

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039742.D
 Acq On : 21 Oct 2022 11:21
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 14:20:34 2022

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)

Internal Standards						
1) Bromochloromethane	5.195	49	1072210	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2918767	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2582323	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 1837221 9.531 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.300%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.751	85	193294m	1.555	ppbv	
3) Chlorodifluoromethane	2.694	51	130726	1.027	ppbv	99
4) Chloromethane	2.832	50	83935	1.093	ppbv	90
5) Vinyl Chloride	2.938	62	68204	1.066	ppbv	94
6) Bromomethane	3.137	94	23938	1.014	ppbv	95
7) Chloroethane	3.214	64	22163	0.947	ppbv	99
8) Dichlorotetrafluoroethane	2.877	85	166627	1.118	ppbv	99
9) Propene	2.716	41	55761	0.960	ppbv	88
10) Heptane	7.581	43	132387m	0.976	ppbv	
11) Trichlorofluoromethane	3.581	101	158148	1.027	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.079	101	129695	1.115	ppbv	99
13) Ethanol	3.269	45	4016m	0.907	ppbv	
14) Bromoethene	3.382	108	50430m	1.086	ppbv	
15) Acetone	3.494	43	125642	1.053	ppbv	94
16) 1,3-Butadiene	3.005	39	59506	0.983	ppbv	94
17) tert-Butyl alcohol	3.909	59	114312m	1.068	ppbv	
18) 1,1-Dichloroethene	3.899	96	54192	1.059	ppbv	94
19) Isopropyl Alcohol	3.600	45	55922m	0.920	ppbv	
20) Methylene Chloride	3.944	84	51207	0.928	ppbv	86
21) Allyl Chloride	4.012	41	74238	0.914	ppbv	91
22) trans-1,2-Dichloroethene	4.459	96	52727	1.042	ppbv	95
23) Vinyl Acetate	4.639	43	50741m	0.941	ppbv	
24) 1,1-Dichloroethane	4.575	63	112871	1.051	ppbv #	98
25) Ethyl Acetate	5.218	43	246211	0.946	ppbv #	96
26) Hexane	5.218	57	101160	0.916	ppbv	93
27) Carbon Disulfide	4.140	76	110948	0.956	ppbv #	92
28) Methyl tert-Butyl Ether	4.607	73	91773	0.989	ppbv	95
29) Chloroform	5.279	83	165654	1.039	ppbv	90
30) Cyclohexane	6.603	84	74790	0.875	ppbv	90
31) cis-1,2-Dichloroethene	5.086	61	85616	0.857	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	148255m	1.027	ppbv	
34) 2-Butanone	4.803	43	133647m	0.932	ppbv	
35) Carbon Tetrachloride	6.494	117	154024m	0.994	ppbv	
36) Benzene	6.369	78	218775	0.980	ppbv	97
37) 1,2-Dichloroethane	5.809	62	114807	0.945	ppbv	96
38) Trichloroethene	7.285	130	122616	1.017	ppbv	95
39) 1,2-Dichloropropane	7.070	63	82494m	0.957	ppbv	
40) 1,4-Dioxane	7.308	88	33216m	0.944	ppbv	
41) Tetrahydrofuran	5.581	42	85847m	0.976	ppbv	
42) Bromodichloromethane	7.243	83	155453m	0.920	ppbv	
43) Methyl Methacrylate	7.478	69	71166m	0.875	ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	375619	0.977	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	50825m	0.739	ppbv	

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 14:20:34 2022

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

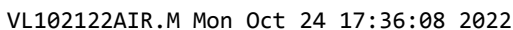
Response via : Initial Calibration

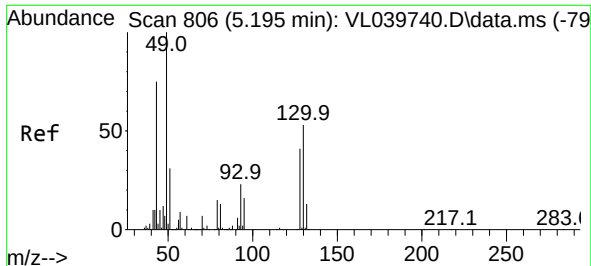
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	79317m	0.811	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	90641m	0.962	ppbv	
48) Dibromochloromethane	9.703	129	128005m	0.903	ppbv	
49) Bromoform	12.394	173	98023m	0.836	ppbv	
50) 4-Methyl-2-Pentanone	8.195	43	211836m	0.940	ppbv	
51) 2-Hexanone	9.565	43	141691m	0.850	ppbv	
52) Tetrachloroethene	10.610	164	78407m	0.921	ppbv	
53) Toluene	9.214	91	222799	0.898	ppbv	99
54) 1,2-Dibromoethane	9.996	107	95868m	0.951	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.504	131	104250	0.999	ppbv #	1
57) Chlorobenzene	11.516	112	196171	1.033	ppbv	98
58) Ethyl Benzene	12.082	91	282426	0.949	ppbv	91
59) m/p-Xylene	12.365	91	526522m	1.987	ppbv	
60) o-Xylene	13.053	91	255299	1.009	ppbv	99
61) Styrene	12.889	104	112002	0.822	ppbv	96
62) Isopropylbenzene	14.021	105	381040	1.001	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	103966m	1.030	ppbv	
64) n-propylbenzene	14.909	120	90414	0.927	ppbv	85
65) tert-Butylbenzene	16.082	119	335241	0.997	ppbv	96
66) Benzyl Chloride	16.320	91	20486m	0.765	ppbv	
67) sec-Butylbenzene	16.629	105	462529	0.980	ppbv	100
69) p-Isopropyltoluene	16.982	119	369632	0.953	ppbv	98
70) n-Butylbenzene	17.879	91	344097	0.905	ppbv	98
71) 2-Chlorotoluene	14.790	91	263836	0.960	ppbv	97
72) 4-Ethyltoluene	15.182	105	267924	0.927	ppbv	96
73) 1,3,5-Trimethylbenzene	15.339	105	264455m	1.000	ppbv	
74) 1,2,4-Trimethylbenzene	16.095	105	290833	0.982	ppbv	95
75) 1,3-Dichlorobenzene	16.320	146	171679m	0.971	ppbv	
76) 1,4-Dichlorobenzene	16.462	146	172356m	0.975	ppbv	
77) 1,2-Dichlorobenzene	17.137	146	174532m	1.012	ppbv	
78) Hexachloro-1,3-Butadiene	22.622	225	135404m	1.028	ppbv	
79) Naphthalene	21.375	128	174988m	0.895	ppbv	
80) Naphthalene,2-methyl-	24.374	142	24996	0.340	ppbv	89
81) 1,2,4-Trichlorobenzene	21.127	180	109429m	0.852	ppbv	

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

Manual Integrations APPROVED

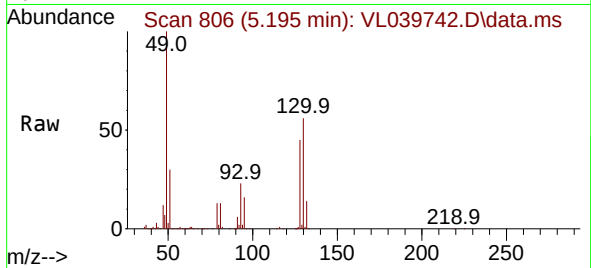
Quant Time: Oct 21 14:20:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Oct 21 14:16:04 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

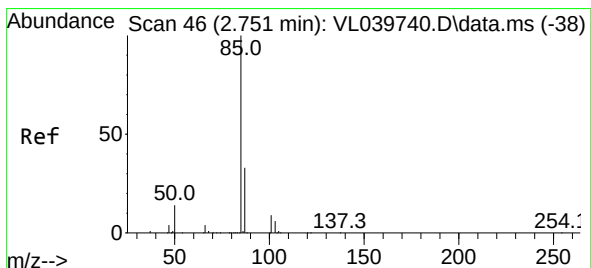
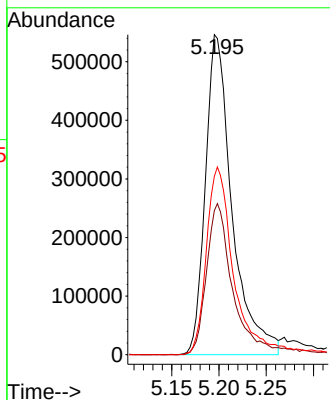
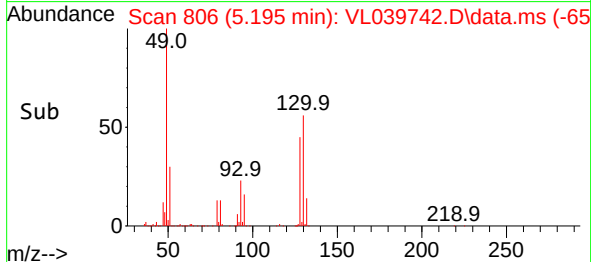
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 49 Resp: 1072210
Ion Ratio Lower Upper
49 100
128 48.3 22.6 67.8
130 63.0 29.0 87.0

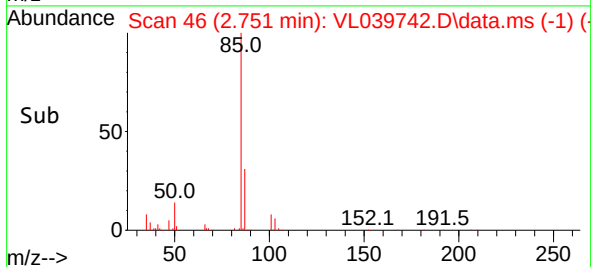
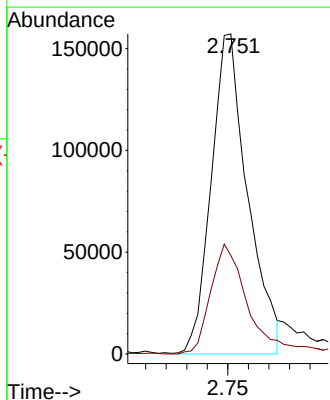
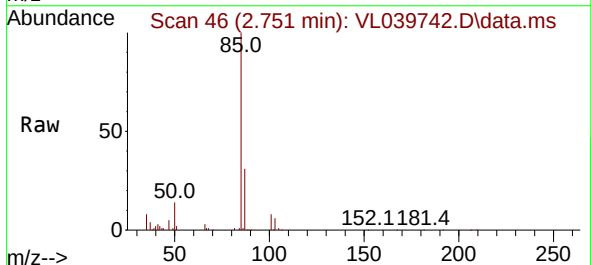
Manual Integrations
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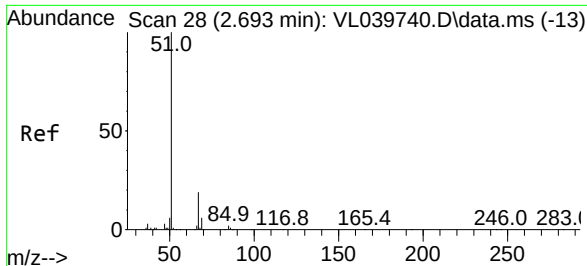
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#2
Dichlorodifluoromethane
Concen: 1.555 ppbv m
RT: 2.751 min Scan# 46
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 85 Resp: 193294
Ion Ratio Lower Upper
85 100
87 30.7 26.6 40.0





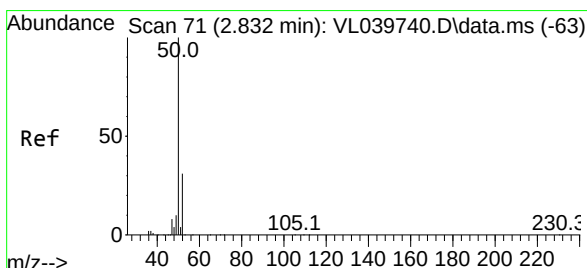
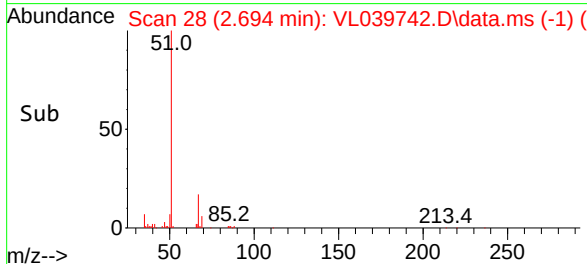
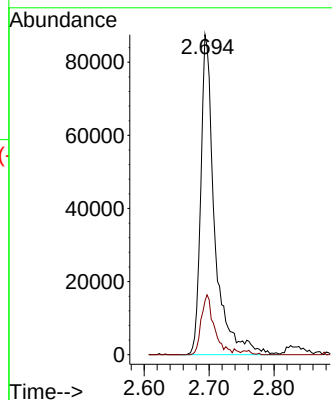
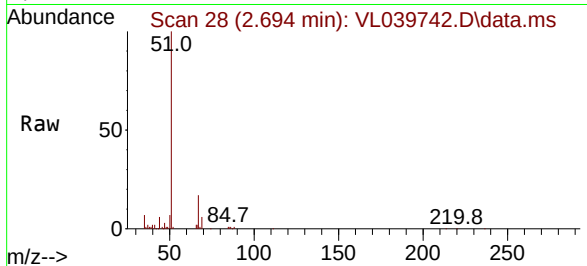
#3
Chlorodifluoromethane
Concen: 1.027 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 130720
Ion Ratio Lower Upper
51 100
67 18.8 14.6 21.8

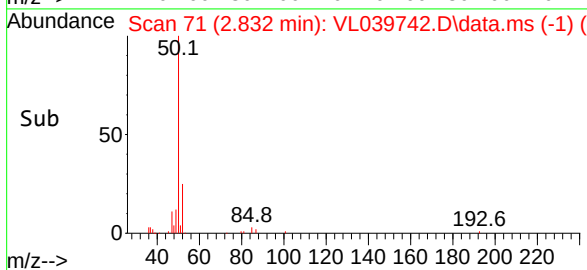
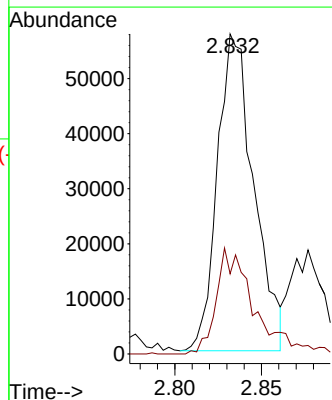
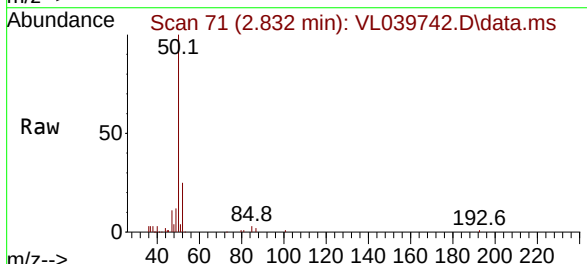
Manual Integrations
APPROVED

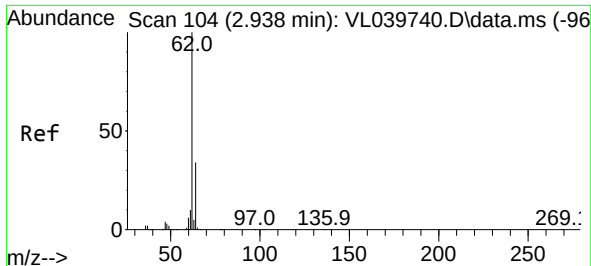
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#4
Chloromethane
Concen: 1.093 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

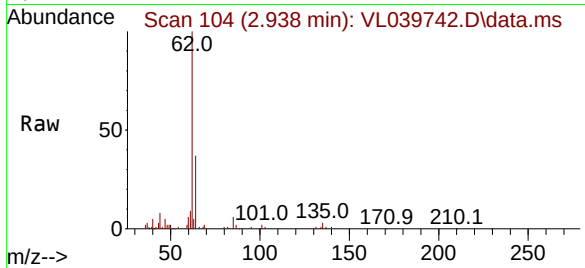
Tgt Ion: 50 Resp: 83935
Ion Ratio Lower Upper
50 100
52 25.3 24.8 37.2





#5
 Vinyl Chloride
 Concen: 1.066 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

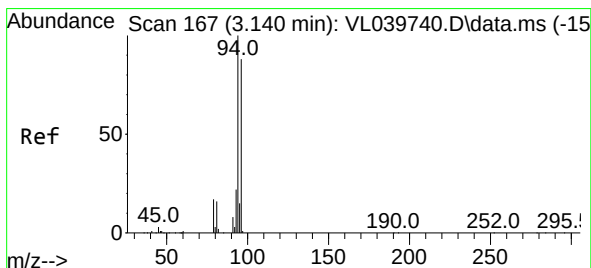
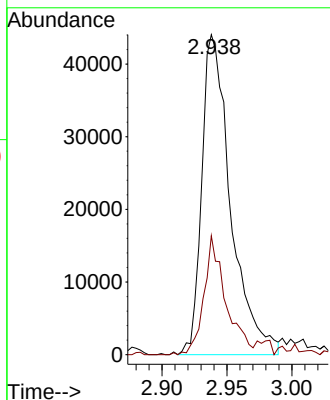
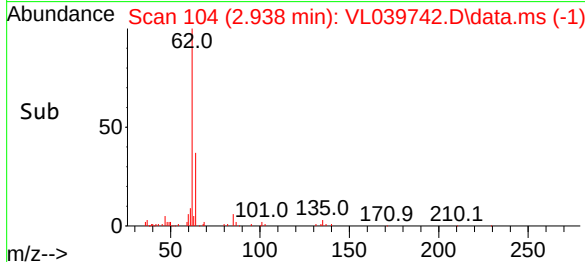
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



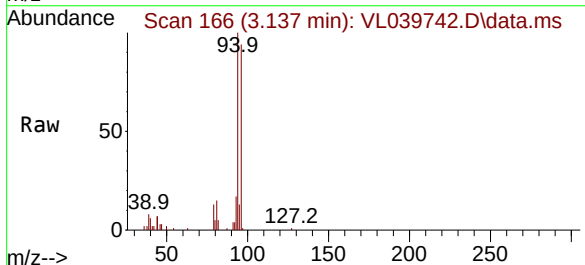
Tgt Ion: 62 Resp: 68204
 Ion Ratio Lower Upper
 62 100
 64 37.3 27.1 40.7

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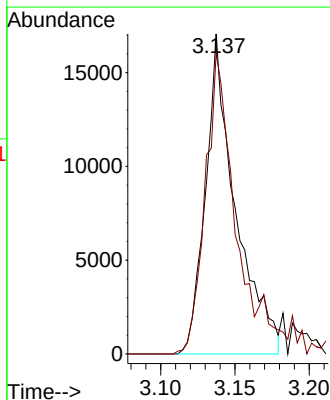
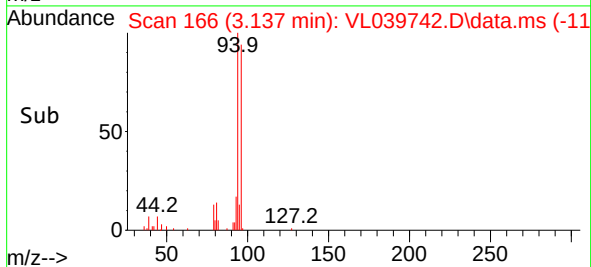
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

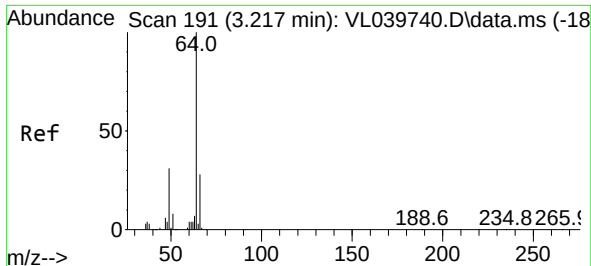


#6
 Bromomethane
 Concen: 1.014 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21



Tgt Ion: 94 Resp: 23938
 Ion Ratio Lower Upper
 94 100
 96 93.1 70.5 105.7





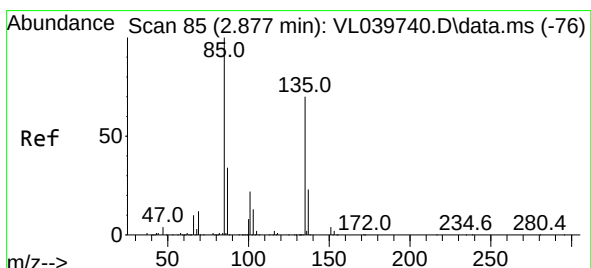
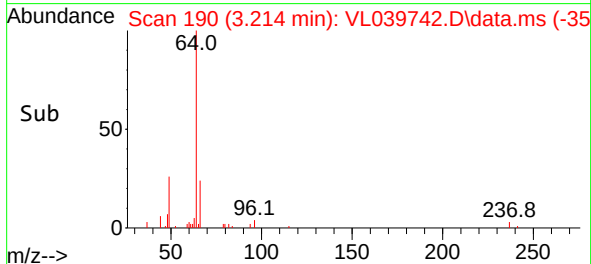
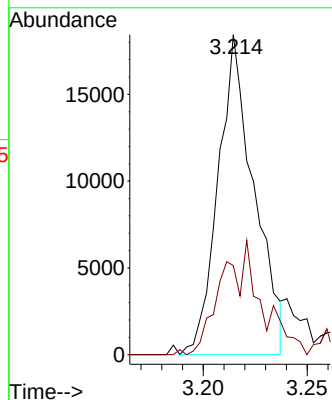
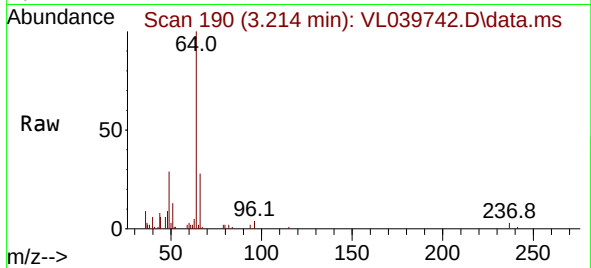
#7
Chloroethane
Concen: 0.947 ppbv
RT: 3.214 min Scan# 191
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 2216
Ion Ratio Lower Upper
64 100
66 27.8 22.6 34.0

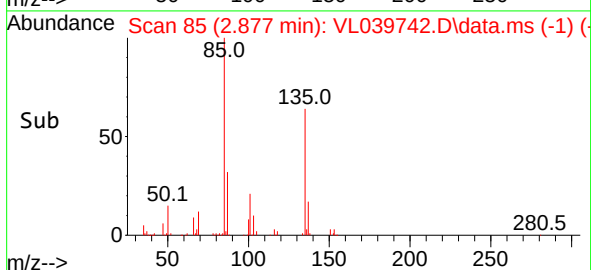
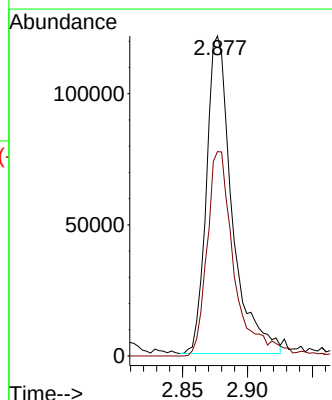
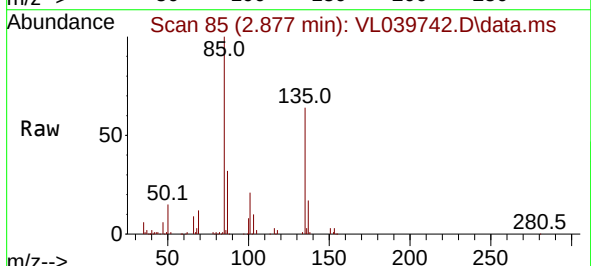
Manual Integrations
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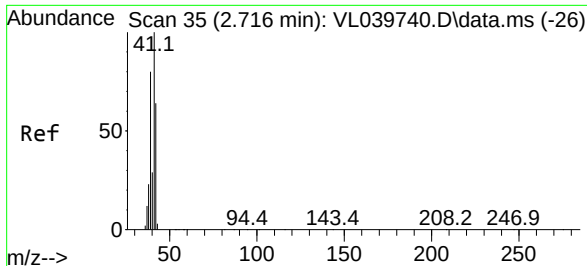
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#8
Dichlorotetrafluoroethane
Concen: 1.118 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

