

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039834.D
 Acq On : 7 Nov 2022 10:59
 Operator : SY/AP
 Sample : VL1107ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/08/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 06:12:00 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

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

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1086817	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2893942	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2883379	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2172145 10.065 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.600%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.748	85	1215438m	6.624	ppbv
3) Chlorodifluoromethane	2.694	51	1218505	9.404	ppbv 97
4) Chloromethane	2.832	50	729935	9.048	ppbv 98
5) Vinyl Chloride	2.938	62	617100	9.448	ppbv 94
6) Bromomethane	3.134	94	214891	9.223	ppbv 99
7) Chloroethane	3.211	64	215302	8.796	ppbv 99
8) Dichlorotetrafluoroethane	2.874	85	1420878	9.086	ppbv 97
9) Propene	2.713	41	591606	8.764	ppbv 100
10) Heptane	7.578	43	1462603	9.044	ppbv 100
11) Trichlorofluoromethane	3.578	101	1456458	9.733	ppbv 100
12) 1,1,2-Trichlorotrifluo...	4.076	101	1014663	9.388	ppbv 99
13) Ethanol	3.256	45	40960m	8.585	ppbv
14) Bromoethene	3.382	108	474787	9.811	ppbv 99
15) Acetone	3.481	43	1001732	7.572	ppbv 99
16) 1,3-Butadiene	3.002	39	550283	8.945	ppbv 100
17) tert-Butyl alcohol	3.890	59	1135832	9.016	ppbv 98
18) 1,1-Dichloroethene	3.893	96	473359	9.552	ppbv 92
19) Isopropyl Alcohol	3.587	45	562738	8.595	ppbv # 32
20) Methylene Chloride	3.944	84	373786	7.898	ppbv 96
21) Allyl Chloride	4.009	41	720955	8.616	ppbv 99
22) trans-1,2-Dichloroethene	4.456	96	452204	8.991	ppbv 93
23) Vinyl Acetate	4.632	43	434125m	8.237	ppbv
24) 1,1-Dichloroethane	4.571	63	939540	8.728	ppbv 99
25) Ethyl Acetate	5.211	43	2523184	9.260	ppbv 99
26) Hexane	5.221	57	1095934	9.020	ppbv 97
27) Carbon Disulfide	4.134	76	1210646	9.489	ppbv 99
28) Methyl tert-Butyl Ether	4.594	73	932587	8.480	ppbv 98
29) Chloroform	5.279	83	1763411	10.322	ppbv 97
30) Cyclohexane	6.603	84	954504	9.395	ppbv 96
31) cis-1,2-Dichloroethene	5.086	61	1114567	10.061	ppbv 96
32) 1,1,1-Trichloroethane	6.005	97	1778505	10.458	ppbv 98
34) 2-Butanone	4.793	43	1082893	9.071	ppbv 96
35) Carbon Tetrachloride	6.494	117	1777033	10.535	ppbv 99
36) Benzene	6.372	78	2406585	9.858	ppbv 99
37) 1,2-Dichloroethane	5.809	62	1287635	10.994	ppbv 99
38) Trichloroethene	7.291	130	1256476	9.616	ppbv 96
39) 1,2-Dichloropropane	7.073	63	929481	9.772	ppbv 94
40) 1,4-Dioxane	7.285	88	361396	9.923	ppbv # 1
41) Tetrahydrofuran	5.558	42	962898	9.650	ppbv 99
42) Bromodichloromethane	7.246	83	1933093	10.334	ppbv 96
43) Methyl Methacrylate	7.475	69	955999	9.909	ppbv 99
44) 2,2,4-Trimethylpentane	7.324	57	3894128	9.451	ppbv 100
45) t-1,3-Dichloropropene	8.706	75	965295	10.445	ppbv 97

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Quant Time: Nov 08 06:12:00 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

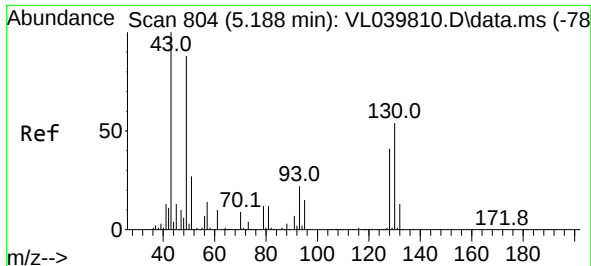
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

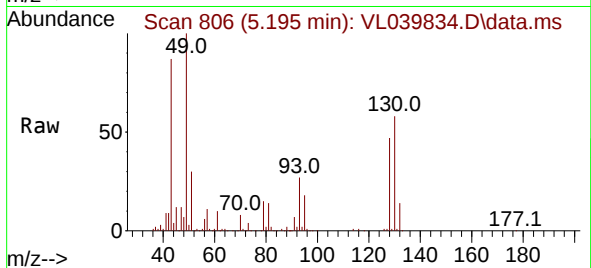
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1274297	10.102	ppbv	99
47) 1,1,2-Trichloroethane	8.893	97	963550	10.005	ppbv	99
48) Dibromochloromethane	9.703	129	1575124	9.598	ppbv	100
49) Bromoform	12.401	173	1185987	8.991	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2401709	9.826	ppbv	100
51) 2-Hexanone	9.549	43	1897986	9.959	ppbv #	98
52) Tetrachloroethene	10.610	164	792314	8.663	ppbv	98
53) Toluene	9.217	91	2672773	9.544	ppbv	99
54) 1,2-Dibromoethane	10.002	107	1109111	10.376	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.503	131	1098188	8.908	ppbv	98
57) Chlorobenzene	11.523	112	1898680	8.681	ppbv	97
58) Ethyl Benzene	12.082	91	3511249	9.006	ppbv	99
59) m/p-Xylene	12.368	91	5733527m	17.618	ppbv	
60) o-Xylene	13.053	91	2723609	8.834	ppbv	98
61) Styrene	12.893	104	1716401	9.047	ppbv	99
62) Isopropylbenzene	14.024	105	3834444	8.525	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.040	83	951734	8.289	ppbv	98
64) n-propylbenzene	14.912	120	988856	8.219	ppbv	88
65) tert-Butylbenzene	16.085	119	3119331	7.899	ppbv	96
66) Benzyl Chloride	16.323	91	307608m	6.699	ppbv	
67) sec-Butylbenzene	16.632	105	4461408	8.299	ppbv	98
69) p-Isopropyltoluene	16.992	119	3506267	7.864	ppbv	98
70) n-Butylbenzene	17.883	91	3742623	8.682	ppbv	97
71) 2-Chlorotoluene	14.793	91	2927567	8.663	ppbv	98
72) 4-Ethyltoluene	15.188	105	3021703	8.703	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2665165	8.659	ppbv	94
74) 1,2,4-Trimethylbenzene	16.105	105	2767417	8.463	ppbv	94
75) 1,3-Dichlorobenzene	16.323	146	1550874	8.123	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1497115	7.991	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	1464086	8.134	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1017117m	7.627	ppbv	
79) Naphthalene	21.374	128	2303086	9.687	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	831960	8.254	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	1207813	9.082	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

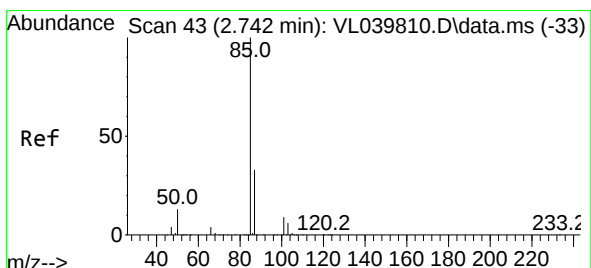
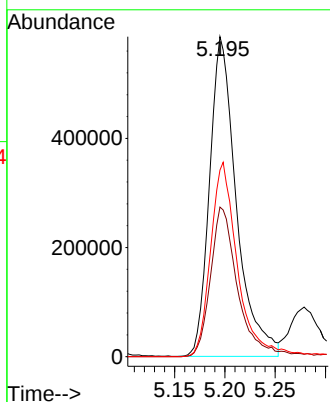
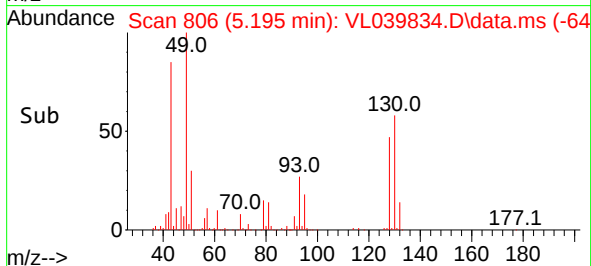
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



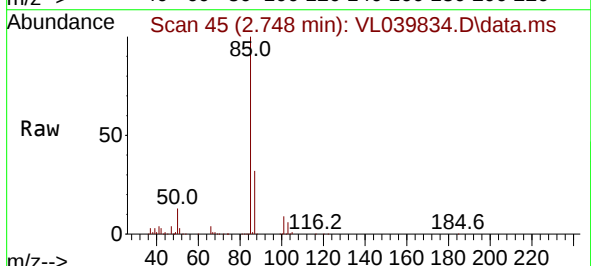
Tgt Ion: 49 Resp: 108681
Ion Ratio Lower Upper
49 100
128 48.4 24.6 73.6
130 62.8 31.1 93.2

Manual Integrations
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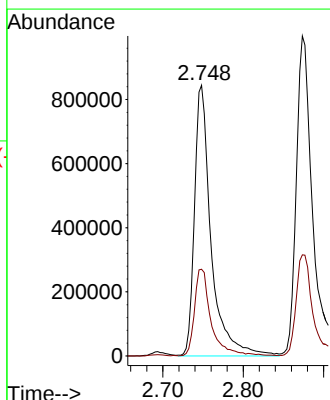
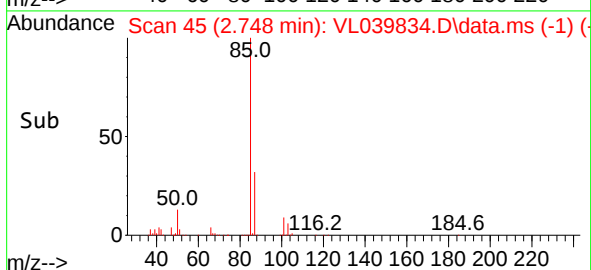
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

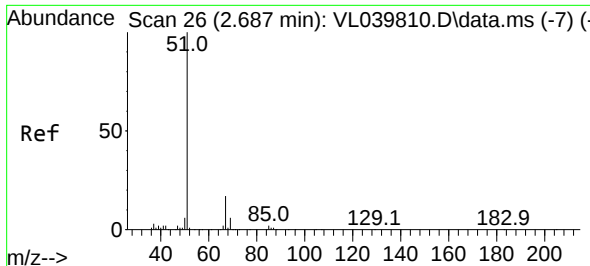


#2
Dichlorodifluoromethane
Concen: 6.624 ppbv m
RT: 2.748 min Scan# 45
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



Tgt Ion: 85 Resp: 1215438
Ion Ratio Lower Upper
85 100
87 32.0 26.4 39.6





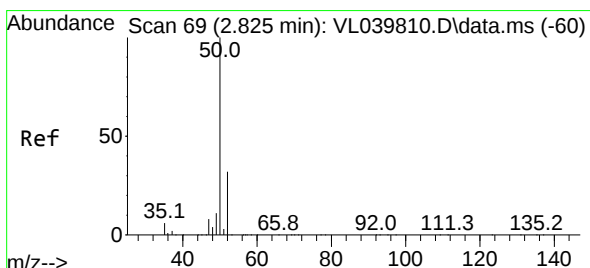
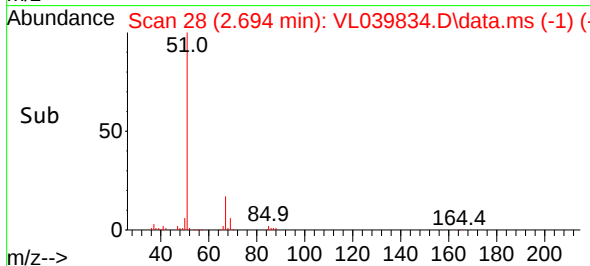
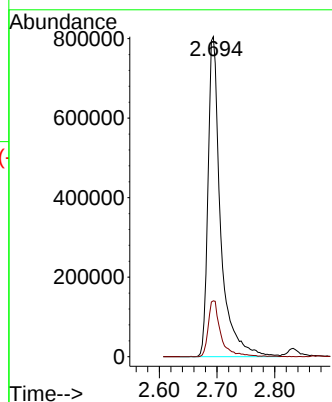
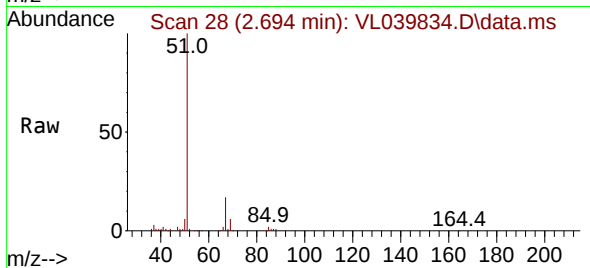
#3
Chlorodifluoromethane
Concen: 9.404 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
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ClientSampleId :
VL1107ABS01

Tgt Ion: 51 Resp: 121850
Ion Ratio Lower Upper
51 100
67 17.7 13.2 19.8

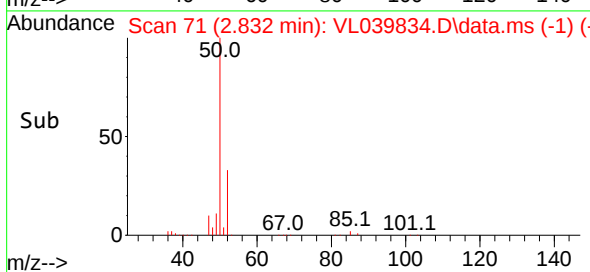
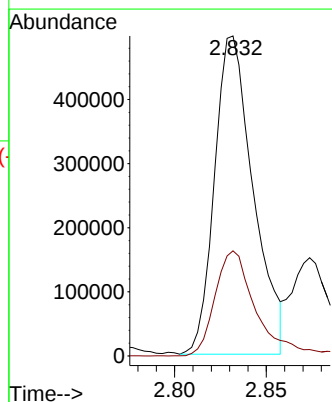
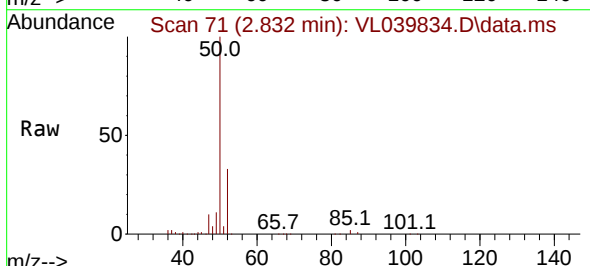
Manual Integrations
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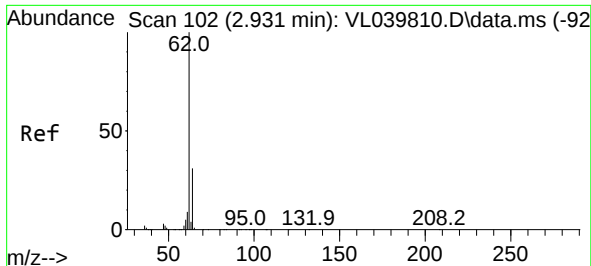
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#4
Chloromethane
Concen: 9.048 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

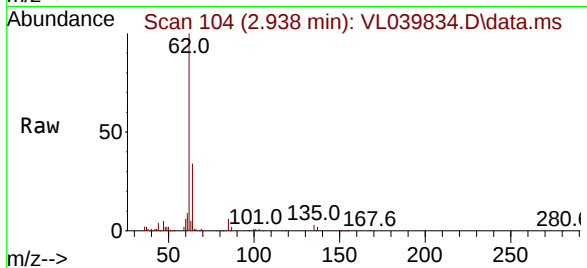
Tgt Ion: 50 Resp: 729935
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.448 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

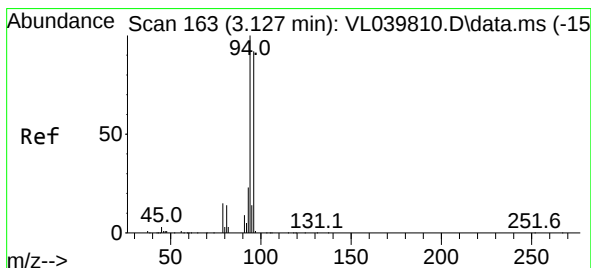
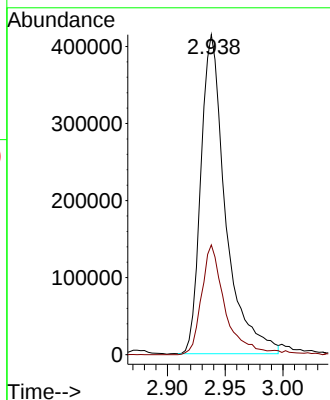
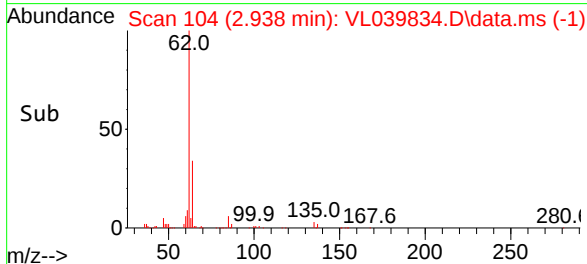
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01



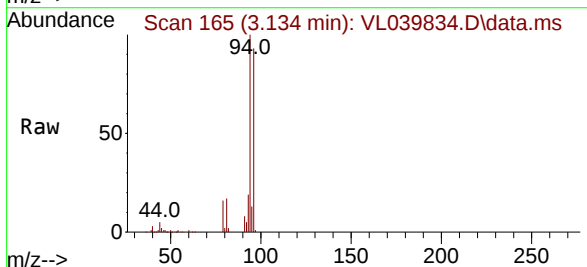
Tgt Ion: 62 Resp: 617100
 Ion Ratio Lower Upper
 62 100
 64 34.4 25.0 37.4

Manual Integrations
 APPROVED

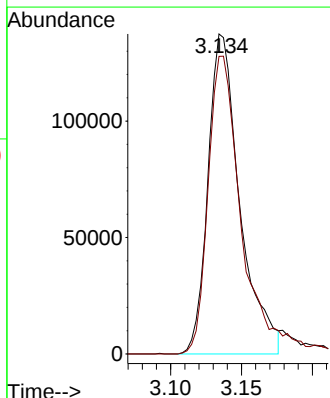
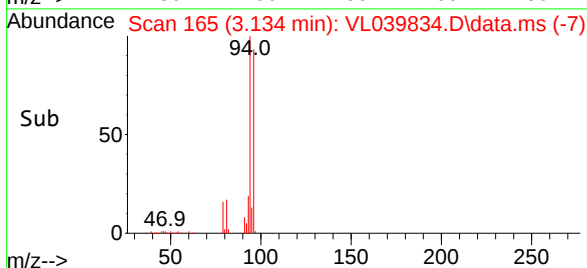
Reviewed By :Semsettin Yesilyurt 11/08/2022
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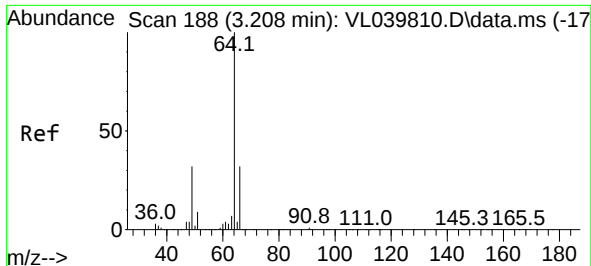


#6
 Bromomethane
 Concen: 9.223 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59



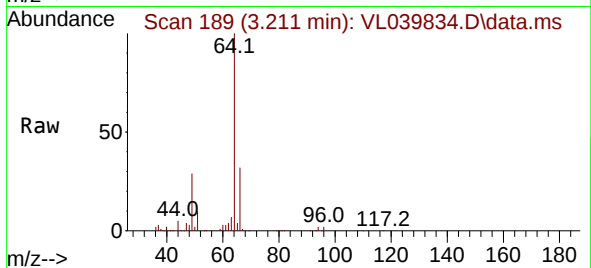
Tgt Ion: 94 Resp: 214891
 Ion Ratio Lower Upper
 94 100
 96 93.0 73.5 110.3





#7
Chloroethane
Concen: 8.796 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

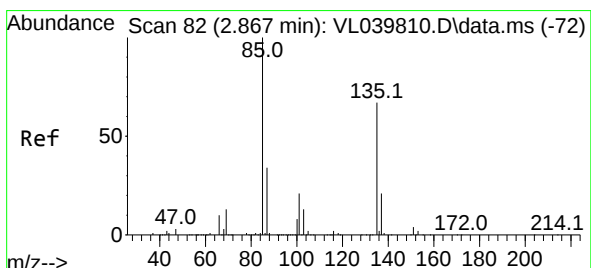
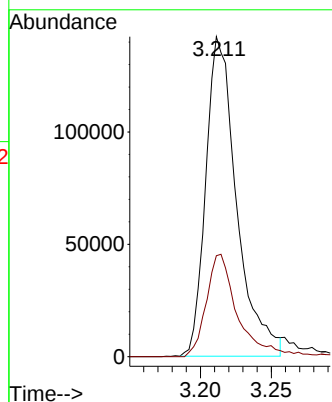
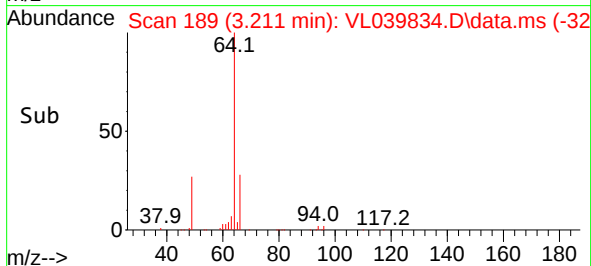
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



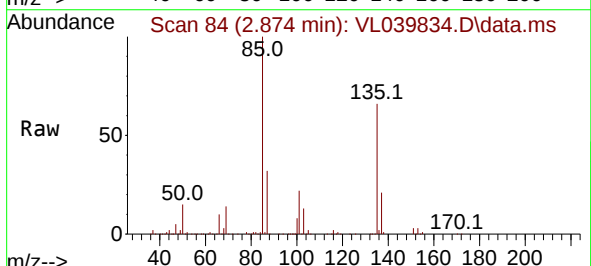
Tgt Ion: 64 Resp: 215302
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3

Manual Integrations
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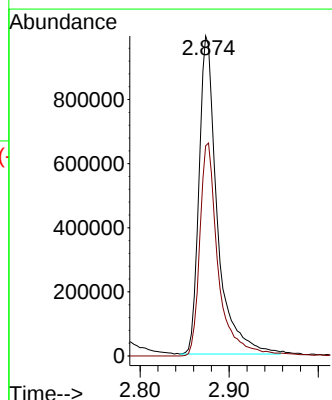
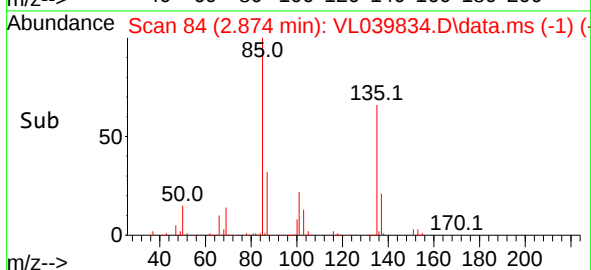
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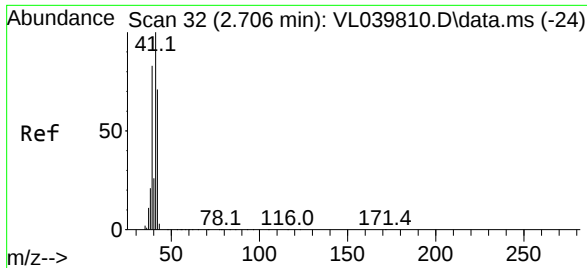


