

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091423\
 Data File : VL040689.D
 Acq On : 14 Sep 2023 17:45
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Sep 14 19:41:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Thu Sep 14 17:47:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2023
 Supervised By : Mahesh Dadoda 09/15/2023

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

Internal Standards						
1) Bromochloromethane	5.185	49	1169827	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2933279	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3072237m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2269866	9.290	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	2966690	11.774	ppbv	100
3) Chlorodifluoromethane	2.668	51	2483122	12.928	ppbv	99
4) Chloromethane	2.806	50	951909	12.706	ppbv	99
5) Vinyl Chloride	2.912	62	1115806	14.027	ppbv	98
6) Bromomethane	3.115	94	563224	13.506	ppbv	99
7) Chloroethane	3.192	64	391241	13.483	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	2812908	13.793	ppbv	100
9) Propene	2.687	41	728141	12.234	ppbv	98
10) Heptane	7.574	43	1884270	13.749	ppbv	98
11) Trichlorofluoromethane	3.555	101	3130681	15.391	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.060	101	2234651	14.800	ppbv	99
13) Ethanol	3.234	45	170135	10.243	ppbv	99
14) Bromoethene	3.359	108	956533	15.602	ppbv	99
15) Acetone	3.459	43	1984099	13.866	ppbv	98
16) 1,3-Butadiene	2.980	39	963166	13.536	ppbv	97
17) tert-Butyl alcohol	3.870	59	2018822	13.304	ppbv	100
18) 1,1-Dichloroethene	3.873	96	1011970	14.790	ppbv	94
19) Isopropyl Alcohol	3.568	45	1138004	12.543	ppbv #	98
20) Methylene Chloride	3.925	84	881118	12.601	ppbv	97
21) Allyl Chloride	3.989	41	1354167	14.308	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	1048300	15.607	ppbv	97
23) Vinyl Acetate	4.619	43	2450290	15.028	ppbv	99
24) 1,1-Dichloroethane	4.555	63	2065625	14.815	ppbv	99
25) Ethyl Acetate	5.198	43	3463673	12.889	ppbv	99
26) Hexane	5.205	57	1503761	11.566	ppbv	100
27) Carbon Disulfide	4.118	76	2587345	16.715	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	1456582	14.491	ppbv	99
29) Chloroform	5.269	83	2772614	13.472	ppbv	98
30) Cyclohexane	6.597	84	1316838	13.237	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	1605779	13.685	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	2895294	14.692	ppbv	99
34) 2-Butanone	4.780	43	2046044	13.832	ppbv	99
35) Carbon Tetrachloride	6.487	117	3034707	16.534	ppbv	99
36) Benzene	6.365	78	3186964	13.657	ppbv	97
37) 1,2-Dichloroethane	5.803	62	2150066	15.277	ppbv	100
38) Trichloroethene	7.285	130	1397248	15.463	ppbv	98
39) 1,2-Dichloropropane	7.069	63	1221925	13.764	ppbv	96
40) 1,4-Dioxane	7.278	88	476675	14.172	ppbv #	95
41) Tetrahydrofuran	5.549	42	1156126	13.828	ppbv	98
42) Bromodichloromethane	7.243	83	3101126	15.830	ppbv	99
43) Methyl Methacrylate	7.468	69	1368448	15.662	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	5298691	14.048	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	1235142	17.701	ppbv	97

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2023
 Supervised By : Mahesh Dadoda 09/15/2023

Quant Time: Sep 14 19:41:49 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

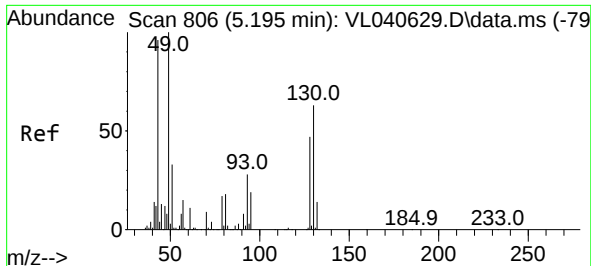
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Sep 14 17:47:09 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1381222	16.227	ppbv	98
47) 1,1,2-Trichloroethane	8.892	97	1439063	14.349	ppbv	98
48) Dibromochloromethane	9.703	129	2656411	16.925	ppbv	100
49) Bromoform	12.404	173	2244229	17.847	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	3234341	14.967	ppbv	98
51) 2-Hexanone	9.542	43	2394882	15.729	ppbv #	99
52) Tetrachloroethene	10.609	164	1204487	16.481	ppbv	96
53) Toluene	9.217	91	3870711	15.609	ppbv	100
54) 1,2-Dibromoethane	10.002	107	2108636	16.514	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.503	131	1975819	13.900	ppbv #	74
57) Chlorobenzene	11.523	112	3164623	13.347	ppbv	95
58) Ethyl Benzene	12.082	91	5357729	14.462	ppbv	98
59) m/p-Xylene	12.368	91	9572801m	28.327	ppbv	
60) o-Xylene	13.053	91	4683735	14.622	ppbv	99
61) Styrene	12.892	104	2304869	16.422	ppbv	99
62) Isopropylbenzene	14.024	105	6669750	13.759	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	3362968	14.018	ppbv	99
64) n-propylbenzene	14.908	120	1771016	14.456	ppbv	94
65) tert-Butylbenzene	16.085	119	6062981	14.431	ppbv	99
66) Benzyl Chloride	16.320	91	837837	15.858	ppbv	99
67) sec-Butylbenzene	16.628	105	8452619	13.789	ppbv	100
69) p-Isopropyltoluene	16.989	119	6916843	14.421	ppbv	99
70) n-Butylbenzene	17.879	91	7490043	14.304	ppbv	99
71) 2-Chlorotoluene	14.796	91	5241947	14.574	ppbv	98
72) 4-Ethyltoluene	15.188	105	5375207	14.865	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	4696830	14.531	ppbv	96
74) 1,2,4-Trimethylbenzene	16.101	105	5349210	14.171	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	3078599	14.105	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	3001069	14.065	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	2949612	13.736	ppbv	100
78) Hexachloro-1,3-Butadiene	22.625	225	2121929	13.024	ppbv	99
79) Naphthalene	21.378	128	4511170	18.095	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	1415917	19.737	ppbv	97
81) 1,2,4-Trichlorobenzene	21.130	180	2408494	14.678	ppbv	99

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



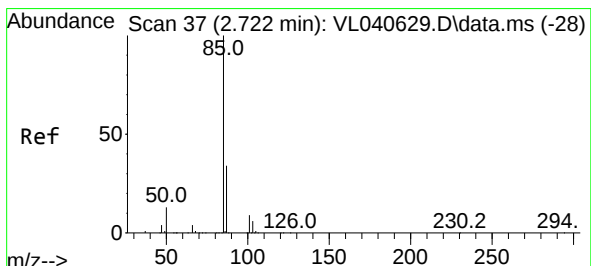
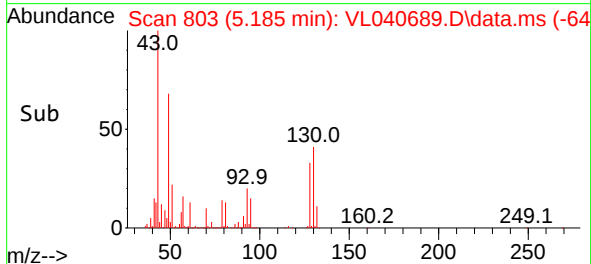
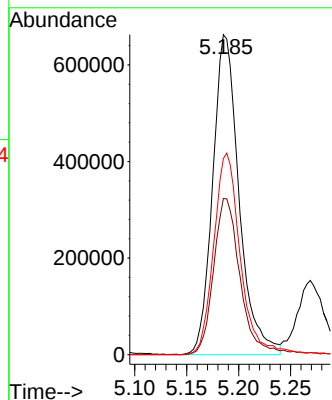
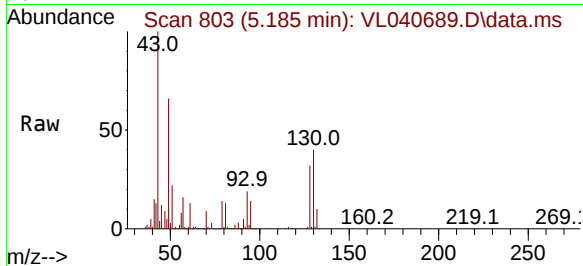
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 49 Resp: 116982
Ion Ratio Lower Upper
49 100
128 49.9 25.4 76.0
130 64.2 32.3 96.8

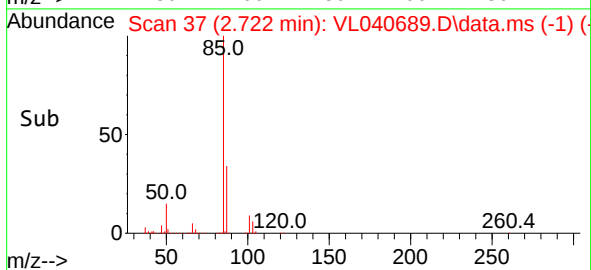
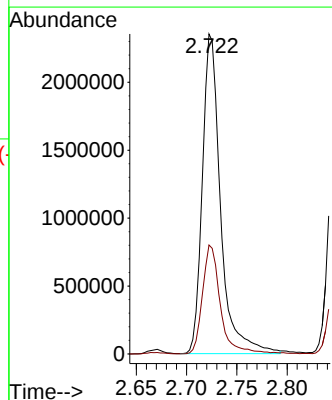
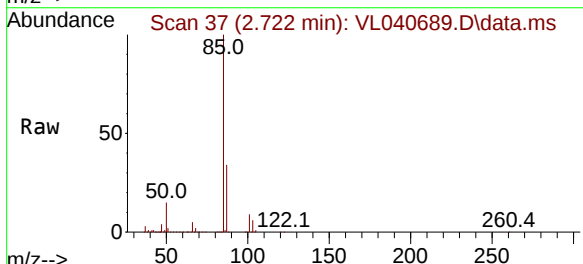
Manual Integrations
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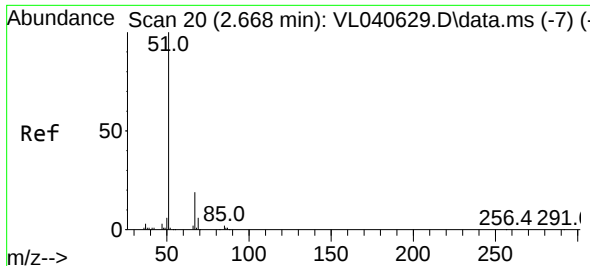
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#2
Dichlorodifluoromethane
Concen: 11.774 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

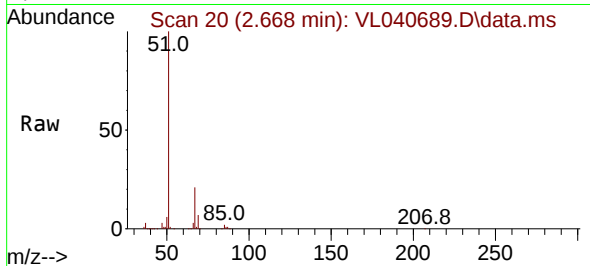
Tgt Ion: 85 Resp: 2966690
Ion Ratio Lower Upper
85 100
87 34.0 27.2 40.8





#3
Chlorodifluoromethane
Concen: 12.928 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

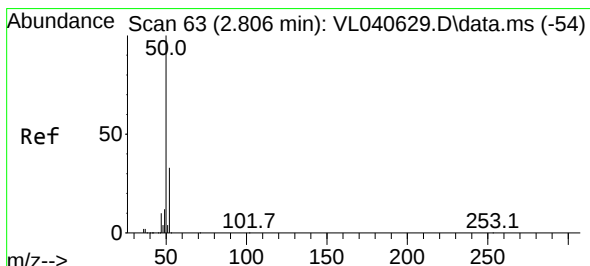
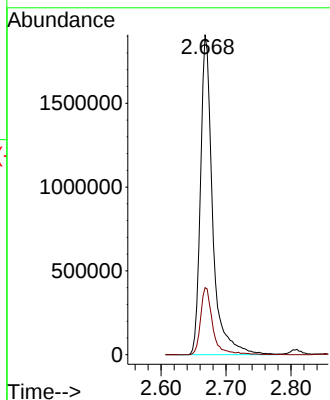
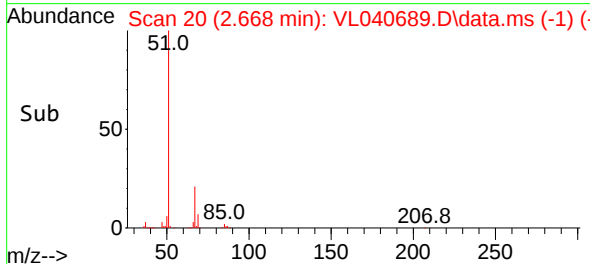
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



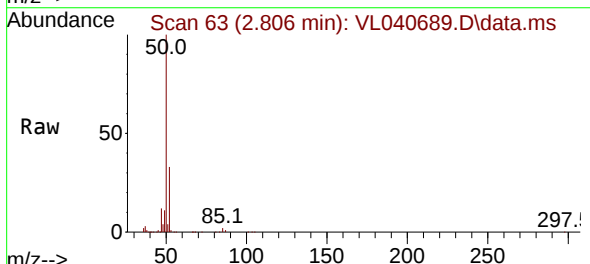
Tgt Ion: 51 Resp: 248312
Ion Ratio Lower Upper
51 100
67 21.2 16.7 25.1

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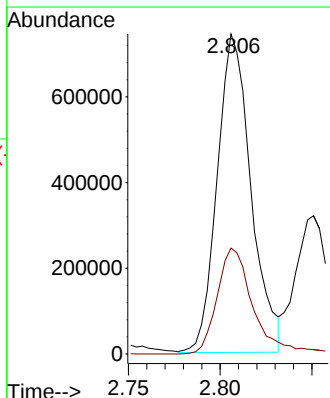
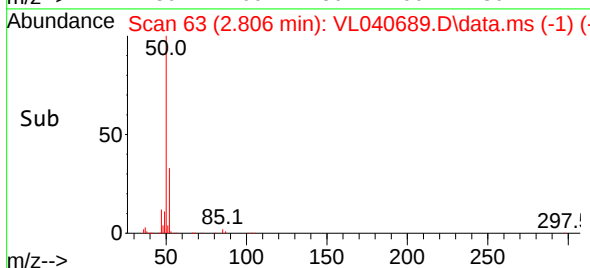
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

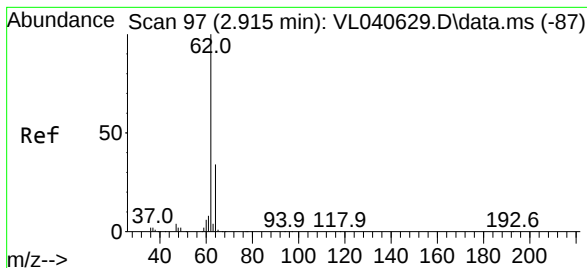


#4
Chloromethane
Concen: 12.706 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45



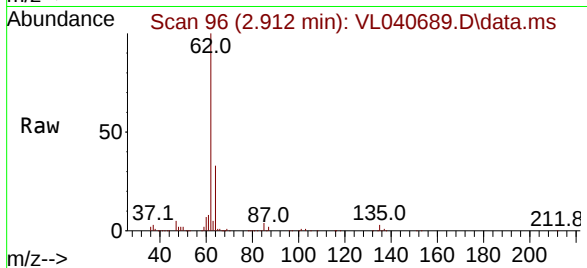
Tgt Ion: 50 Resp: 951909
Ion Ratio Lower Upper
50 100
52 33.3 27.1 40.7





#5
 Vinyl Chloride
 Concen: 14.027 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

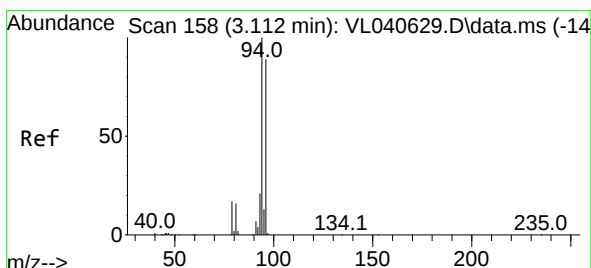
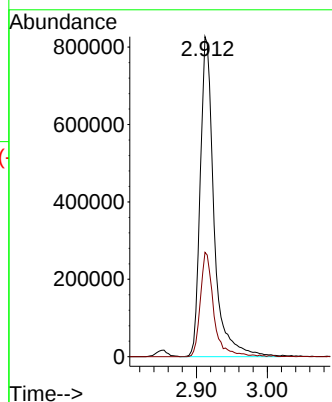
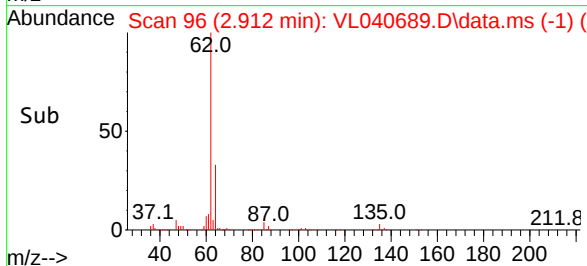
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 62 Resp: 1115800
 Ion Ratio Lower Upper
 62 100
 64 32.6 27.2 40.8

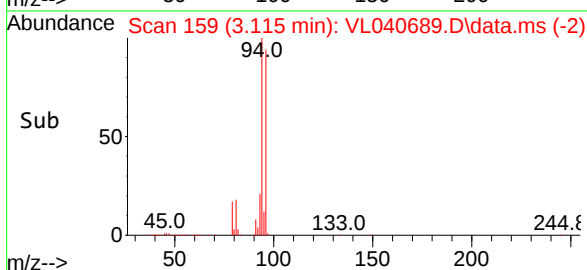
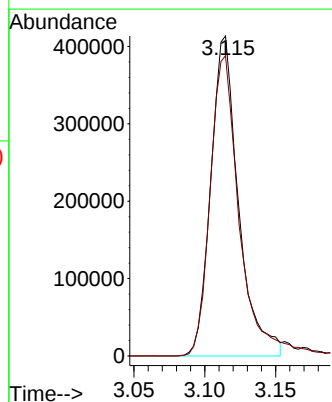
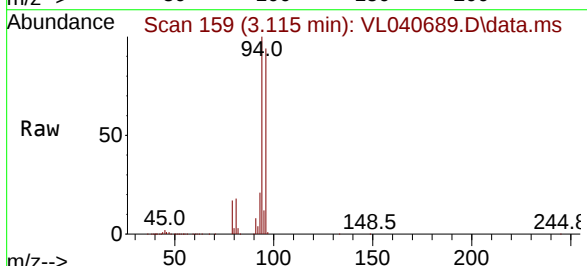
Manual Integrations
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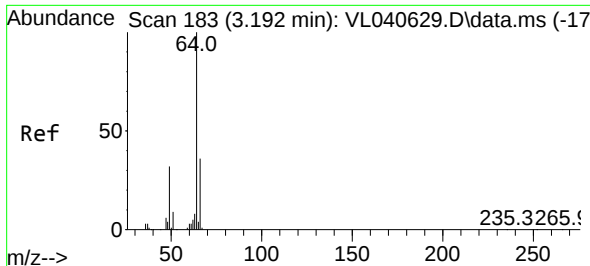
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#6
 Bromomethane
 Concen: 13.506 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.006 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

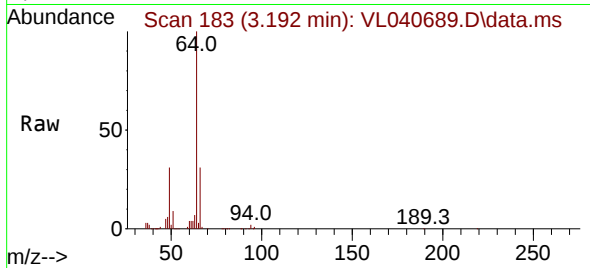
Tgt Ion: 94 Resp: 563224
 Ion Ratio Lower Upper
 94 100
 96 93.7 74.4 111.6





#7
Chloroethane
Concen: 13.483 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

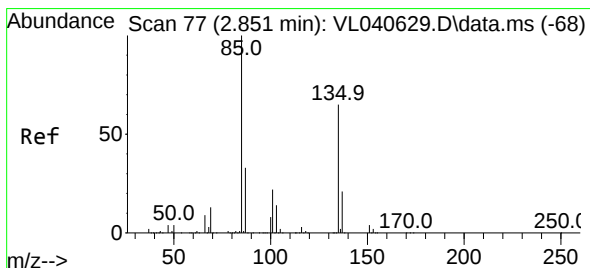
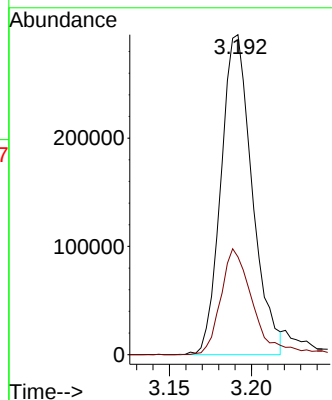
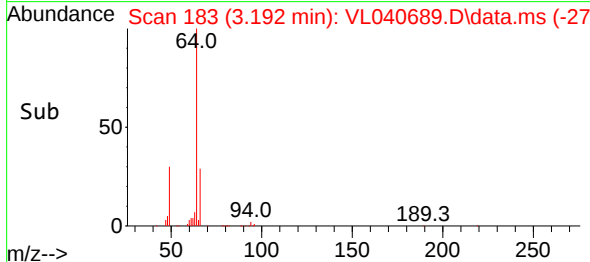
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 64 Resp: 39124
Ion Ratio Lower Upper
64 100
66 30.6 24.5 36.7

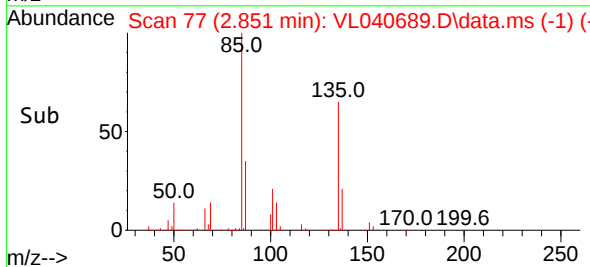
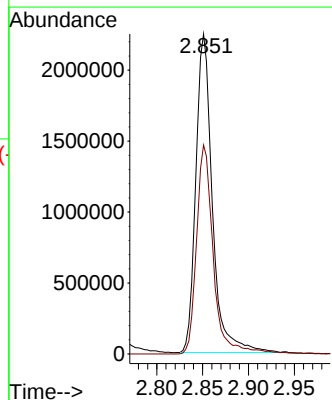
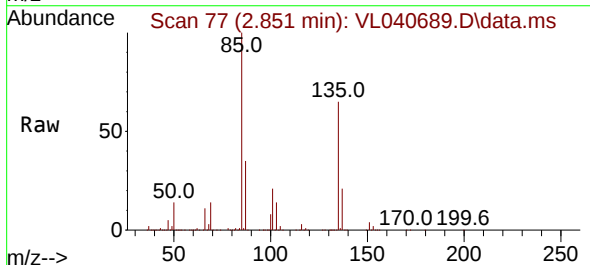
Manual Integrations
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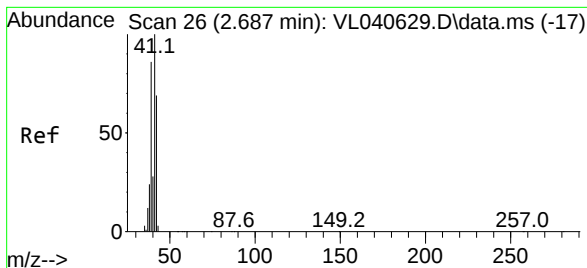
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#8
Dichlorotetrafluoroethane
Concen: 13.793 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