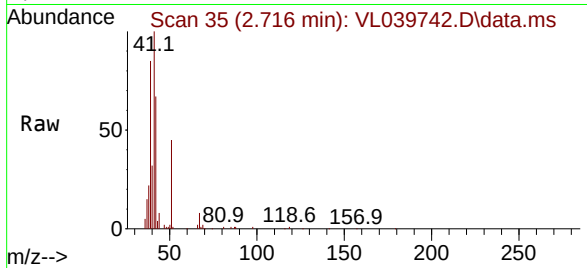
Tgt Ion: 85 Resp: 166627
Ion Ratio Lower Upper
85 100
135 69.4 56.1 84.1





#9
 Propene
 Concen: 0.960 ppbv
 RT: 2.716 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

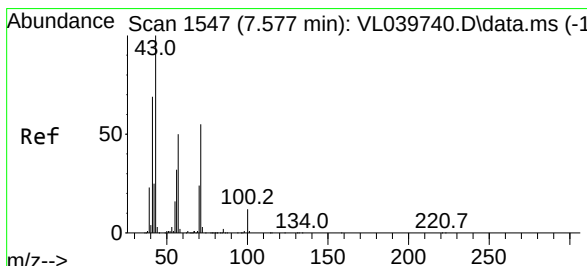
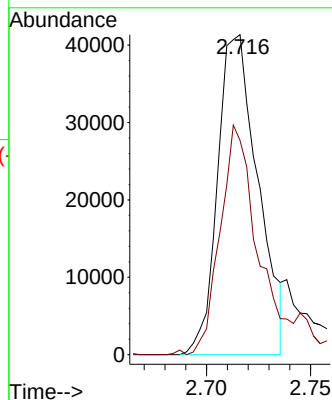
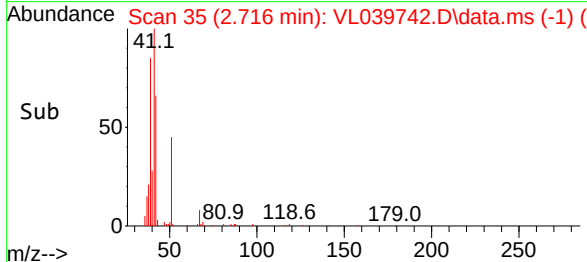
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



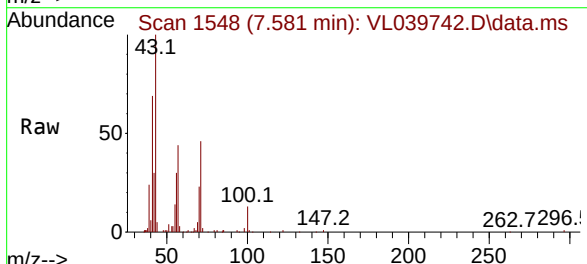
Tgt Ion: 41 Resp: 5576
 Ion Ratio Lower Upper
 41 100
 42 78.1 54.4 81.6

Manual Integrations
 APPROVED

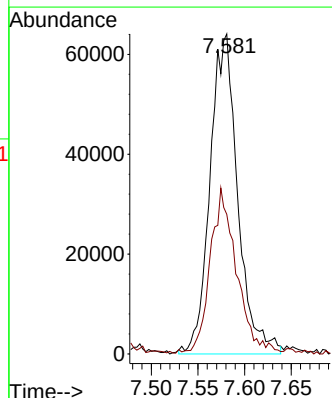
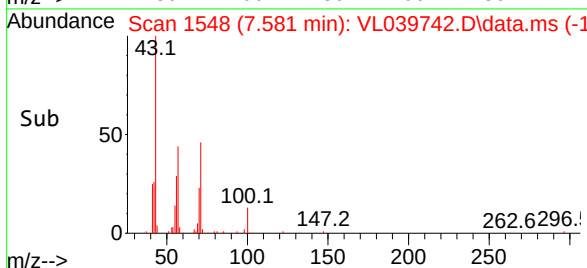
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 Supervised By :Mahesh Dadoda 10/24/2022

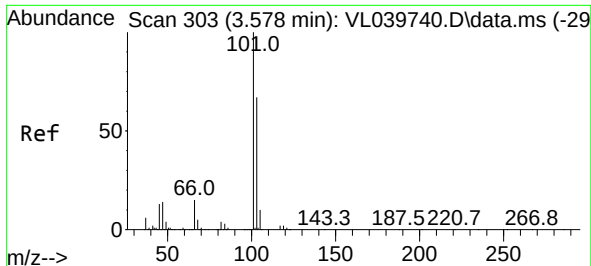


#10
 Heptane
 Concen: 0.976 ppbv m
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21



Tgt Ion: 43 Resp: 132387
 Ion Ratio Lower Upper
 43 100
 57 0.0 40.0 60.0#





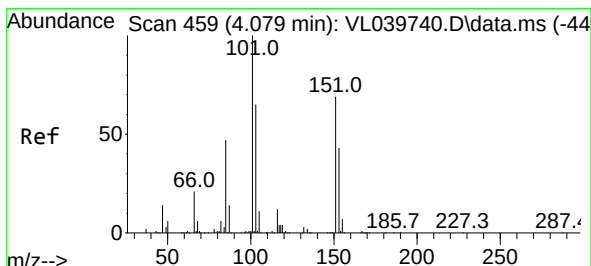
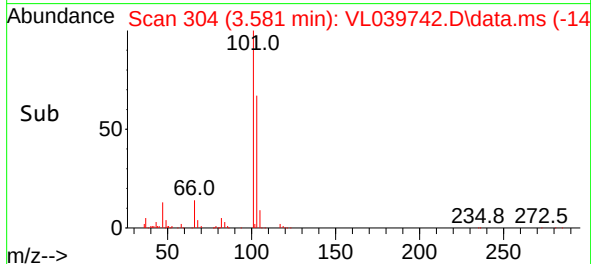
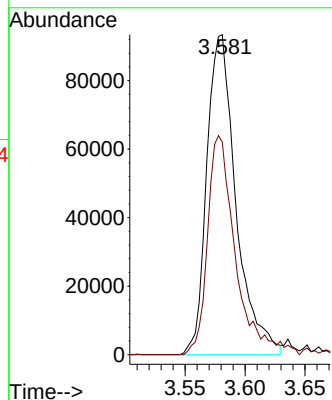
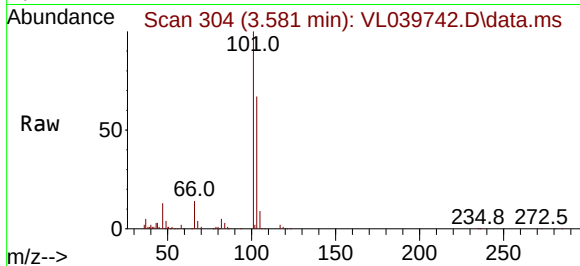
#11
 Trichlorofluoromethane
 Concen: 1.027 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:101 Resp: 158148
 Ion Ratio Lower Upper
 101 100
 103 66.5 53.2 79.8

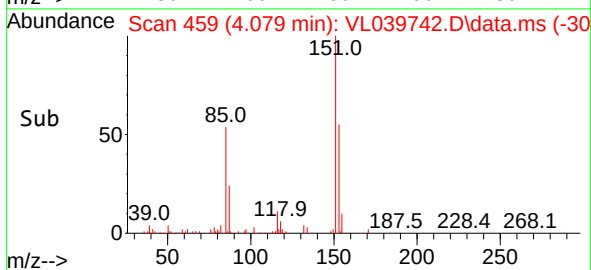
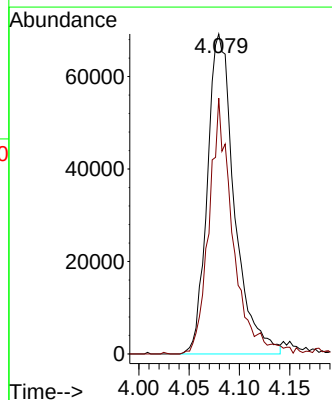
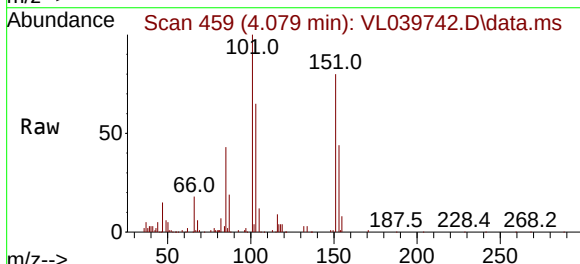
Manual Integrations
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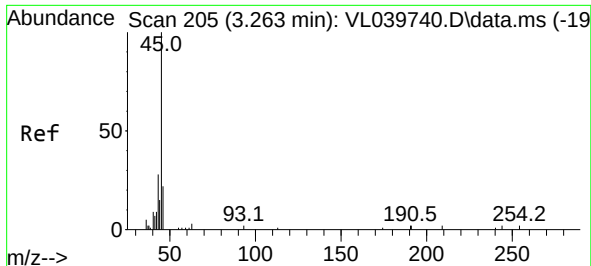
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.115 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

Tgt Ion:101 Resp: 129695
 Ion Ratio Lower Upper
 101 100
 151 71.5 58.0 87.0





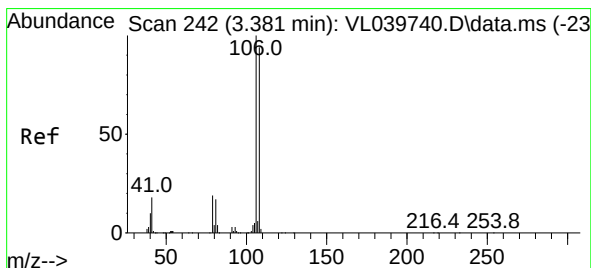
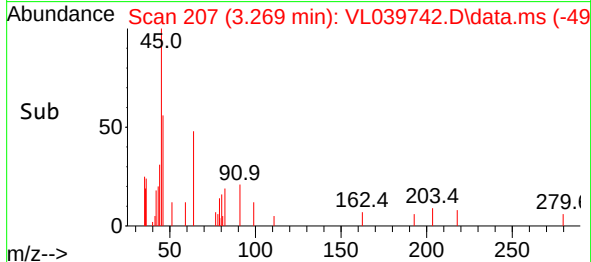
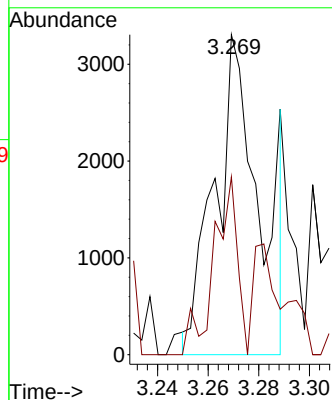
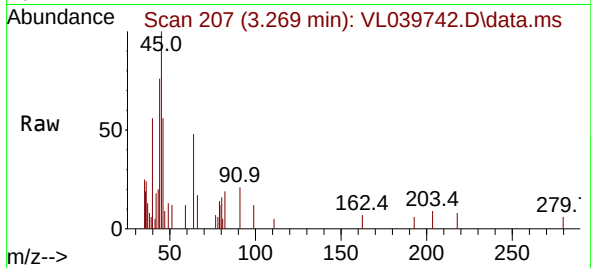
#13
Ethanol
Concen: 0.907 ppbv m
RT: 3.269 min Scan# 205
Delta R.T. 0.007 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 4010
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2

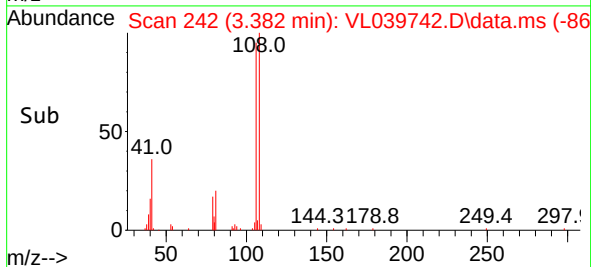
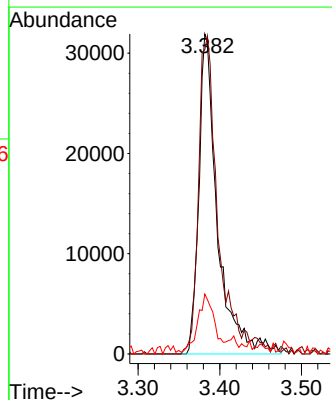
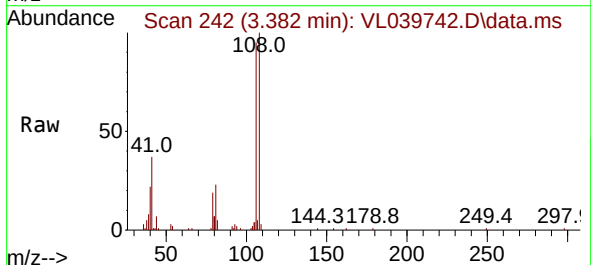
Manual Integrations
APPROVED

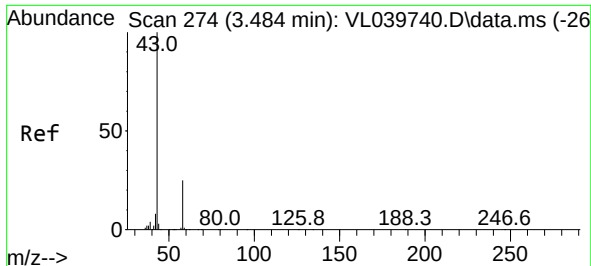
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#14
Bromoethene
Concen: 1.086 ppbv m
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion:108 Resp: 50430
Ion Ratio Lower Upper
108 100
106 106.2 90.2 135.4
79 21.3 16.2 24.2





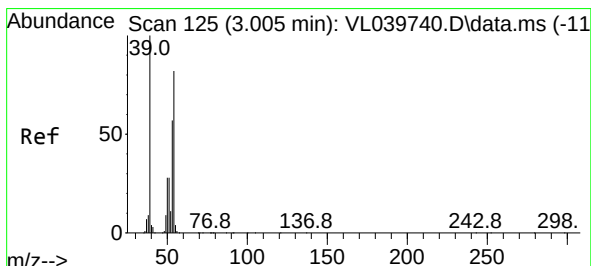
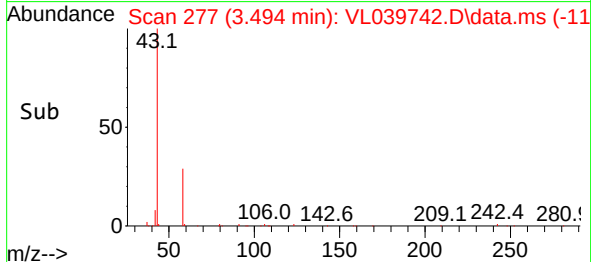
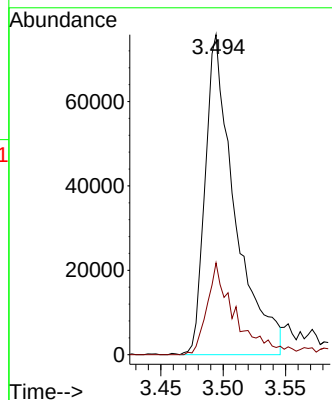
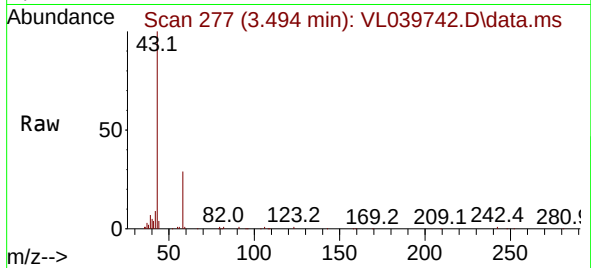
#15
Acetone
Concen: 1.053 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 12564
Ion Ratio Lower Upper
43 100
58 28.9 20.9 31.3

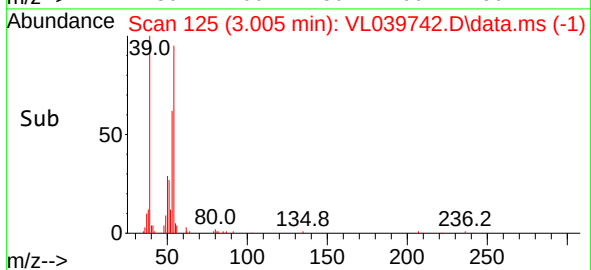
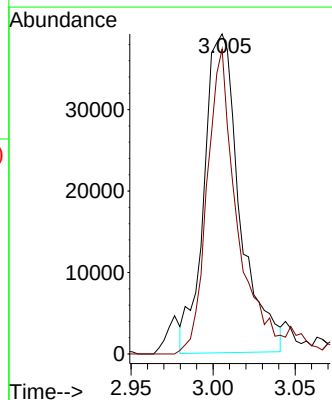
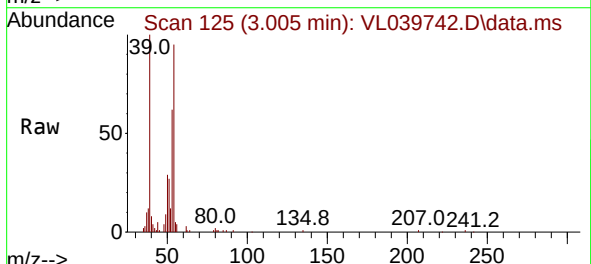
Manual Integrations
APPROVED

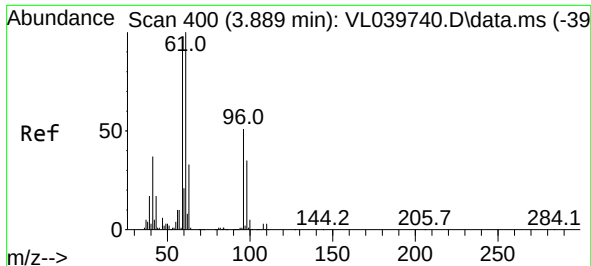
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#16
1,3-Butadiene
Concen: 0.983 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 39 Resp: 59506
Ion Ratio Lower Upper
39 100
54 86.6 65.2 97.8





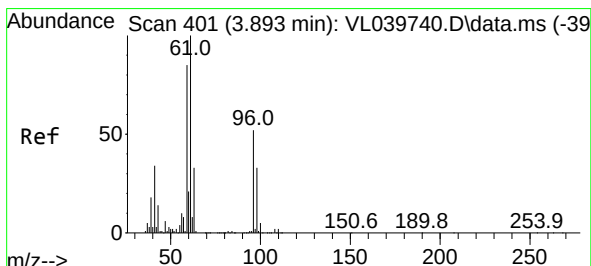
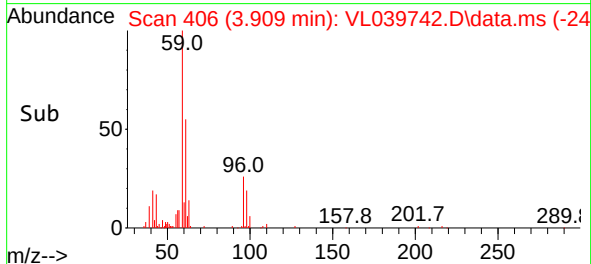
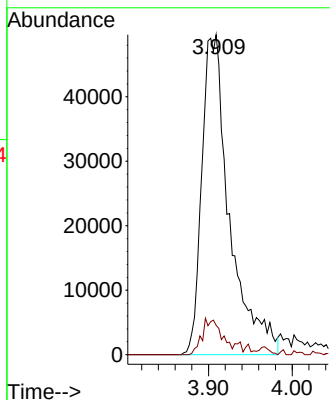
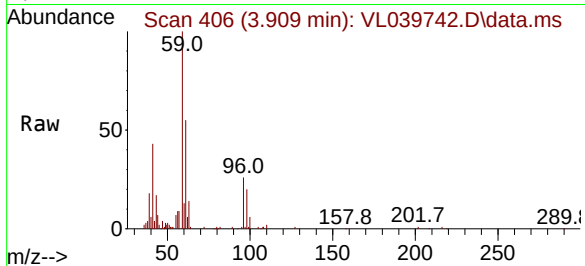
#17
tert-Butyl alcohol
Concen: 1.068 ppbv m
RT: 3.909 min Scan# 406
Delta R.T. 0.020 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 11431
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

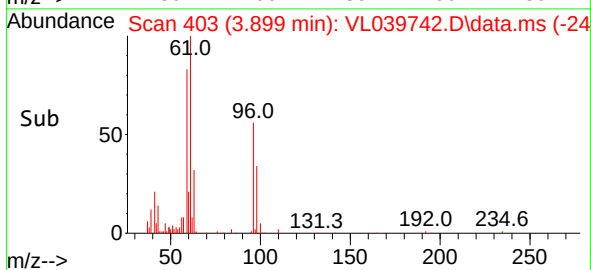
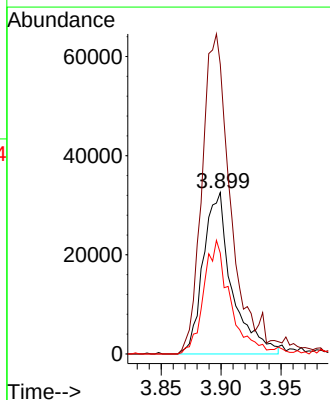
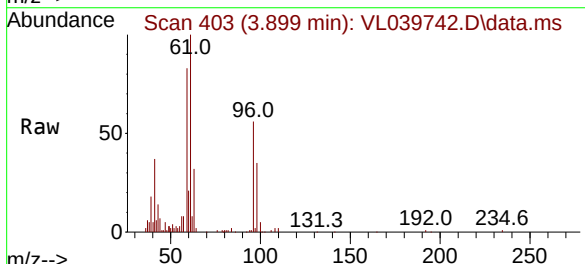
Manual Integrations
APPROVED

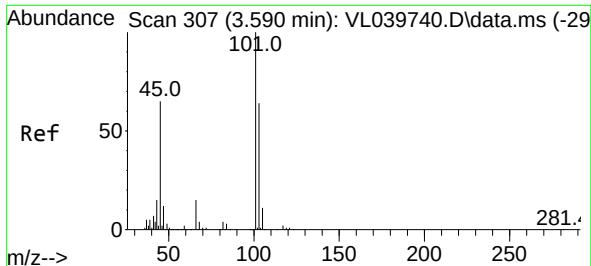
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#18
1,1-Dichloroethene
Concen: 1.059 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.007 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

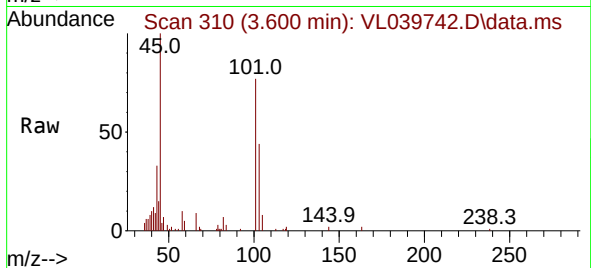
Tgt Ion: 96 Resp: 54192
Ion Ratio Lower Upper
96 100
61 179.3 152.7 229.1
98 62.4 50.2 75.2





