

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039670.D
 Acq On : 22 Sep 2022 17:41
 Operator : SY/AP
 Sample : VL0922ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABS01

Quant Time: Sep 23 06:35:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/27/2022
 Supervised By : Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Bromochloromethane	5.230	49	1029167	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.687	114	2682674	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.500	117	2645569m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.806	95	2022699	10.242	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.767	85	1077961	9.035	ppbv	97
3) Chlorodifluoromethane	2.713	51	1090177	8.926	ppbv	97
4) Chloromethane	2.851	50	584477	7.930	ppbv	99
5) Vinyl Chloride	2.957	62	542852	8.837	ppbv	100
6) Bromomethane	3.156	94	218129	9.628	ppbv	86
7) Chloroethane	3.234	64	199902	8.898	ppbv	95
8) Dichlorotetrafluoroethane	2.893	85	1362361	9.519	ppbv	96
9) Propene	2.732	41	474267	8.502	ppbv	99
10) Heptane	7.613	43	1260337	9.683	ppbv	98
11) Trichlorofluoromethane	3.600	101	1359377	9.200	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.105	101	1013334	9.080	ppbv	98
13) Ethanol	3.282	45	30102m	7.083	ppbv	
14) Bromoethene	3.404	108	399027	8.956	ppbv	97
15) Acetone	3.507	43	985603	8.606	ppbv	99
16) 1,3-Butadiene	3.021	39	550889	9.482	ppbv	96
17) tert-Butyl alcohol	3.915	59	992323	9.656	ppbv	99
18) 1,1-Dichloroethene	3.918	96	449481	9.154	ppbv	98
19) Isopropyl Alcohol	3.610	45	486371	8.332	ppbv #	94
20) Methylene Chloride	3.970	84	367778	6.946	ppbv	97
21) Allyl Chloride	4.034	41	664588	8.522	ppbv	100
22) trans-1,2-Dichloroethene	4.484	96	419999	8.646	ppbv	96
23) Vinyl Acetate	4.664	43	282398	5.455	ppbv	99
24) 1,1-Dichloroethane	4.600	63	938296	9.101	ppbv	98
25) Ethyl Acetate	5.240	43	2533390	10.145	ppbv	99
26) Hexane	5.250	57	906818	8.557	ppbv	83
27) Carbon Disulfide	4.163	76	1030928	9.257	ppbv	97
28) Methyl tert-Butyl Ether	4.623	73	755048	8.481	ppbv	98
29) Chloroform	5.311	83	1435064	9.381	ppbv	97
30) Cyclohexane	6.635	84	785733	9.575	ppbv	98
31) cis-1,2-Dichloroethene	5.115	61	851937	8.889	ppbv	99
32) 1,1,1-Trichloroethane	6.041	97	1390880	10.043	ppbv	99
34) 2-Butanone	4.825	43	1267435	9.619	ppbv	98
35) Carbon Tetrachloride	6.529	117	1450353	10.184	ppbv	97
36) Benzene	6.404	78	1897208	9.250	ppbv	97
37) 1,2-Dichloroethane	5.844	62	1047052	9.380	ppbv	100
38) Trichloroethene	7.323	130	872369	7.870	ppbv	99
39) 1,2-Dichloropropane	7.114	63	296319	3.741	ppbv	97
40) 1,4-Dioxane	7.320	88	285049	8.814	ppbv	91
41) Tetrahydrofuran	5.594	42	769349	9.517	ppbv	96
42) Bromodichloromethane	7.282	83	1501228	9.669	ppbv	97
43) Methyl Methacrylate	7.510	69	780062	10.434	ppbv	98
44) 2,2,4-Trimethylpentane	7.362	57	3270311	9.251	ppbv	99
45) t-1,3-Dichloropropene	8.745	75	534276	8.457	ppbv	100

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Manual Integrations
 APPROVED

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Quant Time: Sep 23 06:35:37 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

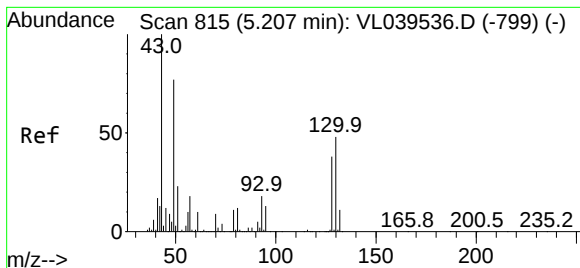
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

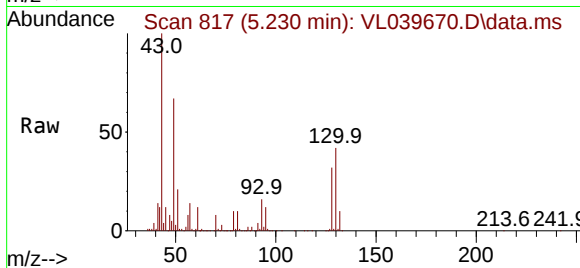
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.175	75	822700	9.147	ppbv	99
47) 1,1,2-Trichloroethane	8.934	97	806835	9.320	ppbv	97
48) Dibromochloromethane	9.741	129	1345590	10.322	ppbv	100
49) Bromoform	12.439	173	1158846	10.748	ppbv	98
50) 4-Methyl-2-Pentanone	8.217	43	2069140	9.993	ppbv	97
51) 2-Hexanone	9.587	43	1557019	10.158	ppbv #	97
52) Tetrachloroethene	10.648	164	724117	9.254	ppbv	98
53) Toluene	9.256	91	2237967	9.811	ppbv	99
54) 1,2-Dibromoethane	10.037	107	1026906	11.089	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.539	131	1060071	9.915	ppbv	96
57) Chlorobenzene	11.561	112	1724156	8.863	ppbv	99
58) Ethyl Benzene	12.121	91	3026664	9.922	ppbv	98
59) m/p-Xylene	12.407	91	5196002m	19.141	ppbv	
60) o-Xylene	13.092	91	2528412	9.753	ppbv	99
61) Styrene	12.934	104	1418014	10.157	ppbv	99
62) Isopropylbenzene	14.063	105	3879690	9.946	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.079	83	1538090	14.875	ppbv	99
64) n-propylbenzene	14.950	120	1001516	10.026	ppbv	95
65) tert-Butylbenzene	16.124	119	3496684	10.146	ppbv	99
66) Benzyl Chloride	16.365	91	189729m	6.914	ppbv	
67) sec-Butylbenzene	16.670	105	4897441	10.132	ppbv	99
69) p-Isopropyltoluene	17.030	119	4152994	10.456	ppbv	99
70) n-Butylbenzene	17.921	91	4136191	10.623	ppbv	99
71) 2-Chlorotoluene	14.831	91	2859874	10.154	ppbv	99
72) 4-Ethyltoluene	15.227	105	3015109	10.188	ppbv	99
73) 1,3,5-Trimethylbenzene	15.384	105	2730555	10.083	ppbv	97
74) 1,2,4-Trimethylbenzene	16.140	105	2928356	9.647	ppbv	95
75) 1,3-Dichlorobenzene	16.365	146	1763043	9.734	ppbv	100
76) 1,4-Dichlorobenzene	16.506	146	1738017	9.592	ppbv	97
77) 1,2-Dichlorobenzene	17.175	146	1748819	9.901	ppbv	100
78) Hexachloro-1,3-Butadiene	22.664	225	1282421	9.503	ppbv	100
79) Naphthalene	21.416	128	2405519	12.008	ppbv	99
80) Naphthalene,2-methyl-	24.406	142	484526	6.433	ppbv	98
81) 1,2,4-Trichlorobenzene	21.175	180	1356415	10.309	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.230 min Scan# 815
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

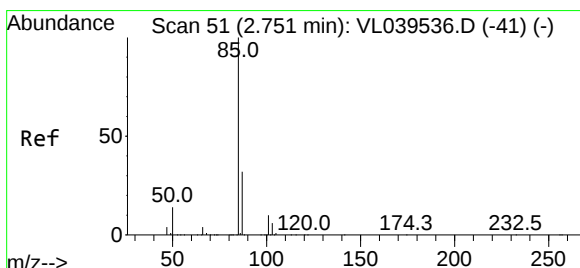
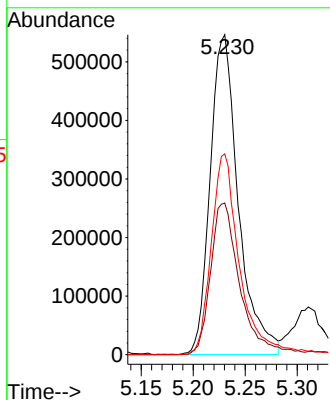
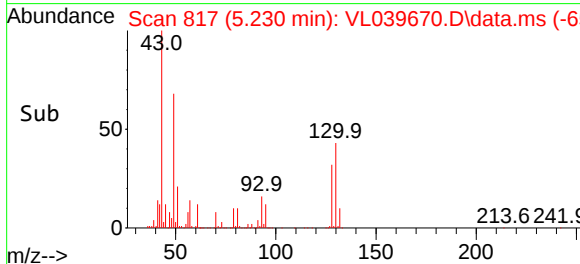
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion: 49 Resp: 102916
Ion Ratio Lower Upper
49 100
128 50.8 26.7 80.0
130 64.6 34.3 102.8

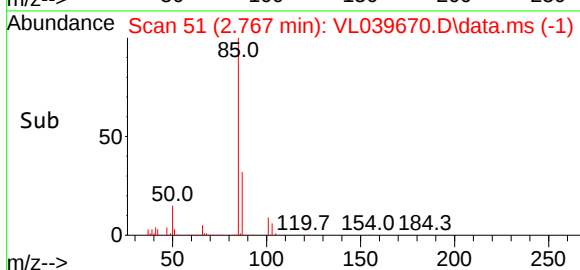
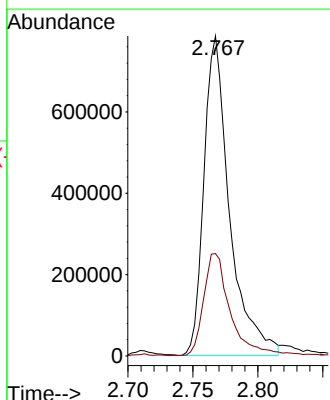
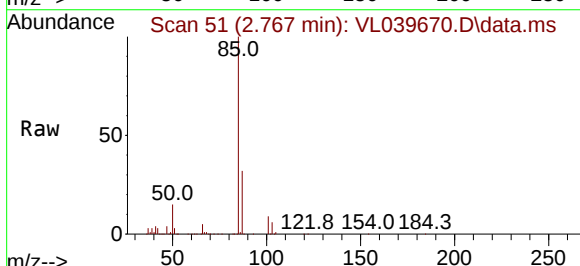
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 9.035 ppbv
RT: 2.767 min Scan# 51
Delta R.T. 0.017 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

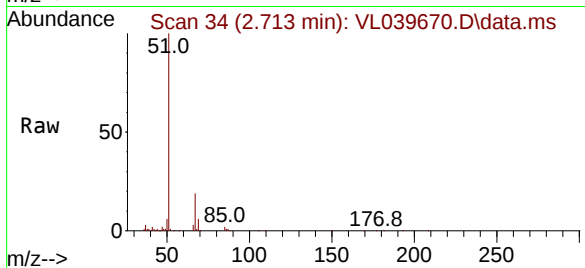
Tgt Ion: 85 Resp: 1077961
Ion Ratio Lower Upper
85 100
87 31.8 26.7 40.1





#3
Chlorodifluoromethane
Concen: 8.926 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.020 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

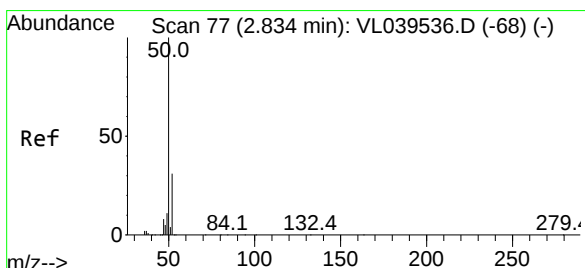
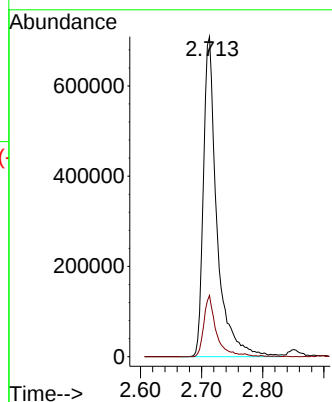
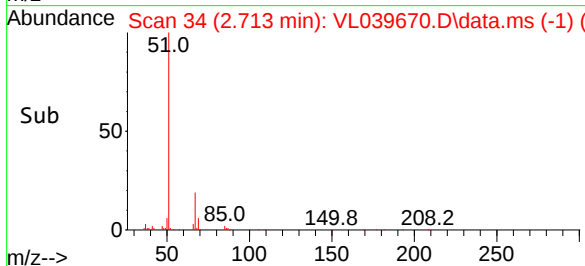
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MSVOA_L
ClientSampleId :
VL0922ABS01



