.618	ppbv	100
69) p-Isopropyltoluene	17.014	119	4273088	9.946	ppbv	99
70) n-Butylbenzene	17.905	91	4691351	9.783	ppbv	100
71) 2-Chlorotoluene	14.822	91	3223780	10.047	ppbv	100
72) 4-Ethyltoluene	15.211	105	3384607	10.337	ppbv	99
73) 1,3,5-Trimethylbenzene	15.371	105	2916994	10.080	ppbv	98
74) 1,2,4-Trimethylbenzene	16.127	105	3270221	9.606	ppbv	98
75) 1,3-Dichlorobenzene	16.352	146	1835453	9.611	ppbv	99
76) 1,4-Dichlorobenzene	16.493	146	1802917	9.709	ppbv	100
77) 1,2-Dichlorobenzene	17.162	146	1704570	9.449	ppbv	99
78) Hexachloro-1,3-Butadiene	22.660	225	1219756m	8.767	ppbv	
79) Naphthalene	21.406	128	2440988	12.449	ppbv	100
80) Naphthalene,2-methyl-	24.387	142	767413	13.042	ppbv	98
81) 1,2,4-Trichlorobenzene	21.159	180	1388096	11.428	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.009 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

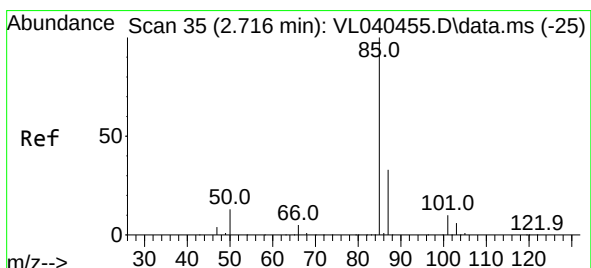
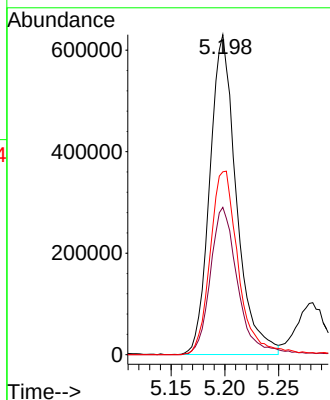
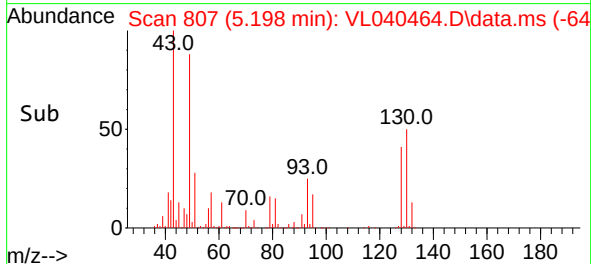
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



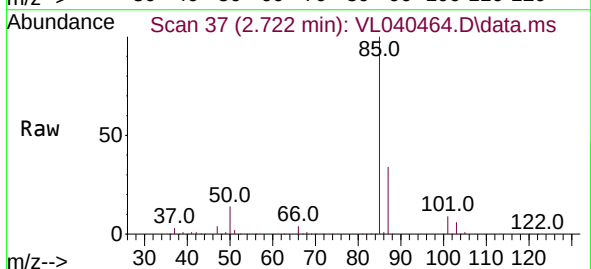
Tgt Ion: 49 Resp: 1083664
Ion Ratio Lower Upper
49 100
128 47.9 24.7 74.1
130 61.6 31.4 94.2

Manual Integrations
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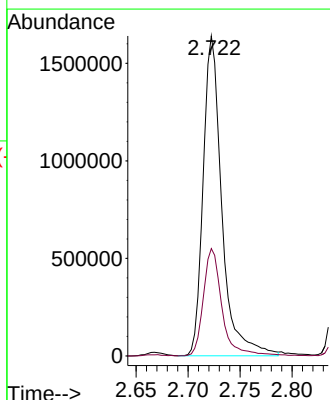
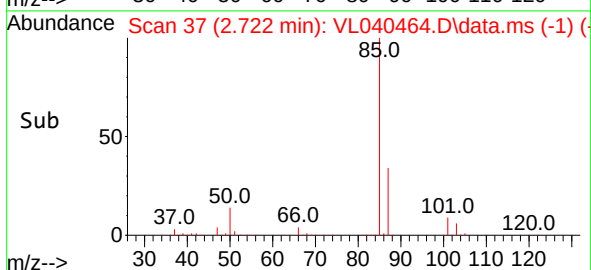
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

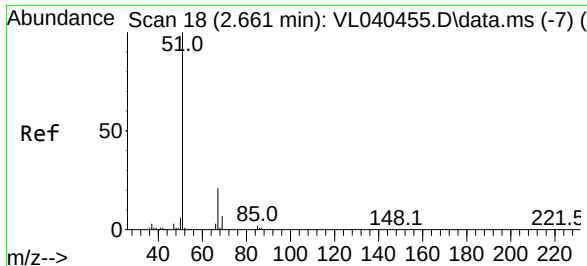


#2
Dichlorodifluoromethane
Concen: 8.681 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44



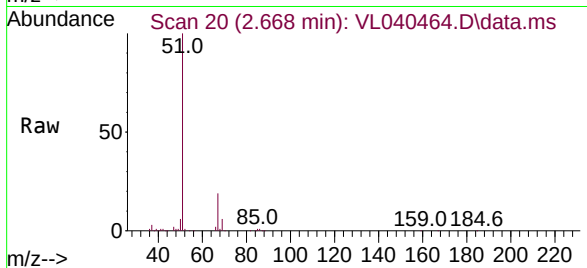
Tgt Ion: 85 Resp: 2047361
Ion Ratio Lower Upper
85 100
87 33.6 26.6 39.8





#3
Chlorodifluoromethane
Concen: 9.232 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

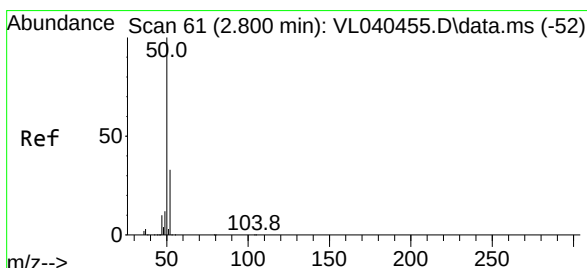
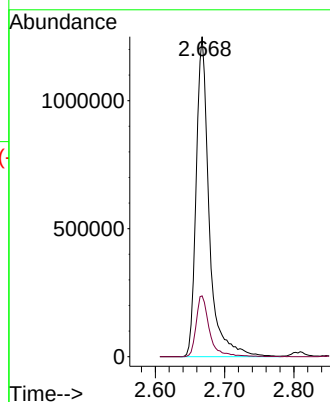
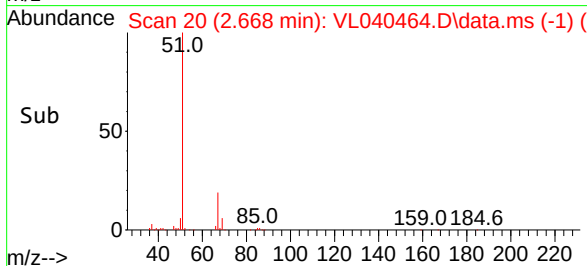
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 163858
Ion Ratio Lower Upper
51 100
67 19.5 16.3 24.5

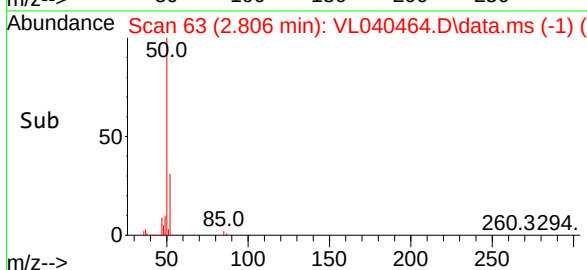
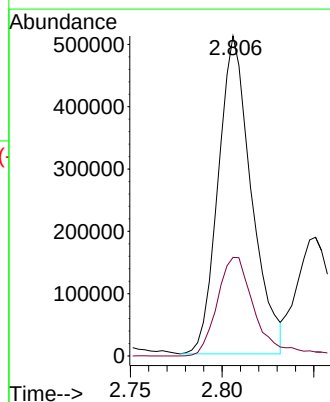
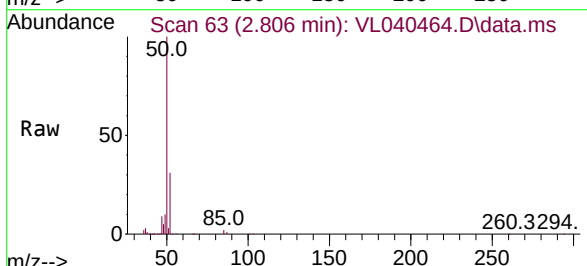
Manual Integrations
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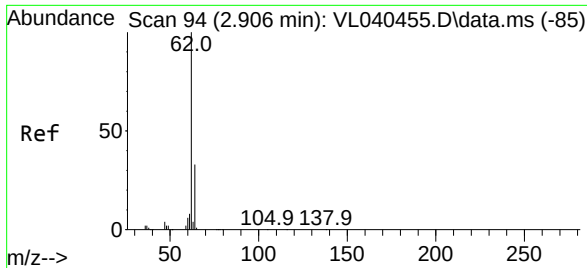
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#4
Chloromethane
Concen: 9.332 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

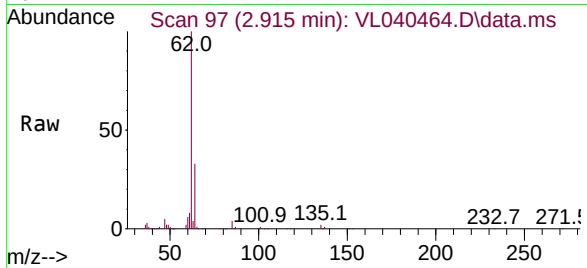
Tgt Ion: 50 Resp: 641160
Ion Ratio Lower Upper
50 100
52 31.0 26.3 39.5





#5
 Vinyl Chloride
 Concen: 10.171 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

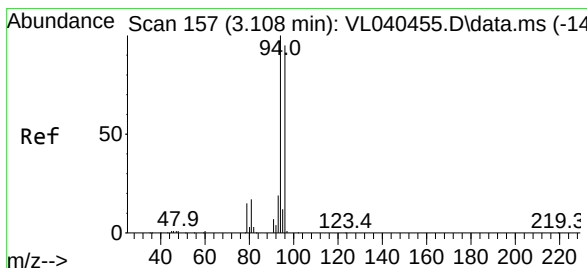
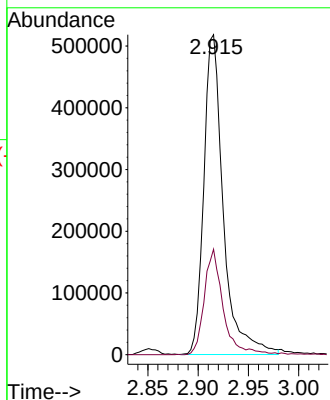
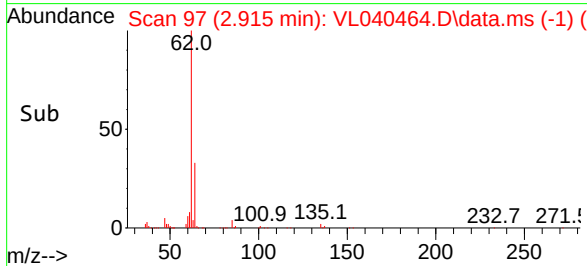
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 697388
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.8 40.2

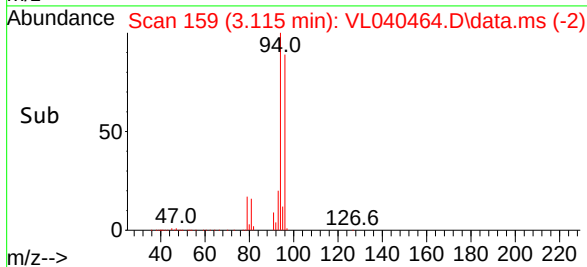
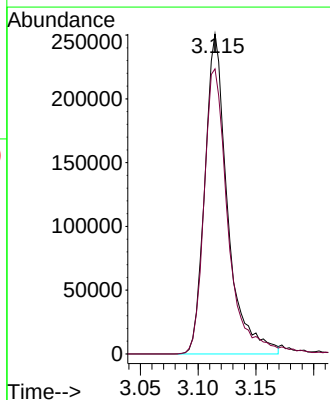
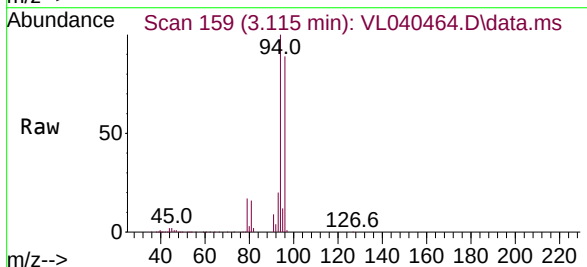
Manual Integrations
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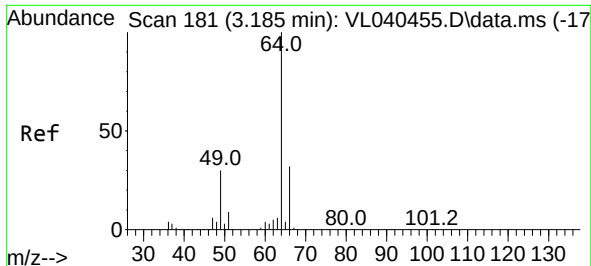
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#6
 Bromomethane
 Concen: 9.703 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion: 94 Resp: 344425
 Ion Ratio Lower Upper
 94 100
 96 89.0 75.8 113.8





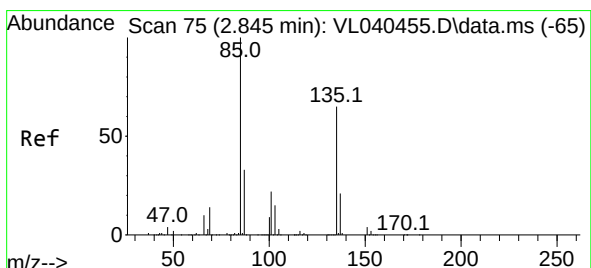
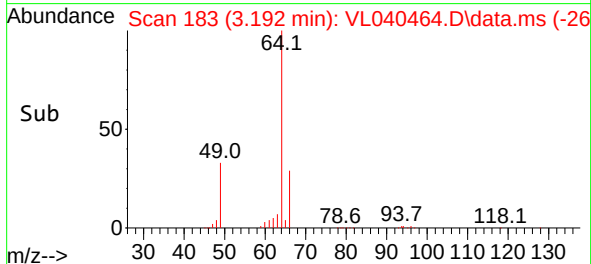
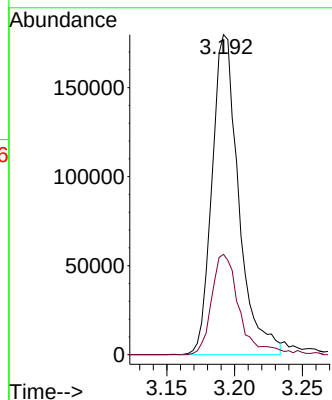
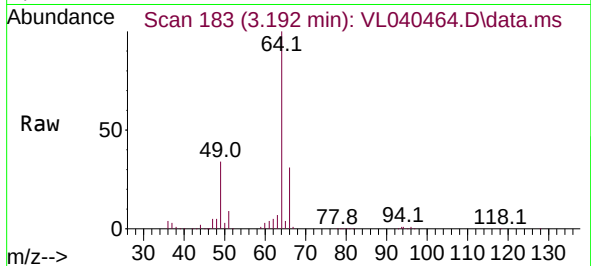
#7
Chloroethane
Concen: 9.618 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 246278
Ion Ratio Lower Upper
64 100
66 31.4 25.6 38.4

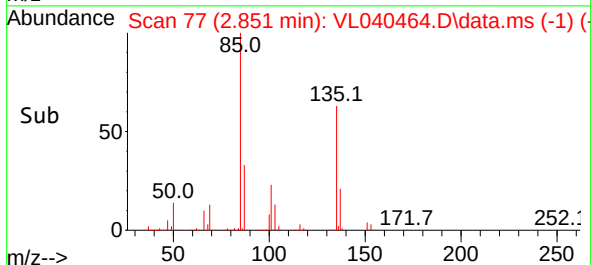
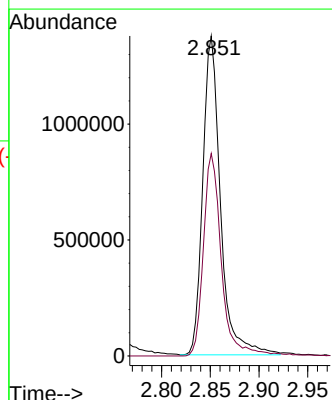
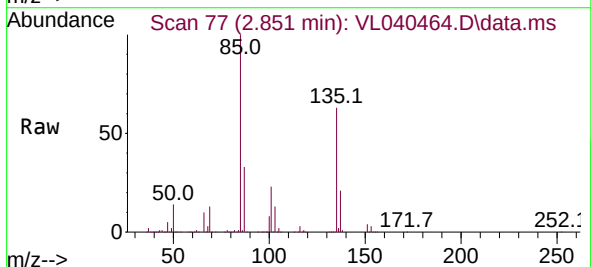
Manual Integrations
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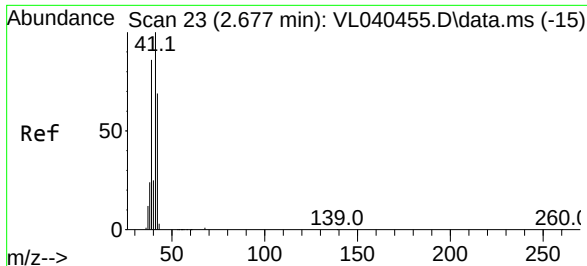
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#8
Dichlorotetrafluoroethane
Concen: 9.329 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

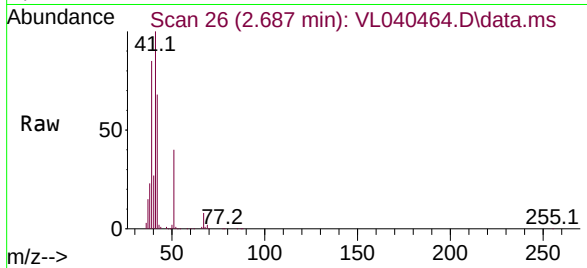
Tgt Ion: 85 Resp: 1737633
Ion Ratio Lower Upper
85 100
135 65.1 52.0 78.0





#9
 Propene
 Concen: 9.384 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

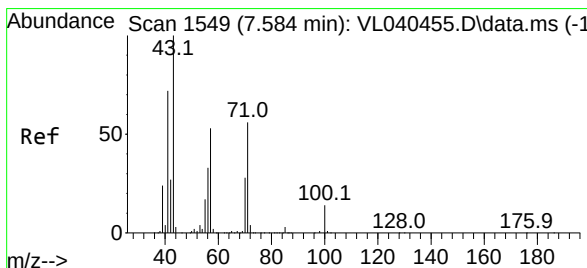
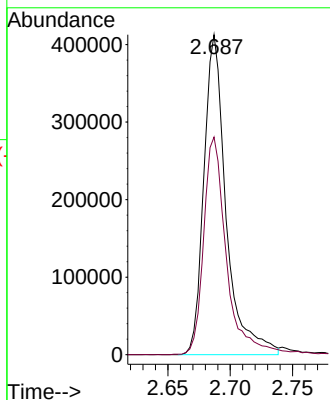
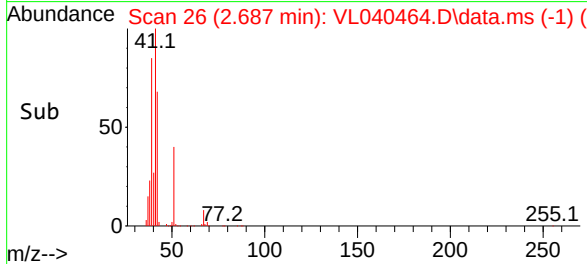
Instrument :
 MSVOA_L
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 VSTDCCC010



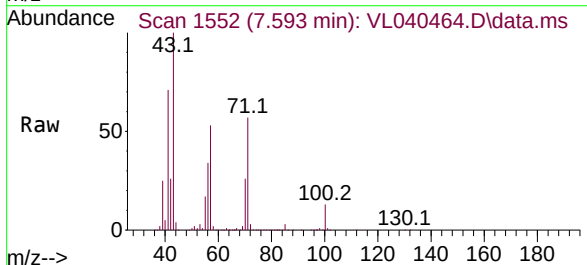
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 Ion Ratio Lower Upper
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 42 70.6 56.2 84.2

Manual Integrations
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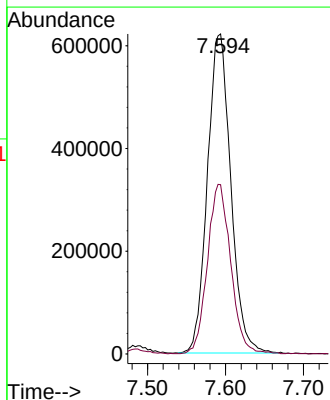
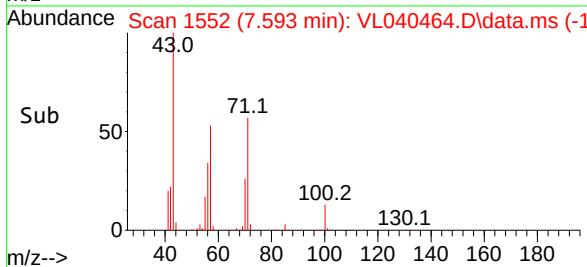
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 Supervised By :Mahesh Dadoda 06/16/2023

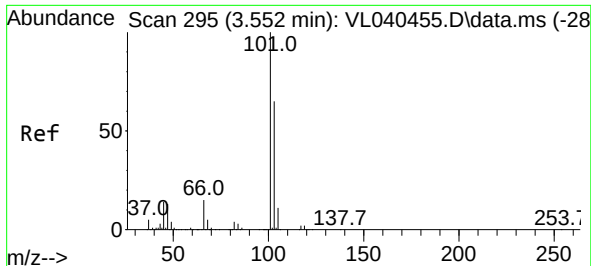


#10
 Heptane
 Concen: 10.448 ppbv
 RT: 7.593 min Scan# 1552
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44