#8
Dichlorotetrafluoroethane
Concen: 9.086 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



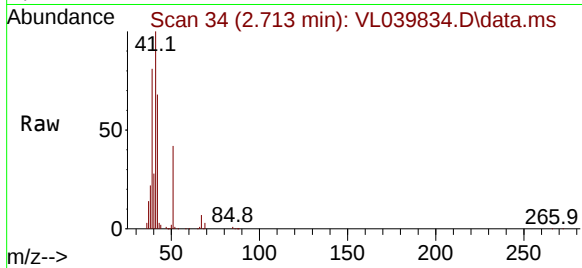
Tgt Ion: 85 Resp: 1420878
Ion Ratio Lower Upper
85 100
135 68.6 56.7 85.1





#9
 Propene
 Concen: 8.764 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

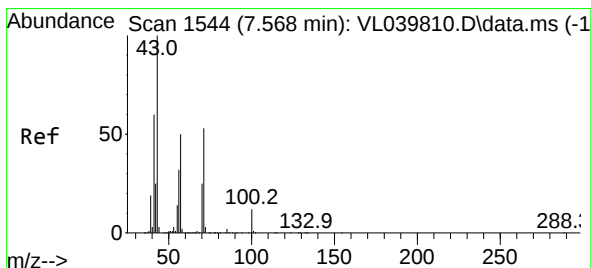
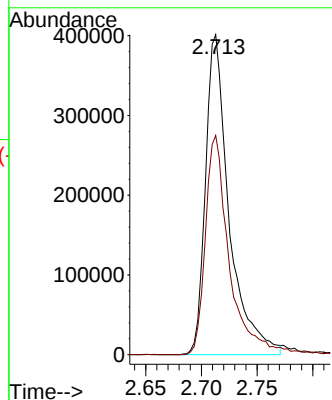
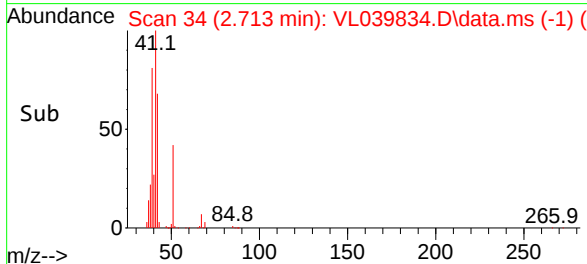
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01



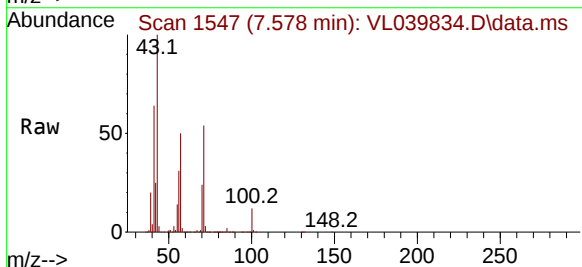
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 Ion Ratio Lower Upper
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 42 70.4 56.3 84.5

Manual Integrations
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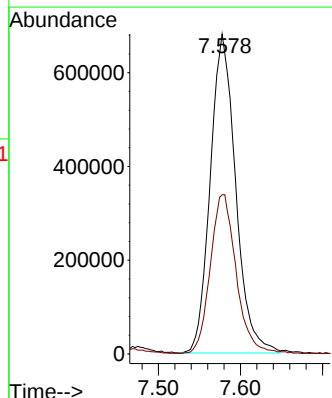
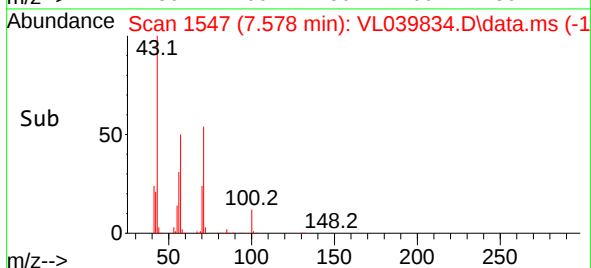
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 Supervised By :Mahesh Dadoda 11/09/2022

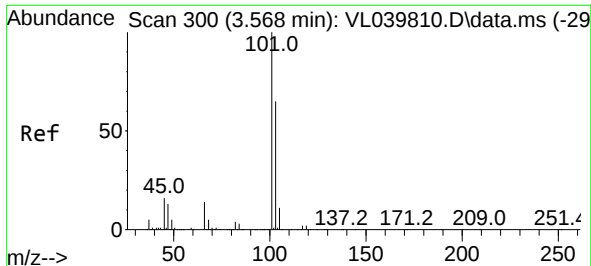


#10
 Heptane
 Concen: 9.044 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59



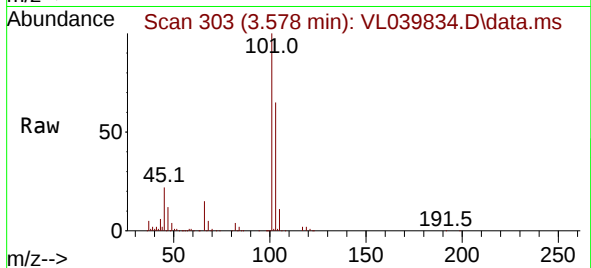
Tgt Ion: 43 Resp: 1462603
 Ion Ratio Lower Upper
 43 100
 57 50.8 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.733 ppbv
RT: 3.578 min Scan# 300
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

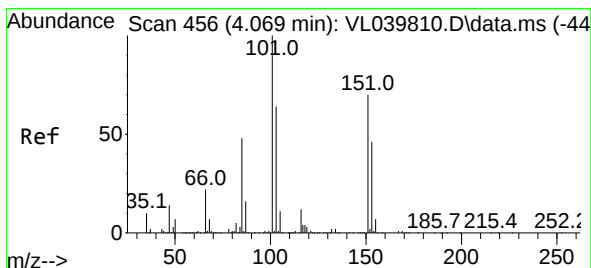
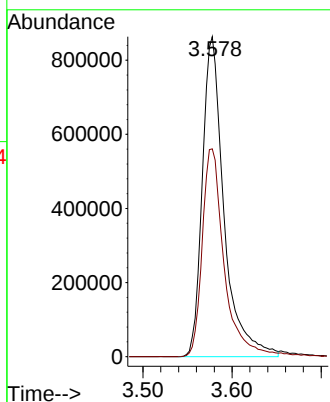
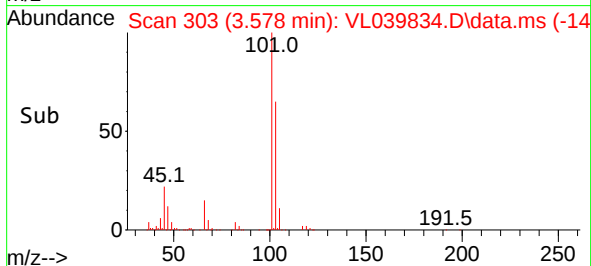
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



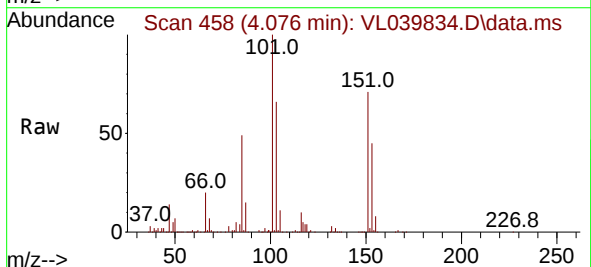
Tgt Ion:101 Resp: 1456458
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

Manual Integrations
APPROVED

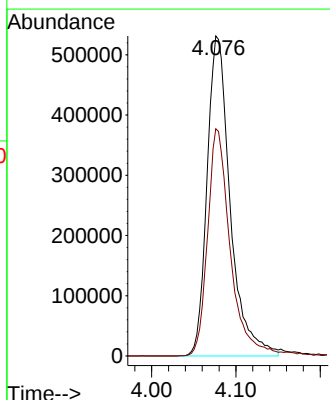
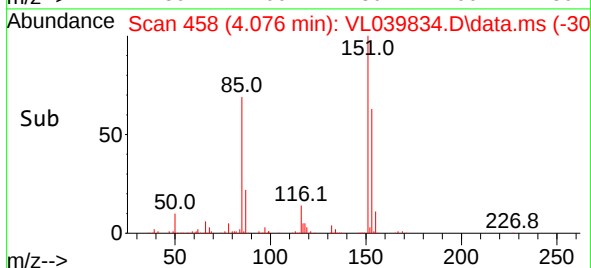
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

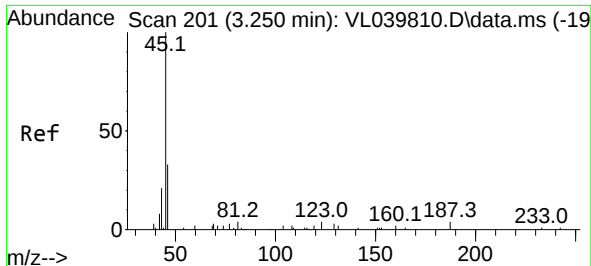


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.388 ppbv
RT: 4.076 min Scan# 458
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



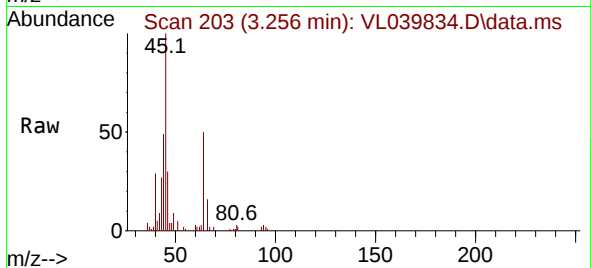
Tgt Ion:101 Resp: 1014663
Ion Ratio Lower Upper
101 100
151 70.4 57.2 85.8





#13
Ethanol
Concen: 8.585 ppbv m
RT: 3.256 min Scan# 201
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

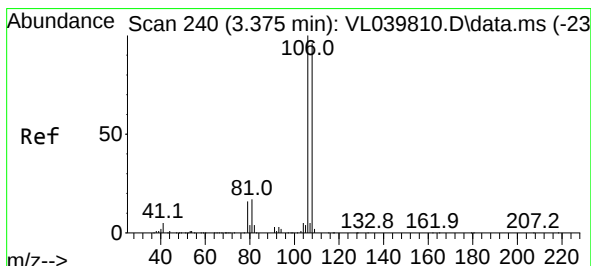
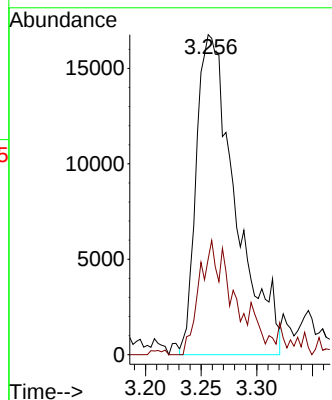
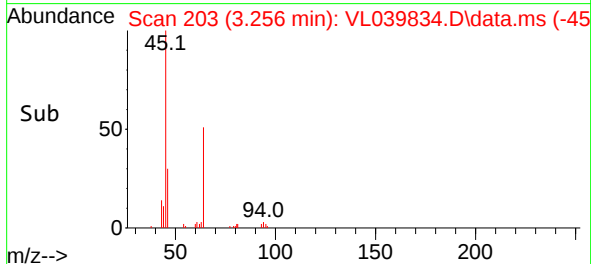
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



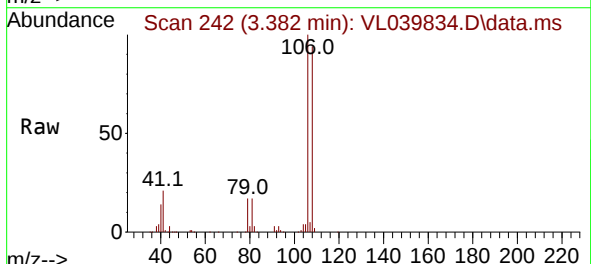
Tgt Ion: 45 Resp: 40960
Ion Ratio Lower Upper
45 100
46 37.9 16.5 65.9

Manual Integrations
APPROVED

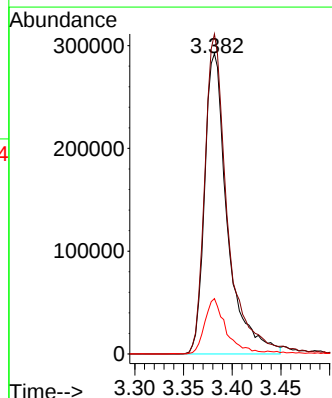
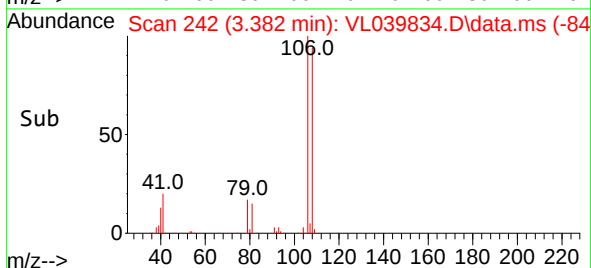
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

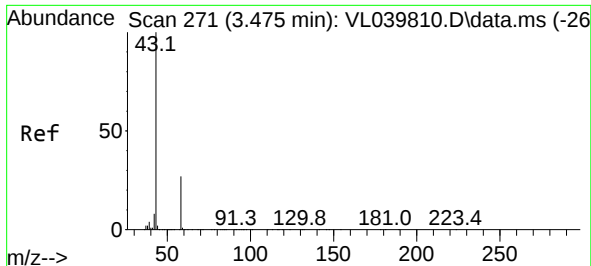


#14
Bromoethene
Concen: 9.811 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



Tgt Ion:108 Resp: 474787
Ion Ratio Lower Upper
108 100
106 108.5 87.8 131.8
79 18.5 14.5 21.7





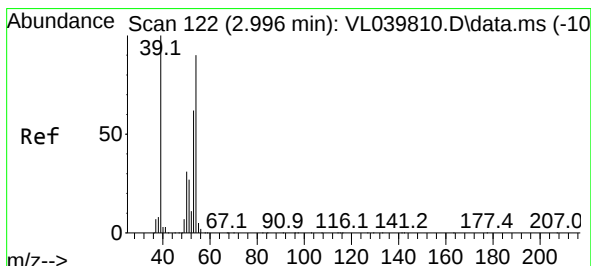
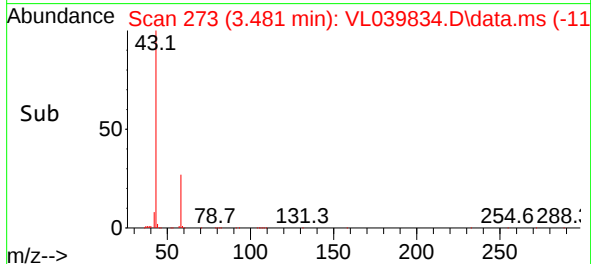
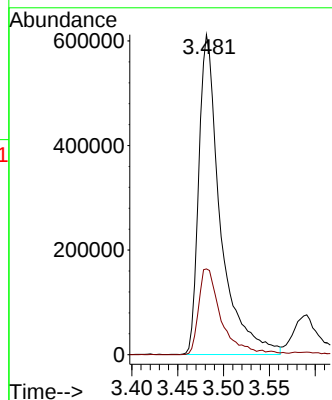
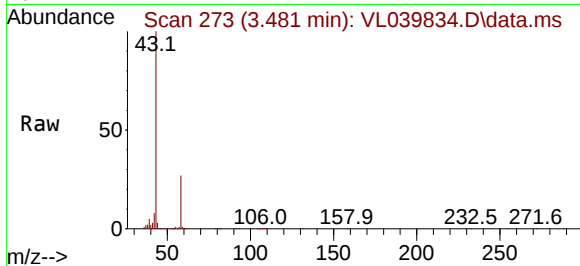
#15
Acetone
Concen: 7.572 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 43 Resp: 100173
Ion Ratio Lower Upper
43 100
58 28.4 23.2 34.8

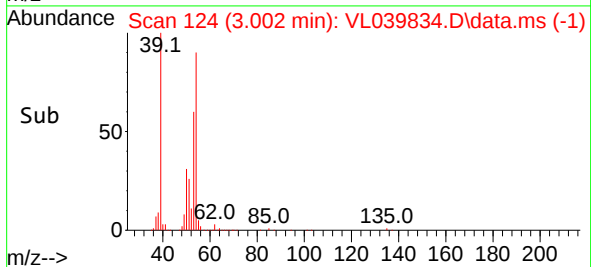
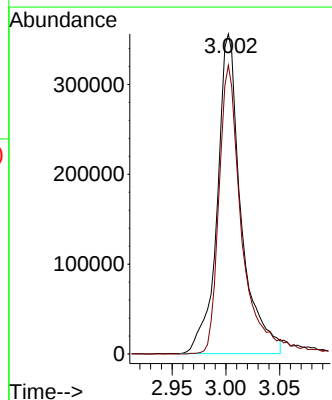
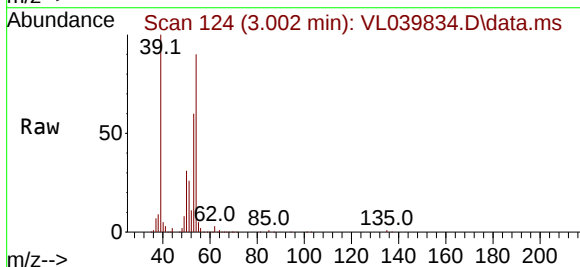
Manual Integrations
APPROVED

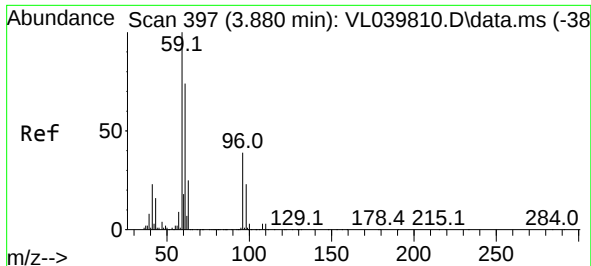
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#16
1,3-Butadiene
Concen: 8.945 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 39 Resp: 550283
Ion Ratio Lower Upper
39 100
54 88.6 71.0 106.4





#17

tert-Butyl alcohol

Concen: 9.016 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion: 59 Resp: 113583

Ion Ratio Lower Upper

59 100

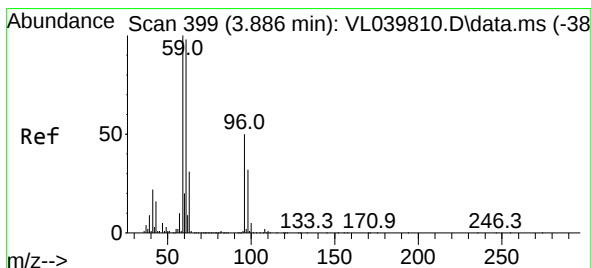
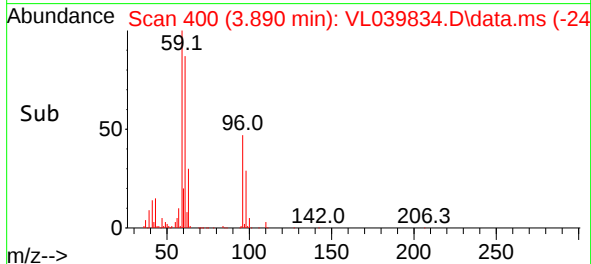
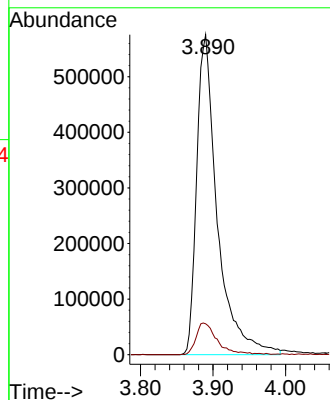
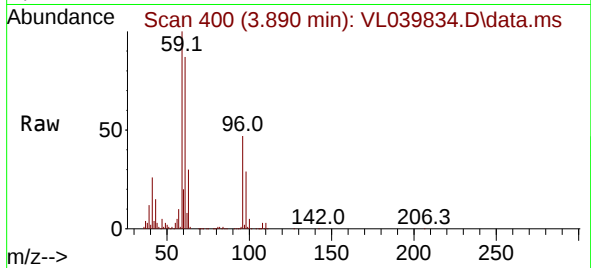
57 10.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#18

1,1-Dichloroethene

Concen: 9.552 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

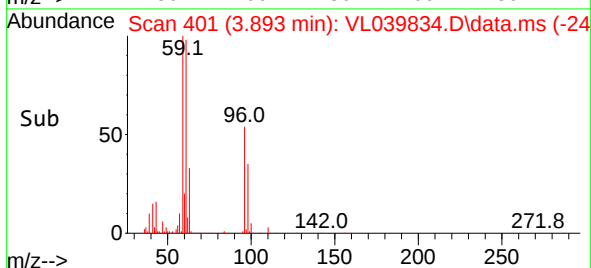
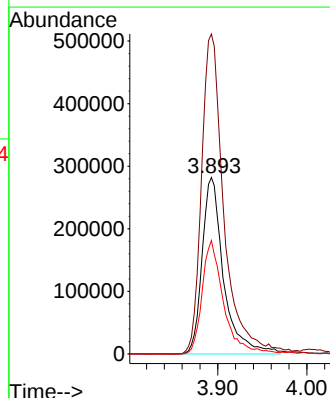
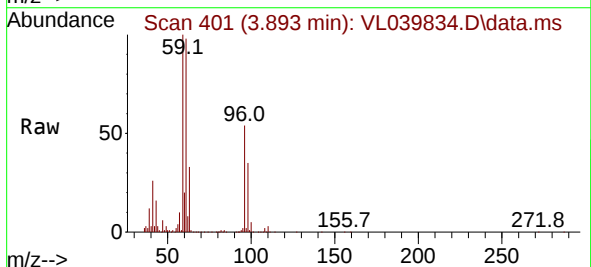
Tgt Ion: 96 Resp: 473359

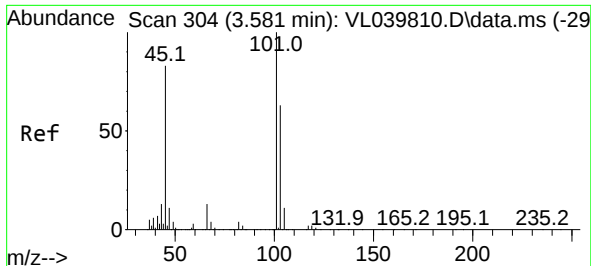
Ion Ratio Lower Upper

96 100

61 181.2 156.9 235.3

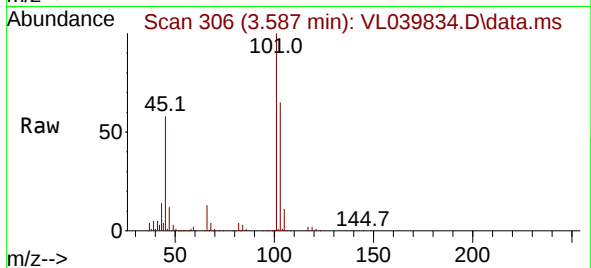
98 64.3 50.6 75.8





#19
Isopropyl Alcohol
Concen: 8.595 ppbv
RT: 3.587 min Scan# 304
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

