

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039759.D
 Acq On : 24 Oct 2022 14:35
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/26/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 24 16:50:02 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

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

QLast Update : Sat Oct 22 02:12:34 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1018376	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2694541	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2495549	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1735487 9.797 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	224120	1.314	ppbv	97
3) Chlorodifluoromethane	2.697	51	252559	1.946	ppbv	99
4) Chloromethane	2.832	50	158413	1.951	ppbv	100
5) Vinyl Chloride	2.941	62	131656	2.066	ppbv	90
6) Bromomethane	3.140	94	45320	1.920	ppbv	95
7) Chloroethane	3.211	64	44152	1.869	ppbv	91
8) Dichlorotetrafluoroethane	2.877	85	296646	1.875	ppbv	99
9) Propene	2.716	41	111630	1.884	ppbv	97
10) Heptane	7.581	43	266239	1.936	ppbv	100
11) Trichlorofluoromethane	3.581	101	309717	1.951	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.079	101	232168	1.818	ppbv	96
13) Ethanol	3.276	45	7022m	1.740	ppbv	
14) Bromoethene	3.382	108	93308	1.918	ppbv	99
15) Acetone	3.488	43	266347	2.166	ppbv	95
16) 1,3-Butadiene	3.005	39	119890	1.943	ppbv	95
17) tert-Butyl alcohol	3.899	59	206715m	1.979	ppbv	
18) 1,1-Dichloroethene	3.899	96	104964m	1.916	ppbv	
19) Isopropyl Alcohol	3.600	45	102762	1.711	ppbv	# 90
20) Methylene Chloride	3.947	84	90323	1.827	ppbv	97
21) Allyl Chloride	4.012	41	155325	1.830	ppbv	95
22) trans-1,2-Dichloroethene	4.456	96	104107	1.871	ppbv	93
23) Vinyl Acetate	4.636	43	92762	1.788	ppbv	# 95
24) 1,1-Dichloroethane	4.574	63	211965	1.792	ppbv	95
25) Ethyl Acetate	5.214	43	502864	2.041	ppbv	98
26) Hexane	5.221	57	212125	2.114	ppbv	98
27) Carbon Disulfide	4.137	76	239612	1.907	ppbv	# 94
28) Methyl tert-Butyl Ether	4.603	73	169878	1.785	ppbv	94
29) Chloroform	5.282	83	321589	2.000	ppbv	97
30) Cyclohexane	6.603	84	167844	1.990	ppbv	# 85
31) cis-1,2-Dichloroethene	5.086	61	191111	2.124	ppbv	98
32) 1,1,1-Trichloroethane	6.012	97	305425m	2.189	ppbv	
34) 2-Butanone	4.803	43	257520	2.072	ppbv	98
35) Carbon Tetrachloride	6.494	117	320395	2.294	ppbv	95
36) Benzene	6.375	78	436728	2.148	ppbv	96
37) 1,2-Dichloroethane	5.812	62	232556	2.123	ppbv	98
38) Trichloroethene	7.291	130	247407	2.268	ppbv	97
39) 1,2-Dichloropropane	7.076	63	164845	2.113	ppbv	96
40) 1,4-Dioxane	7.311	88	59987m	2.008	ppbv	
41) Tetrahydrofuran	5.571	42	162446	2.039	ppbv	99
42) Bromodichloromethane	7.250	83	320944	2.133	ppbv	98
43) Methyl Methacrylate	7.478	69	151126	2.066	ppbv	97
44) 2,2,4-Trimethylpentane	7.324	57	747310	2.169	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	115550	1.908	ppbv	89

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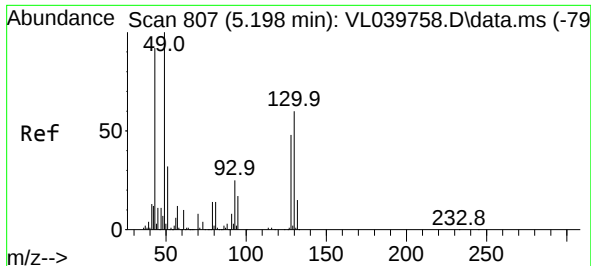
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Sat Oct 22 02:12:34 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	182815	2.131	ppbv	96
47) 1,1,2-Trichloroethane	8.899	97	171780	2.028	ppbv	95
48) Dibromochloromethane	9.703	129	285993	2.238	ppbv	99
49) Bromoform	12.401	173	236447	2.298	ppbv	98
50) 4-Methyl-2-Pentanone	8.188	43	428946	2.117	ppbv	97
51) 2-Hexanone	9.555	43	296746	2.043	ppbv #	99
52) Tetrachloroethene	10.610	164	162446	2.213	ppbv	98
53) Toluene	9.217	91	467986	2.131	ppbv	98
54) 1,2-Dibromoethane	10.002	107	181274	2.128	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.503	131	219274	2.165	ppbv #	1
57) Chlorobenzene	11.520	112	392371	2.143	ppbv	97
58) Ethyl Benzene	12.082	91	624886	2.168	ppbv	100
59) m/p-Xylene	12.365	91	1112042m	4.365	ppbv	
60) o-Xylene	13.050	91	521712	2.141	ppbv	99
61) Styrene	12.889	104	274641	2.154	ppbv	99
62) Isopropylbenzene	14.021	105	789828	2.176	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	204512	2.196	ppbv	100
64) n-propylbenzene	14.908	120	198917	2.181	ppbv	91
65) tert-Butylbenzene	16.082	119	723434	2.275	ppbv	99
66) Benzyl Chloride	16.323	91	43181m	1.943	ppbv	
67) sec-Butylbenzene	16.625	105	991407	2.253	ppbv	99
69) p-Isopropyltoluene	16.989	119	814051	2.296	ppbv	99
70) n-Butylbenzene	17.879	91	789071	2.313	ppbv	98
71) 2-Chlorotoluene	14.796	91	564493	2.185	ppbv	100
72) 4-Ethyltoluene	15.188	105	593320	2.181	ppbv	97
73) 1,3,5-Trimethylbenzene	15.343	105	539239	2.130	ppbv	97
74) 1,2,4-Trimethylbenzene	16.101	105	623034	2.240	ppbv	98
75) 1,3-Dichlorobenzene	16.317	146	361364	2.169	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	335026	2.059	ppbv	95
77) 1,2-Dichlorobenzene	17.133	146	346333	2.139	ppbv	98
78) Hexachloro-1,3-Butadiene	22.616	225	274983	2.351	ppbv	99
79) Naphthalene	21.374	128	437481	2.687	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	134228	2.760	ppbv	92
81) 1,2,4-Trichlorobenzene	21.133	180	260304	2.386	ppbv #	100

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



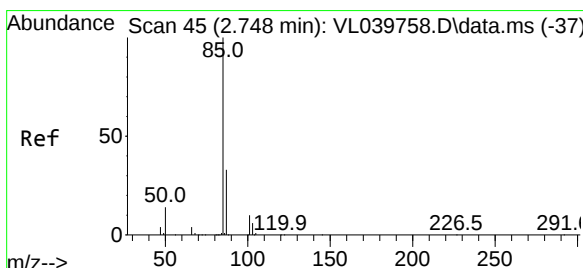
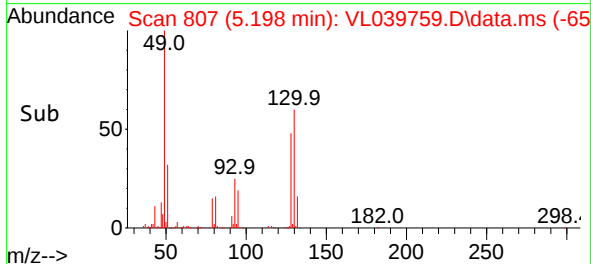
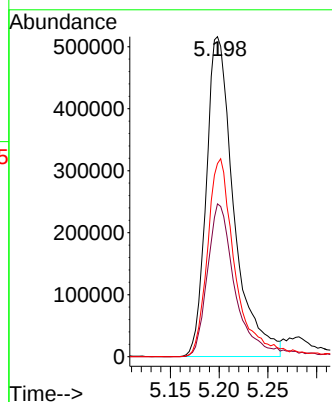
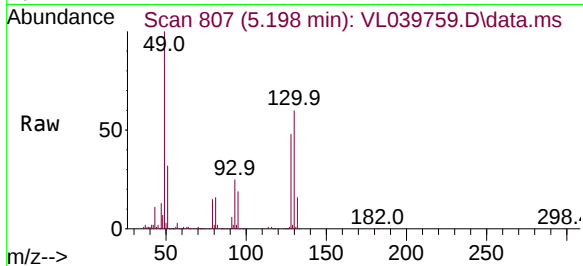
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1018370
Ion Ratio Lower Upper
49 100
128 50.1 22.6 67.8
130 63.5 29.0 87.0

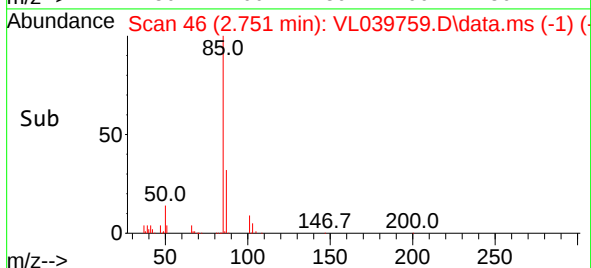
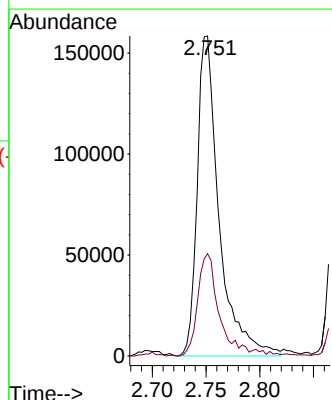
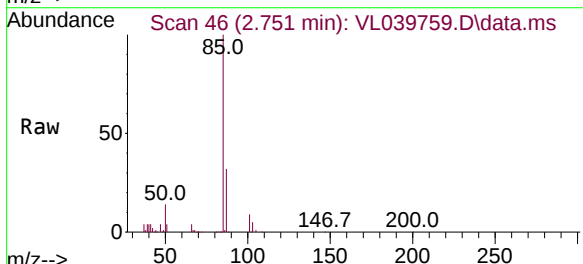
Manual Integrations
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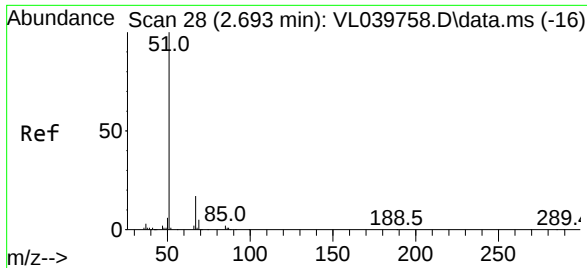
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 1.314 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Tgt Ion: 85 Resp: 224120
Ion Ratio Lower Upper
85 100
87 31.7 26.6 40.0





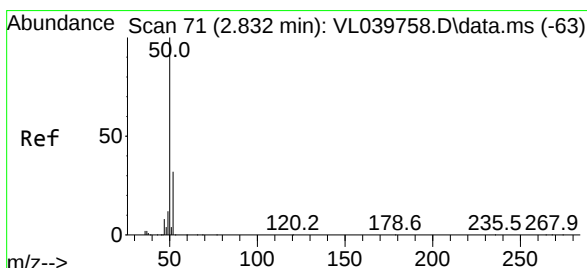
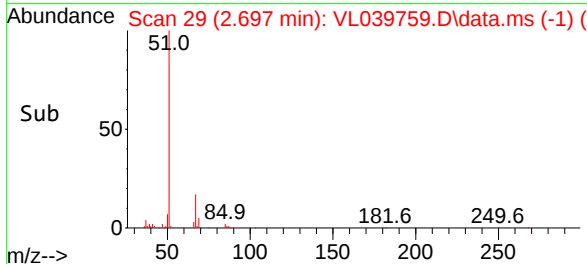
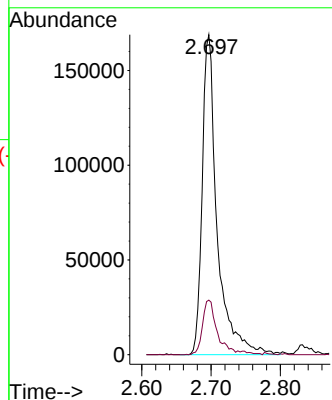
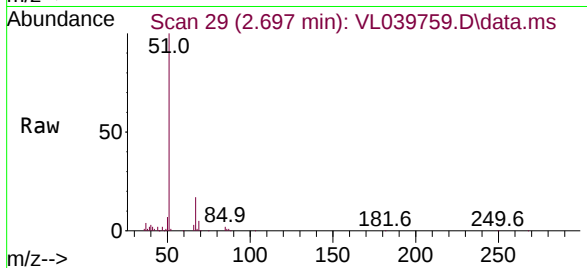
#3
Chlorodifluoromethane
Concen: 1.946 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 51 Resp: 25255
Ion Ratio Lower Upper
51 100
67 17.7 14.6 21.8

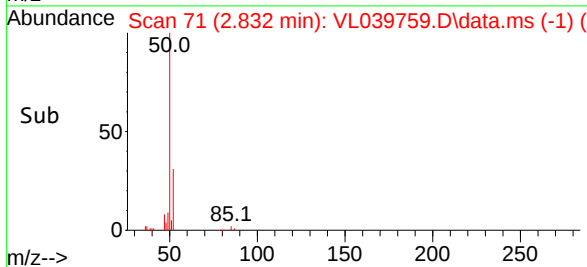
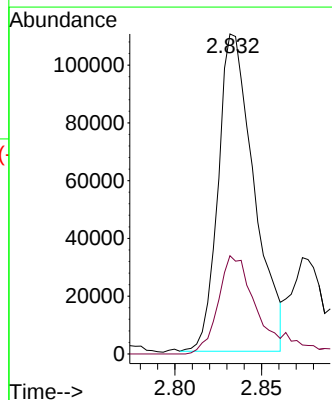
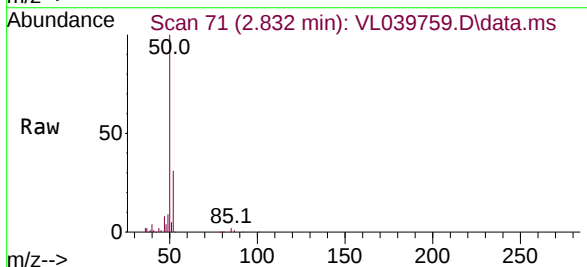
Manual Integrations
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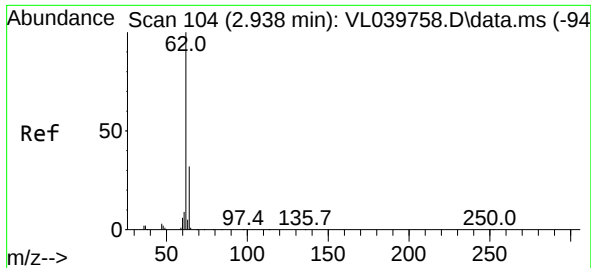
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Chloromethane
Concen: 1.951 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Tgt Ion: 50 Resp: 158413
Ion Ratio Lower Upper
50 100
52 31.0 24.8 37.2





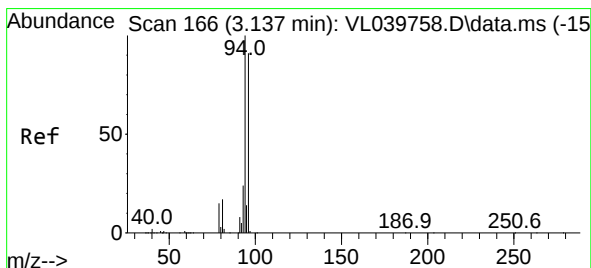
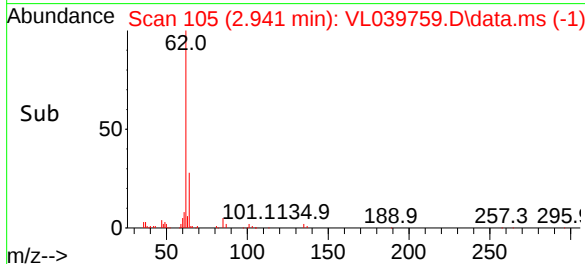
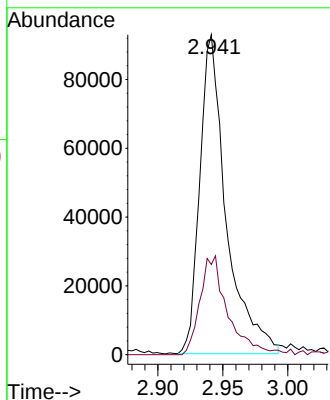
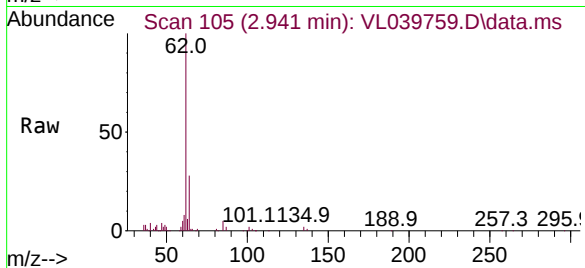
#5
 Vinyl Chloride
 Concen: 2.066 ppbv
 RT: 2.941 min Scan# 104
 Delta R.T. 0.003 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Tgt Ion: 62 Resp: 131650
 Ion Ratio Lower Upper
 62 100
 64 28.3 27.1 40.7

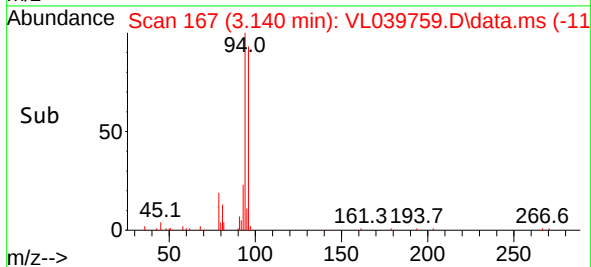
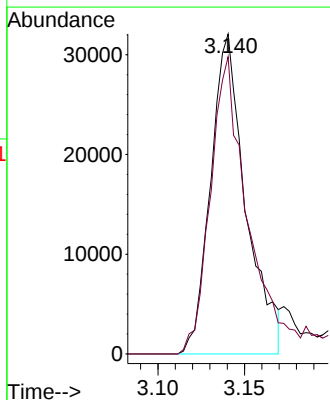
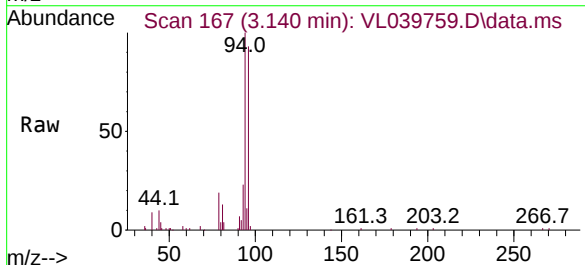
Manual Integrations
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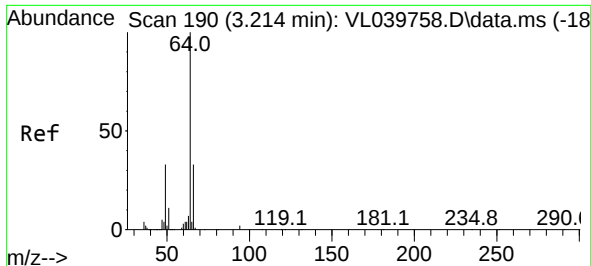
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#6
 Bromomethane
 Concen: 1.920 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.000 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

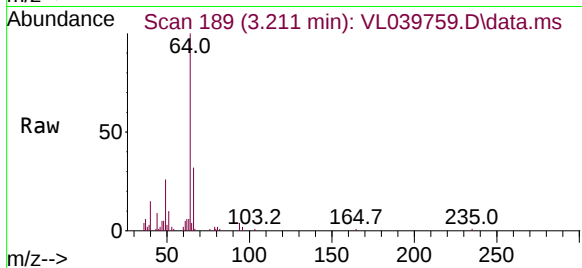
Tgt Ion: 94 Resp: 45320
 Ion Ratio Lower Upper
 94 100
 96 92.9 70.5 105.7





#7
Chloroethane
Concen: 1.869 ppbv
RT: 3.211 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

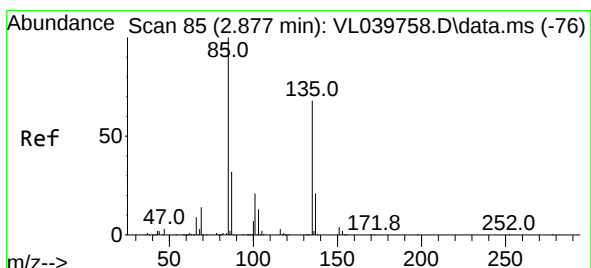
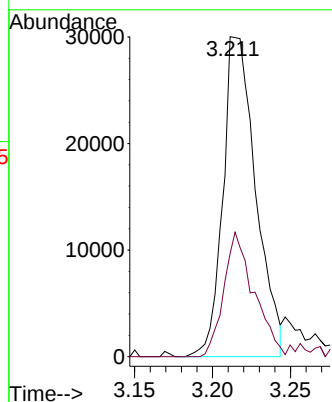
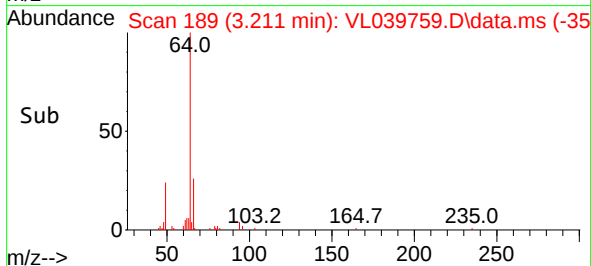
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 64 Resp: 44152
Ion Ratio Lower Upper
64 100
66 32.8 22.6 34.0

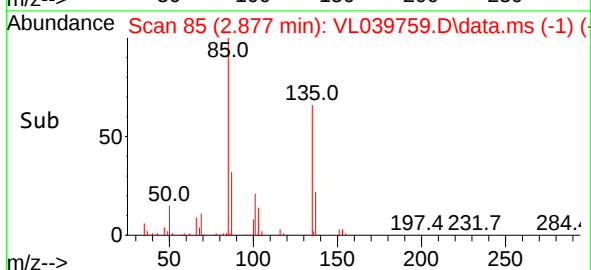
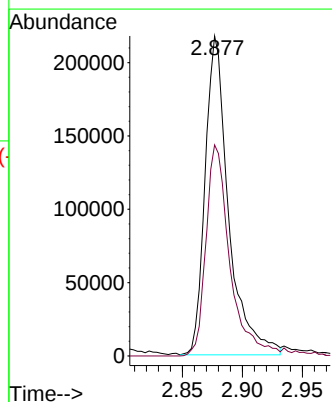
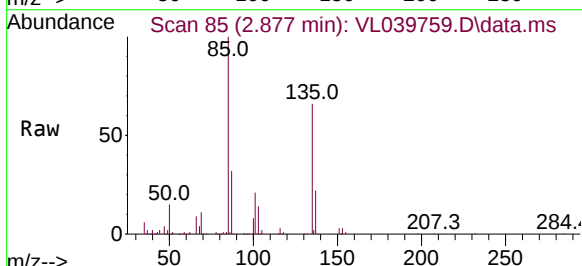
Manual Integrations
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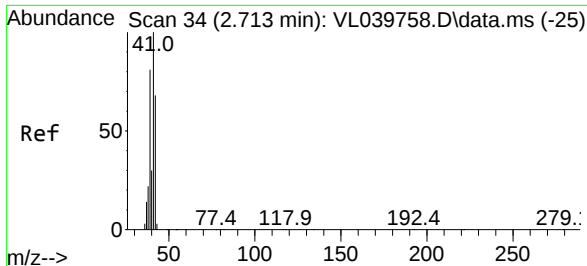
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Dichlorotetrafluoroethane
Concen: 1.875 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

