

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040048.D
 Acq On : 20 Dec 2022 8:13
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 09:04:08 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	923862	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.623	114	2769044	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2510272m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.748 95 1929852 10.064 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.703	85	1349065	7.801	ppbv	97
3) Chlorodifluoromethane	2.648	51	1148679	8.427	ppbv	98
4) Chloromethane	2.787	50	670853	7.855	ppbv	96
5) Vinyl Chloride	2.893	62	623865	9.028	ppbv	100
6) Bromomethane	3.092	94	258989	10.200	ppbv	95
7) Chloroethane	3.173	64	220007	8.438	ppbv	89
8) Dichlorotetrafluoroethane	2.832	85	1481551	8.143	ppbv	100
9) Propene	2.668	41	518739	8.967	ppbv	99
10) Heptane	7.549	43	1254180	8.900	ppbv	100
11) Trichlorofluoromethane	3.533	101	1543118	8.212	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.037	101	1160689	8.156	ppbv	97
13) Ethanol	3.218	45	33086m	6.967	ppbv	
14) Bromoethene	3.340	108	465127	8.679	ppbv	98
15) Acetone	3.439	43	1179673	8.254	ppbv	100
16) 1,3-Butadiene	2.957	39	550882	8.868	ppbv	96
17) tert-Butyl alcohol	3.848	59	1283604	9.174	ppbv	100
18) 1,1-Dichloroethene	3.851	96	509928	8.232	ppbv	96
19) Isopropyl Alcohol	3.546	45	569743	8.089	ppbv #	32
20) Methylene Chloride	3.902	84	450048	7.408	ppbv	96
21) Allyl Chloride	3.967	41	766751	8.928	ppbv	99
22) trans-1,2-Dichloroethene	4.417	96	532581	8.626	ppbv	97
23) Vinyl Acetate	4.591	43	215649	4.758	ppbv	99
24) 1,1-Dichloroethane	4.533	63	1117973	8.402	ppbv	98
25) Ethyl Acetate	5.172	43	2335763	9.437	ppbv	99
26) Hexane	5.182	57	895048	8.604	ppbv	88
27) Carbon Disulfide	4.095	76	1255980	9.572	ppbv	99
28) Methyl tert-Butyl Ether	4.555	73	1059677	8.643	ppbv	100
29) Chloroform	5.243	83	1287541	8.111	ppbv	97
30) Cyclohexane	6.571	84	865920	9.399	ppbv	94
31) cis-1,2-Dichloroethene	5.047	61	851713	8.597	ppbv	97
32) 1,1,1-Trichloroethane	5.973	97	1559146	9.146	ppbv	99
34) 2-Butanone	4.754	43	1261476	8.631	ppbv	98
35) Carbon Tetrachloride	6.462	117	1596812	9.270	ppbv	97
36) Benzene	6.340	78	2114219	8.549	ppbv	98
37) 1,2-Dichloroethane	5.774	62	1169131	8.059	ppbv	100
38) Trichloroethene	7.259	130	976917	7.645	ppbv	99
39) 1,2-Dichloropropane	7.044	63	800999	8.641	ppbv	98
40) 1,4-Dioxane	7.259	88	346376	8.239	ppbv	86
41) Tetrahydrofuran	5.526	42	823112	9.066	ppbv	99
42) Bromodichloromethane	7.217	83	1729016	8.716	ppbv	96
43) Methyl Methacrylate	7.442	69	871429	9.389	ppbv	98
44) 2,2,4-Trimethylpentane	7.295	57	3459841	8.498	ppbv	99
45) t-1,3-Dichloropropene	8.680	75	695974	8.874	ppbv	97

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2022

QLast Update : Tue Dec 20 04:50:21 2022

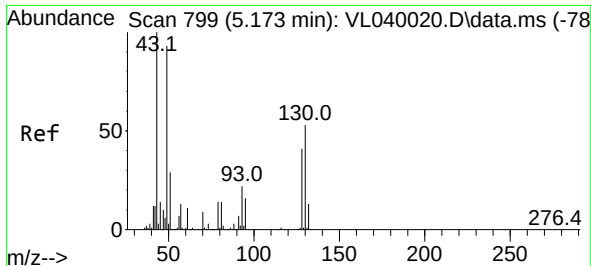
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.111	75	975821	8.820	ppbv	99
47) 1,1,2-Trichloroethane	8.867	97	872388	8.602	ppbv	99
48) Dibromochloromethane	9.677	129	1426071	9.226	ppbv	100
49) Bromoform	12.378	173	1143014	9.707	ppbv	99
50) 4-Methyl-2-Pentanone	8.150	43	2115162	8.619	ppbv	100
51) 2-Hexanone	9.523	43	1640047	8.618	ppbv #	100
52) Tetrachloroethene	10.584	164	708266	8.369	ppbv	97
53) Toluene	9.192	91	2390938	8.732	ppbv	98
54) 1,2-Dibromoethane	9.979	107	1100175	10.132	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.481	131	1074059	9.270	ppbv	98
57) Chlorobenzene	11.497	112	1796102	8.429	ppbv	96
58) Ethyl Benzene	12.060	91	3205526	8.988	ppbv	97
59) m/p-Xylene	12.343	91	5345392m	17.207	ppbv	
60) o-Xylene	13.031	91	2542455	8.546	ppbv	99
61) Styrene	12.870	104	1486477	9.369	ppbv	99
62) Isopropylbenzene	14.002	105	3873910	9.027	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.018	83	1416175	12.936	ppbv	99
64) n-propylbenzene	14.889	120	999686	9.253	ppbv	90
65) tert-Butylbenzene	16.063	119	3362524	9.023	ppbv	99
66) Benzyl Chloride	16.301	91	157582m	8.312	ppbv	
67) sec-Butylbenzene	16.609	105	4691514	8.976	ppbv	98
69) p-Isopropyltoluene	16.969	119	3742787	8.965	ppbv	99
70) n-Butylbenzene	17.860	91	3872414	8.878	ppbv	97
71) 2-Chlorotoluene	14.773	91	2877121	8.787	ppbv	98
72) 4-Ethyltoluene	15.162	105	2914045	8.816	ppbv	99
73) 1,3,5-Trimethylbenzene	15.323	105	2576736	8.618	ppbv	99
74) 1,2,4-Trimethylbenzene	16.082	105	2752017	8.376	ppbv	95
75) 1,3-Dichlorobenzene	16.304	146	1483603	8.269	ppbv	99
76) 1,4-Dichlorobenzene	16.445	146	1442522	8.144	ppbv	98
77) 1,2-Dichlorobenzene	17.117	146	1454597	8.429	ppbv	99
78) Hexachloro-1,3-Butadiene	22.599	225	914145m	7.663	ppbv	
79) Naphthalene	21.358	128	1799037	9.217	ppbv	97
80) Naphthalene,2-methyl-	24.358	142	350783	6.263	ppbv	96
81) 1,2,4-Trichlorobenzene	21.108	180	943870	8.166	ppbv	99

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

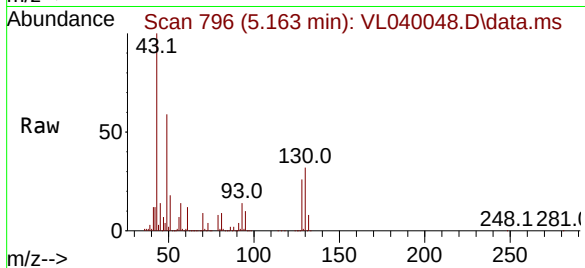
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

[illegible]



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 799
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

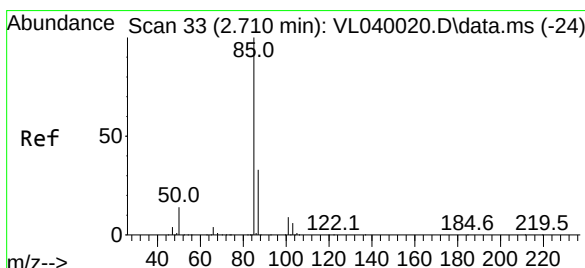
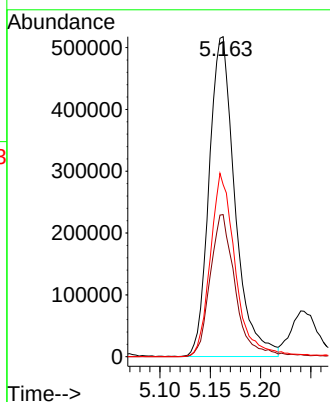
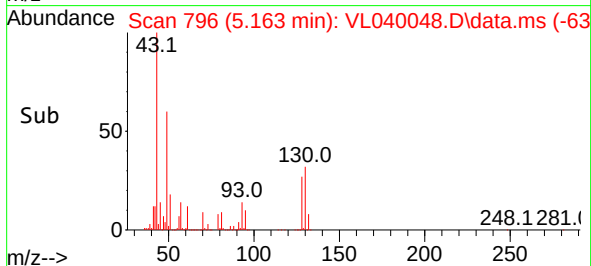
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 923862
Ion Ratio Lower Upper
49 100
128 44.0 22.1 66.3
130 56.9 27.7 83.1

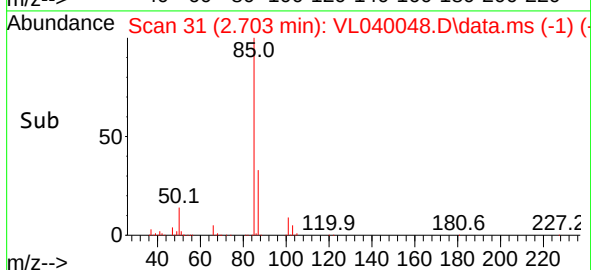
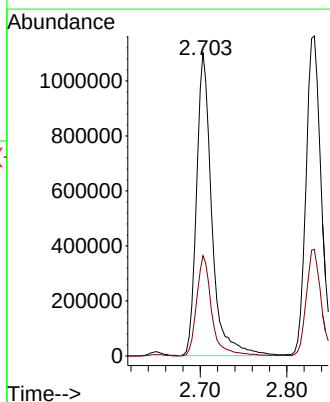
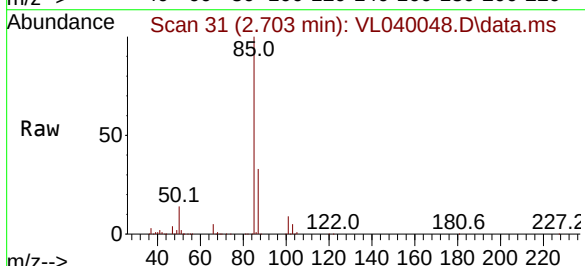
Manual Integrations
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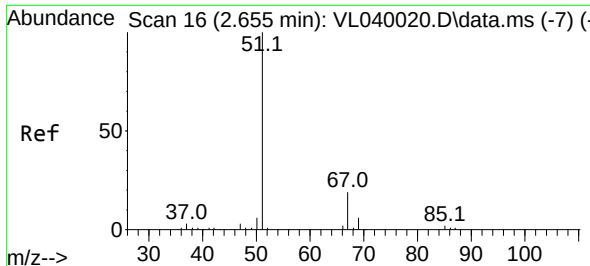
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#2
Dichlorodifluoromethane
Concen: 7.801 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

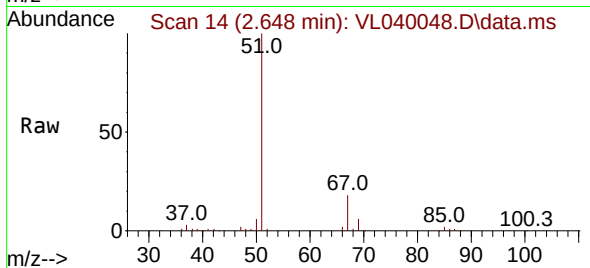
Tgt Ion: 85 Resp: 1349065
Ion Ratio Lower Upper
85 100
87 33.1 25.0 37.4





#3
Chlorodifluoromethane
Concen: 8.427 ppbv
RT: 2.648 min Scan# 14
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

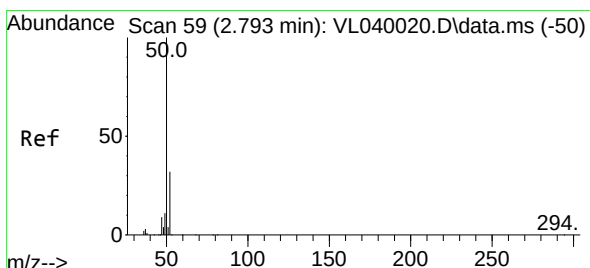
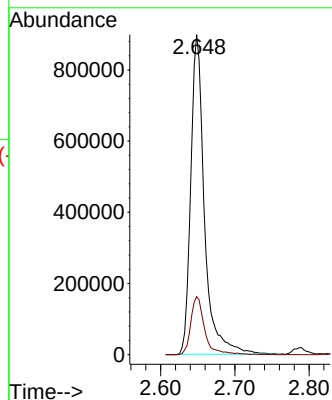
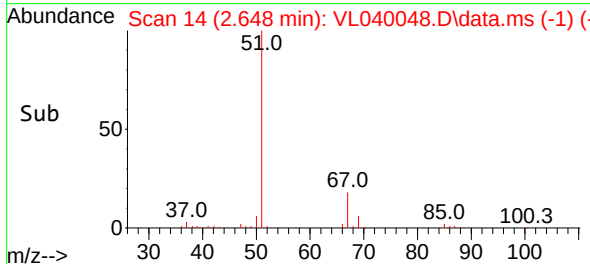
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1148679
Ion Ratio Lower Upper
51 100
67 18.5 14.2 21.4

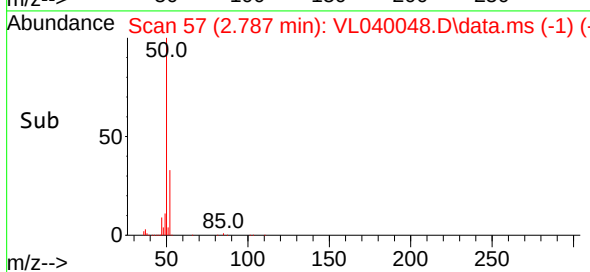
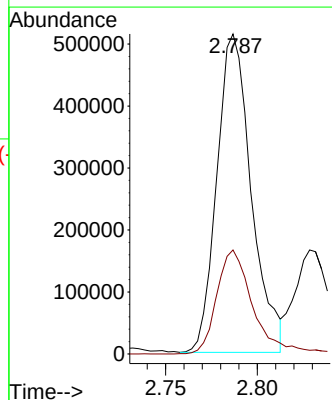
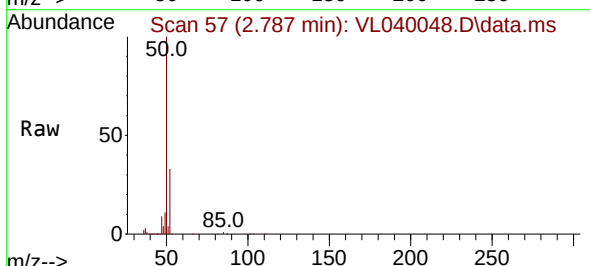
Manual Integrations
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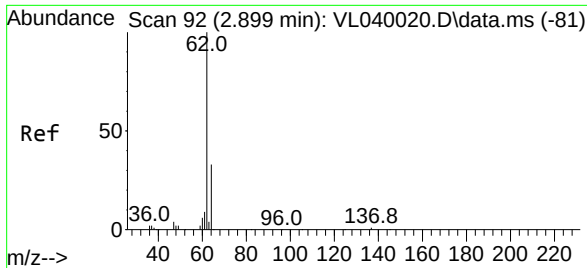
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#4
Chloromethane
Concen: 7.855 ppbv
RT: 2.787 min Scan# 57
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

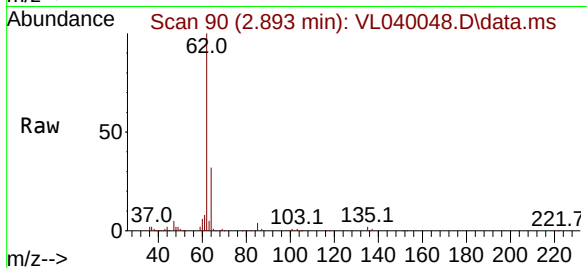
Tgt Ion: 50 Resp: 670853
Ion Ratio Lower Upper
50 100
52 32.6 27.8 41.8





#5
 Vinyl Chloride
 Concen: 9.028 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. 0.007 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

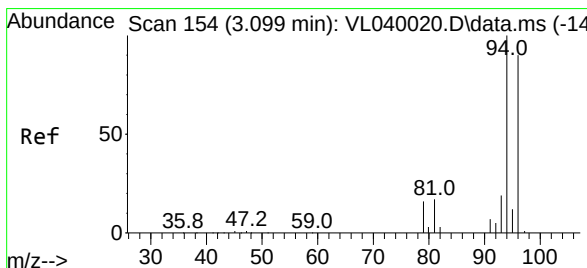
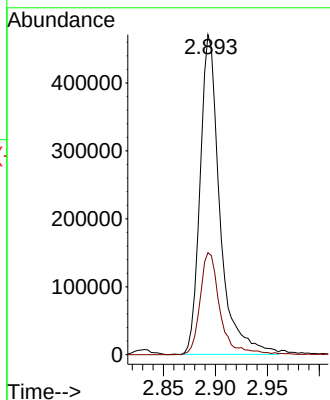
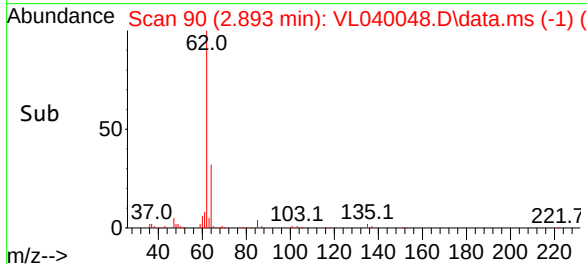
Instrument :
 MSVOA_L
 ClientSampleId :
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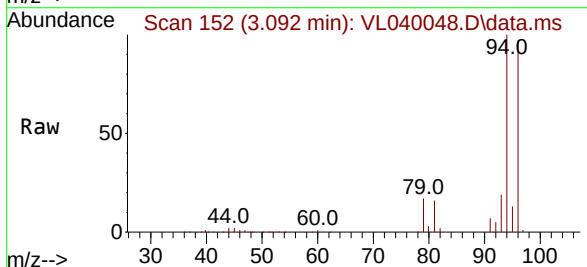
Tgt Ion: 62 Resp: 62386
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.7 38.5

Manual Integrations
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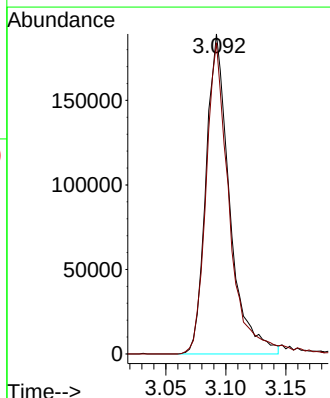
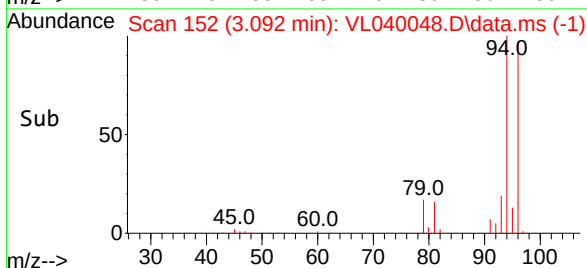
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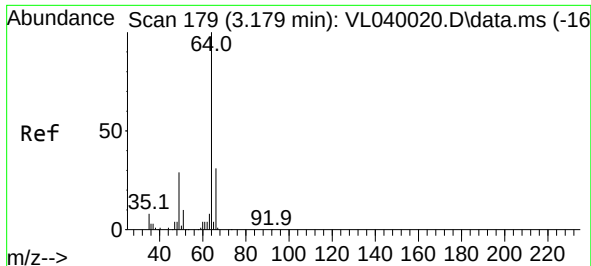


#6
 Bromomethane
 Concen: 10.200 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. 0.007 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13



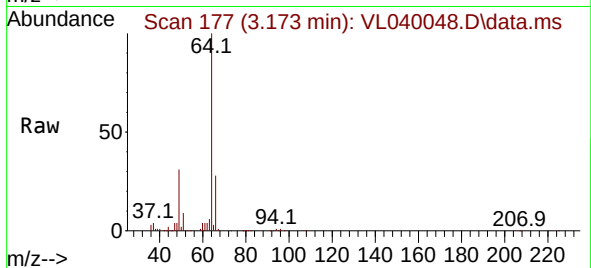
Tgt Ion: 94 Resp: 258989
 Ion Ratio Lower Upper
 94 100
 96 97.3 73.7 110.5





#7
Chloroethane
Concen: 8.438 ppbv
RT: 3.173 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

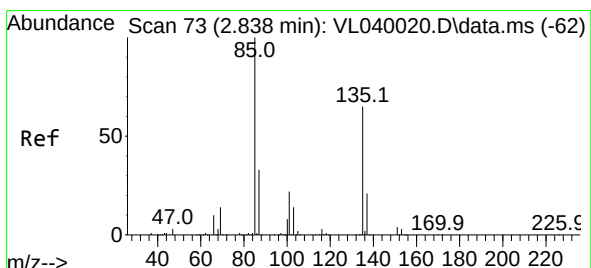
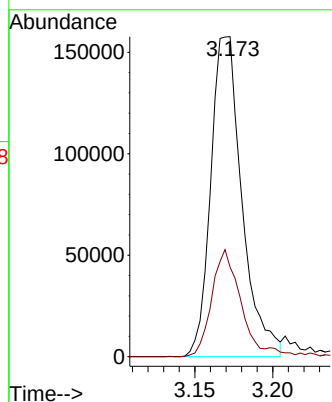
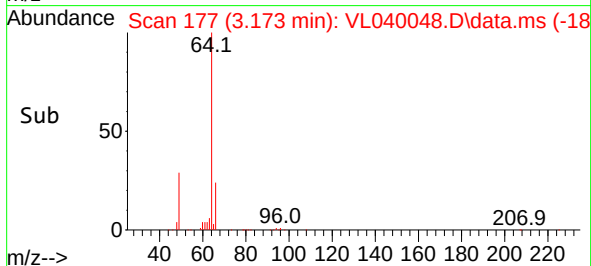
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 22000
Ion Ratio Lower Upper
64 100
66 27.9 27.3 40.9

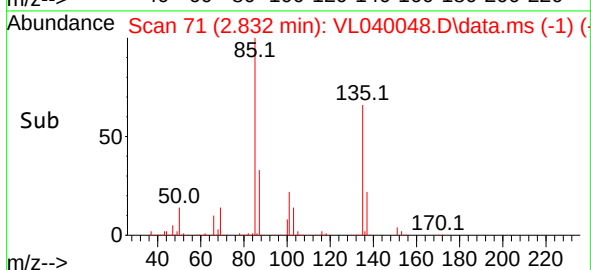
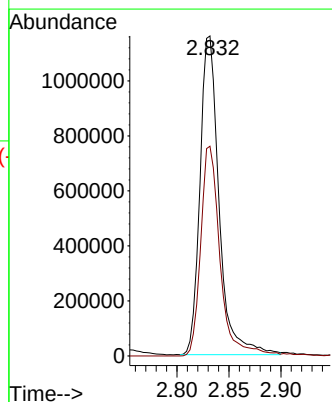
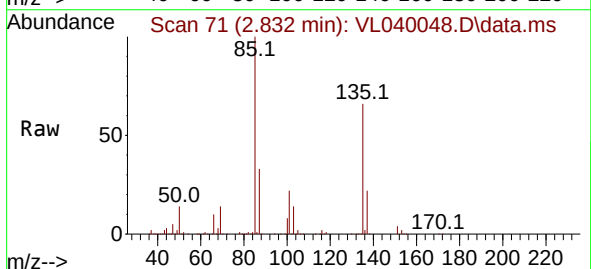
Manual Integrations
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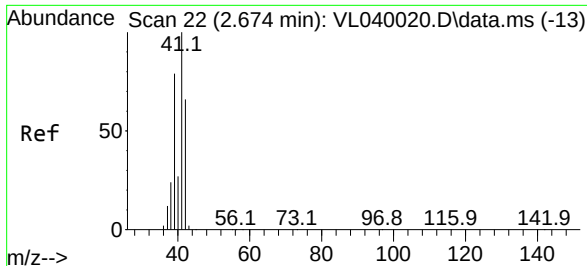
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#8
Dichlorotetrafluoroethane
Concen: 8.143 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 85 Resp: 1481551
Ion Ratio Lower Upper
85 100
135 67.8 54.1 81.1