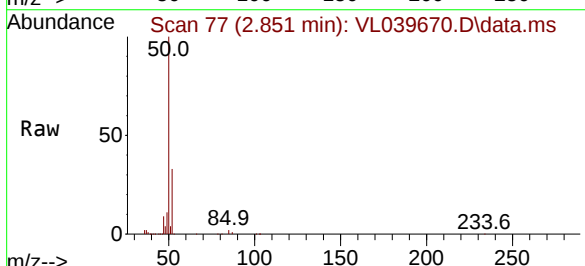
Tgt Ion: 51 Resp: 109017
Ion Ratio Lower Upper
51 100
67 18.1 15.7 23.5

Manual Integrations
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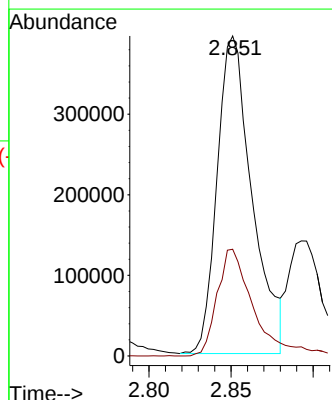
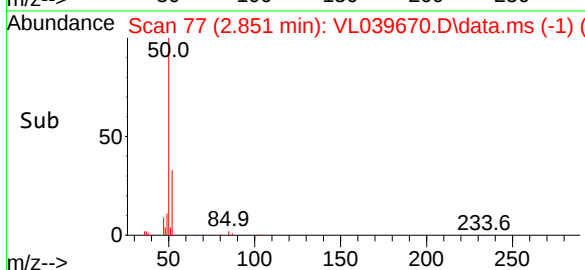
Reviewed By :Semsettin Yesilyurt 09/27/2022
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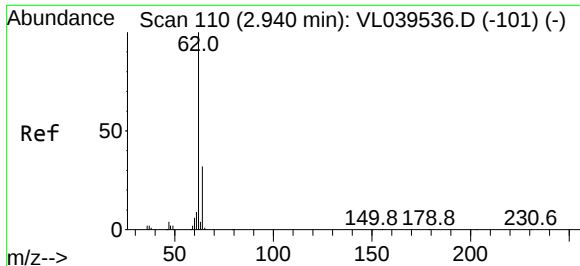


#4
Chloromethane
Concen: 7.930 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.017 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41



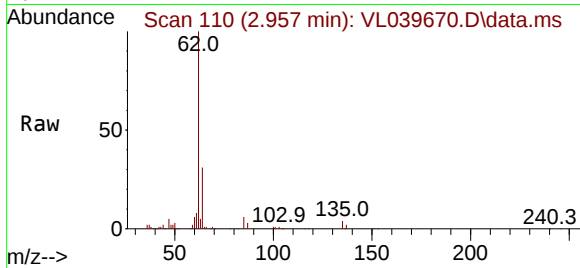
Tgt Ion: 50 Resp: 584477
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7





#5
 Vinyl Chloride
 Concen: 8.837 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. 0.017 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

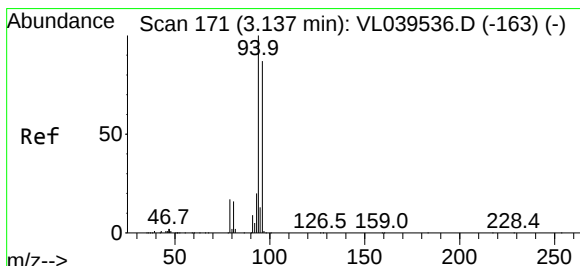
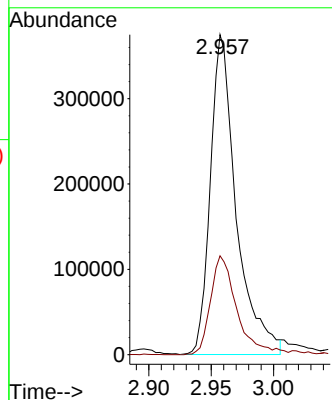
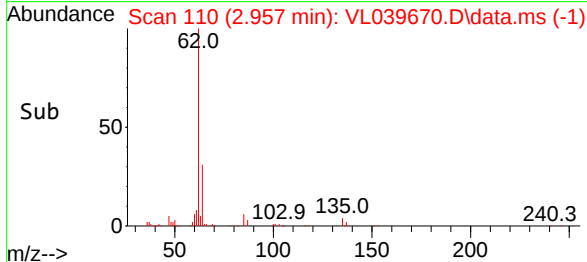
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABS01



Tgt Ion: 62 Resp: 542852
 Ion Ratio Lower Upper
 62 100
 64 30.9 24.6 36.8

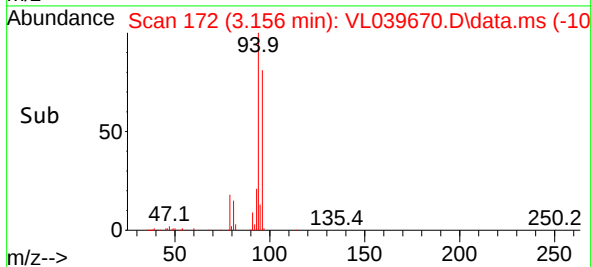
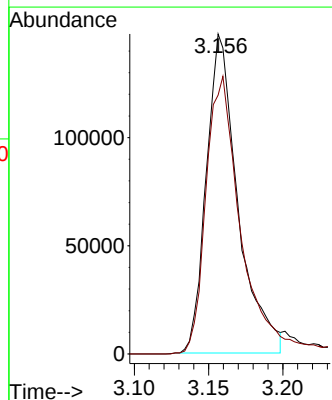
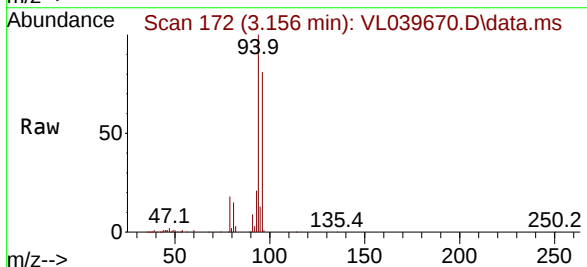
Manual Integrations
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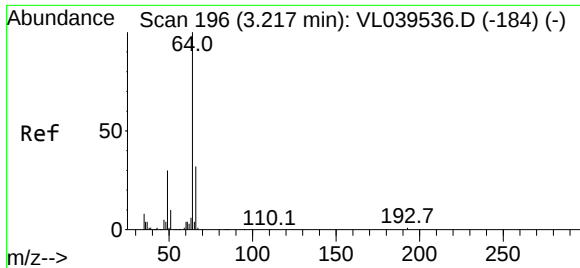
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#6
 Bromomethane
 Concen: 9.628 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. 0.020 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

Tgt Ion: 94 Resp: 218129
 Ion Ratio Lower Upper
 94 100
 96 80.8 75.6 113.4





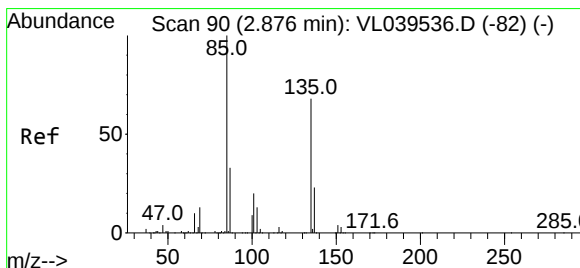
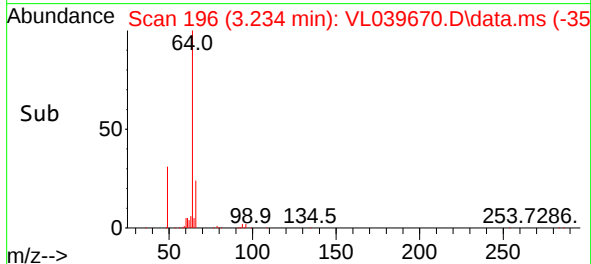
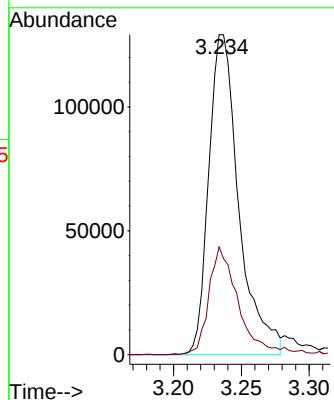
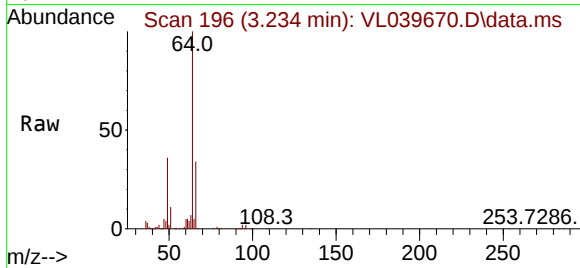
#7
Chloroethane
Concen: 8.898 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.017 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01

Tgt Ion: 64 Resp: 199902
Ion Ratio Lower Upper
64 100
66 33.7 24.7 37.1

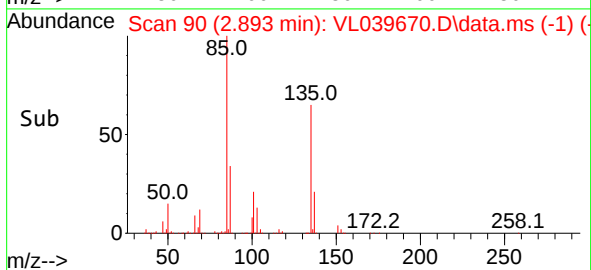
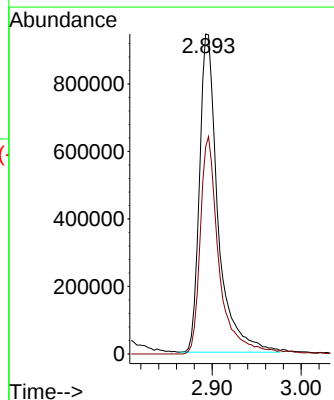
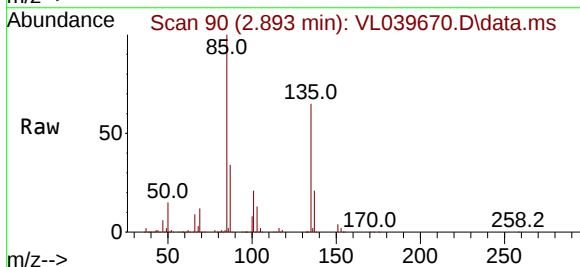
Manual Integrations
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Supervised By :Mahesh Dadoda 09/28/2022



#8
Dichlorotetrafluoroethane
Concen: 9.519 ppbv
RT: 2.893 min Scan# 90
Delta R.T. 0.017 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

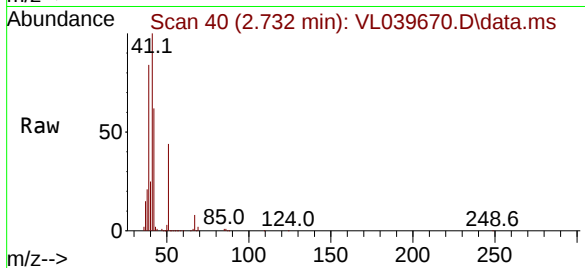
Tgt Ion: 85 Resp: 1362361
Ion Ratio Lower Upper
85 100
135 70.3 59.0 88.4





#9
 Propene
 Concen: 8.502 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.017 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