Tgt Ion: 43 Resp: 1294385
 Ion Ratio Lower Upper
 43 100
 57 53.4 42.5 63.7





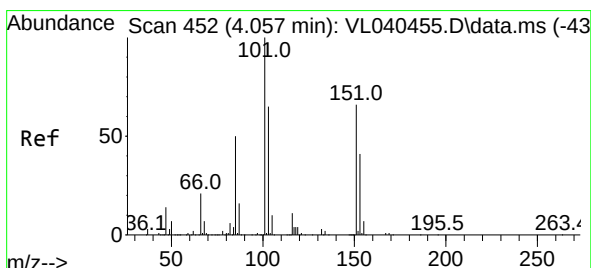
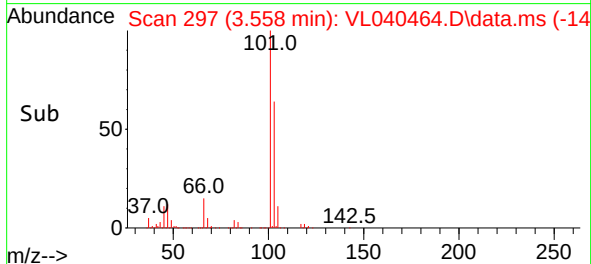
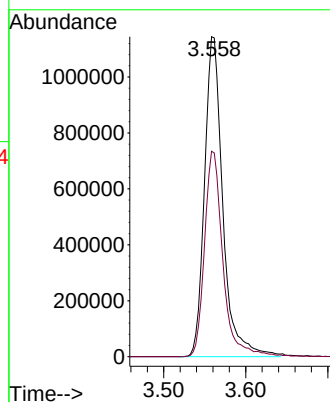
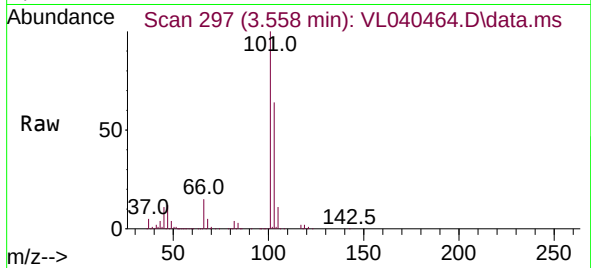
#11
Trichlorofluoromethane
Concen: 9.262 ppbv
RT: 3.558 min Scan# 295
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 177882
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

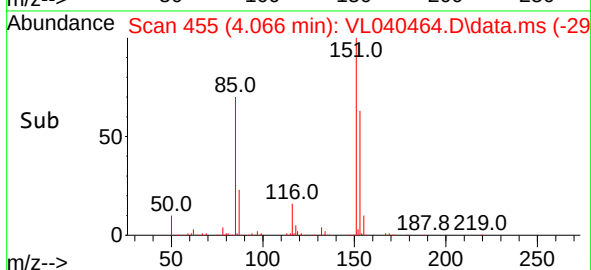
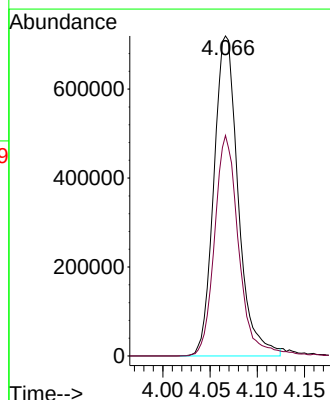
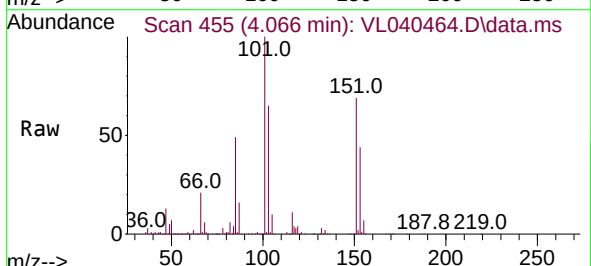
Manual Integrations
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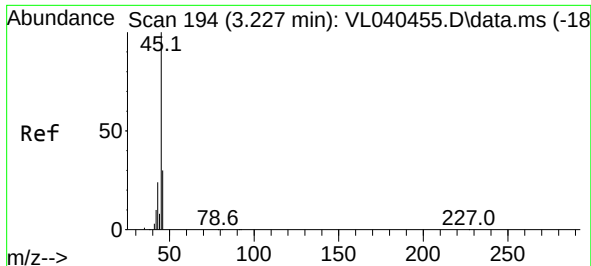
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.615 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion:101 Resp: 1289901
Ion Ratio Lower Upper
101 100
151 68.9 54.3 81.5





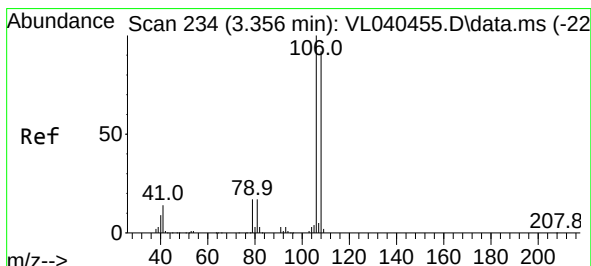
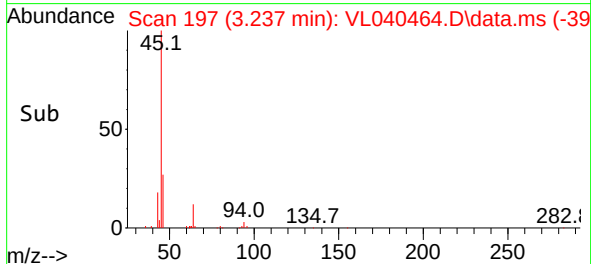
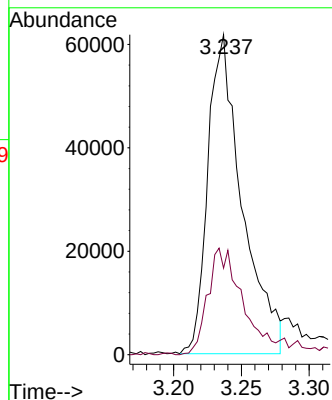
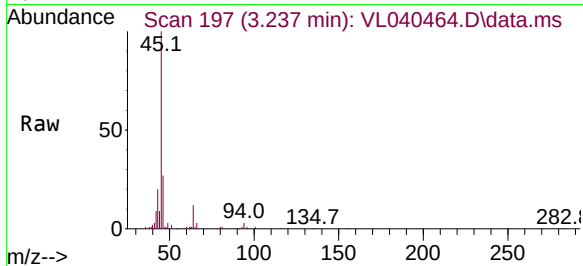
#13
Ethanol
Concen: 9.575 ppbv
RT: 3.237 min Scan# 194
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 108530
Ion Ratio Lower Upper
45 100
46 39.9 14.5 58.1

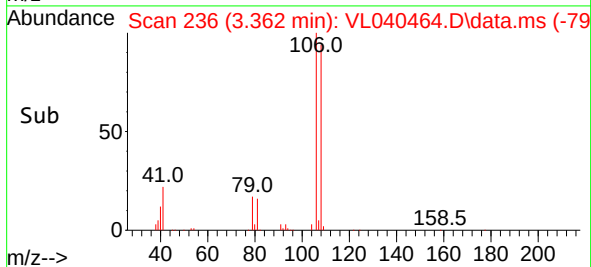
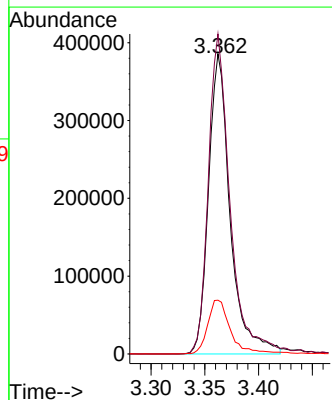
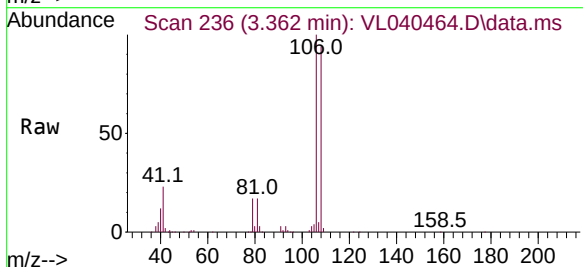
Manual Integrations
APPROVED

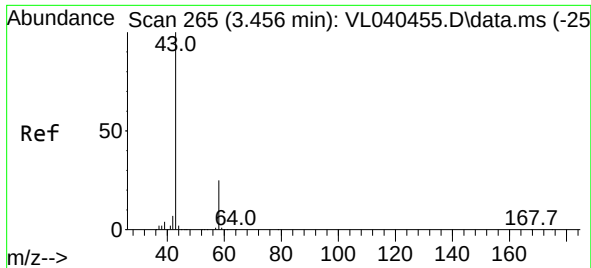
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#14
Bromoethene
Concen: 9.608 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

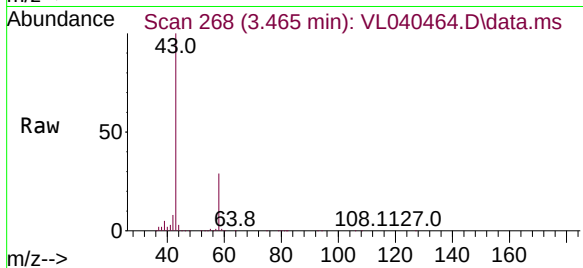
Tgt Ion:108 Resp: 539127
Ion Ratio Lower Upper
108 100
106 109.1 87.4 131.0
79 19.5 15.9 23.9





#15
Acetone
Concen: 8.858 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

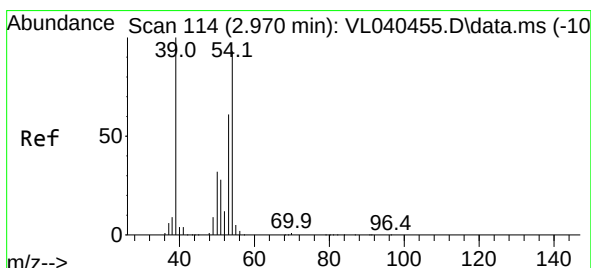
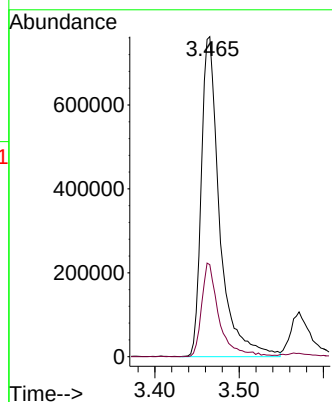
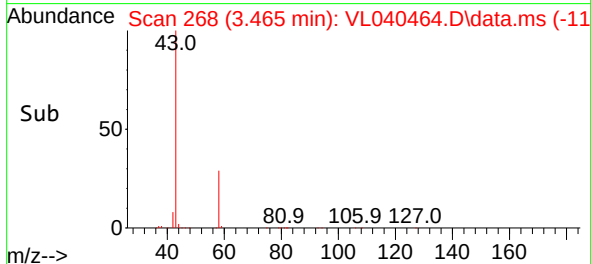
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



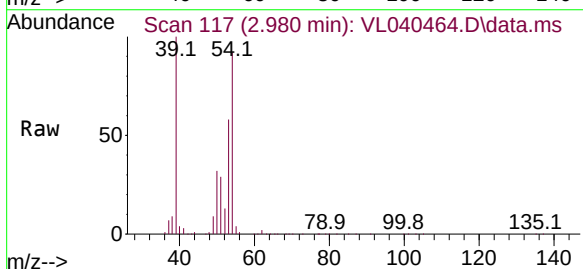
Tgt Ion: 43 Resp: 1157824
Ion Ratio Lower Upper
43 100
58 27.7 21.6 32.4

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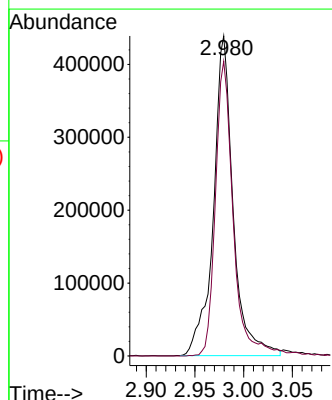
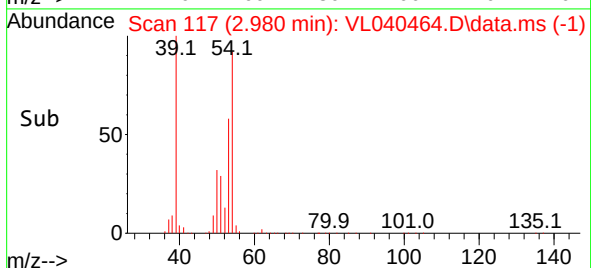
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

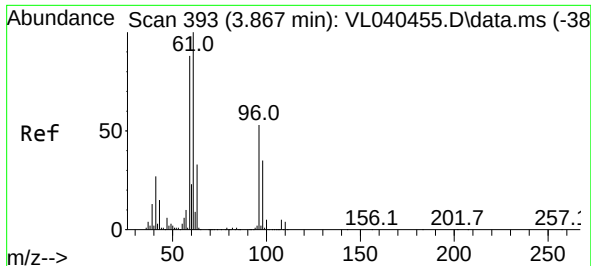


#16
1,3-Butadiene
Concen: 9.761 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44



Tgt Ion: 39 Resp: 620956
Ion Ratio Lower Upper
39 100
54 84.2 66.9 100.3





#17

tert-Butyl alcohol

Concen: 10.021 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1076689

Ion Ratio Lower Upper

59 100

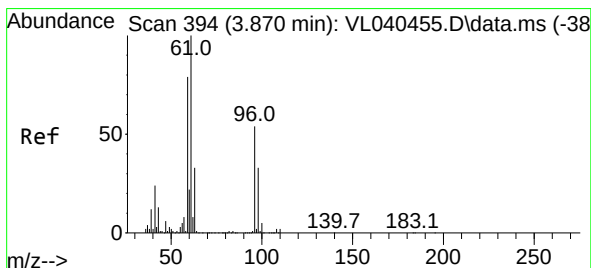
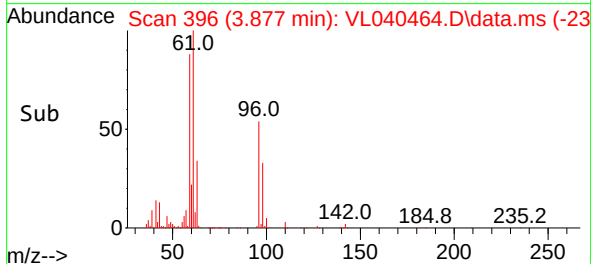
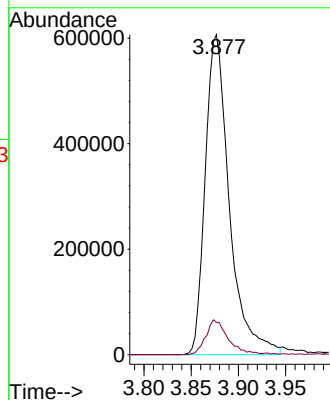
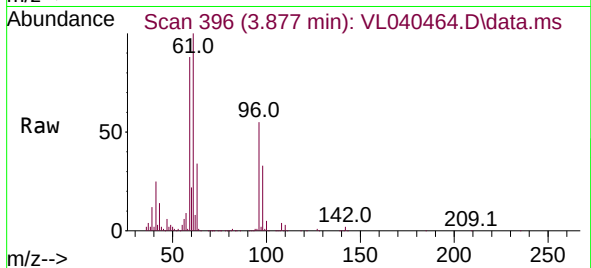
57 10.4 8.8 13.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#18

1,1-Dichloroethene

Concen: 9.682 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

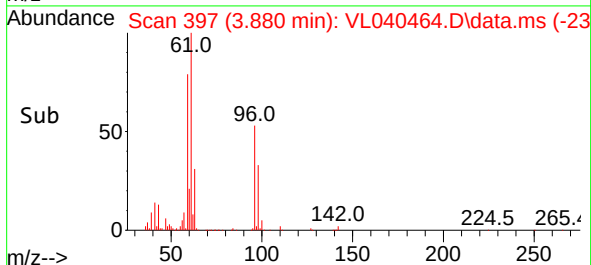
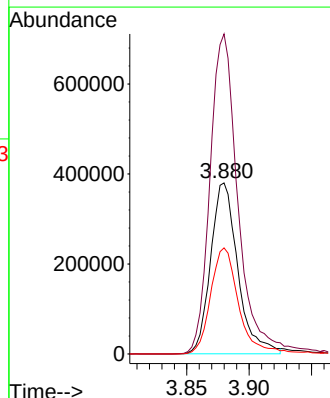
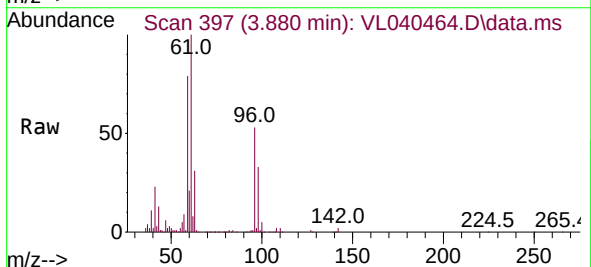
Tgt Ion: 96 Resp: 578762

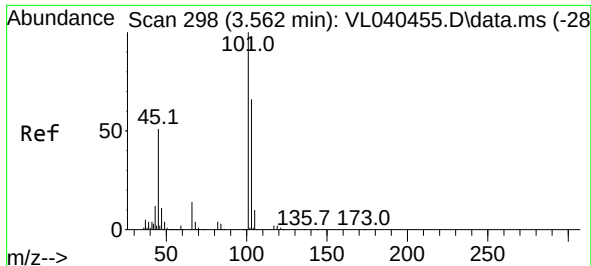
Ion Ratio Lower Upper

96 100

61 187.0 149.5 224.3

98 62.0 48.7 73.1





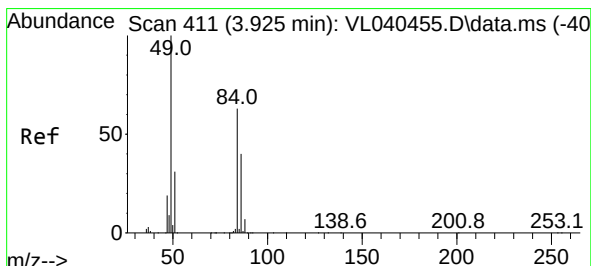
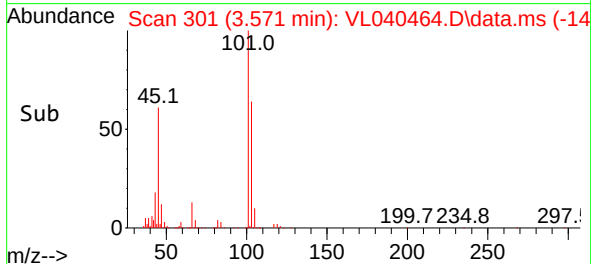
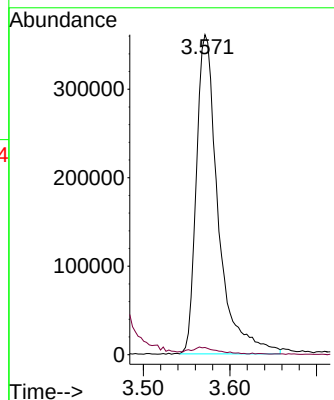
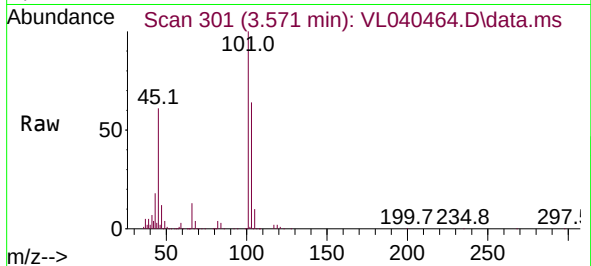
#19
Isopropyl Alcohol
Concen: 10.020 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 631230
Ion Ratio Lower Upper
45 100
58 3.3 2.6 4.0

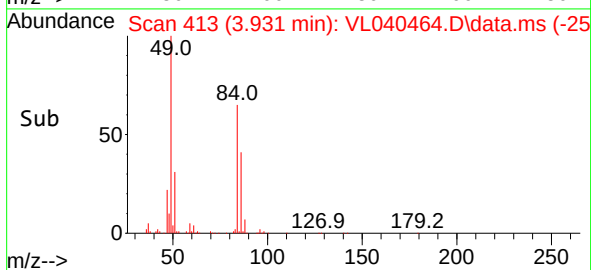
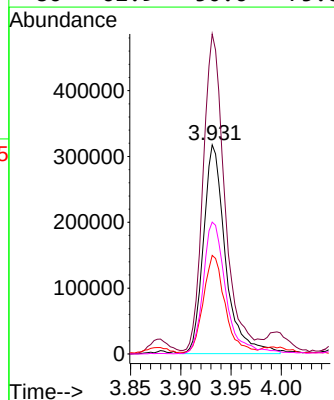
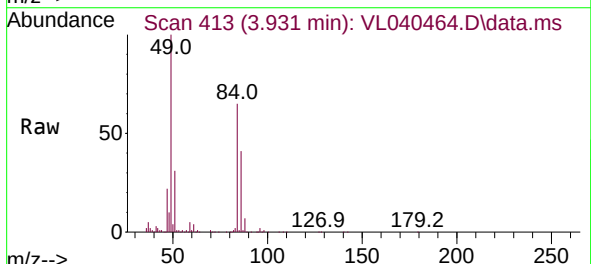
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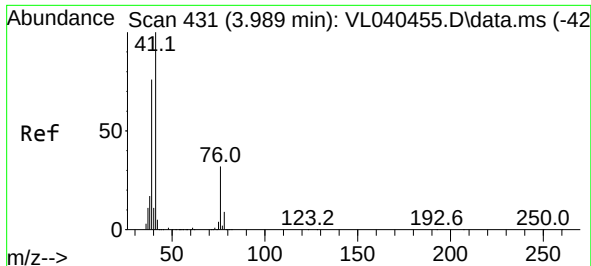
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#20
Methylene Chloride
Concen: 8.673 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

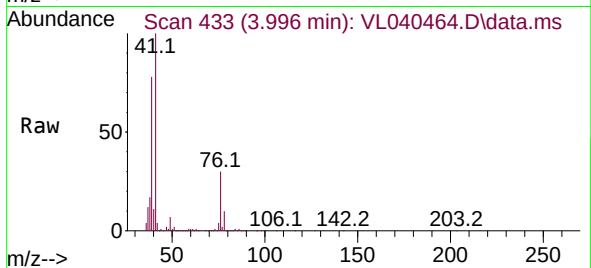
Tgt Ion: 84 Resp: 483817
Ion Ratio Lower Upper
84 100
49 151.6 126.2 189.2
51 46.4 38.7 58.1
86 62.9 50.6 75.8