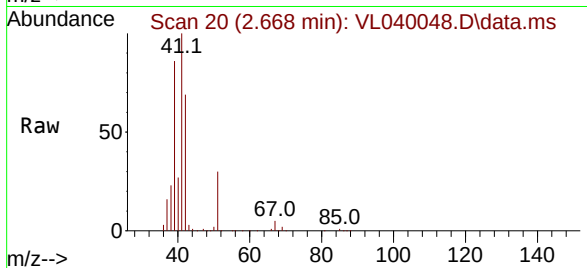
#9
 Propene
 Concen: 8.967 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. 0.007 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

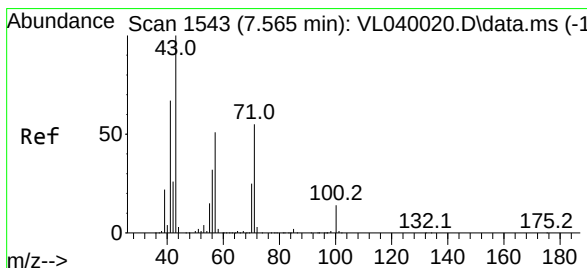
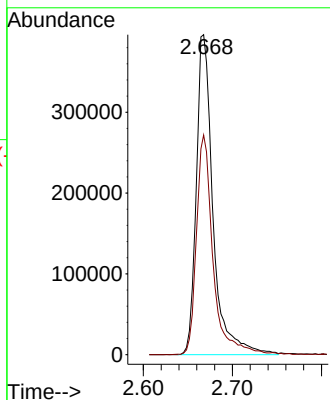
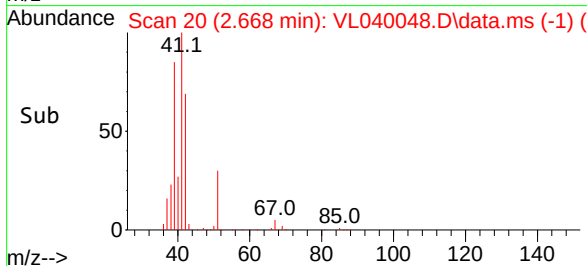
VSTDCCC010EC



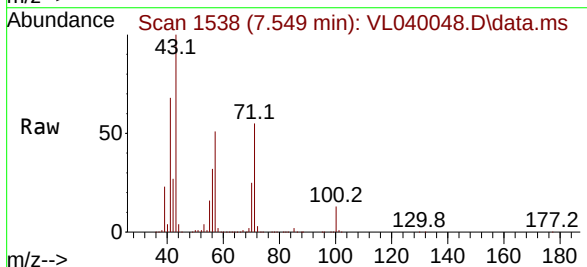
Tgt Ion: 41 Resp: 518739
 Ion Ratio Lower Upper
 41 100
 42 68.5 55.8 83.6

Manual Integrations
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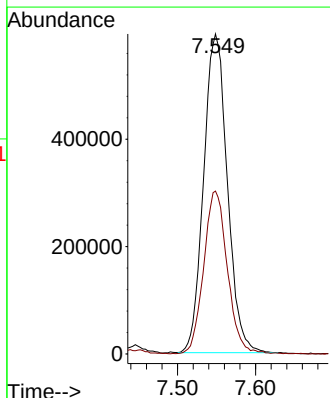
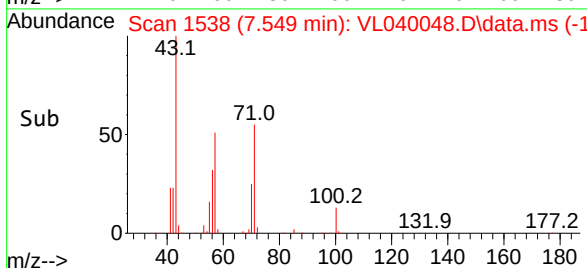
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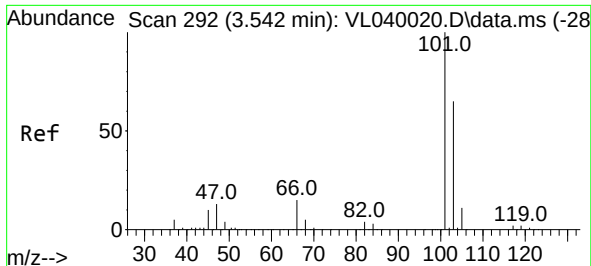


#10
 Heptane
 Concen: 8.900 ppbv
 RT: 7.549 min Scan# 1538
 Delta R.T. 0.003 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13



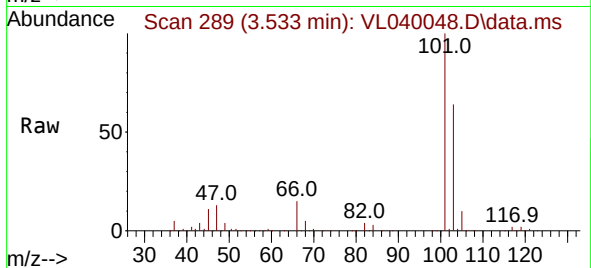
Tgt Ion: 43 Resp: 1254180
 Ion Ratio Lower Upper
 43 100
 57 51.1 40.7 61.1





#11
 Trichlorofluoromethane
 Concen: 8.212 ppbv
 RT: 3.533 min Scan# 292
 Delta R.T. 0.003 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

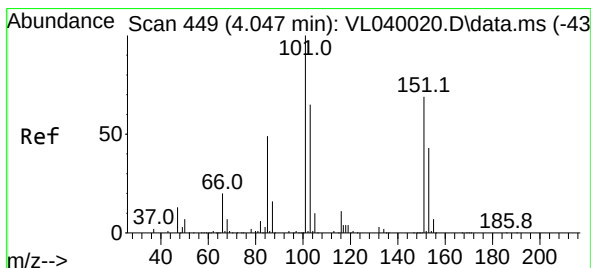
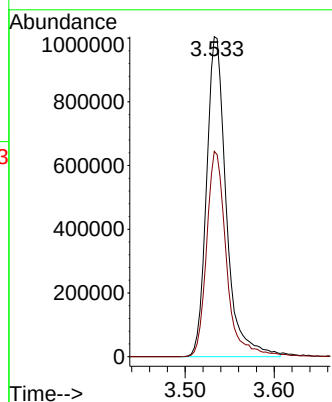
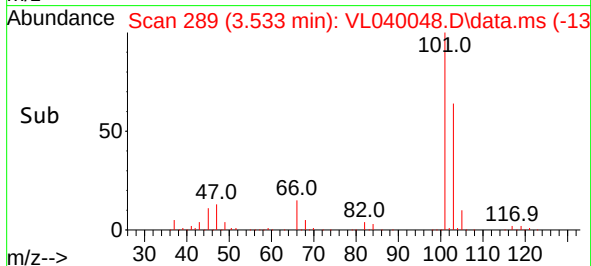
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



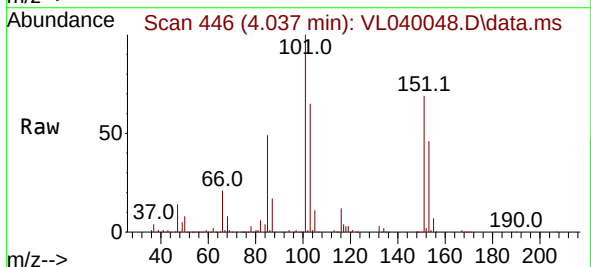
Tgt Ion:101 Resp: 1543118
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.6 78.8

Manual Integrations
 APPROVED

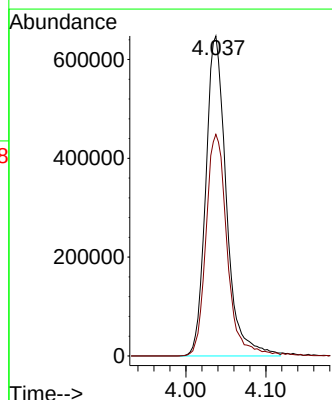
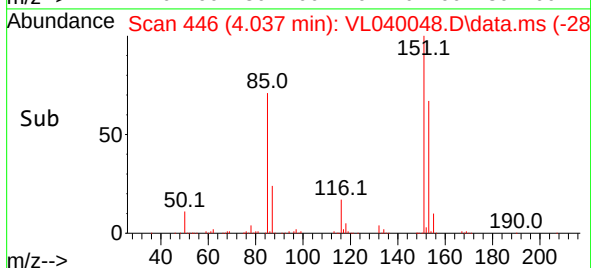
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

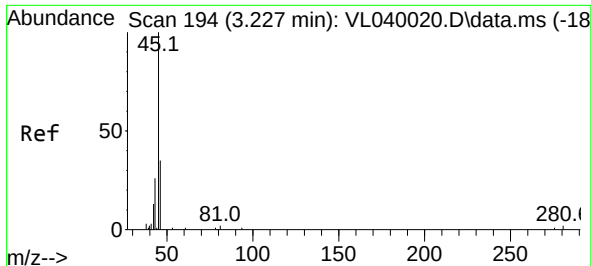


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.156 ppbv
 RT: 4.037 min Scan# 446
 Delta R.T. 0.007 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13



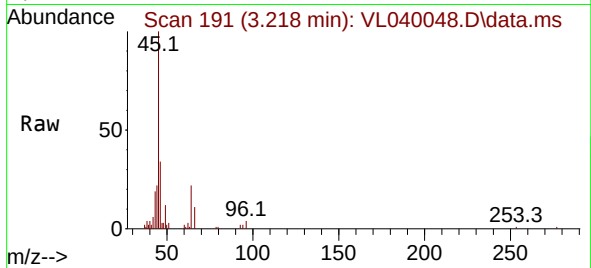
Tgt Ion:101 Resp: 1160689
 Ion Ratio Lower Upper
 101 100
 151 71.7 59.6 89.4





#13
Ethanol
Concen: 6.967 ppbv m
RT: 3.218 min Scan# 194
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

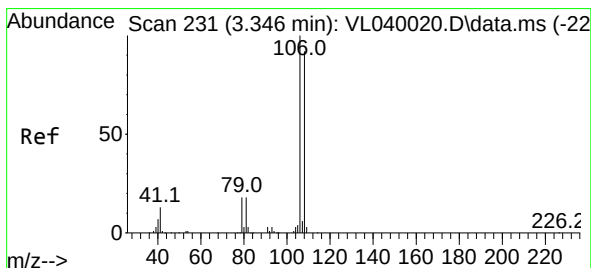
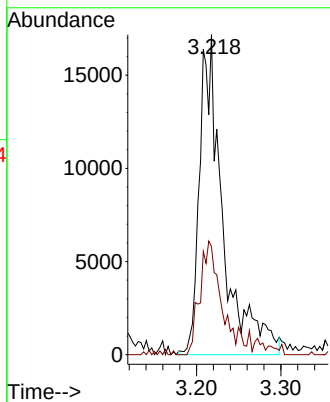
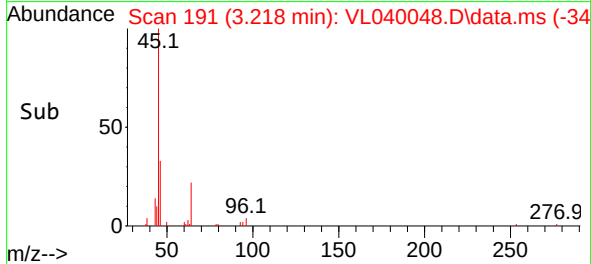
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



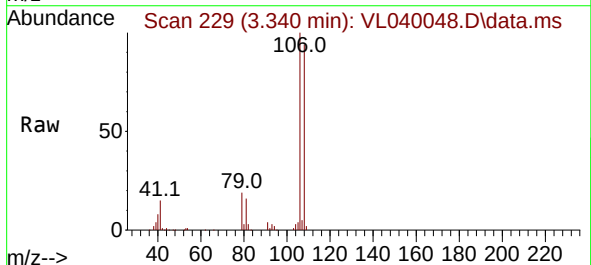
Tgt Ion: 45 Resp: 33080
Ion Ratio Lower Upper
45 100
46 37.7 14.6 58.2

Manual Integrations
APPROVED

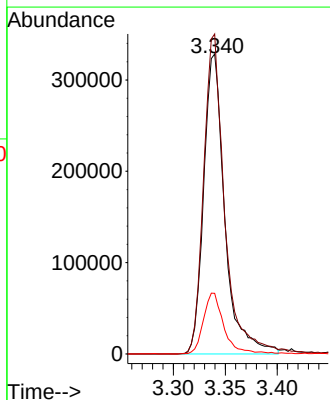
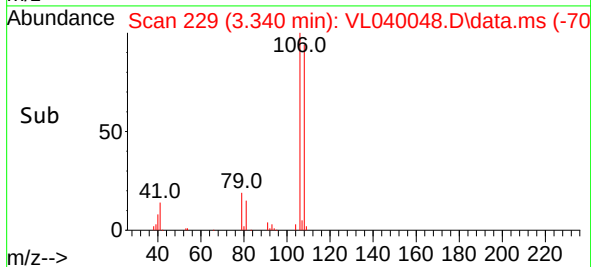
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

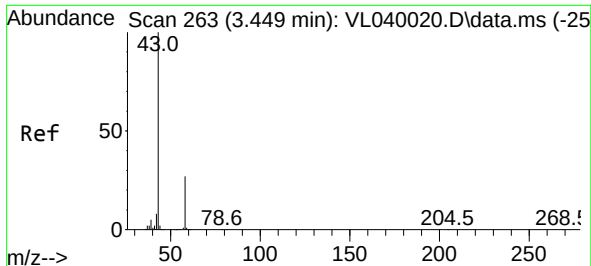


#14
Bromoethene
Concen: 8.679 ppbv
RT: 3.340 min Scan# 229
Delta R.T. 0.010 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13



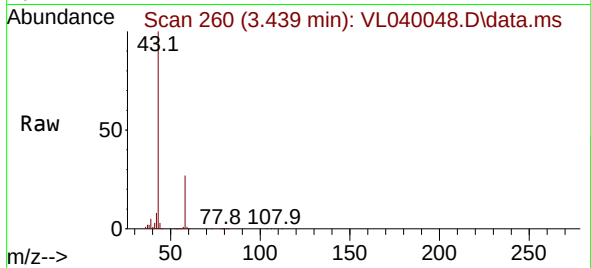
Tgt Ion:108 Resp: 465127
Ion Ratio Lower Upper
108 100
106 107.3 87.3 130.9
79 20.2 15.9 23.9





#15
Acetone
Concen: 8.254 ppbv
RT: 3.439 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

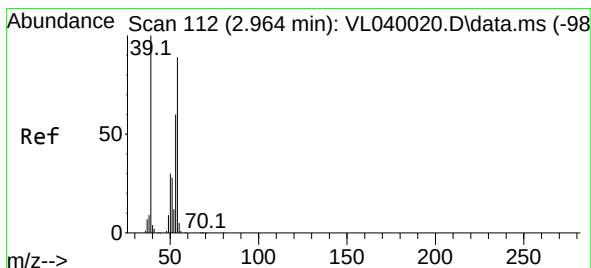
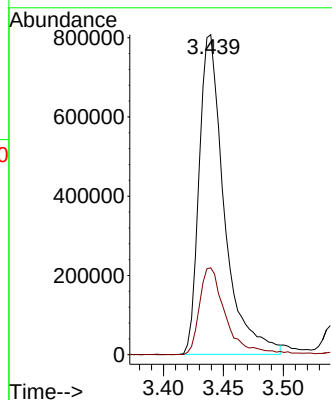
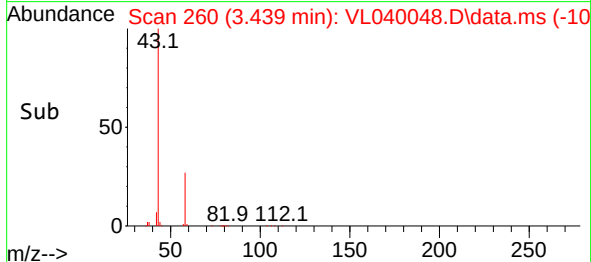
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 117967
Ion Ratio Lower Upper
43 100
58 28.7 22.9 34.3

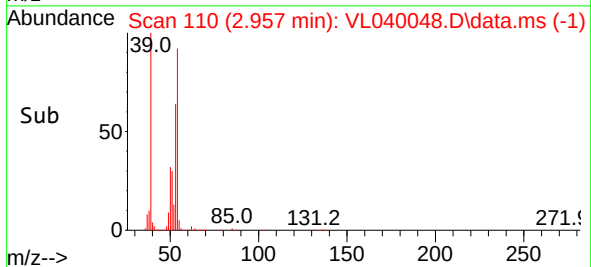
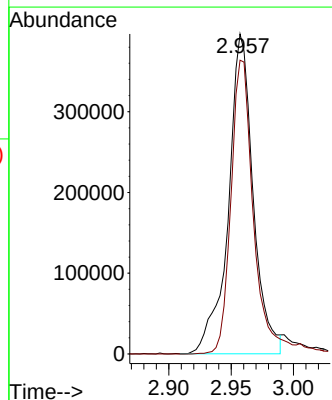
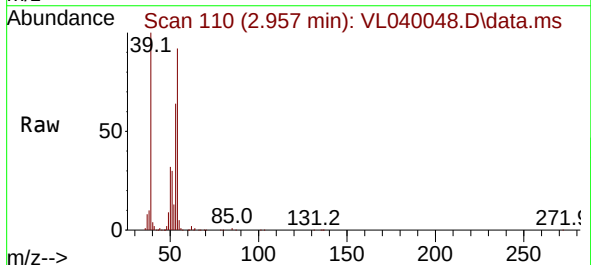
Manual Integrations
APPROVED

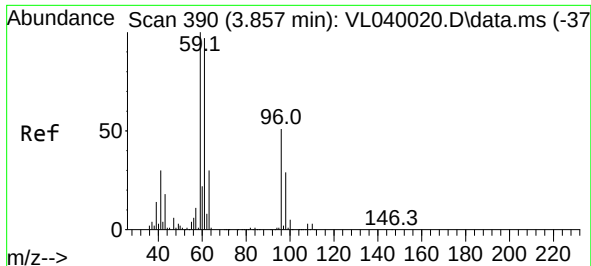
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
1,3-Butadiene
Concen: 8.868 ppbv
RT: 2.957 min Scan# 110
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 39 Resp: 550882
Ion Ratio Lower Upper
39 100
54 86.4 66.6 99.8





#17

tert-Butyl alcohol

Concen: 9.174 ppbv

RT: 3.848 min Scan# 387

Delta R.T. 0.003 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 1283604

Ion Ratio Lower Upper

59 100

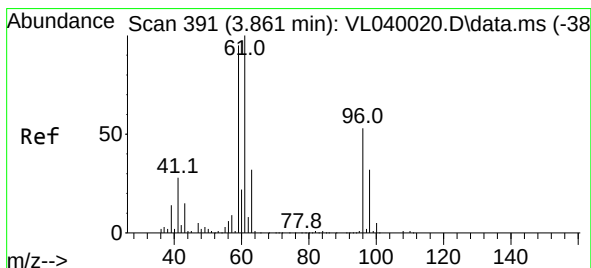
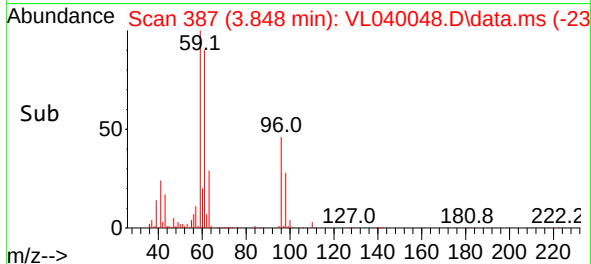
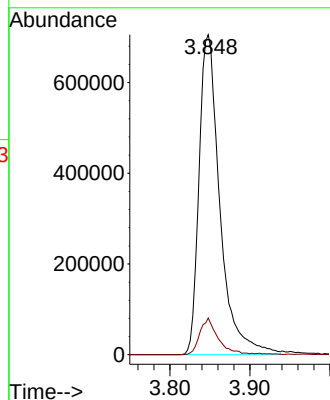
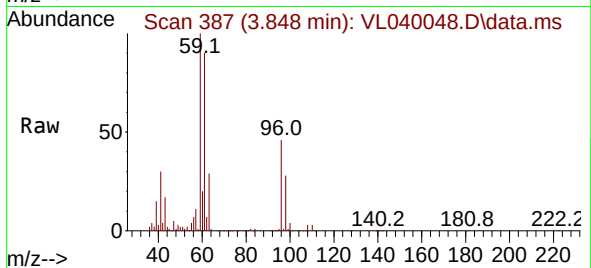
57 10.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#18

1,1-Dichloroethene

Concen: 8.232 ppbv

RT: 3.851 min Scan# 388

Delta R.T. 0.007 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

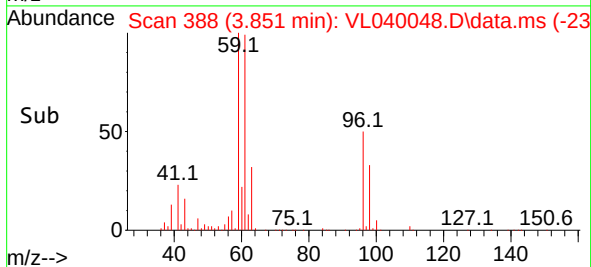
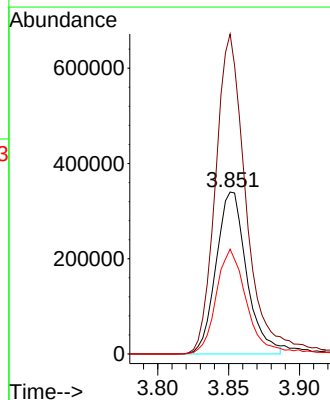
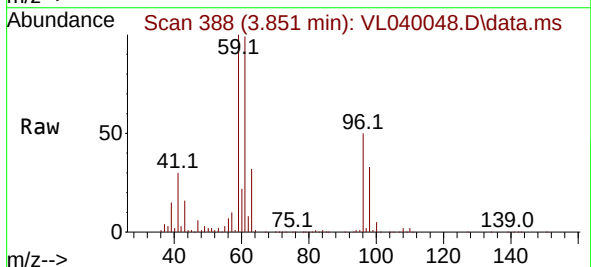
Tgt Ion: 96 Resp: 509928