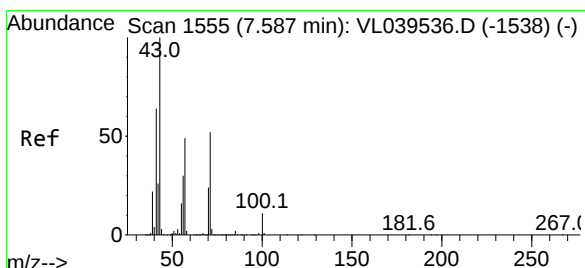
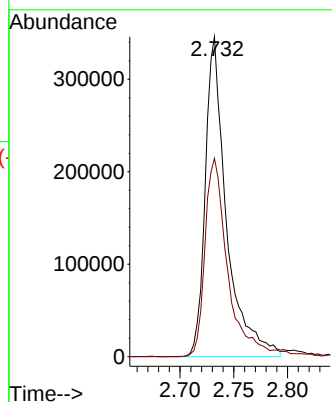
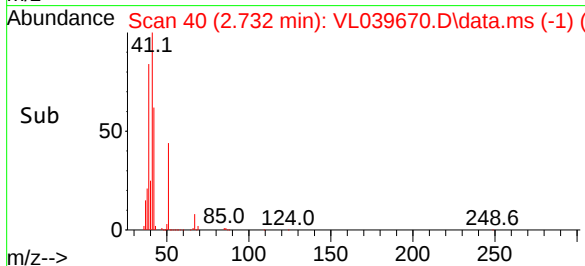
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABS01



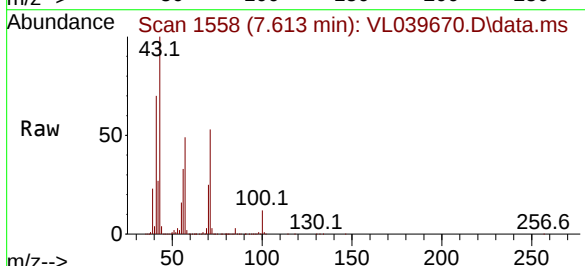
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 Ion Ratio Lower Upper
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 42 68.2 55.2 82.8

Manual Integrations
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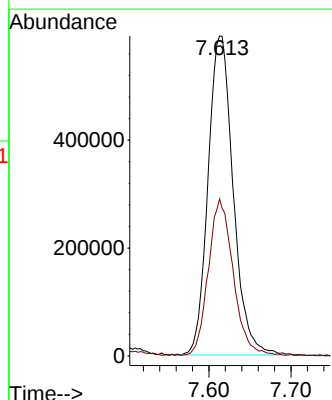
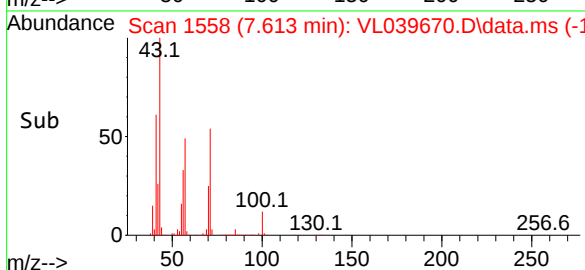
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

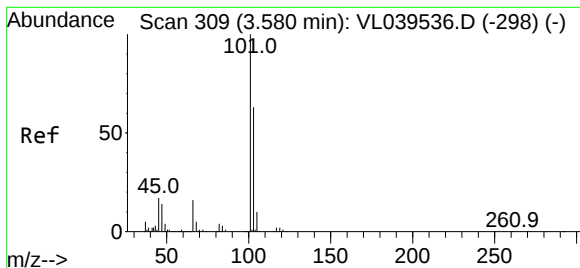


#10
 Heptane
 Concen: 9.683 ppbv
 RT: 7.613 min Scan# 1558
 Delta R.T. 0.026 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41



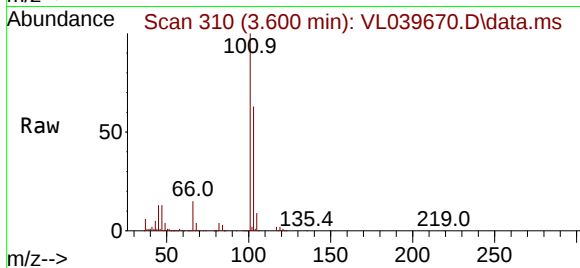
Tgt Ion: 43 Resp: 1260337
 Ion Ratio Lower Upper
 43 100
 57 49.3 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.200 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.020 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

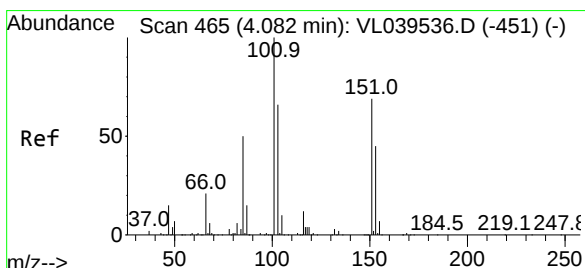
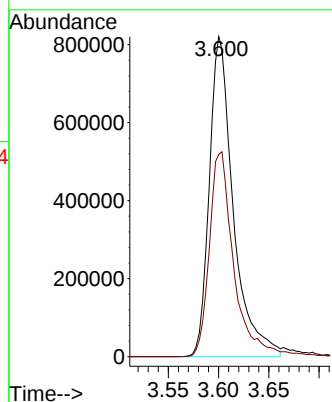
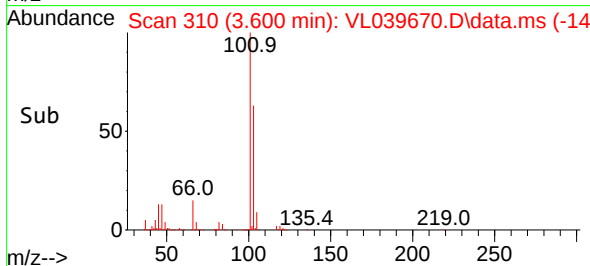
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion:101 Resp: 135937
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8

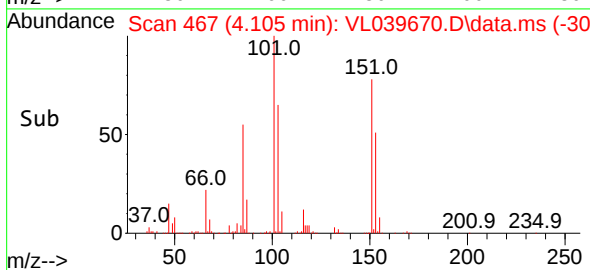
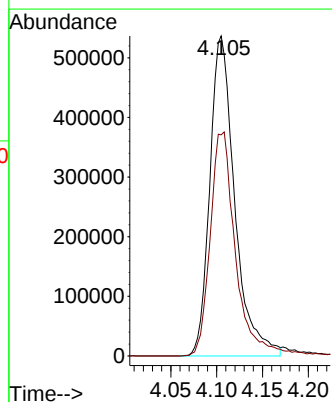
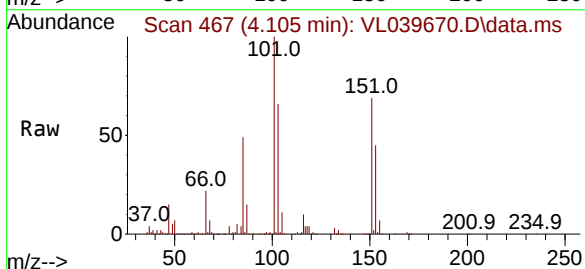
Manual Integrations
APPROVED

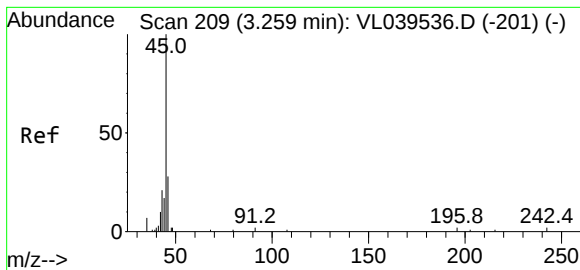
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.080 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

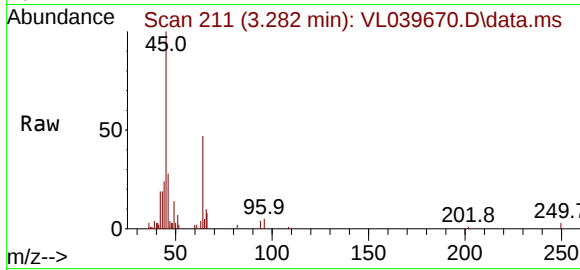
Tgt Ion:101 Resp: 1013334
Ion Ratio Lower Upper
101 100
151 72.0 58.9 88.3





#13
Ethanol
Concen: 7.083 ppbv m
RT: 3.282 min Scan# 211
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

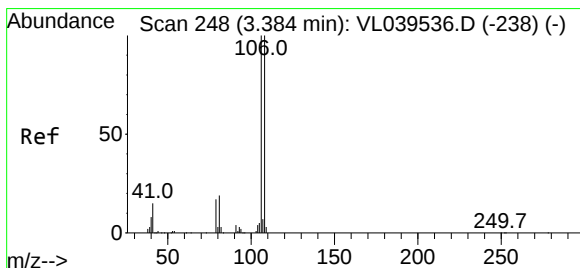
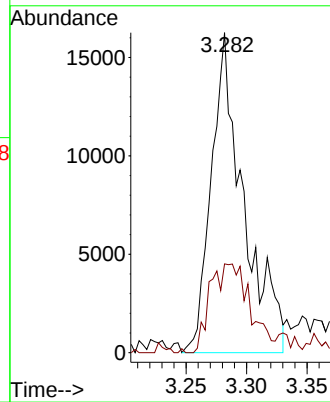
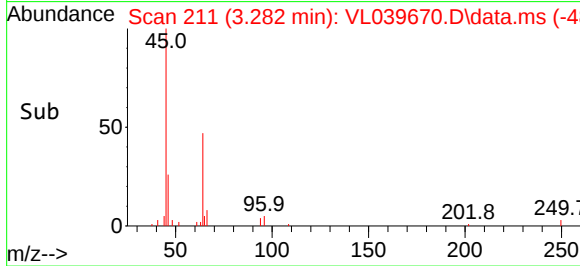
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion: 45 Resp: 3010
Ion Ratio Lower Upper
45 100
46 40.5 22.8 91.2

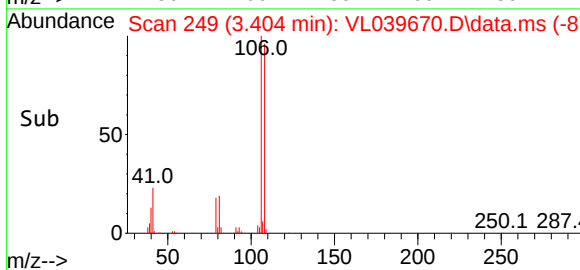
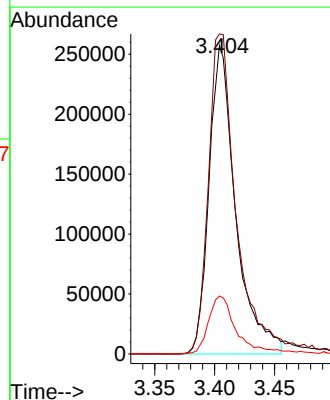
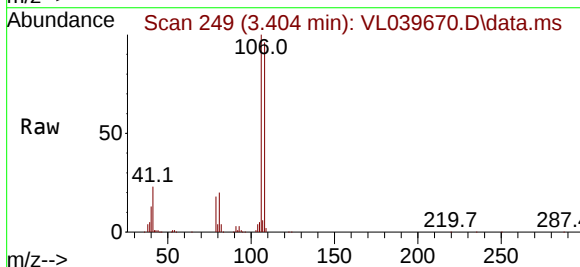
Manual Integrations
APPROVED

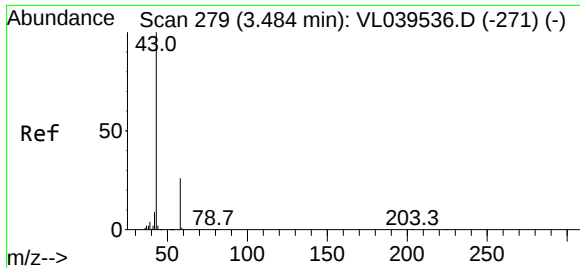
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Bromoethene
Concen: 8.956 ppbv
RT: 3.404 min Scan# 249
Delta R.T. 0.020 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Tgt Ion:108 Resp: 399027
Ion Ratio Lower Upper
108 100
106 112.0 87.1 130.7
79 20.4 14.6 22.0