#21
 Allyl Chloride
 Concen: 9.915 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

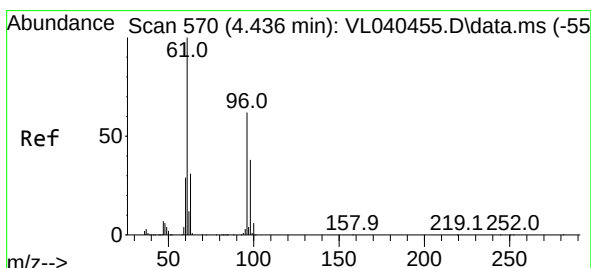
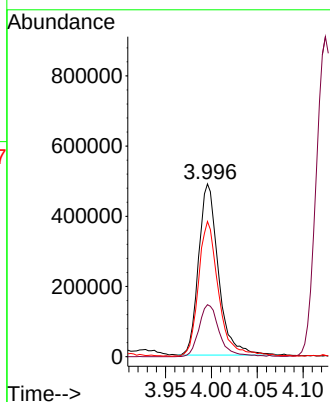
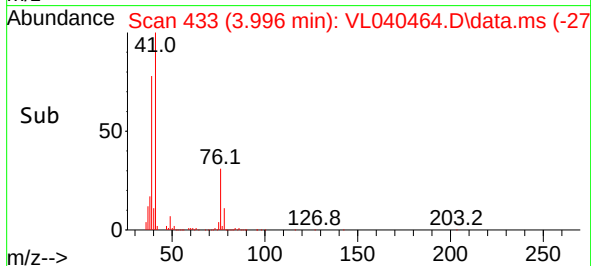
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 731999
 Ion Ratio Lower Upper
 41 100
 76 31.7 26.1 39.1
 39 80.6 63.9 95.9

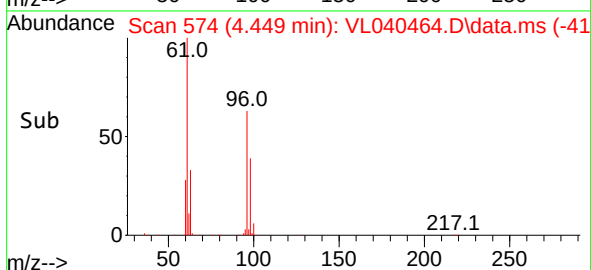
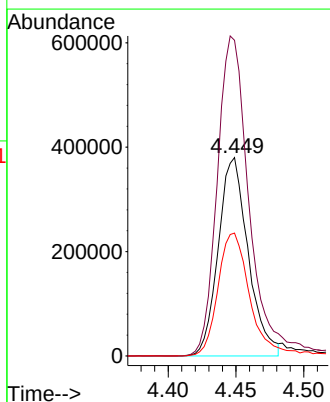
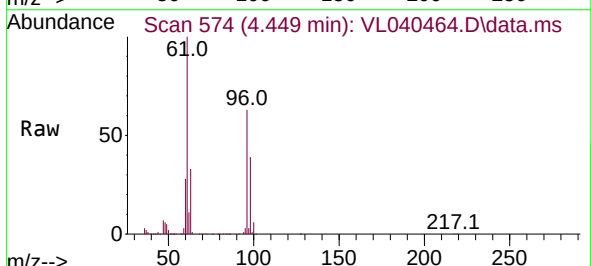
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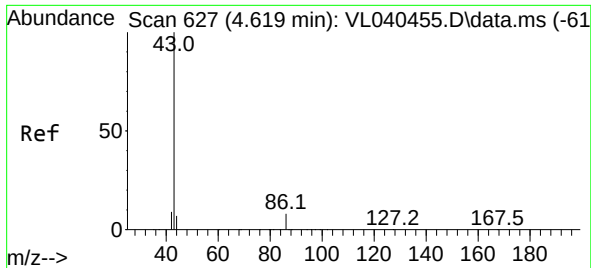
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.529 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.013 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

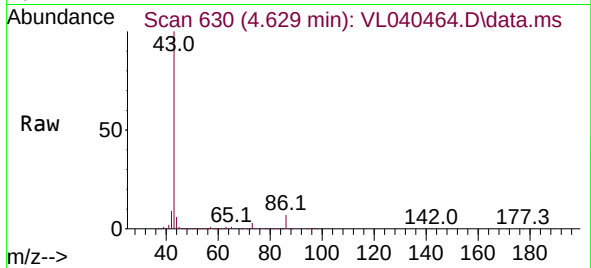
Tgt Ion: 96 Resp: 584434
 Ion Ratio Lower Upper
 96 100
 61 159.1 128.1 192.1
 98 61.8 48.2 72.4





#23
 Vinyl Acetate
 Concen: 9.843 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

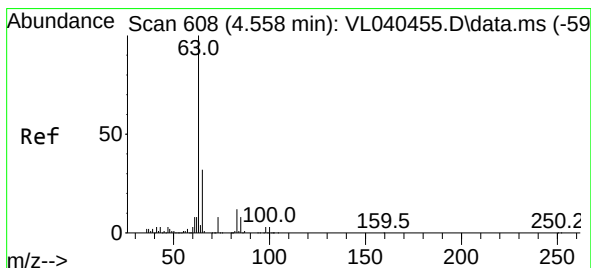
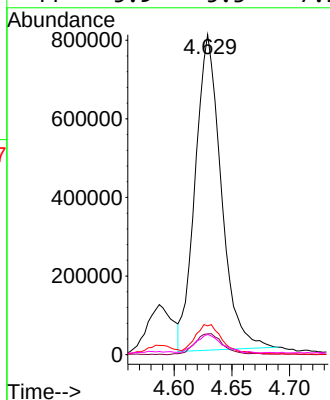
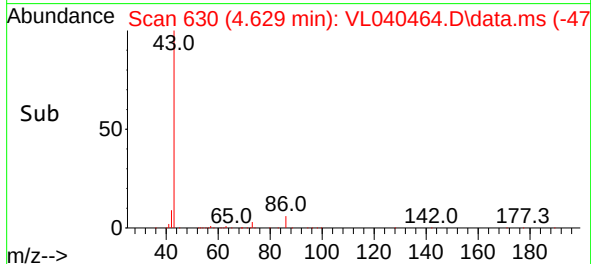


Tgt Ion: 43 Resp: 125661

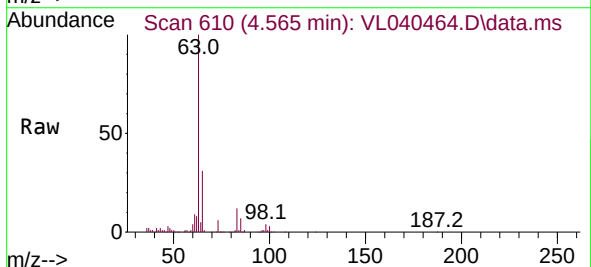
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.8	8.6
42	8.9	7.4	11.2
44	5.9	5.3	7.9

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

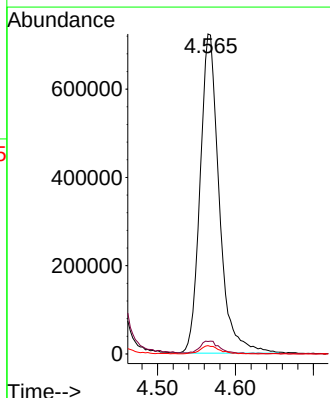
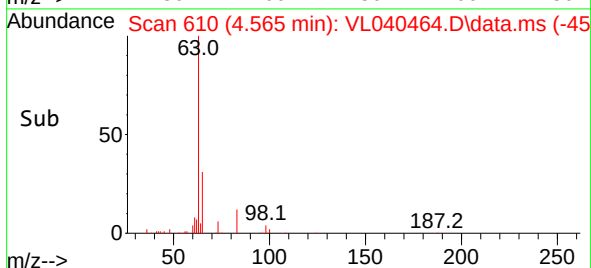


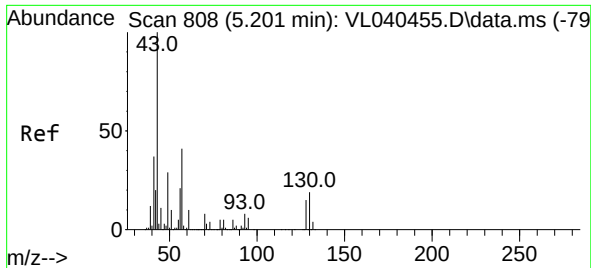
#24
 1,1-Dichloroethane
 Concen: 9.600 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44



Tgt Ion: 63 Resp: 1229341

Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.5
100	2.5	1.4	4.0





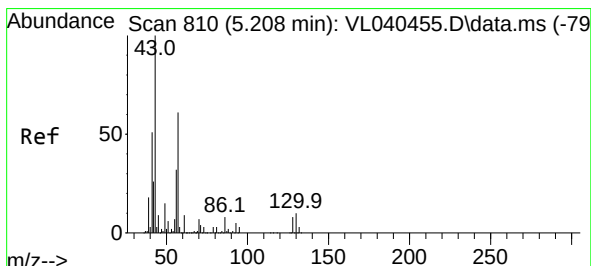
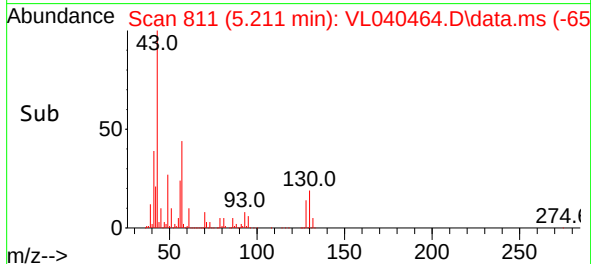
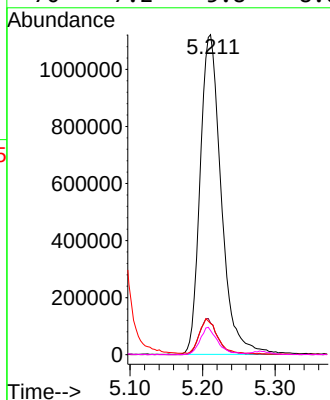
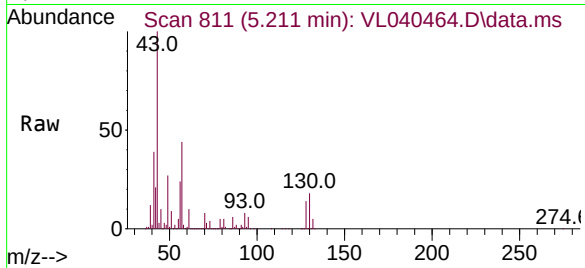
#25
Ethyl Acetate
Concen: 9.550 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2261860
Ion Ratio Lower Upper
43 100
45 10.1 8.0 12.0
61 10.3 8.1 12.1
70 7.2 5.8 8.6

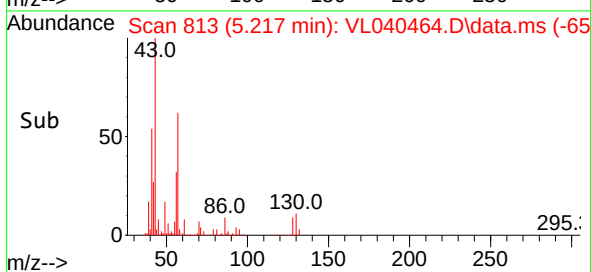
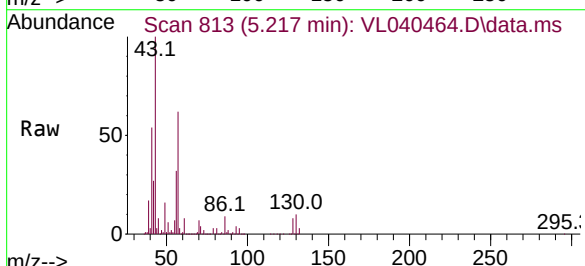
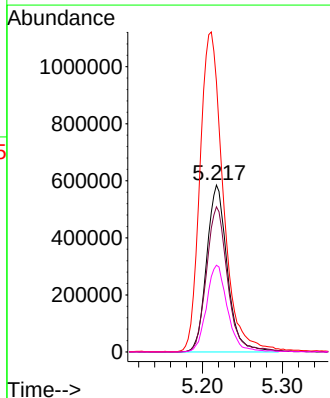
Manual Integrations
APPROVED

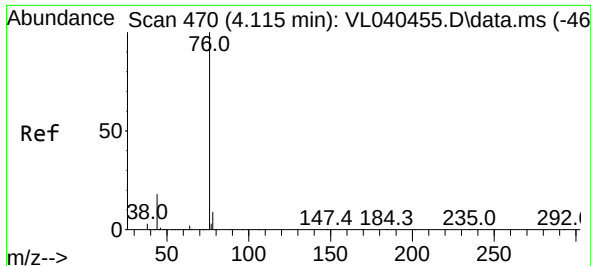
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#26
Hexane
Concen: 9.337 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

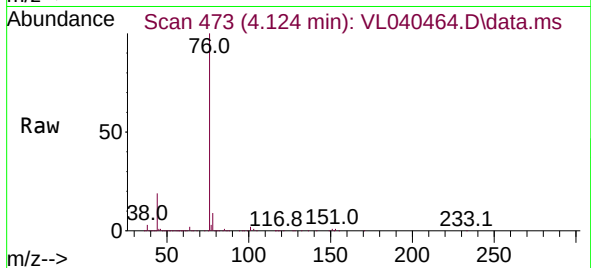
Tgt Ion: 57 Resp: 1047196
Ion Ratio Lower Upper
57 100
41 90.4 73.0 109.6
43 217.5 177.5 266.3
56 53.4 43.6 65.4





#27
Carbon Disulfide
Concen: 10.558 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

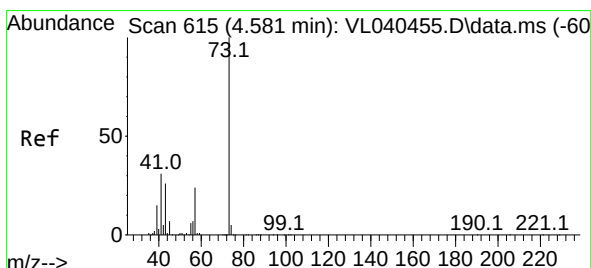
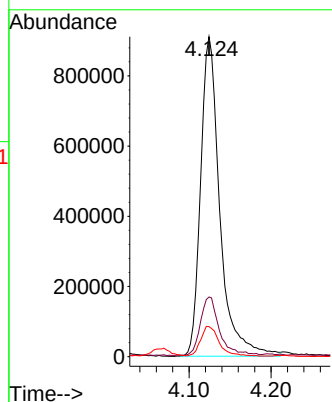
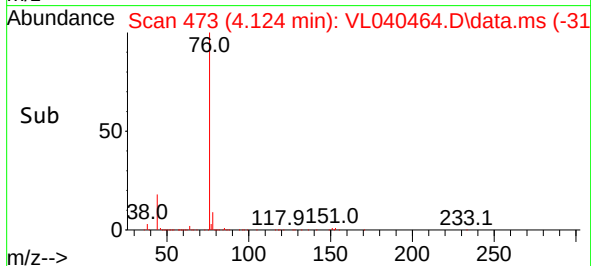
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 148091
Ion Ratio Lower Upper
76 100
44 18.5 14.6 22.0
78 9.5 7.6 11.4

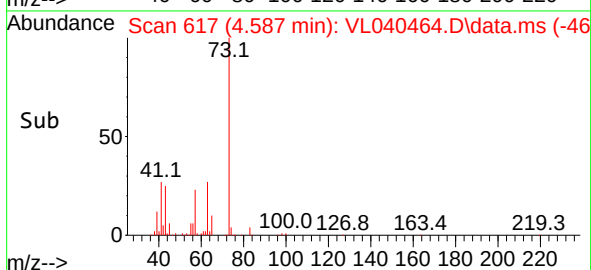
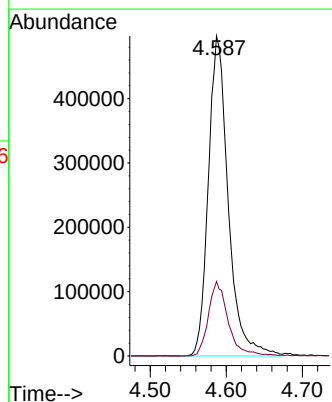
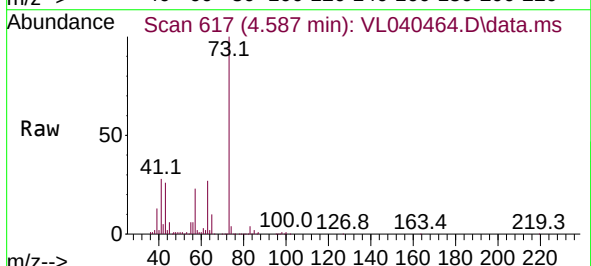
Manual Integrations
APPROVED

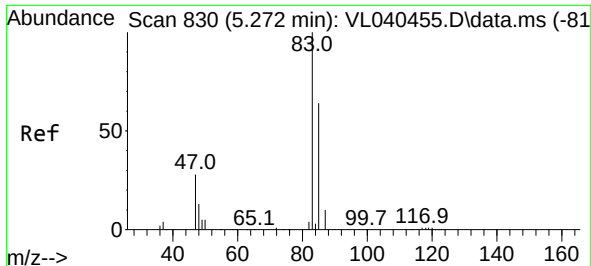
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#28
Methyl tert-Butyl Ether
Concen: 10.443 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

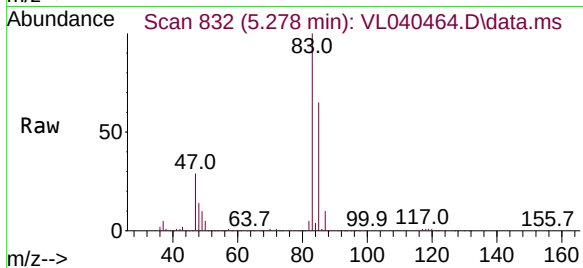
Tgt Ion: 73 Resp: 901666
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.4





#29
Chloroform
Concen: 9.430 ppbv
RT: 5.278 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

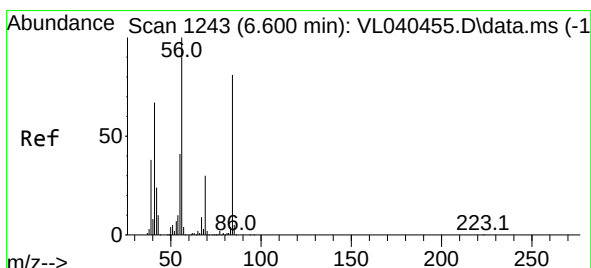
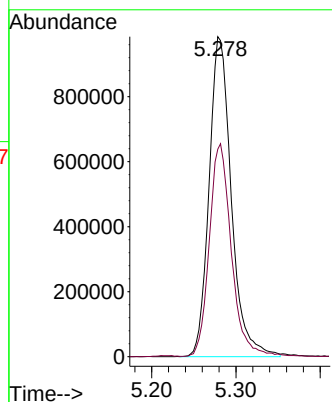
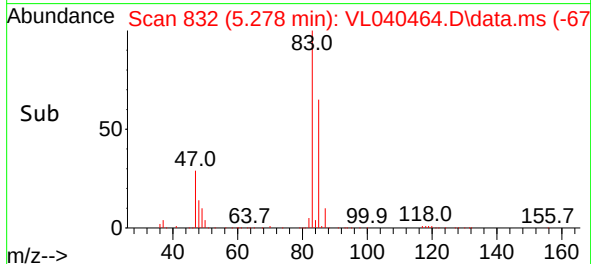
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 180158
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7

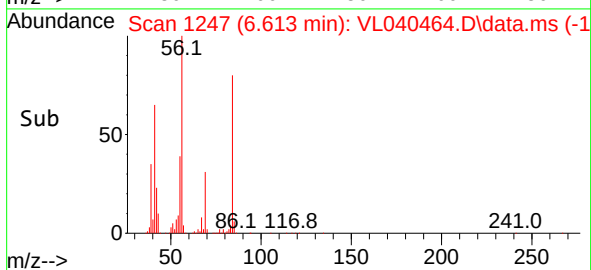
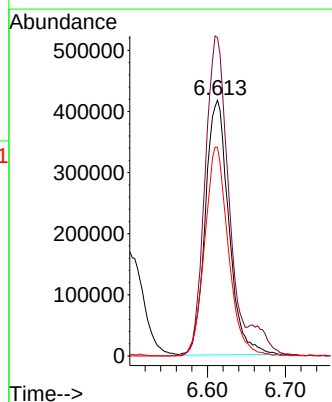
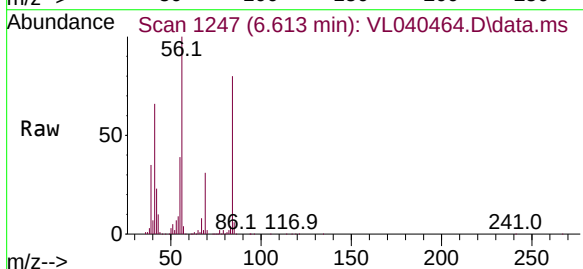
Manual Integrations
APPROVED

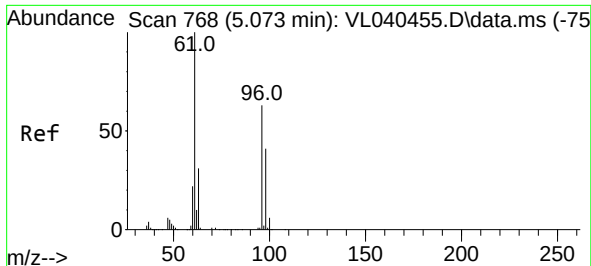
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#30
Cyclohexane
Concen: 9.653 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.013 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

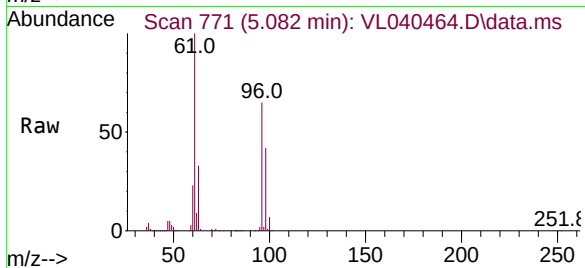
Tgt Ion: 84 Resp: 872385
Ion Ratio Lower Upper
84 100
56 133.7 106.0 159.0
41 82.5 66.8 100.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.213 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