#19
Isopropyl Alcohol
Concen: 0.920 ppbv m
RT: 3.600 min Scan# 310
Delta R.T. 0.010 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

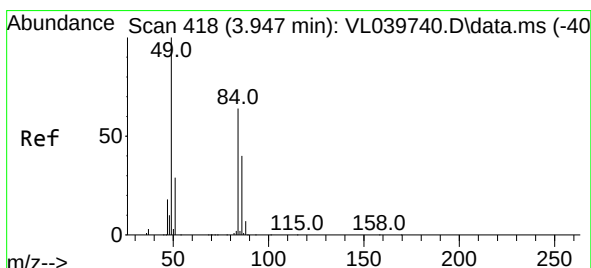
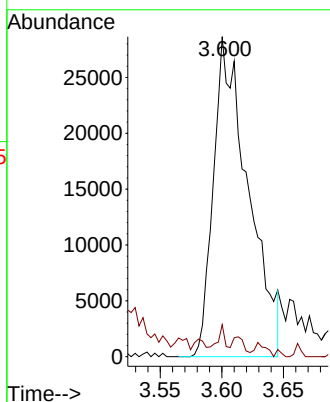
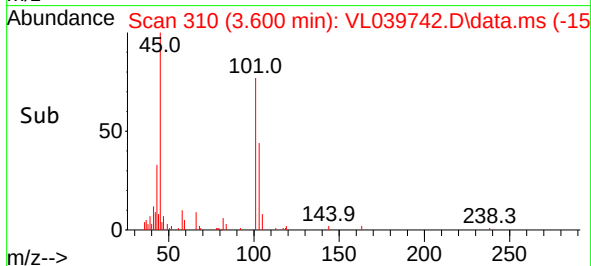
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



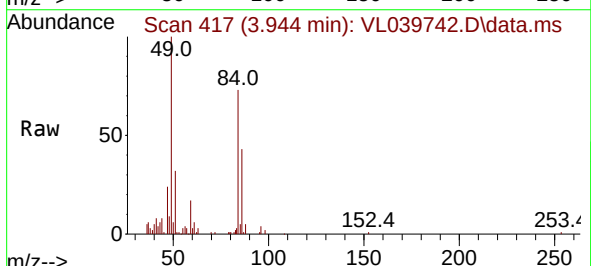
Tgt Ion: 45 Resp: 5592
Ion Ratio Lower Upper
45 100
58 7.9 3.3 4.9

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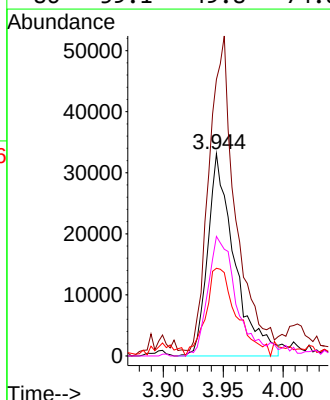
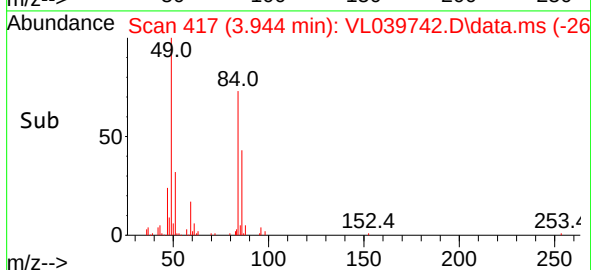
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

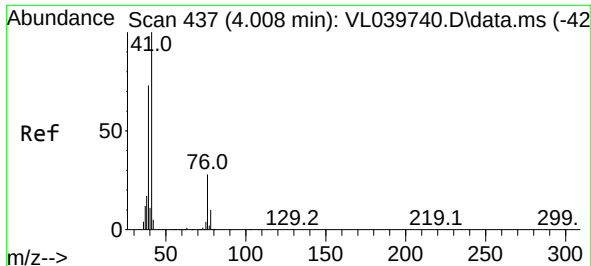


#20
Methylene Chloride
Concen: 0.928 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



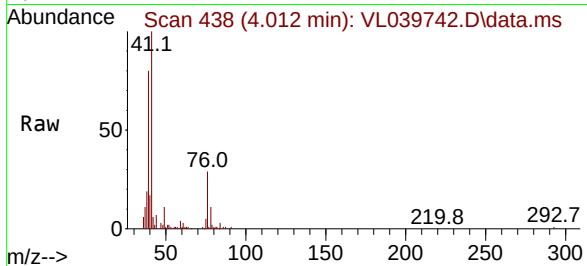
Tgt Ion: 84 Resp: 51207
Ion Ratio Lower Upper
84 100
49 130.8 124.2 186.4
51 39.8 36.6 54.8
86 59.1 49.8 74.8





#21
 Allyl Chloride
 Concen: 0.914 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

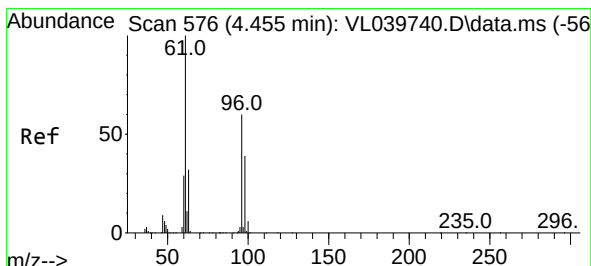
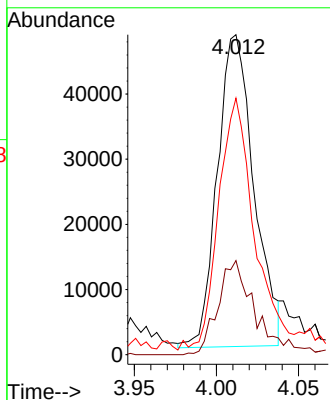
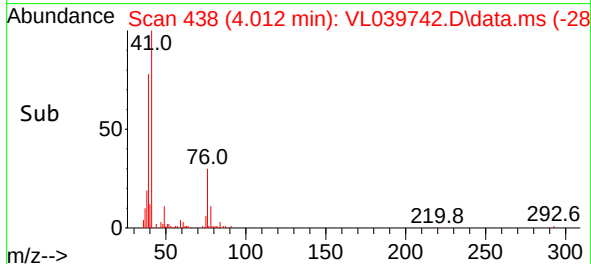
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 74238
 Ion Ratio Lower Upper
 41 100
 76 32.0 23.5 35.3
 39 94.1 67.4 101.2

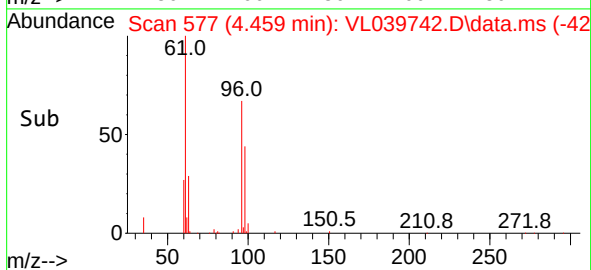
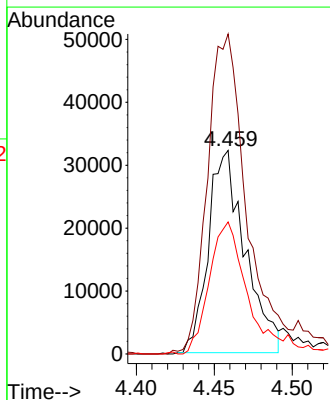
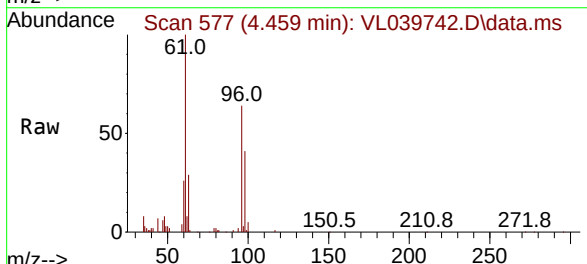
Manual Integrations
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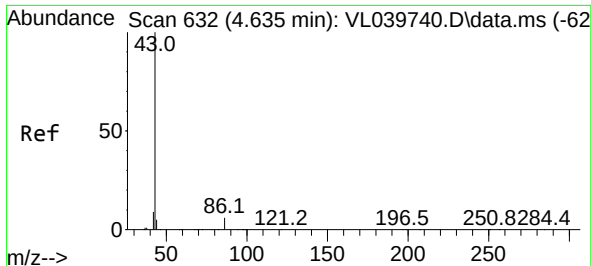
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#22
 trans-1,2-Dichloroethene
 Concen: 1.042 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

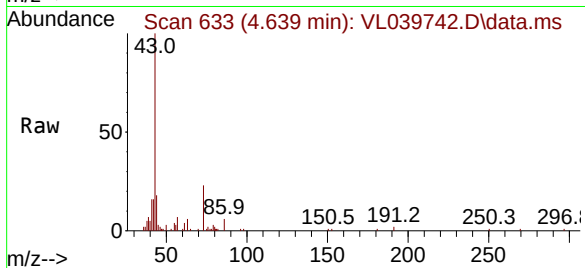
Tgt Ion: 96 Resp: 52727
 Ion Ratio Lower Upper
 96 100
 61 157.0 132.9 199.3
 98 65.3 51.6 77.4





#23
 Vinyl Acetate
 Concen: 0.941 ppbv m
 RT: 4.639 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

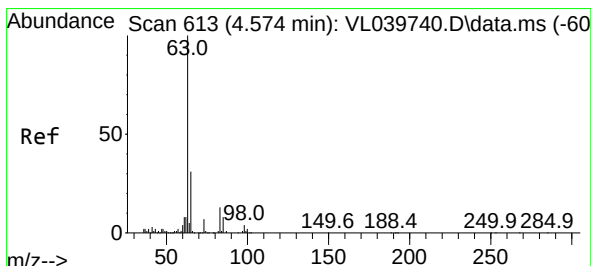
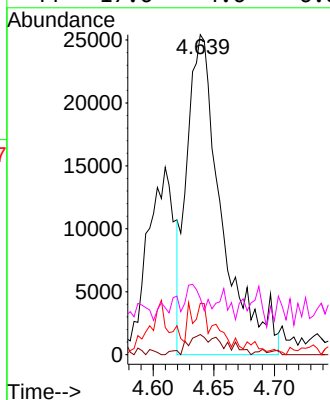
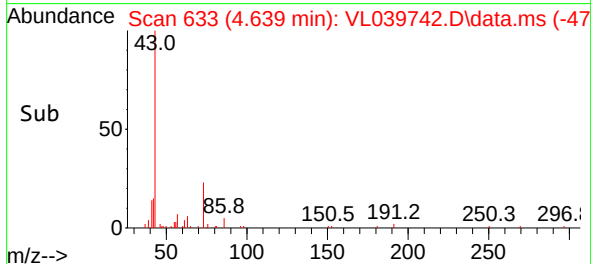
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 43 Resp: 5074
 Ion Ratio Lower Upper
 43 100
 86 6.3 4.3 6.5
 42 16.1 7.9 11.9
 44 17.6 4.6 6.8#

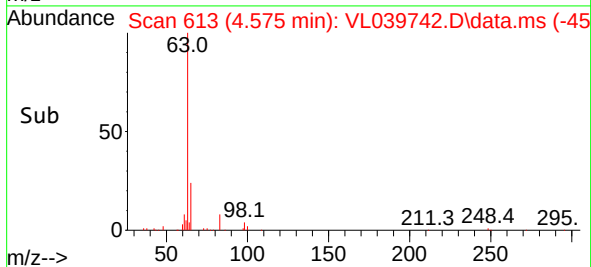
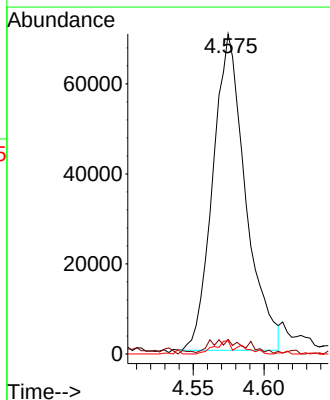
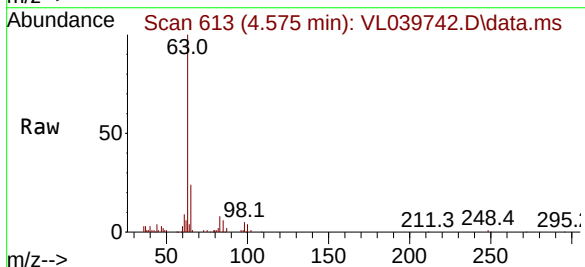
Manual Integrations
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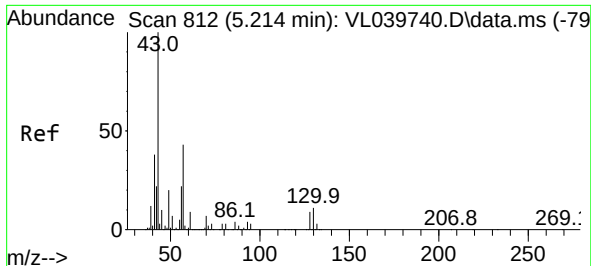
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#24
 1,1-Dichloroethane
 Concen: 1.051 ppbv
 RT: 4.575 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

Tgt Ion: 63 Resp: 112871
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.1 6.5
 100 3.8 1.2 3.6#





#25

Ethyl Acetate

Concen: 0.946 ppbv

RT: 5.218 min Scan# 813

Delta R.T. 0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 24621

Ion Ratio Lower Upper

43 100

45 12.1 8.1 12.1

61 10.7 7.5 11.3

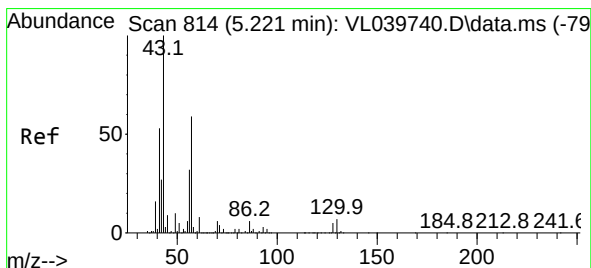
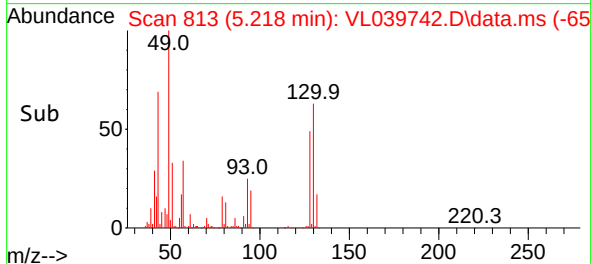
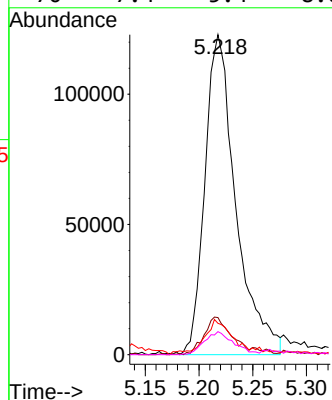
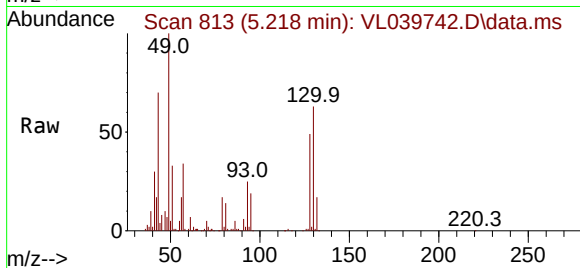
70 7.4 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#26

Hexane

Concen: 0.916 ppbv

RT: 5.218 min Scan# 813

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Tgt Ion: 57 Resp: 101160

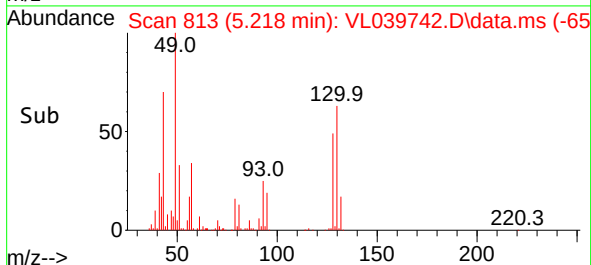
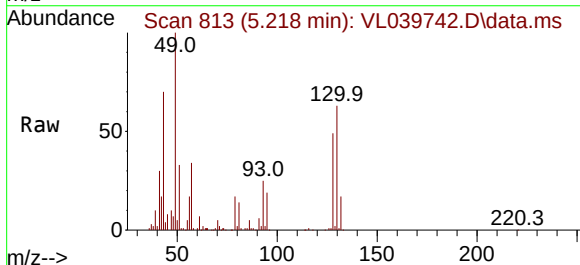
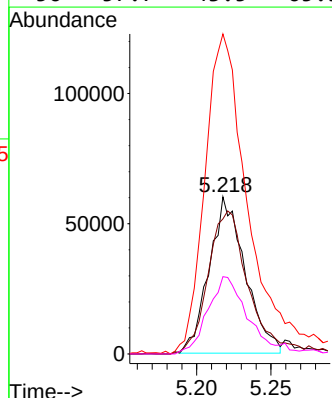
Ion Ratio Lower Upper

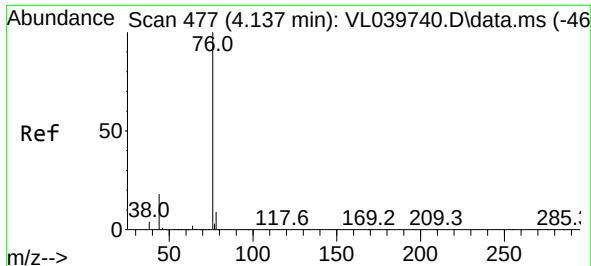
57 100

41 106.5 76.8 115.2

43 262.0 201.0 301.4

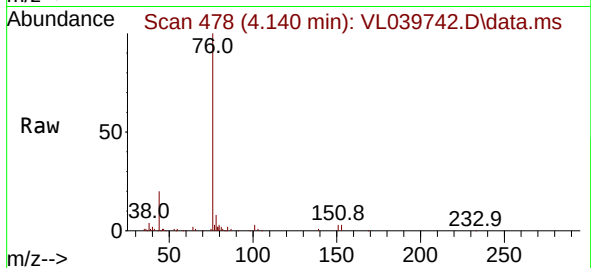
56 57.7 43.5 65.3





#27
Carbon Disulfide
Concen: 0.956 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

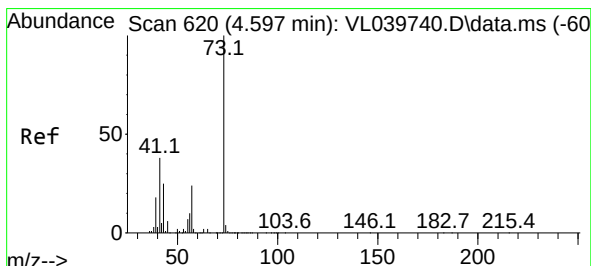
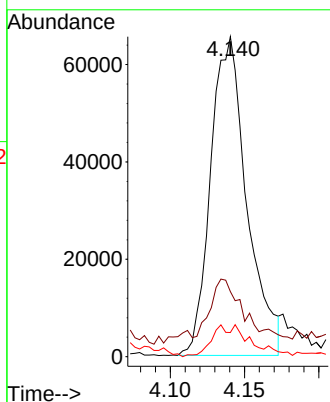
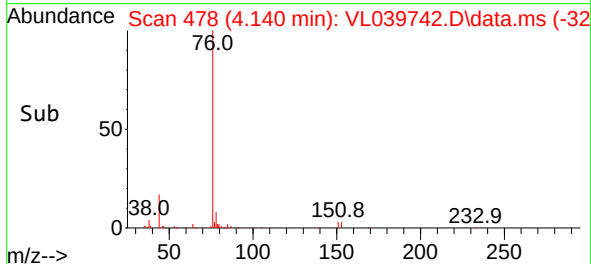
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



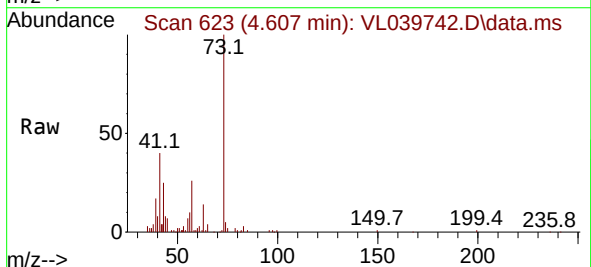
Tgt Ion: 76 Resp: 110948
Ion Ratio Lower Upper
76 100
44 22.3 14.5 21.7
78 11.7 8.1 12.1

Manual Integrations
APPROVED

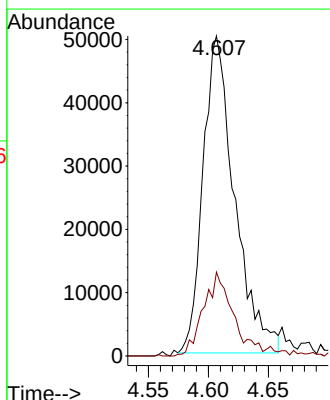
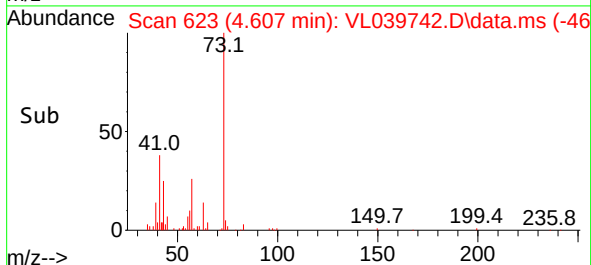
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

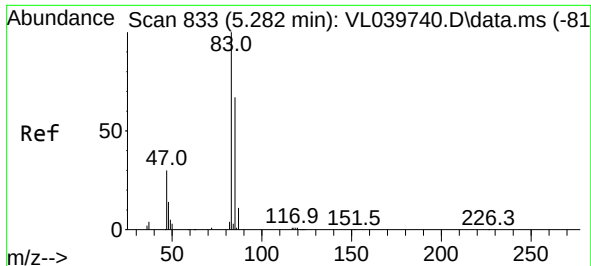


#28
Methyl tert-Butyl Ether
Concen: 0.989 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.010 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



Tgt Ion: 73 Resp: 91773
Ion Ratio Lower Upper
73 100
57 26.7 19.4 29.2





#29

Chloroform

Concen: 1.039 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 165654

Ion Ratio Lower Upper

83 100

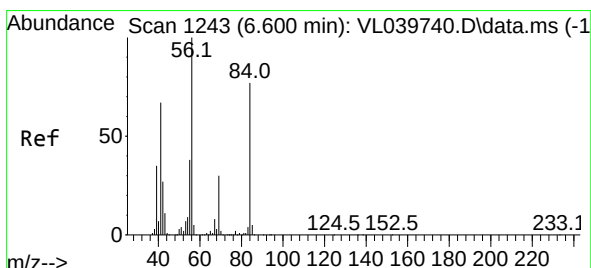
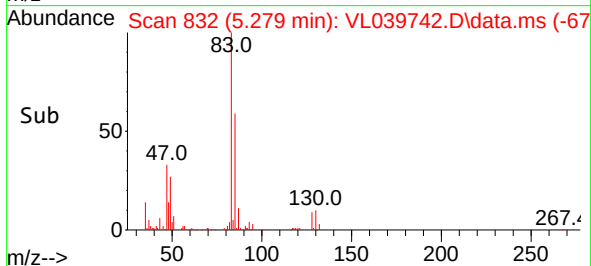
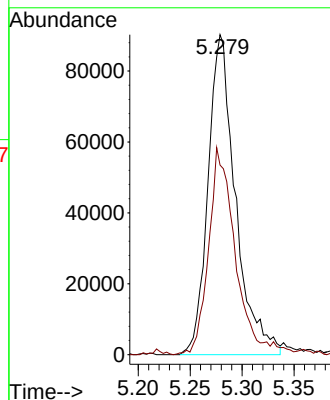
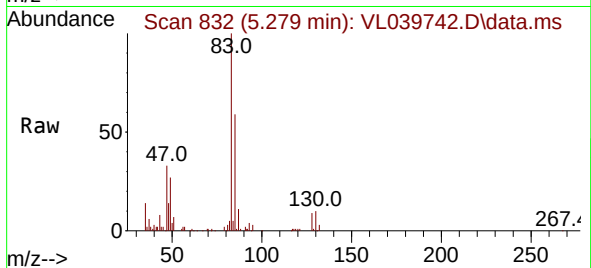
85 58.7 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Cyclohexane

