

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040569.D
 Acq On : 31 Jul 2023 12:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Aug 01 01:37:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 01:37:43 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

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

Internal Standards						
1) Bromochloromethane	5.185	49	1218065	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.648	114	3025030	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.468	117	2677318	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	2171280	10.247	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.716	85	2371144	9.732	ppbv	99
3) Chlorodifluoromethane	2.661	51	1831466	9.486	ppbv	98
4) Chloromethane	2.800	50	724159	9.468	ppbv	93
5) Vinyl Chloride	2.906	62	783976	9.762	ppbv	99
6) Bromomethane	3.105	94	326082	9.619	ppbv	98
7) Chloroethane	3.182	64	269664	9.570	ppbv	94
8) Dichlorotetrafluoroethane	2.841	85	1956618	9.761	ppbv	100
9) Propene	2.681	41	600300	9.082	ppbv	99
10) Heptane	7.574	43	1451876	9.948	ppbv	99
11) Trichlorofluoromethane	3.549	101	2034377	10.348	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	4.057	101	1445660	10.441	ppbv	96
13) Ethanol	3.224	45	135815	9.444	ppbv	98
14) Bromoethene	3.353	108	615547	10.339	ppbv	99
15) Acetone	3.452	43	1326195	9.459	ppbv	98
16) 1,3-Butadiene	2.970	39	722252	10.211	ppbv	99
17) tert-Butyl alcohol	3.864	59	1646838	11.356	ppbv	99
18) 1,1-Dichloroethene	3.870	96	678300	10.656	ppbv	96
19) Isopropyl Alcohol	3.565	45	931671	11.575	ppbv	100
20) Methylene Chloride	3.922	84	614516	10.304	ppbv	95
21) Allyl Chloride	3.983	41	810682	10.125	ppbv	96
22) trans-1,2-Dichloroethene	4.436	96	678456	10.803	ppbv	94
23) Vinyl Acetate	4.616	43	1413104	10.579	ppbv	99
24) 1,1-Dichloroethane	4.555	63	1373937	10.134	ppbv	99
25) Ethyl Acetate	5.195	43	2633169	9.865	ppbv	100
26) Hexane	5.205	57	1188660	9.585	ppbv	98
27) Carbon Disulfide	4.115	76	1680027	11.518	ppbv	99
28) Methyl tert-Butyl Ether	4.574	73	1020835	10.226	ppbv	99
29) Chloroform	5.266	83	2017032	9.807	ppbv	98
30) Cyclohexane	6.597	84	992840	9.622	ppbv	97
31) cis-1,2-Dichloroethene	5.070	61	1236447	10.087	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	2052661	10.199	ppbv	99
34) 2-Butanone	4.777	43	1576022	10.544	ppbv	99
35) Carbon Tetrachloride	6.491	117	2094924	11.507	ppbv	96
36) Benzene	6.365	78	2468841	10.143	ppbv	97
37) 1,2-Dichloroethane	5.799	62	1529069	10.679	ppbv	98
38) Trichloroethene	7.285	130	996855	10.828	ppbv	97
39) 1,2-Dichloropropane	7.069	63	951053	10.150	ppbv	95
40) 1,4-Dioxane	7.285	88	359565	12.269	ppbv #	42
41) Tetrahydrofuran	5.549	42	926255	10.619	ppbv	98
42) Bromodichloromethane	7.246	83	2186547	10.979	ppbv	99
43) Methyl Methacrylate	7.471	69	1002243	11.001	ppbv	99
44) 2,2,4-Trimethylpentane	7.324	57	4042240	10.322	ppbv	98
45) t-1,3-Dichloropropene	8.709	75	668632	11.441	ppbv	99

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 01:37:43 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

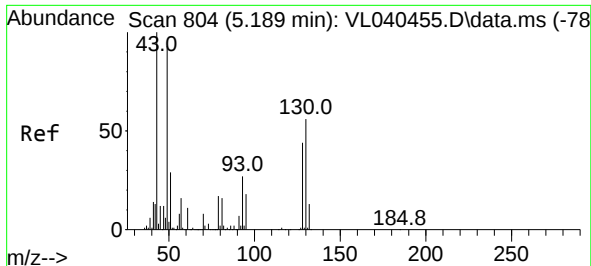
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

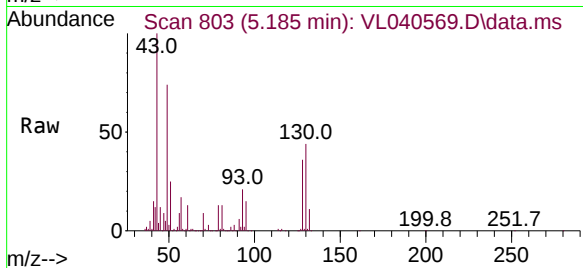
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	812036	10.830	ppbv	95
47) 1,1,2-Trichloroethane	8.896	97	1043219	10.091	ppbv	98
48) Dibromochloromethane	9.709	129	1789017	11.193	ppbv	100
49) Bromoform	12.410	173	1434613	11.321	ppbv	100
50) 4-Methyl-2-Pentanone	8.176	43	2361689	10.874	ppbv	97
51) 2-Hexanone	9.549	43	1704033	11.095	ppbv	98
52) Tetrachloroethene	10.616	164	844441	10.713	ppbv	95
53) Toluene	9.221	91	2816273	10.652	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1358846	10.575	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.510	131	1315463	10.971	ppbv	98
57) Chlorobenzene	11.526	112	2188953	10.484	ppbv	98
58) Ethyl Benzene	12.089	91	3808560	11.336	ppbv	98
59) m/p-Xylene	12.372	91	6628445m	22.104	ppbv	
60) o-Xylene	13.056	91	3200348	11.203	ppbv	99
61) Styrene	12.899	104	1596305	12.114	ppbv	98
62) Isopropylbenzene	14.027	105	4609715	10.766	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.047	83	2247221	11.233	ppbv	100
64) n-propylbenzene	14.918	120	1193557	10.774	ppbv	94
65) tert-Butylbenzene	16.092	119	4024993	10.618	ppbv	96
66) Benzyl Chloride	16.330	91	337507	12.586	ppbv	95
67) sec-Butylbenzene	16.638	105	5825197	10.459	ppbv	99
69) p-Isopropyltoluene	16.995	119	4757295	10.336	ppbv	98
70) n-Butylbenzene	17.886	91	5269011	10.266	ppbv	99
71) 2-Chlorotoluene	14.802	91	3616131	10.958	ppbv	98
72) 4-Ethyltoluene	15.195	105	3747668	11.191	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	3230001	10.943	ppbv	96
74) 1,2,4-Trimethylbenzene	16.108	105	3630780	10.550	ppbv	99
75) 1,3-Dichlorobenzene	16.330	146	2083137	9.984	ppbv	99
76) 1,4-Dichlorobenzene	16.477	146	2009934	9.824	ppbv	97
77) 1,2-Dichlorobenzene	17.143	146	1992243	9.985	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1474810	7.871	ppbv	100
79) Naphthalene	21.384	128	3069931	10.543	ppbv	98
80) Naphthalene,2-methyl-	24.374	142	1099068	9.154	ppbv	98
81) 1,2,4-Trichlorobenzene	21.143	180	1762197	8.782	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.017 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

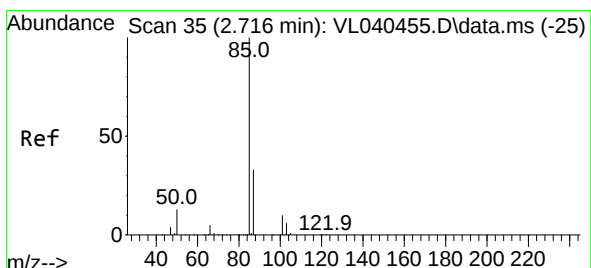
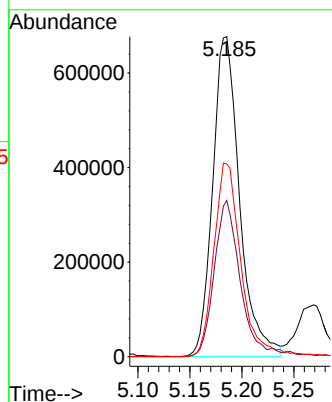
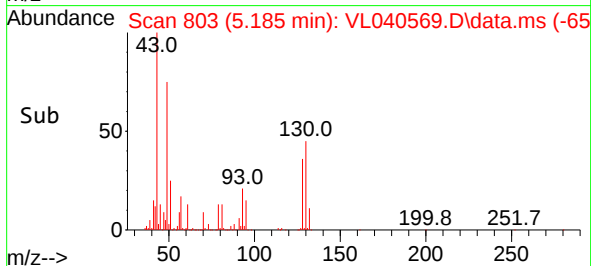
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 121806
Ion Ratio Lower Upper
49 100
128 48.6 25.1 75.4
130 61.7 31.6 94.7

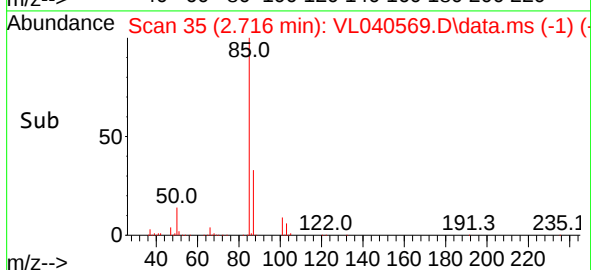
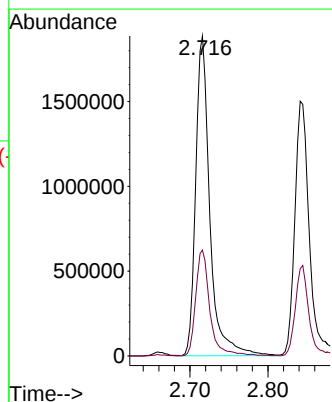
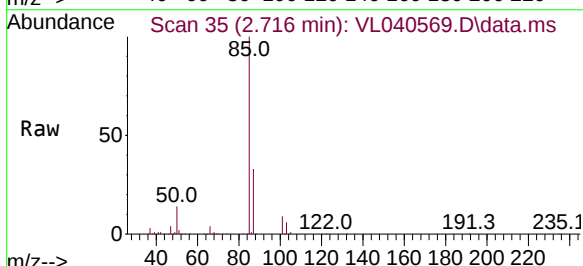
Manual Integrations
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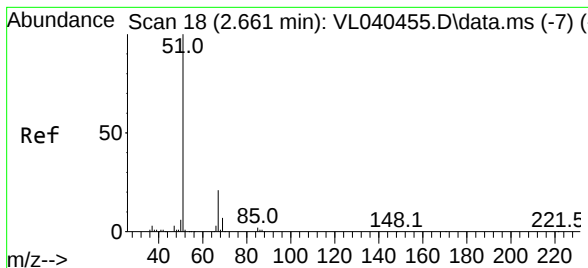
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#2
Dichlorodifluoromethane
Concen: 9.732 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.023 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

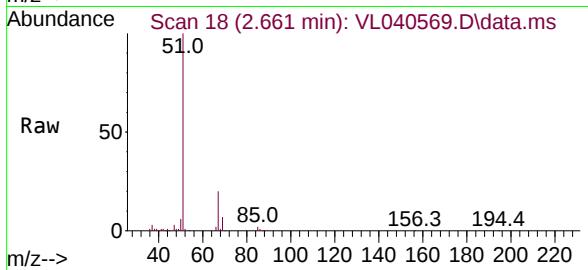
Tgt Ion: 85 Resp: 2371144
Ion Ratio Lower Upper
85 100
87 33.1 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.486 ppbv
RT: 2.661 min Scan# 18
Delta R.T. -0.023 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

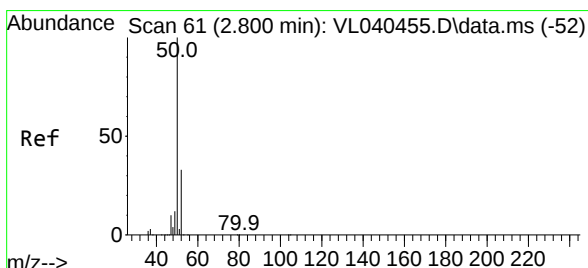
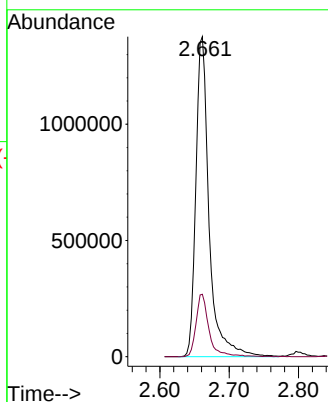
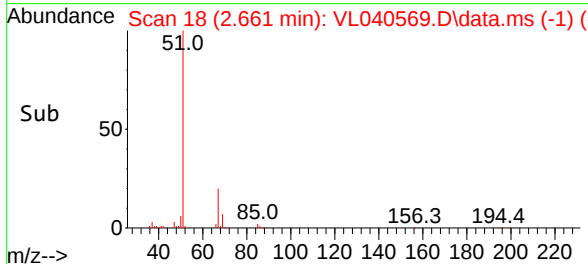
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



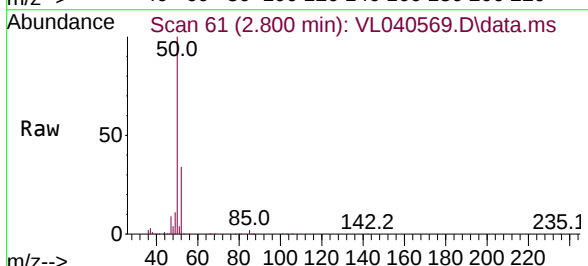
Tgt Ion: 51 Resp: 1831460
Ion Ratio Lower Upper
51 100
67 19.3 14.6 21.8

Manual Integrations
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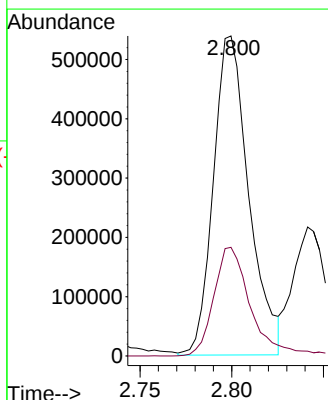
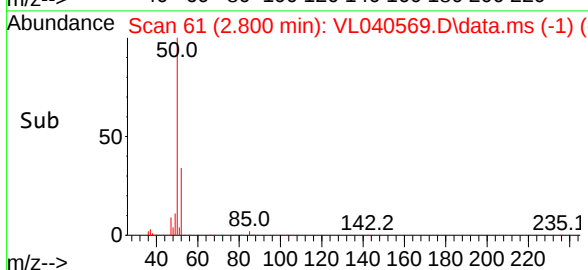
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

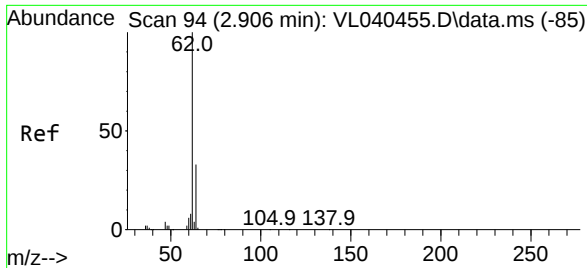


#4
Chloromethane
Concen: 9.468 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.023 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23



Tgt Ion: 50 Resp: 724159
Ion Ratio Lower Upper
50 100
52 34.2 24.4 36.6





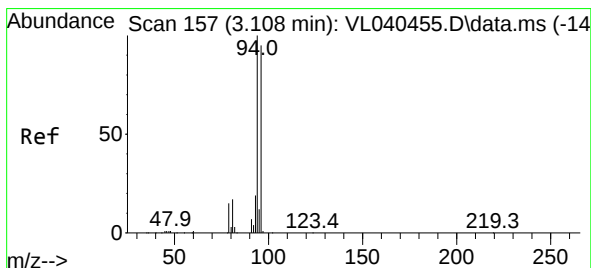
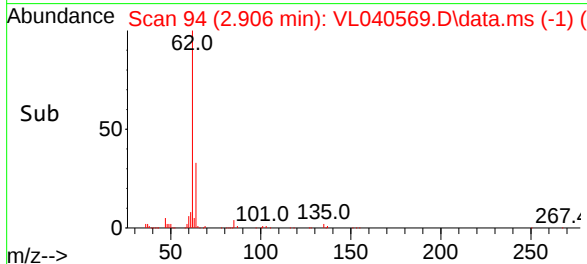
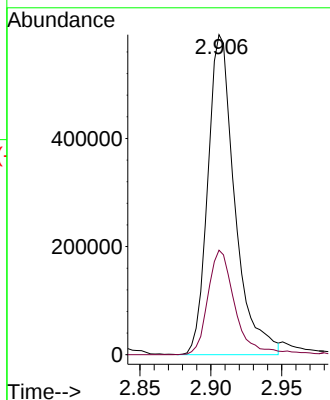
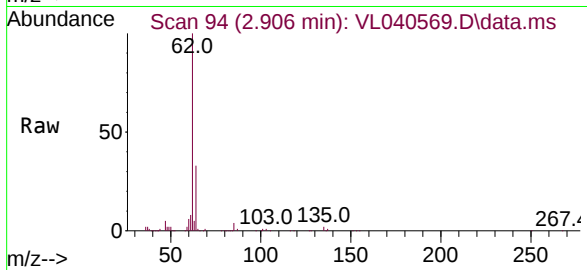
#5
 Vinyl Chloride
 Concen: 9.762 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.023 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 783970
 Ion Ratio Lower Upper
 62 100
 64 32.6 26.4 39.6

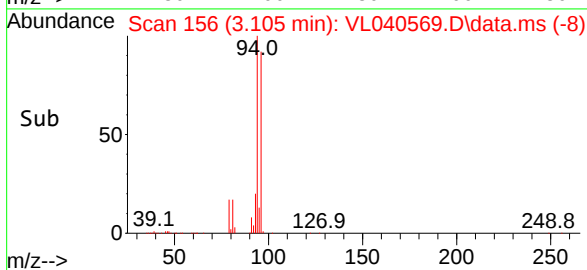
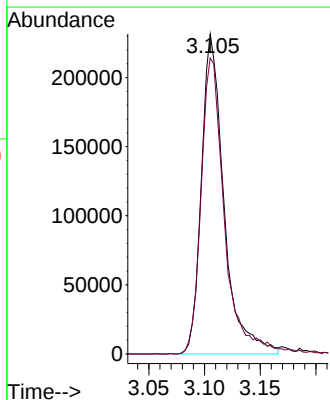
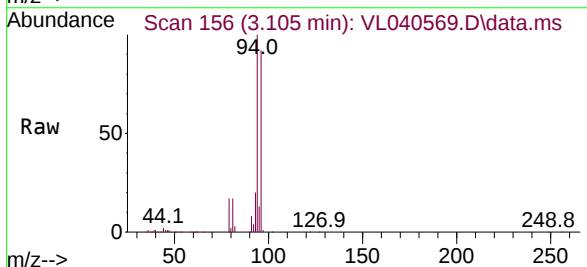
Manual Integrations
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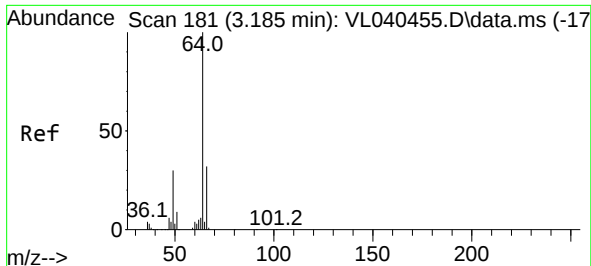
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#6
 Bromomethane
 Concen: 9.619 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. -0.023 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

Tgt Ion: 94 Resp: 326082
 Ion Ratio Lower Upper
 94 100
 96 92.4 75.7 113.5





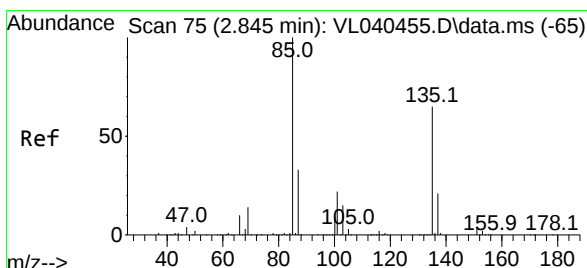
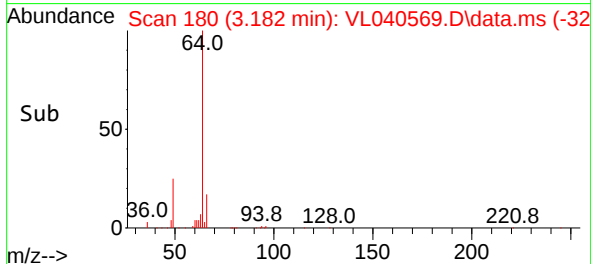
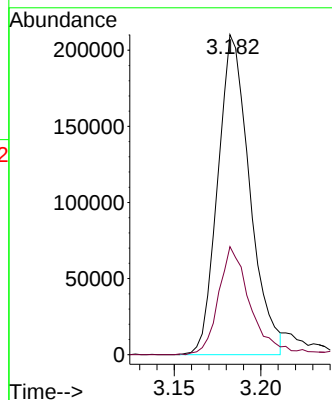
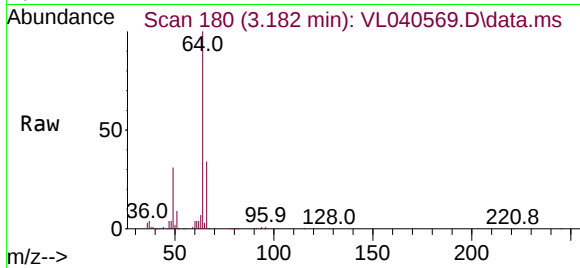
#7
Chloroethane
Concen: 9.570 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 269664
Ion Ratio Lower Upper
64 100
66 33.8 24.4 36.6

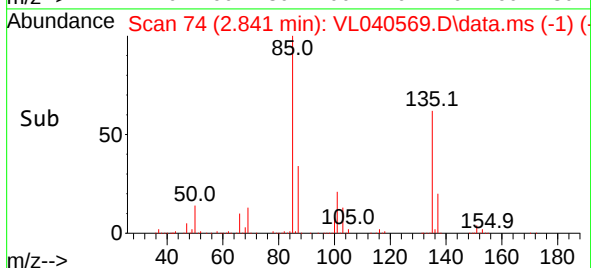
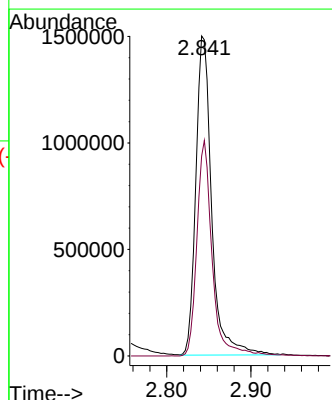
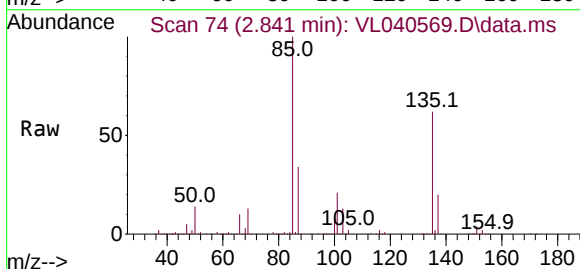
Manual Integrations
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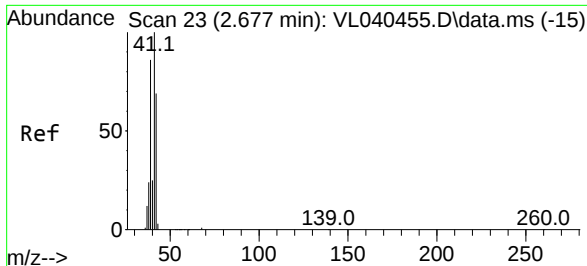
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#8
Dichlorotetrafluoroethane
Concen: 9.761 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 85 Resp: 1956618
Ion Ratio Lower Upper
85 100
135 65.6 52.4 78.6