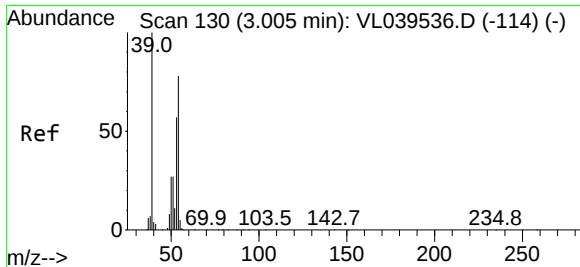
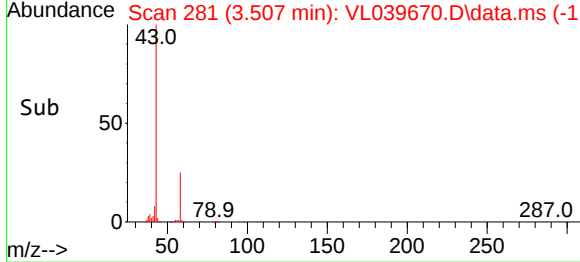
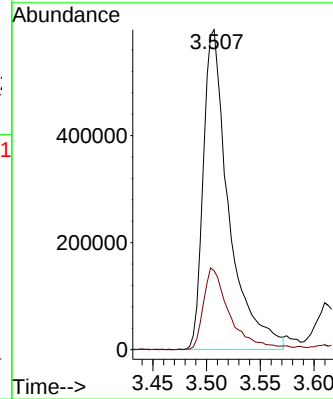
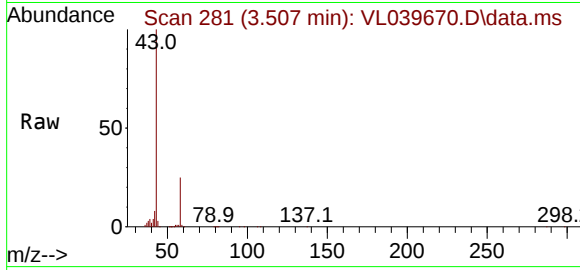
#15
Acetone
Concen: 8.606 ppbv
RT: 3.507 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01

Tgt Ion: 43 Resp: 98560
Ion Ratio Lower Upper
43 100
58 26.8 21.0 31.6

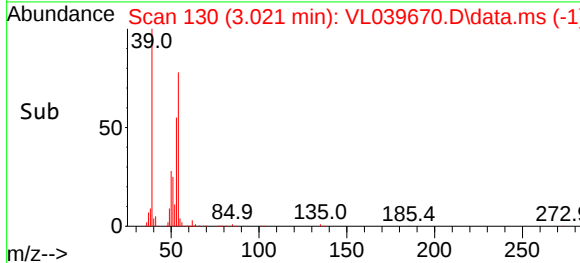
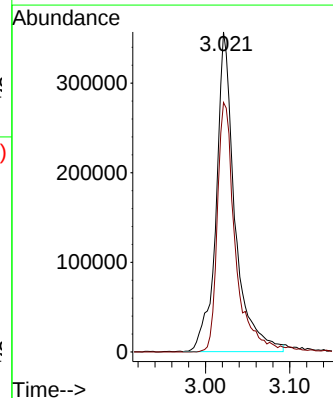
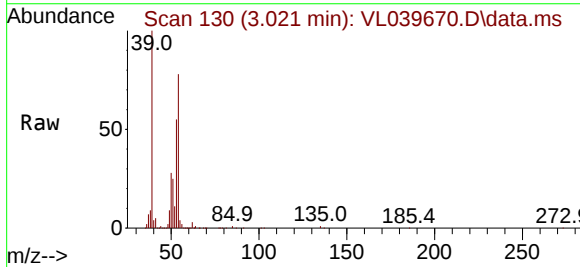
Manual Integrations
APPROVED

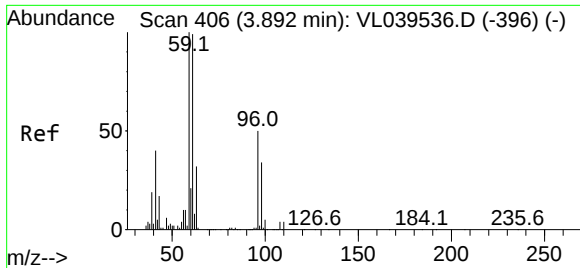
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#16
1,3-Butadiene
Concen: 9.482 ppbv
RT: 3.021 min Scan# 130
Delta R.T. 0.017 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Tgt Ion: 39 Resp: 550889
Ion Ratio Lower Upper
39 100
54 76.3 63.7 95.5





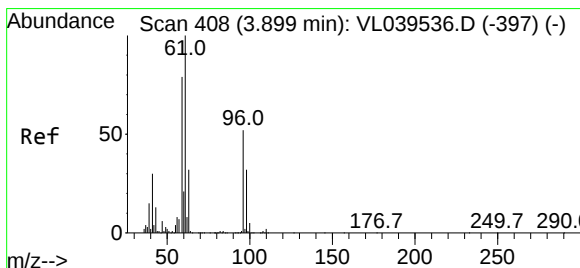
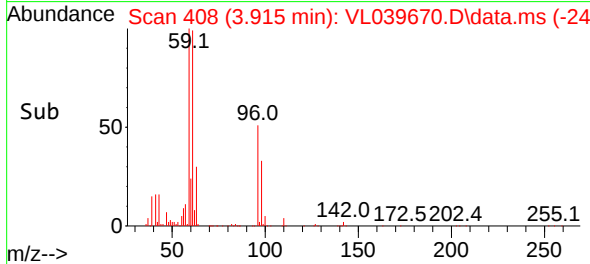
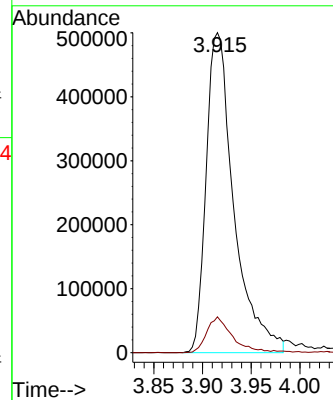
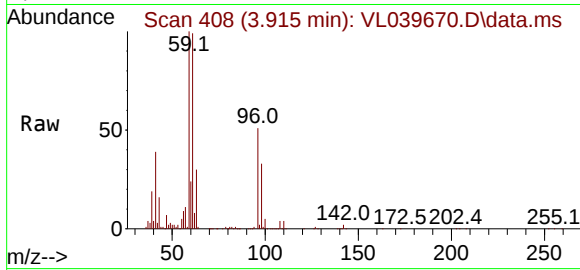
#17
tert-Butyl alcohol
Concen: 9.656 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01

Tgt Ion: 59 Resp: 99232
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

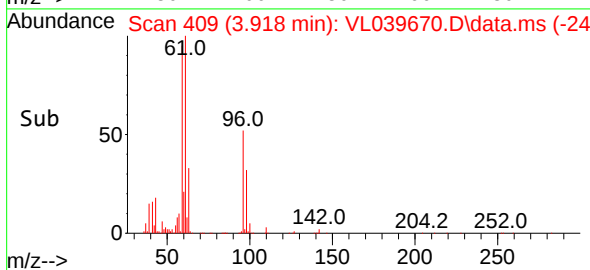
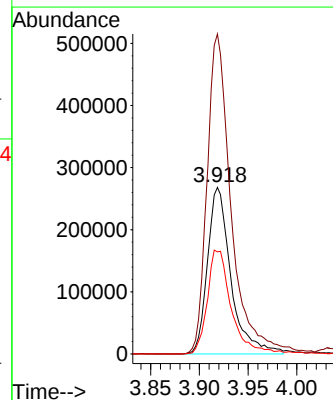
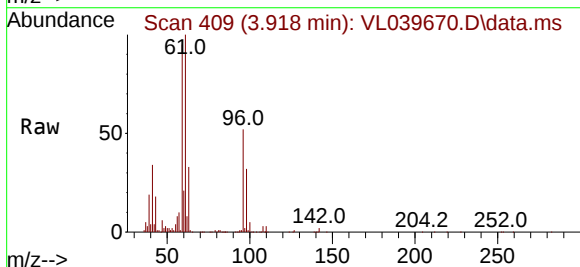
Manual Integrations
APPROVED

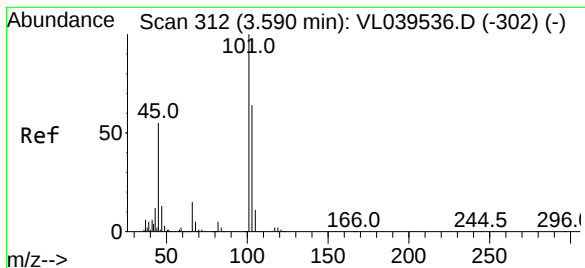
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#18
1,1-Dichloroethene
Concen: 9.154 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.020 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Tgt Ion: 96 Resp: 449481
Ion Ratio Lower Upper
96 100
61 191.9 152.2 228.4
98 61.3 51.8 77.6





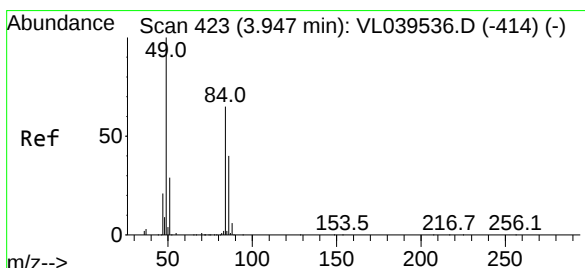
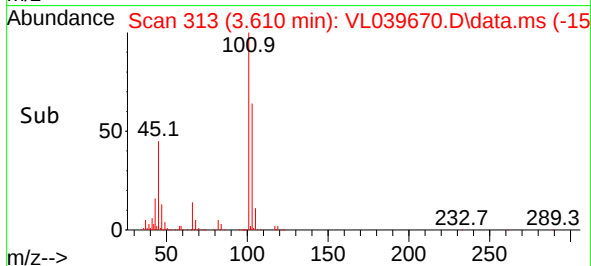
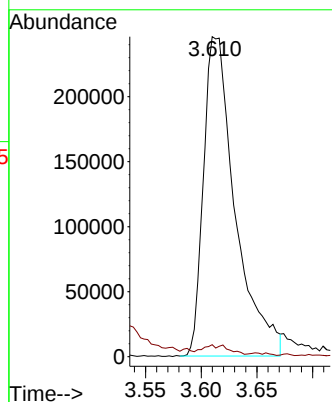
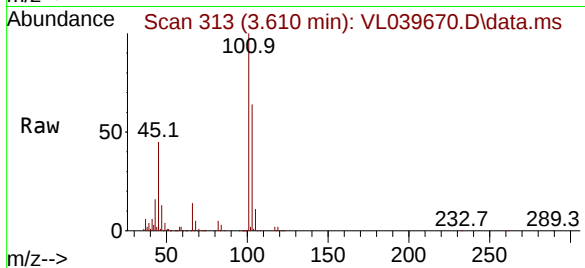
#19
Isopropyl Alcohol
Concen: 8.332 ppbv
RT: 3.610 min Scan# 312
Delta R.T. 0.020 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01

