

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039934.D
 Acq On : 23 Nov 2022 9:08
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/23/2022
 Supervised By : Mahesh Dadoda 11/24/2022

Quant Time: Nov 23 09:48:19 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

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

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	911279	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.635	114	2761375	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	2584034	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2012564 10.197 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1846609	14.149	ppbv	95
3) Chlorodifluoromethane	2.652	51	1265721	10.065	ppbv	99
4) Chloromethane	2.790	50	731304	9.101	ppbv	99
5) Vinyl Chloride	2.899	62	662883	10.557	ppbv	100
6) Bromomethane	3.095	94	286424	13.373	ppbv	96
7) Chloroethane	3.173	64	248062	9.995	ppbv	90
8) Dichlorotetrafluoroethane	2.835	85	1597016	10.716	ppbv	100
9) Propene	2.671	41	578196	9.761	ppbv	99
10) Heptane	7.561	43	1432248	10.021	ppbv	99
11) Trichlorofluoromethane	3.542	101	1647181	10.347	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.047	101	1241971	10.308	ppbv	97
13) Ethanol	3.218	45	34856m	7.707	ppbv	
14) Bromoethene	3.343	108	495921	10.555	ppbv	99
15) Acetone	3.446	43	1214171	10.045	ppbv	98
16) 1,3-Butadiene	2.964	39	638381	10.597	ppbv	99
17) tert-Butyl alcohol	3.854	59	1440220	10.363	ppbv	99
18) 1,1-Dichloroethene	3.857	96	546563	9.945	ppbv	98
19) Isopropyl Alcohol	3.552	45	616728	9.424	ppbv	88
20) Methylene Chloride	3.909	84	491854	8.399	ppbv	97
21) Allyl Chloride	3.973	41	865773	10.326	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	583765	10.445	ppbv	98
23) Vinyl Acetate	4.603	43	236901m	4.771	ppbv	
24) 1,1-Dichloroethane	4.542	63	1212894	10.130	ppbv	99
25) Ethyl Acetate	5.182	43	2594122	11.689	ppbv	99
26) Hexane	5.195	57	989961	10.212	ppbv	88
27) Carbon Disulfide	4.102	76	1382600	11.296	ppbv	99
28) Methyl tert-Butyl Ether	4.565	73	1189789	9.802	ppbv	100
29) Chloroform	5.253	83	1398064	10.852	ppbv	96
30) Cyclohexane	6.578	84	952157	10.008	ppbv	97
31) cis-1,2-Dichloroethene	5.057	61	944769	10.548	ppbv	98
32) 1,1,1-Trichloroethane	5.986	97	1646888	10.236	ppbv	99
34) 2-Butanone	4.764	43	1406089	10.642	ppbv	100
35) Carbon Tetrachloride	6.475	117	1707012	10.885	ppbv	97
36) Benzene	6.353	78	2344490	9.989	ppbv	98
37) 1,2-Dichloroethane	5.787	62	1272133	9.890	ppbv	100
38) Trichloroethene	7.272	130	1072157	8.172	ppbv	96
39) 1,2-Dichloropropane	7.057	63	890029	9.733	ppbv	97
40) 1,4-Dioxane	7.269	88	347653	9.543	ppbv	93
41) Tetrahydrofuran	5.536	42	935545	10.256	ppbv	99
42) Bromodichloromethane	7.234	83	1863370	10.682	ppbv	97
43) Methyl Methacrylate	7.455	69	996509	10.829	ppbv	99
44) 2,2,4-Trimethylpentane	7.307	57	3868950	9.874	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	854349	10.049	ppbv	96

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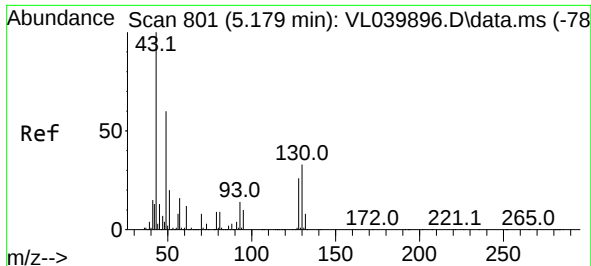
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1178030	10.002	ppbv	99
47) 1,1,2-Trichloroethane	8.883	97	955296	10.164	ppbv	98
48) Dibromochloromethane	9.693	129	1575730	11.447	ppbv	100
49) Bromoform	12.397	173	1290702	11.583	ppbv	100
50) 4-Methyl-2-Pentanone	8.166	43	2397398	10.131	ppbv	100
51) 2-Hexanone	9.536	43	1887214	10.273	ppbv #	100
52) Tetrachloroethene	10.603	164	823907	9.383	ppbv	98
53) Toluene	9.205	91	2684250	10.039	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1221249	12.176	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.494	131	1194494	11.309	ppbv	97
57) Chlorobenzene	11.513	112	2020974	10.229	ppbv	99
58) Ethyl Benzene	12.073	91	3562327	10.162	ppbv	99
59) m/p-Xylene	12.359	91	5960909m	20.316	ppbv	
60) o-Xylene	13.044	91	2836630	10.138	ppbv	99
61) Styrene	12.886	104	1756203	10.515	ppbv	99
62) Isopropylbenzene	14.018	105	4366569	10.822	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1545001	16.536	ppbv	100
64) n-propylbenzene	14.905	120	1149520	10.890	ppbv	95
65) tert-Butylbenzene	16.082	119	3786918	10.728	ppbv	99
66) Benzyl Chloride	16.320	91	208023	6.877	ppbv	98
67) sec-Butylbenzene	16.625	105	5307000	10.935	ppbv	98
69) p-Isopropyltoluene	16.986	119	4346158	10.871	ppbv	98
70) n-Butylbenzene	17.876	91	4382395	11.056	ppbv	98
71) 2-Chlorotoluene	14.790	91	3258219	10.653	ppbv	99
72) 4-Ethyltoluene	15.185	105	3328184	10.582	ppbv	99
73) 1,3,5-Trimethylbenzene	15.343	105	3010972	10.458	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	3183884	10.445	ppbv	96
75) 1,3-Dichlorobenzene	16.323	146	1792109	10.450	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1740941	10.240	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	1732629	10.479	ppbv	100
78) Hexachloro-1,3-Butadiene	22.625	225	1214921	10.590	ppbv	99
79) Naphthalene	21.374	128	2428697	13.313	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	674821	13.152	ppbv	94
81) 1,2,4-Trichlorobenzene	21.130	180	1274415	11.312	ppbv	99

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



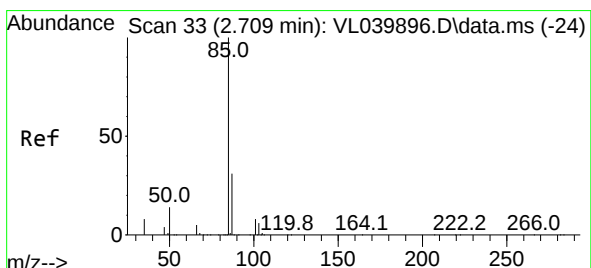
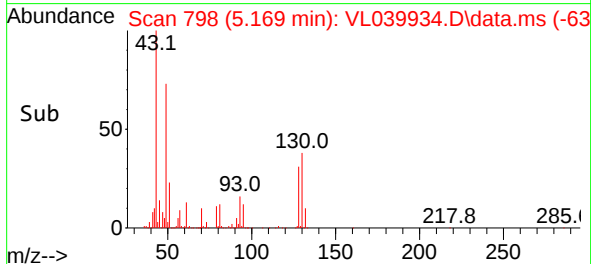
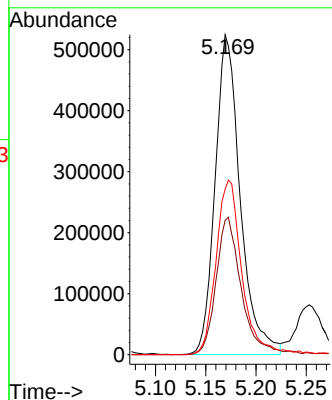
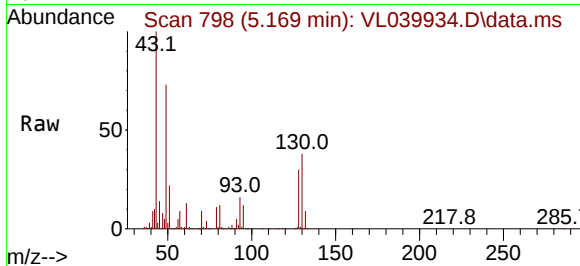
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 911279
Ion Ratio Lower Upper
49 100
128 43.8 22.1 66.3
130 57.1 27.7 83.1

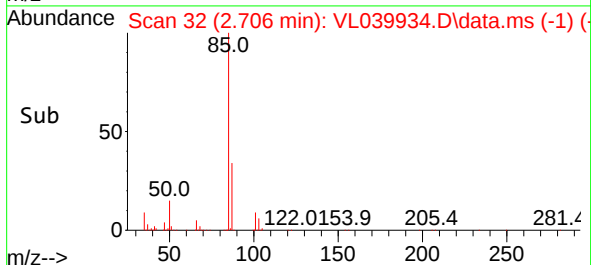
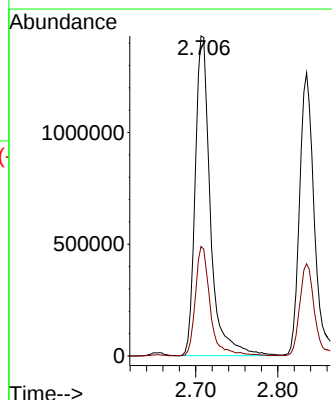
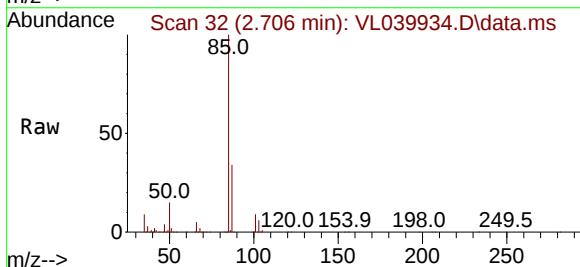
Manual Integrations
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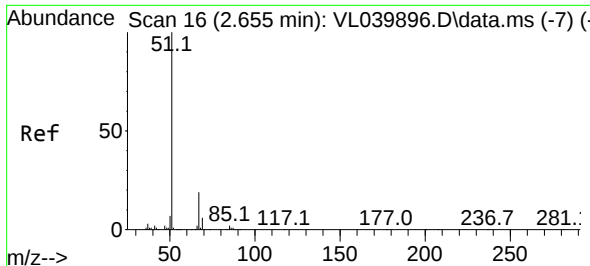
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#2
Dichlorodifluoromethane
Concen: 14.149 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Tgt Ion: 85 Resp: 1846609
Ion Ratio Lower Upper
85 100
87 34.2 25.0 37.4





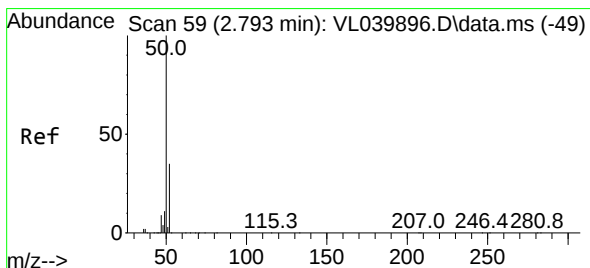
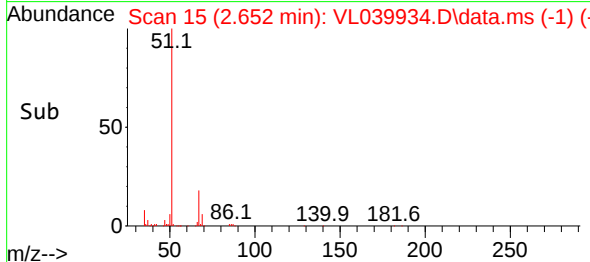
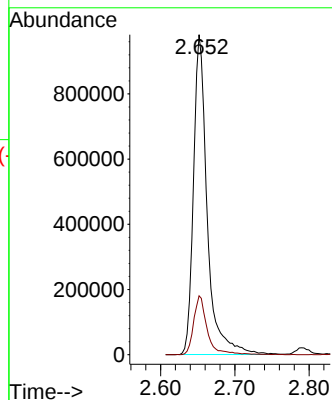
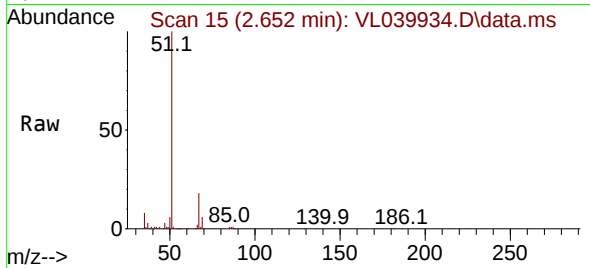
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Chlorodifluoromethane
Concen: 10.065 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 126572
Ion Ratio Lower Upper
51 100
67 18.3 14.2 21.4

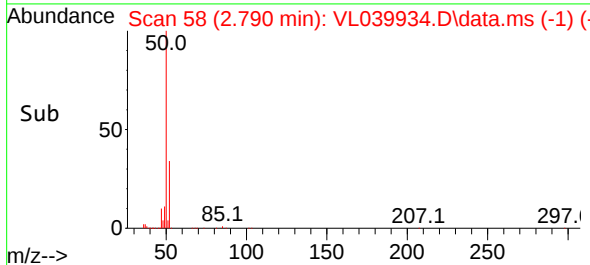
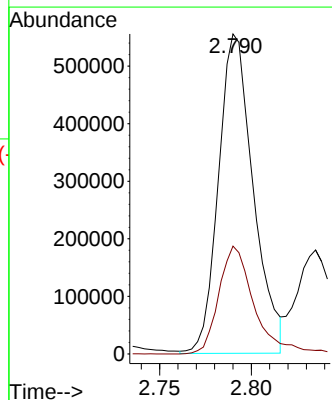
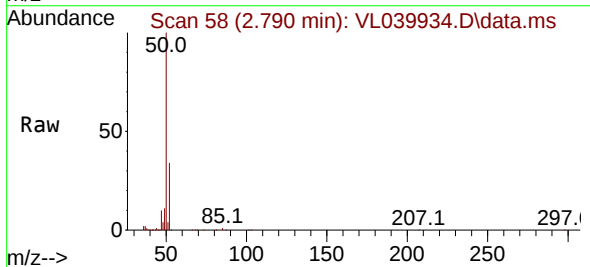
Manual Integrations
APPROVED

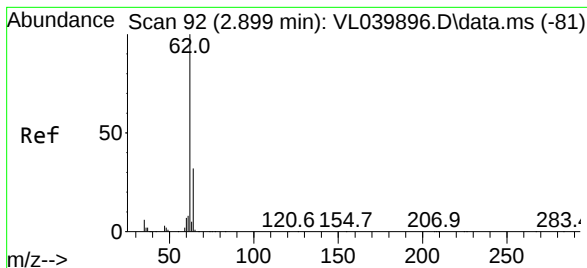
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#4
Chloromethane
Concen: 9.101 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

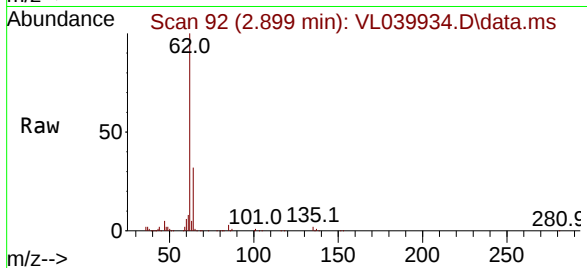
Tgt Ion: 50 Resp: 731304
Ion Ratio Lower Upper
50 100
52 34.1 27.8 41.8





#5
 Vinyl Chloride
 Concen: 10.557 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

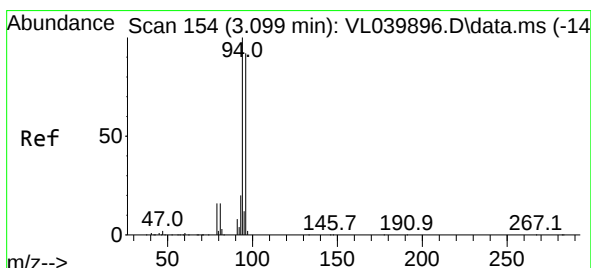
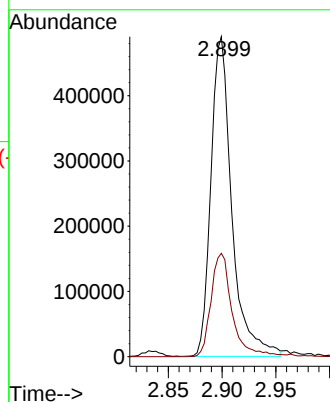
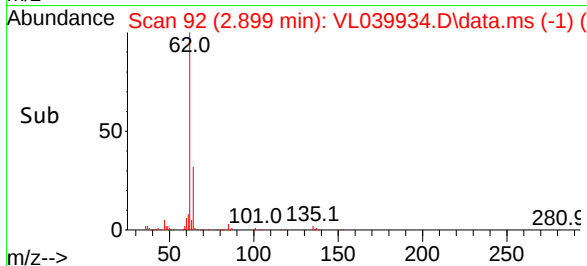
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



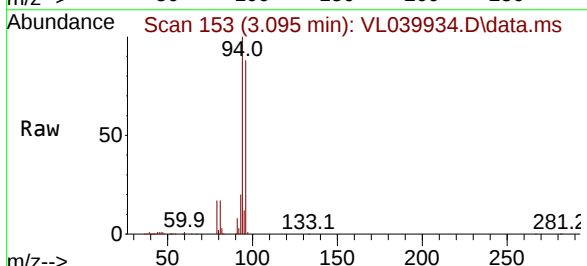
Tgt Ion: 62 Resp: 66288
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.7 38.5

Manual Integrations
 APPROVED

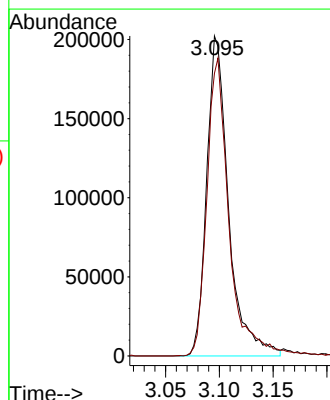
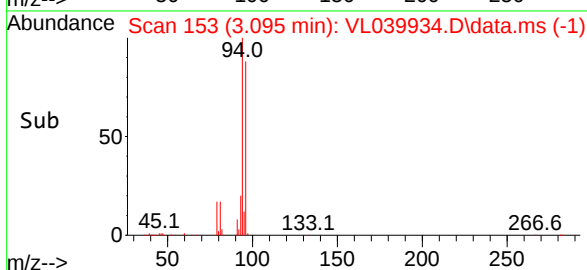
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022

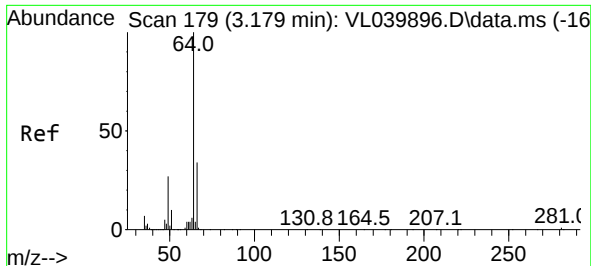


#6
 Bromomethane
 Concen: 13.373 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.010 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08



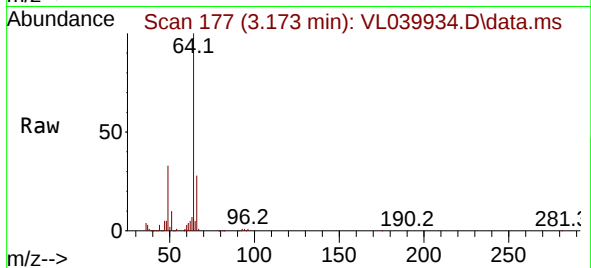
Tgt Ion: 94 Resp: 286424
 Ion Ratio Lower Upper
 94 100
 96 88.2 73.7 110.5





#7
Chloroethane
Concen: 9.995 ppbv
RT: 3.173 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

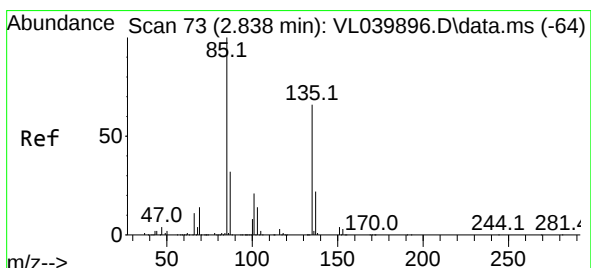
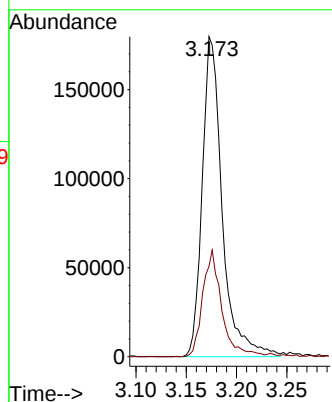
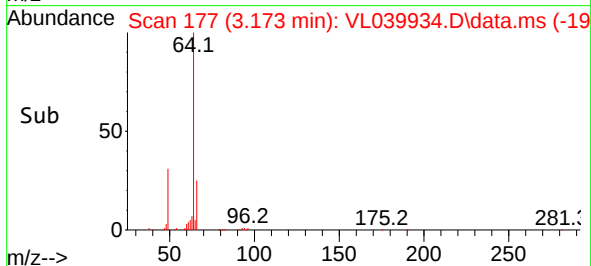
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



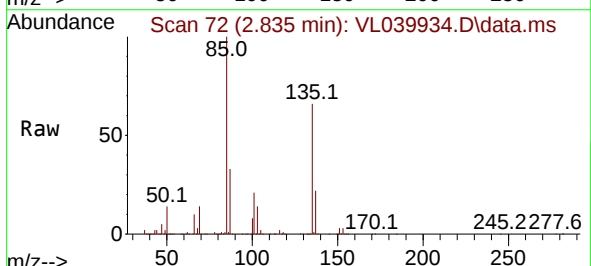
Tgt Ion: 64 Resp: 248062
Ion Ratio Lower Upper
64 100
66 28.3 27.3 40.9

Manual Integrations
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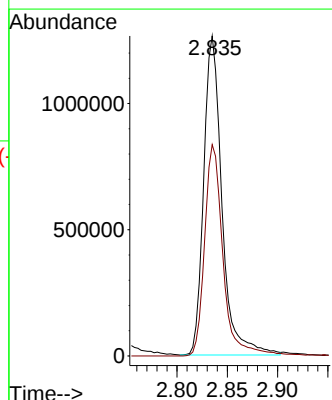
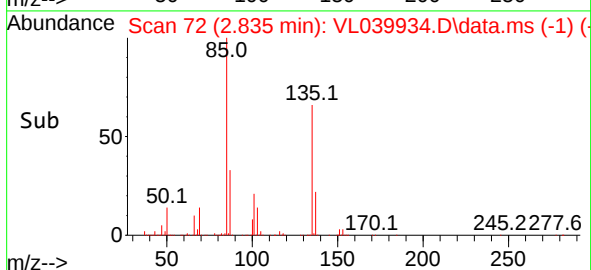
Reviewed By :Semsettin Yesilyurt 11/23/2022
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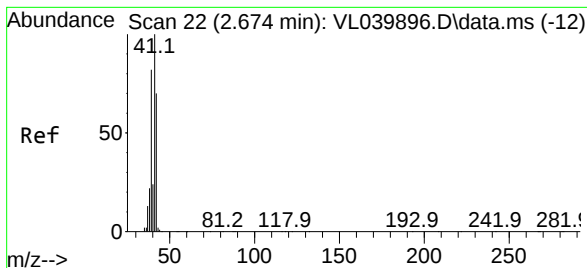