#9

Propene

Concen: 9.082 ppbv

RT: 2.681 min Scan# 24

Delta R.T. -0.023 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 600300

Ion Ratio Lower Upper

41 100

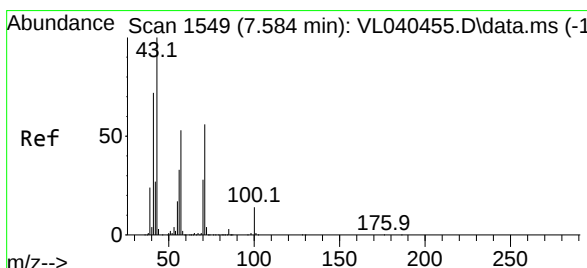
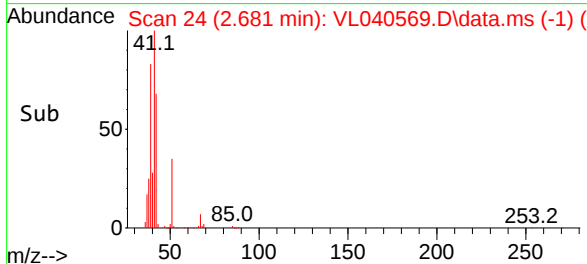
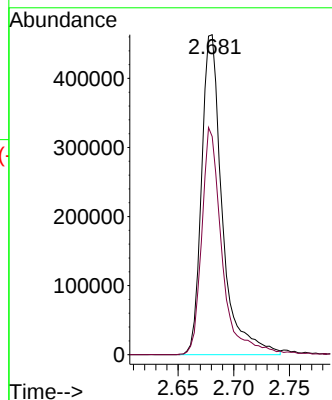
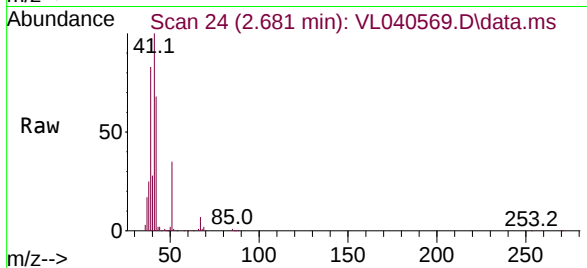
42 69.9 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#10

Heptane

Concen: 9.948 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. -0.016 min

Lab File: VL040569.D

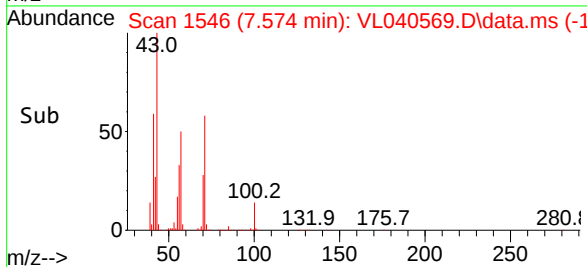
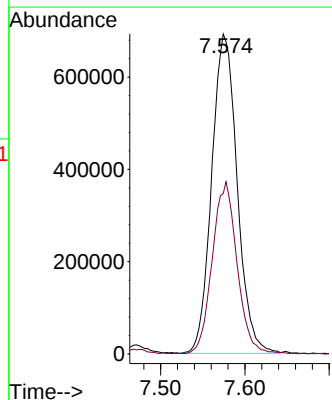
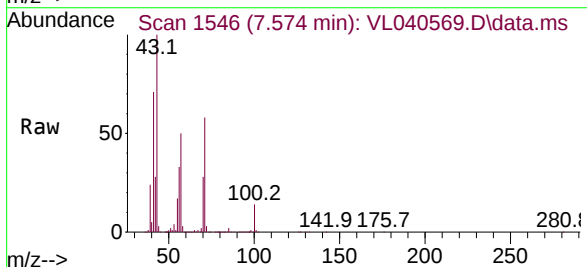
Acq: 31 Jul 2023 12:23

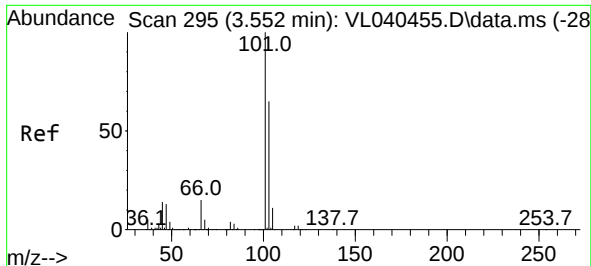
Tgt Ion: 43 Resp: 1451876

Ion Ratio Lower Upper

43 100

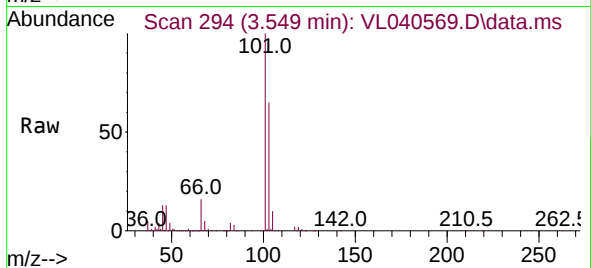
57 52.5 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 10.348 ppbv
 RT: 3.549 min Scan# 295
 Delta R.T. -0.023 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

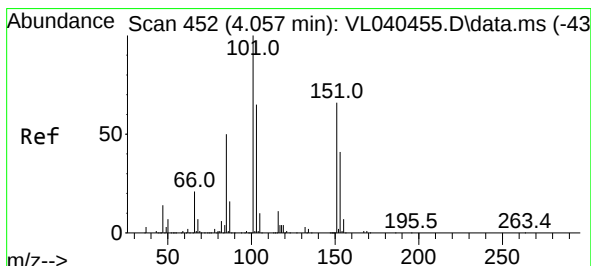
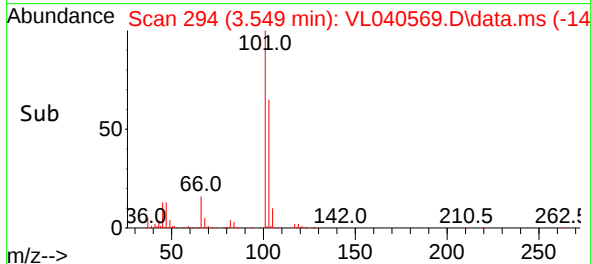
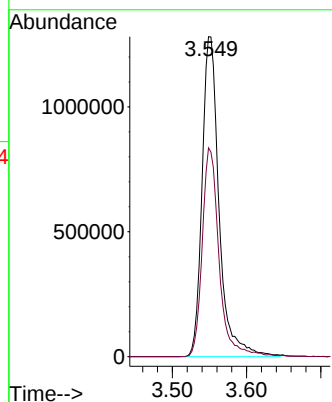
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 203437
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.4 80.0

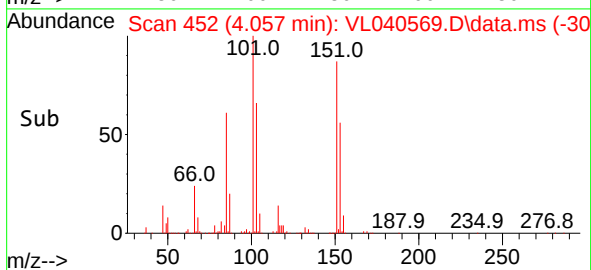
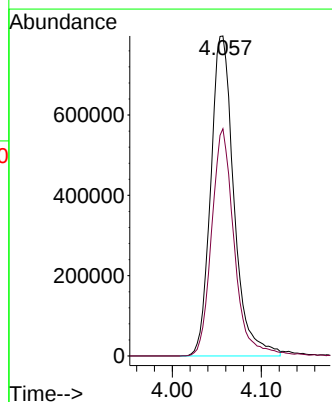
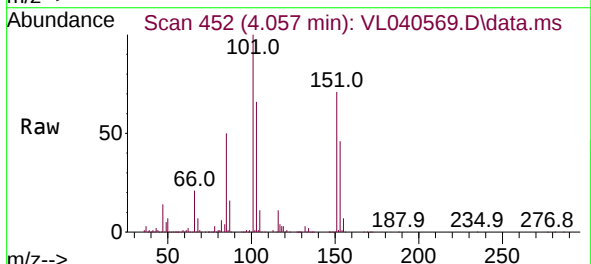
Manual Integrations
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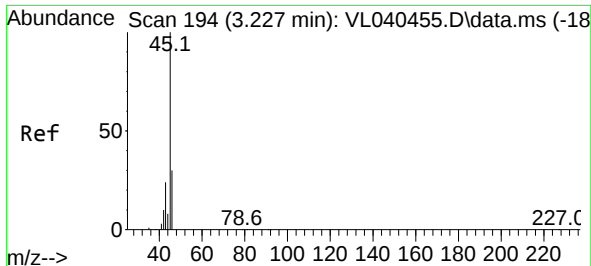
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.441 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.016 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

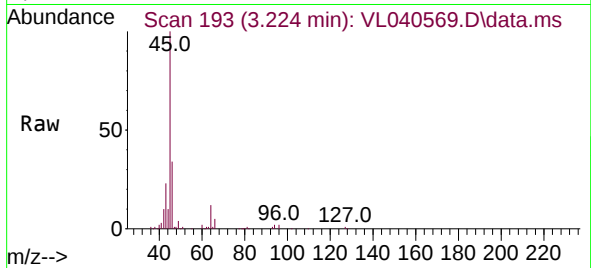
Tgt Ion:101 Resp: 1445660
 Ion Ratio Lower Upper
 101 100
 151 69.5 58.2 87.4





#13
Ethanol
Concen: 9.444 ppbv
RT: 3.224 min Scan# 194
Delta R.T. -0.023 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

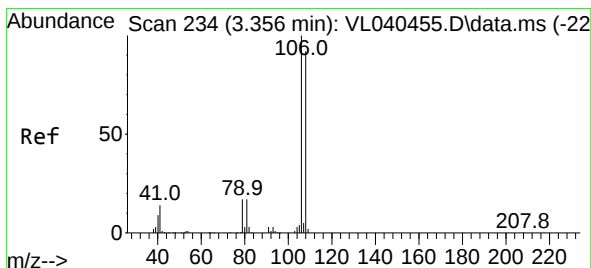
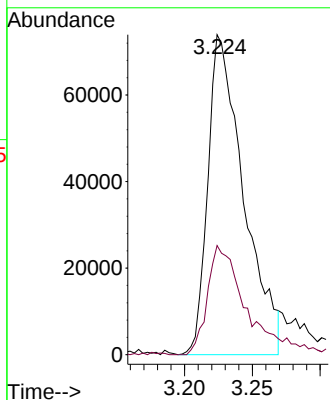
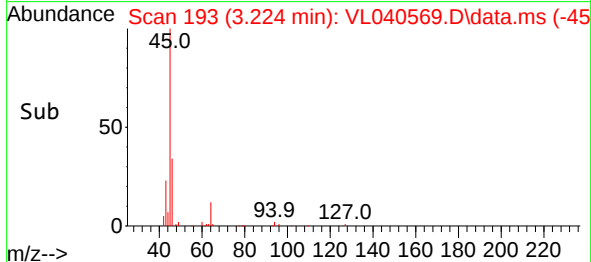
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 135815
Ion Ratio Lower Upper
45 100
46 39.2 15.3 61.1

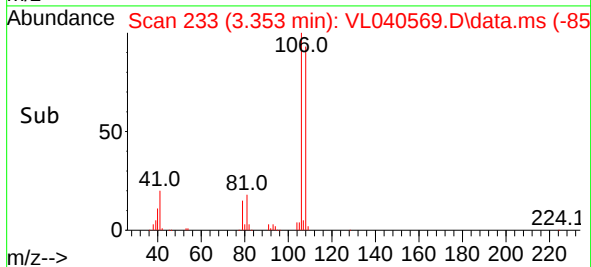
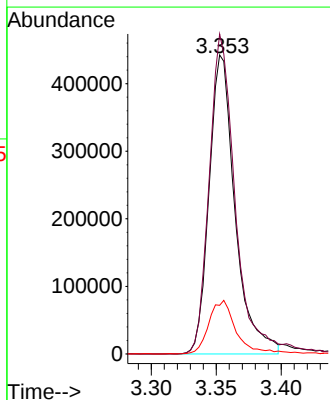
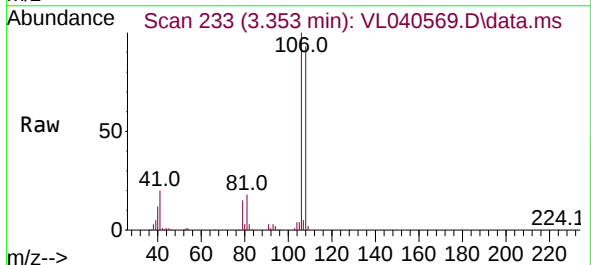
Manual Integrations
APPROVED

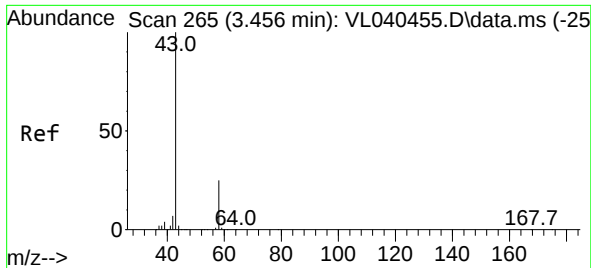
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#14
Bromoethene
Concen: 10.339 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.023 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

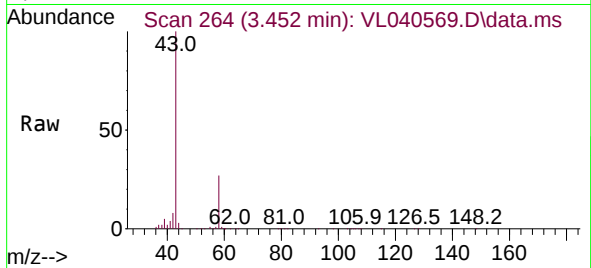
Tgt Ion:108 Resp: 615547
Ion Ratio Lower Upper
108 100
106 109.7 87.2 130.8
79 19.7 15.3 22.9





#15
Acetone
Concen: 9.459 ppbv
RT: 3.452 min Scan# 20
Delta R.T. -0.023 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

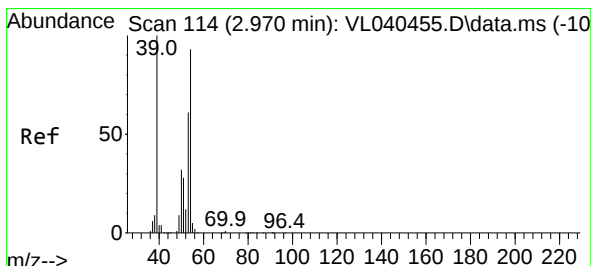
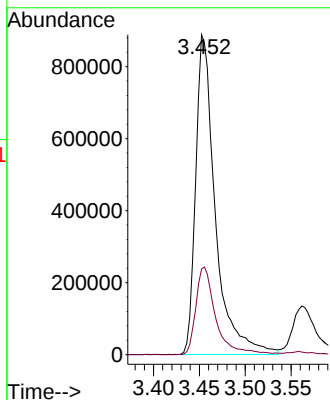
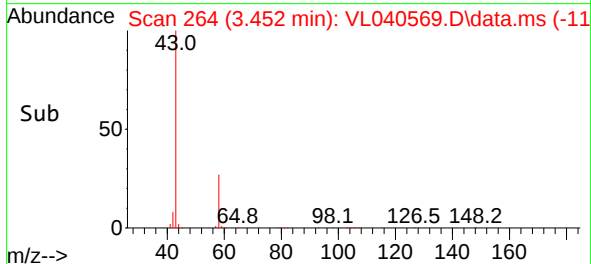
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 132619
Ion Ratio Lower Upper
43 100
58 27.8 22.9 34.3

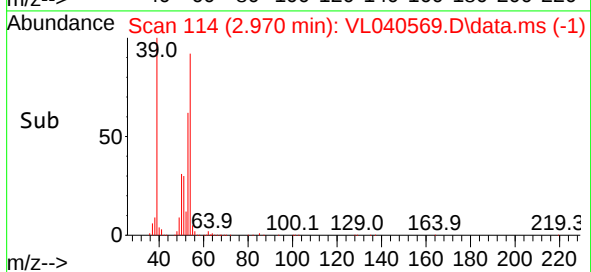
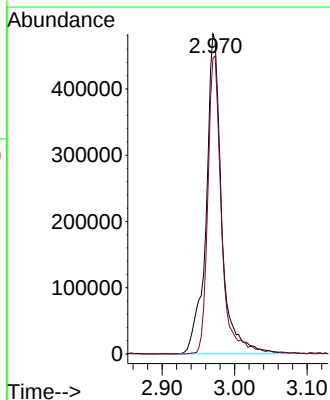
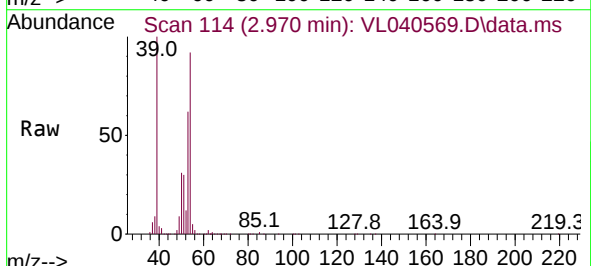
Manual Integrations
APPROVED

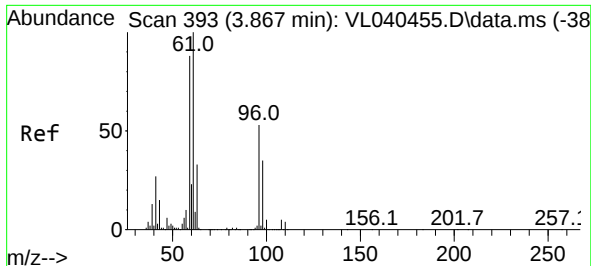
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
1,3-Butadiene
Concen: 10.211 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 39 Resp: 722252
Ion Ratio Lower Upper
39 100
54 82.4 66.6 100.0





#17

tert-Butyl alcohol

Concen: 11.356 ppbv

RT: 3.864 min Scan# 393

Delta R.T. -0.019 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 164683

Ion Ratio Lower Upper

59 100

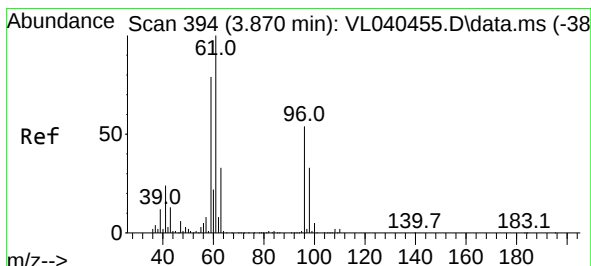
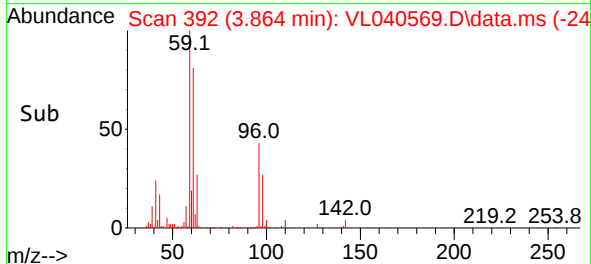
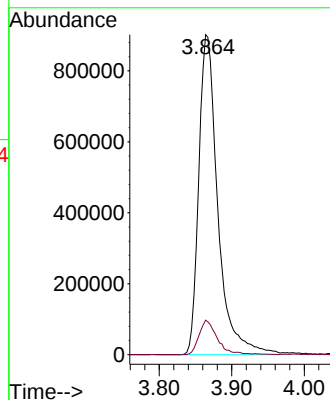
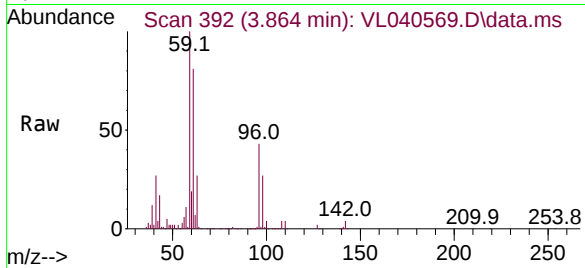
57 10.5 8.7 13.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#18

1,1-Dichloroethene

Concen: 10.656 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.019 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

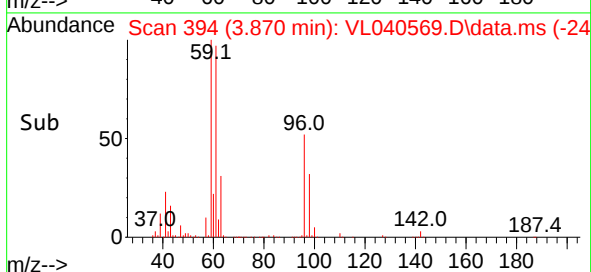
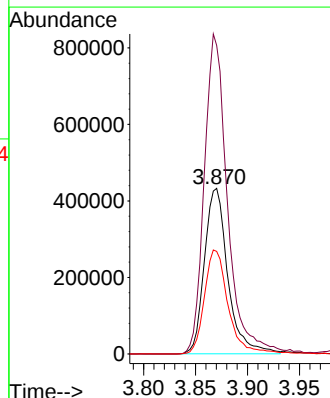
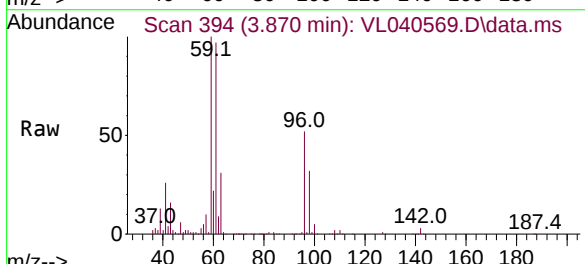
Tgt Ion: 96 Resp: 678300

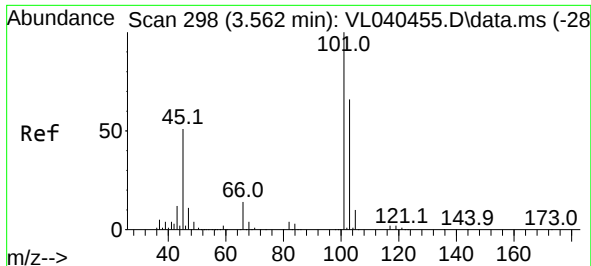
Ion Ratio Lower Upper

96 100

61 186.4 154.4 231.6

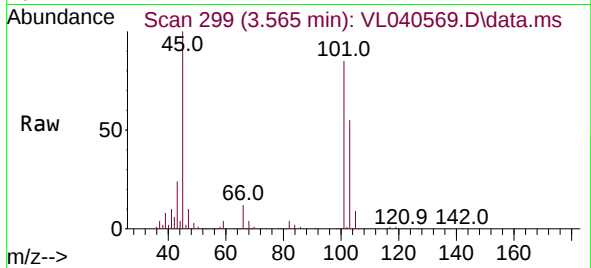
98 61.9 50.0 75.0





#19
Isopropyl Alcohol
Concen: 11.575 ppbv
RT: 3.565 min Scan# 298
Delta R.T. -0.016 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