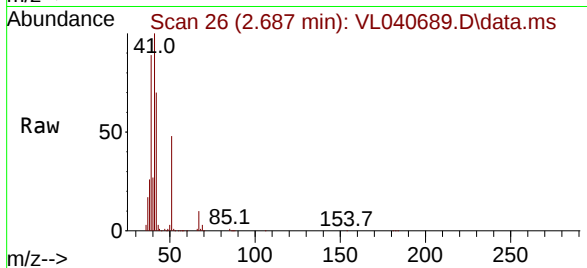
Tgt Ion: 85 Resp: 2812908
Ion Ratio Lower Upper
85 100
135 67.1 53.4 80.2





#9
 Propene
 Concen: 12.234 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

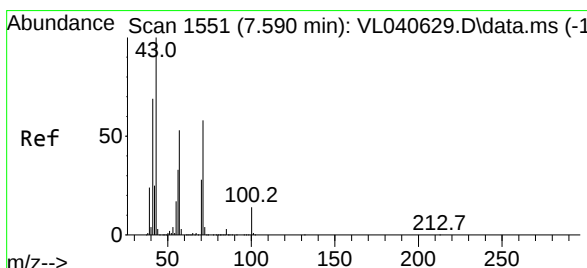
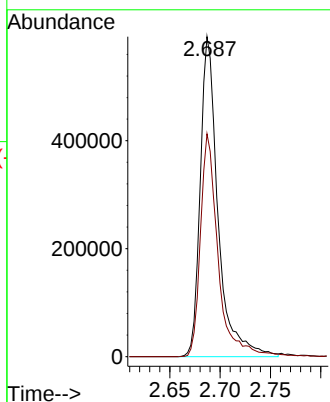
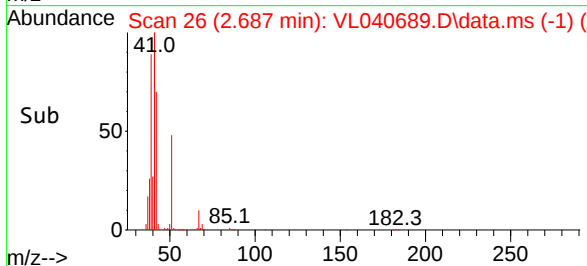
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



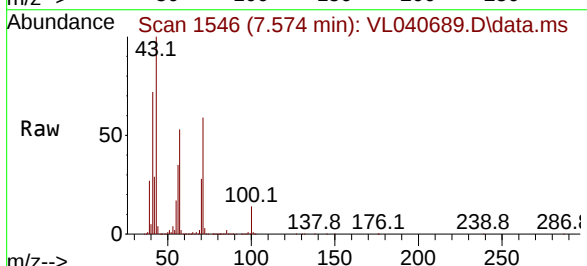
Tgt Ion: 41 Resp: 72814
 Ion Ratio Lower Upper
 41 100
 42 69.6 56.7 85.1

Manual Integrations
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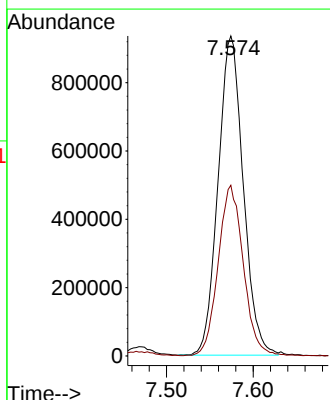
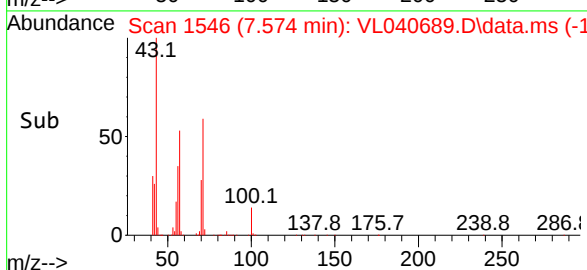
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

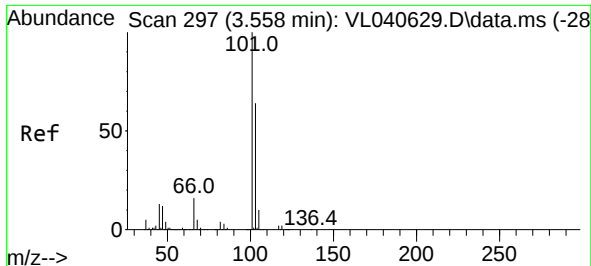


#10
 Heptane
 Concen: 13.749 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.000 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45



Tgt Ion: 43 Resp: 1884270
 Ion Ratio Lower Upper
 43 100
 57 53.9 41.8 62.6





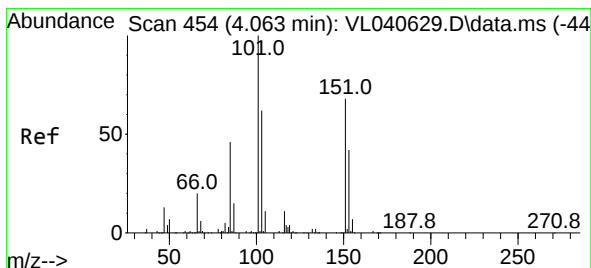
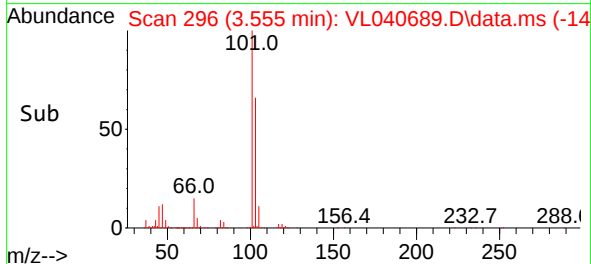
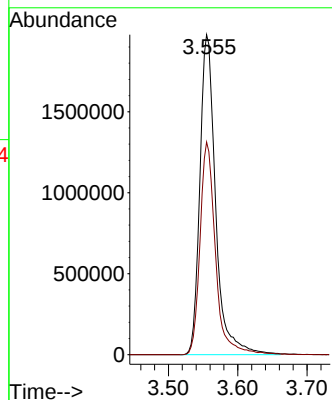
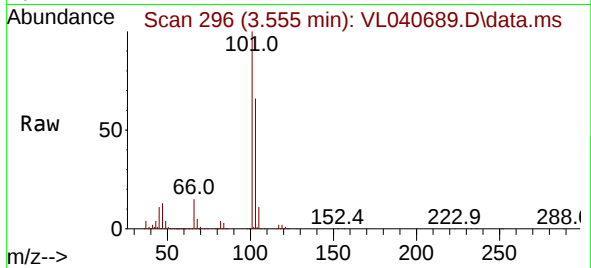
#11
 Trichlorofluoromethane
 Concen: 15.391 ppbv
 RT: 3.555 min Scan# 297
 Delta R.T. 0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:101 Resp: 313068
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.3 76.9

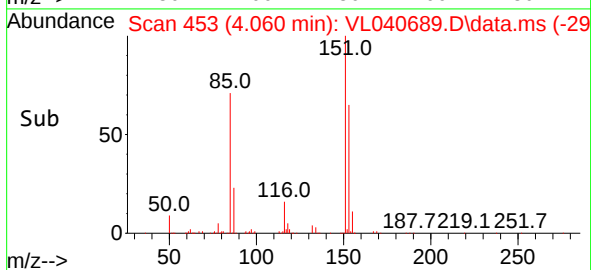
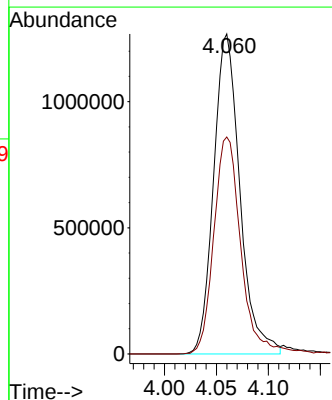
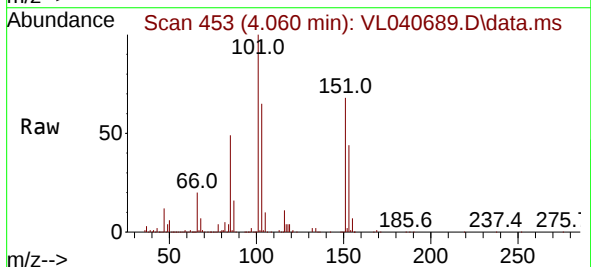
Manual Integrations
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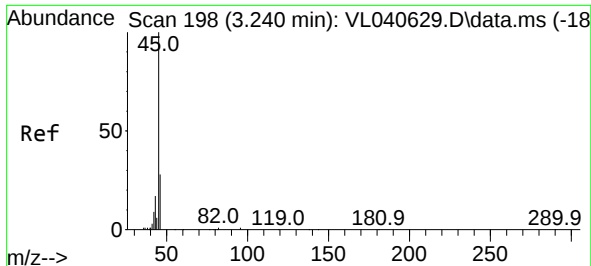
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.800 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

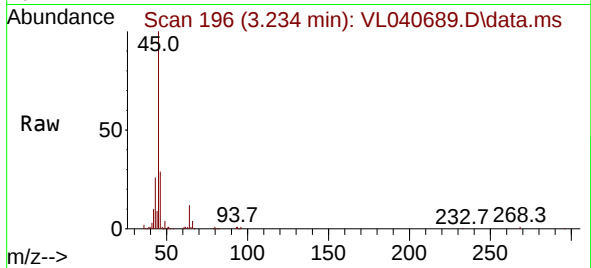
Tgt Ion:101 Resp: 2234651
 Ion Ratio Lower Upper
 101 100
 151 70.3 56.8 85.2





#13
Ethanol
Concen: 10.243 ppbv
RT: 3.234 min Scan# 198
Delta R.T. 0.006 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

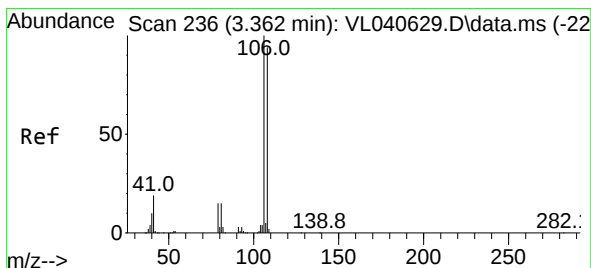
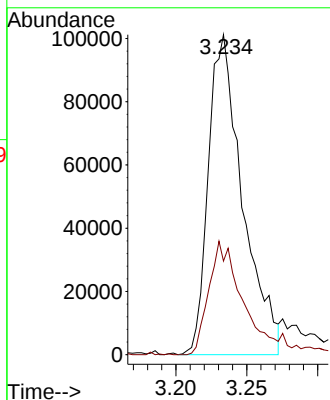
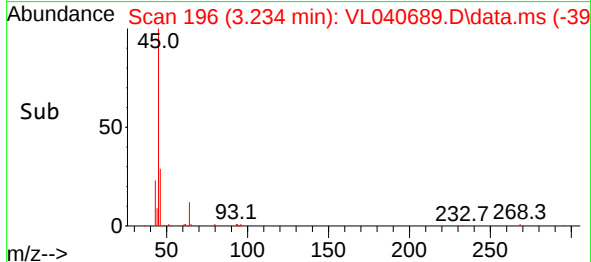
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



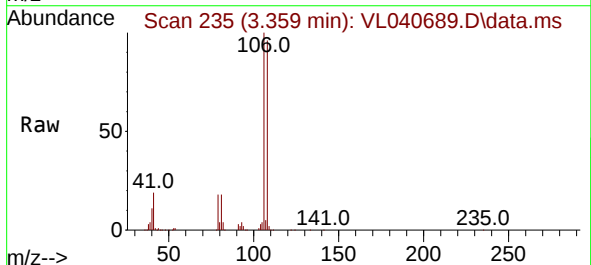
Tgt Ion: 45 Resp: 170135
Ion Ratio Lower Upper
45 100
46 38.7 15.2 61.0

Manual Integrations
APPROVED

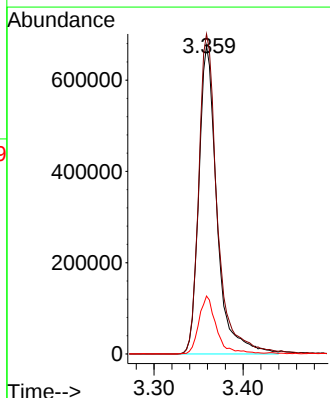
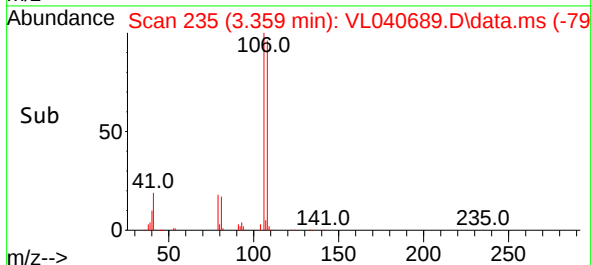
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

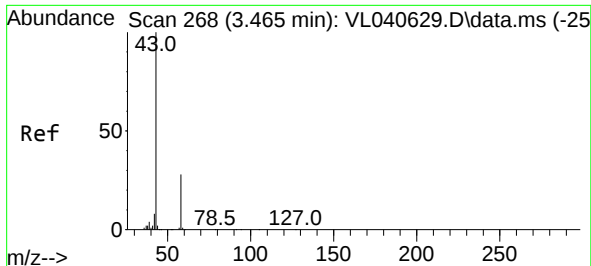


#14
Bromoethene
Concen: 15.602 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45



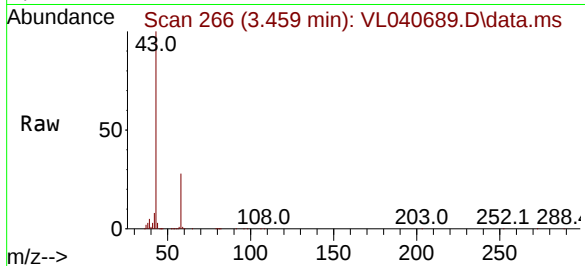
Tgt Ion:108 Resp: 956533
Ion Ratio Lower Upper
108 100
106 106.9 86.0 129.0
79 18.5 15.6 23.4





#15
Acetone
Concen: 13.866 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

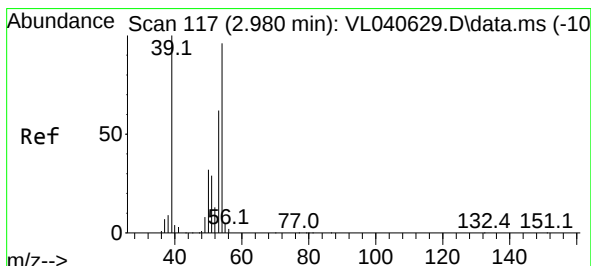
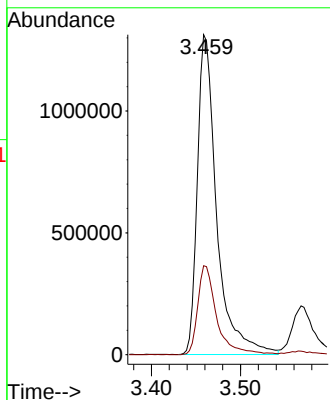
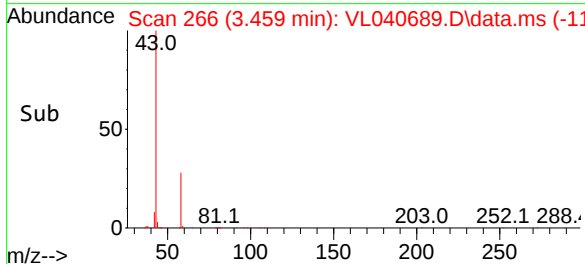
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 1984099
Ion Ratio Lower Upper
43 100
58 27.4 22.6 34.0

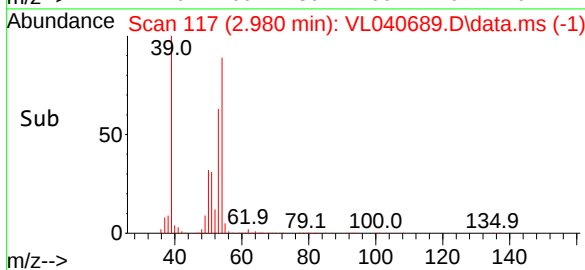
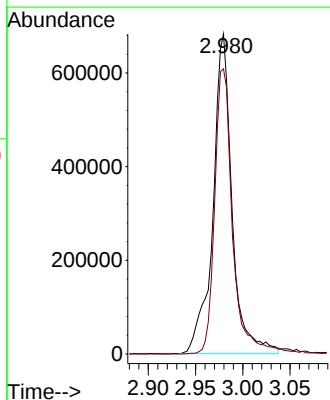
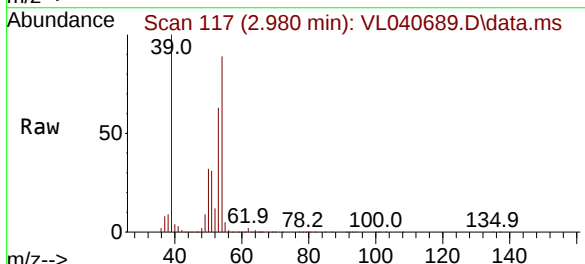
Manual Integrations
APPROVED

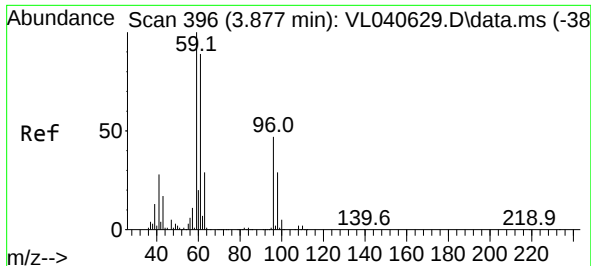
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#16
1,3-Butadiene
Concen: 13.536 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Tgt Ion: 39 Resp: 963166
Ion Ratio Lower Upper
39 100
54 84.1 64.8 97.2





#17

tert-Butyl alcohol

Concen: 13.304 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.003 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 59 Resp: 201822

Ion Ratio Lower Upper

59 100

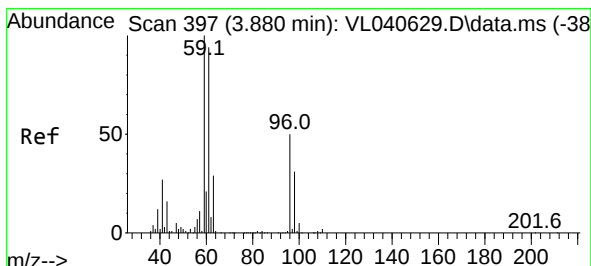
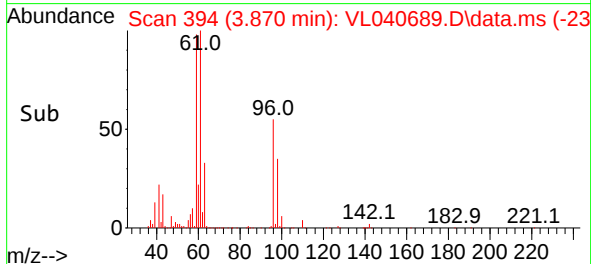
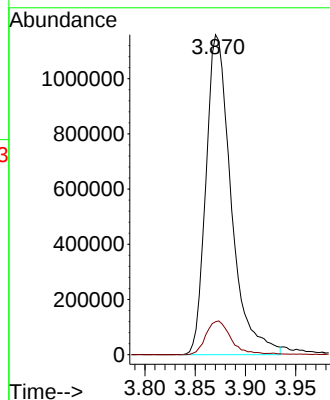
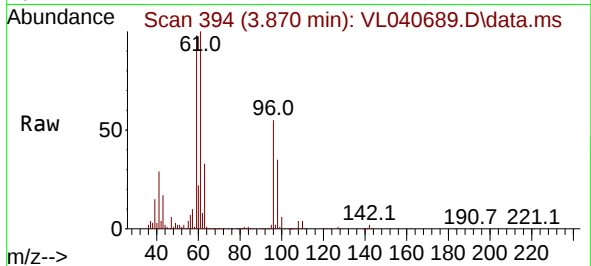
57 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#18

1,1-Dichloroethene

Concen: 14.790 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

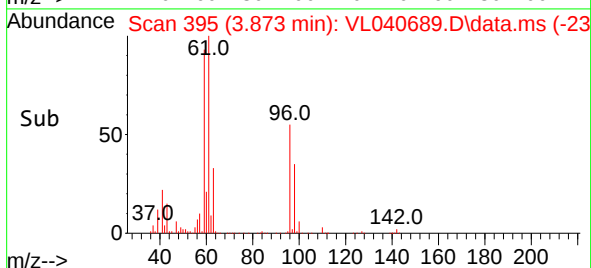
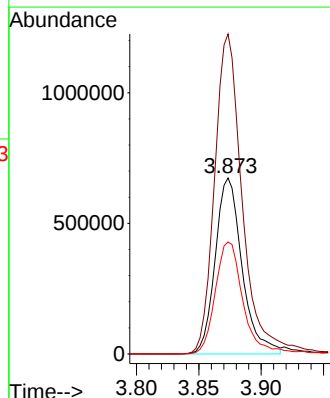
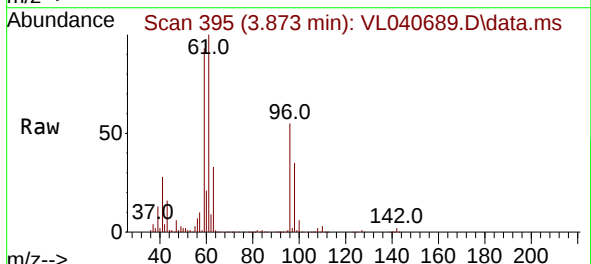
Tgt Ion: 96 Resp: 1011970

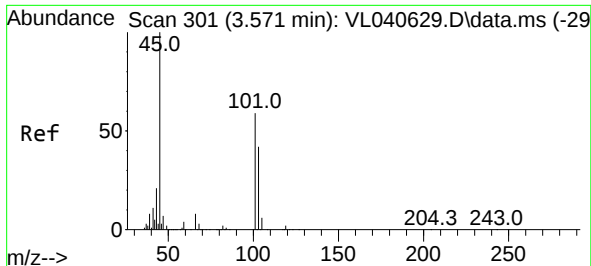
Ion Ratio Lower Upper

96 100

61 181.9 153.6 230.4

98 63.6 51.9 77.9





#19
Isopropyl Alcohol
Concen: 12.543 ppbv
RT: 3.568 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