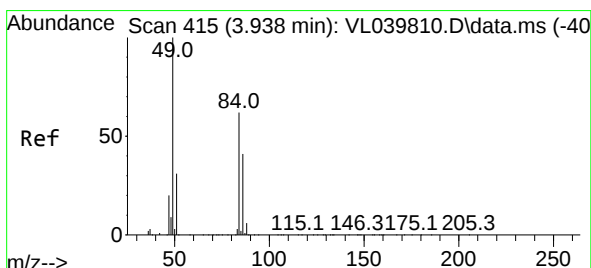
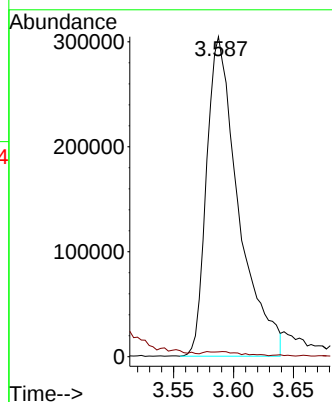
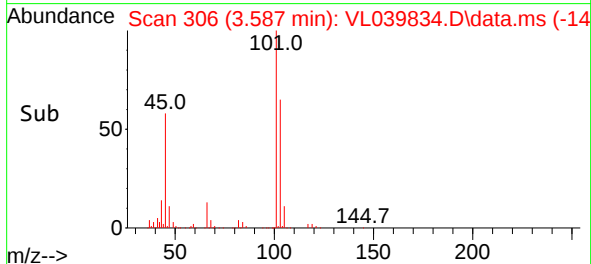
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



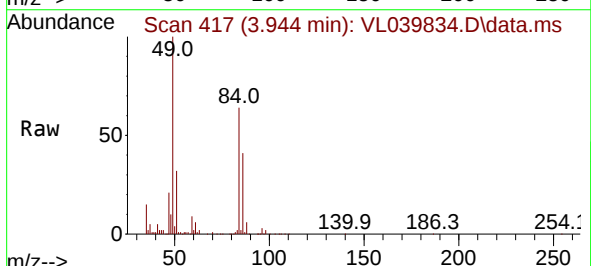
Tgt Ion: 45 Resp: 562738
Ion Ratio Lower Upper
45 100
58 2.4 38.3 57.5

Manual Integrations
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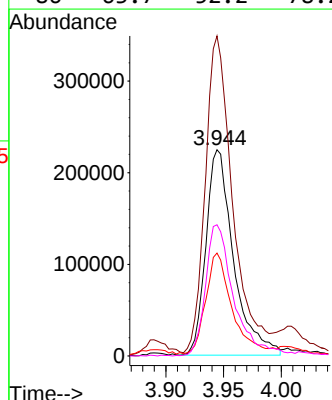
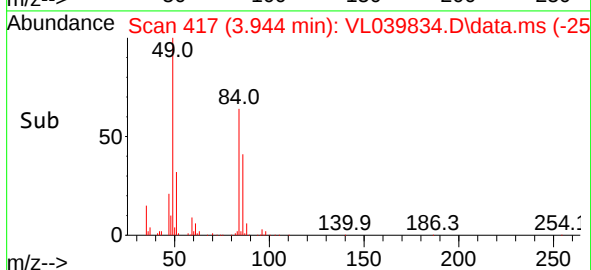
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

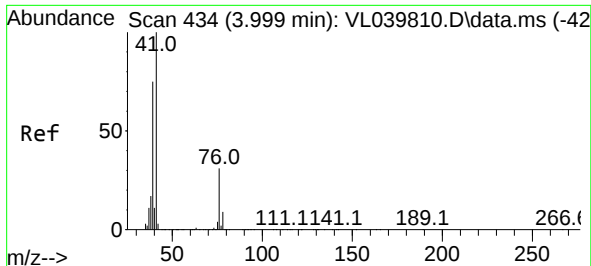


#20
Methylene Chloride
Concen: 7.898 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



Tgt Ion: 84 Resp: 373786
Ion Ratio Lower Upper
84 100
49 153.8 128.6 192.8
51 48.5 40.2 60.4
86 63.7 52.2 78.2





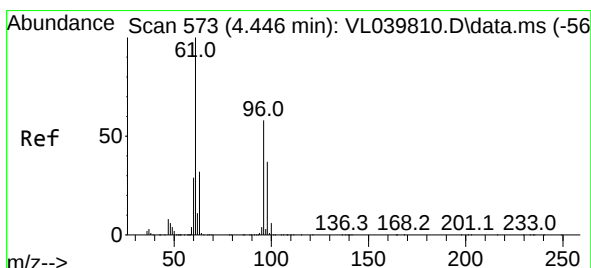
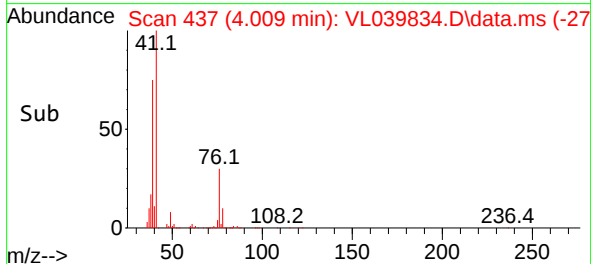
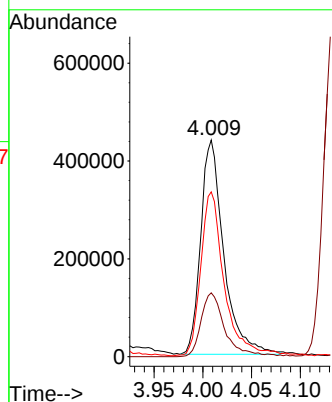
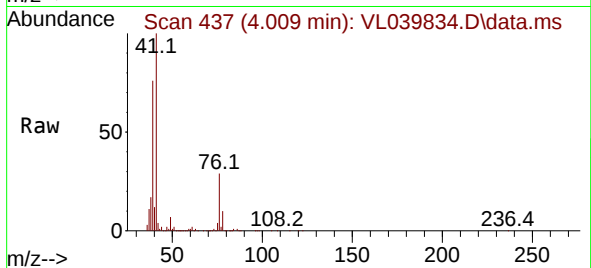
#21
 Allyl Chloride
 Concen: 8.616 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

Tgt Ion: 41 Resp: 72095
 Ion Ratio Lower Upper
 41 100
 76 30.8 24.1 36.1
 39 80.9 64.3 96.5

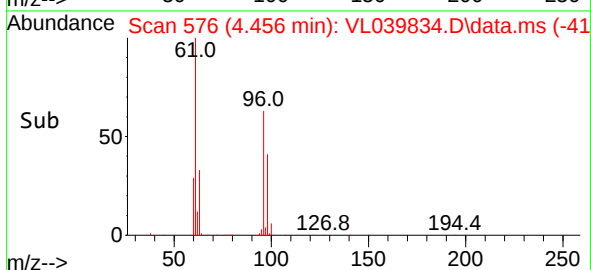
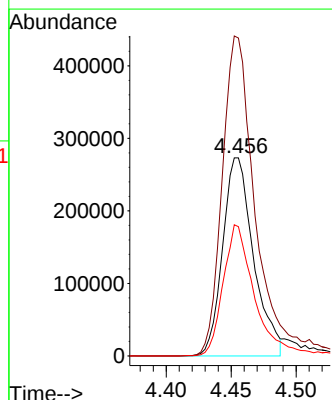
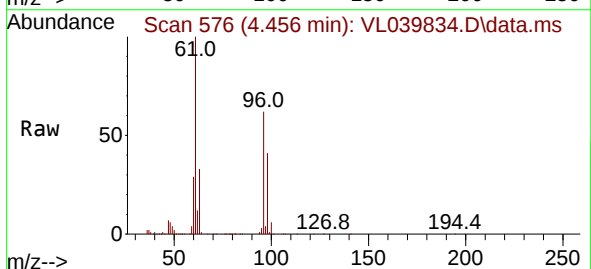
Manual Integrations
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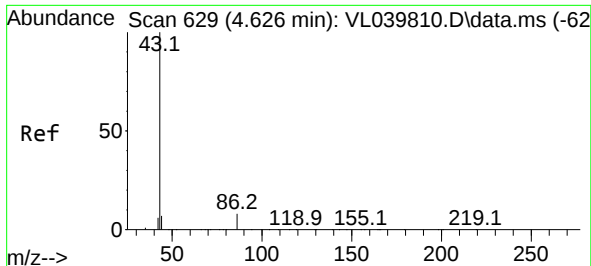
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#22
 trans-1,2-Dichloroethene
 Concen: 8.991 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 96 Resp: 452204
 Ion Ratio Lower Upper
 96 100
 61 160.5 137.6 206.4
 98 65.3 51.2 76.8





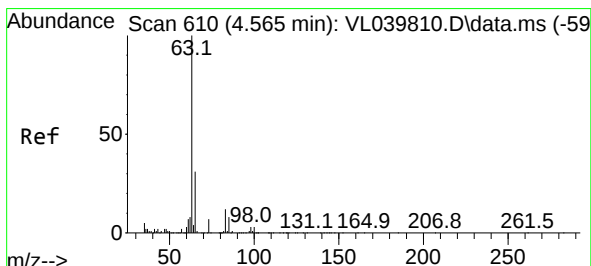
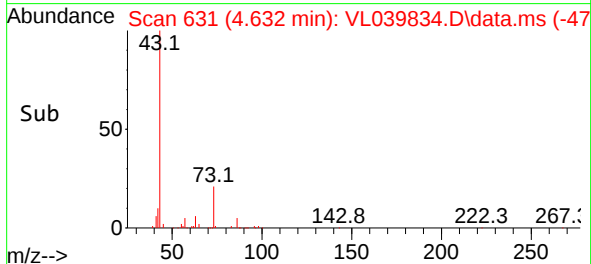
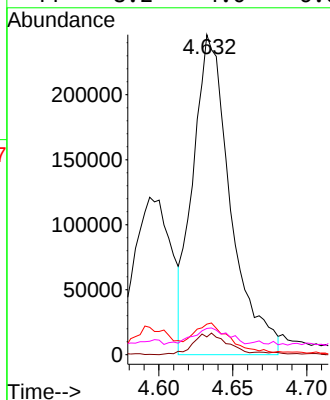
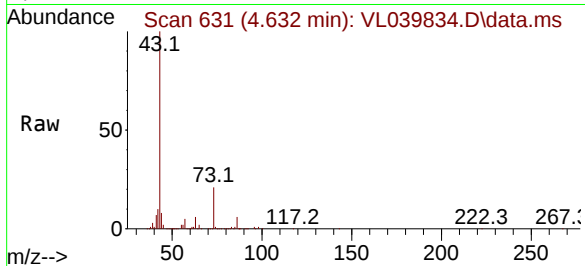
#23
 Vinyl Acetate
 Concen: 8.237 ppbv m
 RT: 4.632 min Scan# 612
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

Tgt Ion: 43 Resp: 434125
 Ion Ratio Lower Upper
 43 100
 86 5.5 5.0 7.4
 42 9.5 6.8 10.2
 44 8.2 4.0 6.0#

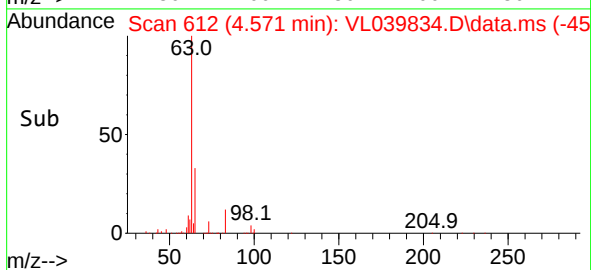
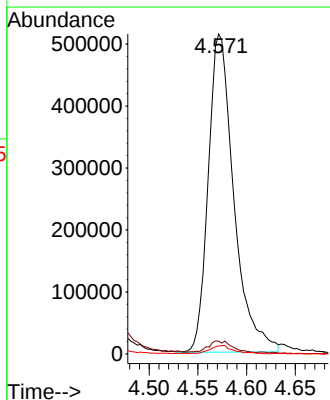
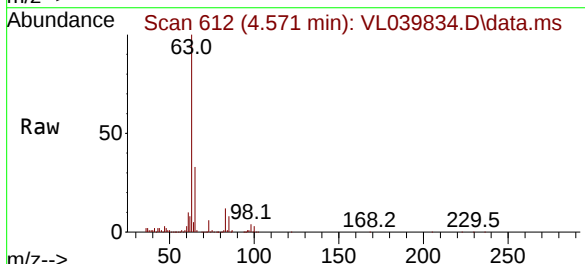
Manual Integrations
 APPROVED

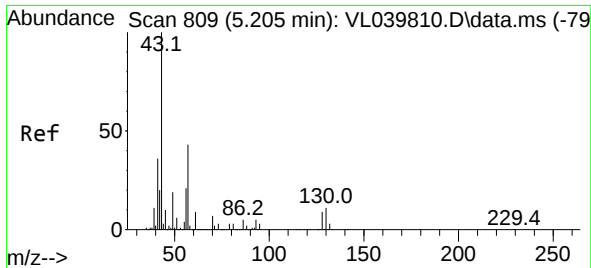
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#24
 1,1-Dichloroethane
 Concen: 8.728 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 63 Resp: 939540
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.4
 100 2.4 1.5 4.4





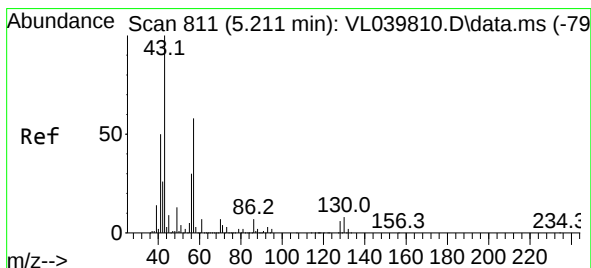
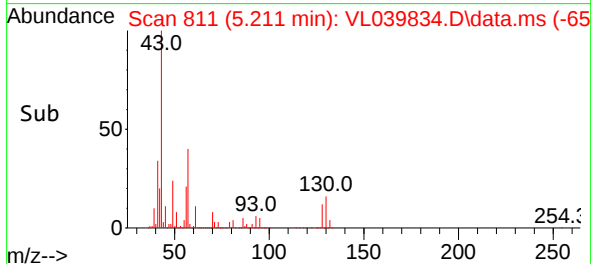
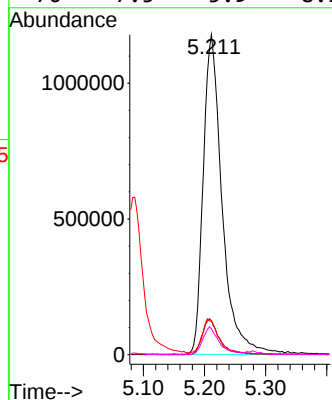
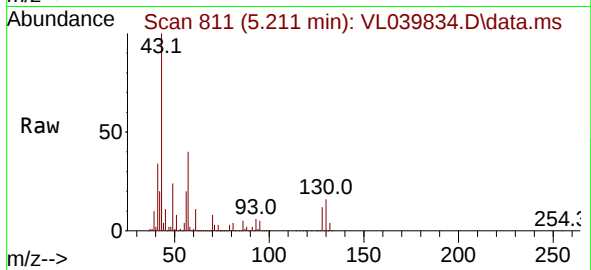
#25
Ethyl Acetate
Concen: 9.260 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 43 Resp: 2523184
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.2
61 10.6 8.1 12.1
70 7.5 5.9 8.9

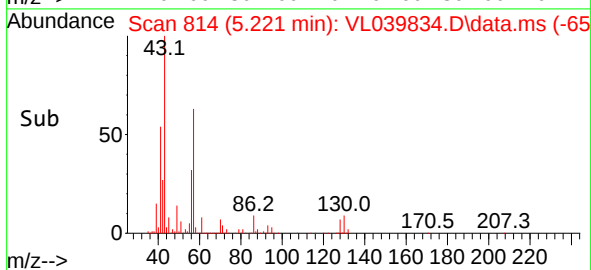
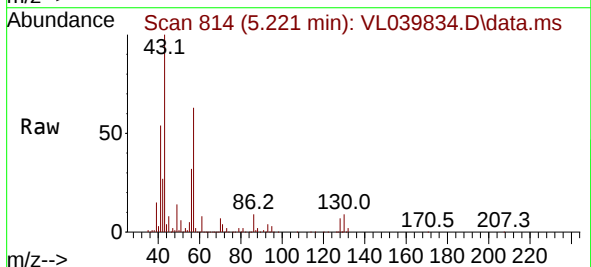
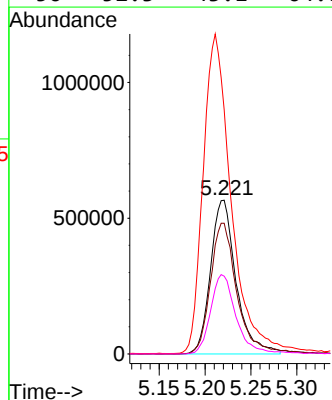
Manual Integrations
APPROVED

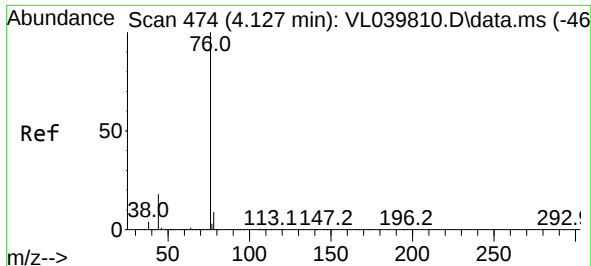
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#26
Hexane
Concen: 9.020 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

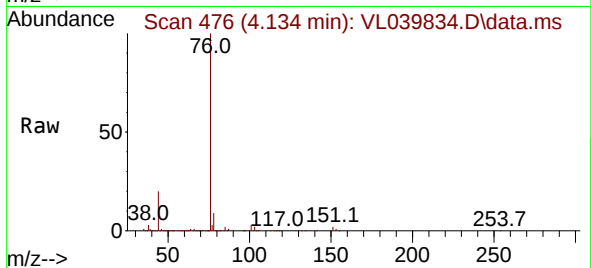
Tgt Ion: 57 Resp: 1095934
Ion Ratio Lower Upper
57 100
41 89.8 73.7 110.5
43 232.6 189.8 284.8
56 52.3 43.1 64.7





#27
Carbon Disulfide
Concen: 9.489 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

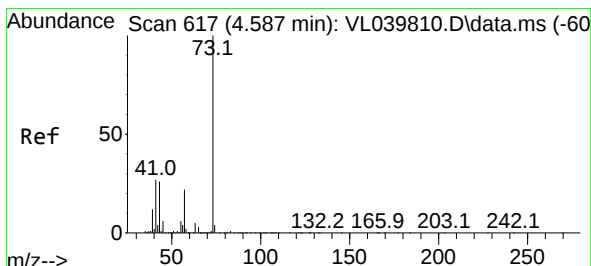
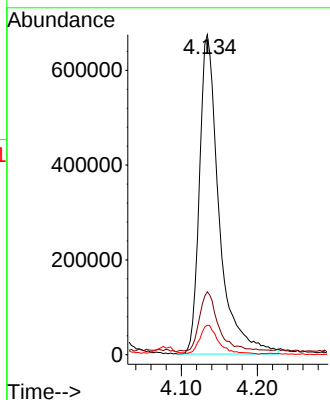
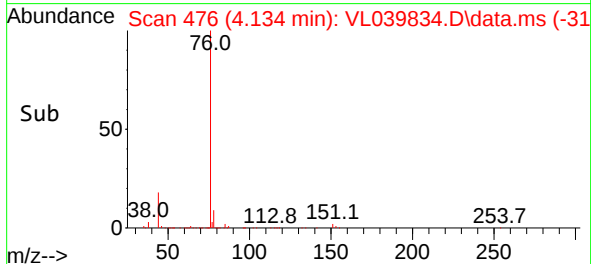
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 76 Resp: 1210640
Ion Ratio Lower Upper
76 100
44 18.1 14.6 22.0
78 9.0 7.6 11.4

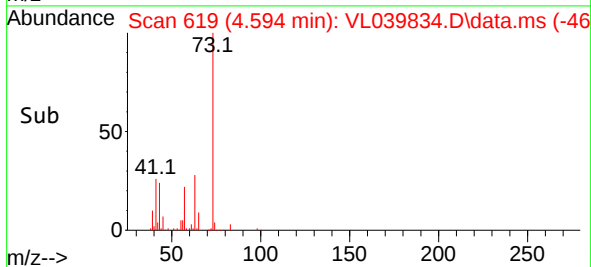
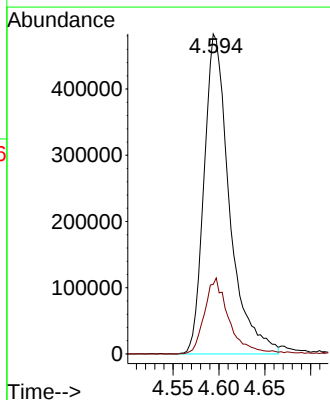
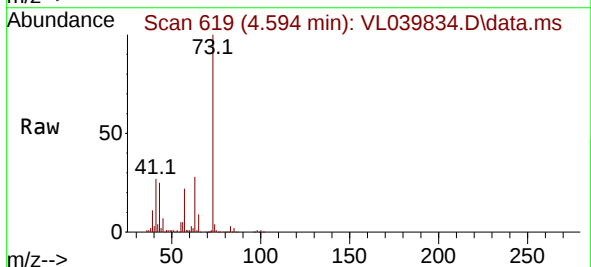
Manual Integrations
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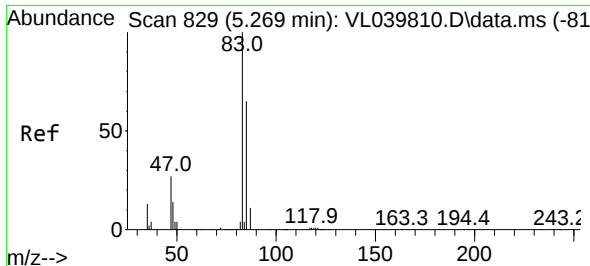
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#28
Methyl tert-Butyl Ether
Concen: 8.480 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

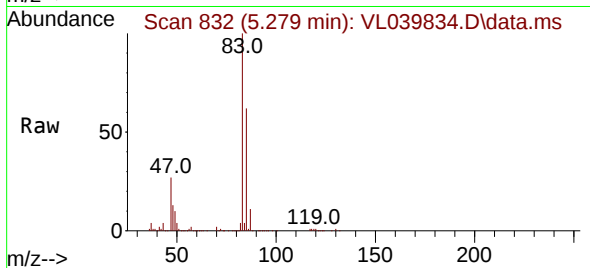
Tgt Ion: 73 Resp: 932587
Ion Ratio Lower Upper
73 100
57 23.3 19.4 29.2





#29
Chloroform
Concen: 10.322 ppbv
RT: 5.279 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

