

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039746.D
 Acq On : 21 Oct 2022 15:04
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 21 15:35:22 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

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

QLast Update : Fri Oct 21 14:16:04 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.202	49	897653	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2725356	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2624727	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1801776 9.196 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1382631	13.286	ppbv	99
3) Chlorodifluoromethane	2.694	51	1813264	17.022	ppbv	99
4) Chloromethane	2.832	50	1151734	17.917	ppbv	93
5) Vinyl Chloride	2.938	62	972961	18.159	ppbv	97
6) Bromomethane	3.137	94	341647	17.289	ppbv	95
7) Chloroethane	3.214	64	368105	18.785	ppbv	90
8) Dichlorotetrafluoroethane	2.874	85	1905404	15.264	ppbv	97
9) Propene	2.710	41	901788	18.535	ppbv	98
10) Heptane	7.581	43	2160574	19.031	ppbv	99
11) Trichlorofluoromethane	3.578	101	2193604	17.021	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.079	101	1742657	17.903	ppbv	99
13) Ethanol	3.263	45	52308m	14.111	ppbv	
14) Bromoethene	3.382	108	713439	18.359	ppbv	97
15) Acetone	3.481	43	1711431	17.134	ppbv	99
16) 1,3-Butadiene	3.002	39	959236	18.930	ppbv	96
17) tert-Butyl alcohol	3.890	59	1648962	18.396	ppbv	99
18) 1,1-Dichloroethene	3.893	96	767593	17.922	ppbv	100
19) Isopropyl Alcohol	3.587	45	972856	19.107	ppbv #	97
20) Methylene Chloride	3.944	84	657278	14.232	ppbv	98
21) Allyl Chloride	4.009	41	1265437	18.605	ppbv	95
22) trans-1,2-Dichloroethene	4.456	96	828609	19.557	ppbv	97
23) Vinyl Acetate	4.636	43	790174	17.500	ppbv #	98
24) 1,1-Dichloroethane	4.575	63	1666782	18.537	ppbv	99
25) Ethyl Acetate	5.211	43	3456811	15.871	ppbv	99
26) Hexane	5.221	57	1430990	15.482	ppbv	97
27) Carbon Disulfide	4.137	76	2026986	20.867	ppbv	99
28) Methyl tert-Butyl Ether	4.597	73	1438846	18.529	ppbv	100
29) Chloroform	5.282	83	2226679	16.687	ppbv	97
30) Cyclohexane	6.607	84	1318953	18.427	ppbv	97
31) cis-1,2-Dichloroethene	5.086	61	1325184	15.852	ppbv	96
32) 1,1,1-Trichloroethane	6.009	97	2289833	18.956	ppbv	98
34) 2-Butanone	4.796	43	2000046	14.941	ppbv	100
35) Carbon Tetrachloride	6.497	117	2388555	16.509	ppbv	99
36) Benzene	6.375	78	3334956	16.006	ppbv	98
37) 1,2-Dichloroethane	5.812	62	1760665	15.526	ppbv	100
38) Trichloroethene	7.291	130	1873005	16.633	ppbv	95
39) 1,2-Dichloropropane	7.076	63	1272240	15.812	ppbv	98
40) 1,4-Dioxane	7.291	88	413130m	12.575	ppbv	
41) Tetrahydrofuran	5.562	42	1390026	16.926	ppbv	99
42) Bromodichloromethane	7.250	83	2567689	16.278	ppbv	98
43) Methyl Methacrylate	7.478	69	1342649	17.677	ppbv	98
44) 2,2,4-Trimethylpentane	7.327	57	5467453	15.224	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	1281119m	19.960	ppbv	

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Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

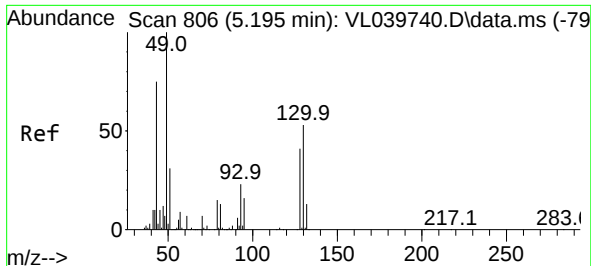
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Oct 21 14:16:04 2022

Response via : Initial Calibration

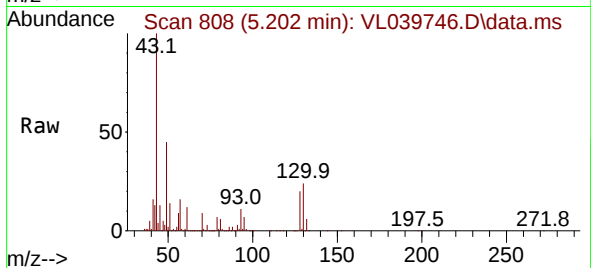
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.144	75	1734788m	18.986	ppbv	
47) 1,1,2-Trichloroethane	8.899	97	1361055	15.476	ppbv	96
48) Dibromochloromethane	9.706	129	2271650	17.153	ppbv	99
49) Bromoform	12.401	173	1916518	17.497	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	3525384	16.760	ppbv	100
51) 2-Hexanone	9.549	43	2736555	17.574	ppbv #	98
52) Tetrachloroethene	10.610	164	1233395	15.516	ppbv	95
53) Toluene	9.217	91	3885348	16.766	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1554426	16.522	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.504	131	1602292	15.106	ppbv	97
57) Chlorobenzene	11.523	112	2865606	14.847	ppbv	97
58) Ethyl Benzene	12.085	91	5022842	16.597	ppbv	98
59) m/p-Xylene	12.368	91	8358303m	31.034	ppbv	
60) o-Xylene	13.057	91	4038313	15.702	ppbv	98
61) Styrene	12.893	104	2510191	18.122	ppbv	98
62) Isopropylbenzene	14.024	105	5776841	14.927	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.044	83	1436945	14.007	ppbv	100
64) n-propylbenzene	14.912	120	1519133	15.329	ppbv	99
65) tert-Butylbenzene	16.089	119	5033351	14.721	ppbv	100
66) Benzyl Chloride	16.320	91	426609	15.670	ppbv	99
67) sec-Butylbenzene	16.635	105	7065306	14.732	ppbv	100
69) p-Isopropyltoluene	16.989	119	5842738	14.827	ppbv	99
70) n-Butylbenzene	17.883	91	5783548	14.972	ppbv	100
71) 2-Chlorotoluene	14.796	91	4314746	15.442	ppbv	99
72) 4-Ethyltoluene	15.191	105	4587719	15.625	ppbv	97
73) 1,3,5-Trimethylbenzene	15.349	105	4151700	15.453	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	4448625	14.772	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	2670791	14.863	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	2601257	14.471	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	2504981m	14.295	ppbv	
78) Hexachloro-1,3-Butadiene	22.625	225	1629905	12.173	ppbv	99
79) Naphthalene	21.371	128	3296753	16.588	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	1377936	18.439	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	1848430	14.160	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

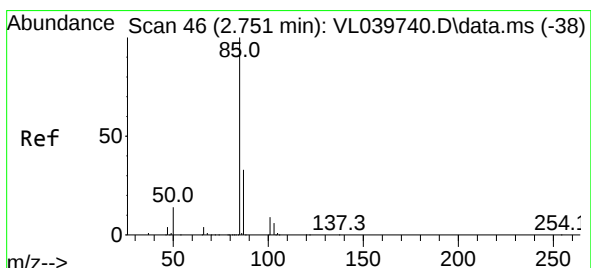
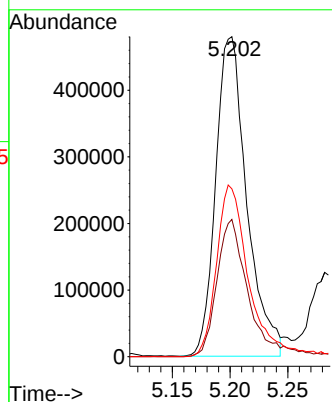
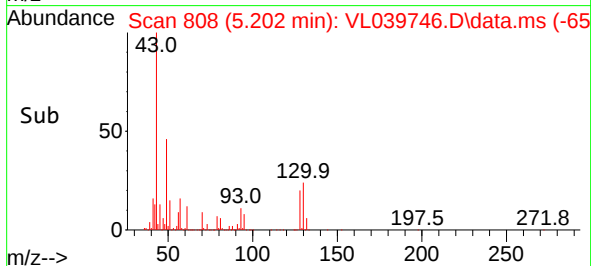
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 49 Resp: 89765
Ion Ratio Lower Upper
49 100
128 44.6 22.6 67.8
130 57.2 29.0 87.0

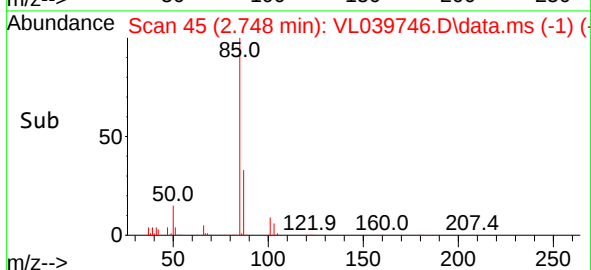
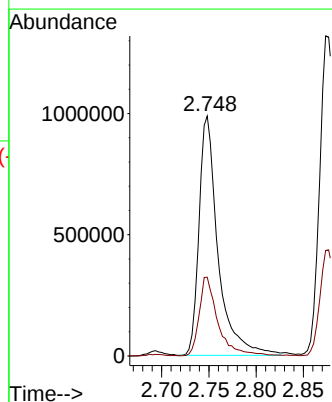
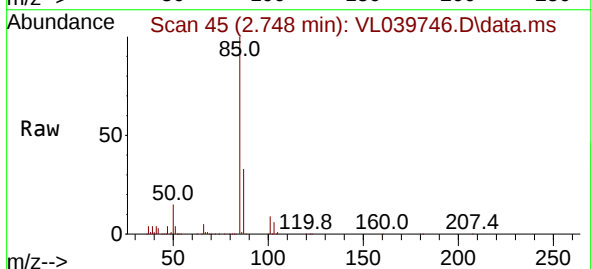
Manual Integrations
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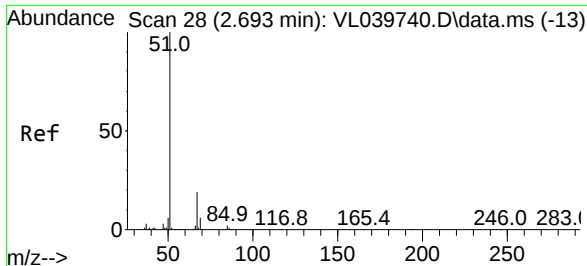
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#2
Dichlorodifluoromethane
Concen: 13.286 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

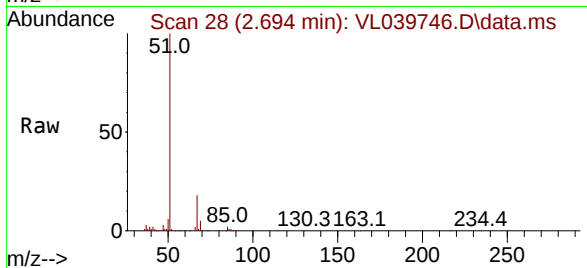
Tgt Ion: 85 Resp: 1382631
Ion Ratio Lower Upper
85 100
87 32.8 26.6 40.0





#3
Chlorodifluoromethane
Concen: 17.022 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

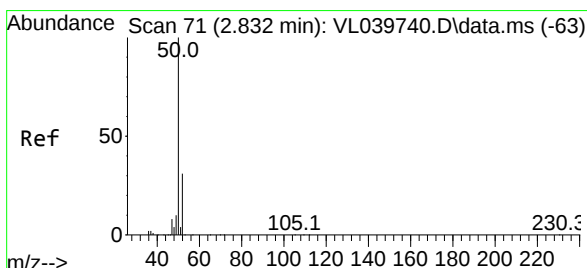
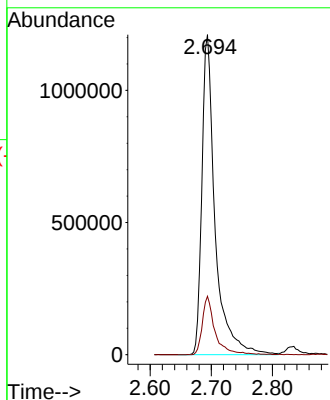
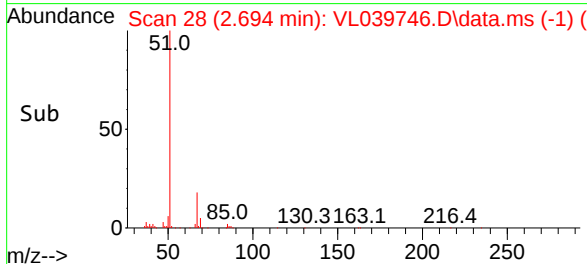
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



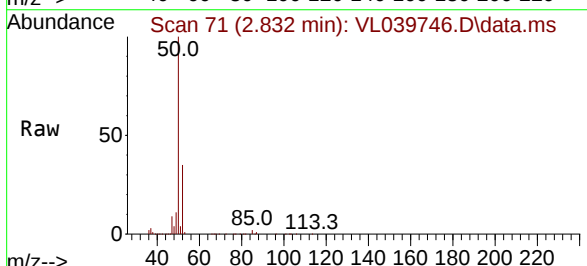
Tgt Ion: 51 Resp: 1813264
Ion Ratio Lower Upper
51 100
67 17.8 14.6 21.8

Manual Integrations
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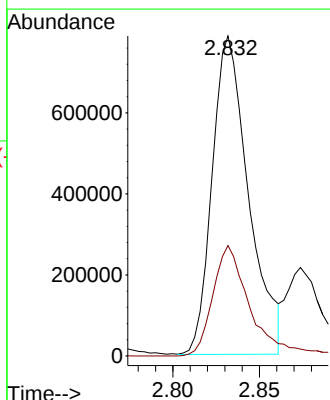
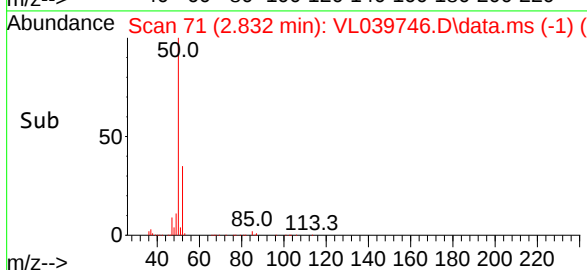
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

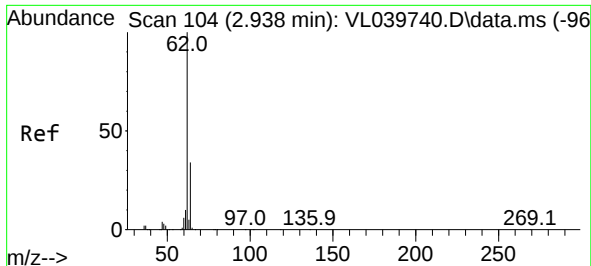


#4
Chloromethane
Concen: 17.917 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



Tgt Ion: 50 Resp: 1151734
Ion Ratio Lower Upper
50 100
52 34.7 24.8 37.2





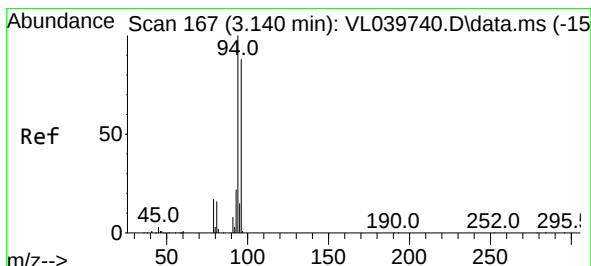
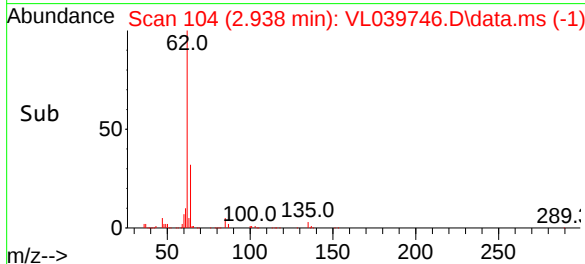
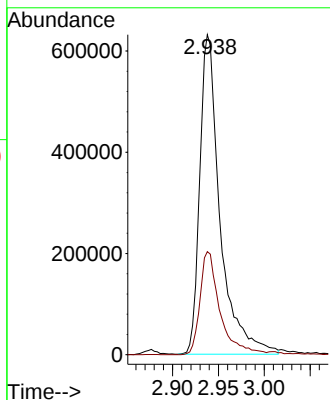
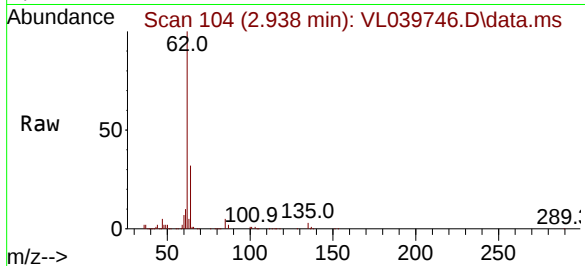
#5
 Vinyl Chloride
 Concen: 18.159 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 62 Resp: 97296
 Ion Ratio Lower Upper
 62 100
 64 32.2 27.1 40.7

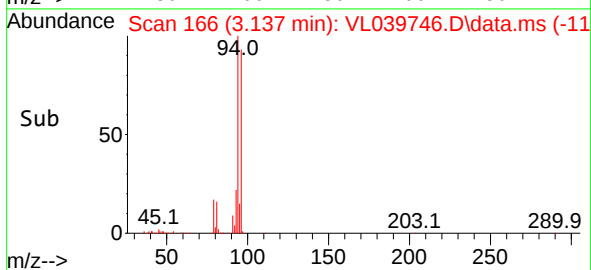
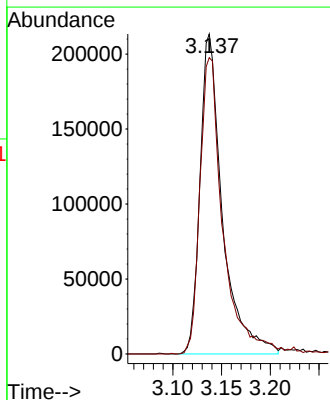
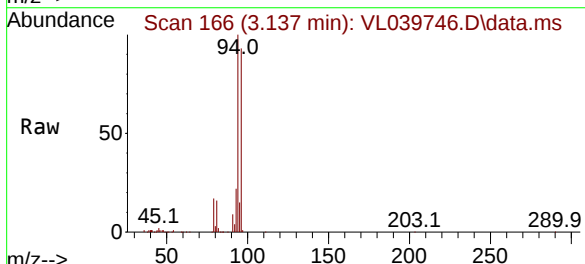
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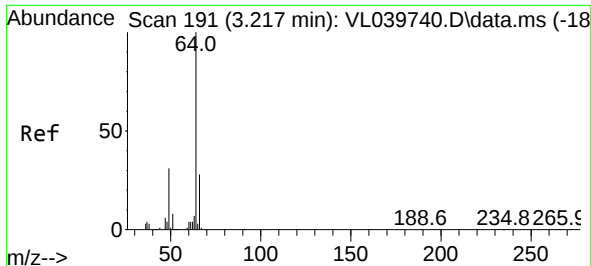
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#6
 Bromomethane
 Concen: 17.289 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

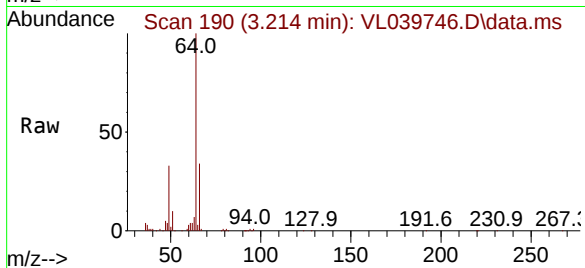
Tgt Ion: 94 Resp: 341647
 Ion Ratio Lower Upper
 94 100
 96 92.6 70.5 105.7





#7
Chloroethane
Concen: 18.785 ppbv
RT: 3.214 min Scan# 191
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

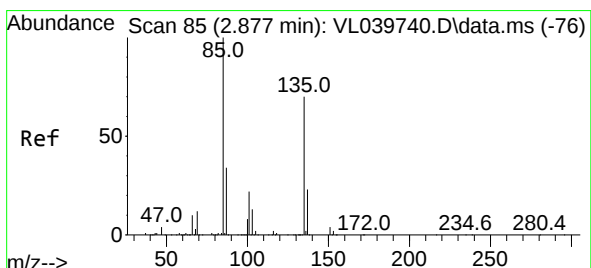
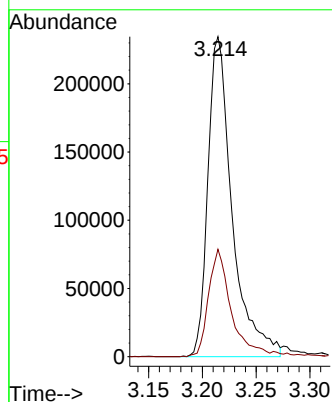
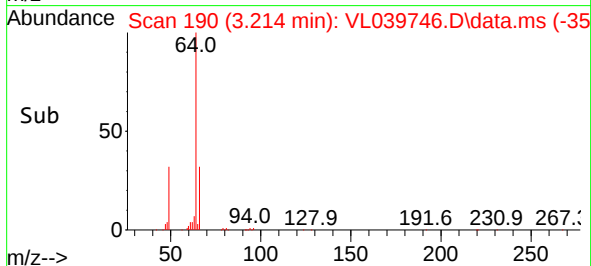
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 64 Resp: 36810
Ion Ratio Lower Upper
64 100
66 33.6 22.6 34.0

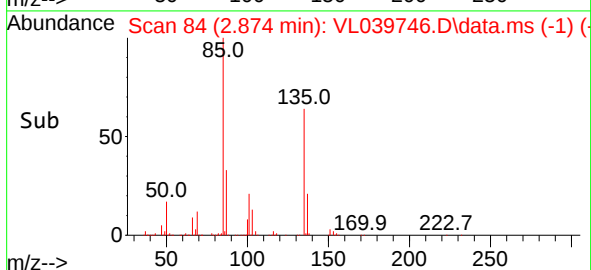
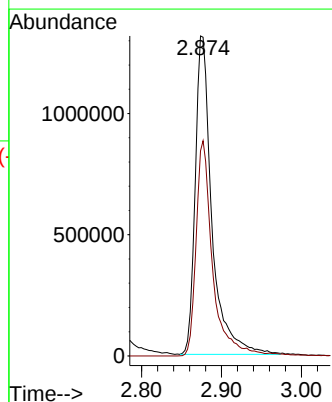
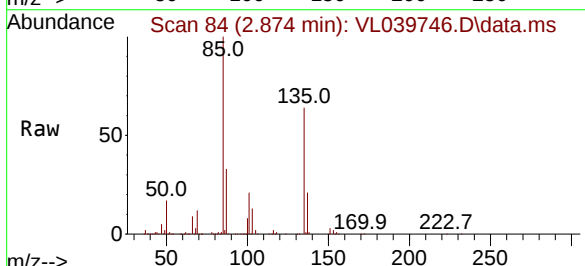
Manual Integrations
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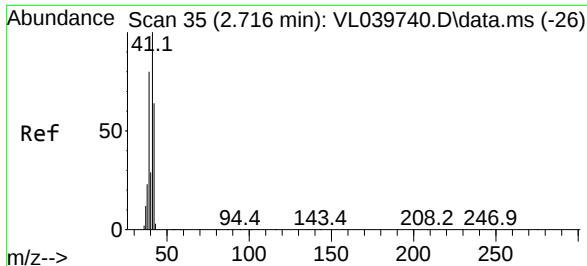
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#8
Dichlorotetrafluoroethane
Concen: 15.264 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