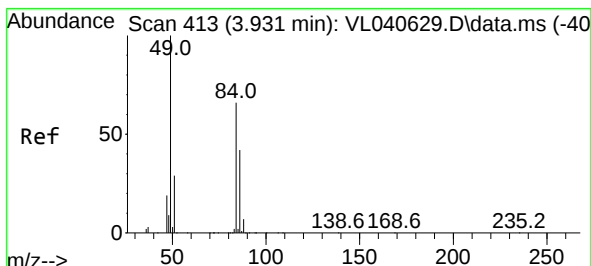
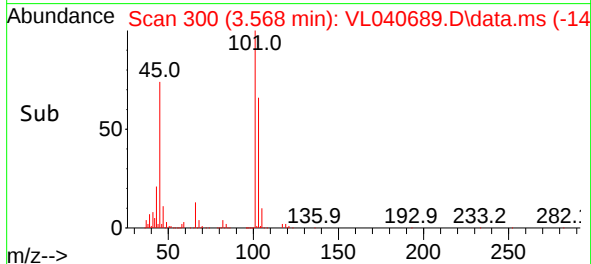
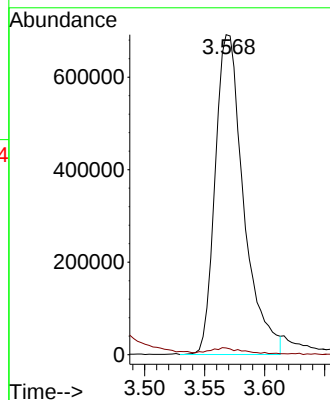
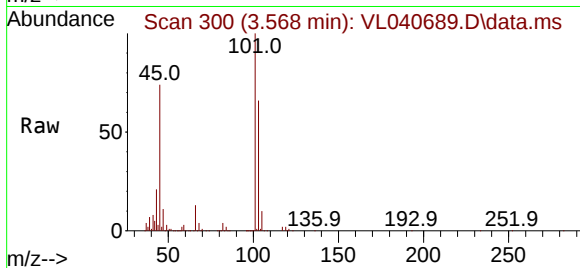
ClientSampleId :

VSTDICC015

Tgt Ion: 45 Resp: 1138004
Ion Ratio Lower Upper
45 100
58 3.1 1.9 2.9

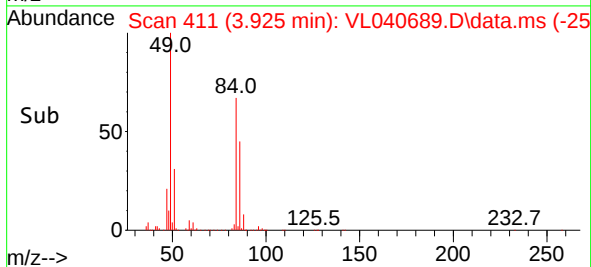
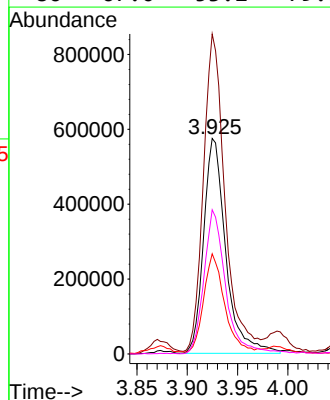
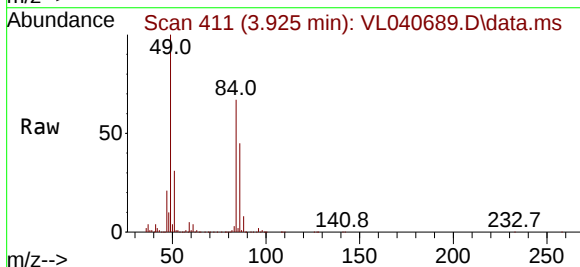
Manual Integrations
APPROVED

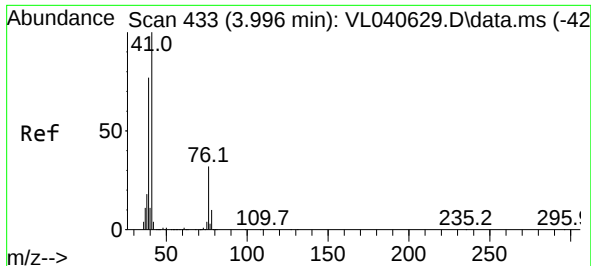
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#20
Methylene Chloride
Concen: 12.601 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

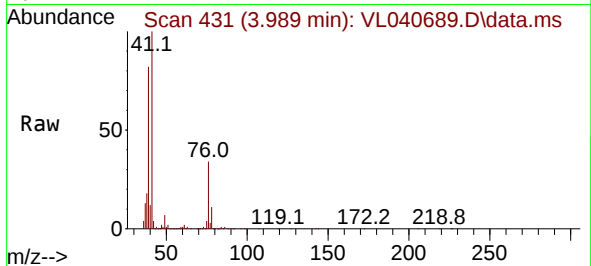
Tgt Ion: 84 Resp: 881118
Ion Ratio Lower Upper
84 100
49 147.5 114.4 171.6
51 45.6 35.5 53.3
86 67.0 53.2 79.8





#21
 Allyl Chloride
 Concen: 14.308 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

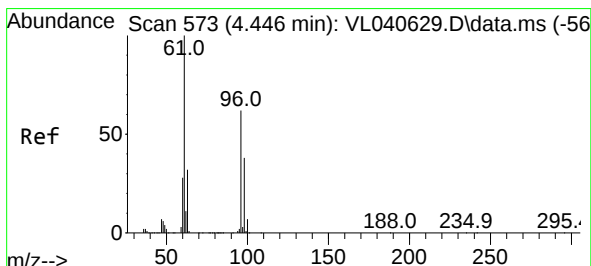
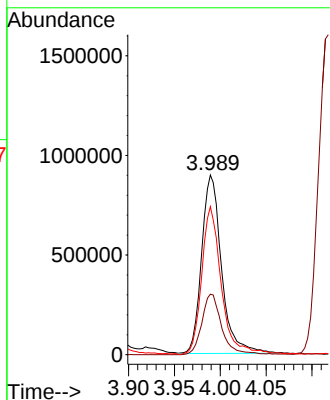
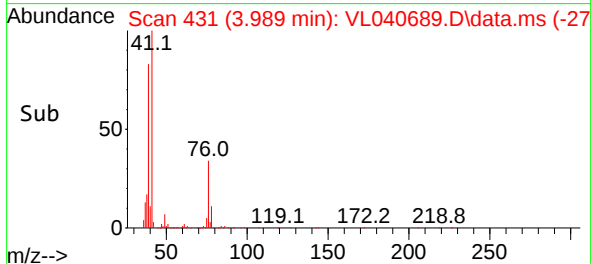
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



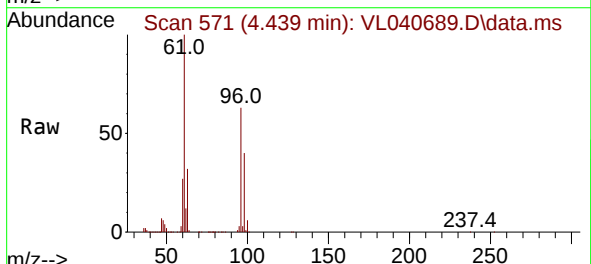
Tgt Ion: 41 Resp: 135416
 Ion Ratio Lower Upper
 41 100
 76 34.1 26.6 40.0
 39 80.8 65.0 97.4

Manual Integrations
 APPROVED

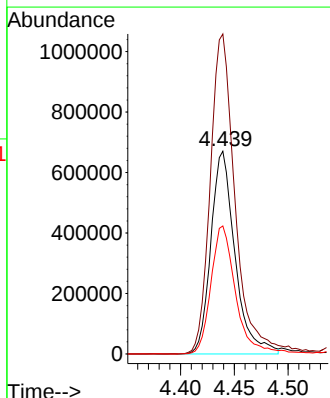
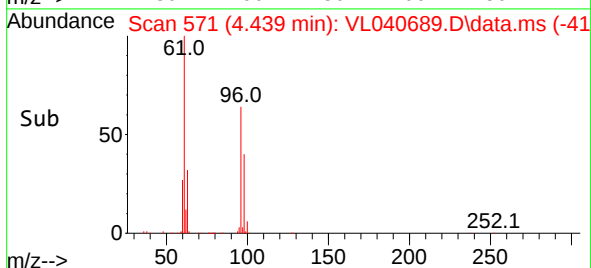
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

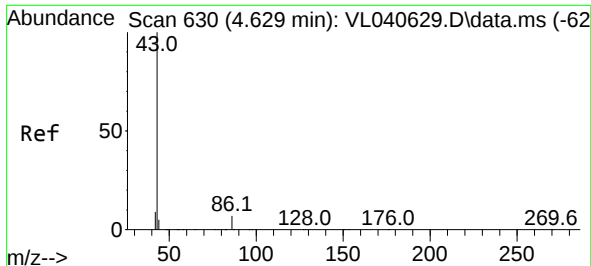


#22
 trans-1,2-Dichloroethene
 Concen: 15.607 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45



Tgt Ion: 96 Resp: 1048300
 Ion Ratio Lower Upper
 96 100
 61 157.8 129.9 194.9
 98 63.1 50.2 75.4





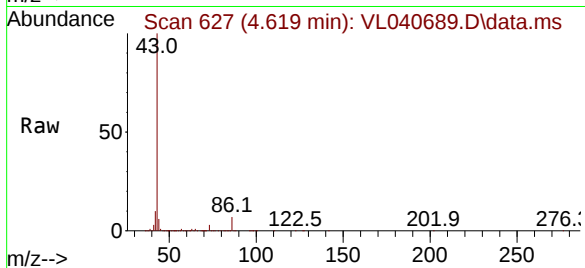
#23
 Vinyl Acetate
 Concen: 15.028 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

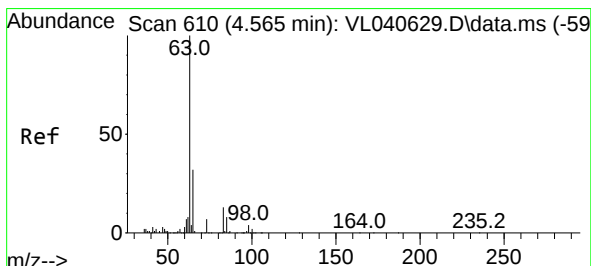
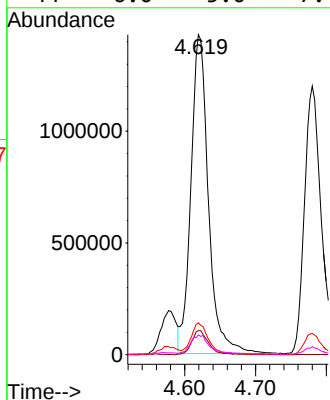
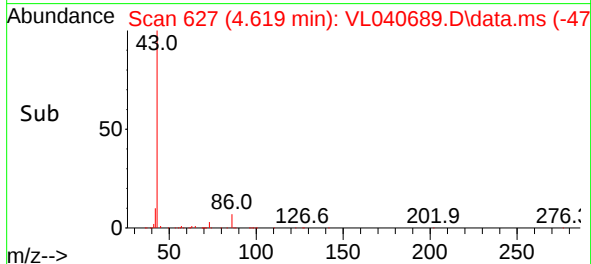


Tgt Ion: 43 Resp: 2450290
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.6 8.4
 42 9.9 7.6 11.4
 44 6.0 5.0 7.4

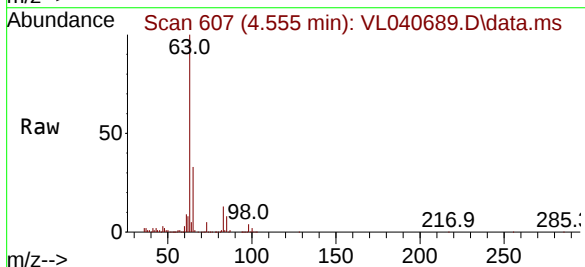
Manual Integrations

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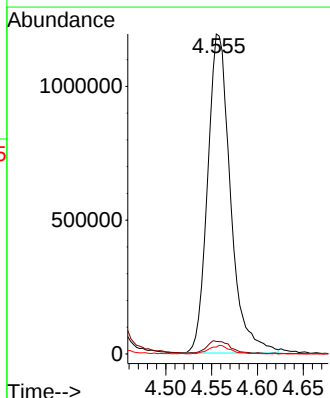
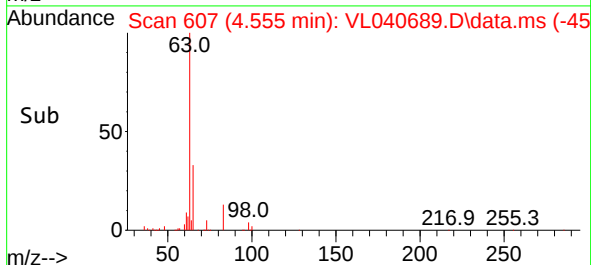
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

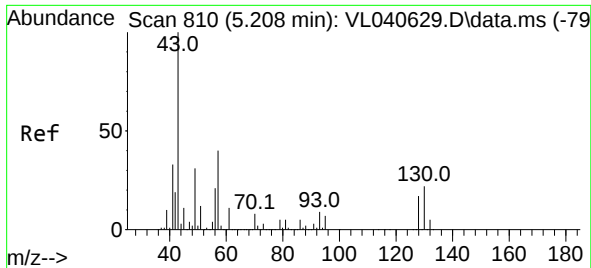


#24
 1,1-Dichloroethane
 Concen: 14.815 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45



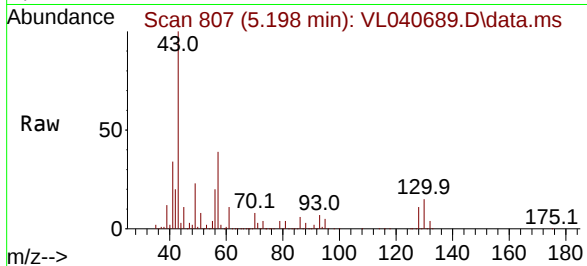
Tgt Ion: 63 Resp: 2065625
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.8 5.5
 100 2.2 1.2 3.6





#25
Ethyl Acetate
Concen: 12.889 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

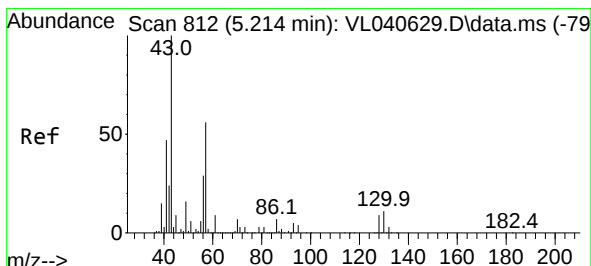
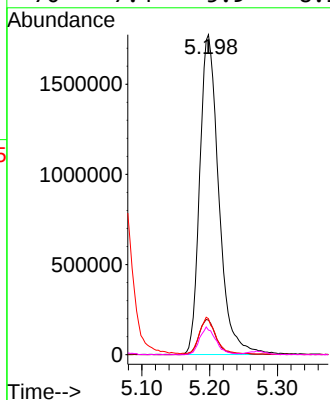
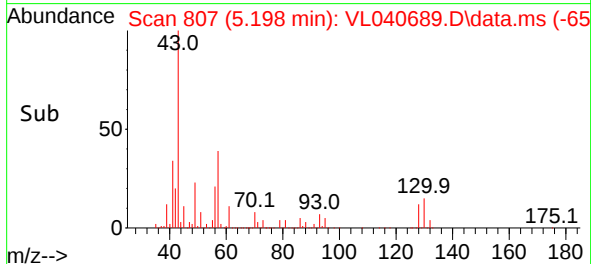
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



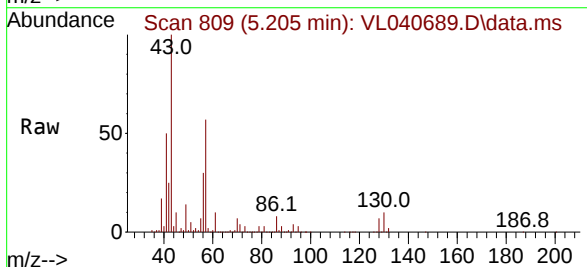
Tgt Ion: 43 Resp: 346367
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 10.8 8.2 12.4
70 7.4 5.9 8.9

Manual Integrations
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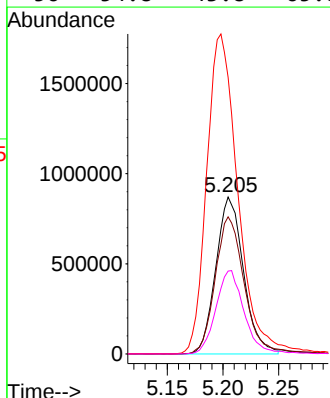
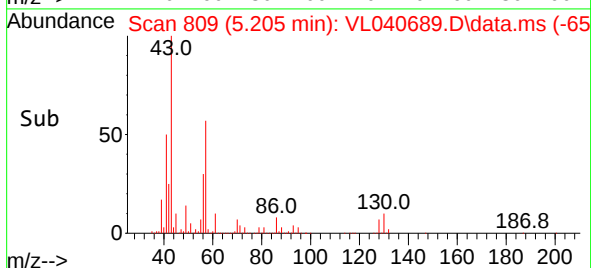
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

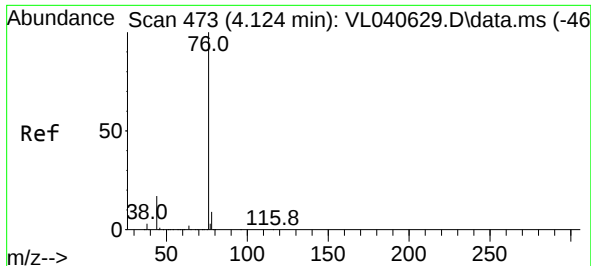


#26
Hexane
Concen: 11.566 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45



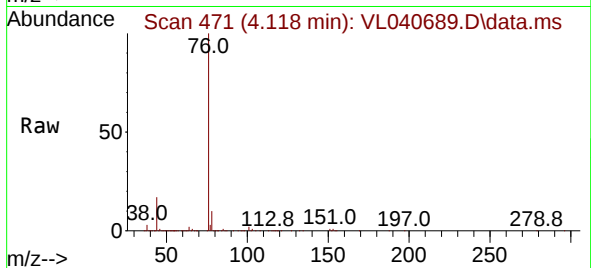
Tgt Ion: 57 Resp: 1503761
Ion Ratio Lower Upper
57 100
41 93.1 75.2 112.8
43 231.4 185.6 278.4
56 54.8 43.8 65.8





#27
Carbon Disulfide
Concen: 16.715 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

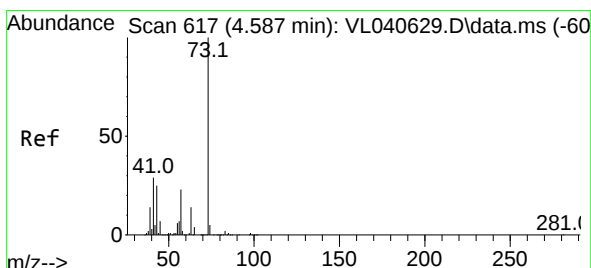
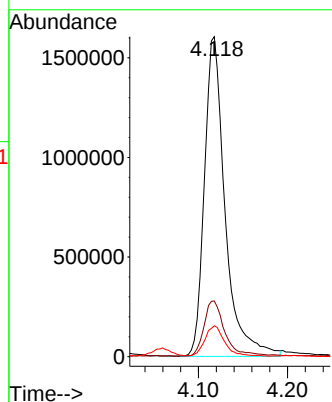
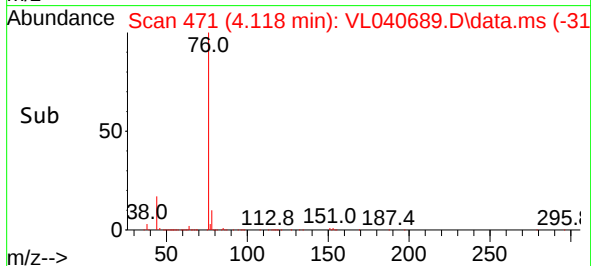
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



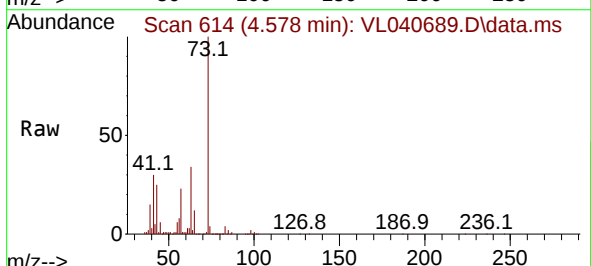
Tgt Ion: 76 Resp: 258734
Ion Ratio Lower Upper
76 100
44 17.6 14.5 21.7
78 9.5 7.7 11.5

Manual Integrations
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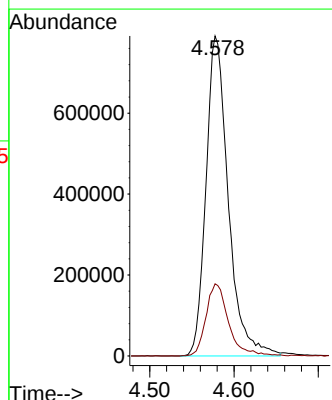
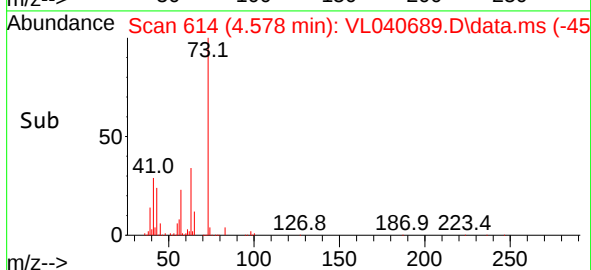
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

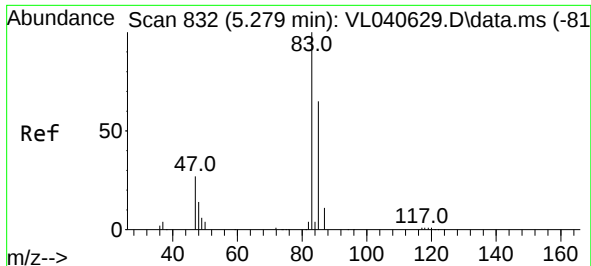


#28
Methyl tert-Butyl Ether
Concen: 14.491 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45