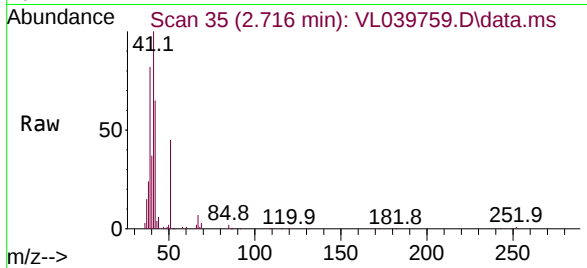
Tgt Ion: 85 Resp: 296646
Ion Ratio Lower Upper
85 100
135 69.0 56.1 84.1





#9
 Propene
 Concen: 1.884 ppbv
 RT: 2.716 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

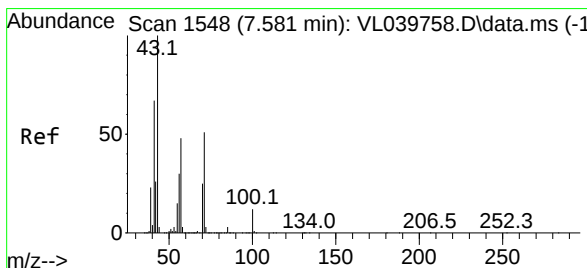
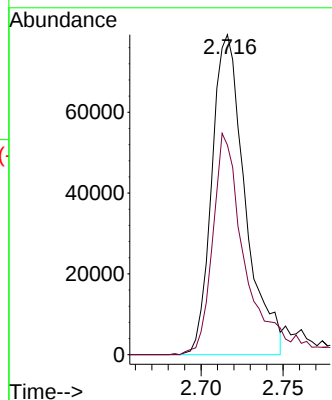
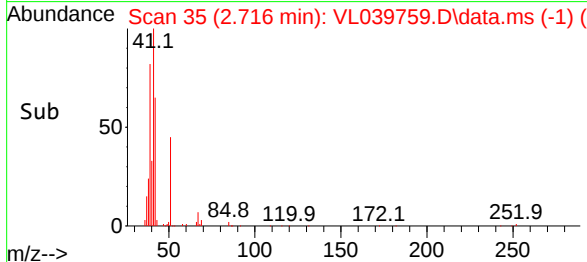
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



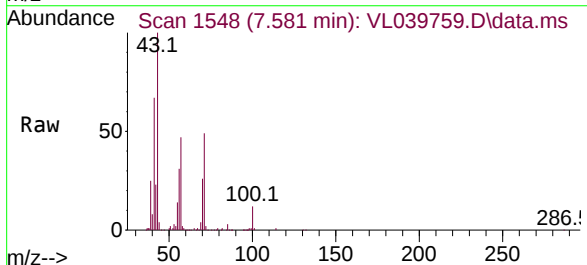
Tgt Ion: 41 Resp: 111630
 Ion Ratio Lower Upper
 41 100
 42 70.3 54.4 81.6

Manual Integrations
 APPROVED

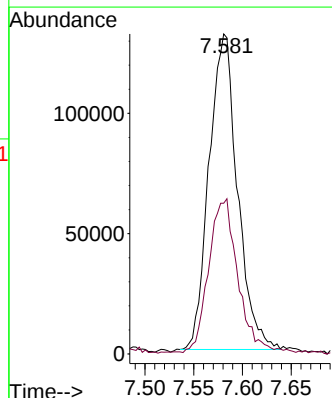
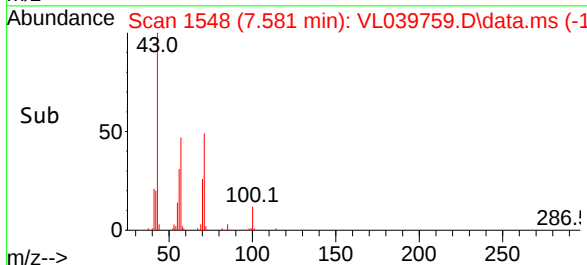
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

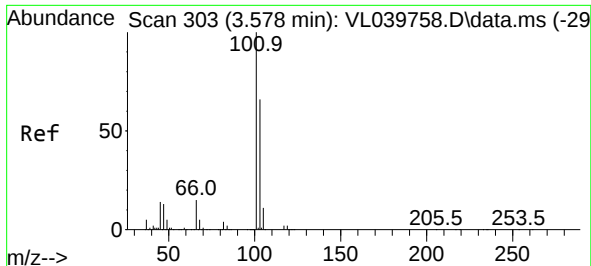


#10
 Heptane
 Concen: 1.936 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.003 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35



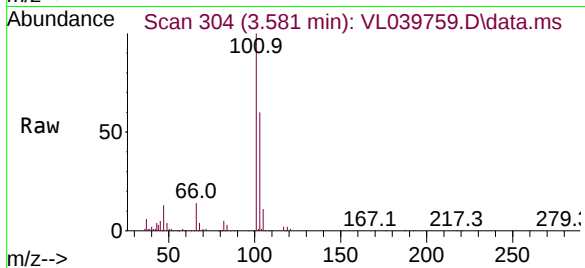
Tgt Ion: 43 Resp: 266239
 Ion Ratio Lower Upper
 43 100
 57 49.9 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 1.951 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

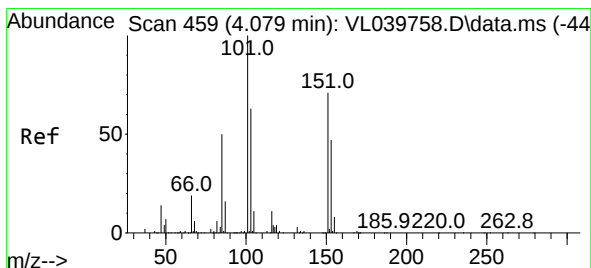
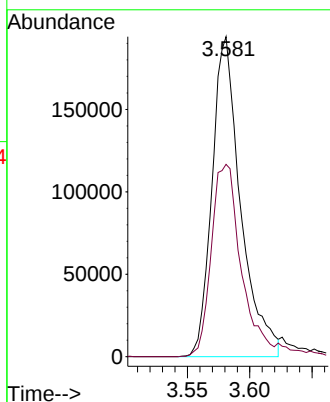
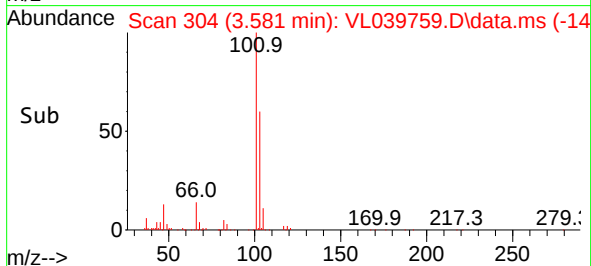
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



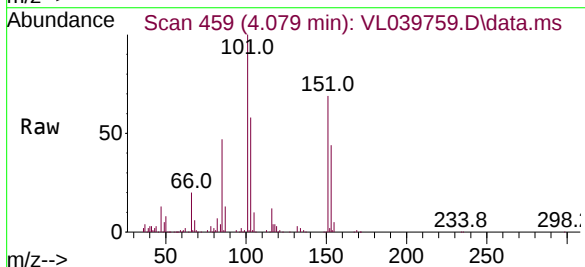
Tgt Ion:101 Resp: 30971
 Ion Ratio Lower Upper
 101 100
 103 60.1 53.2 79.8

Manual Integrations
 APPROVED

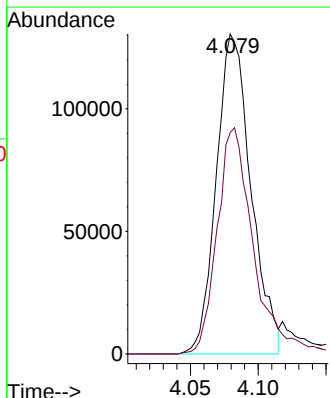
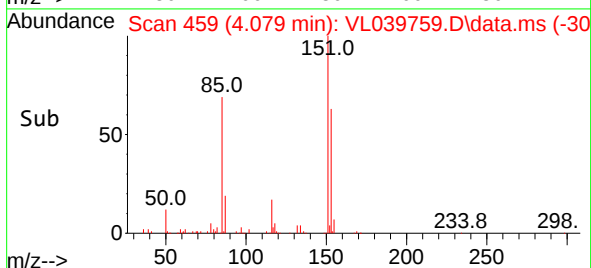
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

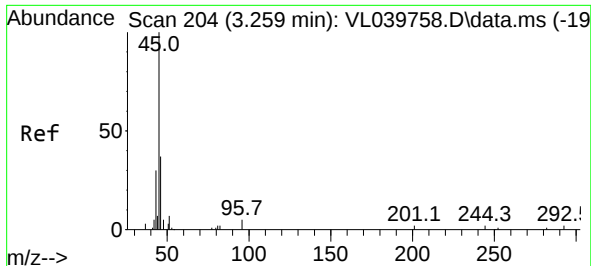


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.818 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.000 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35



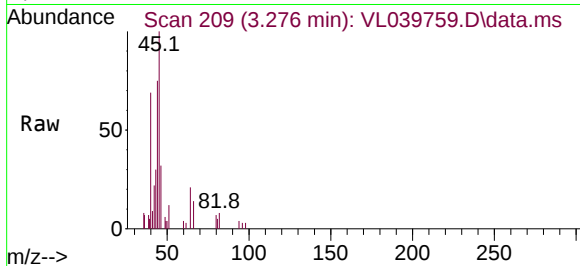
Tgt Ion:101 Resp: 232168
 Ion Ratio Lower Upper
 101 100
 151 75.9 58.0 87.0





#13
Ethanol
Concen: 1.740 ppbv m
RT: 3.276 min Scan# 209
Delta R.T. 0.013 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

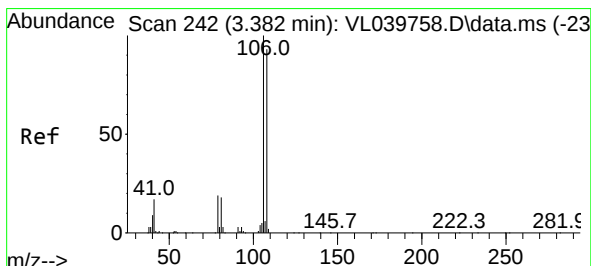
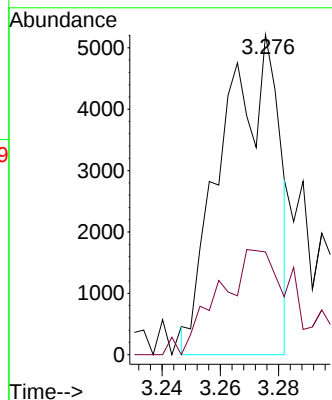
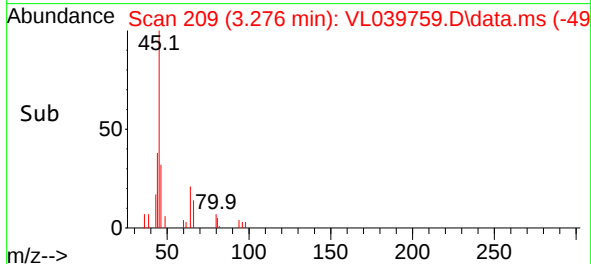
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



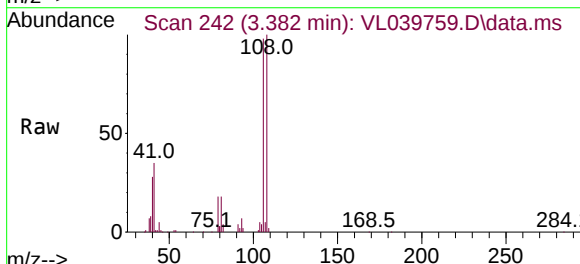
Tgt Ion: 45 Resp: 702
Ion Ratio Lower Upper
45 100
46 50.5 14.8 59.2

Manual Integrations
APPROVED

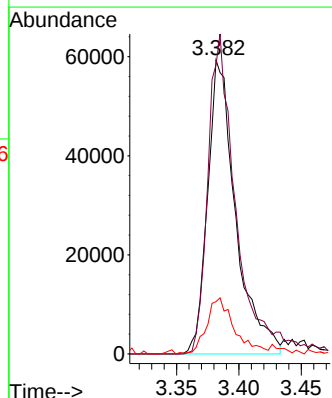
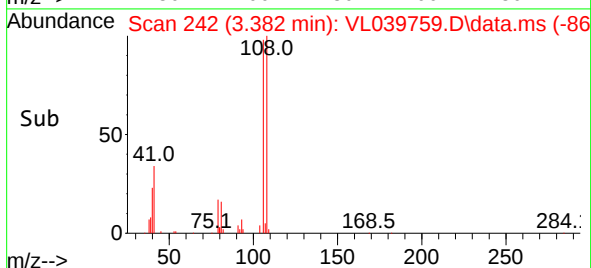
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

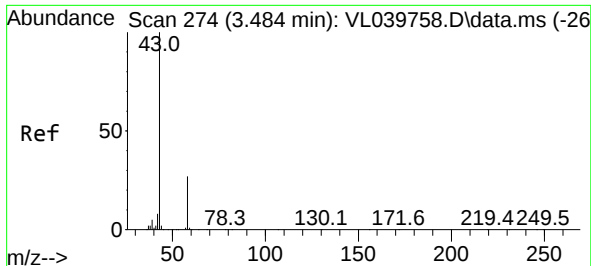


#14
Bromoethene
Concen: 1.918 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



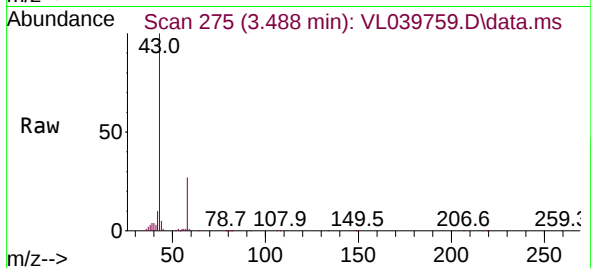
Tgt Ion:108 Resp: 93308
Ion Ratio Lower Upper
108 100
106 111.7 90.2 135.4
79 20.6 16.2 24.2





#15
Acetone
Concen: 2.166 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

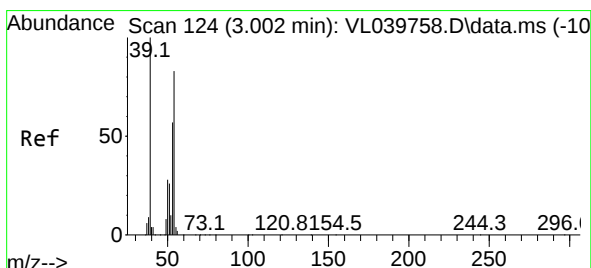
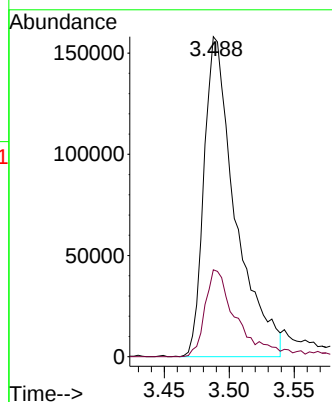
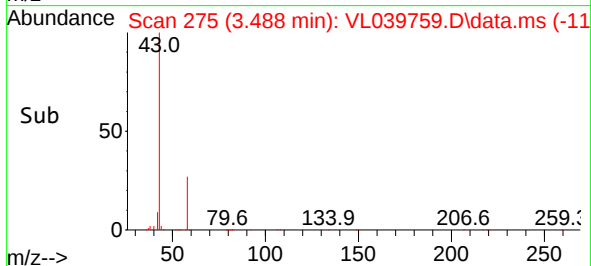
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



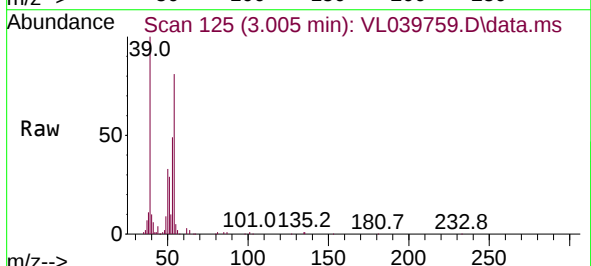
Tgt Ion: 43 Resp: 26634
Ion Ratio Lower Upper
43 100
58 28.5 20.9 31.3

Manual Integrations
APPROVED

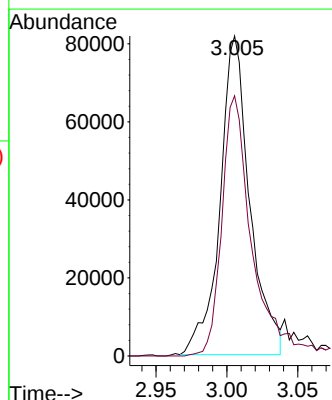
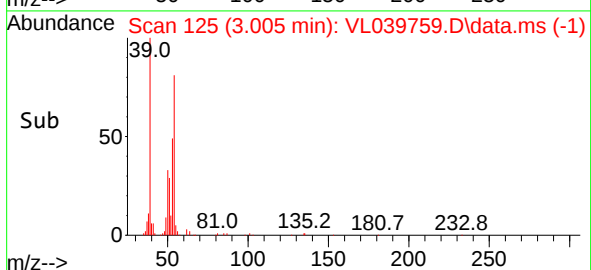
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

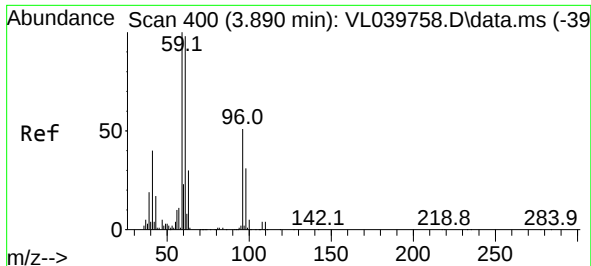


#16
1,3-Butadiene
Concen: 1.943 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



Tgt Ion: 39 Resp: 119890
Ion Ratio Lower Upper
39 100
54 86.0 65.2 97.8





#17

tert-Butyl alcohol

Concen: 1.979 ppbv m

RT: 3.899 min Scan# 403

Delta R.T. 0.010 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 20671

Ion Ratio Lower Upper

59 100

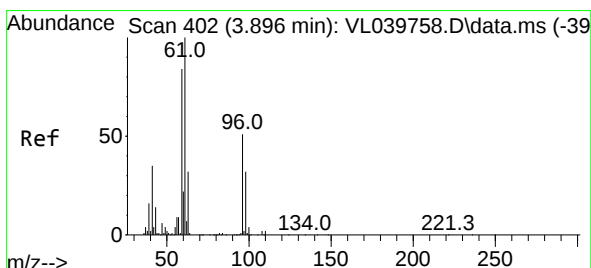
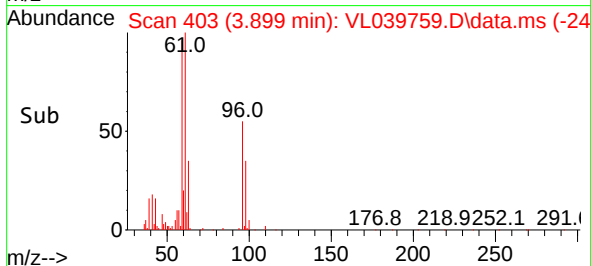
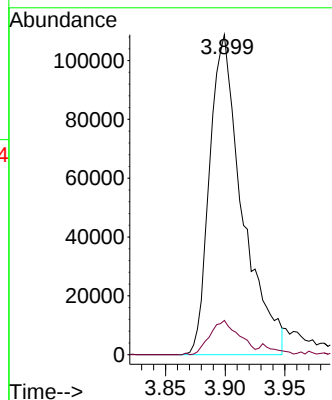
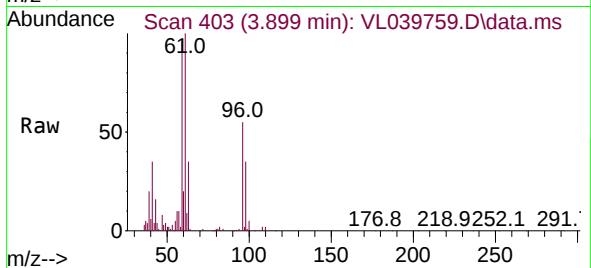
57 11.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

1,1-Dichloroethene

Concen: 1.916 ppbv m

RT: 3.899 min Scan# 403

Delta R.T. 0.007 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

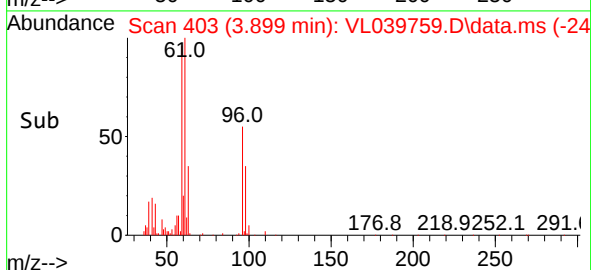
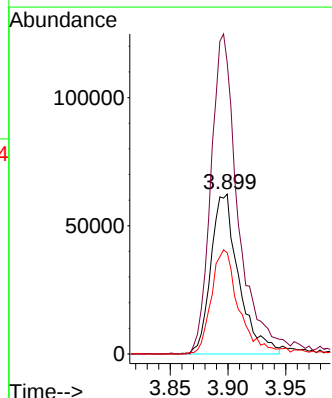
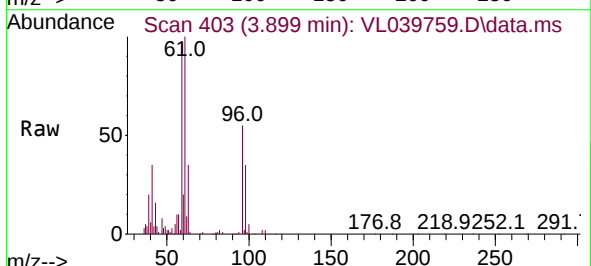
Tgt Ion: 96 Resp: 104964

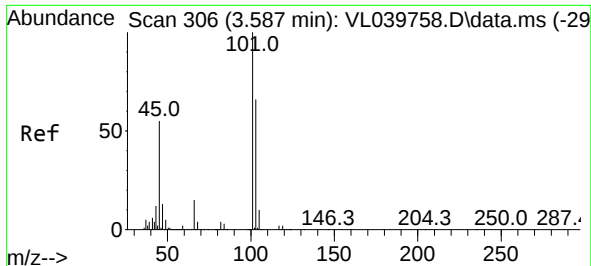
Ion Ratio Lower Upper

96 100

61 181.9 152.7 229.1

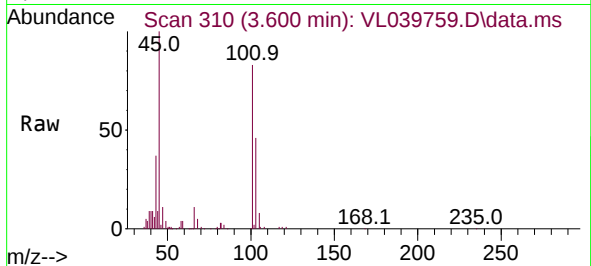
98 63.3 50.2 75.2





#19
Isopropyl Alcohol
Concen: 1.711 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.010 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