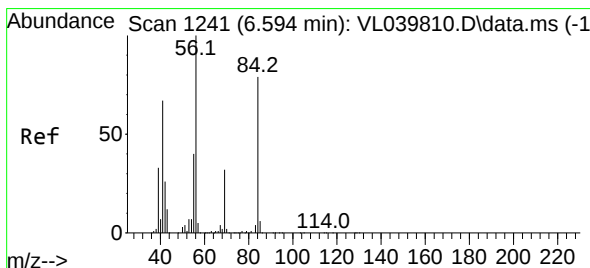
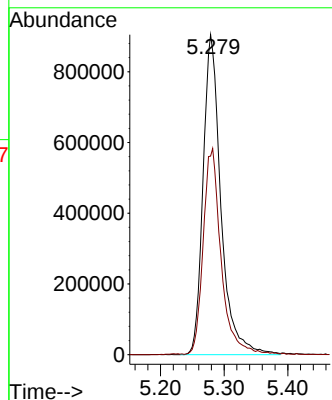
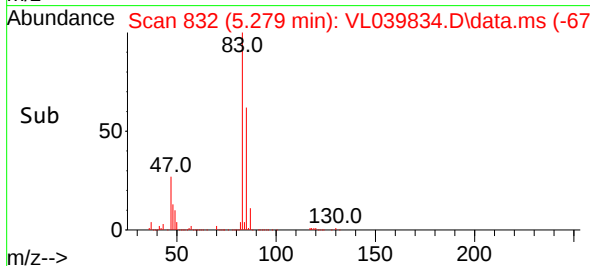
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 83 Resp: 176341
Ion Ratio Lower Upper
83 100
85 61.9 51.6 77.4

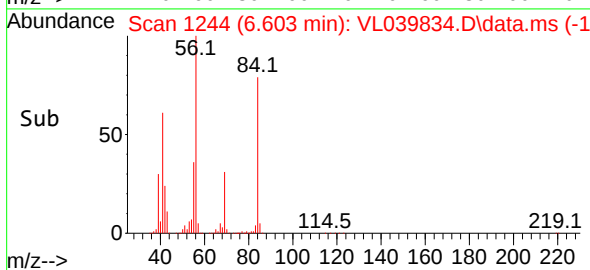
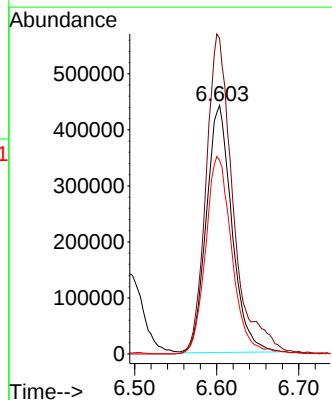
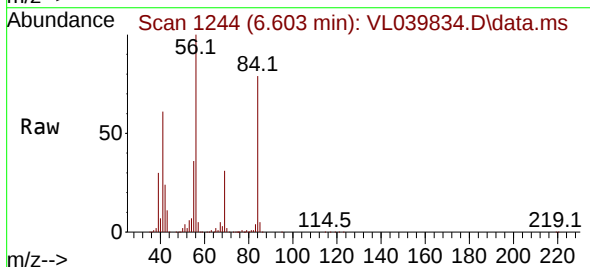
Manual Integrations
APPROVED

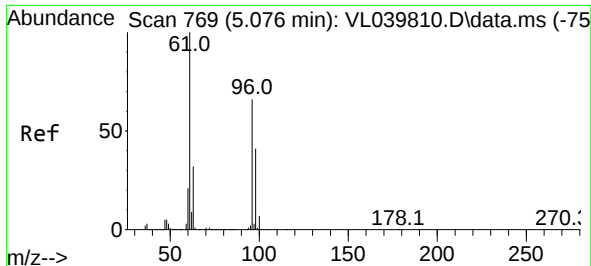
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#30
Cyclohexane
Concen: 9.395 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

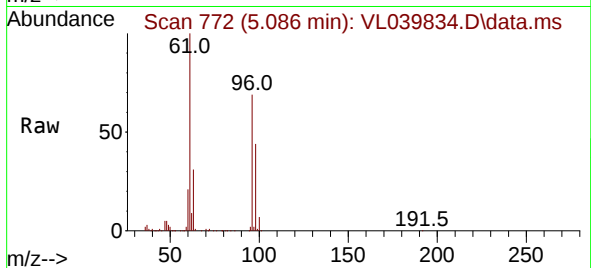
Tgt Ion: 84 Resp: 954504
Ion Ratio Lower Upper
84 100
56 137.8 114.8 172.2
41 82.4 68.6 103.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.061 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

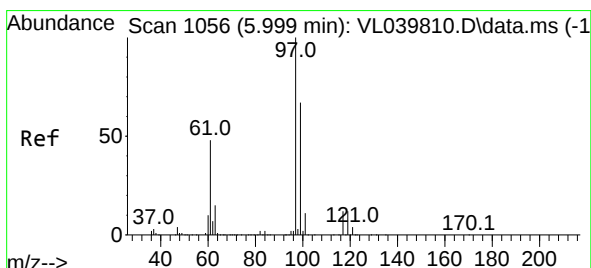
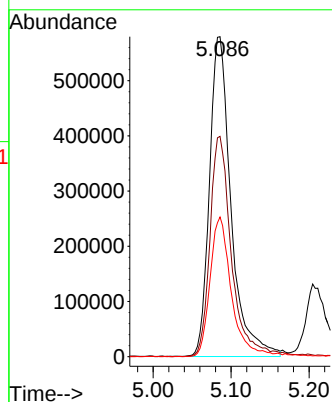
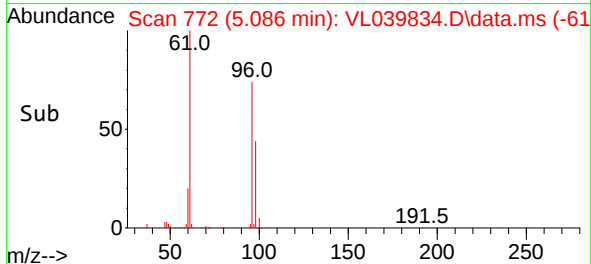
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01



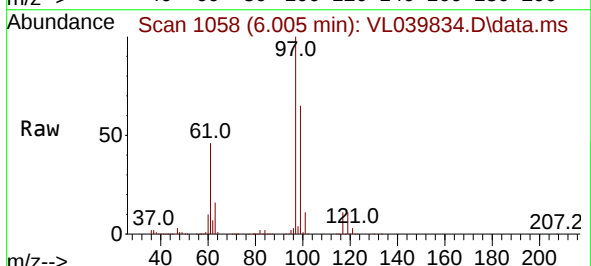
Tgt Ion: 61 Resp: 111456
 Ion Ratio Lower Upper
 61 100
 96 68.8 52.6 78.8
 98 43.7 32.6 48.8

Manual Integrations
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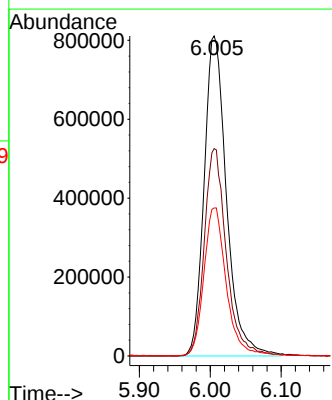
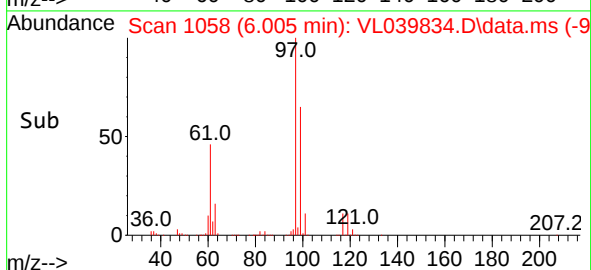
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

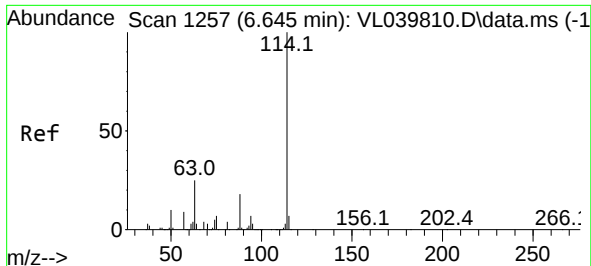


#32
 1,1,1-Trichloroethane
 Concen: 10.458 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.007 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59



Tgt Ion: 97 Resp: 1778505
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.7 79.1
 61 46.5 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:114 Resp: 289394

Ion Ratio Lower Upper

114 100

63 24.7 19.8 29.6

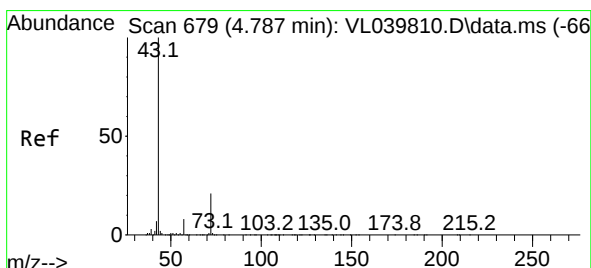
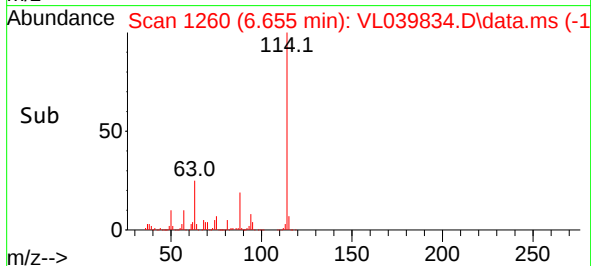
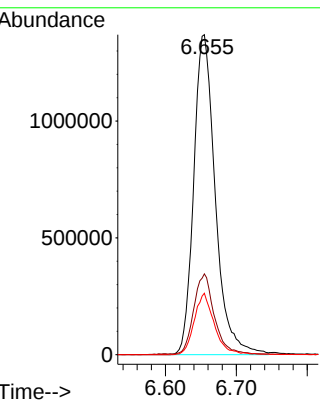
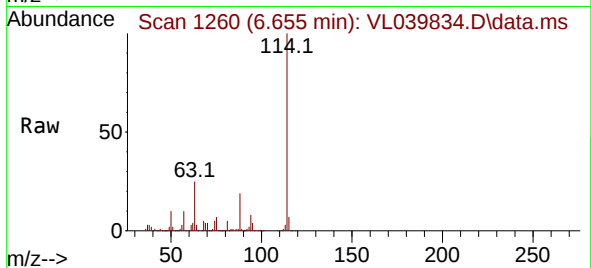
88 18.0 14.4 21.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#34

2-Butanone

Concen: 9.071 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.007 min

Lab File: VL039834.D

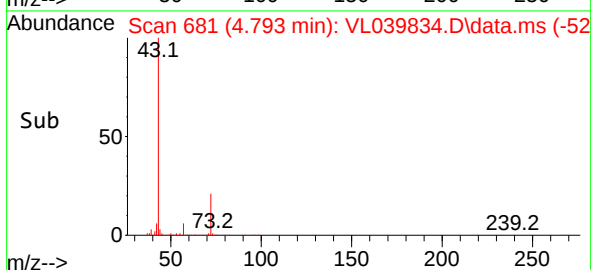
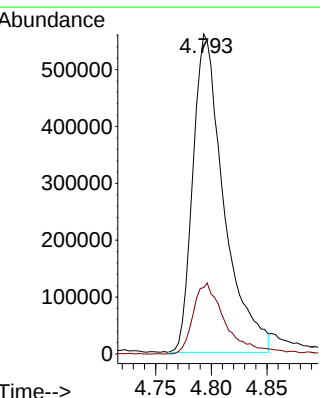
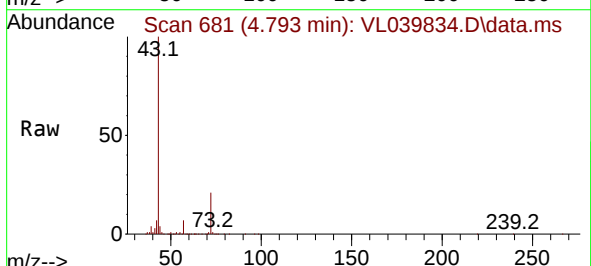
Acq: 7 Nov 2022 10:59

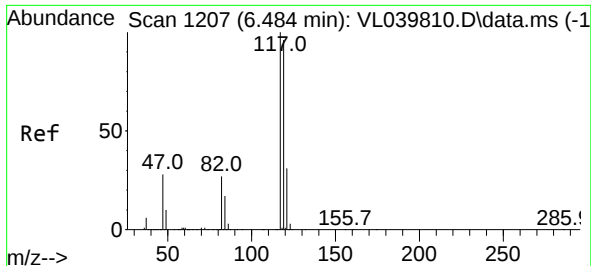
Tgt Ion: 43 Resp: 1082893

Ion Ratio Lower Upper

43 100

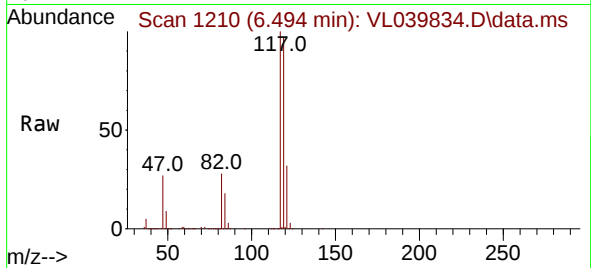
72 23.8 17.5 26.3





#35
Carbon Tetrachloride
Concen: 10.535 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

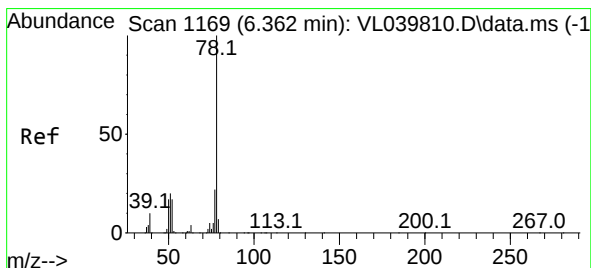
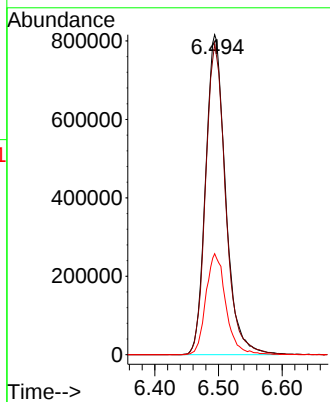
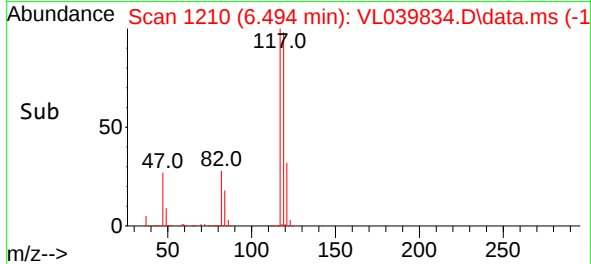
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 117 Resp: 1777033
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7
121 31.5 25.2 37.8

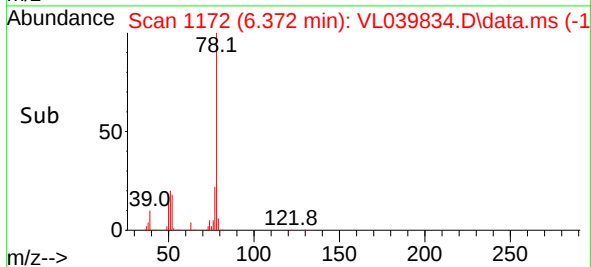
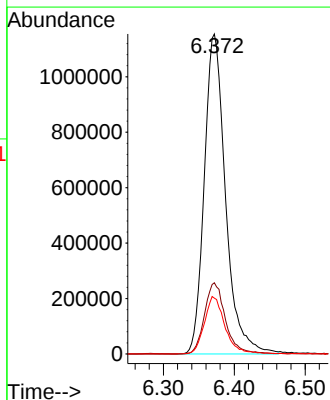
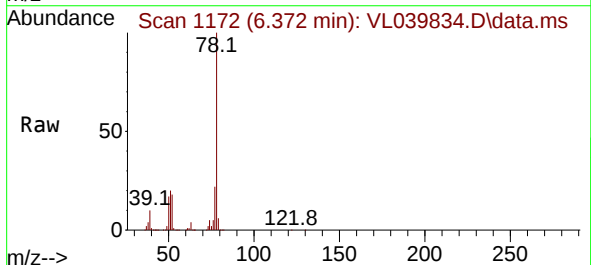
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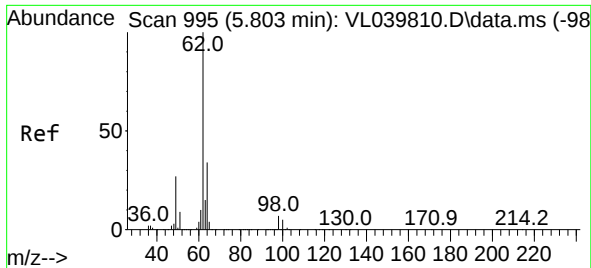
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#36
Benzene
Concen: 9.858 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 78 Resp: 2406585
Ion Ratio Lower Upper
78 100
77 22.2 17.4 26.2
50 17.4 13.9 20.9





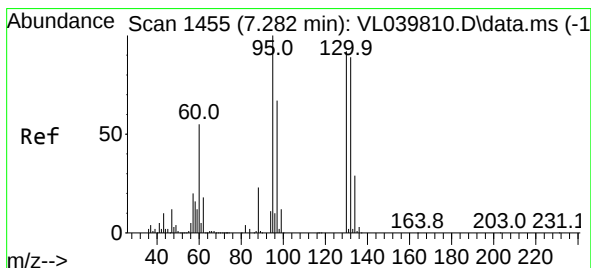
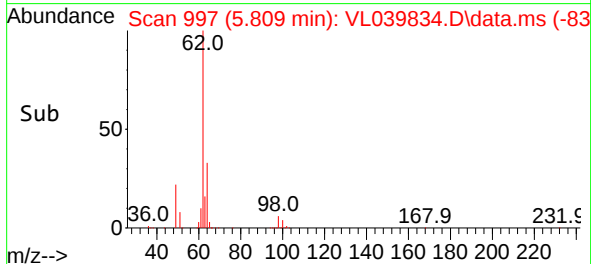
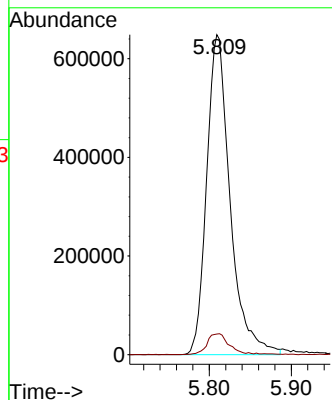
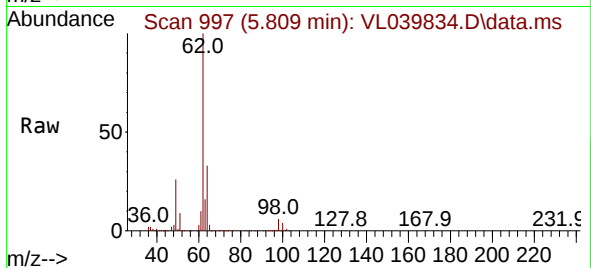
#37
1,2-Dichloroethane
Concen: 10.994 ppbv
RT: 5.809 min Scan# 995
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 62 Resp: 128763
Ion Ratio Lower Upper
62 100
98 6.4 5.4 8.2

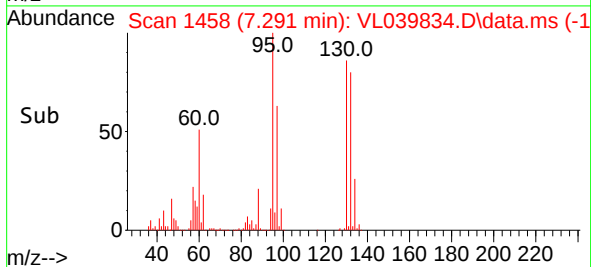
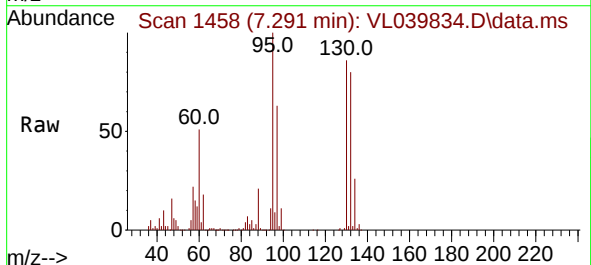
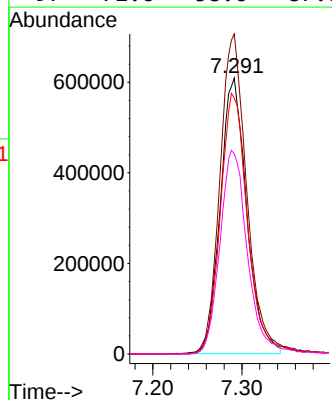
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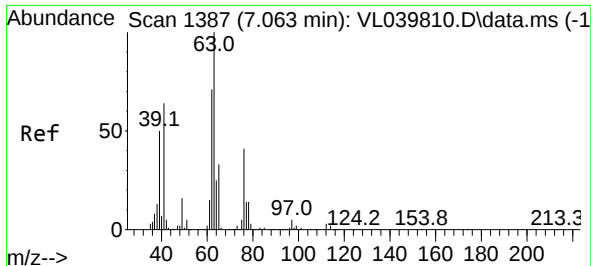
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#38
Trichloroethene
Concen: 9.616 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:130 Resp: 1256476
Ion Ratio Lower Upper
130 100
95 116.1 87.4 131.2
132 92.8 77.7 116.5
97 72.6 58.6 87.8





#39

1,2-Dichloropropane

Concen: 9.772 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion: 63 Resp: 92948

Ion Ratio Lower Upper

63 100

41 69.0 51.0 76.4

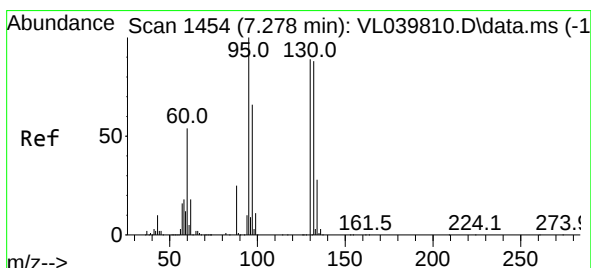
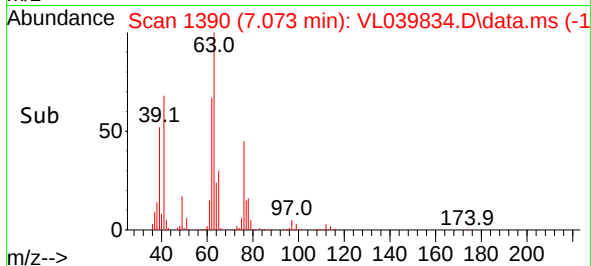
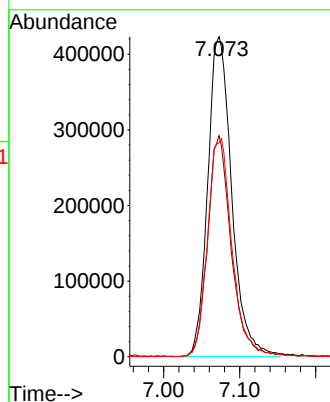
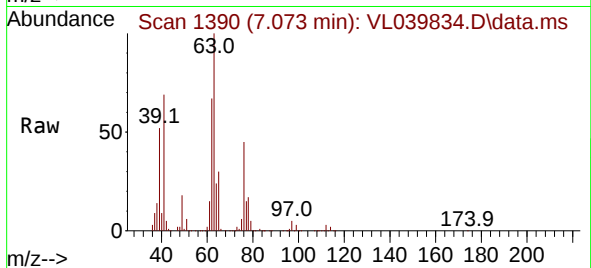
62 66.7 56.6 85.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#40