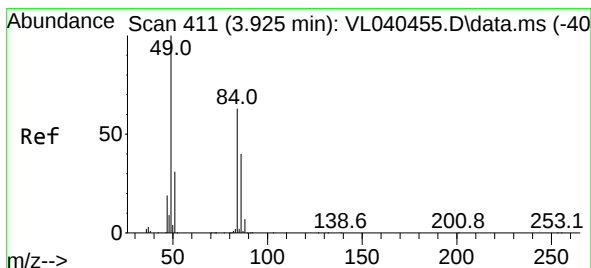
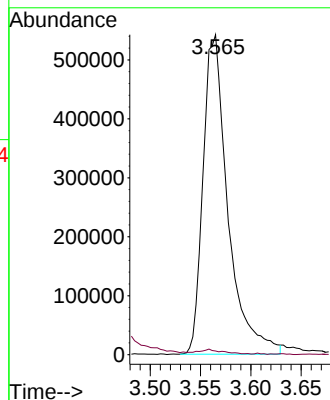
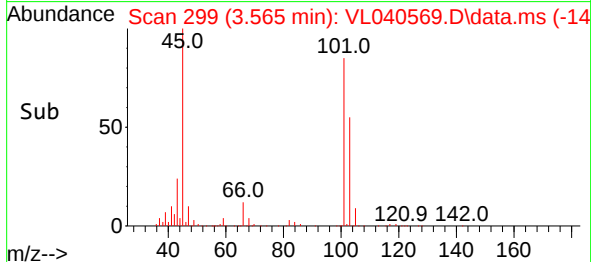
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



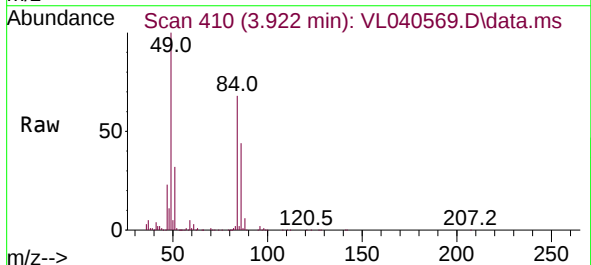
Tgt Ion: 45 Resp: 93167
Ion Ratio Lower Upper
45 100
58 1.3 1.1 1.7

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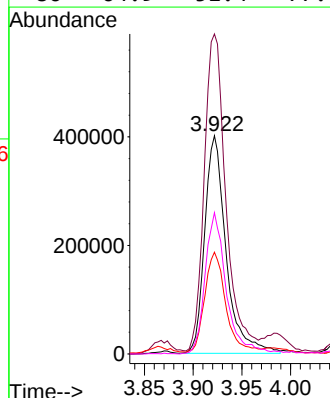
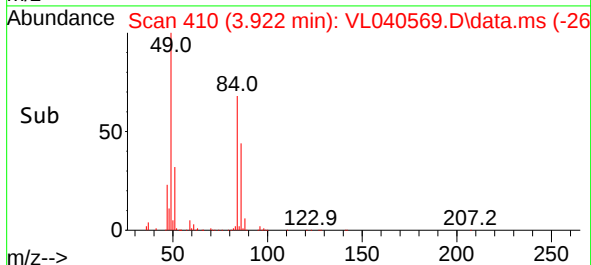
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

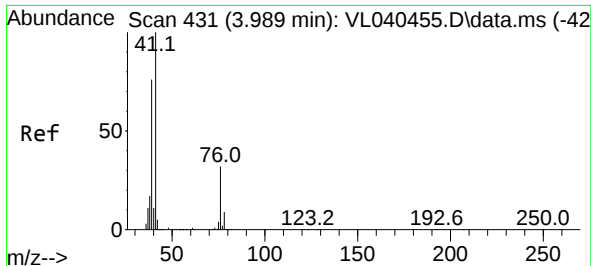


#20
Methylene Chloride
Concen: 10.304 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.019 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23



Tgt Ion: 84 Resp: 614516
Ion Ratio Lower Upper
84 100
49 145.1 123.4 185.2
51 45.8 38.3 57.5
86 64.9 51.4 77.0





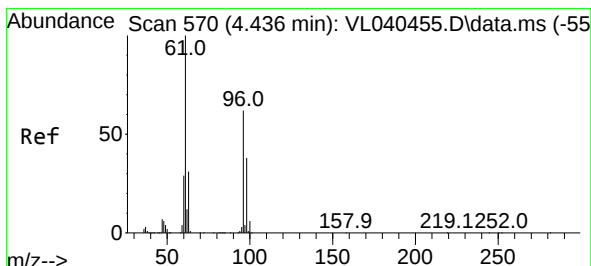
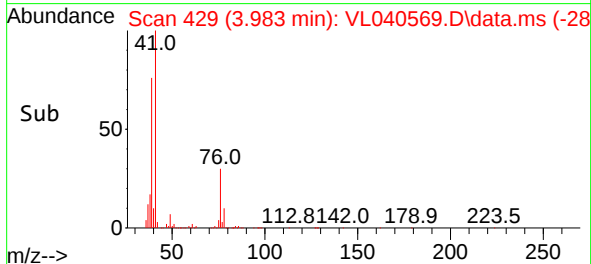
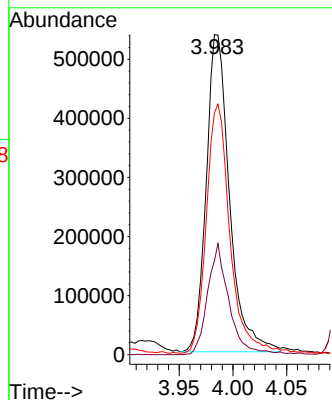
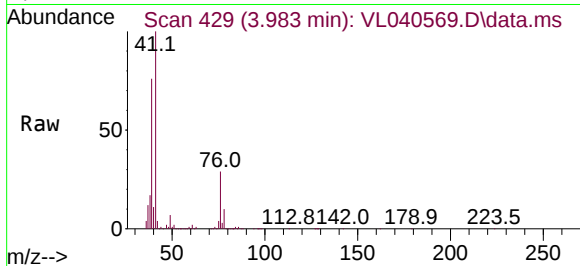
#21
 Allyl Chloride
 Concen: 10.125 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 81068
 Ion Ratio Lower Upper
 41 100
 76 32.4 24.8 37.2
 39 79.9 60.6 91.0

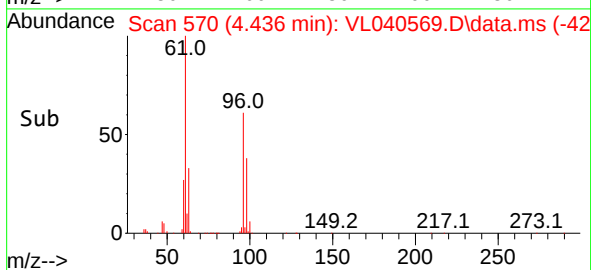
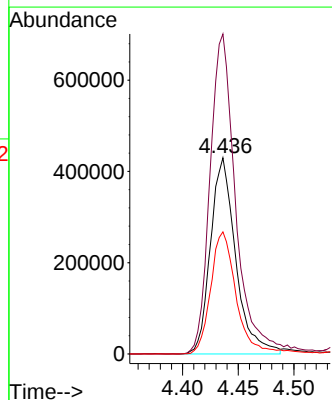
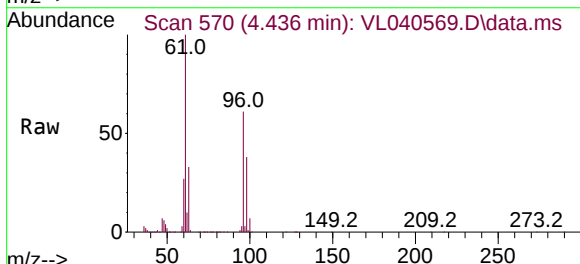
Manual Integrations
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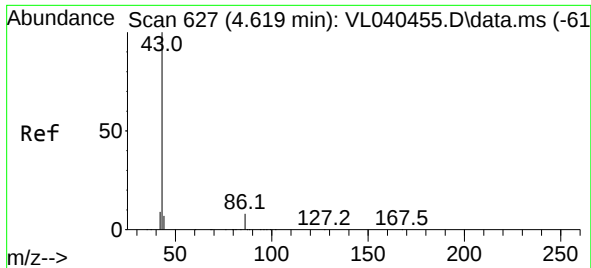
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.803 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.016 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

Tgt Ion: 96 Resp: 678456
 Ion Ratio Lower Upper
 96 100
 61 163.1 137.7 206.5
 98 62.2 52.9 79.3





#23
 Vinyl Acetate
 Concen: 10.579 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

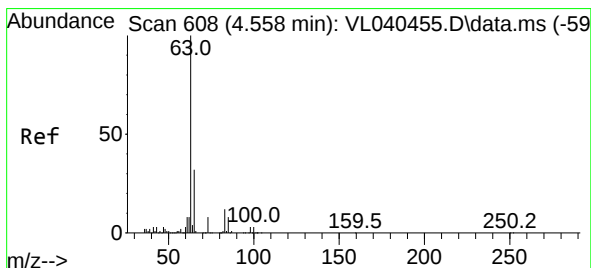
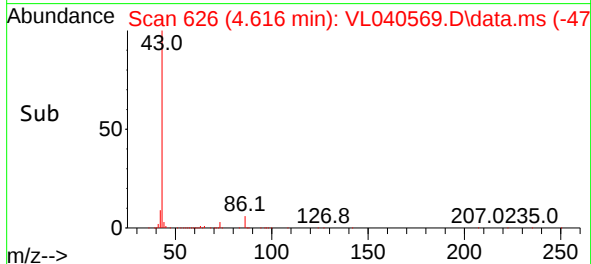
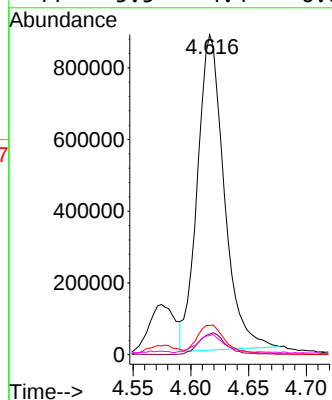
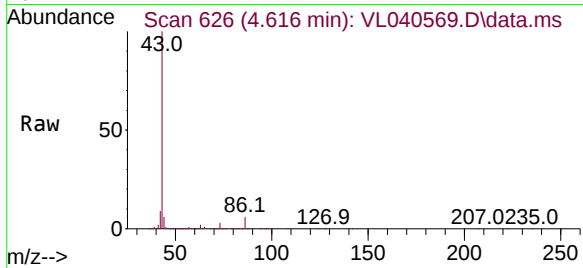
VSTDCCC010

Tgt Ion: 43 Resp: 1413104
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.6 8.4
 42 9.1 7.4 11.2
 44 5.5 4.4 6.6

Manual Integrations

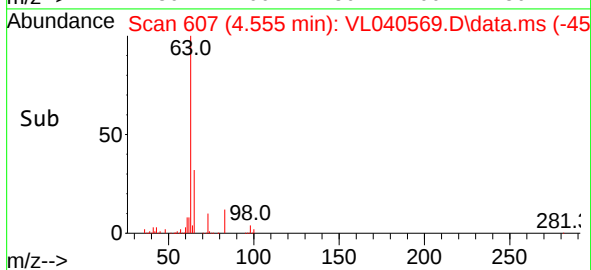
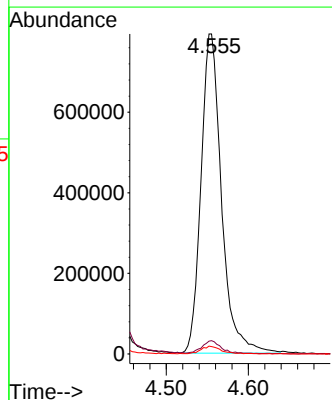
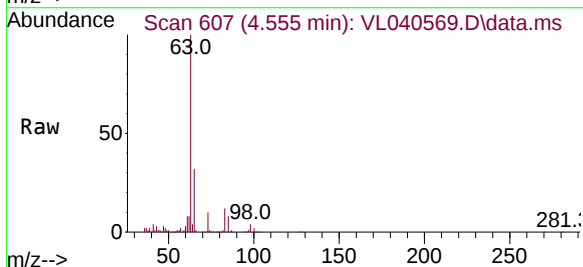
APPROVED

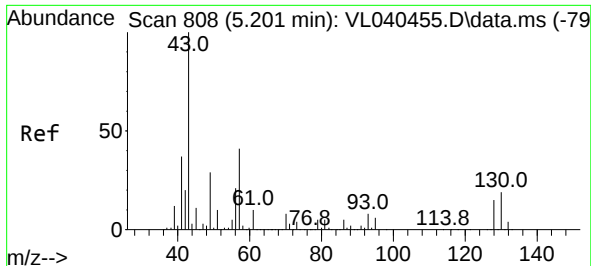
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#24
 1,1-Dichloroethane
 Concen: 10.134 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.016 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

Tgt Ion: 63 Resp: 1373937
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.5
 100 2.2 1.4 4.0





#25

Ethyl Acetate

Concen: 9.865 ppbv

RT: 5.195 min Scan# 808

Delta R.T. -0.016 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 2633169

Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.4

61 10.6 8.3 12.5

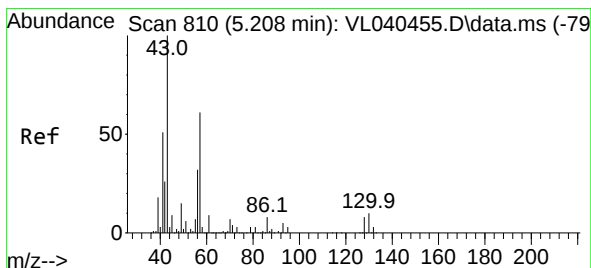
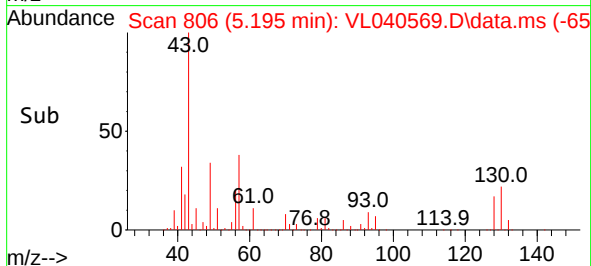
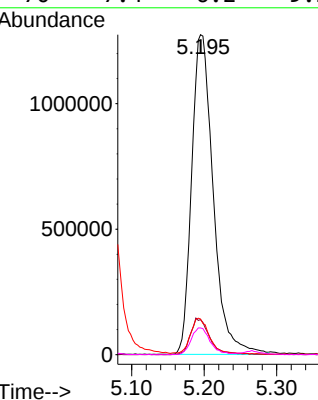
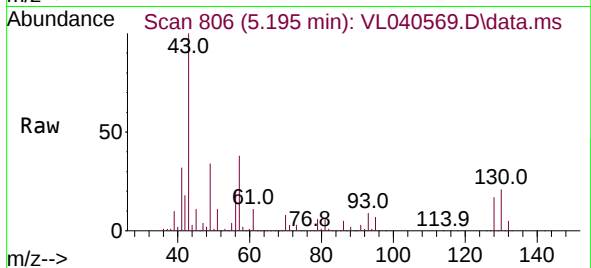
70 7.4 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#26

Hexane

Concen: 9.585 ppbv

RT: 5.205 min Scan# 809

Delta R.T. -0.016 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Tgt Ion: 57 Resp: 1188660

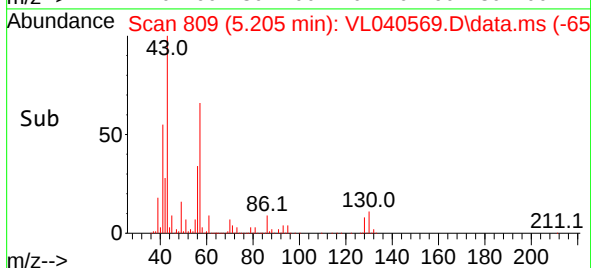
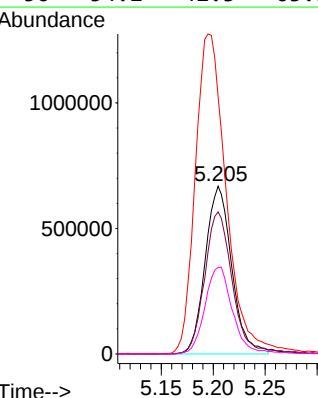
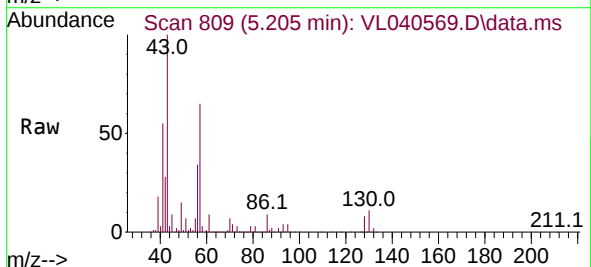
Ion Ratio Lower Upper

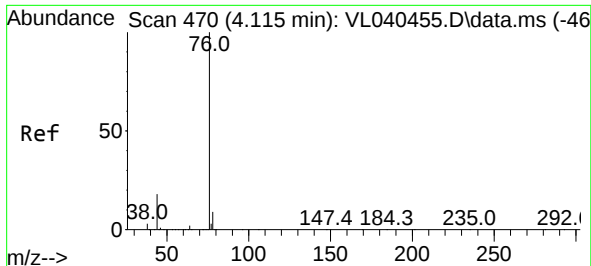
57 100

41 89.2 69.5 104.3

43 223.4 177.1 265.7

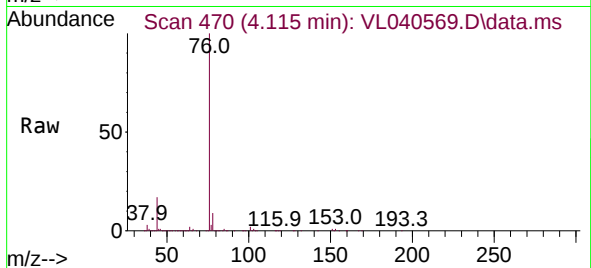
56 54.2 42.3 63.5





#27
Carbon Disulfide
Concen: 11.518 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

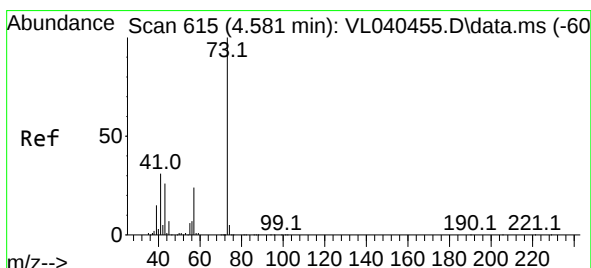
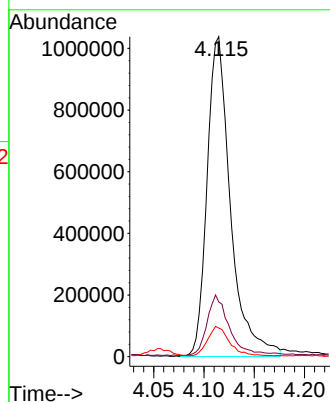
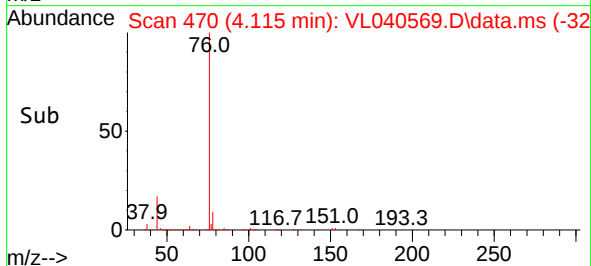
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 168002
Ion Ratio Lower Upper
76 100
44 18.4 15.1 22.7
78 9.5 7.5 11.3

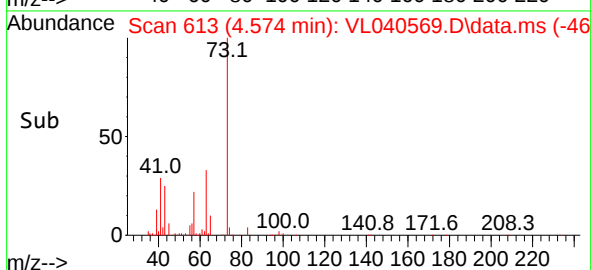
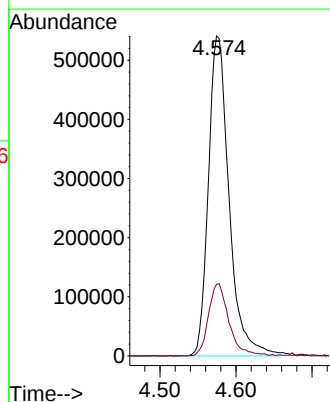
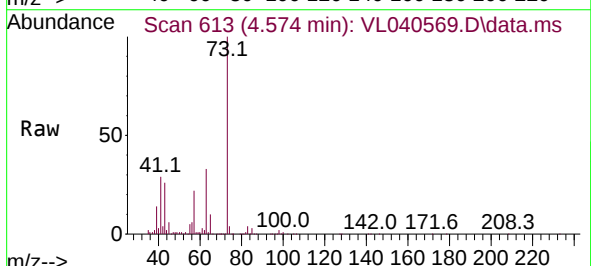
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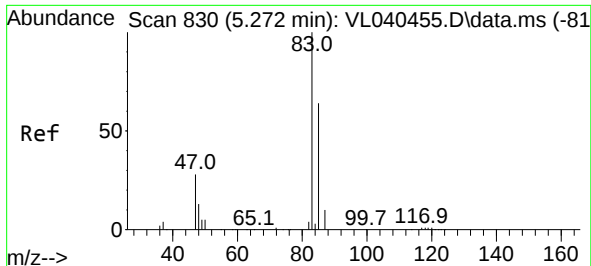
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#28
Methyl tert-Butyl Ether
Concen: 10.226 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.019 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 73 Resp: 1020835
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2