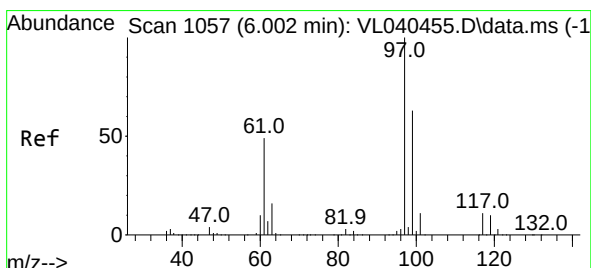
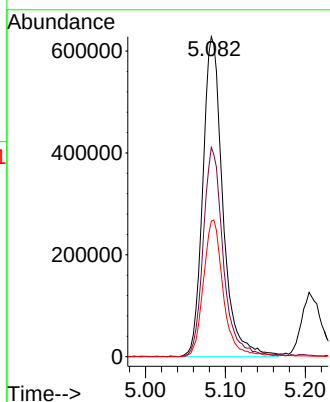
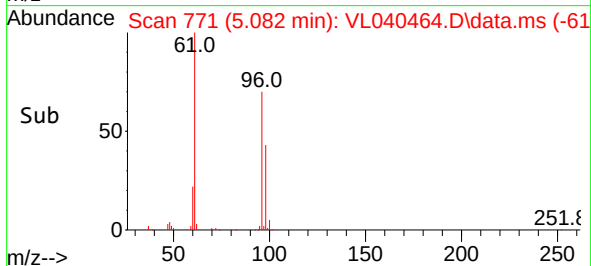
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 109582
 Ion Ratio Lower Upper
 61 100
 96 65.3 50.2 75.4
 98 42.3 32.9 49.3

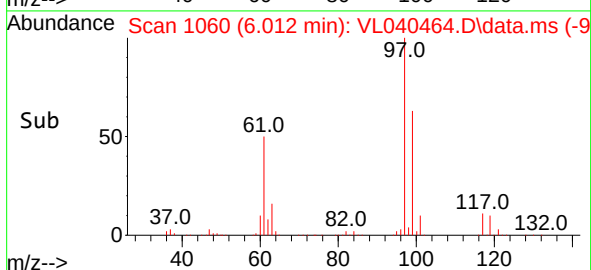
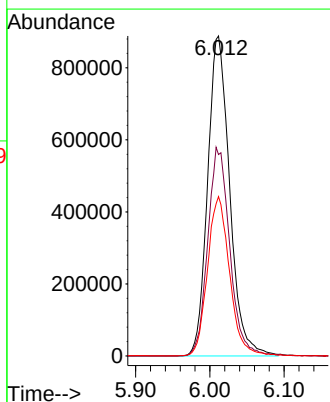
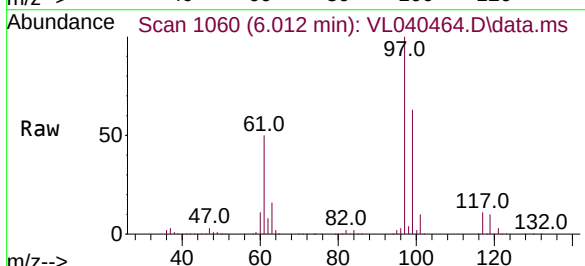
Manual Integrations
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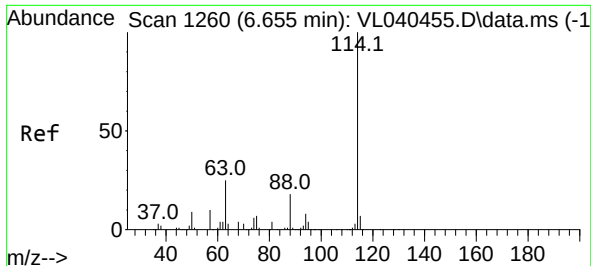
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.719 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.010 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

Tgt Ion: 97 Resp: 1832757
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.5 77.3
 61 50.1 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 271323

Ion Ratio Lower Upper

114 100

63 25.9 21.0 31.6

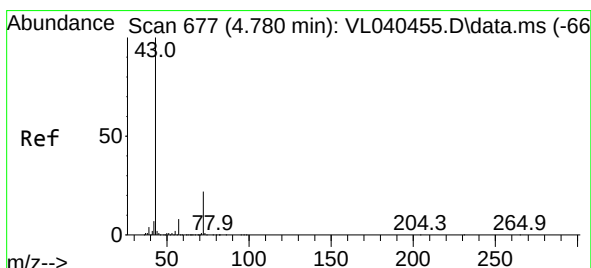
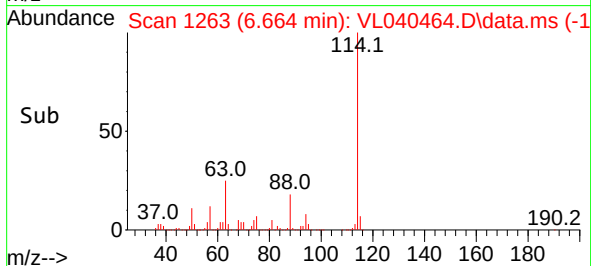
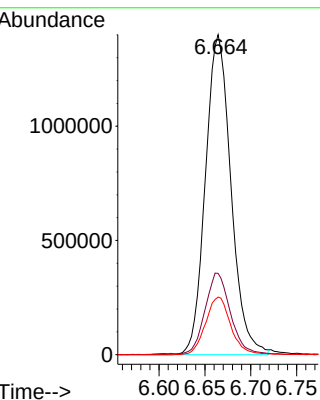
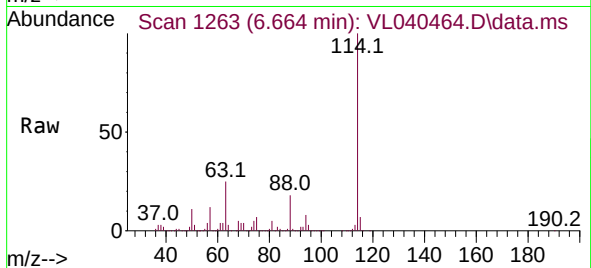
88 17.9 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

2-Butanone

Concen: 9.368 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.006 min

Lab File: VL040464.D

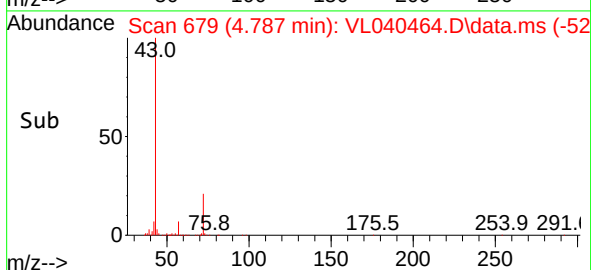
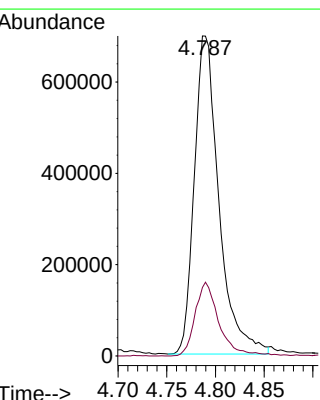
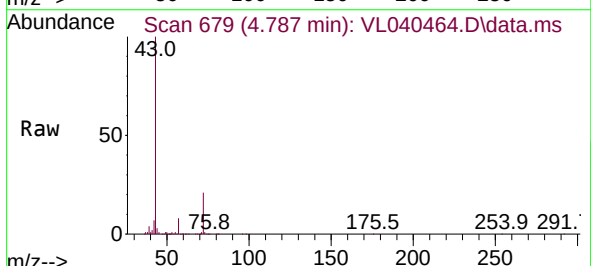
Acq: 15 Jun 2023 11:44

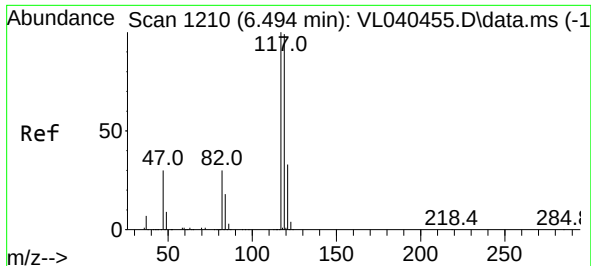
Tgt Ion: 43 Resp: 1225689

Ion Ratio Lower Upper

43 100

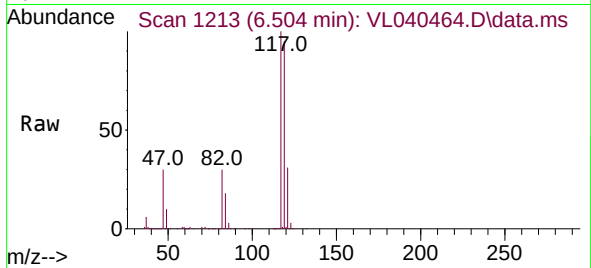
72 23.0 18.1 27.1





#35
Carbon Tetrachloride
Concen: 10.258 ppbv
RT: 6.504 min Scan# 1174
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

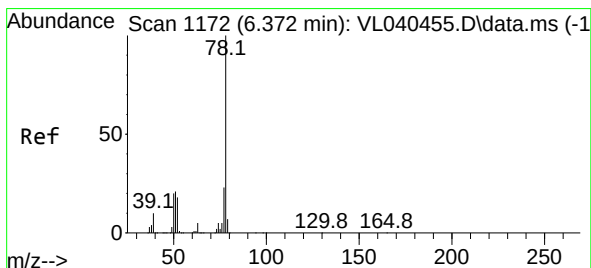
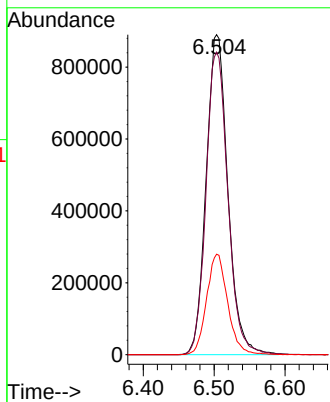
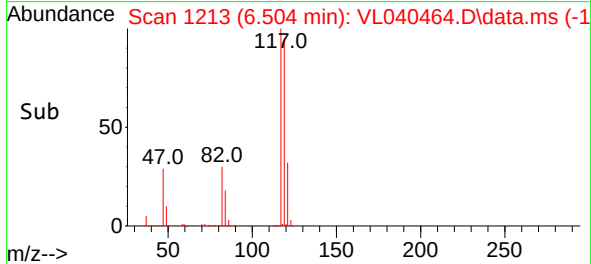
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1896715
Ion Ratio Lower Upper
117 100
119 94.5 79.1 118.7
121 31.4 26.0 39.0

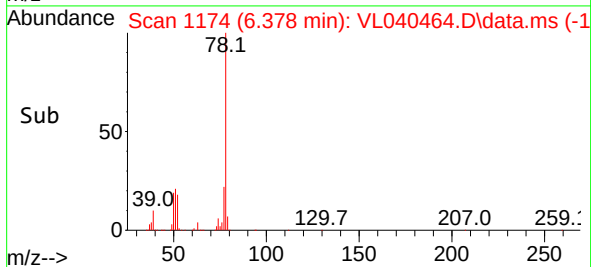
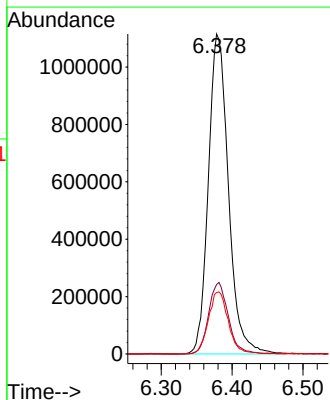
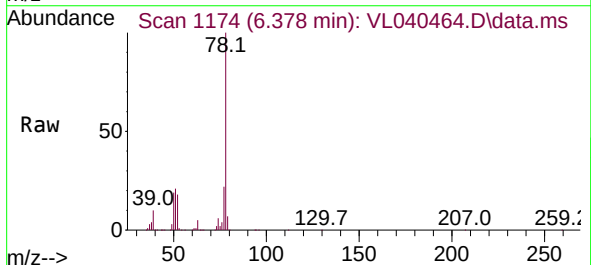
Manual Integrations
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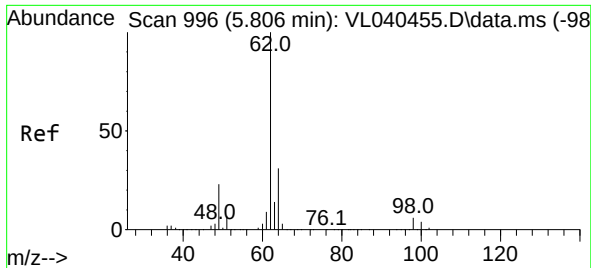
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#36
Benzene
Concen: 10.167 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

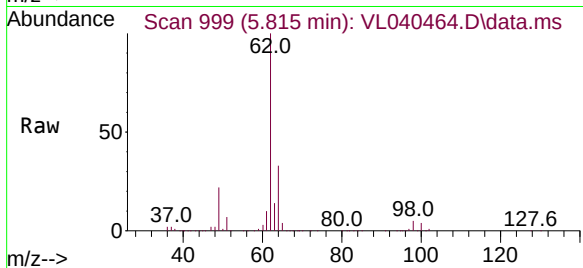
Tgt Ion: 78 Resp: 2194198
Ion Ratio Lower Upper
78 100
77 21.7 18.5 27.7
50 19.2 16.1 24.1





#37
1,2-Dichloroethane
Concen: 9.863 ppbv
RT: 5.815 min Scan# 996
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

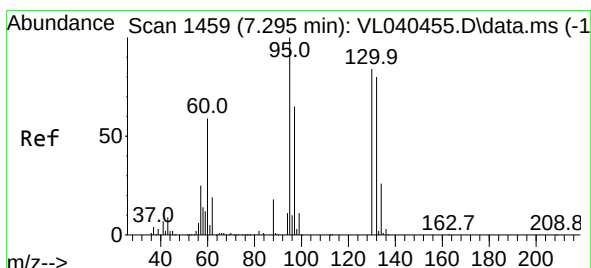
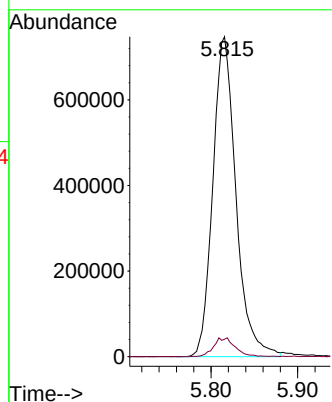
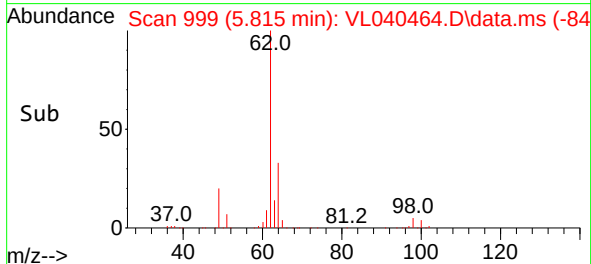
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



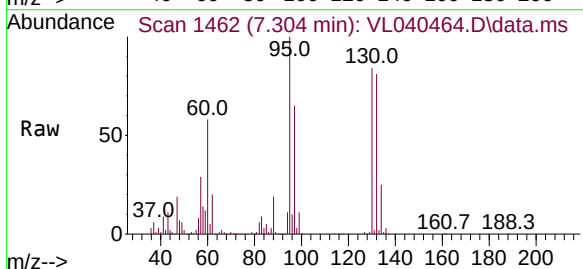
Tgt Ion: 62 Resp: 138675
Ion Ratio Lower Upper
62 100
98 5.6 4.6 6.8

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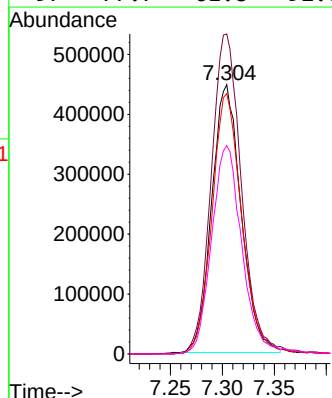
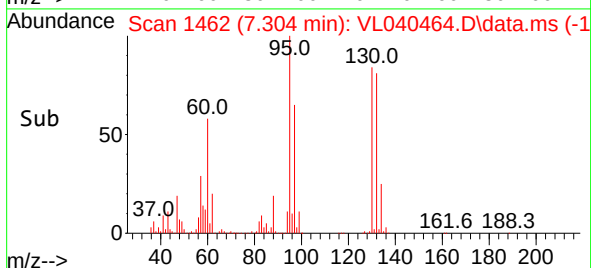
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

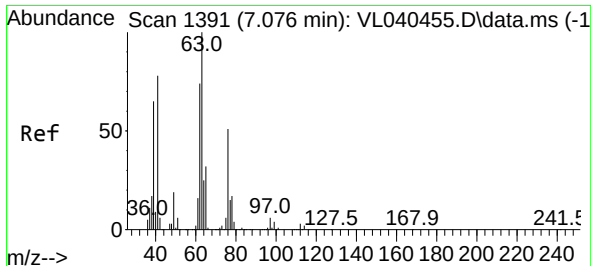


#38
Trichloroethene
Concen: 10.774 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44



Tgt Ion:130 Resp: 880993
Ion Ratio Lower Upper
130 100
95 119.2 95.4 143.0
132 97.0 76.3 114.5
97 77.7 61.8 92.6





#39

1,2-Dichloropropane

Concen: 10.060 ppbv

RT: 7.085 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 836924

Ion Ratio Lower Upper

63 100

41 77.7 62.2 93.2

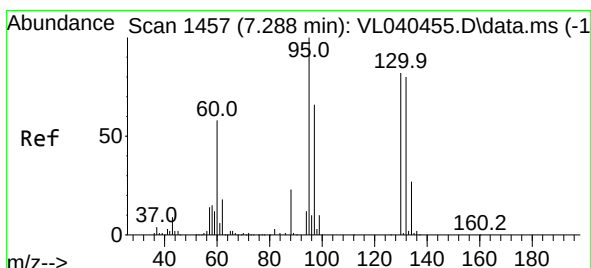
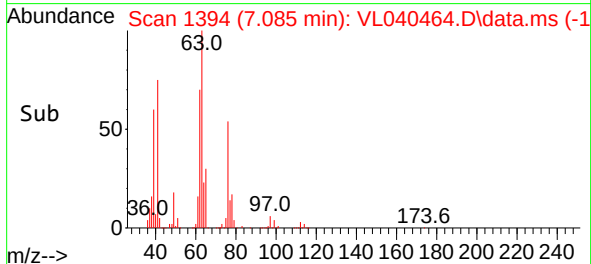
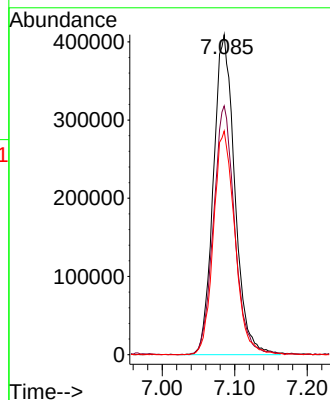
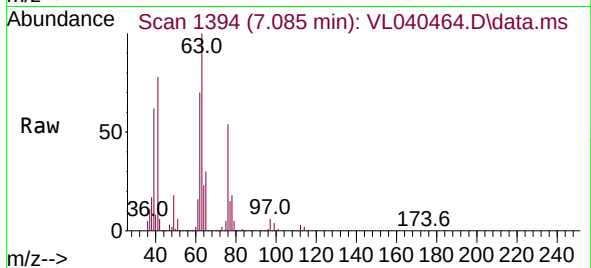
62 69.9 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#40

1,4-Dioxane

Concen: 9.485 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.016 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Tgt Ion: 88 Resp: 223528

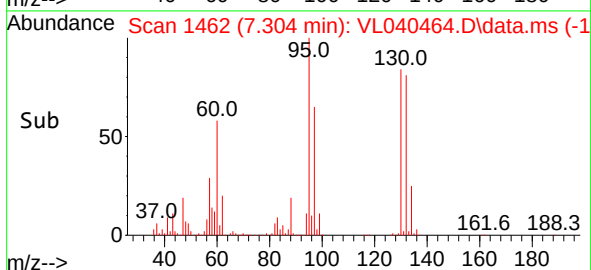
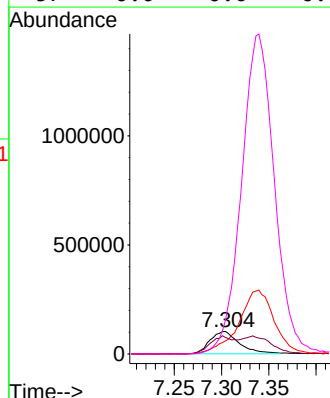
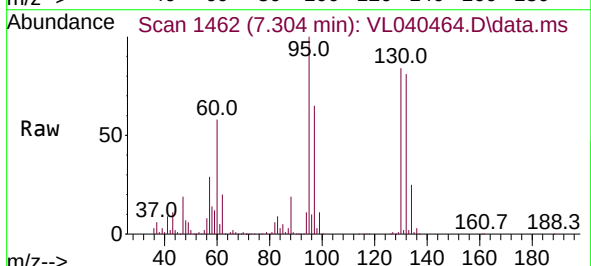
Ion Ratio Lower Upper

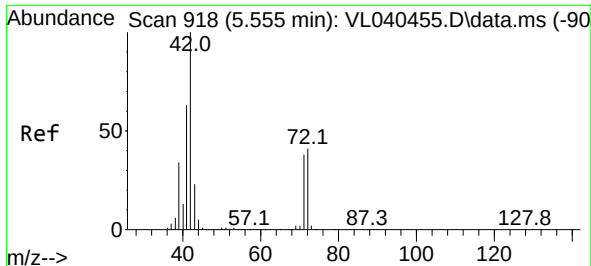
88 100

58 71.9 0.0 0.0#

43 0.0 0.0 0.0

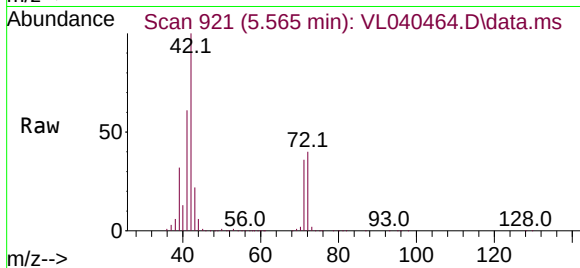
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.347 ppbv
RT: 5.565 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