Concen: 0.875 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

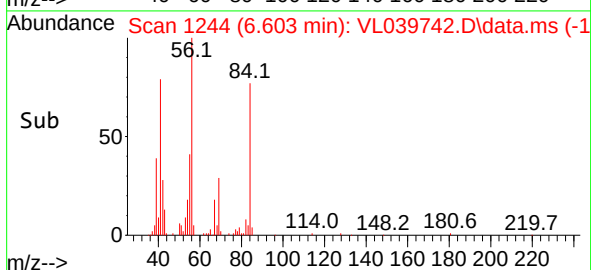
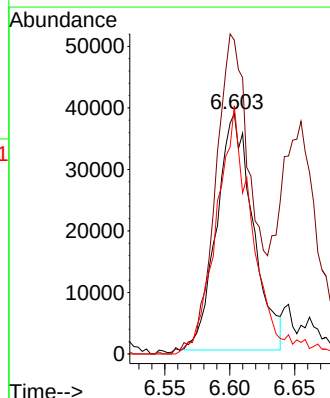
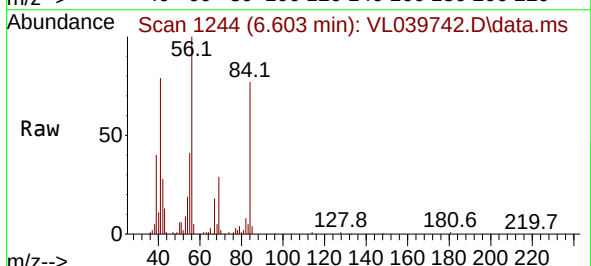
Tgt Ion: 84 Resp: 74790

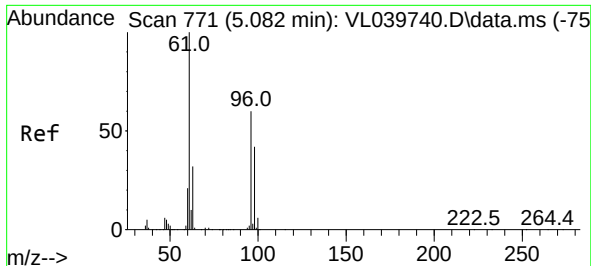
Ion Ratio Lower Upper

84 100

56 132.7 114.2 171.4

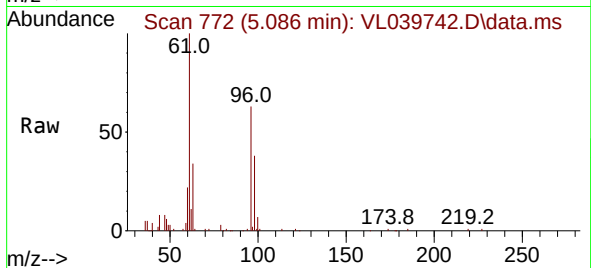
41 105.5 74.2 111.2





#31
 cis-1,2-Dichloroethene
 Concen: 0.857 ppbv
 RT: 5.086 min Scan# 771
 Delta R.T. 0.003 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

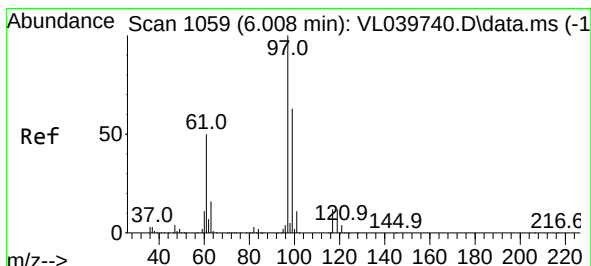
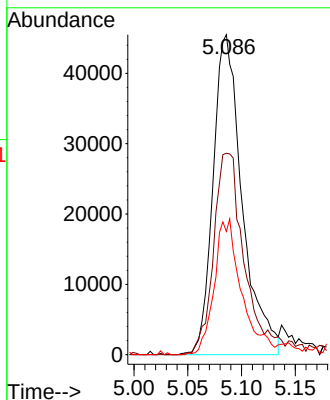
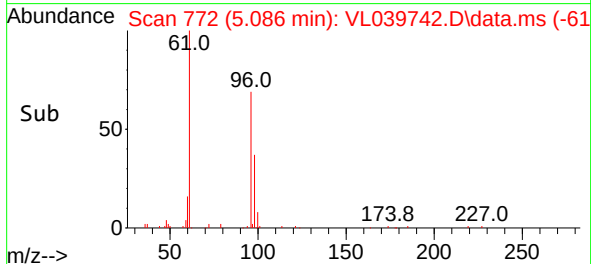
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001



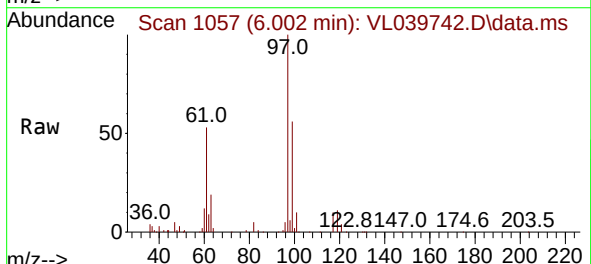
Tgt Ion: 61 Resp: 85610
 Ion Ratio Lower Upper
 61 100
 96 63.0 48.3 72.5
 98 38.5 33.2 49.8

Manual Integrations
 APPROVED

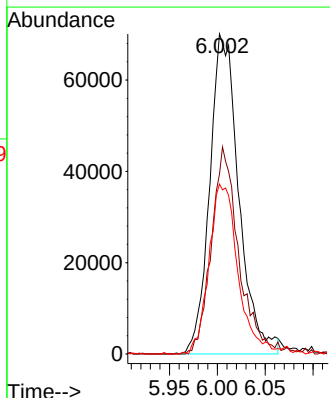
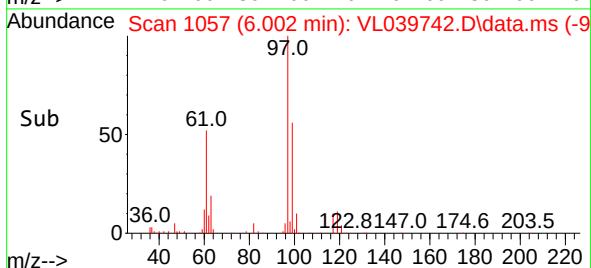
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

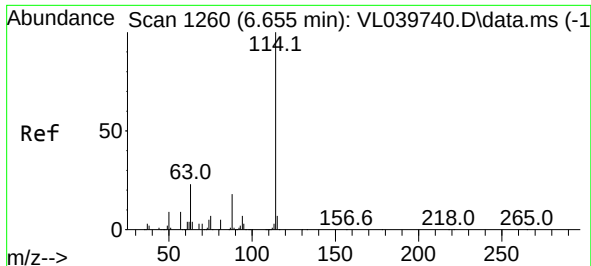


#32
 1,1,1-Trichloroethane
 Concen: 1.027 ppbv m
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21



Tgt Ion: 97 Resp: 148255
 Ion Ratio Lower Upper
 97 100
 99 0.0 53.0 79.4#
 61 0.0 43.3 64.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 291876

Ion Ratio Lower Upper

114 100

63 24.8 19.8 29.6

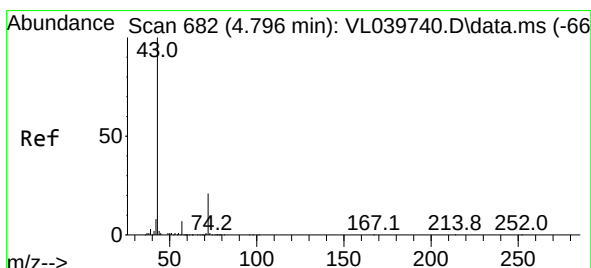
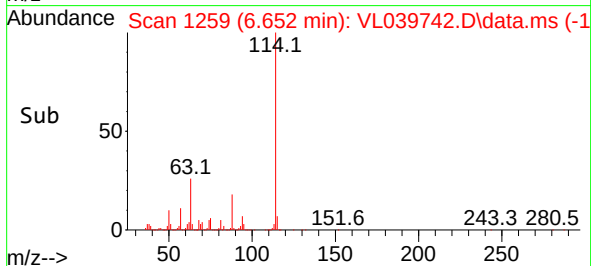
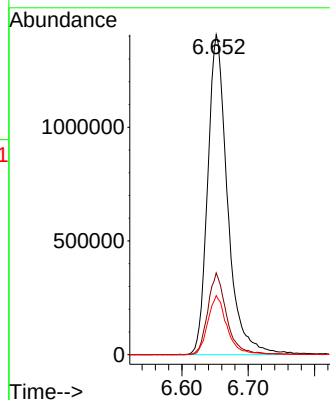
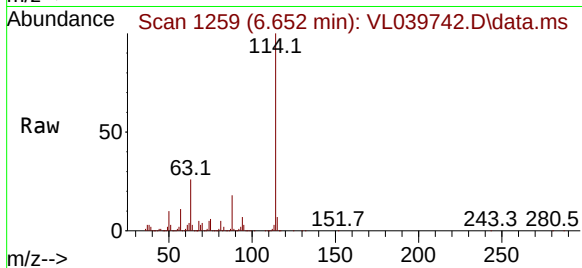
88 18.1 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

2-Butanone

Concen: 0.932 ppbv m

RT: 4.803 min Scan# 684

Delta R.T. 0.007 min

Lab File: VL039742.D

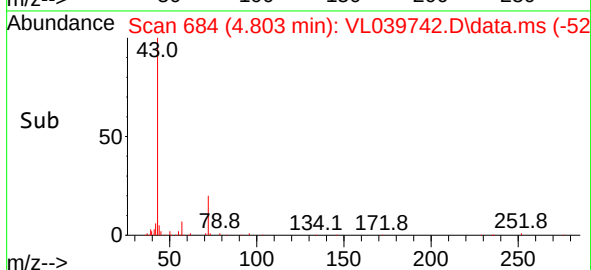
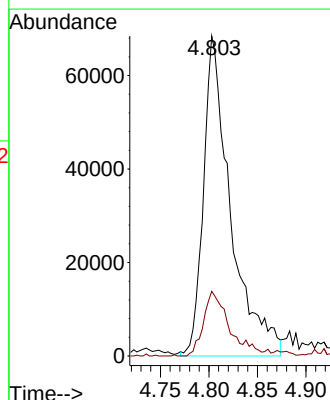
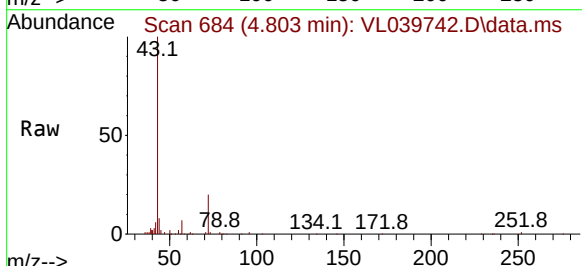
Acq: 21 Oct 2022 11:21

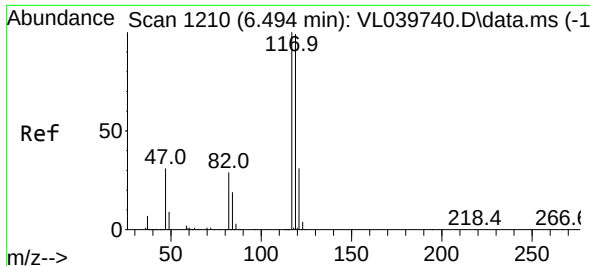
Tgt Ion: 43 Resp: 133647

Ion Ratio Lower Upper

43 100

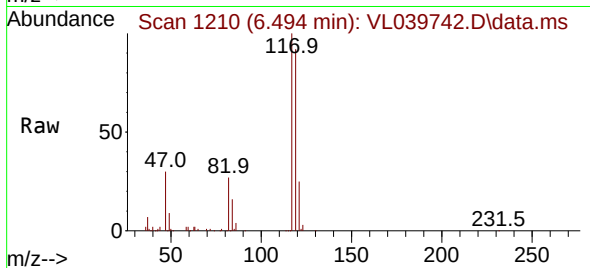
72 20.4 17.1 25.7





#35
Carbon Tetrachloride
Concen: 0.994 ppbv m
RT: 6.494 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

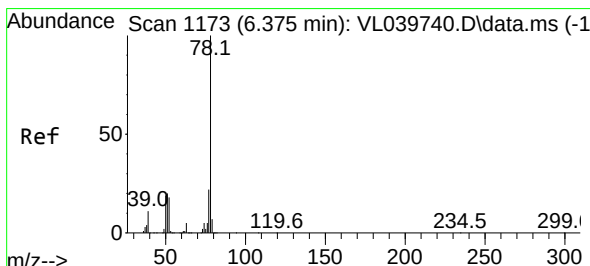
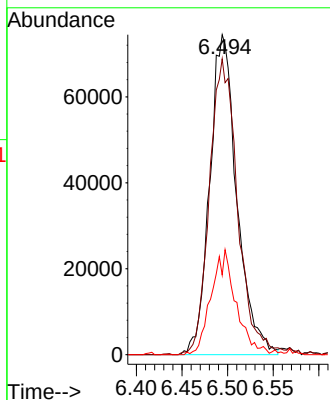
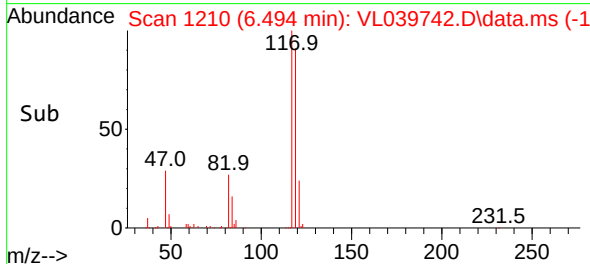
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



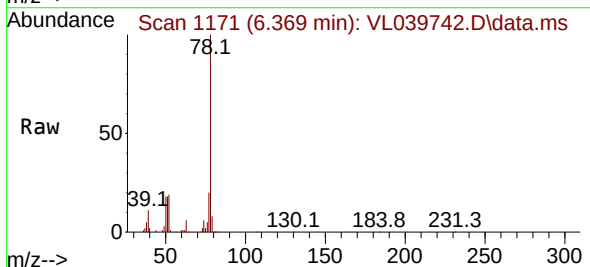
Tgt Ion: 117 Resp: 154024
Ion Ratio Lower Upper
117 100
119 92.5 79.2 118.8
121 24.9 25.0 37.6

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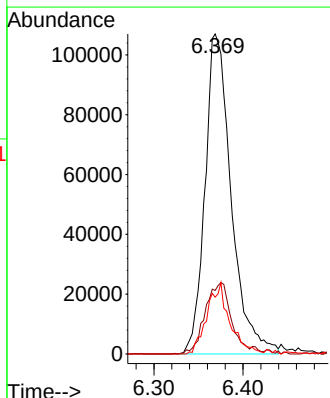
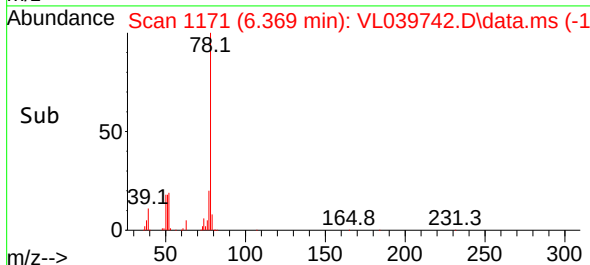
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

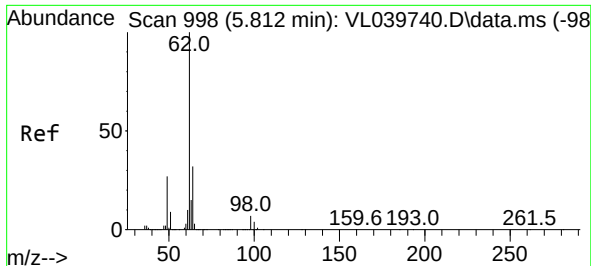


#36
Benzene
Concen: 0.980 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



Tgt Ion: 78 Resp: 218775
Ion Ratio Lower Upper
78 100
77 19.9 17.3 25.9
50 17.5 14.9 22.3





#37

1,2-Dichloroethane

Concen: 0.945 ppbv

RT: 5.809 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 11480

Ion Ratio Lower Upper

62 100

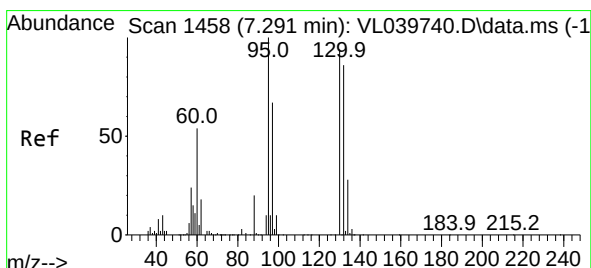
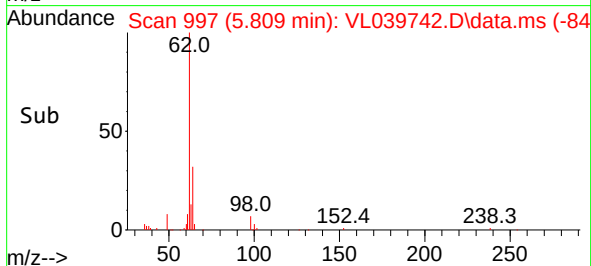
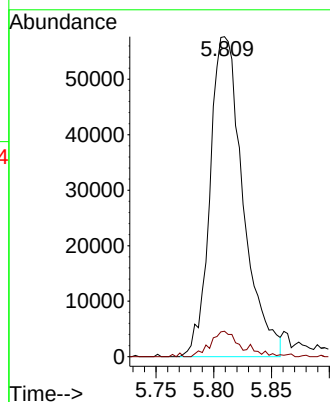
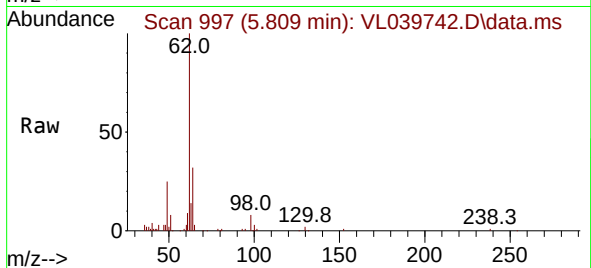
98 7.9 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#38

Trichloroethene

Concen: 1.017 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.006 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Tgt Ion:130 Resp: 122616

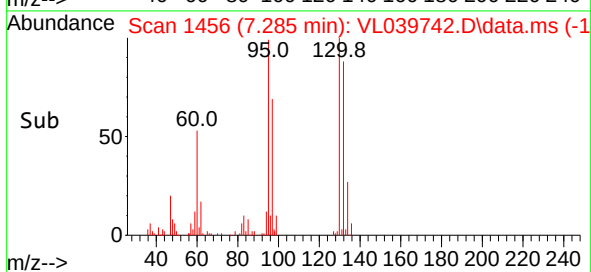
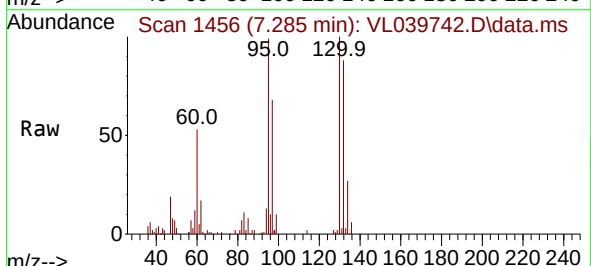
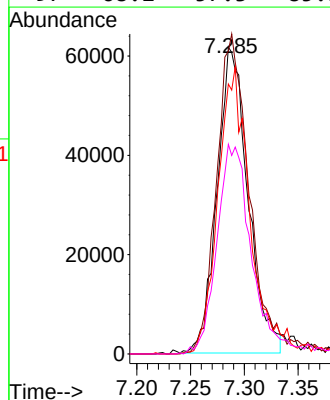
Ion Ratio Lower Upper

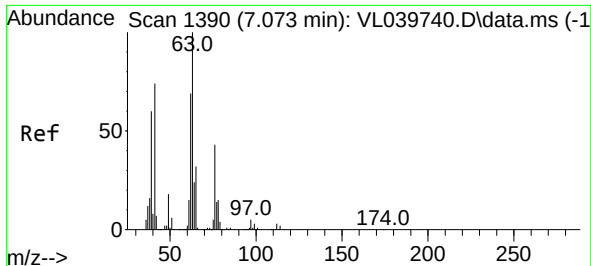
130 100

95 99.0 85.4 128.2

132 88.0 73.0 109.6

97 68.2 57.3 85.9





#39

1,2-Dichloropropane

Concen: 0.957 ppbv m

RT: 7.070 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

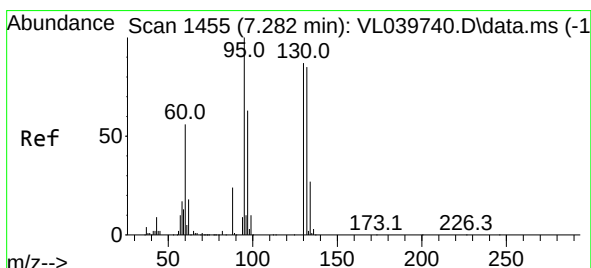
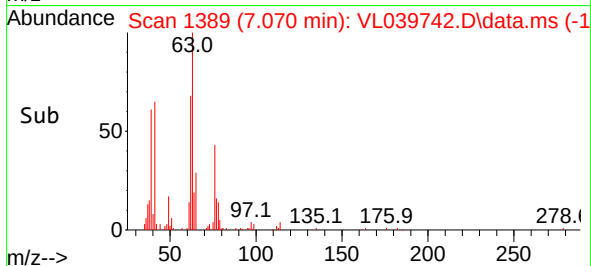
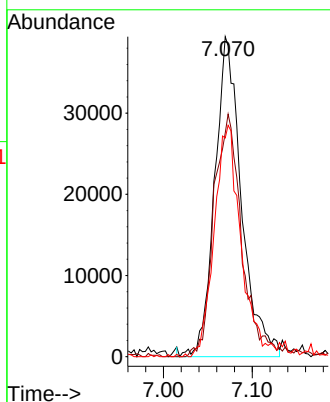
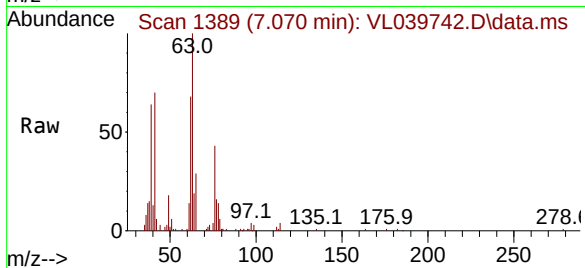
VSTDICC001