#29

Chloroform

Concen: 9.807 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 201703

Ion Ratio Lower Upper

83 100

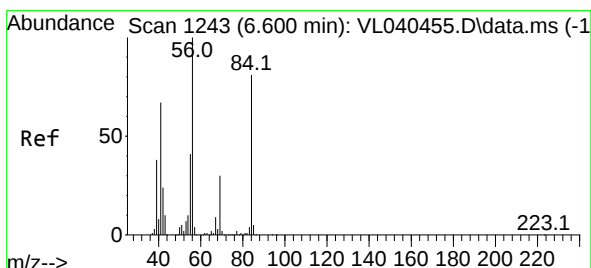
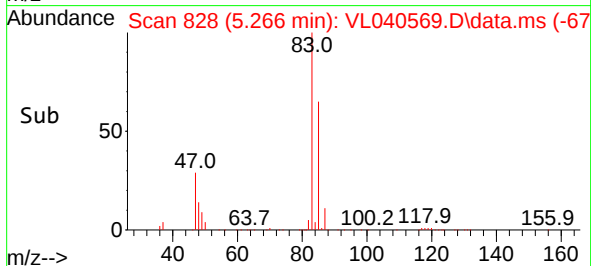
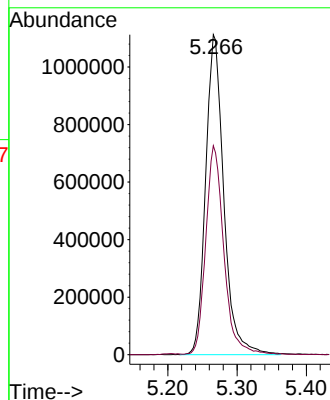
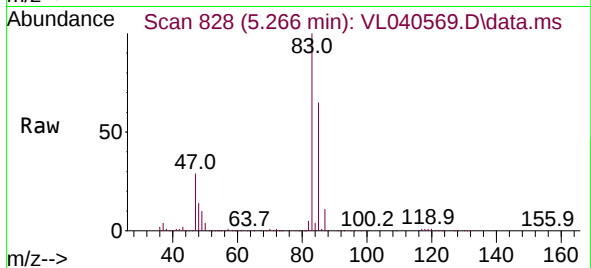
85 65.1 51.1 76.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Cyclohexane

Concen: 9.622 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.013 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

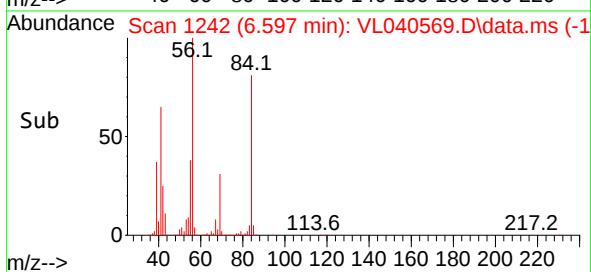
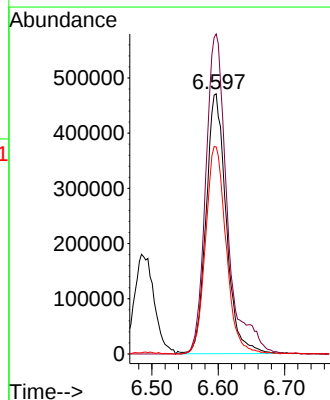
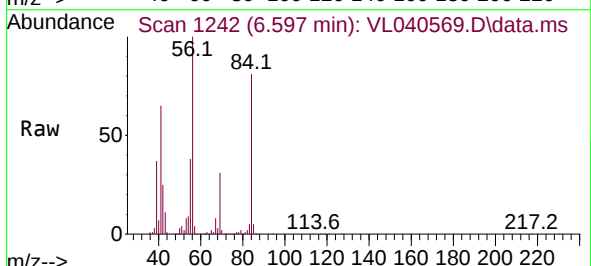
Tgt Ion: 84 Resp: 992840

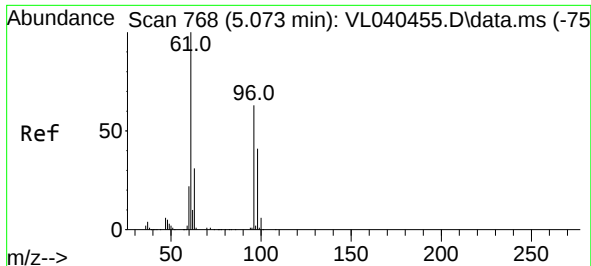
Ion Ratio Lower Upper

84 100

56 131.9 108.7 163.1

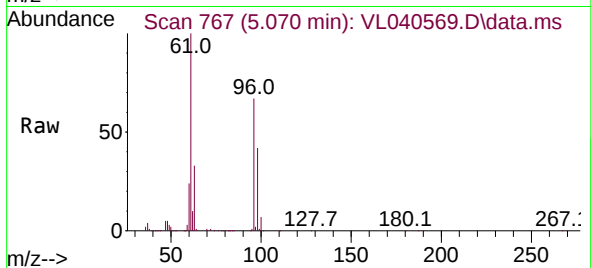
41 81.8 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 10.087 ppbv
 RT: 5.070 min Scan# 768
 Delta R.T. -0.016 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

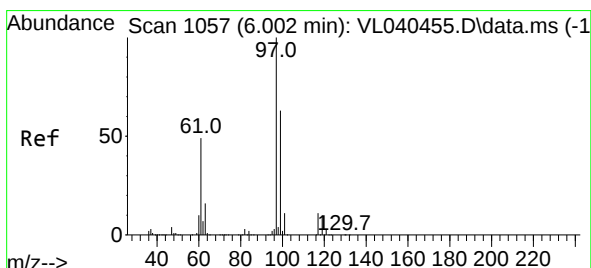
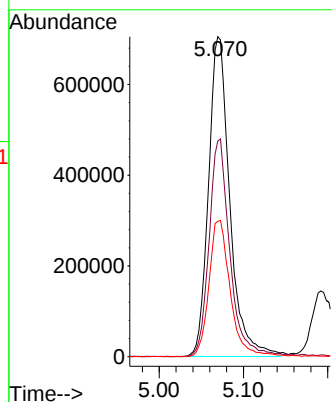
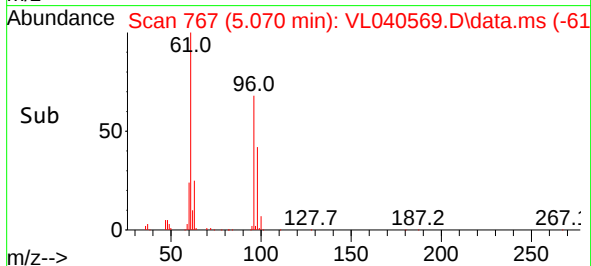
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



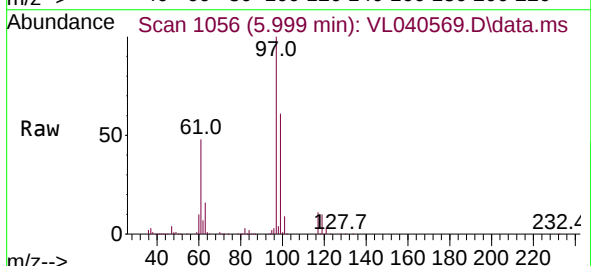
Tgt Ion: 61 Resp: 123644
 Ion Ratio Lower Upper
 61 100
 96 67.4 54.7 82.1
 98 42.3 34.6 52.0

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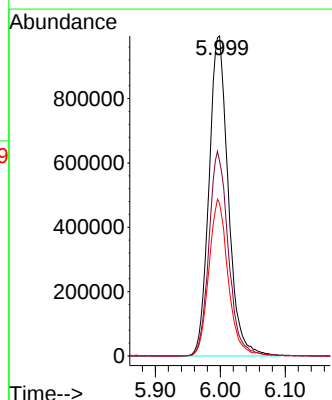
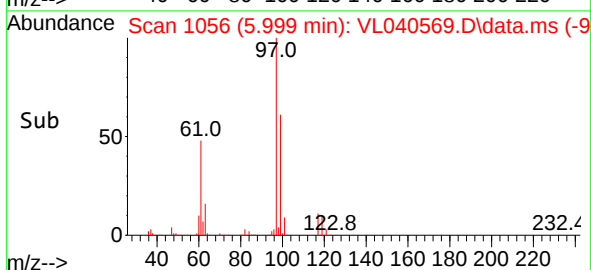
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

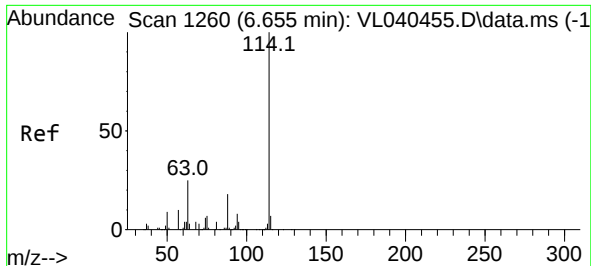


#32
 1,1,1-Trichloroethane
 Concen: 10.199 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.013 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23



Tgt Ion: 97 Resp: 2052661
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.0 78.0
 61 49.0 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 3025030

Ion Ratio Lower Upper

114 100

63 25.6 19.6 29.4

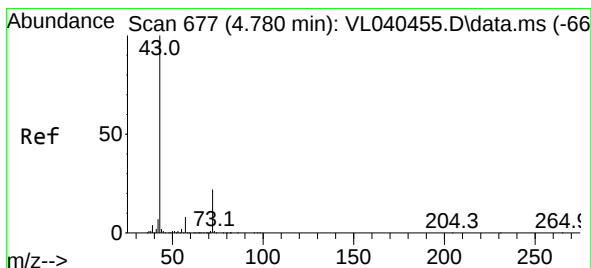
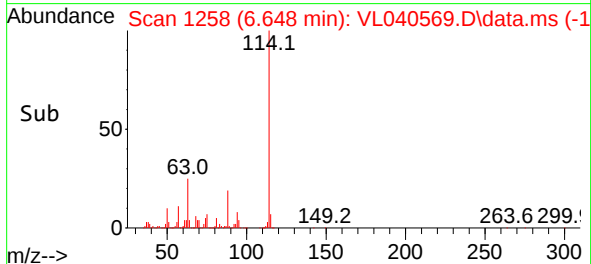
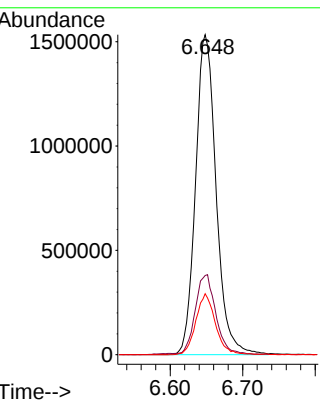
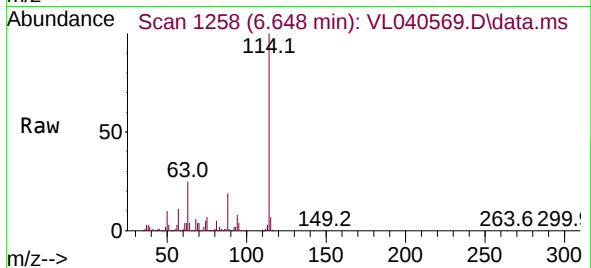
88 18.2 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

2-Butanone

Concen: 10.544 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.016 min

Lab File: VL040569.D

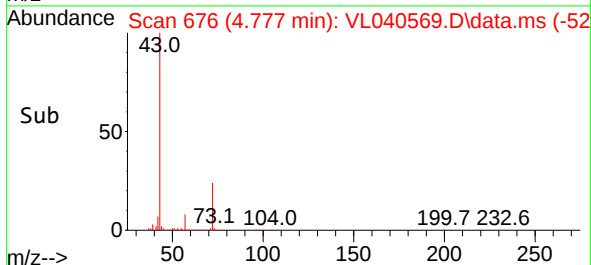
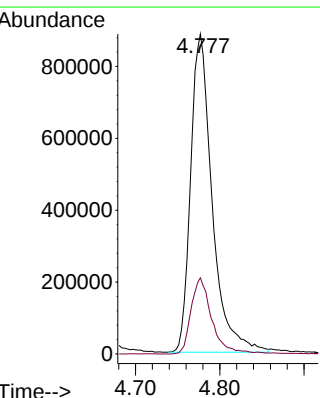
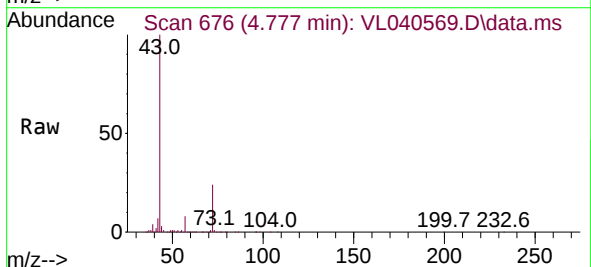
Acq: 31 Jul 2023 12:23

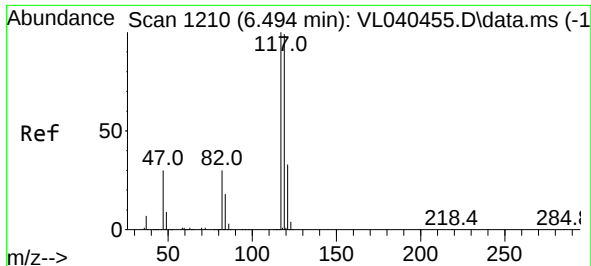
Tgt Ion: 43 Resp: 1576022

Ion Ratio Lower Upper

43 100

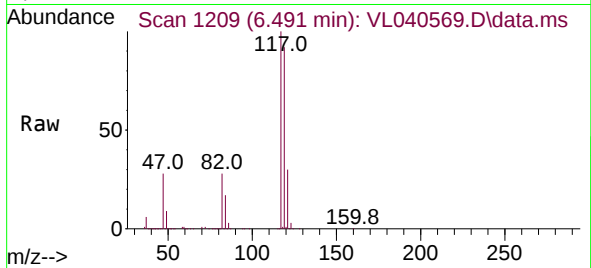
72 23.5 19.1 28.7





#35
Carbon Tetrachloride
Concen: 11.507 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

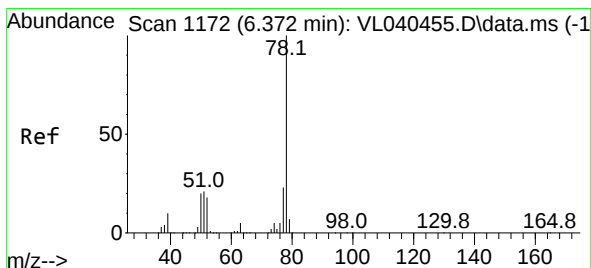
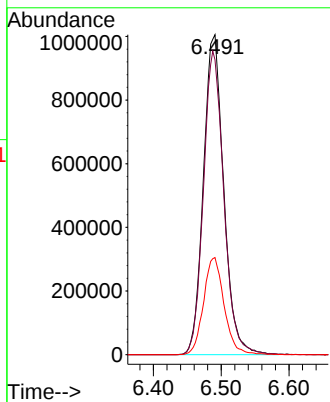
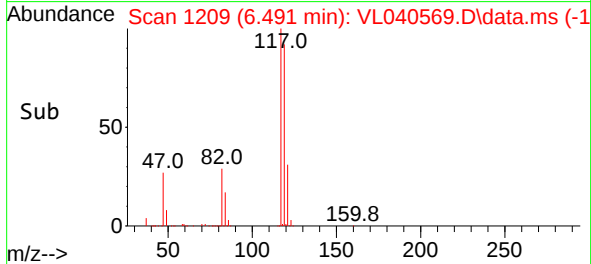
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 2094924
Ion Ratio Lower Upper
117 100
119 92.1 77.8 116.6
121 30.4 24.8 37.2

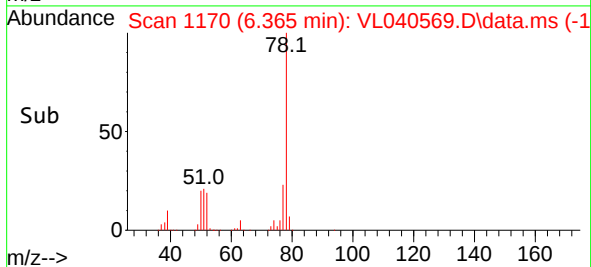
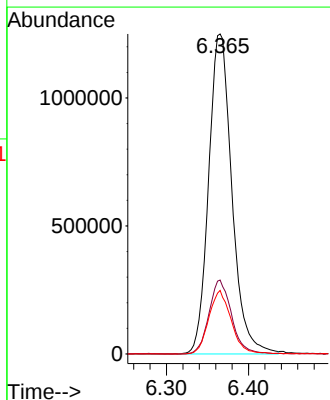
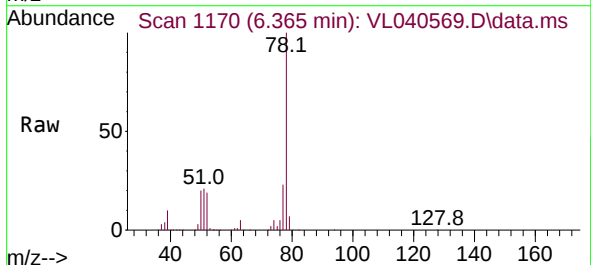
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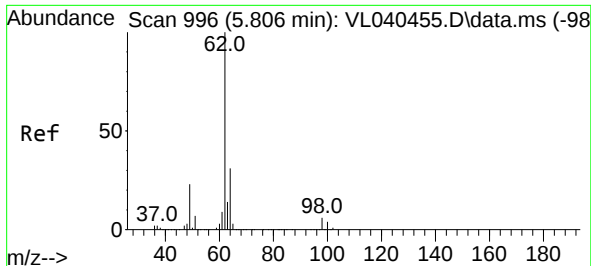
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#36
Benzene
Concen: 10.143 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 78 Resp: 2468841
Ion Ratio Lower Upper
78 100
77 23.1 17.4 26.0
50 19.8 14.4 21.6





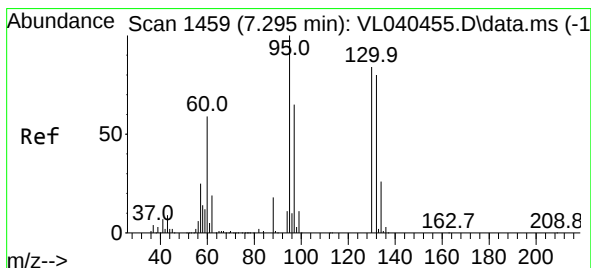
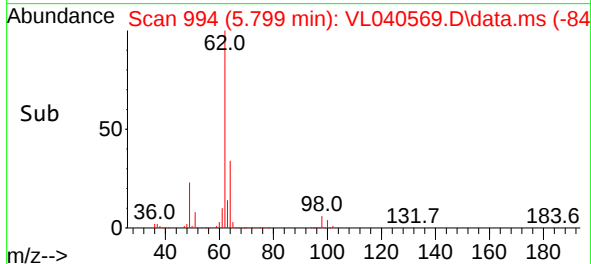
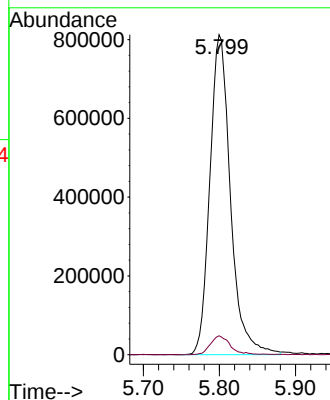
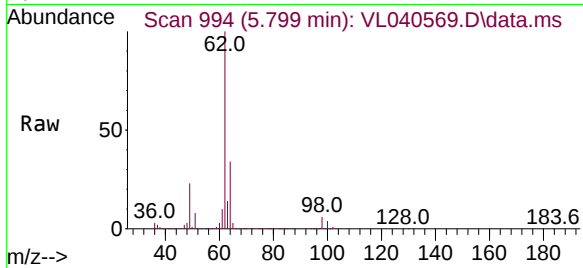
#37
1,2-Dichloroethane
Concen: 10.679 ppbv
RT: 5.799 min Scan# 996
Delta R.T. -0.016 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1529069
Ion Ratio Lower Upper
62 100
98 5.9 5.1 7.7

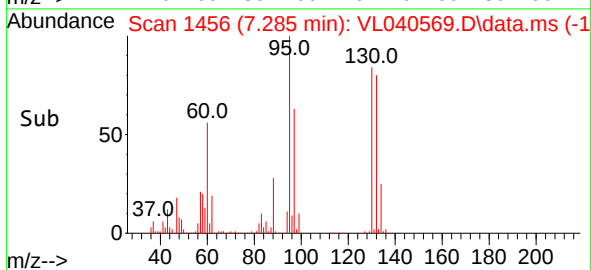
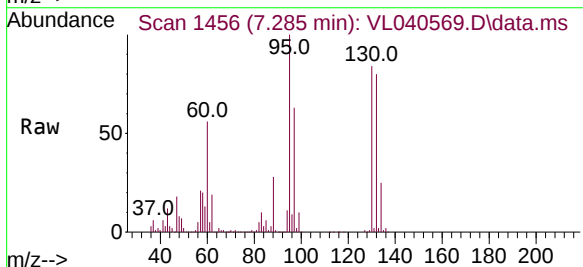
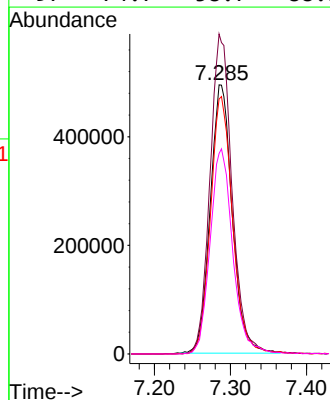
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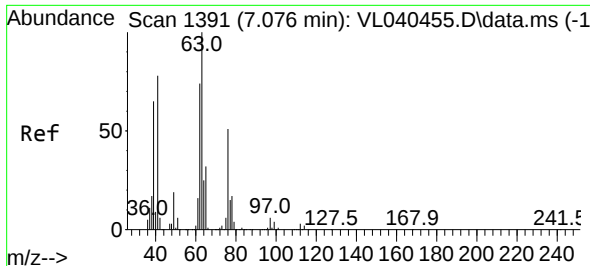
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#38
Trichloroethene
Concen: 10.828 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.019 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion:130 Resp: 996855
Ion Ratio Lower Upper
130 100
95 119.1 90.2 135.2
132 94.9 76.3 114.5
97 74.7 58.7 88.1





#39

1,2-Dichloropropane

Concen: 10.150 ppbv

RT: 7.069 min Scan# 1389

Delta R.T. -0.013 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

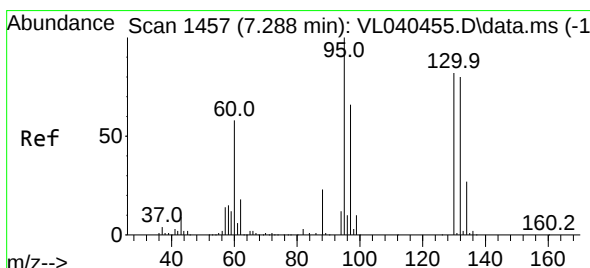
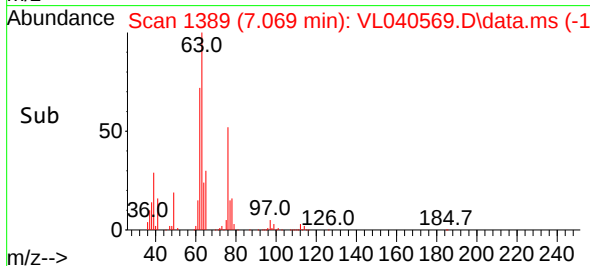
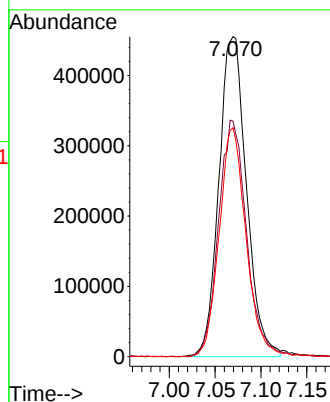
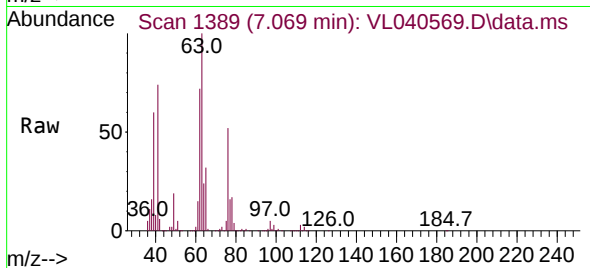
Tgt Ion: 63 Resp: 95105