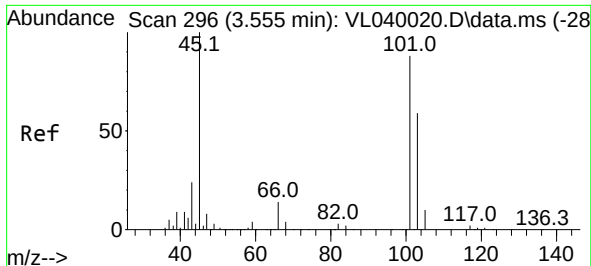
Ion Ratio Lower Upper

96 100

61 197.5 153.4 230.2

98 64.7 48.9 73.3





#19

Isopropyl Alcohol

Concen: 8.089 ppbv

RT: 3.546 min Scan# 296

Delta R.T. 0.003 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 56974

Ion Ratio Lower Upper

45 100

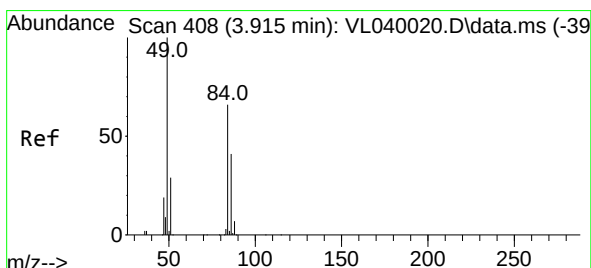
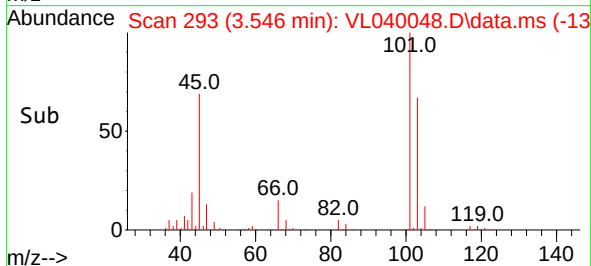
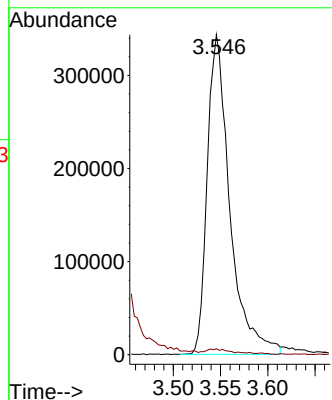
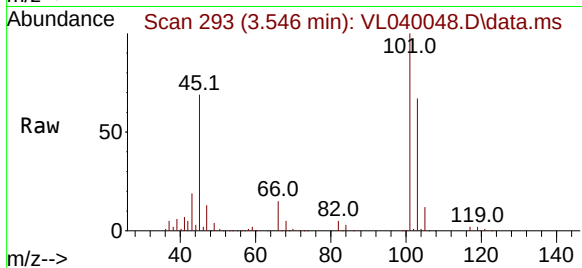
58 2.3 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#20

Methylene Chloride

Concen: 7.408 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.007 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Tgt Ion: 84 Resp: 450048

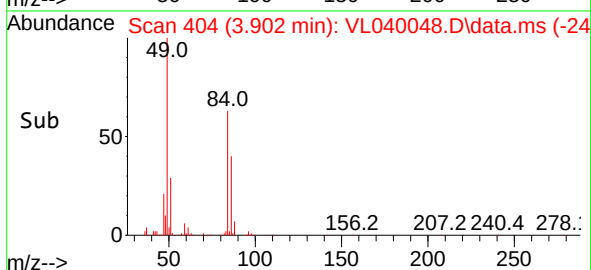
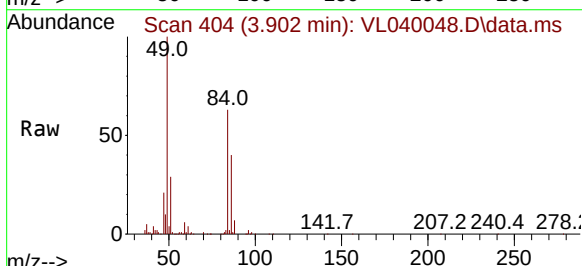
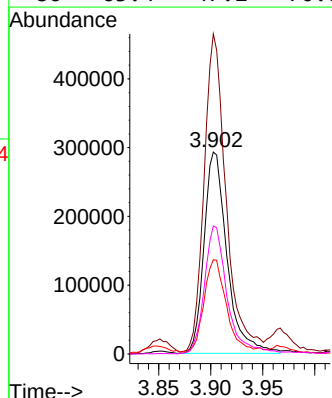
Ion Ratio Lower Upper

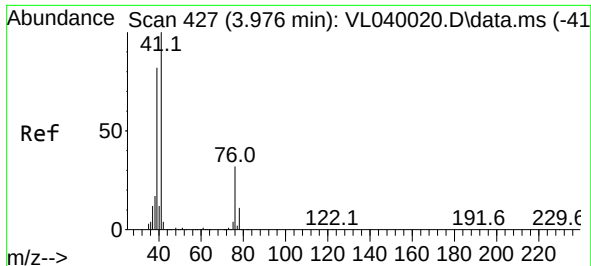
84 100

49 158.1 122.2 183.4

51 45.7 36.3 54.5

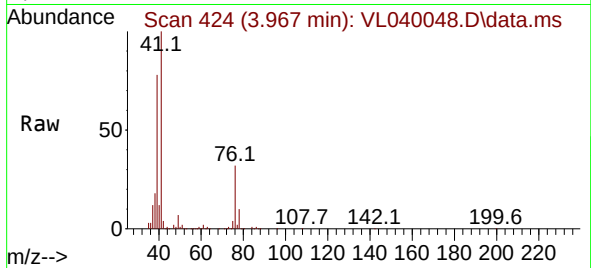
86 63.4 47.2 70.8





#21
 Allyl Chloride
 Concen: 8.928 ppbv
 RT: 3.967 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

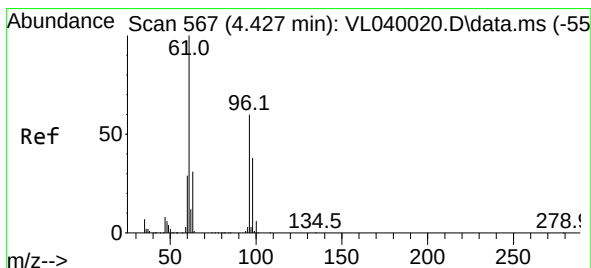
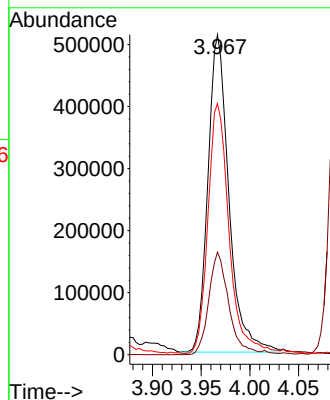
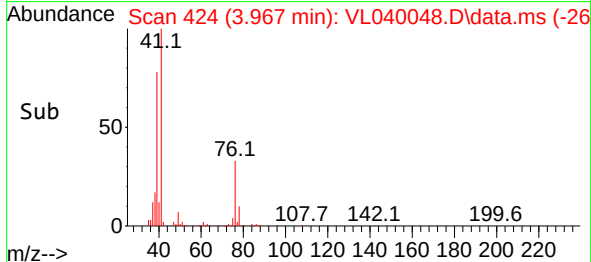
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



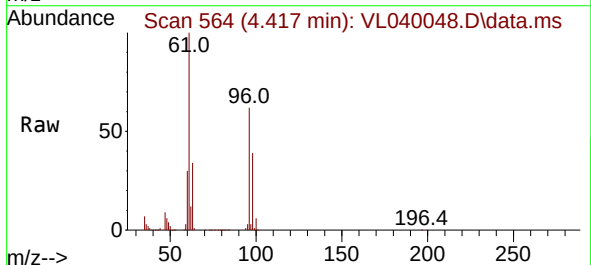
Tgt Ion: 41 Resp: 76675
 Ion Ratio Lower Upper
 41 100
 76 31.4 25.6 38.4
 39 80.1 65.2 97.8

Manual Integrations
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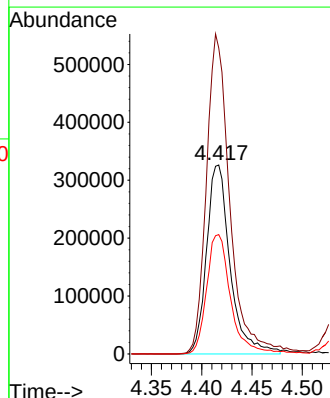
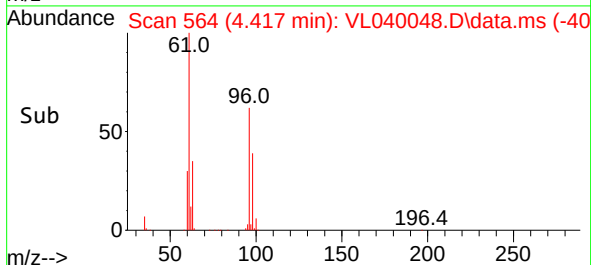
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

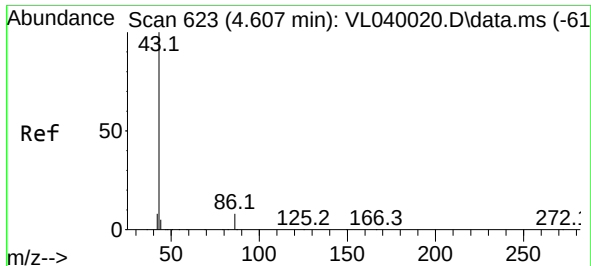


#22
 trans-1,2-Dichloroethene
 Concen: 8.626 ppbv
 RT: 4.417 min Scan# 564
 Delta R.T. 0.007 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13



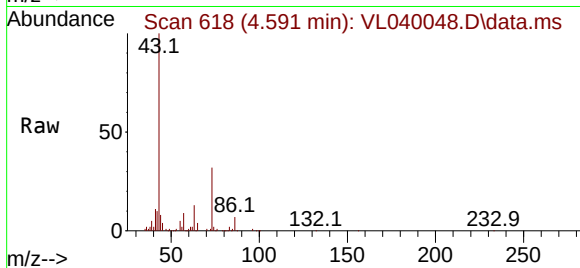
Tgt Ion: 96 Resp: 532581
 Ion Ratio Lower Upper
 96 100
 61 161.7 134.1 201.1
 98 63.2 50.4 75.6





#23
 Vinyl Acetate
 Concen: 4.758 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. -0.003 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

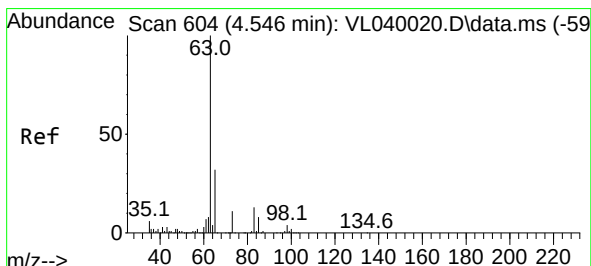
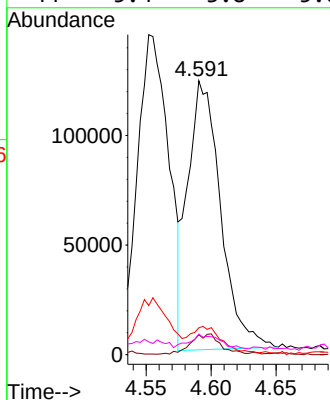
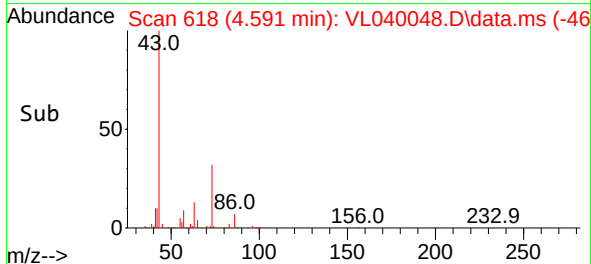
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



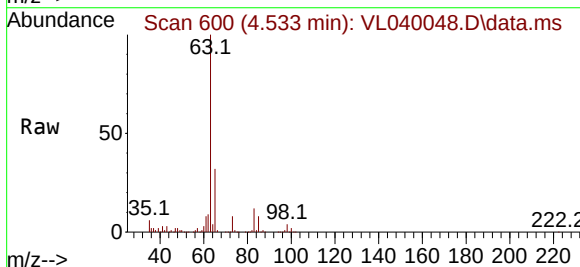
Tgt Ion: 43 Resp: 215649
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.0 7.4
 42 9.6 7.6 11.4
 44 5.4 3.8 5.6

Manual Integrations
 APPROVED

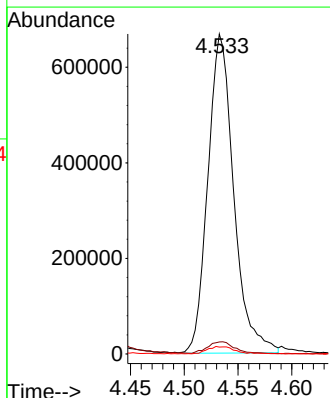
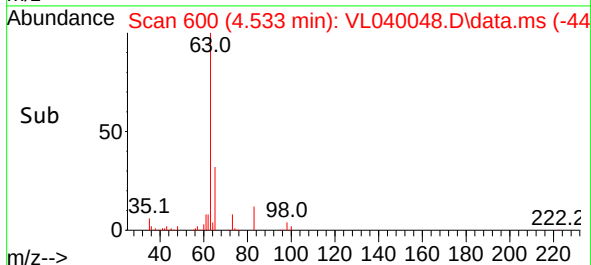
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

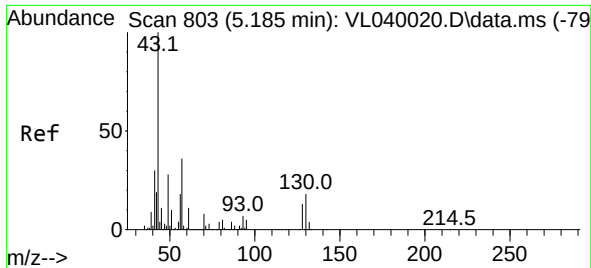


#24
 1,1-Dichloroethane
 Concen: 8.402 ppbv
 RT: 4.533 min Scan# 600
 Delta R.T. 0.003 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13



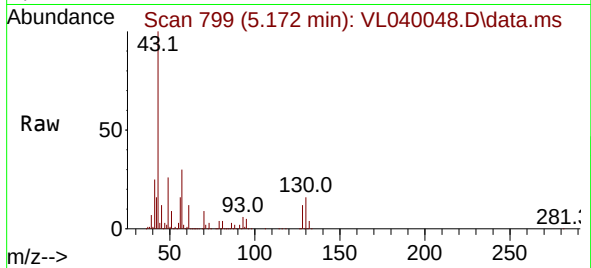
Tgt Ion: 63 Resp: 1117973
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.1 6.5
 100 2.1 1.1 3.5





#25
Ethyl Acetate
Concen: 9.437 ppbv
RT: 5.172 min Scan# 799
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

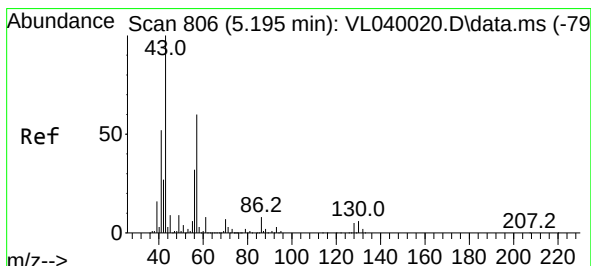
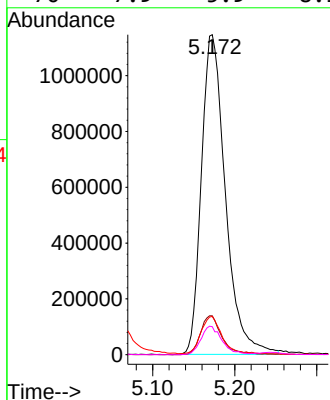
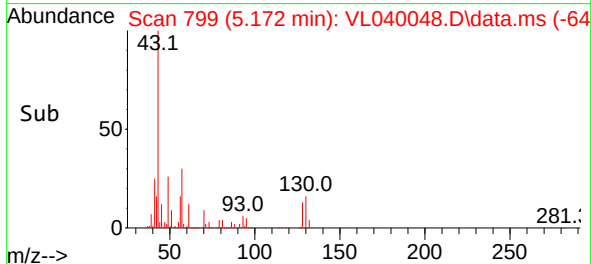
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 233576
Ion Ratio Lower Upper
43 100
45 11.1 8.4 12.6
61 11.0 8.5 12.7
70 7.9 5.9 8.9

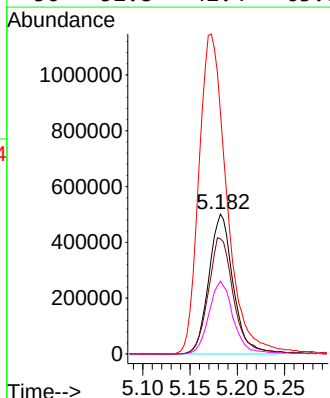
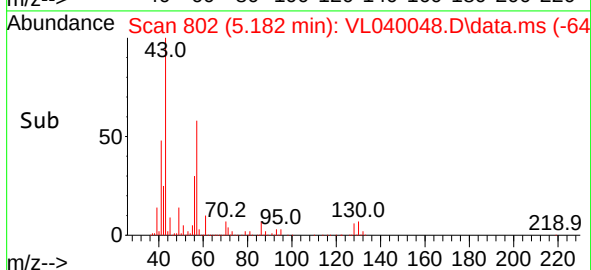
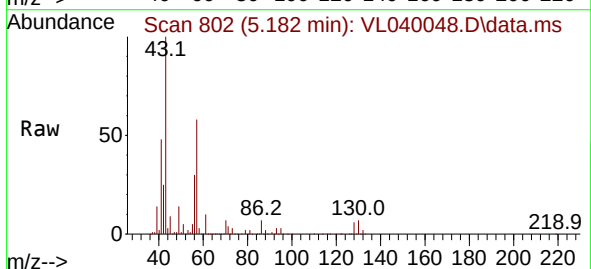
Manual Integrations
APPROVED

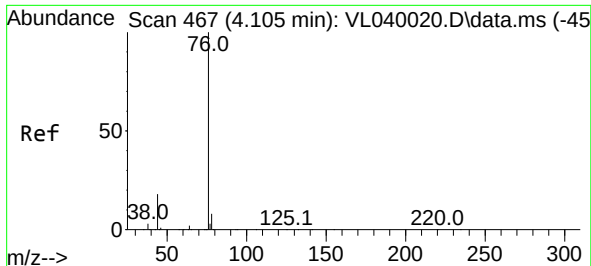
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#26
Hexane
Concen: 8.604 ppbv
RT: 5.182 min Scan# 802
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

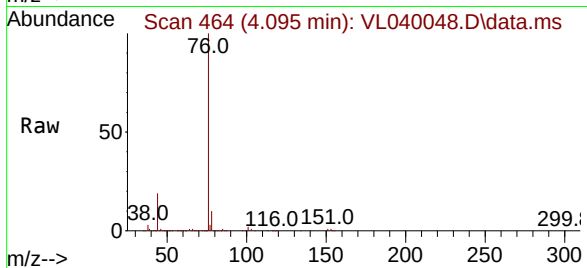
Tgt Ion: 57 Resp: 895048
Ion Ratio Lower Upper
57 100
41 87.3 72.3 108.5
43 264.8 188.7 283.1
56 52.8 42.4 63.6





#27
Carbon Disulfide
Concen: 9.572 ppbv
RT: 4.095 min Scan# 407
Delta R.T. 0.010 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

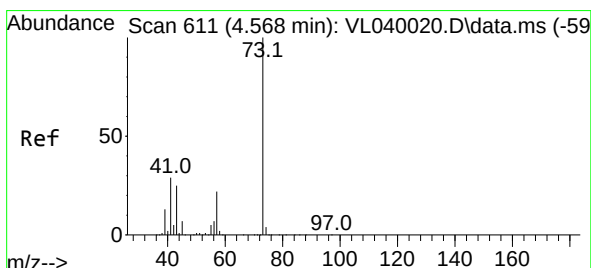
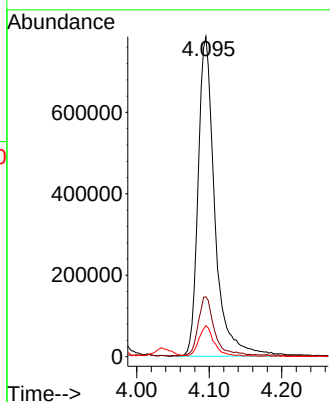
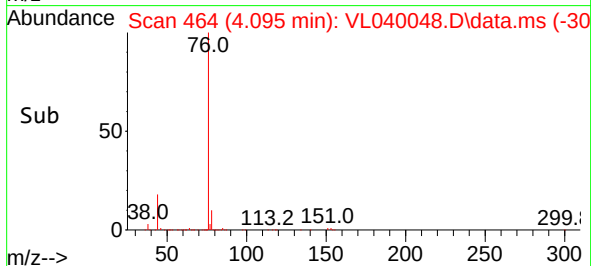
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1255980
Ion Ratio Lower Upper
76 100
44 18.9 14.7 22.1
78 9.2 7.8 11.8

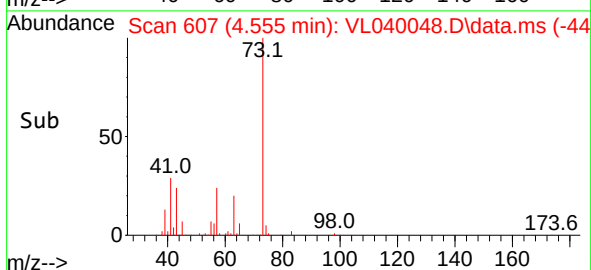
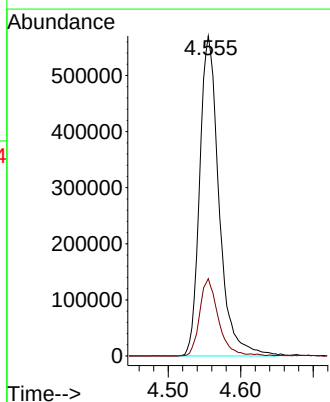
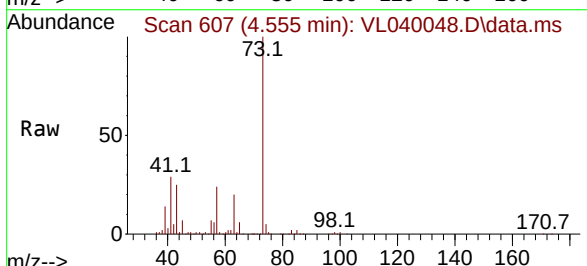
Manual Integrations
APPROVED

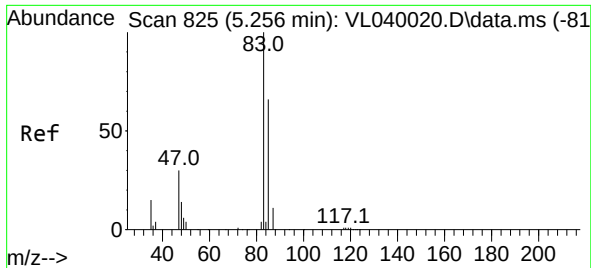
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#28
Methyl tert-Butyl Ether
Concen: 8.643 ppbv
RT: 4.555 min Scan# 607
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

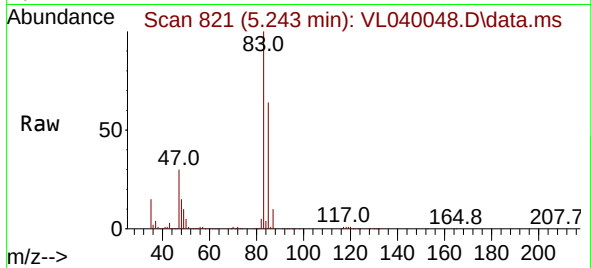
Tgt Ion: 73 Resp: 1059677
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3





#29
Chloroform
Concen: 8.111 ppbv
RT: 5.243 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