#8
Dichlorotetrafluoroethane
Concen: 10.716 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08



Tgt Ion: 85 Resp: 1597016
Ion Ratio Lower Upper
85 100
135 67.5 54.1 81.1





#9

Propene

Concen: 9.761 ppbv

RT: 2.671 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 578190

Ion Ratio Lower Upper

41 100

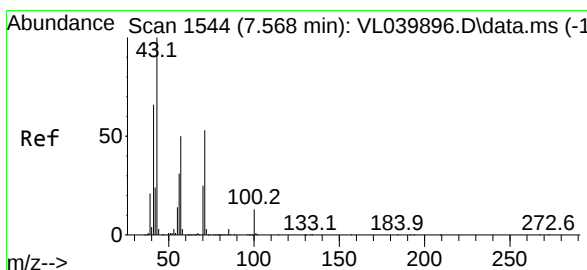
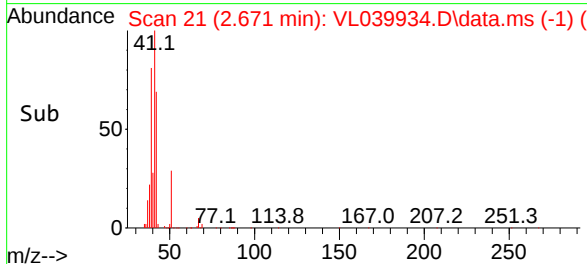
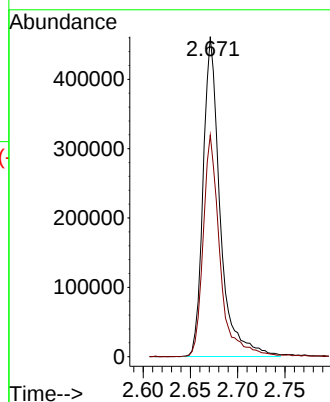
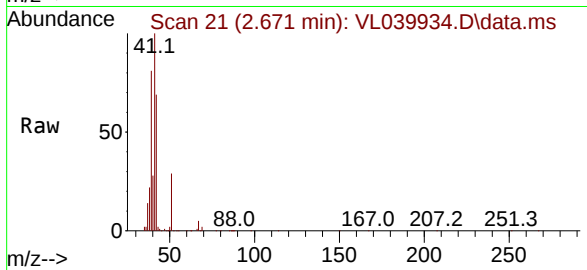
42 69.2 55.8 83.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#10

Heptane

Concen: 10.021 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. 0.016 min

Lab File: VL039934.D

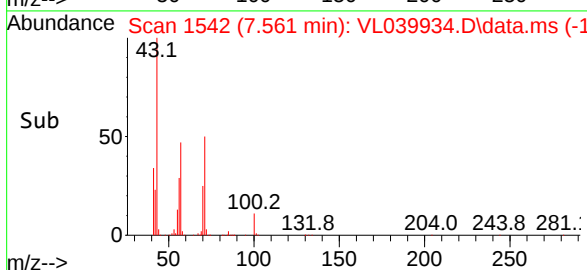
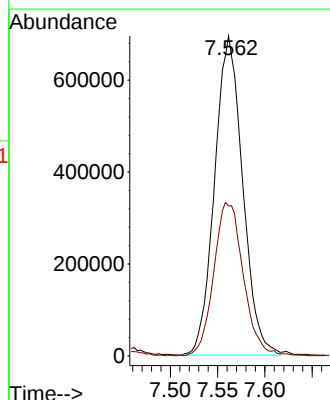
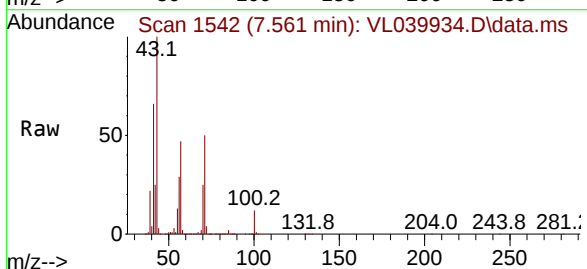
Acq: 23 Nov 2022 9:08

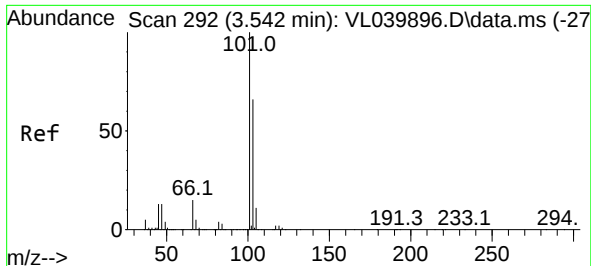
Tgt Ion: 43 Resp: 1432248

Ion Ratio Lower Upper

43 100

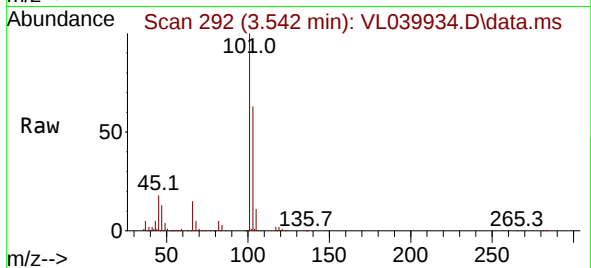
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#11
 Trichlorofluoromethane
 Concen: 10.347 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. 0.013 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

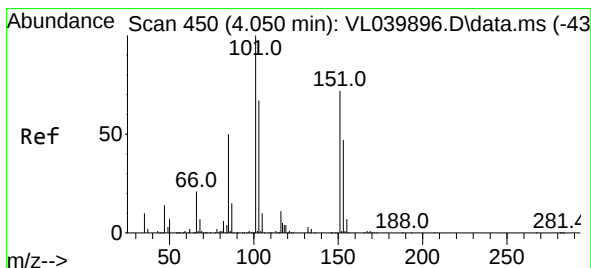
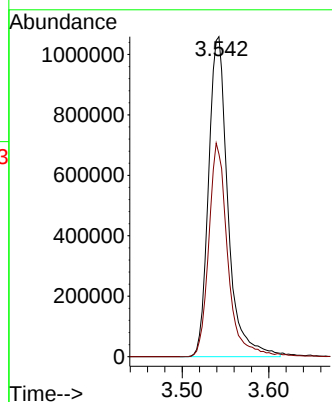
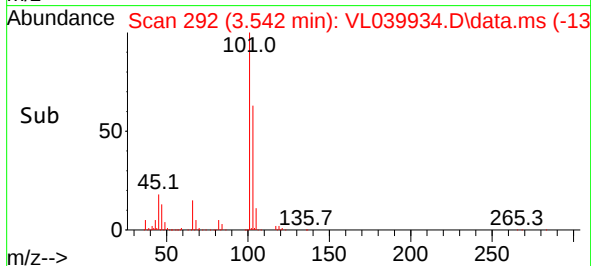
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



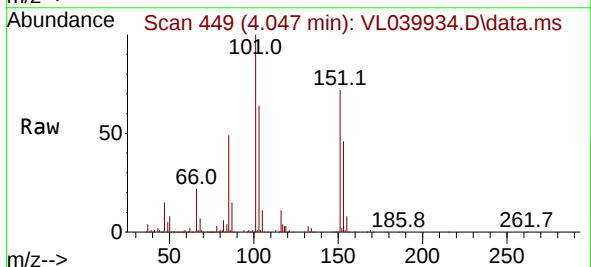
Tgt Ion:101 Resp: 164718
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.6 78.8

Manual Integrations
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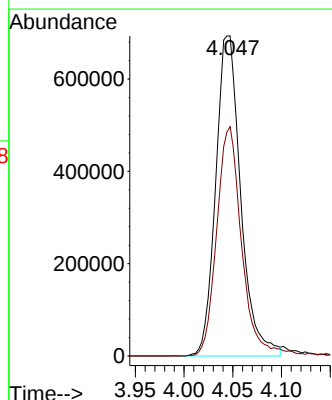
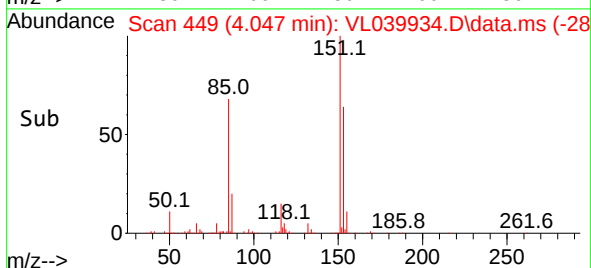
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022

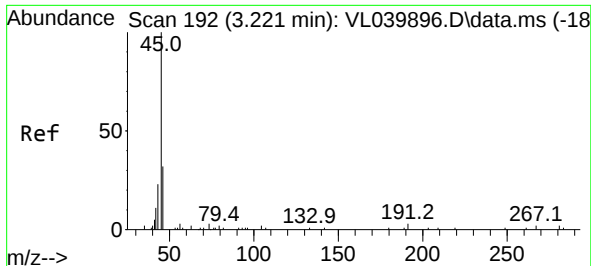


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.308 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. 0.013 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08



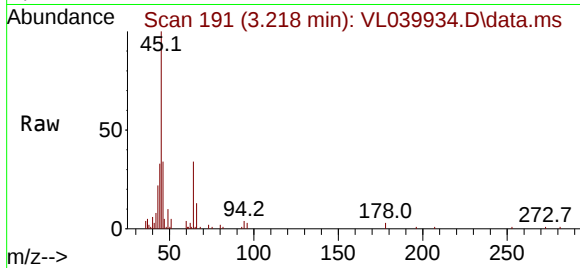
Tgt Ion:101 Resp: 1241971
 Ion Ratio Lower Upper
 101 100
 151 71.9 59.6 89.4





#13
Ethanol
Concen: 7.707 ppbv m
RT: 3.218 min Scan# 192
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

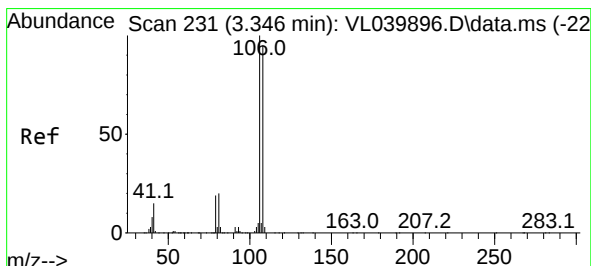
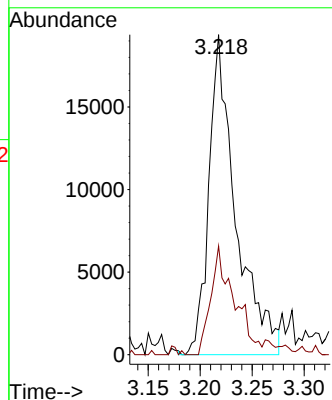
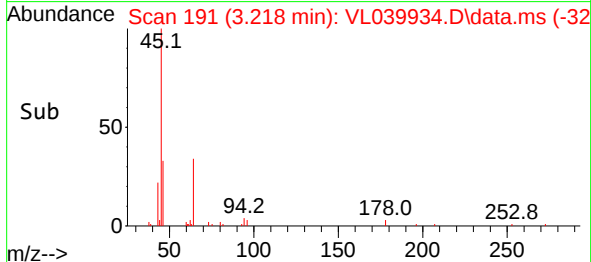
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



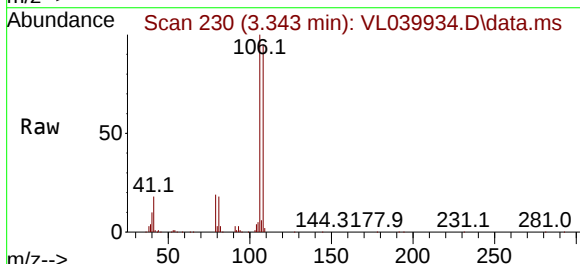
Tgt Ion: 45 Resp: 34850
Ion Ratio Lower Upper
45 100
46 33.8 14.6 58.2

Manual Integrations
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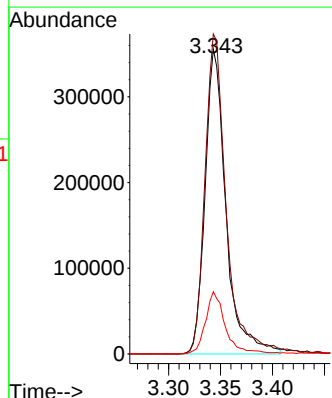
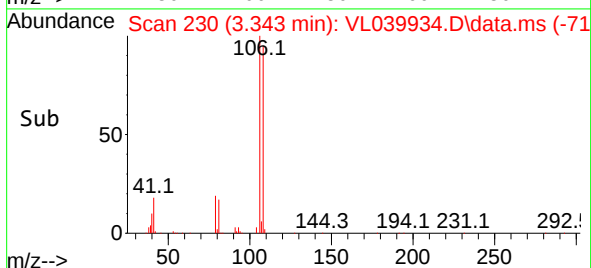
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

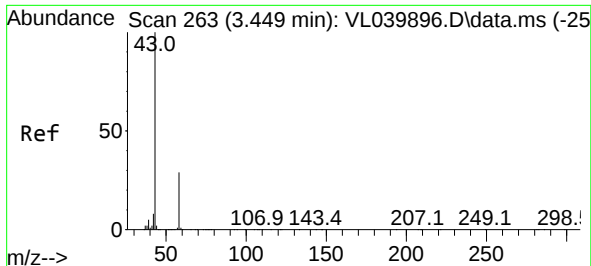


#14
Bromoethene
Concen: 10.555 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08



Tgt Ion:108 Resp: 495921
Ion Ratio Lower Upper
108 100
106 108.6 87.3 130.9
79 20.2 15.9 23.9





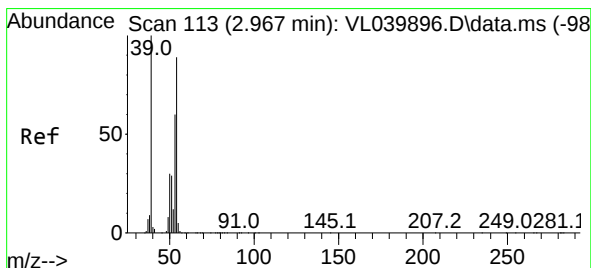
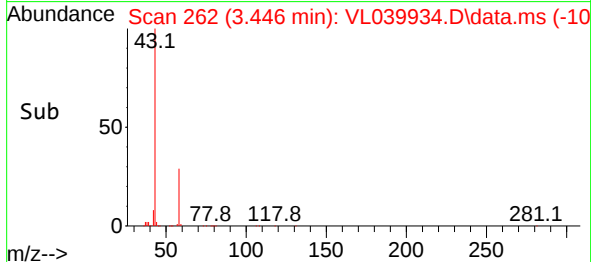
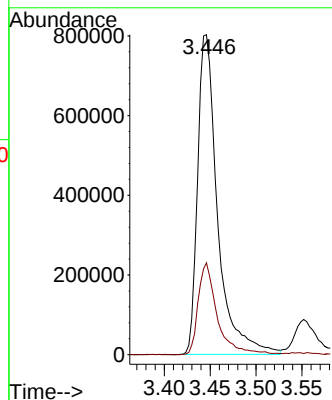
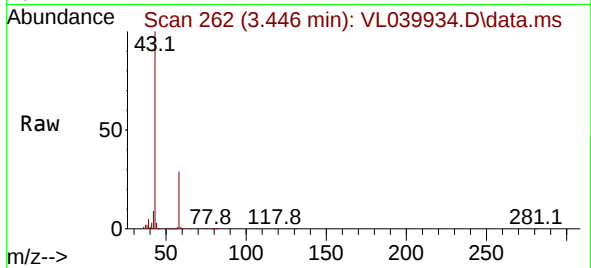
#15
Acetone
Concen: 10.045 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 121417
Ion Ratio Lower Upper
43 100
58 27.6 22.9 34.3

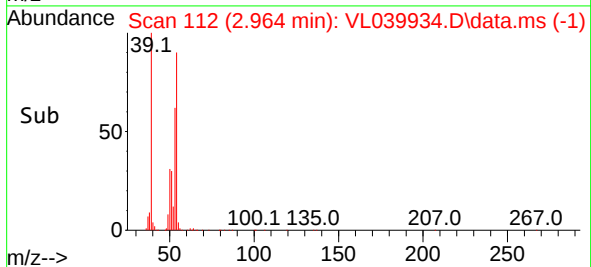
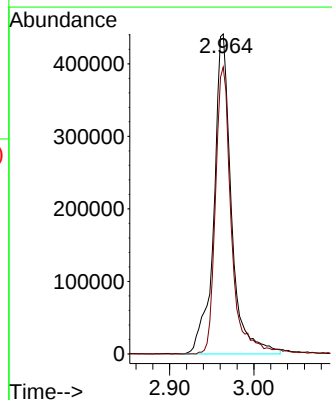
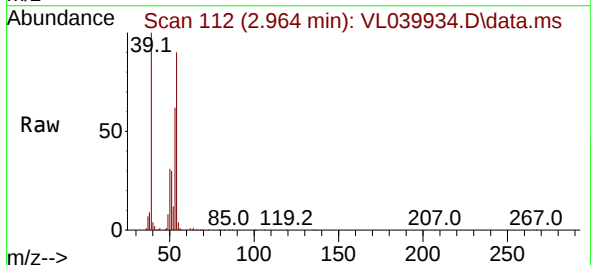
Manual Integrations
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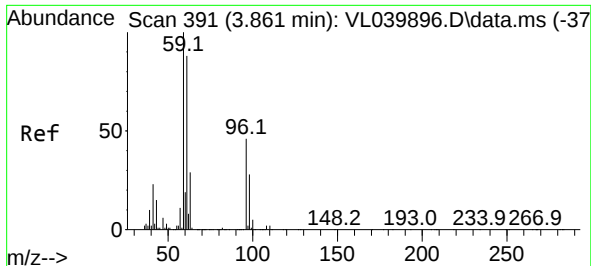
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#16
1,3-Butadiene
Concen: 10.597 ppbv
RT: 2.964 min Scan# 112
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Tgt Ion: 39 Resp: 638381
Ion Ratio Lower Upper
39 100
54 82.3 66.6 99.8





#17

tert-Butyl alcohol

Concen: 10.363 ppbv

RT: 3.854 min Scan# 390

Delta R.T. 0.010 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1440220

Ion Ratio Lower Upper

59 100

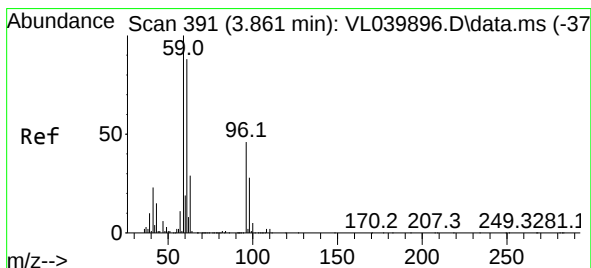
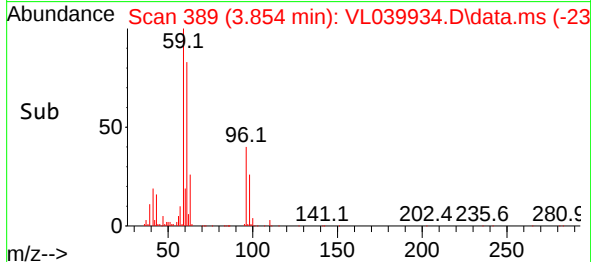
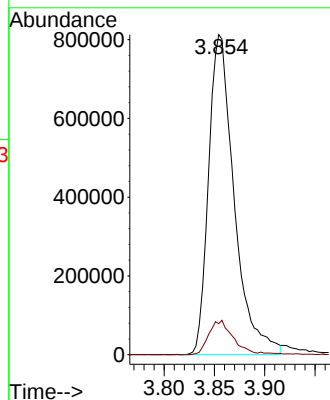
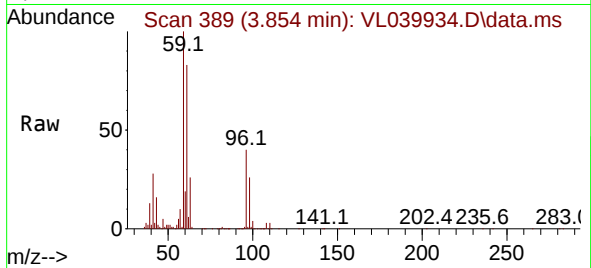
57 10.7 8.3 12.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#18

1,1-Dichloroethene

Concen: 9.945 ppbv

RT: 3.857 min Scan# 390

Delta R.T. 0.013 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

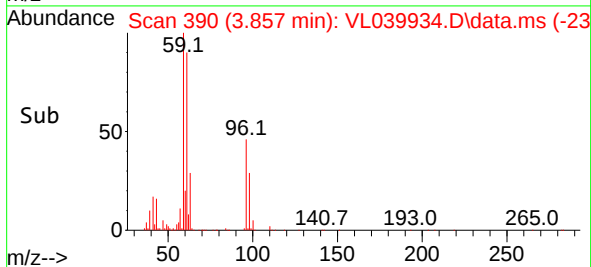
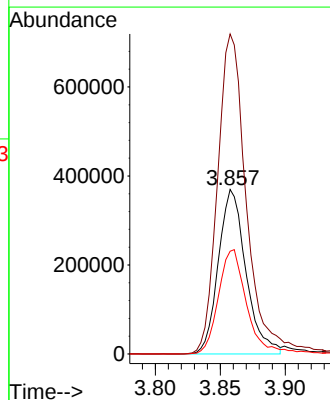
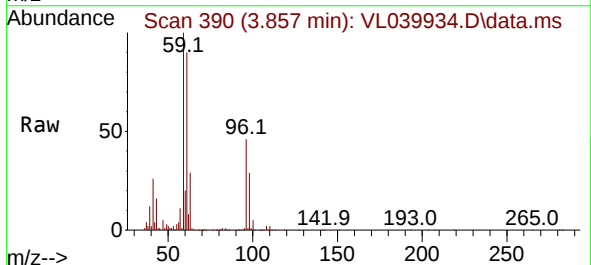
Tgt Ion: 96 Resp: 546563

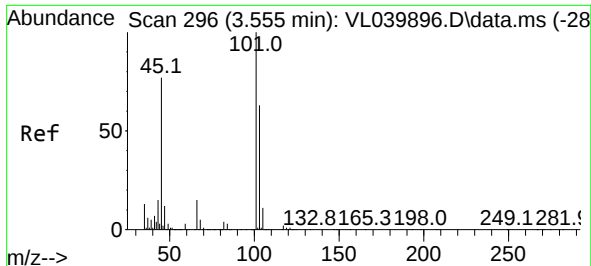
Ion Ratio Lower Upper

96 100

61 194.5 153.4 230.2

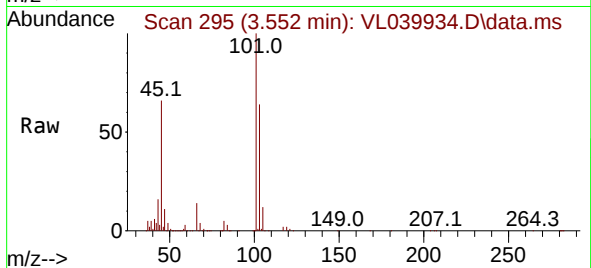
98 62.5 48.9 73.3





#19
Isopropyl Alcohol
Concen: 9.424 ppbv
RT: 3.552 min Scan# 296
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