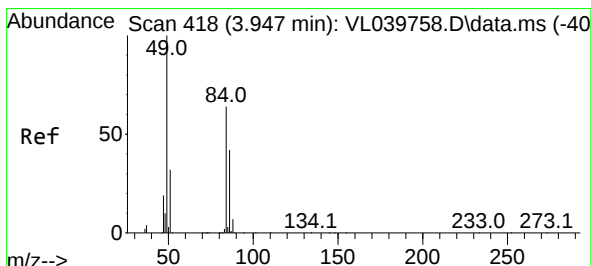
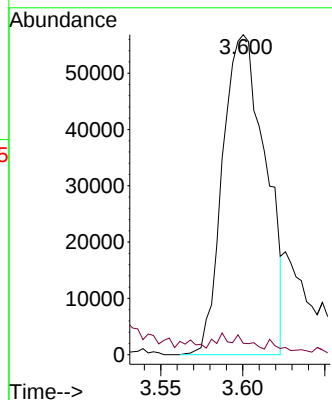
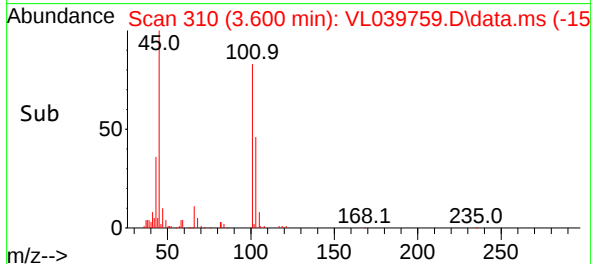
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



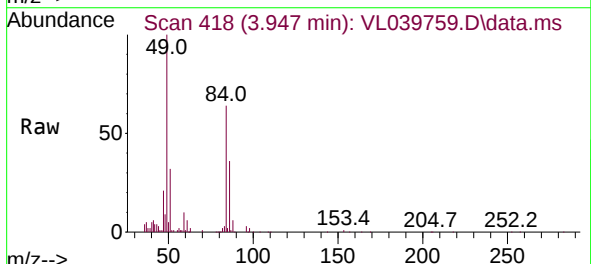
Tgt Ion: 45 Resp: 102762
Ion Ratio Lower Upper
45 100
58 7.4 3.3 4.9

Manual Integrations
APPROVED

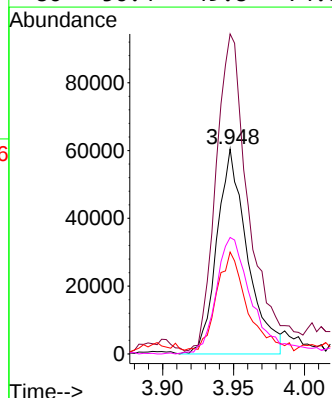
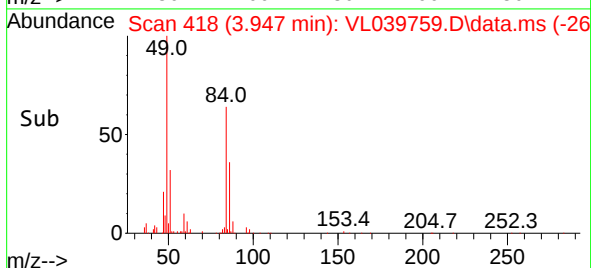
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

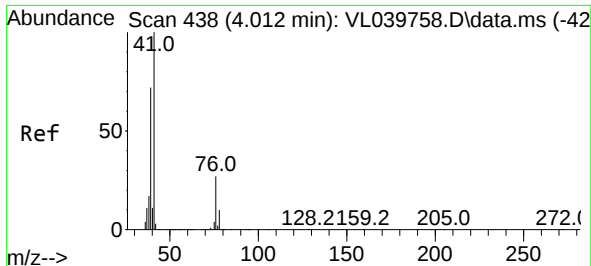


#20
Methylene Chloride
Concen: 1.827 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



Tgt Ion: 84 Resp: 90323
Ion Ratio Lower Upper
84 100
49 153.2 124.2 186.4
51 46.1 36.6 54.8
86 56.4 49.8 74.8





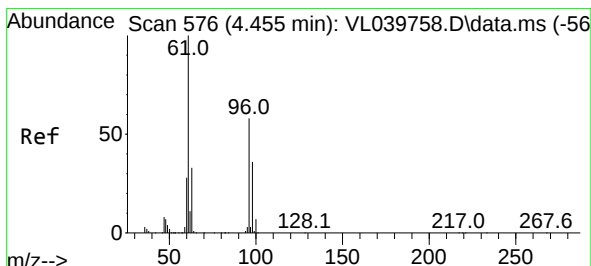
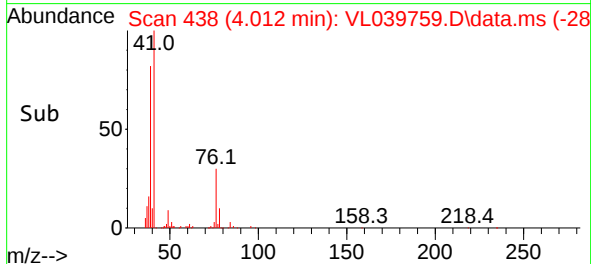
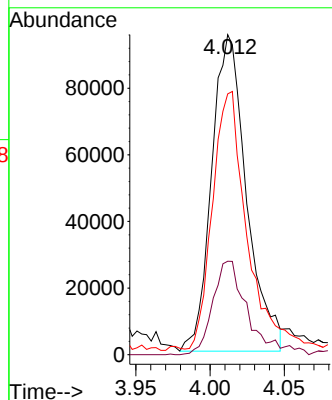
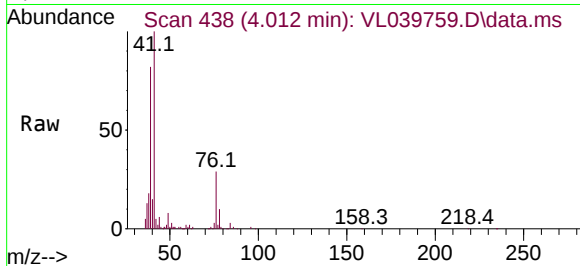
#21
 Allyl Chloride
 Concen: 1.830 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 155329
 Ion Ratio Lower Upper
 41 100
 76 30.6 23.5 35.3
 39 90.3 67.4 101.2

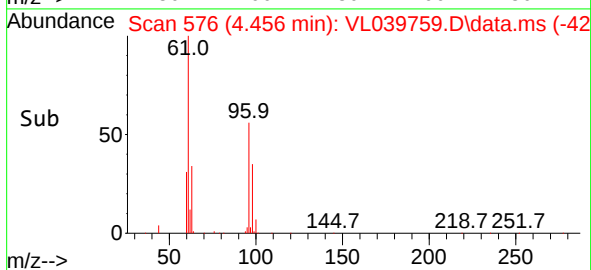
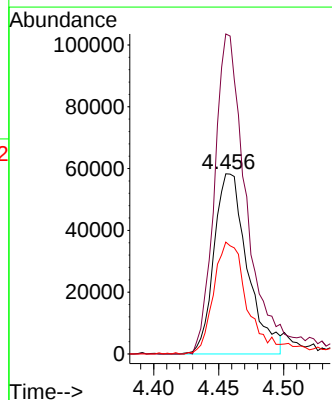
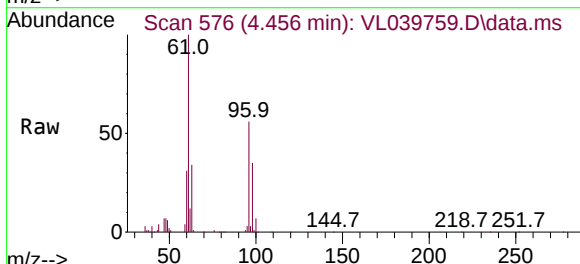
Manual Integrations
 APPROVED

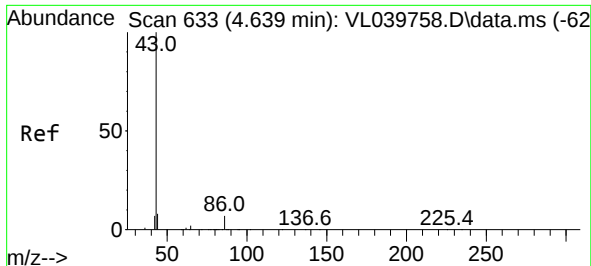
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#22
 trans-1,2-Dichloroethene
 Concen: 1.871 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

Tgt Ion: 96 Resp: 104107
 Ion Ratio Lower Upper
 96 100
 61 177.7 132.9 199.3
 98 62.1 51.6 77.4





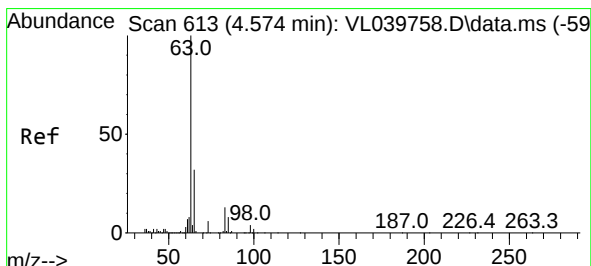
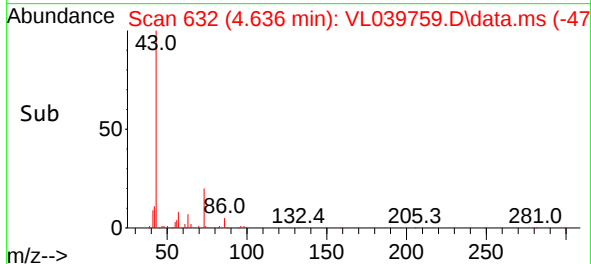
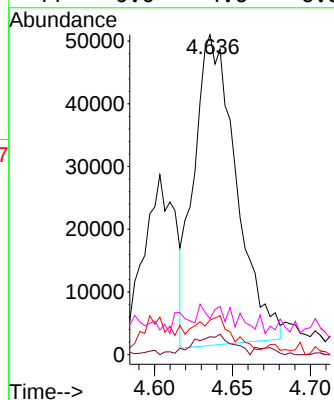
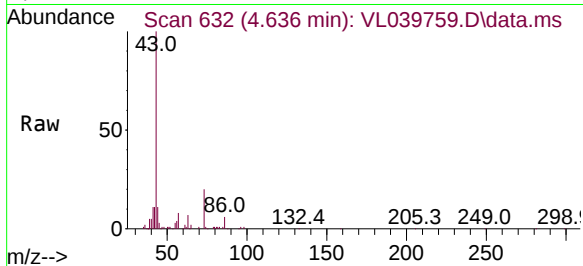
#23
 Vinyl Acetate
 Concen: 1.788 ppbv
 RT: 4.636 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 43 Resp: 92762
 Ion Ratio Lower Upper
 43 100
 86 5.7 4.3 6.5
 42 10.4 7.9 11.9
 44 0.0 4.6 6.8#

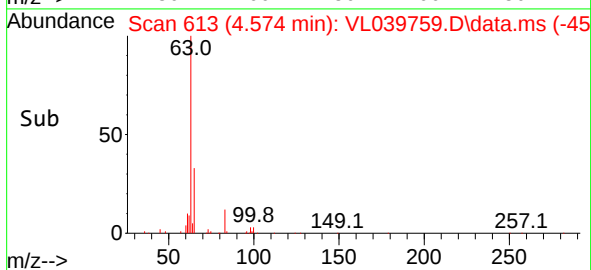
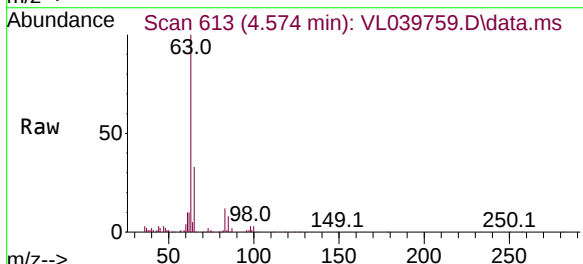
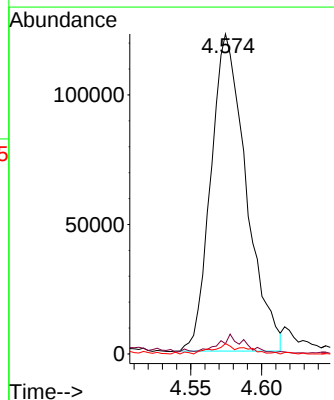
Manual Integrations
 APPROVED

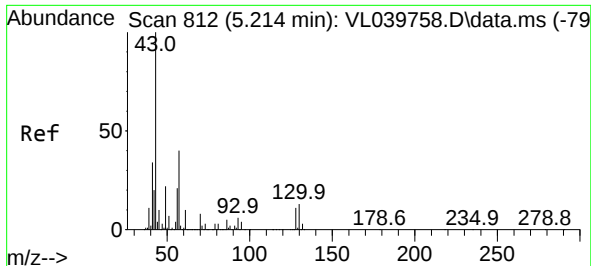
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 1.792 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

Tgt Ion: 63 Resp: 211965
 Ion Ratio Lower Upper
 63 100
 98 2.5 2.1 6.5
 100 3.3 1.2 3.6





#25

Ethyl Acetate

Concen: 2.041 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.000 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 43 Resp: 502864

Ion Ratio Lower Upper

43 100

45 11.0 8.1 12.1

61 10.4 7.5 11.3

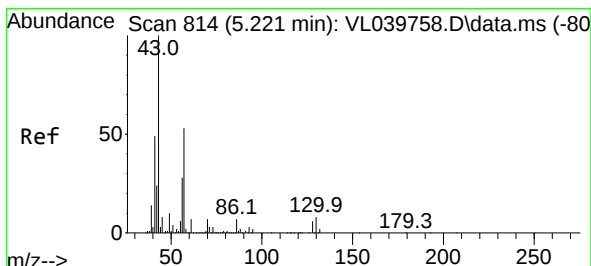
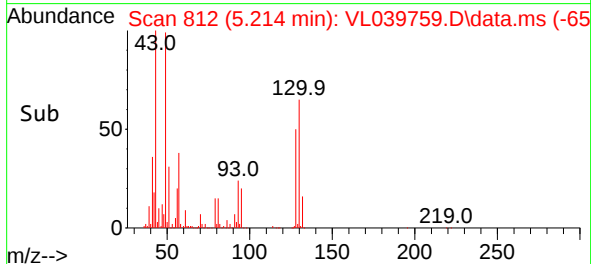
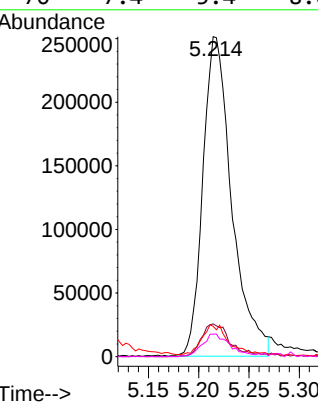
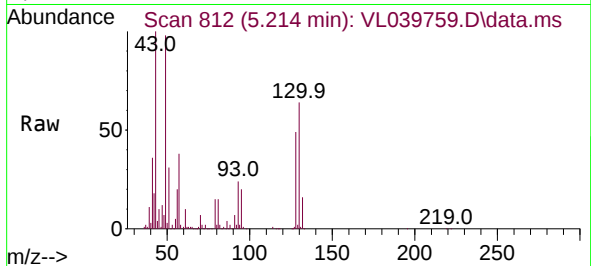
70 7.4 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

Hexane

Concen: 2.114 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Tgt Ion: 57 Resp: 212125

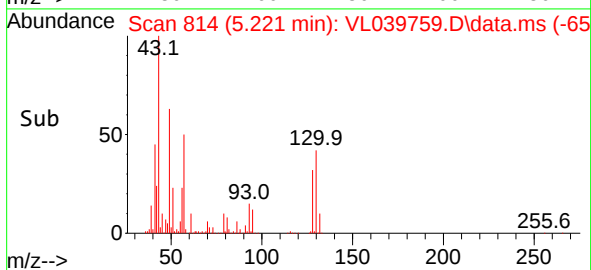
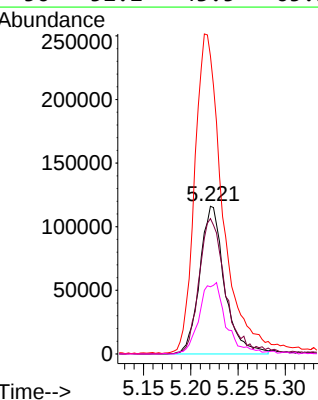
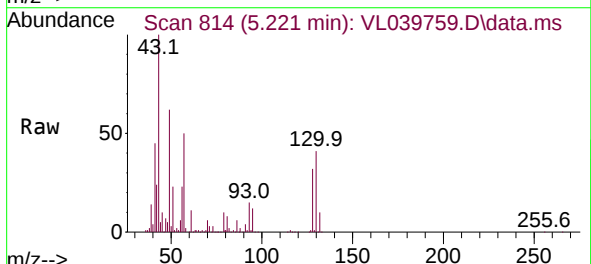
Ion Ratio Lower Upper

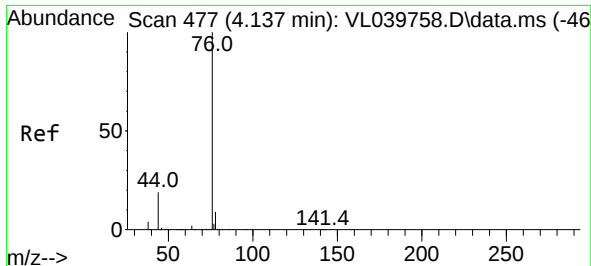
57 100

41 100.4 76.8 115.2

43 252.9 201.0 301.4

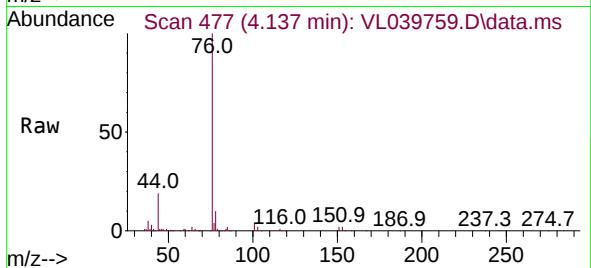
56 52.2 43.5 65.3





#27
Carbon Disulfide
Concen: 1.907 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

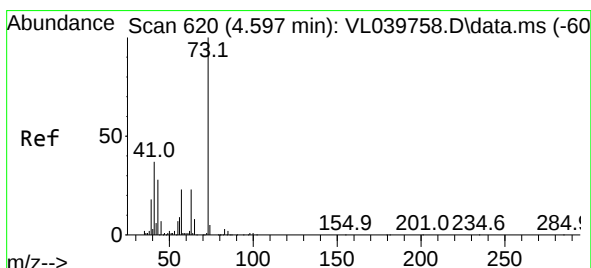
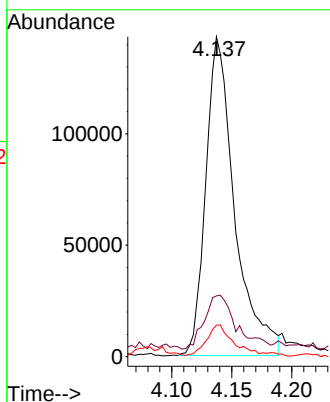
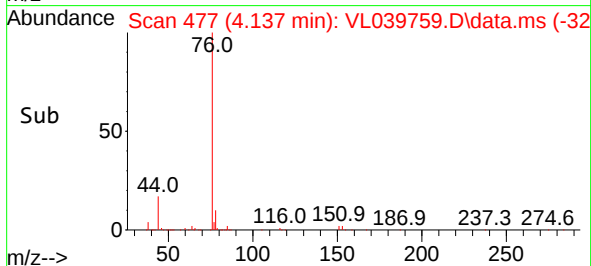
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



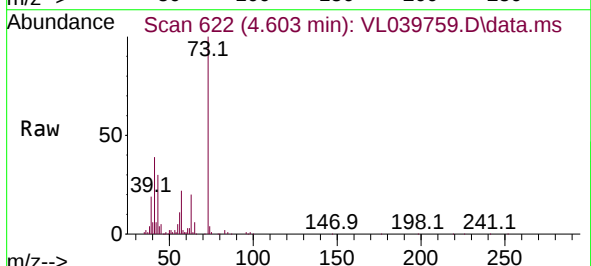
Tgt Ion: 76 Resp: 239612
Ion Ratio Lower Upper
76 100
44 22.2 14.5 21.7
78 10.2 8.1 12.1

Manual Integrations
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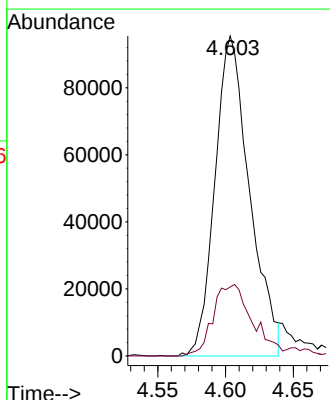
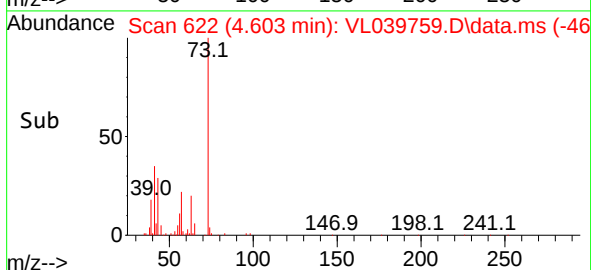
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

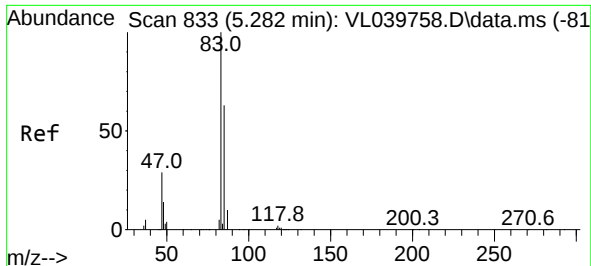


#28
Methyl tert-Butyl Ether
Concen: 1.785 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.007 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



Tgt Ion: 73 Resp: 169878
Ion Ratio Lower Upper
73 100
57 27.4 19.4 29.2





#29

Chloroform

Concen: 2.000 ppbv

RT: 5.282 min Scan# 833

Delta R.T. 0.000 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 321589

Ion Ratio Lower Upper

83 100

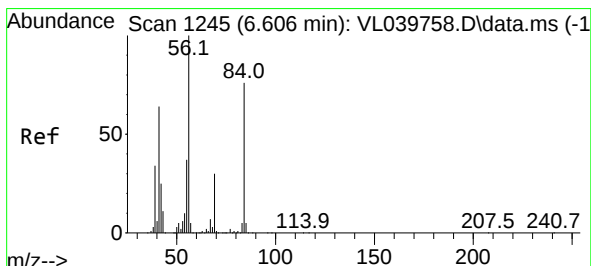
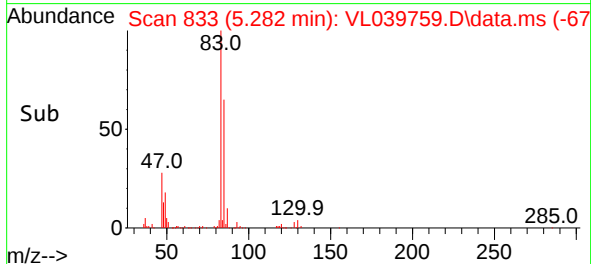
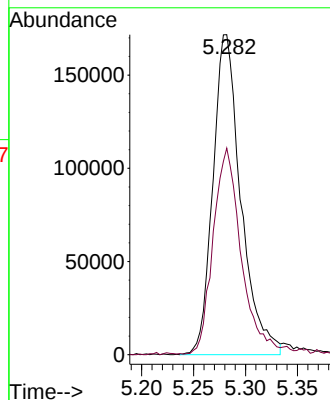
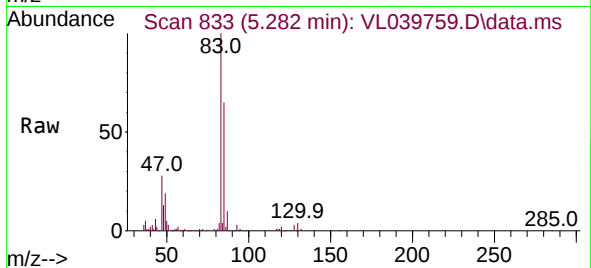
85 64.2 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 1.990 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