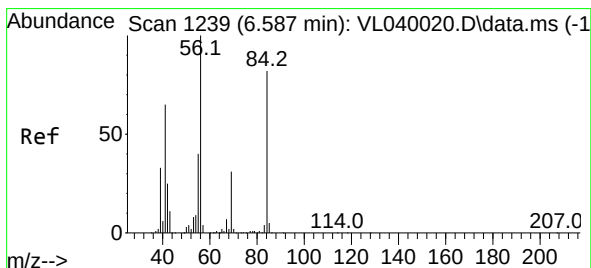
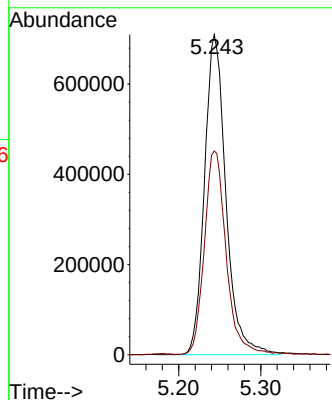
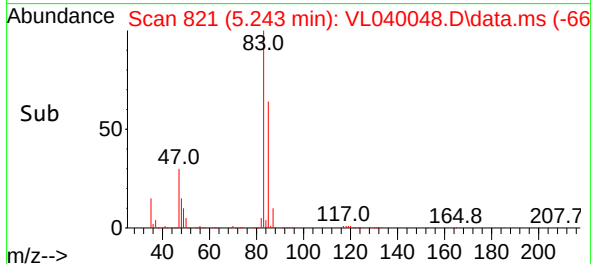
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



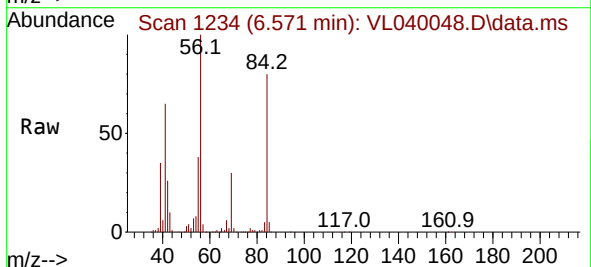
Tgt Ion: 83 Resp: 128754
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6

Manual Integrations
APPROVED

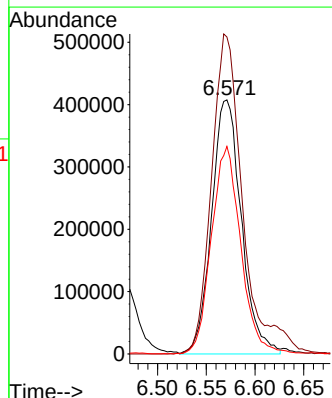
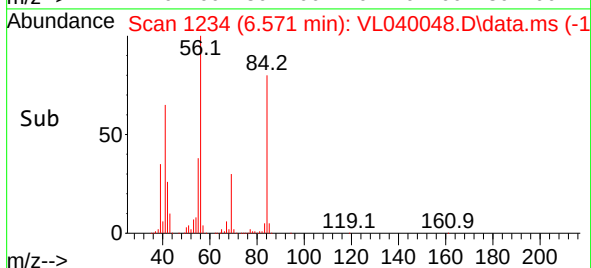
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

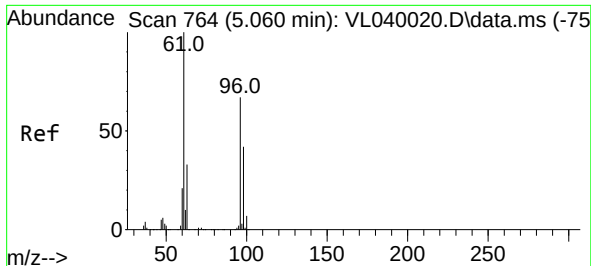


#30
Cyclohexane
Concen: 9.399 ppbv
RT: 6.571 min Scan# 1234
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13



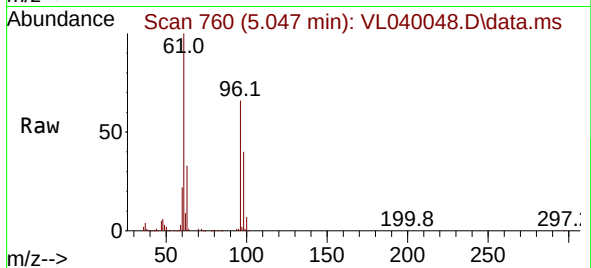
Tgt Ion: 84 Resp: 865920
Ion Ratio Lower Upper
84 100
56 132.8 112.5 168.7
41 80.6 67.8 101.8





#31
cis-1,2-Dichloroethene
Concen: 8.597 ppbv
RT: 5.047 min Scan# 70
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

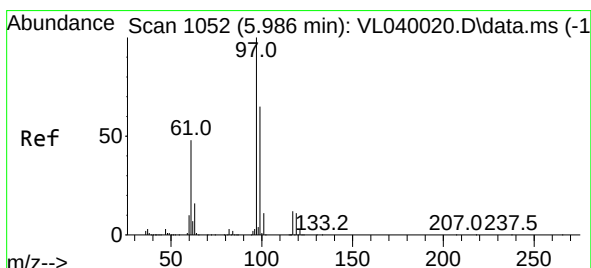
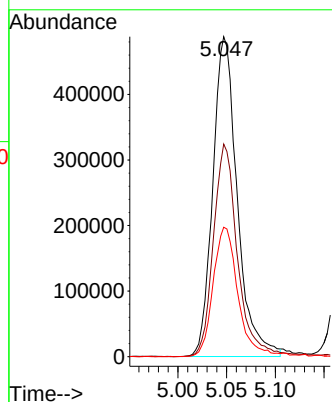
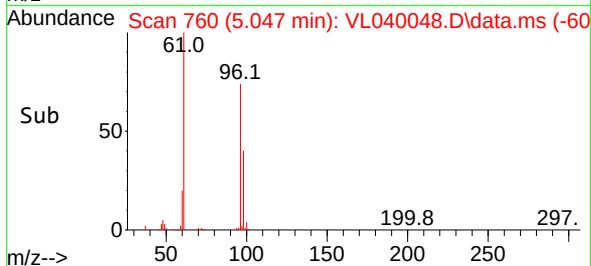
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 61 Resp: 851711
Ion Ratio Lower Upper
61 100
96 66.4 50.3 75.5
98 40.4 32.2 48.2

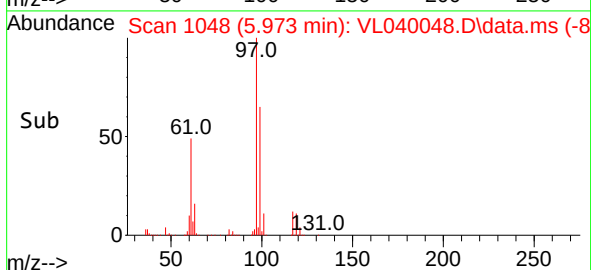
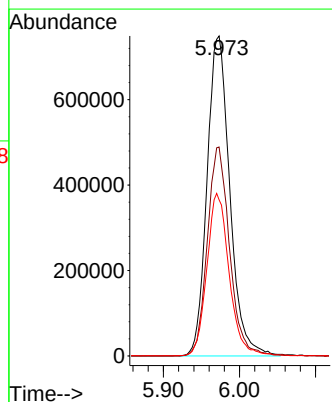
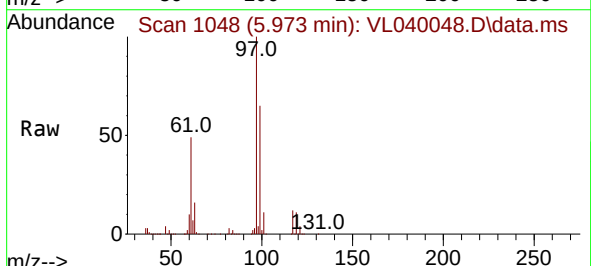
Manual Integrations
APPROVED

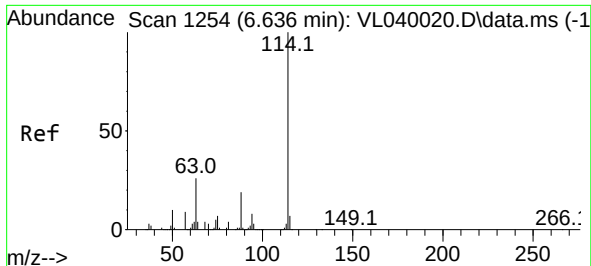
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#32
1,1,1-Trichloroethane
Concen: 9.146 ppbv
RT: 5.973 min Scan# 1048
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 97 Resp: 1559146
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 50.2 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.623 min Scan# 114

Delta R.T. 0.004 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 276904

Ion Ratio Lower Upper

114 100

63 24.5 21.4 32.0

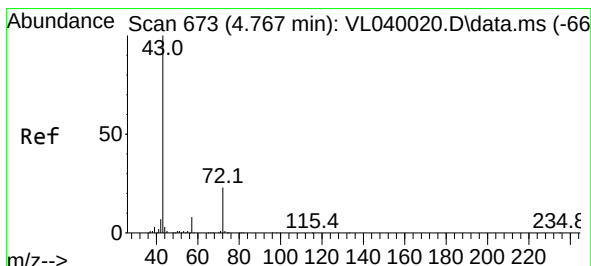
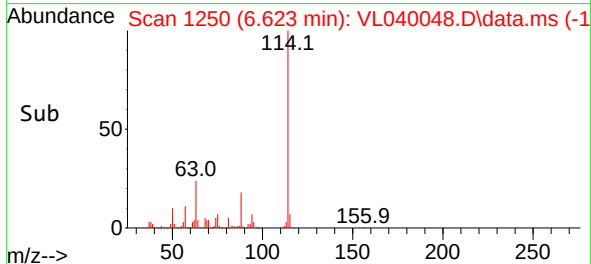
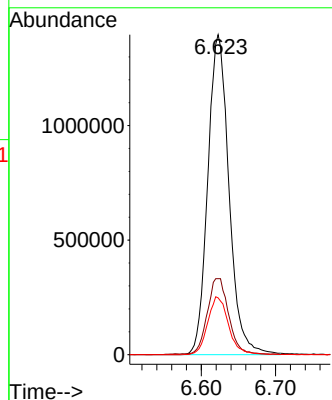
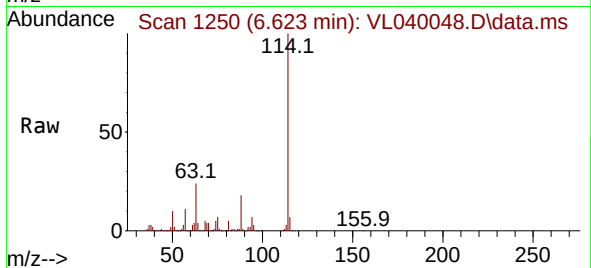
88 17.8 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

2-Butanone

Concen: 8.631 ppbv

RT: 4.754 min Scan# 669

Delta R.T. 0.003 min

Lab File: VL040048.D

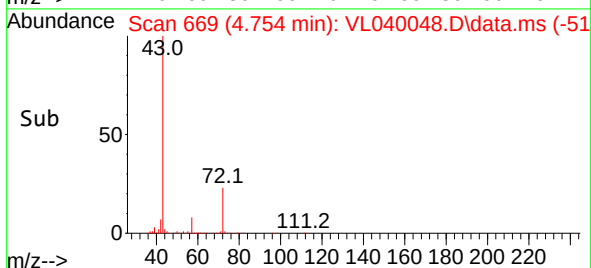
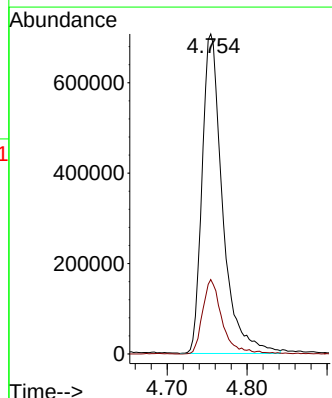
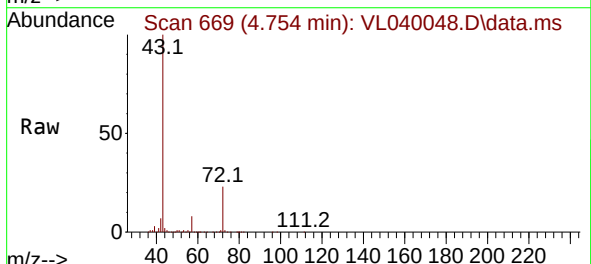
Acq: 20 Dec 2022 8:13

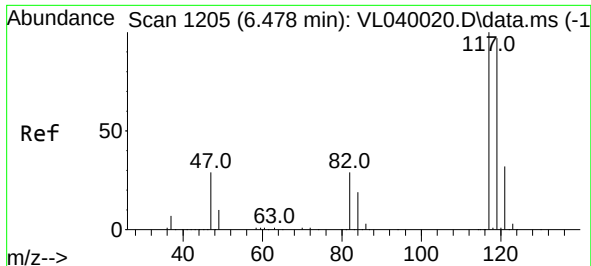
Tgt Ion: 43 Resp: 1261476

Ion Ratio Lower Upper

43 100

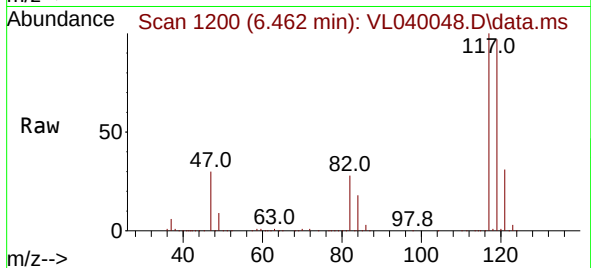
72 22.7 17.4 26.2





#35
Carbon Tetrachloride
Concen: 9.270 ppbv
RT: 6.462 min Scan# 117
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

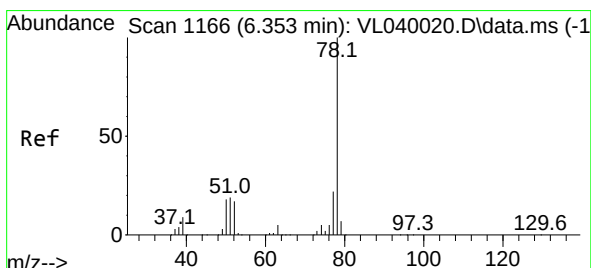
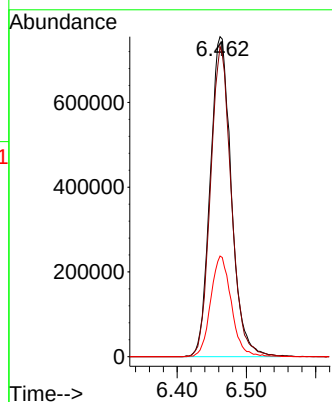
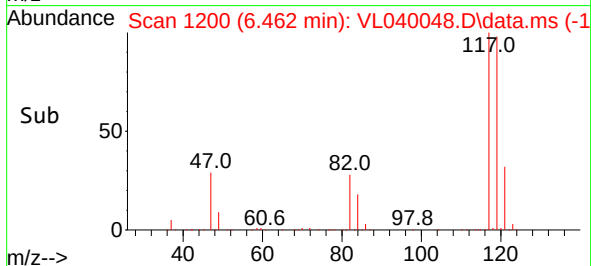
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 159681
Ion Ratio Lower Upper
117 100
119 96.9 74.7 112.1
121 31.4 24.5 36.7

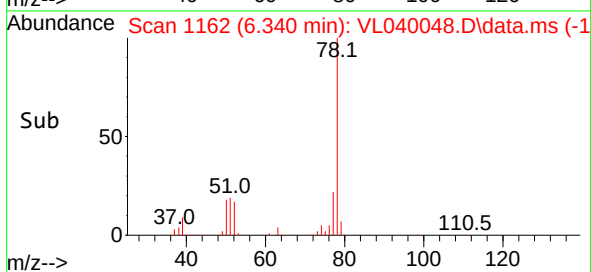
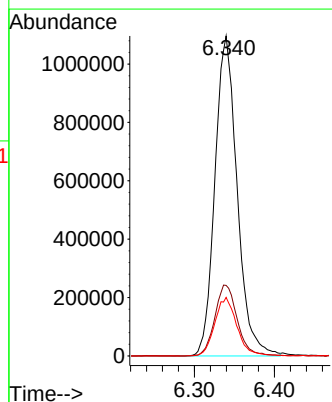
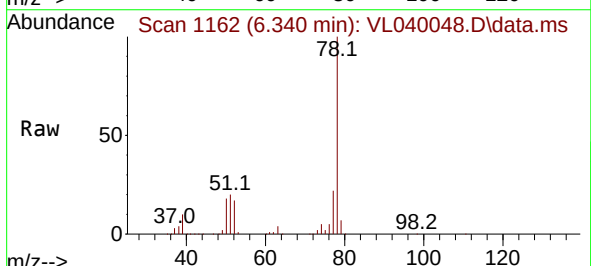
Manual Integrations
APPROVED

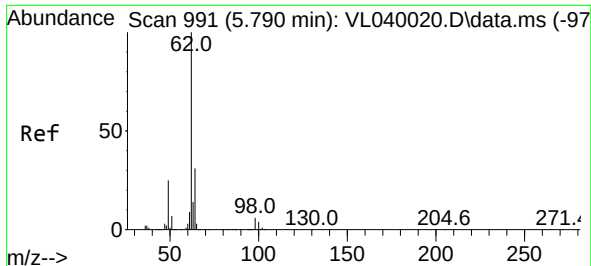
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#36
Benzene
Concen: 8.549 ppbv
RT: 6.340 min Scan# 1162
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 78 Resp: 2114219
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.2
50 18.3 15.8 23.8





#37

1,2-Dichloroethane

Concen: 8.059 ppbv

RT: 5.774 min Scan# 91

Delta R.T. 0.007 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 116913

Ion Ratio Lower Upper

62 100

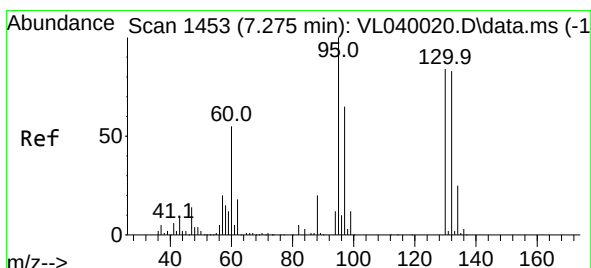
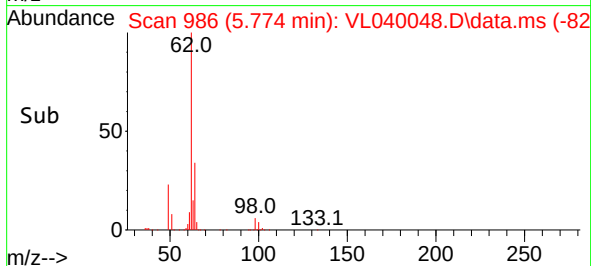
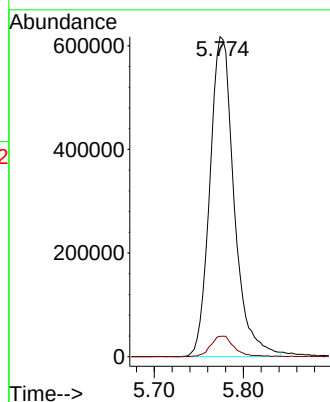
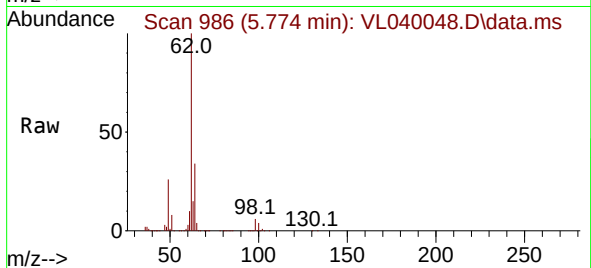
98 6.4 5.0 7.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#38

Trichloroethene

Concen: 7.645 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.003 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Tgt Ion:130 Resp: 976917

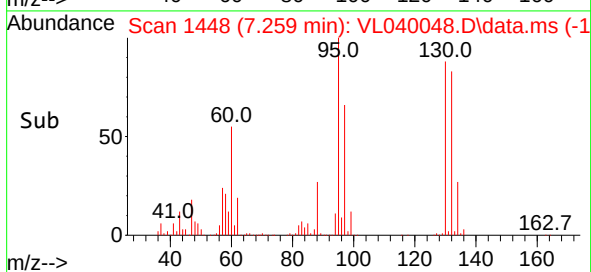
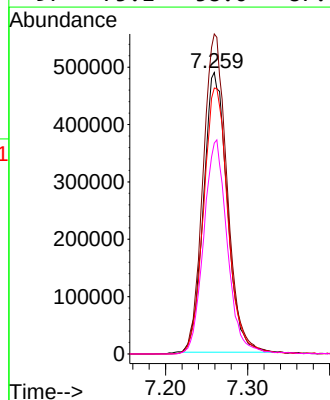
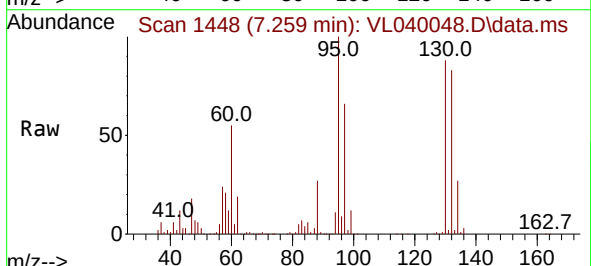
Ion Ratio Lower Upper

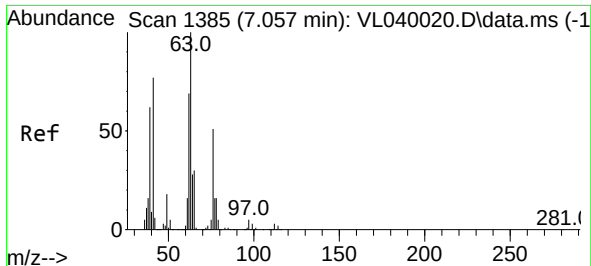
130 100

95 114.0 90.6 135.8

132 94.6 76.2 114.4

97 75.1 58.0 87.0





#39

1,2-Dichloropropane

Concen: 8.641 ppbv

RT: 7.044 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040048.D

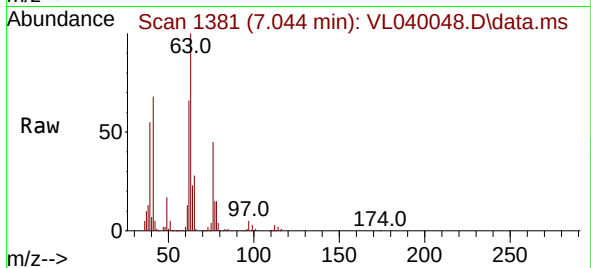
Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 63 Resp: 80099

Ion Ratio Lower Upper

63 100

41 67.7 54.7 82.1

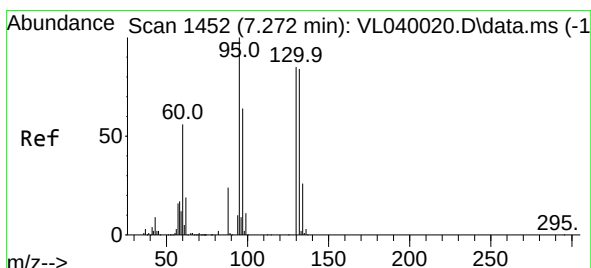
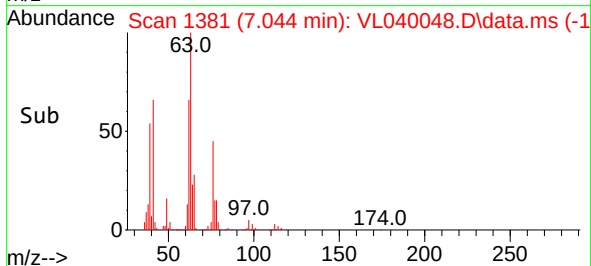
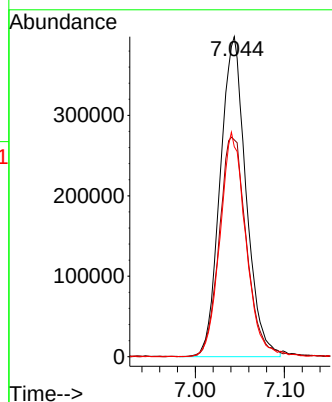
62 65.5 55.0 82.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#40