Tgt Ion:	63	Resp:	82494
Ion	Ratio	Lower	Upper
63	100		
41	69.9	59.5	89.3
62	68.4	55.2	82.8

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 0.944 ppbv m

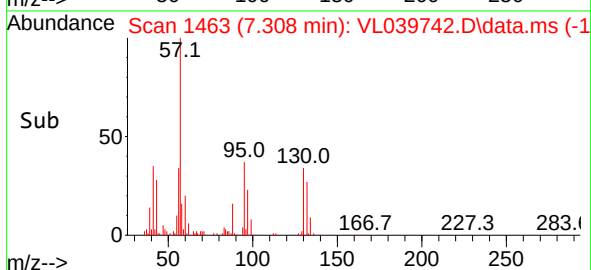
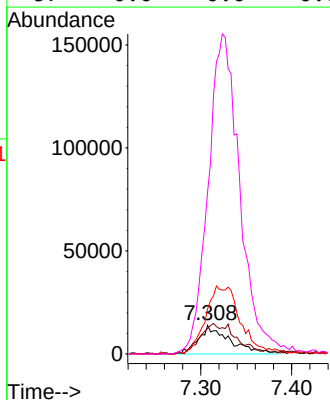
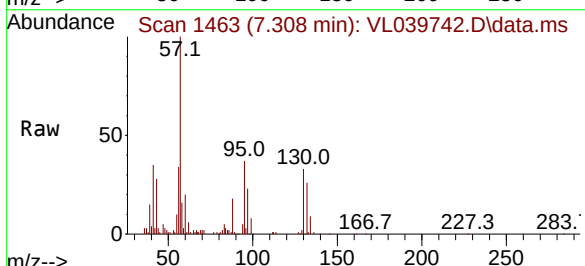
RT: 7.308 min Scan# 1463

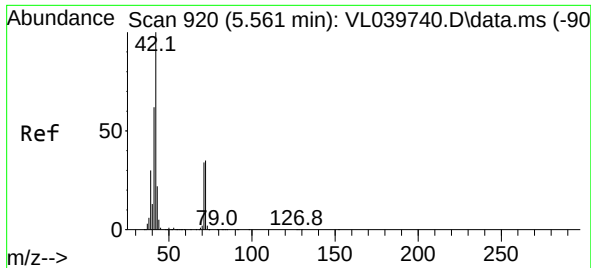
Delta R.T. 0.026 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Tgt Ion:	88	Resp:	33216
Ion	Ratio	Lower	Upper
88	100		
58	0.0	101.6	152.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





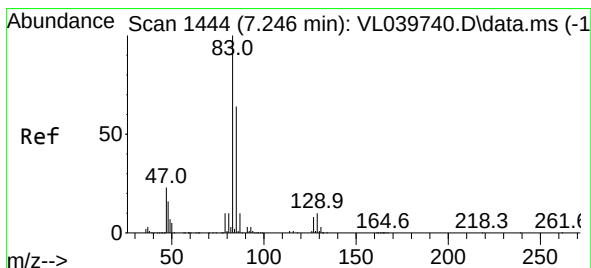
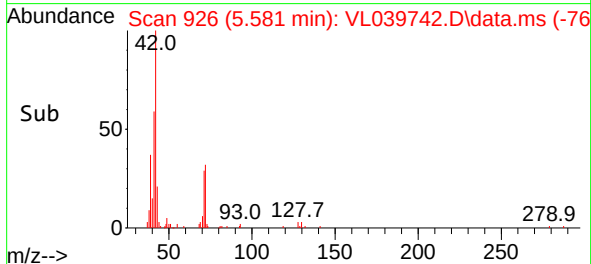
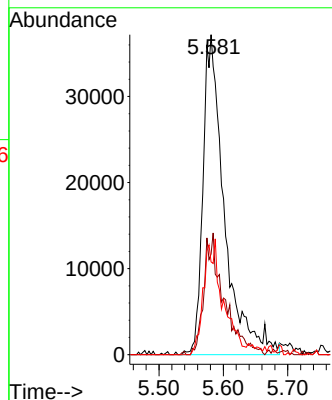
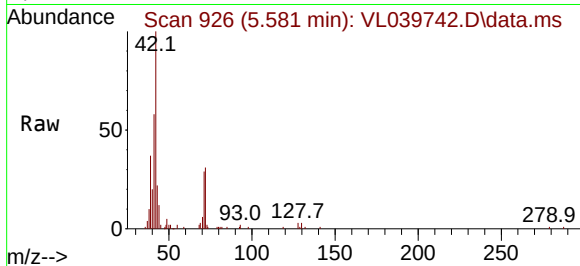
#41
Tetrahydrofuran
Concen: 0.976 ppbv m
RT: 5.581 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 8584
Ion Ratio Lower Upper
42 100
72 36.4 30.0 45.0
71 34.7 29.3 43.9

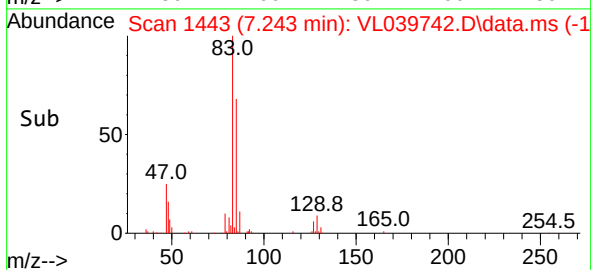
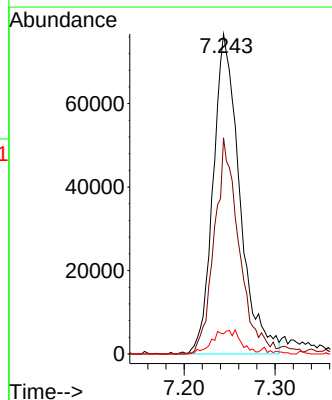
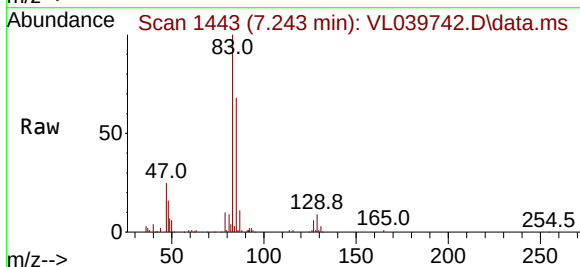
Manual Integrations
APPROVED

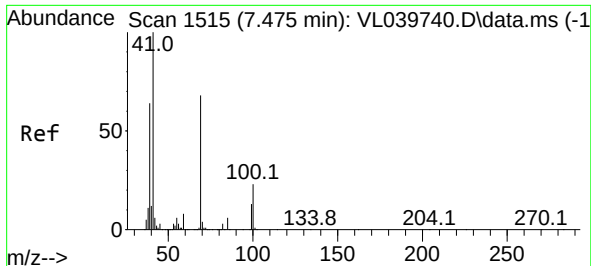
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#42
Bromodichloromethane
Concen: 0.920 ppbv m
RT: 7.243 min Scan# 1443
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

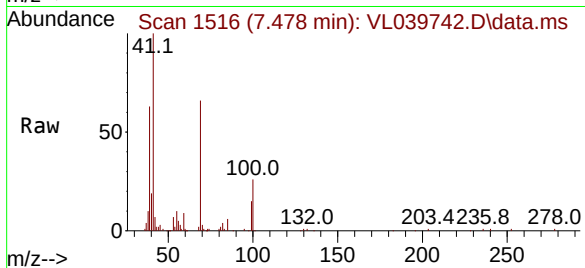
Tgt Ion: 83 Resp: 155453
Ion Ratio Lower Upper
83 100
85 67.6 51.0 76.6
127 6.3 6.5 9.7#





#43
Methyl Methacrylate
Concen: 0.875 ppbv m
RT: 7.478 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

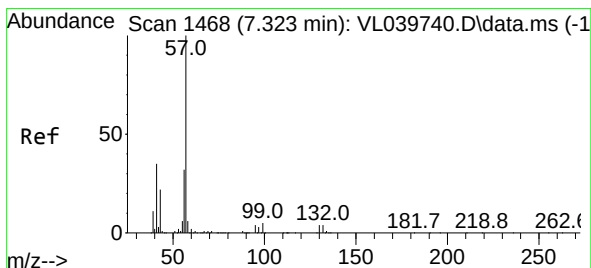
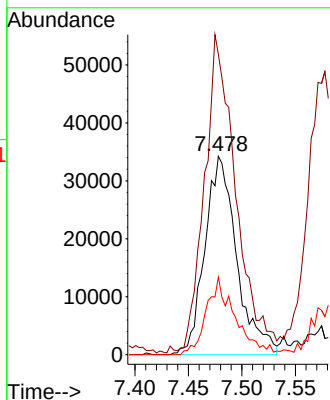
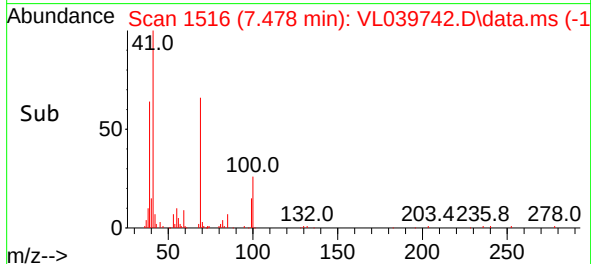
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



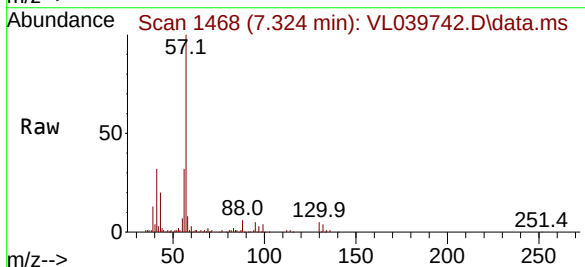
Tgt Ion: 69 Resp: 7116
Ion Ratio Lower Upper
69 100
41 162.5 124.6 186.8
100 35.0 27.5 41.3

Manual Integrations
APPROVED

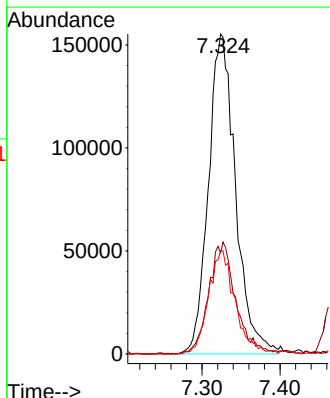
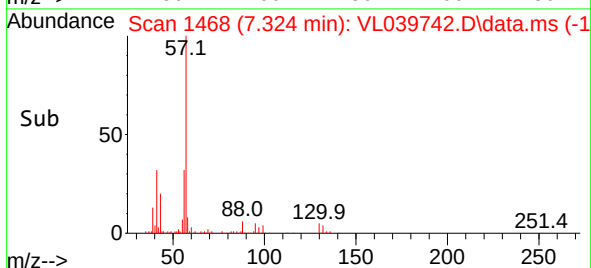
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

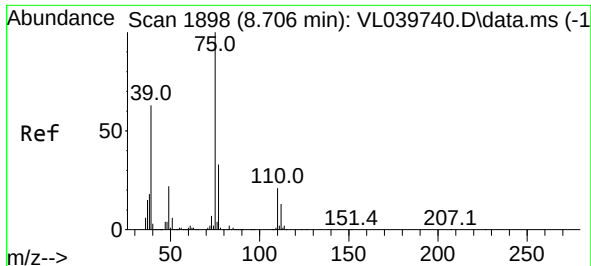


#44
2,2,4-Trimethylpentane
Concen: 0.977 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



Tgt Ion: 57 Resp: 375619
Ion Ratio Lower Upper
57 100
41 35.4 27.1 40.7
56 32.2 25.2 37.8





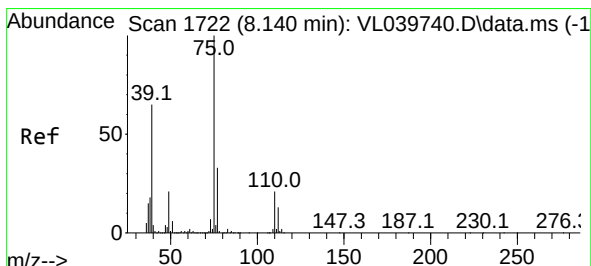
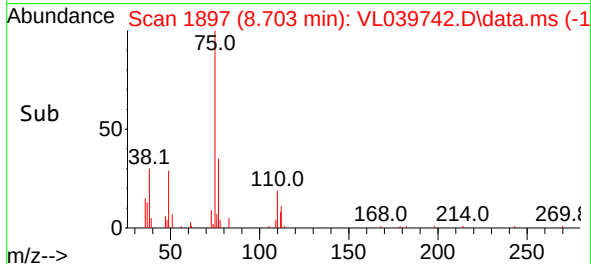
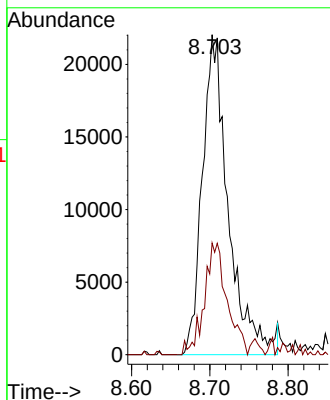
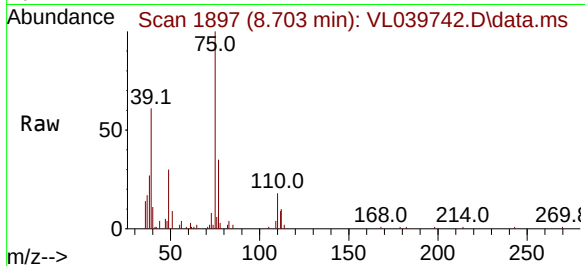
#45
t-1,3-Dichloropropene
Concen: 0.739 ppbv m
RT: 8.703 min Scan# 1898
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 50829
Ion Ratio Lower Upper
75 100
77 34.9 26.6 39.8

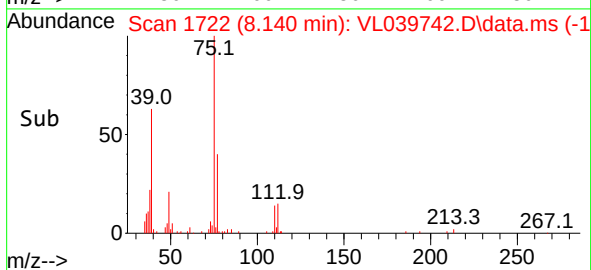
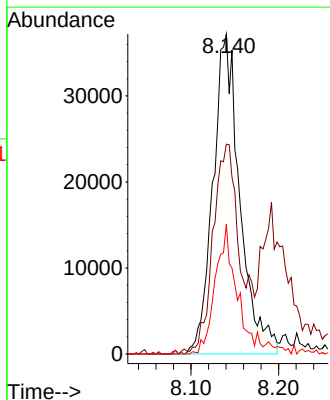
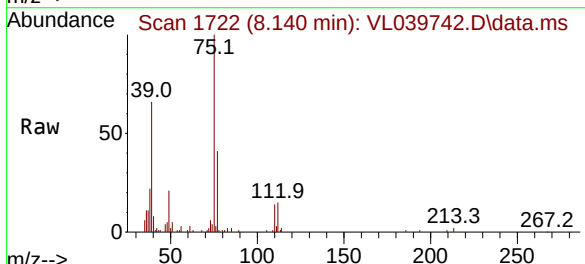
Manual Integrations
APPROVED

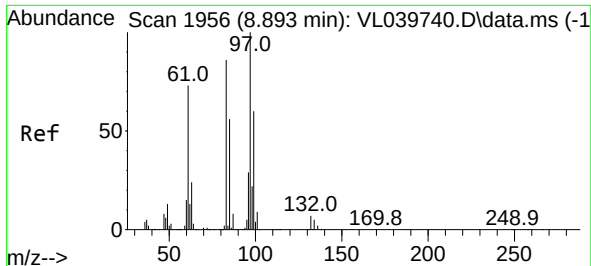
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#46
cis-1,3-Dichloropropene
Concen: 0.811 ppbv m
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 75 Resp: 79317
Ion Ratio Lower Upper
75 100
39 65.5 52.2 78.4
77 40.6 26.6 40.0#





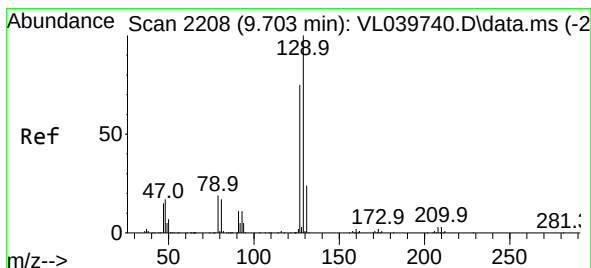
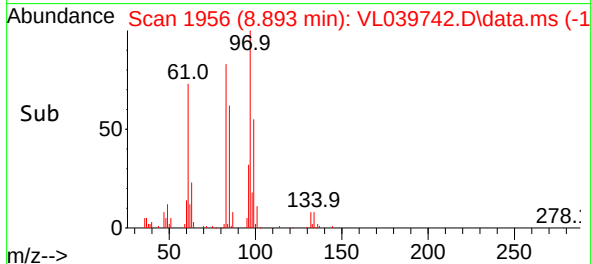
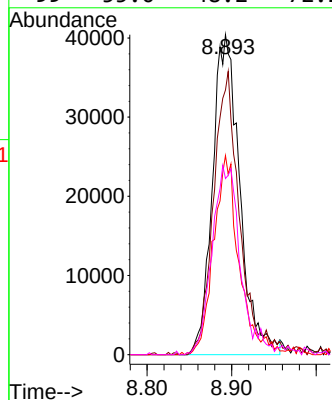
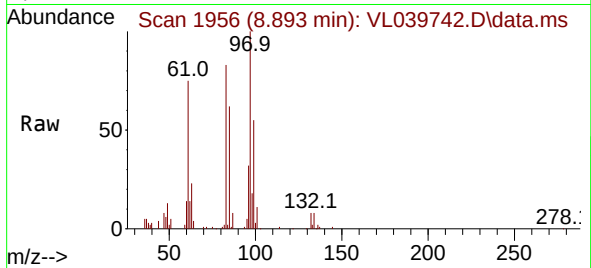
#47
1,1,2-Trichloroethane
Concen: 0.962 ppbv m
RT: 8.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 9064
Ion Ratio Lower Upper
97 100
83 82.7 68.8 103.2
85 62.2 44.8 67.2
99 55.0 48.2 72.2

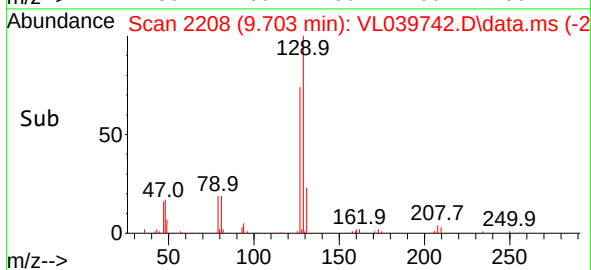
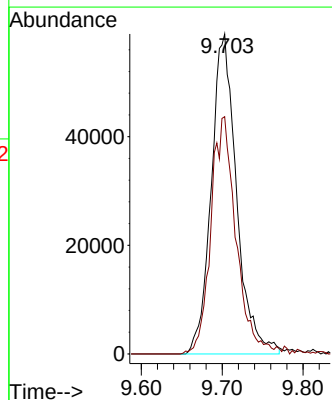
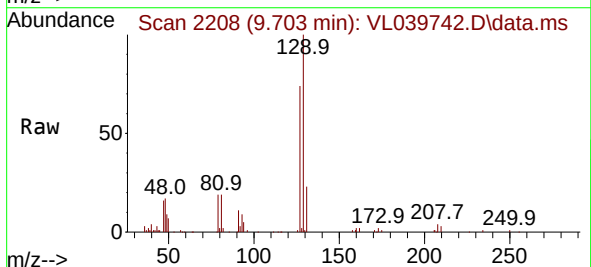
Manual Integrations
APPROVED

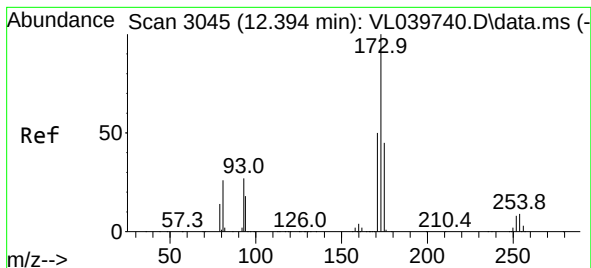
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#48
Dibromochloromethane
Concen: 0.903 ppbv m
RT: 9.703 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion:129 Resp: 128005
Ion Ratio Lower Upper
129 100
127 75.0 38.9 116.6





#49

Bromoform

Concen: 0.836 ppbv m

RT: 12.394 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

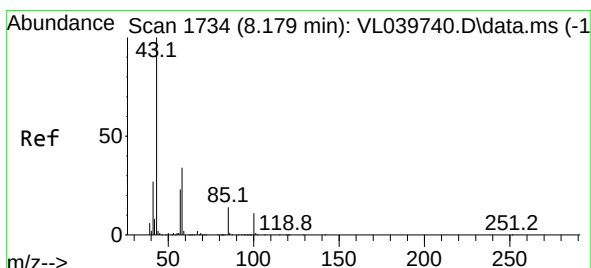
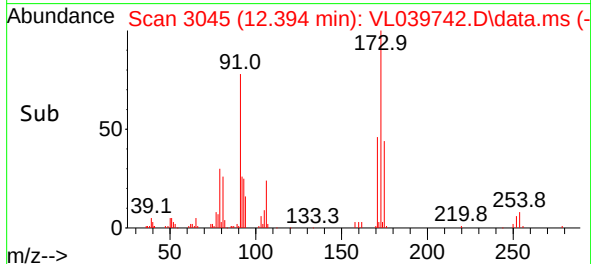
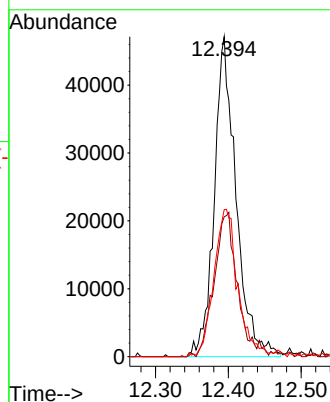
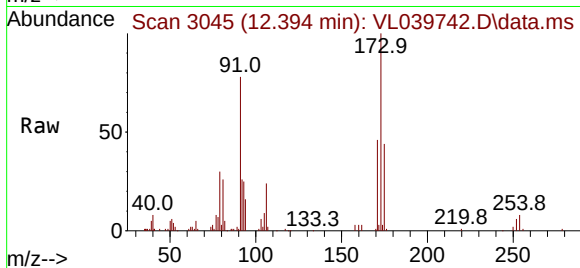
VSTDIC001

Tgt Ion:	173	Resp:	9802
Ion Ratio	Lower	Upper	
173	100		
175	49.0	39.4	59.0
171	51.4	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: 0.940 ppbv m