Ion	Ratio	Lower	Upper
63	100		
41	73.5	54.3	81.5
62	71.5	55.6	83.4

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Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#40

1,4-Dioxane

Concen: 12.269 ppbv

RT: 7.285 min Scan# 1456

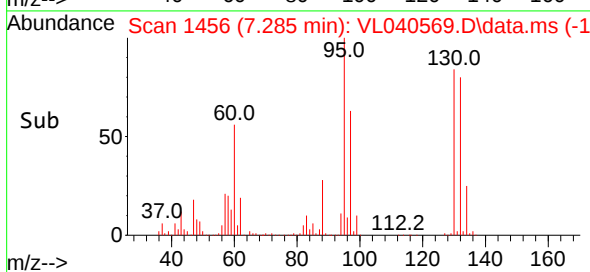
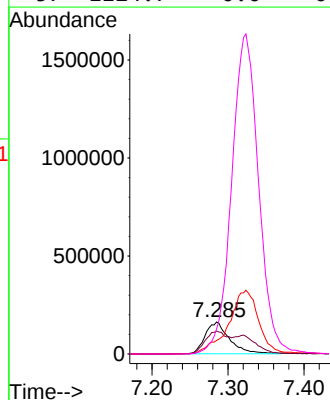
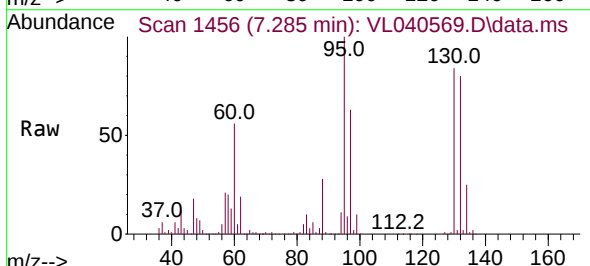
Delta R.T. -0.013 min

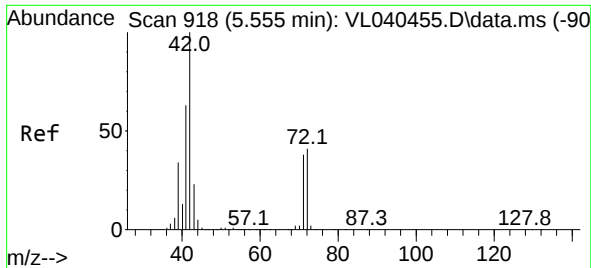
Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Tgt Ion: 88 Resp: 359565

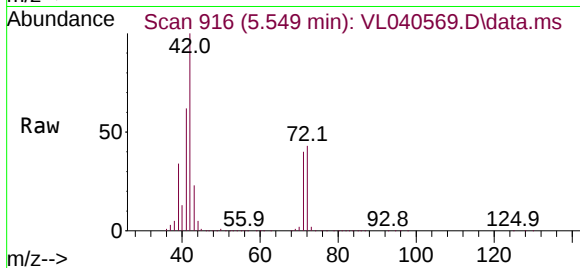
Ion	Ratio	Lower	Upper
88	100		
58	122.1	58.6	88.0#
43	248.7	0.0	0.0#
57	1124.7	0.0	0.0#





#41
Tetrahydrofuran
Concen: 10.619 ppbv
RT: 5.549 min Scan# 916
Delta R.T. -0.016 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

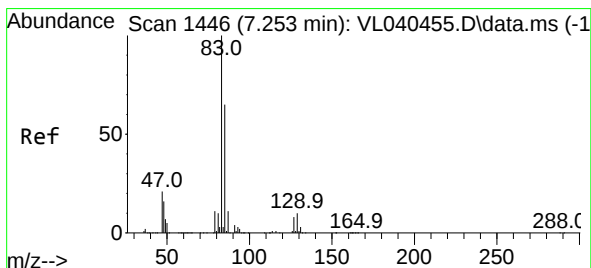
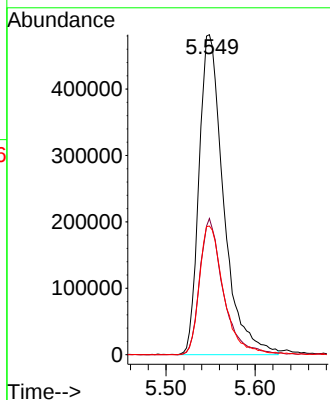
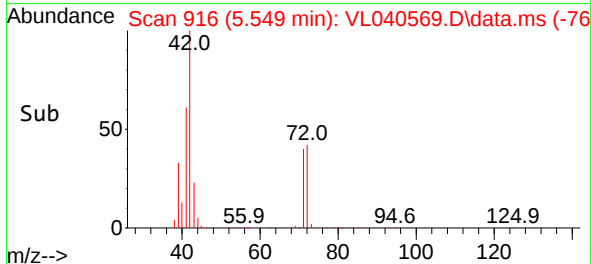
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



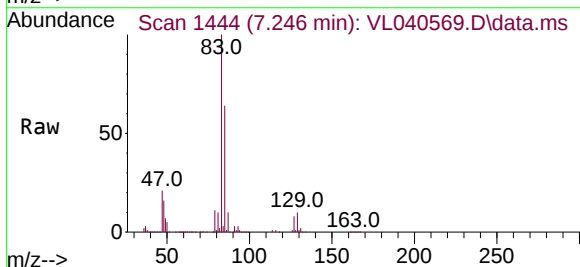
Tgt Ion: 42 Resp: 92625
Ion Ratio Lower Upper
42 100
72 41.0 33.8 50.8
71 40.3 33.0 49.6

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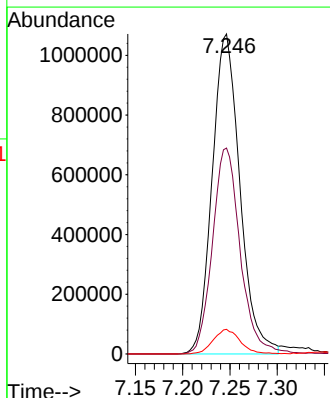
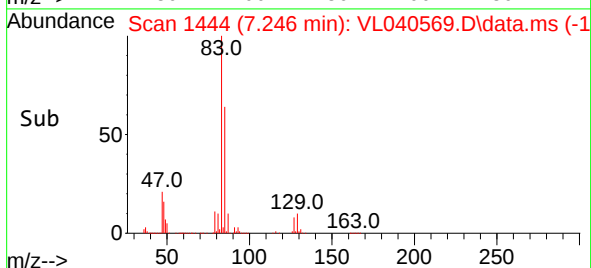
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

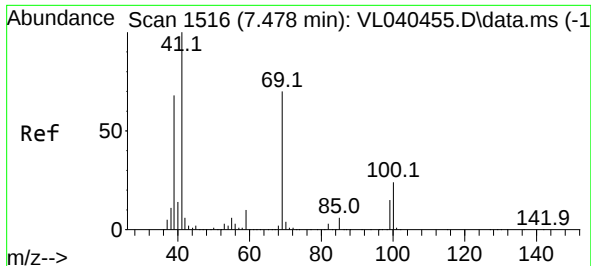


#42
Bromodichloromethane
Concen: 10.979 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23



Tgt Ion: 83 Resp: 2186547
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7
127 7.7 6.5 9.7





#43
Methyl Methacrylate
Concen: 11.001 ppbv
RT: 7.471 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

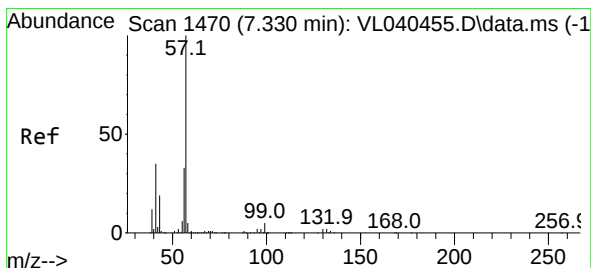
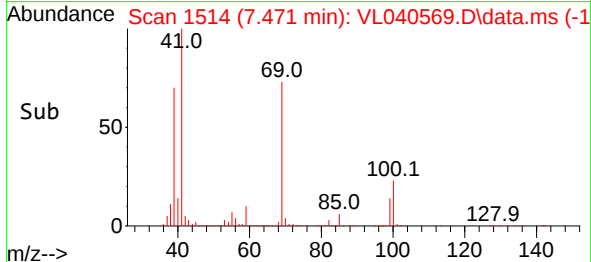
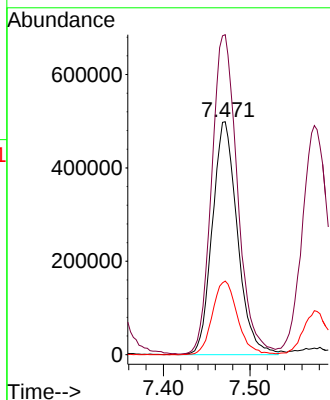
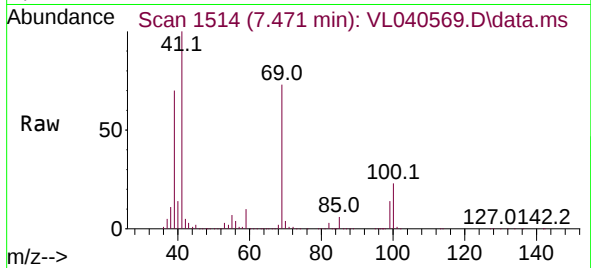
ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 100224
Ion Ratio Lower Upper
69 100
41 140.7 111.7 167.5
100 31.6 26.9 40.3

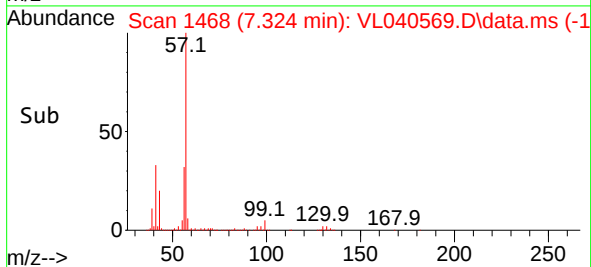
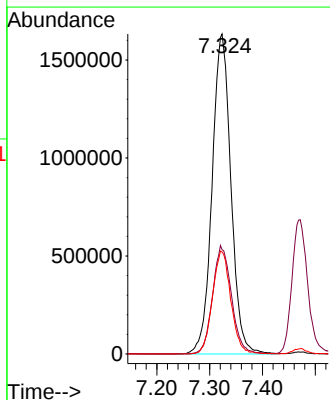
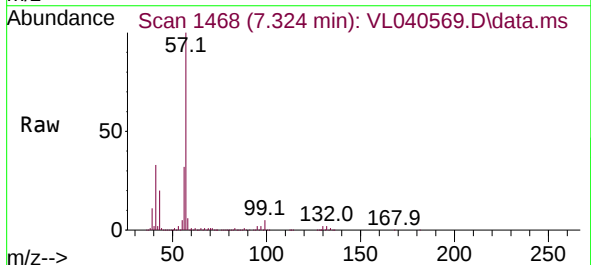
Manual Integrations
APPROVED

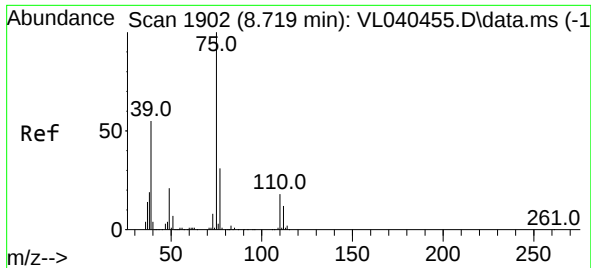
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#44
2,2,4-Trimethylpentane
Concen: 10.322 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 57 Resp: 4042240
Ion Ratio Lower Upper
57 100
41 33.9 25.5 38.3
56 31.4 25.1 37.7





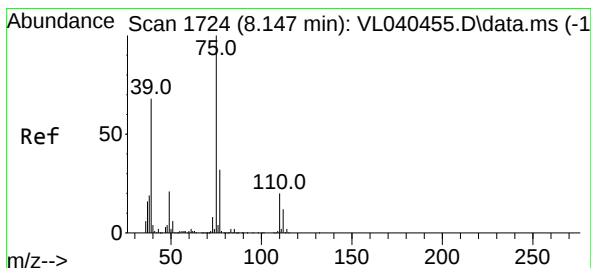
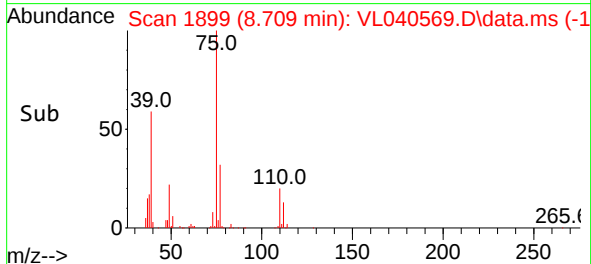
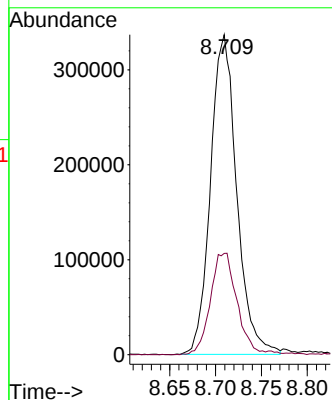
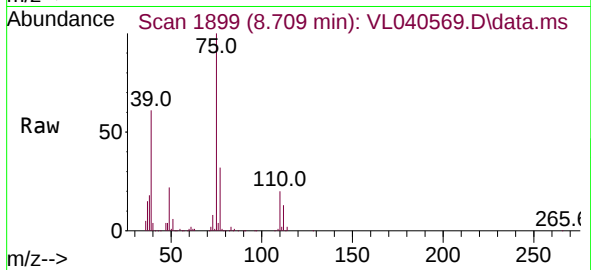
#45
t-1,3-Dichloropropene
Concen: 11.441 ppbv
RT: 8.709 min Scan# 1899
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 66863
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0

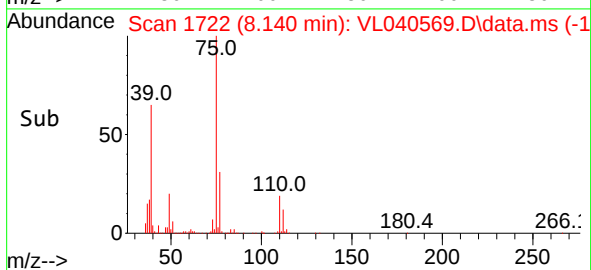
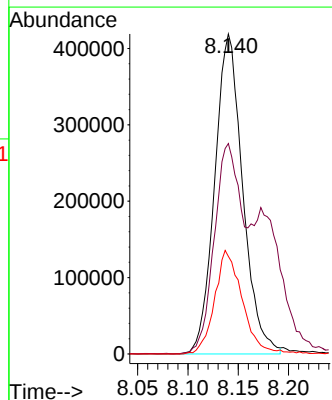
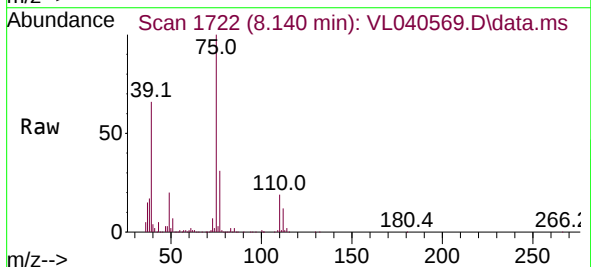
Manual Integrations
APPROVED

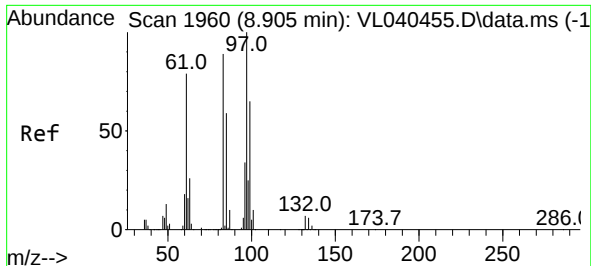
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#46
cis-1,3-Dichloropropene
Concen: 10.830 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 75 Resp: 812036
Ion Ratio Lower Upper
75 100
39 65.6 48.0 72.0
77 30.5 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.091 ppbv

RT: 8.896 min Scan# 1960

Delta R.T. -0.013 min

Lab File: VL040569.D

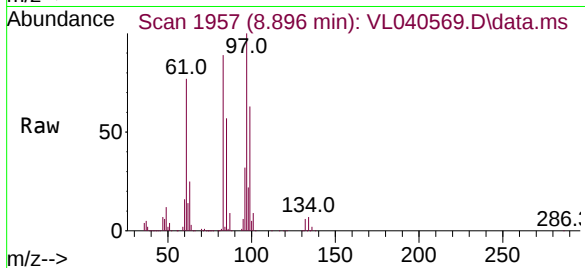
Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 1043219

Ion Ratio Lower Upper

97 100

83 88.7 73.4 110.0

85 56.7 46.6 70.0

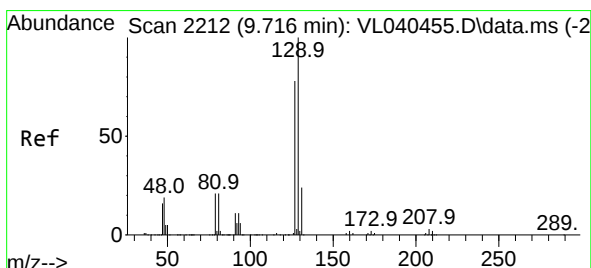
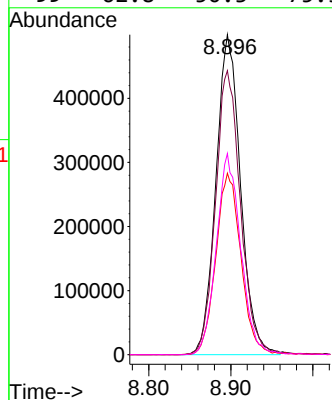
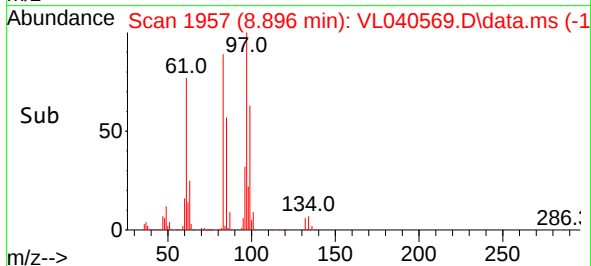
99 62.8 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#48

Dibromochloromethane

Concen: 11.193 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.013 min

Lab File: VL040569.D

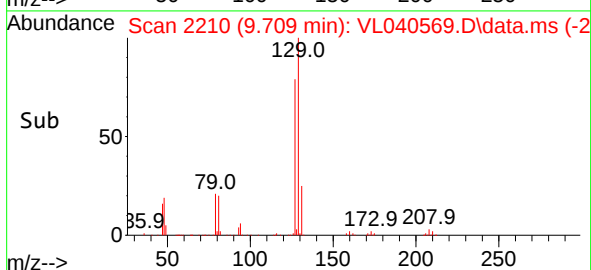
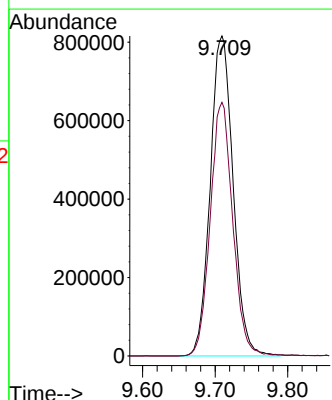
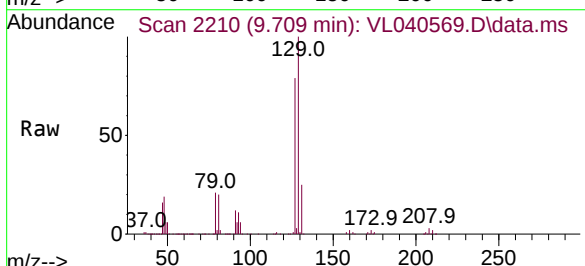
Acq: 31 Jul 2023 12:23

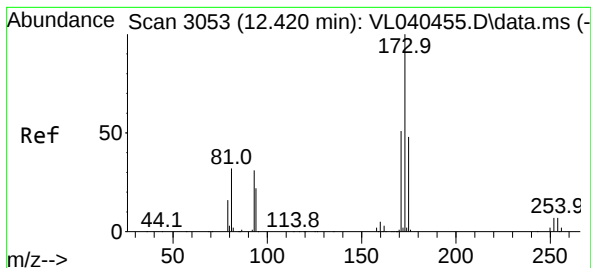
Tgt Ion:129 Resp: 1789017

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.3





#49

Bromoform

Concen: 11.321 ppbv

RT: 12.410 min Scan# 3053

Delta R.T. -0.013 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 143461

Ion Ratio Lower Upper

173 100

175 48.9 39.5 59.3

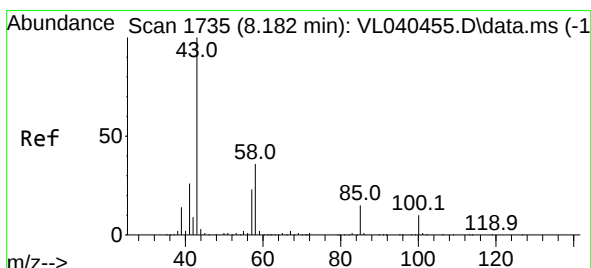
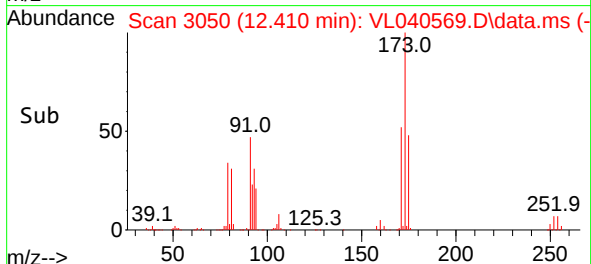
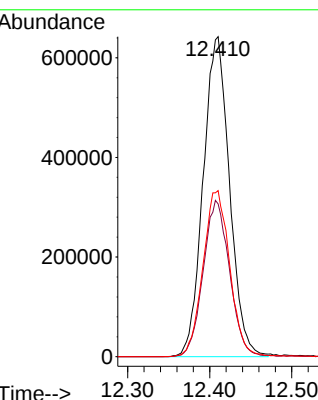
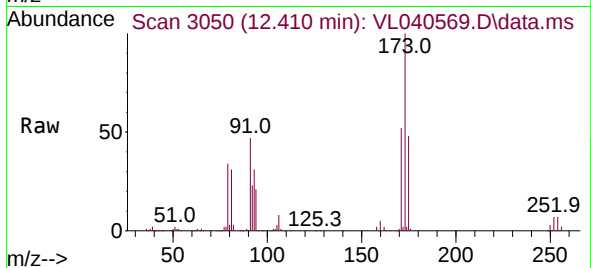
171 53.0 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#50