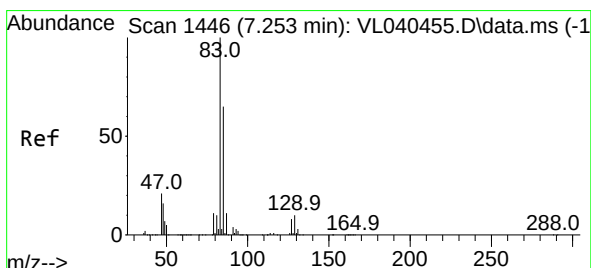
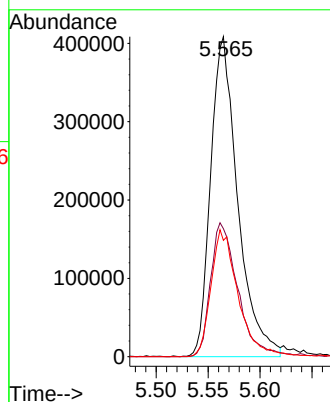
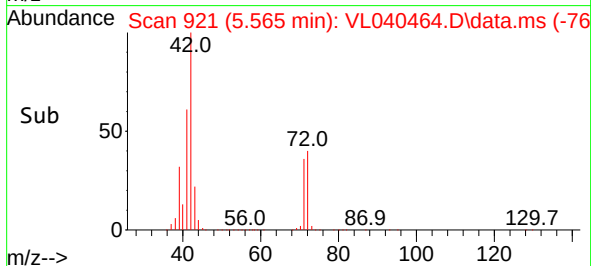
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 739944
Ion Ratio Lower Upper
42 100
72 42.6 33.8 50.8
71 39.7 32.3 48.5

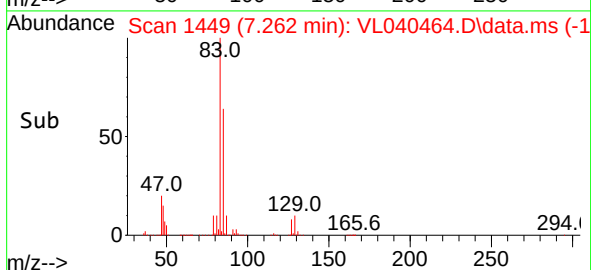
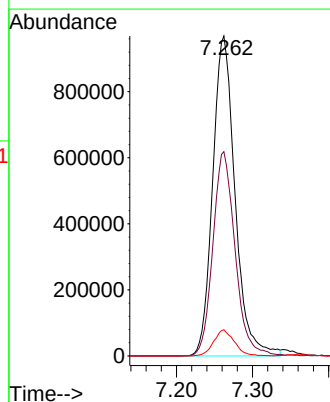
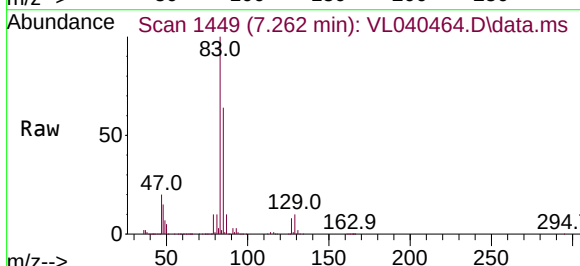
Manual Integrations
APPROVED

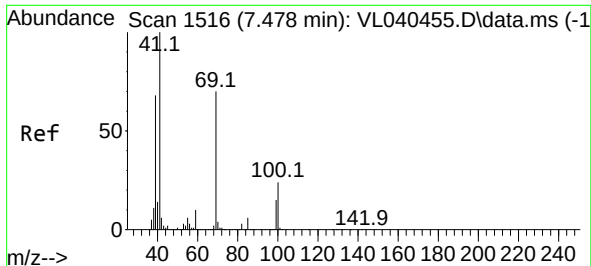
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#42
Bromodichloromethane
Concen: 10.214 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

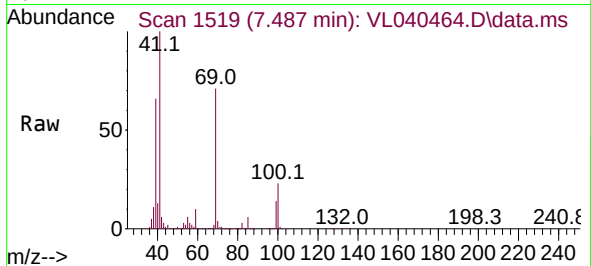
Tgt Ion: 83 Resp: 1977615
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.6
127 8.2 6.1 9.1





#43
Methyl Methacrylate
Concen: 11.190 ppbv
RT: 7.487 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

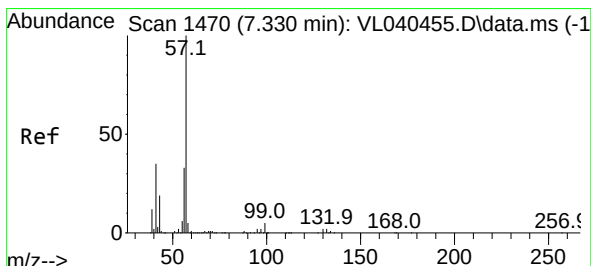
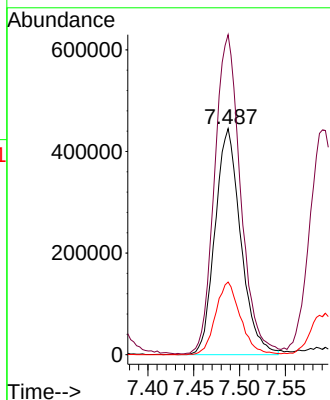
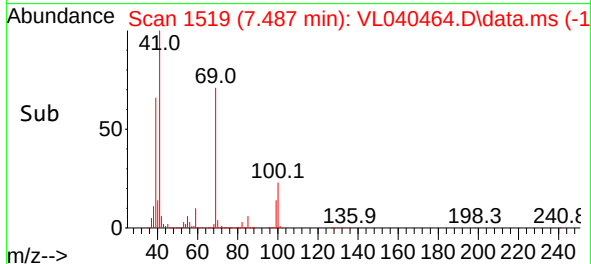
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



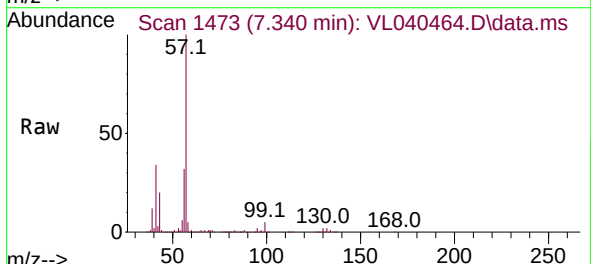
Tgt Ion: 69 Resp: 867568
Ion Ratio Lower Upper
69 100
41 144.1 114.3 171.5
100 31.2 25.4 38.2

Manual Integrations
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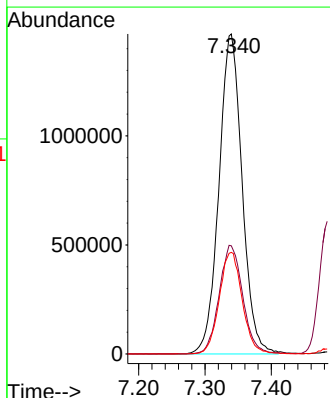
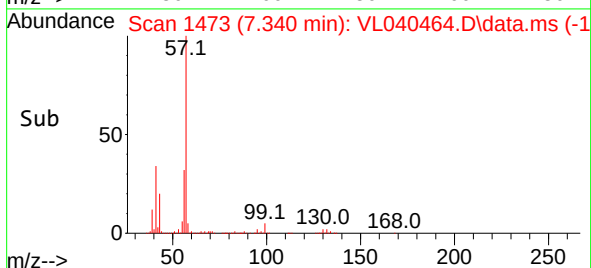
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

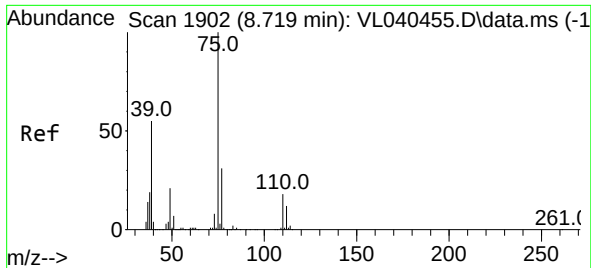


#44
2,2,4-Trimethylpentane
Concen: 10.104 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44



Tgt Ion: 57 Resp: 3563831
Ion Ratio Lower Upper
57 100
41 34.8 27.8 41.8
56 31.7 25.3 37.9





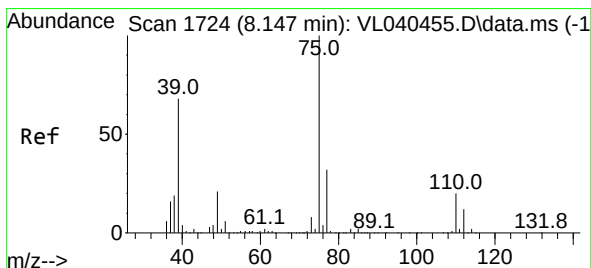
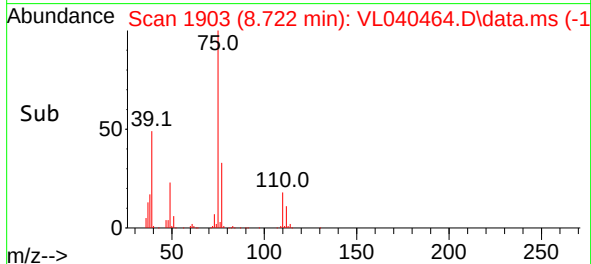
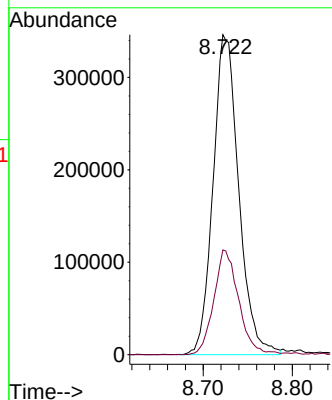
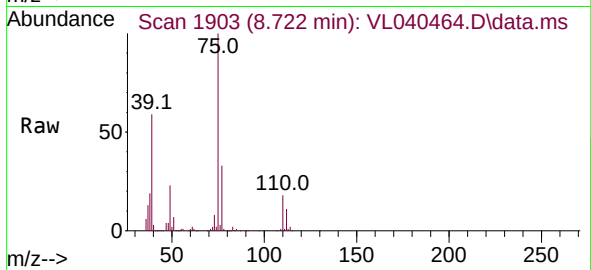
#45
t-1,3-Dichloropropene
Concen: 12.120 ppbv
RT: 8.722 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 693829
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4

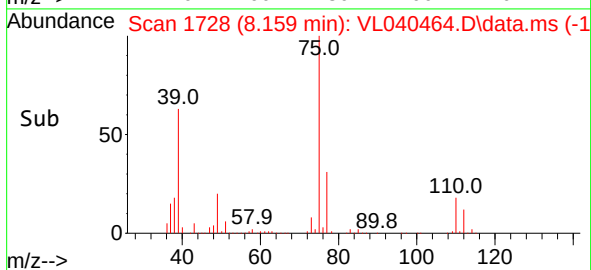
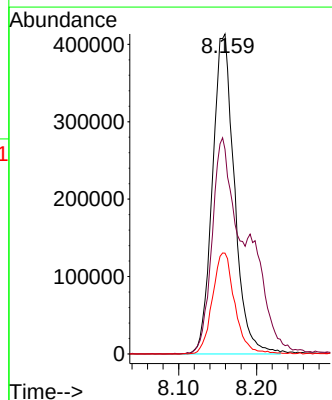
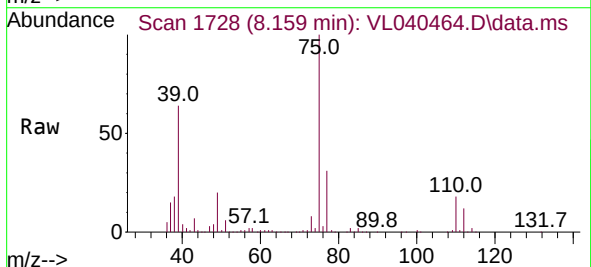
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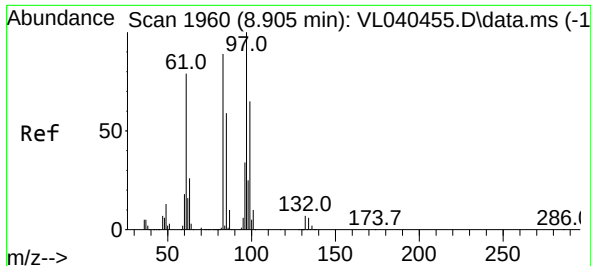
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#46
cis-1,3-Dichloropropene
Concen: 11.596 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.013 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 75 Resp: 809261
Ion Ratio Lower Upper
75 100
39 63.9 54.2 81.4
77 31.5 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 10.034 ppbv

RT: 8.915 min Scan# 1963

Delta R.T. 0.010 min

Lab File: VL040464.D

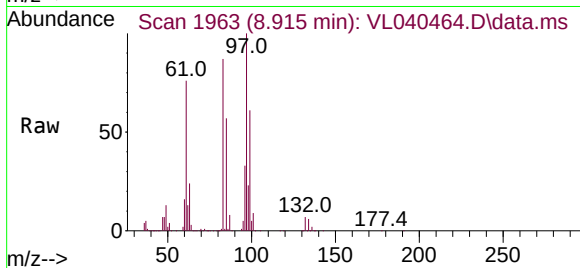
Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 91750

Ion Ratio Lower Upper

97 100

83 86.6 71.4 107.2

85 56.9 47.2 70.8

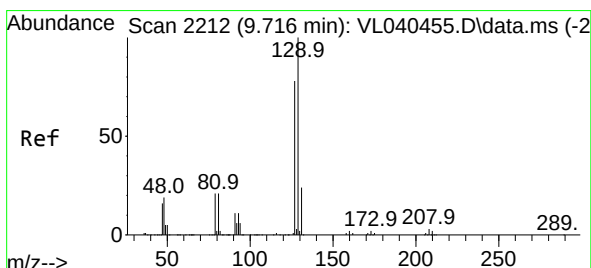
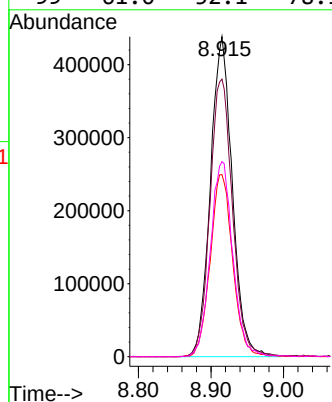
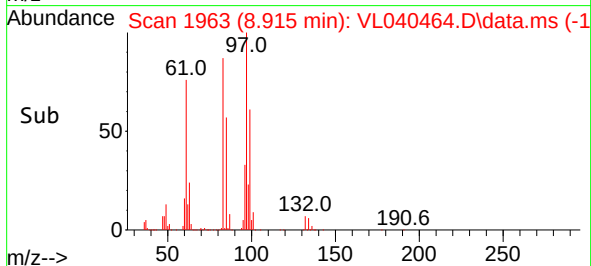
99 61.0 52.1 78.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#48

Dibromochloromethane

Concen: 10.670 ppbv

RT: 9.728 min Scan# 2216

Delta R.T. 0.013 min

Lab File: VL040464.D

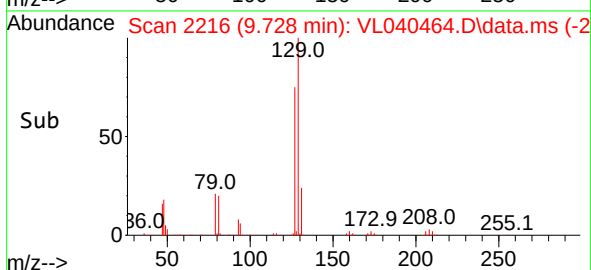
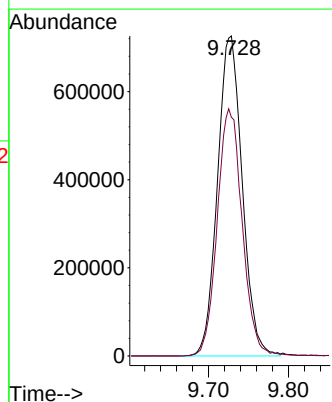
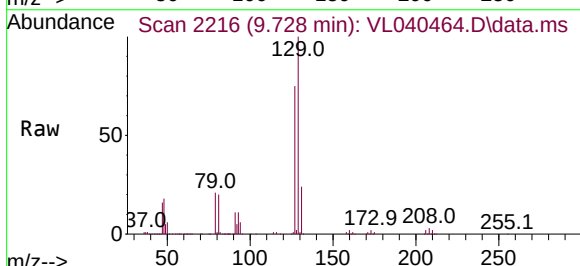
Acq: 15 Jun 2023 11:44

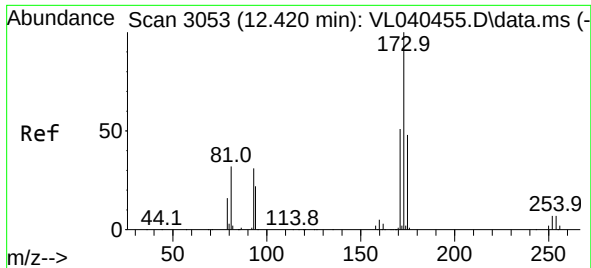
Tgt Ion:129 Resp: 1559806

Ion Ratio Lower Upper

129 100

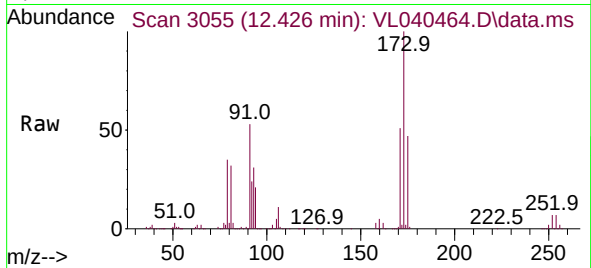
127 78.0 39.4 118.1





#49
Bromoform
Concen: 10.869 ppbv
RT: 12.426 min Scan# 3055
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

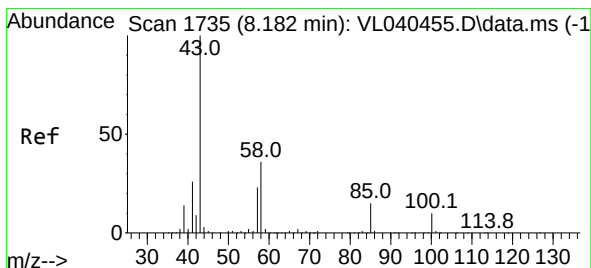
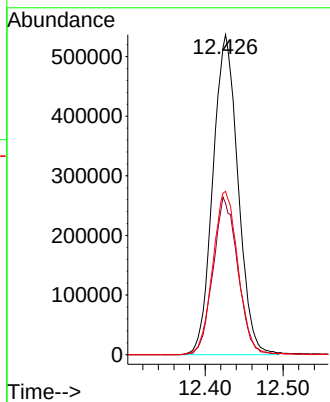
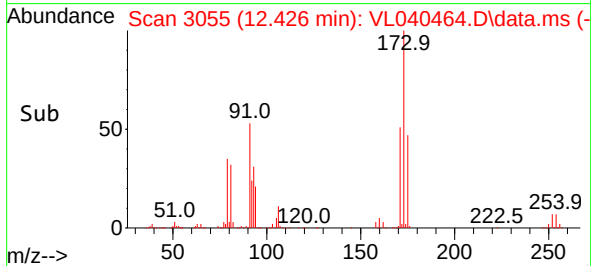
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 120216
Ion Ratio Lower Upper
173 100
175 48.6 39.2 58.8
171 51.7 42.2 63.2

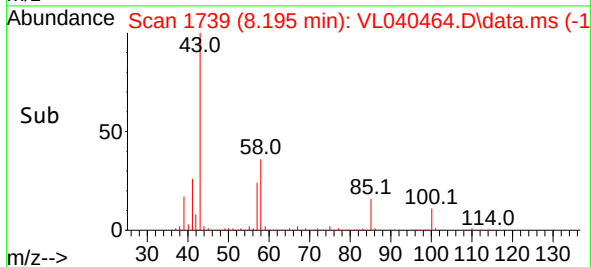
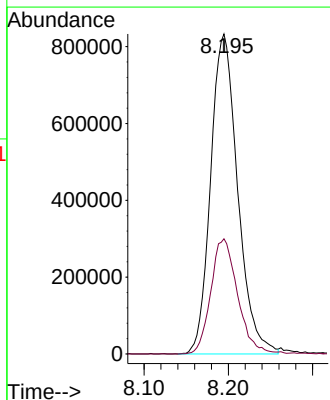
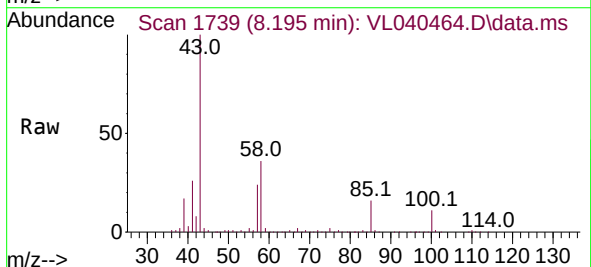
Manual Integrations
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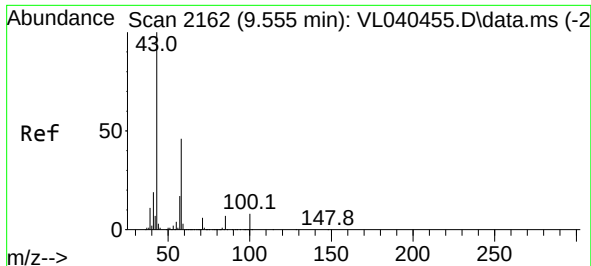
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#50
4-Methyl-2-Pentanone
Concen: 10.587 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.013 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

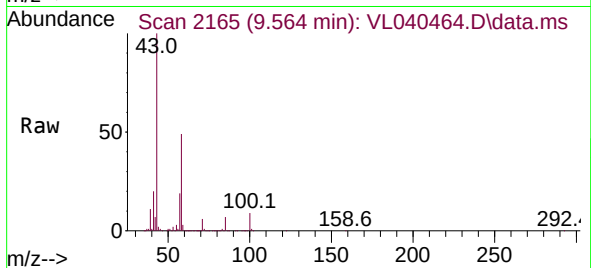
Tgt Ion: 43 Resp: 1855157
Ion Ratio Lower Upper
43 100
58 36.0 28.2 42.4





#51
2-Hexanone
Concen: 10.925 ppbv
RT: 9.564 min Scan# 2162
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