Tgt Ion: 45 Resp: 48637
Ion Ratio Lower Upper
45 100
58 5.9 3.2 4.8

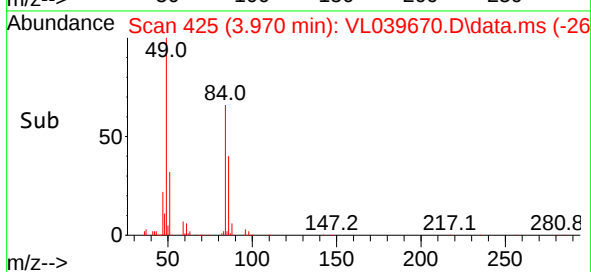
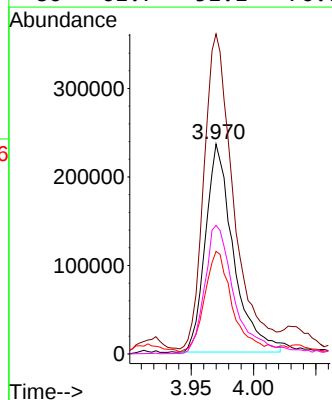
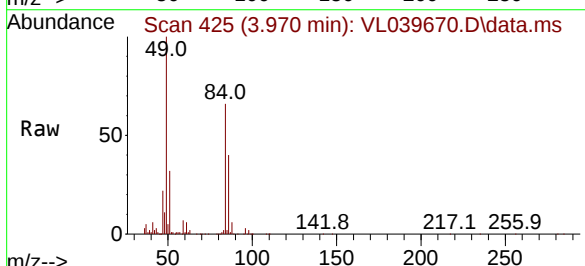
Manual Integrations
APPROVED

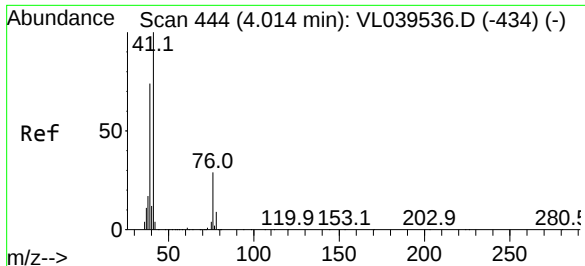
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Methylene Chloride
Concen: 6.946 ppbv
RT: 3.970 min Scan# 425
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Tgt Ion: 84 Resp: 367778
Ion Ratio Lower Upper
84 100
49 151.4 123.1 184.7
51 48.3 34.4 51.6
86 61.7 51.1 76.7





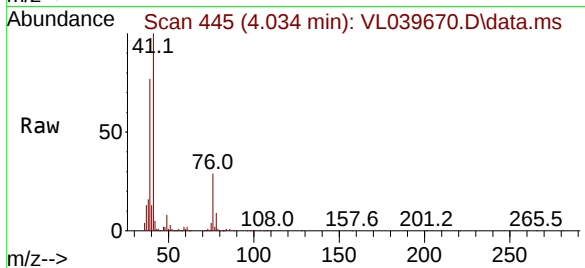
#21
 Allyl Chloride
 Concen: 8.522 ppbv
 RT: 4.034 min Scan# 444
 Delta R.T. 0.020 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

VL0922ABS01

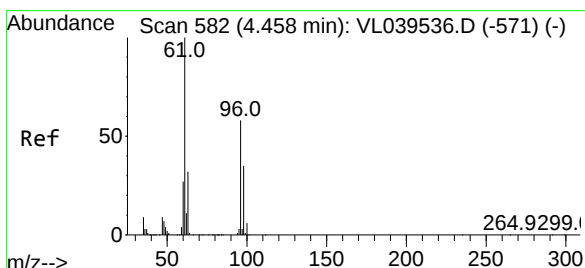
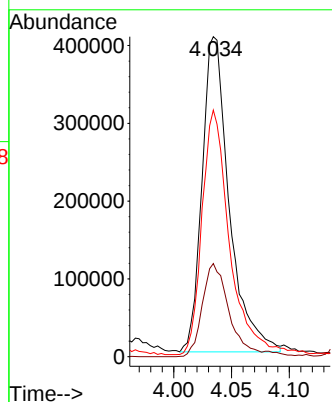
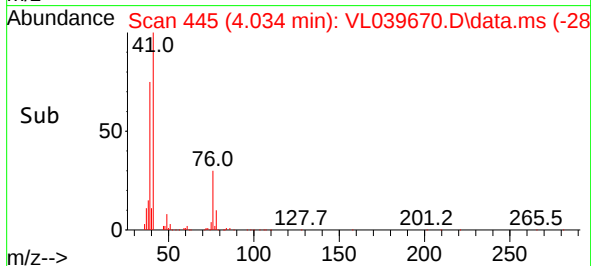


Tgt Ion: 41 Resp: 664588
 Ion Ratio Lower Upper
 41 100
 76 30.1 24.4 36.6
 39 79.4 63.5 95.3

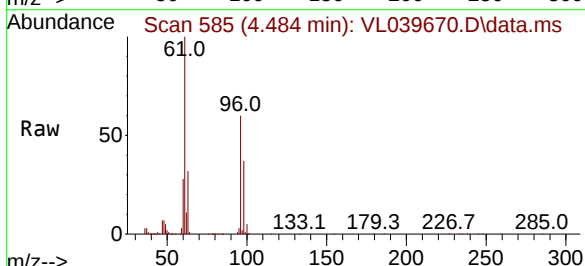
Manual Integrations

APPROVED

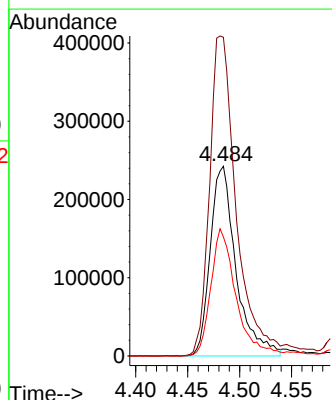
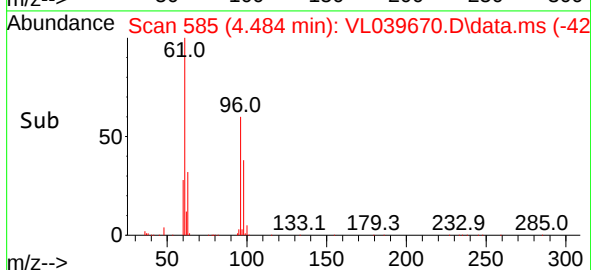
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

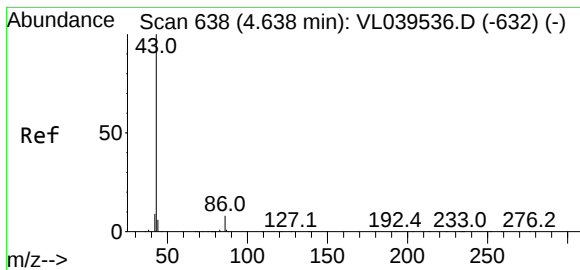


#22
 trans-1,2-Dichloroethene
 Concen: 8.646 ppbv
 RT: 4.484 min Scan# 585
 Delta R.T. 0.026 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41



Tgt Ion: 96 Resp: 419999
 Ion Ratio Lower Upper
 96 100
 61 168.0 130.6 195.8
 98 62.8 53.4 80.0





#23
 Vinyl Acetate
 Concen: 5.455 ppbv
 RT: 4.664 min Scan# 641
 Delta R.T. 0.026 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

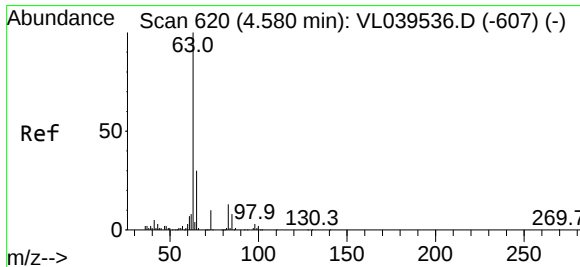
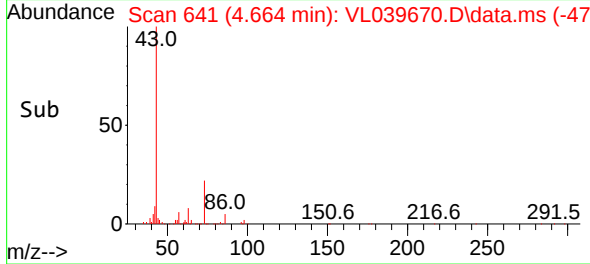
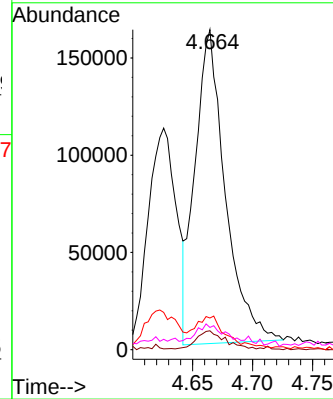
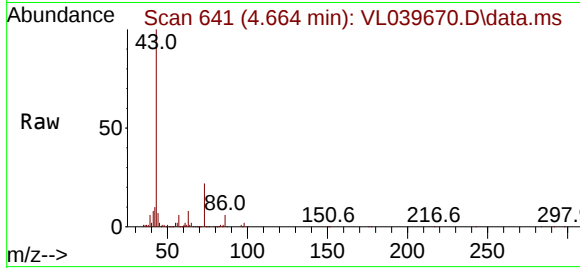
VL0922ABS01

Tgt Ion: 43 Resp: 282398
 Ion Ratio Lower Upper
 43 100
 86 6.1 5.0 7.6
 42 9.3 7.7 11.5
 44 5.4 4.6 7.0

Manual Integrations

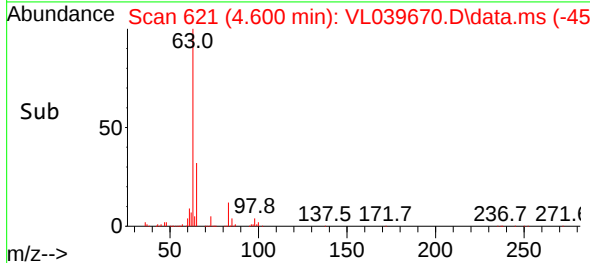
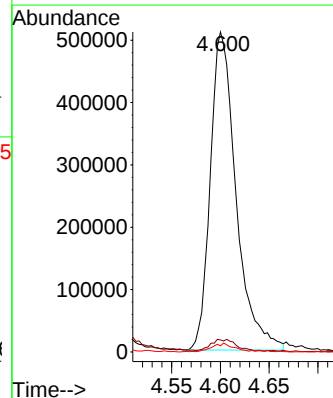
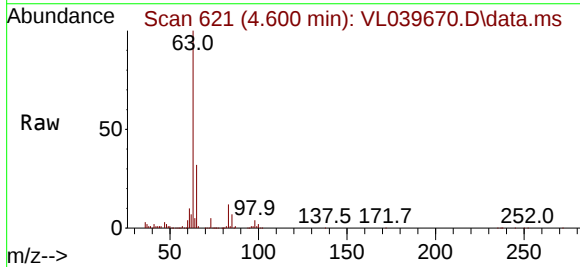
APPROVED

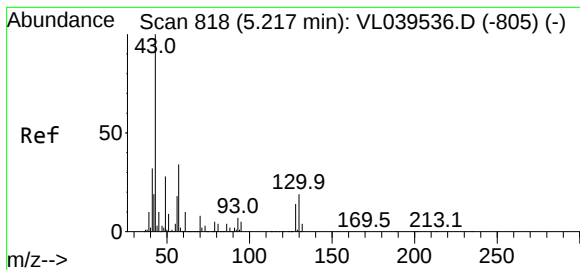
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#24
 1,1-Dichloroethane
 Concen: 9.101 ppbv
 RT: 4.600 min Scan# 621
 Delta R.T. 0.020 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

Tgt Ion: 63 Resp: 938296
 Ion Ratio Lower Upper
 63 100
 98 3.3 1.8 5.3
 100 1.8 1.5 4.4





#25
Ethyl Acetate
Concen: 10.145 ppbv
RT: 5.240 min Scan# 818
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