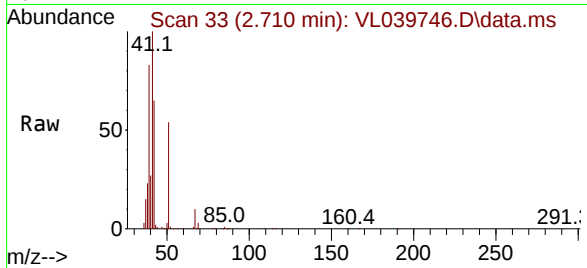
Tgt Ion: 85 Resp: 1905404
Ion Ratio Lower Upper
85 100
135 67.9 56.1 84.1





#9
 Propene
 Concen: 18.535 ppbv
 RT: 2.710 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

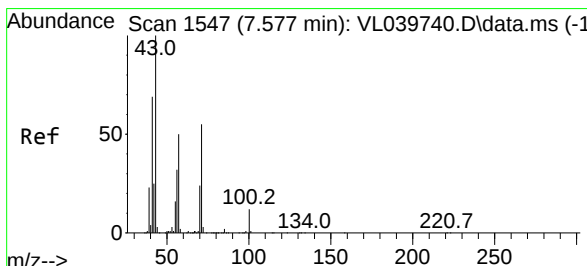
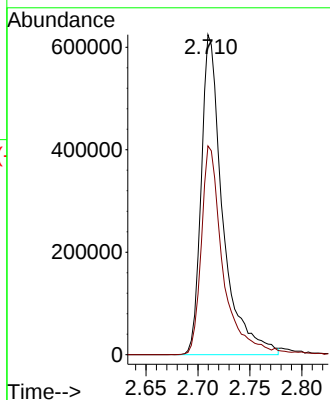
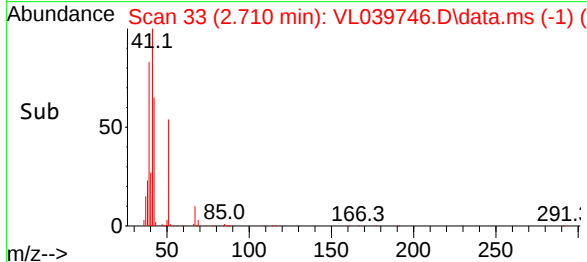
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



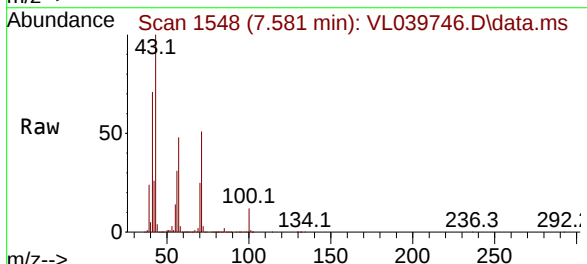
Tgt Ion: 41 Resp: 901788
 Ion Ratio Lower Upper
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 42 66.7 54.4 81.6

Manual Integrations
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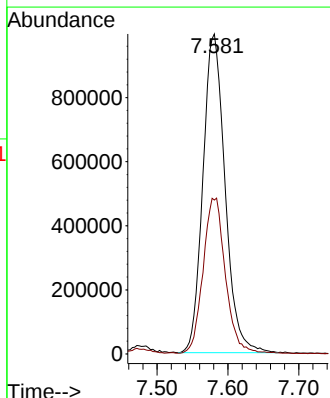
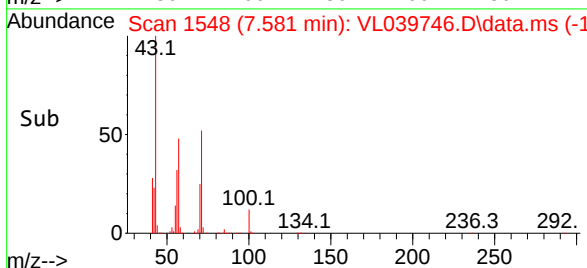
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

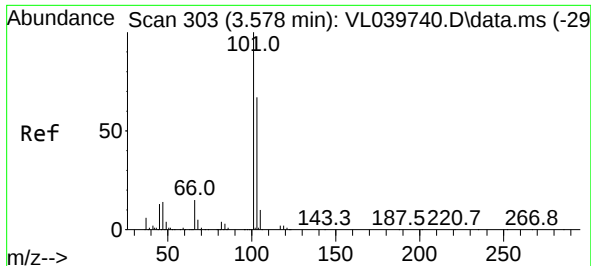


#10
 Heptane
 Concen: 19.031 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.003 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04



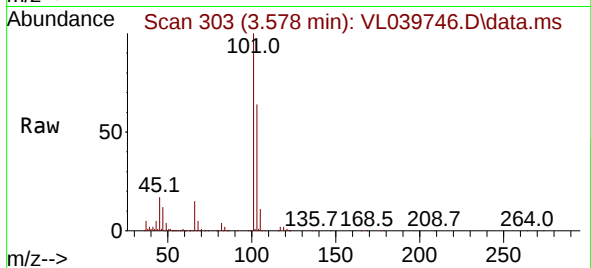
Tgt Ion: 43 Resp: 2160574
 Ion Ratio Lower Upper
 43 100
 57 49.6 40.0 60.0





#11
Trichlorofluoromethane
Concen: 17.021 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

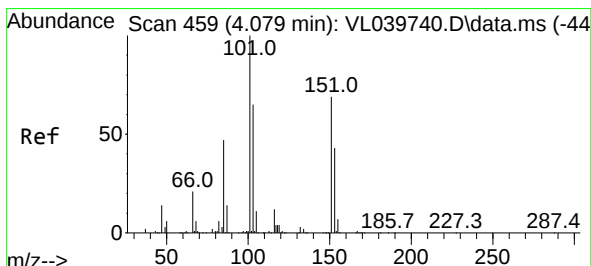
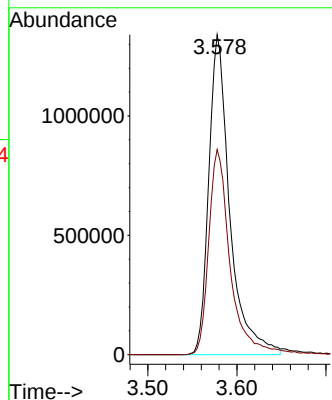
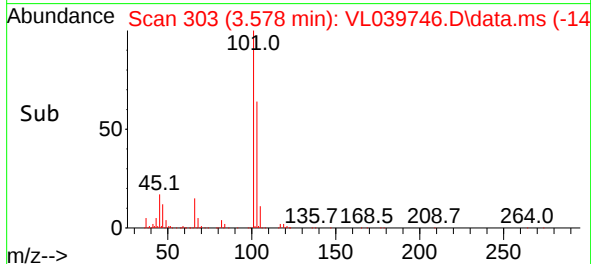
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



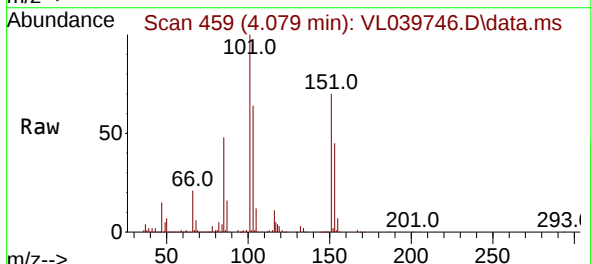
Tgt Ion:101 Resp: 2193604
Ion Ratio Lower Upper
101 100
103 64.1 53.2 79.8

Manual Integrations
APPROVED

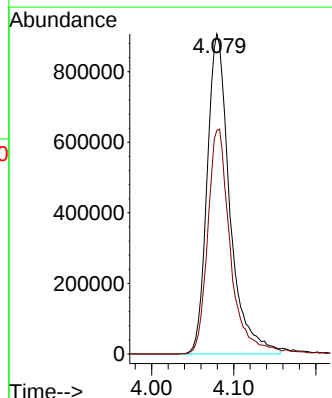
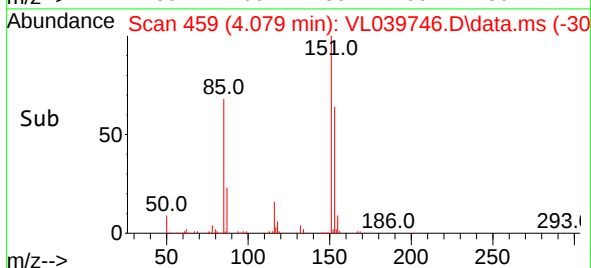
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

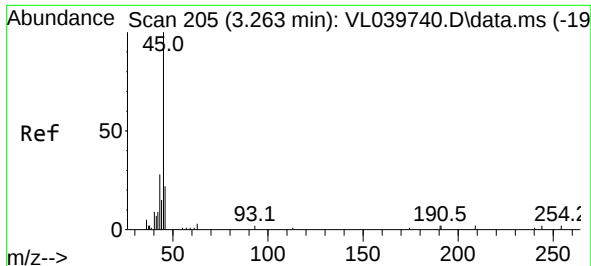


#12
1,1,2-Trichlorotrifluoroethane
Concen: 17.903 ppbv
RT: 4.079 min Scan# 459
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



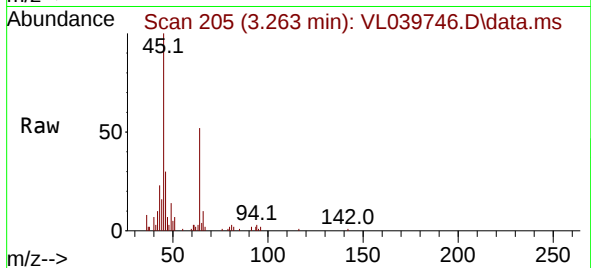
Tgt Ion:101 Resp: 1742657
Ion Ratio Lower Upper
101 100
151 71.3 58.0 87.0





#13
Ethanol
Concen: 14.111 ppbv m
RT: 3.263 min Scan# 205
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

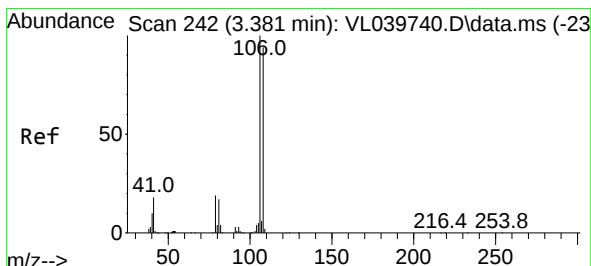
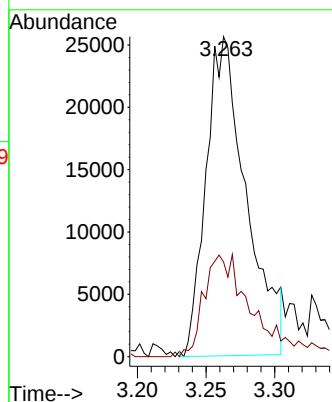
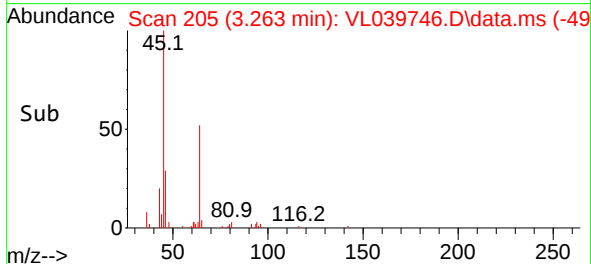
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



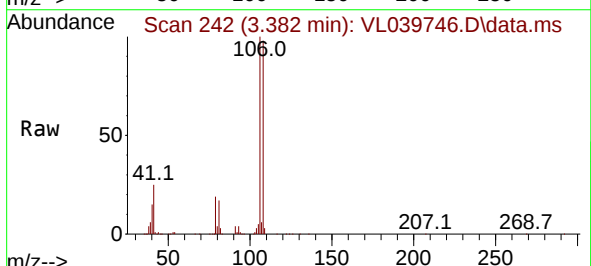
Tgt Ion: 45 Resp: 52308
Ion Ratio Lower Upper
45 100
46 39.3 14.8 59.2

Manual Integrations
APPROVED

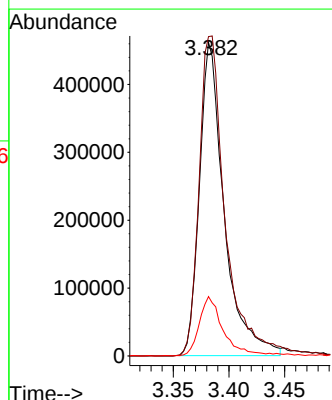
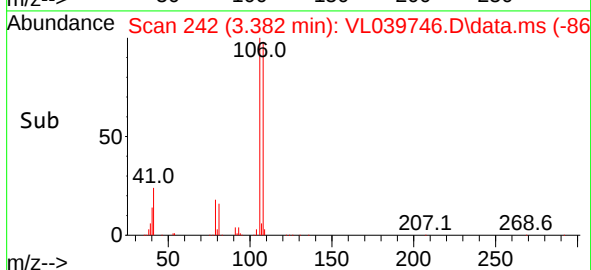
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

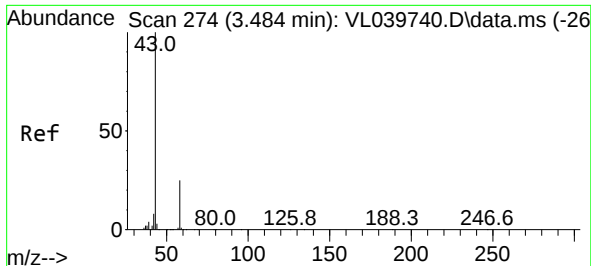


#14
Bromoethene
Concen: 18.359 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



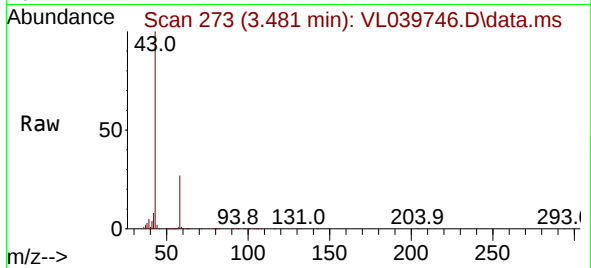
Tgt Ion:108 Resp: 713439
Ion Ratio Lower Upper
108 100
106 109.7 90.2 135.4
79 19.4 16.2 24.2





#15
Acetone
Concen: 17.134 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

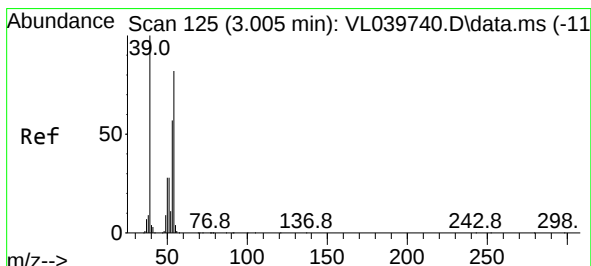
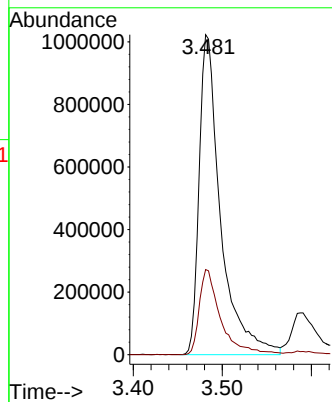
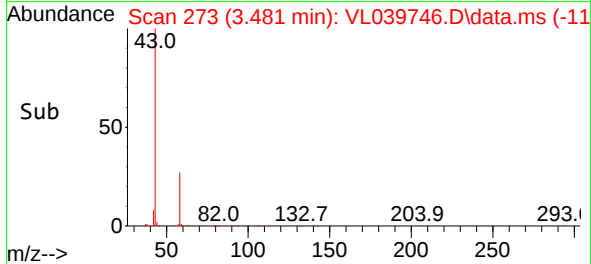
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



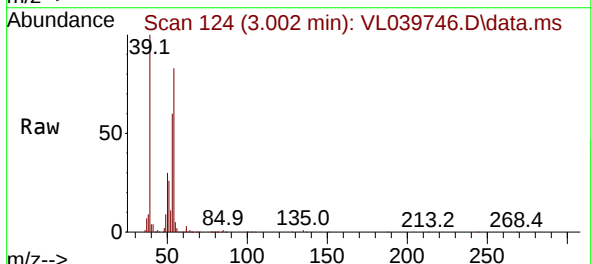
Tgt Ion: 43 Resp: 171143
Ion Ratio Lower Upper
43 100
58 26.6 20.9 31.3

Manual Integrations
APPROVED

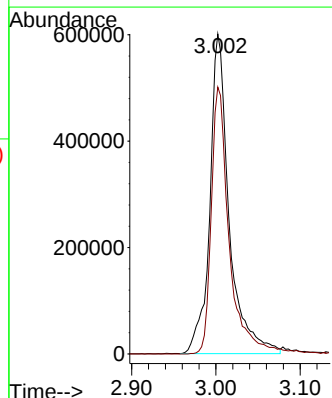
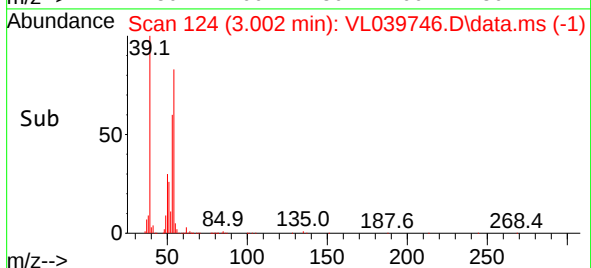
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

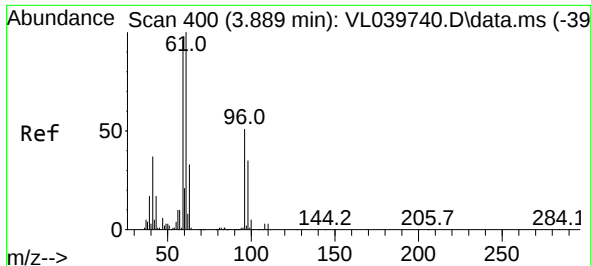


#16
1,3-Butadiene
Concen: 18.930 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



Tgt Ion: 39 Resp: 959236
Ion Ratio Lower Upper
39 100
54 78.4 65.2 97.8





#17

tert-Butyl alcohol

Concen: 18.396 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 59 Resp: 164896

Ion Ratio Lower Upper

59 100

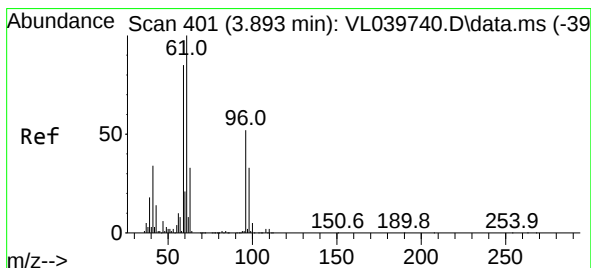
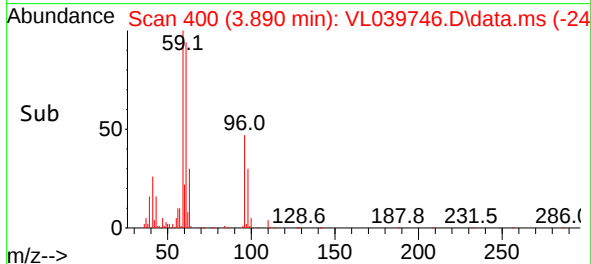
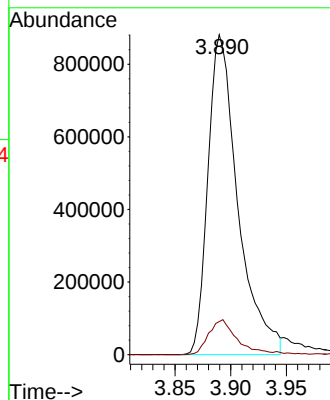
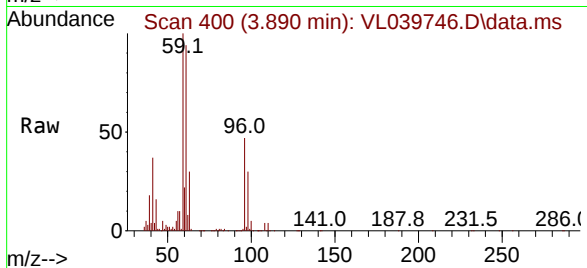
57 10.8 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#18

1,1-Dichloroethene

Concen: 17.922 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

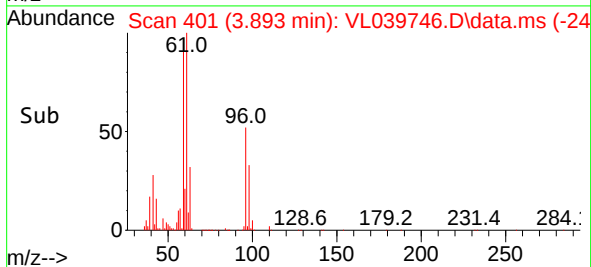
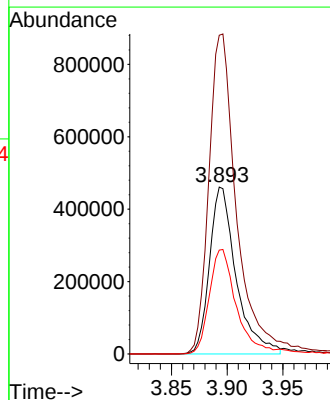
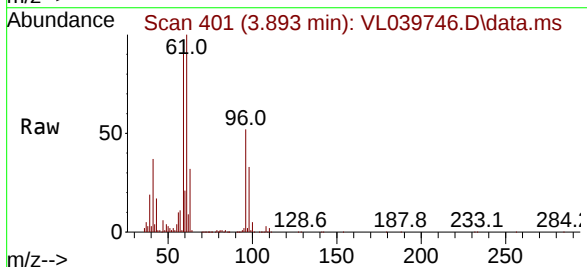
Tgt Ion: 96 Resp: 767593

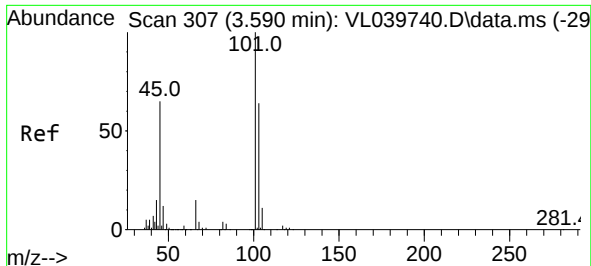
Ion Ratio Lower Upper

96 100

61 191.0 152.7 229.1

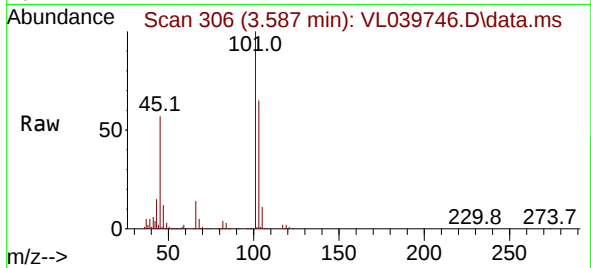
98 62.1 50.2 75.2





#19
Isopropyl Alcohol
Concen: 19.107 ppbv
RT: 3.587 min Scan# 306
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