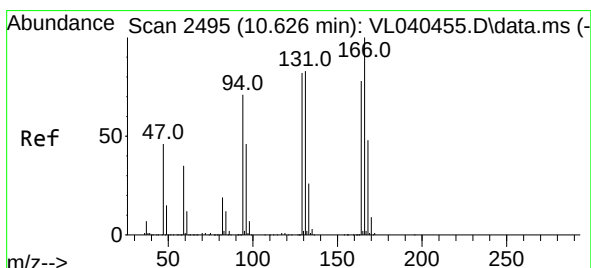
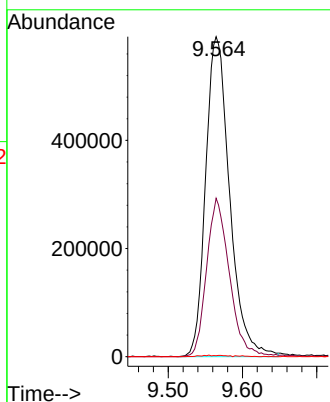
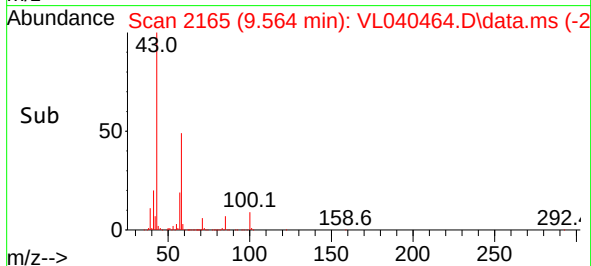
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



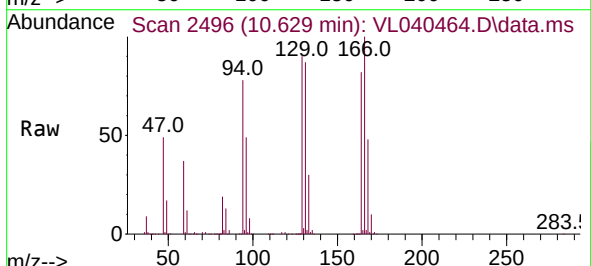
Tgt Ion: 43 Resp: 1329104
Ion Ratio Lower Upper
43 100
58 47.4 37.1 55.7
98 0.6 0.5 0.7

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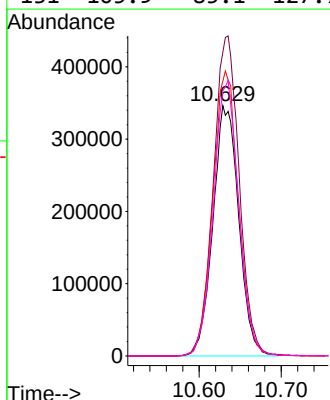
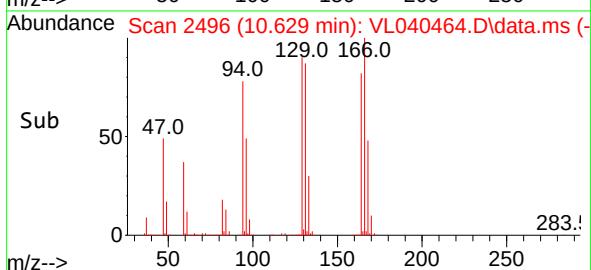
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

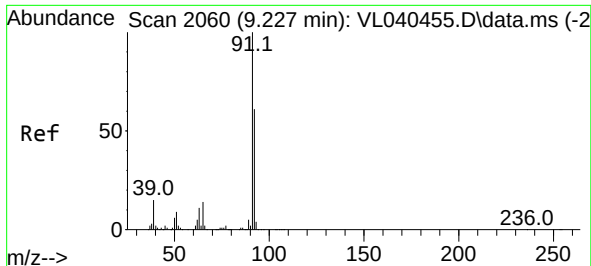


#52
Tetrachloroethene
Concen: 11.179 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44



Tgt Ion:164 Resp: 757538
Ion Ratio Lower Upper
164 100
166 121.2 102.7 154.1
129 109.6 84.6 126.8
131 105.9 85.1 127.7





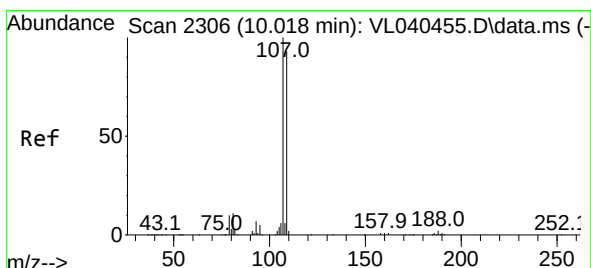
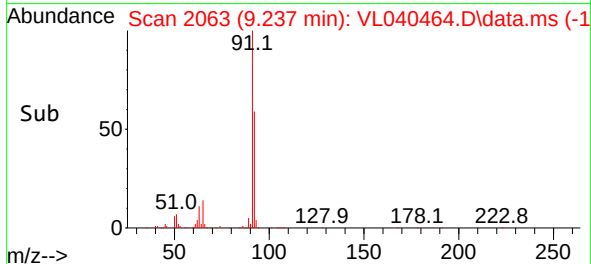
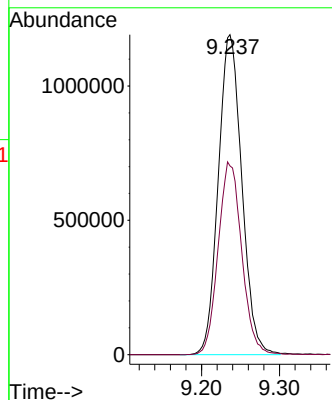
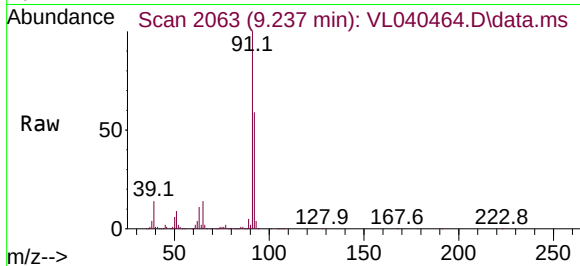
#53
Toluene
Concen: 10.996 ppbv
RT: 9.237 min Scan# 2060
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 249959
Ion Ratio Lower Upper
91 100
92 60.4 49.1 73.7

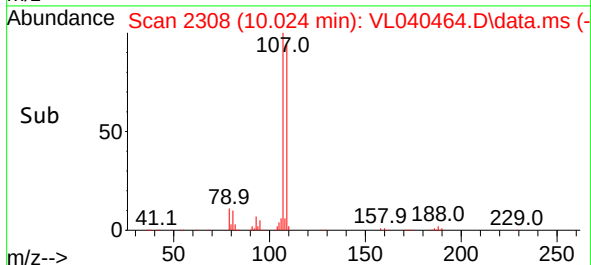
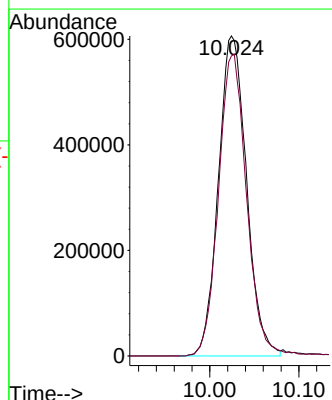
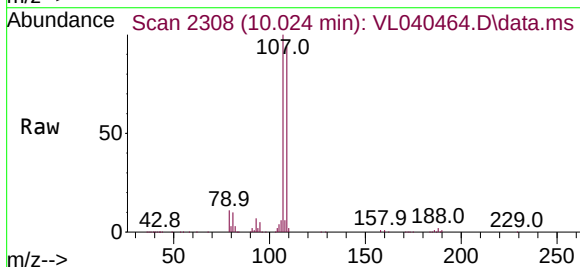
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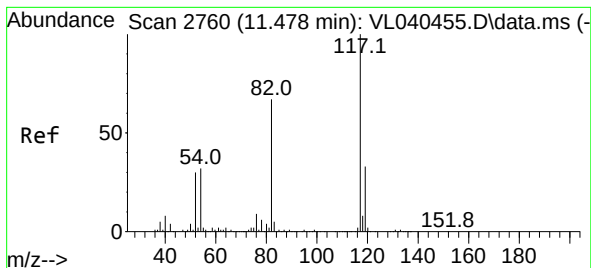
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#54
1,2-Dibromoethane
Concen: 11.091 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion:107 Resp: 1329518
Ion Ratio Lower Upper
107 100
109 93.7 74.5 111.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.484 min Scan# 2760

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 2752390

Ion Ratio Lower Upper

117 100

82 62.8 53.0 79.4

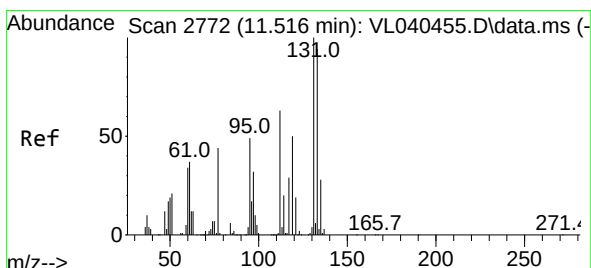
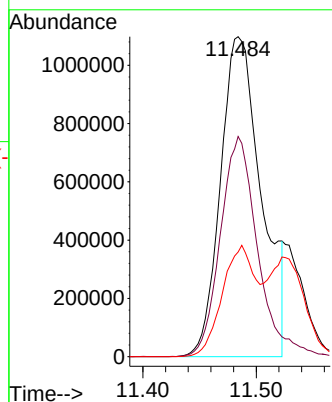
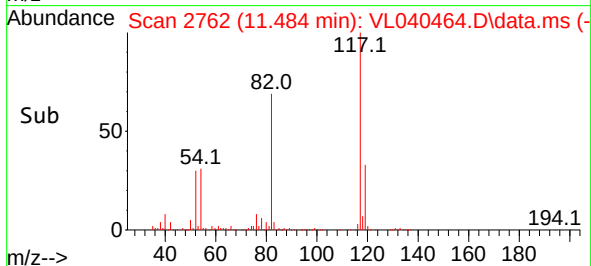
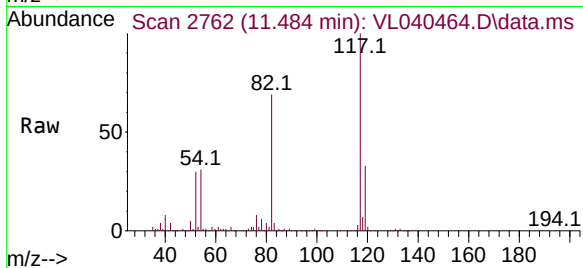
119 28.0 24.4 36.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 9.149 ppbv

RT: 11.529 min Scan# 2776

Delta R.T. 0.013 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

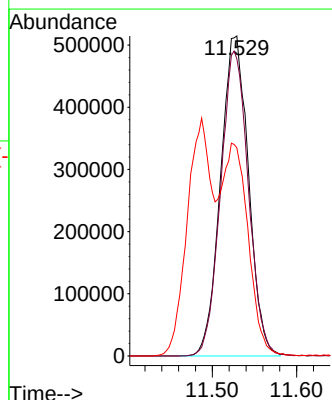
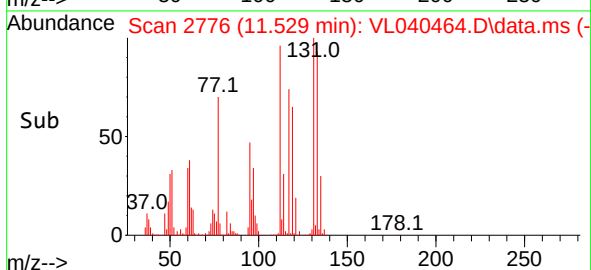
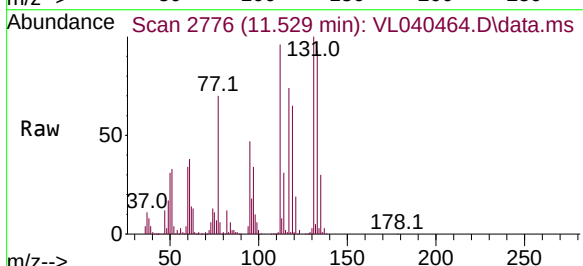
Tgt Ion:131 Resp: 1183540

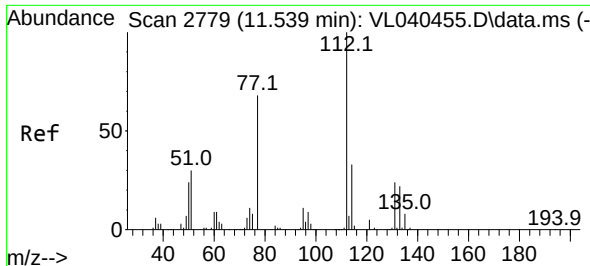
Ion Ratio Lower Upper

131 100

133 94.9 75.7 113.5

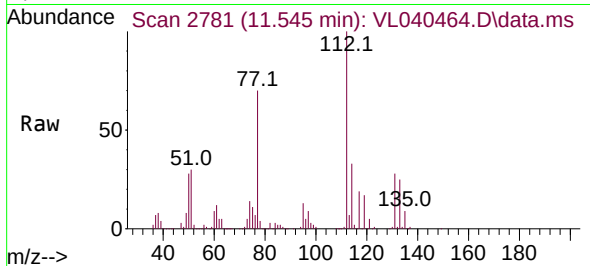
119 65.7 51.4 77.2





#57
Chlorobenzene
Concen: 9.255 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

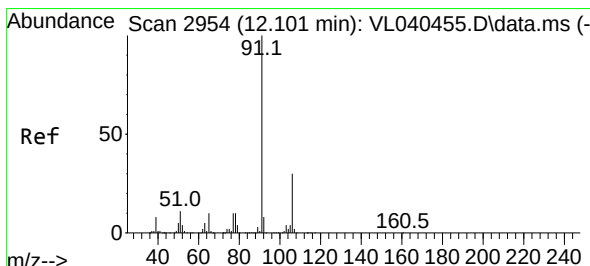
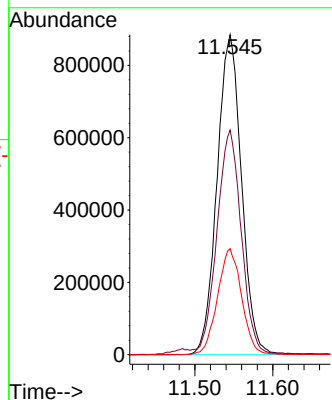
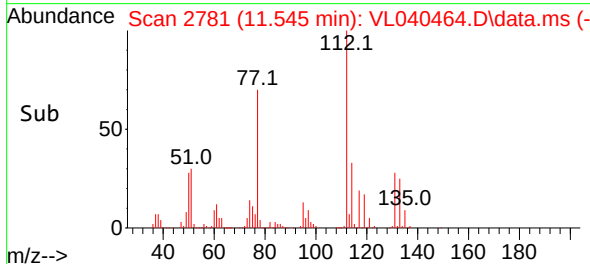
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 1925320
Ion Ratio Lower Upper
112 100
77 69.7 55.4 83.2
114 33.1 30.0 36.6

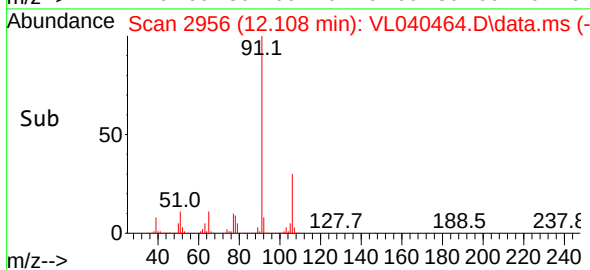
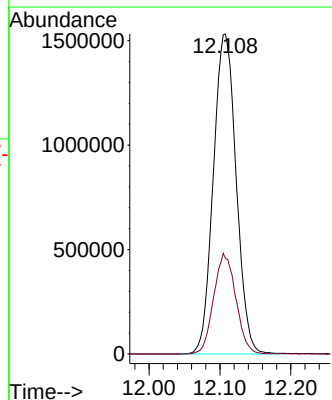
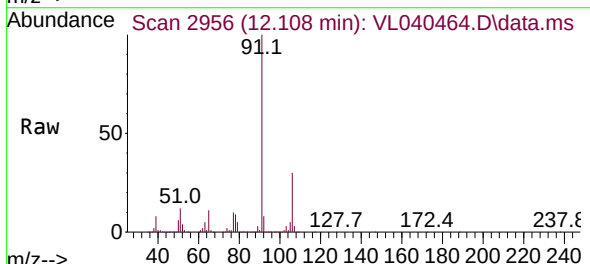
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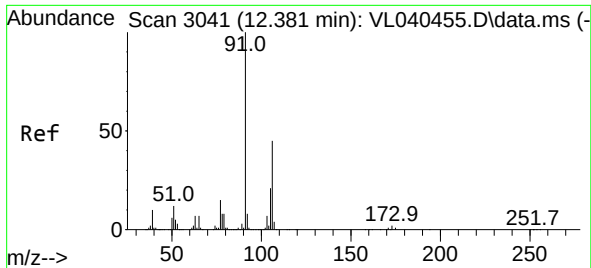
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#58
Ethyl Benzene
Concen: 10.290 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion: 91 Resp: 3431555
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5





#59

m/p-Xylene

Concen: 19.541 ppbv m

RT: 12.391 min Scan# 3041

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 598900

Ion Ratio Lower Upper

91 100

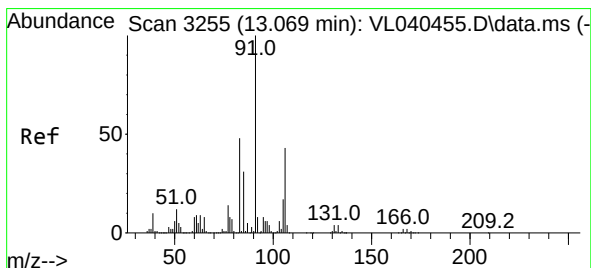
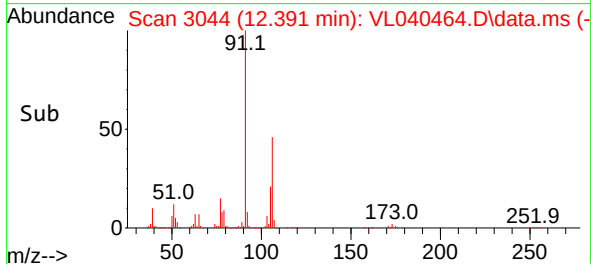
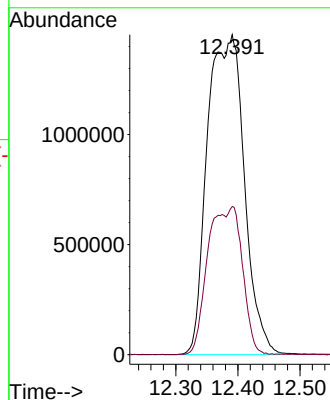
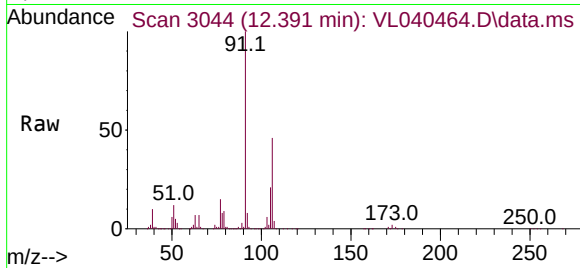
106 43.5 34.6 52.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#60

o-Xylene

Concen: 9.888 ppbv

RT: 13.079 min Scan# 3258

Delta R.T. 0.010 min

Lab File: VL040464.D

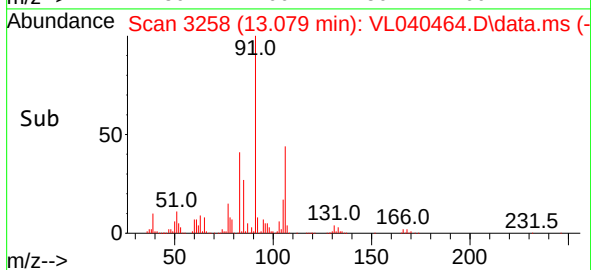
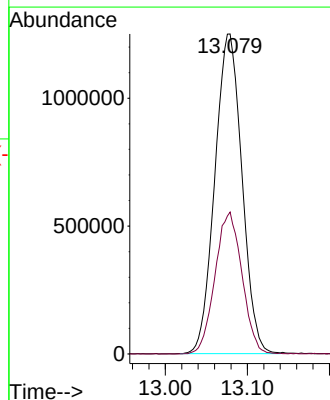
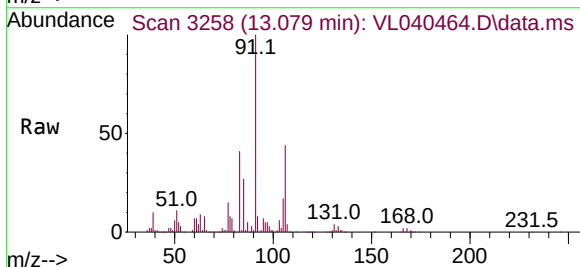
Acq: 15 Jun 2023 11:44

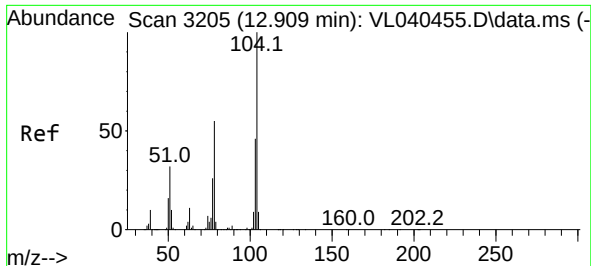
Tgt Ion: 91 Resp: 2874370

Ion Ratio Lower Upper

91 100

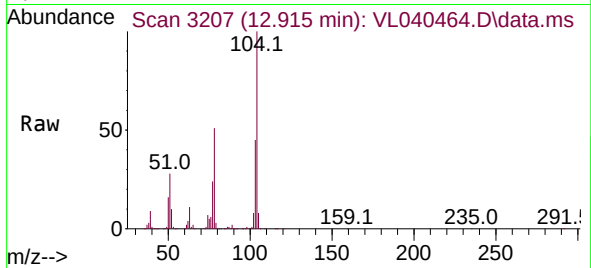
106 44.1 22.1 66.1





#61
Styrene
Concen: 11.541 ppbv
RT: 12.915 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