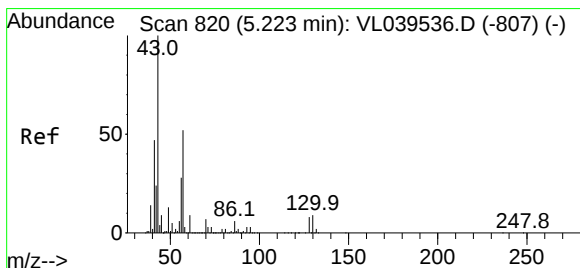
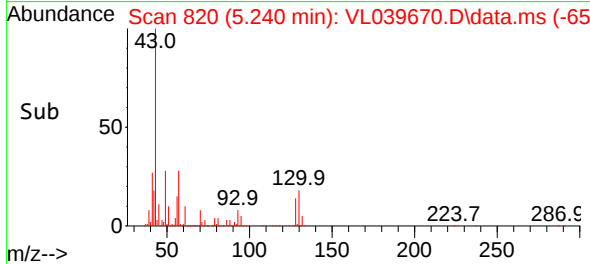
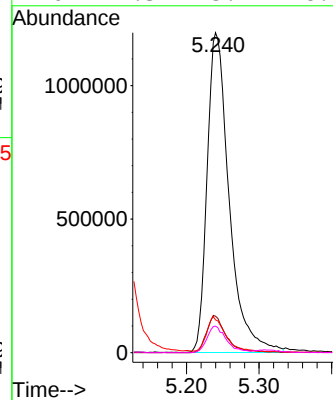
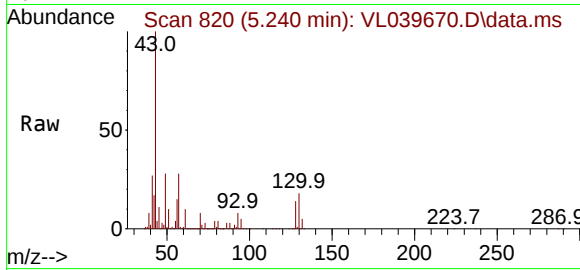
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01

Tgt Ion: 43 Resp: 2533390

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.2	12.4
61	10.7	8.3	12.5
70	7.3	5.9	8.9

Manual Integrations
APPROVED

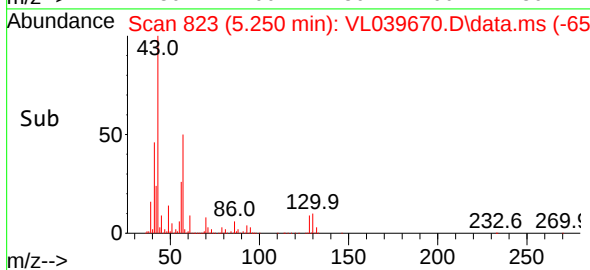
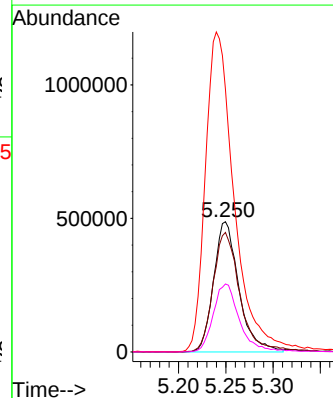
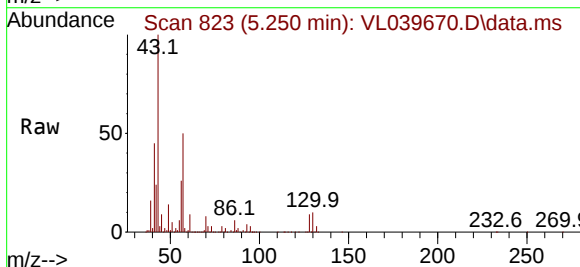
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

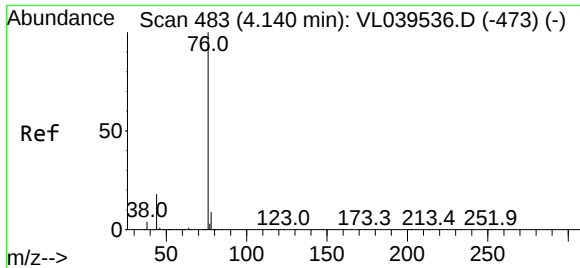


#26
Hexane
Concen: 8.557 ppbv
RT: 5.250 min Scan# 823
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Tgt Ion: 57 Resp: 906818

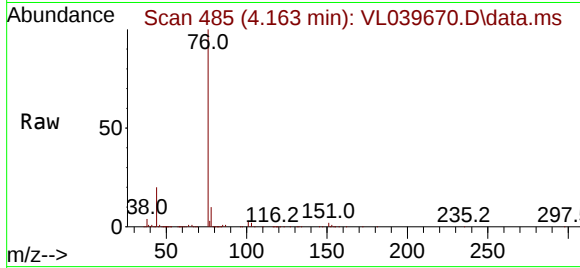
Ion	Ratio	Lower	Upper
57	100		
41	98.5	76.9	115.3
43	283.1	191.0	286.6
56	54.9	43.2	64.8





#27
Carbon Disulfide
Concen: 9.257 ppbv
RT: 4.163 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

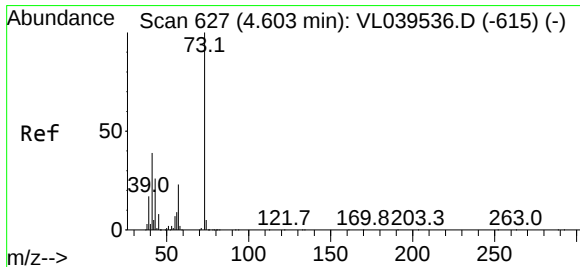
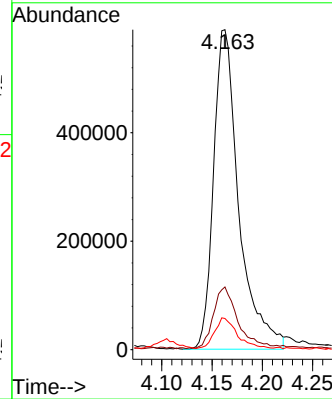
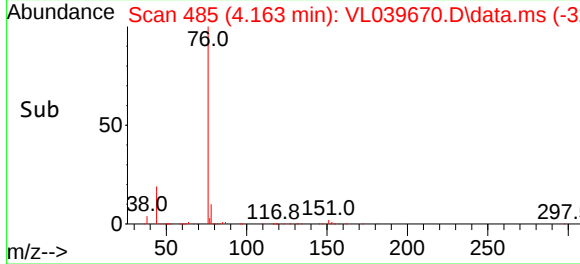
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion: 76 Resp: 1030928
Ion Ratio Lower Upper
76 100
44 20.0 14.6 21.8
78 10.3 7.8 11.6

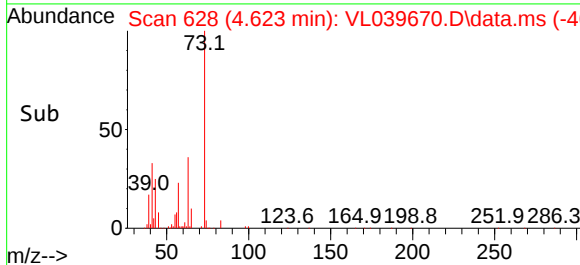
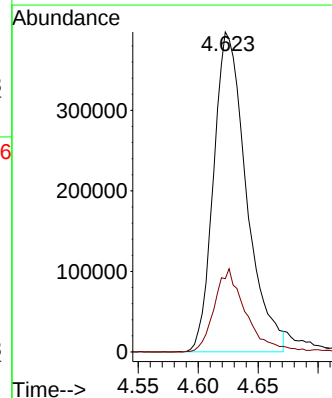
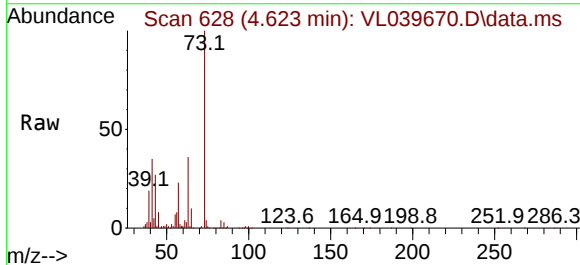
Manual Integrations
APPROVED

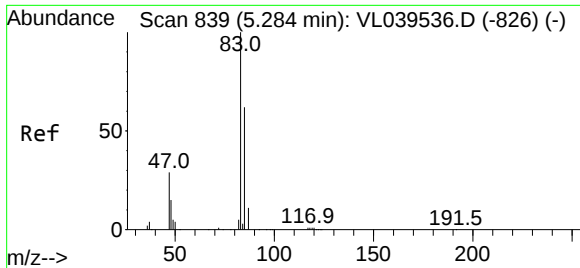
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#28
Methyl tert-Butyl Ether
Concen: 8.481 ppbv
RT: 4.623 min Scan# 628
Delta R.T. 0.020 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

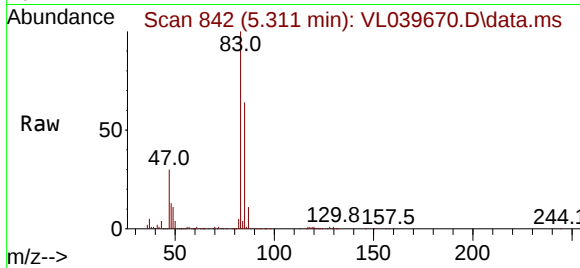
Tgt Ion: 73 Resp: 755048
Ion Ratio Lower Upper
73 100
57 25.6 19.8 29.8





#29
Chloroform
Concen: 9.381 ppbv
RT: 5.311 min Scan# 84
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

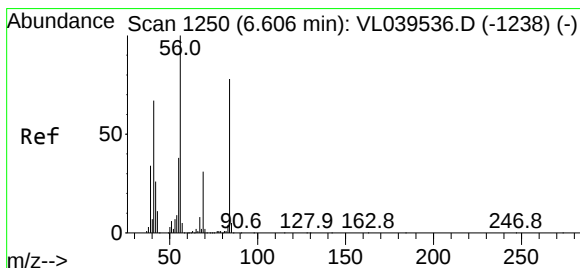
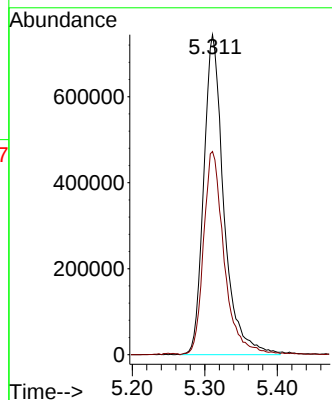
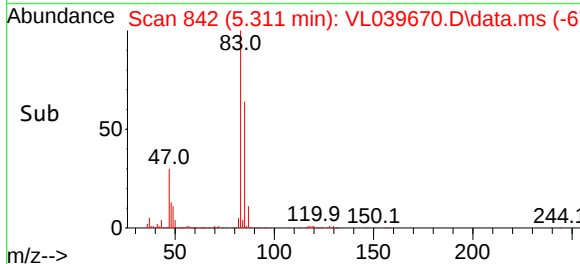
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



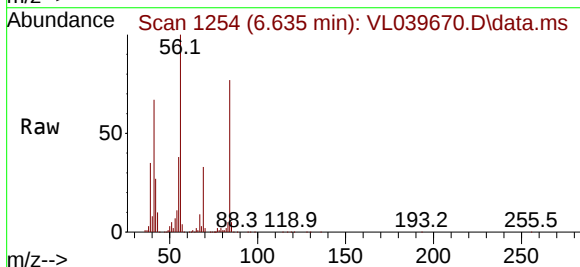
Tgt Ion: 83 Resp: 143506
Ion Ratio Lower Upper
83 100
85 63.4 52.8 79.2

Manual Integrations
APPROVED

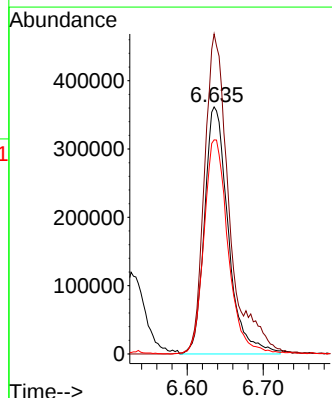
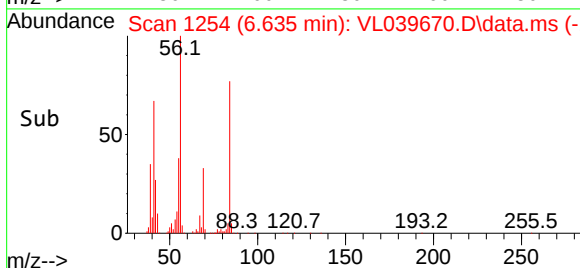
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

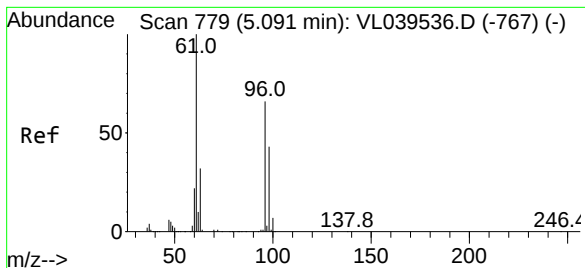


#30
Cyclohexane
Concen: 9.575 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41