4-Methyl-2-Pentanone

Concen: 10.874 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. -0.016 min

Lab File: VL040569.D

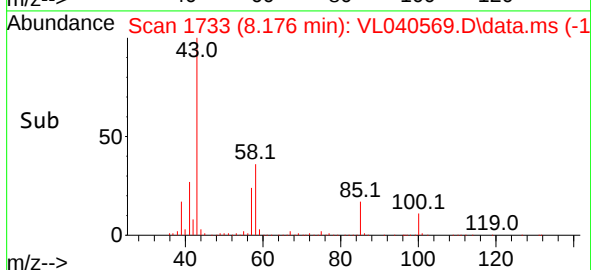
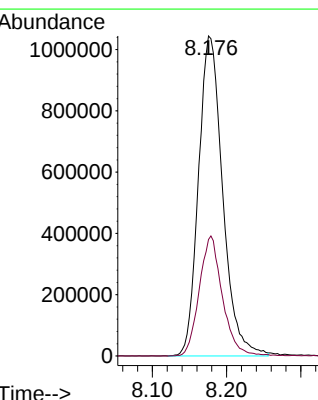
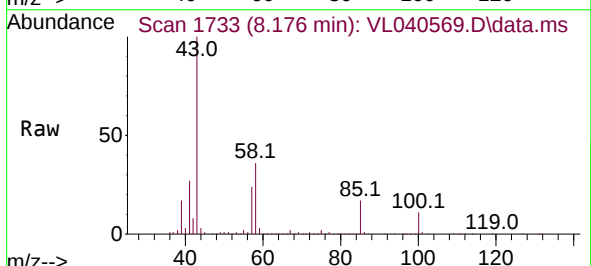
Acq: 31 Jul 2023 12:23

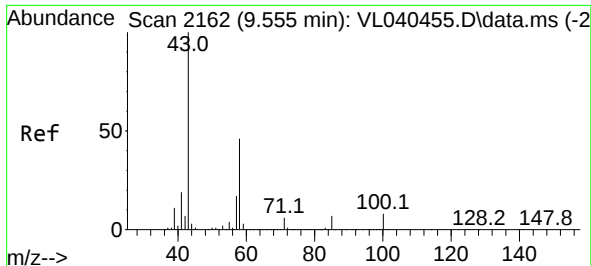
Tgt Ion: 43 Resp: 2361689

Ion Ratio Lower Upper

43 100

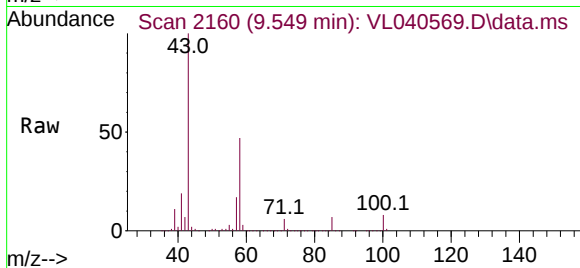
58 36.0 30.2 45.2





#51
2-Hexanone
Concen: 11.095 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. -0.012 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

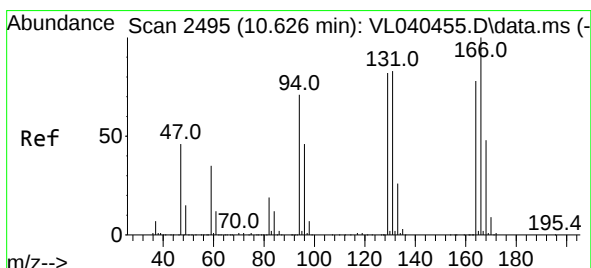
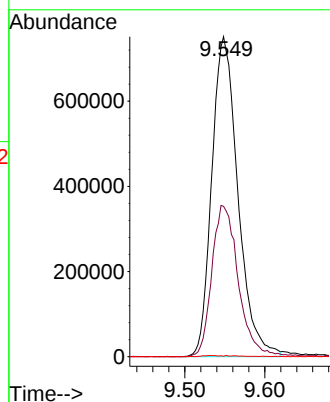
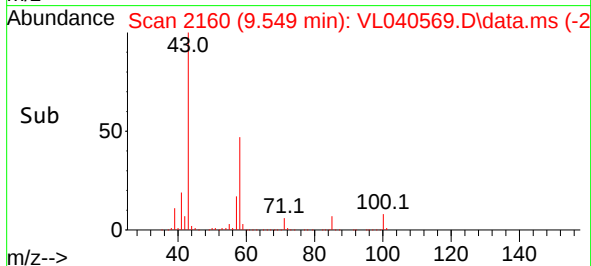
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 170403
Ion Ratio Lower Upper
43 100
58 48.1 39.7 59.5
98 0.3 0.3 0.5

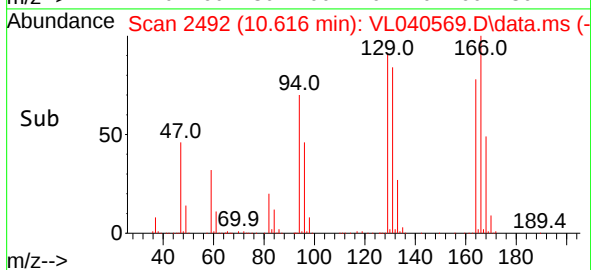
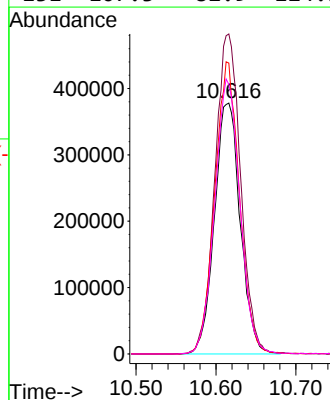
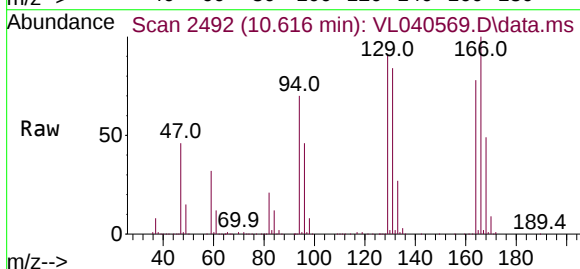
Manual Integrations
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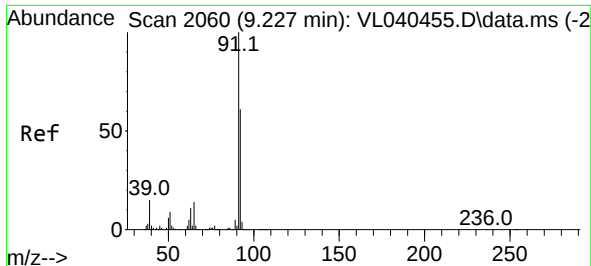
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Tetrachloroethene
Concen: 10.713 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion:164 Resp: 844441
Ion Ratio Lower Upper
164 100
166 127.5 103.9 155.9
129 116.0 84.6 126.8
131 107.3 82.9 124.3





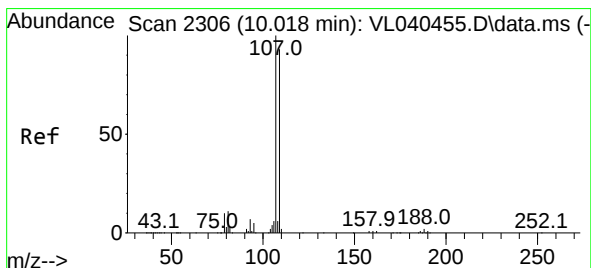
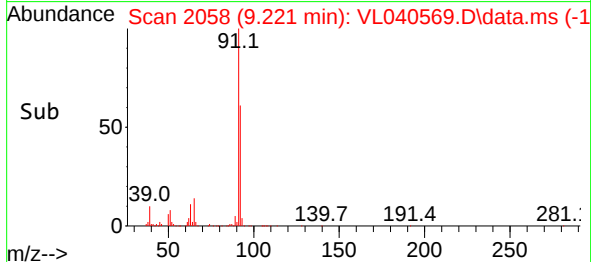
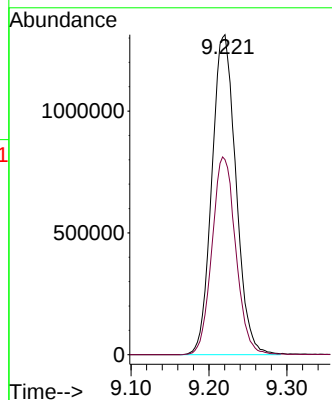
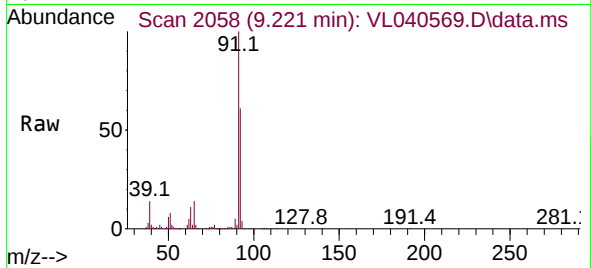
#53
Toluene
Concen: 10.652 ppbv
RT: 9.221 min Scan# 2060
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 281627
Ion Ratio Lower Upper
91 100
92 61.2 49.1 73.7

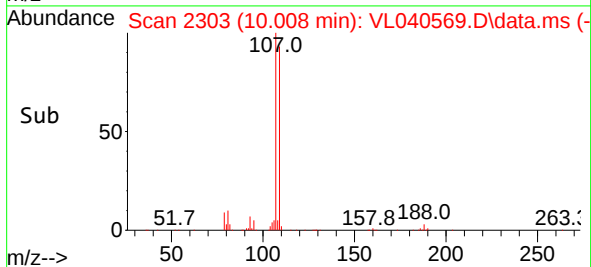
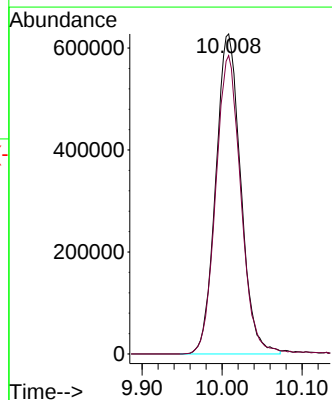
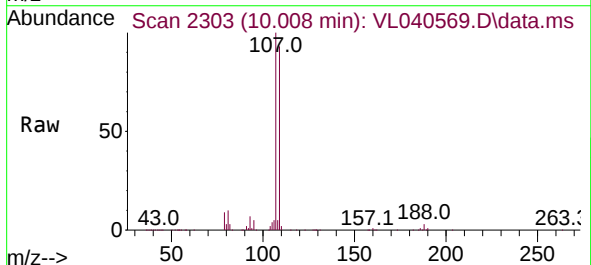
Manual Integrations
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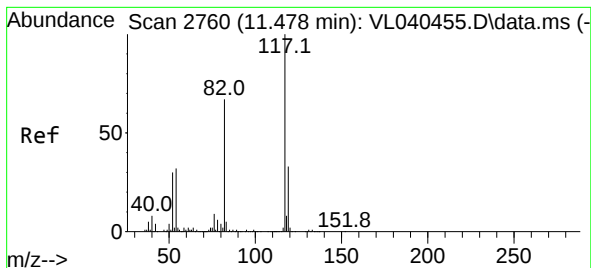
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#54
1,2-Dibromoethane
Concen: 10.575 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion:107 Resp: 1358846
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2





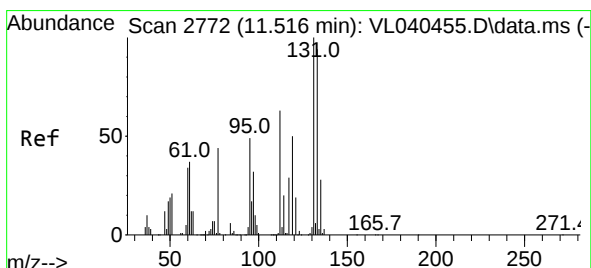
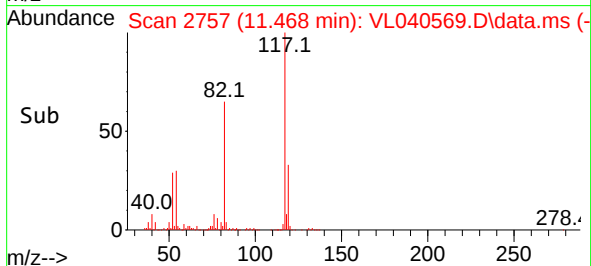
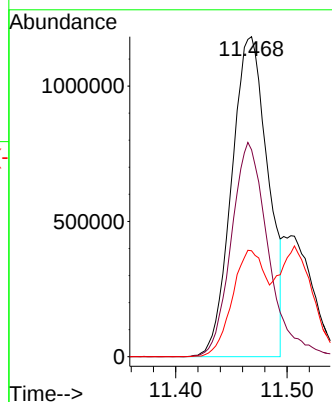
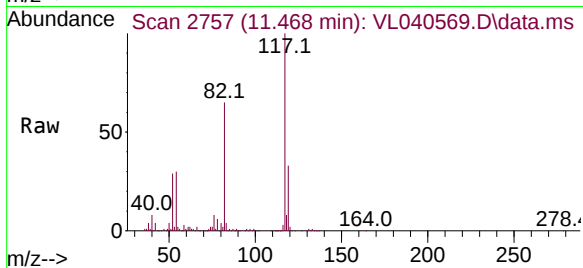
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2677318
Ion Ratio Lower Upper
117 100
82 68.8 50.2 75.4
119 28.5 26.9 40.3

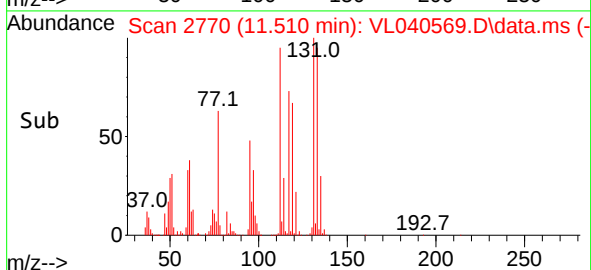
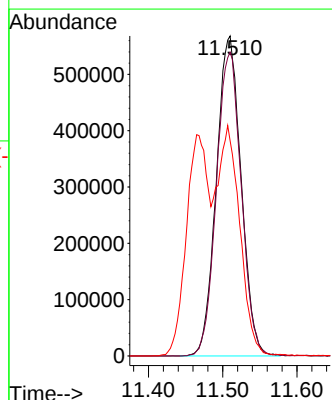
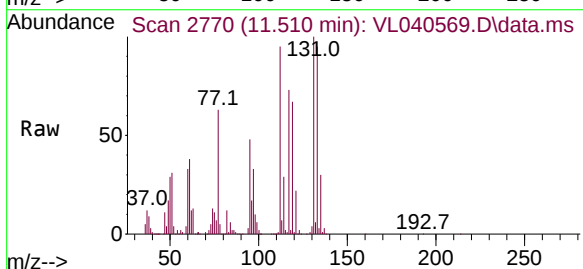
Manual Integrations
APPROVED

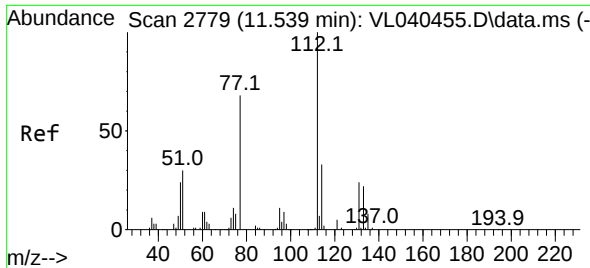
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.971 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

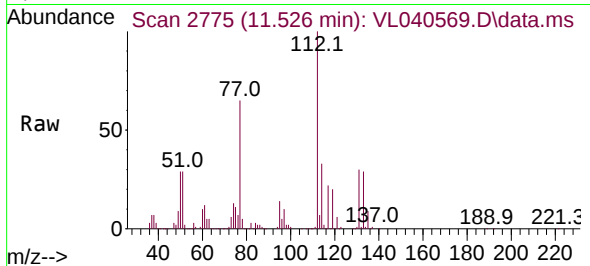
Tgt Ion:131 Resp: 1315463
Ion Ratio Lower Upper
131 100
133 95.5 76.3 114.5
119 68.4 51.1 76.7





#57
Chlorobenzene
Concen: 10.484 ppbv
RT: 11.526 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

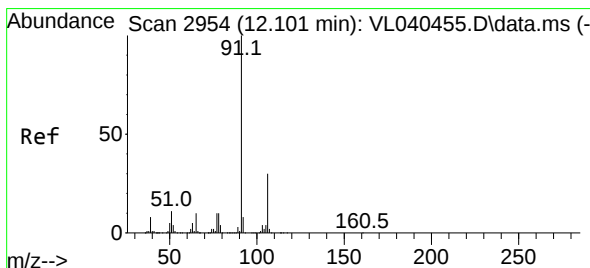
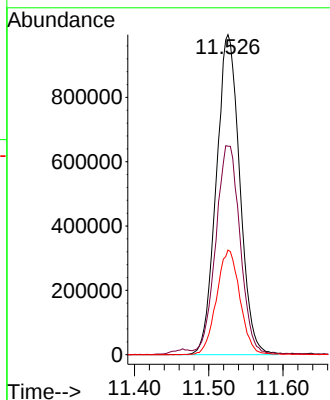
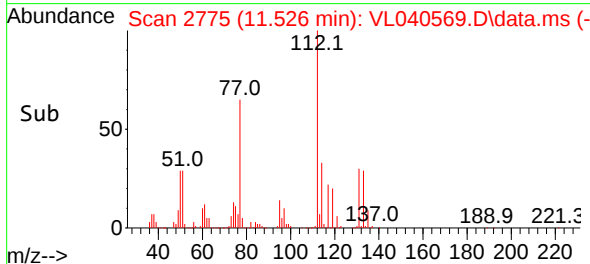
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 218895
Ion Ratio Lower Upper
112 100
77 64.7 51.0 76.6
114 32.7 28.3 34.5

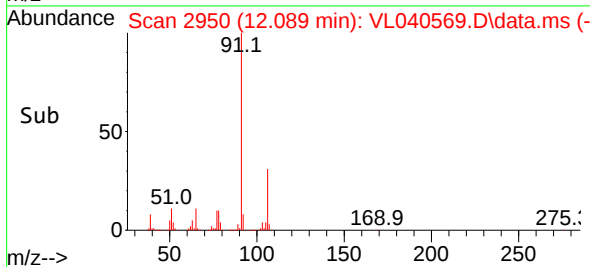
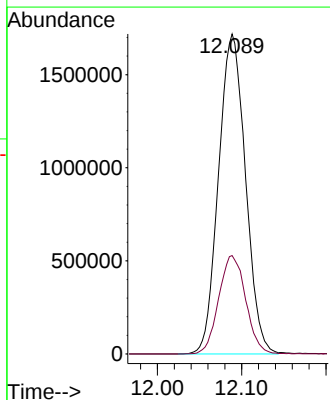
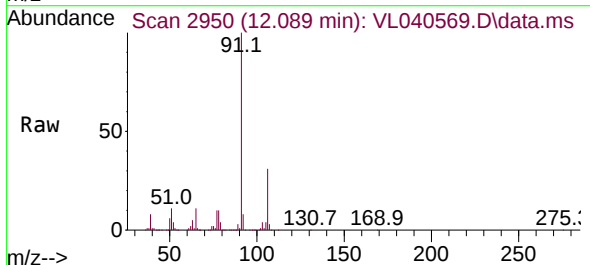
Manual Integrations
APPROVED

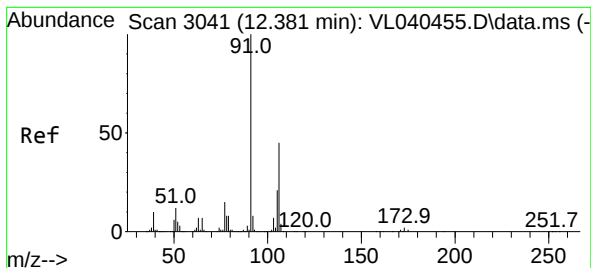
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#58
Ethyl Benzene
Concen: 11.336 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 91 Resp: 3808560
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0





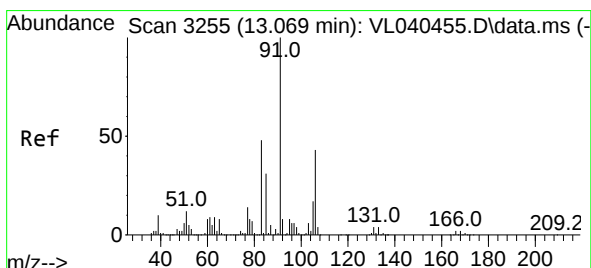
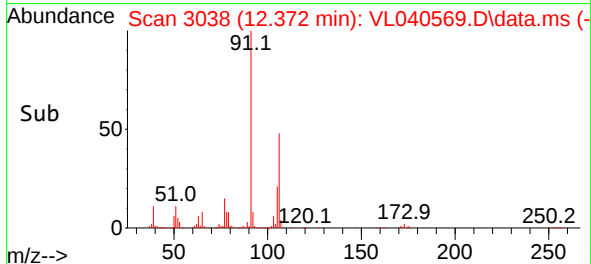
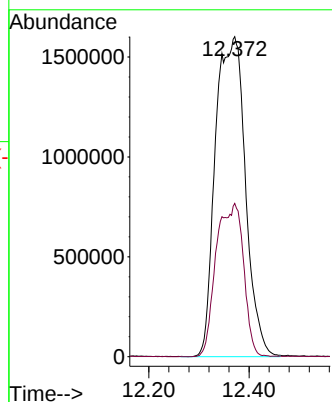
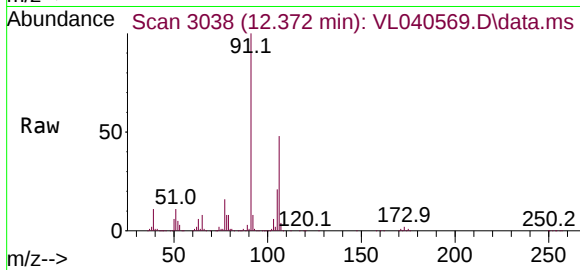
#59
m/p-Xylene
Concen: 22.104 ppbv m
RT: 12.372 min Scan# 3041
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 662844
Ion Ratio Lower Upper
91 100
106 44.0 35.9 53.9

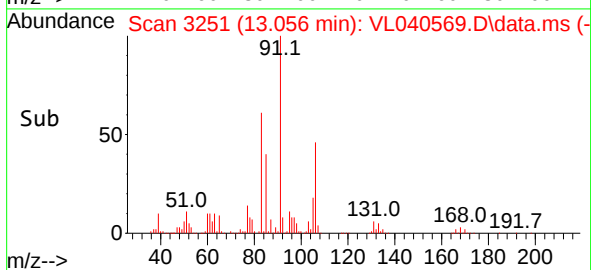
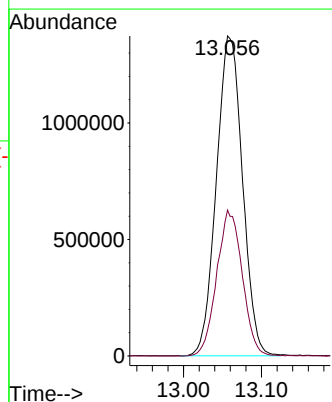
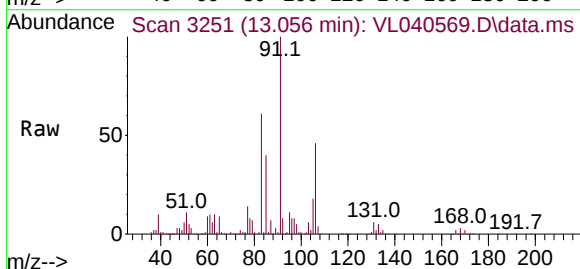
Manual Integrations
APPROVED