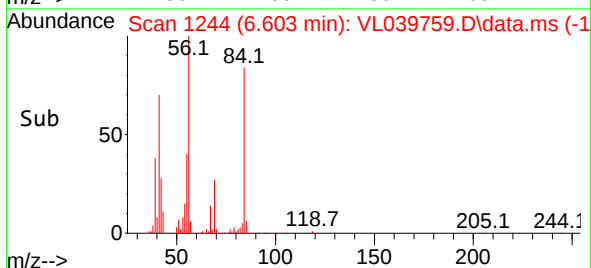
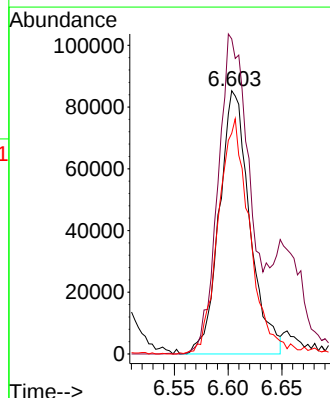
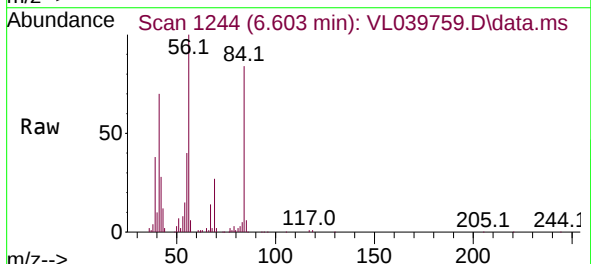
Tgt Ion: 84 Resp: 167844

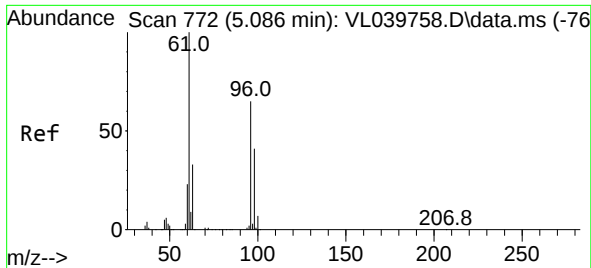
Ion Ratio Lower Upper

84 100

56 172.1 114.2 171.4#

41 94.3 74.2 111.2





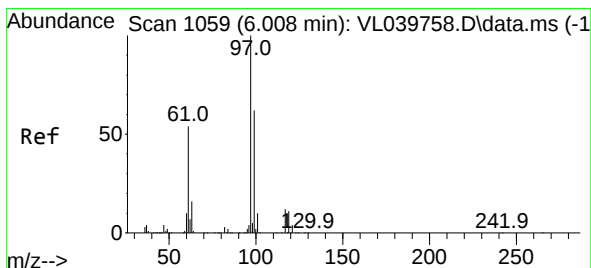
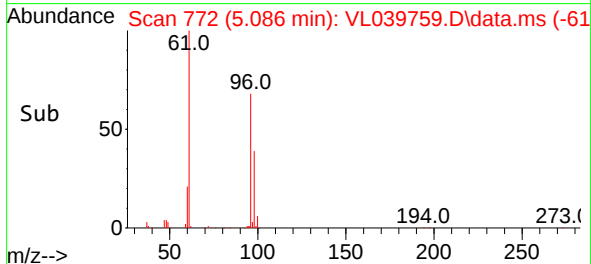
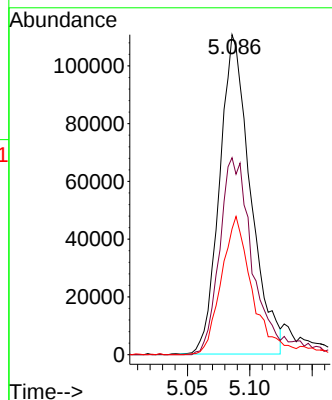
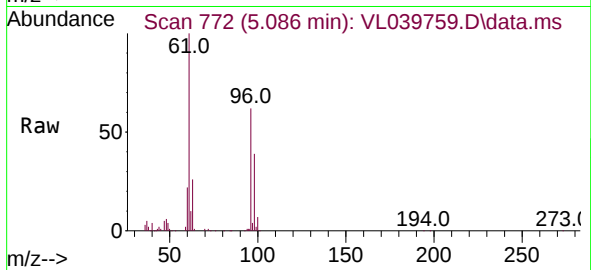
#31
 cis-1,2-Dichloroethene
 Concen: 2.124 ppbv
 RT: 5.086 min Scan# 711
 Delta R.T. 0.003 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Tgt Ion: 61 Resp: 19111
 Ion Ratio Lower Upper
 61 100
 96 61.9 48.3 72.5
 98 39.5 33.2 49.8

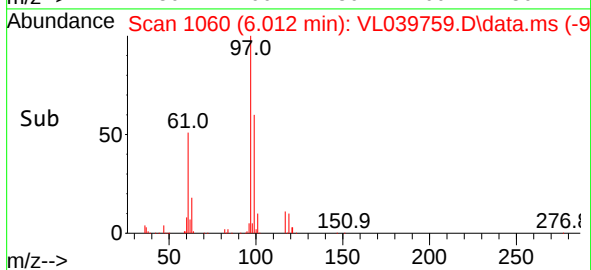
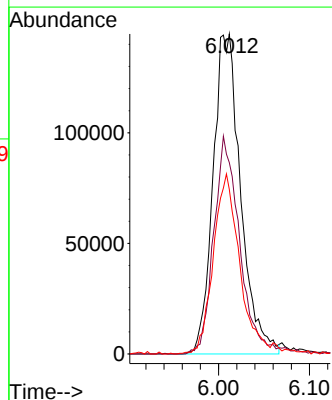
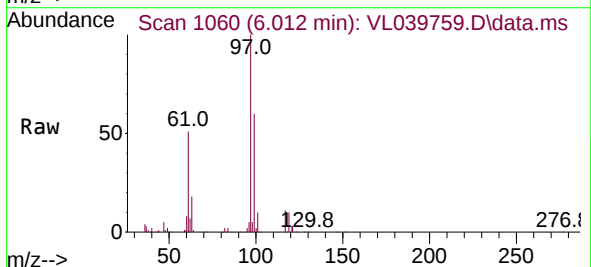
Manual Integrations
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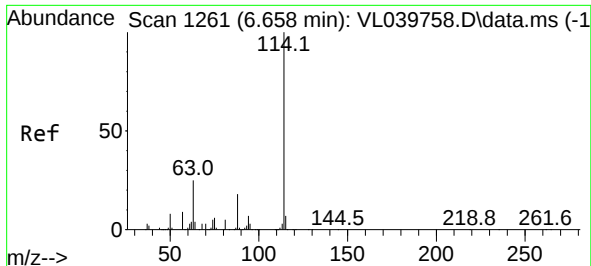
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#32
 1,1,1-Trichloroethane
 Concen: 2.189 ppbv m
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.003 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

Tgt Ion: 97 Resp: 305425
 Ion Ratio Lower Upper
 97 100
 99 0.0 53.0 79.4#
 61 55.0 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:114 Resp: 269454

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

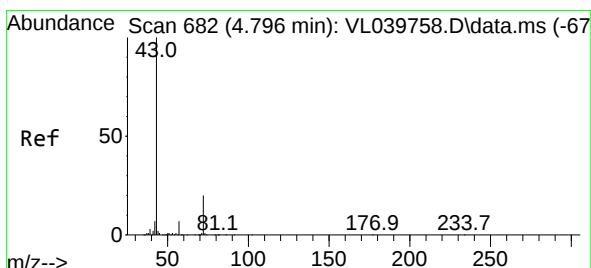
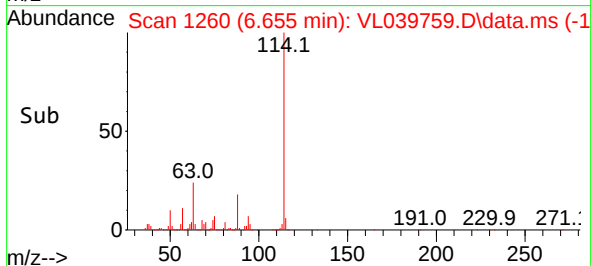
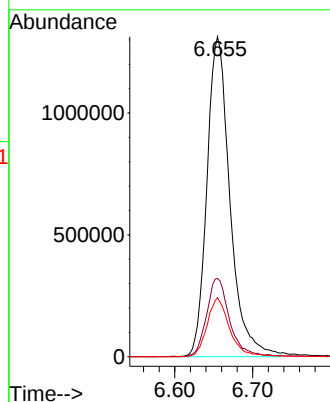
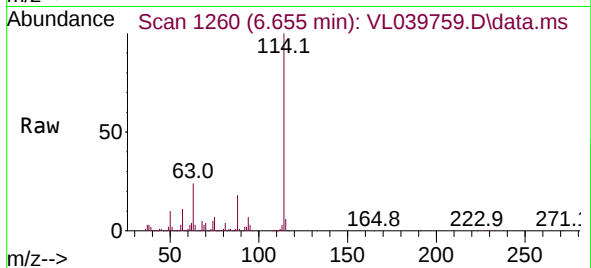
88 18.1 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

2-Butanone

Concen: 2.072 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.007 min

Lab File: VL039759.D

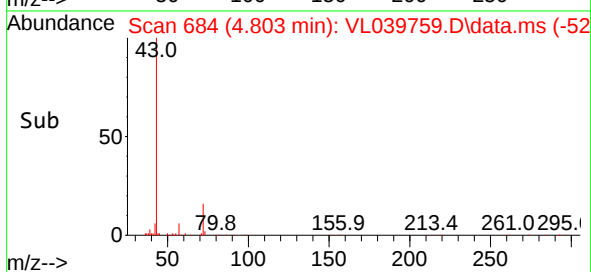
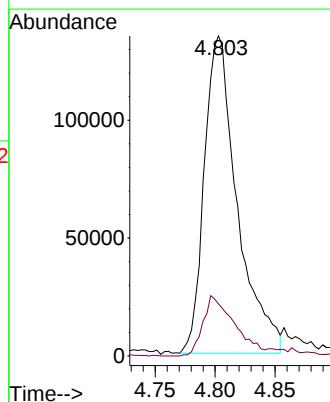
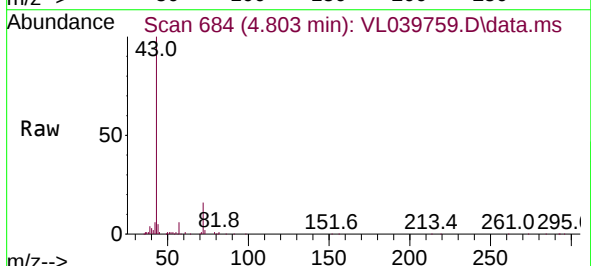
Acq: 24 Oct 2022 14:35

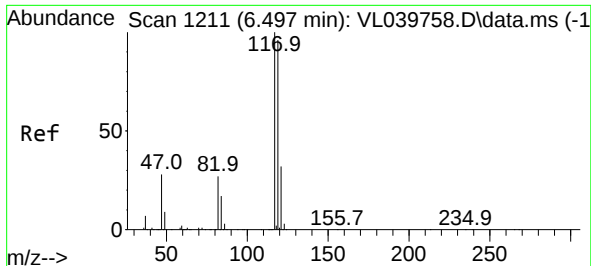
Tgt Ion: 43 Resp: 257520

Ion Ratio Lower Upper

43 100

72 20.5 17.1 25.7





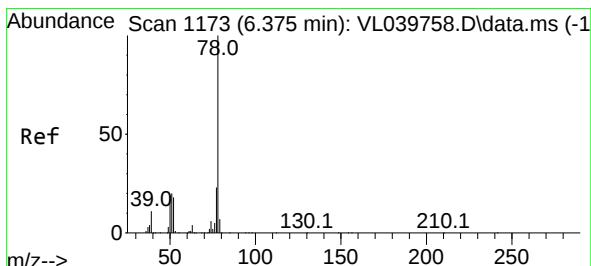
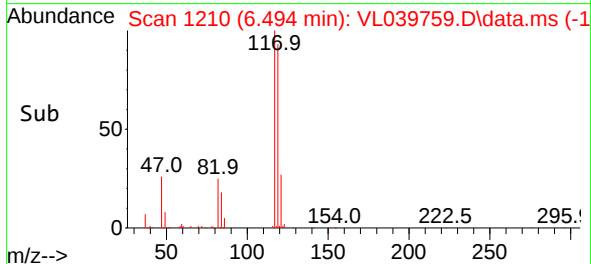
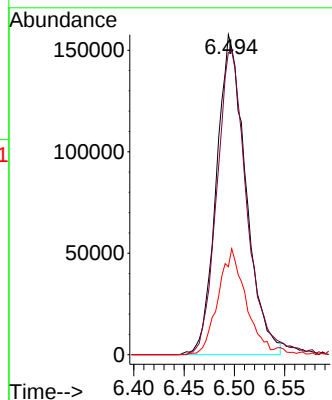
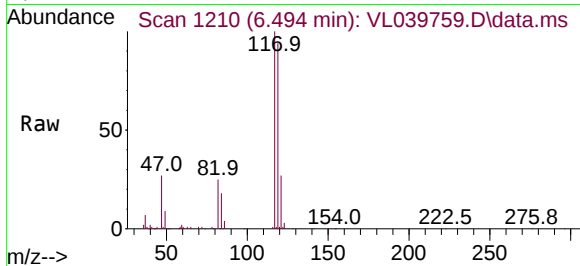
#35
Carbon Tetrachloride
Concen: 2.294 ppbv
RT: 6.494 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 117 Resp: 32039
Ion Ratio Lower Upper
117 100
119 94.4 79.2 118.8
121 27.4 25.0 37.6

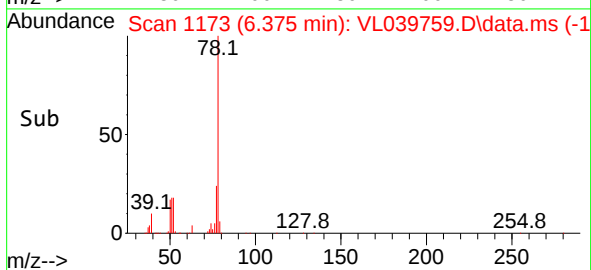
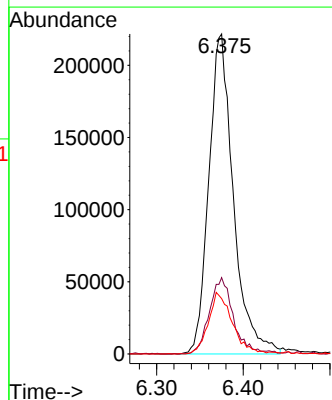
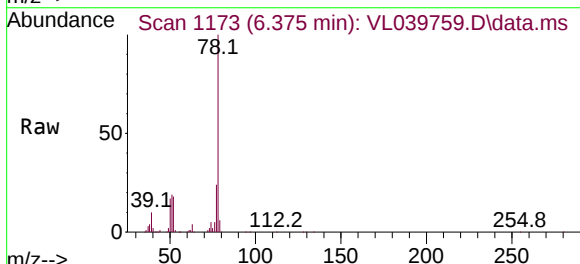
Manual Integrations
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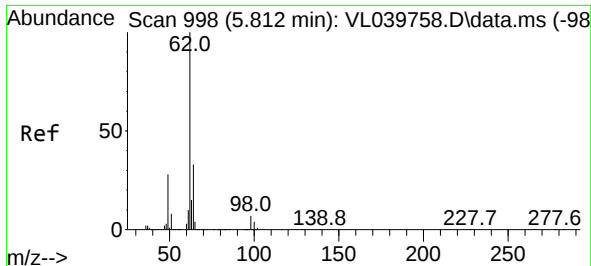
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
Benzene
Concen: 2.148 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Tgt Ion: 78 Resp: 436728
Ion Ratio Lower Upper
78 100
77 23.9 17.3 25.9
50 17.2 14.9 22.3





#37

1,2-Dichloroethane

Concen: 2.123 ppbv

RT: 5.812 min Scan# 998

Delta R.T. 0.000 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 62 Resp: 232550

Ion Ratio Lower Upper

62 100

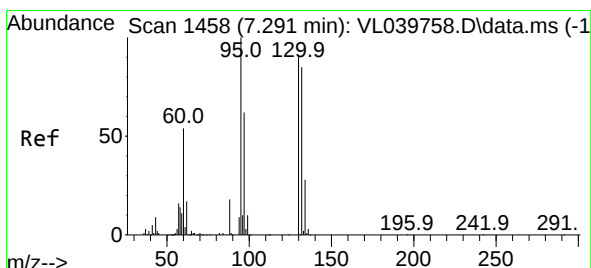
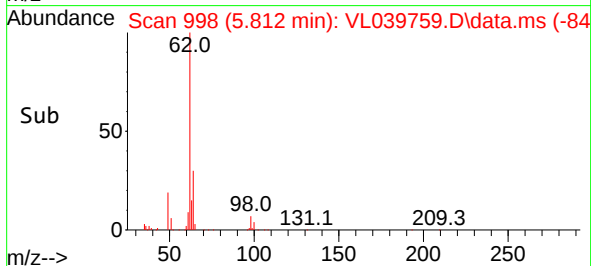
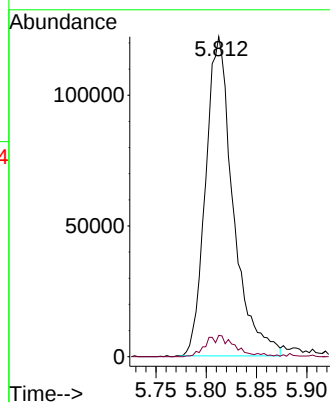
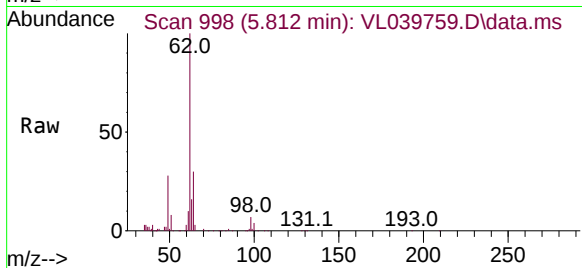
98 7.5 5.4 8.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Trichloroethene

Concen: 2.268 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Tgt Ion:130 Resp: 247407

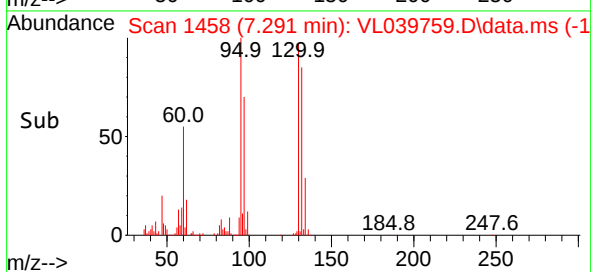
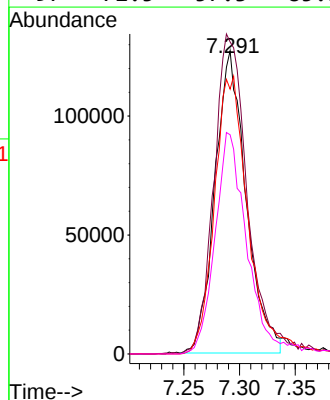
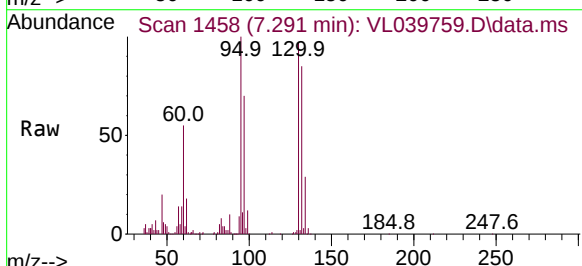
Ion Ratio Lower Upper

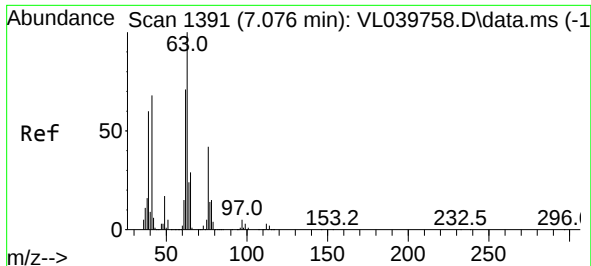
130 100

95 103.0 85.4 128.2

132 87.6 73.0 109.6

97 72.5 57.3 85.9





#39

1,2-Dichloropropane

Concen: 2.113 ppbv

RT: 7.076 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL039759.D

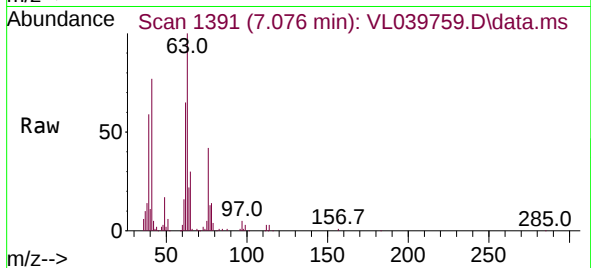
Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion: 63 Resp: 16484

Ion Ratio Lower Upper

63 100

41 76.7 59.5 89.3

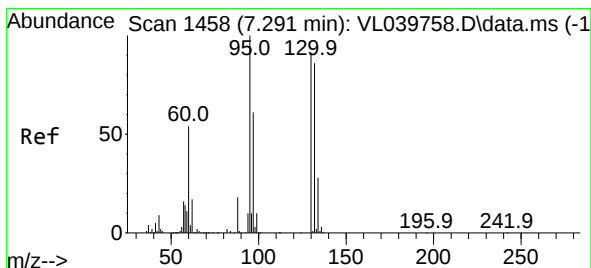
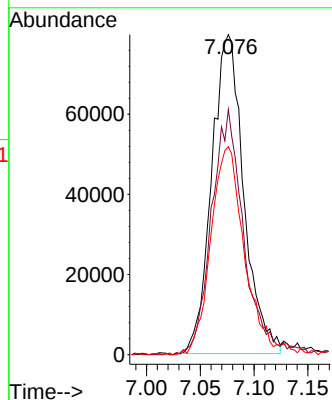
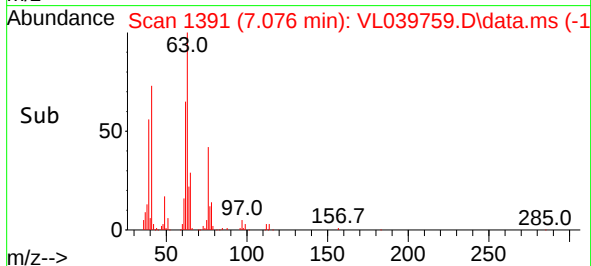
62 64.4 55.2 82.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