Tgt Ion: 73 Resp: 1456582
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2





#29

Chloroform

Concen: 13.472 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 2772614

Ion Ratio Lower Upper

83 100

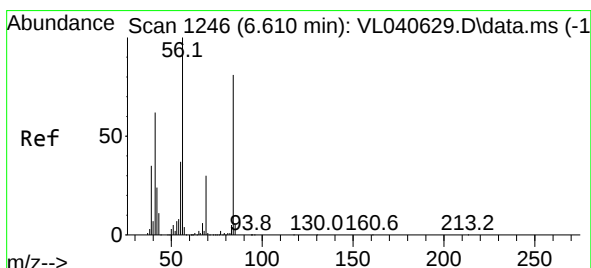
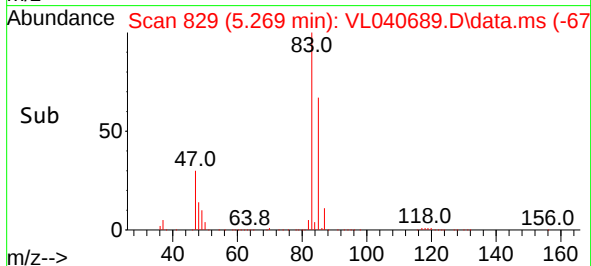
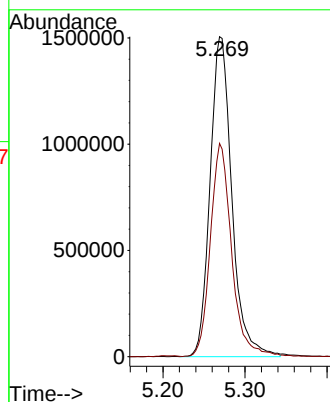
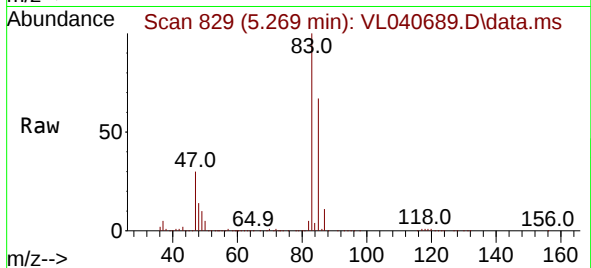
85 66.5 51.8 77.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#30

Cyclohexane

Concen: 13.237 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

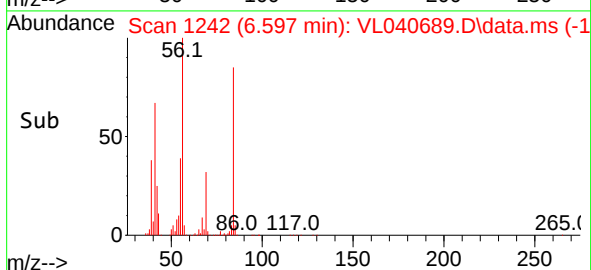
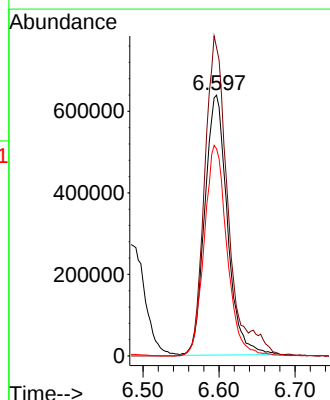
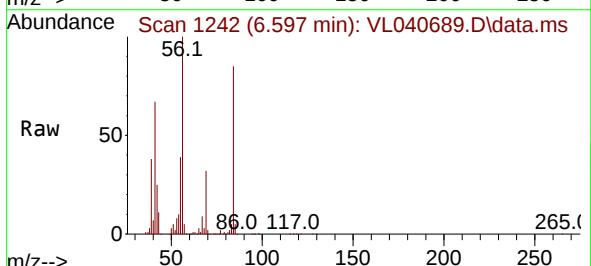
Tgt Ion: 84 Resp: 1316838

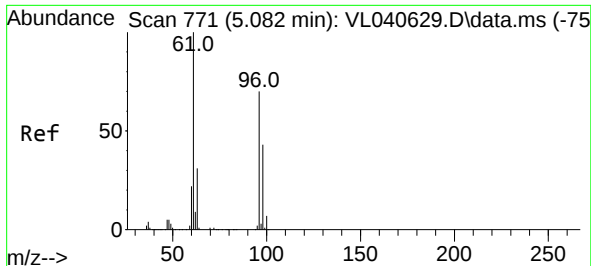
Ion Ratio Lower Upper

84 100

56 126.9 103.2 154.8

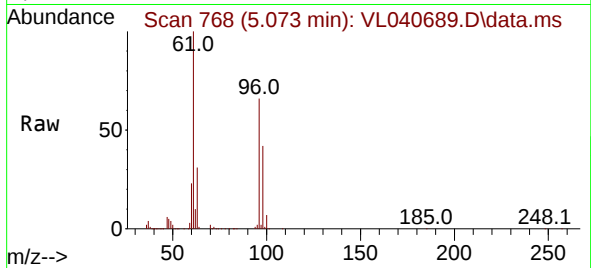
41 81.9 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 13.685 ppbv
 RT: 5.073 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

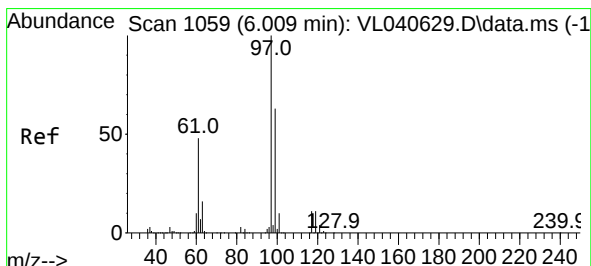
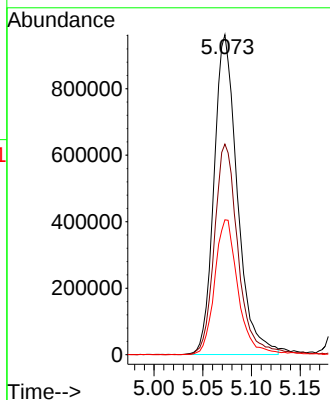
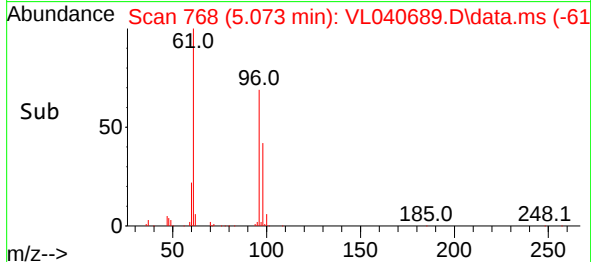
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 61 Resp: 1605779
 Ion Ratio Lower Upper
 61 100
 96 65.8 51.2 76.8
 98 42.1 32.3 48.5

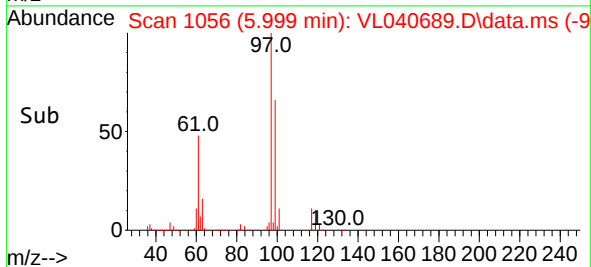
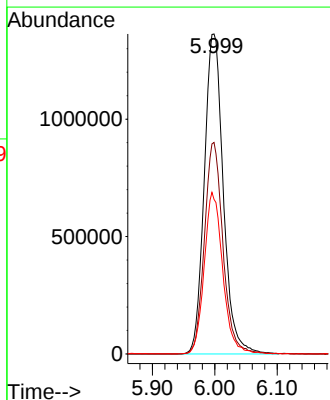
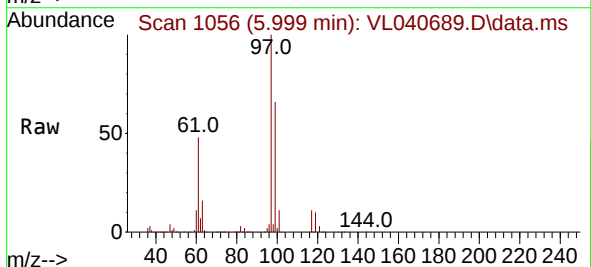
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#32
 1,1,1-Trichloroethane
 Concen: 14.692 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

Tgt Ion: 97 Resp: 2895294
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.4 78.6
 61 49.4 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:114 Resp: 2933279

Ion Ratio Lower Upper

114 100

63 26.6 21.1 31.7

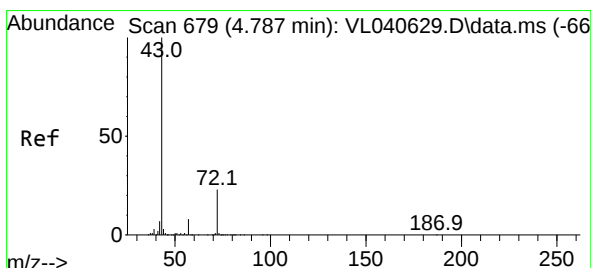
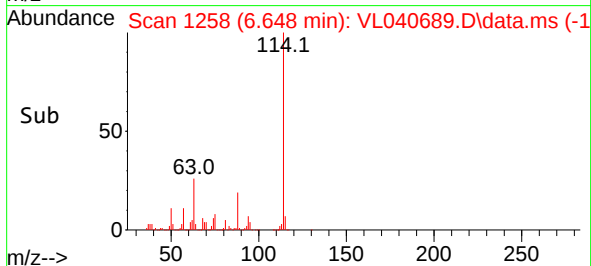
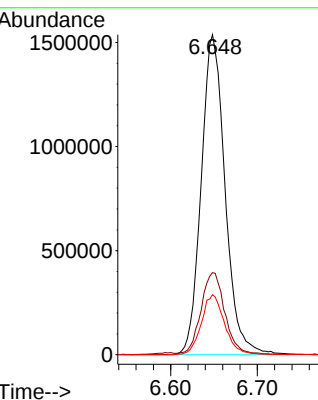
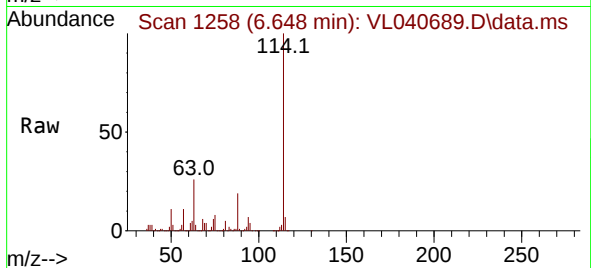
88 18.4 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#34

2-Butanone

Concen: 13.832 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.003 min

Lab File: VL040689.D

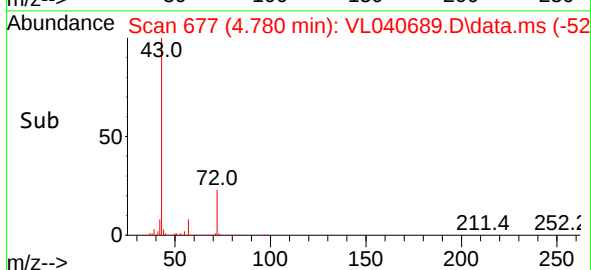
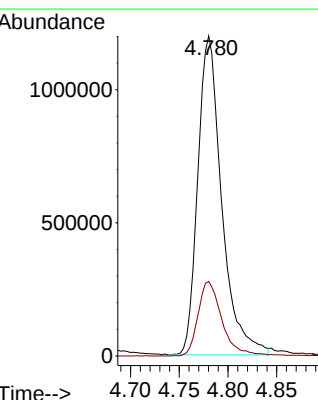
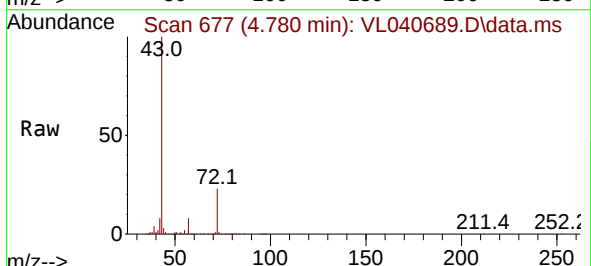
Acq: 14 Sep 2023 17:45

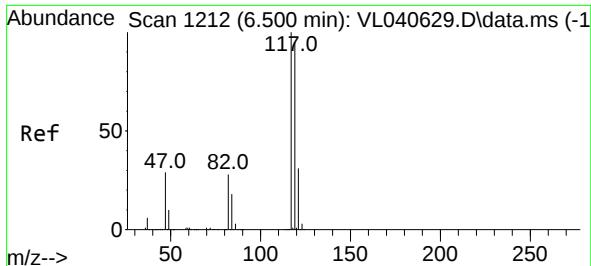
Tgt Ion: 43 Resp: 2046044

Ion Ratio Lower Upper

43 100

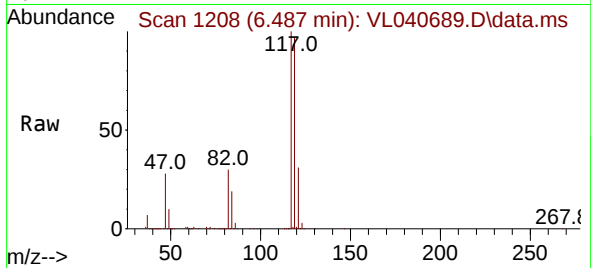
72 23.7 18.6 27.8





#35
Carbon Tetrachloride
Concen: 16.534 ppbv
RT: 6.487 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

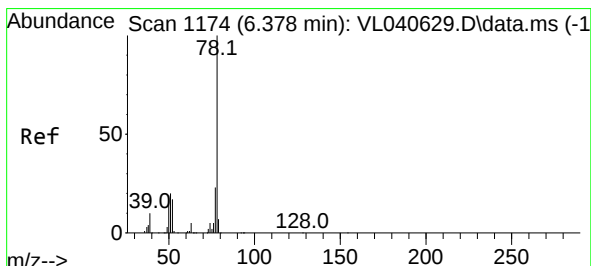
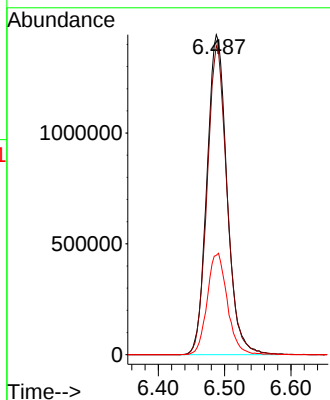
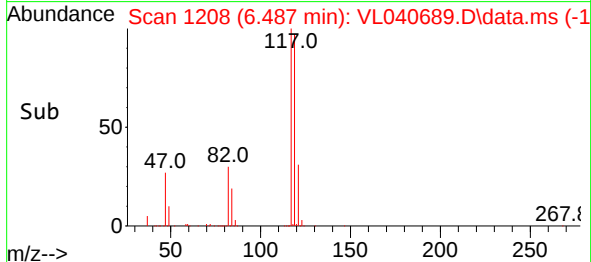
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:117 Resp: 303470
Ion Ratio Lower Upper
117 100
119 96.6 78.6 117.8
121 31.1 24.7 37.1

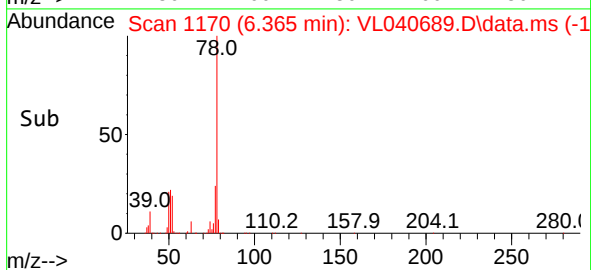
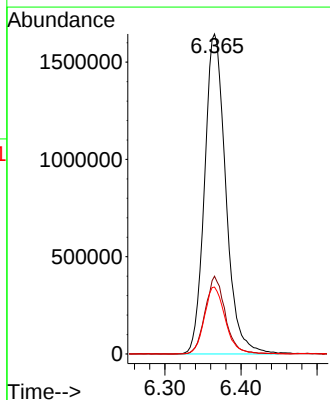
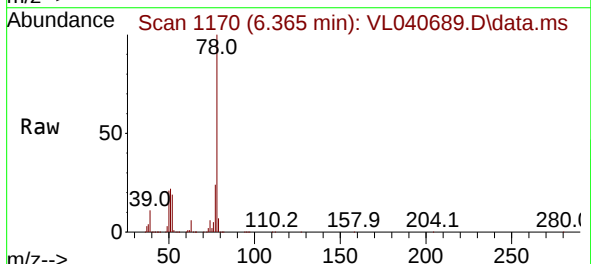
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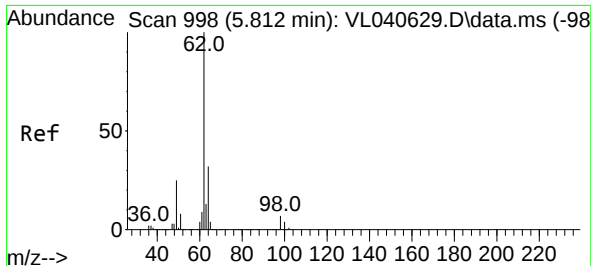
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#36
Benzene
Concen: 13.657 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Tgt Ion: 78 Resp: 3186964
Ion Ratio Lower Upper
78 100
77 24.2 17.9 26.9
50 20.9 17.3 25.9





#37

1,2-Dichloroethane

Concen: 15.277 ppbv

RT: 5.803 min Scan# 998

Delta R.T. 0.003 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 62 Resp: 215006

Ion Ratio Lower Upper

62 100

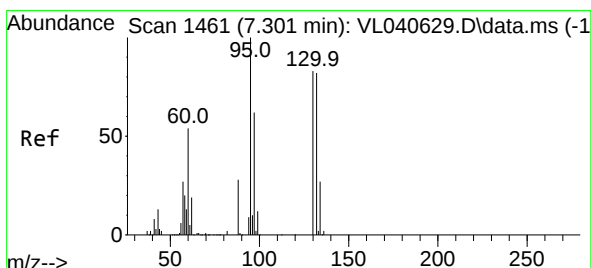
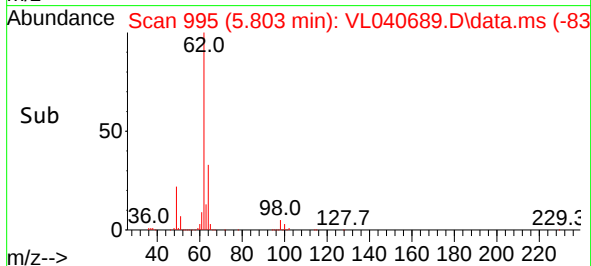
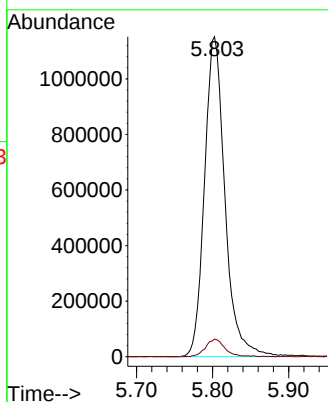
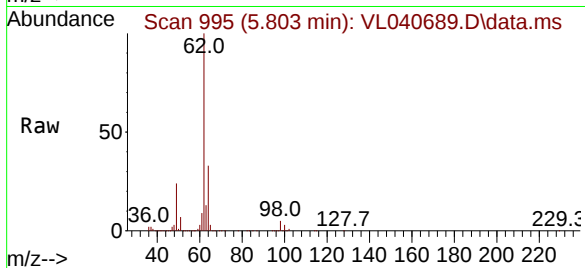
98 5.2 4.2 6.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#38

Trichloroethene

Concen: 15.463 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.000 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Tgt Ion:130 Resp: 1397248

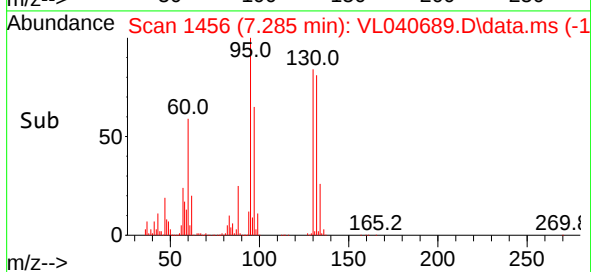
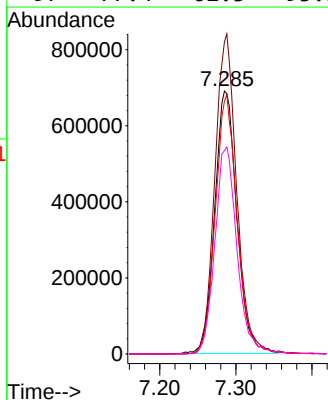
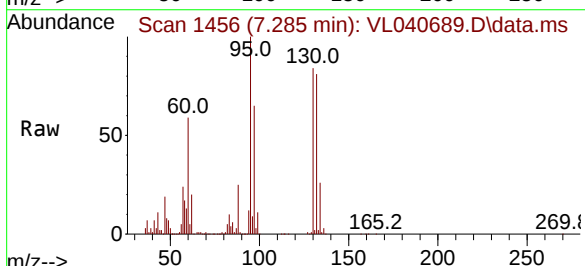
Ion Ratio Lower Upper

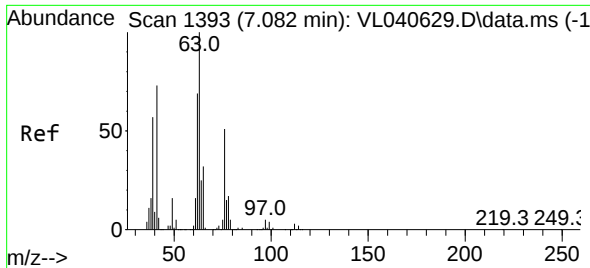
130 100

95 118.9 91.9 137.9

132 96.4 77.3 115.9

97 77.4 62.3 93.5





#39

1,2-Dichloropropane

Concen: 13.764 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 63 Resp: 122192

Ion Ratio Lower Upper

63 100

41 75.8 61.6 92.4

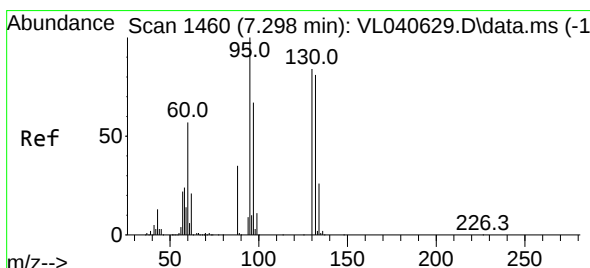
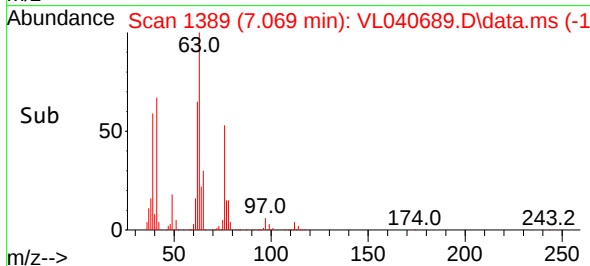
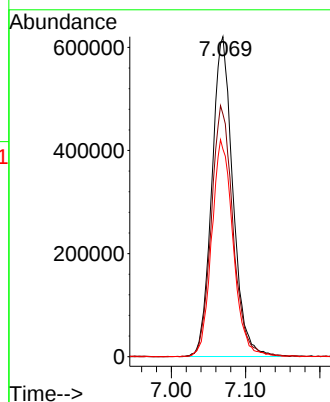
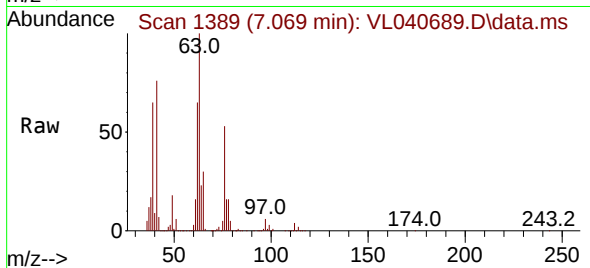
62 64.8 55.8 83.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#40