1,4-Dioxane

Concen: 8.239 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.007 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Tgt Ion: 88 Resp: 346376

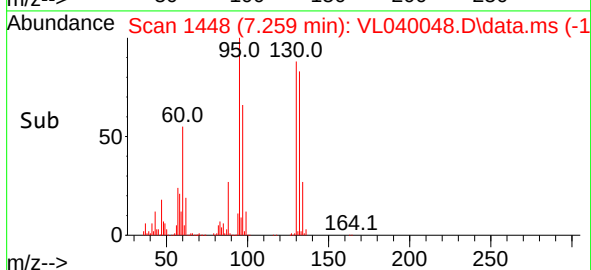
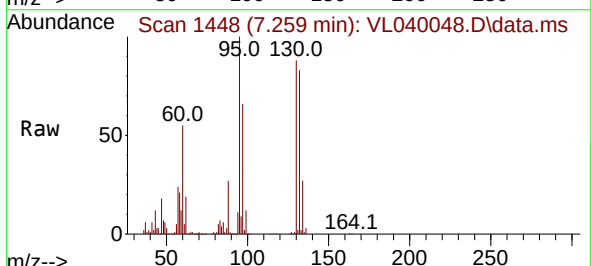
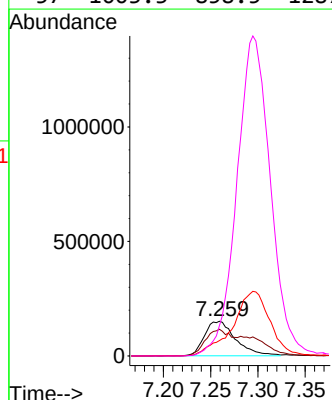
Ion Ratio Lower Upper

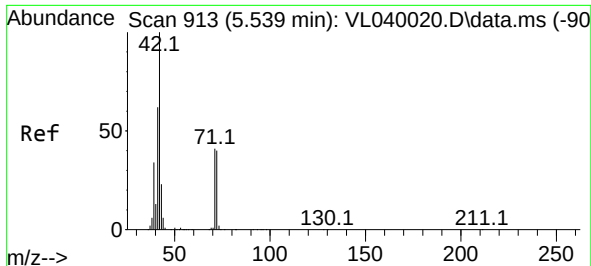
88 100

58 116.9 100.5 150.7

43 223.2 195.8 293.8

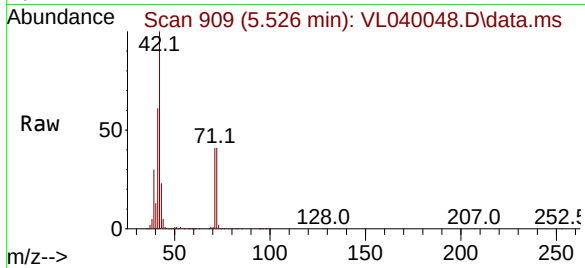
57 1003.3 858.5 1287.7





#41
Tetrahydrofuran
Concen: 9.066 ppbv
RT: 5.526 min Scan# 909
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

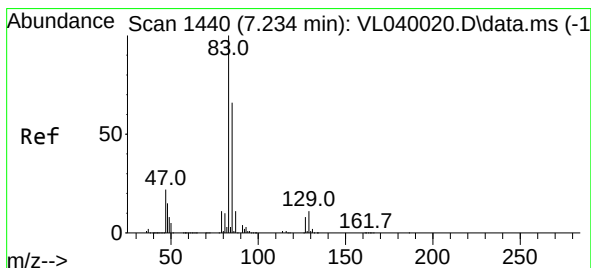
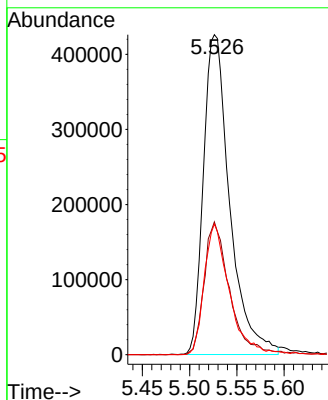
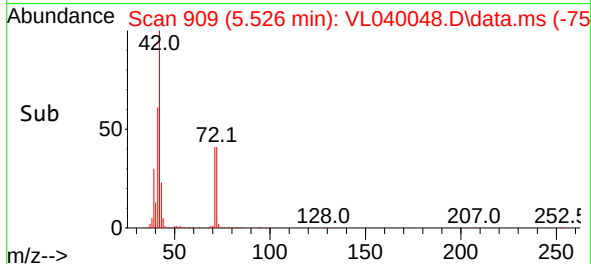
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 82311
Ion Ratio Lower Upper
42 100
72 40.7 31.6 47.4
71 39.4 31.2 46.8

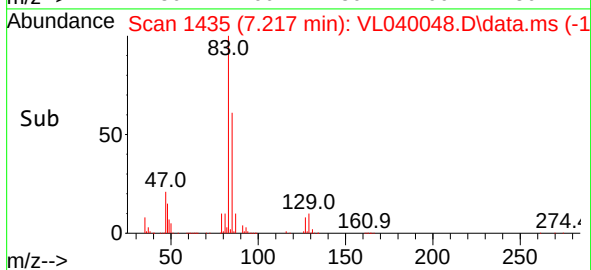
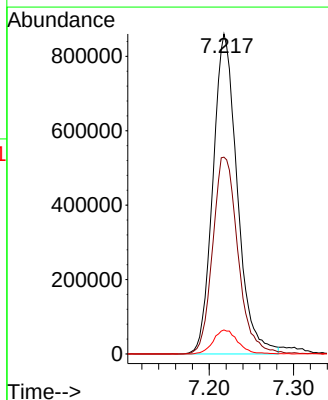
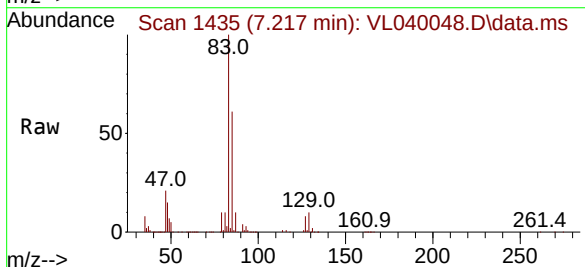
Manual Integrations
APPROVED

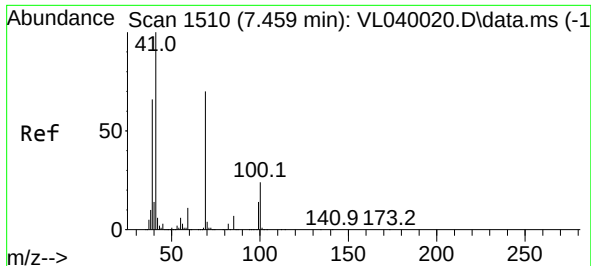
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#42
Bromodichloromethane
Concen: 8.716 ppbv
RT: 7.217 min Scan# 1435
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

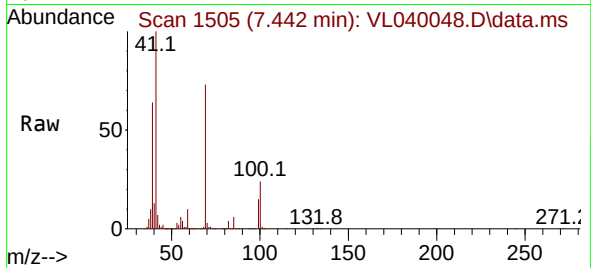
Tgt Ion: 83 Resp: 1729016
Ion Ratio Lower Upper
83 100
85 61.5 52.0 78.0
127 7.5 6.5 9.7





#43
Methyl Methacrylate
Concen: 9.389 ppbv
RT: 7.442 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

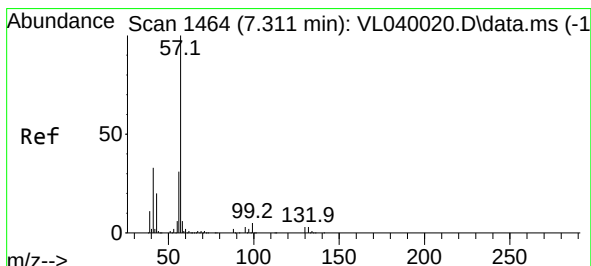
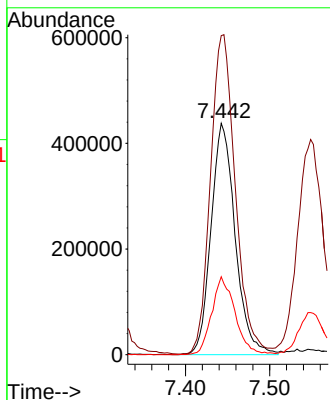
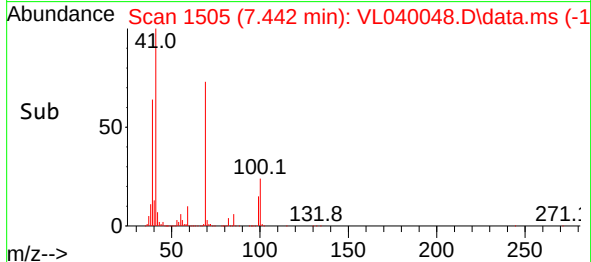
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 871429
Ion Ratio Lower Upper
69 100
41 142.5 116.4 174.6
100 32.6 26.8 40.2

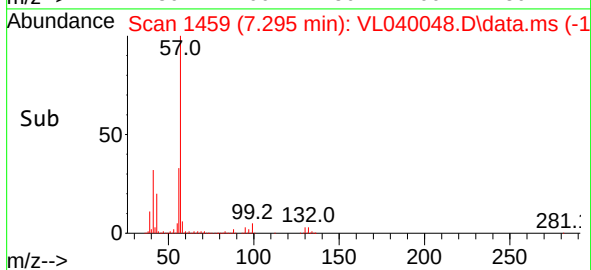
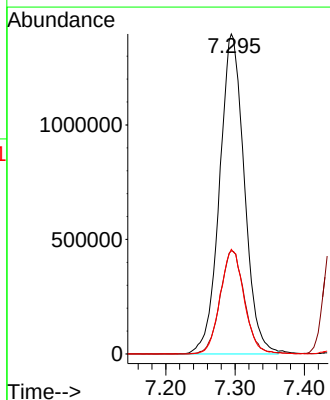
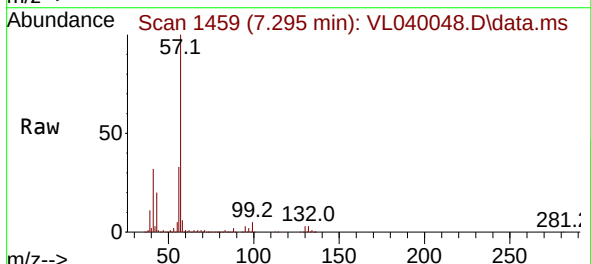
Manual Integrations
APPROVED

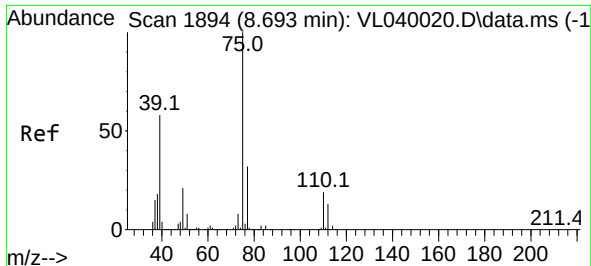
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#44
2,2,4-Trimethylpentane
Concen: 8.498 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

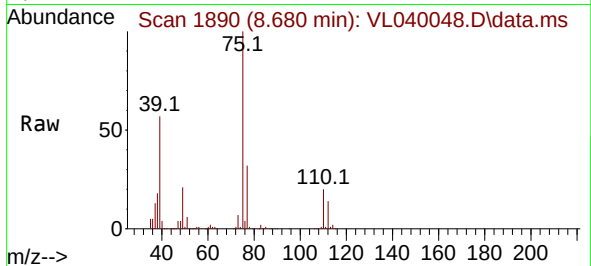
Tgt Ion: 57 Resp: 3459841
Ion Ratio Lower Upper
57 100
41 32.2 26.2 39.2
56 31.7 25.5 38.3





#45
t-1,3-Dichloropropene
Concen: 8.874 ppbv
RT: 8.680 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

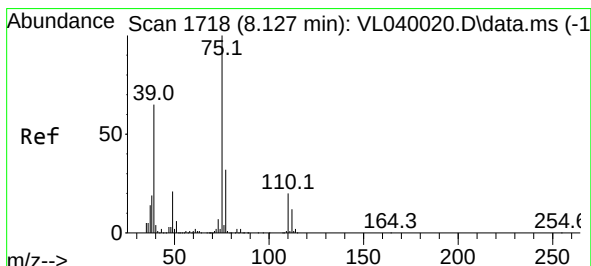
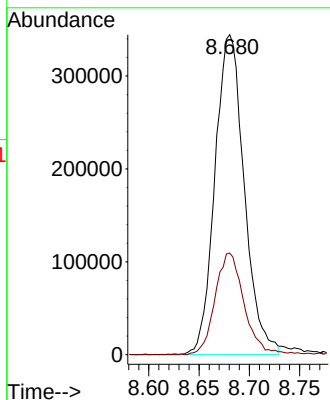
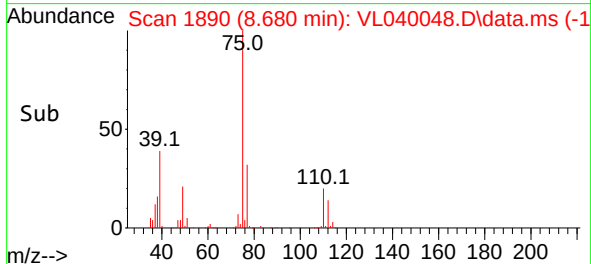
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



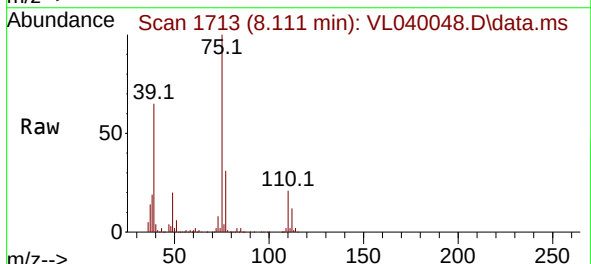
Tgt Ion: 75 Resp: 695974
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4

Manual Integrations
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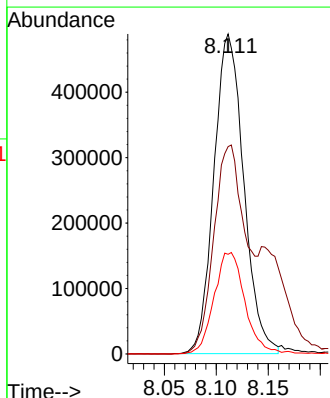
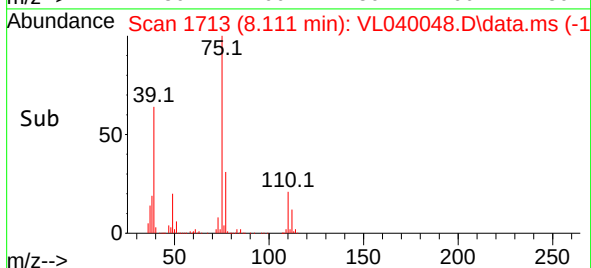
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

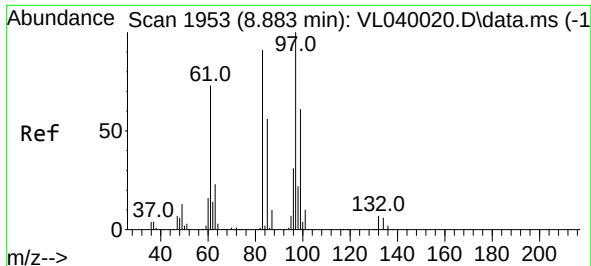


#46
cis-1,3-Dichloropropene
Concen: 8.820 ppbv
RT: 8.111 min Scan# 1713
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13



Tgt Ion: 75 Resp: 975821
Ion Ratio Lower Upper
75 100
39 64.8 51.0 76.4
77 31.1 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 8.602 ppbv

RT: 8.867 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 87238

Ion Ratio Lower Upper

97 100

83 89.7 72.1 108.1

85 58.6 47.2 70.8

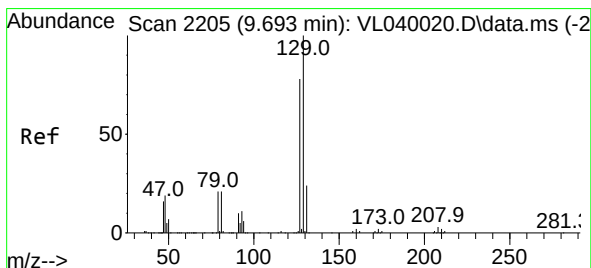
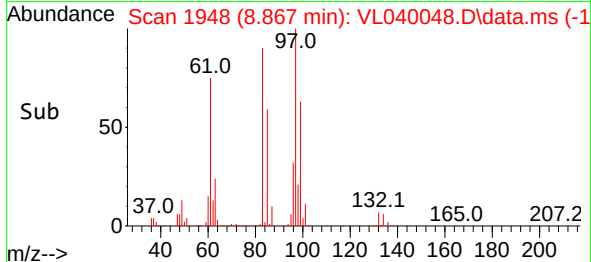
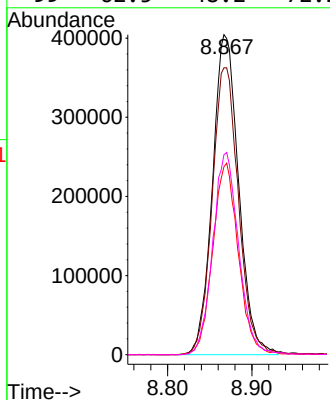
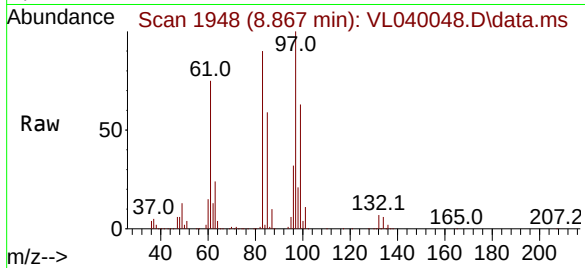
99 62.5 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#48

Dibromochloromethane

Concen: 9.226 ppbv

RT: 9.677 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VL040048.D

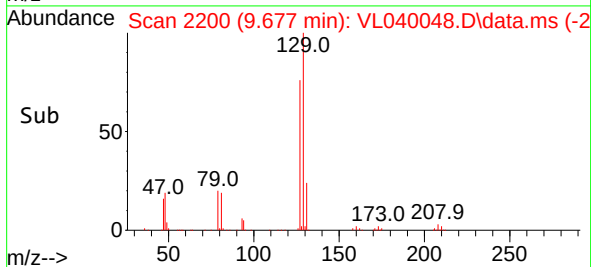
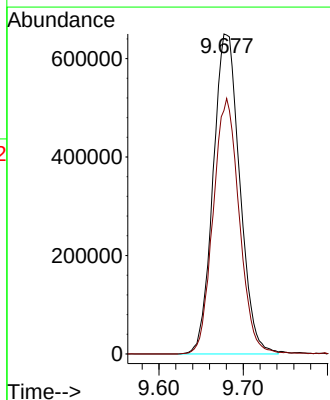
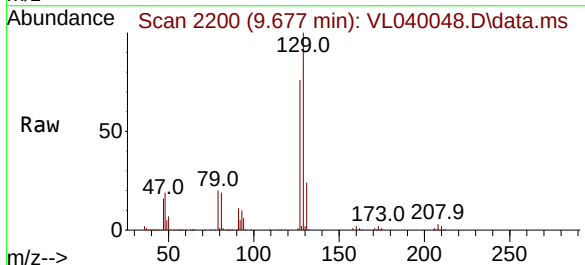
Acq: 20 Dec 2022 8:13

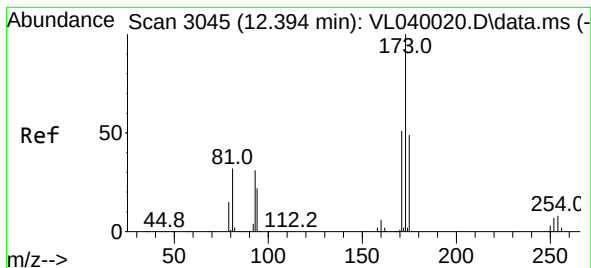
Tgt Ion:129 Resp: 1426071

Ion Ratio Lower Upper

129 100

127 78.5 39.1 117.3





#49

Bromoform

Concen: 9.707 ppbv

RT: 12.378 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1143014

Ion Ratio Lower Upper

173 100

175 49.2 39.1 58.7

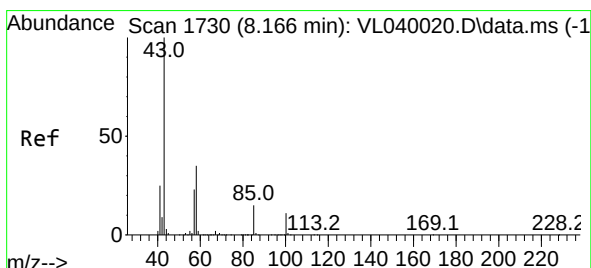
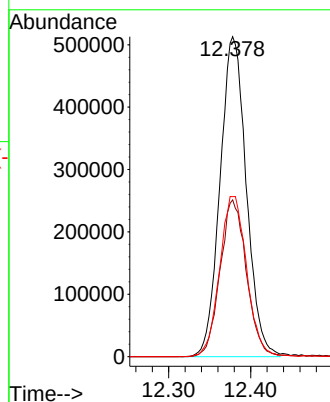
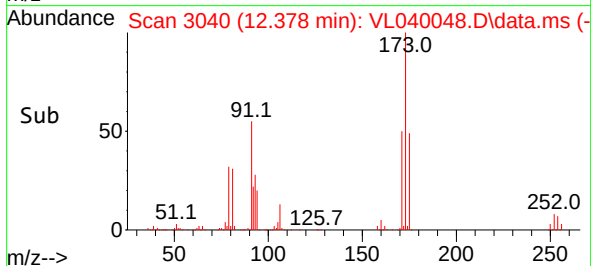
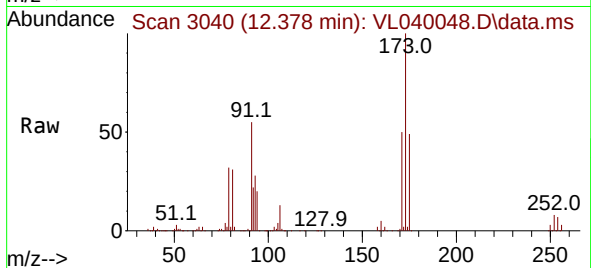
171 51.7 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#50