1,4-Dioxane

Concen: 2.008 ppbv m

RT: 7.311 min Scan# 1464

Delta R.T. 0.029 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Tgt Ion: 88 Resp: 59987

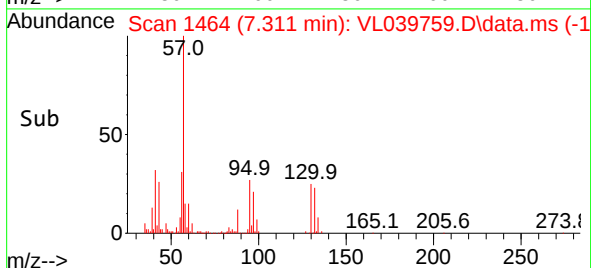
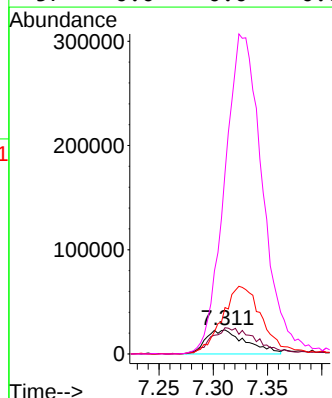
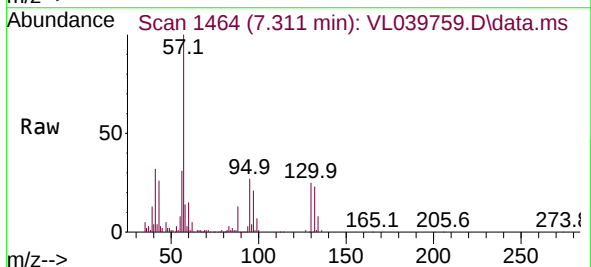
Ion Ratio Lower Upper

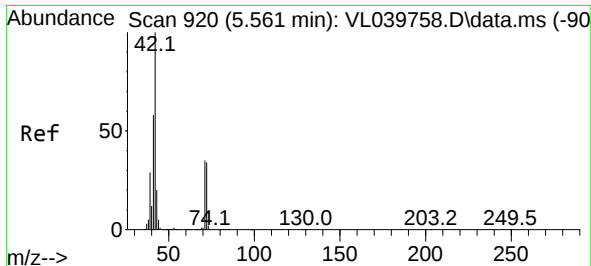
88 100

58 0.0 101.6 152.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 2.039 ppbv

RT: 5.571 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 42 Resp: 16244

Ion Ratio Lower Upper

42 100

72 38.0 30.0 45.0

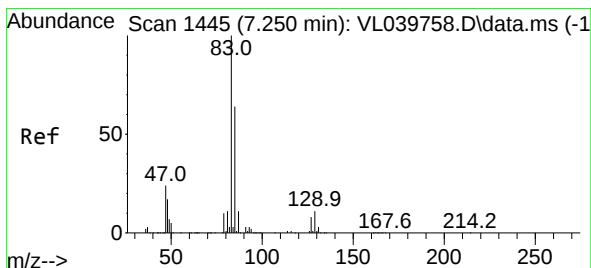
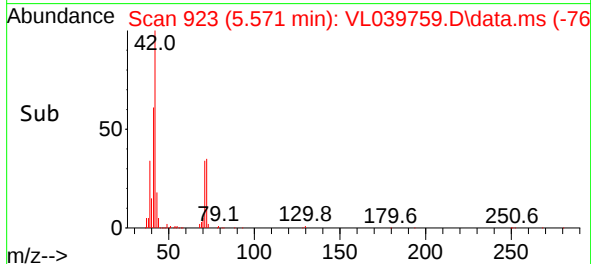
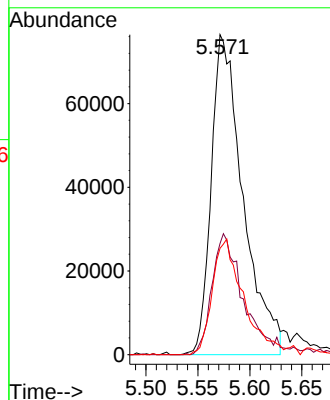
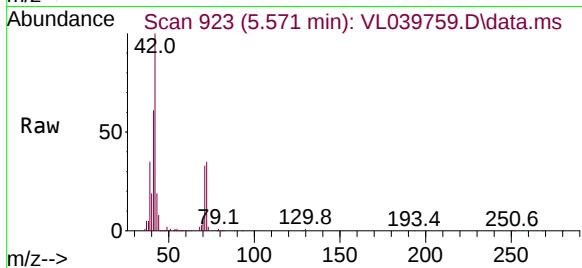
71 36.1 29.3 43.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#42

Bromodichloromethane

Concen: 2.133 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.003 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

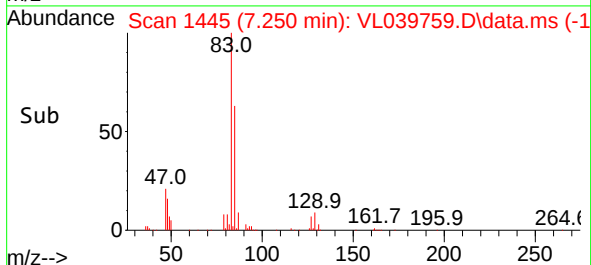
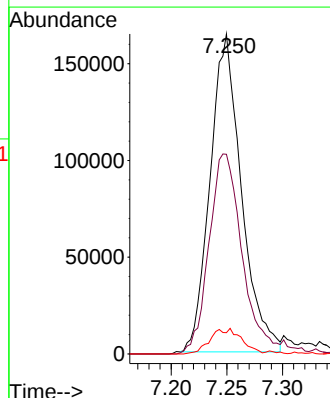
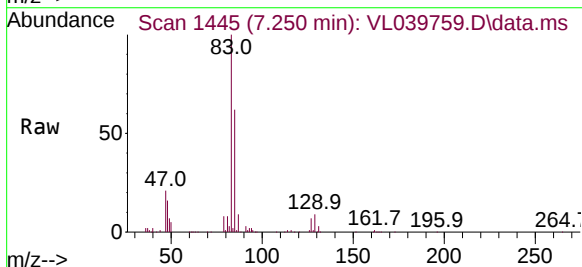
Tgt Ion: 83 Resp: 320944

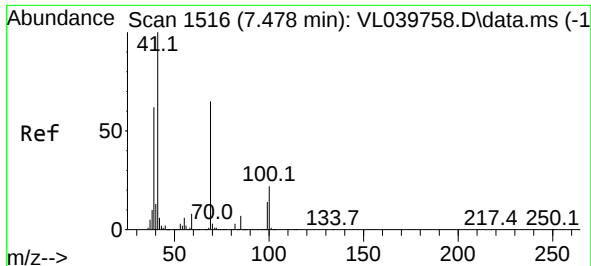
Ion Ratio Lower Upper

83 100

85 62.5 51.0 76.6

127 6.7 6.5 9.7





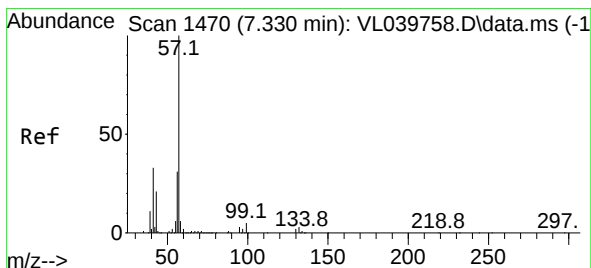
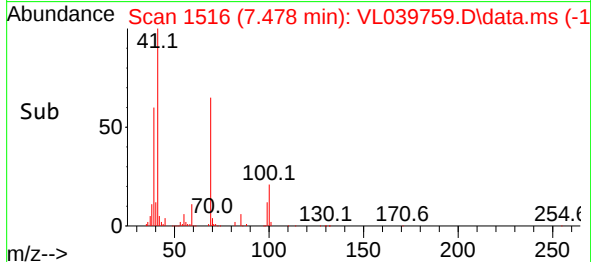
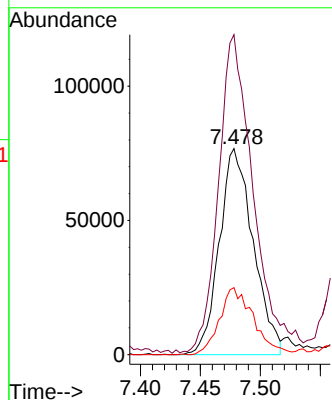
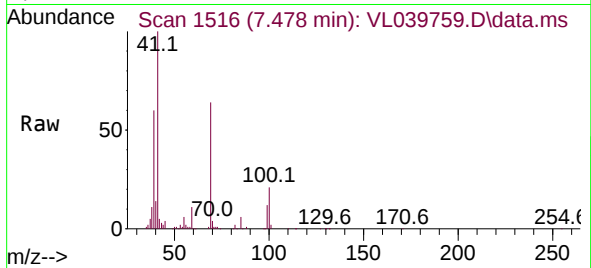
#43
Methyl Methacrylate
Concen: 2.066 ppbv
RT: 7.478 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 69 Resp: 151120
Ion Ratio Lower Upper
69 100
41 160.2 124.6 186.8
100 33.4 27.5 41.3

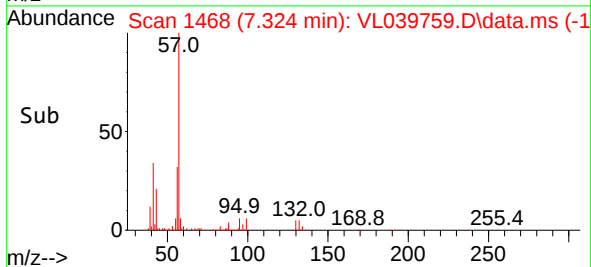
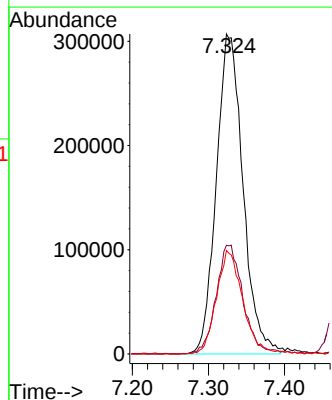
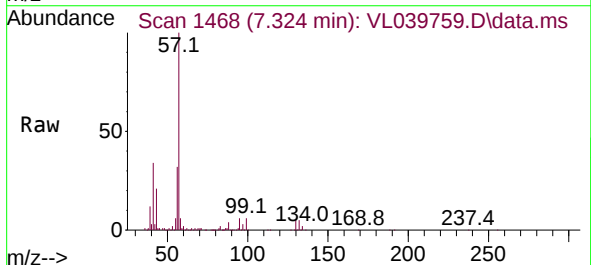
Manual Integrations
APPROVED

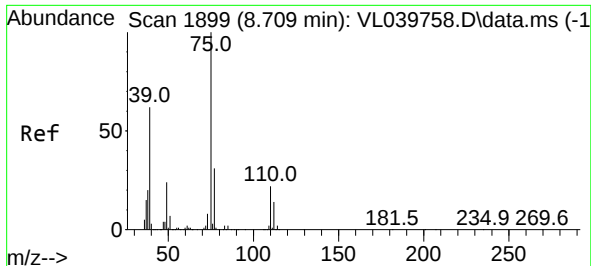
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
2,2,4-Trimethylpentane
Concen: 2.169 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

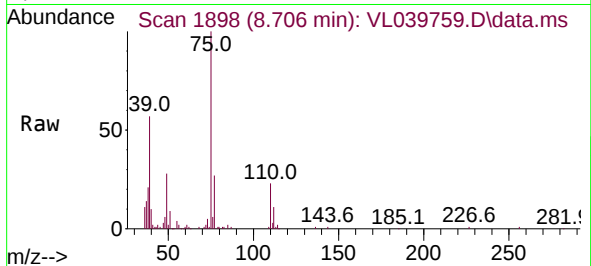
Tgt Ion: 57 Resp: 747310
Ion Ratio Lower Upper
57 100
41 34.0 27.1 40.7
56 32.1 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 1.908 ppbv
RT: 8.706 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

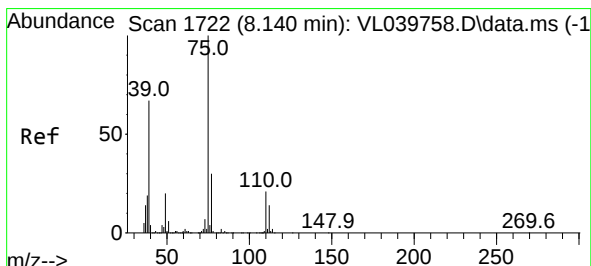
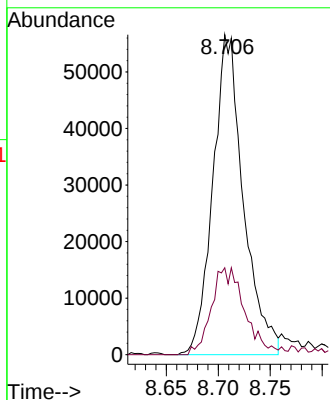
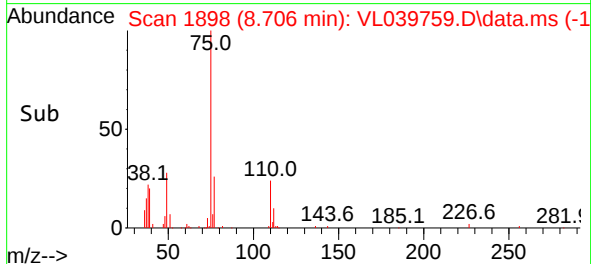
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



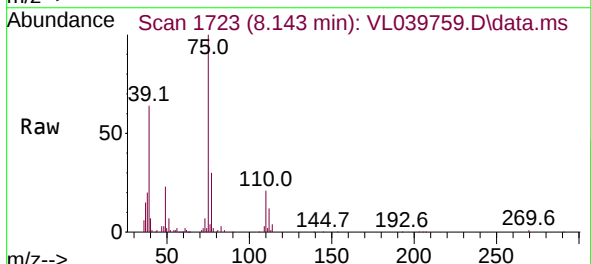
Tgt Ion: 75 Resp: 115550
Ion Ratio Lower Upper
75 100
77 27.1 26.6 39.8

Manual Integrations
APPROVED

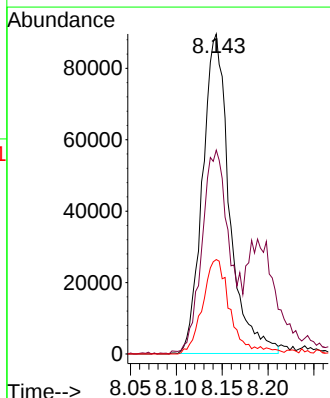
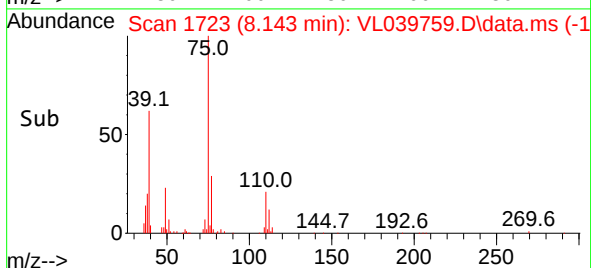
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

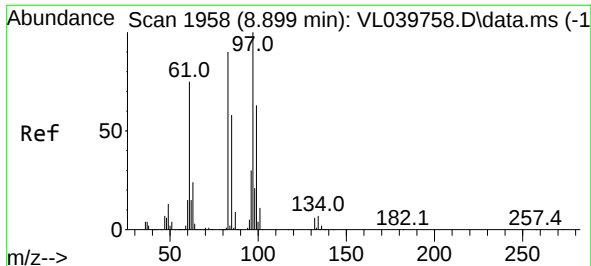


#46
cis-1,3-Dichloropropene
Concen: 2.131 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



Tgt Ion: 75 Resp: 182815
Ion Ratio Lower Upper
75 100
39 63.0 52.2 78.4
77 29.6 26.6 40.0





#47

1,1,2-Trichloroethane

Concen: 2.028 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. 0.007 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 97 Resp: 171780

Ion Ratio Lower Upper

97 100

83 81.2 68.8 103.2

85 57.9 44.8 67.2

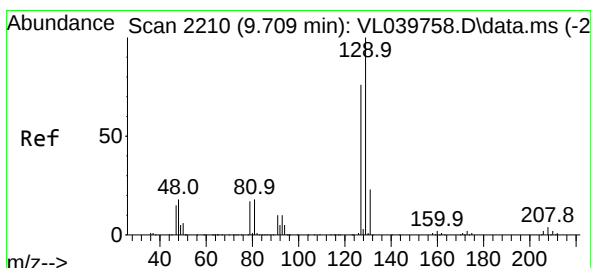
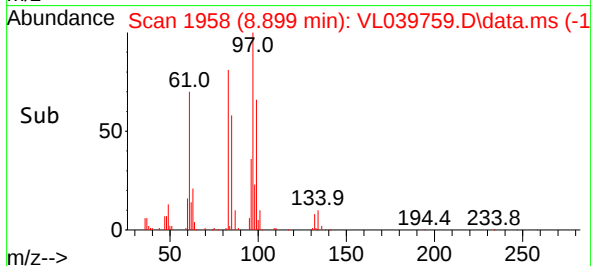
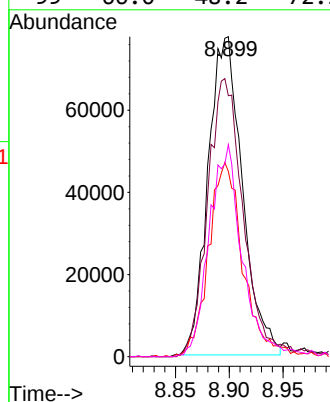
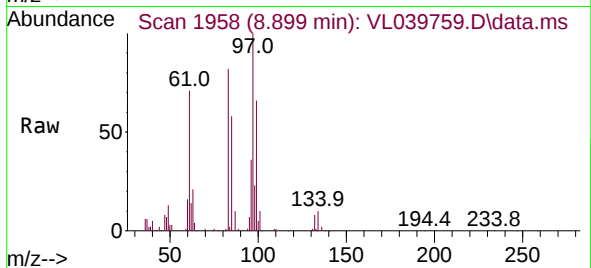
99 66.0 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#48

Dibromochloromethane

Concen: 2.238 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VL039759.D

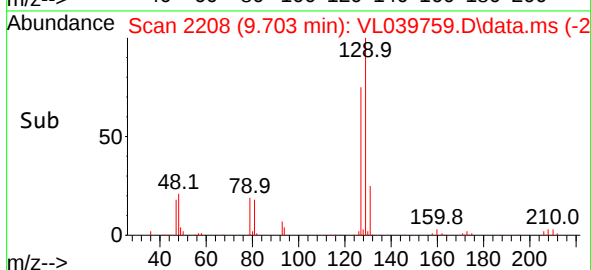
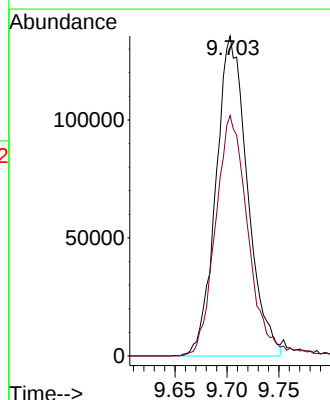
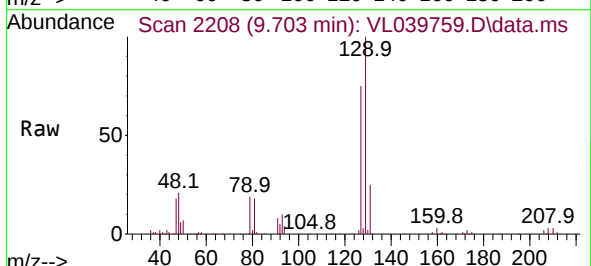
Acq: 24 Oct 2022 14:35

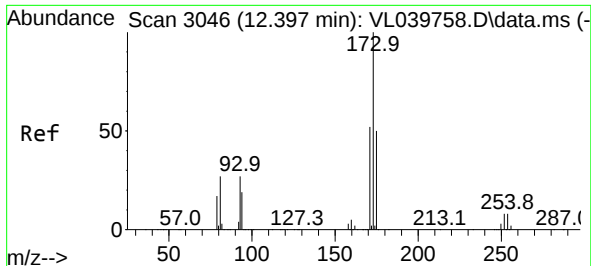
Tgt Ion:129 Resp: 285993

Ion Ratio Lower Upper

129 100

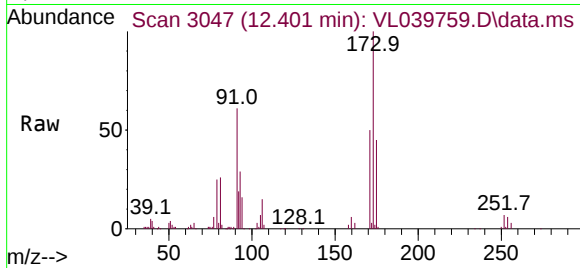
127 78.7 38.9 116.6





#49
Bromoform
Concen: 2.298 ppbv
RT: 12.401 min Scan# 3046
Delta R.T. 0.007 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

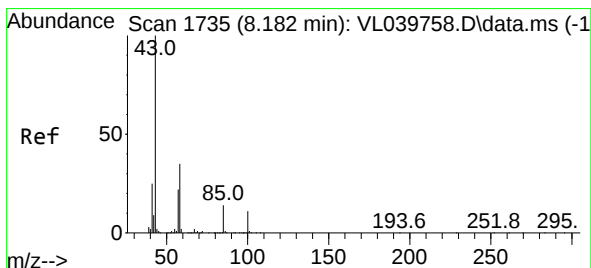
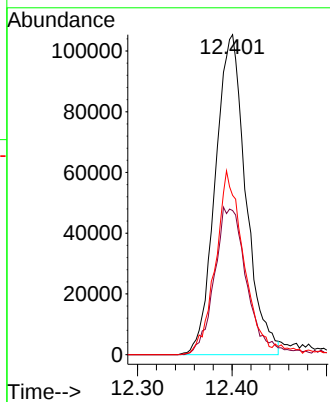
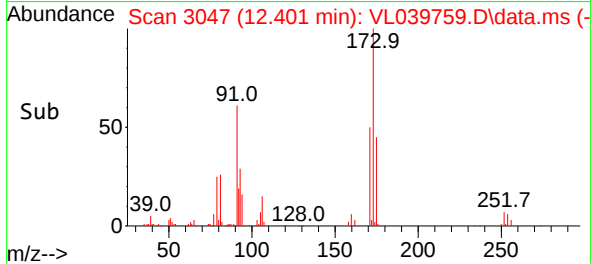
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 173 Resp: 23644
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.0
171 54.9 41.6 62.4