1,4-Dioxane

Concen: 14.172 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.000 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Tgt Ion: 88 Resp: 476675

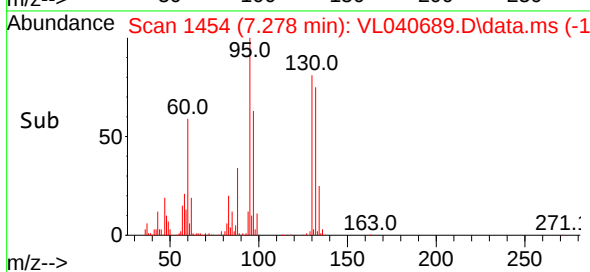
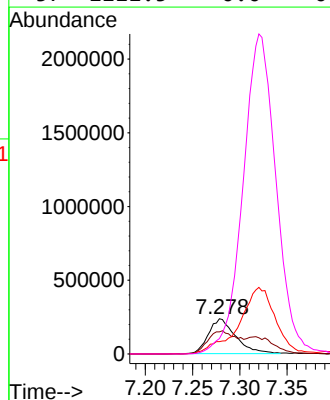
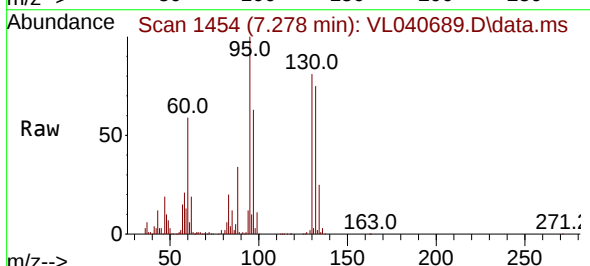
Ion Ratio Lower Upper

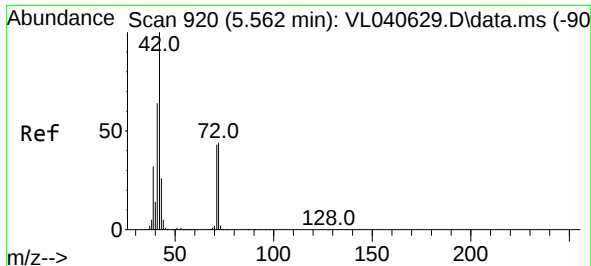
88 100

58 121.4 92.7 139.1

43 253.5 0.0 0.0#

57 1111.5 0.0 0.0#





#41

Tetrahydrofuran

Concen: 13.828 ppbv

RT: 5.549 min Scan# 916

Delta R.T. -0.000 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 42 Resp: 1156120

Ion Ratio Lower Upper

42 100

72 42.7 34.9 52.3

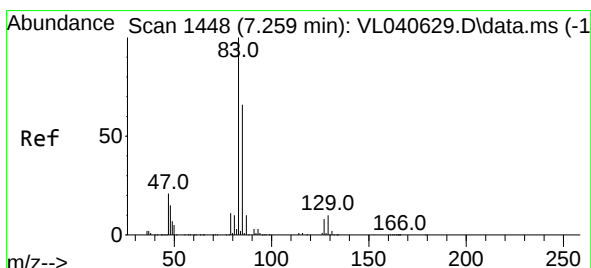
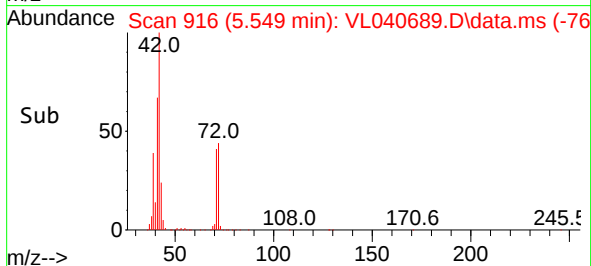
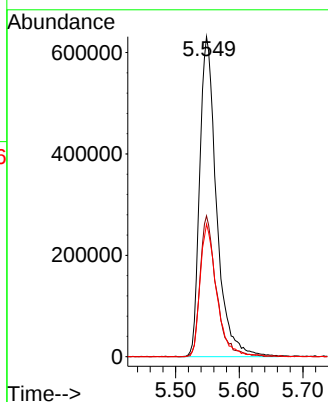
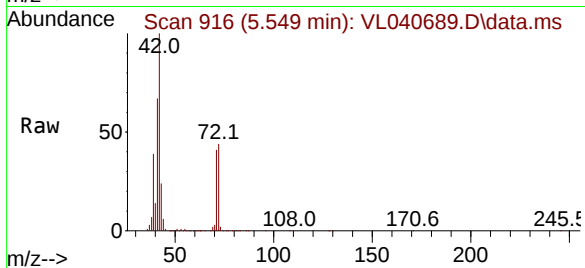
71 41.2 33.8 50.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#42

Bromodichloromethane

Concen: 15.830 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

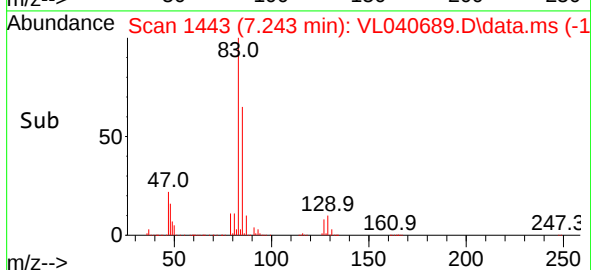
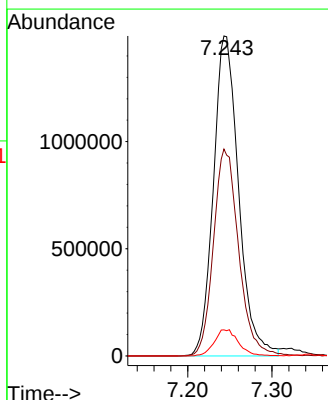
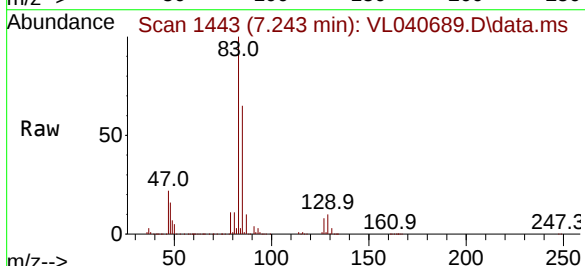
Tgt Ion: 83 Resp: 3101126

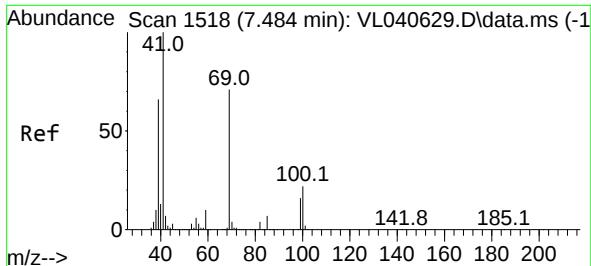
Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

127 8.2 6.2 9.4





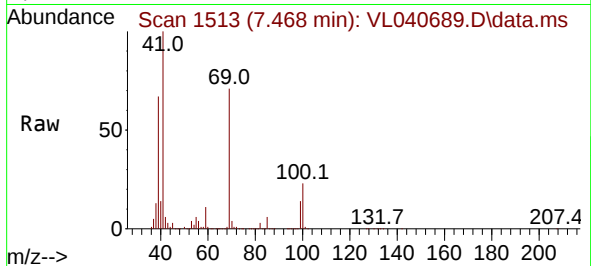
#43
Methyl Methacrylate
Concen: 15.662 ppbv
RT: 7.468 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

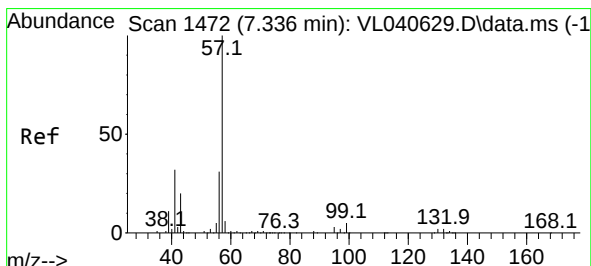
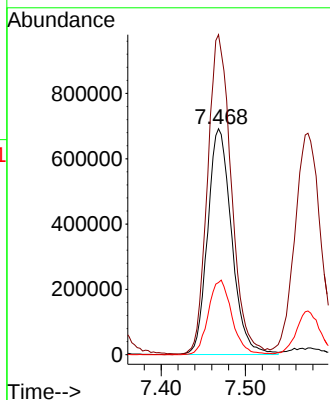
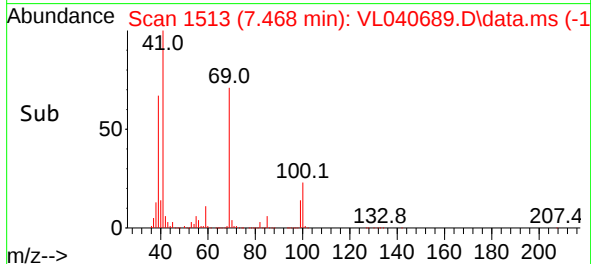


Tgt Ion: 69 Resp: 136844
Ion Ratio Lower Upper
69 100
41 140.5 113.8 170.8
100 32.5 25.4 38.0

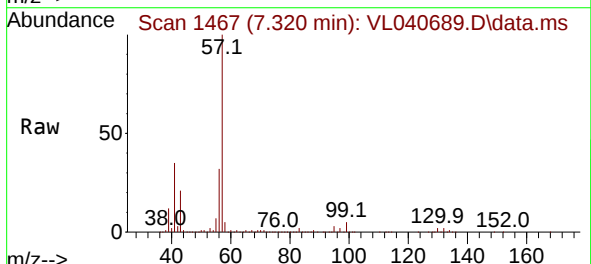
Manual Integrations

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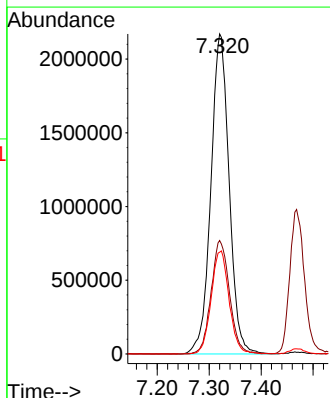
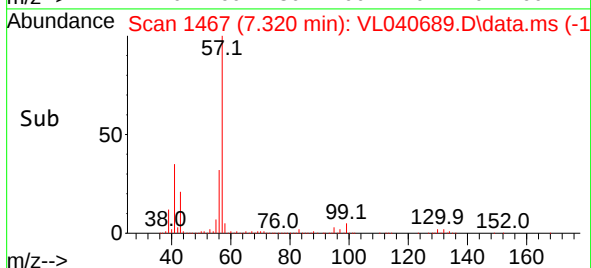
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

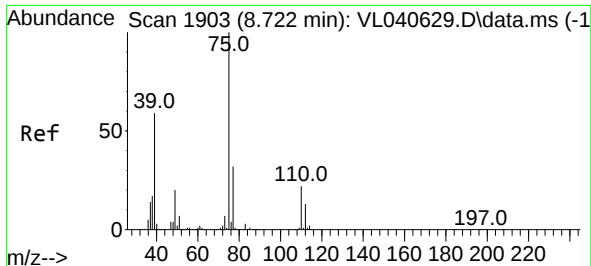


#44
2,2,4-Trimethylpentane
Concen: 14.048 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45



Tgt Ion: 57 Resp: 5298691
Ion Ratio Lower Upper
57 100
41 35.8 28.5 42.7
56 31.7 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 17.701 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 123514

Ion Ratio Lower Upper

75 100

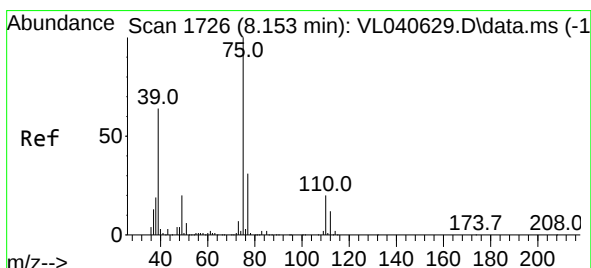
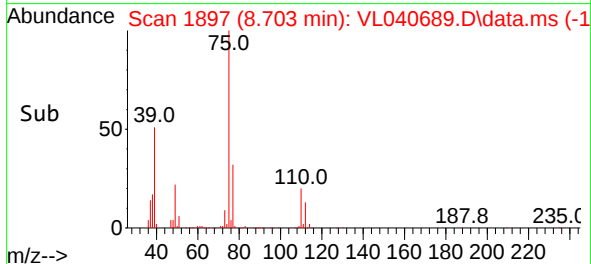
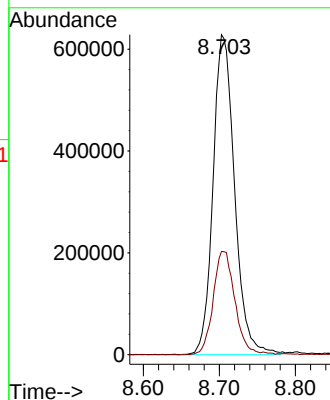
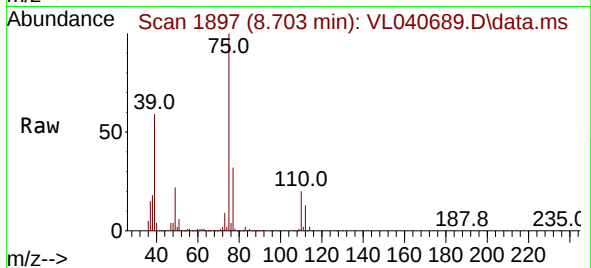
77 32.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#46

cis-1,3-Dichloropropene

Concen: 16.227 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.000 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

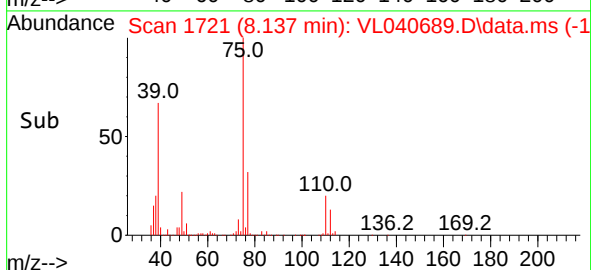
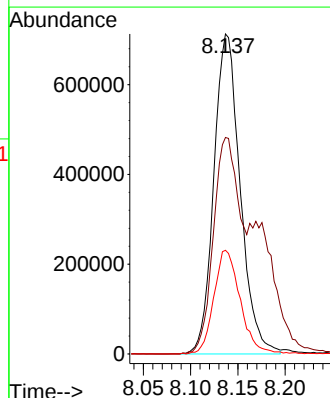
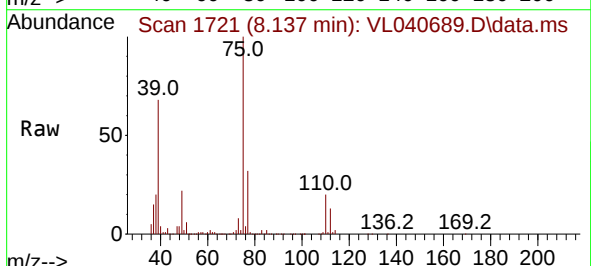
Tgt Ion: 75 Resp: 1381222

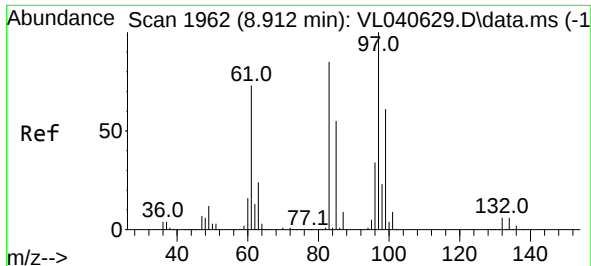
Ion Ratio Lower Upper

75 100

39 67.6 54.0 81.0

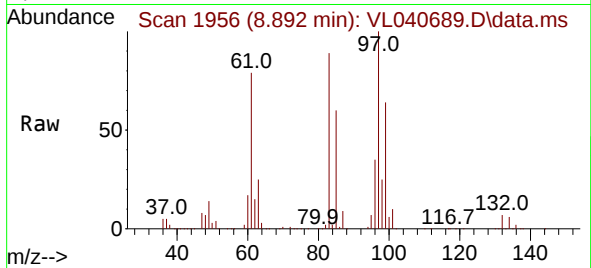
77 32.4 23.6 35.4





#47
1,1,2-Trichloroethane
Concen: 14.349 ppbv
RT: 8.892 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

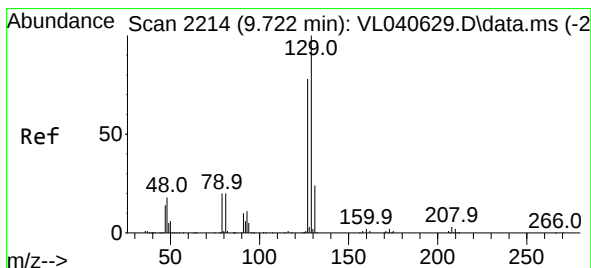
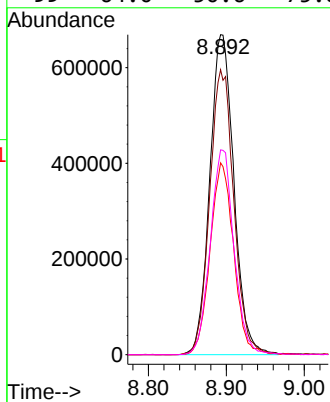
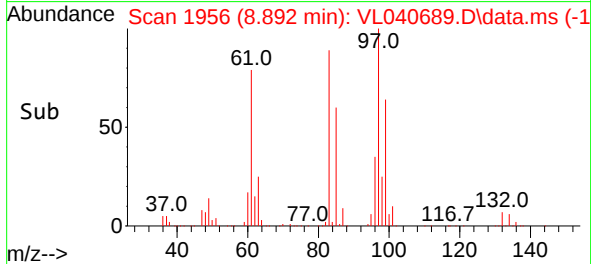
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 97 Resp: 143906
Ion Ratio Lower Upper
97 100
83 89.0 70.8 106.2
85 59.9 45.7 68.5
99 64.0 50.6 75.8

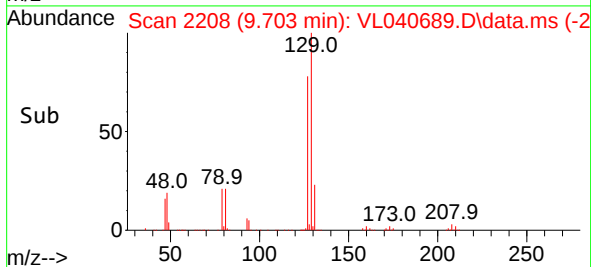
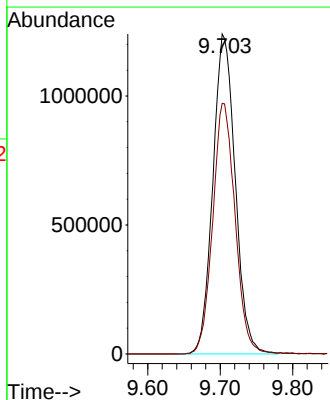
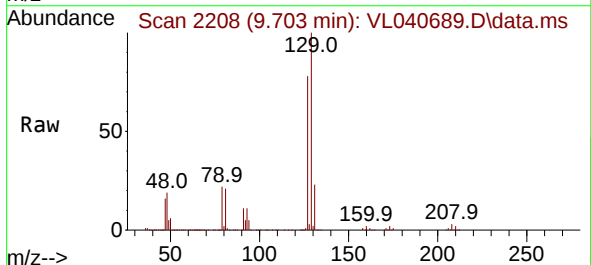
Manual Integrations
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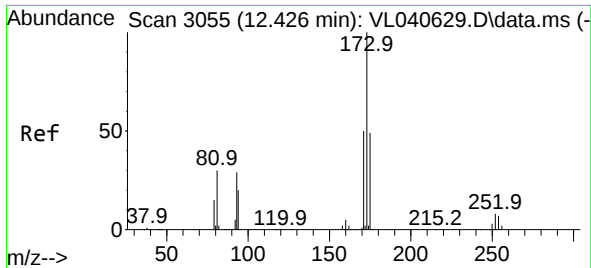
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#48
Dibromochloromethane
Concen: 16.925 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

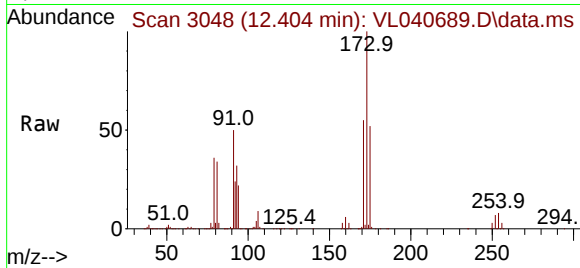
Tgt Ion:129 Resp: 2656411
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.2





#49
Bromoform
Concen: 17.847 ppbv
RT: 12.404 min Scan# 3055
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

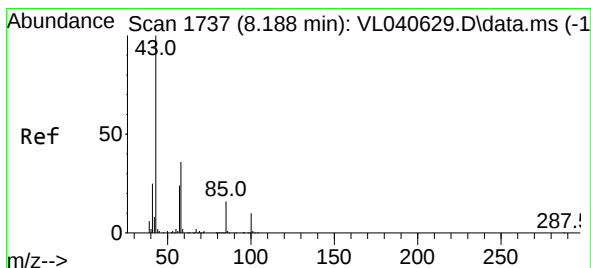
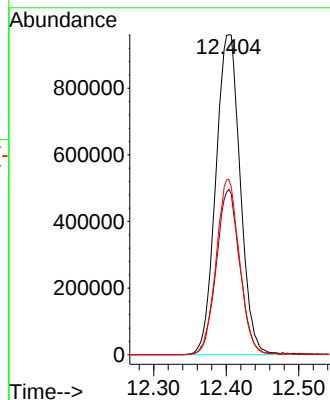
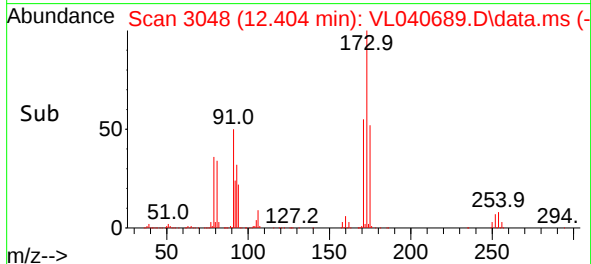
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 173 Resp: 2244229
Ion Ratio Lower Upper
173 100
175 50.1 38.8 58.2
171 52.9 42.2 63.2