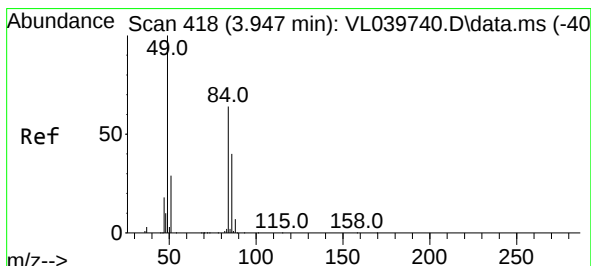
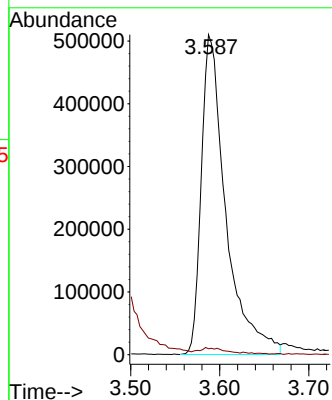
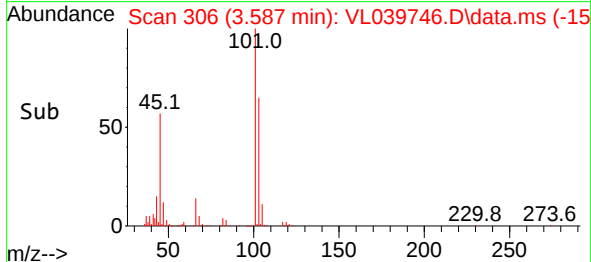
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



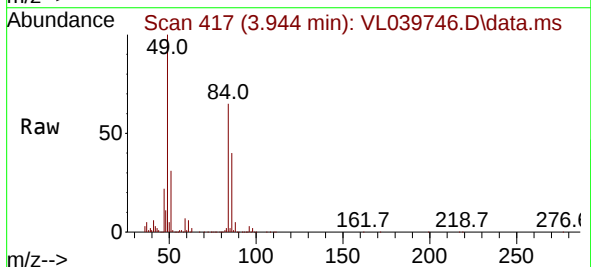
Tgt Ion: 45 Resp: 972850
Ion Ratio Lower Upper
45 100
58 3.0 3.3 4.9

Manual Integrations
APPROVED

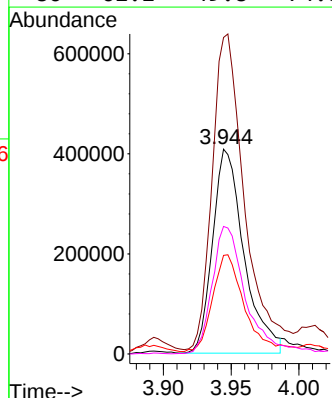
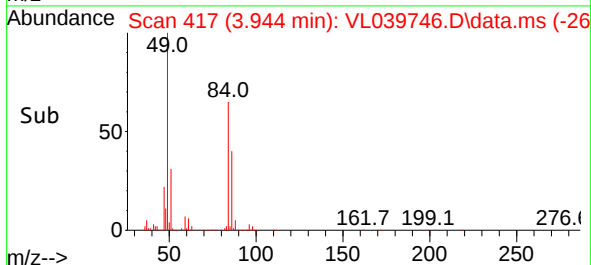
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

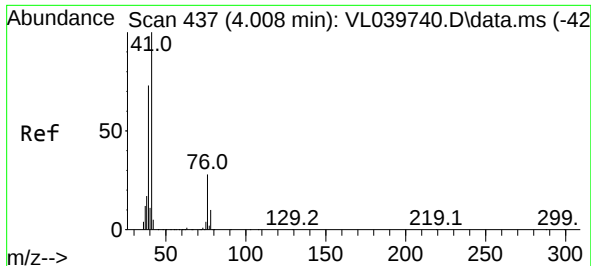


#20
Methylene Chloride
Concen: 14.232 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



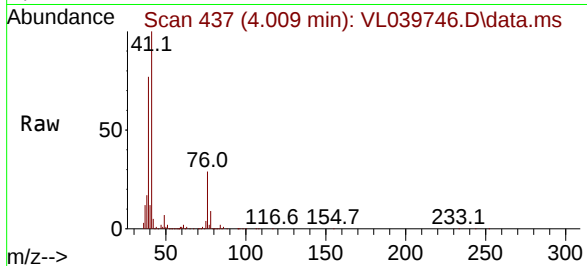
Tgt Ion: 84 Resp: 657278
Ion Ratio Lower Upper
84 100
49 152.8 124.2 186.4
51 47.1 36.6 54.8
86 62.2 49.8 74.8





#21
 Allyl Chloride
 Concen: 18.605 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

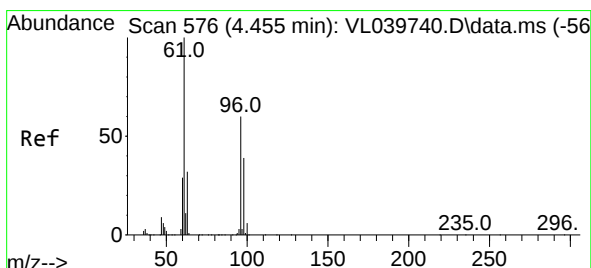
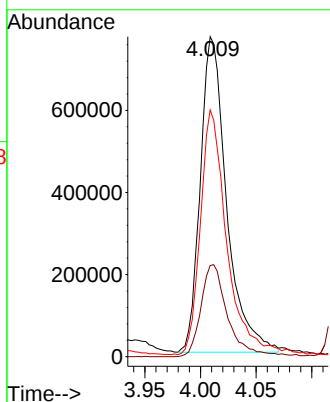
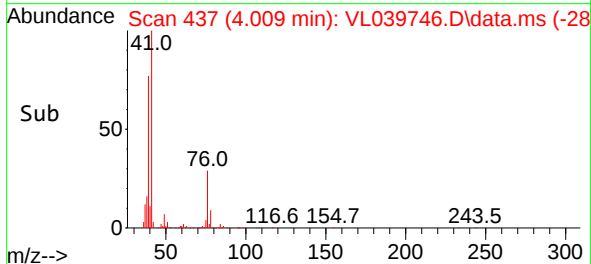
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



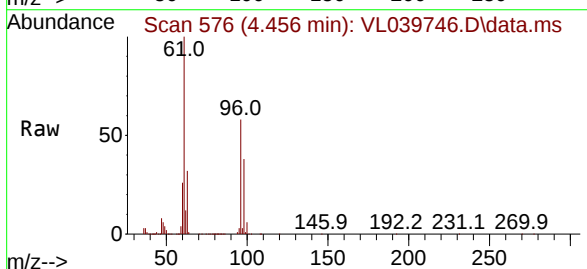
Tgt Ion: 41 Resp: 126543
 Ion Ratio Lower Upper
 41 100
 76 29.7 23.5 35.3
 39 78.6 67.4 101.2

Manual Integrations
 APPROVED

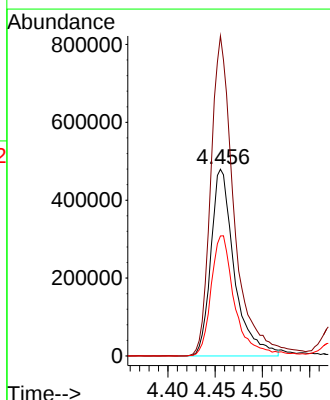
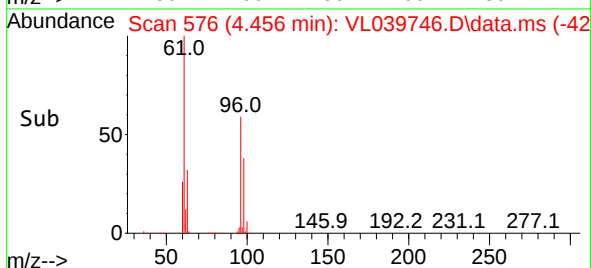
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

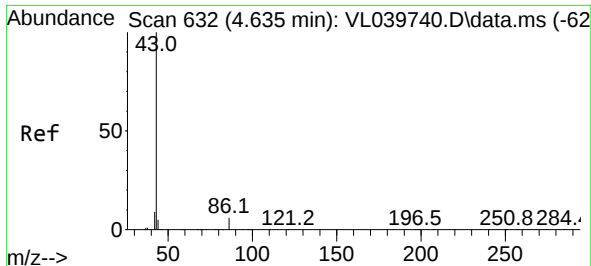


#22
 trans-1,2-Dichloroethene
 Concen: 19.557 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04



Tgt Ion: 96 Resp: 828609
 Ion Ratio Lower Upper
 96 100
 61 171.4 132.9 199.3
 98 64.3 51.6 77.4





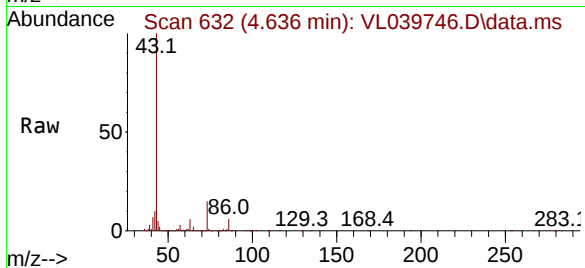
#23
 Vinyl Acetate
 Concen: 17.500 ppbv
 RT: 4.636 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

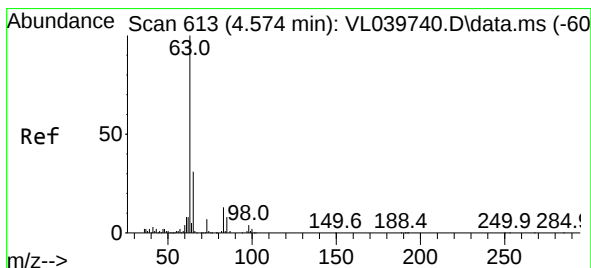
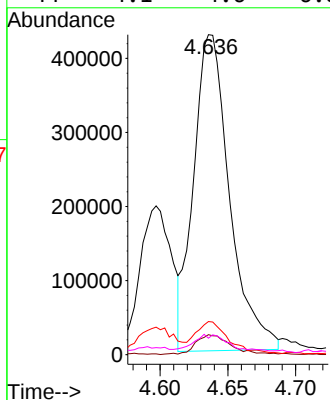
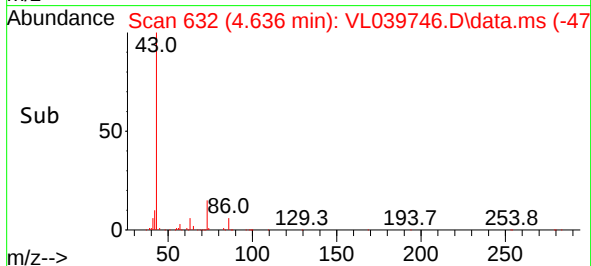


Tgt Ion: 43 Resp: 790174
 Ion Ratio Lower Upper
 43 100
 86 6.3 4.3 6.5
 42 10.3 7.9 11.9
 44 4.1 4.6 6.8#

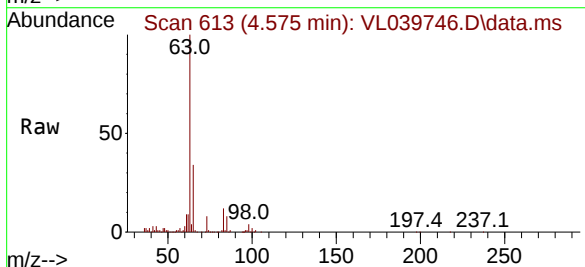
Manual Integrations

APPROVED

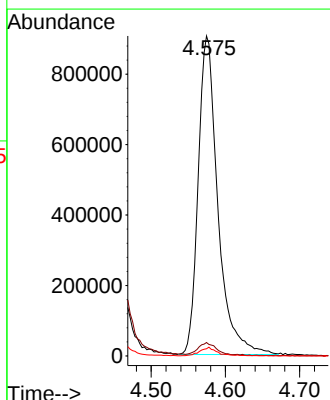
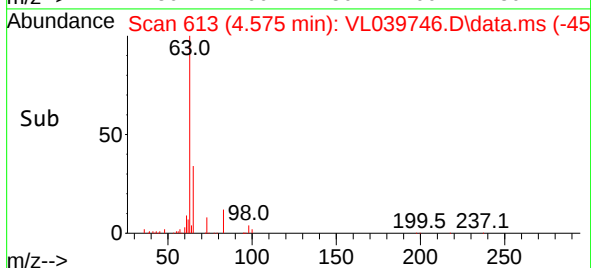
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

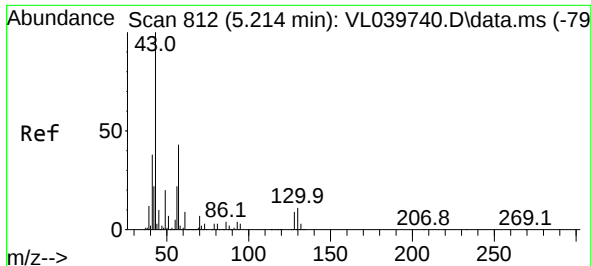


#24
 1,1-Dichloroethane
 Concen: 18.537 ppbv
 RT: 4.575 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04



Tgt Ion: 63 Resp: 1666782
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.5
 100 2.2 1.2 3.6





#25

Ethyl Acetate

Concen: 15.871 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 345681

Ion Ratio Lower Upper

43 100

45 10.5 8.1 12.1

61 10.3 7.5 11.3

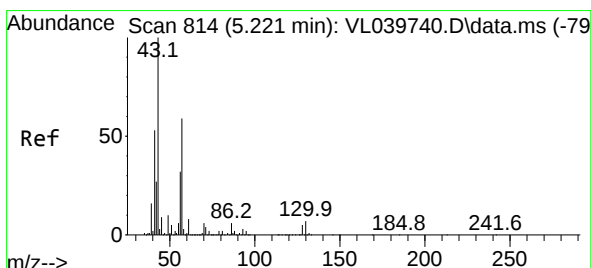
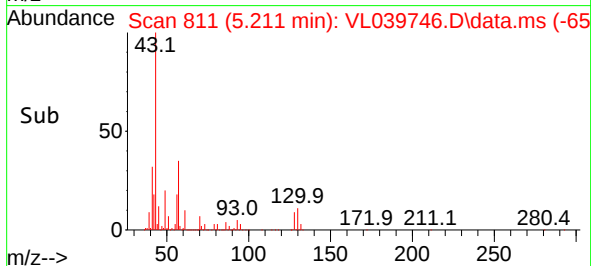
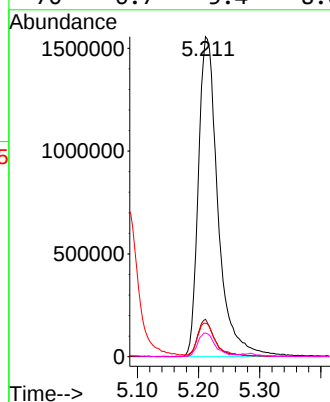
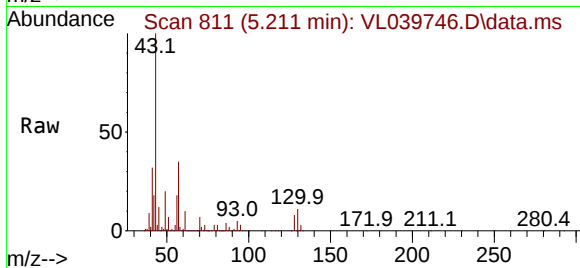
70 6.7 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#26

Hexane

Concen: 15.482 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Tgt Ion: 57 Resp: 1430990

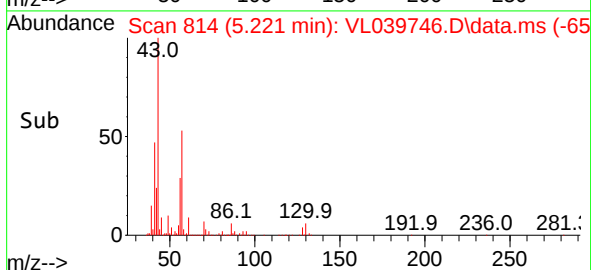
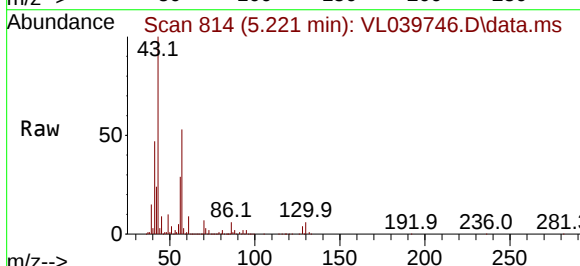
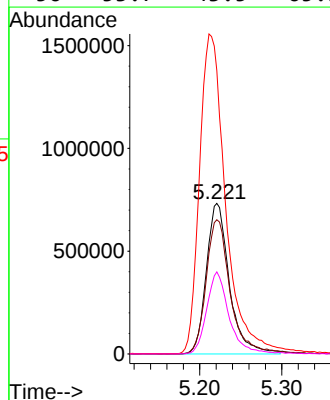
Ion Ratio Lower Upper

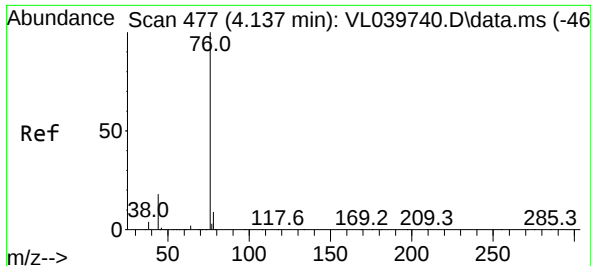
57 100

41 94.5 76.8 115.2

43 243.6 201.0 301.4

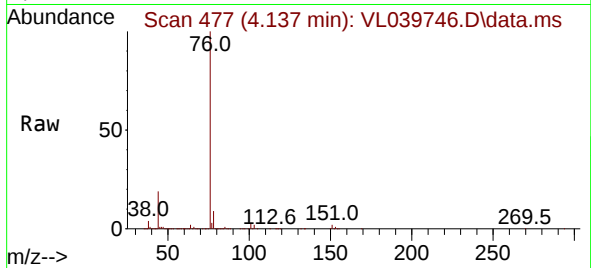
56 53.7 43.5 65.3





#27
Carbon Disulfide
Concen: 20.867 ppbv
RT: 4.137 min Scan# 477
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

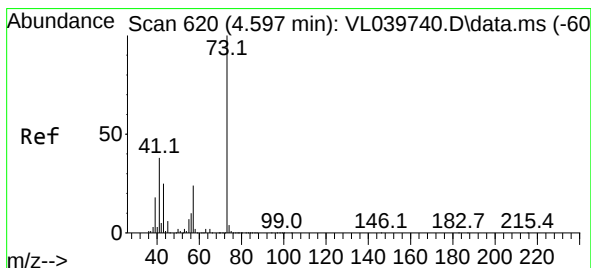
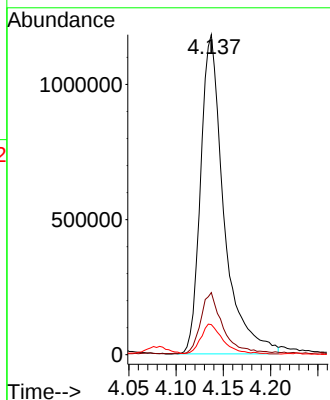
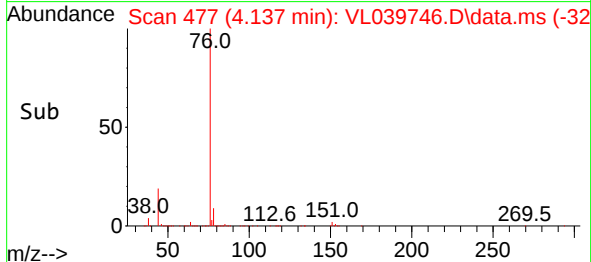
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



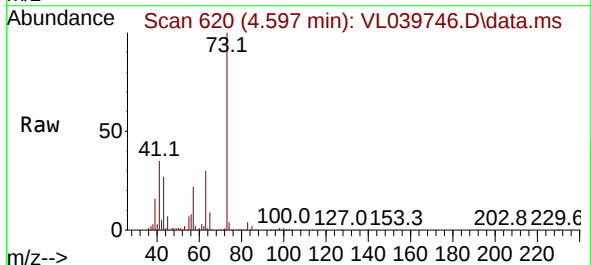
Tgt Ion: 76 Resp: 2026980
Ion Ratio Lower Upper
76 100
44 18.5 14.5 21.7
78 9.6 8.1 12.1

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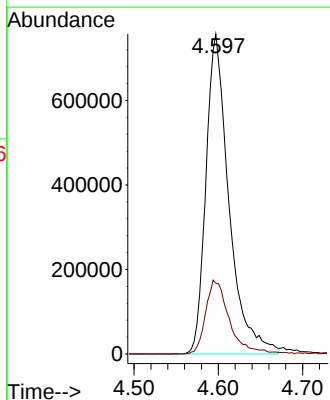
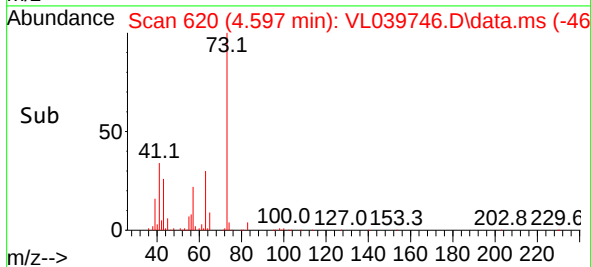
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

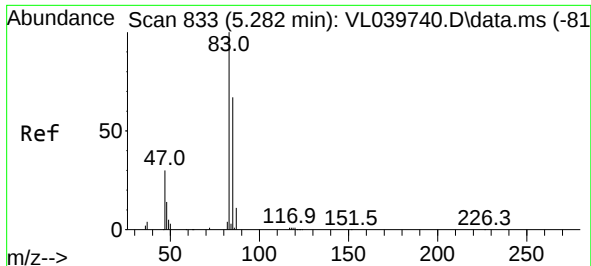


#28
Methyl tert-Butyl Ether
Concen: 18.529 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



Tgt Ion: 73 Resp: 1438846
Ion Ratio Lower Upper
73 100
57 24.2 19.4 29.2





#29

Chloroform

Concen: 16.687 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 2226679

Ion Ratio Lower Upper

83 100

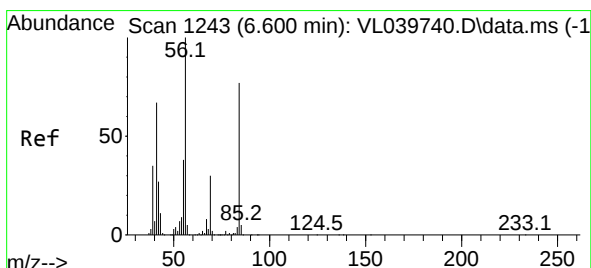
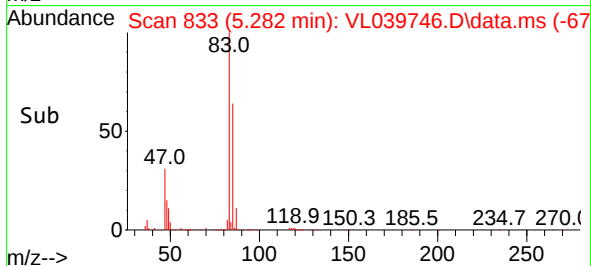
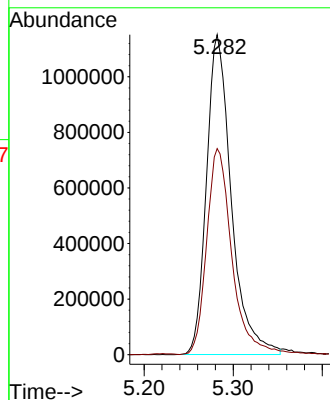
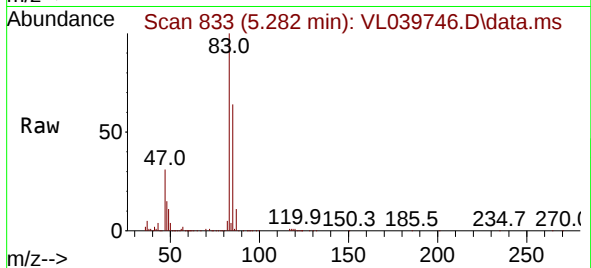
85 64.4 53.5 80.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Cyclohexane