4-Methyl-2-Pentanone

Concen: 8.619 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. 0.003 min

Lab File: VL040048.D

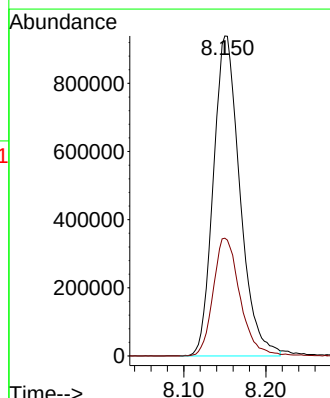
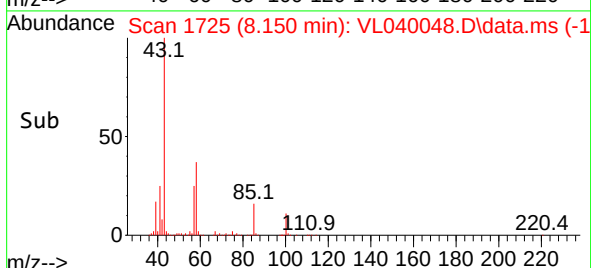
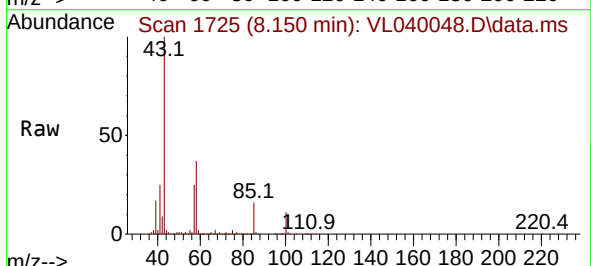
Acq: 20 Dec 2022 8:13

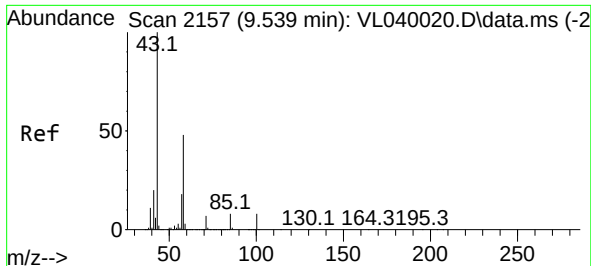
Tgt Ion: 43 Resp: 2115162

Ion Ratio Lower Upper

43 100

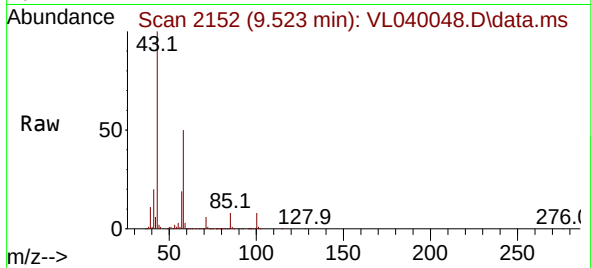
58 37.3 29.8 44.6





#51
2-Hexanone
Concen: 8.618 ppbv
RT: 9.523 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

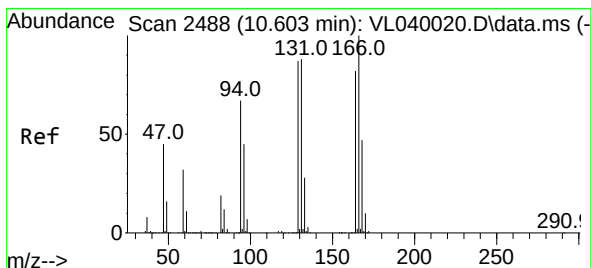
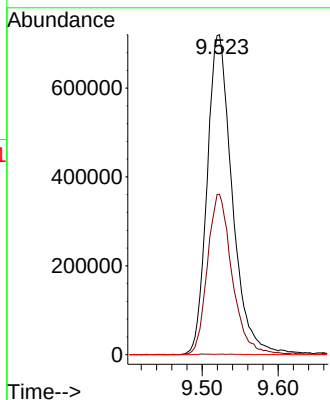
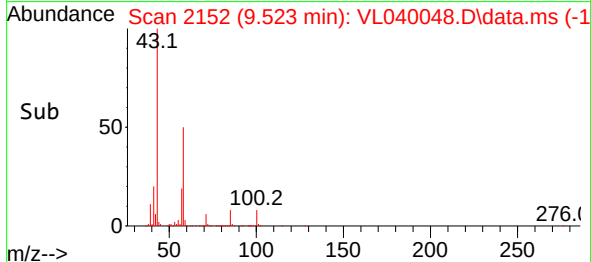
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



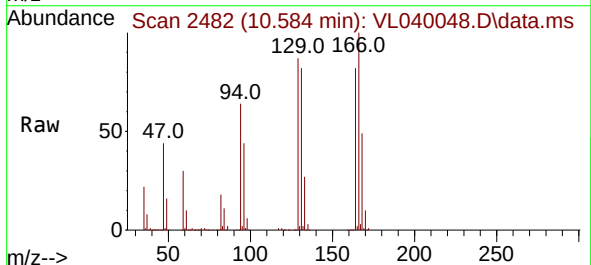
Tgt Ion: 43 Resp: 164004
Ion Ratio Lower Upper
43 100
58 50.1 40.2 60.4
98 0.3 0.1 0.1

Manual Integrations
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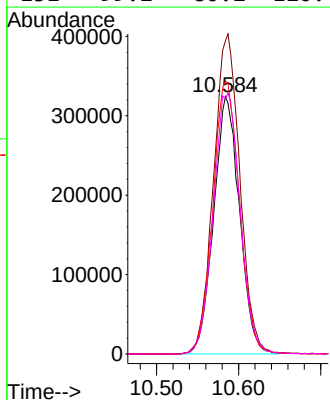
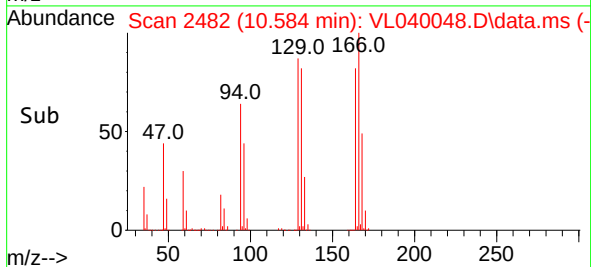
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

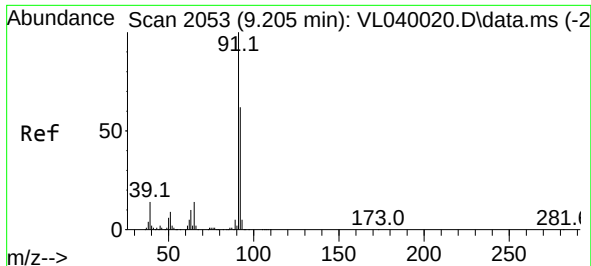


#52
Tetrachloroethene
Concen: 8.369 ppbv
RT: 10.584 min Scan# 2482
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13



Tgt Ion:164 Resp: 708266
Ion Ratio Lower Upper
164 100
166 121.6 98.3 147.5
129 106.1 79.7 119.5
131 99.2 80.2 120.4





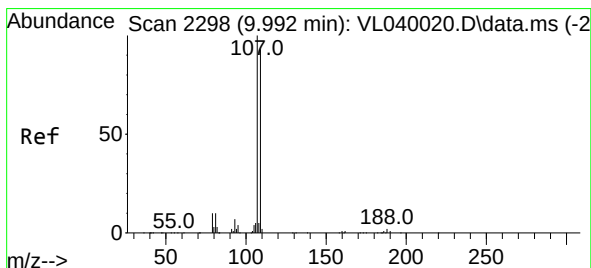
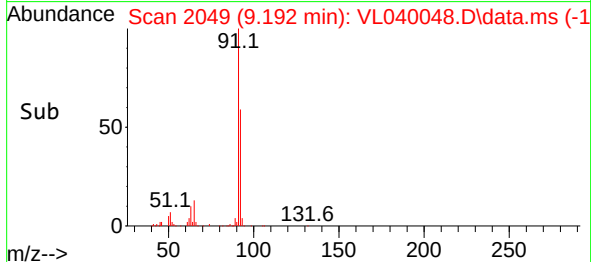
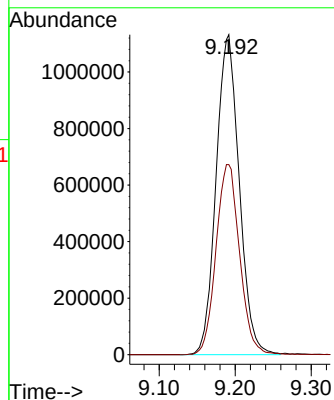
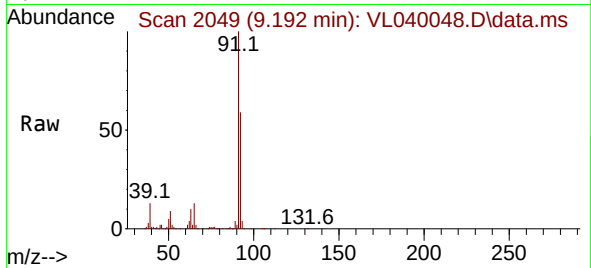
#53
Toluene
Concen: 8.732 ppbv
RT: 9.192 min Scan# 2053
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2390938
Ion Ratio Lower Upper
91 100
92 60.8 49.8 74.6

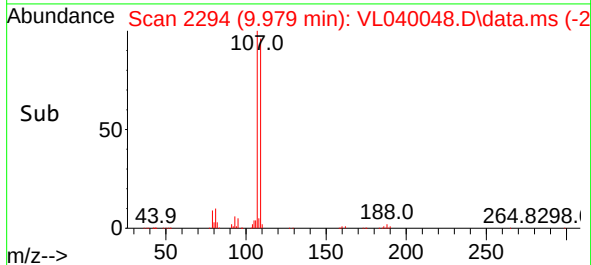
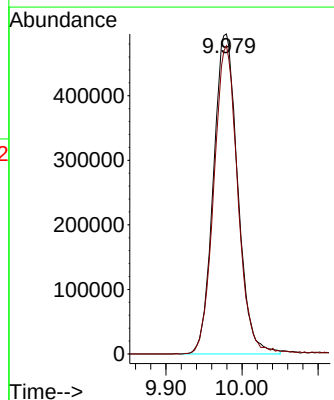
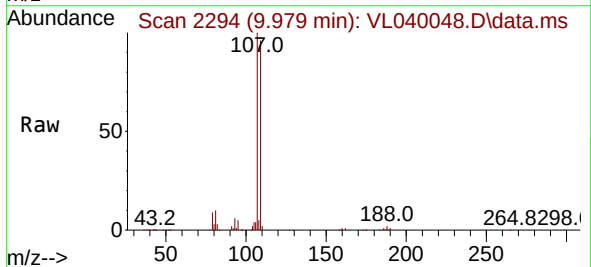
Manual Integrations
APPROVED

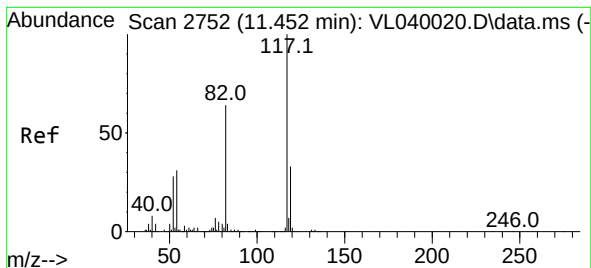
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#54
1,2-Dibromoethane
Concen: 10.132 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:107 Resp: 1100175
Ion Ratio Lower Upper
107 100
109 96.3 72.8 109.2





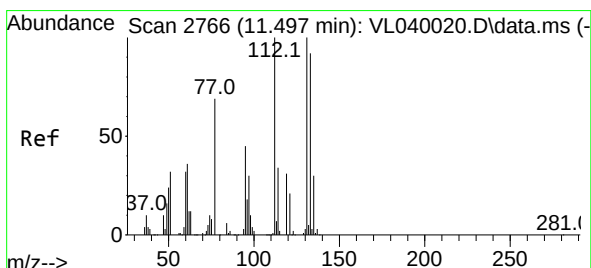
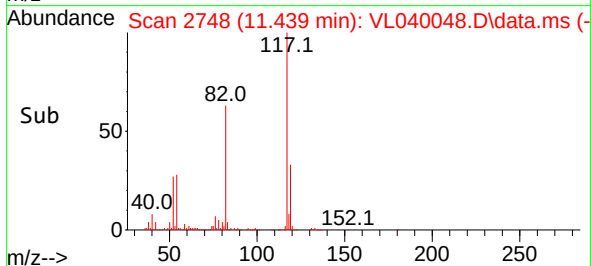
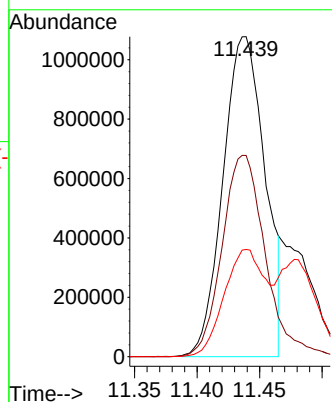
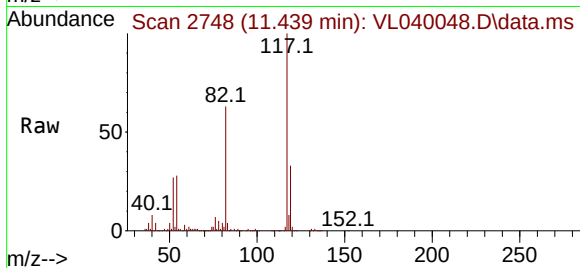
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 251027
Ion Ratio Lower Upper
117 100
82 65.6 52.3 78.5
119 32.3 25.7 38.5

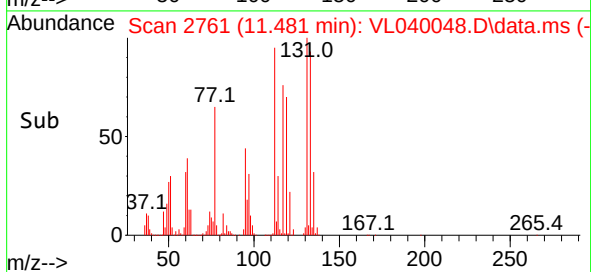
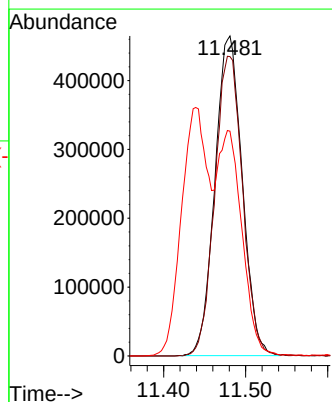
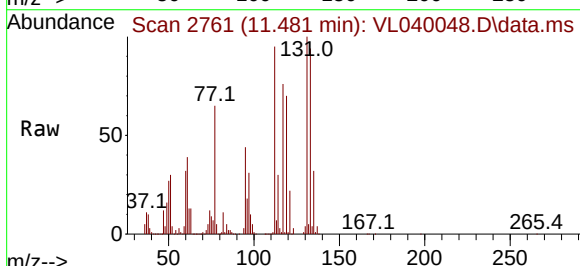
Manual Integrations
APPROVED

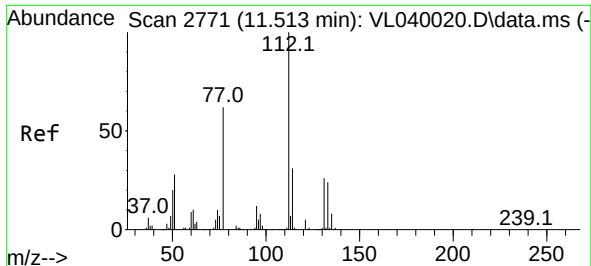
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.270 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

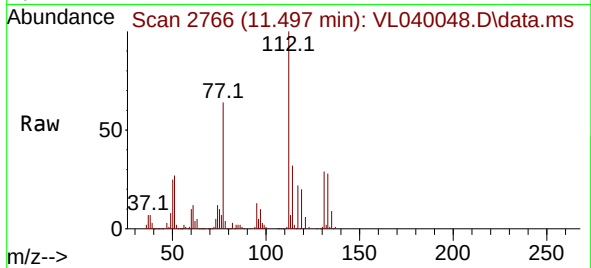
Tgt Ion:131 Resp: 1074059
Ion Ratio Lower Upper
131 100
133 95.8 76.7 115.1
119 62.3 46.6 69.8





#57
Chlorobenzene
Concen: 8.429 ppbv
RT: 11.497 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

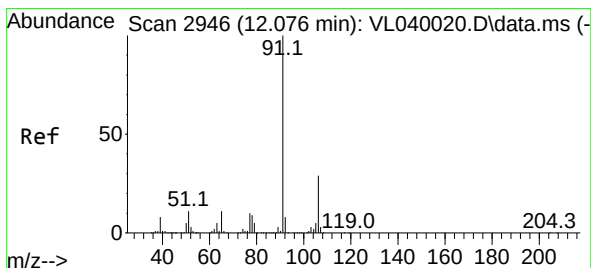
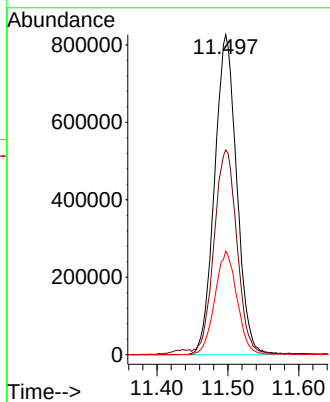
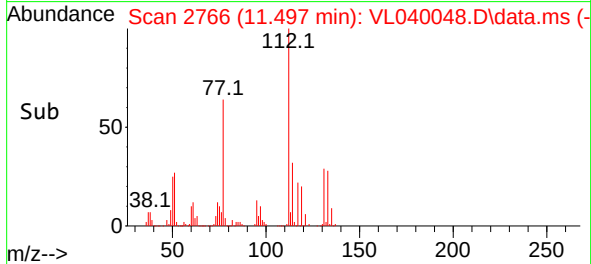
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 112 Resp: 179610
Ion Ratio Lower Upper
112 100
77 63.6 54.6 81.8
114 32.3 30.1 36.7

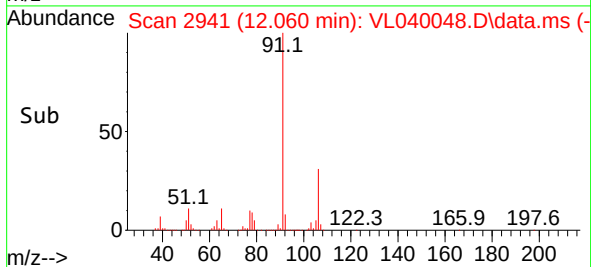
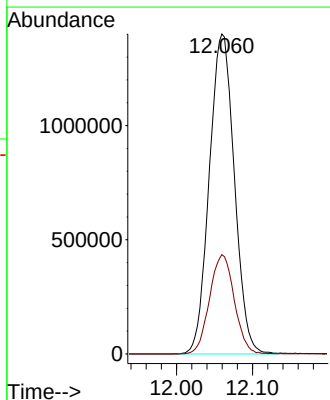
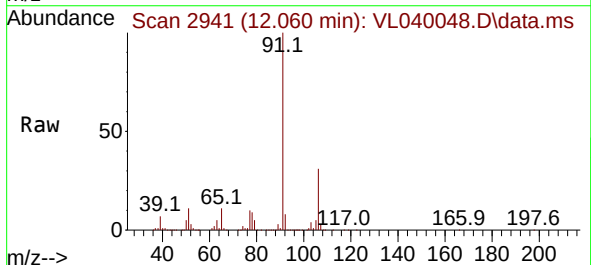
Manual Integrations
APPROVED

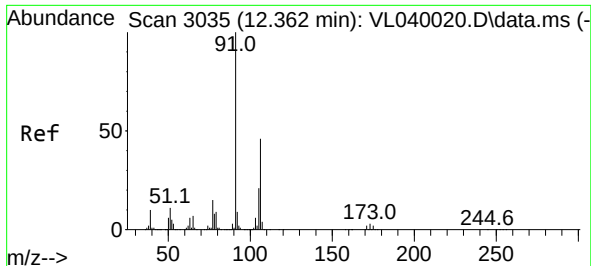
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#58
Ethyl Benzene
Concen: 8.988 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 91 Resp: 3205526
Ion Ratio Lower Upper
91 100
106 31.0 26.1 39.1





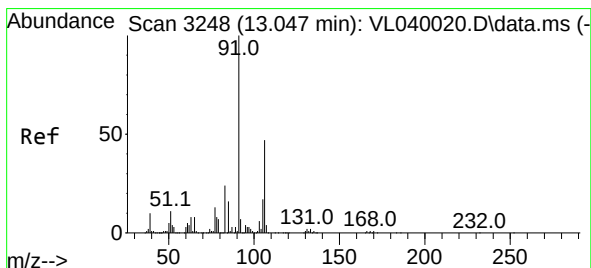
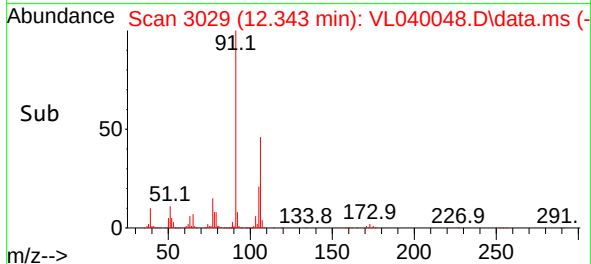
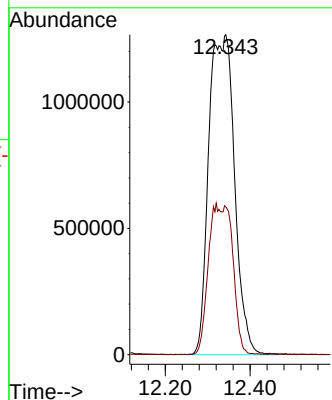
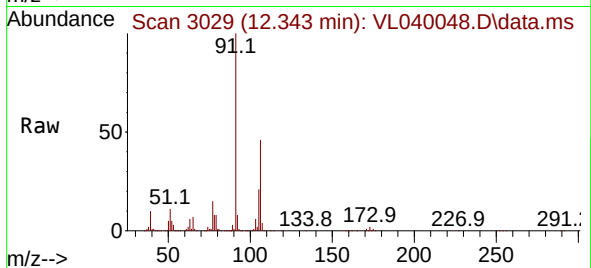
#59
m/p-Xylene
Concen: 17.207 ppbv m
RT: 12.343 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5345392
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.6

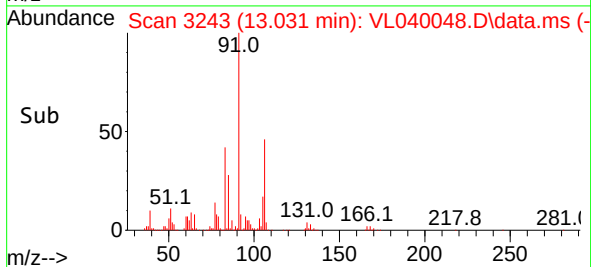
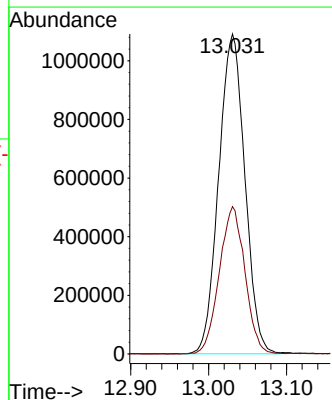
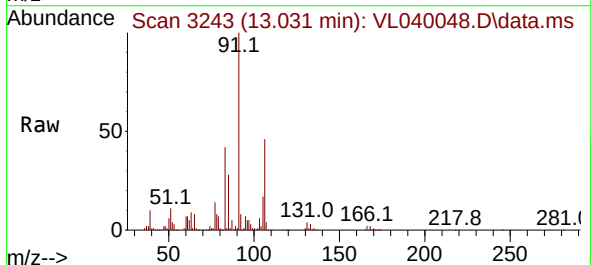
Manual Integrations
APPROVED