1,4-Dioxane

Concen: 9.923 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Tgt Ion: 88 Resp: 361396

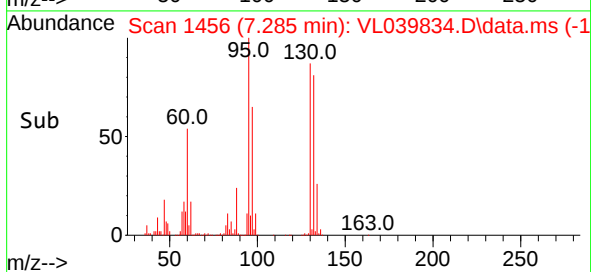
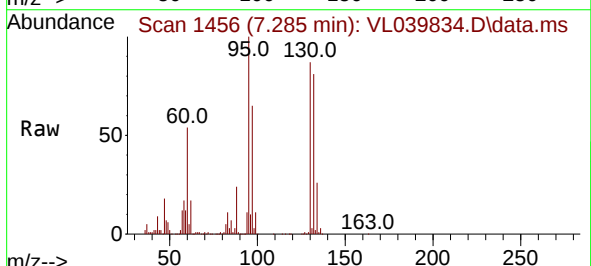
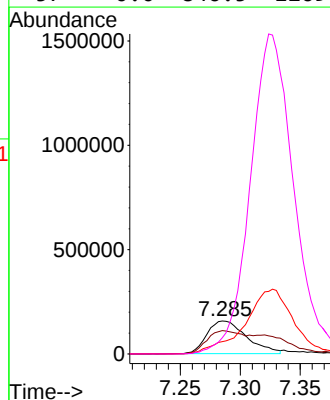
Ion Ratio Lower Upper

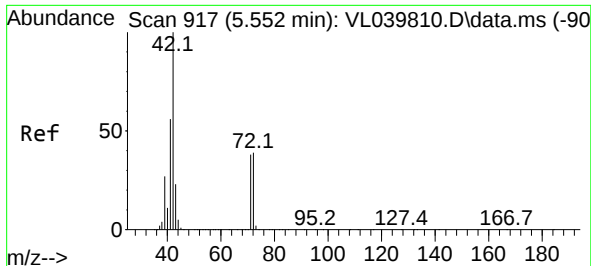
88 100

58 125.7 99.5 149.3

43 0.0 189.7 284.5#

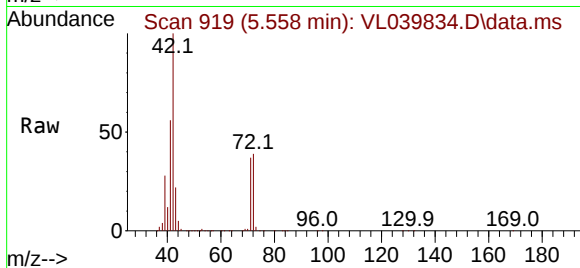
57 0.0 846.5 1269.7#





#41
Tetrahydrofuran
Concen: 9.650 ppbv
RT: 5.558 min Scan# 917
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

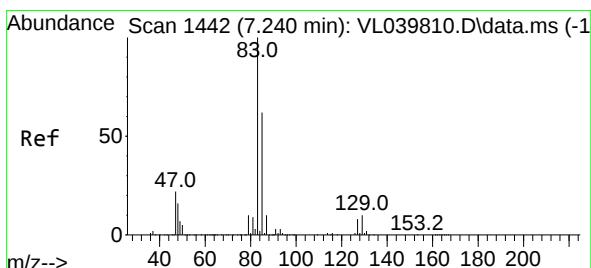
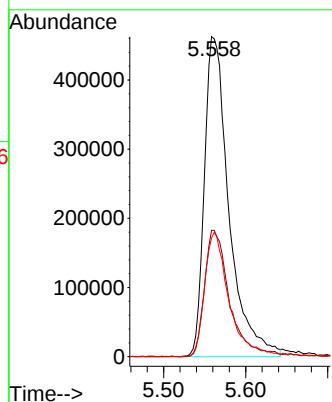
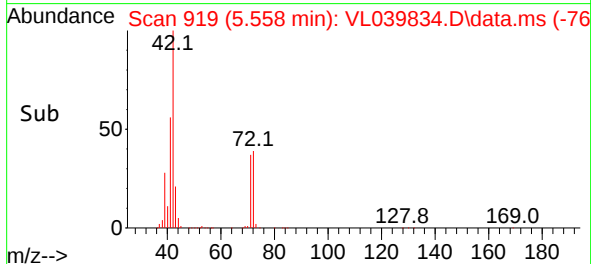
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 42 Resp: 962898
Ion Ratio Lower Upper
42 100
72 40.5 31.4 47.2
71 39.2 31.5 47.3

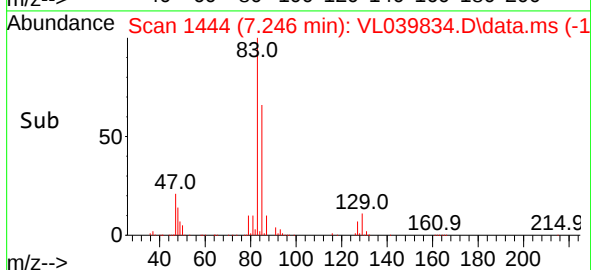
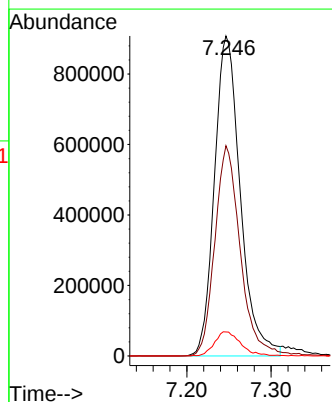
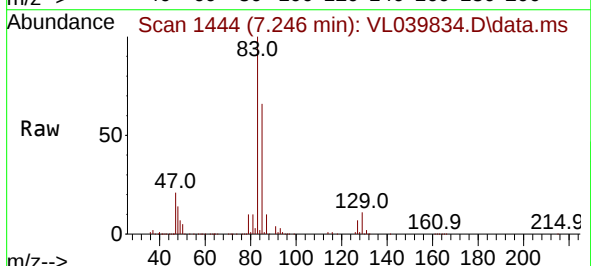
Manual Integrations
APPROVED

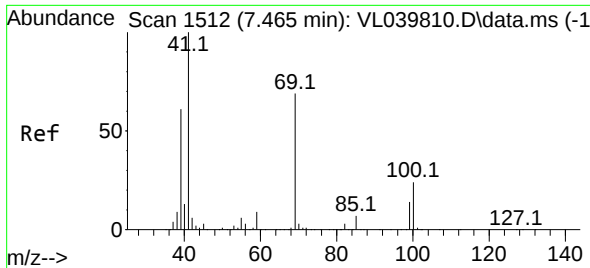
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#42
Bromodichloromethane
Concen: 10.334 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 83 Resp: 1933093
Ion Ratio Lower Upper
83 100
85 65.7 49.9 74.9
127 7.5 6.4 9.6





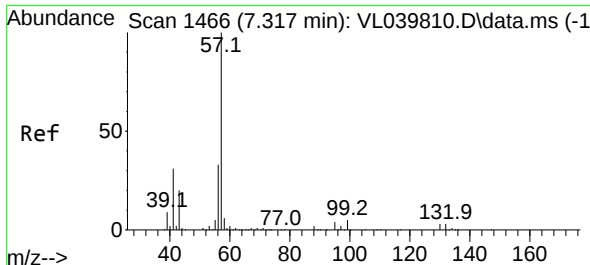
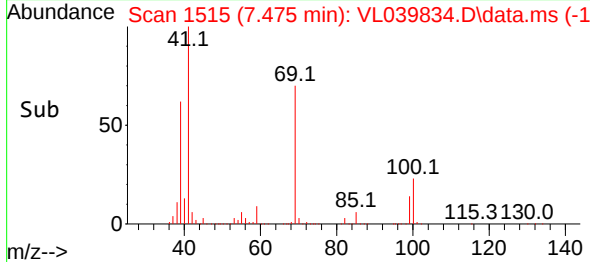
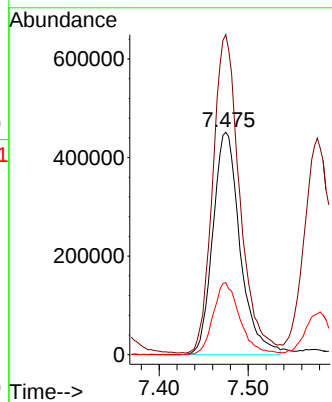
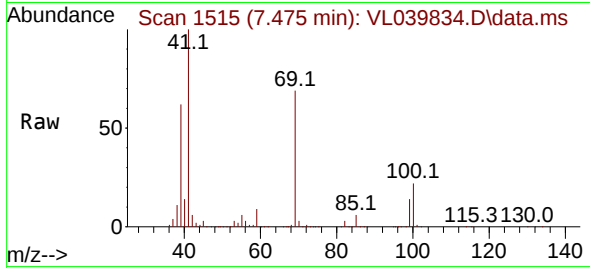
#43
Methyl Methacrylate
Concen: 9.909 ppbv
RT: 7.475 min Scan# 1512
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 69 Resp: 95599
Ion Ratio Lower Upper
69 100
41 143.4 115.7 173.5
100 32.0 25.9 38.9

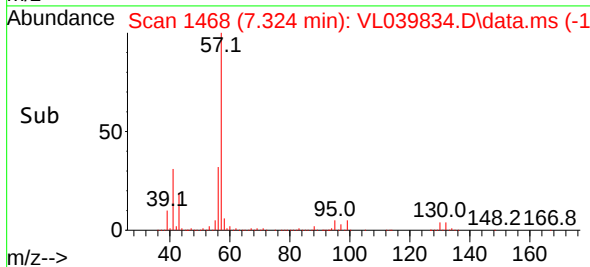
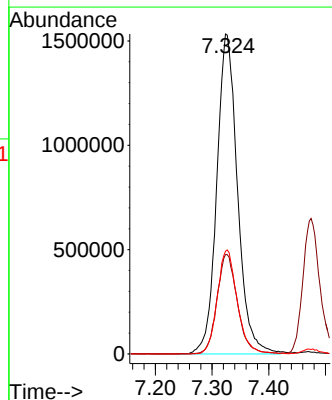
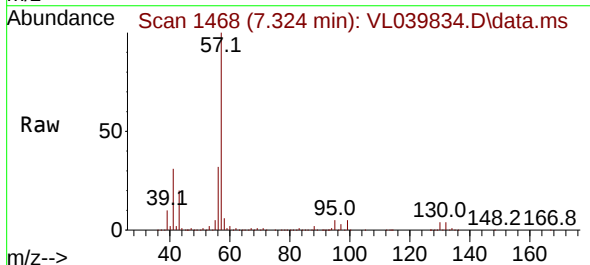
Manual Integrations
APPROVED

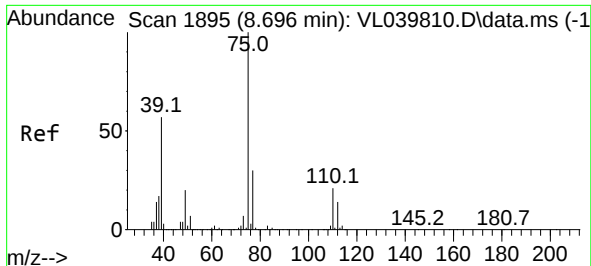
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#44
2,2,4-Trimethylpentane
Concen: 9.451 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 57 Resp: 3894128
Ion Ratio Lower Upper
57 100
41 30.7 24.6 36.8
56 31.4 25.4 38.0





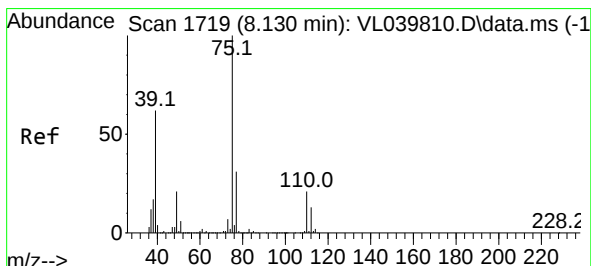
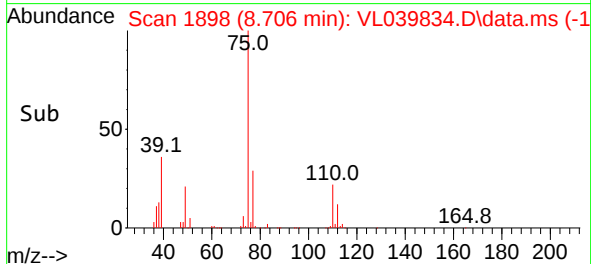
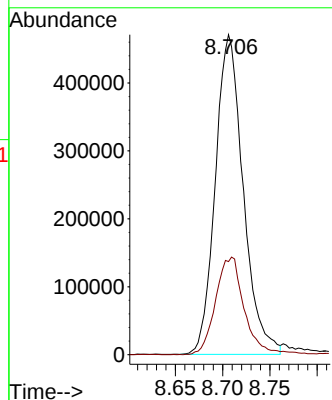
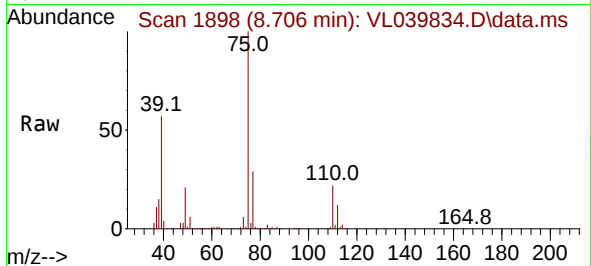
#45
 t-1,3-Dichloropropene
 Concen: 10.445 ppbv
 RT: 8.706 min Scan# 1721
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

Tgt Ion: 75 Resp: 965298
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.4 36.6

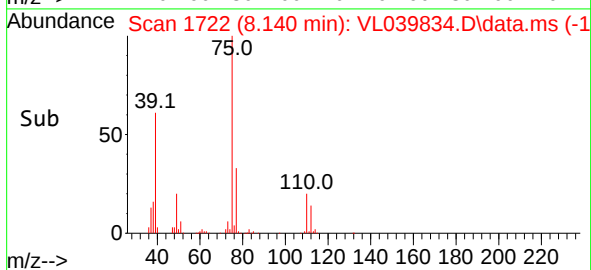
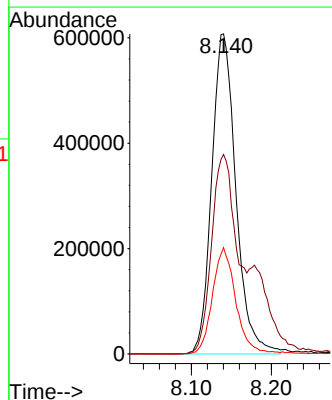
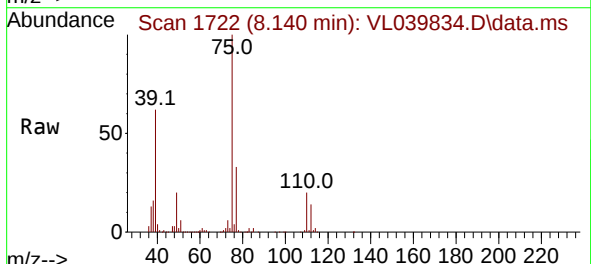
Manual Integrations
 APPROVED

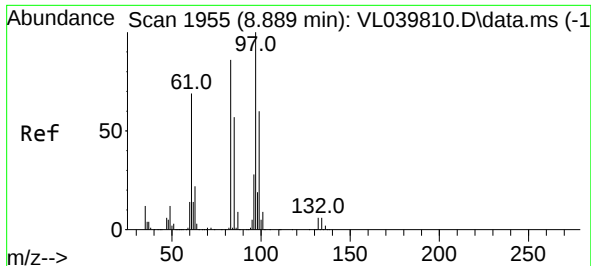
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#46
 cis-1,3-Dichloropropene
 Concen: 10.102 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

Tgt Ion: 75 Resp: 1274297
 Ion Ratio Lower Upper
 75 100
 39 62.3 50.0 75.0
 77 33.2 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.005 ppbv

RT: 8.893 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion: 97 Resp: 963550

Ion Ratio Lower Upper

97 100

83 85.7 68.8 103.2

85 54.6 45.8 68.6

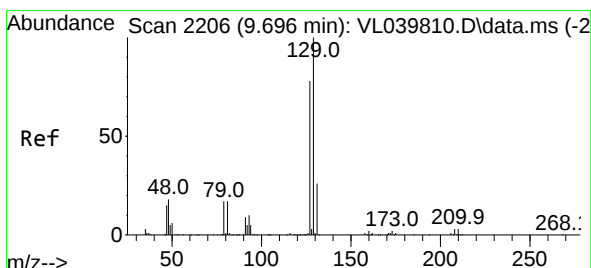
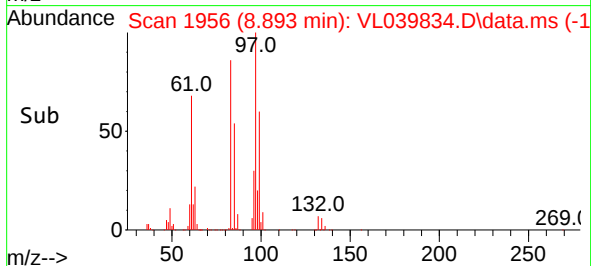
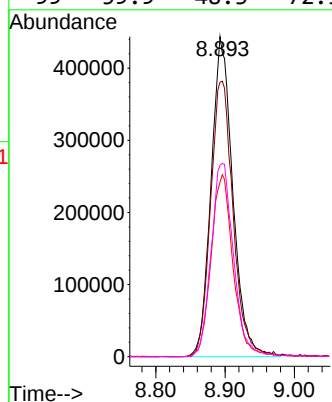
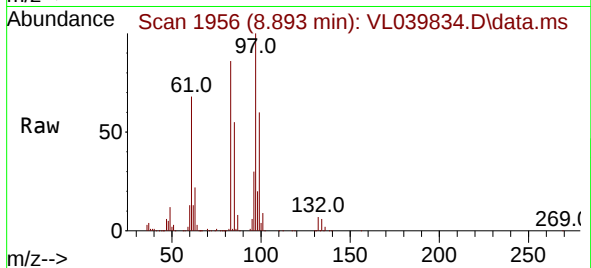
99 59.9 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#48

Dibromochloromethane

Concen: 9.598 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.007 min

Lab File: VL039834.D

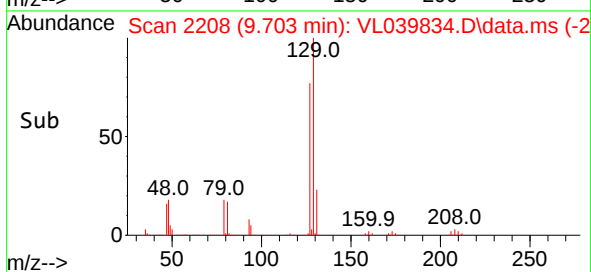
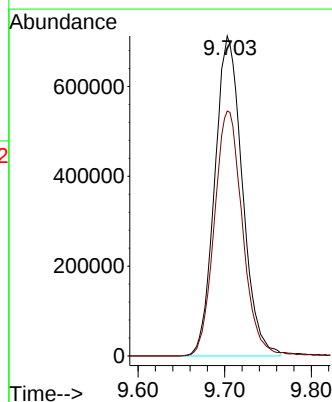
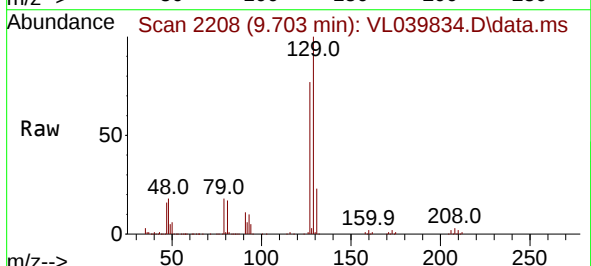
Acq: 7 Nov 2022 10:59

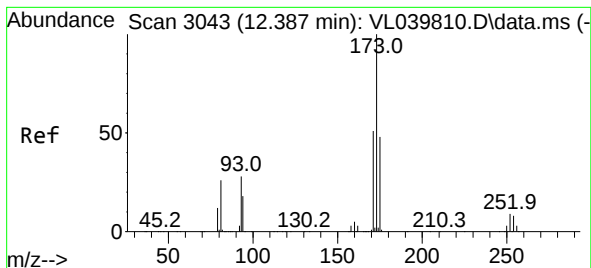
Tgt Ion:129 Resp: 1575124

Ion Ratio Lower Upper

129 100

127 78.5 39.4 118.1





#49

Bromoform

Concen: 8.991 ppbv

RT: 12.401 min Scan# 3043

Delta R.T. 0.013 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:173 Resp: 118598

Ion Ratio Lower Upper

173 100

175 49.7 39.7 59.5

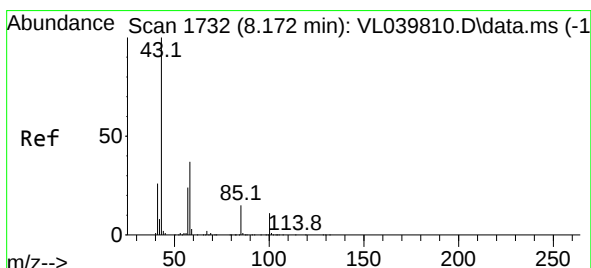
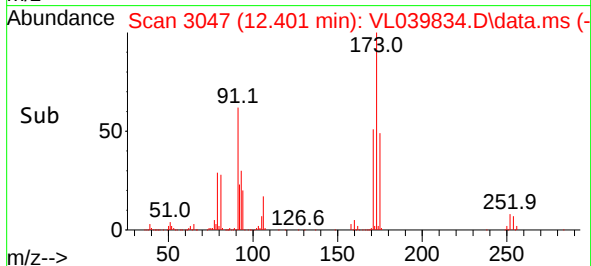
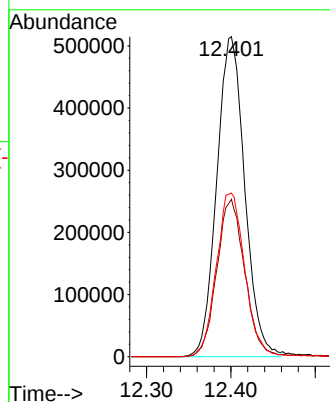
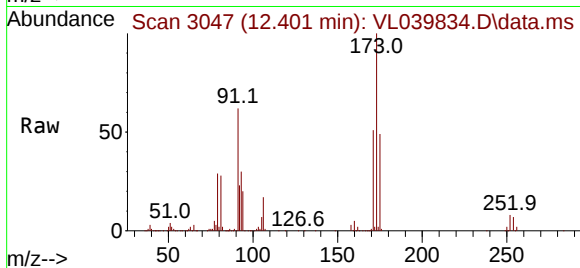
171 52.3 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#50