Concen: 18.427 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.007 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

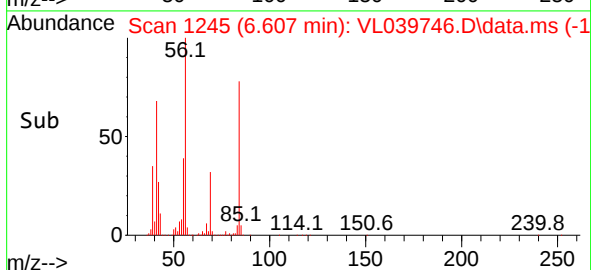
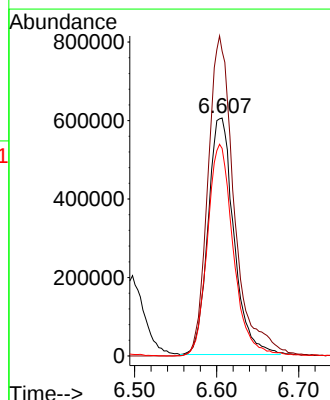
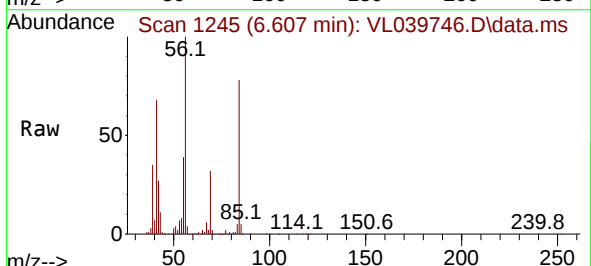
Tgt Ion: 84 Resp: 1318953

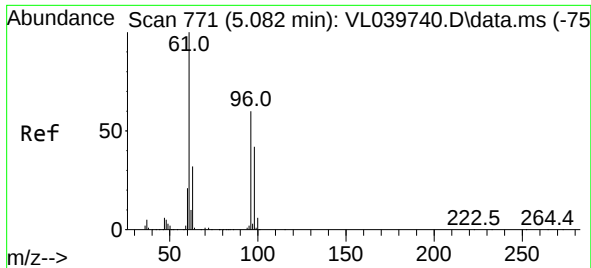
Ion Ratio Lower Upper

84 100

56 139.1 114.2 171.4

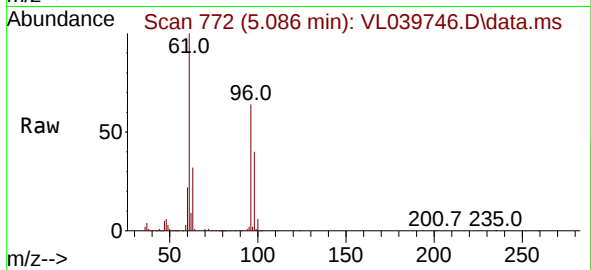
41 90.2 74.2 111.2





#31
cis-1,2-Dichloroethene
Concen: 15.852 ppbv
RT: 5.086 min Scan# 771
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

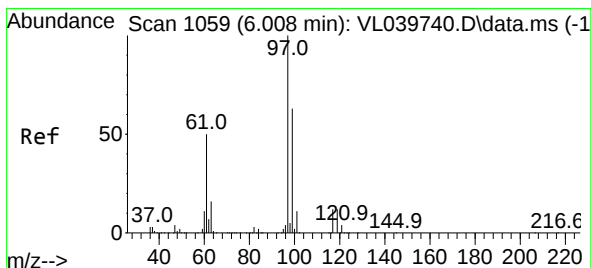
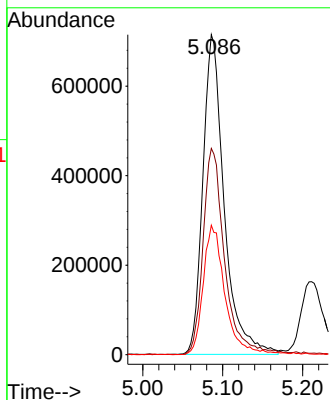
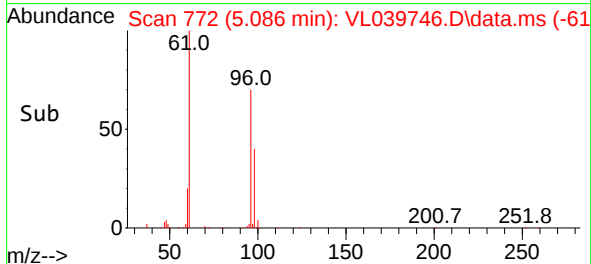
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 61 Resp: 1325184
Ion Ratio Lower Upper
61 100
96 64.4 48.3 72.5
98 40.5 33.2 49.8

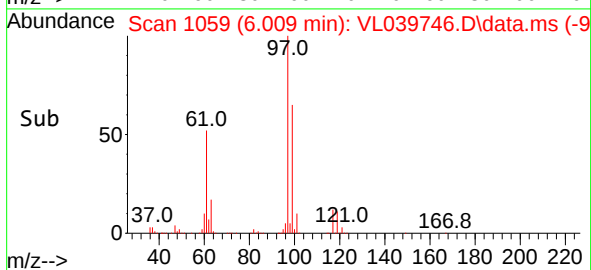
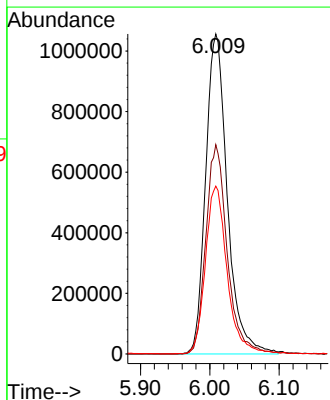
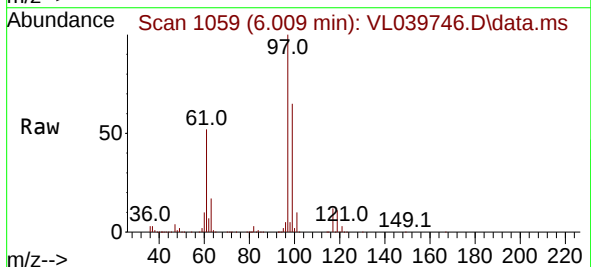
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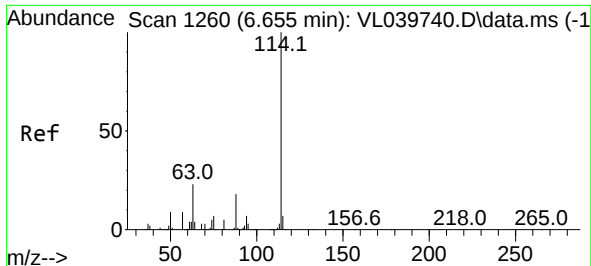
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#32
1,1,1-Trichloroethane
Concen: 18.956 ppbv
RT: 6.009 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 97 Resp: 2289833
Ion Ratio Lower Upper
97 100
99 64.9 53.0 79.4
61 52.8 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:114 Resp: 2725350

Ion Ratio Lower Upper

114 100

63 25.7 19.8 29.6

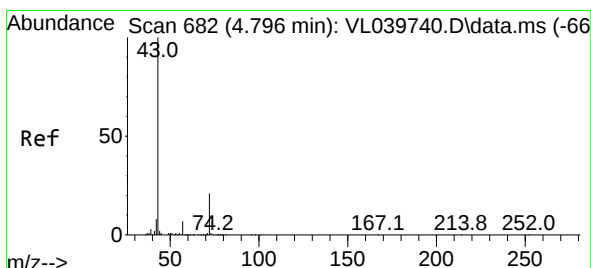
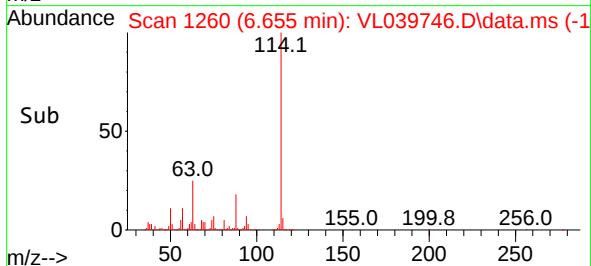
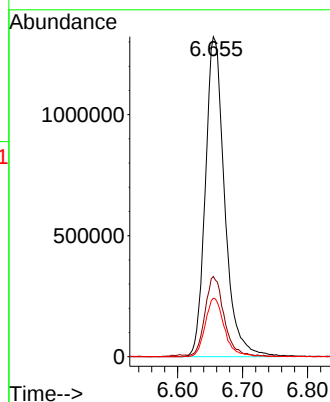
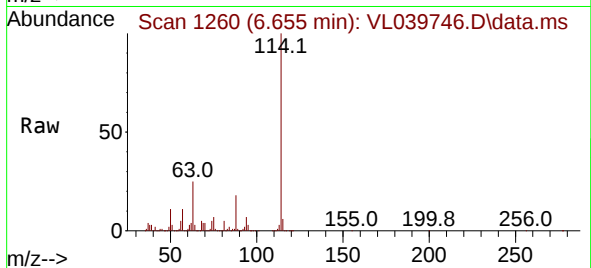
88 18.3 14.2 21.4

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

2-Butanone

Concen: 14.941 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL039746.D

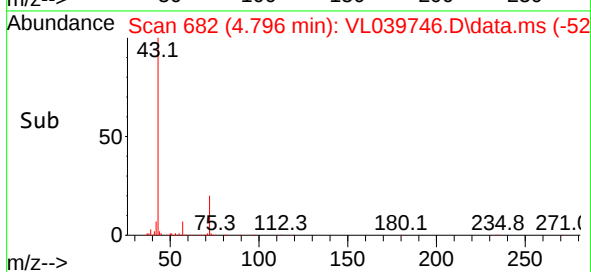
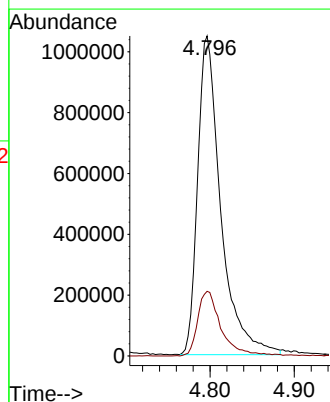
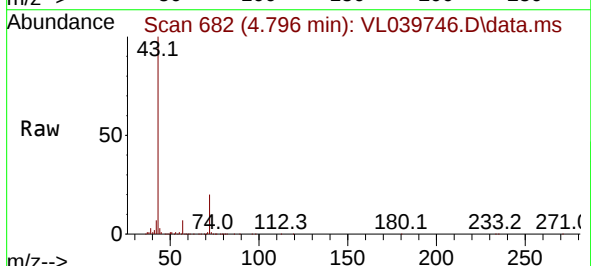
Acq: 21 Oct 2022 15:04

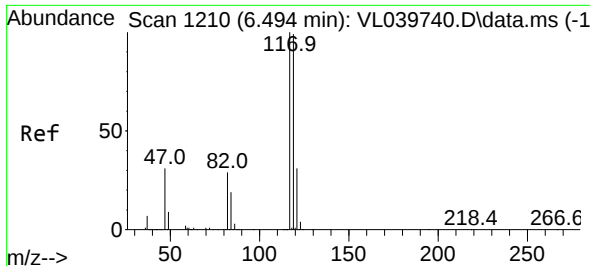
Tgt Ion: 43 Resp: 2000046

Ion Ratio Lower Upper

43 100

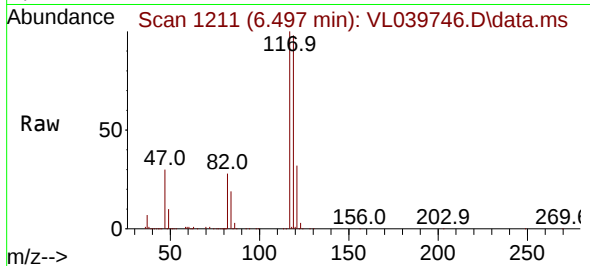
72 21.2 17.1 25.7





#35
Carbon Tetrachloride
Concen: 16.509 ppbv
RT: 6.497 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

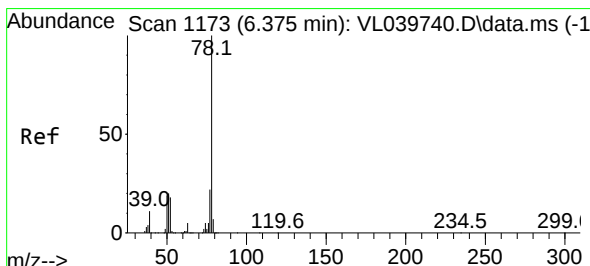
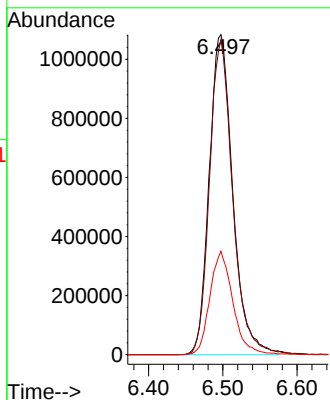
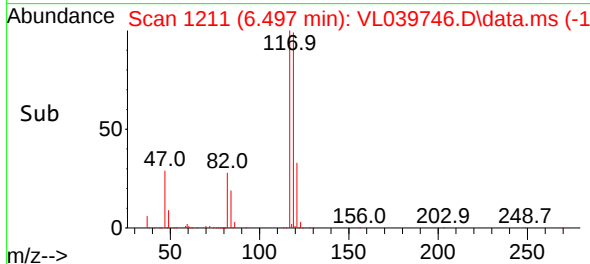
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:117 Resp: 238855
Ion Ratio Lower Upper
117 100
119 98.4 79.2 118.8
121 32.3 25.0 37.6

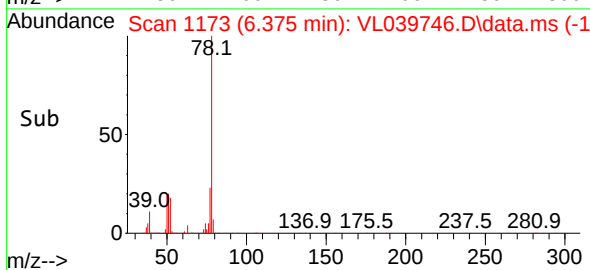
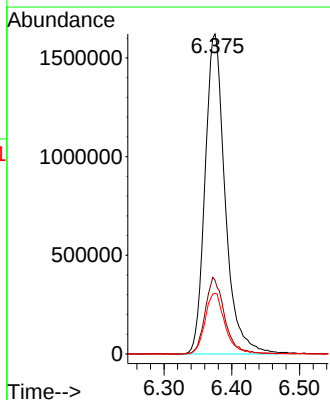
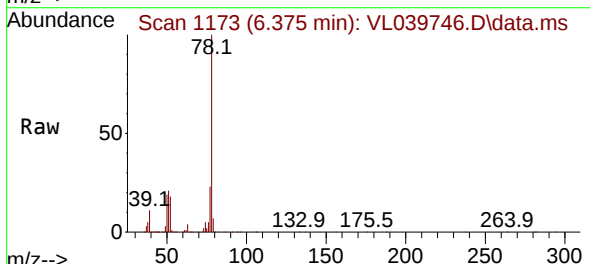
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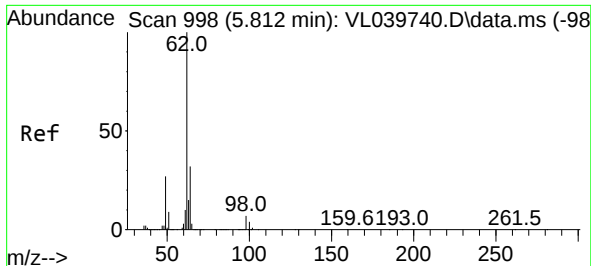
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#36
Benzene
Concen: 16.006 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion: 78 Resp: 3334956
Ion Ratio Lower Upper
78 100
77 23.1 17.3 25.9
50 18.9 14.9 22.3





#37

1,2-Dichloroethane

Concen: 15.526 ppbv

RT: 5.812 min Scan# 998

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 62 Resp: 176066

Ion Ratio Lower Upper

62 100

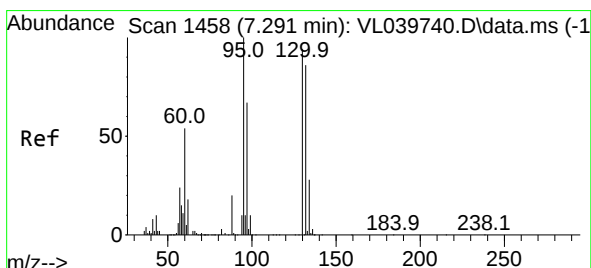
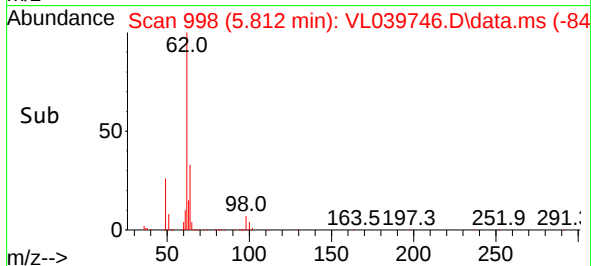
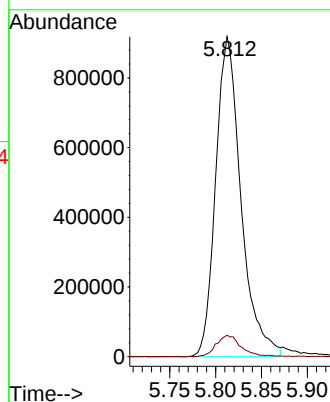
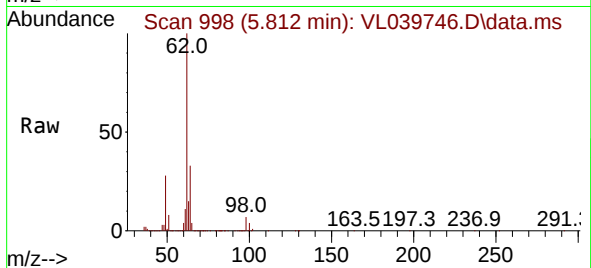
98 6.8 5.4 8.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#38

Trichloroethene

Concen: 16.633 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Tgt Ion:130 Resp: 1873005

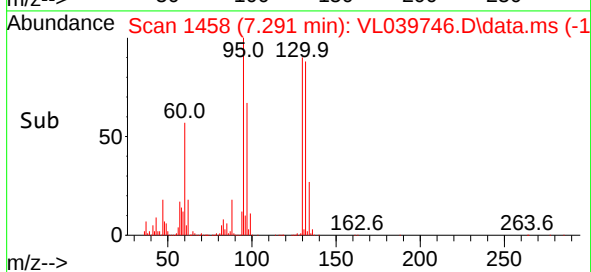
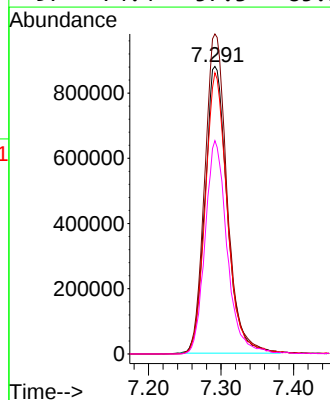
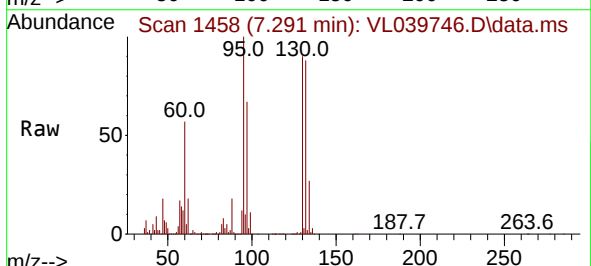
Ion Ratio Lower Upper

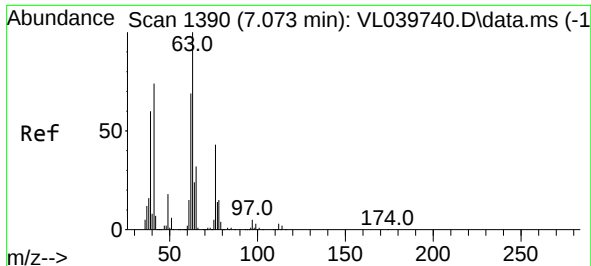
130 100

95 111.5 85.4 128.2

132 98.0 73.0 109.6

97 74.4 57.3 85.9





#39

1,2-Dichloropropane

Concen: 15.812 ppbv

RT: 7.076 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 63 Resp: 1272240

Ion Ratio Lower Upper

63 100

41 70.7 59.5 89.3

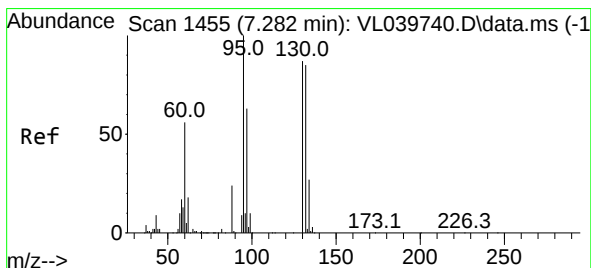
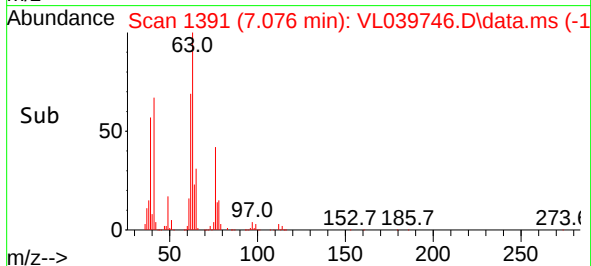
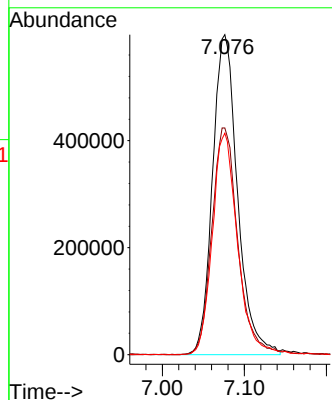
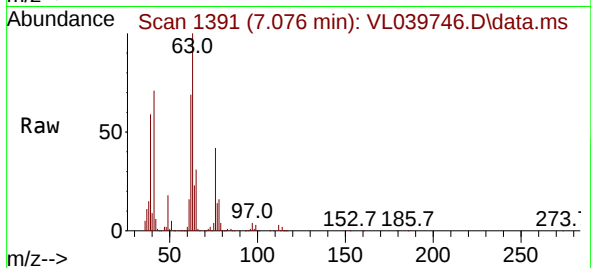
62 69.2 55.2 82.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#40