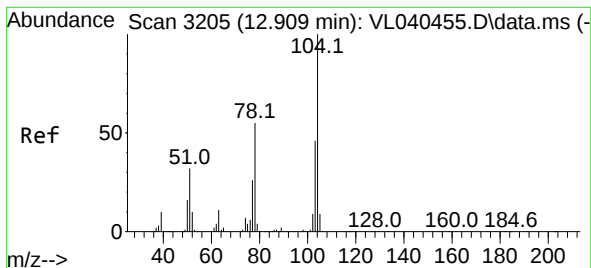
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
o-Xylene
Concen: 11.203 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Tgt Ion: 91 Resp: 3200348
Ion Ratio Lower Upper
91 100
106 44.6 22.7 68.0





#61

Styrene

Concen: 12.114 ppbv

RT: 12.899 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL040569.D

Acq: 31 Jul 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 159630

Ion Ratio Lower Upper

104 100

78 52.7 40.1 60.1

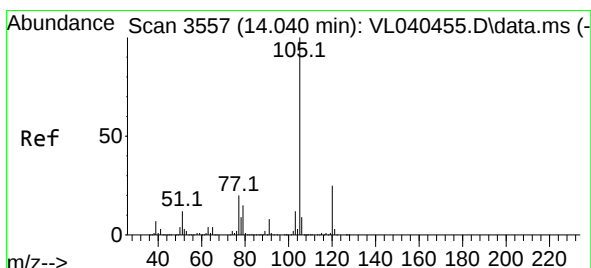
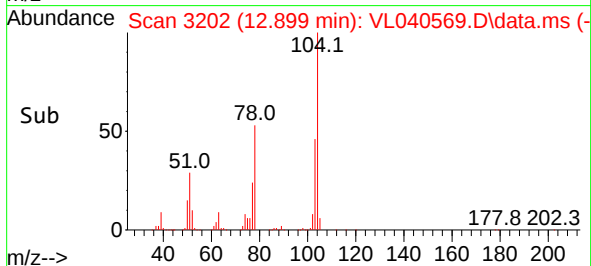
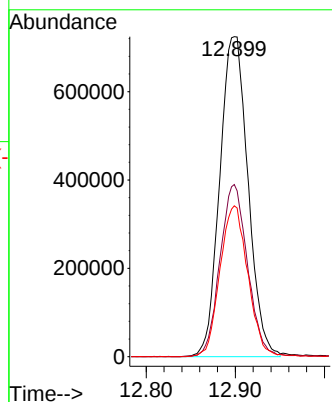
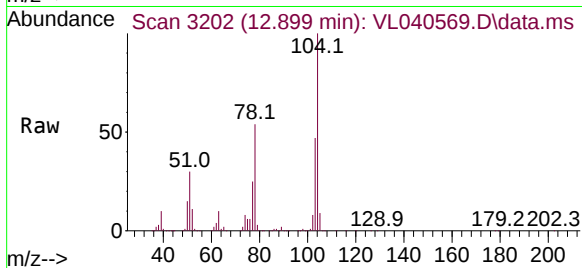
103 46.8 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#62

Isopropylbenzene

Concen: 10.766 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. -0.013 min

Lab File: VL040569.D

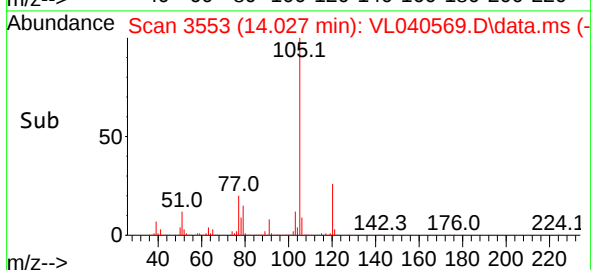
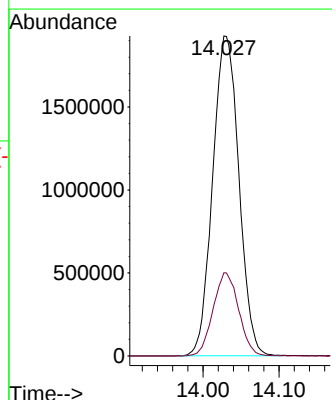
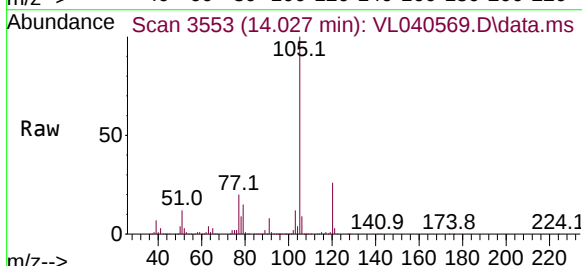
Acq: 31 Jul 2023 12:23

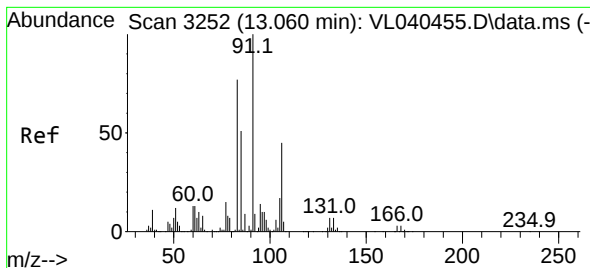
Tgt Ion:105 Resp: 4609715

Ion Ratio Lower Upper

105 100

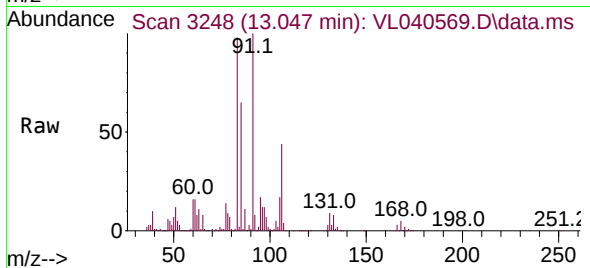
120 25.4 20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 11.233 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

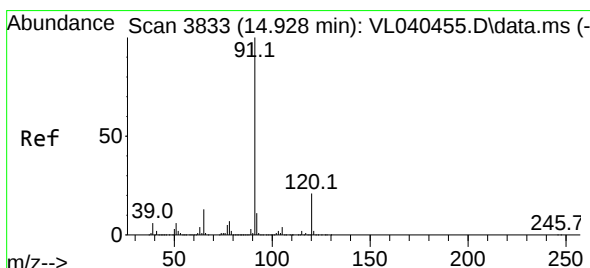
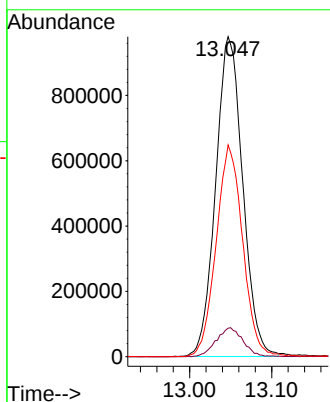
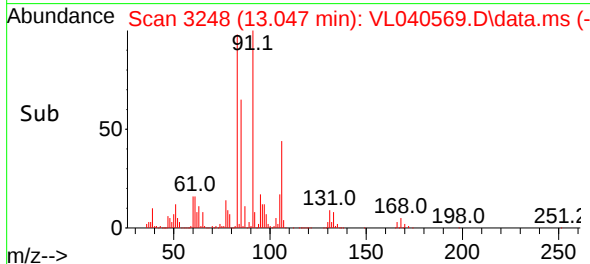
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



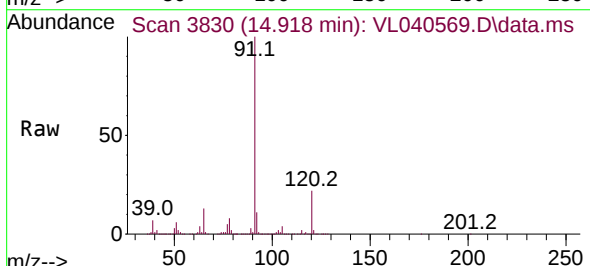
Tgt Ion: 83 Resp: 224722
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.1 32.8 98.3

Manual Integrations
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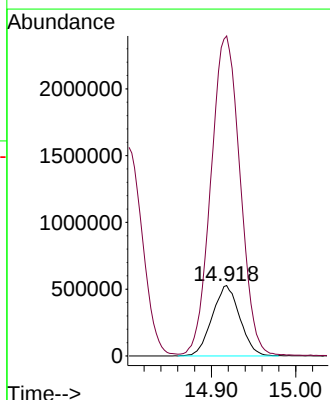
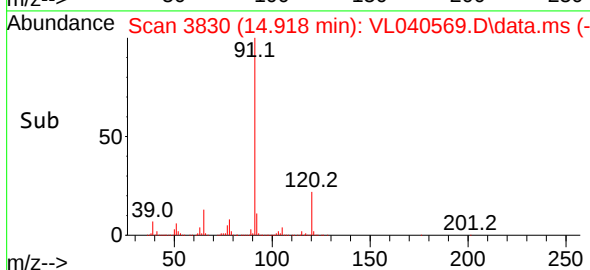
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

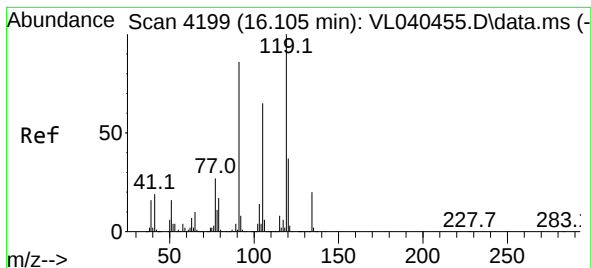


#64
n-propylbenzene
Concen: 10.774 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23



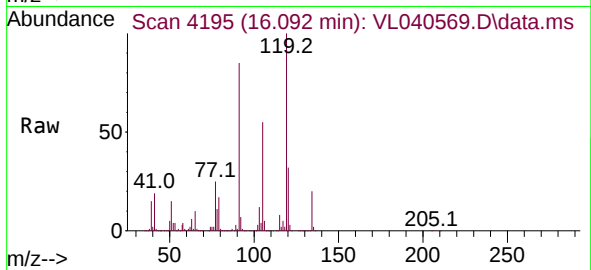
Tgt Ion:120 Resp: 1193557
Ion Ratio Lower Upper
120 100
91 484.4 374.3 561.5





#65
tert-Butylbenzene
Concen: 10.618 ppbv
RT: 16.092 min Scan# 4199
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

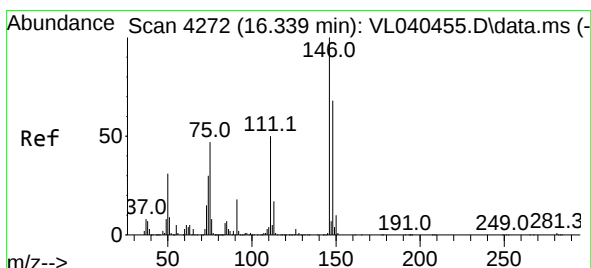
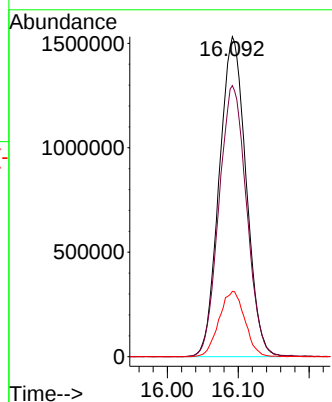
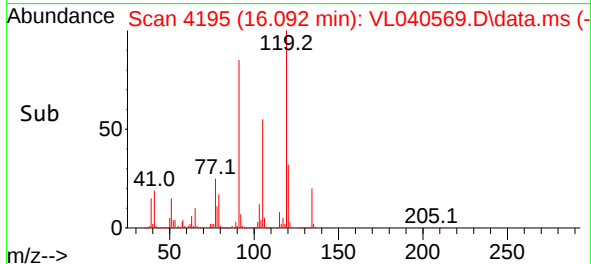
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



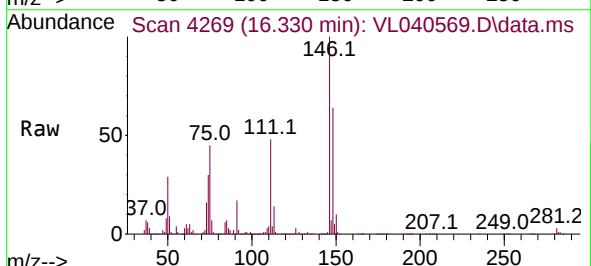
Tgt Ion:119 Resp: 402499
Ion Ratio Lower Upper
119 100
91 87.3 66.1 99.1
134 19.7 15.7 23.5

Manual Integrations
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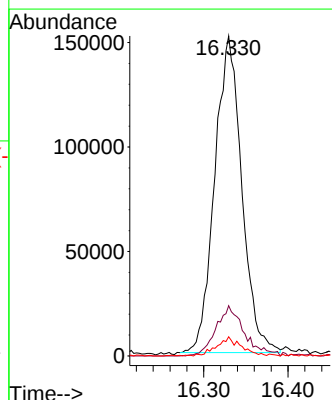
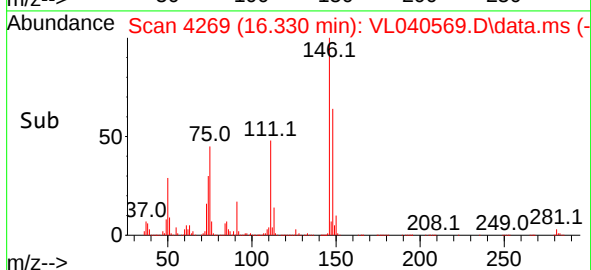
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

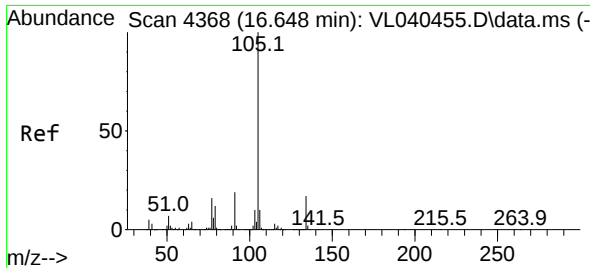


#66
Benzyl Chloride
Concen: 12.586 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.007 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23



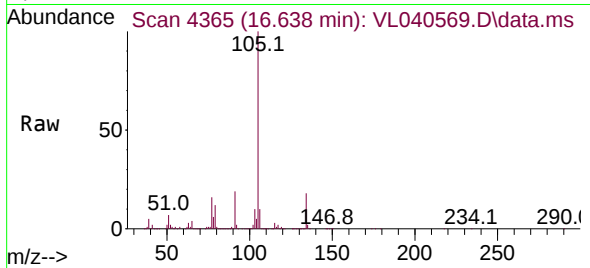
Tgt Ion: 91 Resp: 337507
Ion Ratio Lower Upper
91 100
126 16.6 15.4 23.2
128 5.6 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 10.459 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

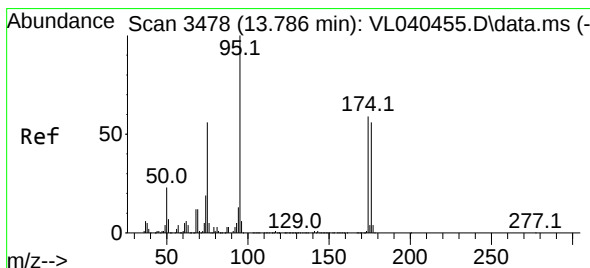
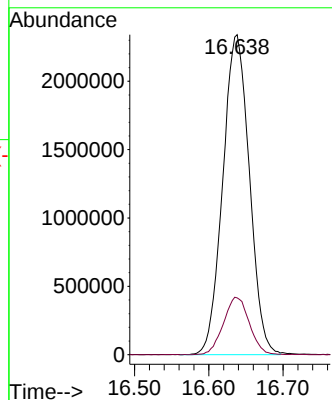
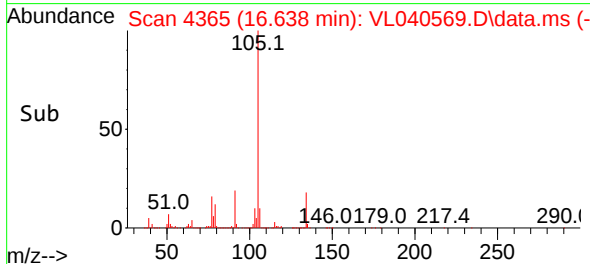
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



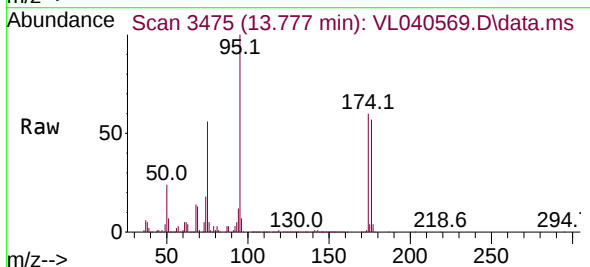
Tgt Ion:105 Resp: 582519
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.4 21.6

Manual Integrations
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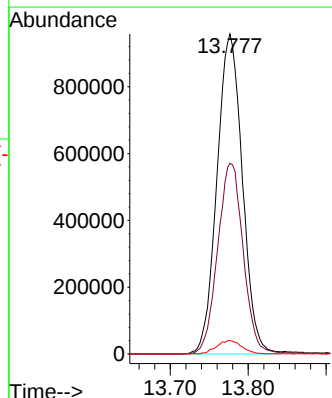
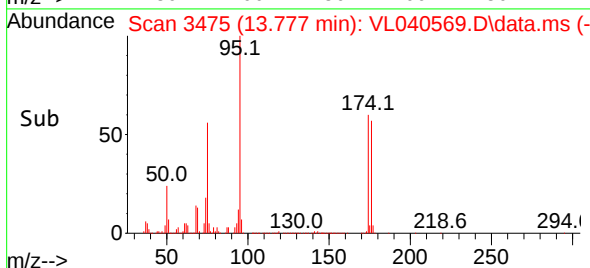
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

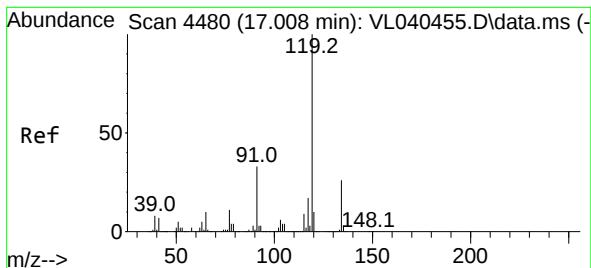


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.247 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.007 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23



Tgt Ion: 95 Resp: 2171280
 Ion Ratio Lower Upper
 95 100
 174 60.2 50.6 75.8
 175 4.2 3.7 5.5





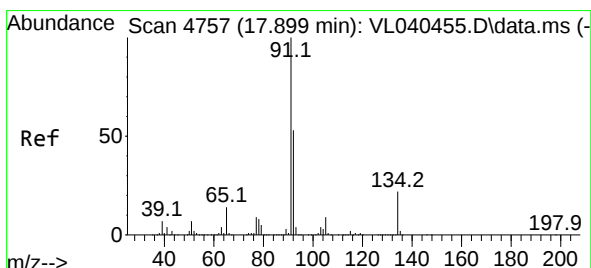
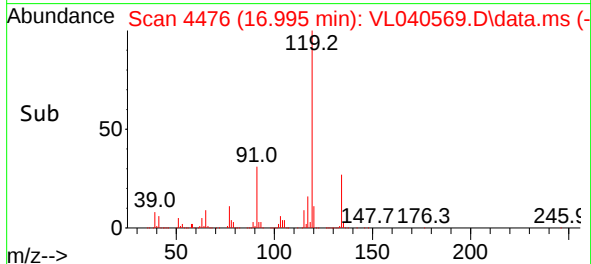
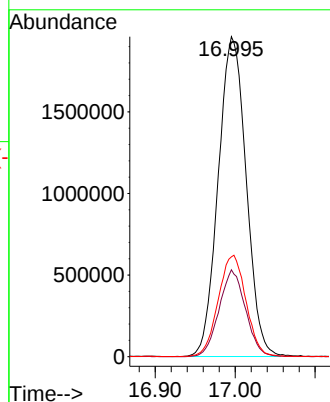
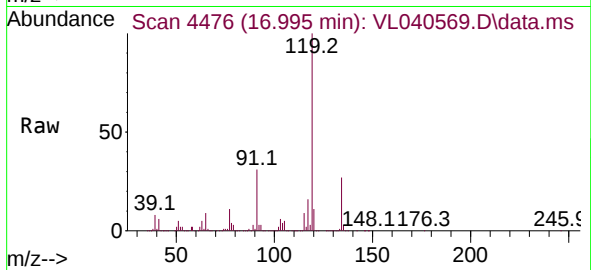
#69
p-Isopropyltoluene
Concen: 10.336 ppbv
RT: 16.995 min Scan# 4480
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4757295
Ion Ratio Lower Upper
119 100
134 25.7 20.5 30.7
91 31.5 23.8 35.8

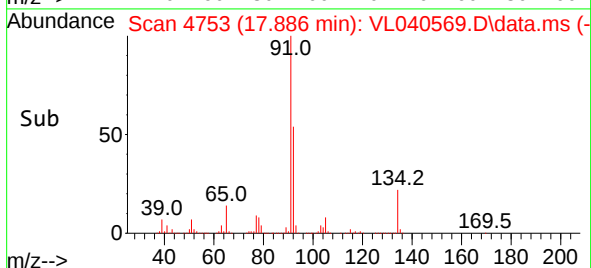
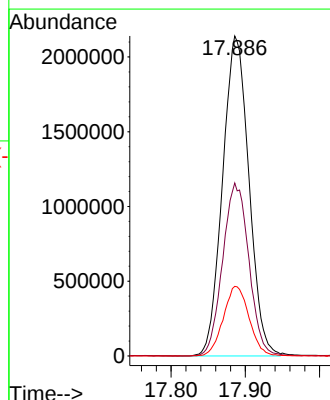
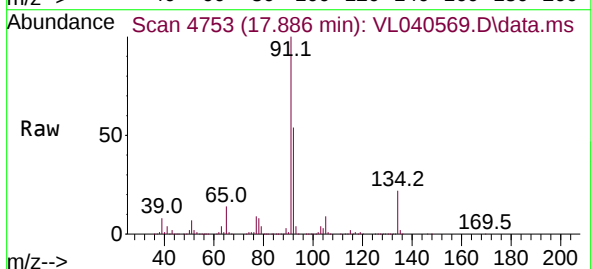
Manual Integrations
APPROVED

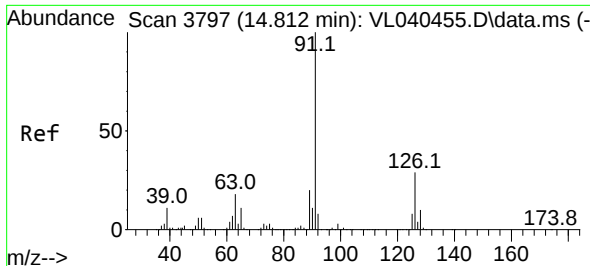
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#70
n-Butylbenzene
Concen: 10.266 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