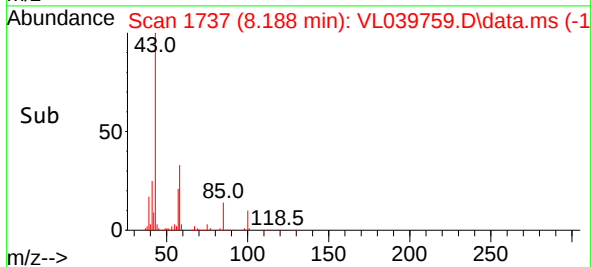
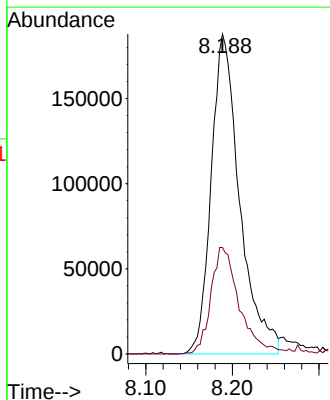
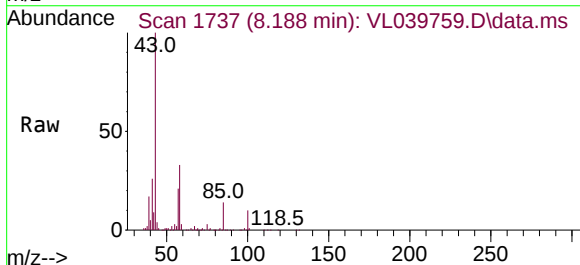
Manual Integrations
APPROVED

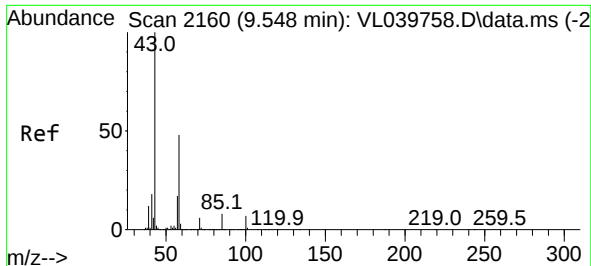
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#50
4-Methyl-2-Pentanone
Concen: 2.117 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. 0.010 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

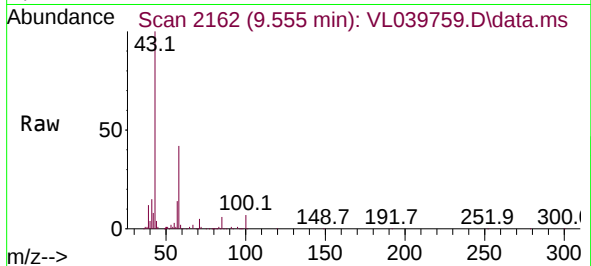
Tgt Ion: 43 Resp: 428946
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0





#51
2-Hexanone
Concen: 2.043 ppbv
RT: 9.555 min Scan# 2160
Delta R.T. 0.007 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

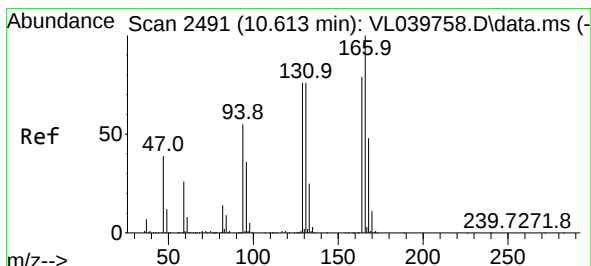
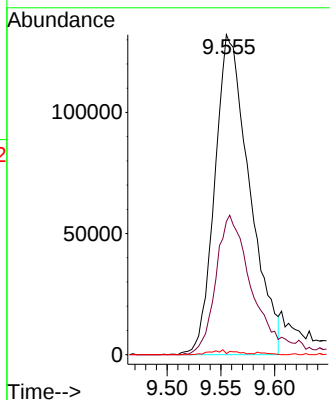
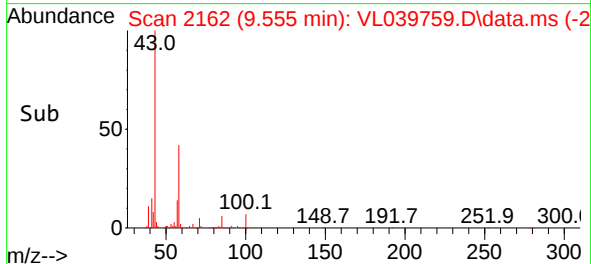
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 296740
Ion Ratio Lower Upper
43 100
58 46.6 37.6 56.4
98 1.3 0.6 0.8

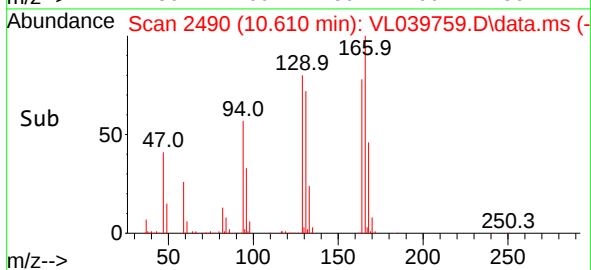
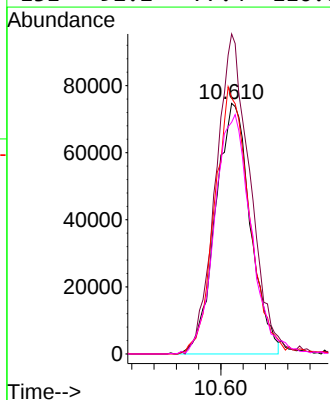
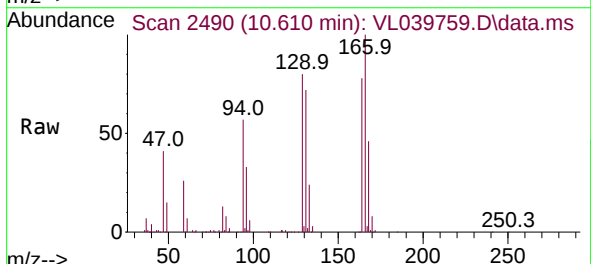
Manual Integrations
APPROVED

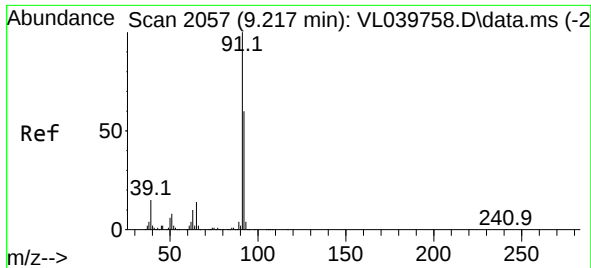
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Tetrachloroethene
Concen: 2.213 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

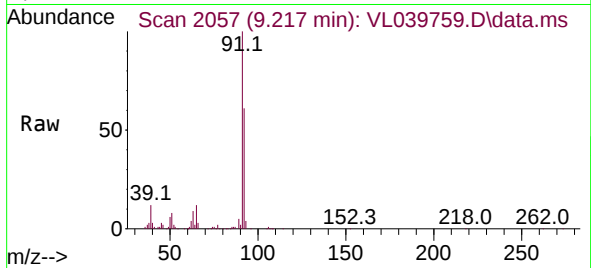
Tgt Ion:164 Resp: 162446
Ion Ratio Lower Upper
164 100
166 127.5 100.0 150.0
129 102.1 82.1 123.1
131 92.2 77.4 116.0





#53
Toluene
Concen: 2.131 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

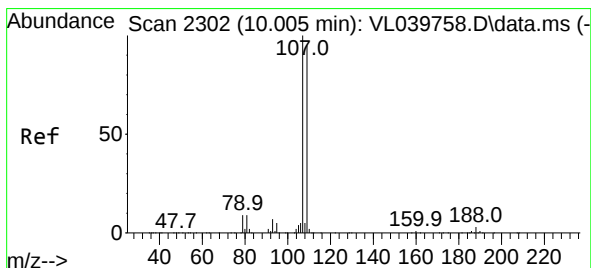
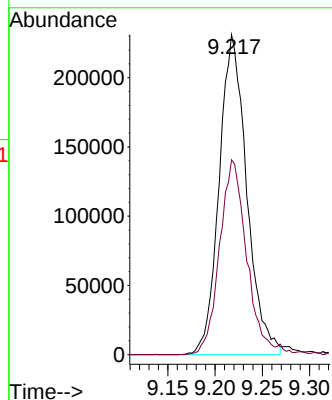
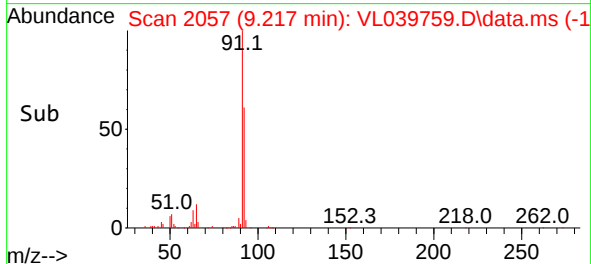
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



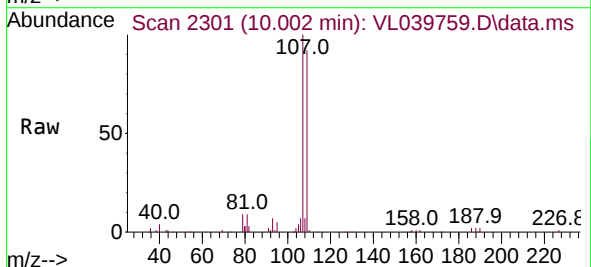
Tgt Ion: 91 Resp: 467980
Ion Ratio Lower Upper
91 100
92 60.8 47.7 71.5

Manual Integrations
APPROVED

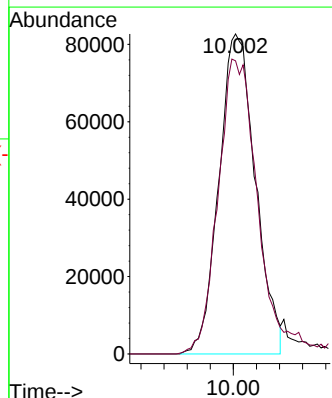
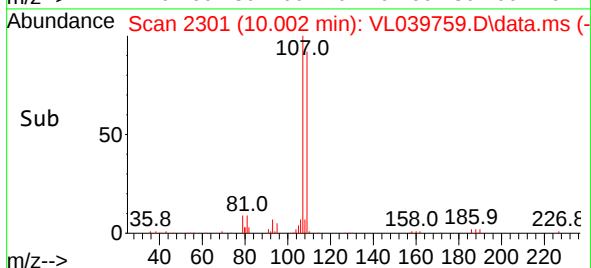
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

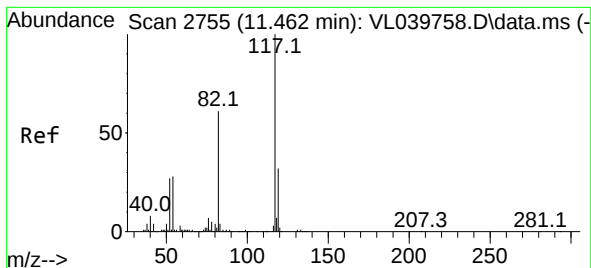


#54
1,2-Dibromoethane
Concen: 2.128 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



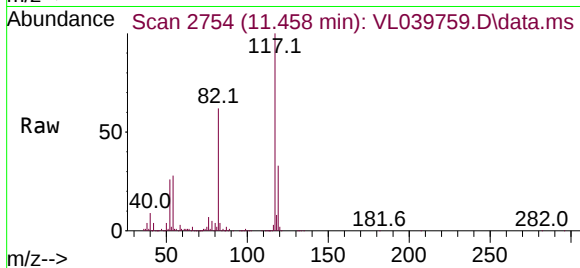
Tgt Ion:107 Resp: 181274
Ion Ratio Lower Upper
107 100
109 91.4 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

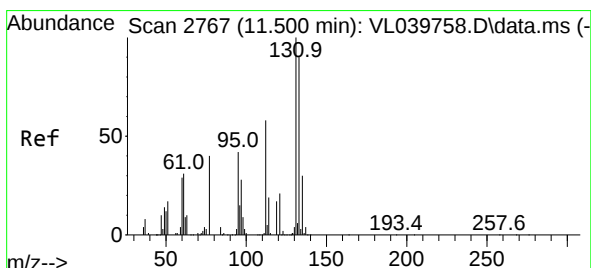
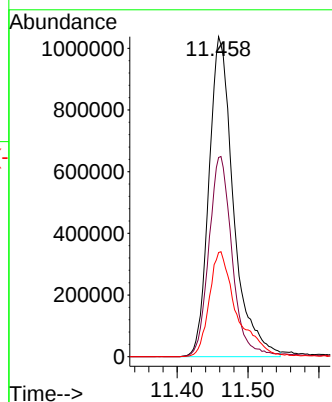
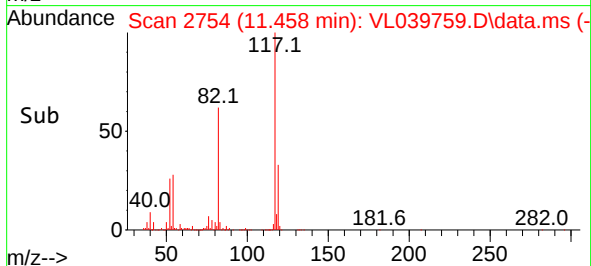
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



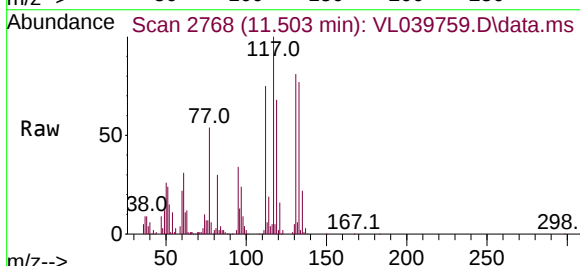
Tgt Ion:117 Resp: 2495549
Ion Ratio Lower Upper
117 100
82 60.2 51.4 77.0
119 36.9 24.6 36.8

Manual Integrations
APPROVED

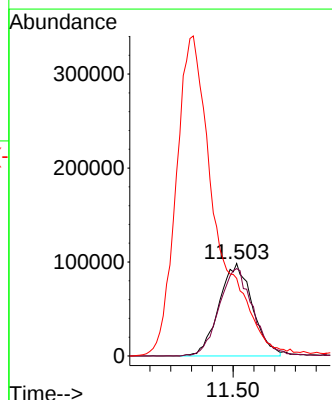
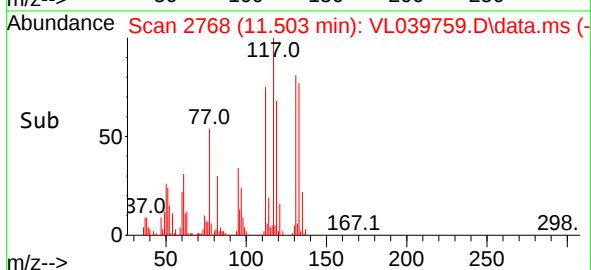
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

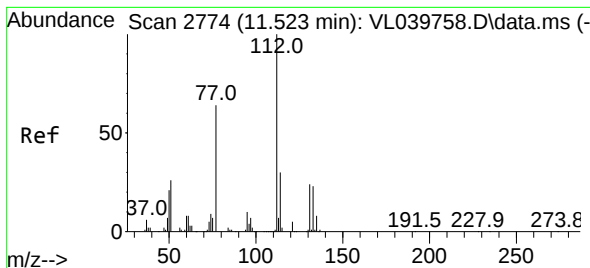


#56
1,1,1,2-Tetrachloroethane
Concen: 2.165 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



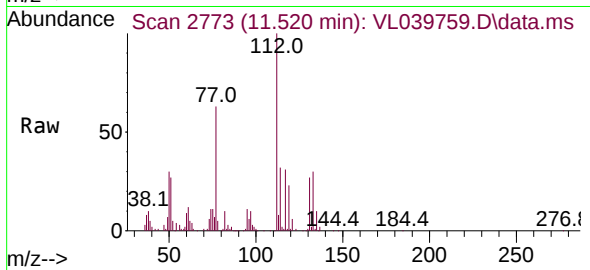
Tgt Ion:131 Resp: 219274
Ion Ratio Lower Upper
131 100
133 97.9 77.2 115.8
119 418.6 55.5 83.3





#57
Chlorobenzene
Concen: 2.143 ppbv
RT: 11.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

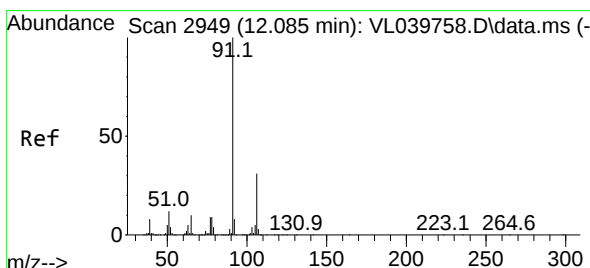
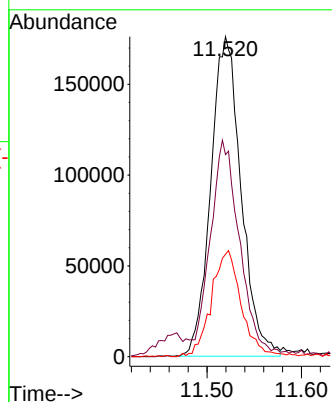
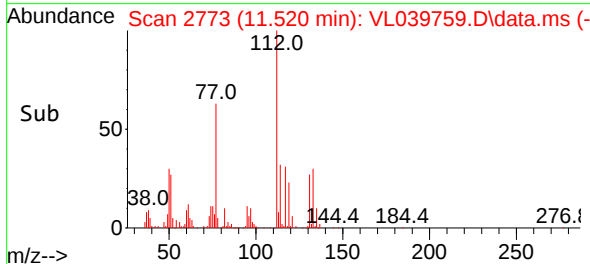
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



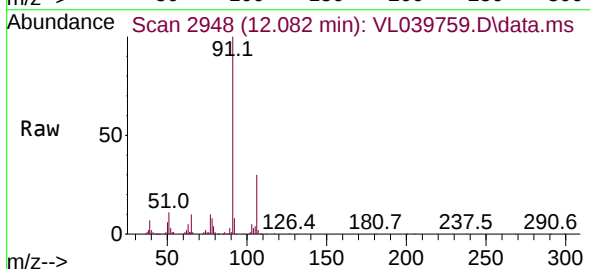
Tgt Ion: 112 Resp: 39237
Ion Ratio Lower Upper
112 100
77 61.9 51.4 77.2
114 31.6 30.0 36.6

Manual Integrations
APPROVED

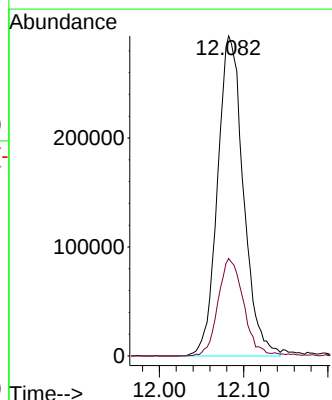
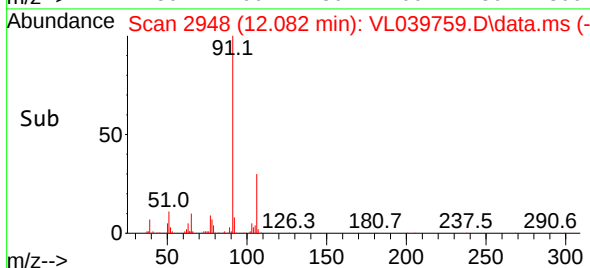
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

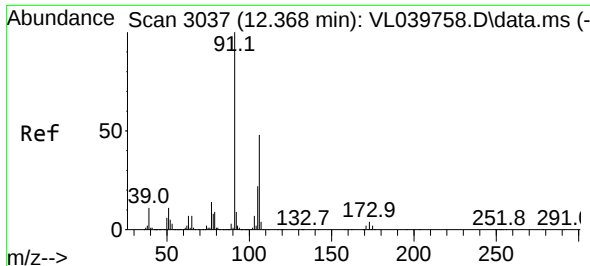


#58
Ethyl Benzene
Concen: 2.168 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



Tgt Ion: 91 Resp: 624886
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8





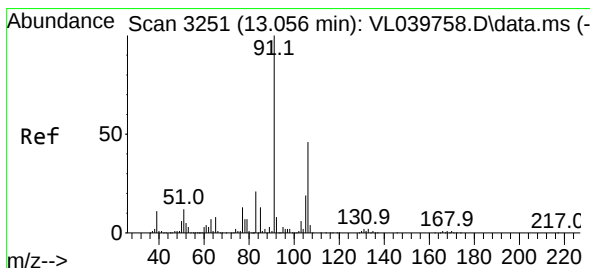
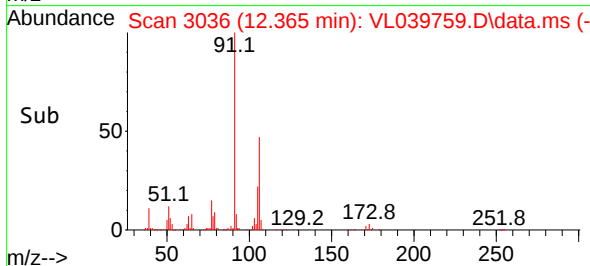
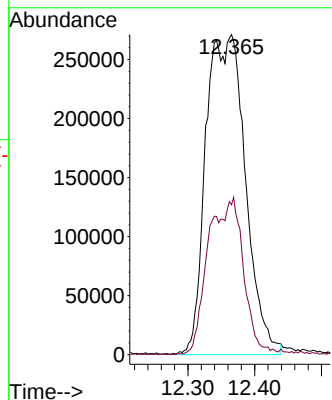
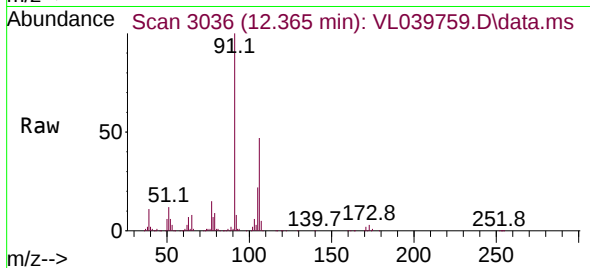
#59
m/p-Xylene
Concen: 4.365 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 111204
Ion Ratio Lower Upper
91 100
106 44.8 36.2 54.4

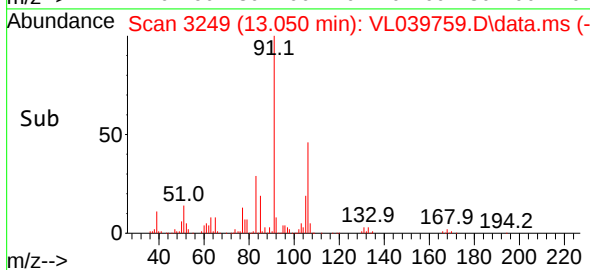
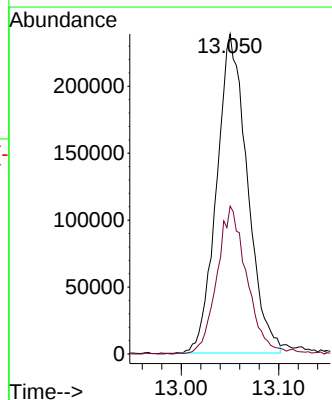
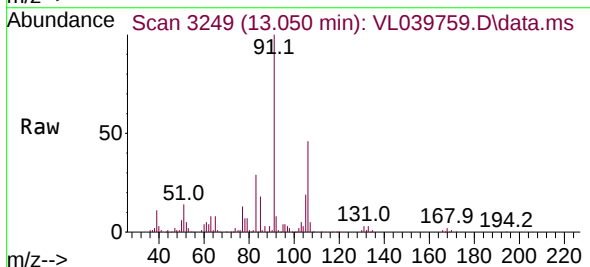
Manual Integrations
APPROVED