4-Methyl-2-Pentanone

Concen: 9.826 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.007 min

Lab File: VL039834.D

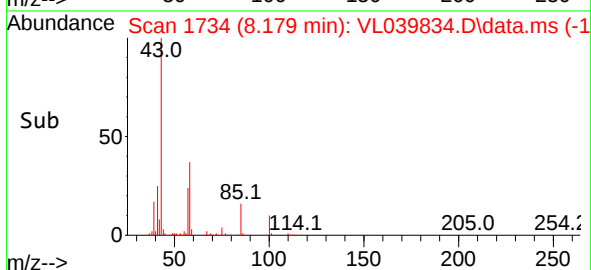
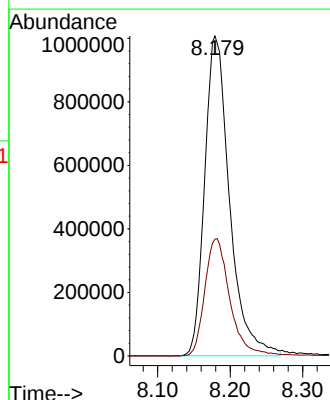
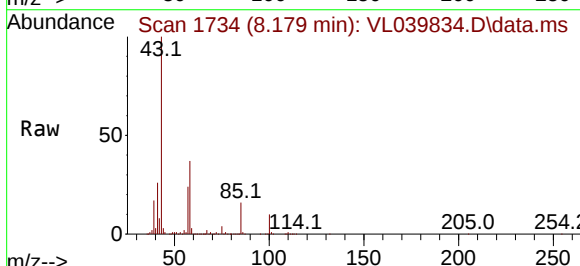
Acq: 7 Nov 2022 10:59

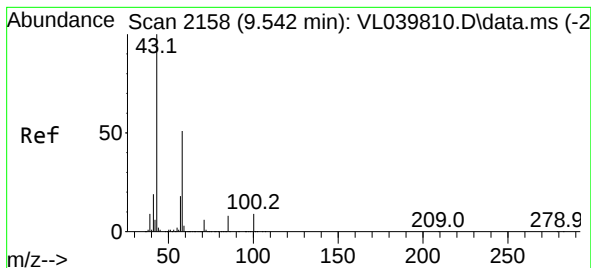
Tgt Ion: 43 Resp: 2401709

Ion Ratio Lower Upper

43 100

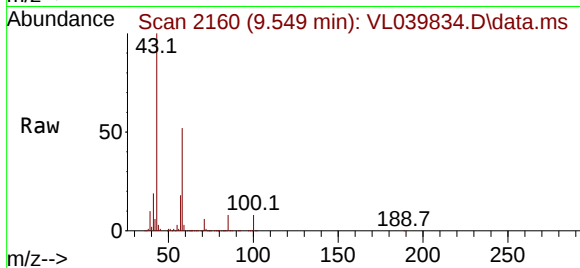
58 37.4 29.8 44.6





#51
2-Hexanone
Concen: 9.959 ppbv
RT: 9.549 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

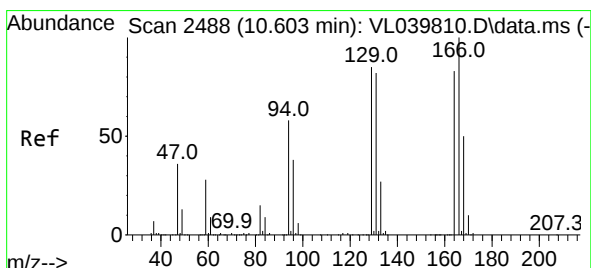
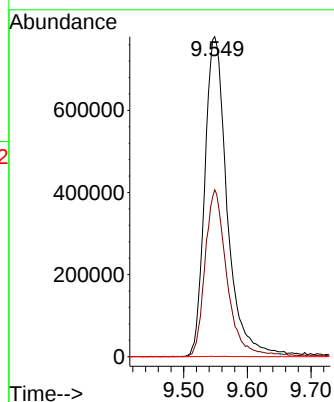
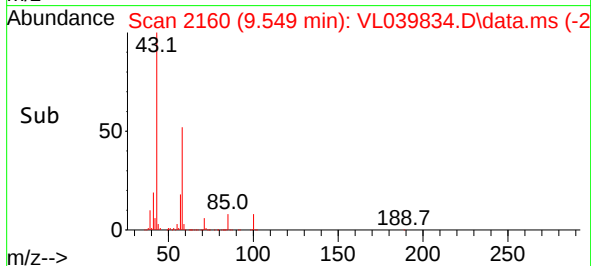
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 43 Resp: 189798
Ion Ratio Lower Upper
43 100
58 51.7 40.5 60.7
98 0.1 0.1 0.1

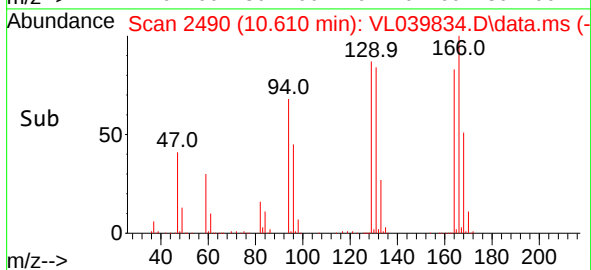
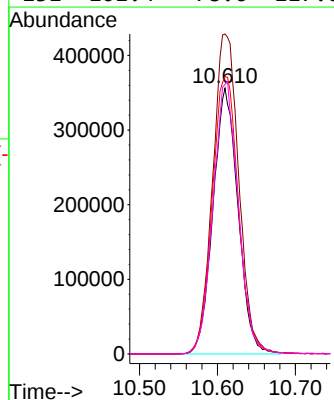
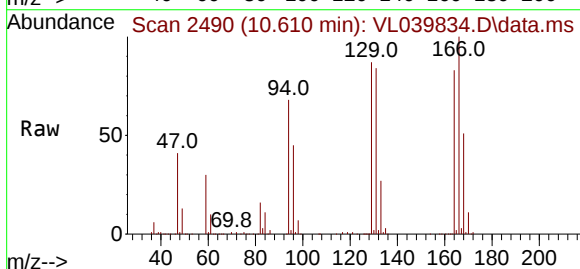
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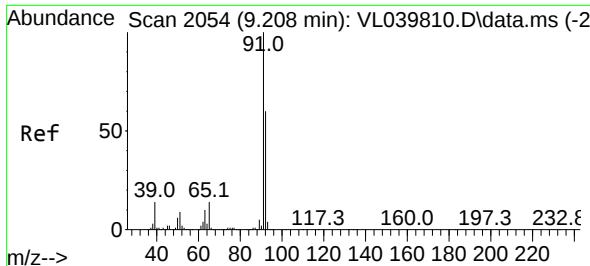
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#52
Tetrachloroethene
Concen: 8.663 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:164 Resp: 792314
Ion Ratio Lower Upper
164 100
166 120.4 96.0 144.0
129 104.3 81.4 122.2
131 101.4 78.6 117.8





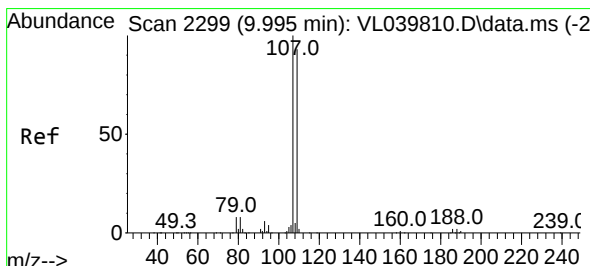
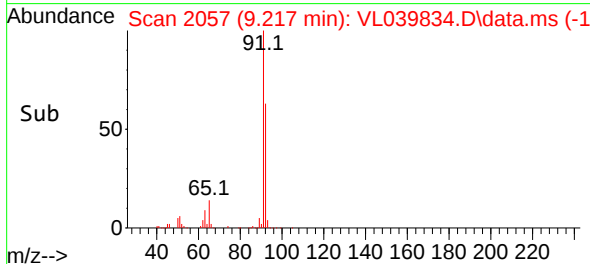
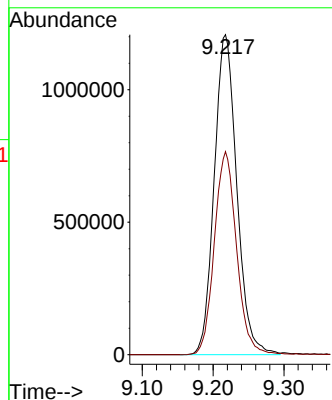
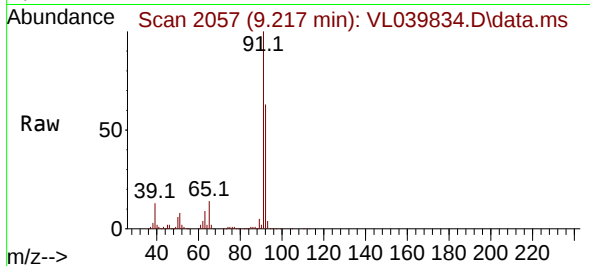
#53
Toluene
Concen: 9.544 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 91 Resp: 267277
Ion Ratio Lower Upper
91 100
92 62.6 49.6 74.4

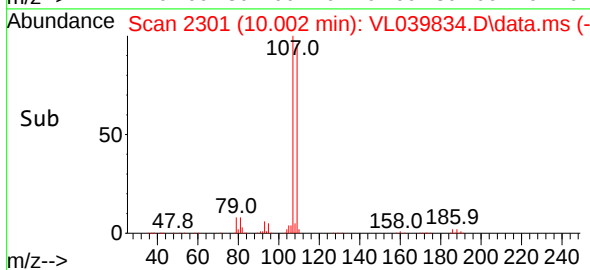
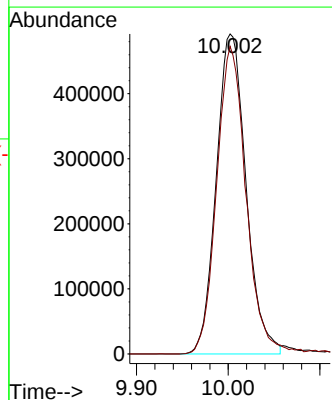
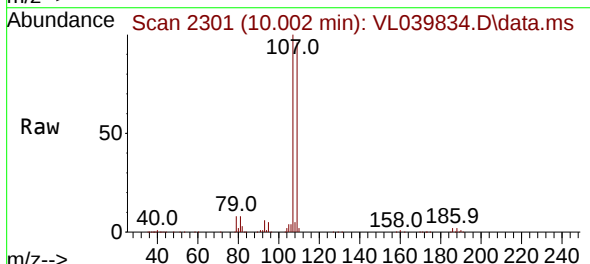
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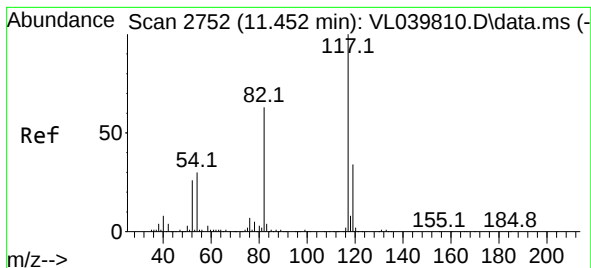
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#54
1,2-Dibromoethane
Concen: 10.376 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:107 Resp: 1109111
Ion Ratio Lower Upper
107 100
109 96.1 74.5 111.7





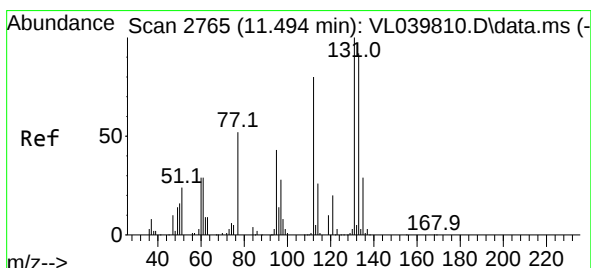
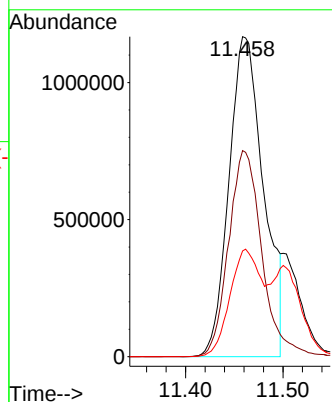
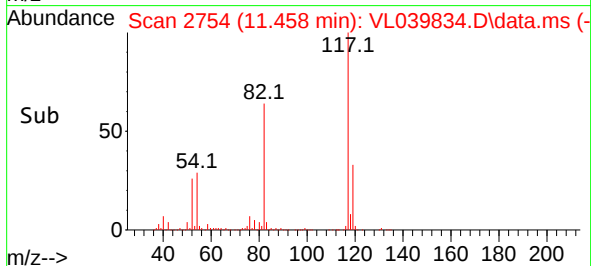
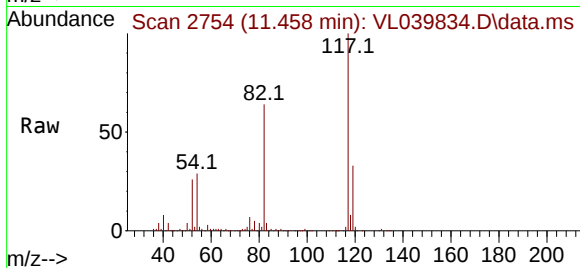
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2752
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion:117 Resp: 2883379
Ion Ratio Lower Upper
117 100
82 62.4 51.0 76.6
119 32.9 24.7 37.1

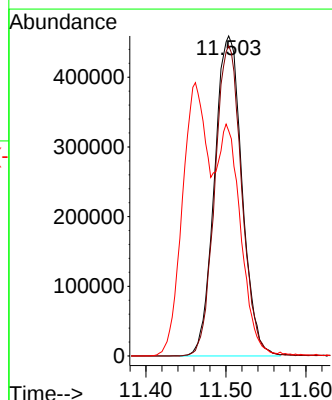
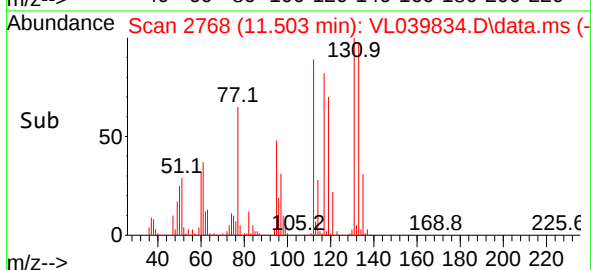
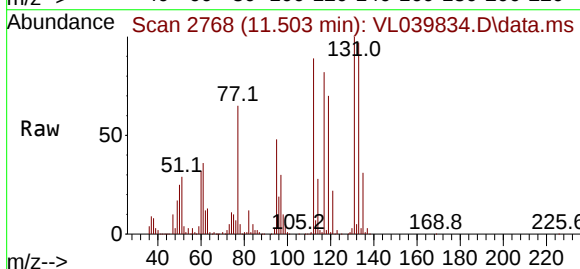
Manual Integrations
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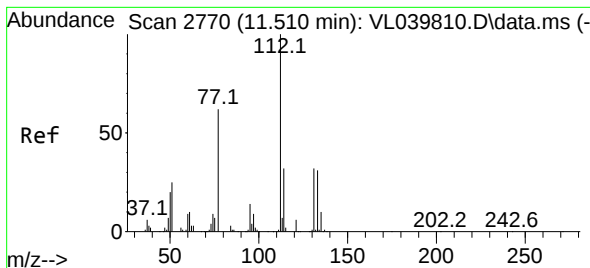
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 8.908 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

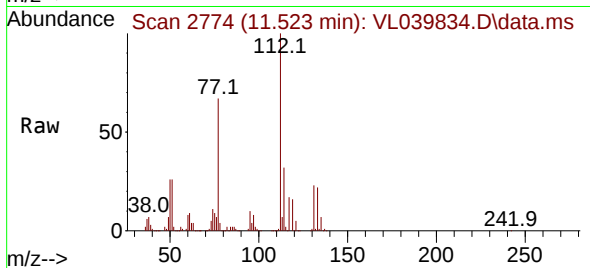
Tgt Ion:131 Resp: 1098188
Ion Ratio Lower Upper
131 100
133 94.9 76.9 115.3
119 67.0 52.2 78.2





#57
Chlorobenzene
Concen: 8.681 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

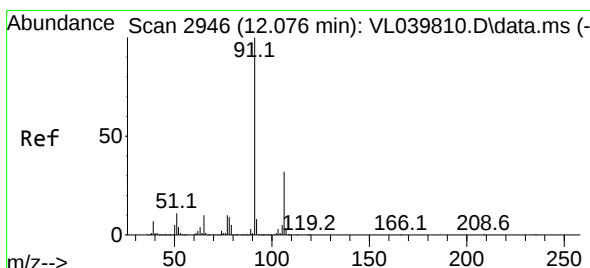
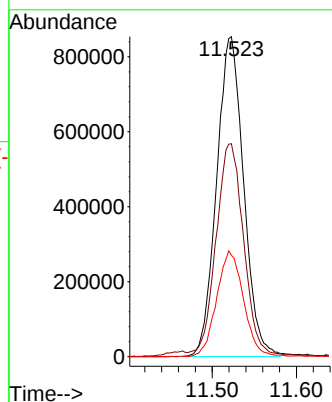
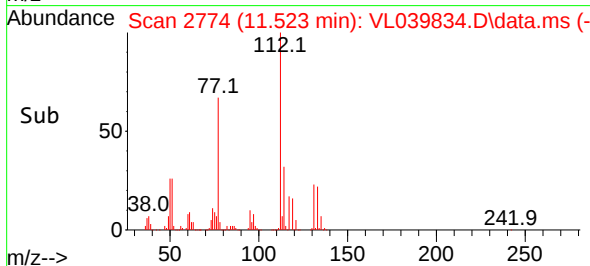
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion:112 Resp: 1898680
Ion Ratio Lower Upper
112 100
77 65.5 49.8 74.6
114 31.6 29.0 35.4

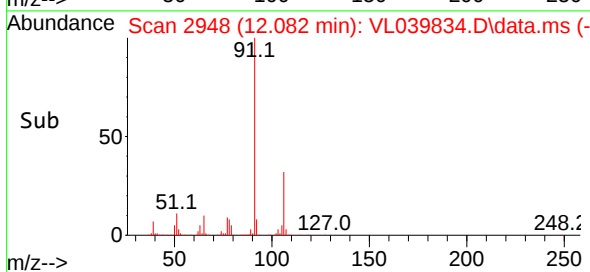
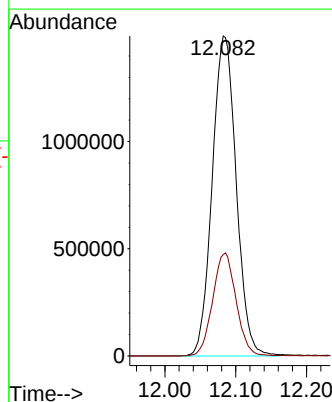
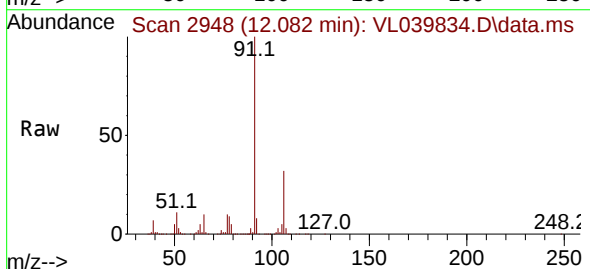
Manual Integrations
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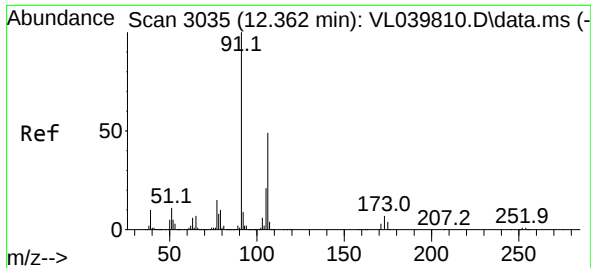
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#58
Ethyl Benzene
Concen: 9.006 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 91 Resp: 3511249
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9





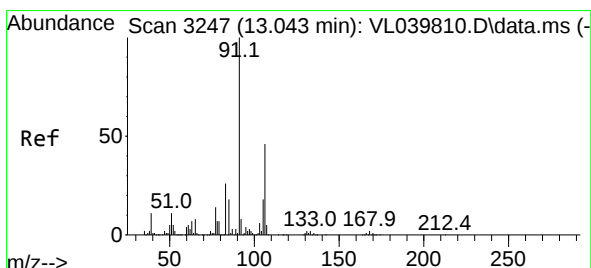
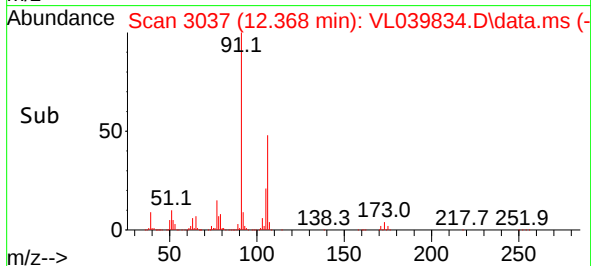
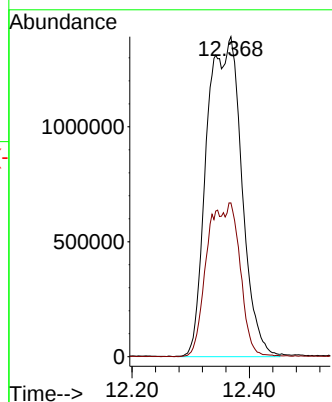
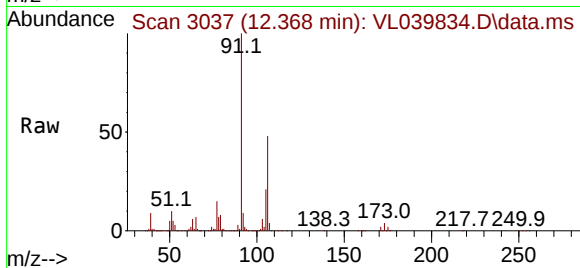
#59
m/p-Xylene
Concen: 17.618 ppbv m
RT: 12.368 min Scan# 3035
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 91 Resp: 573352
Ion Ratio Lower Upper
91 100
106 45.4 37.6 56.4

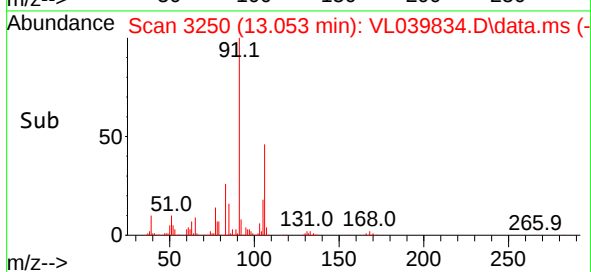
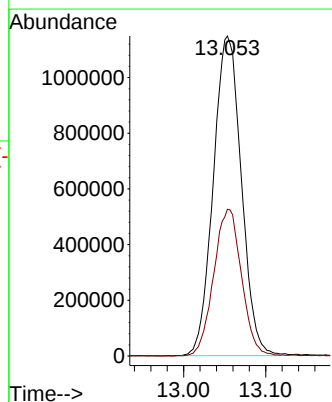
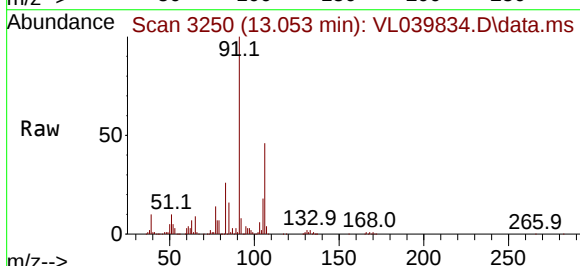
Manual Integrations
APPROVED