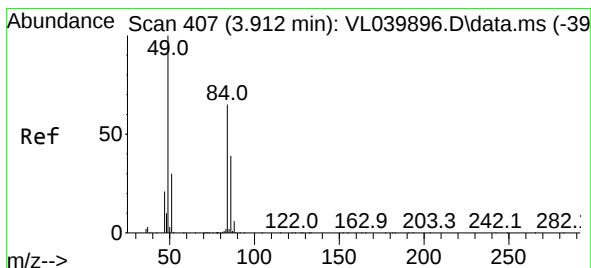
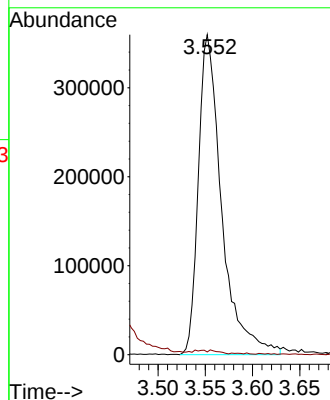
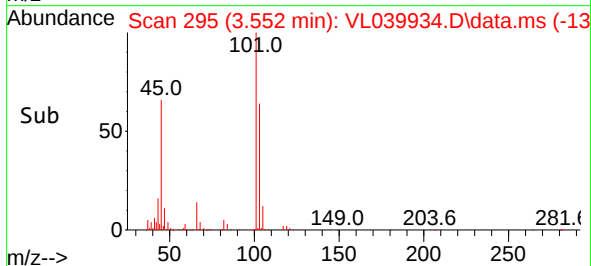
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



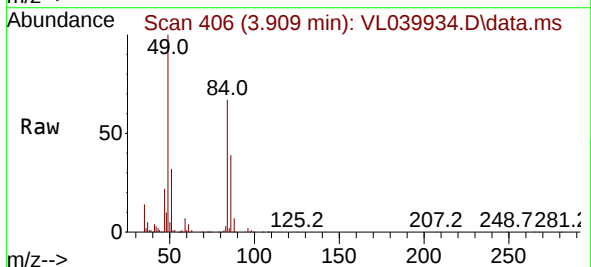
Tgt Ion: 45 Resp: 616728
Ion Ratio Lower Upper
45 100
58 56.3 38.7 58.1

Manual Integrations
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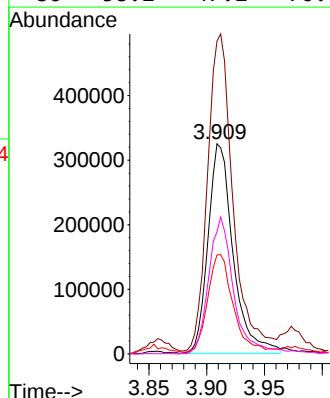
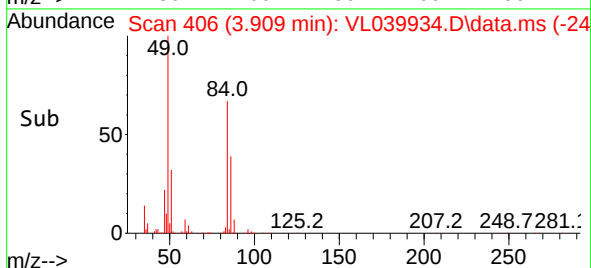
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

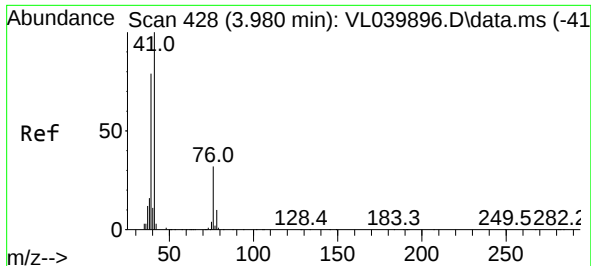


#20
Methylene Chloride
Concen: 8.399 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08



Tgt Ion: 84 Resp: 491854
Ion Ratio Lower Upper
84 100
49 147.8 122.2 183.4
51 46.1 36.3 54.5
86 58.2 47.2 70.8





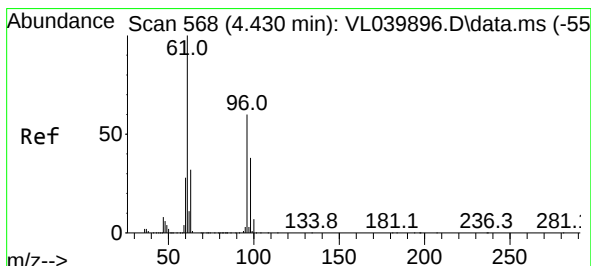
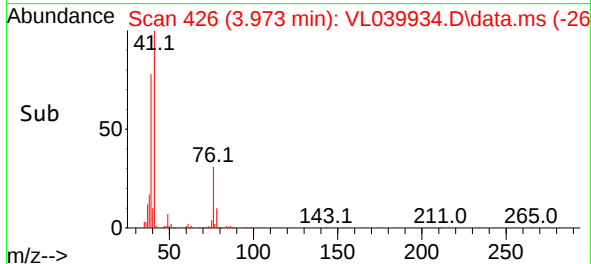
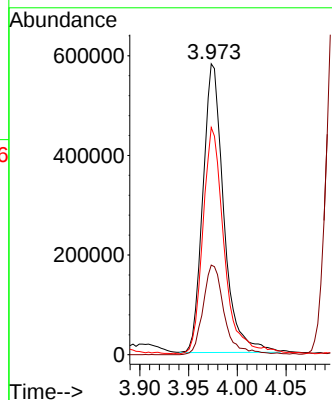
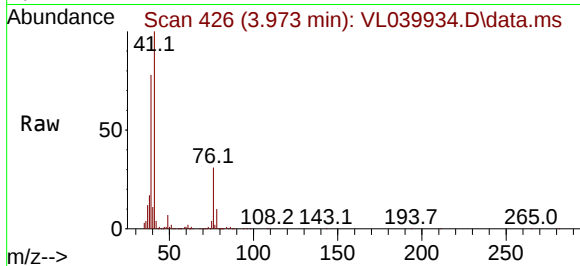
#21
 Allyl Chloride
 Concen: 10.326 ppbv
 RT: 3.973 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 86577
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.6 38.4
 39 80.3 65.2 97.8

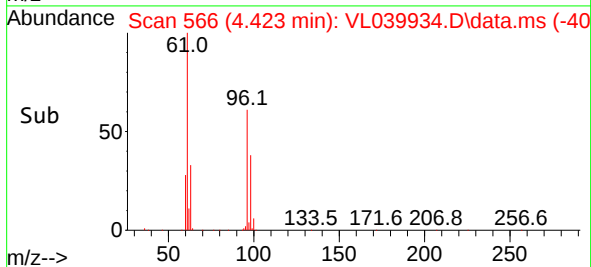
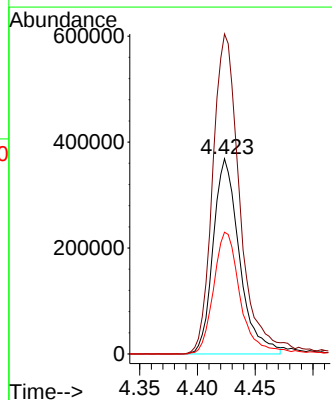
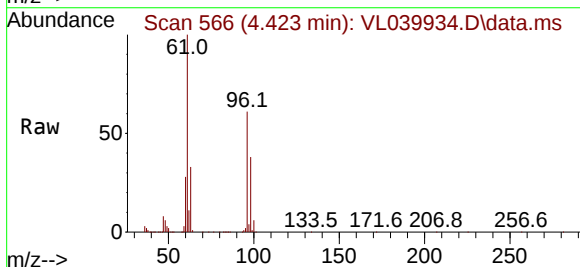
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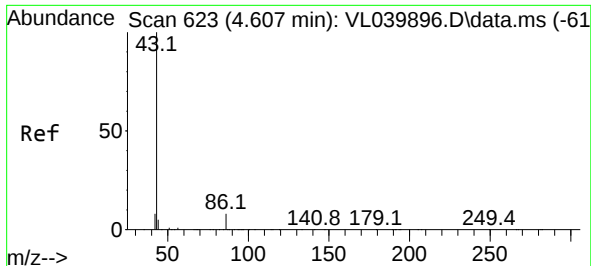
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.445 ppbv
 RT: 4.423 min Scan# 566
 Delta R.T. 0.013 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

Tgt Ion: 96 Resp: 583765
 Ion Ratio Lower Upper
 96 100
 61 163.9 134.1 201.1
 98 62.4 50.4 75.6





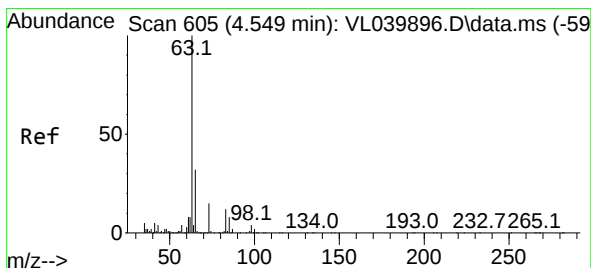
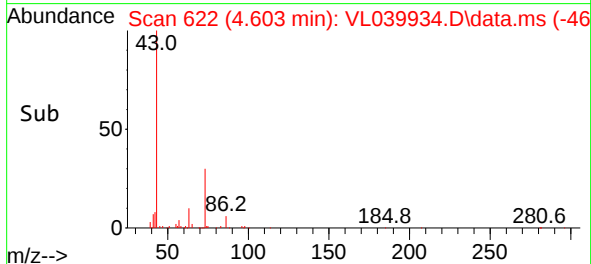
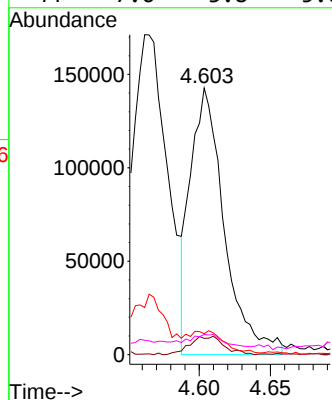
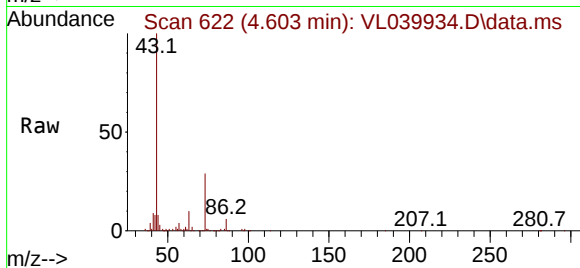
#23
 Vinyl Acetate
 Concen: 4.771 ppbv m
 RT: 4.603 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 23690
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.0 7.4
 42 7.9 7.6 11.4
 44 7.6 3.8 5.6#

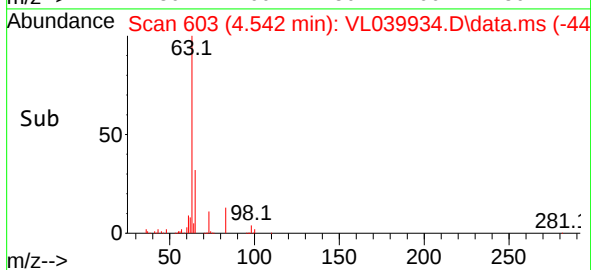
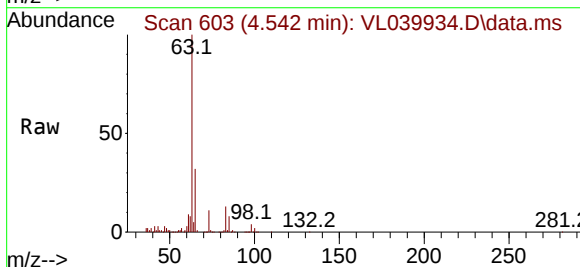
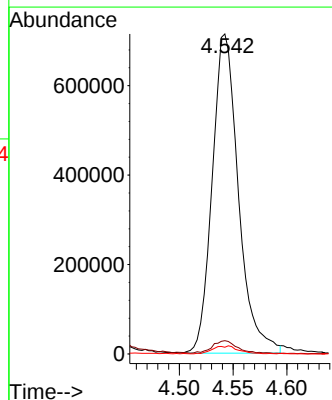
Manual Integrations
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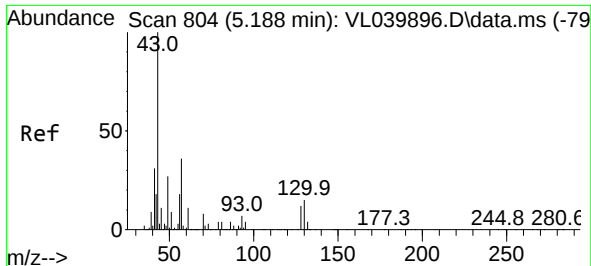
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#24
 1,1-Dichloroethane
 Concen: 10.130 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.013 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

Tgt Ion: 63 Resp: 1212894
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.5
 100 2.0 1.1 3.5





#25

Ethyl Acetate

Concen: 11.689 ppbv

RT: 5.182 min Scan# 80

Delta R.T. 0.013 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 259412

Ion Ratio Lower Upper

43 100

45 11.1 8.4 12.6

61 10.9 8.5 12.7

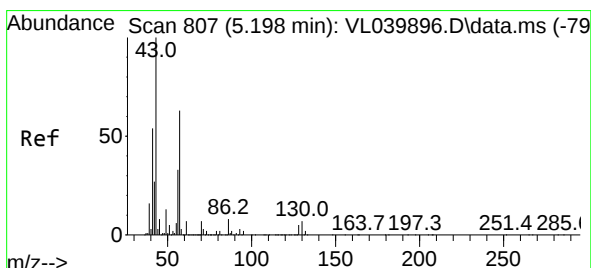
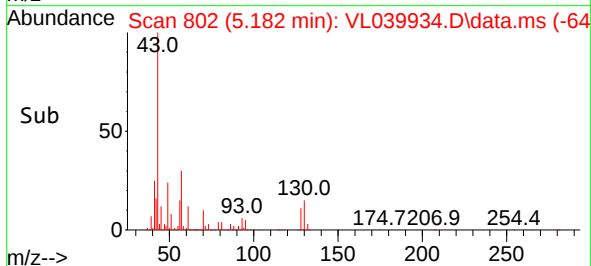
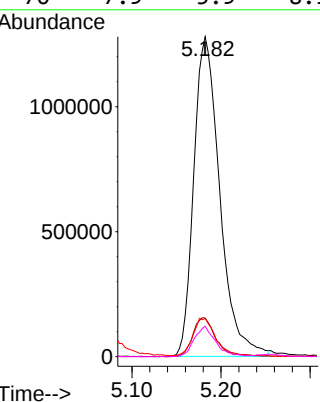
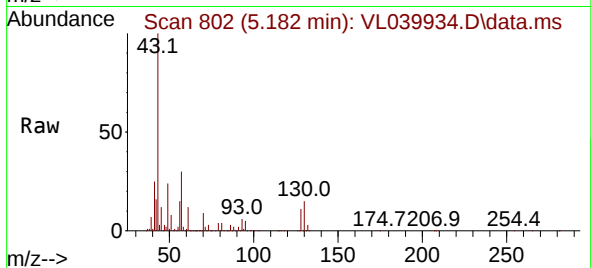
70 7.9 5.9 8.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#26

Hexane

Concen: 10.212 ppbv

RT: 5.195 min Scan# 806

Delta R.T. 0.013 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Tgt Ion: 57 Resp: 989961

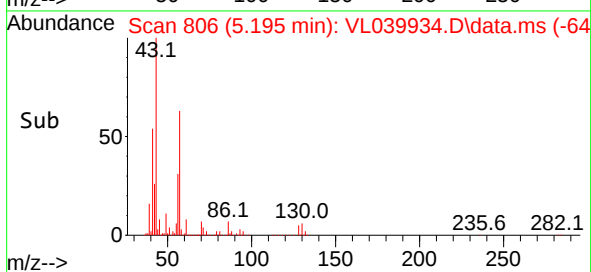
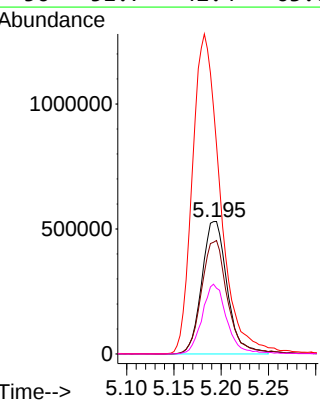
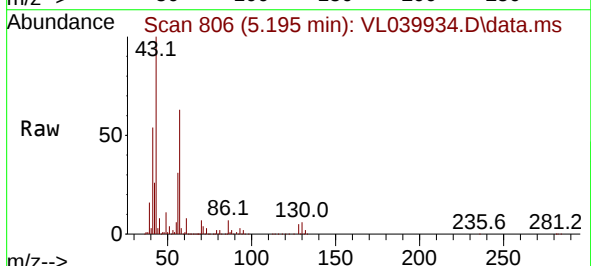
Ion Ratio Lower Upper

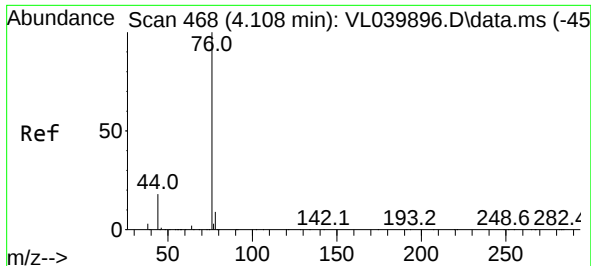
57 100

41 89.1 72.3 108.5

43 265.9 188.7 283.1

56 51.7 42.4 63.6





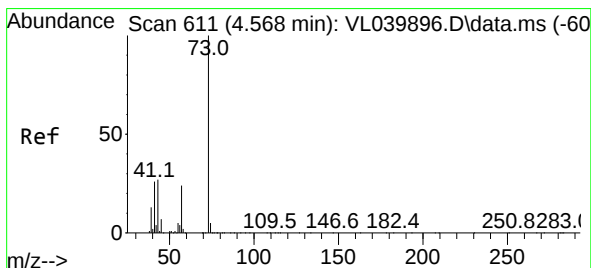
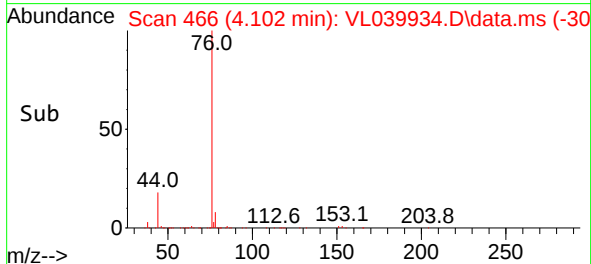
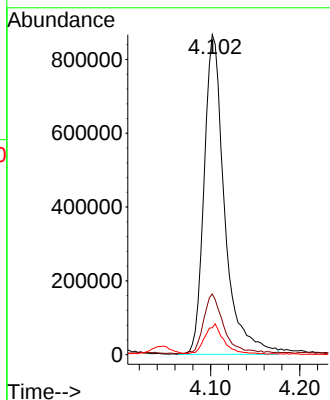
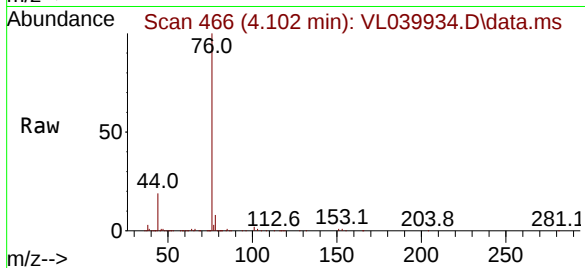
#27
Carbon Disulfide
Concen: 11.296 ppbv
RT: 4.102 min Scan# 40
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1382600
Ion Ratio Lower Upper
76 100
44 18.7 14.7 22.1
78 9.4 7.8 11.8

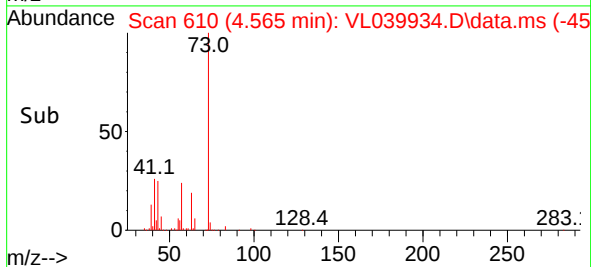
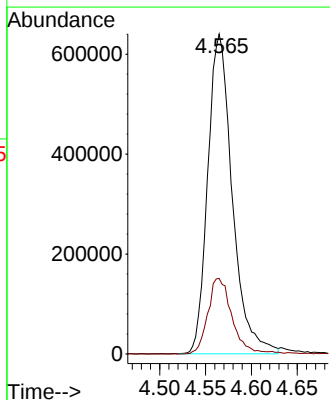
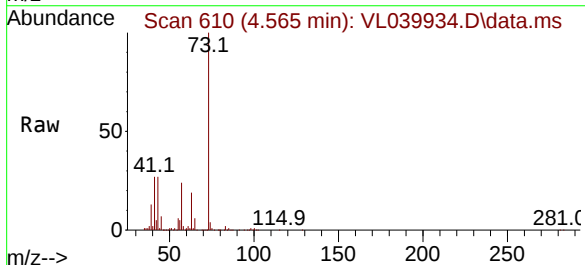
Manual Integrations
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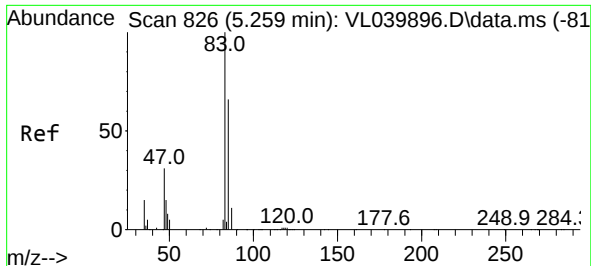
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#28
Methyl tert-Butyl Ether
Concen: 9.802 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Tgt Ion: 73 Resp: 1189789
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3





#29

Chloroform

Concen: 10.852 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1398064

Ion Ratio Lower Upper

83 100

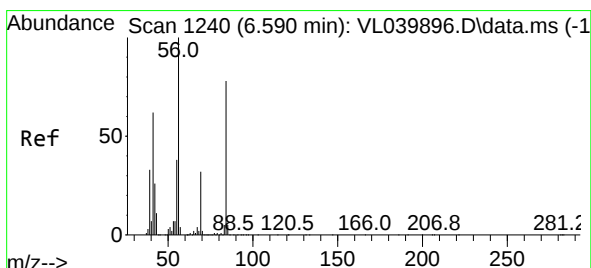
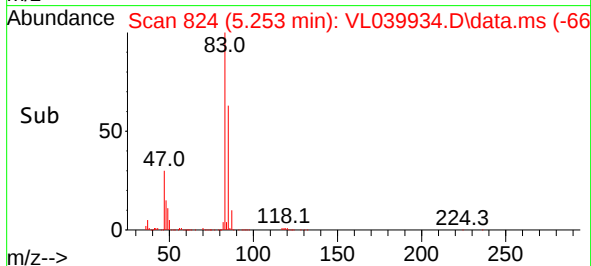
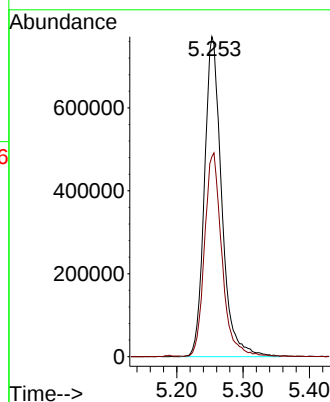
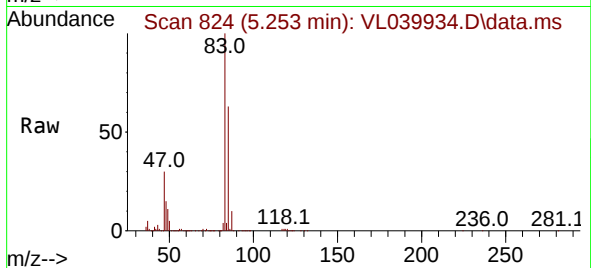
85 62.4 52.4 78.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#30