1,4-Dioxane

Concen: 12.575 ppbv m

RT: 7.291 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Tgt Ion: 88 Resp: 413130

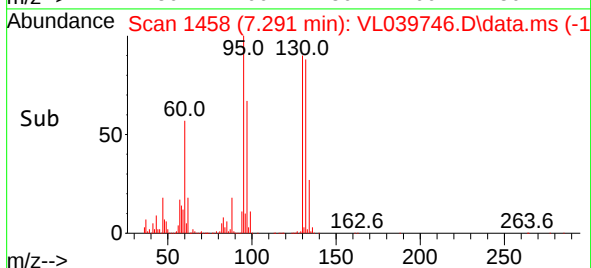
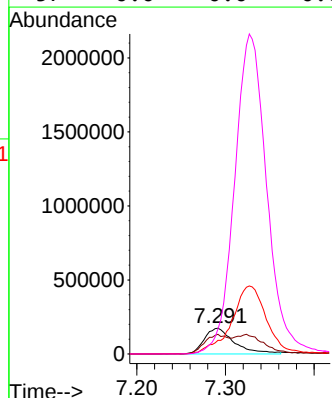
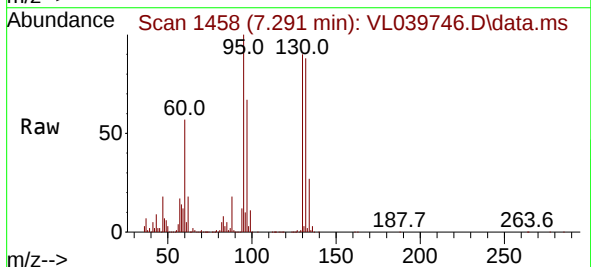
Ion Ratio Lower Upper

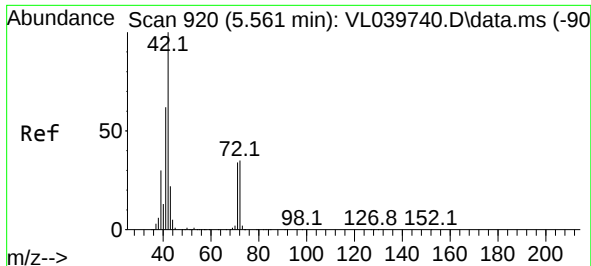
88 100

58 138.5 101.6 152.4

43 0.0 0.0 0.0

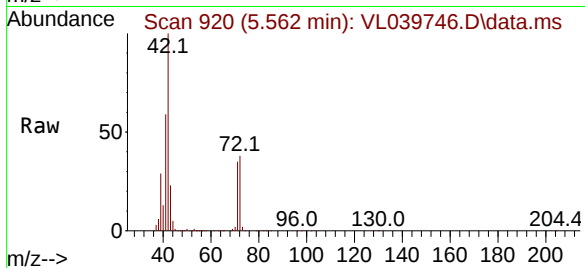
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 16.926 ppbv
RT: 5.562 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

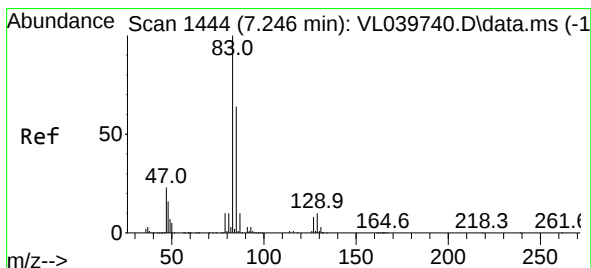
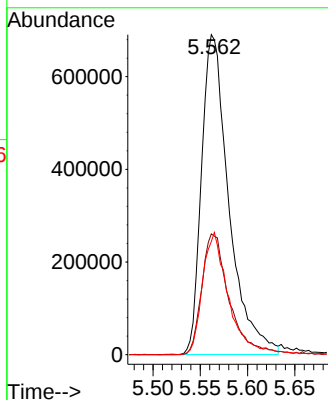
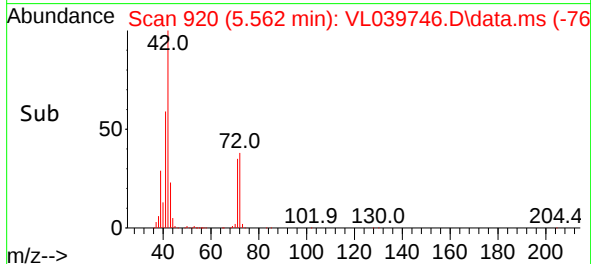
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



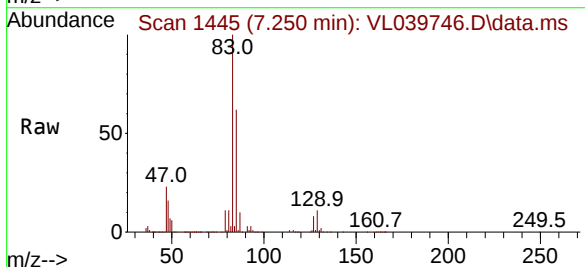
Tgt Ion: 42 Resp: 1390020
Ion Ratio Lower Upper
42 100
72 38.5 30.0 45.0
71 37.0 29.3 43.9

Manual Integrations
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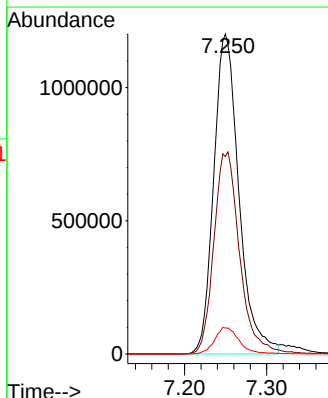
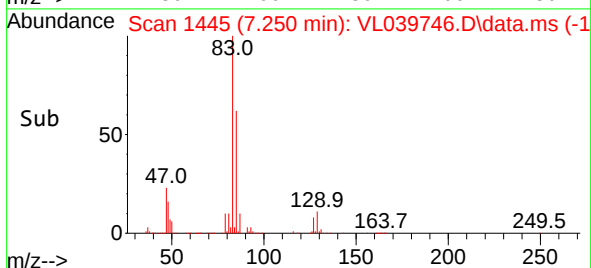
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

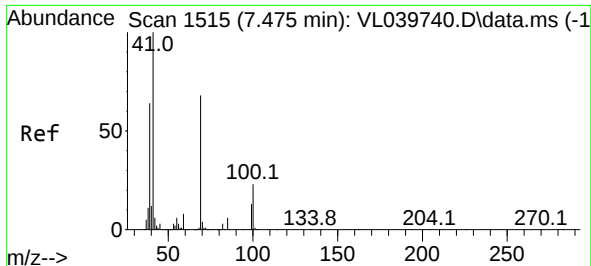


#42
Bromodichloromethane
Concen: 16.278 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



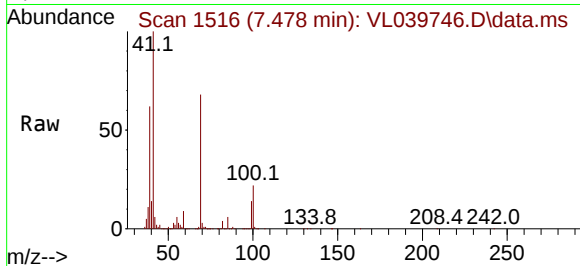
Tgt Ion: 83 Resp: 2567689
Ion Ratio Lower Upper
83 100
85 61.7 51.0 76.6
127 8.1 6.5 9.7





#43
Methyl Methacrylate
Concen: 17.677 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

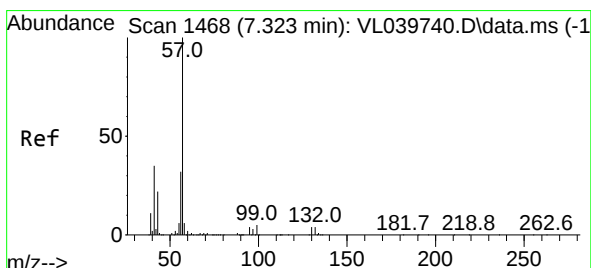
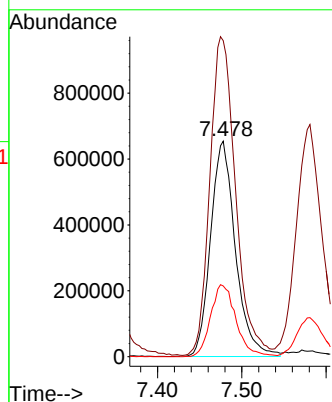
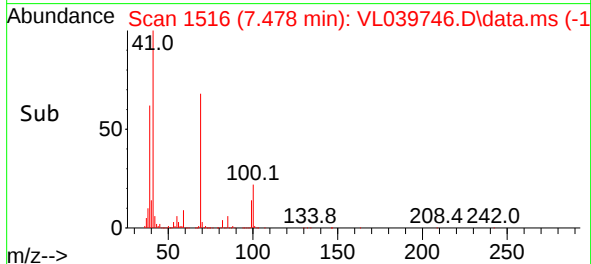
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 69 Resp: 1342649
Ion Ratio Lower Upper
69 100
41 153.0 124.6 186.8
100 34.1 27.5 41.3

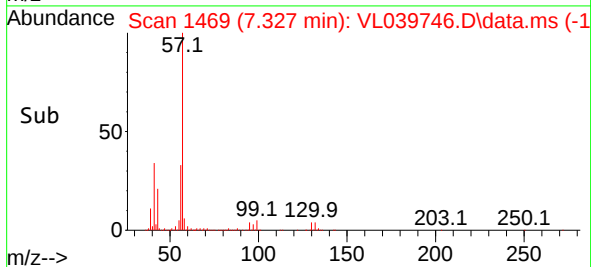
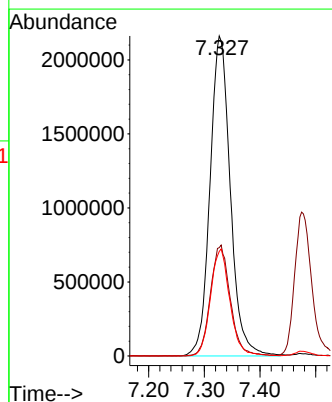
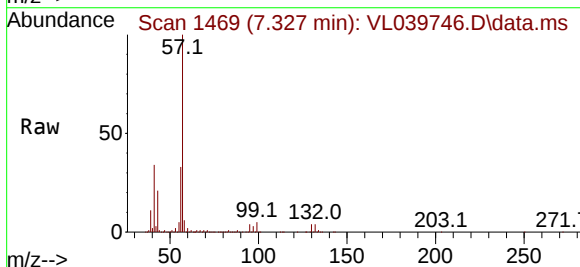
Manual Integrations
APPROVED

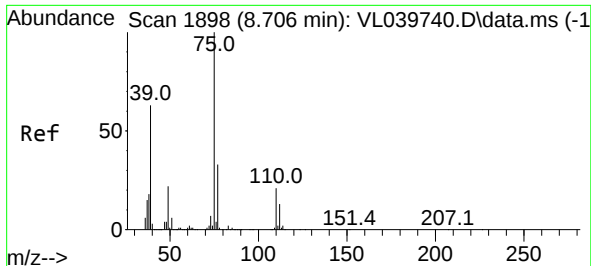
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#44
2,2,4-Trimethylpentane
Concen: 15.224 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

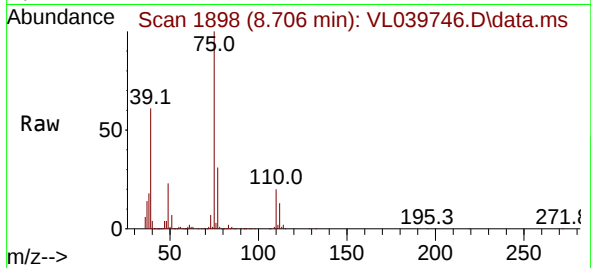
Tgt Ion: 57 Resp: 5467453
Ion Ratio Lower Upper
57 100
41 33.8 27.1 40.7
56 32.0 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 19.960 ppbv m
RT: 8.706 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

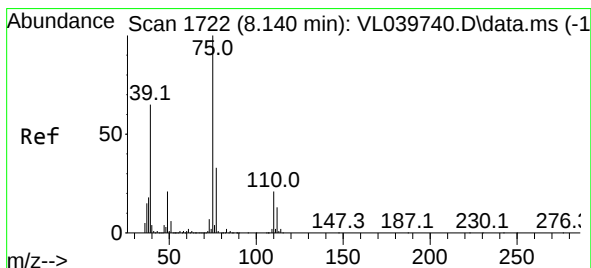
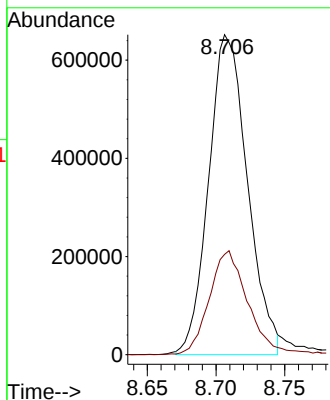
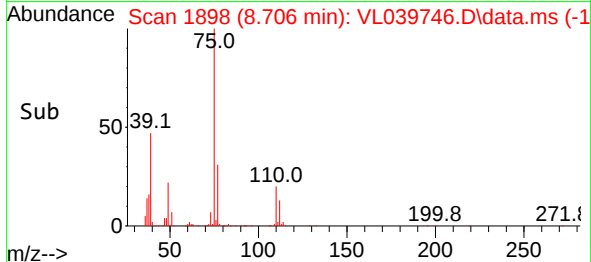
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



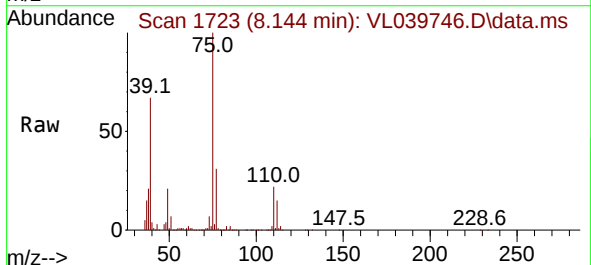
Tgt Ion: 75 Resp: 1281119
Ion Ratio Lower Upper
75 100
77 31.4 26.6 39.8

Manual Integrations
APPROVED

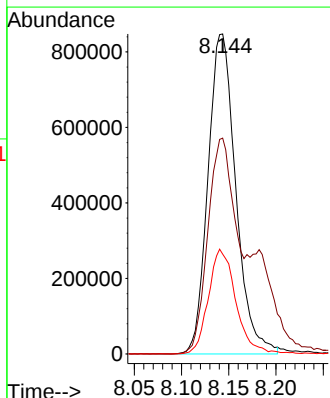
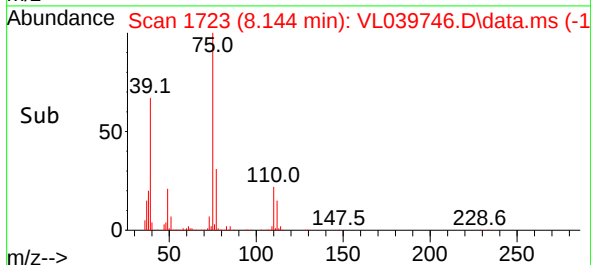
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

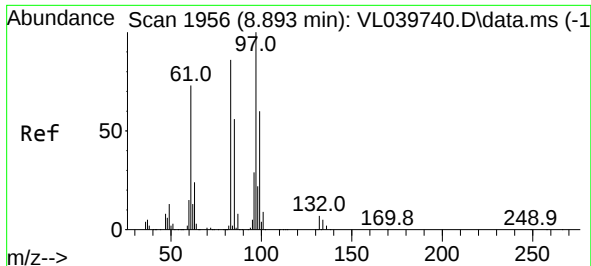


#46
cis-1,3-Dichloropropene
Concen: 18.986 ppbv m
RT: 8.144 min Scan# 1723
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



Tgt Ion: 75 Resp: 1734788
Ion Ratio Lower Upper
75 100
39 67.5 52.2 78.4
77 31.2 26.6 40.0





#47

1,1,2-Trichloroethane

Concen: 15.476 ppbv

RT: 8.899 min Scan# 1956

Delta R.T. 0.007 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 136105

Ion Ratio Lower Upper

97 100

83 89.7 68.8 103.2

85 58.1 44.8 67.2

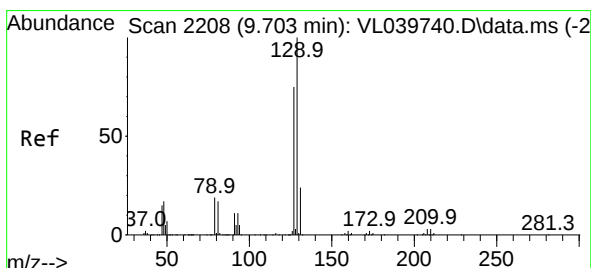
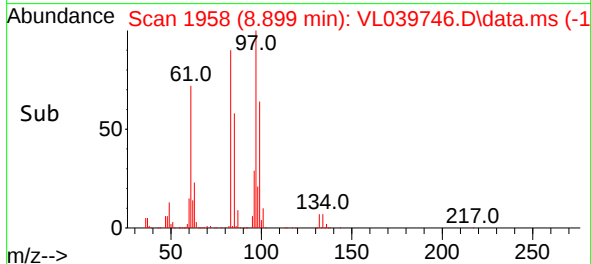
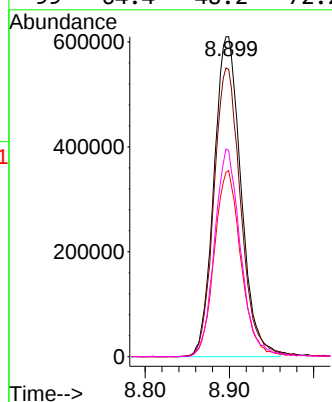
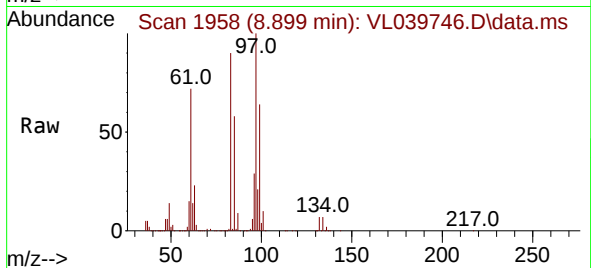
99 64.4 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#48

Dibromochloromethane

Concen: 17.153 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VL039746.D

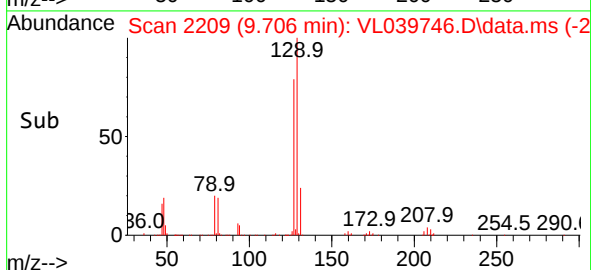
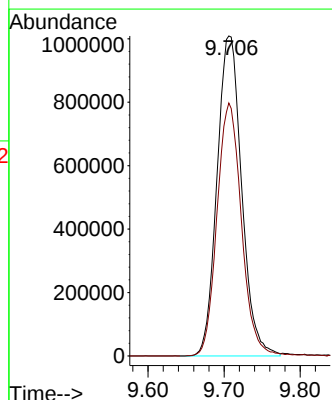
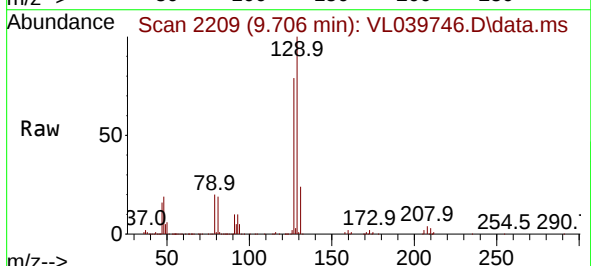
Acq: 21 Oct 2022 15:04

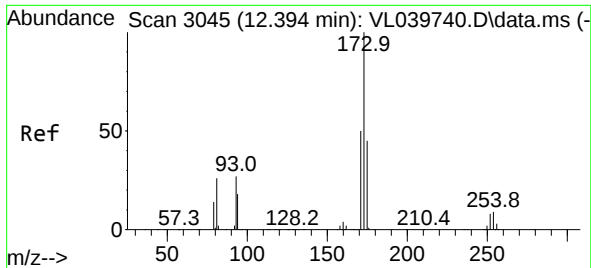
Tgt Ion:129 Resp: 2271650

Ion Ratio Lower Upper

129 100

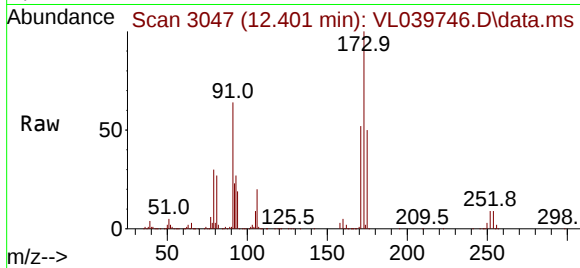
127 78.6 38.9 116.6





#49
Bromoform
Concen: 17.497 ppbv
RT: 12.401 min Scan# 3045
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

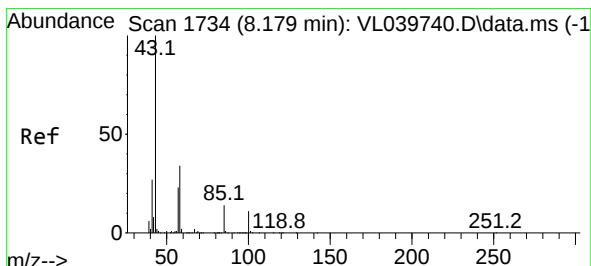
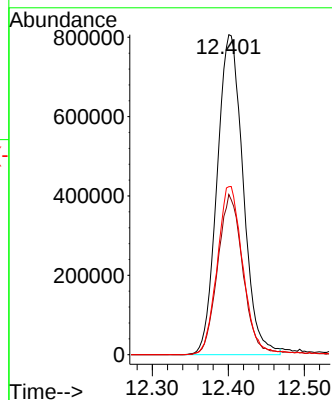
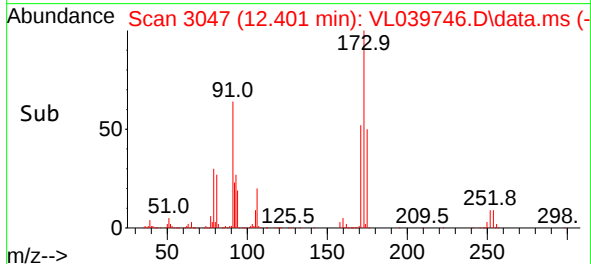
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



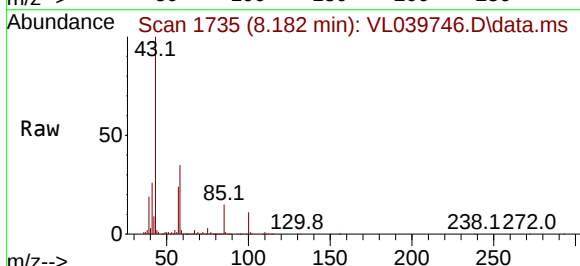
Tgt Ion:173 Resp: 1916518
Ion Ratio Lower Upper
173 100
175 49.6 39.4 59.0
171 52.7 41.6 62.4