Tgt Ion: 84 Resp: 785733
Ion Ratio Lower Upper
84 100
56 136.0 107.7 161.5
41 88.7 67.7 101.5





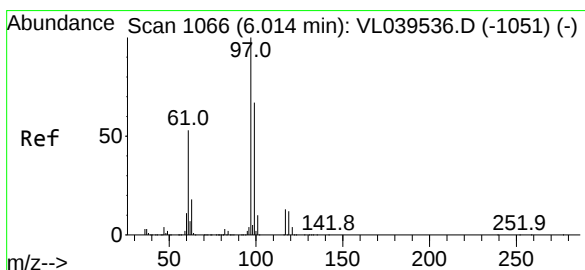
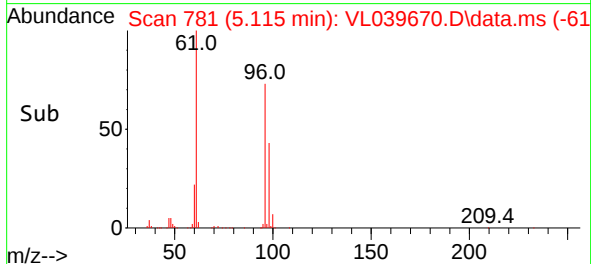
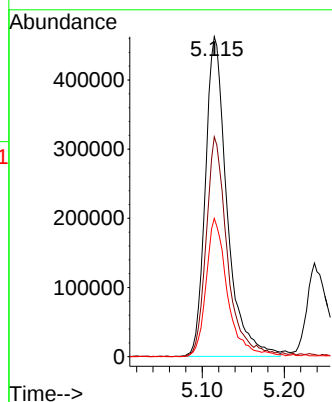
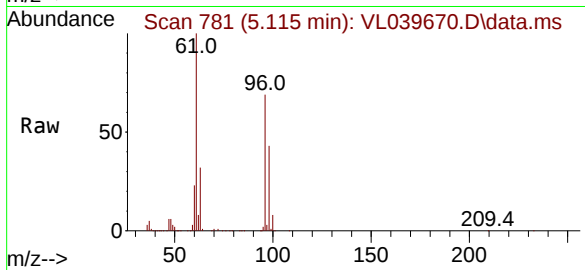
#31
 cis-1,2-Dichloroethene
 Concen: 8.889 ppbv
 RT: 5.115 min Scan# 779
 Delta R.T. 0.023 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABS01

Tgt Ion: 61 Resp: 851937
 Ion Ratio Lower Upper
 61 100
 96 68.7 54.1 81.1
 98 43.2 34.6 52.0

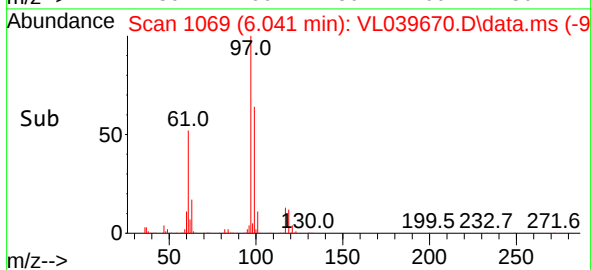
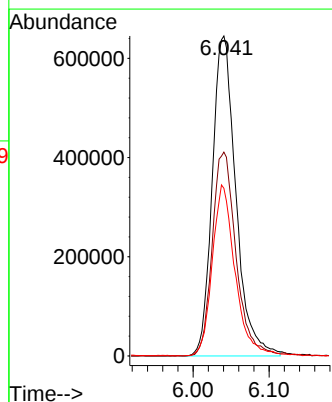
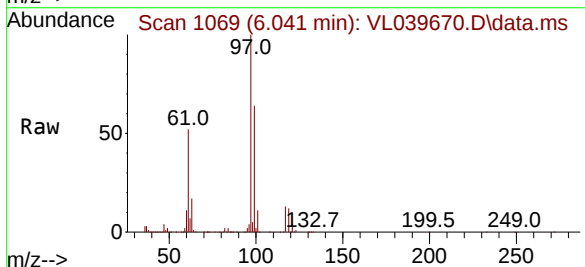
Manual Integrations
 APPROVED

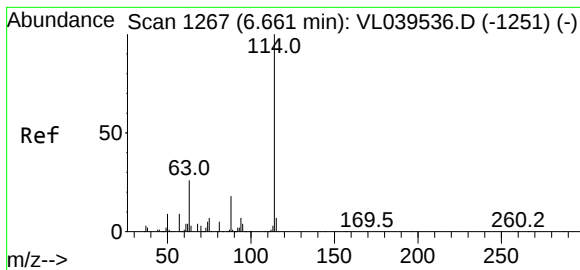
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.043 ppbv
 RT: 6.041 min Scan# 1069
 Delta R.T. 0.026 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

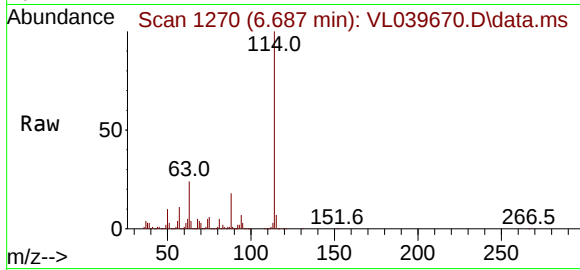
Tgt Ion: 97 Resp: 1390880
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.3 78.5
 61 52.0 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 114
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

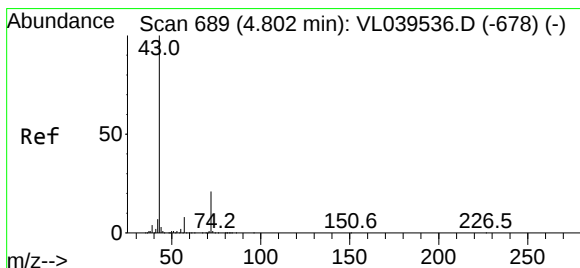
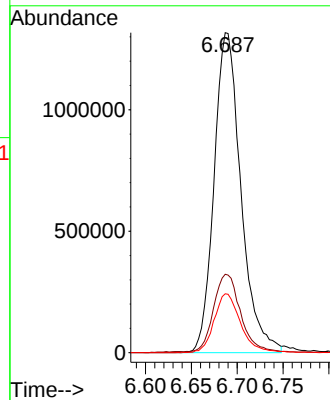
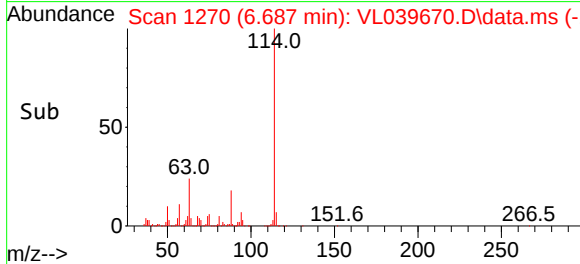
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion:114 Resp: 2682674
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.3 14.5 21.7

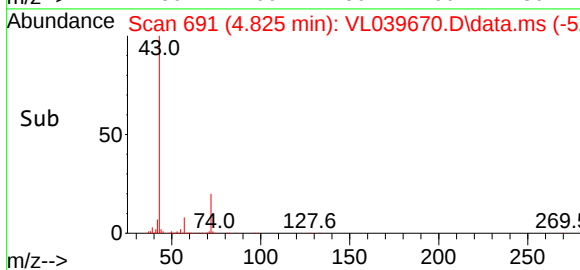
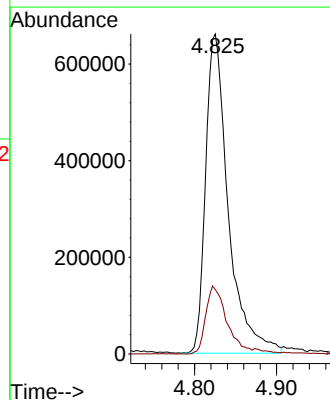
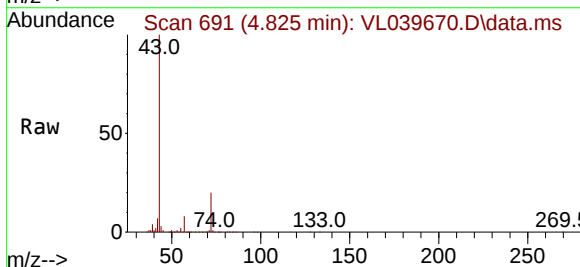
Manual Integrations
APPROVED

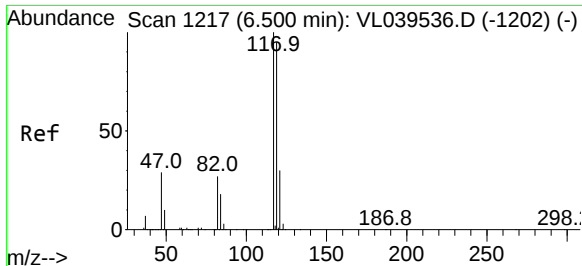
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#34
2-Butanone
Concen: 9.619 ppbv
RT: 4.825 min Scan# 691
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

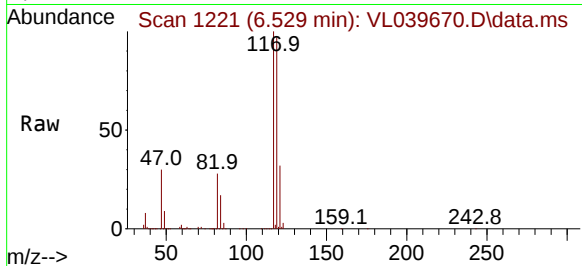
Tgt Ion: 43 Resp: 1267435
Ion Ratio Lower Upper
43 100
72 21.4 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.184 ppbv
RT: 6.529 min Scan# 1182
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

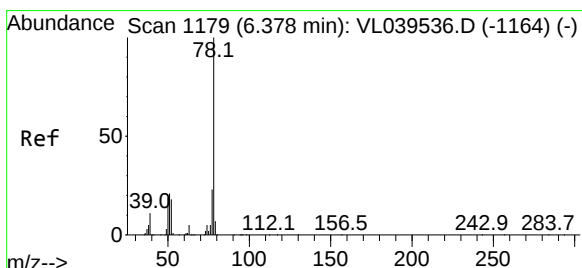
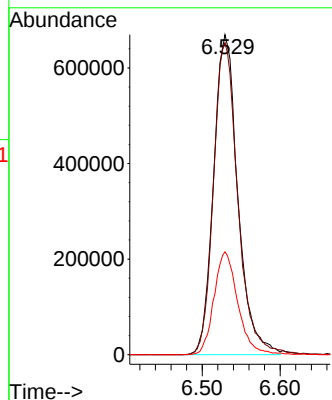
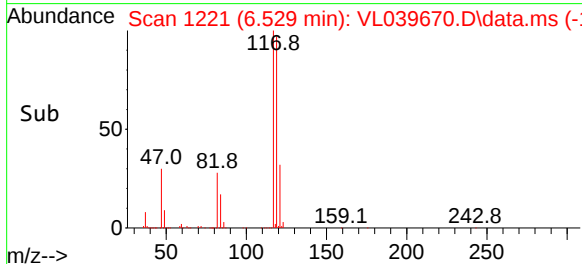
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



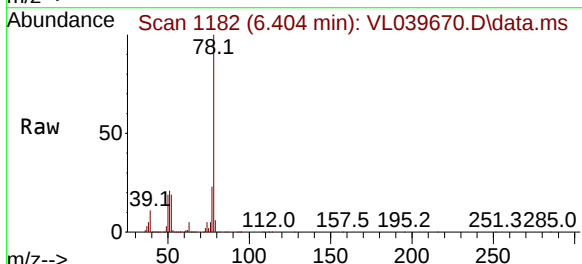
Tgt Ion:117 Resp: 145035
Ion Ratio Lower Upper
117 100
119 97.5 75.4 113.2
121 32.1 24.2 36.2