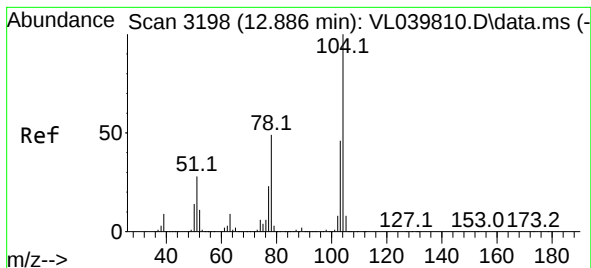
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#60
o-Xylene
Concen: 8.834 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion: 91 Resp: 2723609
Ion Ratio Lower Upper
91 100
106 45.9 23.6 70.8





#61

Styrene

Concen: 9.047 ppbv

RT: 12.893 min Scan# 3198

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:104 Resp: 171640

Ion Ratio Lower Upper

104 100

78 50.6 40.2 60.2

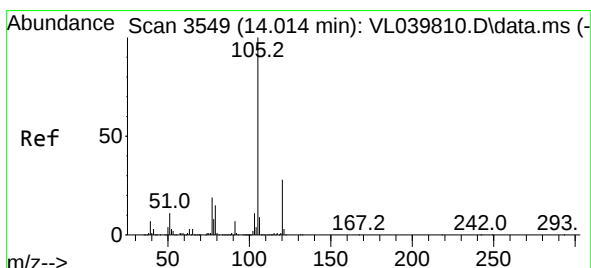
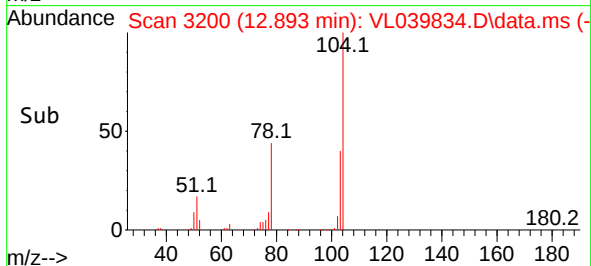
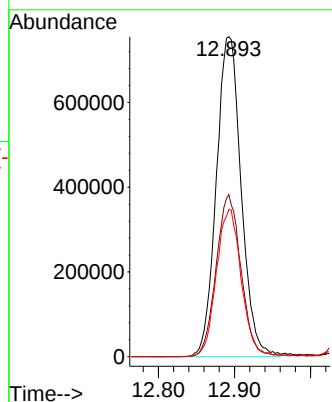
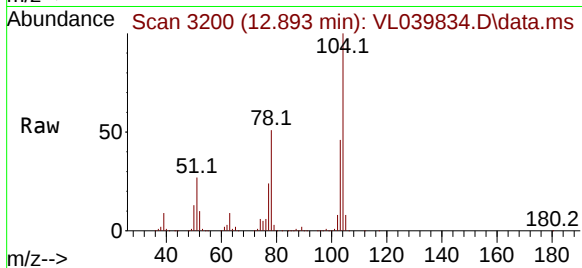
103 46.5 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#62

Isopropylbenzene

Concen: 8.525 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.010 min

Lab File: VL039834.D

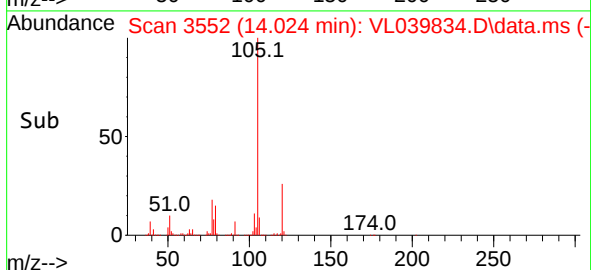
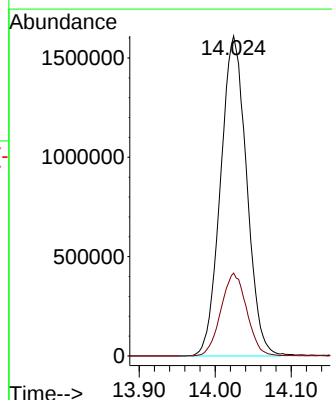
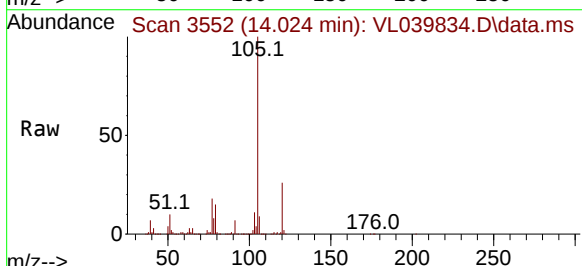
Acq: 7 Nov 2022 10:59

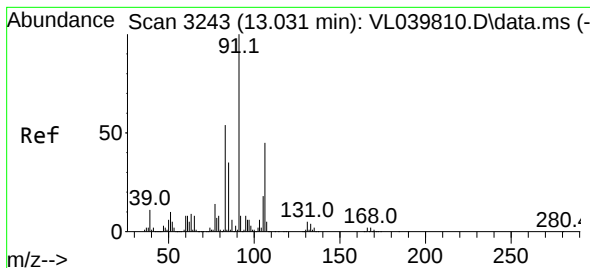
Tgt Ion:105 Resp: 3834444

Ion Ratio Lower Upper

105 100

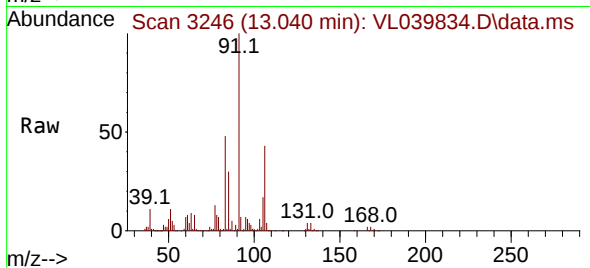
120 25.7 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 8.289 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

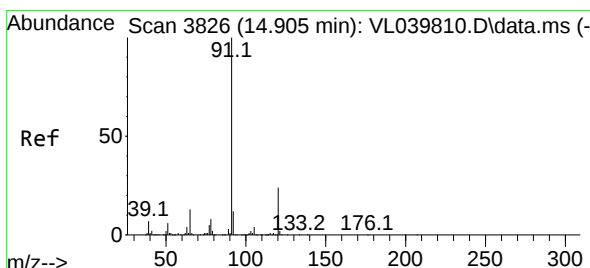
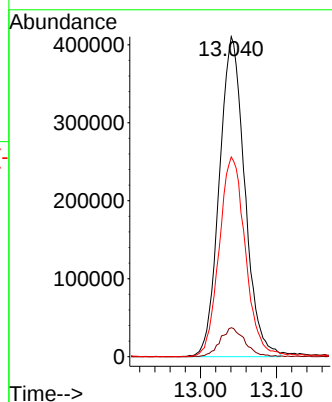
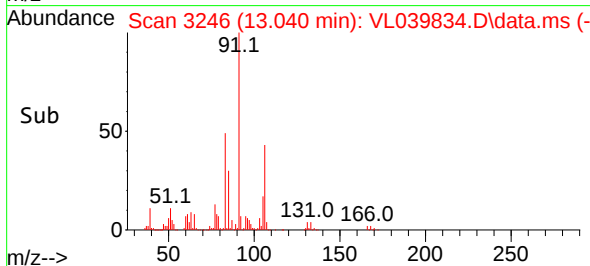
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



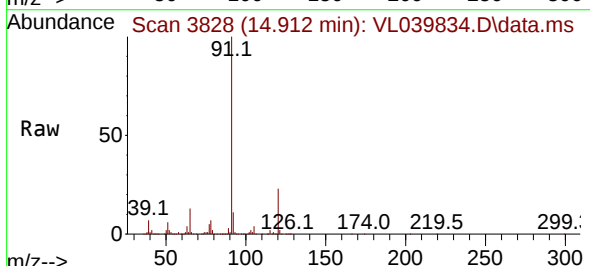
Tgt Ion: 83 Resp: 951734
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 64.8 33.3 99.9

Manual Integrations
APPROVED

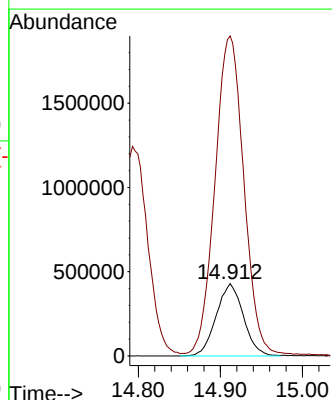
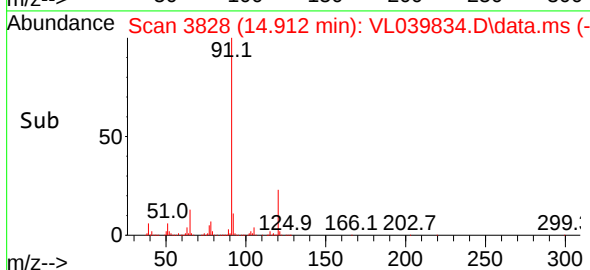
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

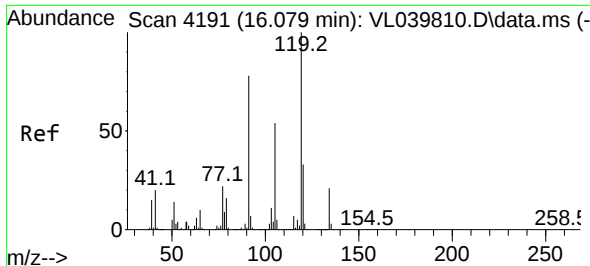


#64
n-propylbenzene
Concen: 8.219 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



Tgt Ion:120 Resp: 988856
Ion Ratio Lower Upper
120 100
91 473.5 354.9 532.3





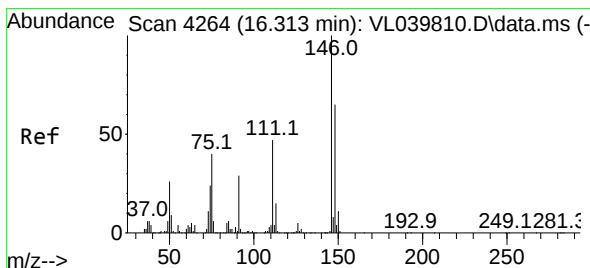
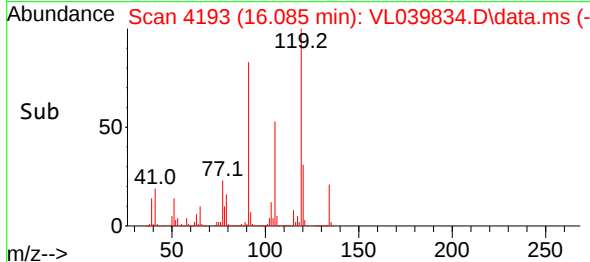
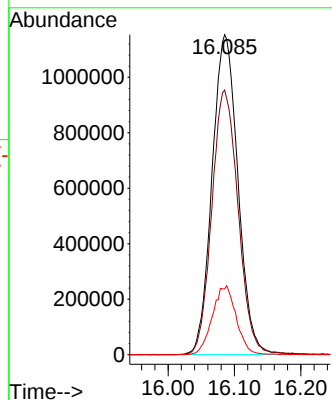
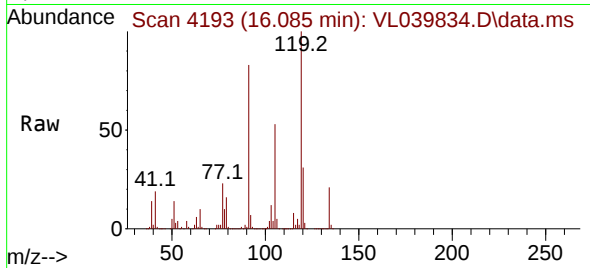
#65
tert-Butylbenzene
Concen: 7.899 ppbv
RT: 16.085 min Scan# 4191
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion:119 Resp: 311933
Ion Ratio Lower Upper
119 100
91 84.4 63.7 95.5
134 20.0 16.2 24.4

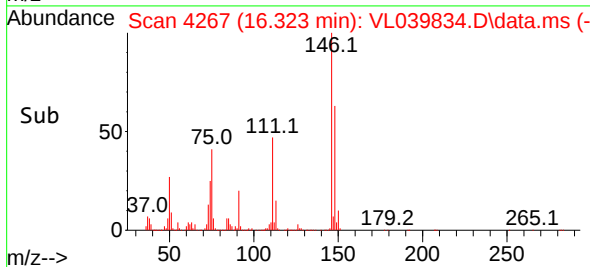
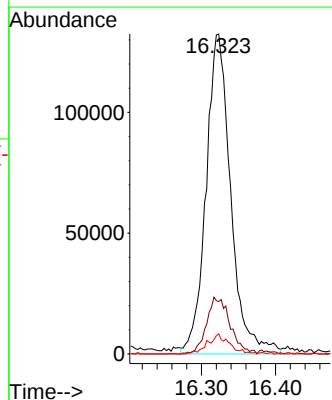
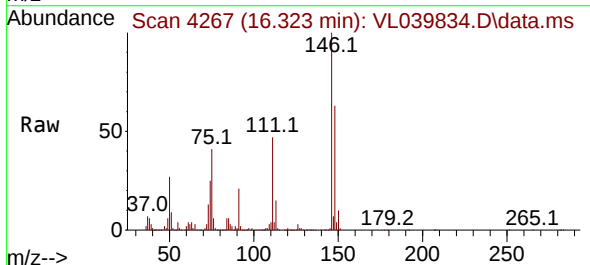
Manual Integrations
APPROVED

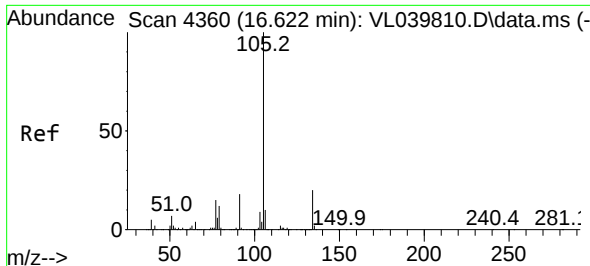
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#66
Benzyl Chloride
Concen: 6.699 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

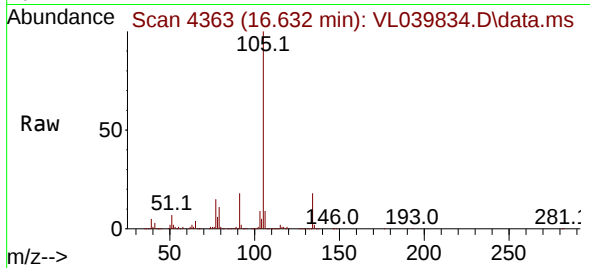
Tgt Ion: 91 Resp: 307608
Ion Ratio Lower Upper
91 100
126 17.6 15.6 23.4
128 5.6 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 8.299 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59

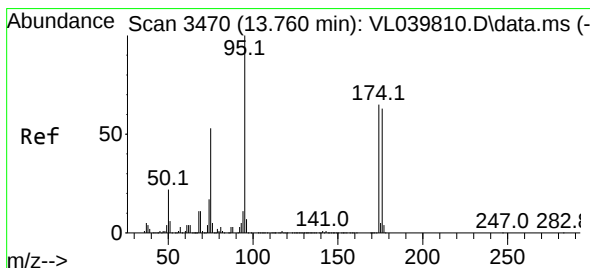
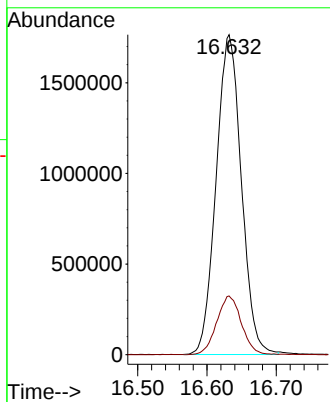
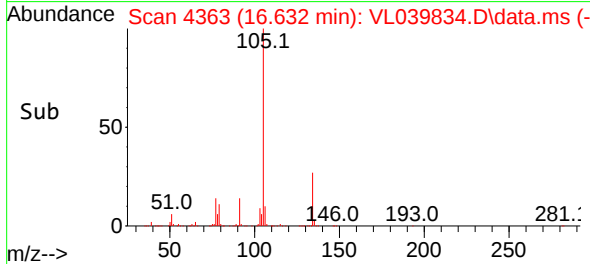
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01



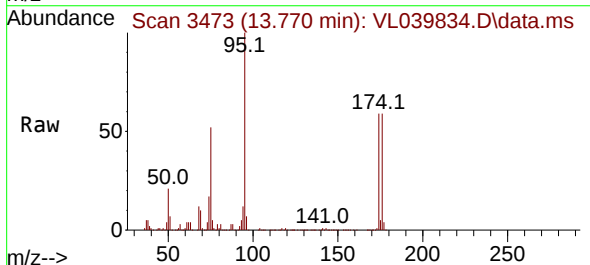
Tgt Ion:105 Resp: 4461408
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.1 22.7

Manual Integrations
 APPROVED

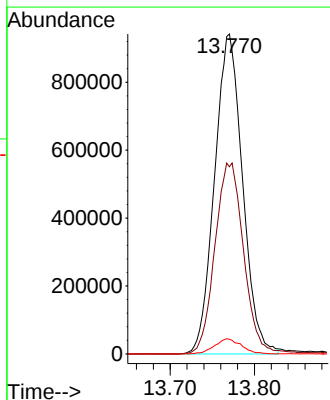
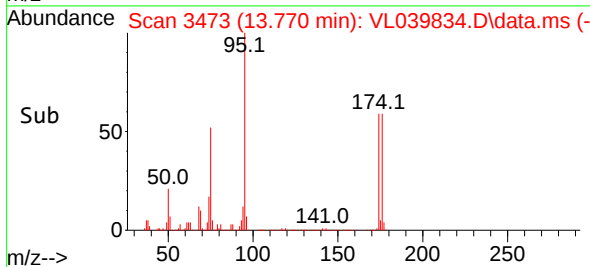
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

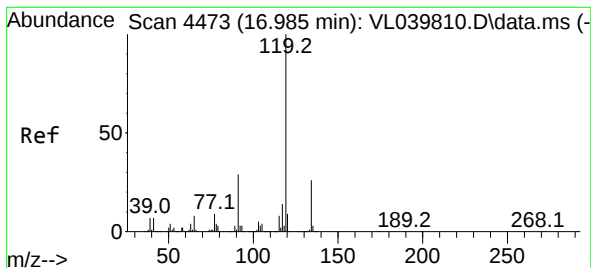


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.065 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.010 min
 Lab File: VL039834.D
 Acq: 7 Nov 2022 10:59



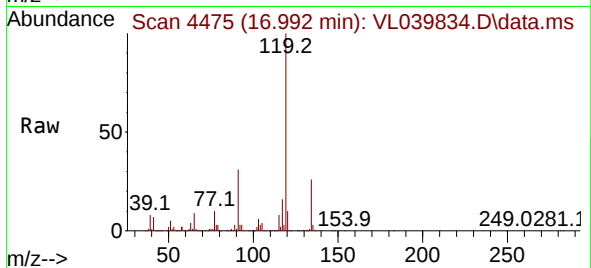
Tgt Ion: 95 Resp: 2172145
 Ion Ratio Lower Upper
 95 100
 174 62.2 53.4 80.0
 175 4.6 4.1 6.1





#69
p-Isopropyltoluene
Concen: 7.864 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

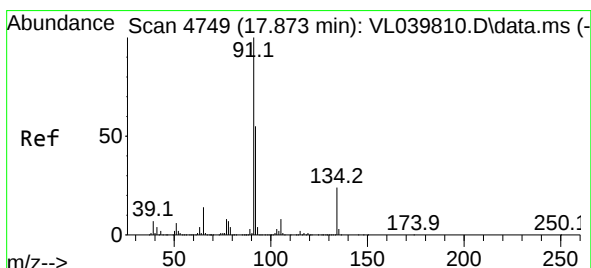
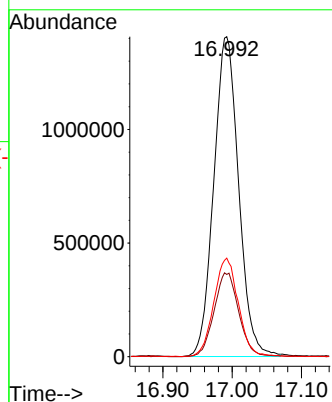
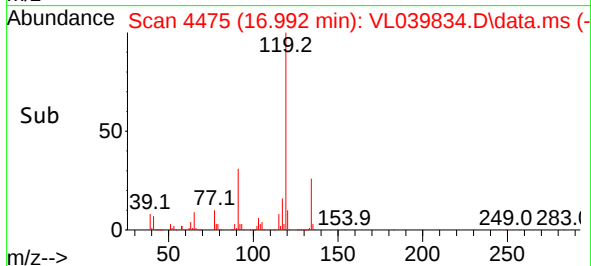
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



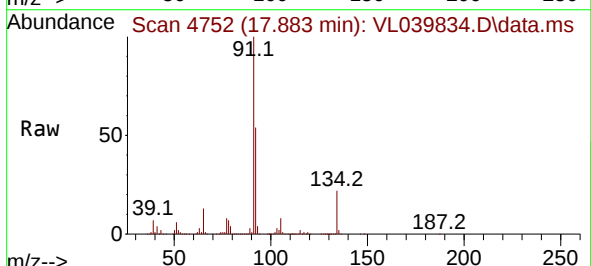
Tgt Ion:119 Resp: 350626
Ion Ratio Lower Upper
119 100
134 26.3 21.0 31.6
91 30.3 22.8 34.2

Manual Integrations
APPROVED

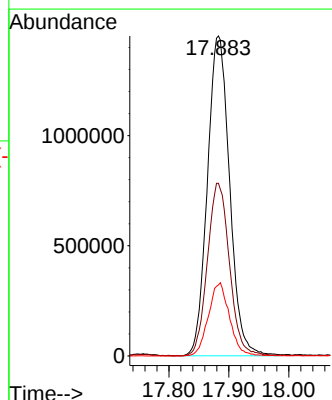
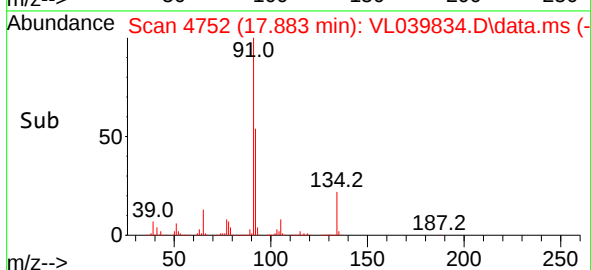
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

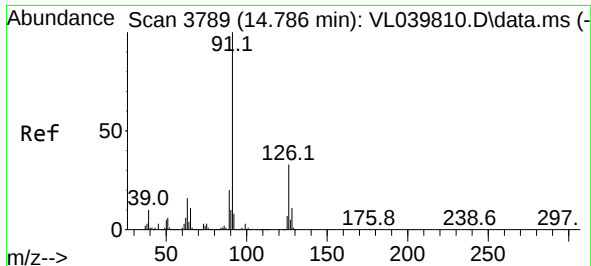


#70
n-Butylbenzene
Concen: 8.682 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



Tgt Ion: 91 Resp: 3742623
Ion Ratio Lower Upper
91 100
92 53.7 44.1 66.1
134 21.9 19.0 28.6