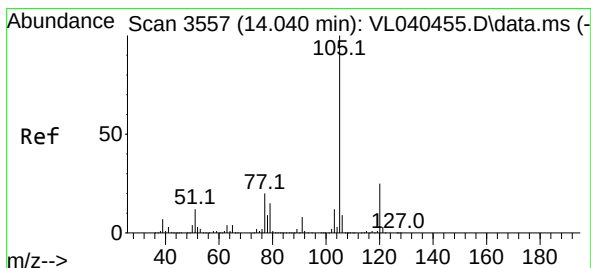
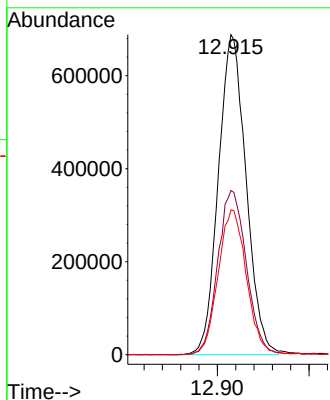
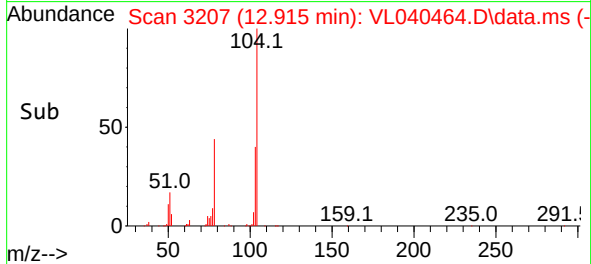
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



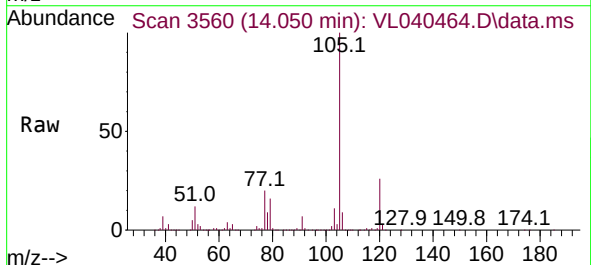
Tgt Ion:104 Resp: 1443820
Ion Ratio Lower Upper
104 100
78 53.3 43.1 64.7
103 46.4 37.1 55.7

Manual Integrations
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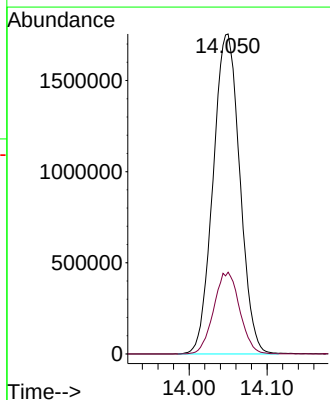
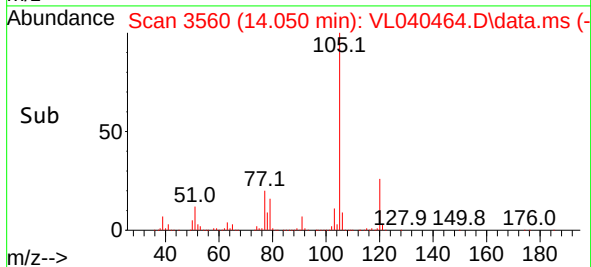
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

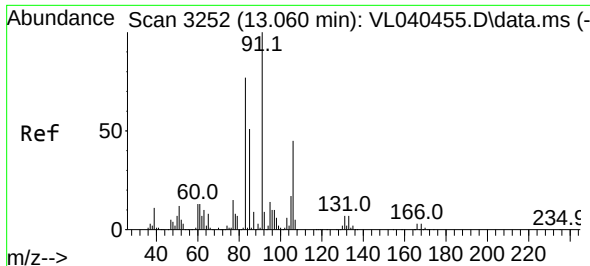


#62
Isopropylbenzene
Concen: 9.662 ppbv
RT: 14.050 min Scan# 3560
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44



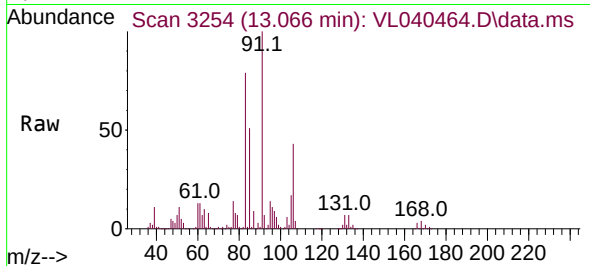
Tgt Ion:105 Resp: 4175172
Ion Ratio Lower Upper
105 100
120 24.9 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.317 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

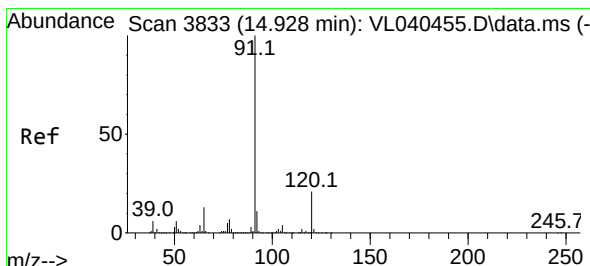
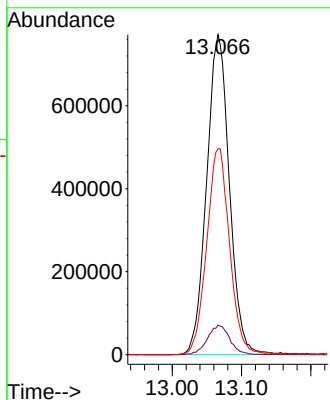
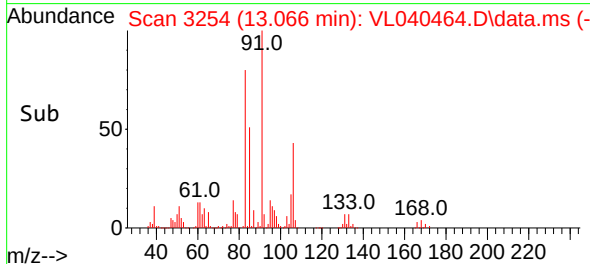
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 175378
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.1 33.0 99.0

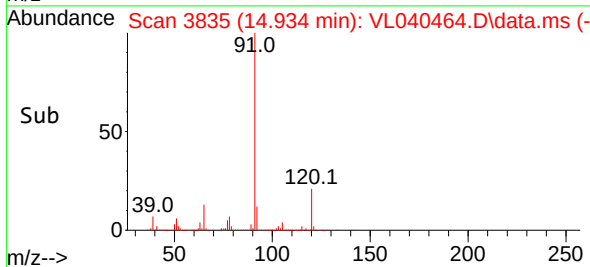
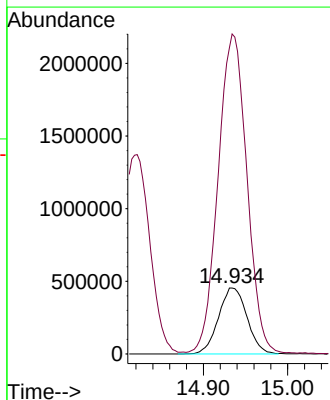
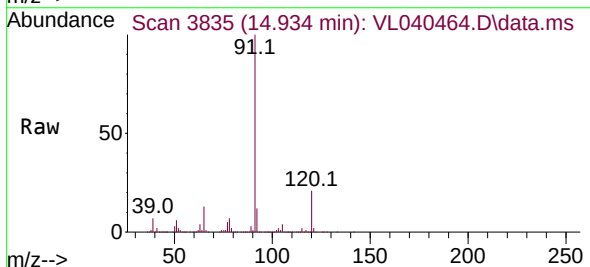
Manual Integrations
APPROVED

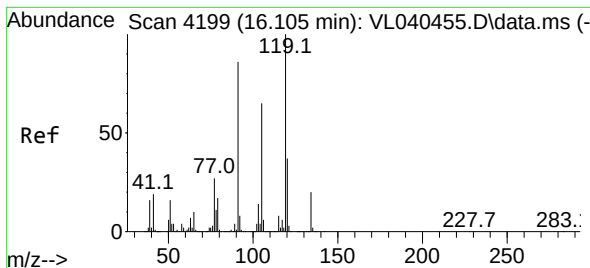
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#64
n-propylbenzene
Concen: 9.718 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

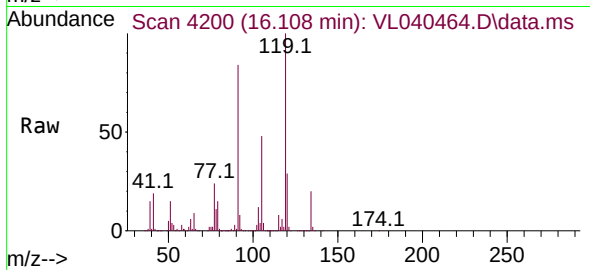
Tgt Ion:120 Resp: 1066166
Ion Ratio Lower Upper
120 100
91 493.0 388.5 582.7





#65
tert-Butylbenzene
Concen: 9.737 ppbv
RT: 16.108 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

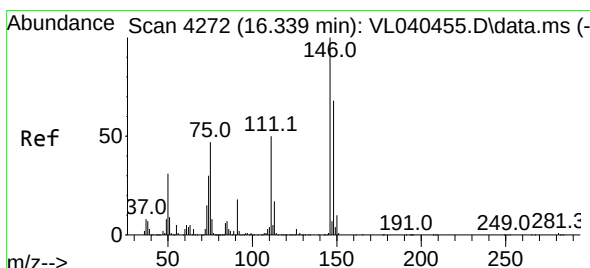
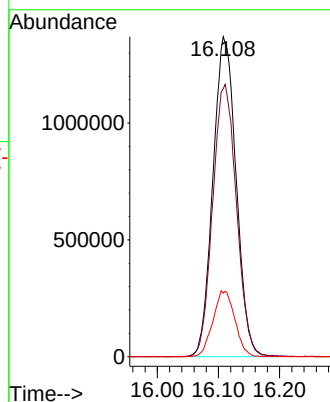
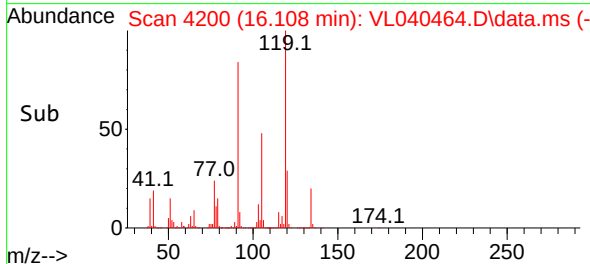
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 360975
Ion Ratio Lower Upper
119 100
91 87.3 70.5 105.7
134 19.5 15.6 23.4

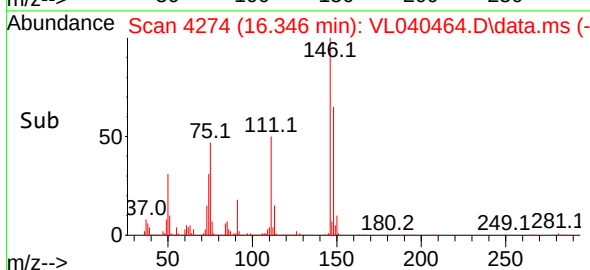
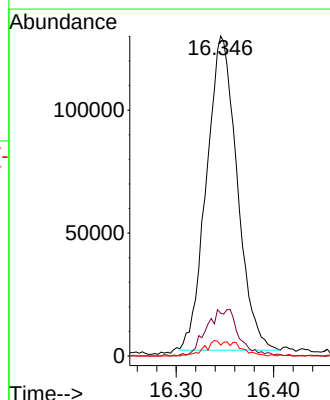
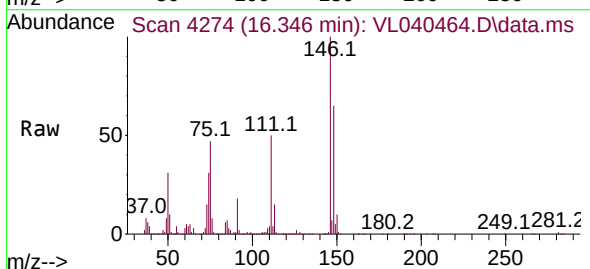
Manual Integrations
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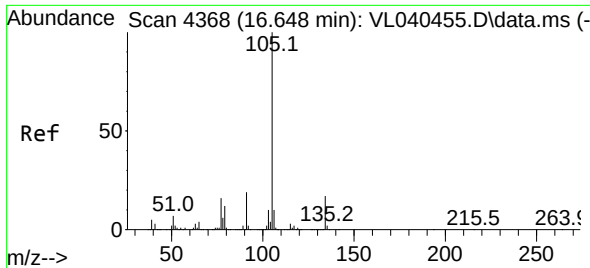
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#66
Benzyl Chloride
Concen: 9.764 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

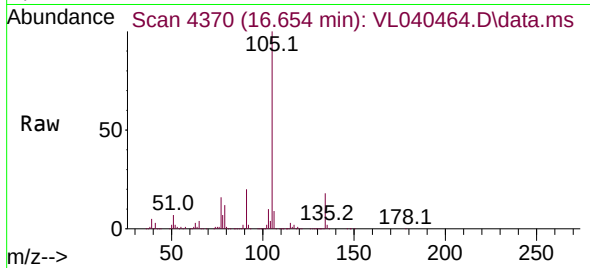
Tgt Ion: 91 Resp: 278961
Ion Ratio Lower Upper
91 100
126 15.8 13.2 19.8
128 5.6 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.618 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44

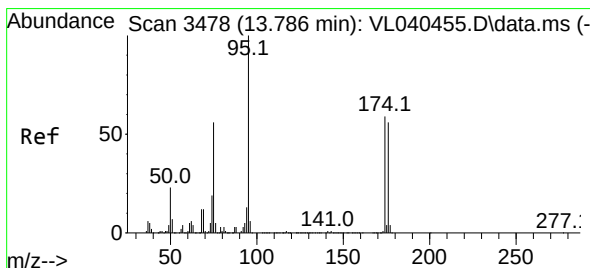
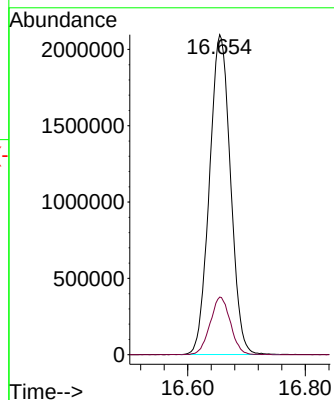
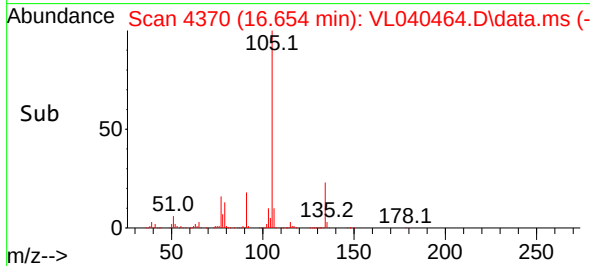
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



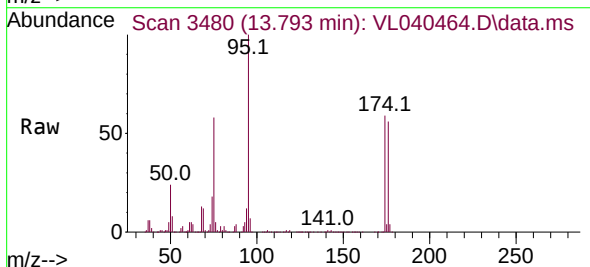
Tgt Ion:105 Resp: 5199654
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.0 21.0

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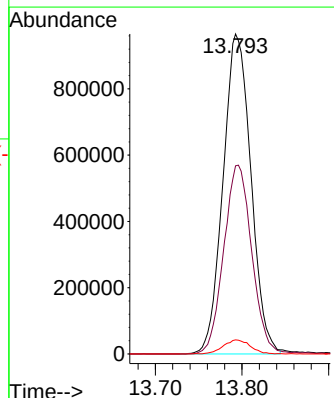
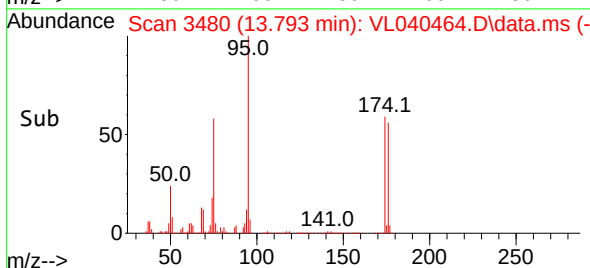
Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

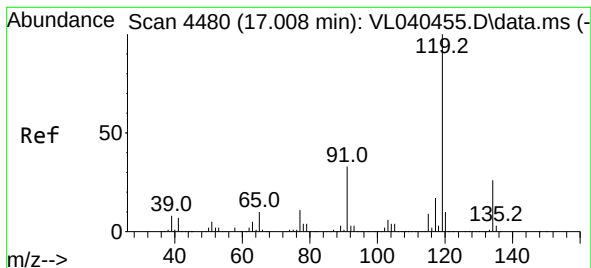


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.508 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.006 min
 Lab File: VL040464.D
 Acq: 15 Jun 2023 11:44



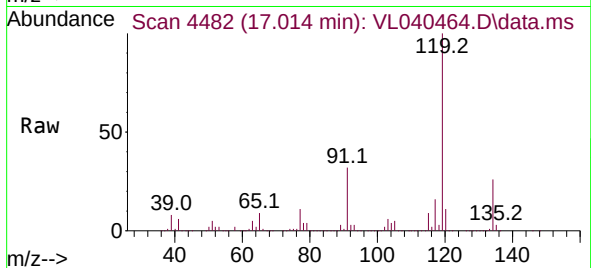
Tgt Ion: 95 Resp: 2159890
 Ion Ratio Lower Upper
 95 100
 174 59.7 47.7 71.5
 175 4.3 3.5 5.3





#69
p-Isopropyltoluene
Concen: 9.946 ppbv
RT: 17.014 min Scan# 4480
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

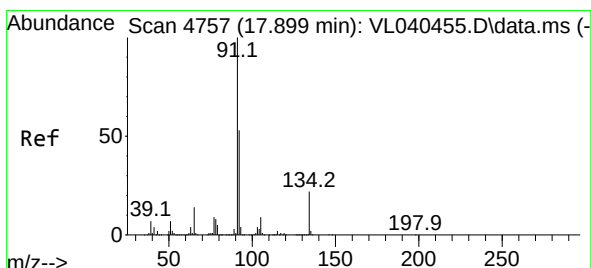
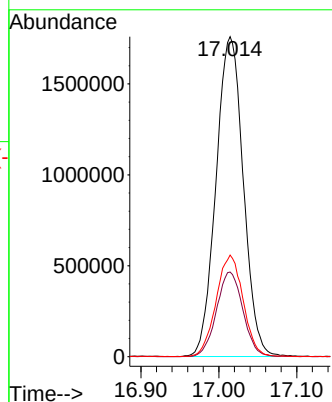
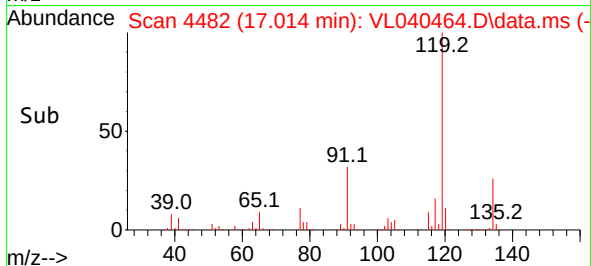
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



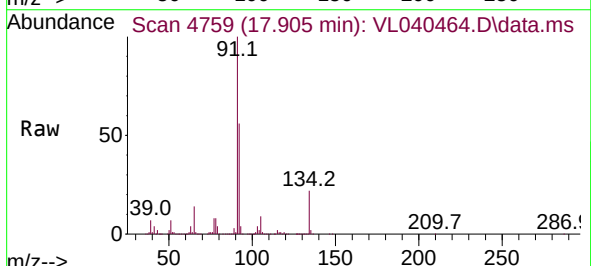
Tgt Ion: 119 Resp: 427308
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 31.4 25.5 38.3

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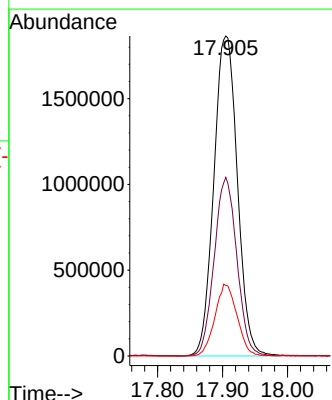
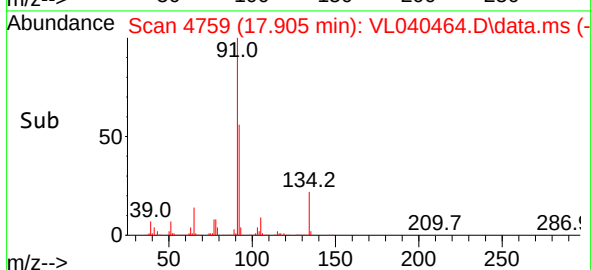
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

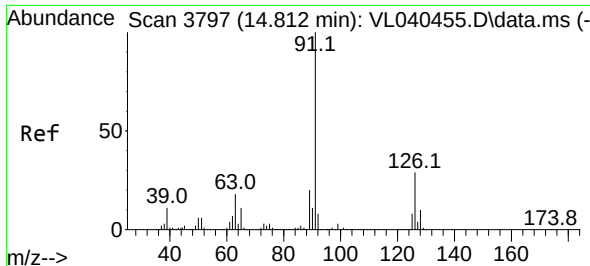


#70
n-Butylbenzene
Concen: 9.783 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44



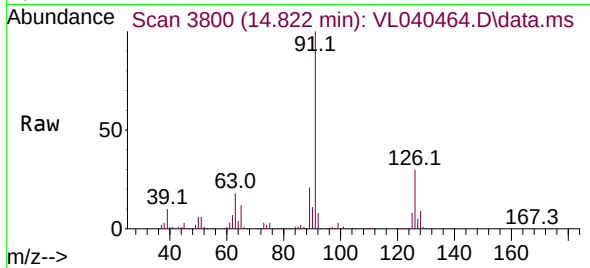
Tgt Ion: 91 Resp: 4691351
Ion Ratio Lower Upper
91 100
92 53.8 42.7 64.1
134 21.2 16.9 25.3





#71
2-Chlorotoluene
Concen: 10.047 ppbv
RT: 14.822 min Scan# 3797
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