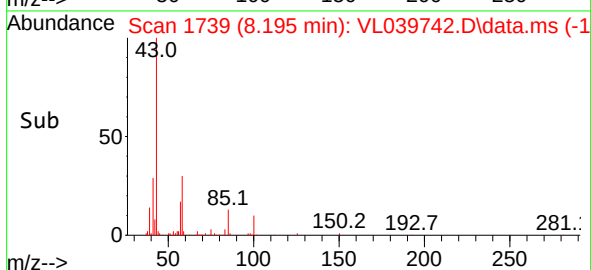
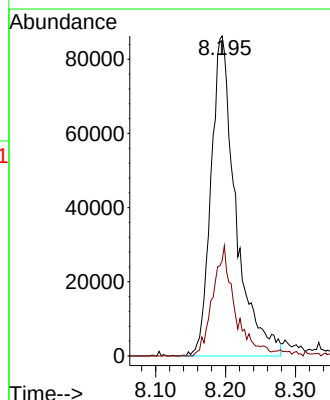
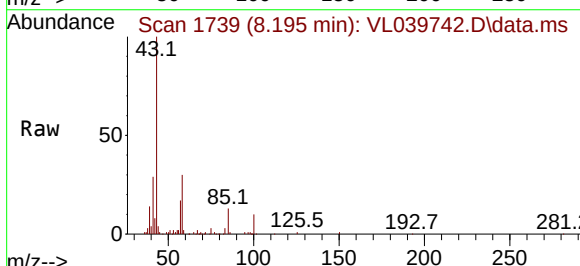
RT: 8.195 min Scan# 1739

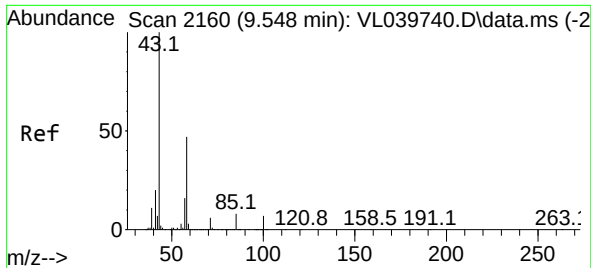
Delta R.T. 0.016 min

Lab File: VL039742.D

Acq: 21 Oct 2022 11:21

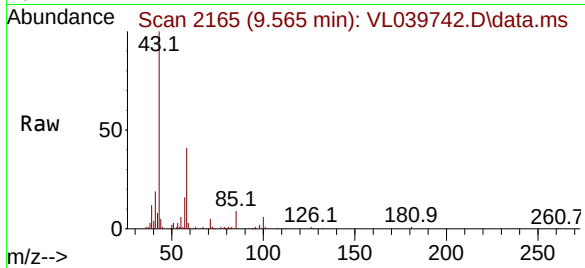
Tgt Ion:	43	Resp:	211836
Ion Ratio	Lower	Upper	
43	100		
58	32.1	28.0	42.0





#51
2-Hexanone
Concen: 0.850 ppbv m
RT: 9.565 min Scan# 2160
Delta R.T. 0.016 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

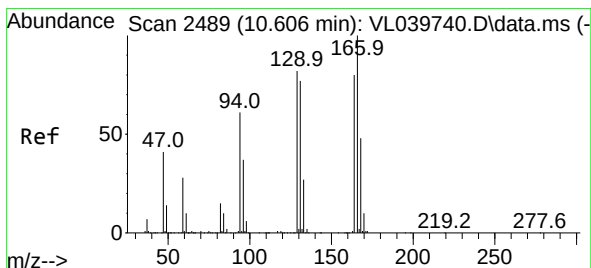
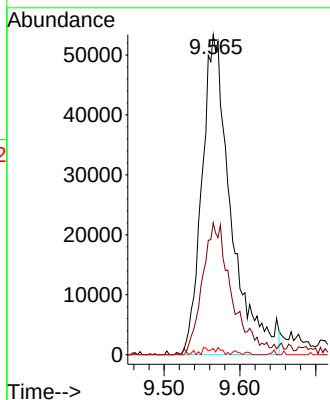
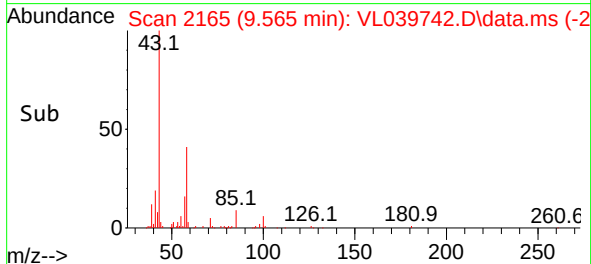
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 14169
Ion Ratio Lower Upper
43 100
58 43.6 37.6 56.4
98 1.8 0.6 0.8

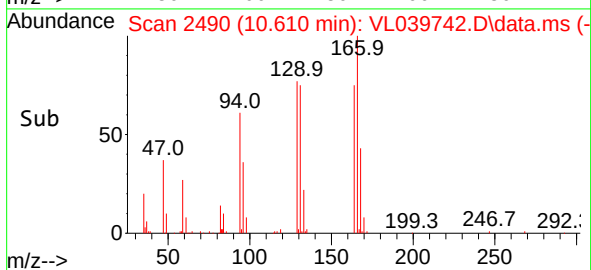
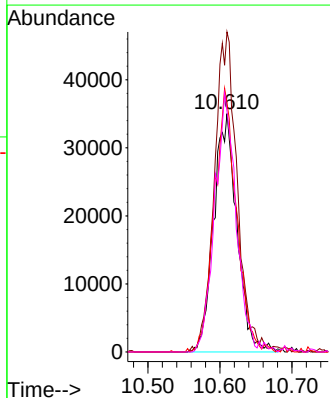
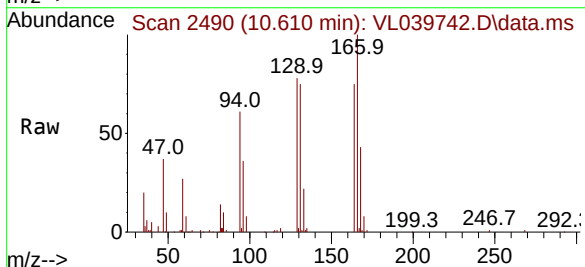
Manual Integrations
APPROVED

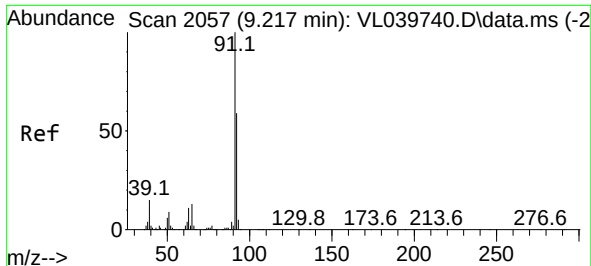
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#52
Tetrachloroethene
Concen: 0.921 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

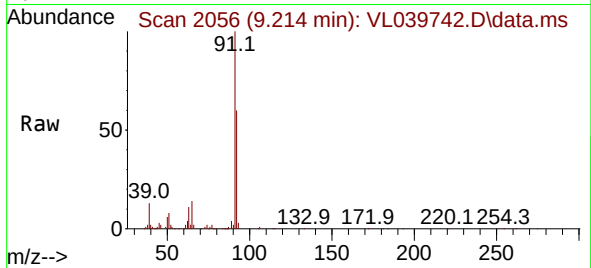
Tgt Ion:164 Resp: 78407
Ion Ratio Lower Upper
164 100
166 134.2 100.0 150.0
129 104.5 82.1 123.1
131 100.9 77.4 116.0





#53
Toluene
Concen: 0.898 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

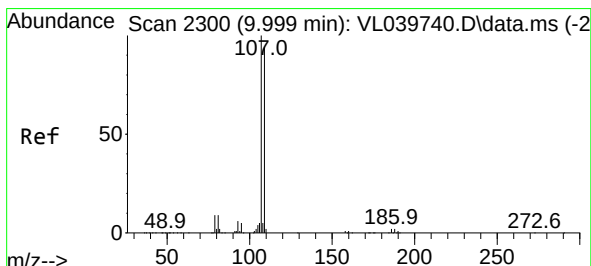
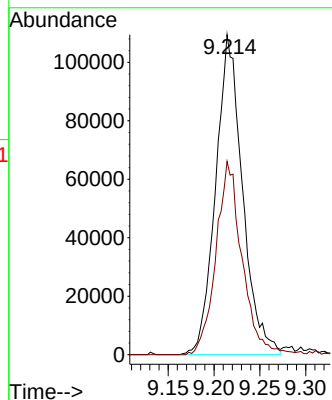
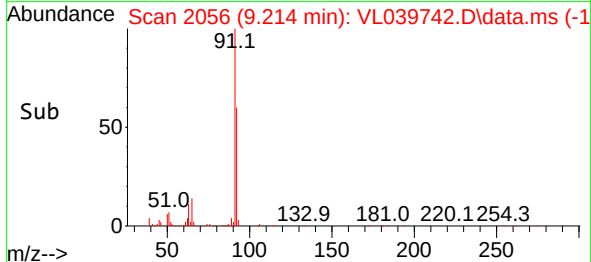
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



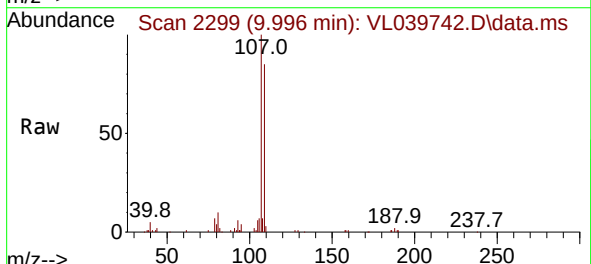
Tgt Ion: 91 Resp: 222799
Ion Ratio Lower Upper
91 100
92 58.9 47.7 71.5

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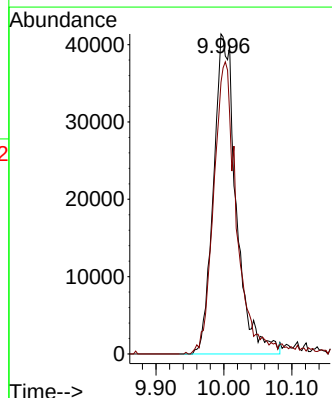
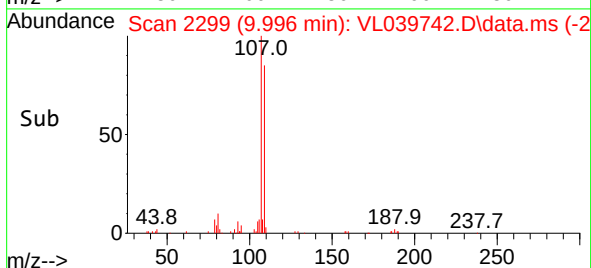
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

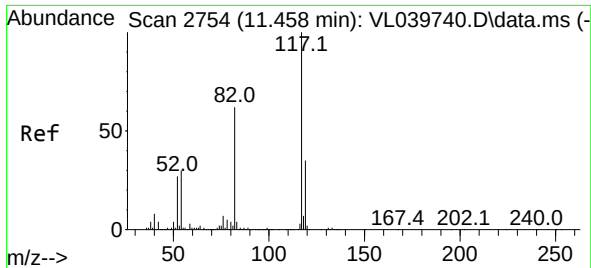


#54
1,2-Dibromoethane
Concen: 0.951 ppbv m
RT: 9.996 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



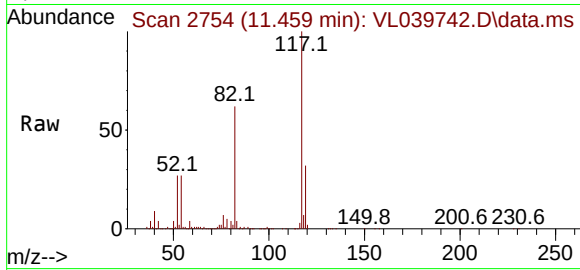
Tgt Ion:107 Resp: 95868
Ion Ratio Lower Upper
107 100
109 84.9 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.459 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

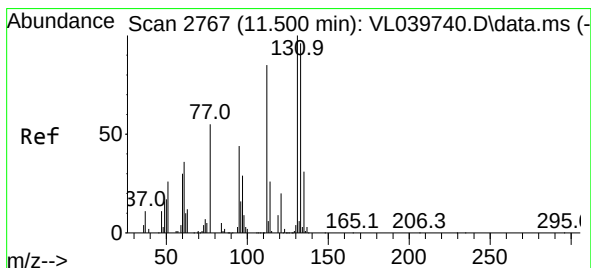
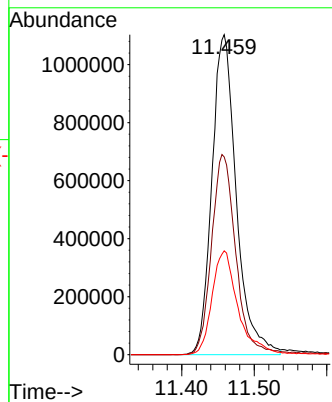
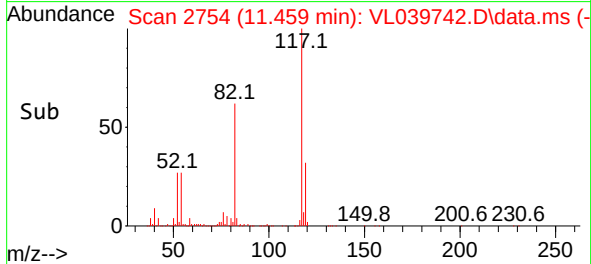
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



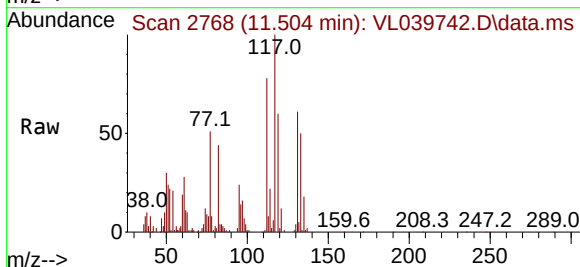
Tgt Ion:117 Resp: 258232
Ion Ratio Lower Upper
117 100
82 62.7 51.4 77.0
119 34.9 24.6 36.8

Manual Integrations
APPROVED

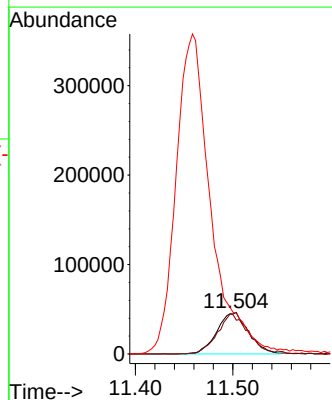
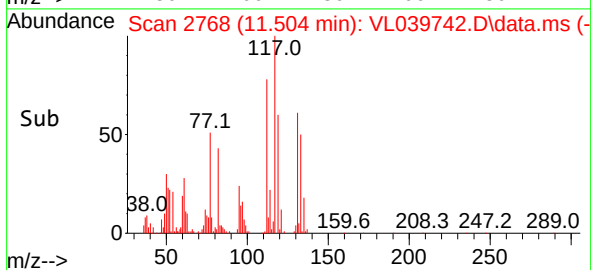
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

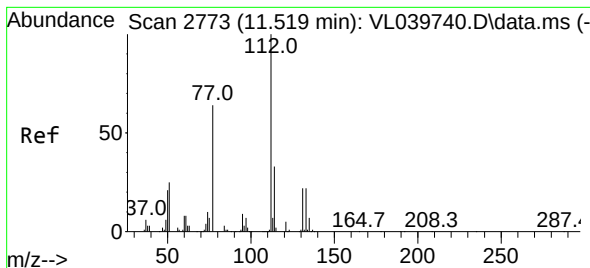


#56
1,1,1,2-Tetrachloroethane
Concen: 0.999 ppbv
RT: 11.504 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



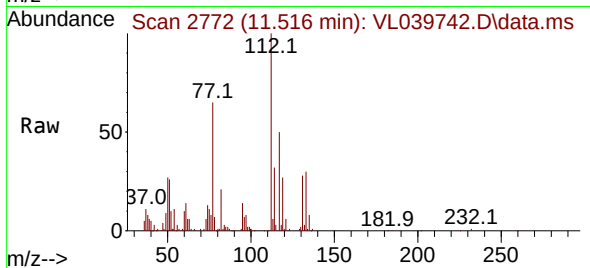
Tgt Ion:131 Resp: 104250
Ion Ratio Lower Upper
131 100
133 95.6 77.2 115.8
119 864.8 55.5 83.3#





#57
Chlorobenzene
Concen: 1.033 ppbv
RT: 11.516 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

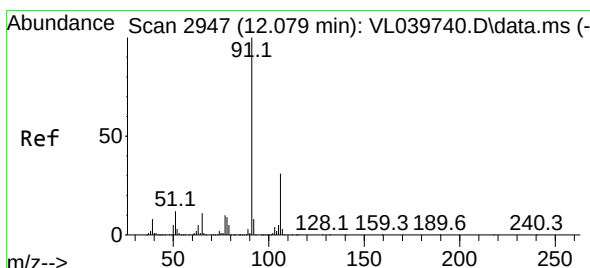
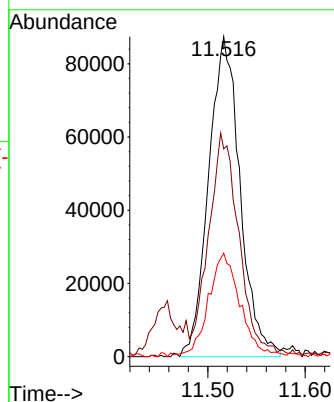
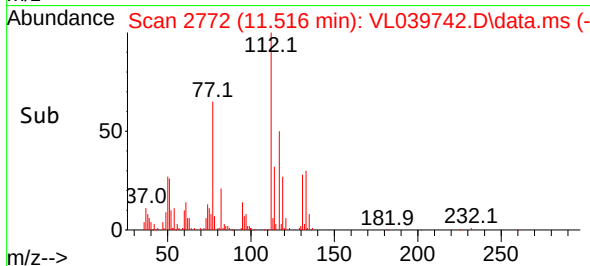
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:112 Resp: 19617
Ion Ratio Lower Upper
112 100
77 62.9 51.4 77.2
114 31.6 30.0 36.6

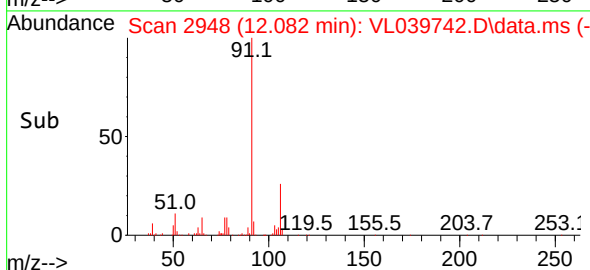
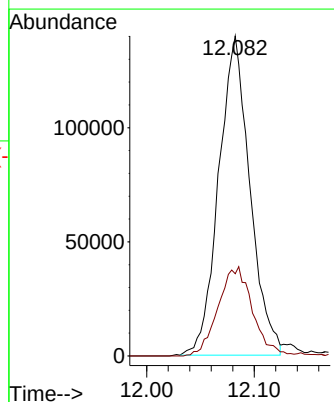
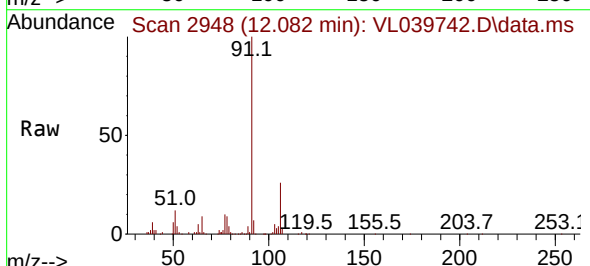
Manual Integrations
APPROVED

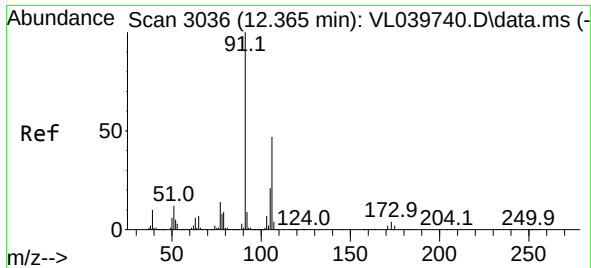
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#58
Ethyl Benzene
Concen: 0.949 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Tgt Ion: 91 Resp: 282426
Ion Ratio Lower Upper
91 100
106 25.8 24.6 36.8





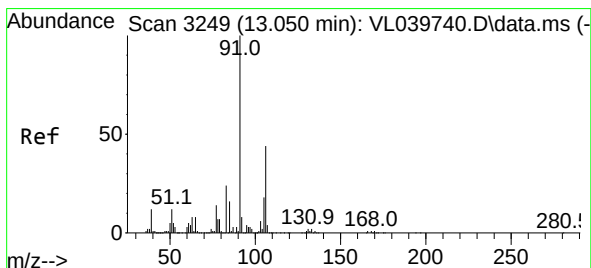
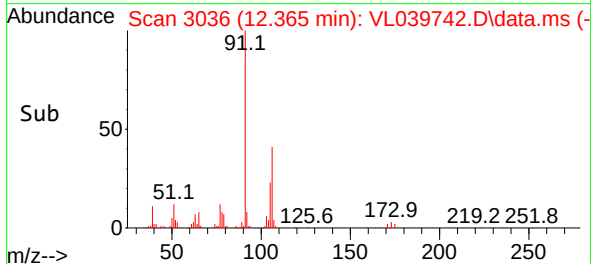
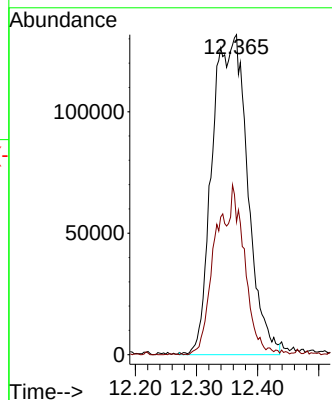
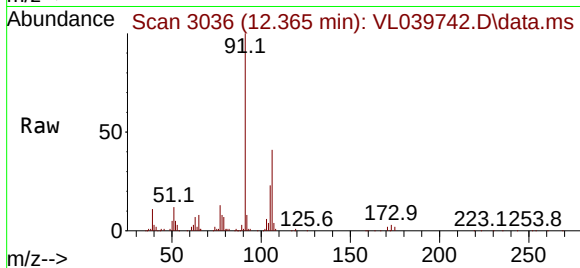
#59
m/p-Xylene
Concen: 1.987 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 52652
Ion Ratio Lower Upper
91 100
106 43.8 36.2 54.4

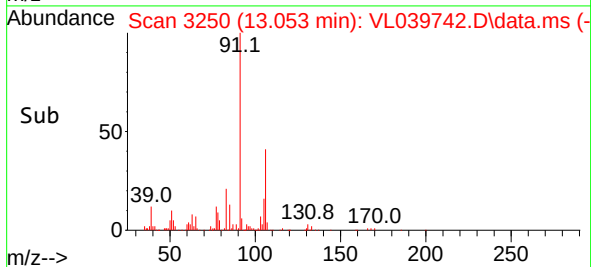
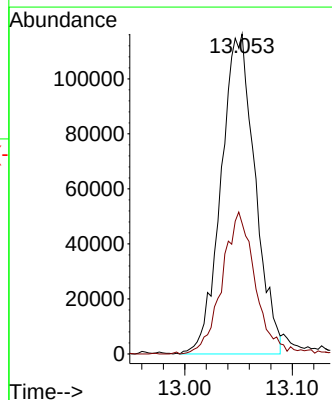
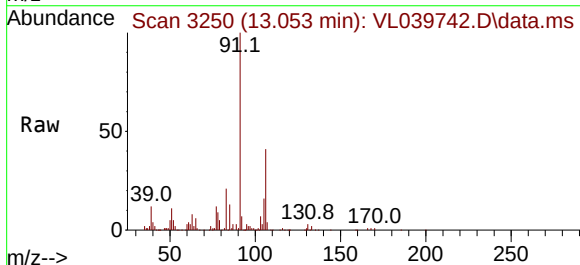
Manual Integrations
APPROVED