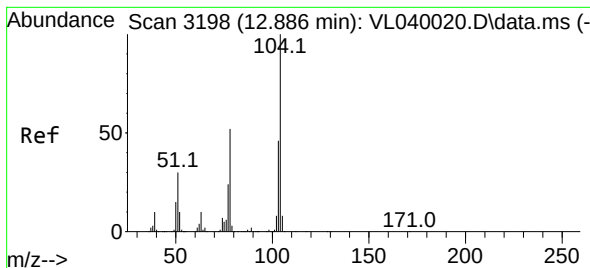
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
o-Xylene
Concen: 8.546 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion: 91 Resp: 2542455
Ion Ratio Lower Upper
91 100
106 45.4 23.2 69.6





#61

Styrene

Concen: 9.369 ppbv

RT: 12.870 min Scan# 3198

Delta R.T. 0.007 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 148647

Ion Ratio Lower Upper

104 100

78 51.5 41.8 62.8

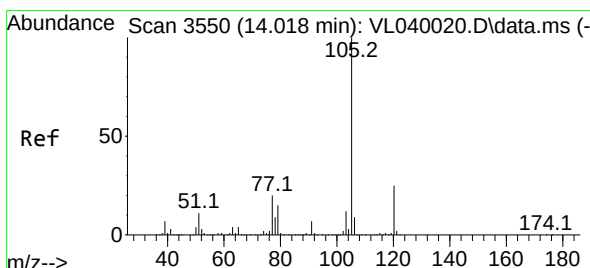
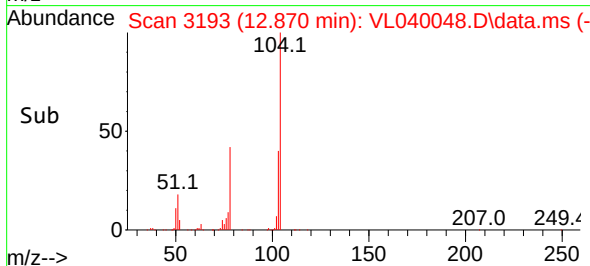
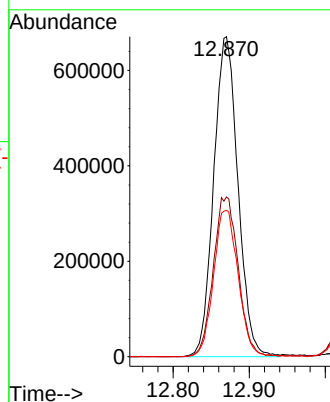
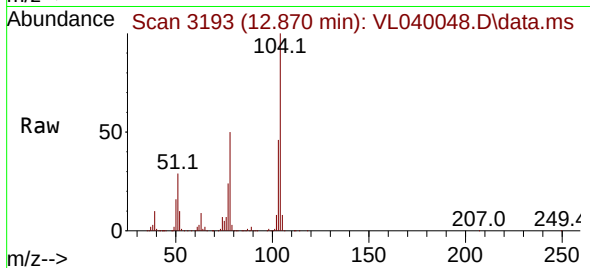
103 46.8 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#62

Isopropylbenzene

Concen: 9.027 ppbv

RT: 14.002 min Scan# 3545

Delta R.T. 0.007 min

Lab File: VL040048.D

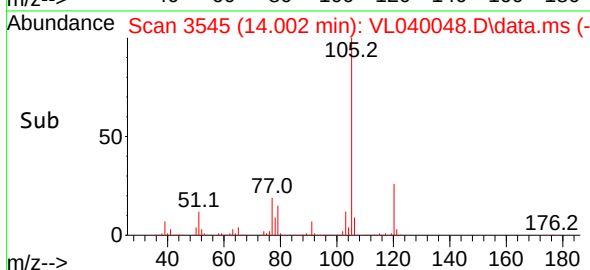
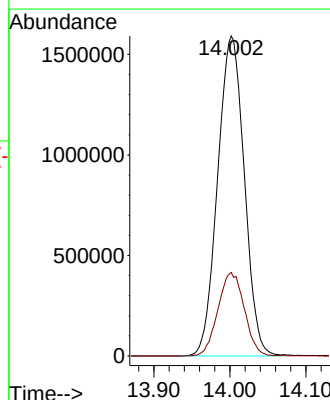
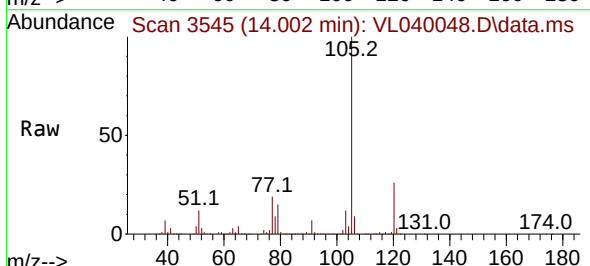
Acq: 20 Dec 2022 8:13

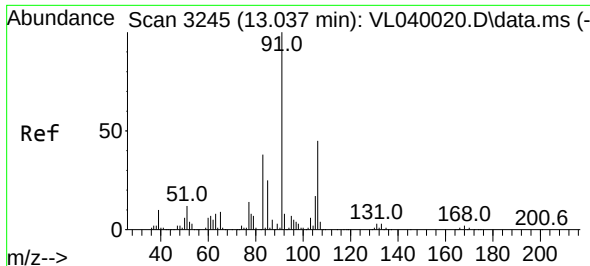
Tgt Ion:105 Resp: 3873910

Ion Ratio Lower Upper

105 100

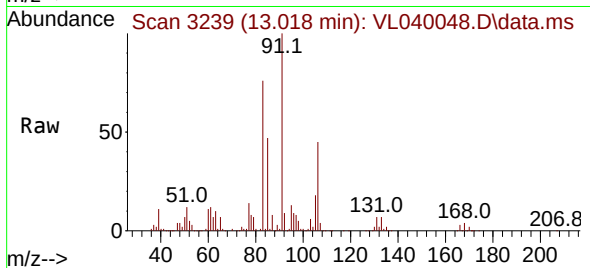
120 25.8 21.4 32.2





#63
1,1,2,2-Tetrachloroethane
Concen: 12.936 ppbv
RT: 13.018 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

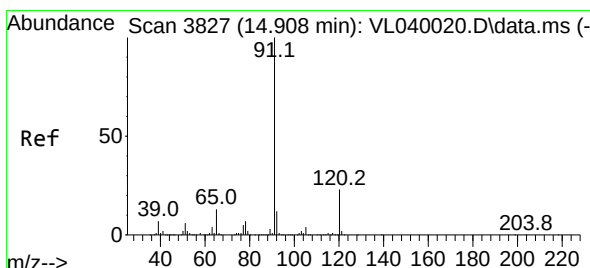
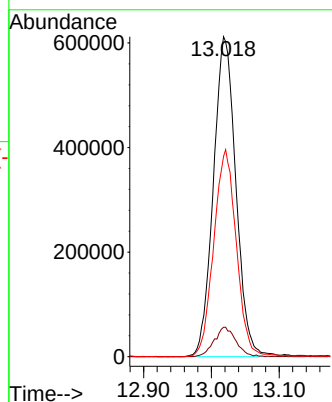
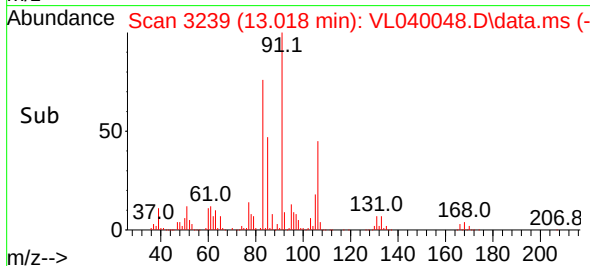
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 141617
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 64.8 33.0 99.0

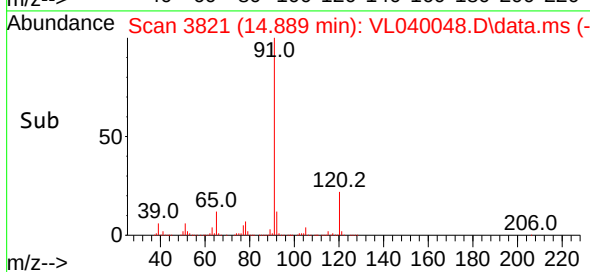
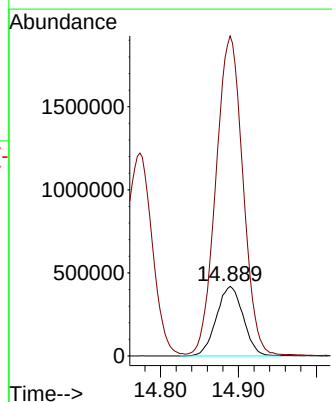
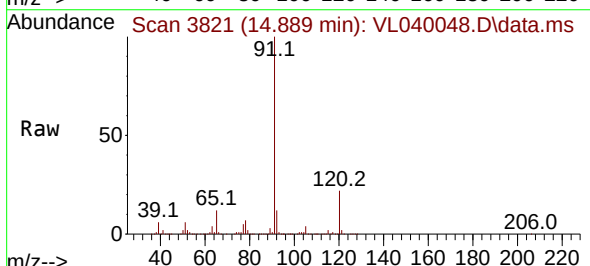
Manual Integrations
APPROVED

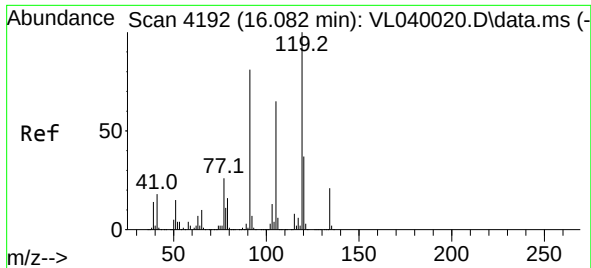
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#64
n-propylbenzene
Concen: 9.253 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. 0.010 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Tgt Ion:120 Resp: 999686
Ion Ratio Lower Upper
120 100
91 466.6 353.7 530.5





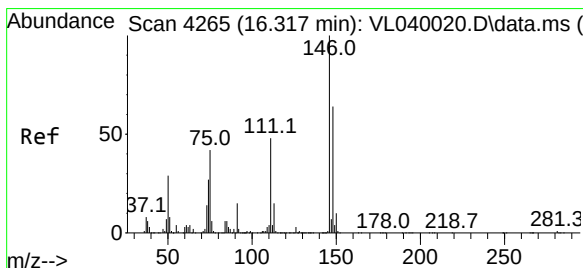
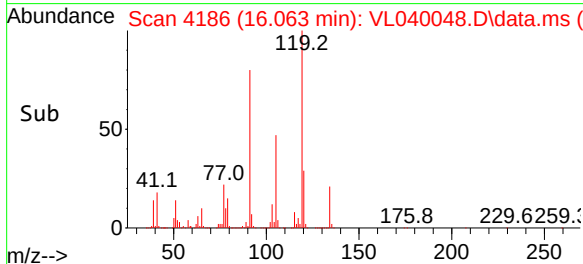
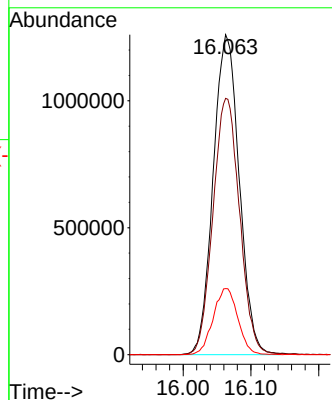
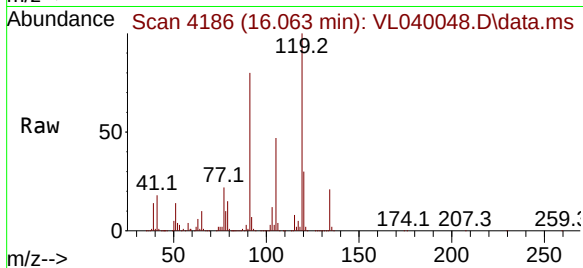
#65
tert-Butylbenzene
Concen: 9.023 ppbv
RT: 16.063 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3362524
Ion Ratio Lower Upper
119 100
91 81.8 65.8 98.8
134 19.6 16.1 24.1

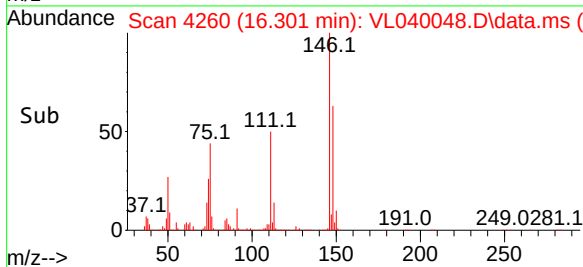
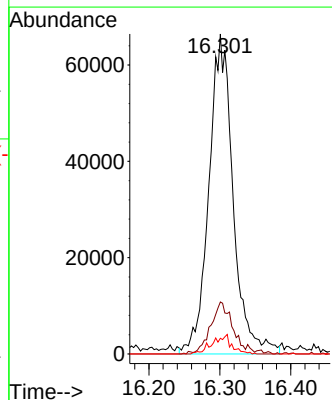
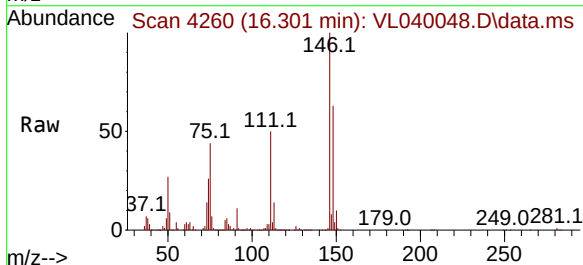
Manual Integrations
APPROVED

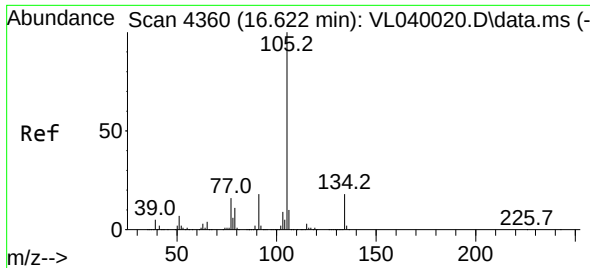
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#66
Benzyl Chloride
Concen: 8.312 ppbv m
RT: 16.301 min Scan# 4260
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

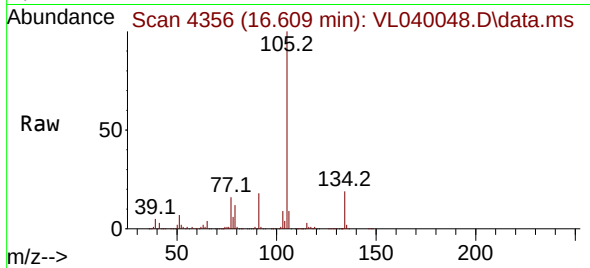
Tgt Ion: 91 Resp: 157582
Ion Ratio Lower Upper
91 100
126 15.5 15.0 22.6
128 0.0 4.6 7.0#





#67
 sec-Butylbenzene
 Concen: 8.976 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13

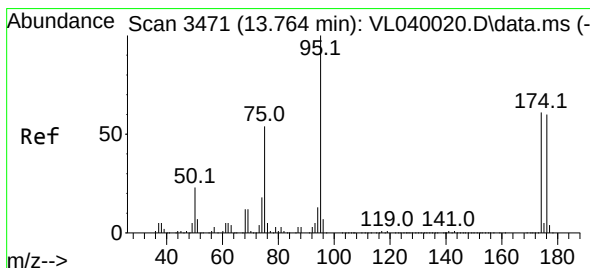
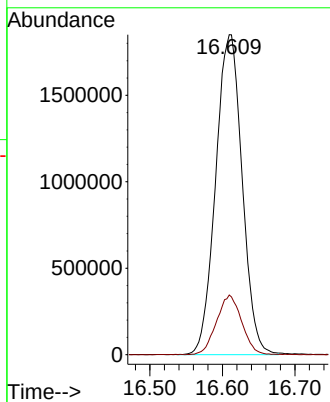
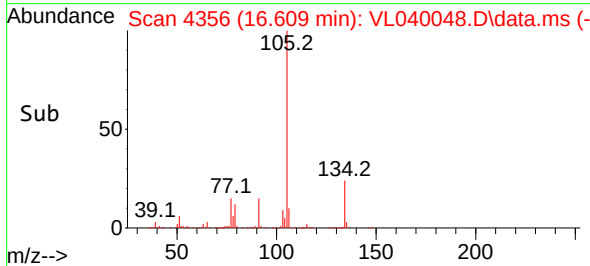
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



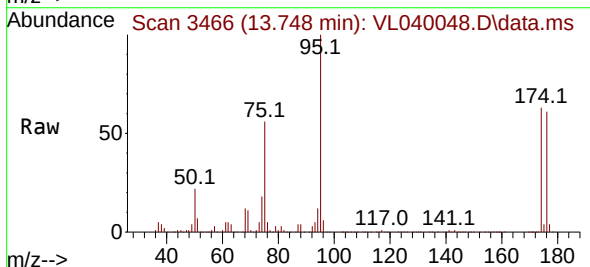
Tgt Ion:105 Resp: 4691514
 Ion Ratio Lower Upper
 105 100
 134 17.9 15.0 22.6

Manual Integrations
 APPROVED

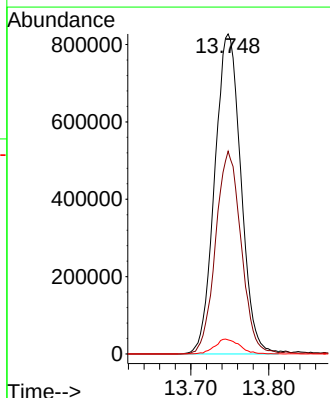
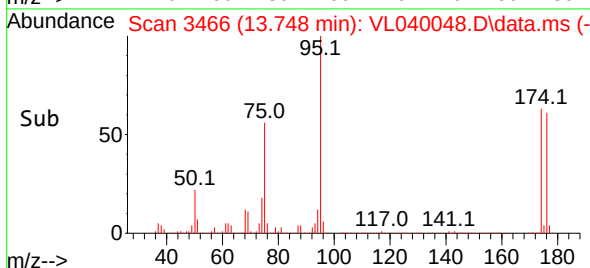
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

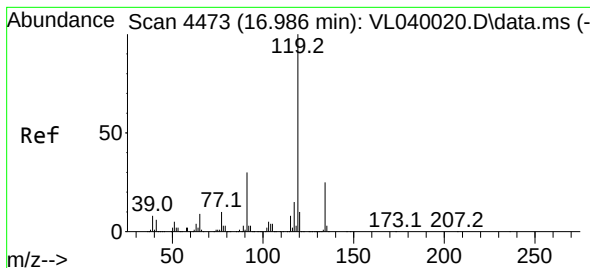


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.064 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. 0.007 min
 Lab File: VL040048.D
 Acq: 20 Dec 2022 8:13



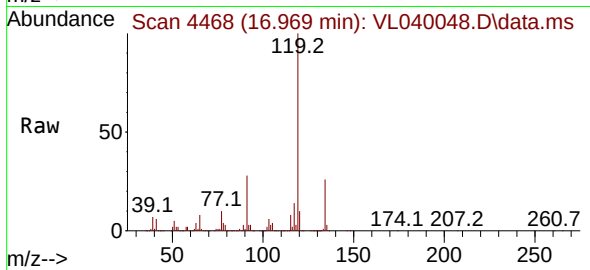
Tgt Ion: 95 Resp: 1929852
 Ion Ratio Lower Upper
 95 100
 174 62.5 53.7 80.5
 175 4.5 4.0 6.0





#69
p-Isopropyltoluene
Concen: 8.965 ppbv
RT: 16.969 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

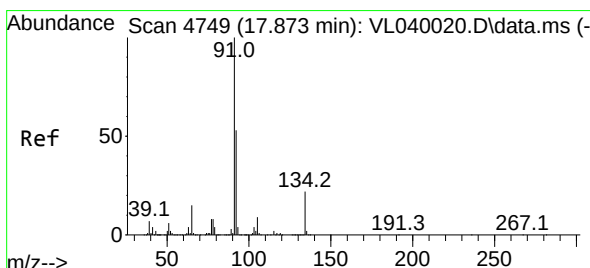
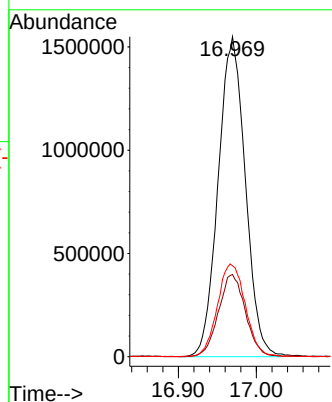
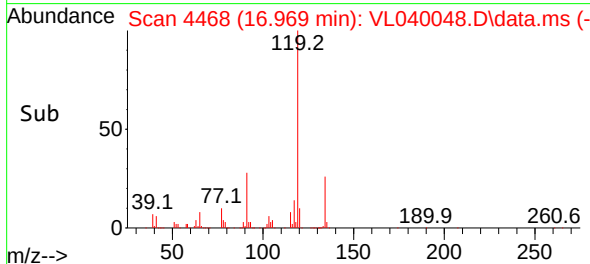
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



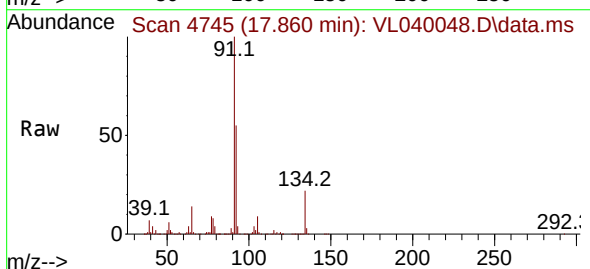
Tgt Ion: 119 Resp: 374278
Ion Ratio Lower Upper
119 100
134 25.6 21.0 31.4
91 29.9 24.4 36.6

Manual Integrations
APPROVED

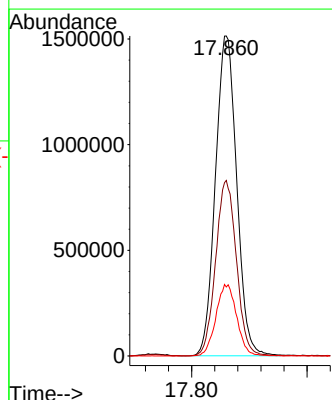
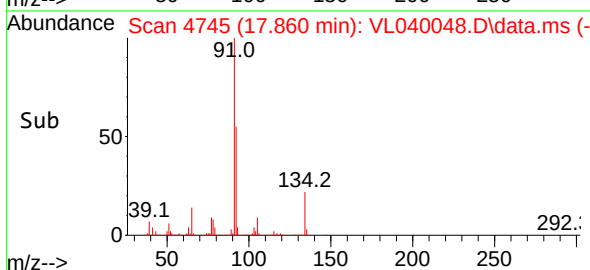
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

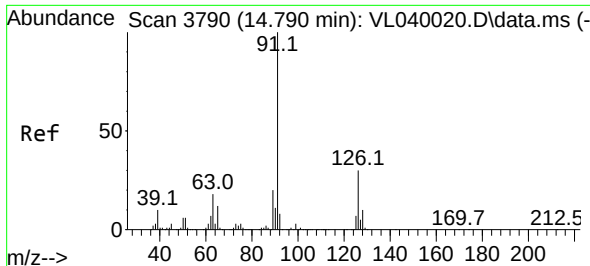


#70
n-Butylbenzene
Concen: 8.878 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13