Cyclohexane

Concen: 10.008 ppbv

RT: 6.578 min Scan# 1236

Delta R.T. 0.010 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

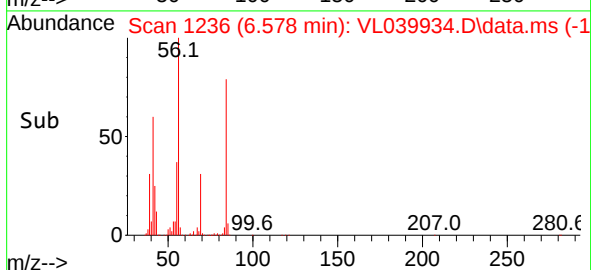
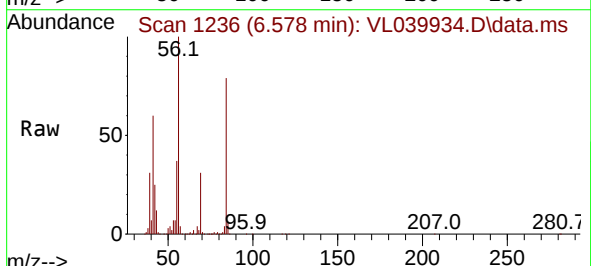
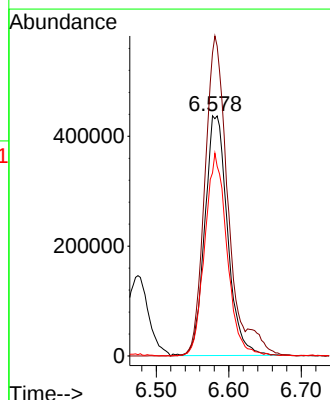
Tgt Ion: 84 Resp: 952157

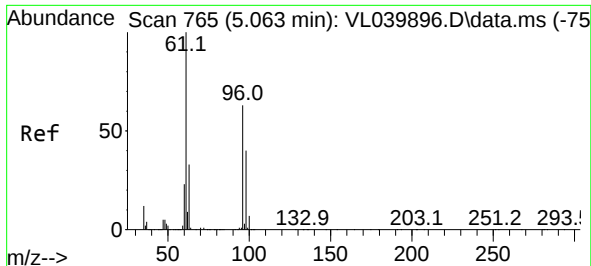
Ion Ratio Lower Upper

84 100

56 137.0 112.5 168.7

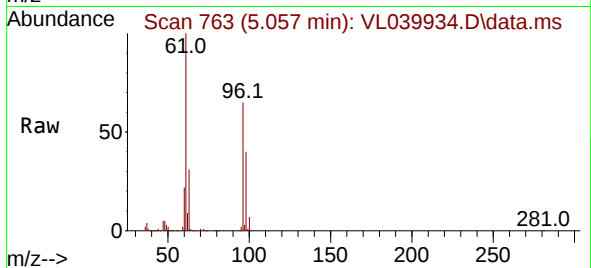
41 82.4 67.8 101.8





#31
cis-1,2-Dichloroethene
Concen: 10.548 ppbv
RT: 5.057 min Scan# 765
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

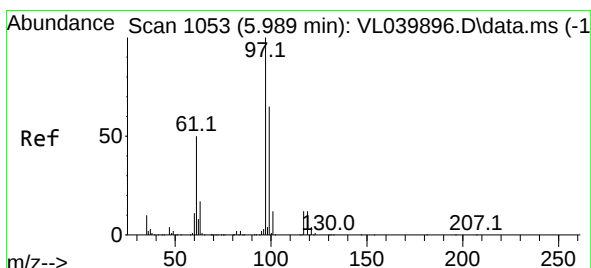
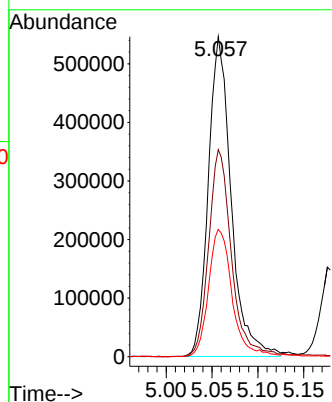
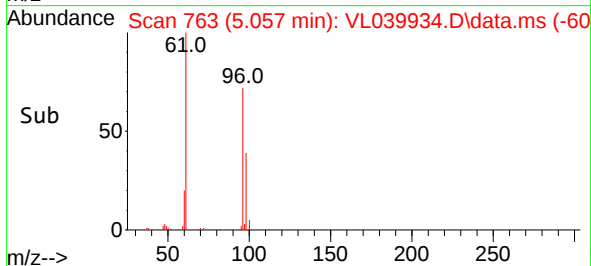
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



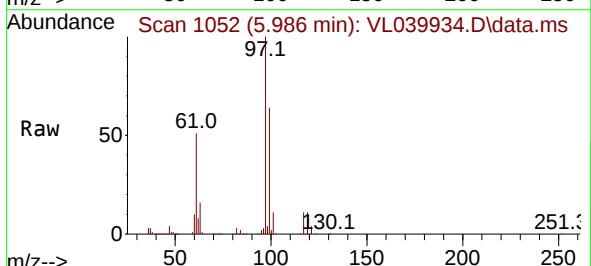
Tgt Ion: 61 Resp: 944769
Ion Ratio Lower Upper
61 100
96 64.6 50.3 75.5
98 39.7 32.2 48.2

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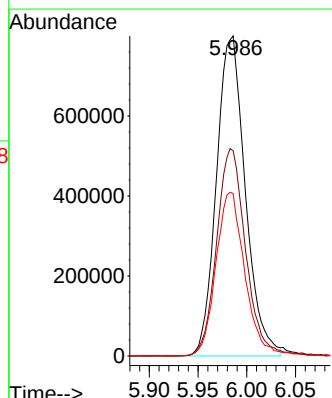
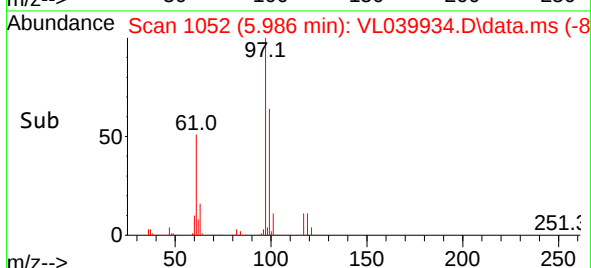
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

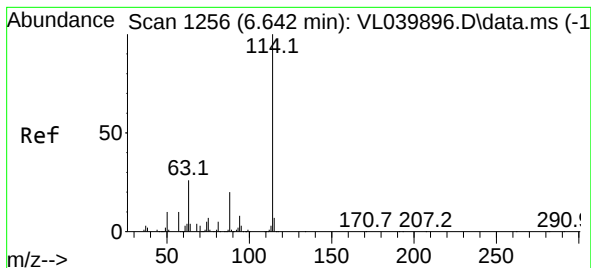


#32
1,1,1-Trichloroethane
Concen: 10.236 ppbv
RT: 5.986 min Scan# 1052
Delta R.T. 0.019 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08



Tgt Ion: 97 Resp: 1646888
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.0
61 51.7 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 114

Delta R.T. 0.016 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2761379

Ion Ratio Lower Upper

114 100

63 25.3 21.4 32.0

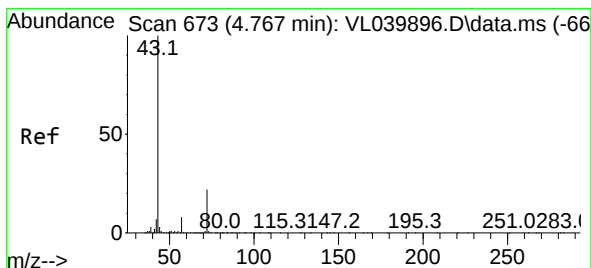
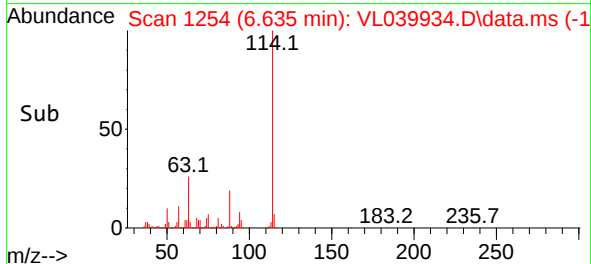
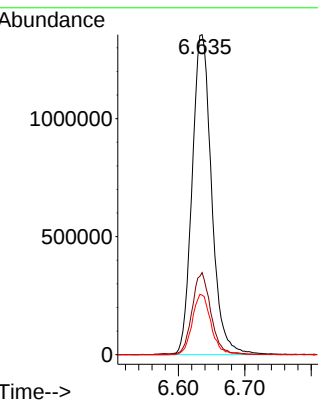
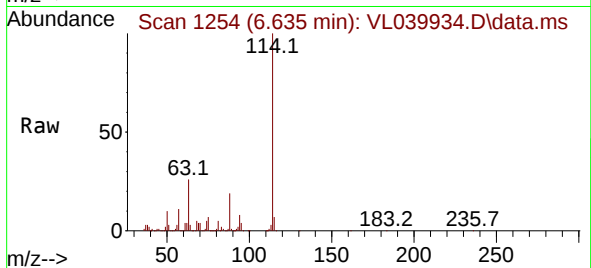
88 18.2 15.3 22.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#34

2-Butanone

Concen: 10.642 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.013 min

Lab File: VL039934.D

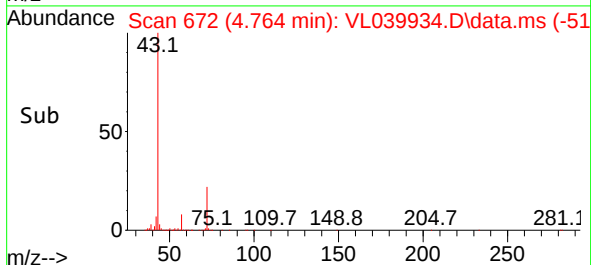
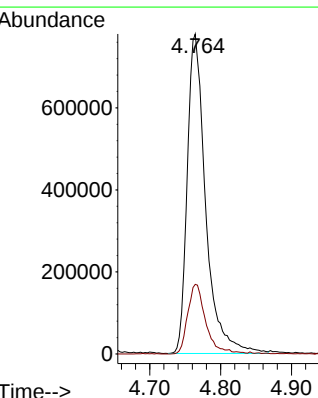
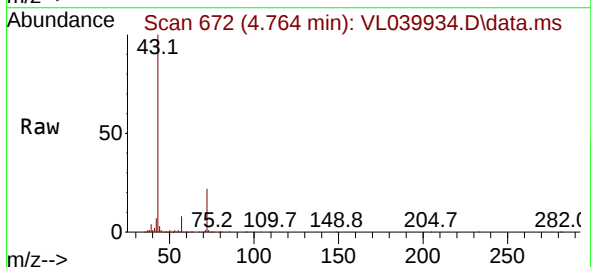
Acq: 23 Nov 2022 9:08

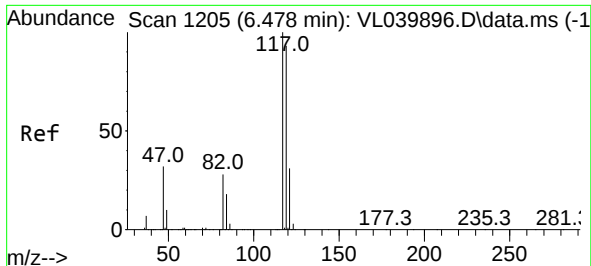
Tgt Ion: 43 Resp: 1406089

Ion Ratio Lower Upper

43 100

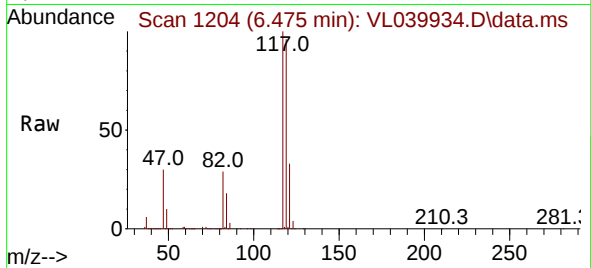
72 22.0 17.4 26.2





#35
Carbon Tetrachloride
Concen: 10.885 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

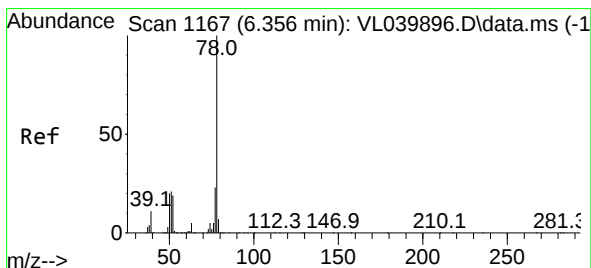
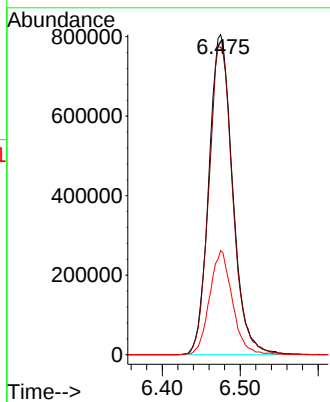
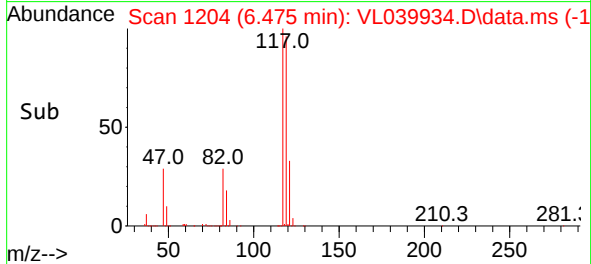
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 170701
Ion Ratio Lower Upper
117 100
119 96.1 74.7 112.1
121 32.5 24.5 36.7

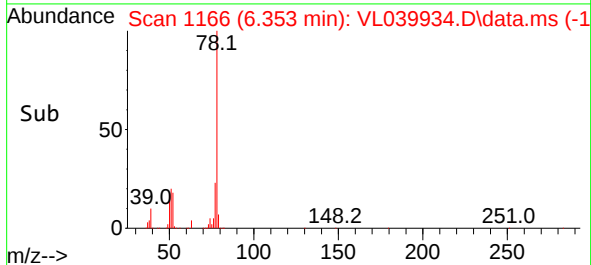
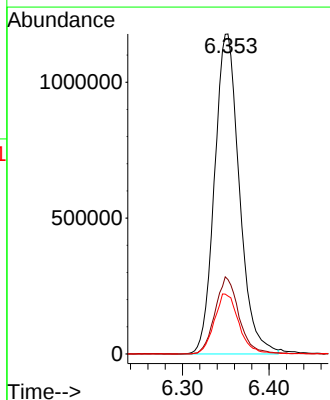
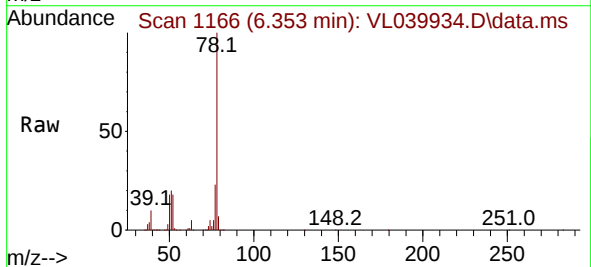
Manual Integrations
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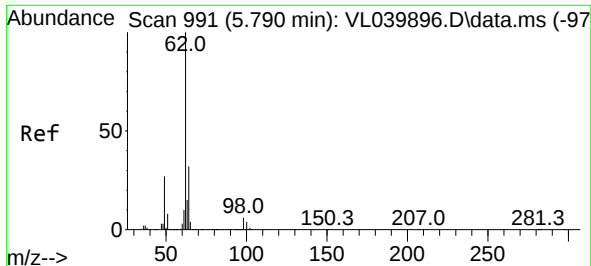
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#36
Benzene
Concen: 9.989 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.016 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Tgt Ion: 78 Resp: 2344490
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.2
50 18.1 15.8 23.8





#37

1,2-Dichloroethane

Concen: 9.890 ppbv

RT: 5.787 min Scan# 991

Delta R.T. 0.013 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 127213

Ion Ratio Lower Upper

62 100

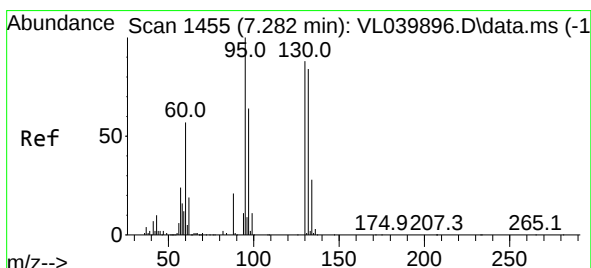
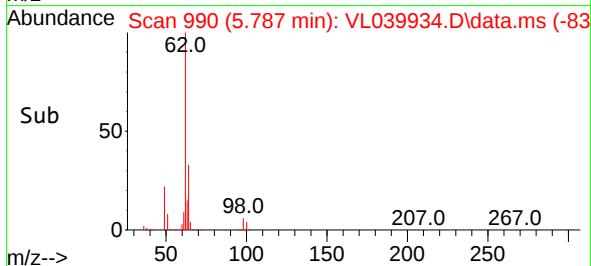
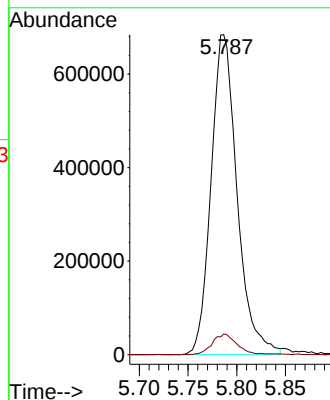
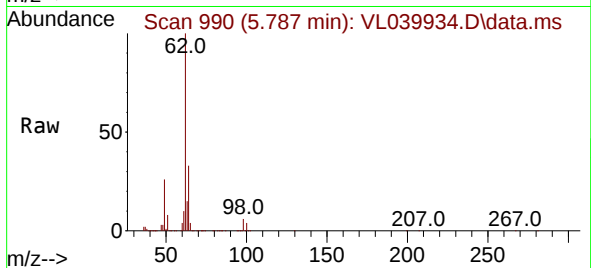
98 6.4 5.0 7.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#38

Trichloroethene

Concen: 8.172 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.013 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Tgt Ion:130 Resp: 1072157

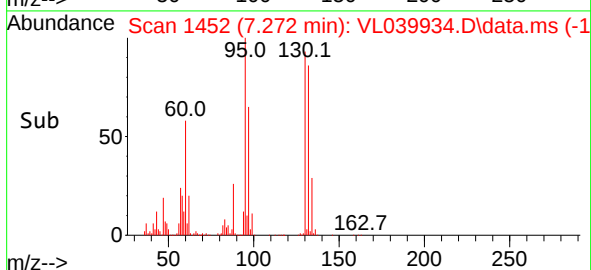
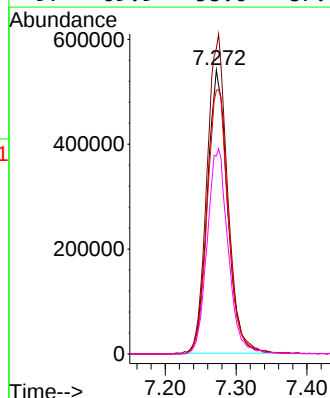
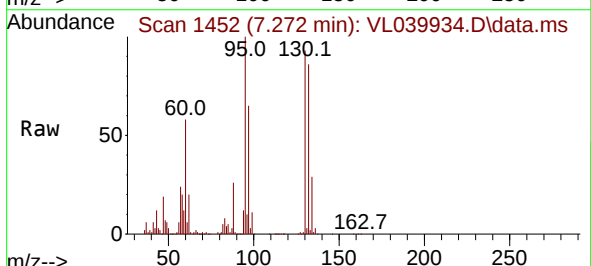
Ion Ratio Lower Upper

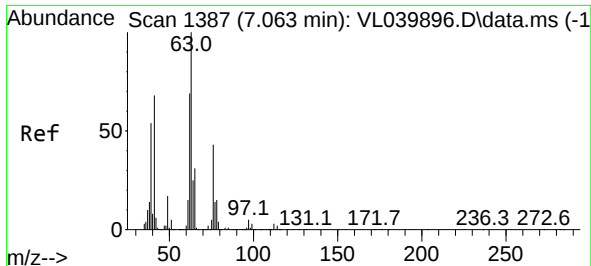
130 100

95 107.8 90.6 135.8

132 93.0 76.2 114.4

97 69.9 58.0 87.0





#39

1,2-Dichloropropane

Concen: 9.733 ppbv

RT: 7.057 min Scan# 1451

Delta R.T. 0.016 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 890029

Ion Ratio Lower Upper

63 100

41 70.1 54.7 82.1

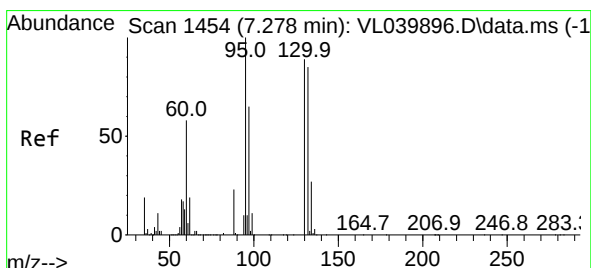
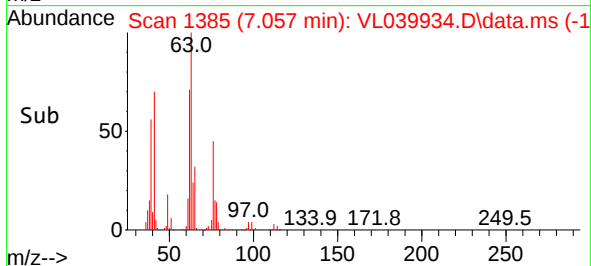
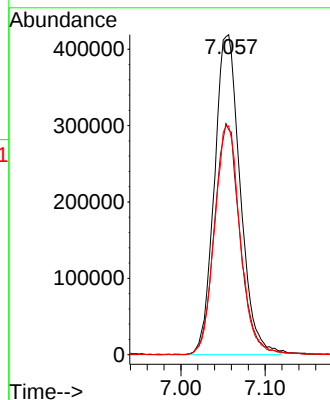
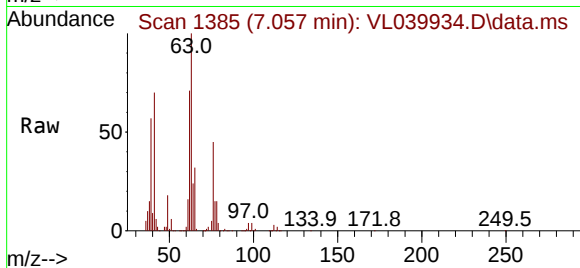
62 71.4 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#40