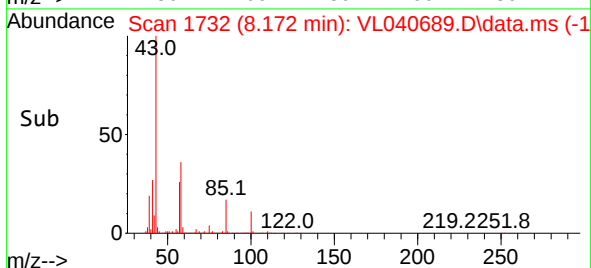
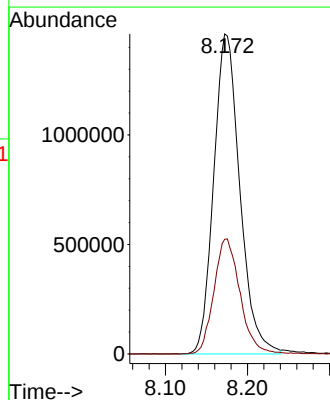
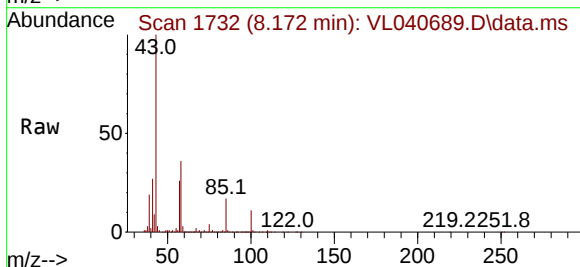
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#50
4-Methyl-2-Pentanone
Concen: 14.967 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

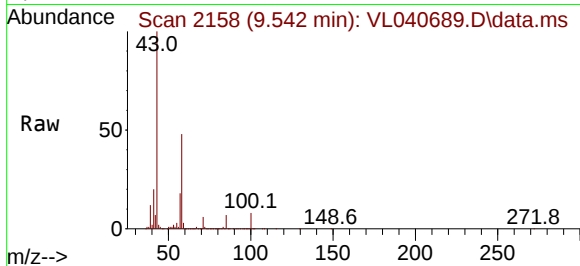
Tgt Ion: 43 Resp: 3234341
Ion Ratio Lower Upper
43 100
58 36.2 28.2 42.4





#51
2-Hexanone
Concen: 15.729 ppbv
RT: 9.542 min Scan# 2165
Delta R.T. -0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

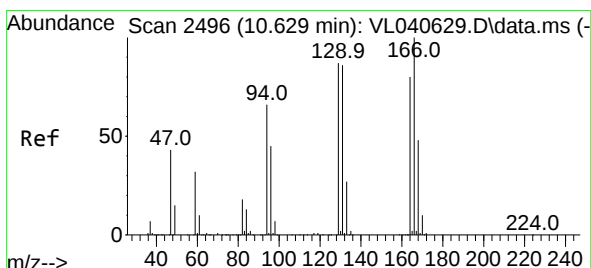
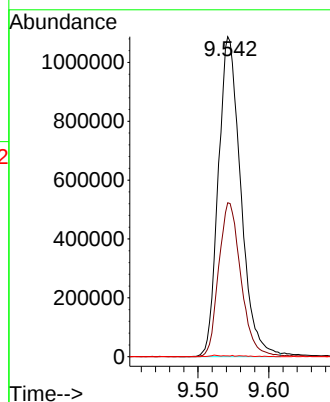
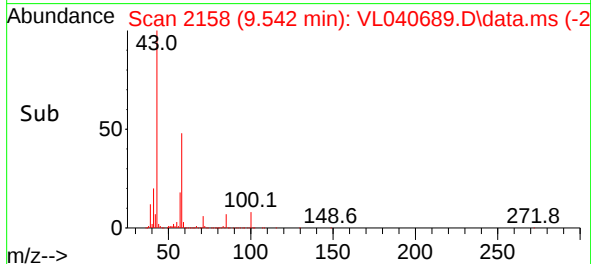
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 239488
Ion Ratio Lower Upper
43 100
58 47.9 37.6 56.4
98 0.5 0.6 1.0

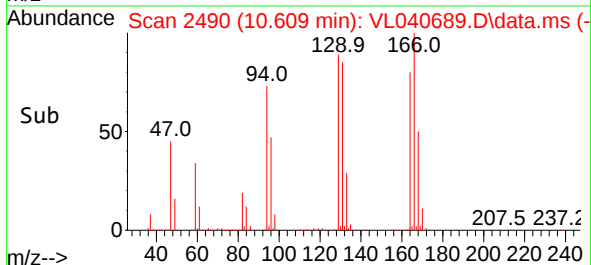
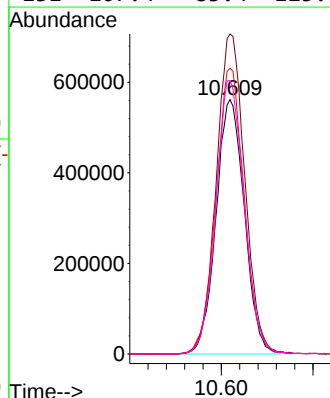
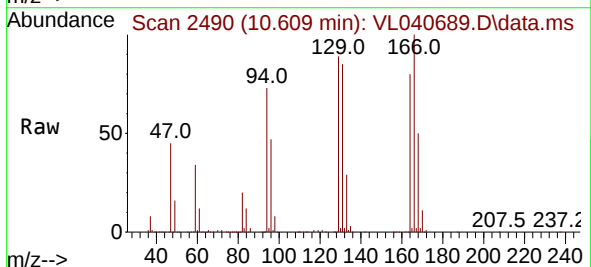
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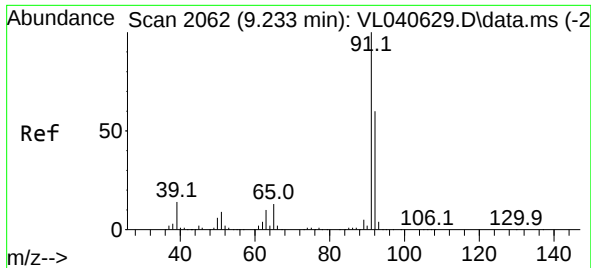
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#52
Tetrachloroethene
Concen: 16.481 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Tgt Ion:164 Resp: 1204487
Ion Ratio Lower Upper
164 100
166 125.7 103.4 155.2
129 112.1 83.5 125.3
131 107.4 83.4 125.0





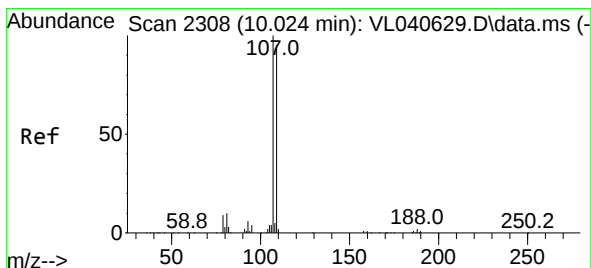
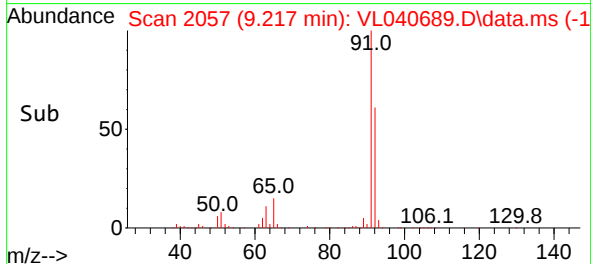
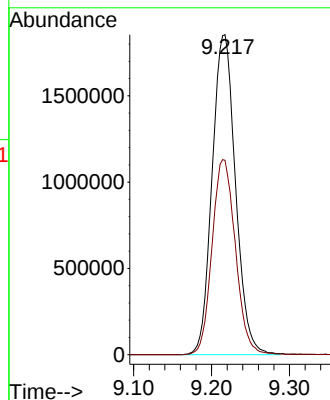
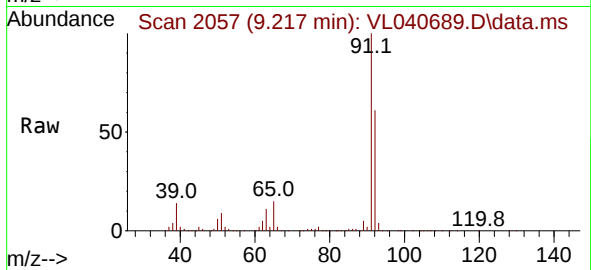
#53
Toluene
Concen: 15.609 ppbv
RT: 9.217 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 387071
Ion Ratio Lower Upper
91 100
92 60.9 48.5 72.7

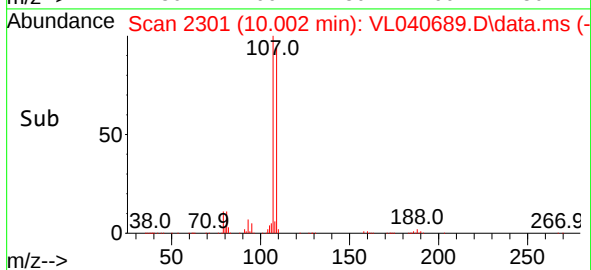
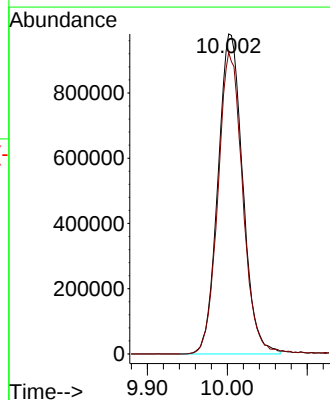
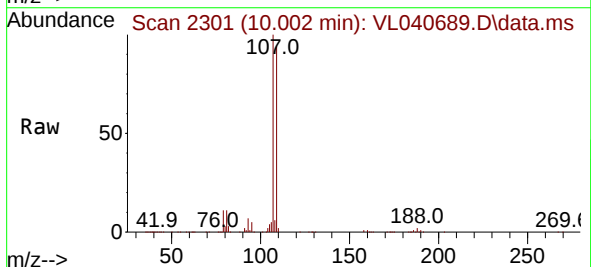
Manual Integrations
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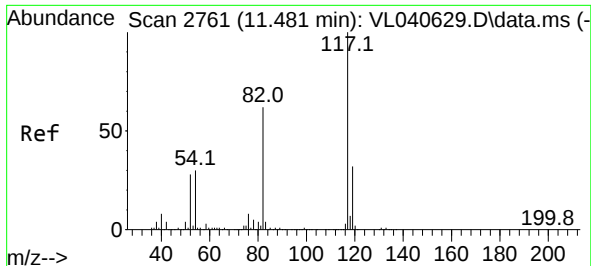
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#54
1,2-Dibromoethane
Concen: 16.514 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Tgt Ion:107 Resp: 2108636
Ion Ratio Lower Upper
107 100
109 94.2 72.4 108.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.458 min Scan# 2761

Delta R.T. -0.003 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:117 Resp: 307223

Ion Ratio Lower Upper

117 100

82 61.1 51.4 77.0

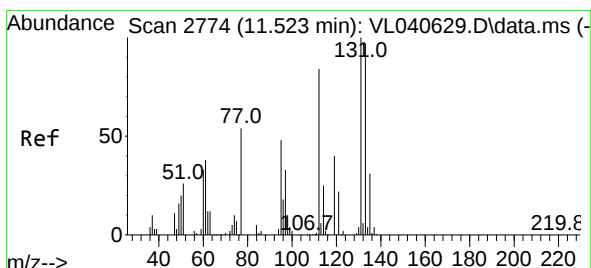
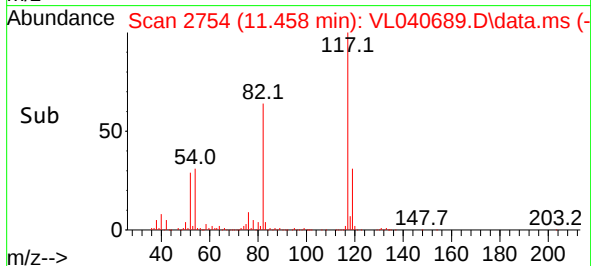
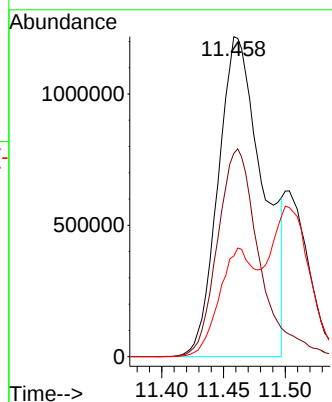
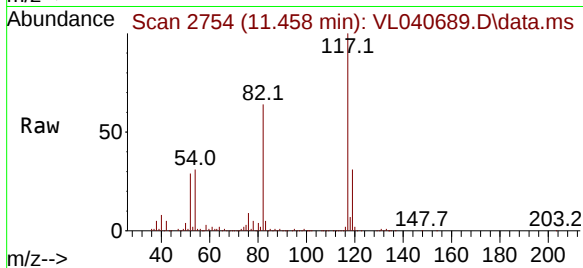
119 0.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 13.900 ppbv

RT: 11.503 min Scan# 2768

Delta R.T. -0.003 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

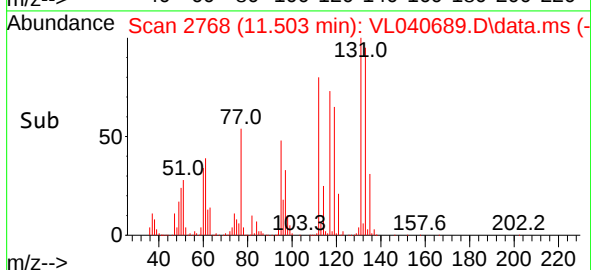
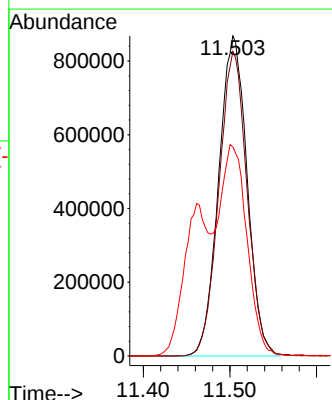
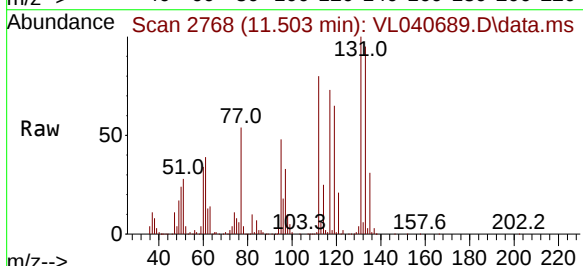
Tgt Ion:131 Resp: 1975819

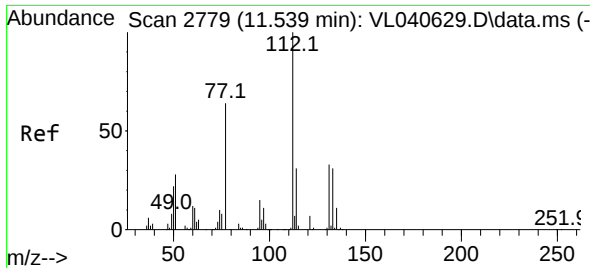
Ion Ratio Lower Upper

131 100

133 94.6 76.2 114.2

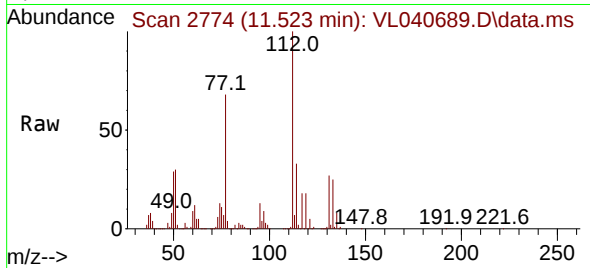
119 107.6 45.5 68.3





#57
Chlorobenzene
Concen: 13.347 ppbv
RT: 11.523 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

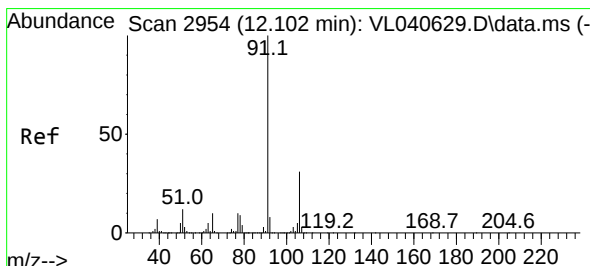
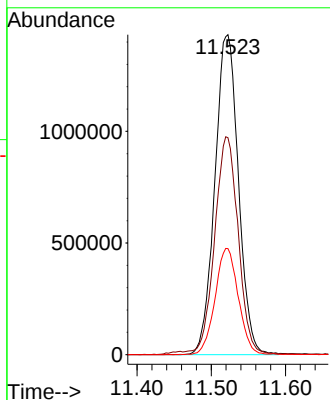
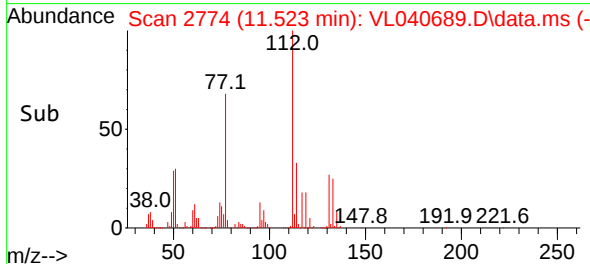
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:112 Resp: 316462
Ion Ratio Lower Upper
112 100
77 67.6 50.8 76.2
114 33.1 28.2 34.4

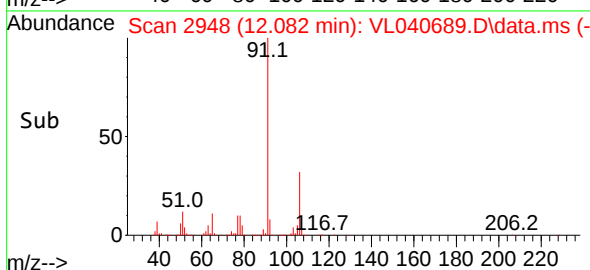
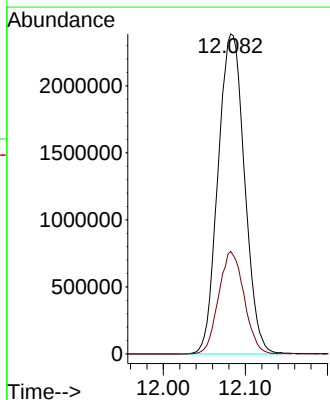
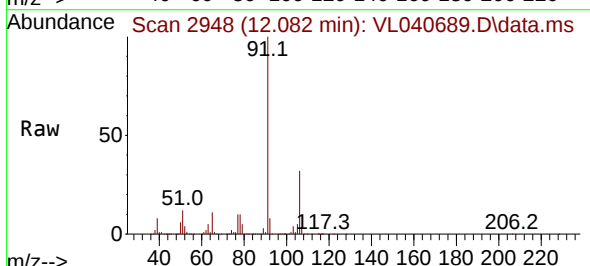
Manual Integrations
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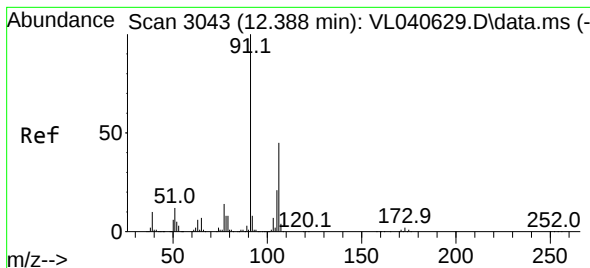
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#58
Ethyl Benzene
Concen: 14.462 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Tgt Ion: 91 Resp: 5357729
Ion Ratio Lower Upper
91 100
106 32.1 24.7 37.1





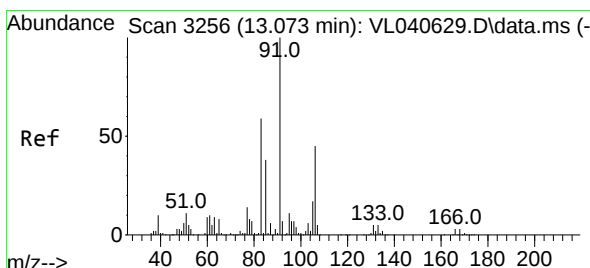
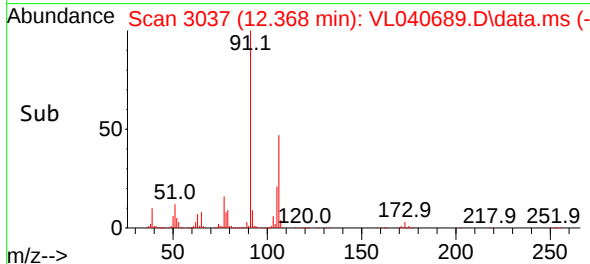
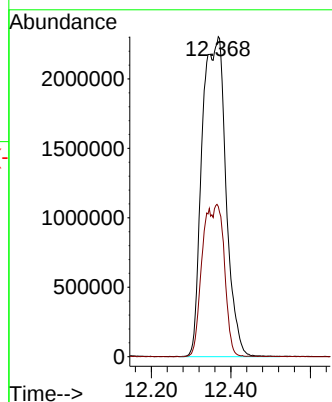
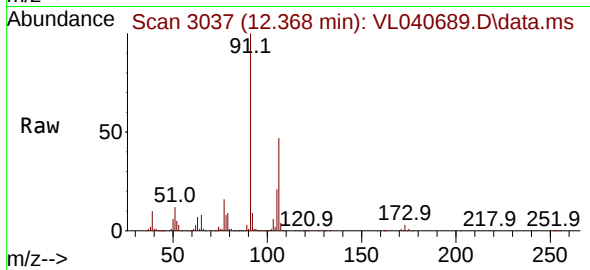
#59
m/p-Xylene
Concen: 28.327 ppbv m
RT: 12.368 min Scan# 3043
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 957280
Ion Ratio Lower Upper
91 100
106 44.2 34.8 52.2

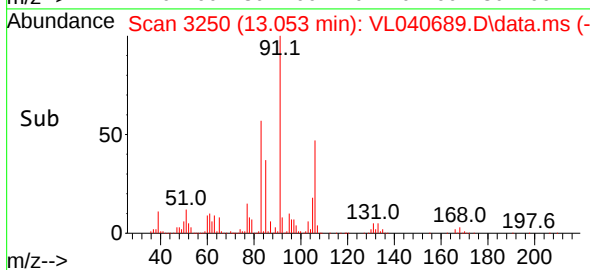
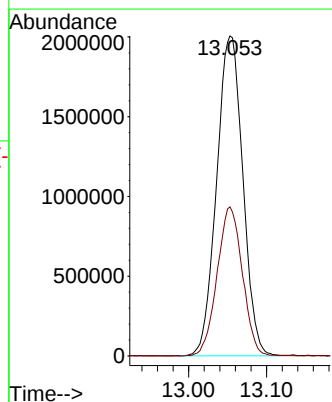
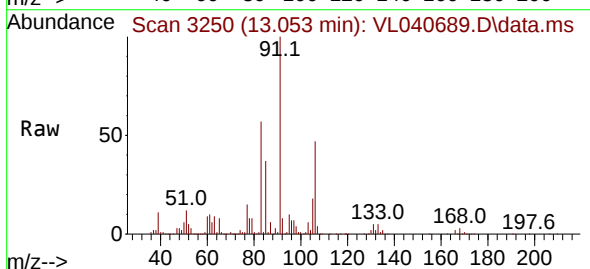
Manual Integrations
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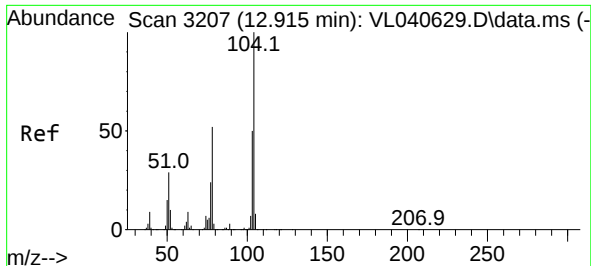
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#60
o-Xylene
Concen: 14.622 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