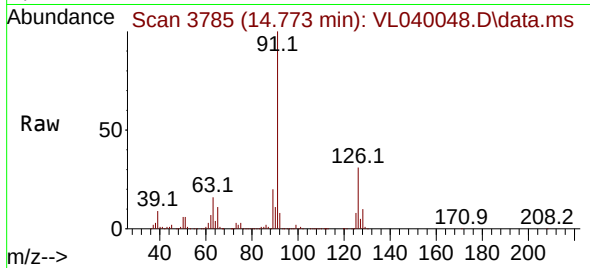
Tgt Ion: 91 Resp: 3872414
Ion Ratio Lower Upper
91 100
92 53.5 44.2 66.2
134 21.9 18.8 28.2





#71
2-Chlorotoluene
Concen: 8.787 ppbv
RT: 14.773 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

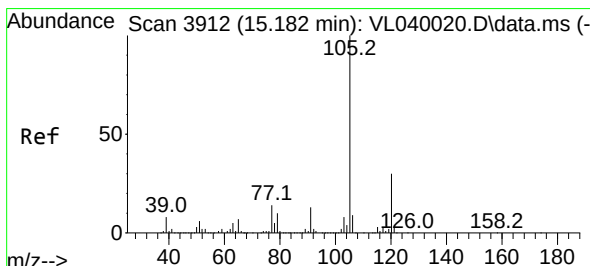
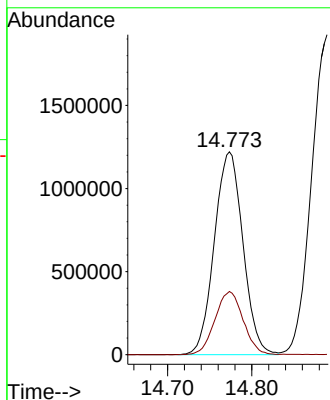
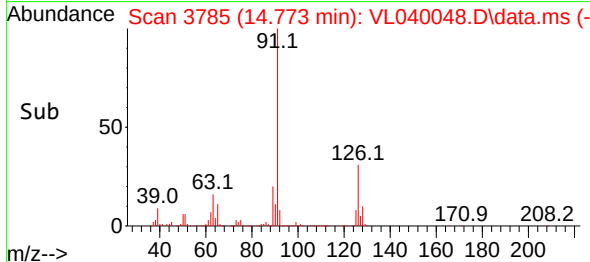
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



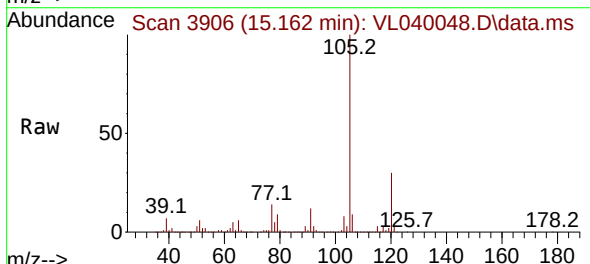
Tgt Ion: 91 Resp: 287712
Ion Ratio Lower Upper
91 100
126 31.0 12.8 51.0

Manual Integrations
APPROVED

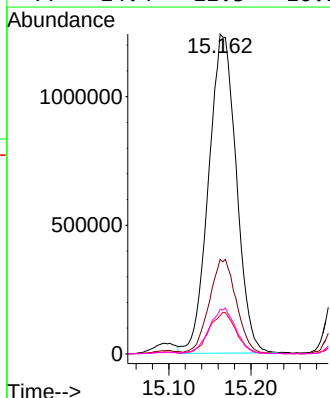
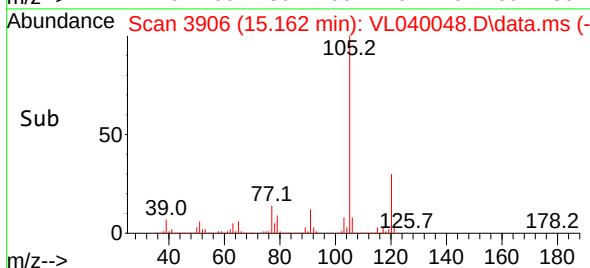
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

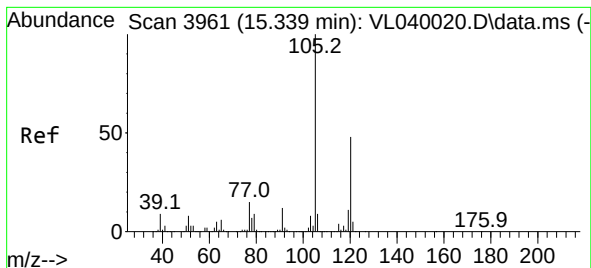


#72
4-Ethyltoluene
Concen: 8.816 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. 0.000 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13



Tgt Ion:105 Resp: 2914045
Ion Ratio Lower Upper
105 100
120 29.4 24.5 36.7
91 12.8 10.4 15.6
77 14.4 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 8.618 ppbv

RT: 15.323 min Scan# 3956

Delta R.T. 0.003 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2576730

Ion Ratio Lower Upper

105 100

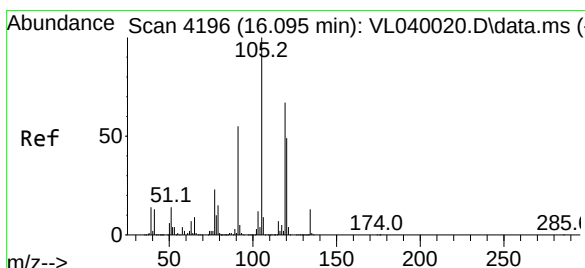
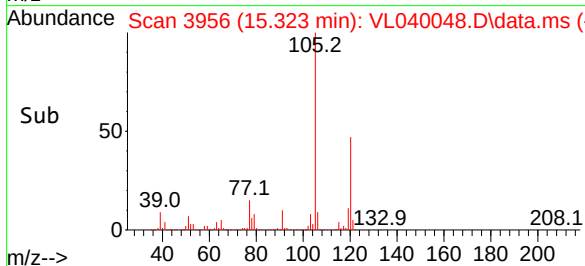
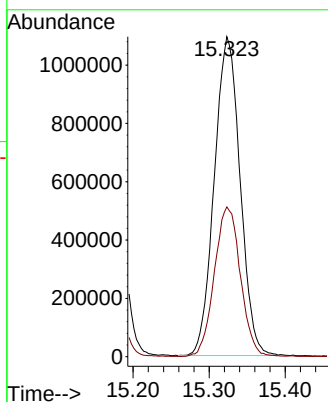
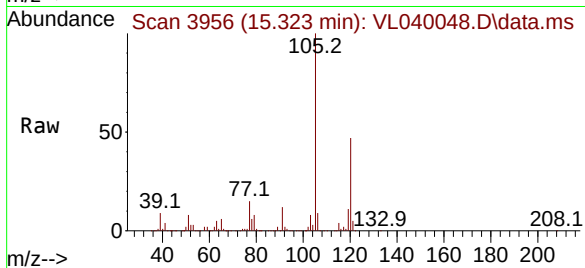
120 46.9 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.376 ppbv

RT: 16.082 min Scan# 4192

Delta R.T. 0.007 min

Lab File: VL040048.D

Acq: 20 Dec 2022 8:13

Tgt Ion:105 Resp: 2752017

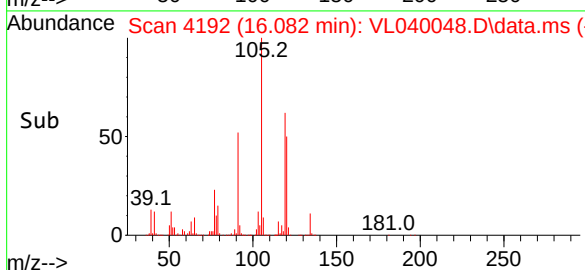
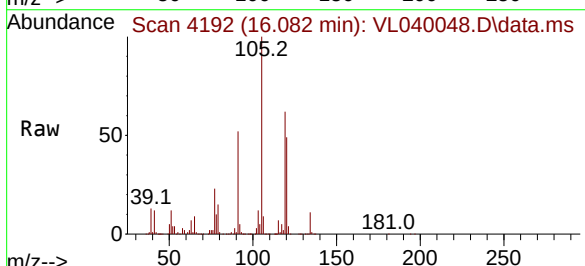
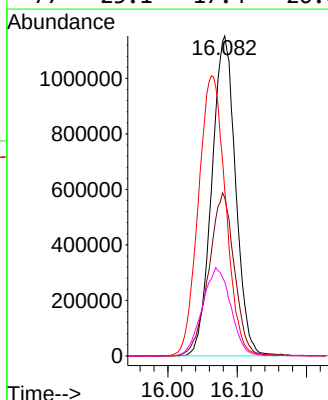
Ion Ratio Lower Upper

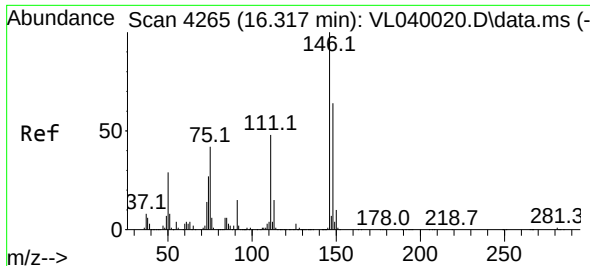
105 100

120 49.3 38.7 58.1

91 51.5 36.4 54.6

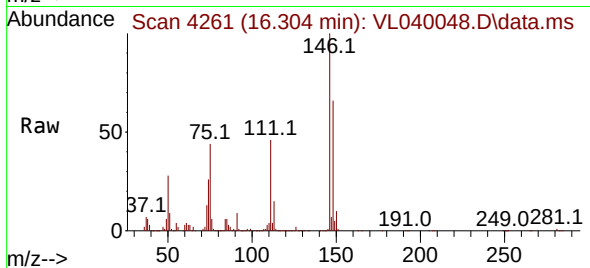
77 23.1 17.4 26.0





#75
1,3-Dichlorobenzene
Concen: 8.269 ppbv
RT: 16.304 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

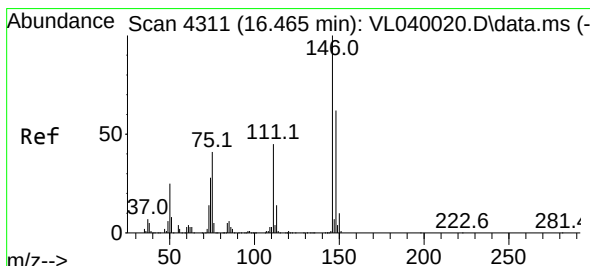
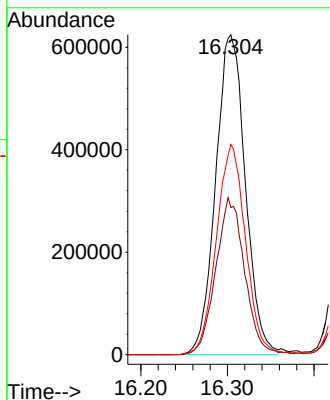
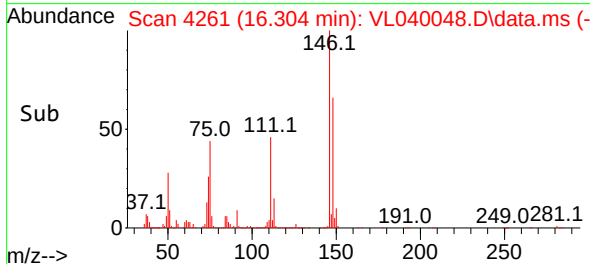
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



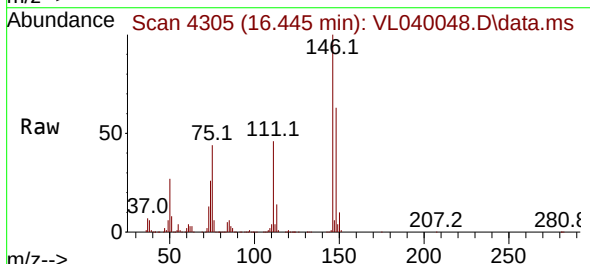
Tgt Ion:146 Resp: 148360
Ion Ratio Lower Upper
146 100
111 47.9 23.3 69.9
148 65.0 32.2 96.6

Manual Integrations
APPROVED

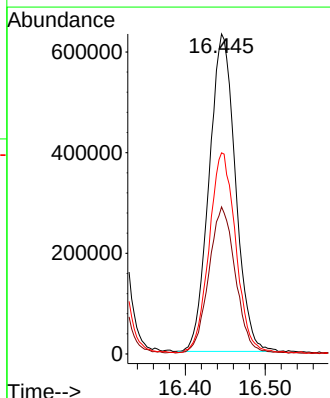
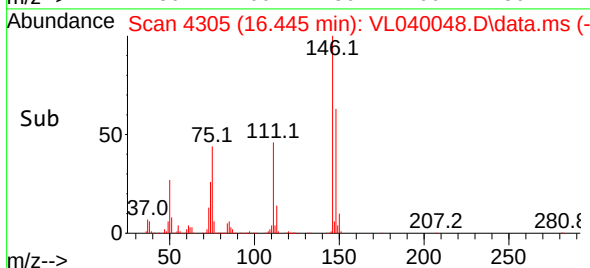
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

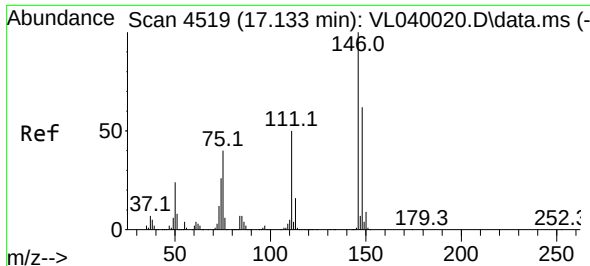


#76
1,4-Dichlorobenzene
Concen: 8.144 ppbv
RT: 16.445 min Scan# 4305
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13



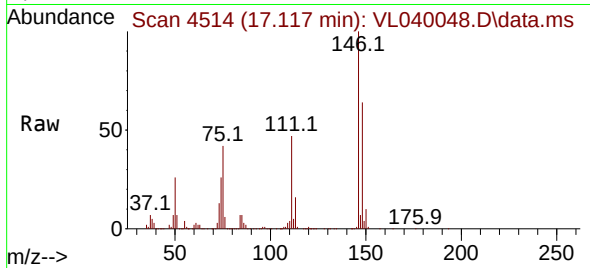
Tgt Ion:146 Resp: 1442522
Ion Ratio Lower Upper
146 100
111 47.4 22.4 67.3
148 64.1 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 8.429 ppbv
RT: 17.117 min Scan# 4519
Delta R.T. 0.007 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

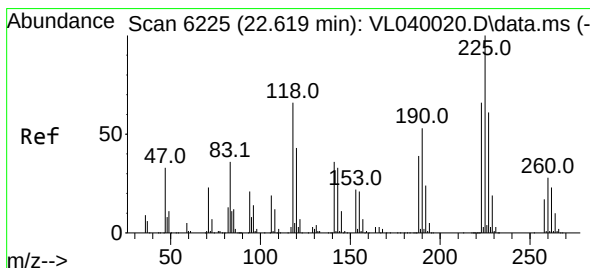
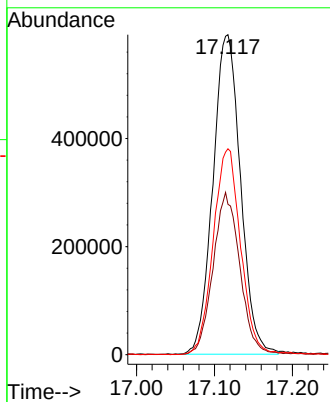
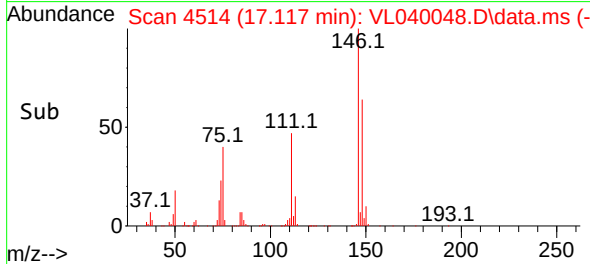
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



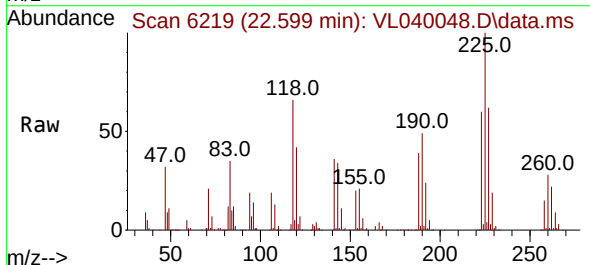
Tgt Ion:146 Resp: 145459
Ion Ratio Lower Upper
146 100
111 49.3 24.1 72.3
148 64.5 32.4 97.2

Manual Integrations
APPROVED

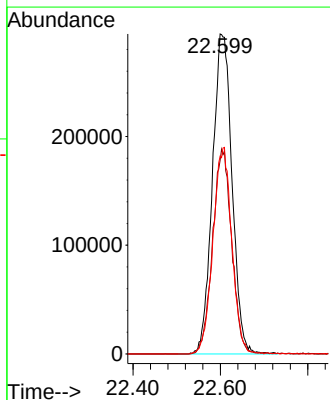
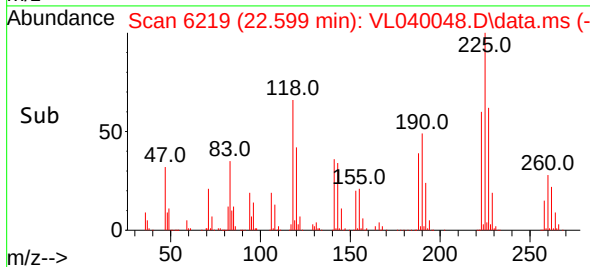
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

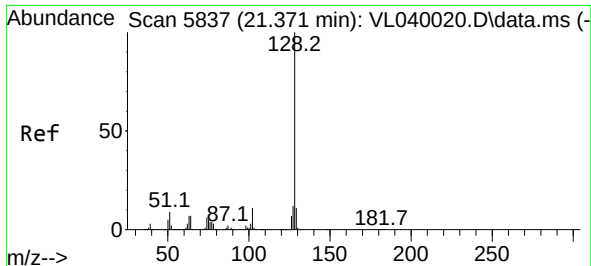


#78
Hexachloro-1,3-Butadiene
Concen: 7.663 ppbv m
RT: 22.599 min Scan# 6219
Delta R.T. 0.000 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13



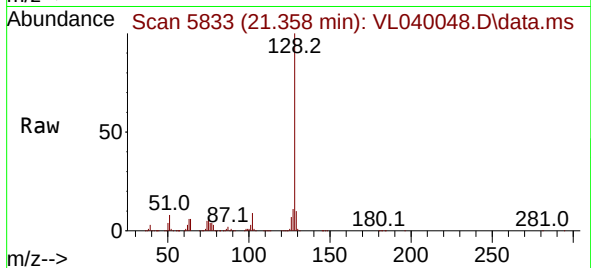
Tgt Ion:225 Resp: 914145
Ion Ratio Lower Upper
225 100
223 62.3 50.7 76.1
227 62.2 50.8 76.2





#79
Naphthalene
Concen: 9.217 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. 0.010 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

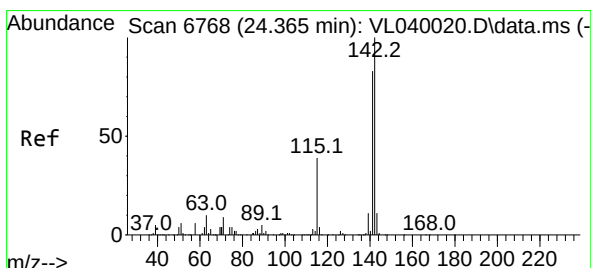
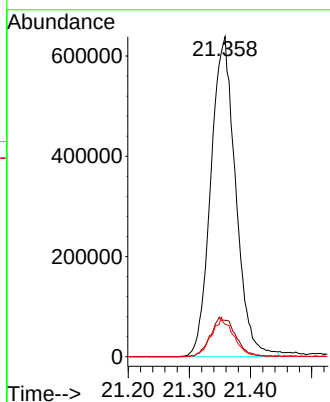
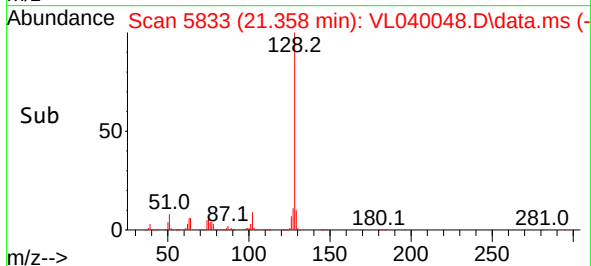
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



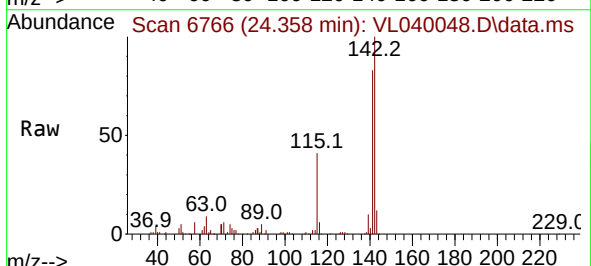
Tgt Ion:128 Resp: 179903
Ion Ratio Lower Upper
128 100
127 11.4 10.0 15.0
129 10.1 8.8 13.2

Manual Integrations
APPROVED

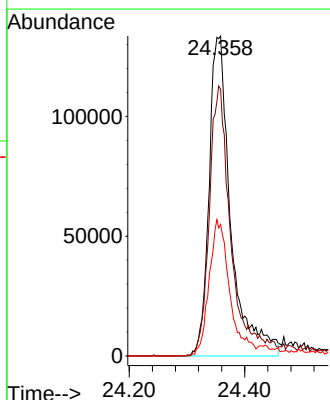
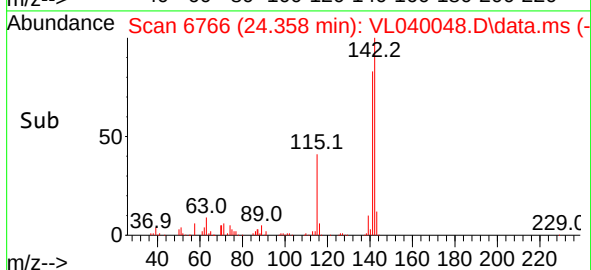
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

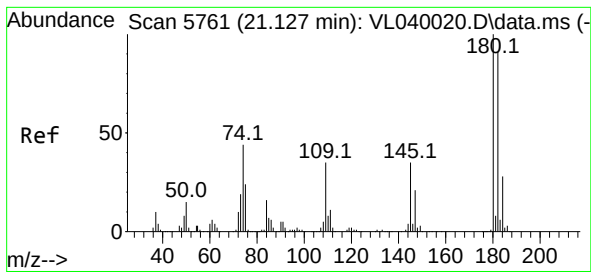


#80
Naphthalene,2-methyl-
Concen: 6.263 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. 0.010 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13



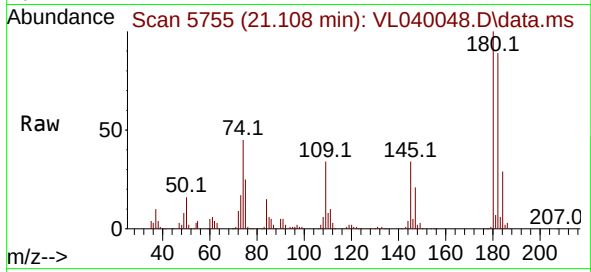
Tgt Ion:142 Resp: 350783
Ion Ratio Lower Upper
142 100
141 85.6 69.1 103.7
115 43.3 29.6 44.4





#81
1,2,4-Trichlorobenzene
Concen: 8.166 ppbv
RT: 21.108 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040048.D
Acq: 20 Dec 2022 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 943870
Ion Ratio Lower Upper
180 100
182 97.2 77.0 115.6
184 30.3 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