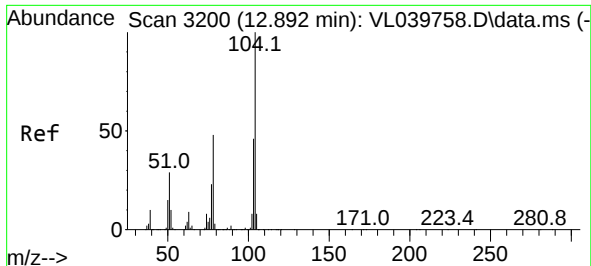
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 2.141 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

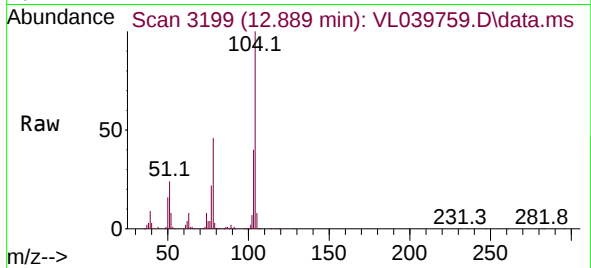
Tgt Ion: 91 Resp: 521712
Ion Ratio Lower Upper
91 100
106 45.6 22.4 67.0





#61
Styrene
Concen: 2.154 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

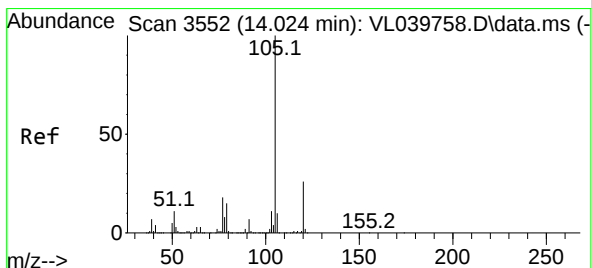
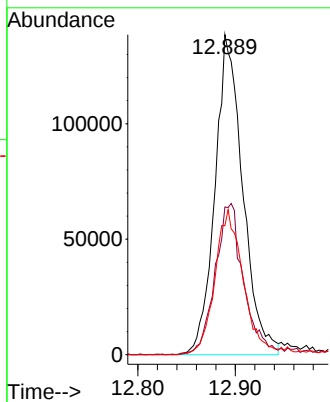
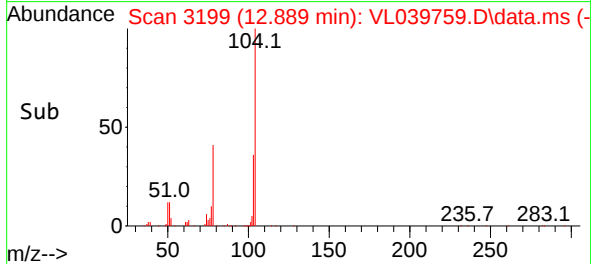
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



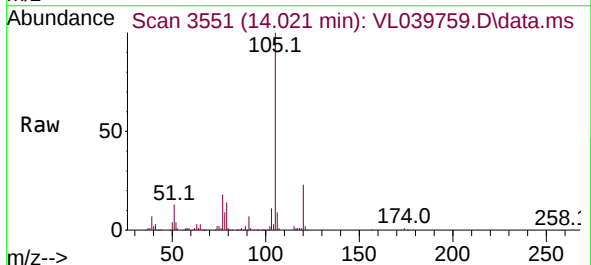
Tgt Ion:104 Resp: 27464
Ion Ratio Lower Upper
104 100
78 50.3 39.6 59.4
103 47.9 38.1 57.1

Manual Integrations
APPROVED

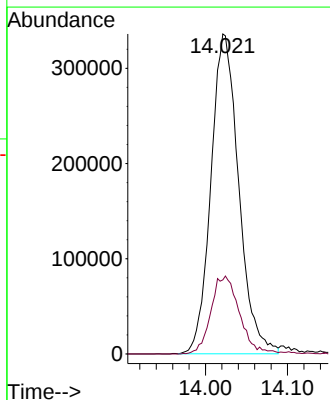
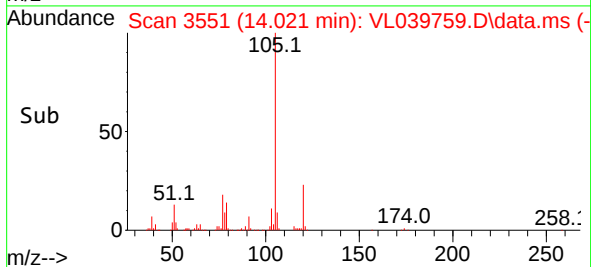
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

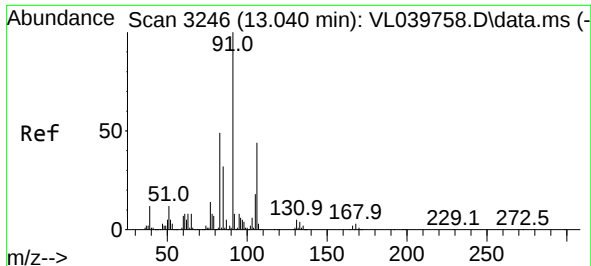


#62
Isopropylbenzene
Concen: 2.176 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. 0.000 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



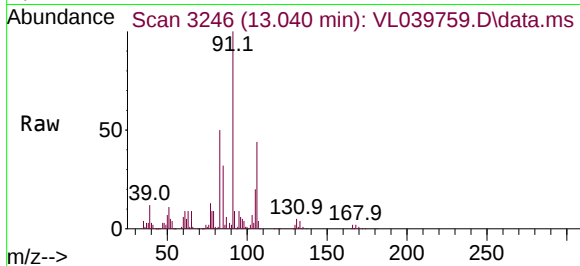
Tgt Ion:105 Resp: 789828
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 2.196 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

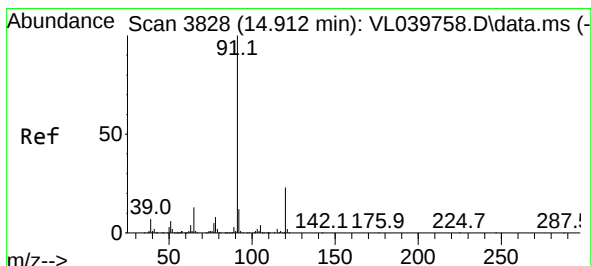
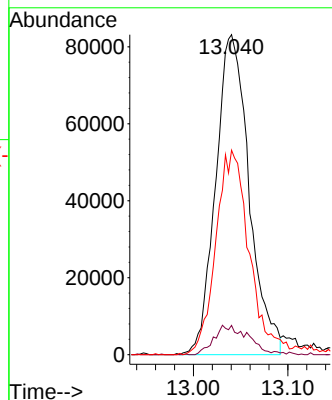
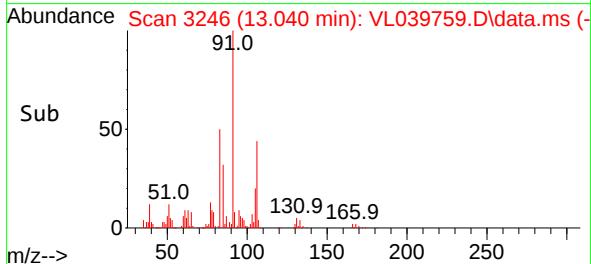
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



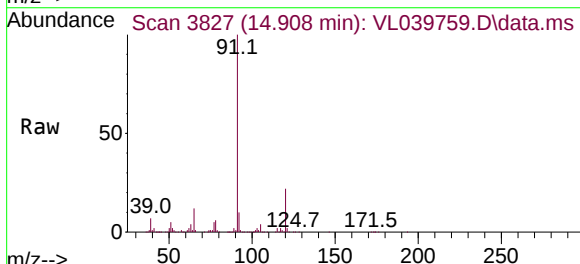
Tgt Ion: 83 Resp: 204512
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 65.4 32.8 98.4

Manual Integrations
APPROVED

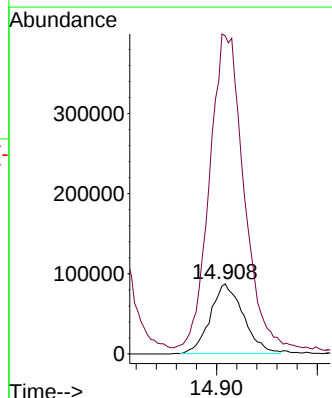
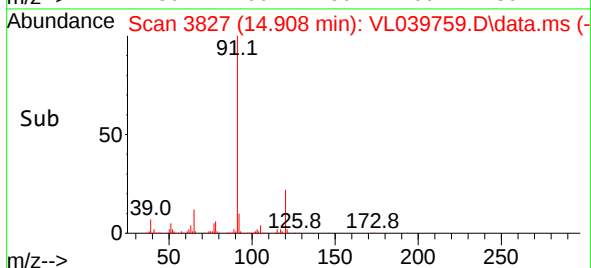
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

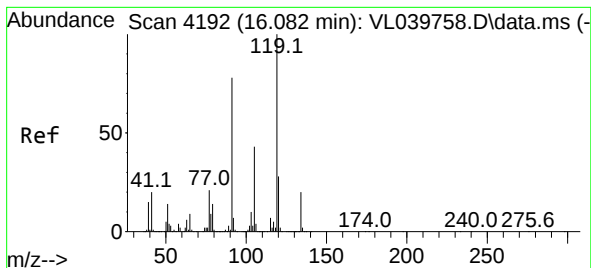


#64
n-propylbenzene
Concen: 2.181 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



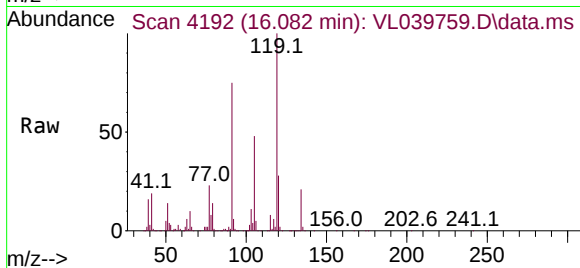
Tgt Ion:120 Resp: 198917
Ion Ratio Lower Upper
120 100
91 494.9 376.2 564.2





#65
tert-Butylbenzene
Concen: 2.275 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

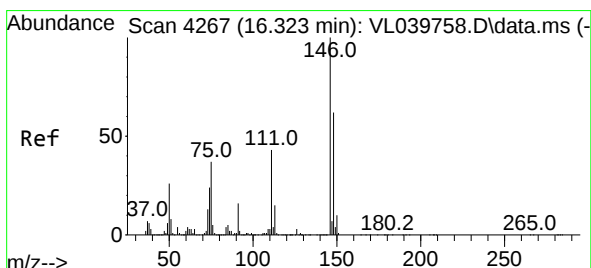
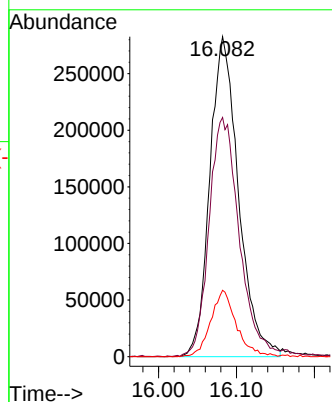
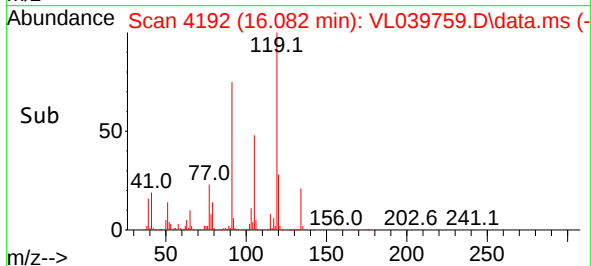
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



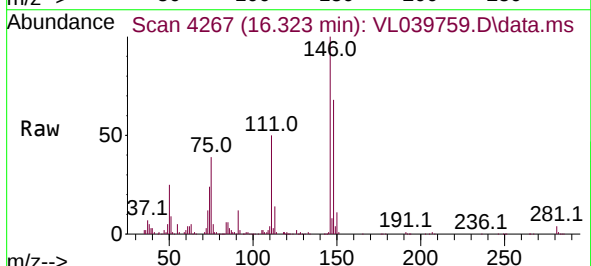
Tgt Ion: 119 Resp: 723434
Ion Ratio Lower Upper
119 100
91 79.7 64.2 96.2
134 18.7 15.5 23.3

Manual Integrations
APPROVED

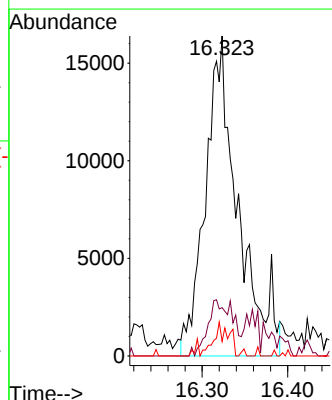
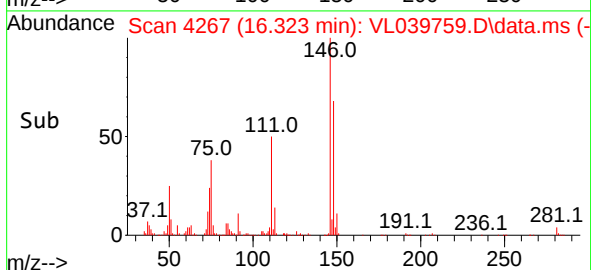
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

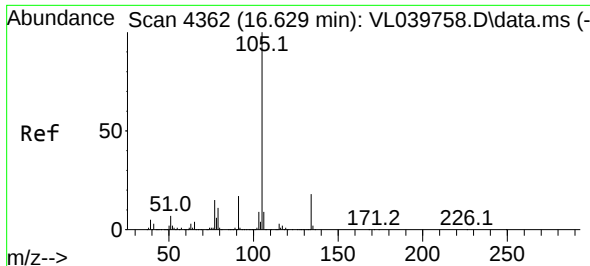


#66
Benzyl Chloride
Concen: 1.943 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. 0.007 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



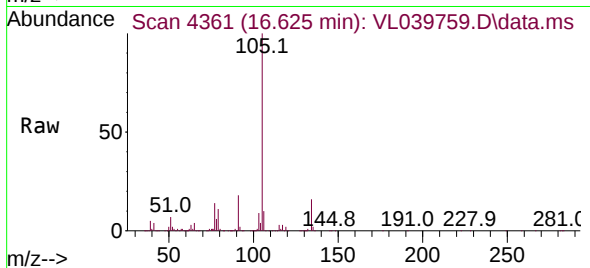
Tgt Ion: 91 Resp: 43181
Ion Ratio Lower Upper
91 100
126 0.0 12.6 18.8#
128 5.9 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 2.253 ppbv
 RT: 16.625 min Scan# 4362
 Delta R.T. -0.003 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

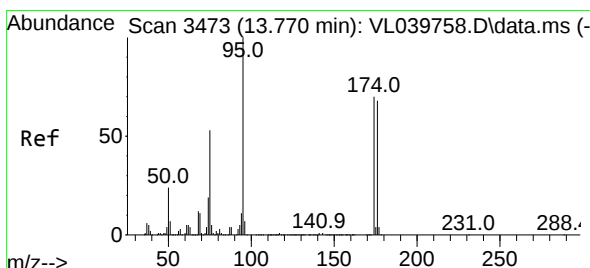
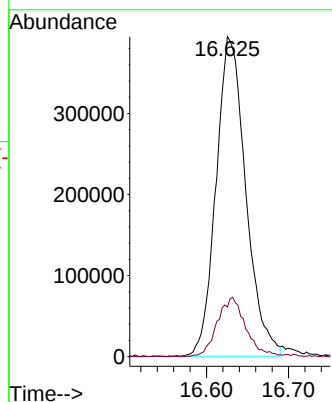
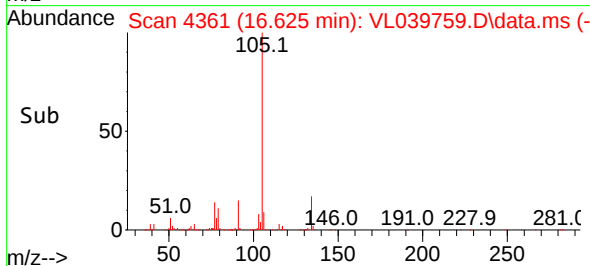
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



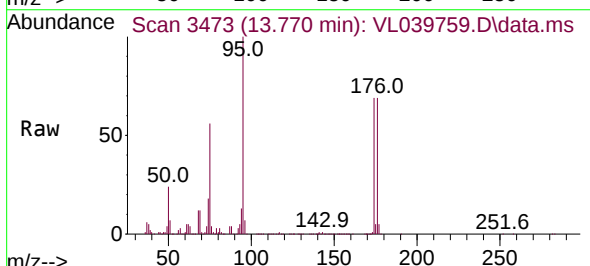
Tgt Ion:105 Resp: 991407
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.2 21.4

Manual Integrations
 APPROVED

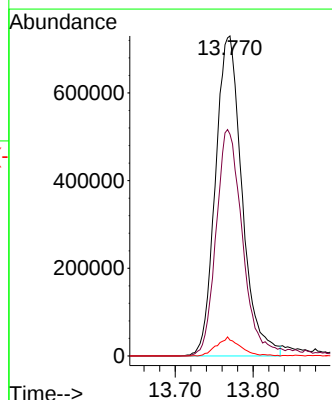
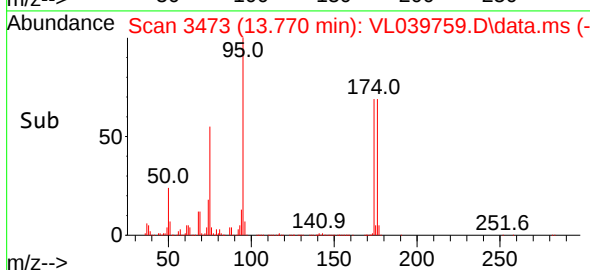
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

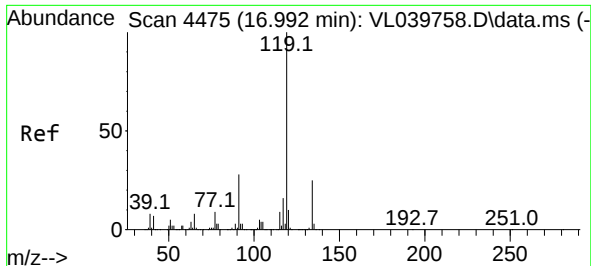


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.797 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.003 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35



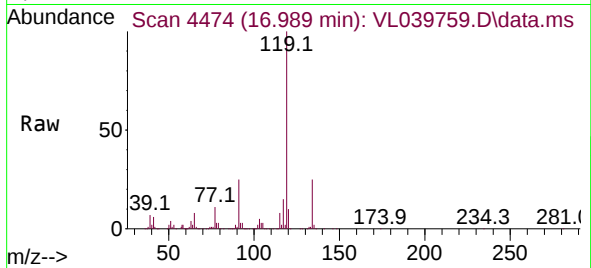
Tgt Ion: 95 Resp: 1735487
 Ion Ratio Lower Upper
 95 100
 174 72.9 56.5 84.7
 175 5.3 4.2 6.4





#69
p-Isopropyltoluene
Concen: 2.296 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

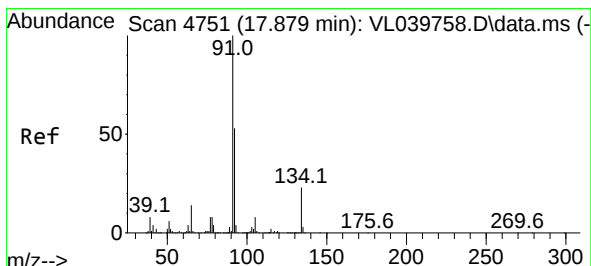
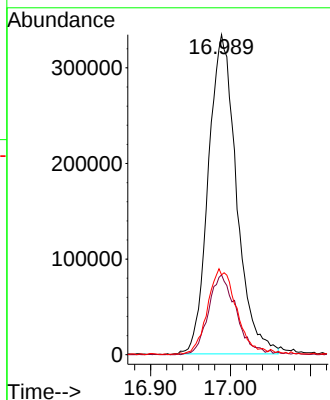
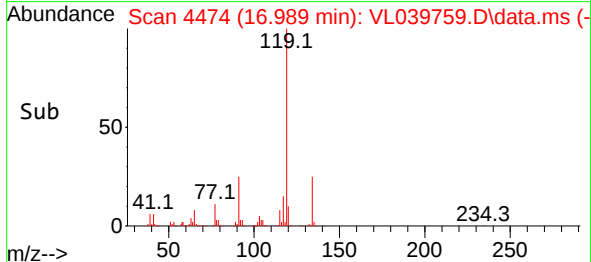
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



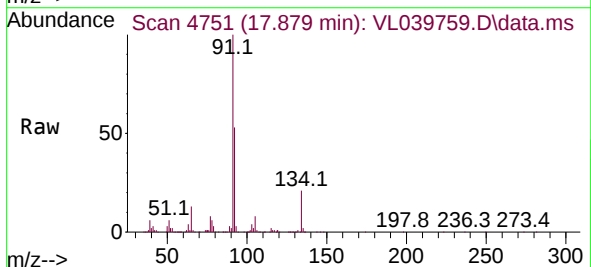
Tgt Ion:119 Resp: 81405
Ion Ratio Lower Upper
119 100
134 25.4 19.8 29.8
91 28.8 22.7 34.1

Manual Integrations
APPROVED

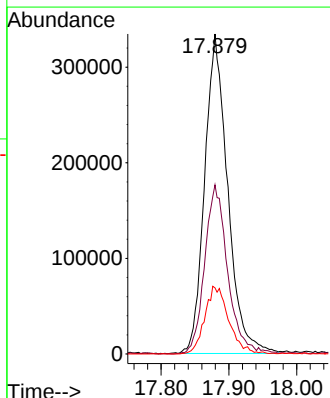
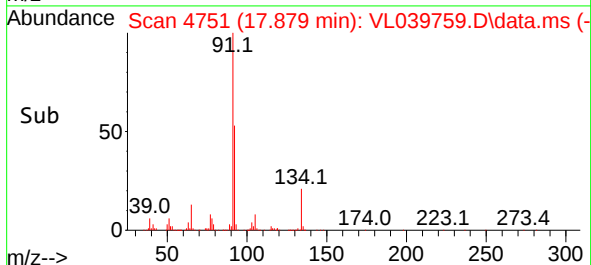
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

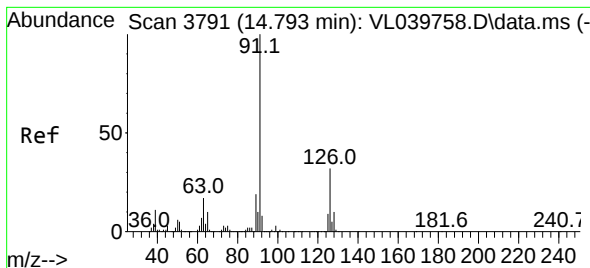


#70
n-Butylbenzene
Concen: 2.313 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