Manual Integrations
APPROVED

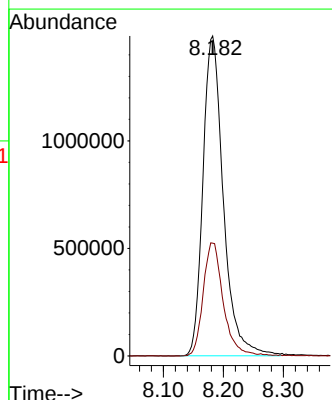
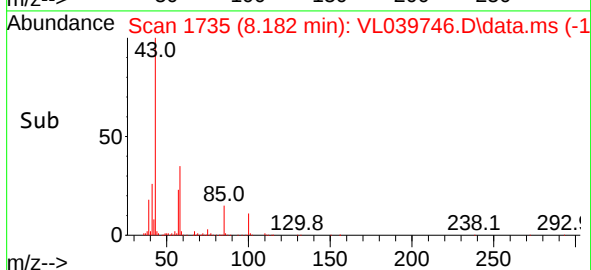
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

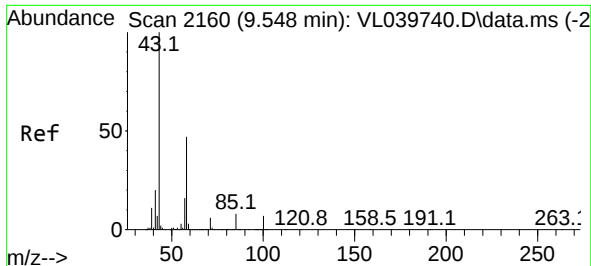


#50
4-Methyl-2-Pentanone
Concen: 16.760 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



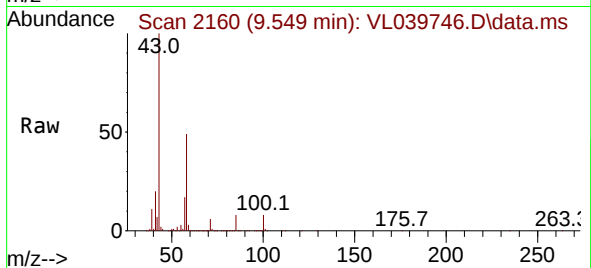
Tgt Ion: 43 Resp: 3525384
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0





#51
2-Hexanone
Concen: 17.574 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

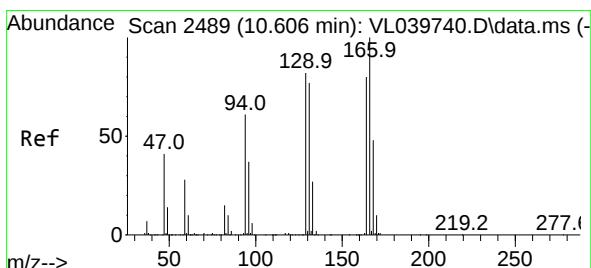
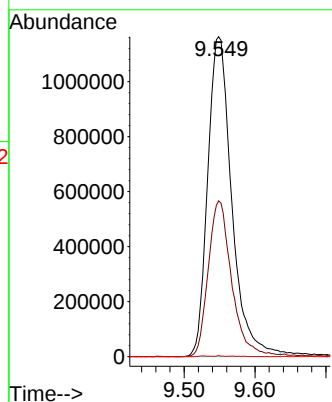
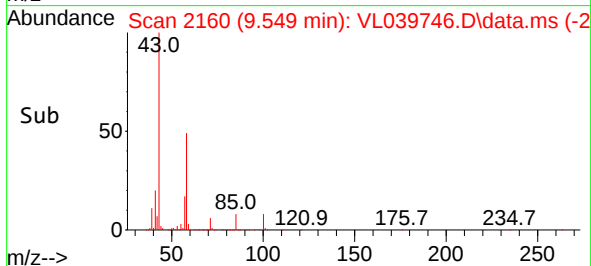
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



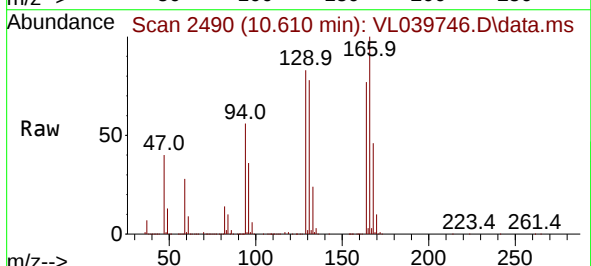
Tgt Ion: 43 Resp: 273655
Ion Ratio Lower Upper
43 100
58 48.6 37.6 56.4
98 0.2 0.6 0.8

Manual Integrations
APPROVED

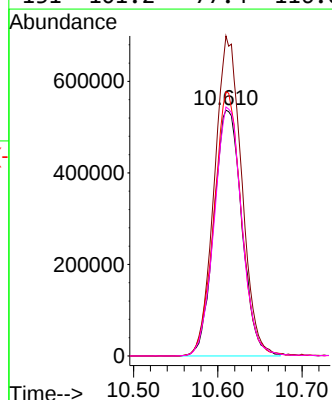
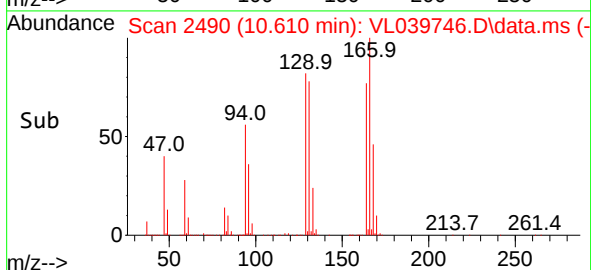
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

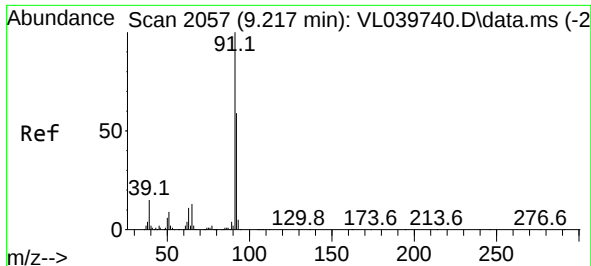


#52
Tetrachloroethene
Concen: 15.516 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



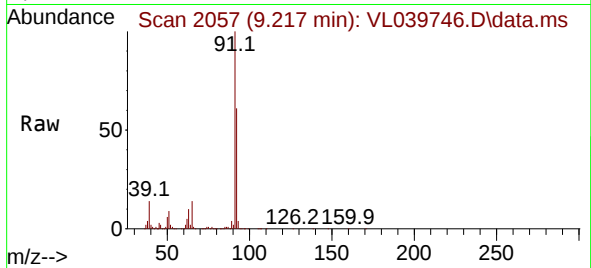
Tgt Ion:164 Resp: 1233395
Ion Ratio Lower Upper
164 100
166 130.1 100.0 150.0
129 107.4 82.1 123.1
131 101.2 77.4 116.0





#53
Toluene
Concen: 16.766 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

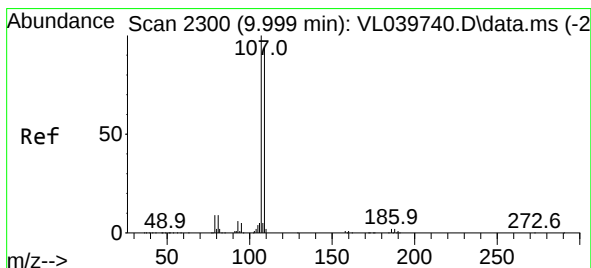
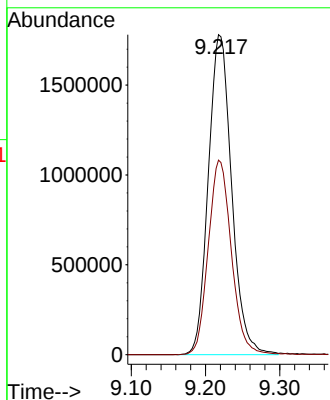
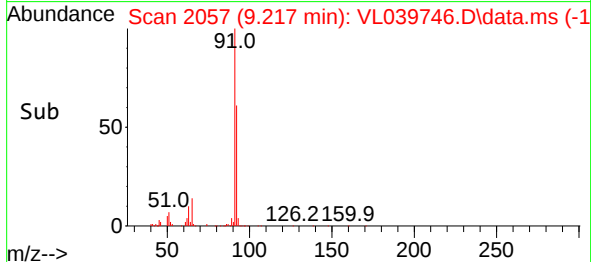
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



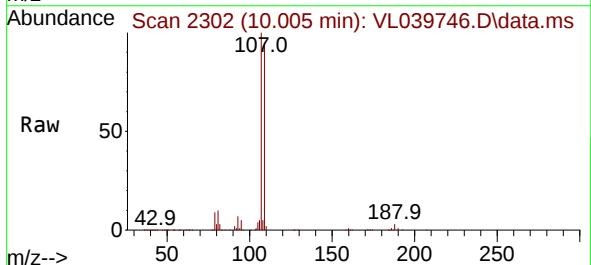
Tgt Ion: 91 Resp: 388534
Ion Ratio Lower Upper
91 100
92 60.5 47.7 71.5

Manual Integrations
APPROVED

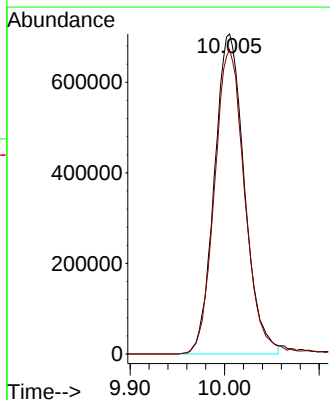
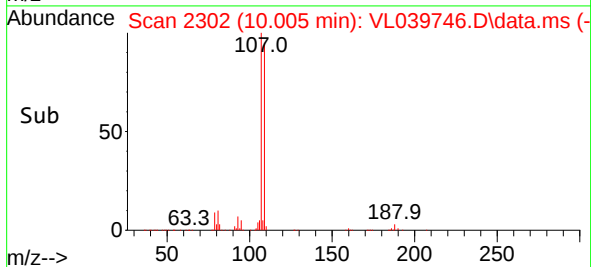
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

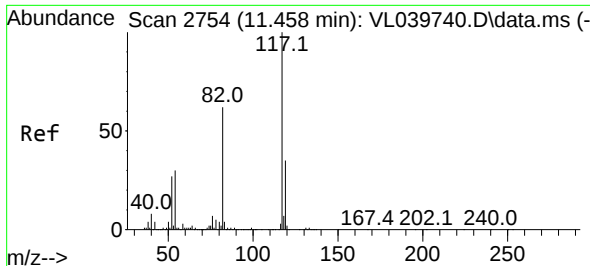


#54
1,2-Dibromoethane
Concen: 16.522 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



Tgt Ion:107 Resp: 1554426
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8





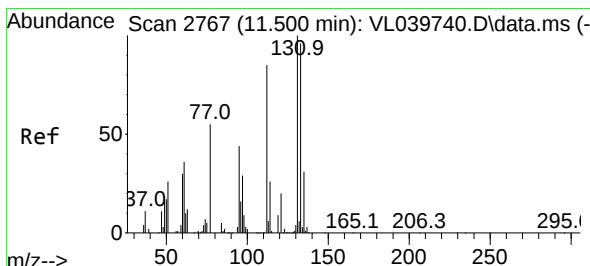
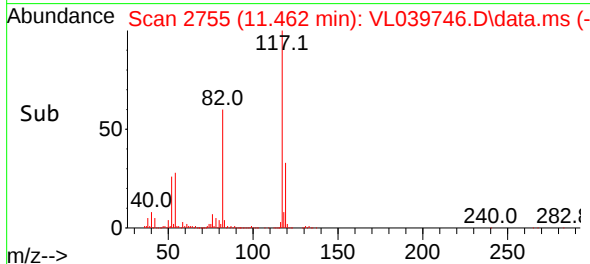
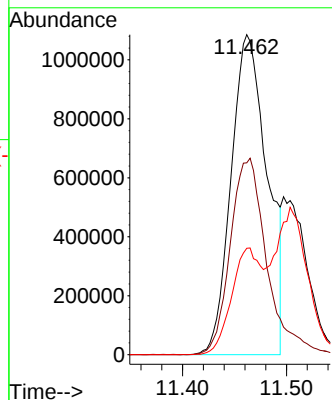
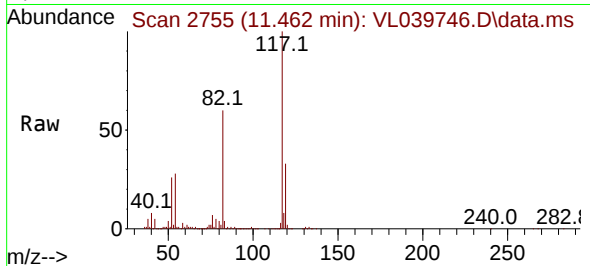
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 262472
Ion Ratio Lower Upper
117 100
82 62.4 51.4 77.0
119 29.3 24.6 36.8

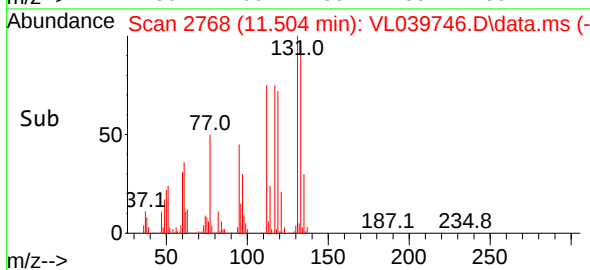
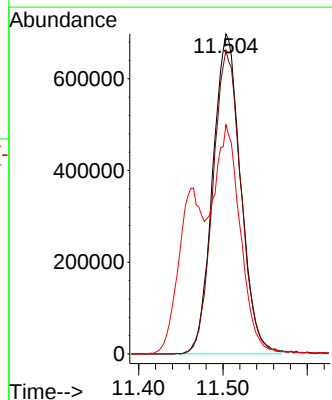
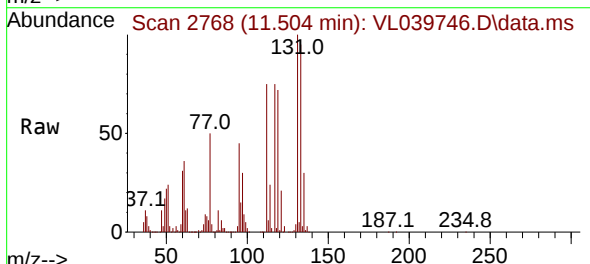
Manual Integrations
APPROVED

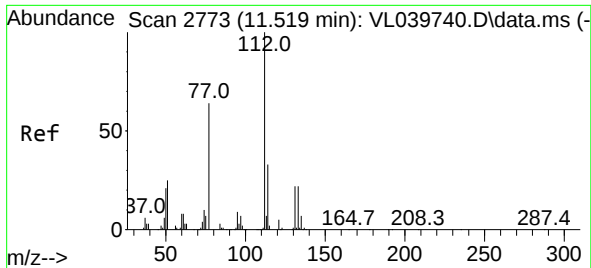
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 15.106 ppbv
RT: 11.504 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

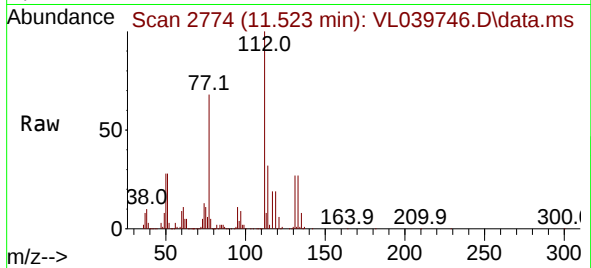
Tgt Ion:131 Resp: 1602292
Ion Ratio Lower Upper
131 100
133 96.3 77.2 115.8
119 75.3 55.5 83.3





#57
Chlorobenzene
Concen: 14.847 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

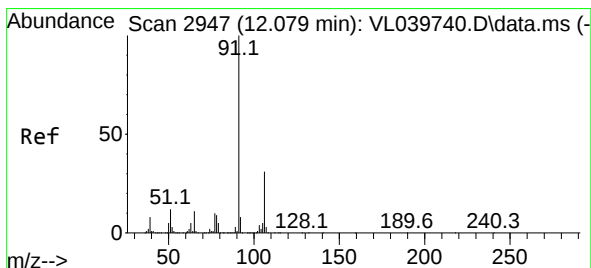
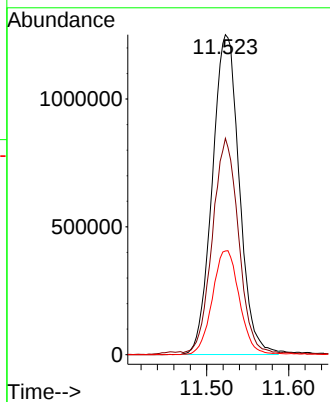
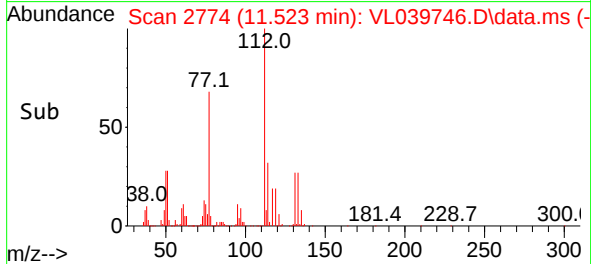
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



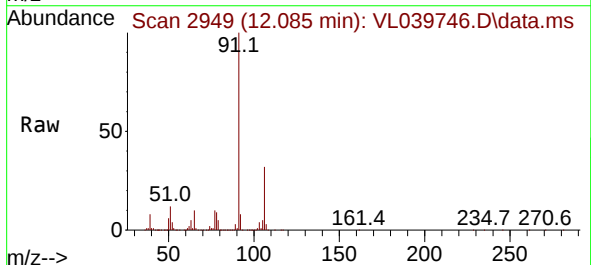
Tgt Ion:112 Resp: 2865600
Ion Ratio Lower Upper
112 100
77 66.8 51.4 77.2
114 32.4 30.0 36.6

Manual Integrations
APPROVED

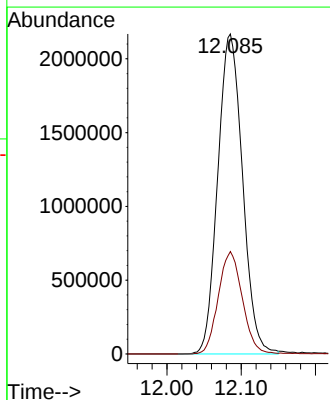
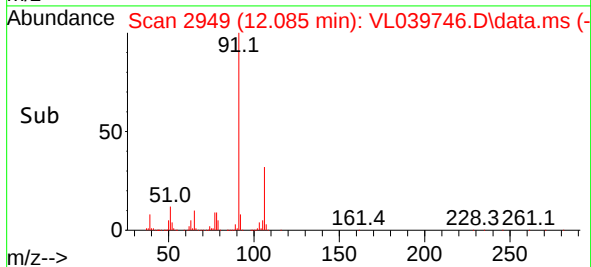
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

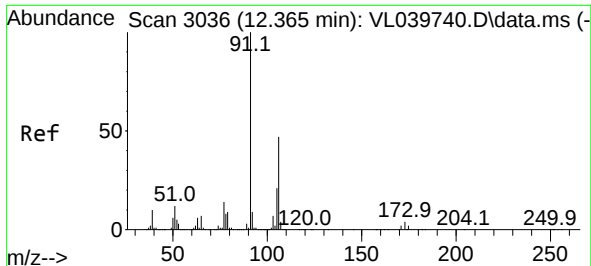


#58
Ethyl Benzene
Concen: 16.597 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



Tgt Ion: 91 Resp: 5022842
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8





#59

m/p-Xylene

Concen: 31.034 ppbv m

RT: 12.368 min Scan# 3036

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp: 835830

Ion Ratio Lower Upper

91 100

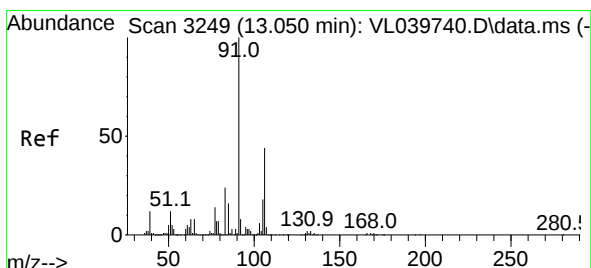
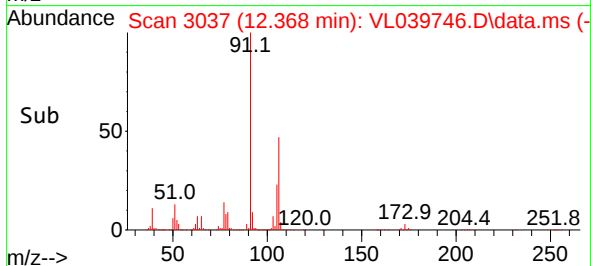
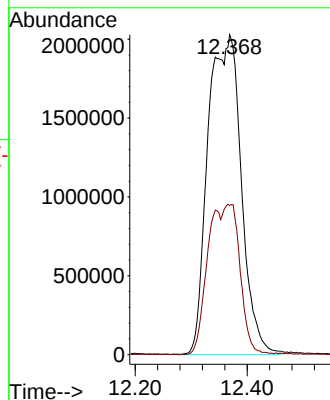
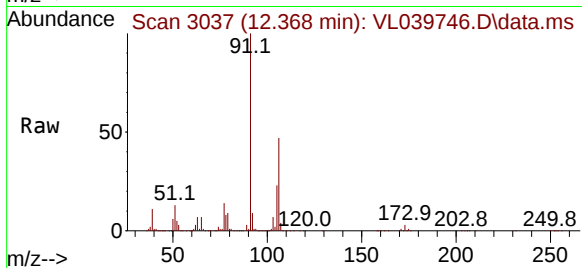
106 45.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#60

o-Xylene

Concen: 15.702 ppbv

RT: 13.057 min Scan# 3251

Delta R.T. 0.007 min

Lab File: VL039746.D

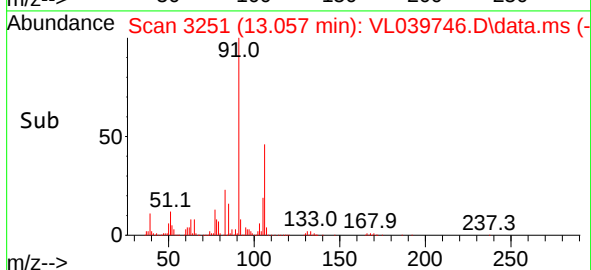
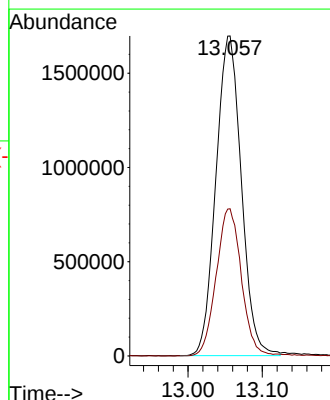
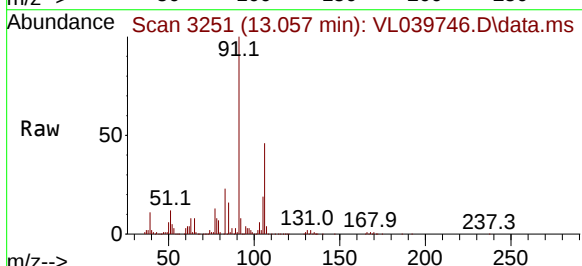
Acq: 21 Oct 2022 15:04