1,4-Dioxane

Concen: 9.543 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.013 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Tgt Ion: 88 Resp: 347653

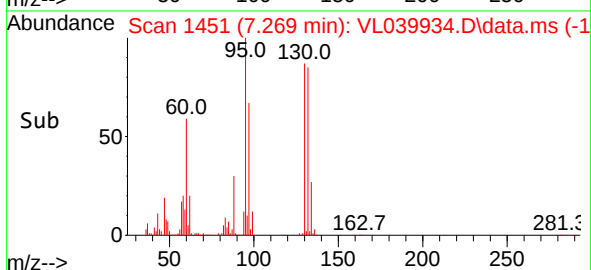
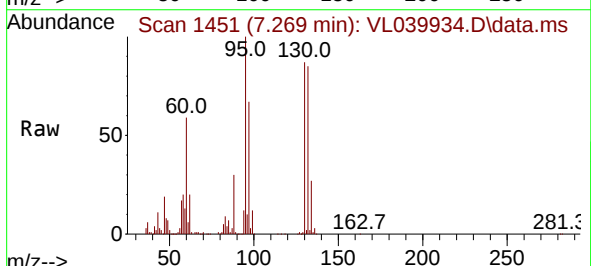
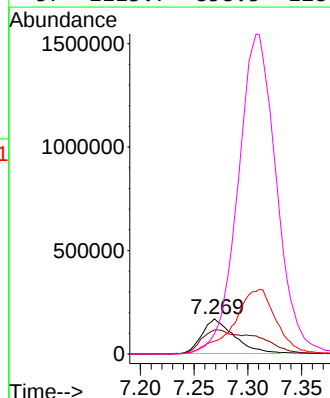
Ion Ratio Lower Upper

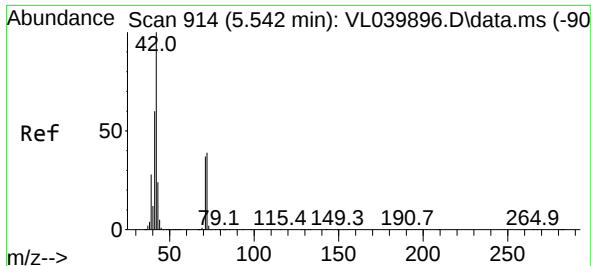
88 100

58 125.5 100.5 150.7

43 248.7 195.8 293.8

57 1113.7 858.5 1287.7





#41

Tetrahydrofuran

Concen: 10.256 ppbv

RT: 5.536 min Scan# 914

Delta R.T. 0.013 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

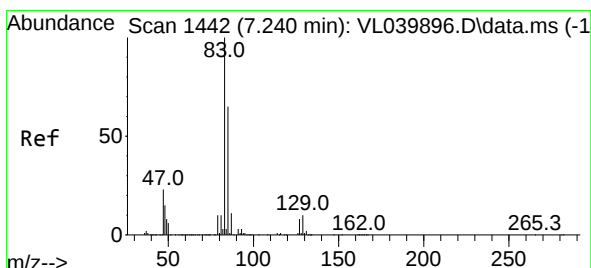
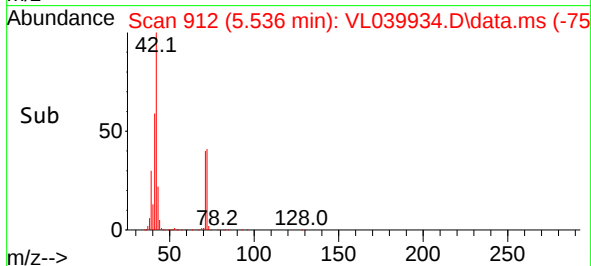
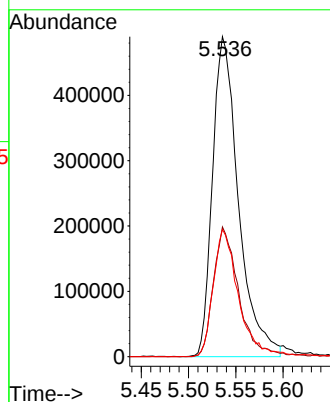
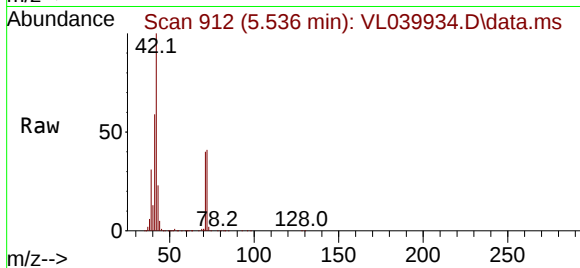
Tgt Ion: 42 Resp: 93554

Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.6	47.4
71	39.2	31.2	46.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#42

Bromodichloromethane

Concen: 10.682 ppbv

RT: 7.234 min Scan# 1440

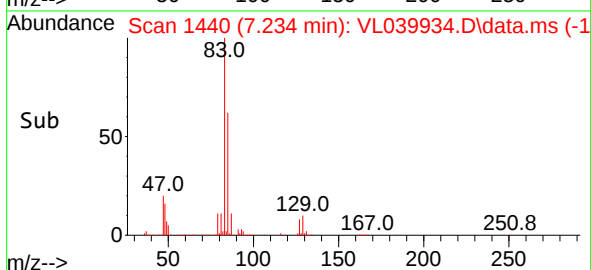
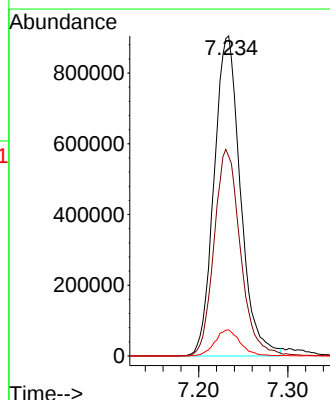
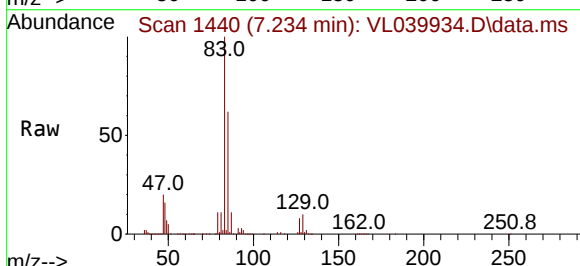
Delta R.T. 0.016 min

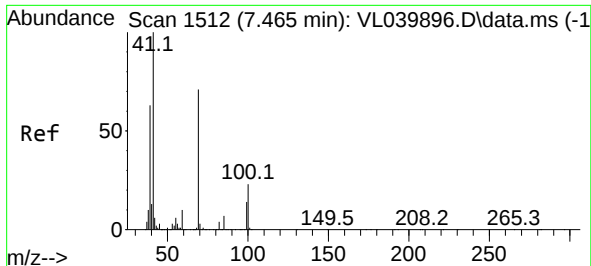
Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Tgt Ion: 83 Resp: 1863370

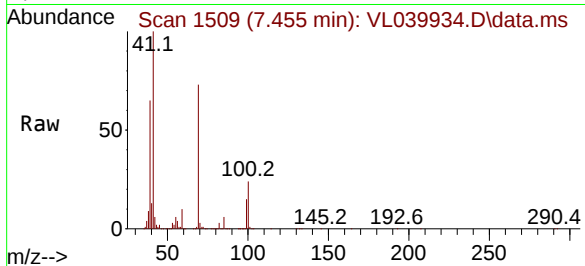
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.0	78.0
127	8.1	6.5	9.7





#43
Methyl Methacrylate
Concen: 10.829 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

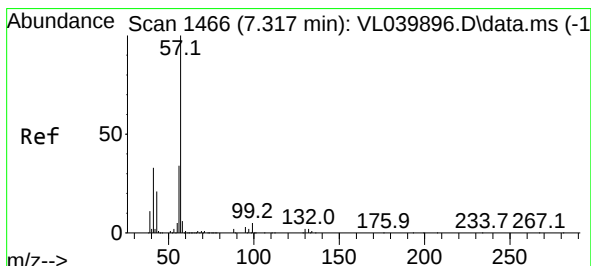
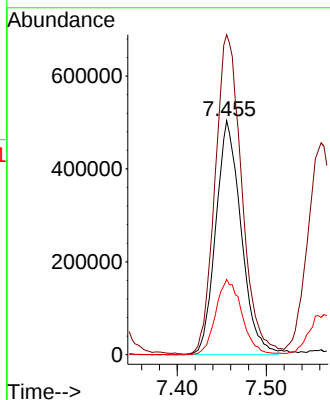
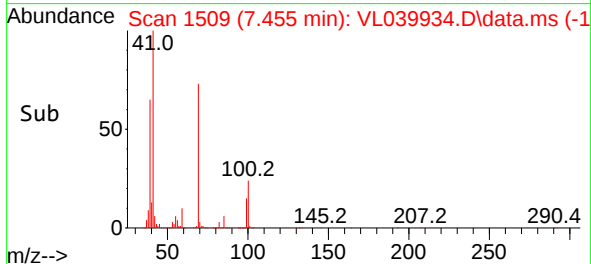
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 996509
Ion Ratio Lower Upper
69 100
41 144.0 116.4 174.6
100 33.2 26.8 40.2

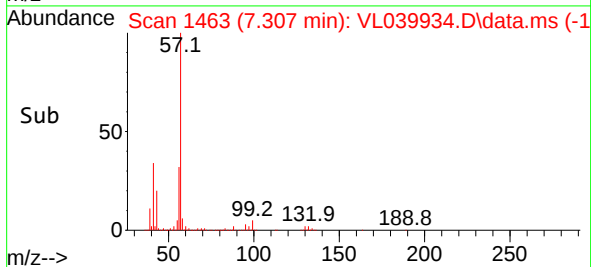
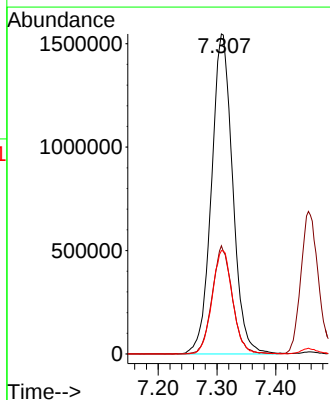
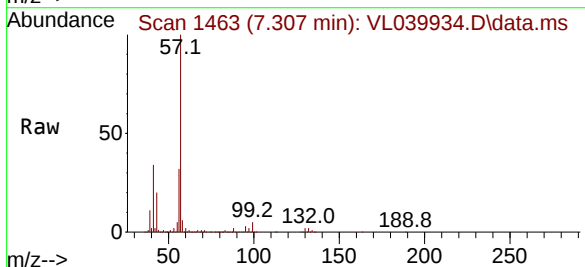
Manual Integrations
APPROVED

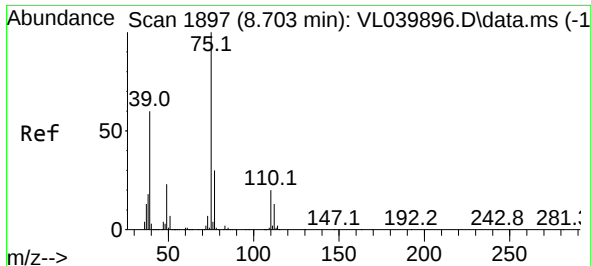
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#44
2,2,4-Trimethylpentane
Concen: 9.874 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

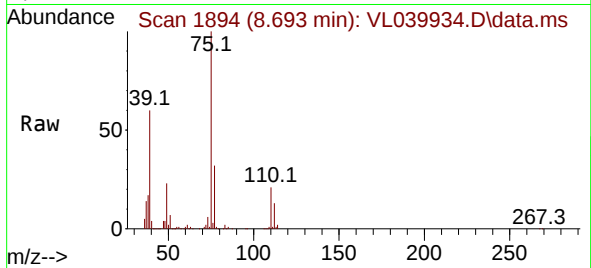
Tgt Ion: 57 Resp: 3868950
Ion Ratio Lower Upper
57 100
41 32.0 26.2 39.2
56 31.5 25.5 38.3





#45
 t-1,3-Dichloropropene
 Concen: 10.049 ppbv
 RT: 8.693 min Scan# 1897
 Delta R.T. 0.016 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

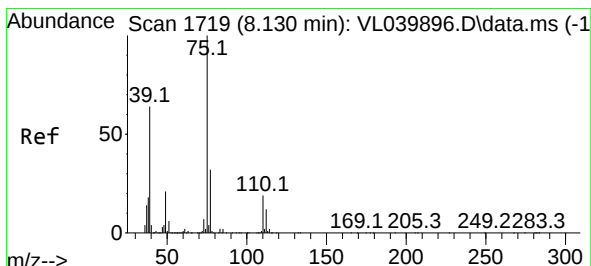
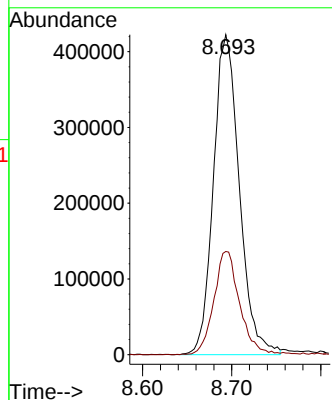
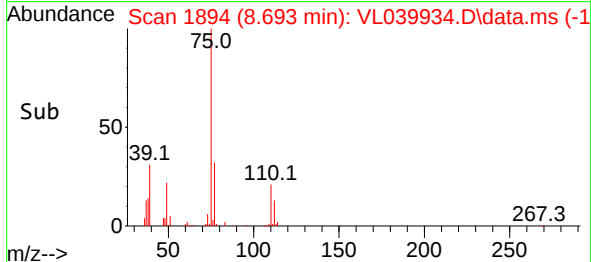
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 854349
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.2 36.4

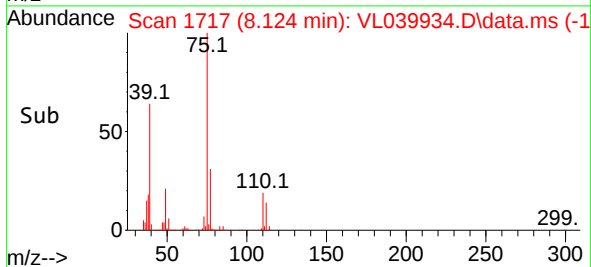
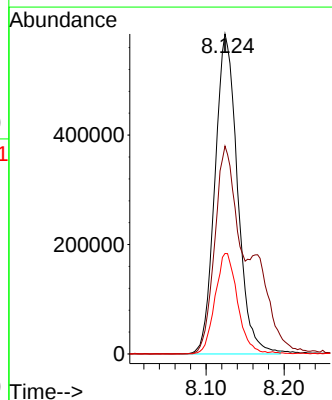
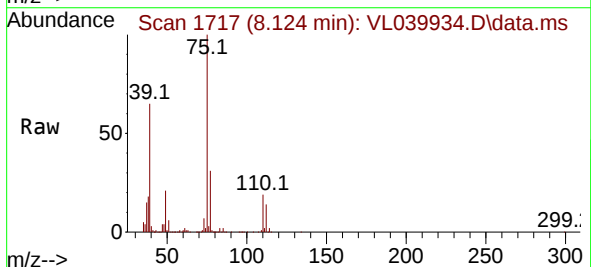
Manual Integrations
 APPROVED

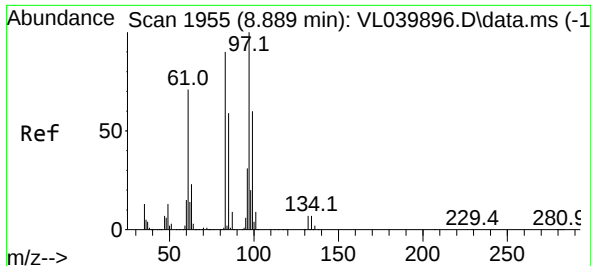
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#46
 cis-1,3-Dichloropropene
 Concen: 10.002 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. 0.013 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

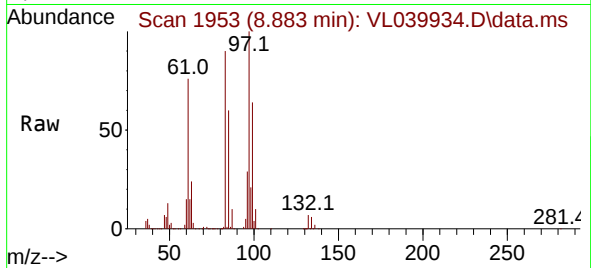
Tgt Ion: 75 Resp: 1178030
 Ion Ratio Lower Upper
 75 100
 39 64.9 51.0 76.4
 77 31.4 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 10.164 ppbv
RT: 8.883 min Scan# 1953
Delta R.T. 0.016 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

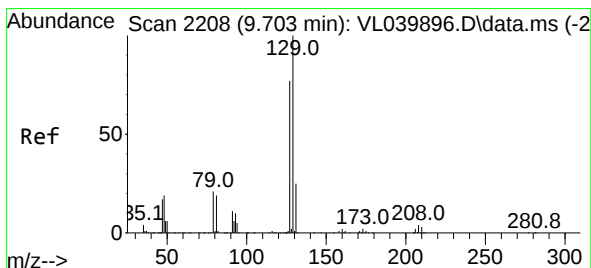
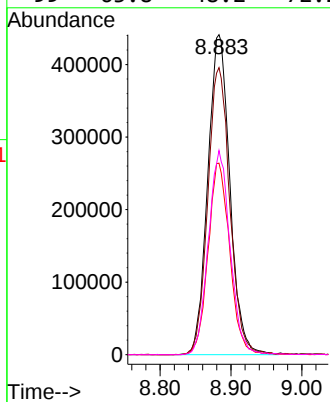
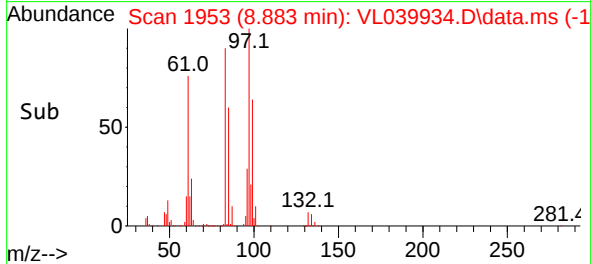
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



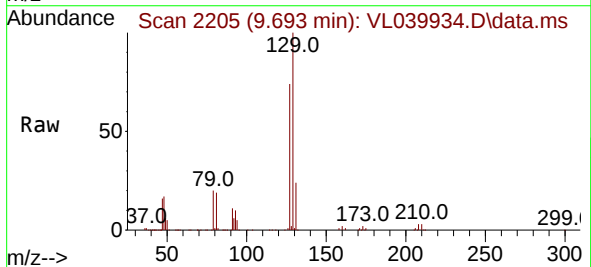
Tgt Ion: 97 Resp: 955290
Ion Ratio Lower Upper
97 100
83 89.6 72.1 108.1
85 59.8 47.2 70.8
99 63.8 48.2 72.2

Manual Integrations
APPROVED

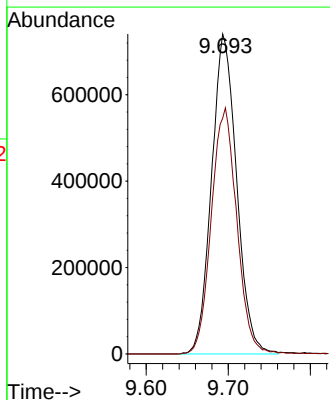
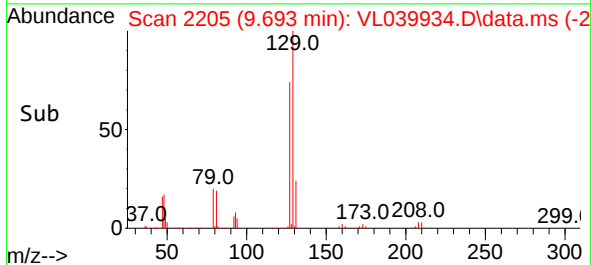
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

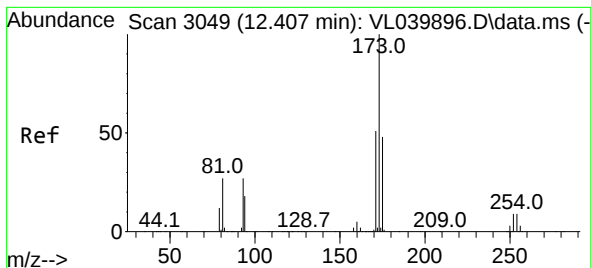


#48
Dibromochloromethane
Concen: 11.447 ppbv
RT: 9.693 min Scan# 2205
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08



Tgt Ion:129 Resp: 1575730
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3





#49

Bromoform

Concen: 11.583 ppbv

RT: 12.397 min Scan# 3049

Delta R.T. 0.013 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 129070

Ion Ratio Lower Upper

173 100

175 49.4 39.1 58.7

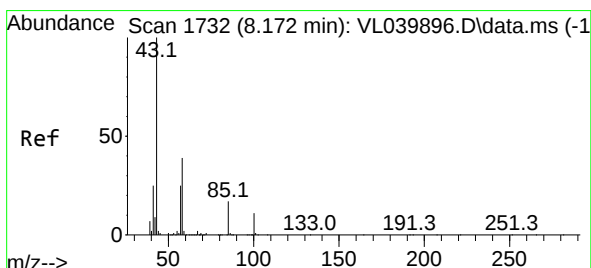
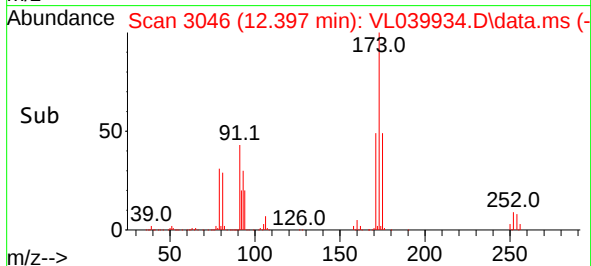
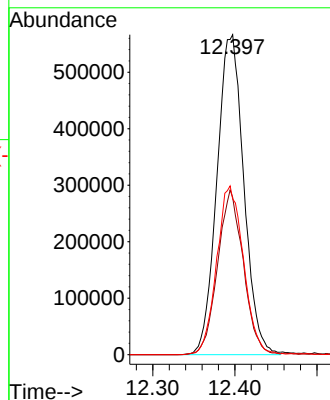
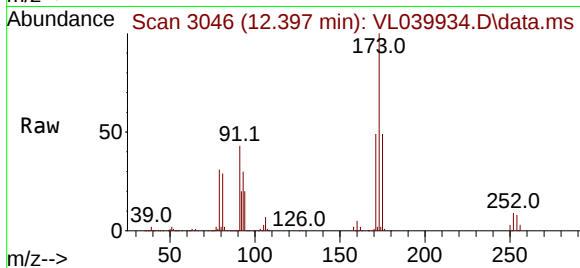
171 52.5 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#50