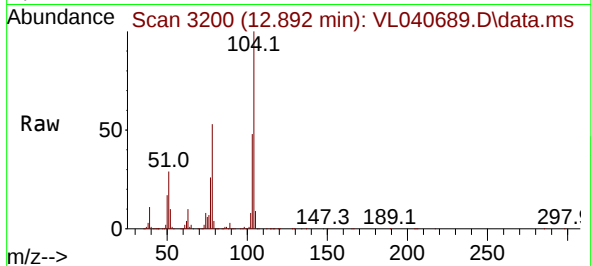
Tgt Ion: 91 Resp: 4683735
Ion Ratio Lower Upper
91 100
106 45.1 22.3 66.9





#61
Styrene
Concen: 16.422 ppbv
RT: 12.892 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

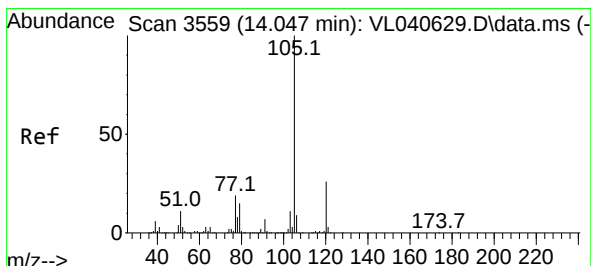
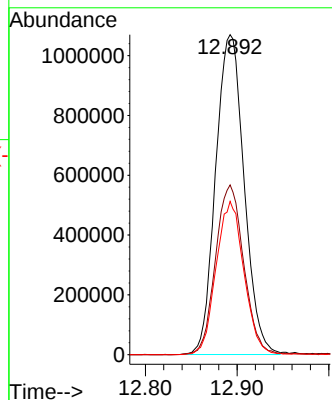
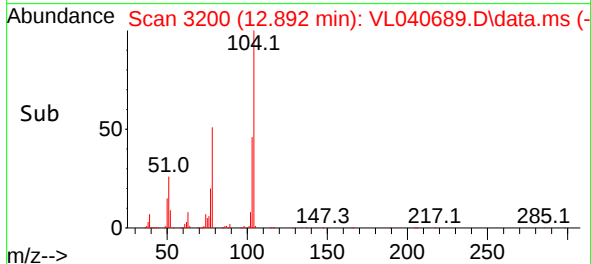
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



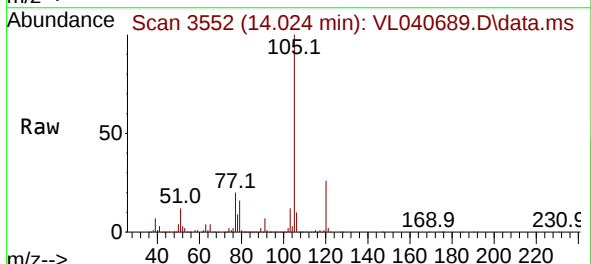
Tgt Ion:104 Resp: 2304869
Ion Ratio Lower Upper
104 100
78 52.9 43.4 65.0
103 46.8 37.2 55.8

Manual Integrations
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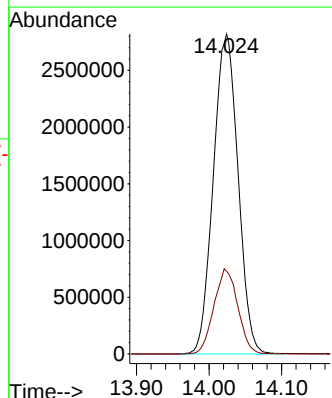
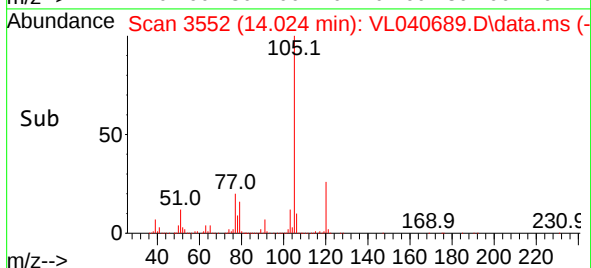
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

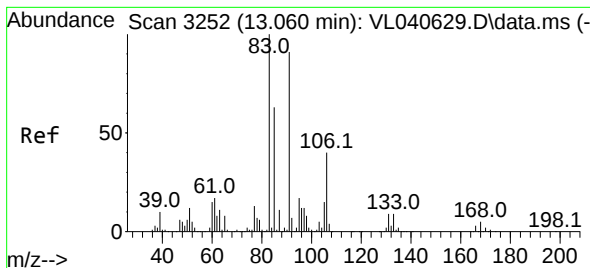


#62
Isopropylbenzene
Concen: 13.759 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45



Tgt Ion:105 Resp: 6669750
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.4





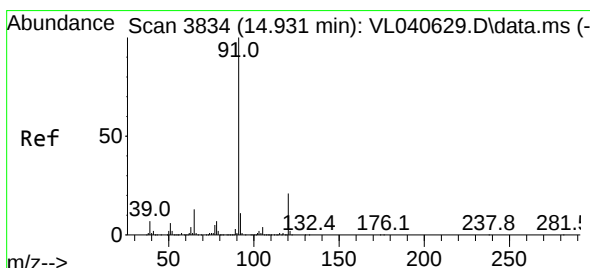
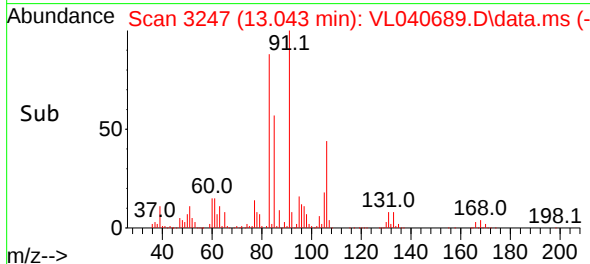
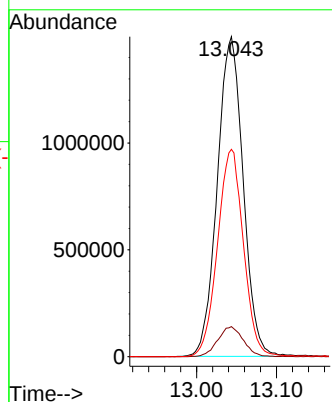
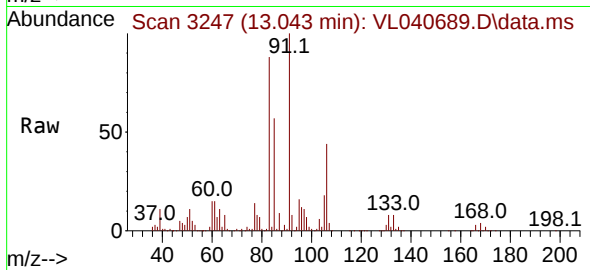
#63
1,1,2,2-Tetrachloroethane
Concen: 14.018 ppbv
RT: 13.043 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 336296
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 65.2 33.1 99.3

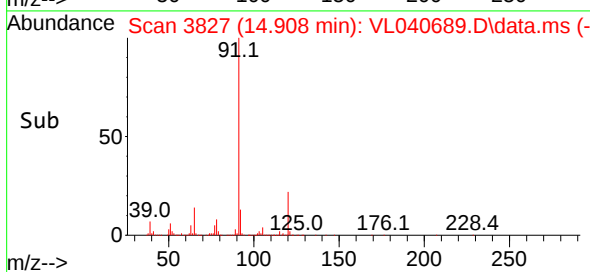
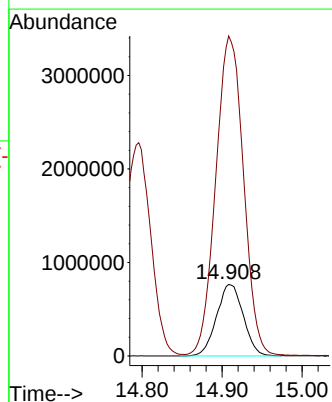
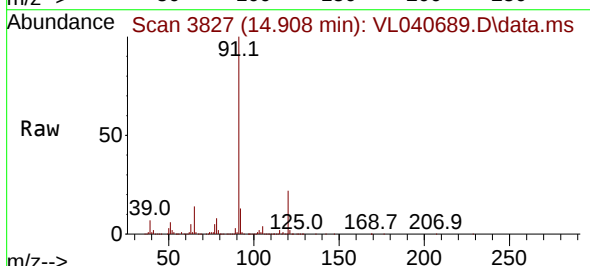
Manual Integrations
APPROVED

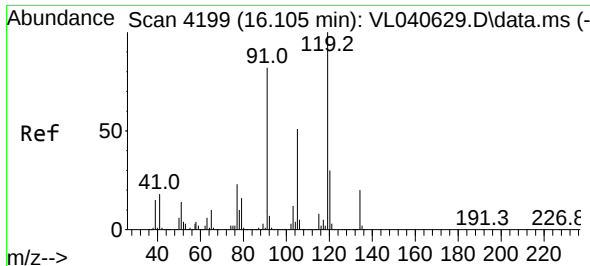
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#64
n-propylbenzene
Concen: 14.456 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

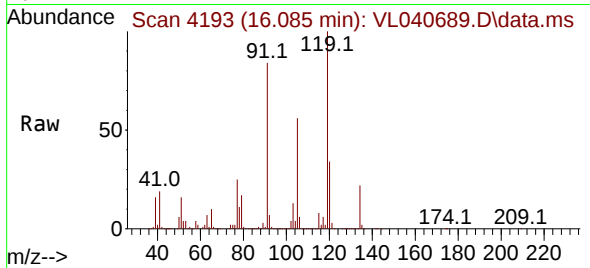
Tgt Ion:120 Resp: 1771016
Ion Ratio Lower Upper
120 100
91 467.5 386.9 580.3





#65
tert-Butylbenzene
Concen: 14.431 ppbv
RT: 16.085 min Scan# 4199
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

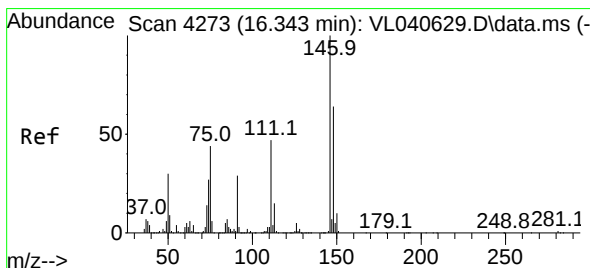
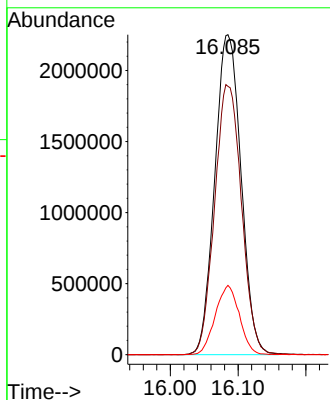
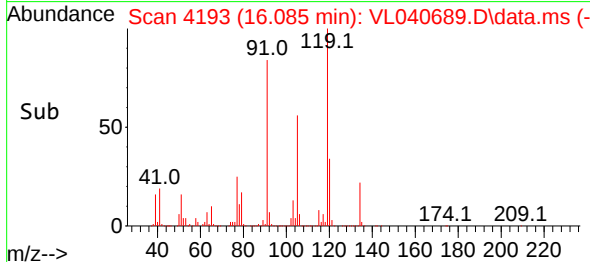
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 119 Resp: 606298
Ion Ratio Lower Upper
119 100
91 86.4 69.8 104.8
134 20.0 15.4 23.2

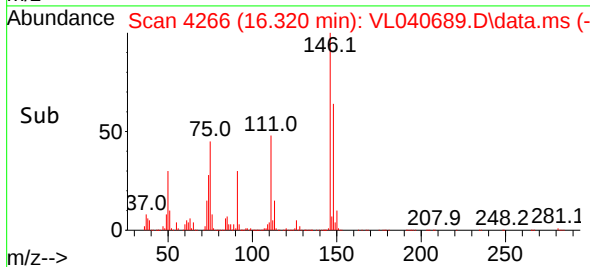
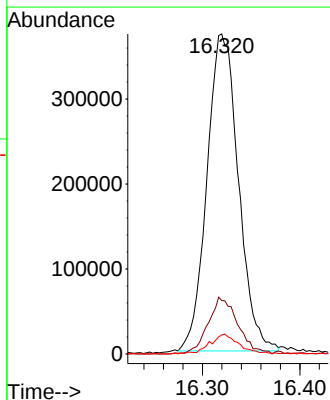
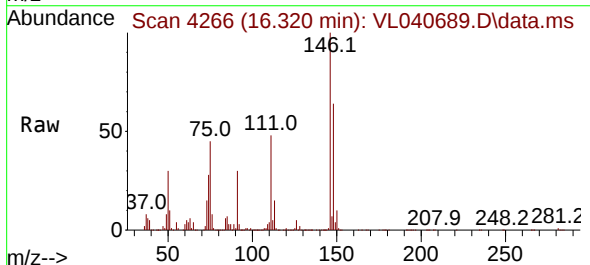
Manual Integrations
APPROVED

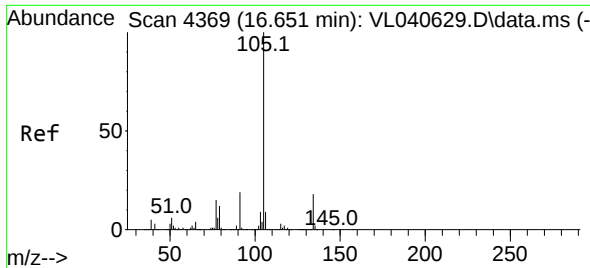
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#66
Benzyl Chloride
Concen: 15.858 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

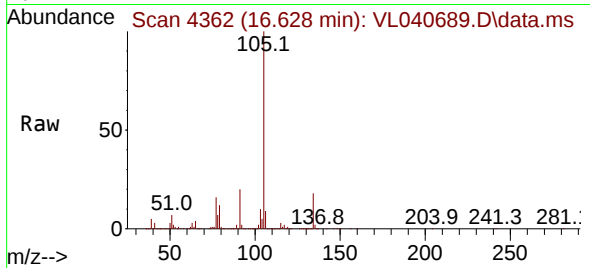
Tgt Ion: 91 Resp: 837837
Ion Ratio Lower Upper
91 100
126 17.3 13.6 20.4
128 5.9 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 13.789 ppbv
 RT: 16.628 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45

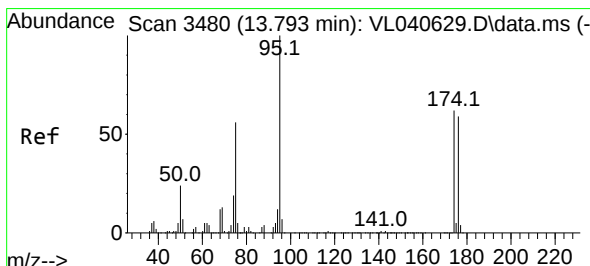
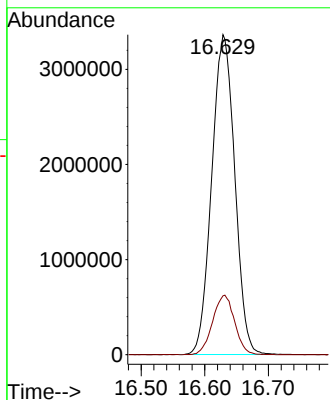
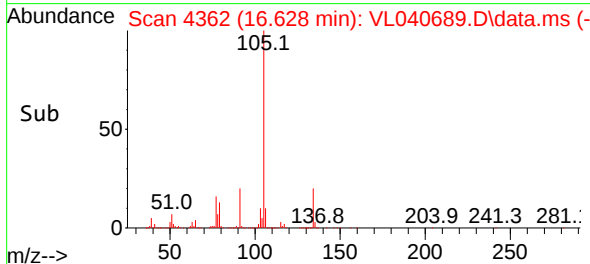
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



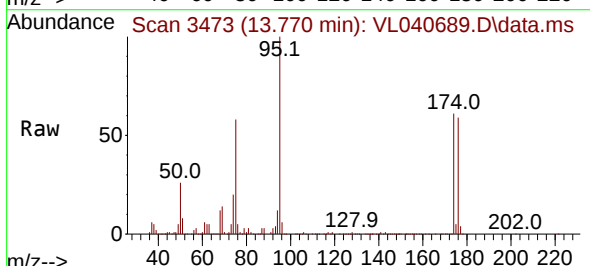
Tgt Ion:105 Resp: 8452619
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.1 21.1

Manual Integrations
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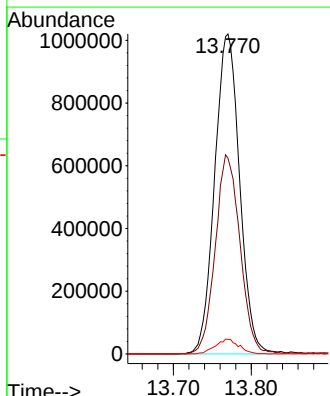
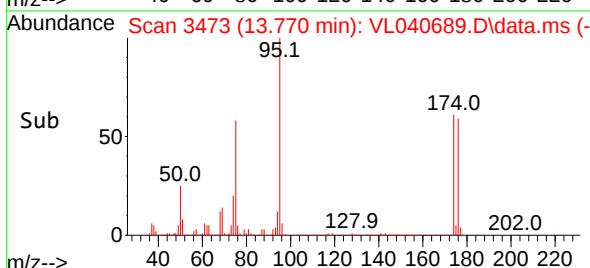
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

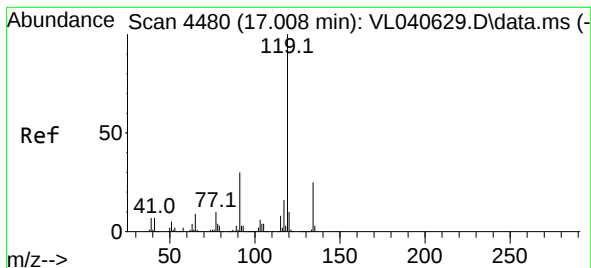


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.290 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.000 min
 Lab File: VL040689.D
 Acq: 14 Sep 2023 17:45



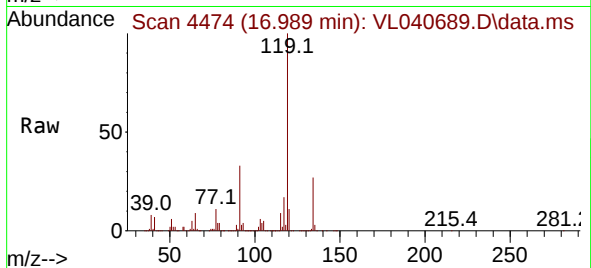
Tgt Ion: 95 Resp: 2269866
 Ion Ratio Lower Upper
 95 100
 174 62.1 48.9 73.3
 175 4.4 3.5 5.3





#69
p-Isopropyltoluene
Concen: 14.421 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

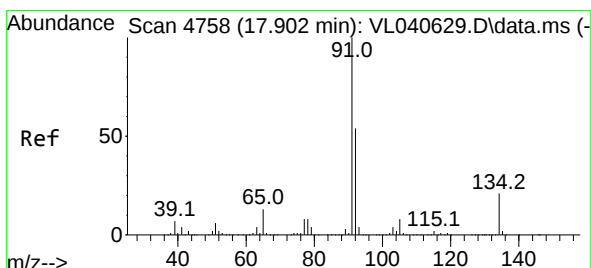
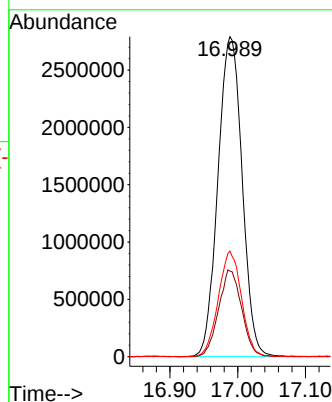
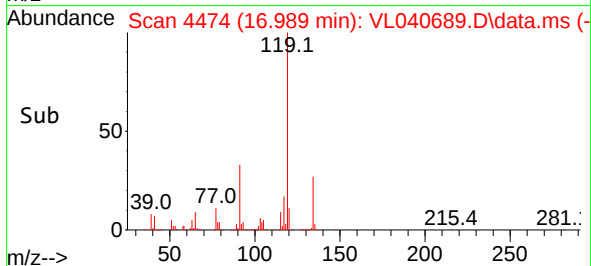
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



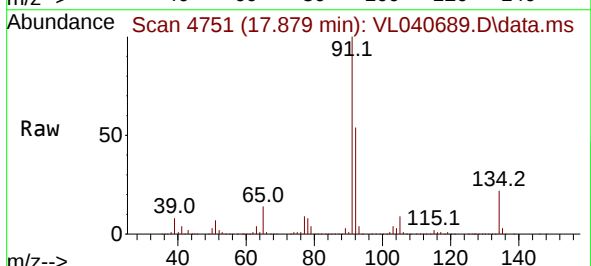
Tgt Ion:119 Resp: 691684
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 31.7 25.0 37.6

Manual Integrations
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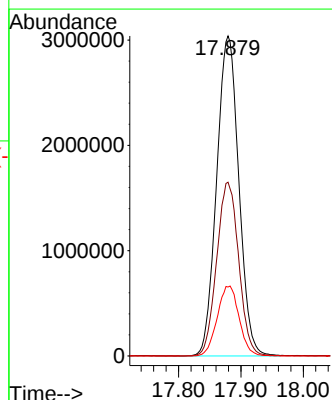
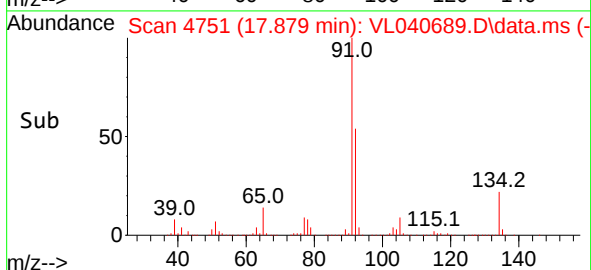
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

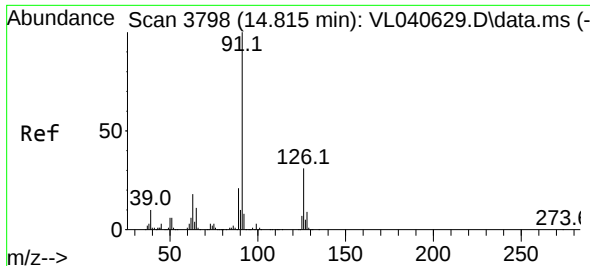


#70
n-Butylbenzene
Concen: 14.304 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45



Tgt Ion: 91 Resp: 7490043
Ion Ratio Lower Upper
91 100
92 54.0 42.7 64.1
134 21.6 17.0 25.4