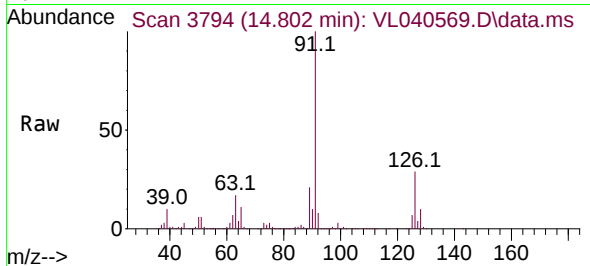
Tgt Ion: 91 Resp: 5269011
Ion Ratio Lower Upper
91 100
92 53.9 43.4 65.0
134 21.4 18.1 27.1





#71
2-Chlorotoluene
Concen: 10.958 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

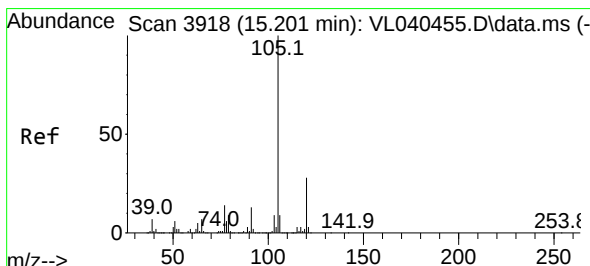
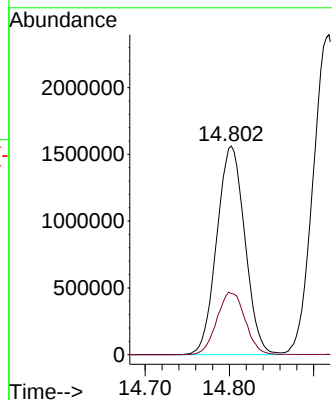
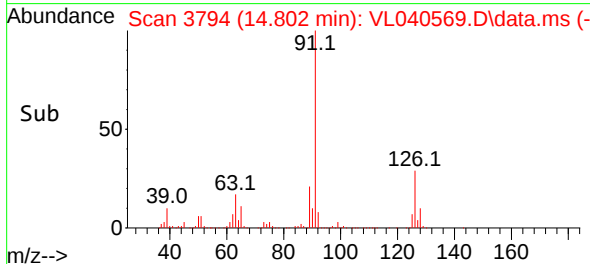
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



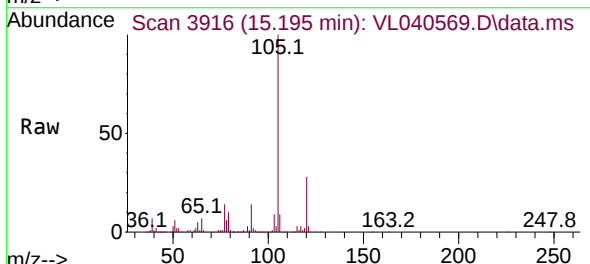
Tgt Ion: 91 Resp: 361613
Ion Ratio Lower Upper
91 100
126 30.2 12.4 49.8

Manual Integrations
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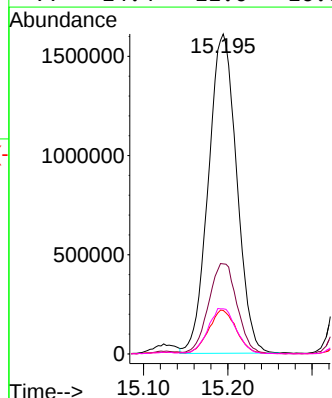
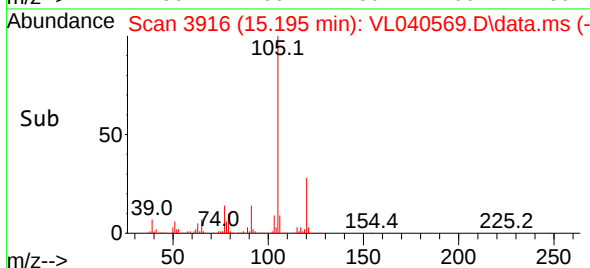
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

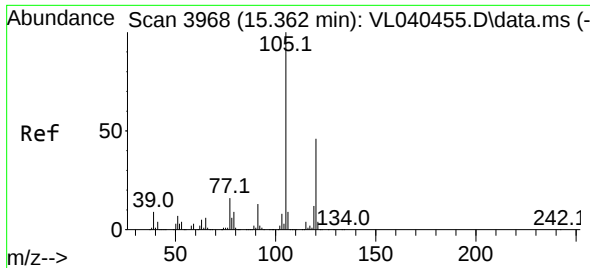


#72
4-Ethyltoluene
Concen: 11.191 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23



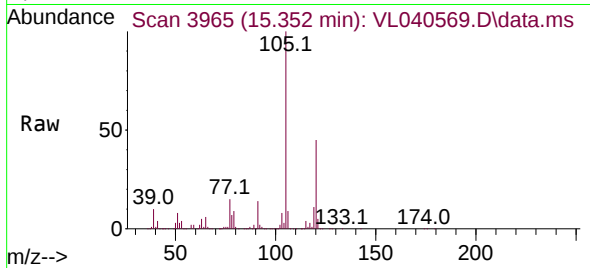
Tgt Ion:105 Resp: 3747668
Ion Ratio Lower Upper
105 100
120 28.7 24.6 37.0
91 13.4 10.7 16.1
77 14.4 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 10.943 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

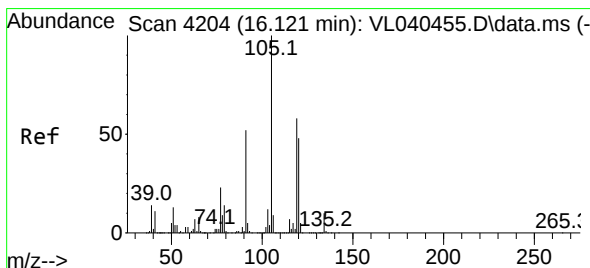
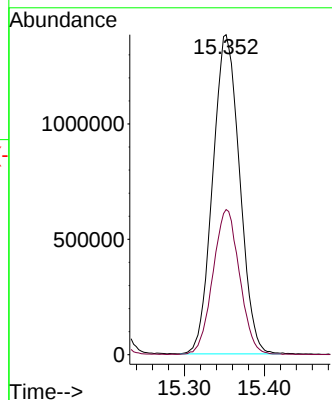
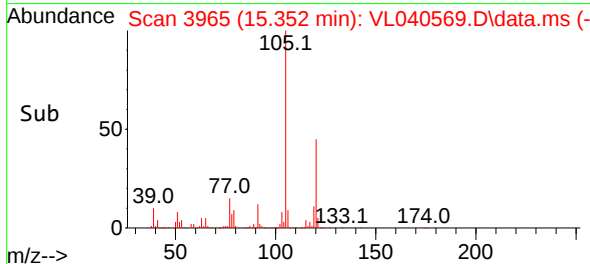
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



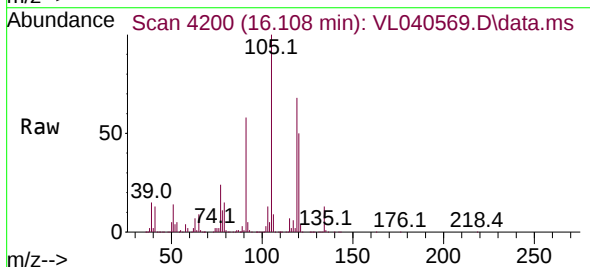
Tgt Ion:105 Resp: 323000
Ion Ratio Lower Upper
105 100
120 45.3 38.2 57.2

Manual Integrations
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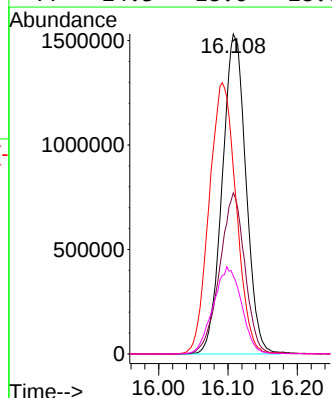
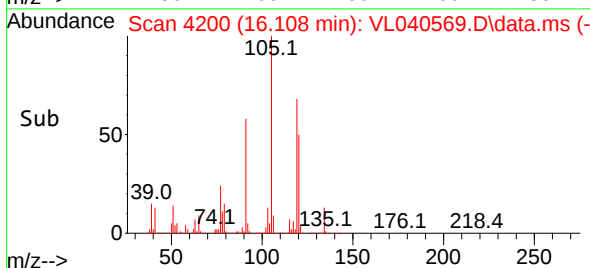
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

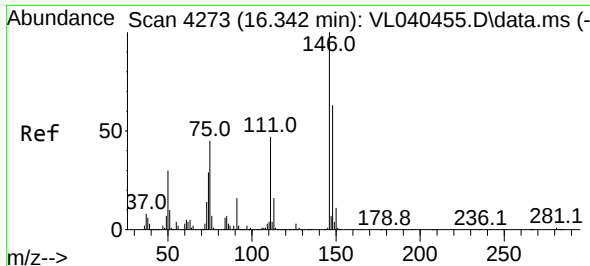


#74
1,2,4-Trimethylbenzene
Concen: 10.550 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23



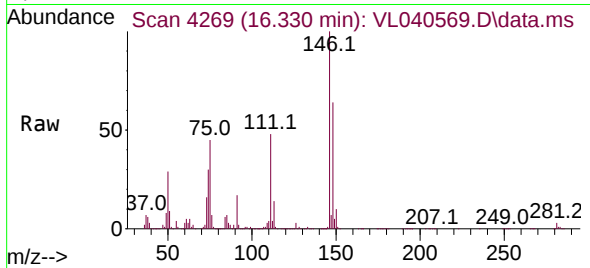
Tgt Ion:105 Resp: 3630780
Ion Ratio Lower Upper
105 100
120 50.3 40.3 60.5
91 57.6 46.8 70.2
77 24.3 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 9.984 ppbv
RT: 16.330 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

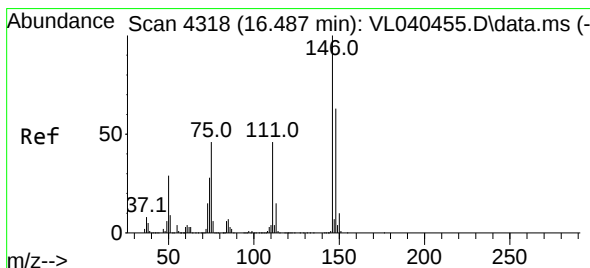
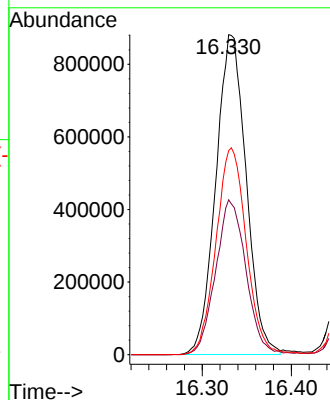
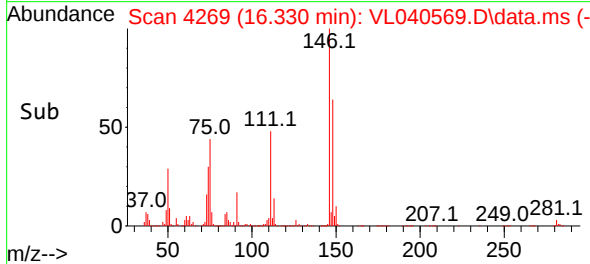
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 208313
Ion Ratio Lower Upper
146 100
111 48.7 23.6 71.0
148 64.9 32.2 96.6

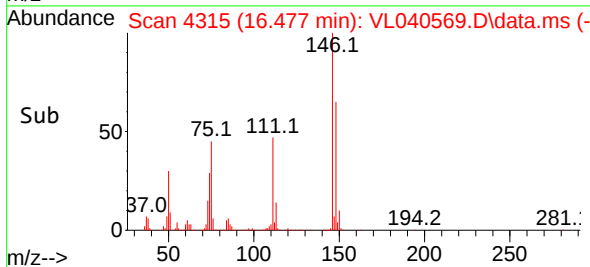
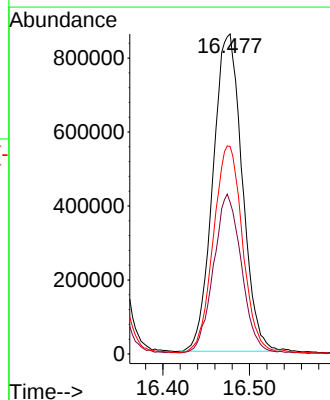
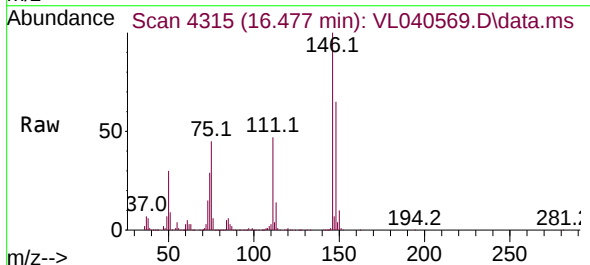
Manual Integrations
APPROVED

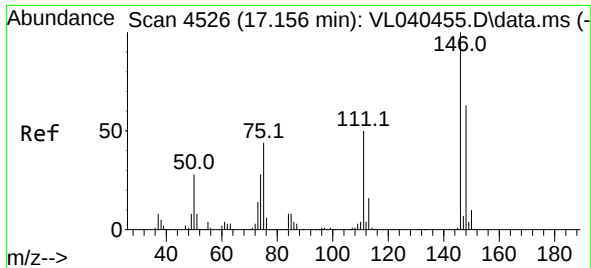
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#76
1,4-Dichlorobenzene
Concen: 9.824 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

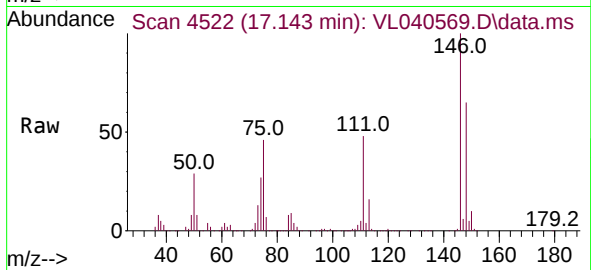
Tgt Ion:146 Resp: 2009934
Ion Ratio Lower Upper
146 100
111 48.8 22.8 68.3
148 66.6 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 9.985 ppbv
RT: 17.143 min Scan# 4526
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

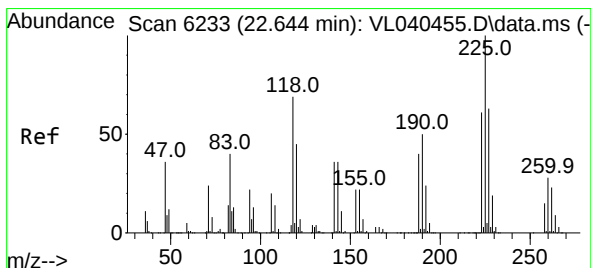
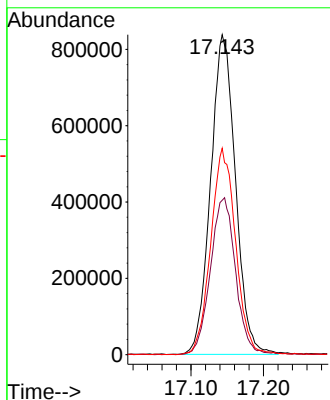
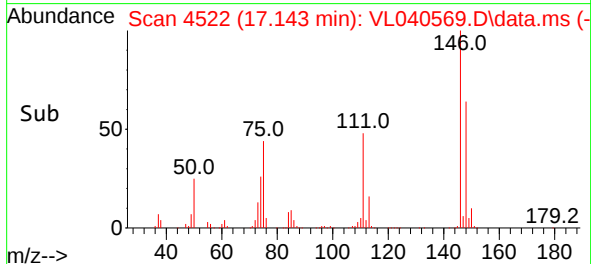
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



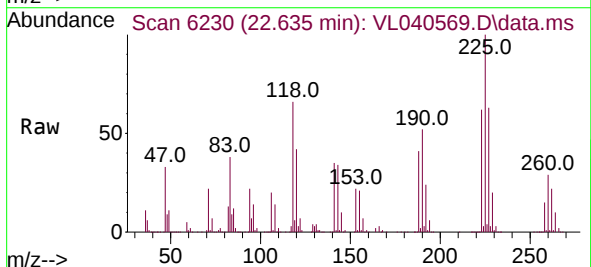
Tgt Ion:146 Resp: 199224
Ion Ratio Lower Upper
146 100
111 49.9 24.3 72.8
148 64.7 32.1 96.3

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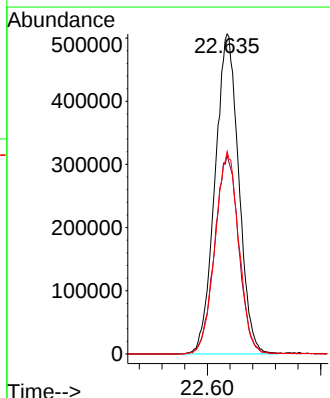
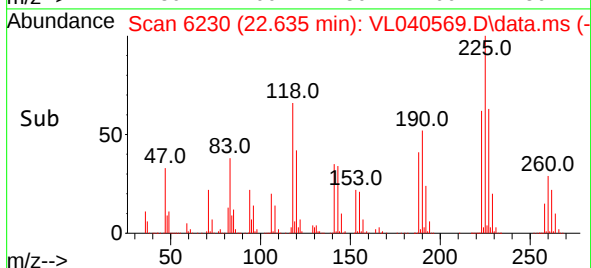
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

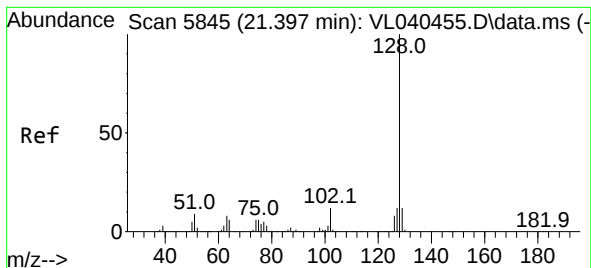


#78
Hexachloro-1,3-Butadiene
Concen: 7.871 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23



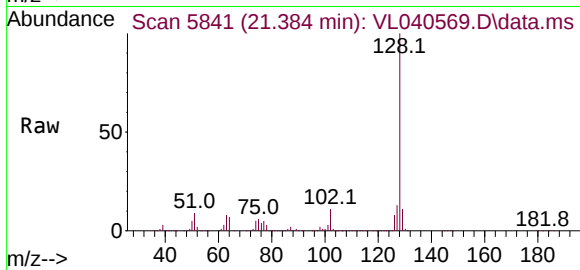
Tgt Ion:225 Resp: 1474810
Ion Ratio Lower Upper
225 100
223 62.8 50.3 75.5
227 63.5 51.0 76.6





#79
Naphthalene
Concen: 10.543 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23

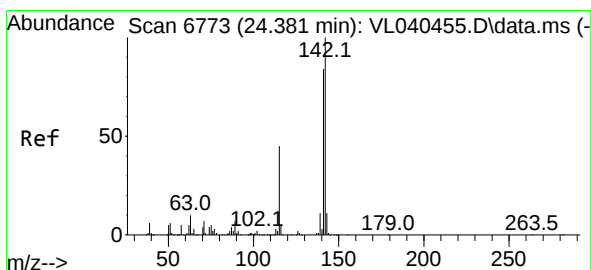
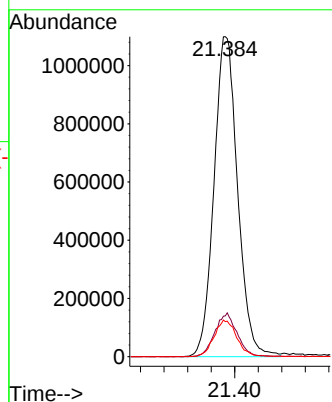
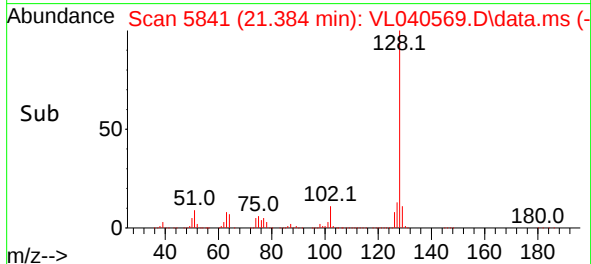
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



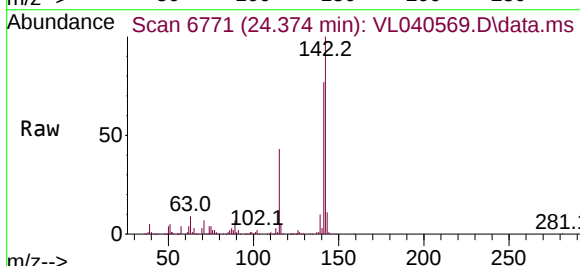
Tgt Ion:128 Resp: 306993
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.0 9.2 13.8

Manual Integrations
APPROVED

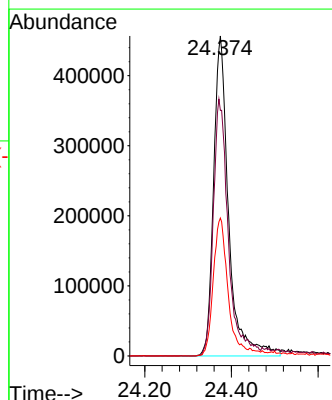
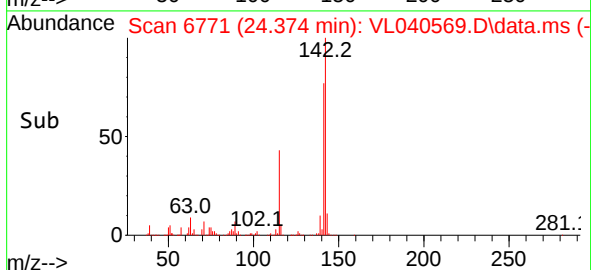
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

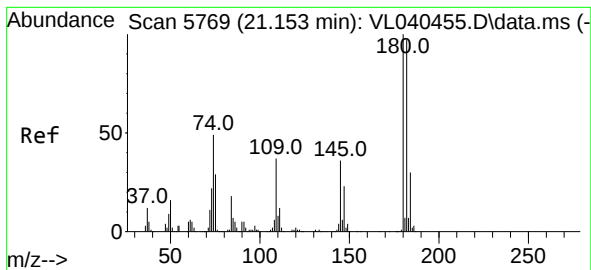


#80
Naphthalene,2-methyl-
Concen: 9.154 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.003 min
Lab File: VL040569.D
Acq: 31 Jul 2023 12:23



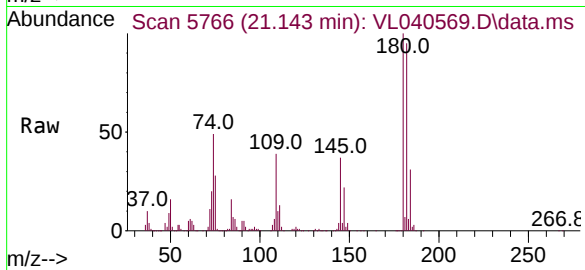
Tgt Ion:142 Resp: 1099068
Ion Ratio Lower Upper
142 100
141 83.2 66.7 100.1
115 45.4 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 8.782 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: VL040569.D
 Acq: 31 Jul 2023 12:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 176219

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.5	116.3
184	30.7	24.5	36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