4-Methyl-2-Pentanone

Concen: 10.131 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. 0.016 min

Lab File: VL039934.D

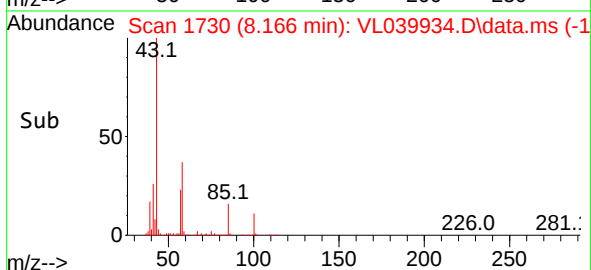
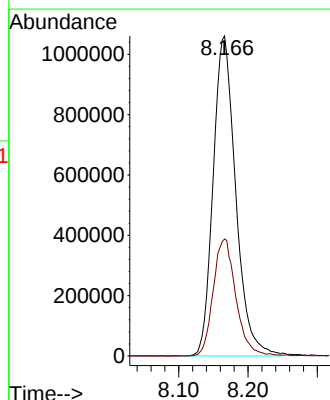
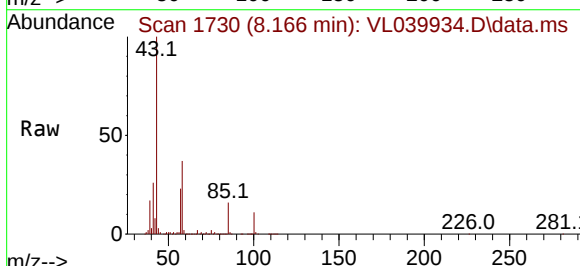
Acq: 23 Nov 2022 9:08

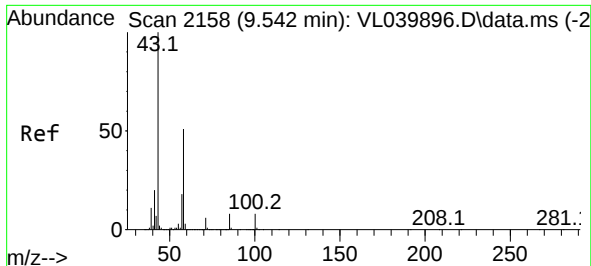
Tgt Ion: 43 Resp: 2397398

Ion Ratio Lower Upper

43 100

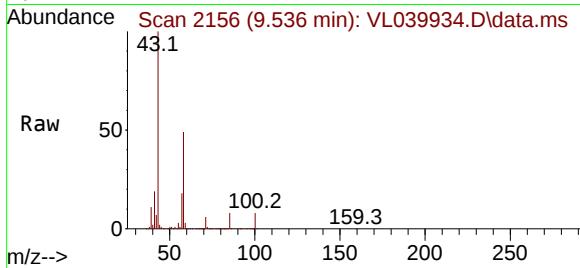
58 36.9 29.8 44.6





#51
2-Hexanone
Concen: 10.273 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

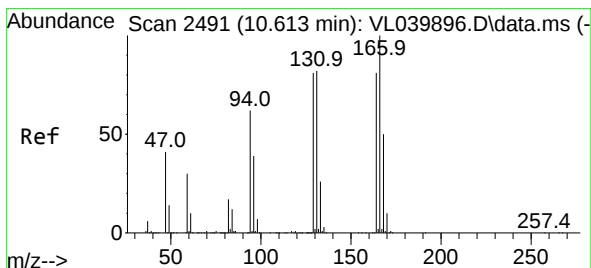
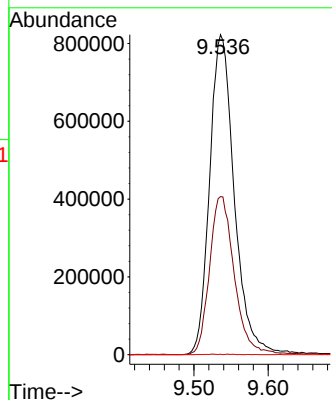
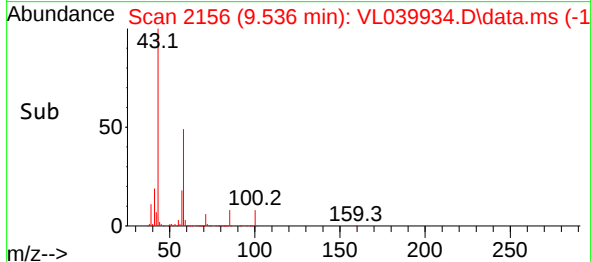
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1887214
Ion Ratio Lower Upper
43 100
58 50.3 40.2 60.4
98 0.1 0.1 0.1

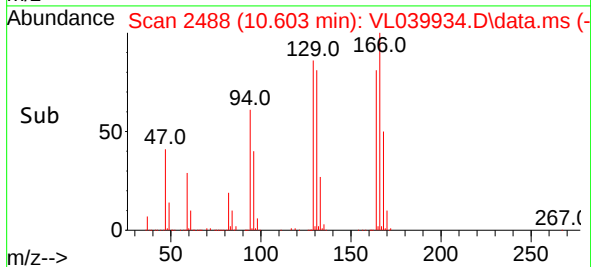
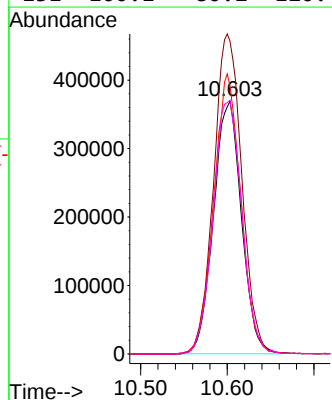
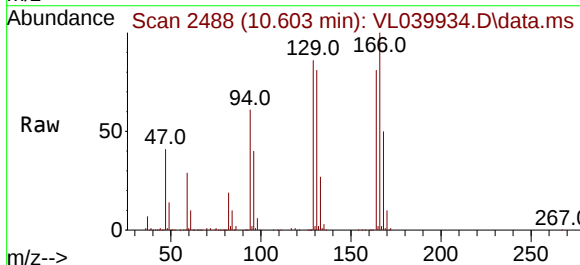
Manual Integrations
APPROVED

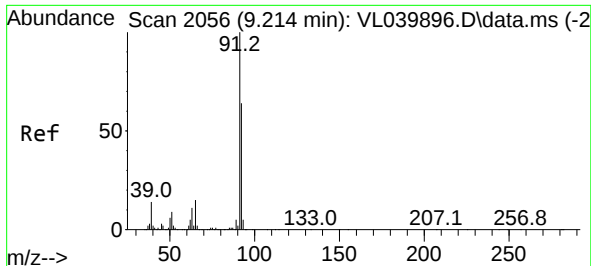
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#52
Tetrachloroethene
Concen: 9.383 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.016 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Tgt Ion:164 Resp: 823907
Ion Ratio Lower Upper
164 100
166 123.9 98.3 147.5
129 105.9 79.7 119.5
131 100.1 80.2 120.4





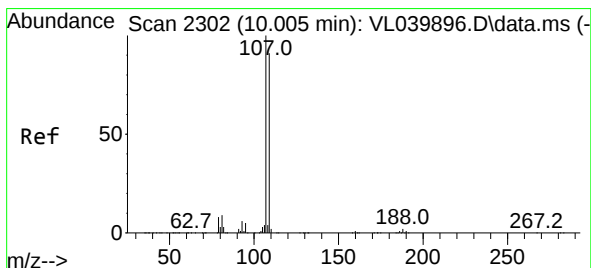
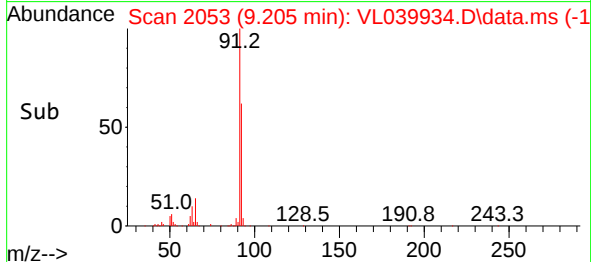
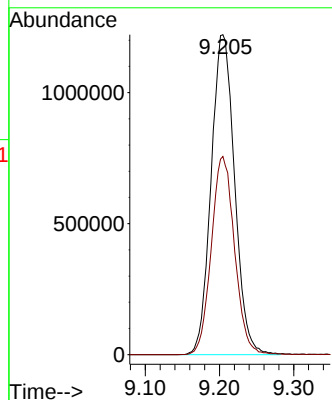
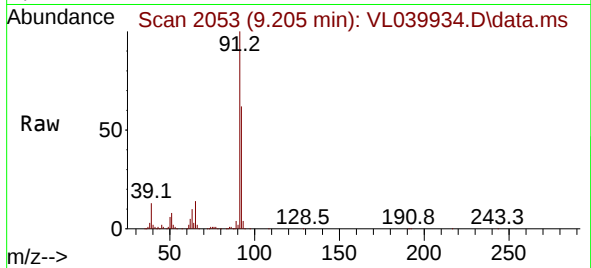
#53
Toluene
Concen: 10.039 ppbv
RT: 9.205 min Scan# 2056
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2684250
Ion Ratio Lower Upper
91 100
92 61.3 49.8 74.6

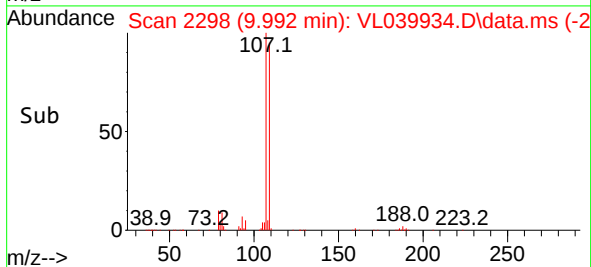
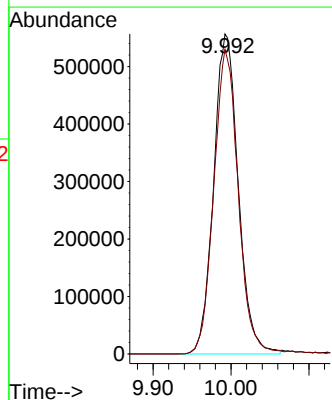
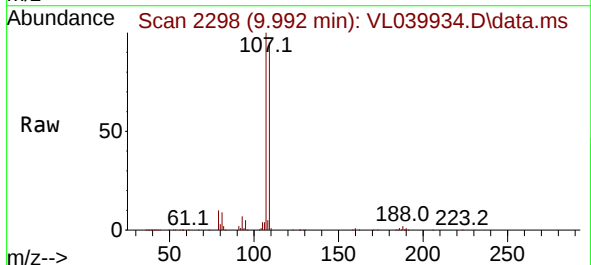
Manual Integrations
APPROVED

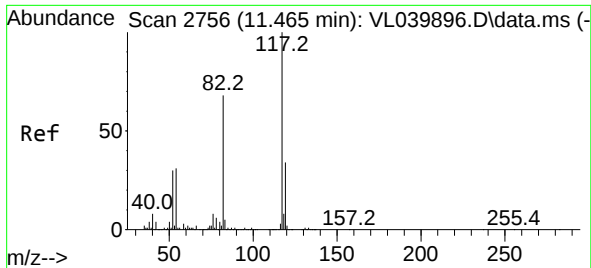
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#54
1,2-Dibromoethane
Concen: 12.176 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Tgt Ion:107 Resp: 1221249
Ion Ratio Lower Upper
107 100
109 95.1 72.8 109.2





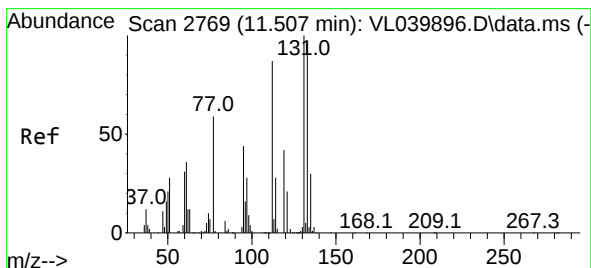
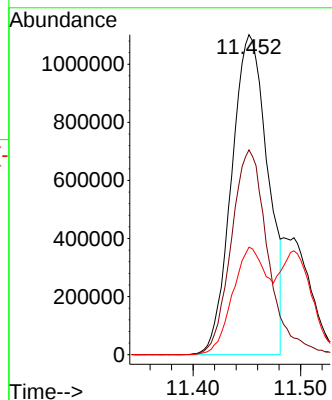
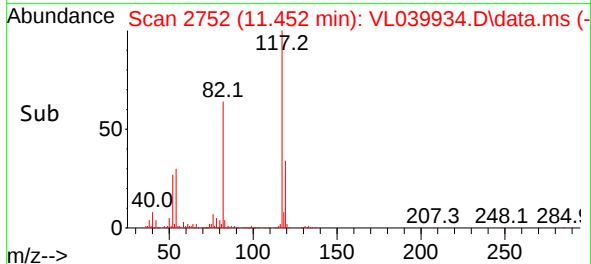
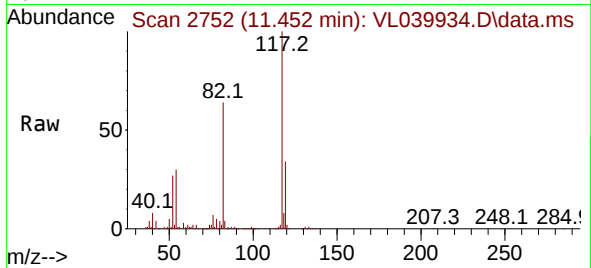
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2756
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2584034
Ion Ratio Lower Upper
117 100
82 65.6 52.3 78.5
119 28.6 25.7 38.5

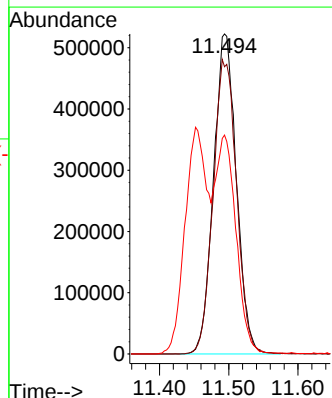
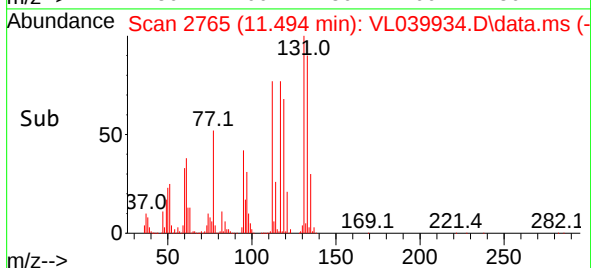
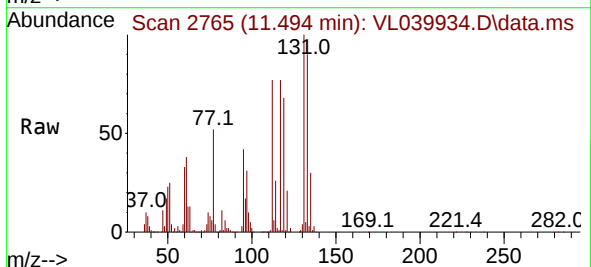
Manual Integrations
APPROVED

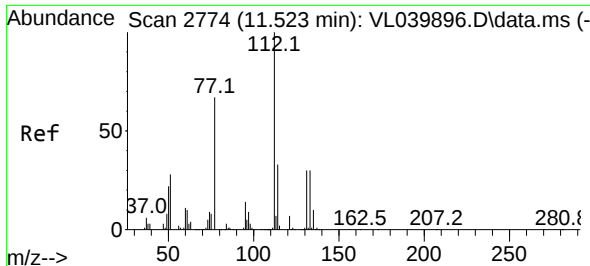
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 11.309 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

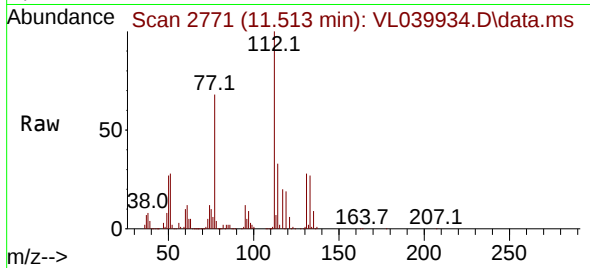
Tgt Ion:131 Resp: 1194494
Ion Ratio Lower Upper
131 100
133 95.0 76.7 115.1
119 63.5 46.6 69.8





#57
Chlorobenzene
Concen: 10.229 ppbv
RT: 11.513 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

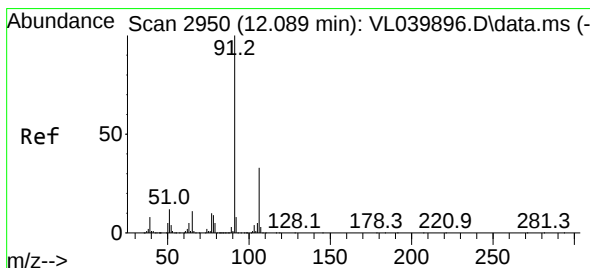
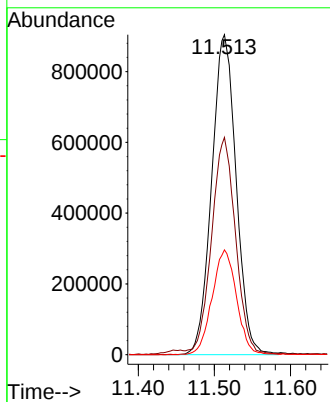
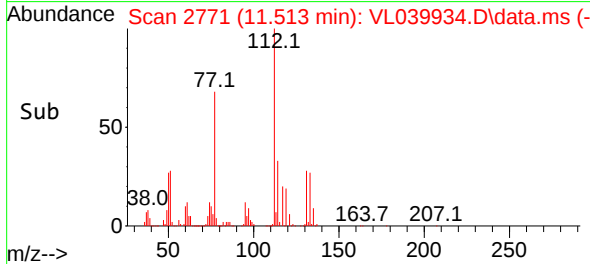
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 2020974
Ion Ratio Lower Upper
112 100
77 67.5 54.6 81.8
114 32.7 30.1 36.7

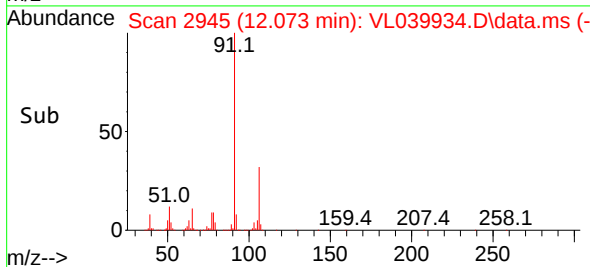
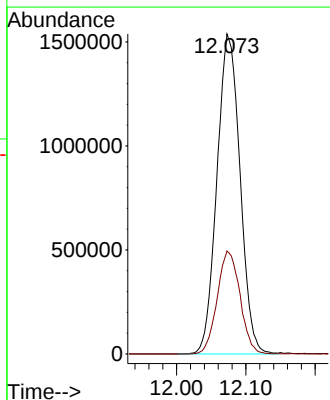
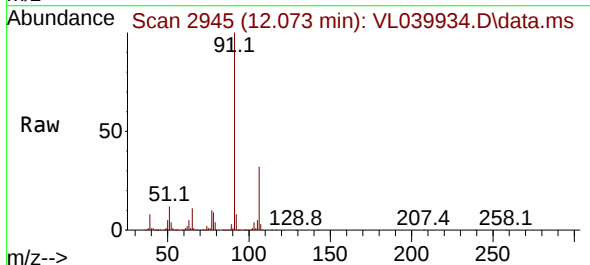
Manual Integrations
APPROVED

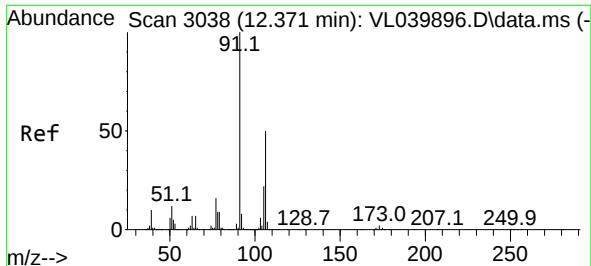
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#58
Ethyl Benzene
Concen: 10.162 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Tgt Ion: 91 Resp: 3562327
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1





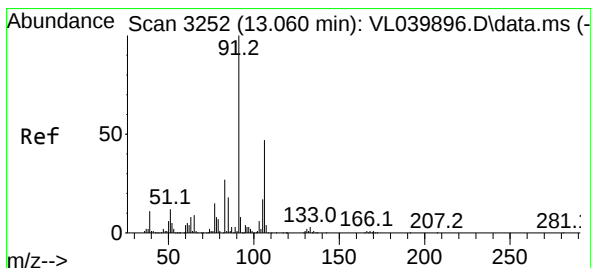
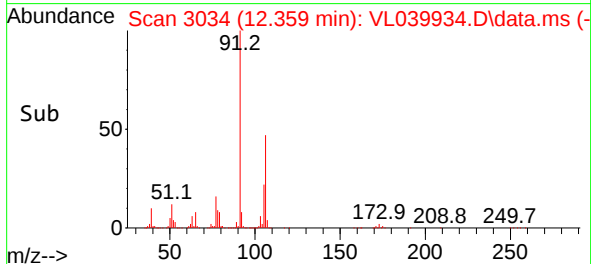
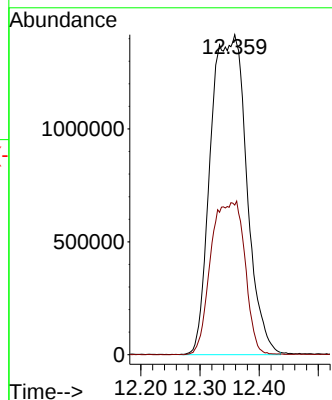
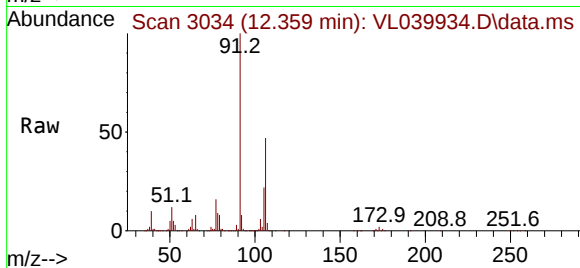
#59
m/p-Xylene
Concen: 20.316 ppbv m
RT: 12.359 min Scan# 3034
Delta R.T. 0.013 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5960909
Ion Ratio Lower Upper
91 100
106 45.1 37.0 55.6

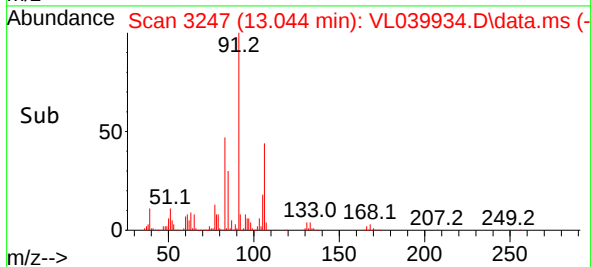
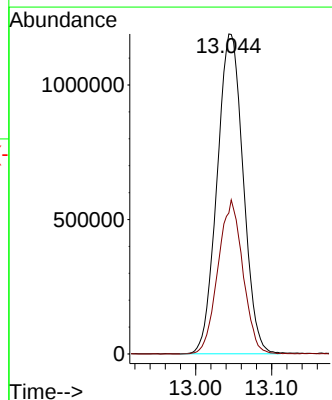
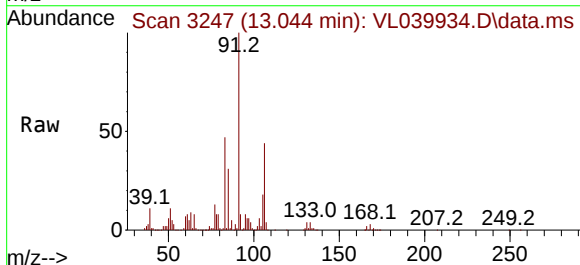
Manual Integrations
APPROVED