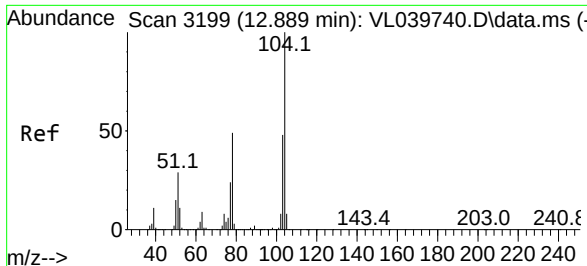
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#60
o-Xylene
Concen: 1.009 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

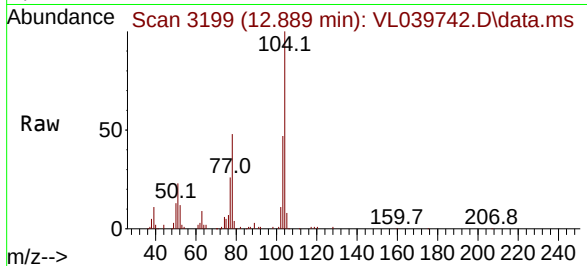
Tgt Ion: 91 Resp: 255299
Ion Ratio Lower Upper
91 100
106 44.3 22.4 67.0





#61
Styrene
Concen: 0.822 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

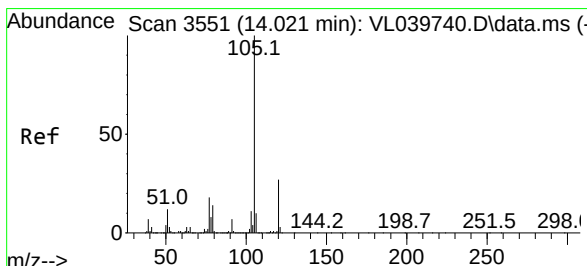
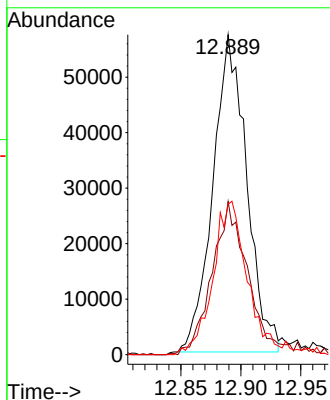
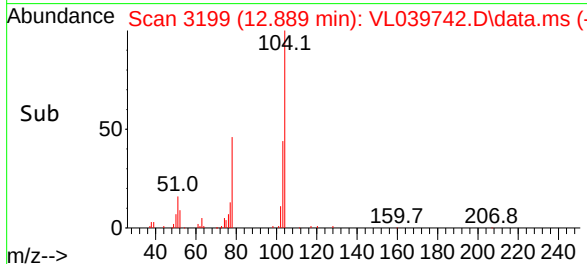
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



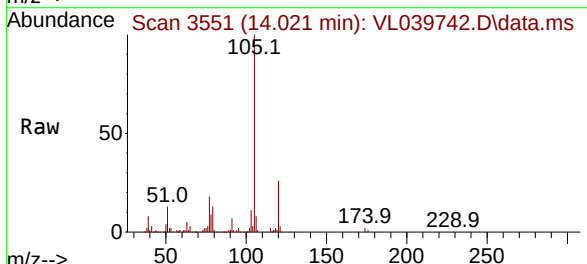
Tgt Ion:104 Resp: 11200
Ion Ratio Lower Upper
104 100
78 52.2 39.6 59.4
103 50.9 38.1 57.1

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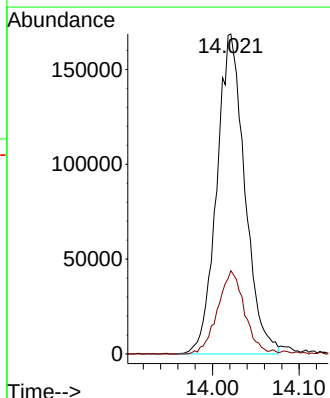
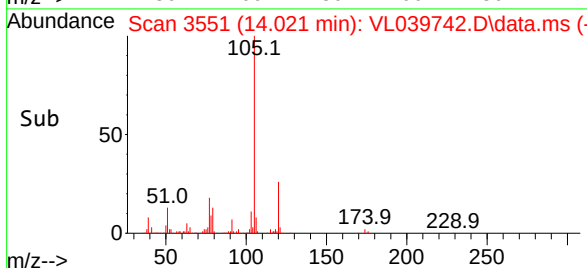
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

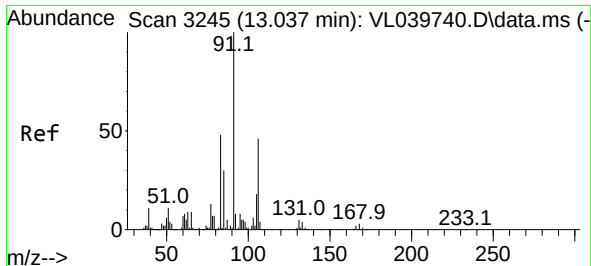


#62
Isopropylbenzene
Concen: 1.001 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



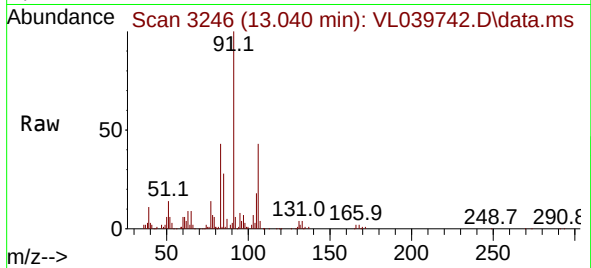
Tgt Ion:105 Resp: 381040
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 1.030 ppbv m
RT: 13.040 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

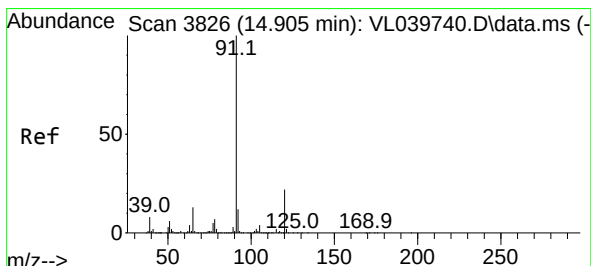
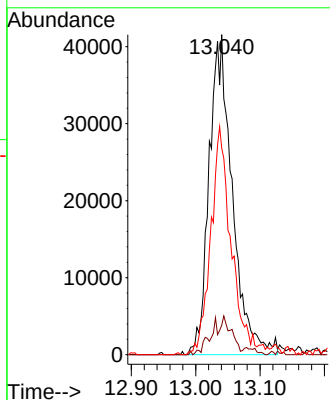
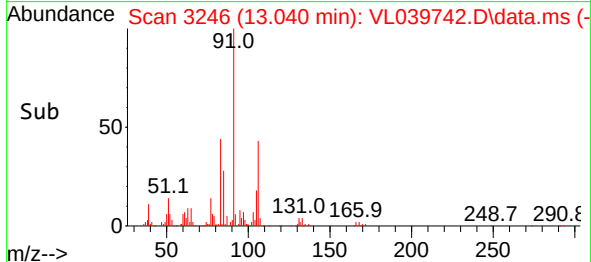
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



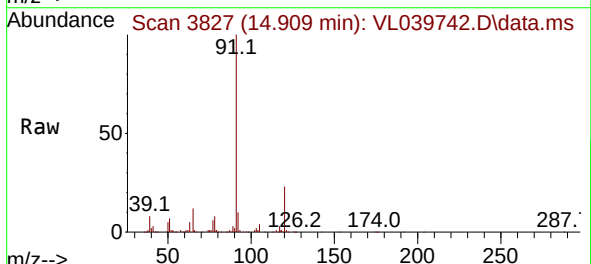
Tgt Ion: 83 Resp: 103960
Ion Ratio Lower Upper
83 100
131 11.6 4.9 14.7
85 65.1 32.8 98.4

Manual Integrations
APPROVED

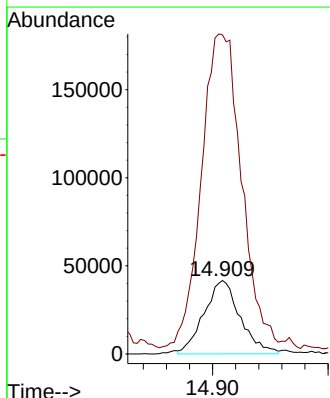
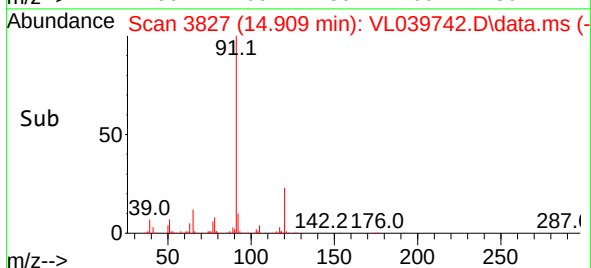
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

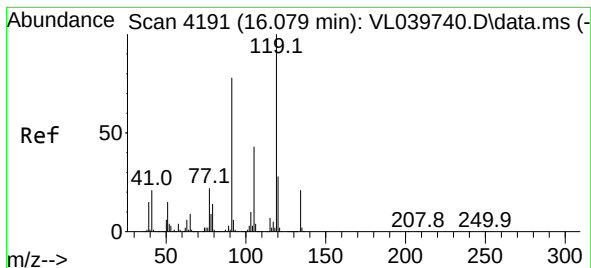


#64
n-propylbenzene
Concen: 0.927 ppbv
RT: 14.909 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



Tgt Ion:120 Resp: 90414
Ion Ratio Lower Upper
120 100
91 510.8 376.2 564.2





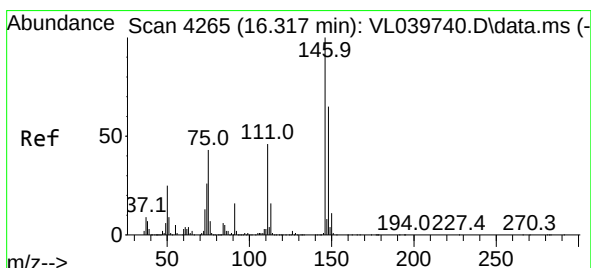
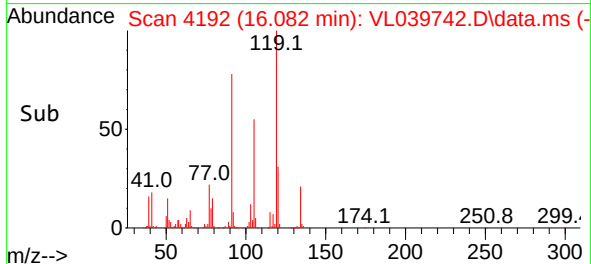
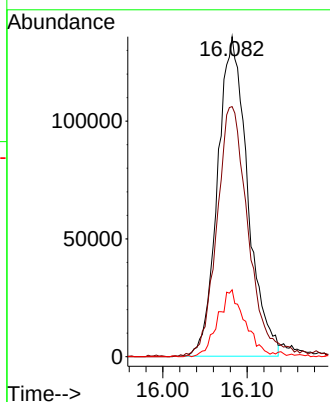
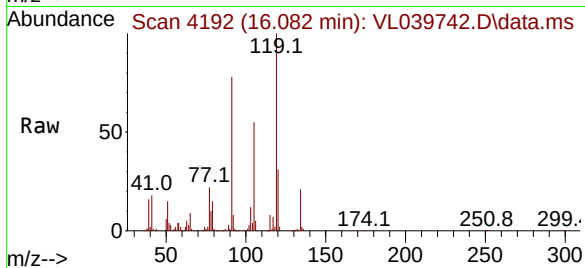
#65
tert-Butylbenzene
Concen: 0.997 ppbv
RT: 16.082 min Scan# 4191
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 119 Resp: 33524
Ion Ratio Lower Upper
119 100
91 83.9 64.2 96.2
134 20.0 15.5 23.3

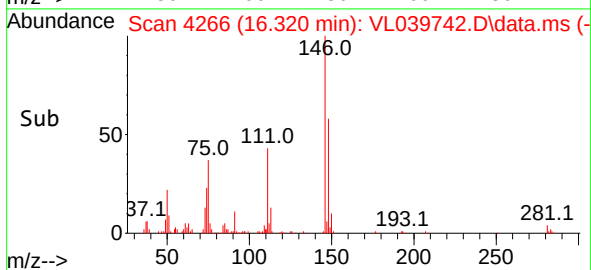
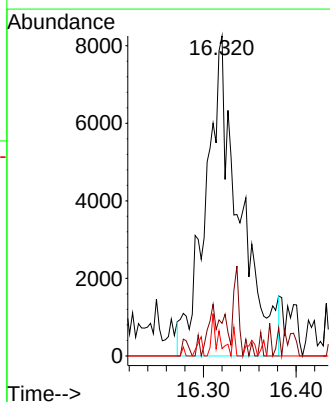
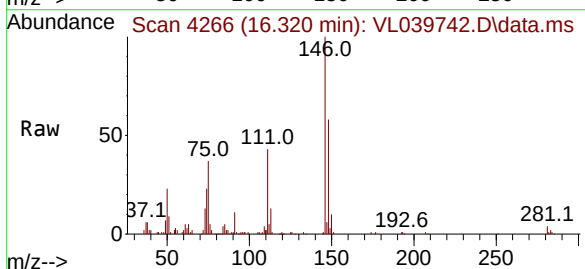
Manual Integrations
APPROVED

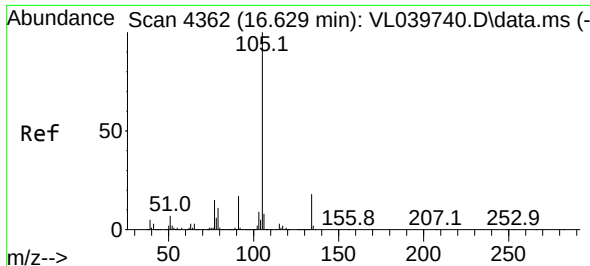
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#66
Benzyl Chloride
Concen: 0.765 ppbv m
RT: 16.320 min Scan# 4266
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

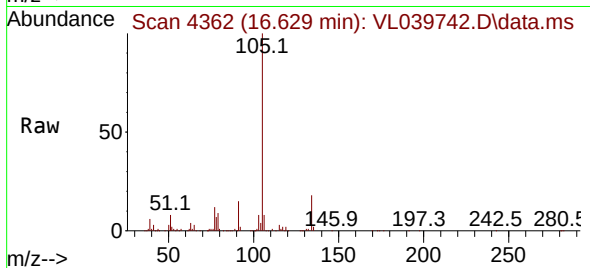
Tgt Ion: 91 Resp: 20486
Ion Ratio Lower Upper
91 100
126 0.0 12.6 18.8#
128 4.6 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 0.980 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21

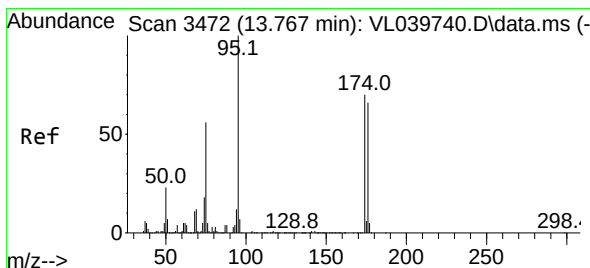
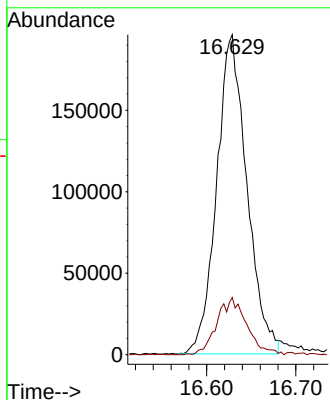
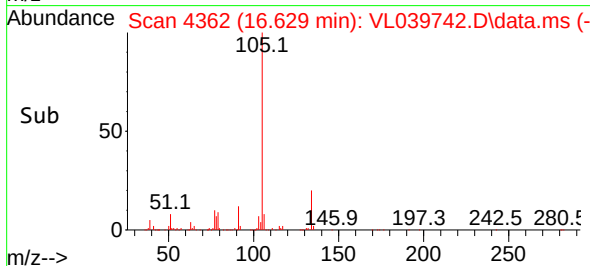
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



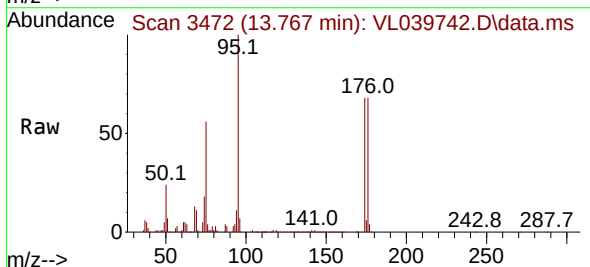
Tgt Ion:105 Resp: 462529
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4

Manual Integrations
 APPROVED

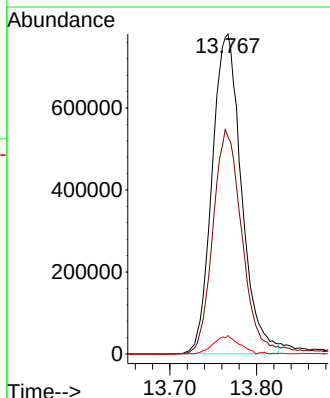
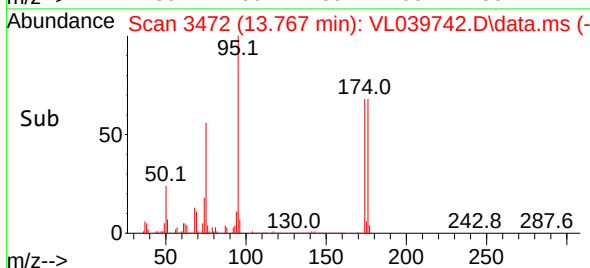
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

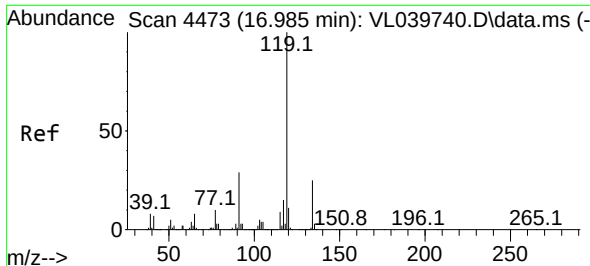


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.531 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL039742.D
 Acq: 21 Oct 2022 11:21



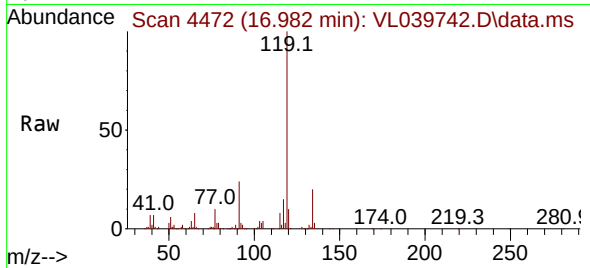
Tgt Ion: 95 Resp: 1837221
 Ion Ratio Lower Upper
 95 100
 174 71.9 56.5 84.7
 175 5.2 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.953 ppbv
RT: 16.982 min Scan# 4472
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

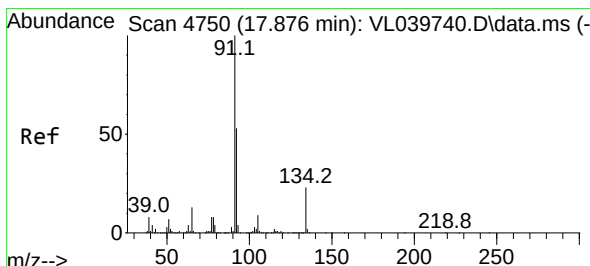
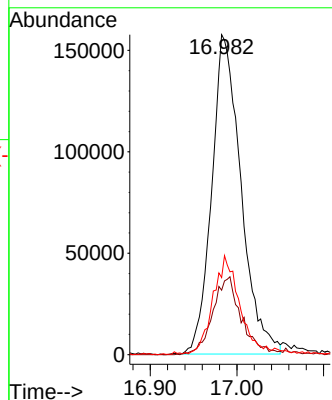
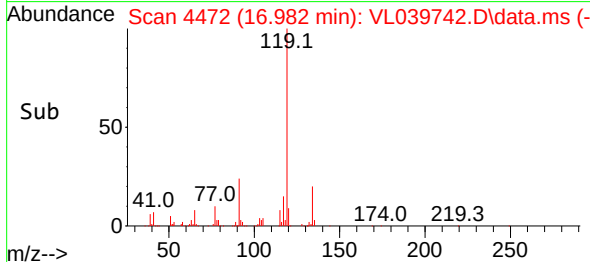
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



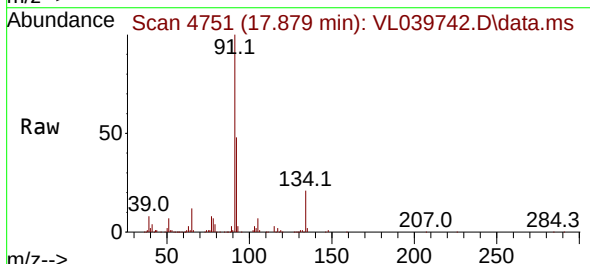
Tgt Ion: 119 Resp: 369632
Ion Ratio Lower Upper
119 100
134 23.8 19.8 29.8
91 29.8 22.7 34.1

Manual Integrations
APPROVED

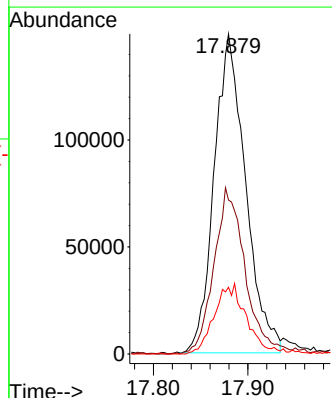
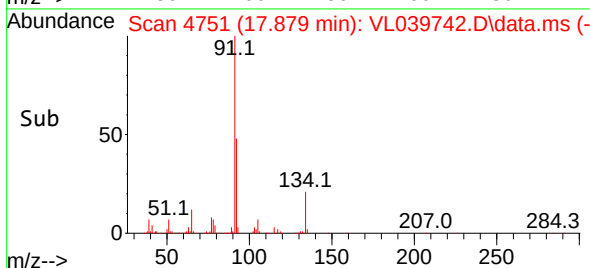
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

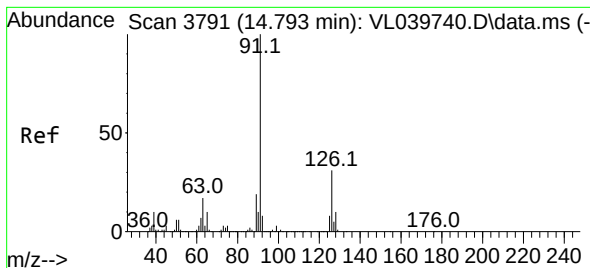


#70
n-Butylbenzene
Concen: 0.905 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