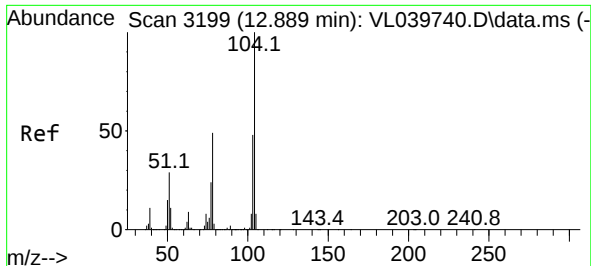
Tgt Ion: 91 Resp: 4038313

Ion Ratio Lower Upper

91 100

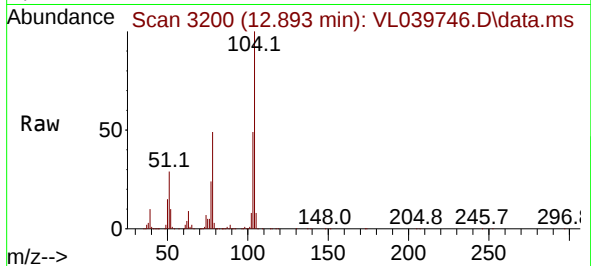
106 46.0 22.4 67.0





#61
Styrene
Concen: 18.122 ppbv
RT: 12.893 min Scan# 3199
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

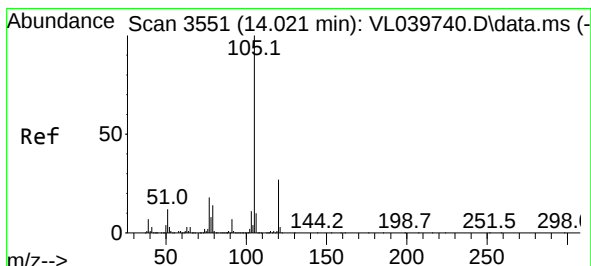
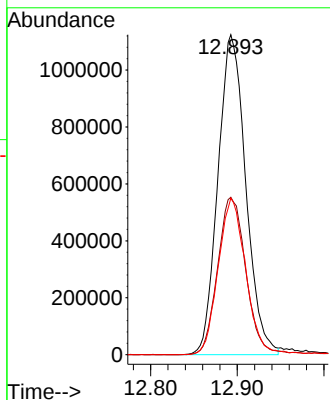
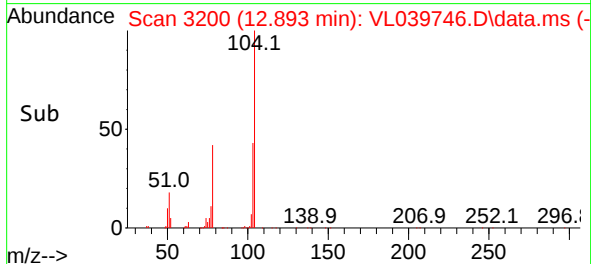
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



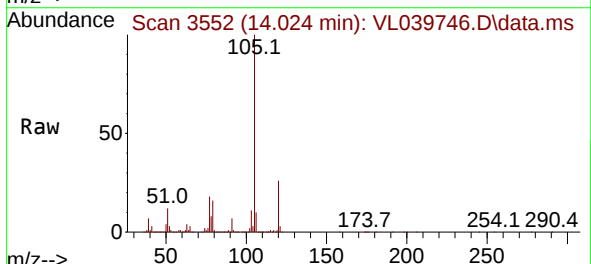
Tgt Ion:104 Resp: 251019
Ion Ratio Lower Upper
104 100
78 50.4 39.6 59.4
103 48.9 38.1 57.1

Manual Integrations
APPROVED

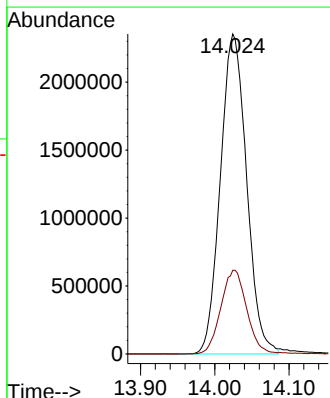
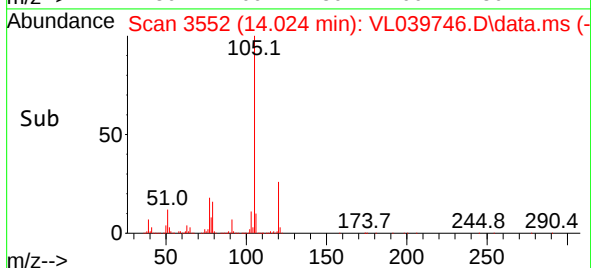
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

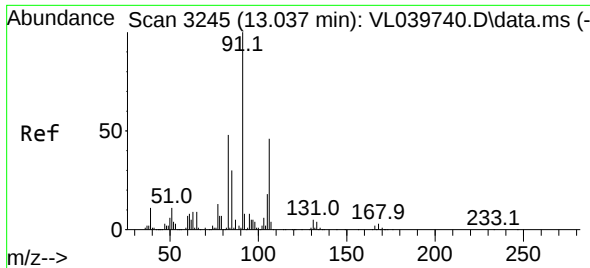


#62
Isopropylbenzene
Concen: 14.927 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



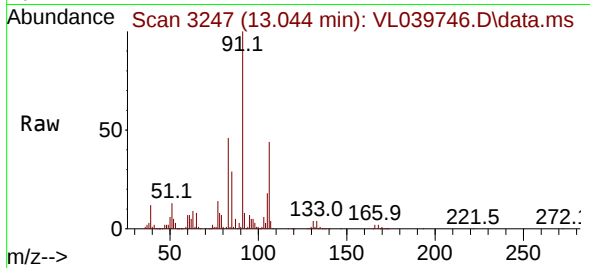
Tgt Ion:105 Resp: 5776841
Ion Ratio Lower Upper
105 100
120 26.2 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 14.007 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

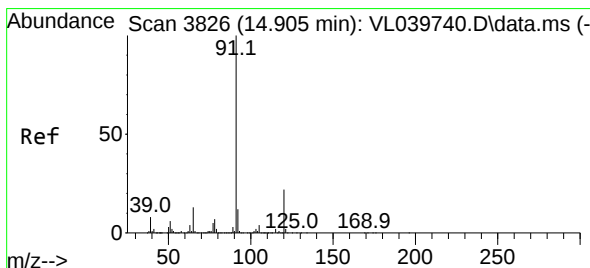
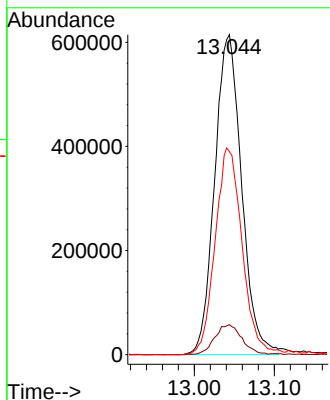
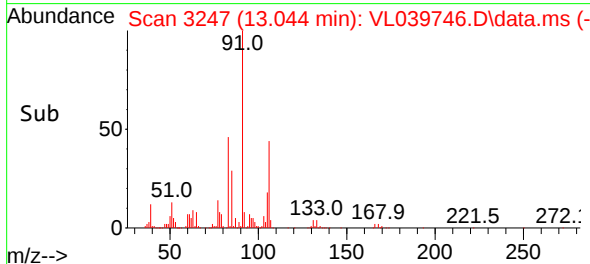
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



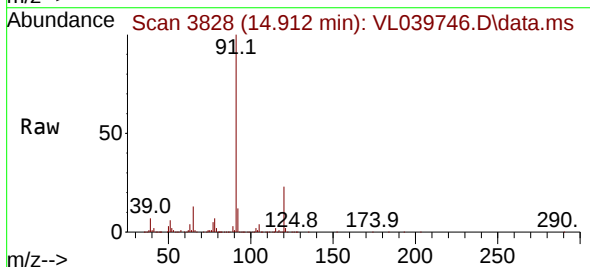
Tgt Ion: 83 Resp: 143694
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 65.9 32.8 98.4

Manual Integrations
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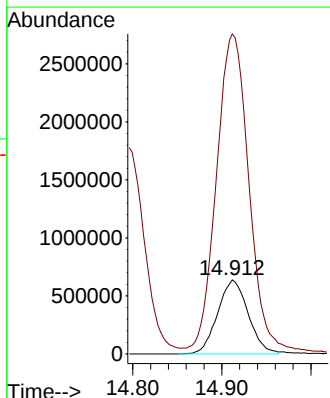
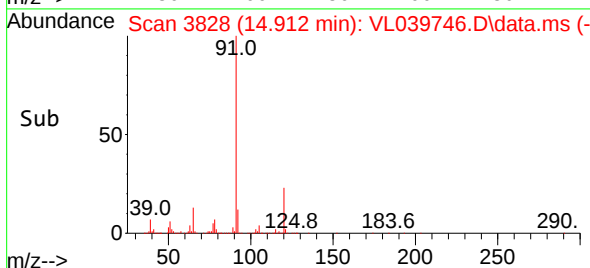
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

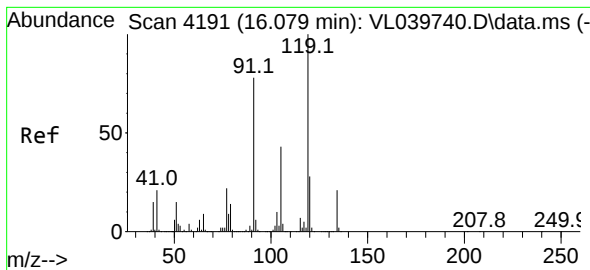


#64
n-propylbenzene
Concen: 15.329 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



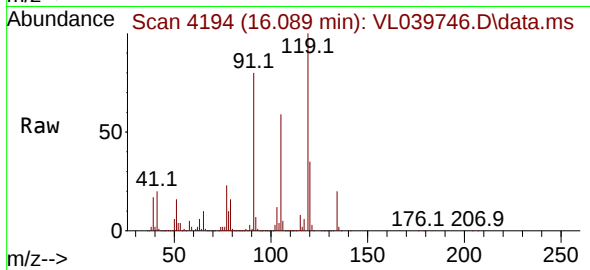
Tgt Ion:120 Resp: 1519133
Ion Ratio Lower Upper
120 100
91 468.3 376.2 564.2





#65
tert-Butylbenzene
Concen: 14.721 ppbv
RT: 16.089 min Scan# 4191
Delta R.T. 0.010 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

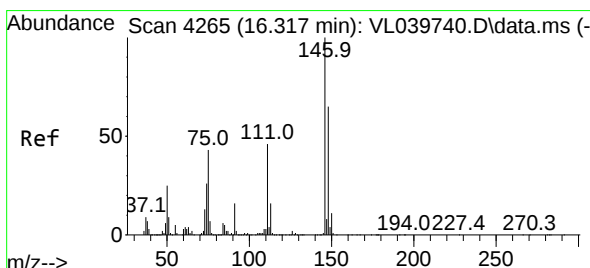
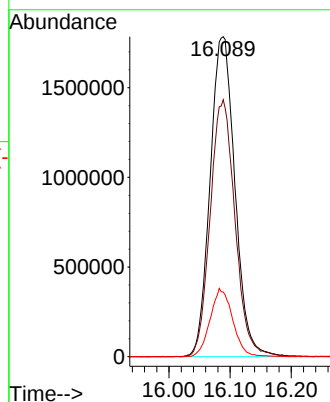
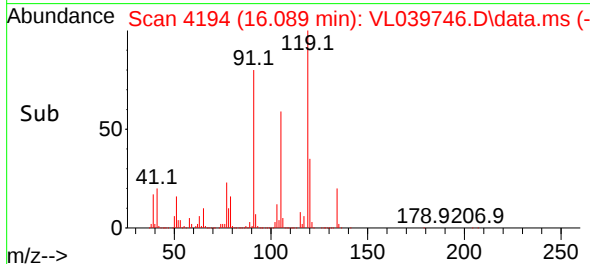
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



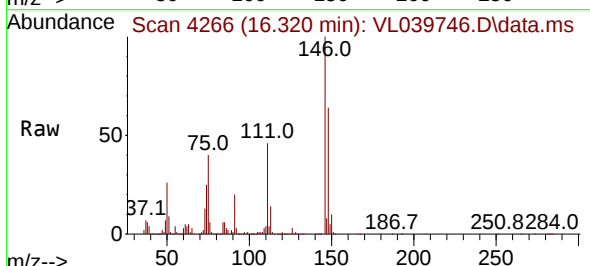
Tgt Ion:119 Resp: 503335
Ion Ratio Lower Upper
119 100
91 80.2 64.2 96.2
134 19.4 15.5 23.3

Manual Integrations
APPROVED

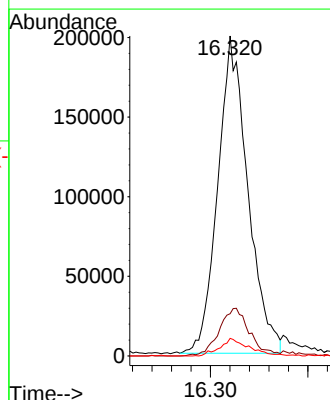
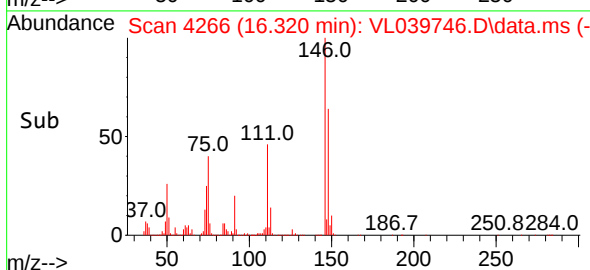
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

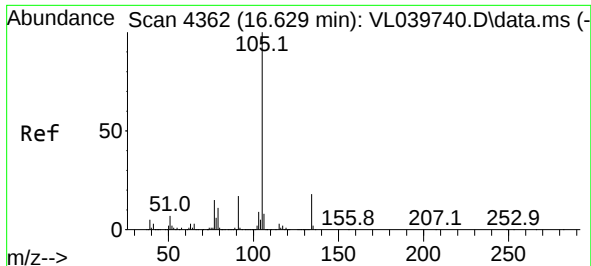


#66
Benzyl Chloride
Concen: 15.670 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



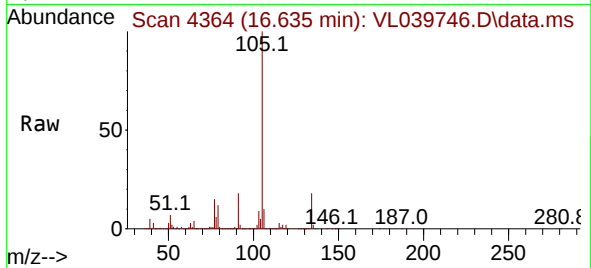
Tgt Ion: 91 Resp: 426609
Ion Ratio Lower Upper
91 100
126 16.3 12.6 18.8
128 5.4 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 14.732 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

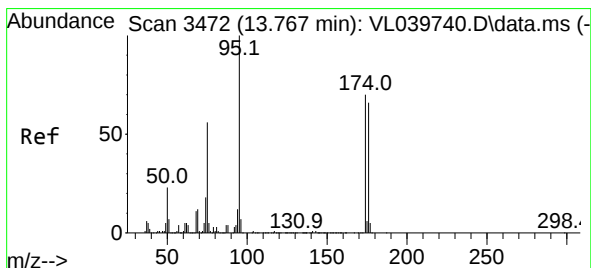
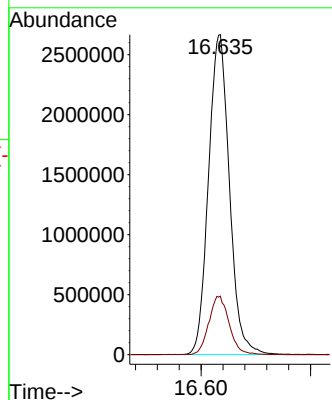
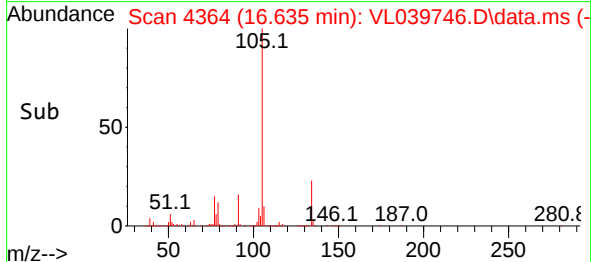
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



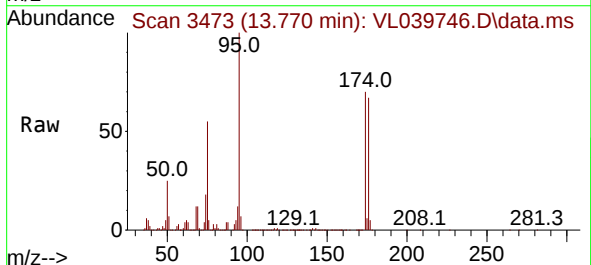
Tgt Ion: 105 Resp: 7065300
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.2 21.4

Manual Integrations
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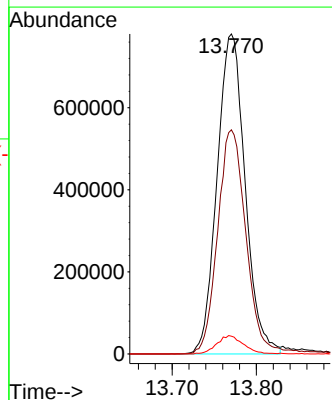
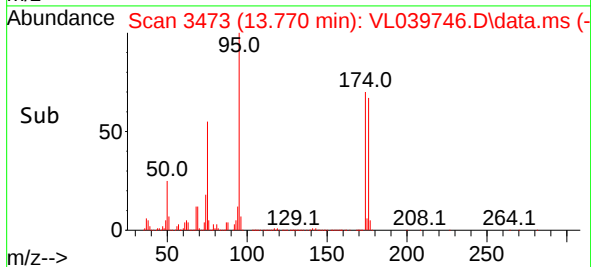
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

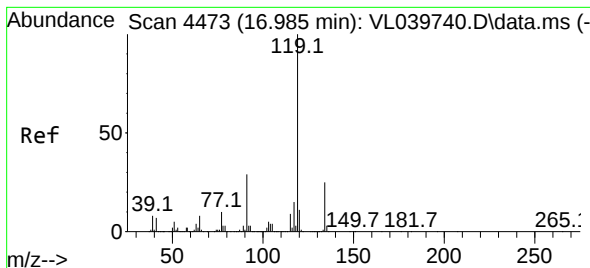


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.196 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.003 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04



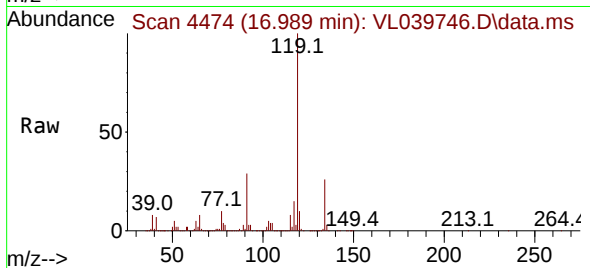
Tgt Ion: 95 Resp: 1801776
 Ion Ratio Lower Upper
 95 100
 174 71.8 56.5 84.7
 175 5.5 4.2 6.4





#69
p-Isopropyltoluene
Concen: 14.827 ppbv
RT: 16.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

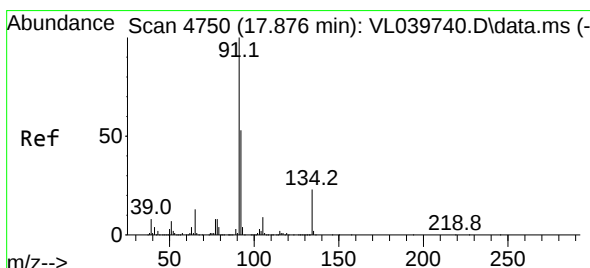
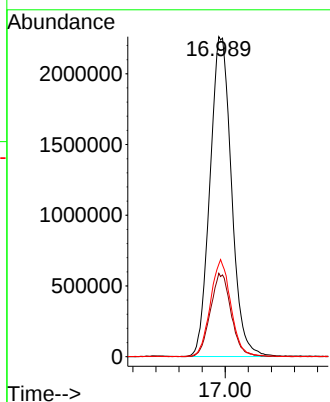
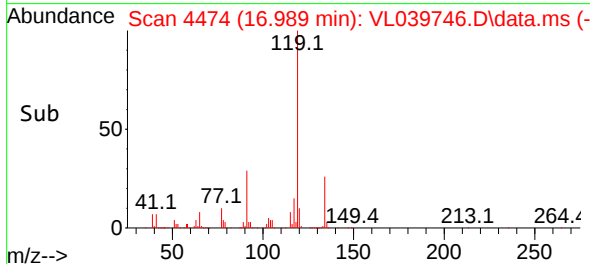
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015



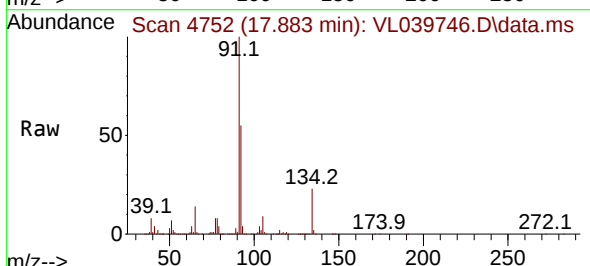
Tgt Ion: 119 Resp: 5842738
Ion Ratio Lower Upper
119 100
134 25.2 19.8 29.8
91 28.9 22.7 34.1

Manual Integrations
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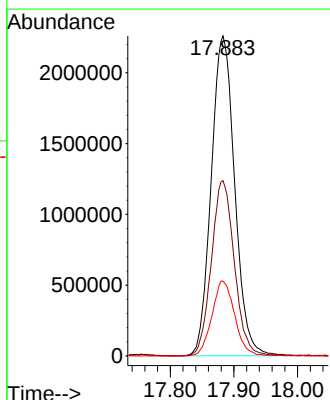
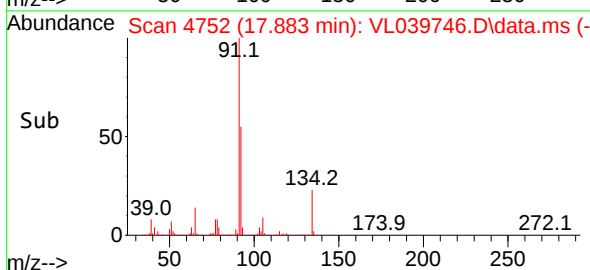
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

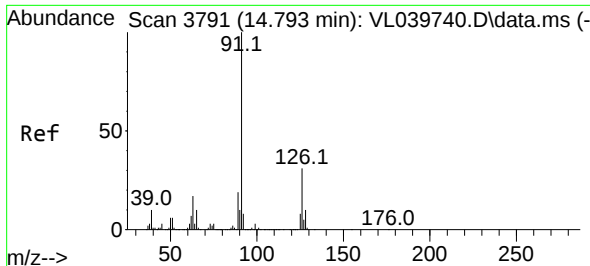


#70
n-Butylbenzene
Concen: 14.972 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