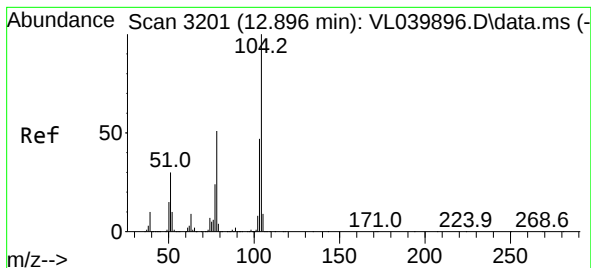
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#60
o-Xylene
Concen: 10.138 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. 0.006 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Tgt Ion: 91 Resp: 2836630
Ion Ratio Lower Upper
91 100
106 45.8 23.2 69.6





#61

Styrene

Concen: 10.515 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. 0.010 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 175620

Ion Ratio Lower Upper

104 100

78 50.9 41.8 62.8

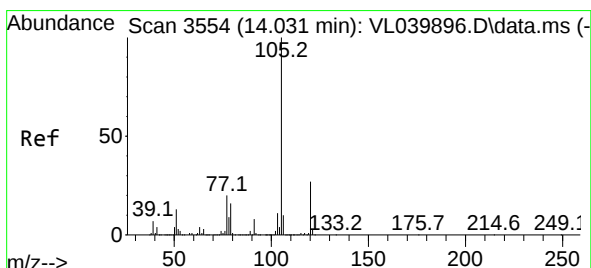
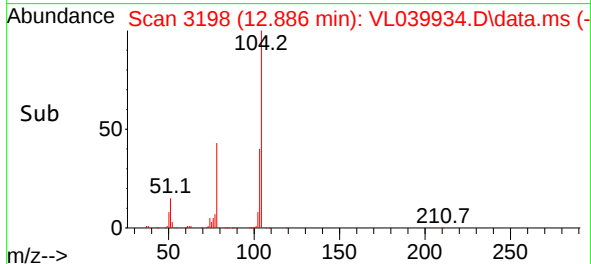
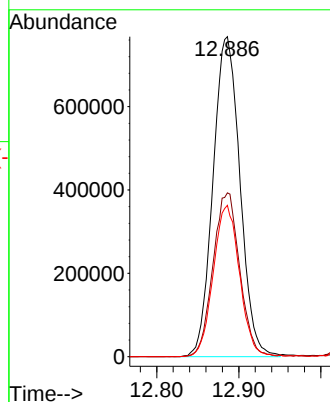
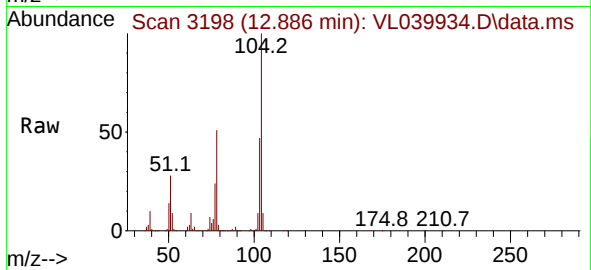
103 46.3 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#62

Isopropylbenzene

Concen: 10.822 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.010 min

Lab File: VL039934.D

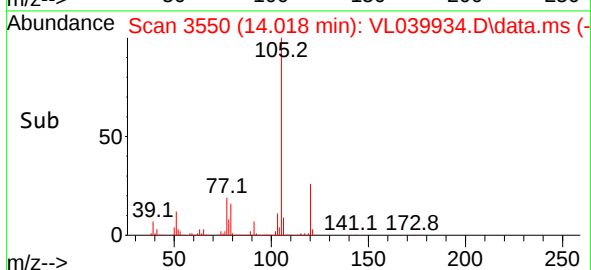
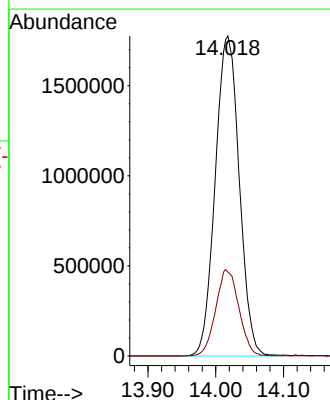
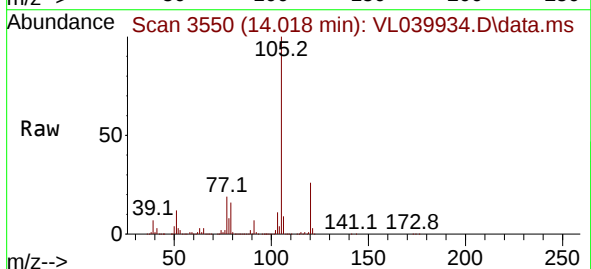
Acq: 23 Nov 2022 9:08

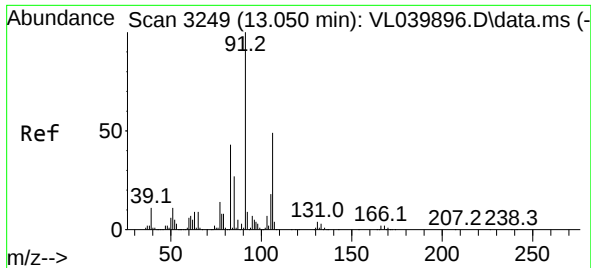
Tgt Ion:105 Resp: 4366569

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.2





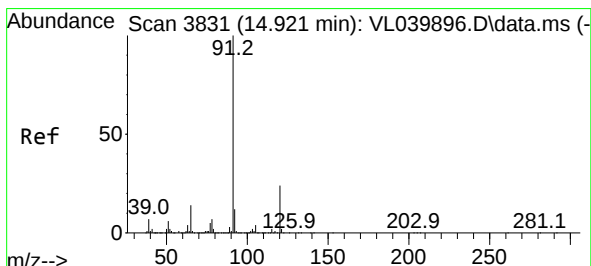
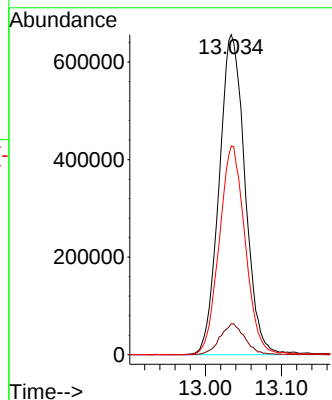
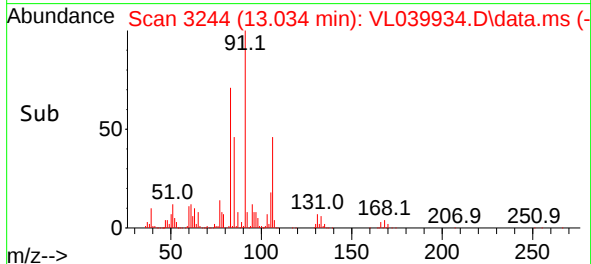
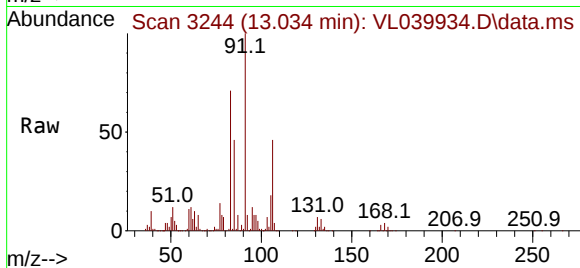
#63
1,1,2,2-Tetrachloroethane
Concen: 16.536 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 154500
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 66.0 33.0 99.0

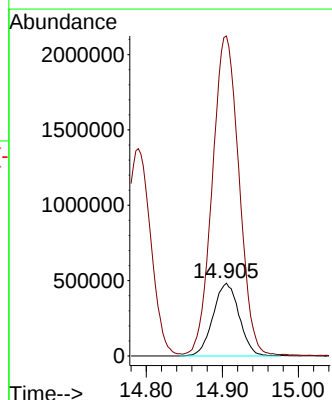
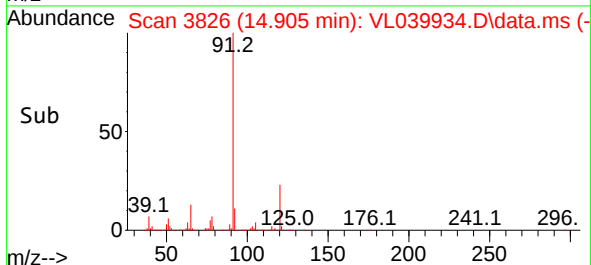
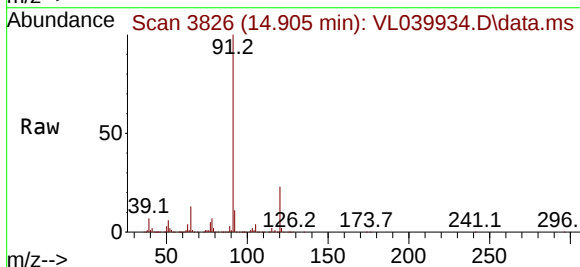
Manual Integrations
APPROVED

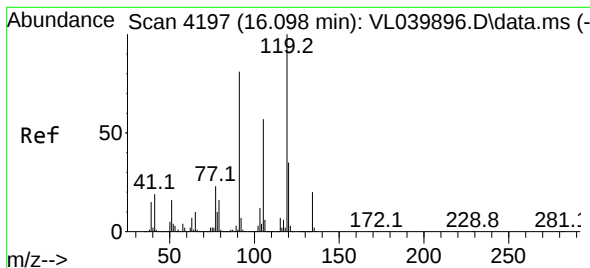
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#64
n-propylbenzene
Concen: 10.890 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

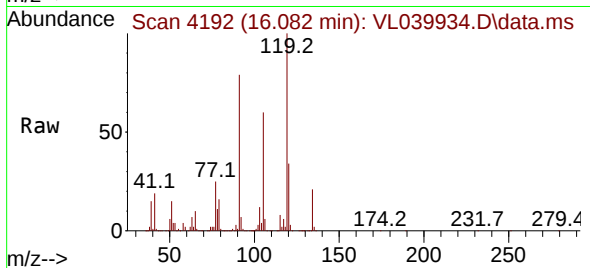
Tgt Ion:120 Resp: 1149520
Ion Ratio Lower Upper
120 100
91 453.8 353.7 530.5





#65
tert-Butylbenzene
Concen: 10.728 ppbv
RT: 16.082 min Scan# 4197
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

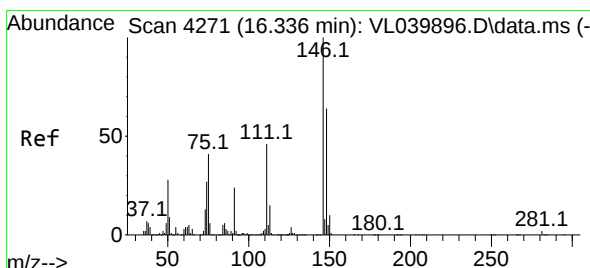
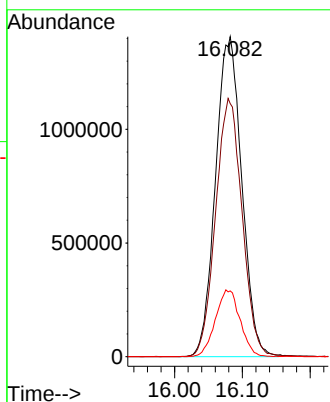
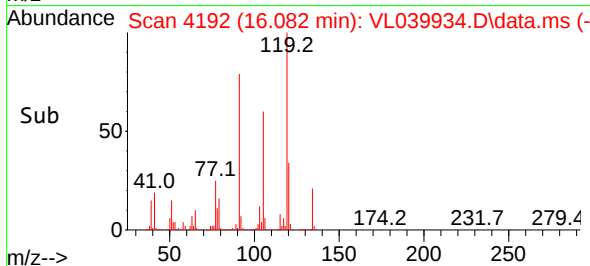
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



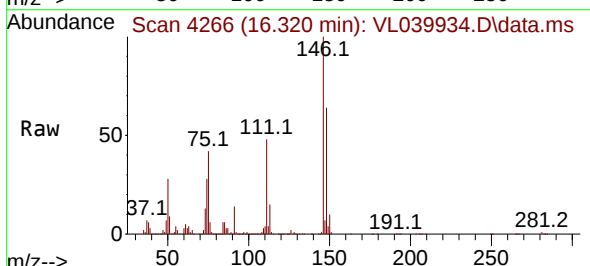
Tgt Ion: 119 Resp: 3786918
Ion Ratio Lower Upper
119 100
91 81.4 65.8 98.8
134 19.7 16.1 24.1

Manual Integrations
APPROVED

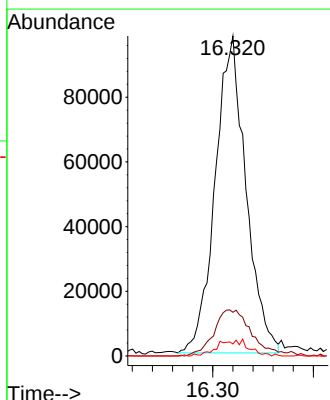
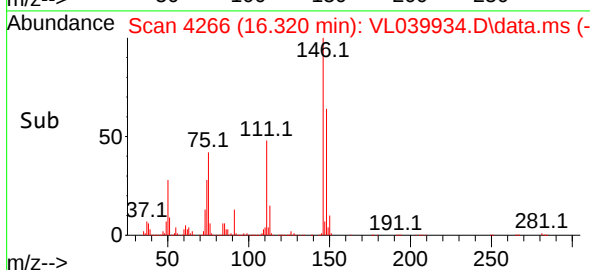
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

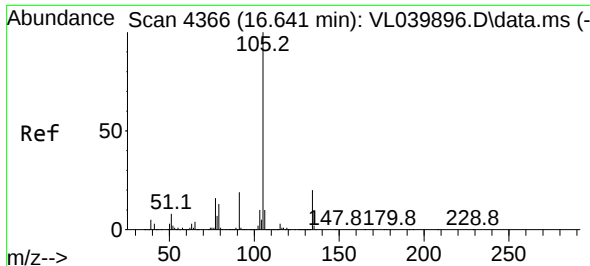


#66
Benzyl Chloride
Concen: 6.877 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08



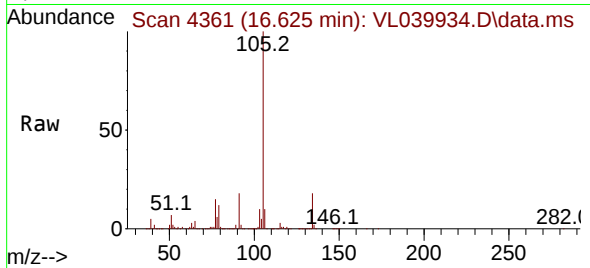
Tgt Ion: 91 Resp: 208023
Ion Ratio Lower Upper
91 100
126 18.1 15.0 22.6
128 5.2 4.6 7.0





#67
 sec-Butylbenzene
 Concen: 10.935 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

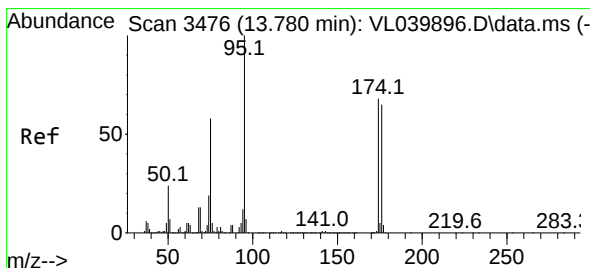
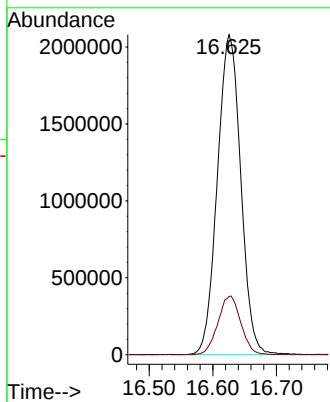
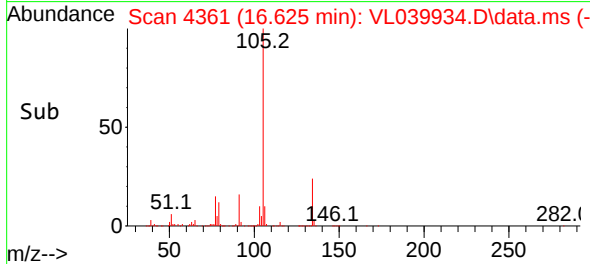
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 5307000
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.0 22.6

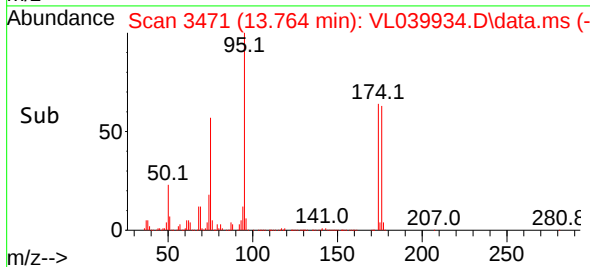
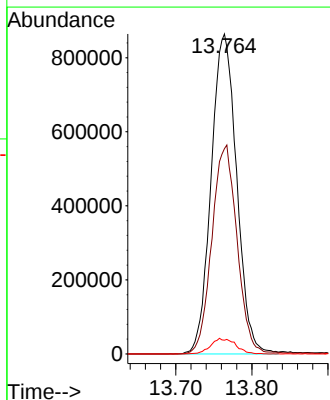
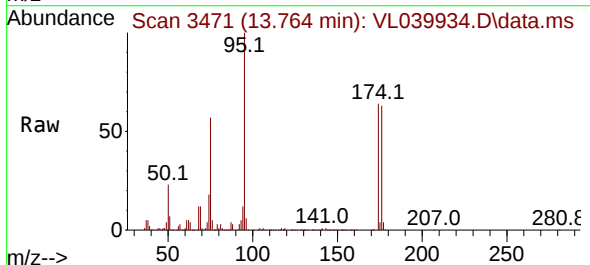
Manual Integrations
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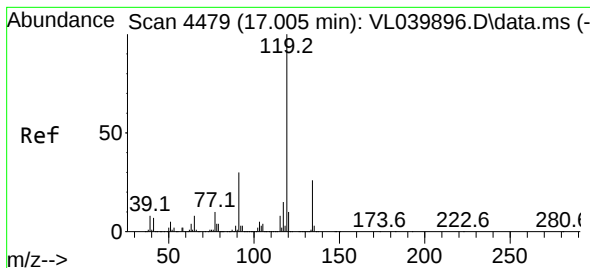
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.197 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.010 min
 Lab File: VL039934.D
 Acq: 23 Nov 2022 9:08

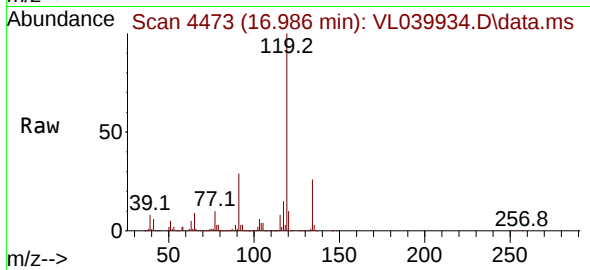
Tgt Ion: 95 Resp: 2012564
 Ion Ratio Lower Upper
 95 100
 174 64.8 53.7 80.5
 175 4.8 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.871 ppbv
RT: 16.986 min Scan# 4479
Delta R.T. 0.006 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

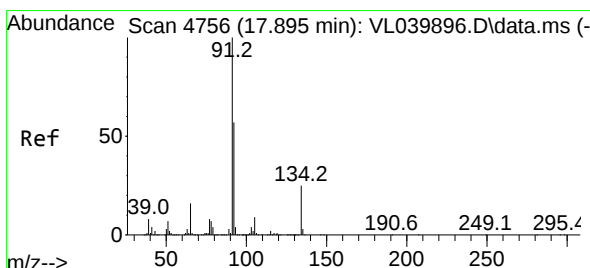
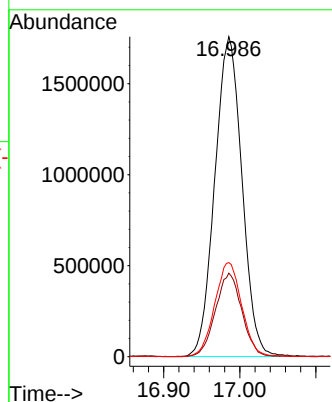
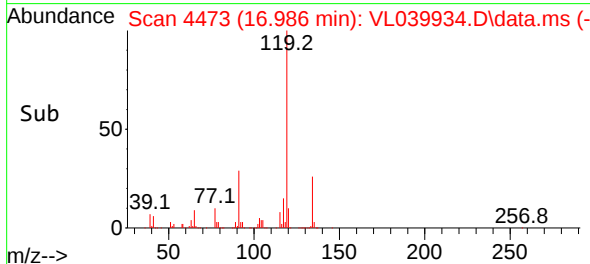
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



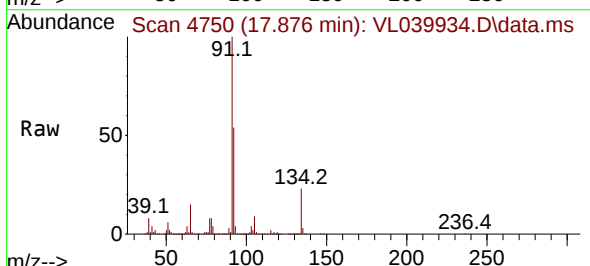
Tgt Ion:119 Resp: 4346158
Ion Ratio Lower Upper
119 100
134 25.6 21.0 31.4
91 29.5 24.4 36.6

Manual Integrations
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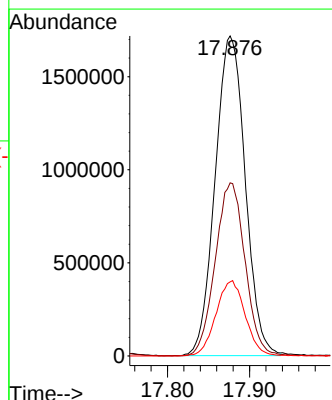
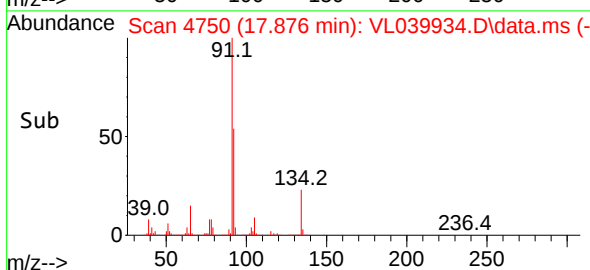
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

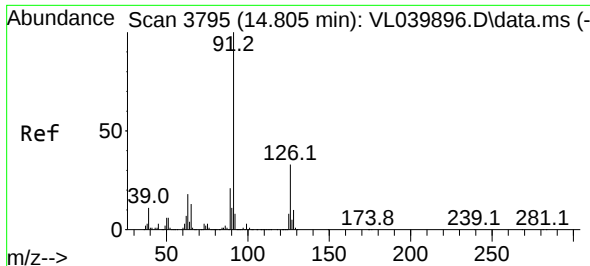


#70
n-Butylbenzene
Concen: 11.056 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08



Tgt Ion: 91 Resp: 4382395
Ion Ratio Lower Upper
91 100
92 53.7 44.2 66.2
134 23.0 18.8 28.2