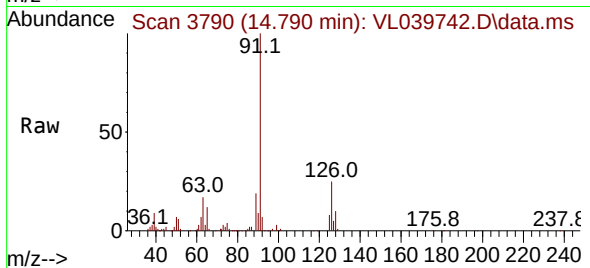
Tgt Ion: 91 Resp: 344097
Ion Ratio Lower Upper
91 100
92 52.6 43.3 64.9
134 22.8 18.4 27.6





#71
2-Chlorotoluene
Concen: 0.960 ppbv
RT: 14.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

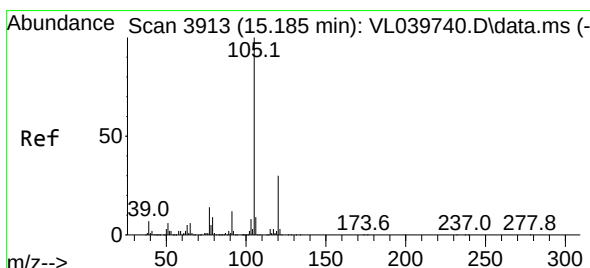
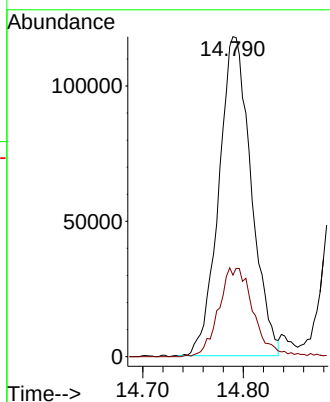
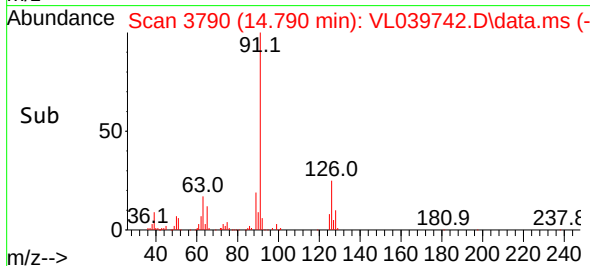
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



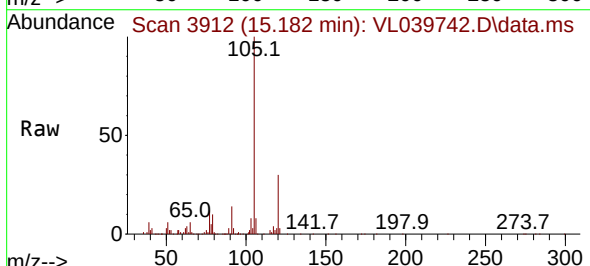
Tgt Ion: 91 Resp: 263830
Ion Ratio Lower Upper
91 100
126 30.1 12.7 50.7

Manual Integrations
APPROVED

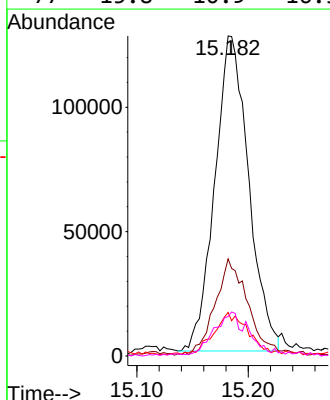
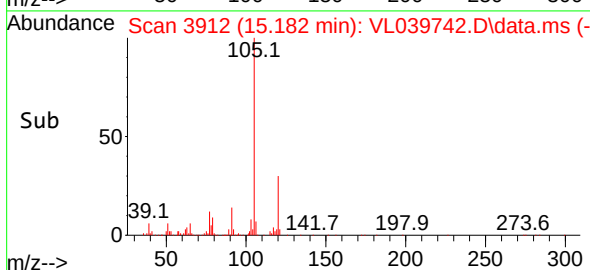
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

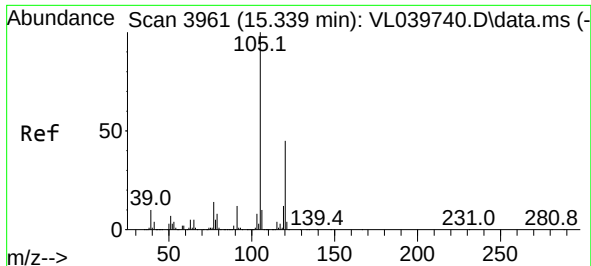


#72
4-Ethyltoluene
Concen: 0.927 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



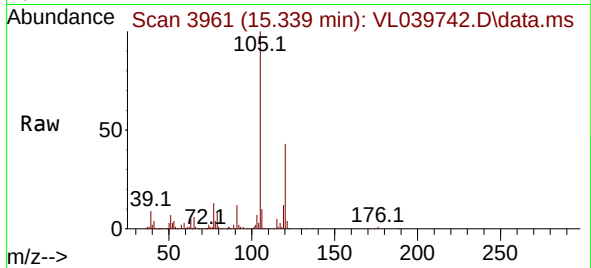
Tgt Ion:105 Resp: 267924
Ion Ratio Lower Upper
105 100
120 31.3 23.9 35.9
91 14.9 10.3 15.5
77 15.8 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 1.000 ppbv m
RT: 15.339 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

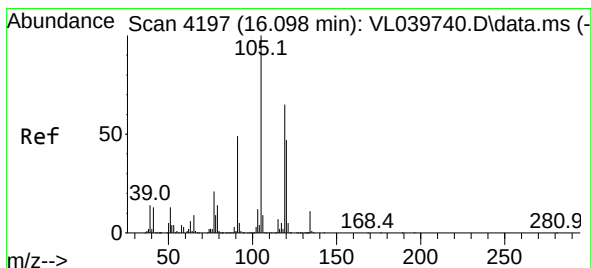
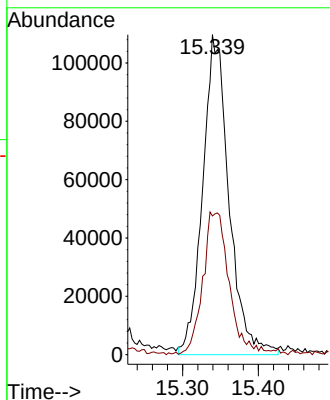
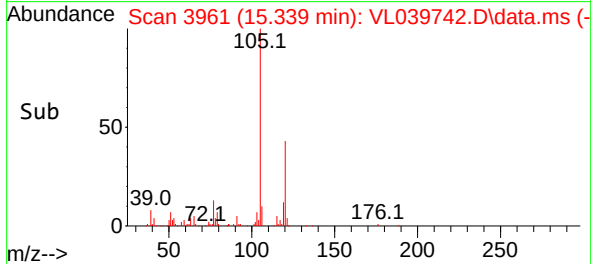
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



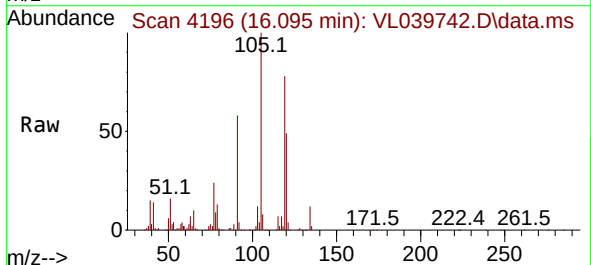
Tgt Ion:105 Resp: 26445
Ion Ratio Lower Upper
105 100
120 43.3 35.6 53.4

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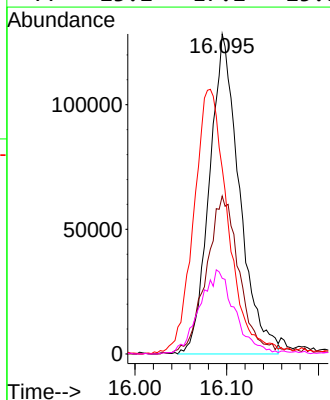
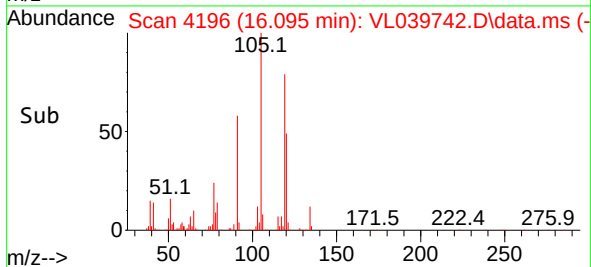
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

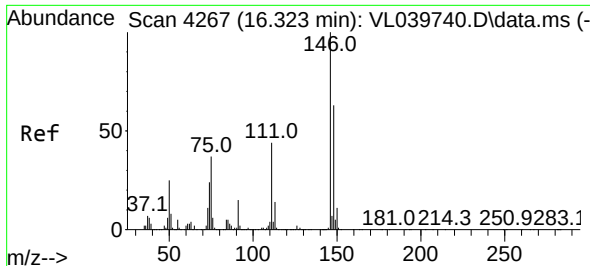


#74
1,2,4-Trimethylbenzene
Concen: 0.982 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



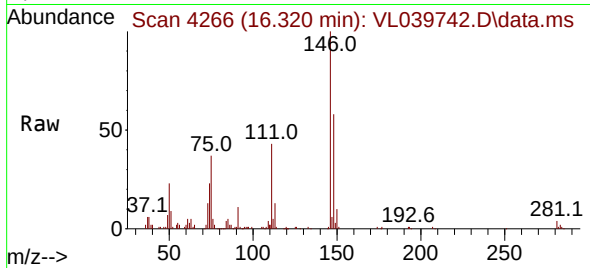
Tgt Ion:105 Resp: 290833
Ion Ratio Lower Upper
105 100
120 48.0 37.6 56.4
91 56.2 40.1 60.1
77 23.2 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 0.971 ppbv m
RT: 16.320 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

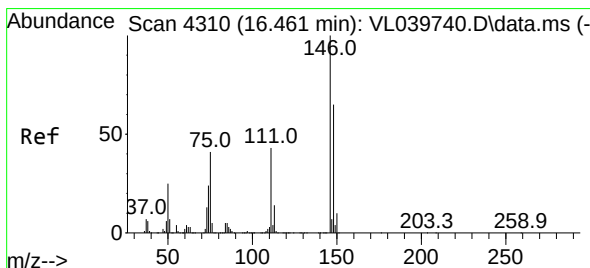
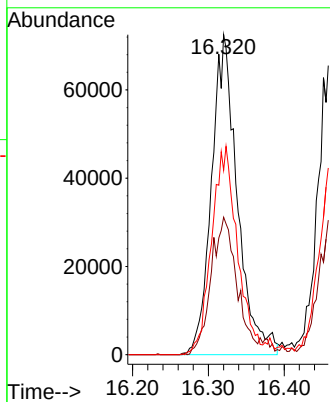
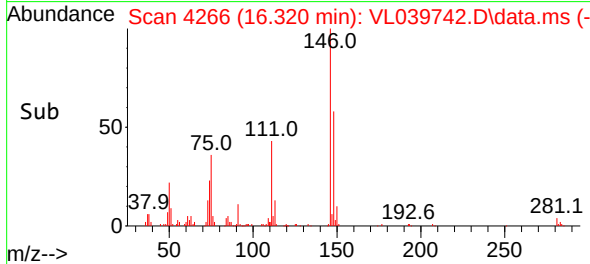
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



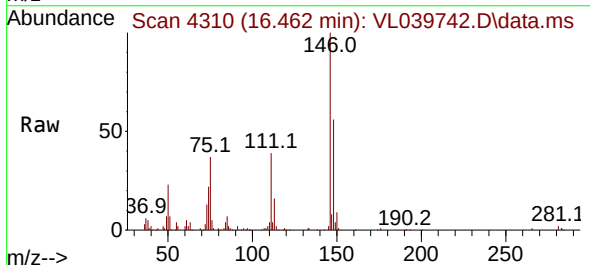
Tgt Ion:146 Resp: 171679
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.3
148 67.9 32.6 97.7

Manual Integrations
APPROVED

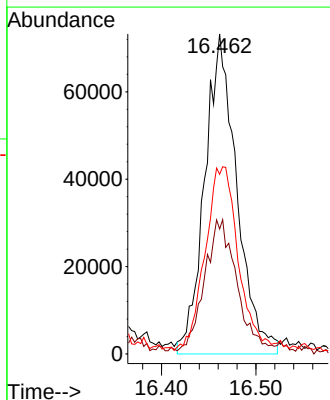
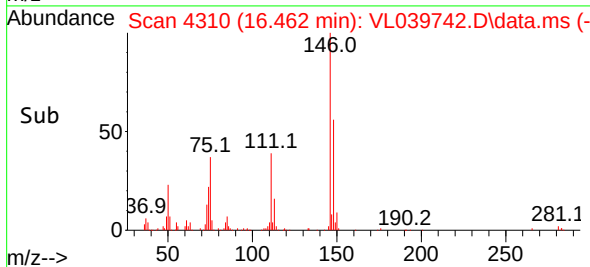
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

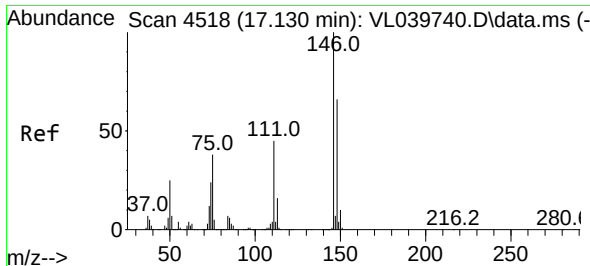


#76
1,4-Dichlorobenzene
Concen: 0.975 ppbv m
RT: 16.462 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



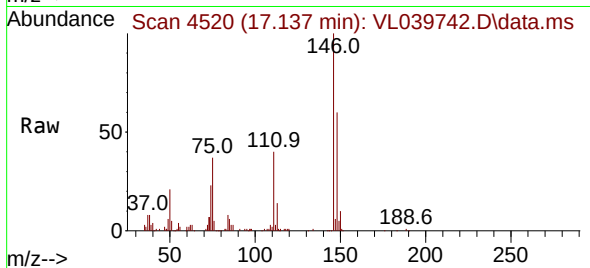
Tgt Ion:146 Resp: 172356
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.5
148 67.4 33.2 99.6





#77
1,2-Dichlorobenzene
Concen: 1.012 ppbv m
RT: 17.137 min Scan# 4518
Delta R.T. 0.007 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

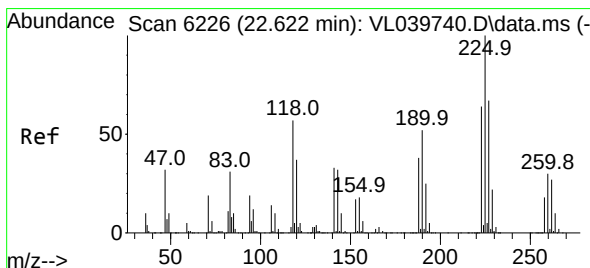
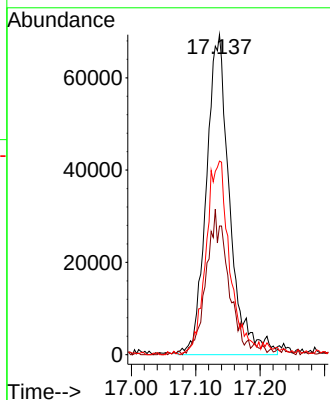
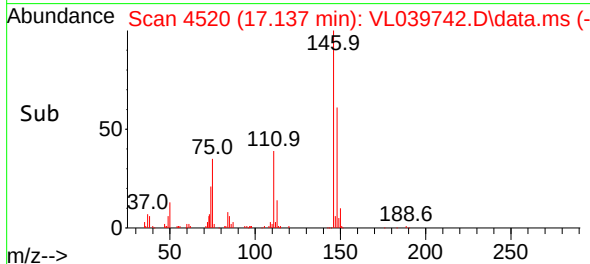
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:146 Resp: 174532
Ion Ratio Lower Upper
146 100
111 45.1 23.6 70.8
148 61.8 32.8 98.3

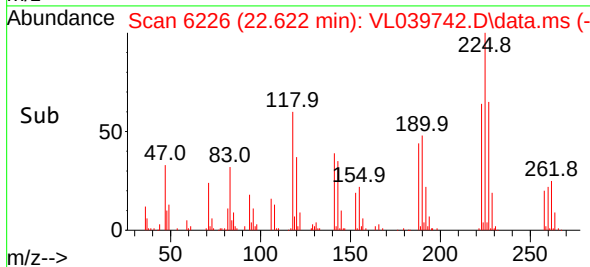
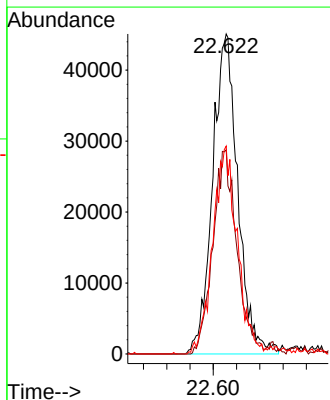
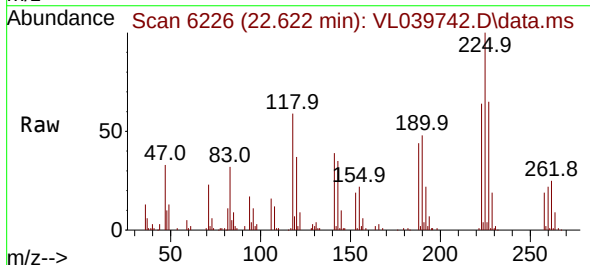
Manual Integrations
APPROVED

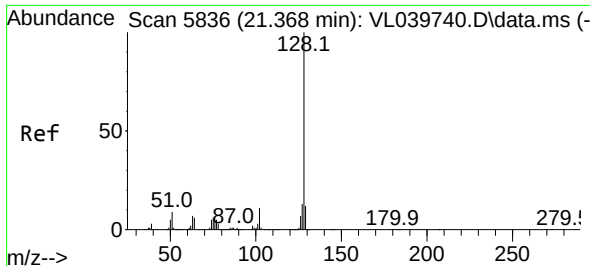
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#78
Hexachloro-1,3-Butadiene
Concen: 1.028 ppbv m
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

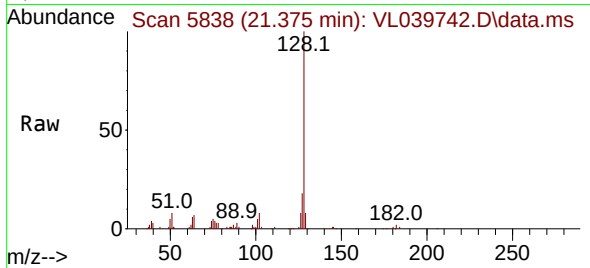
Tgt Ion:225 Resp: 135404
Ion Ratio Lower Upper
225 100
223 62.0 52.4 78.6
227 63.8 52.7 79.1





#79
Naphthalene
Concen: 0.895 ppbv m
RT: 21.375 min Scan# 5838
Delta R.T. 0.007 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21

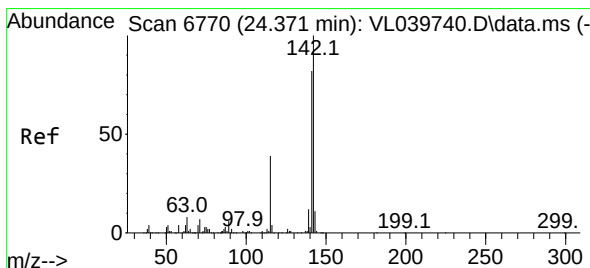
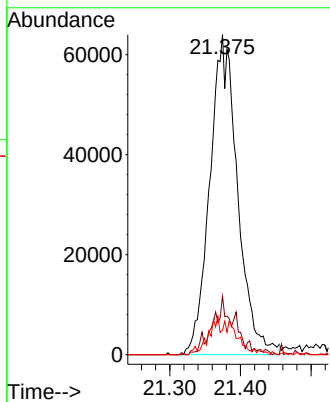
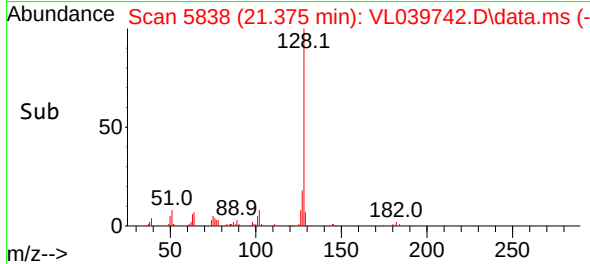
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



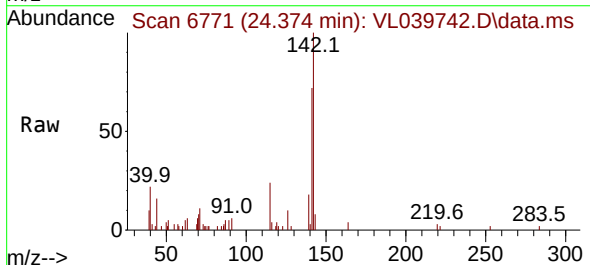
Tgt Ion:128 Resp: 17498
Ion Ratio Lower Upper
128 100
127 18.2 10.8 16.2
129 7.7 9.4 14.0

Manual Integrations
APPROVED

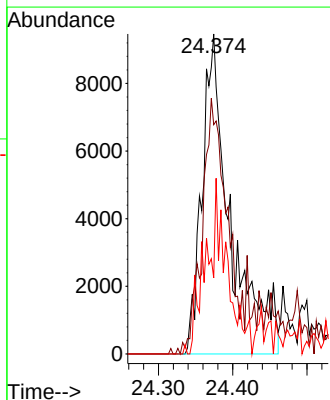
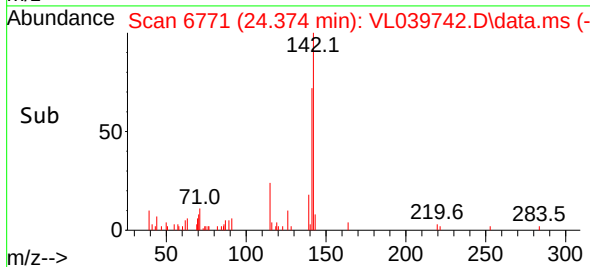
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

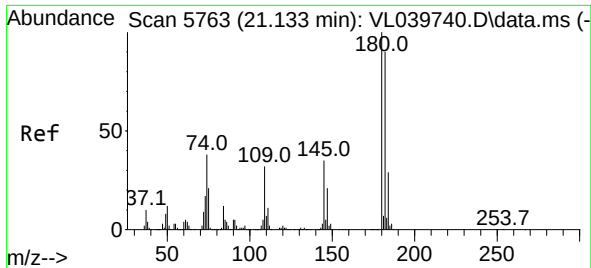


#80
Naphthalene,2-methyl-
Concen: 0.340 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.003 min
Lab File: VL039742.D
Acq: 21 Oct 2022 11:21



Tgt Ion:142 Resp: 24996
Ion Ratio Lower Upper
142 100
141 75.0 70.0 105.0
115 43.6 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 0.852 ppbv m

RT: 21.127 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL039742.D

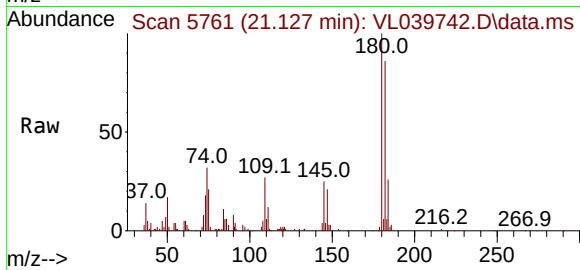
Acq: 21 Oct 2022 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 109429

Ion Ratio Lower Upper

180 100

182 96.4 0.0 0.0

184 30.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022