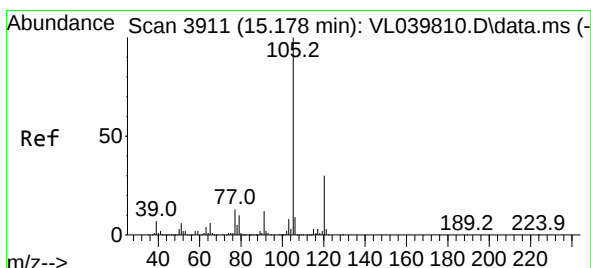
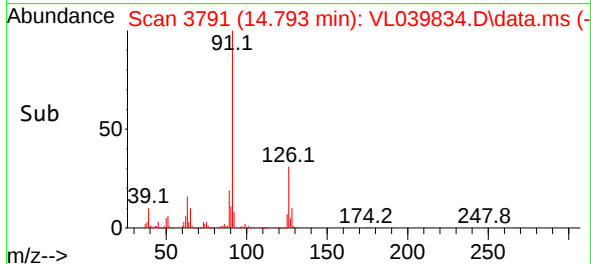
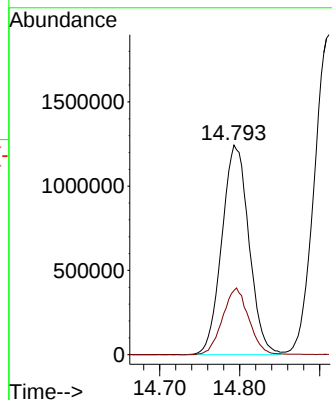
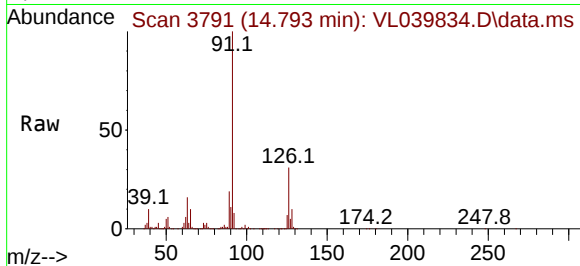
#71
2-Chlorotoluene
Concen: 8.663 ppbv
RT: 14.793 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 91 Resp: 292756
Ion Ratio Lower Upper
91 100
126 31.0 12.9 51.5

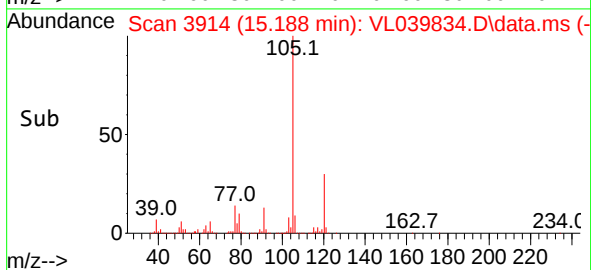
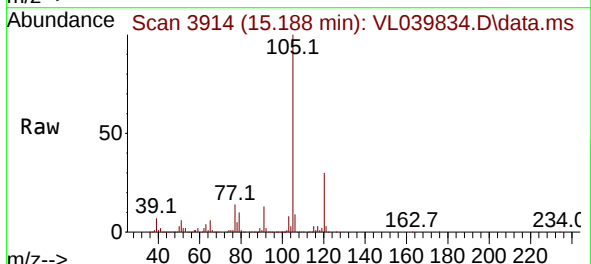
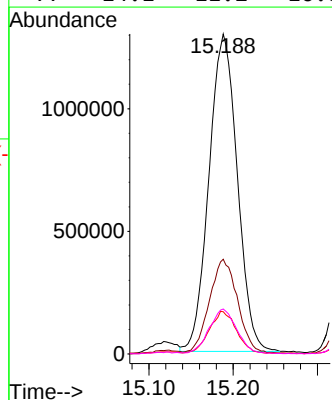
Manual Integrations
APPROVED

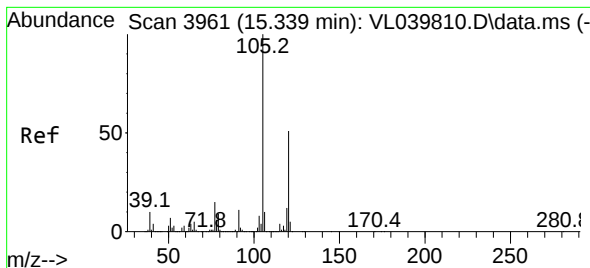
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#72
4-Ethyltoluene
Concen: 8.703 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Tgt Ion:105 Resp: 3021703
Ion Ratio Lower Upper
105 100
120 30.3 26.0 39.0
91 13.0 10.5 15.7
77 14.1 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 8.659 ppbv

RT: 15.346 min Scan# 3961

Delta R.T. 0.007 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:105 Resp: 266516

Ion Ratio Lower Upper

105 100

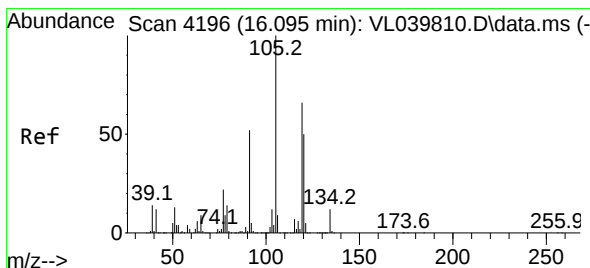
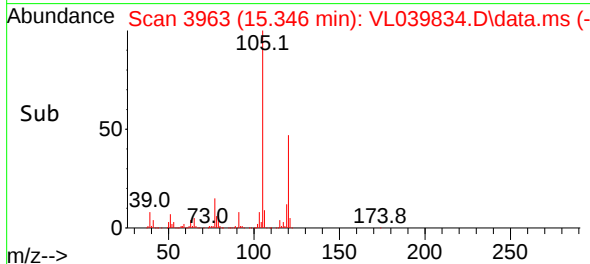
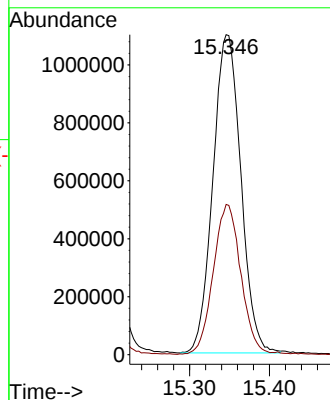
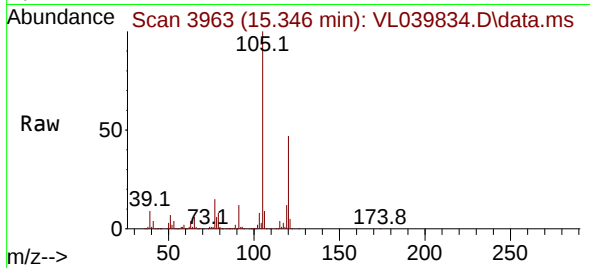
120 46.9 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.463 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.010 min

Lab File: VL039834.D

Acq: 7 Nov 2022 10:59

Tgt Ion:105 Resp: 2767417

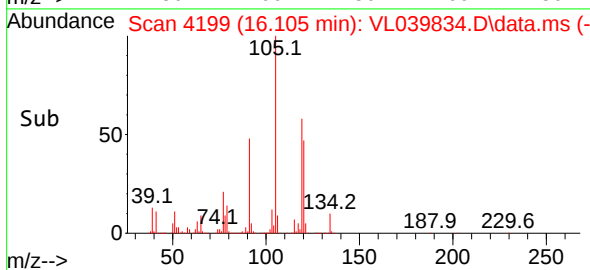
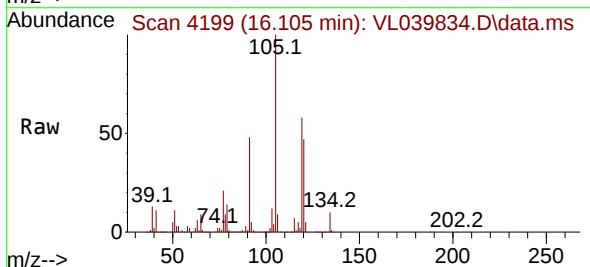
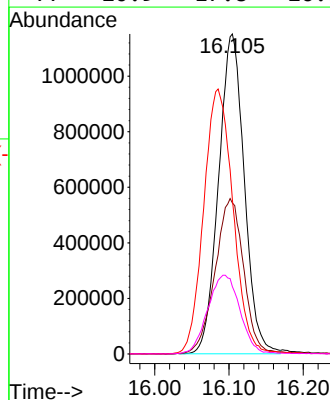
Ion Ratio Lower Upper

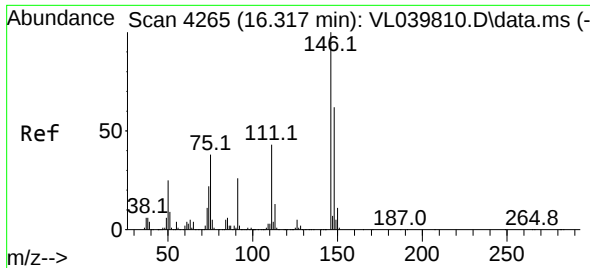
105 100

120 47.1 40.2 60.4

91 47.8 42.6 64.0

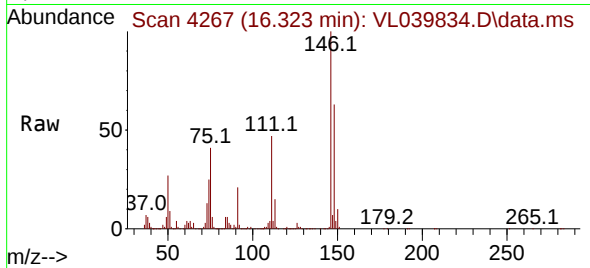
77 20.9 17.8 26.8





#75
1,3-Dichlorobenzene
Concen: 8.123 ppbv
RT: 16.323 min Scan# 4312
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

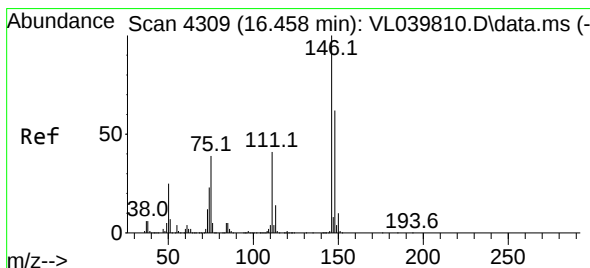
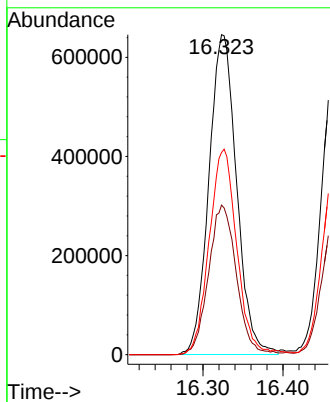
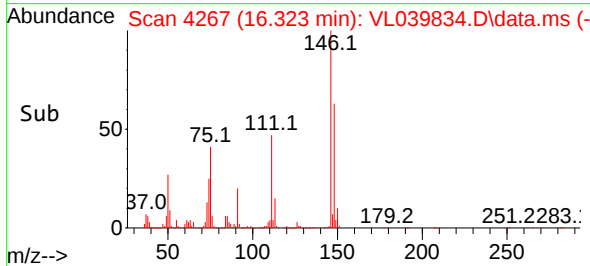
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



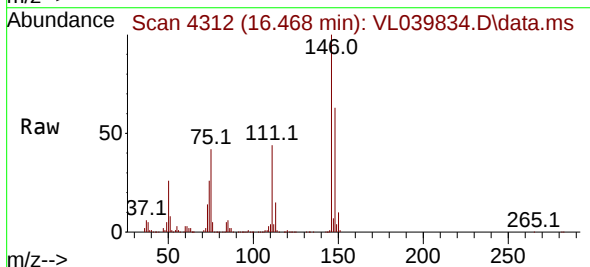
Tgt Ion:146 Resp: 1550874
Ion Ratio Lower Upper
146 100
111 47.0 22.9 68.8
148 64.4 32.3 96.9

Manual Integrations
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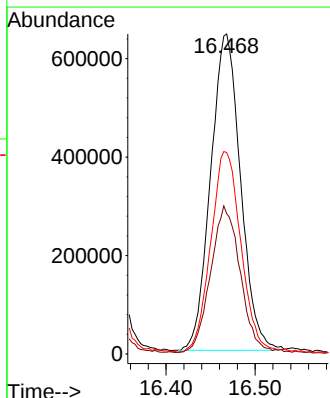
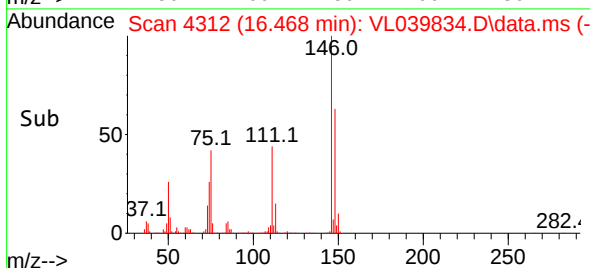
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

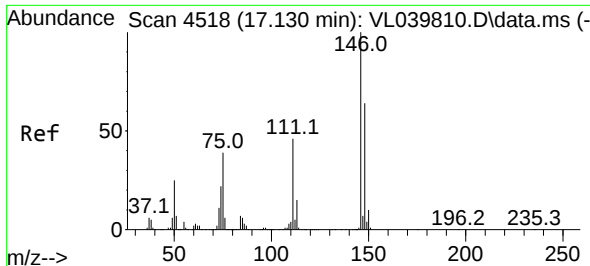


#76
1,4-Dichlorobenzene
Concen: 7.991 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.010 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



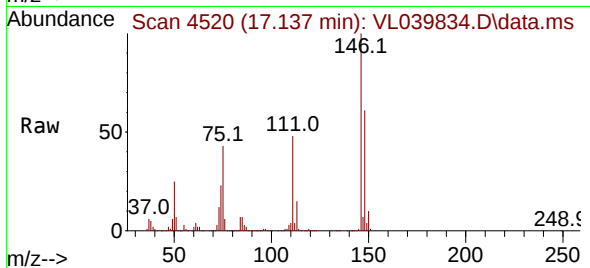
Tgt Ion:146 Resp: 1497115
Ion Ratio Lower Upper
146 100
111 47.3 22.7 68.1
148 66.6 33.1 99.3





#77
1,2-Dichlorobenzene
Concen: 8.134 ppbv
RT: 17.137 min Scan# 4518
Delta R.T. 0.007 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

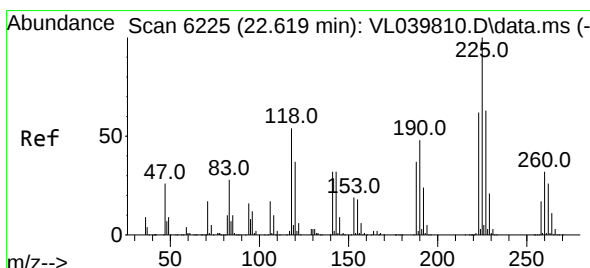
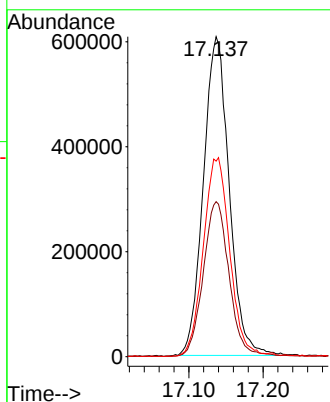
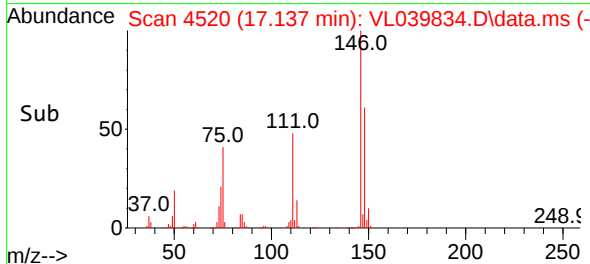
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



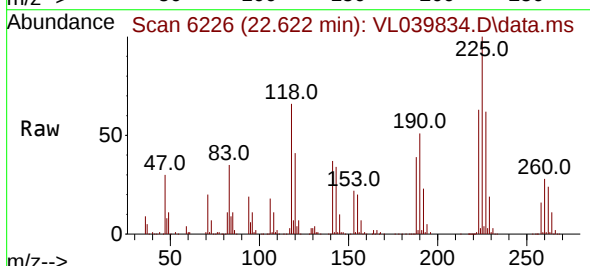
Tgt Ion:146 Resp: 1464086
Ion Ratio Lower Upper
146 100
111 49.0 23.9 71.8
148 64.6 32.4 97.2

Manual Integrations
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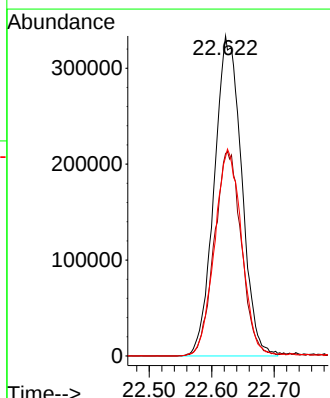
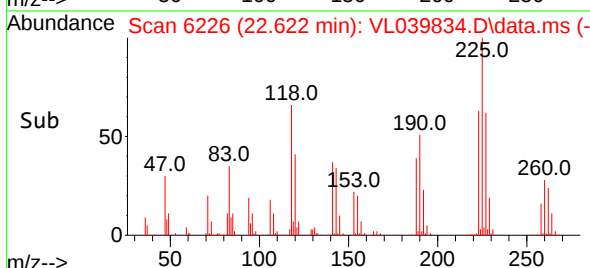
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

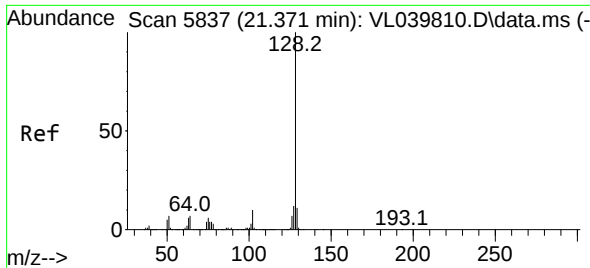


#78
Hexachloro-1,3-Butadiene
Concen: 7.627 ppbv m
RT: 22.622 min Scan# 6226
Delta R.T. 0.003 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



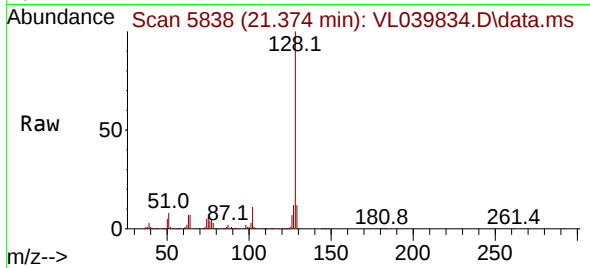
Tgt Ion:225 Resp: 1017117
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 51.6 77.4#





#79
Naphthalene
Concen: 9.687 ppbv
RT: 21.374 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

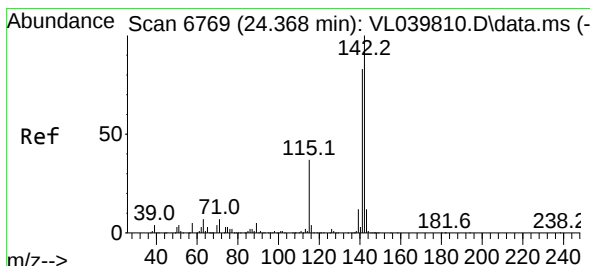
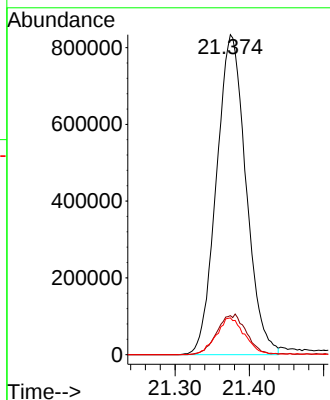
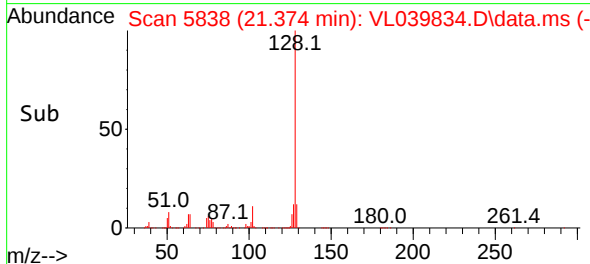
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



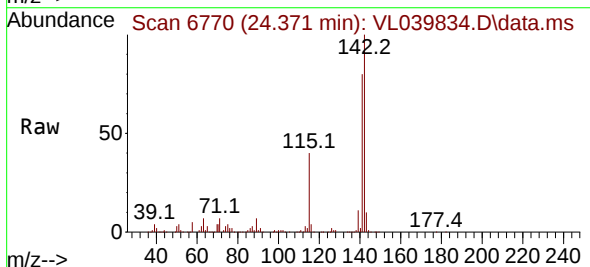
Tgt Ion:128 Resp: 230308
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 11.5 8.6 13.0

Manual Integrations
APPROVED

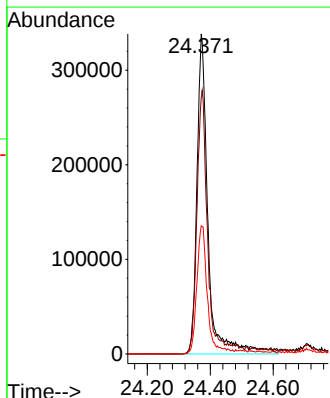
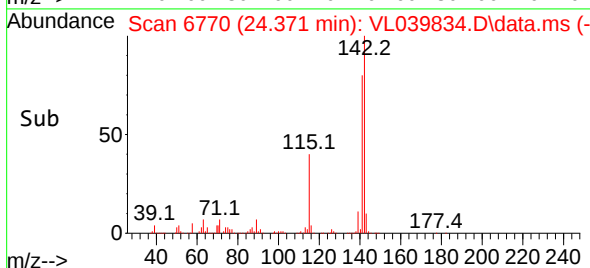
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

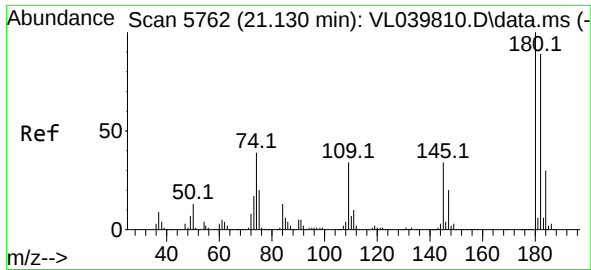


#80
Naphthalene,2-methyl-
Concen: 8.254 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59



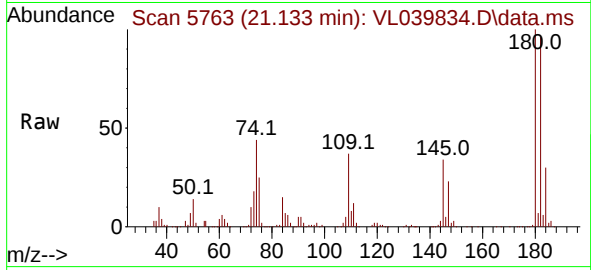
Tgt Ion:142 Resp: 831960
Ion Ratio Lower Upper
142 100
141 79.5 65.1 97.7
115 39.2 29.1 43.7





#81
1,2,4-Trichlorobenzene
Concen: 9.082 ppbv
RT: 21.133 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL039834.D
Acq: 7 Nov 2022 10:59

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion:180 Resp: 120781
Ion Ratio Lower Upper
180 100
182 97.5 78.1 117.1
184 30.3 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