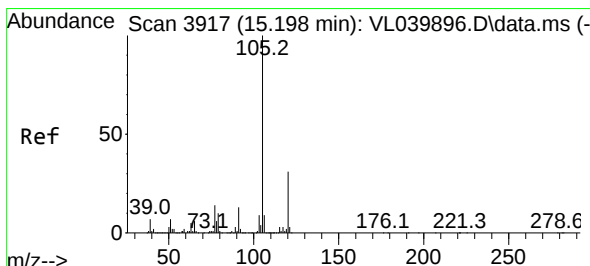
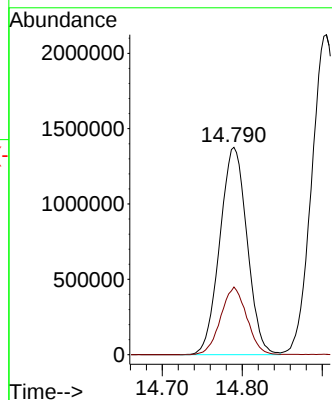
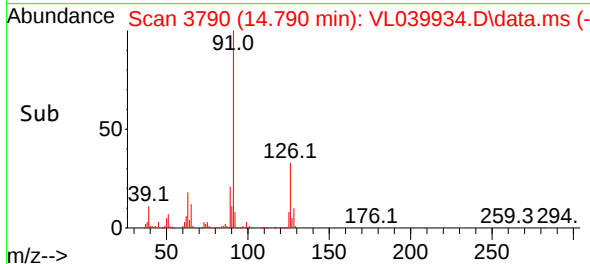
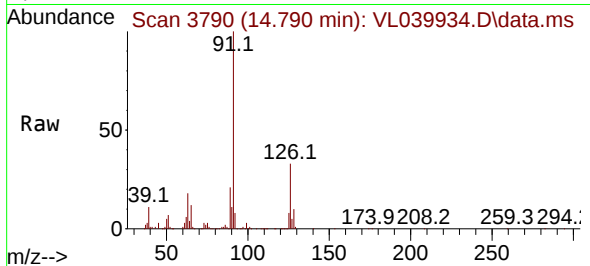
#71
2-Chlorotoluene
Concen: 10.653 ppbv
RT: 14.790 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3258219
Ion Ratio Lower Upper
91 100
126 31.4 12.8 51.0

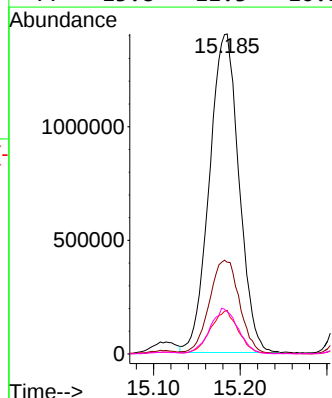
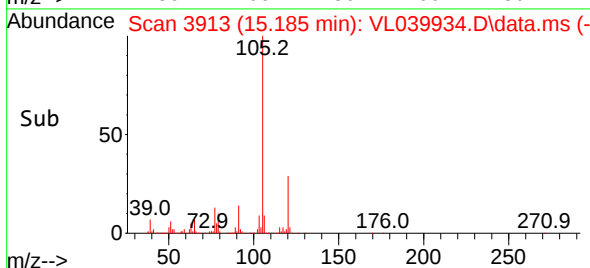
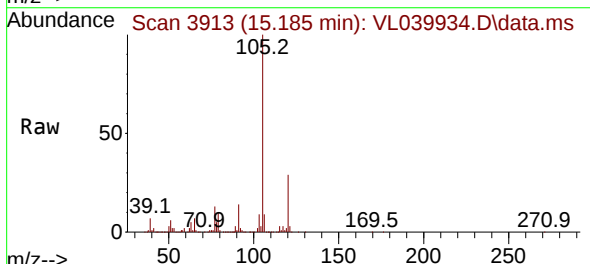
Manual Integrations
APPROVED

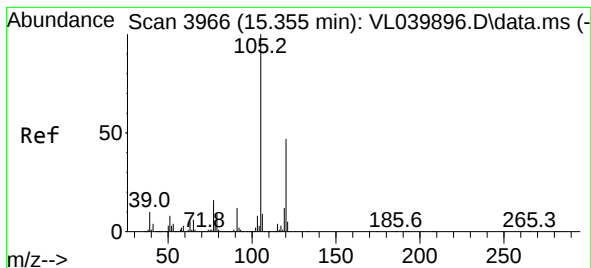
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#72
4-Ethyltoluene
Concen: 10.582 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Tgt Ion:105 Resp: 3328184
Ion Ratio Lower Upper
105 100
120 30.3 24.5 36.7
91 13.7 10.4 15.6
77 13.8 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 10.458 ppbv

RT: 15.343 min Scan# 3966

Delta R.T. 0.010 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 3010972

Ion Ratio Lower Upper

105 100

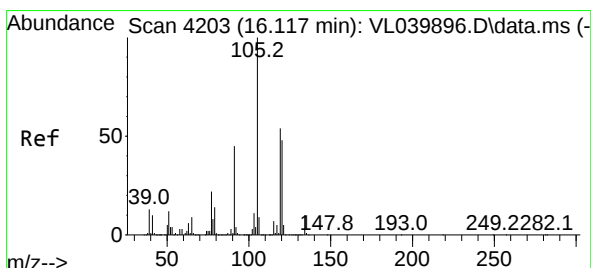
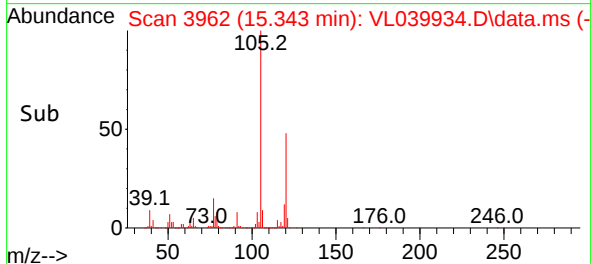
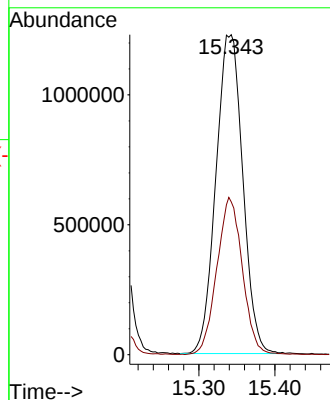
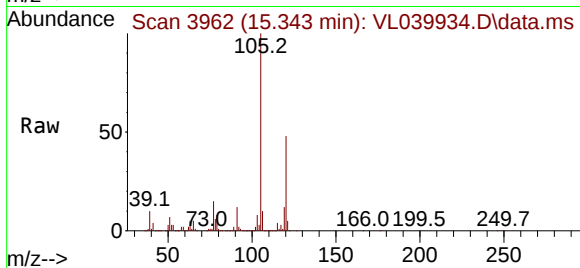
120 47.8 37.9 56.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/23/2022

Supervised By :Mahesh Dadoda 11/24/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.445 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.006 min

Lab File: VL039934.D

Acq: 23 Nov 2022 9:08

Tgt Ion:105 Resp: 3183884

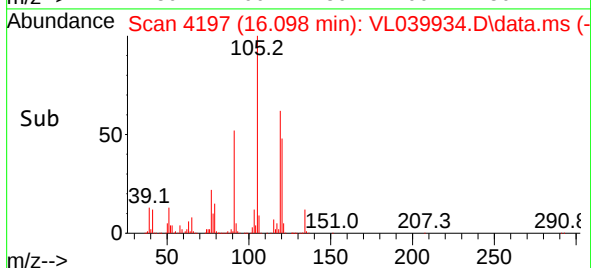
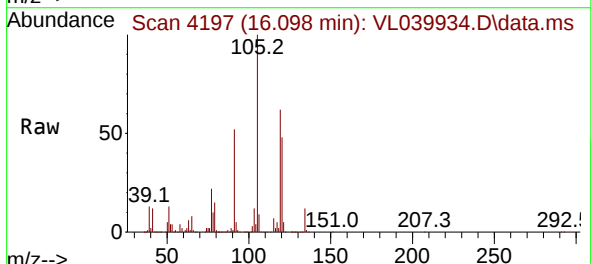
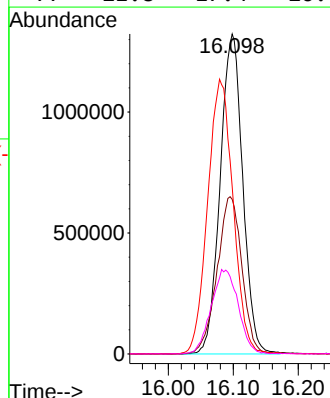
Ion Ratio Lower Upper

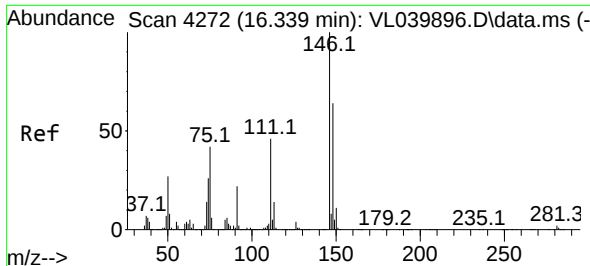
105 100

120 48.2 38.7 58.1

91 52.2 36.4 54.6

77 21.8 17.4 26.0





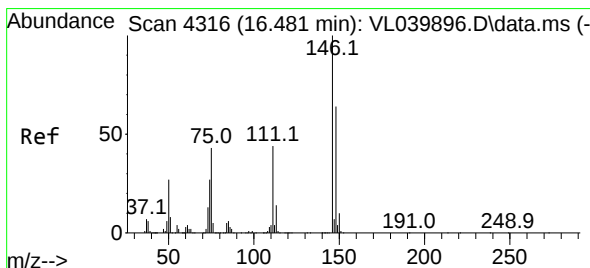
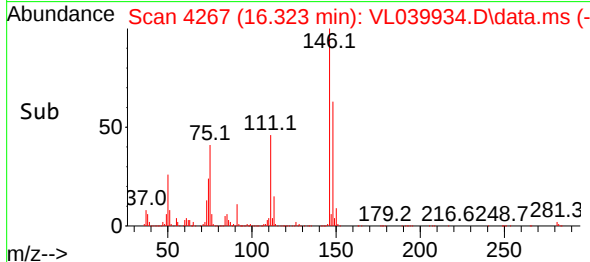
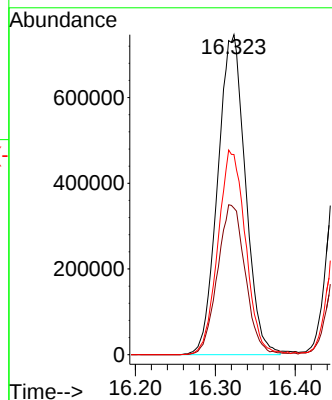
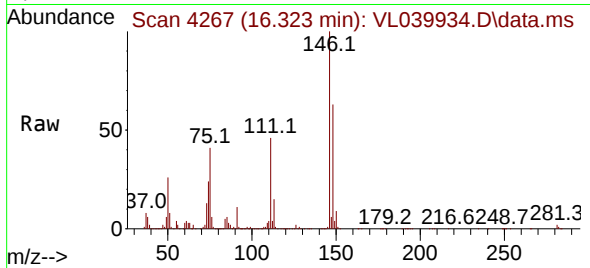
#75
1,3-Dichlorobenzene
Concen: 10.450 ppbv
RT: 16.323 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1792109
Ion Ratio Lower Upper
146 100
111 47.1 23.3 69.9
148 64.1 32.2 96.6

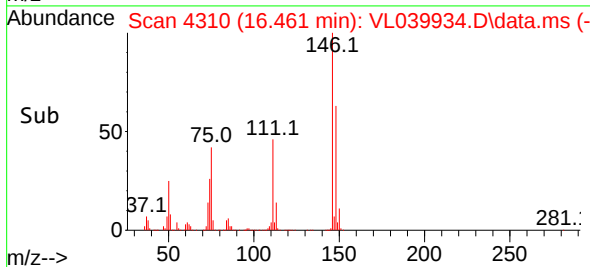
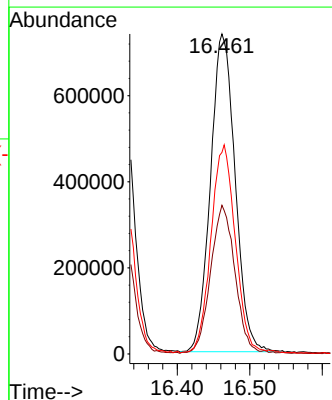
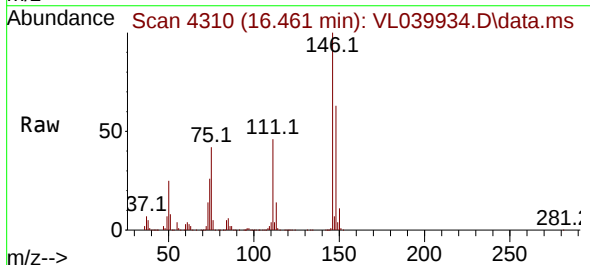
Manual Integrations
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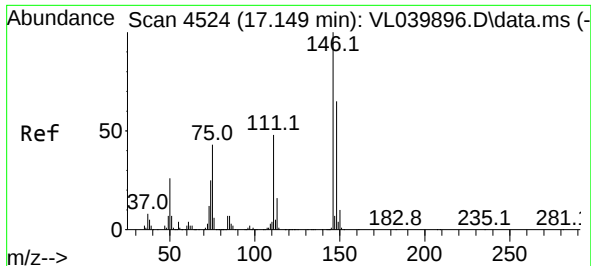
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#76
1,4-Dichlorobenzene
Concen: 10.240 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

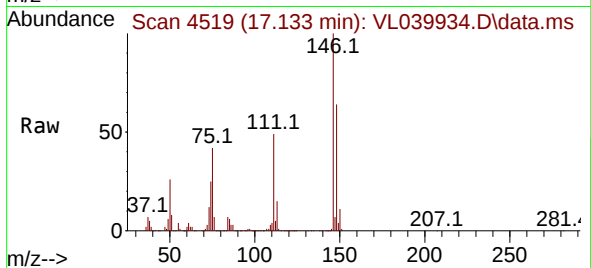
Tgt Ion:146 Resp: 1740941
Ion Ratio Lower Upper
146 100
111 46.8 22.4 67.3
148 65.3 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 10.479 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. 0.003 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

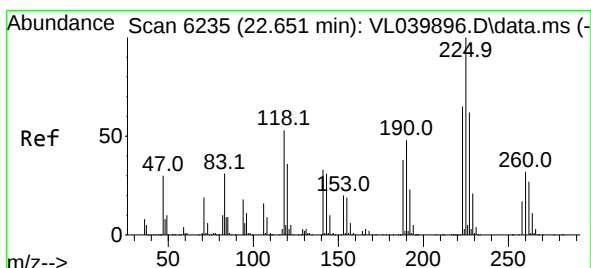
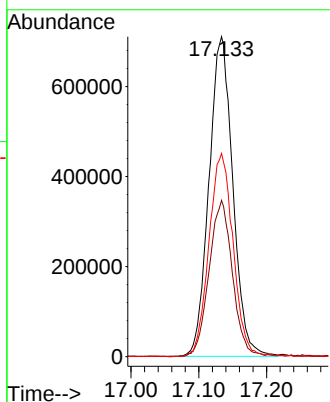
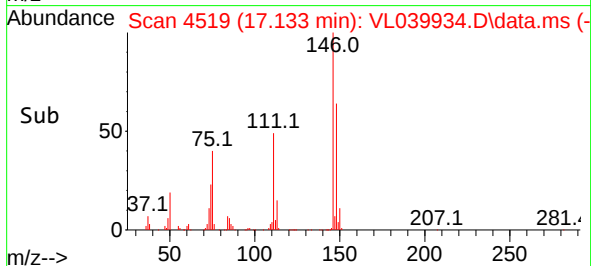
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



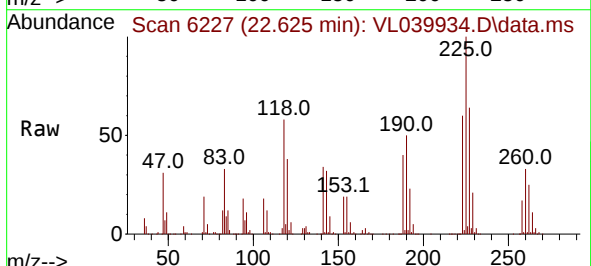
Tgt Ion:146 Resp: 1732629
Ion Ratio Lower Upper
146 100
111 48.0 24.1 72.3
148 64.5 32.4 97.2

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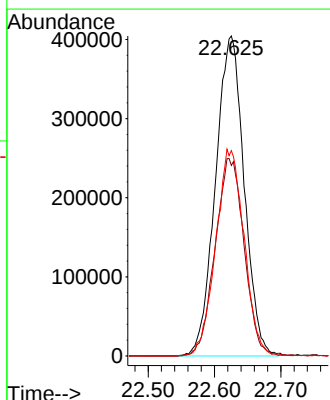
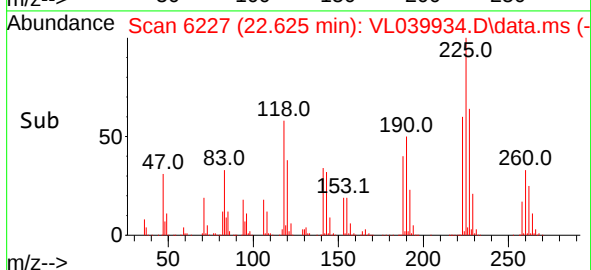
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

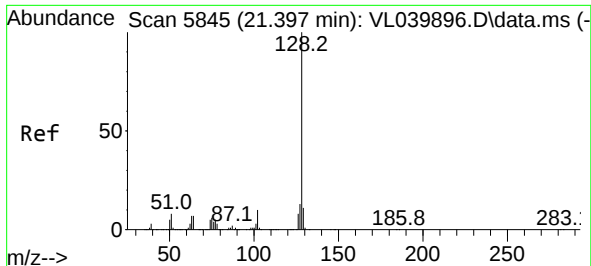


#78
Hexachloro-1,3-Butadiene
Concen: 10.590 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.000 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08



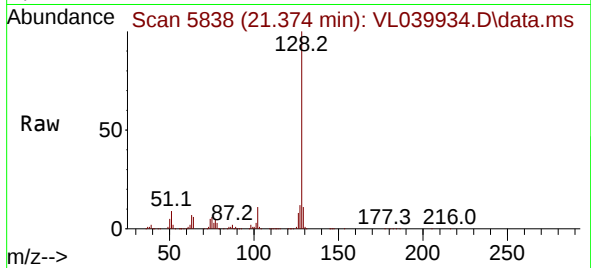
Tgt Ion:225 Resp: 1214921
Ion Ratio Lower Upper
225 100
223 62.4 50.7 76.1
227 64.2 50.8 76.2





#79
Naphthalene
Concen: 13.313 ppbv
RT: 21.374 min Scan# 5845
Delta R.T. 0.003 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

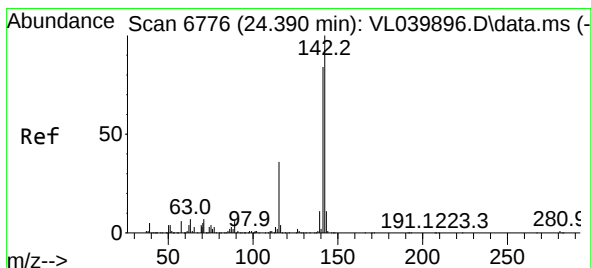
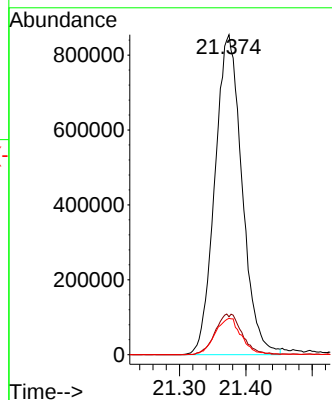
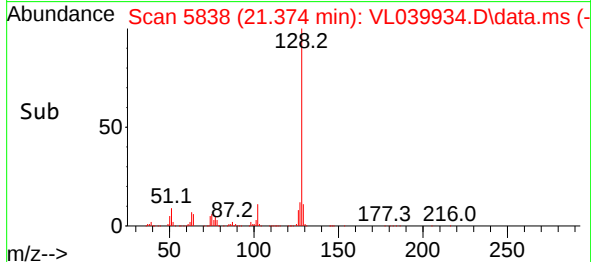
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 242869
Ion Ratio Lower Upper
128 100
127 11.9 10.0 15.0
129 11.3 8.8 13.2

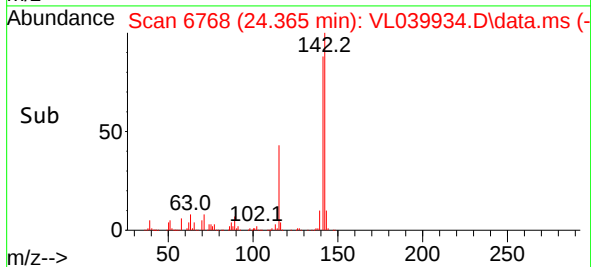
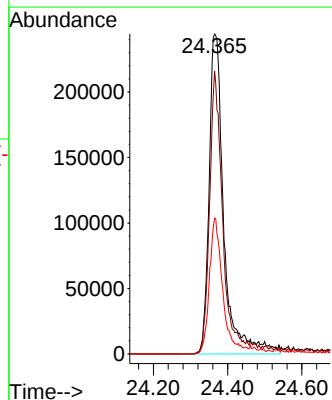
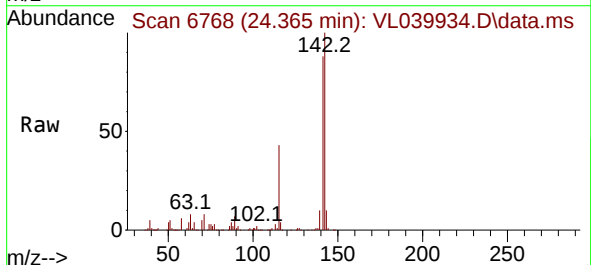
Manual Integrations
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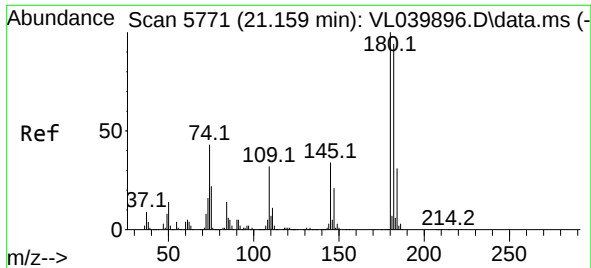
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#80
Naphthalene,2-methyl-
Concen: 13.152 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.003 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

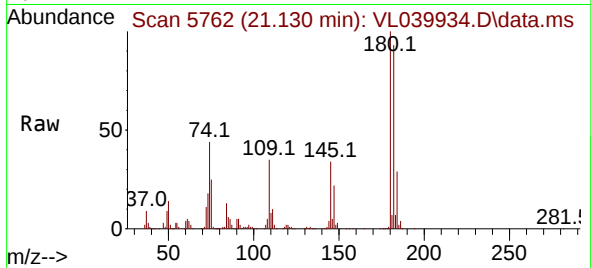
Tgt Ion:142 Resp: 674821
Ion Ratio Lower Upper
142 100
141 81.1 69.1 103.7
115 40.2 29.6 44.4





#81
1,2,4-Trichlorobenzene
Concen: 11.312 ppbv
RT: 21.130 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL039934.D
Acq: 23 Nov 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1274415
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.6
184 30.2 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