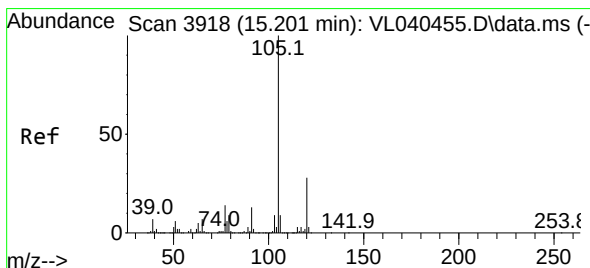
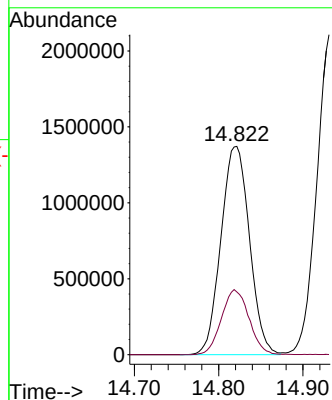
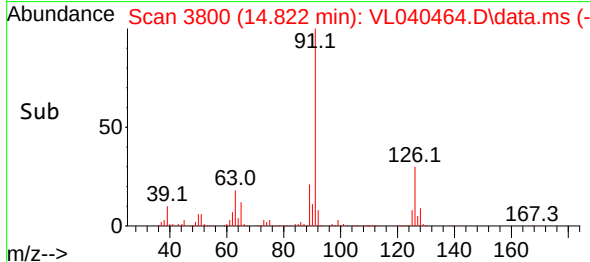
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



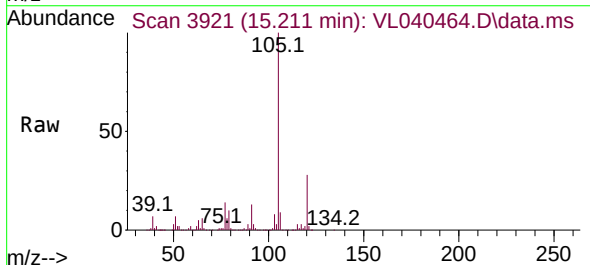
Tgt Ion: 91 Resp: 3223780
Ion Ratio Lower Upper
91 100
126 30.2 12.0 48.2

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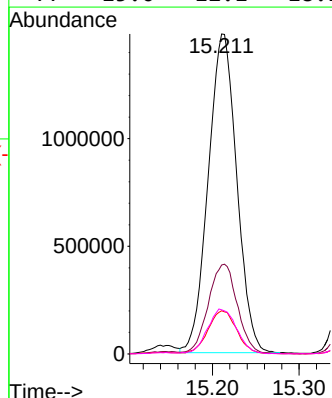
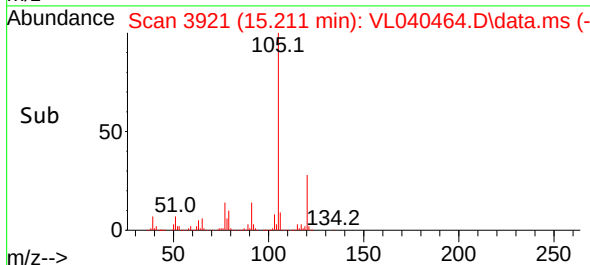
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

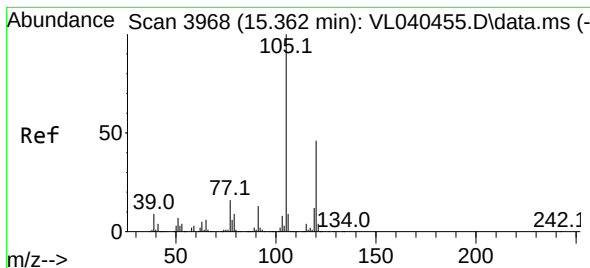


#72
4-Ethyltoluene
Concen: 10.337 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44



Tgt Ion:105 Resp: 3384607
Ion Ratio Lower Upper
105 100
120 29.6 23.4 35.0
91 14.4 11.1 16.7
77 15.0 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 10.080 ppbv

RT: 15.371 min Scan# 3968

Delta R.T. 0.010 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2916994

Ion Ratio Lower Upper

105 100

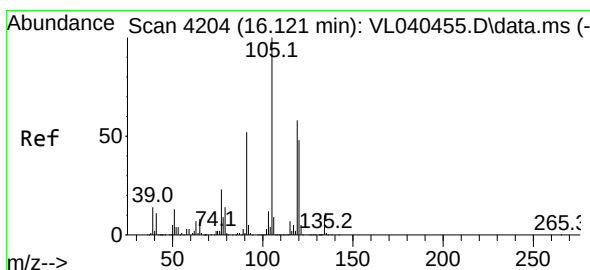
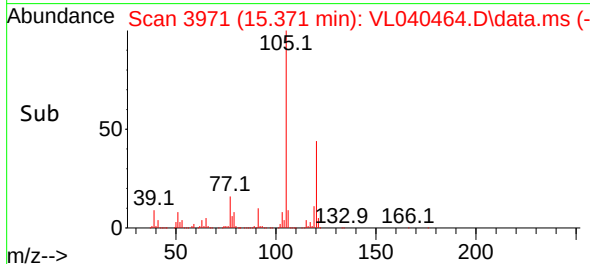
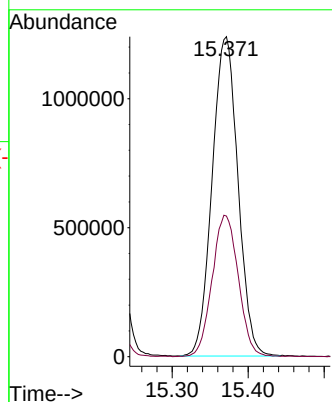
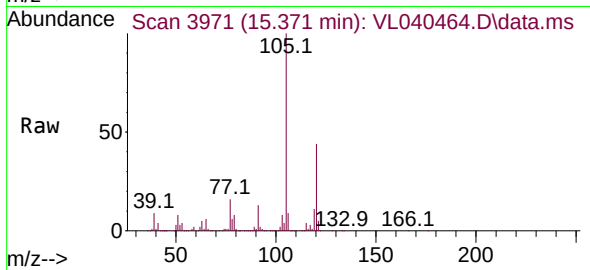
120 43.9 36.4 54.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.606 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Tgt Ion:105 Resp: 3270221

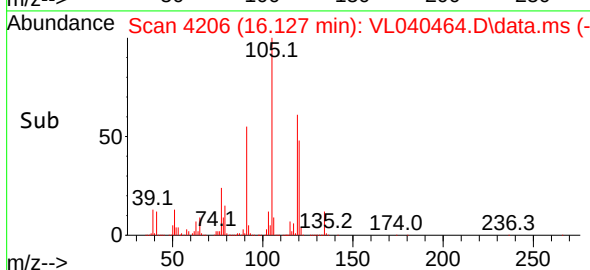
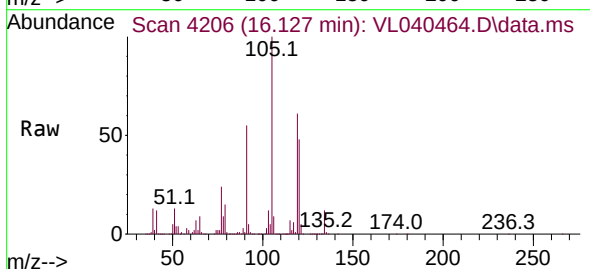
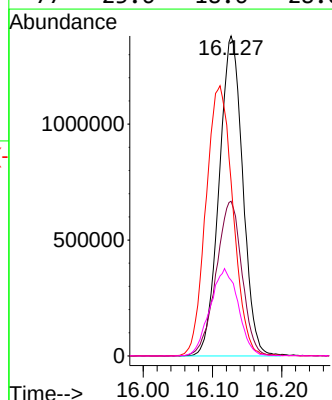
Ion Ratio Lower Upper

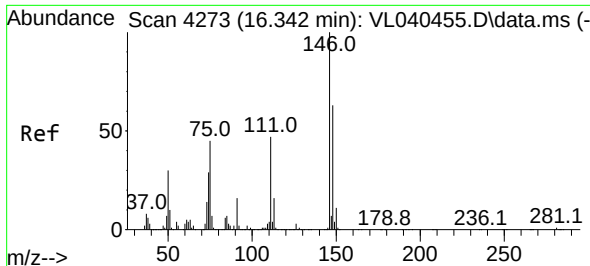
105 100

120 48.3 38.4 57.6

91 54.4 41.3 61.9

77 23.6 18.6 28.0





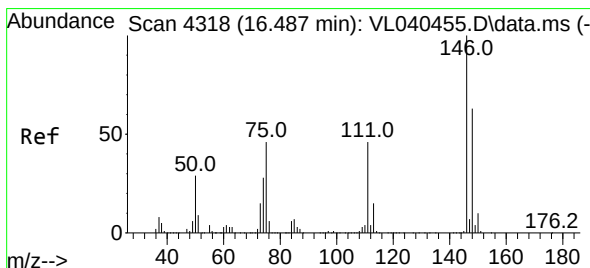
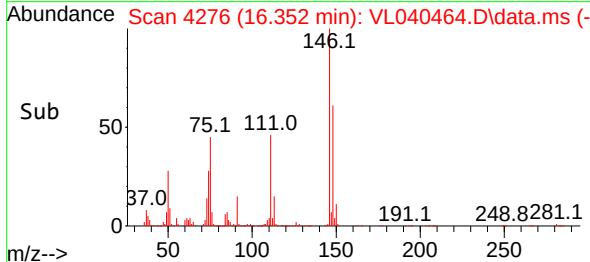
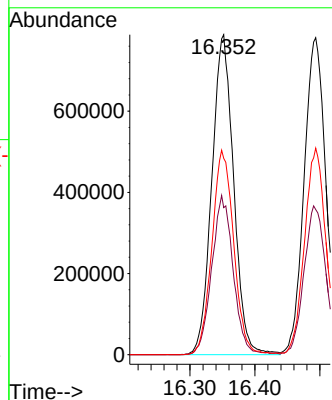
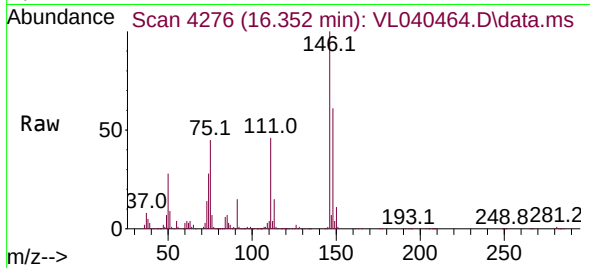
#75
1,3-Dichlorobenzene
Concen: 9.611 ppbv
RT: 16.352 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 183545
Ion Ratio Lower Upper
146 100
111 49.0 24.6 73.8
148 63.9 32.4 97.2

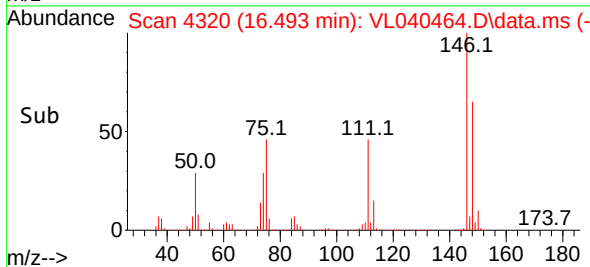
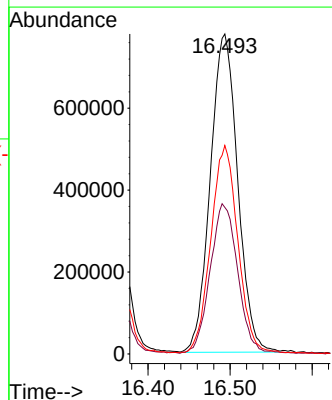
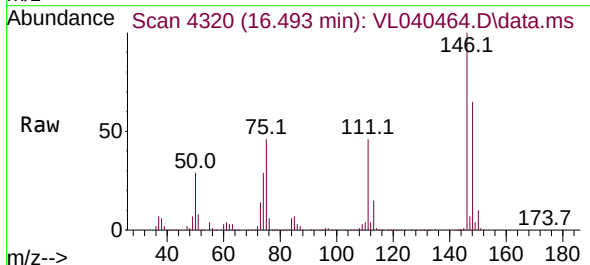
Manual Integrations
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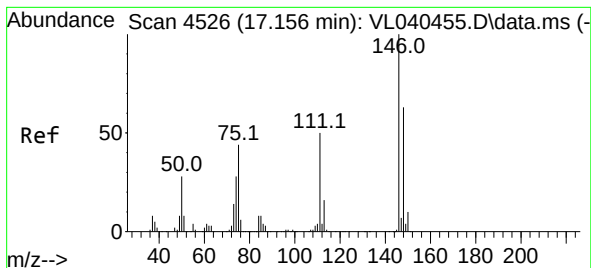
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#76
1,4-Dichlorobenzene
Concen: 9.709 ppbv
RT: 16.493 min Scan# 4320
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion:146 Resp: 1802917
Ion Ratio Lower Upper
146 100
111 47.9 23.8 71.5
148 65.6 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.449 ppbv

RT: 17.162 min Scan# 4526

Delta R.T. 0.006 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1704570

Ion Ratio Lower Upper

146 100

111 50.4 25.1 75.3

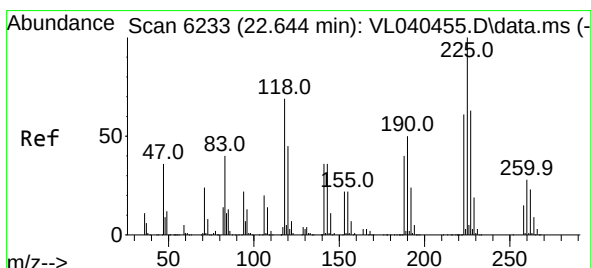
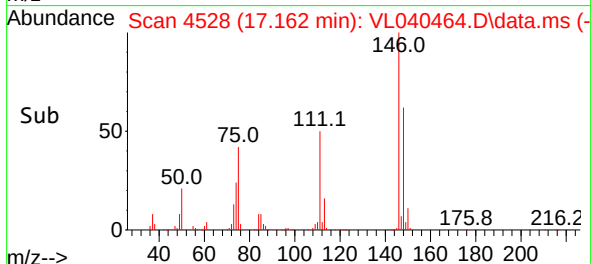
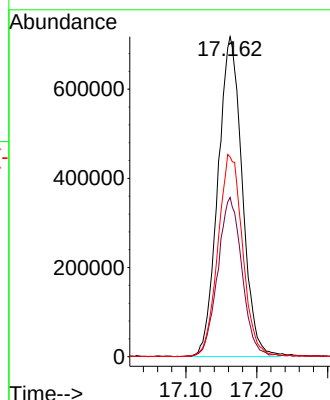
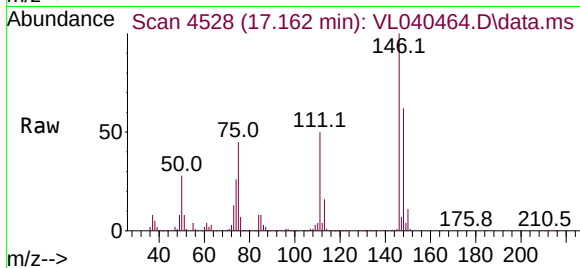
148 64.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#78

Hexachloro-1,3-Butadiene

Concen: 8.767 ppbv m

RT: 22.660 min Scan# 6238

Delta R.T. 0.016 min

Lab File: VL040464.D

Acq: 15 Jun 2023 11:44

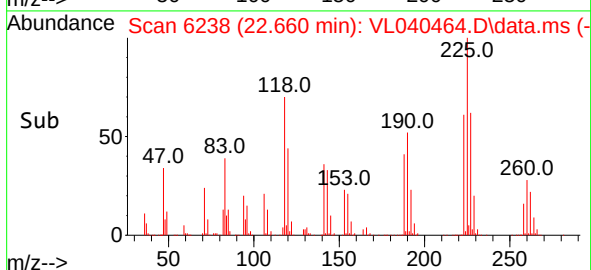
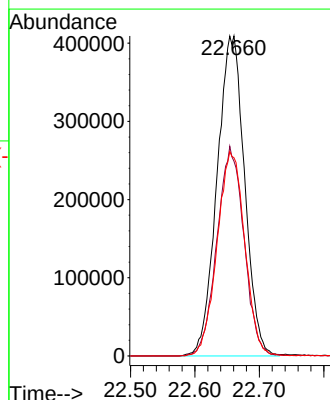
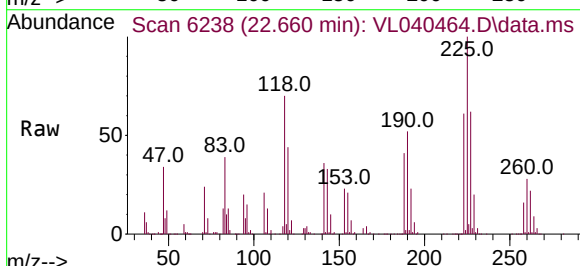
Tgt Ion:225 Resp: 1219756

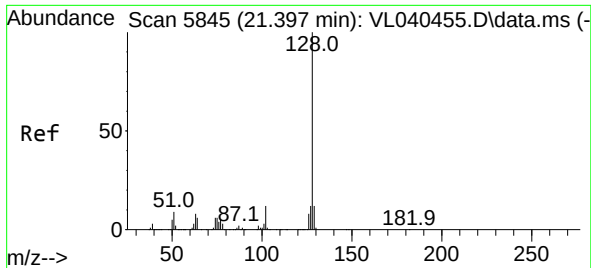
Ion Ratio Lower Upper

225 100

223 64.1 50.0 75.0

227 63.8 50.9 76.3





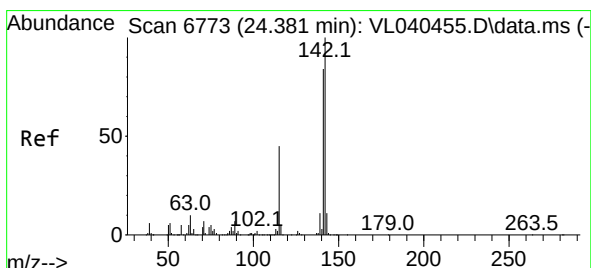
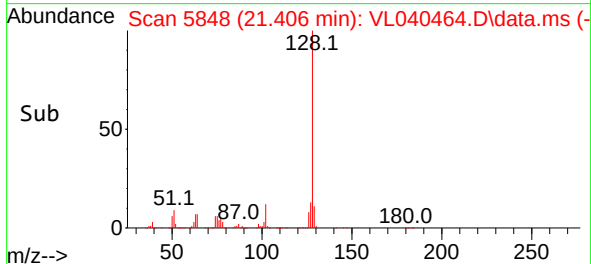
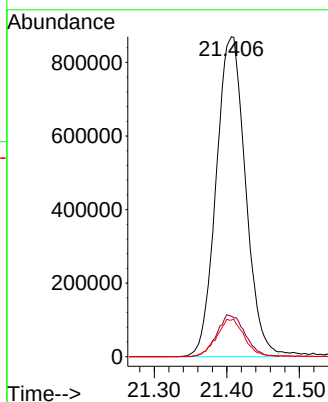
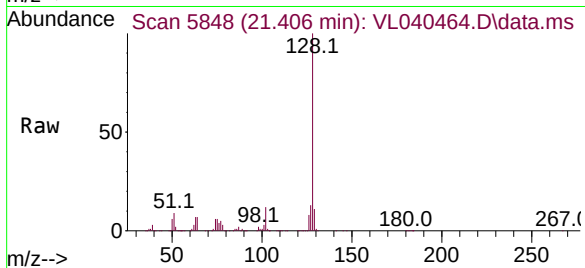
#79
Naphthalene
Concen: 12.449 ppbv
RT: 21.406 min Scan# 5848
Delta R.T. 0.010 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 244098
Ion Ratio Lower Upper
128 100
127 12.7 9.9 14.9
129 11.5 9.2 13.8

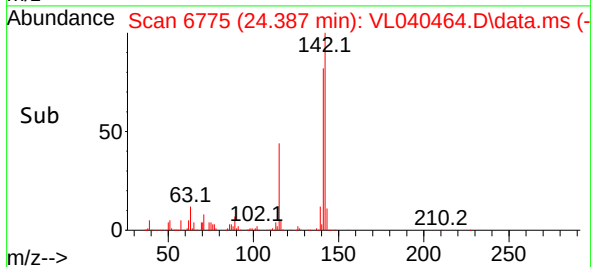
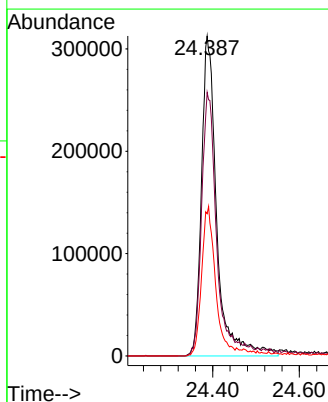
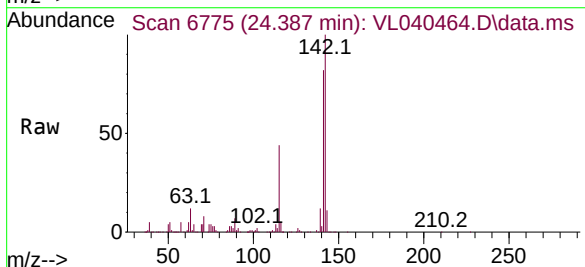
Manual Integrations
APPROVED

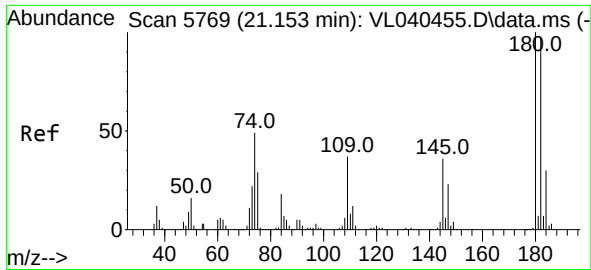
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#80
Naphthalene,2-methyl-
Concen: 13.042 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.006 min
Lab File: VL040464.D
Acq: 15 Jun 2023 11:44

Tgt Ion:142 Resp: 767413
Ion Ratio Lower Upper
142 100
141 83.8 65.4 98.0
115 45.6 36.6 55.0





#81

1,2,4-Trichlorobenzene

Concen: 11.428 ppbv

RT: 21.159 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL040464.D

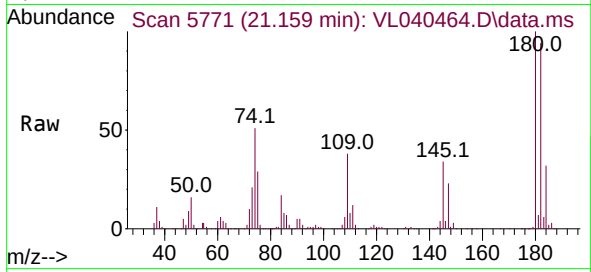
Acq: 15 Jun 2023 11:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1388090

Ion Ratio Lower Upper

180 100

182 97.6 77.2 115.8

184 31.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023