Tgt Ion: 91 Resp: 5783548
Ion Ratio Lower Upper
91 100
92 53.8 43.3 64.9
134 22.9 18.4 27.6





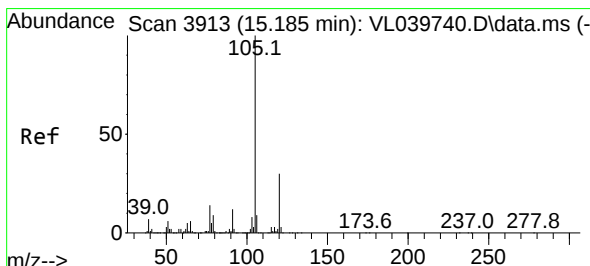
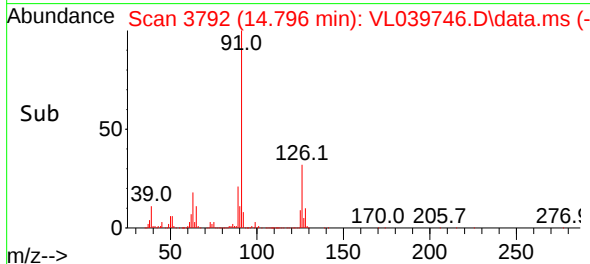
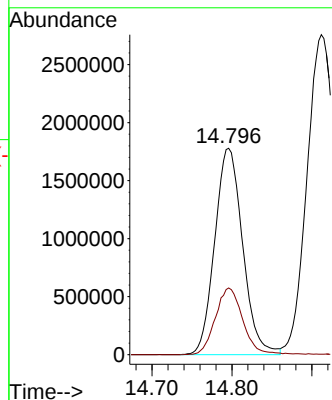
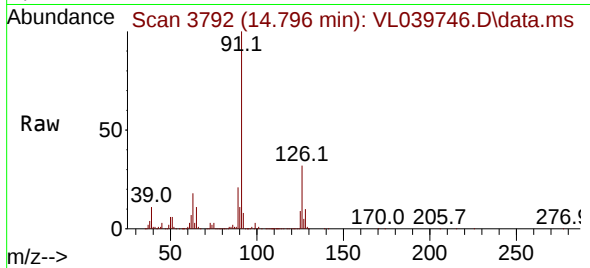
#71
2-Chlorotoluene
Concen: 15.442 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 4314740
Ion Ratio Lower Upper
91 100
126 32.3 12.7 50.7

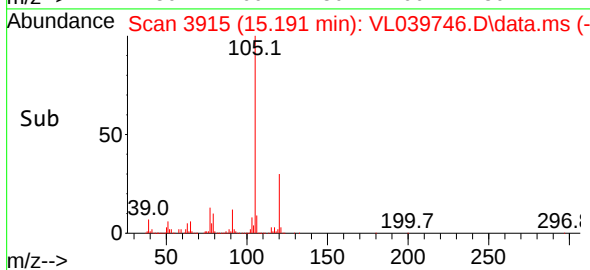
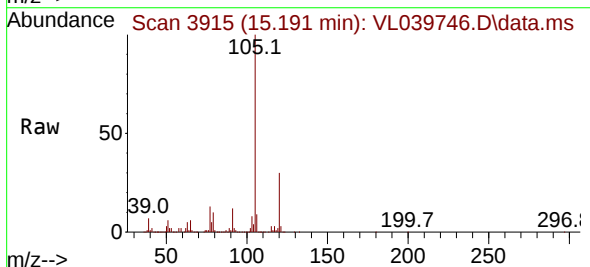
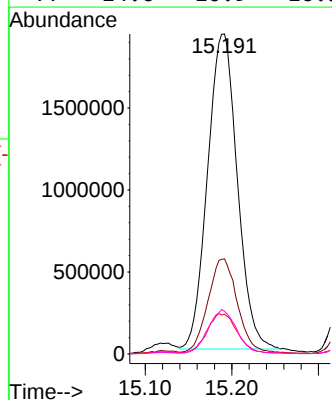
Manual Integrations
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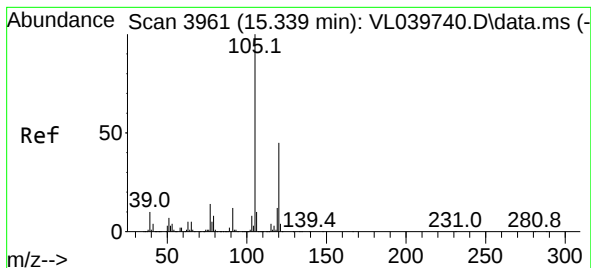
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#72
4-Ethyltoluene
Concen: 15.625 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

Tgt Ion:105 Resp: 4587719
Ion Ratio Lower Upper
105 100
120 31.5 23.9 35.9
91 13.8 10.3 15.5
77 14.6 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 15.453 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. 0.010 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:105 Resp: 4151700

Ion Ratio Lower Upper

105 100

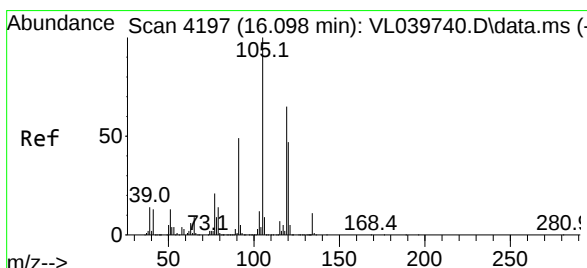
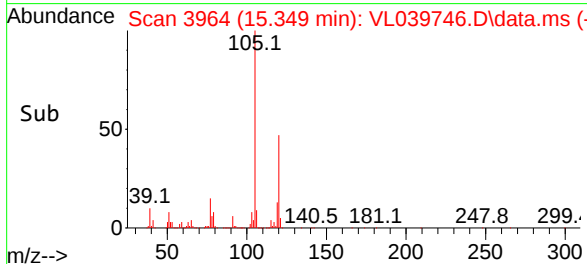
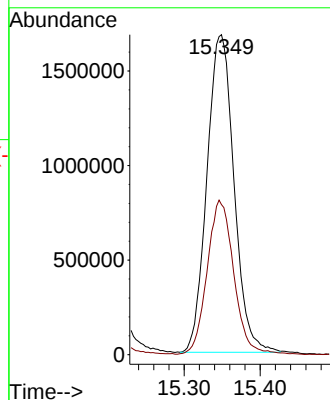
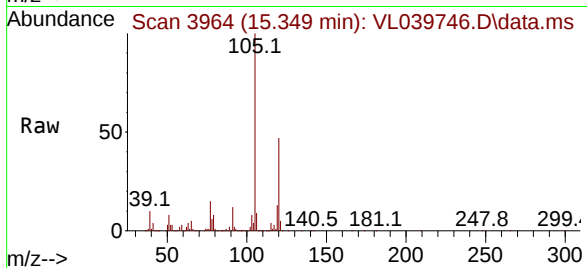
120 46.9 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#74

1,2,4-Trimethylbenzene

Concen: 14.772 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.007 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Tgt Ion:105 Resp: 4448625

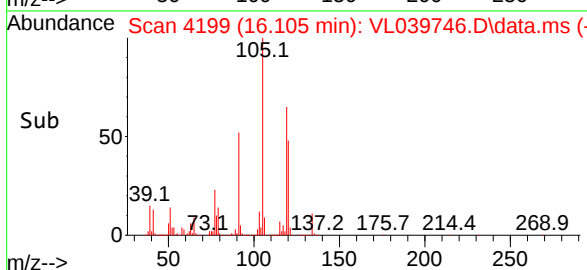
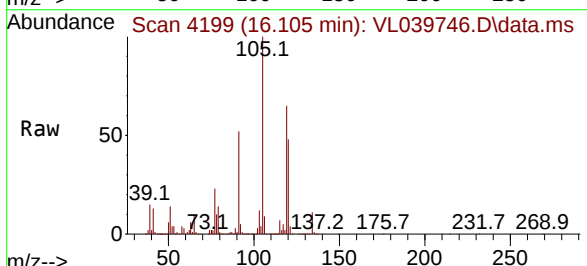
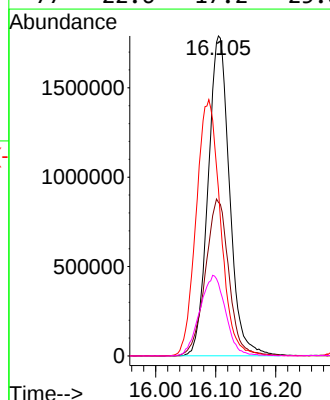
Ion Ratio Lower Upper

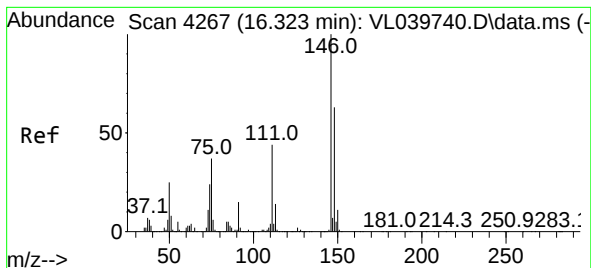
105 100

120 47.9 37.6 56.4

91 52.0 40.1 60.1

77 22.6 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 14.863 ppbv

RT: 16.326 min Scan# 4267

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:146 Resp: 267079

Ion Ratio Lower Upper

146 100

111 44.9 22.8 68.3

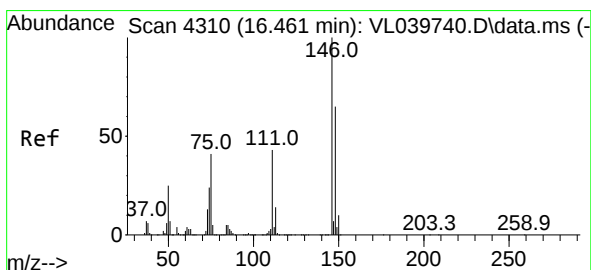
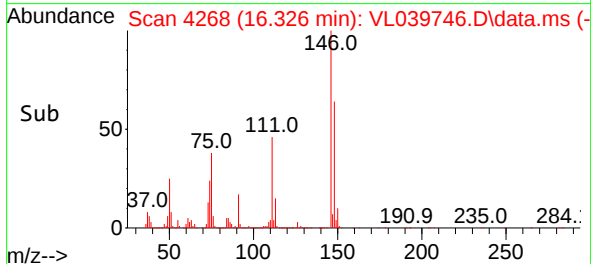
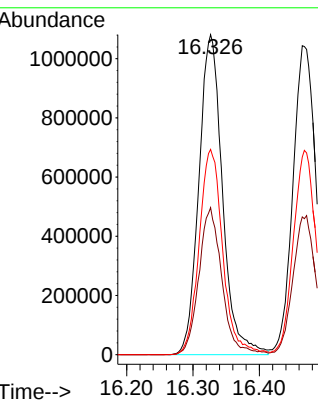
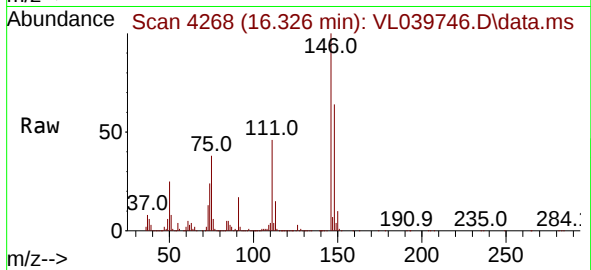
148 64.4 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#76

1,4-Dichlorobenzene

Concen: 14.471 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

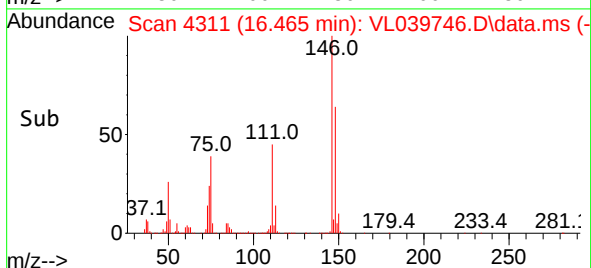
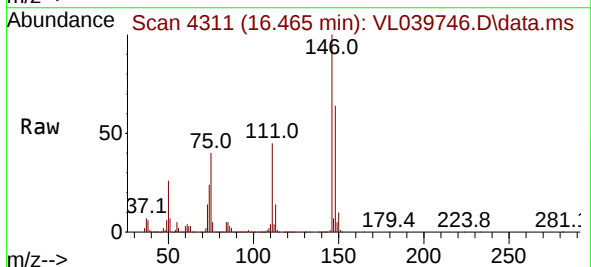
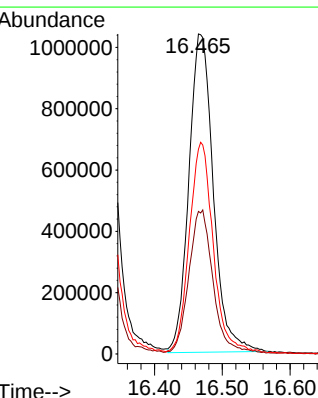
Tgt Ion:146 Resp: 2601257

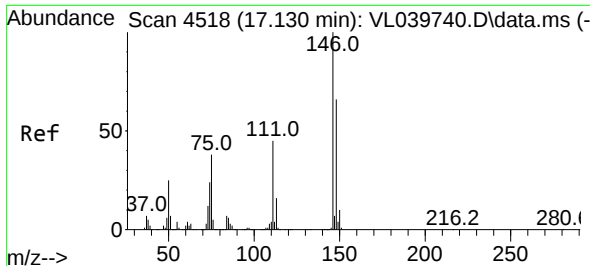
Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.5

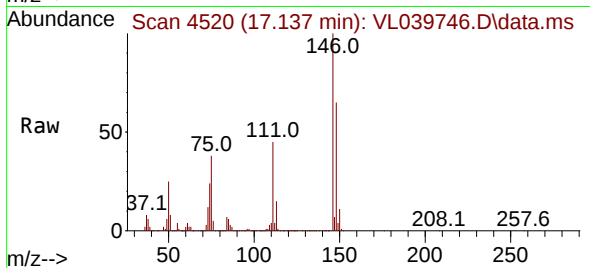
148 65.6 33.2 99.6





#77
1,2-Dichlorobenzene
Concen: 14.295 ppbv m
RT: 17.137 min Scan# 4518
Delta R.T. 0.007 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04

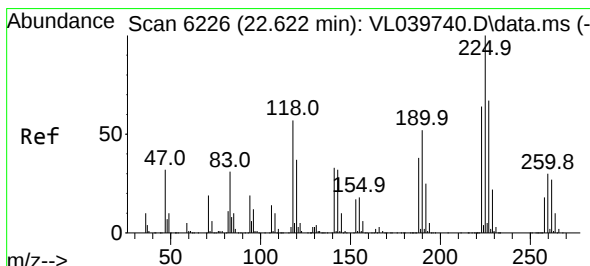
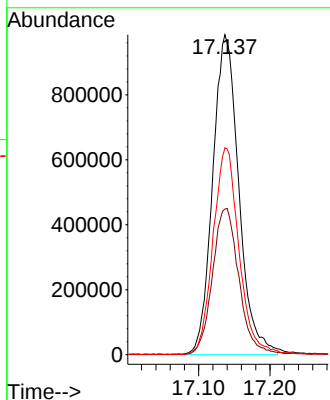
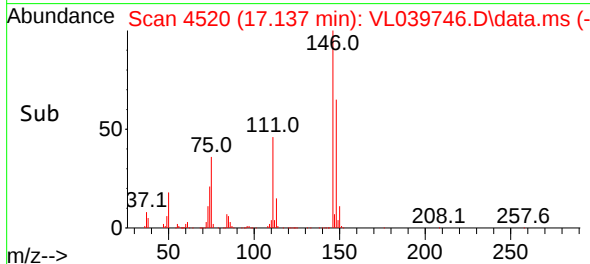
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



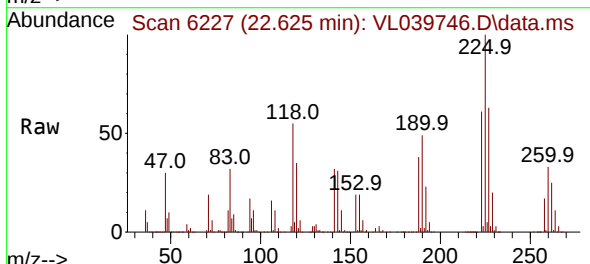
Tgt Ion:146 Resp: 250498
Ion Ratio Lower Upper
146 100
111 46.6 23.6 70.8
148 64.6 32.8 98.3

Manual Integrations
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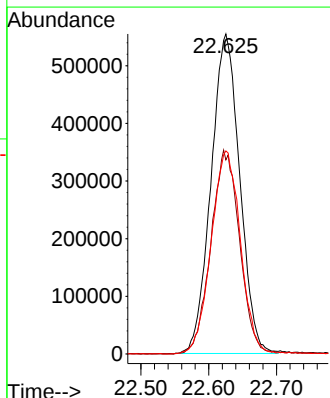
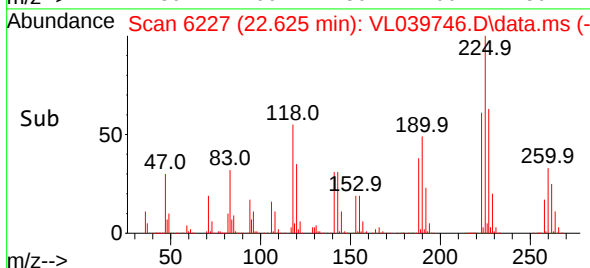
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

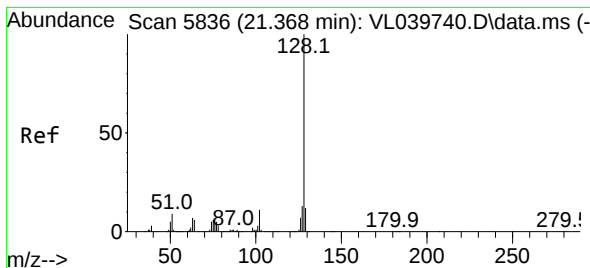


#78
Hexachloro-1,3-Butadiene
Concen: 12.173 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.003 min
Lab File: VL039746.D
Acq: 21 Oct 2022 15:04



Tgt Ion:225 Resp: 1629905
Ion Ratio Lower Upper
225 100
223 64.5 52.4 78.6
227 65.2 52.7 79.1





#79

Naphthalene

Concen: 16.588 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.003 min

Lab File: VL039746.D

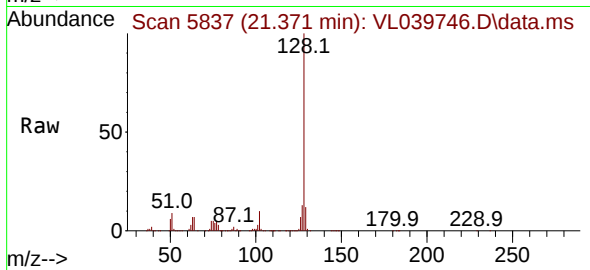
Acq: 21 Oct 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:128 Resp: 329675

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

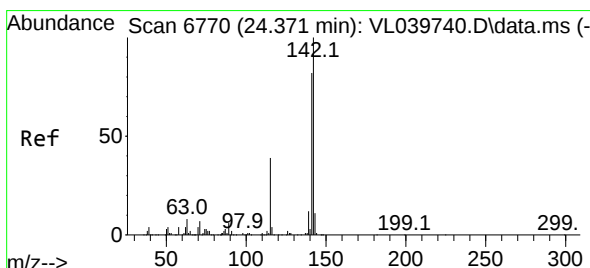
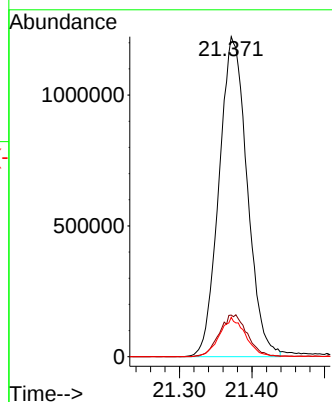
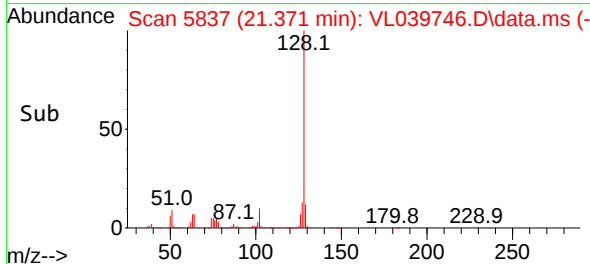
129 12.3 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#80

Naphthalene,2-methyl-

Concen: 18.439 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. -0.003 min

Lab File: VL039746.D

Acq: 21 Oct 2022 15:04

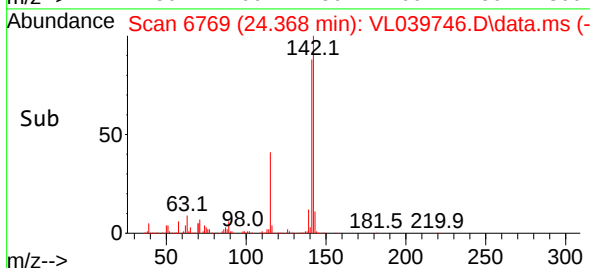
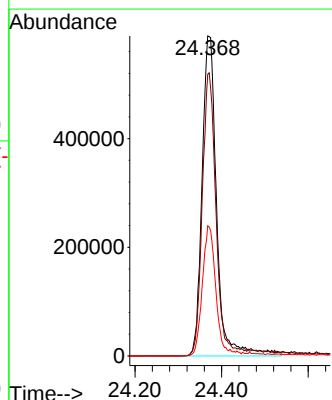
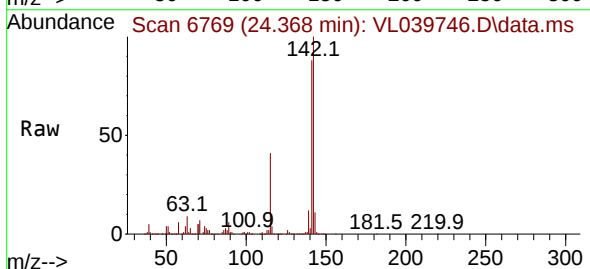
Tgt Ion:142 Resp: 1377936

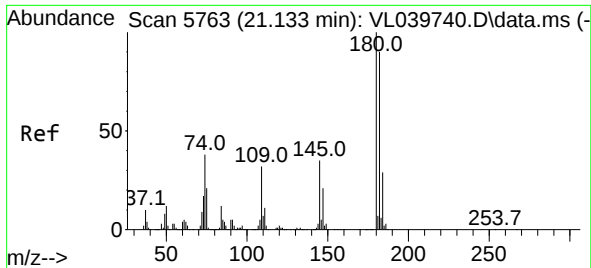
Ion Ratio Lower Upper

142 100

141 84.7 70.0 105.0

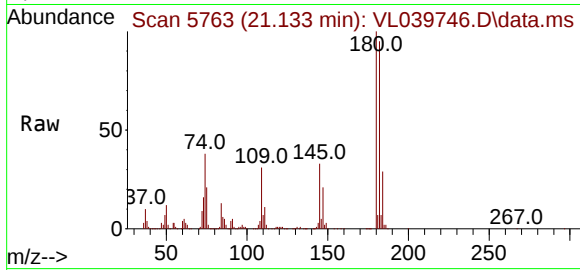
115 38.5 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 14.160 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039746.D
 Acq: 21 Oct 2022 15:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 1848430
 Ion Ratio Lower Upper
 180 100
 182 97.5 0.0 0.0
 184 31.5 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