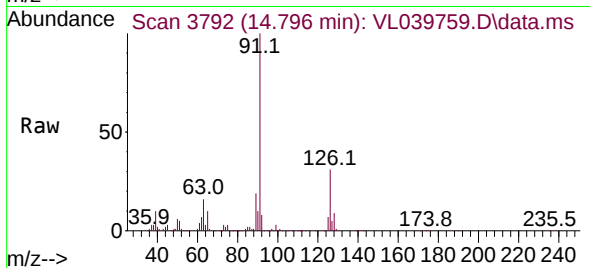
Tgt Ion: 91 Resp: 789071
Ion Ratio Lower Upper
91 100
92 52.7 43.3 64.9
134 22.4 18.4 27.6





#71
2-Chlorotoluene
Concen: 2.185 ppbv
RT: 14.796 min Scan# 3791
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

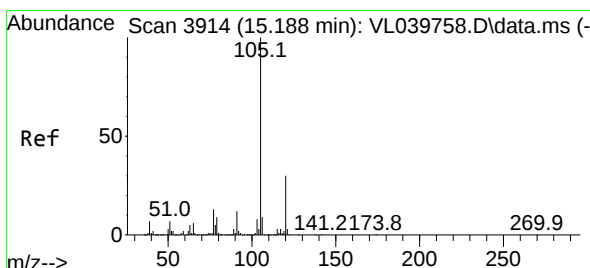
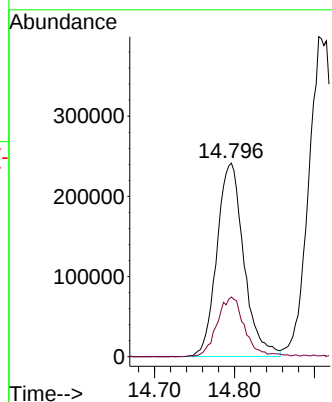
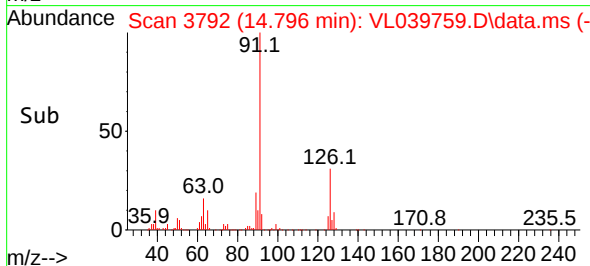
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



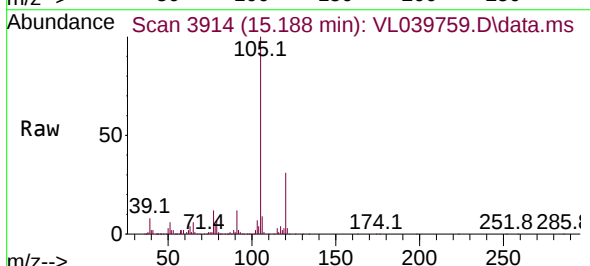
Tgt Ion: 91 Resp: 56449
Ion Ratio Lower Upper
91 100
126 31.6 12.7 50.7

Manual Integrations
APPROVED

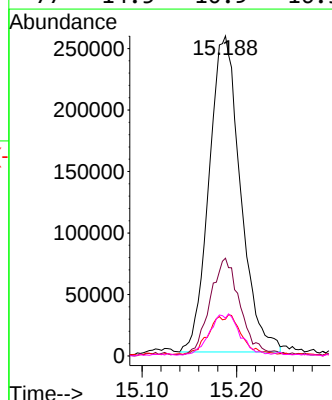
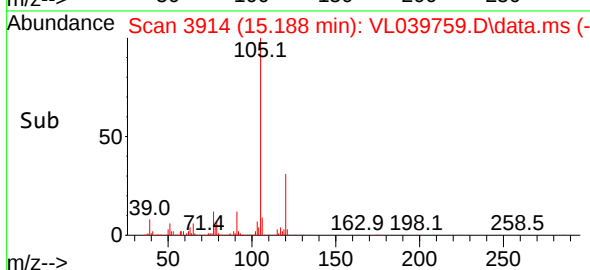
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

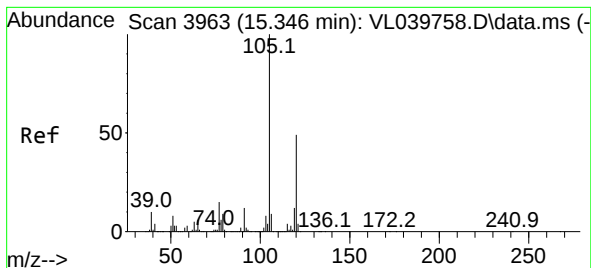


#72
4-Ethyltoluene
Concen: 2.181 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35



Tgt Ion:105 Resp: 593320
Ion Ratio Lower Upper
105 100
120 30.8 23.9 35.9
91 15.1 10.3 15.5
77 14.5 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 2.130 ppbv

RT: 15.343 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 539239

Ion Ratio Lower Upper

105 100

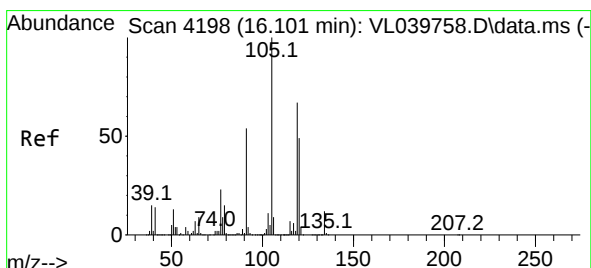
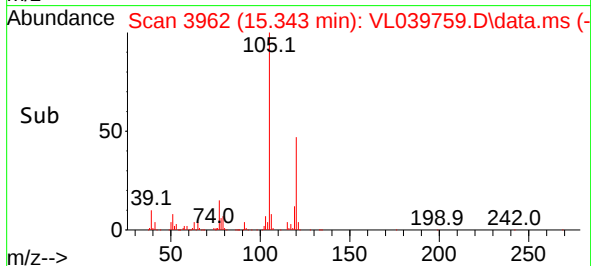
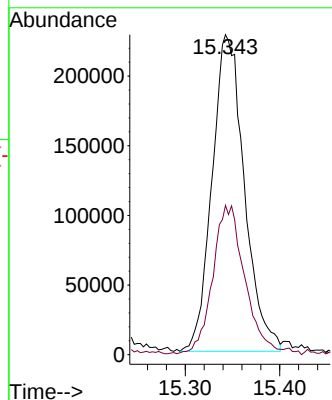
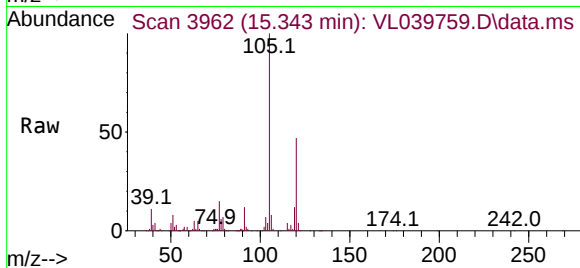
120 46.6 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

1,2,4-Trimethylbenzene

Concen: 2.240 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.003 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Tgt Ion:105 Resp: 623034

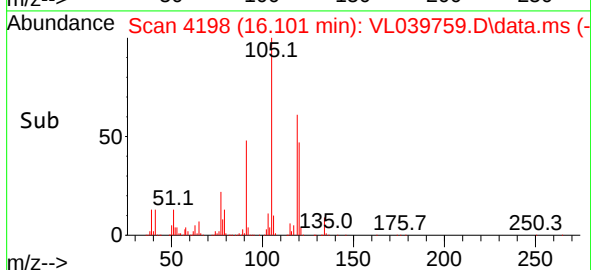
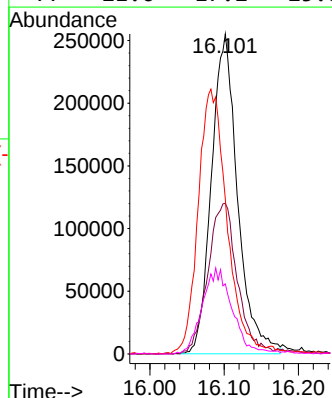
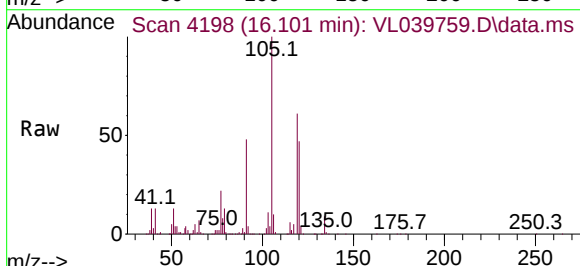
Ion Ratio Lower Upper

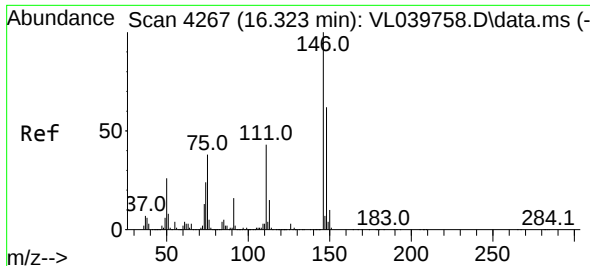
105 100

120 47.0 37.6 56.4

91 47.3 40.1 60.1

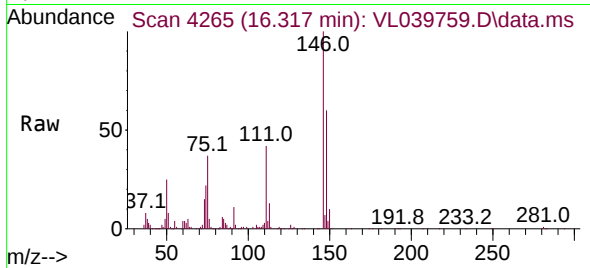
77 21.6 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 2.169 ppbv
RT: 16.317 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

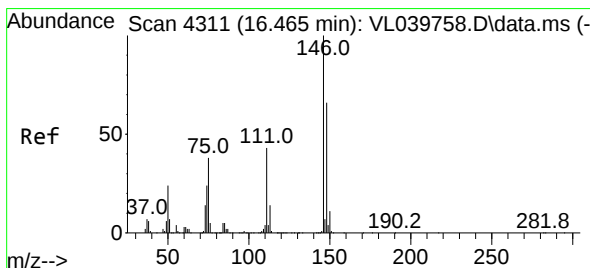
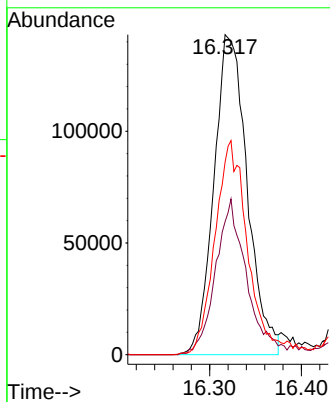
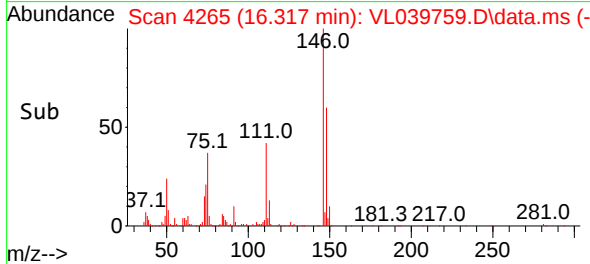
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:146 Resp: 361364
Ion Ratio Lower Upper
146 100
111 45.0 22.8 68.3
148 66.7 32.6 97.7

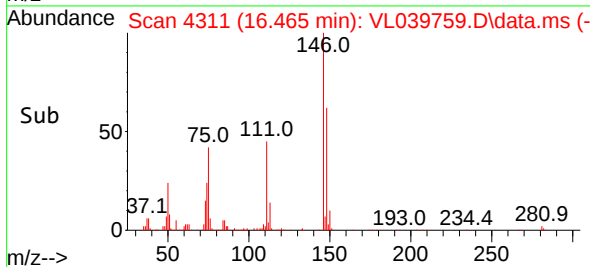
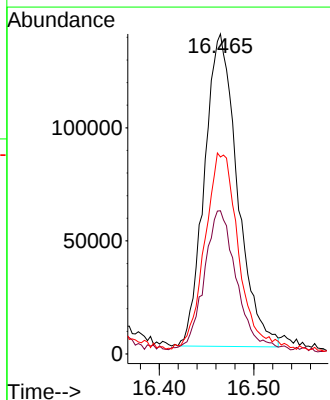
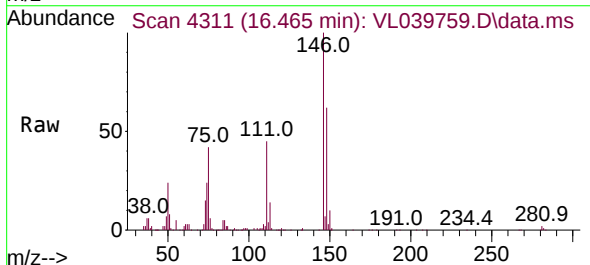
Manual Integrations
APPROVED

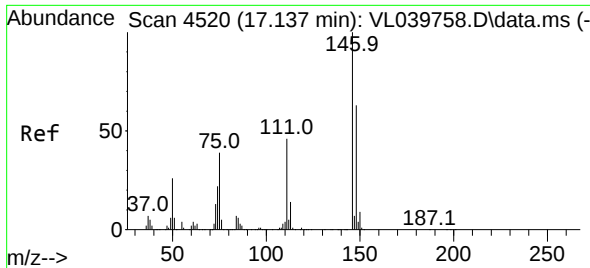
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,4-Dichlorobenzene
Concen: 2.059 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Tgt Ion:146 Resp: 335026
Ion Ratio Lower Upper
146 100
111 48.1 22.1 66.5
148 69.4 33.2 99.6





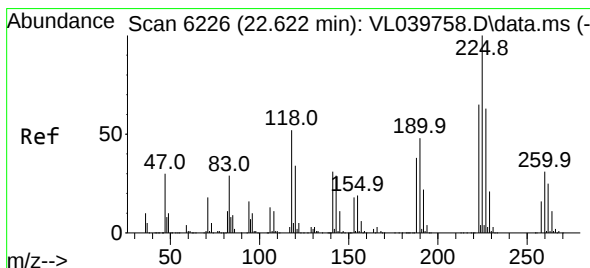
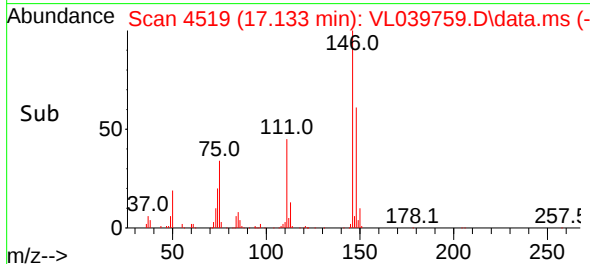
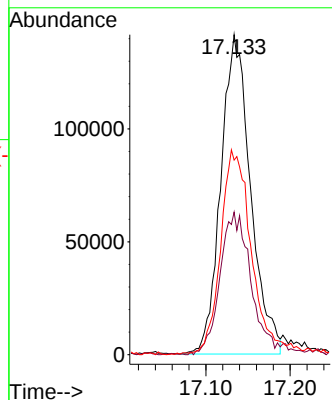
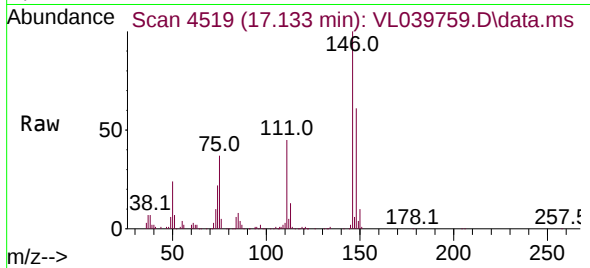
#77
1,2-Dichlorobenzene
Concen: 2.139 ppbv
RT: 17.133 min Scan# 4520
Delta R.T. 0.003 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 34633
Ion Ratio Lower Upper
146 100
111 48.3 23.6 70.8
148 67.7 32.8 98.3

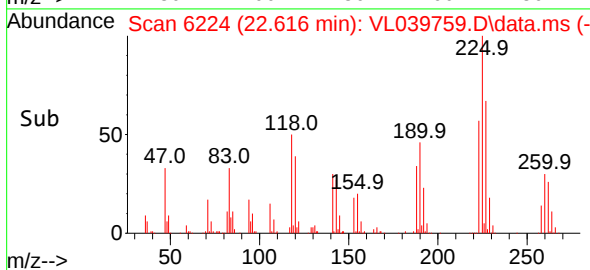
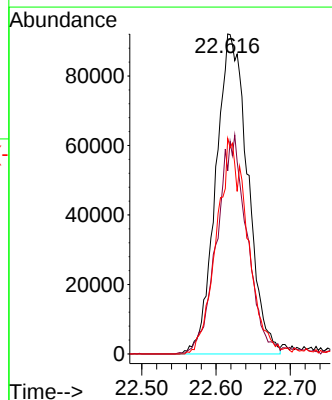
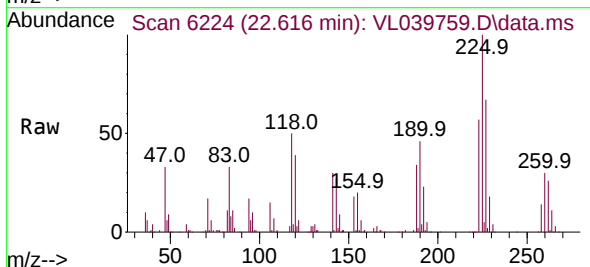
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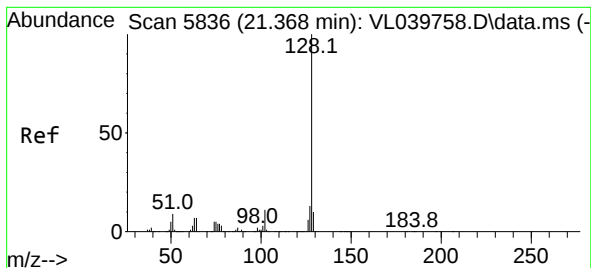
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
Hexachloro-1,3-Butadiene
Concen: 2.351 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.006 min
Lab File: VL039759.D
Acq: 24 Oct 2022 14:35

Tgt Ion:225 Resp: 274983
Ion Ratio Lower Upper
225 100
223 66.2 52.4 78.6
227 65.5 52.7 79.1





#79

Naphthalene

Concen: 2.687 ppbv

RT: 21.374 min Scan# 5836

Delta R.T. 0.007 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:128 Resp: 43748

Ion Ratio Lower Upper

128 100

127 12.2 10.8 16.2

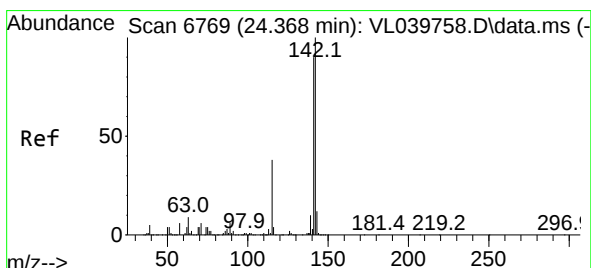
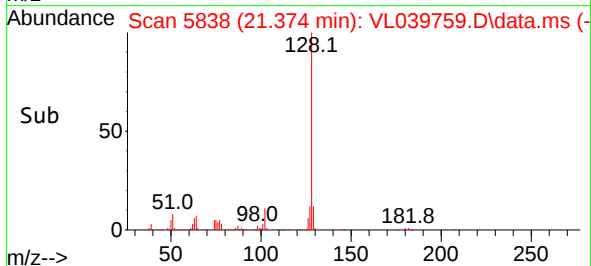
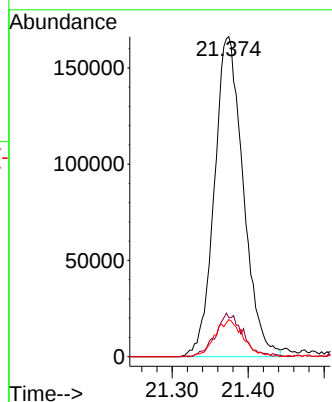
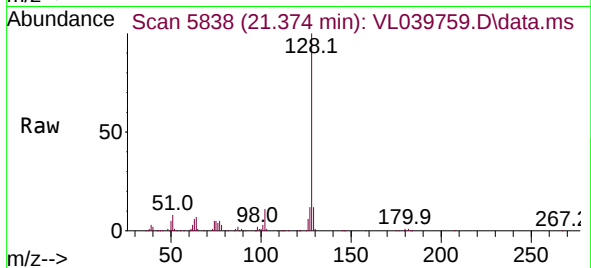
129 11.6 9.4 14.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#80

Naphthalene,2-methyl-

Concen: 2.760 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.000 min

Lab File: VL039759.D

Acq: 24 Oct 2022 14:35

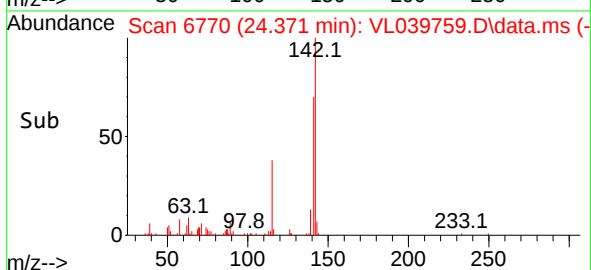
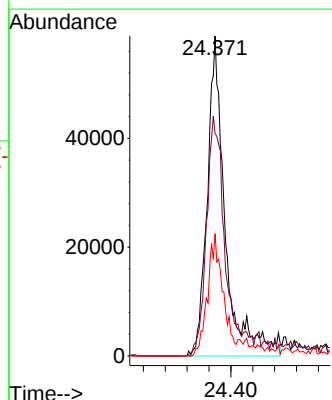
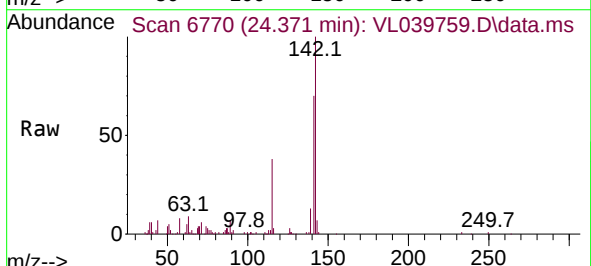
Tgt Ion:142 Resp: 134228

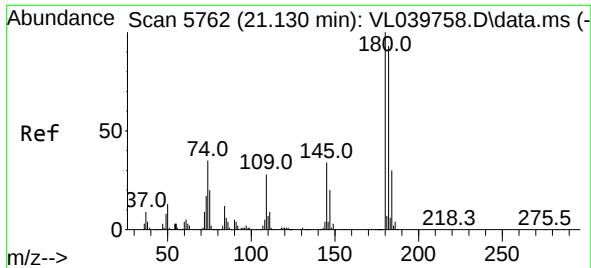
Ion Ratio Lower Upper

142 100

141 77.5 70.0 105.0

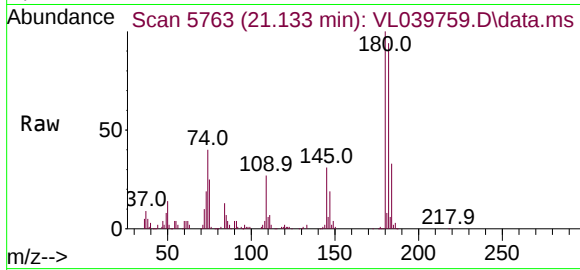
115 39.1 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 2.386 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039759.D
 Acq: 24 Oct 2022 14:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 260304
 Ion Ratio Lower Upper
 180 100
 182 96.5 0.0 0.0
 184 31.1 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