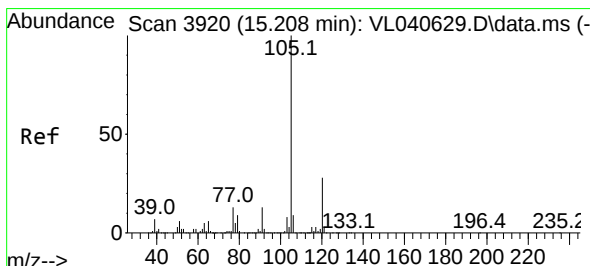
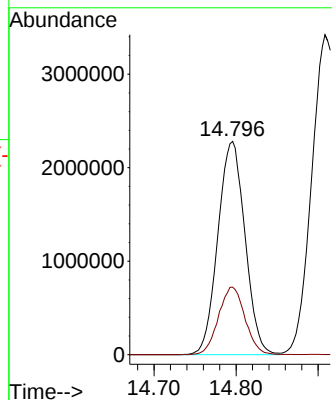
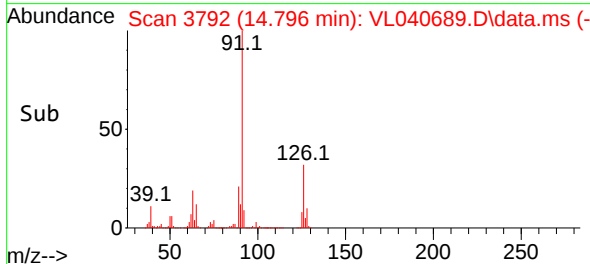
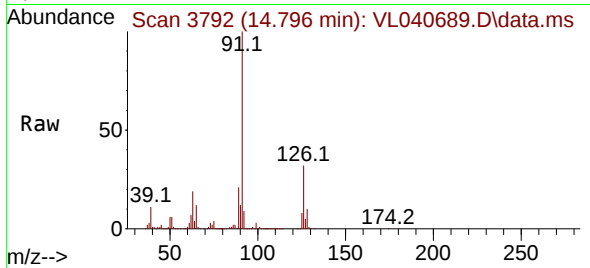
#71
2-Chlorotoluene
Concen: 14.574 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 524194
Ion Ratio Lower Upper
91 100
126 31.0 12.0 47.8

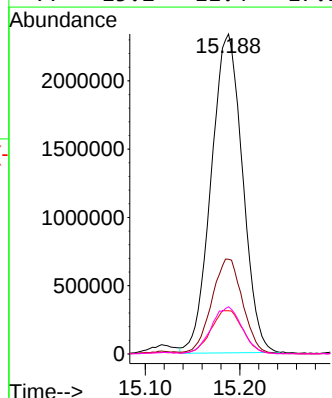
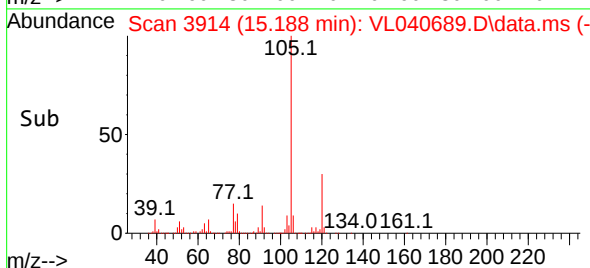
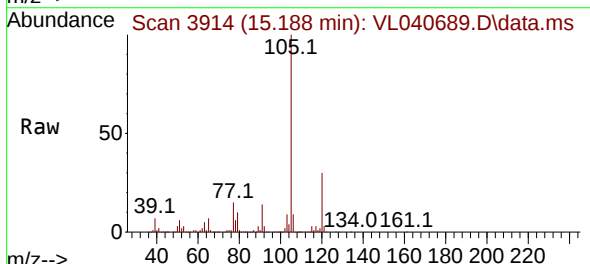
Manual Integrations
APPROVED

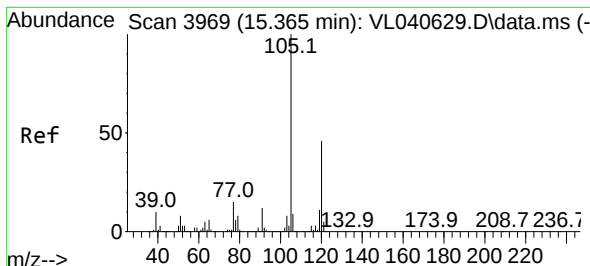
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#72
4-Ethyltoluene
Concen: 14.865 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Tgt Ion:105 Resp: 5375207
Ion Ratio Lower Upper
105 100
120 29.5 23.9 35.9
91 14.6 11.0 16.4
77 15.2 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 14.531 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:105 Resp: 4696830

Ion Ratio Lower Upper

105 100

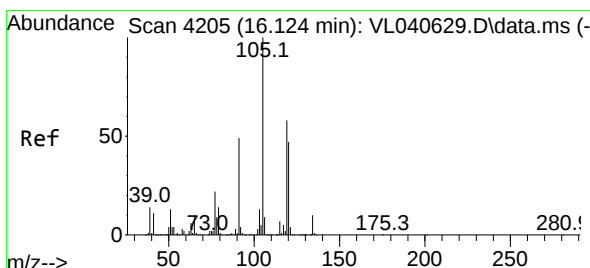
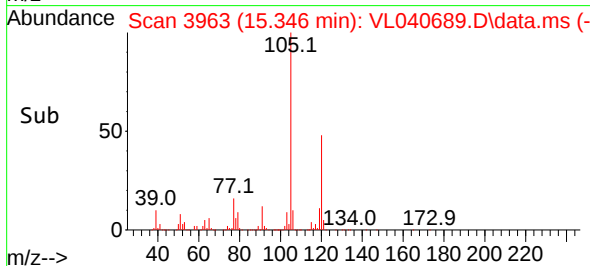
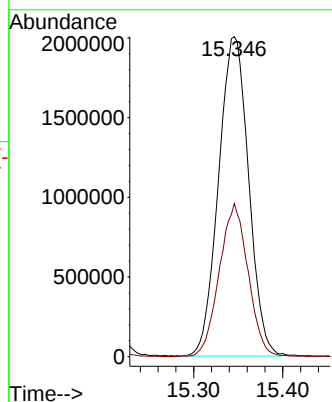
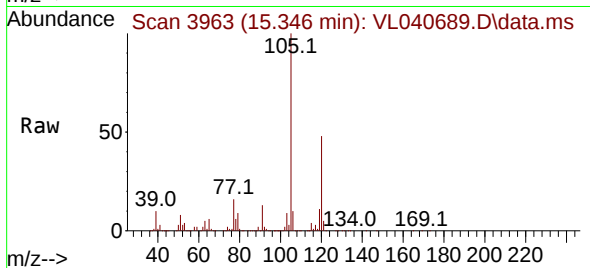
120 48.0 36.1 54.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 14.171 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.000 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

Tgt Ion:105 Resp: 5349210

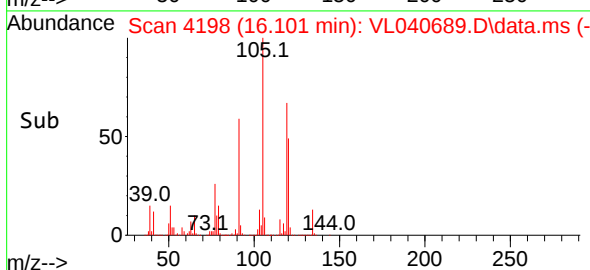
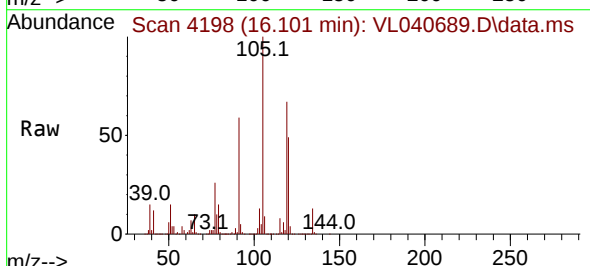
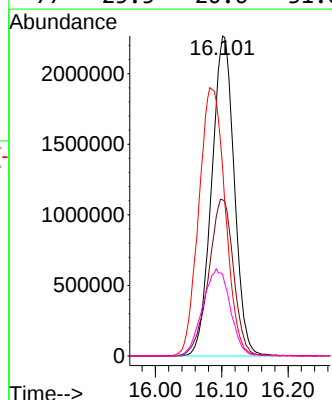
Ion Ratio Lower Upper

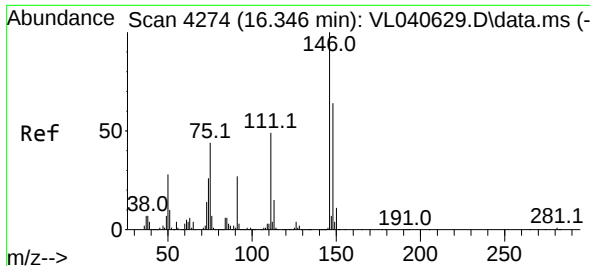
105 100

120 48.7 38.6 57.8

91 59.0 50.0 75.0

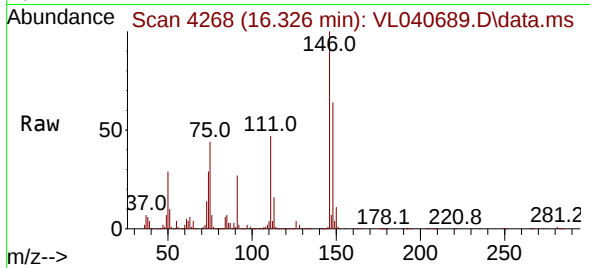
77 25.5 20.6 31.0





#75
1,3-Dichlorobenzene
Concen: 14.105 ppbv
RT: 16.326 min Scan# 4312
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

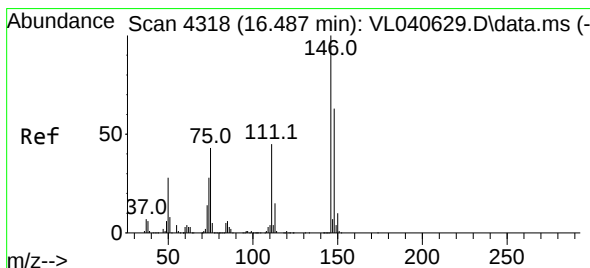
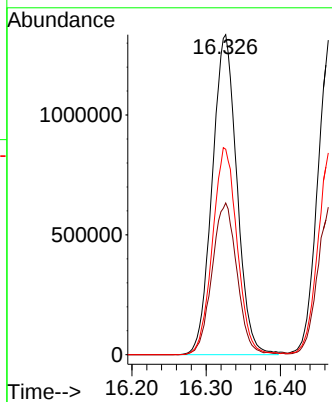
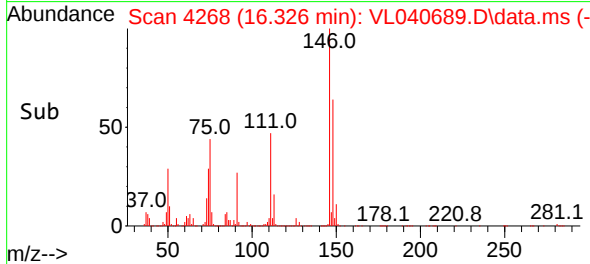
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



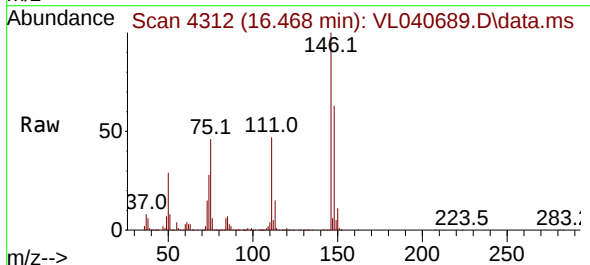
Tgt Ion:146 Resp: 307859
Ion Ratio Lower Upper
146 100
111 48.2 23.9 71.7
148 64.7 31.8 95.4

Manual Integrations
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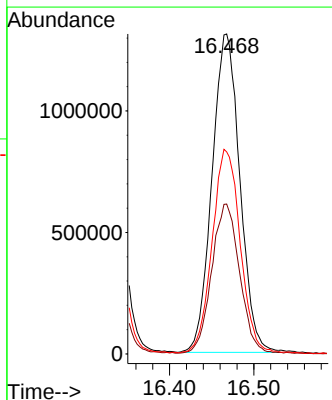
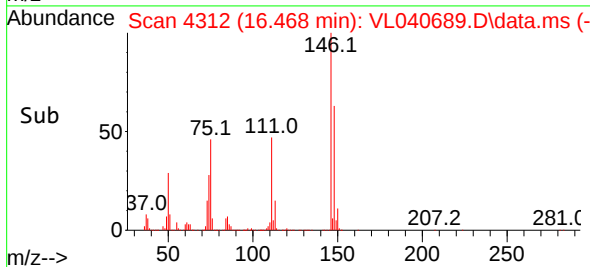
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

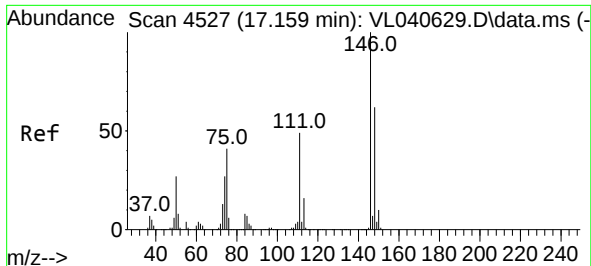


#76
1,4-Dichlorobenzene
Concen: 14.065 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45



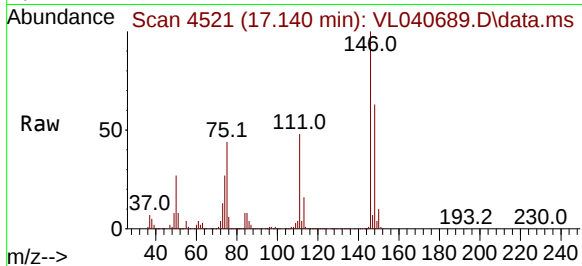
Tgt Ion:146 Resp: 3001069
Ion Ratio Lower Upper
146 100
111 47.7 23.8 71.2
148 65.4 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 13.736 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

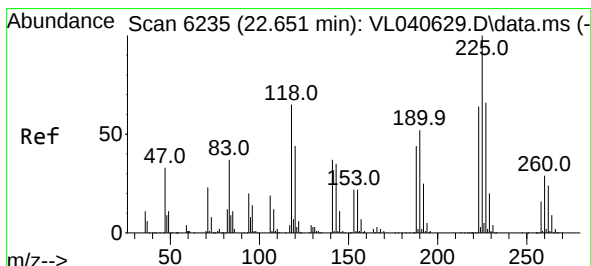
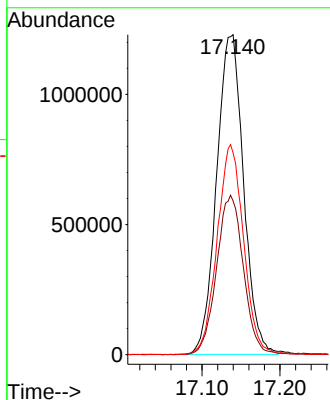
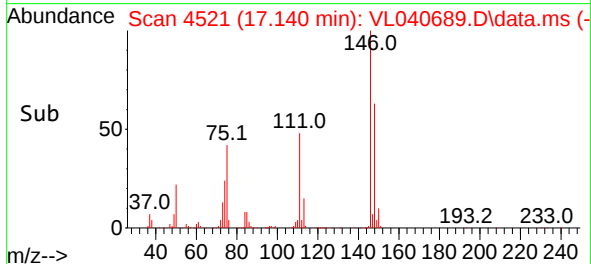
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



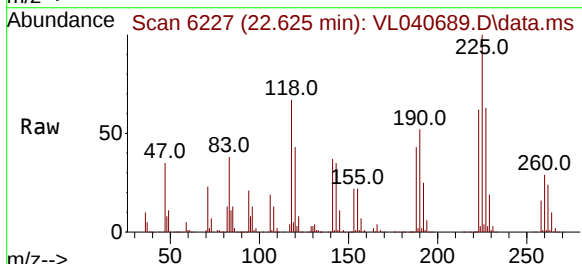
Tgt Ion:146 Resp: 294961
Ion Ratio Lower Upper
146 100
111 49.8 25.0 75.0
148 64.8 32.4 97.0

Manual Integrations
APPROVED

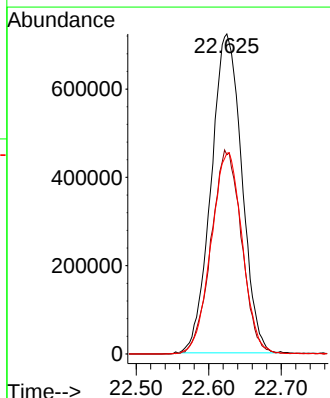
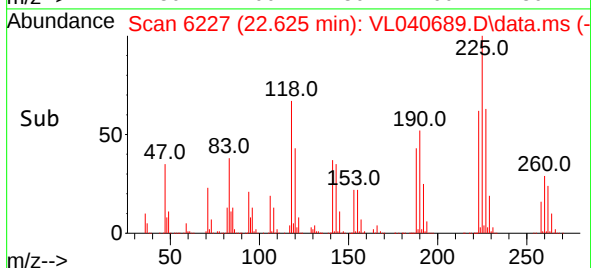
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

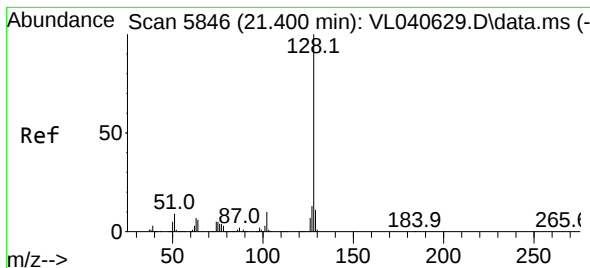


#78
Hexachloro-1,3-Butadiene
Concen: 13.024 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.003 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45



Tgt Ion:225 Resp: 2121929
Ion Ratio Lower Upper
225 100
223 63.8 51.2 76.8
227 64.2 50.7 76.1





#79

Naphthalene

Concen: 18.095 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. -0.000 min

Lab File: VL040689.D

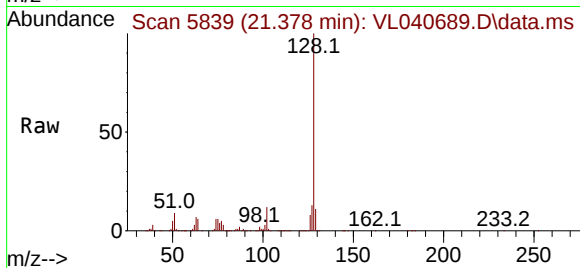
Acq: 14 Sep 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:128 Resp: 4511170

Ion Ratio Lower Upper

128 100

127 12.9 9.8 14.6

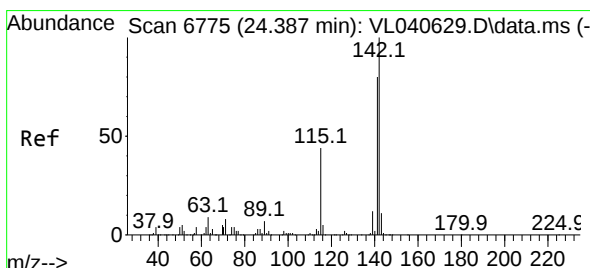
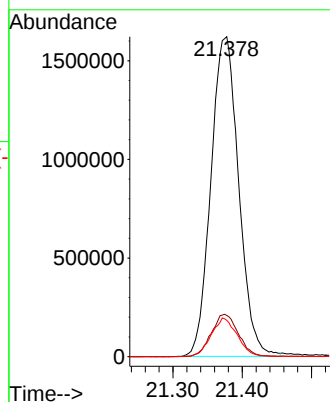
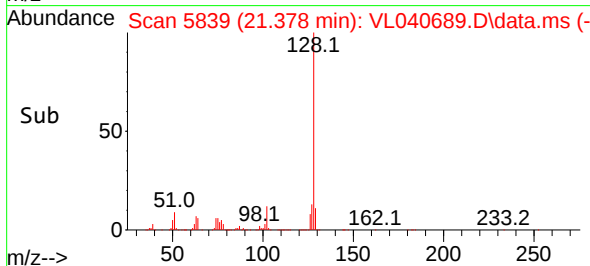
129 11.3 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#80

Naphthalene,2-methyl-

Concen: 19.737 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. -0.007 min

Lab File: VL040689.D

Acq: 14 Sep 2023 17:45

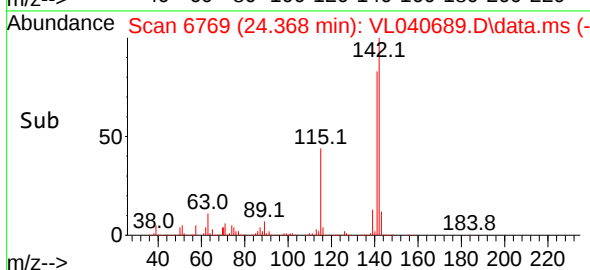
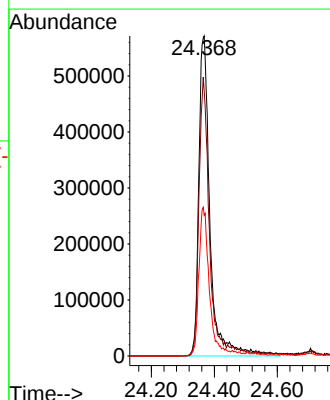
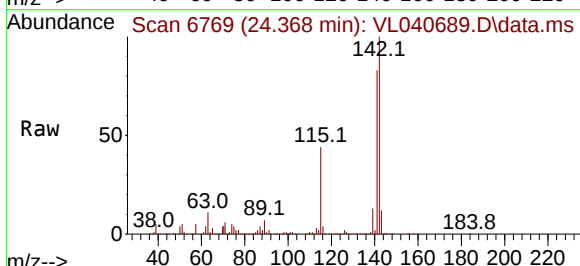
Tgt Ion:142 Resp: 1415917

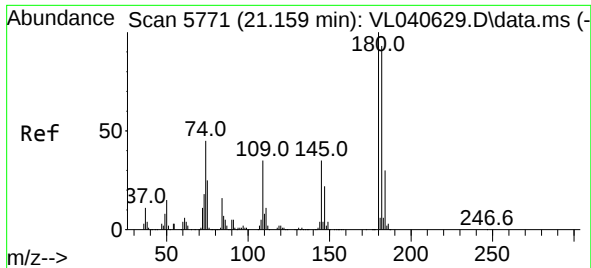
Ion Ratio Lower Upper

142 100

141 81.9 67.0 100.6

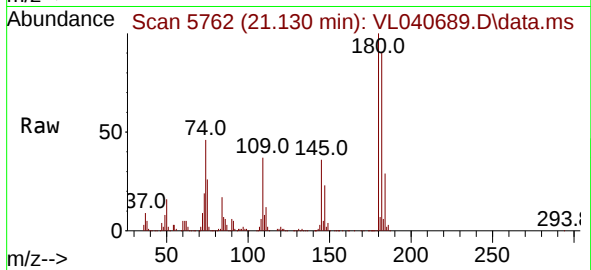
115 44.1 37.4 56.2





#81
1,2,4-Trichlorobenzene
Concen: 14.678 ppbv
RT: 21.130 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL040689.D
Acq: 14 Sep 2023 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:180 Resp: 2408494
Ion Ratio Lower Upper
180 100
182 96.2 77.9 116.9
184 30.6 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