Manual Integrations
APPROVED

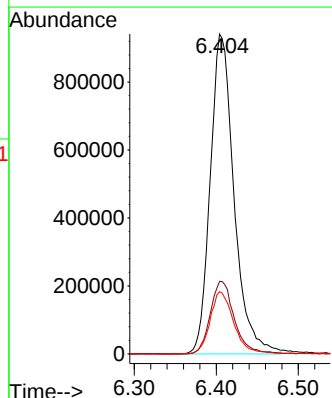
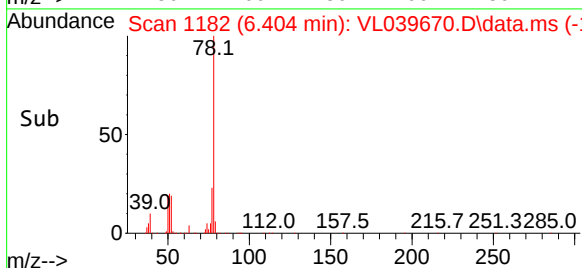
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

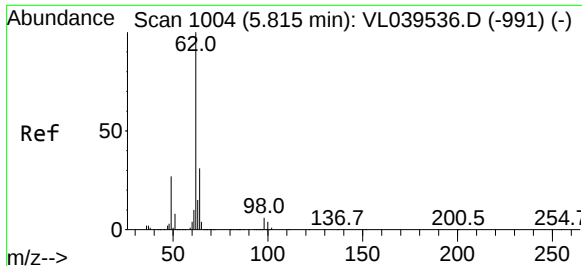


#36
Benzene
Concen: 9.250 ppbv
RT: 6.404 min Scan# 1182
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41



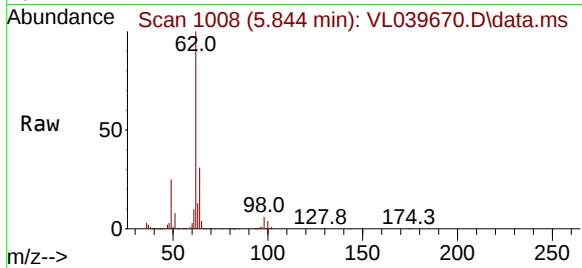
Tgt Ion: 78 Resp: 1897208
Ion Ratio Lower Upper
78 100
77 22.7 20.3 30.5
50 19.4 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.380 ppbv
RT: 5.844 min Scan# 1008
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

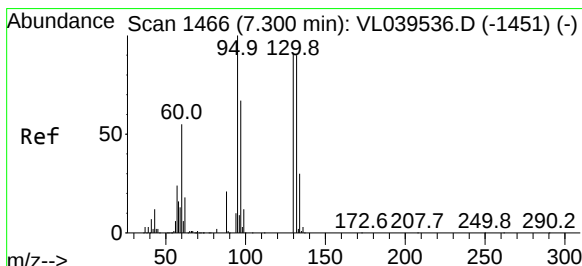
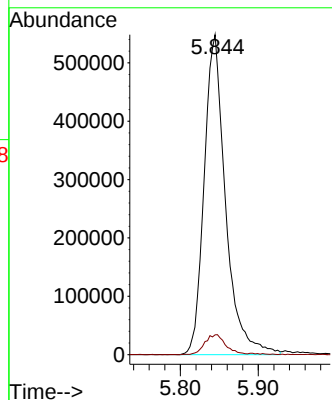
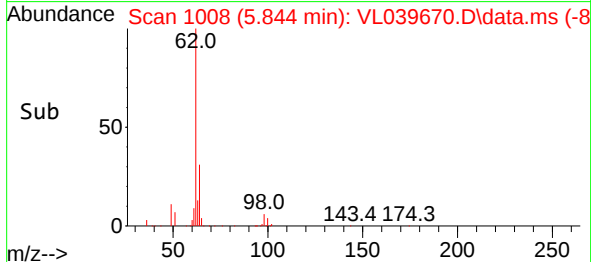
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion: 62 Resp: 1047052
Ion Ratio Lower Upper
62 100
98 6.5 5.1 7.7

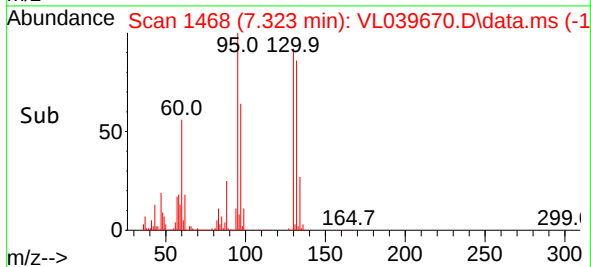
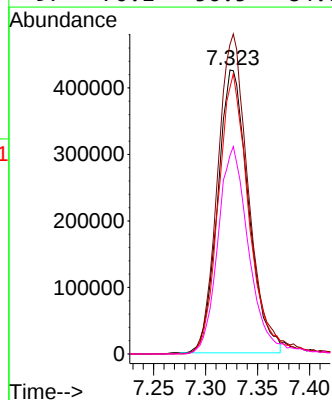
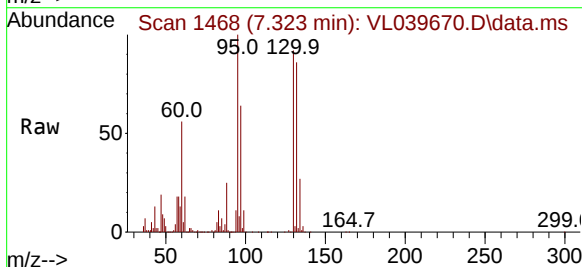
Manual Integrations
APPROVED

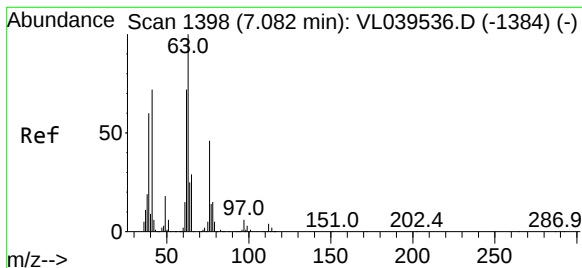
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#38
Trichloroethene
Concen: 7.870 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

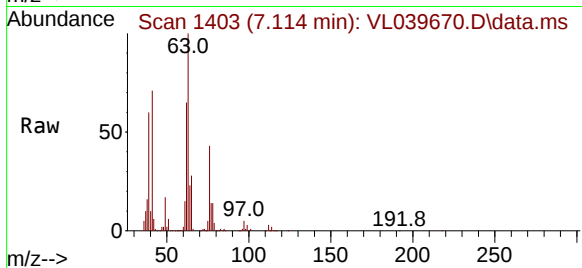
Tgt Ion:130 Resp: 872369
Ion Ratio Lower Upper
130 100
95 109.3 87.3 130.9
132 94.1 76.7 115.1
97 70.1 56.5 84.7





#39
1,2-Dichloropropane
Concen: 3.741 ppbv
RT: 7.114 min Scan# 1403
Delta R.T. 0.033 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

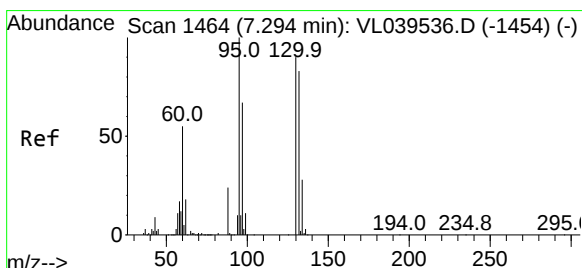
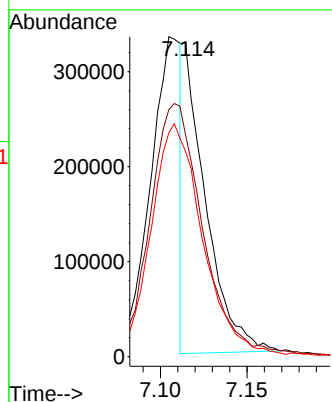
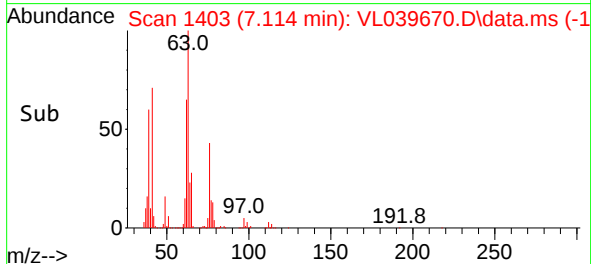
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



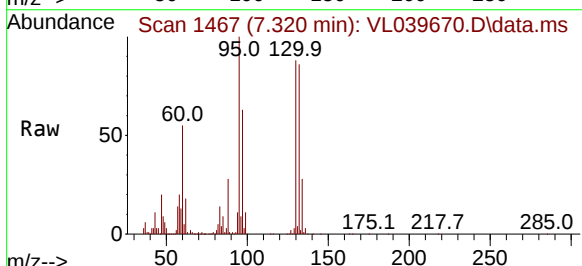
Tgt Ion: 63 Resp: 296319
Ion Ratio Lower Upper
63 100
41 70.3 59.6 89.4
62 63.6 51.4 77.0

Manual Integrations
APPROVED

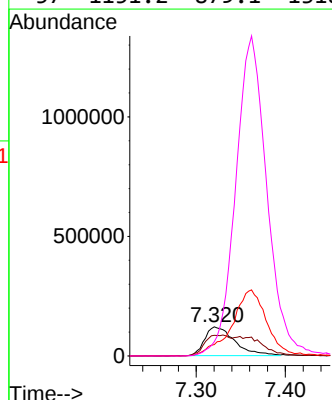
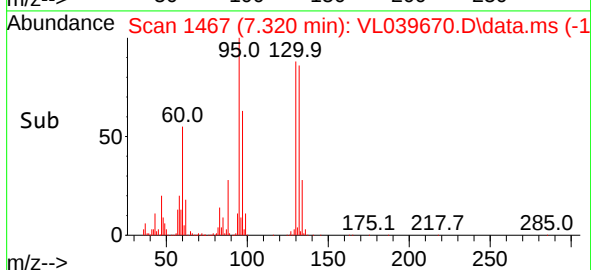
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

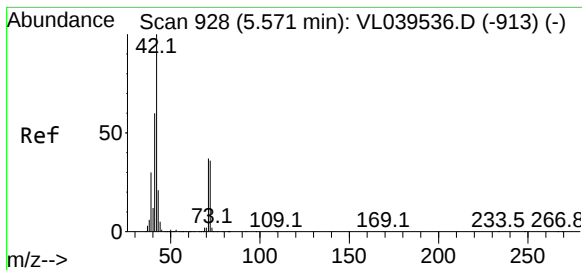


#40
1,4-Dioxane
Concen: 8.814 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41



Tgt Ion: 88 Resp: 285049
Ion Ratio Lower Upper
88 100
58 127.5 100.2 150.4
43 267.3 205.8 308.6
57 1151.2 879.1 1318.7





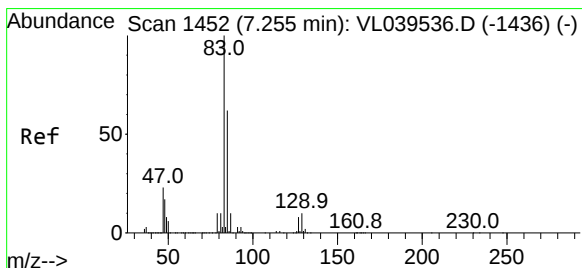
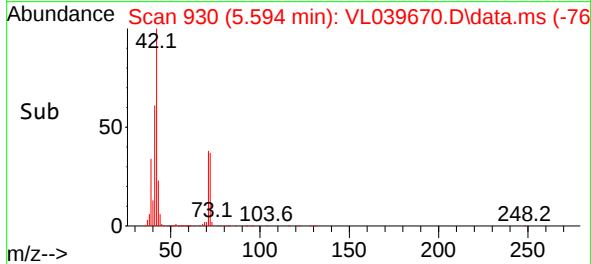
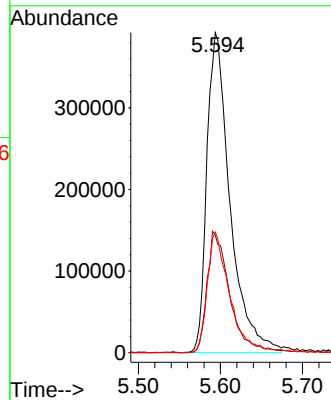
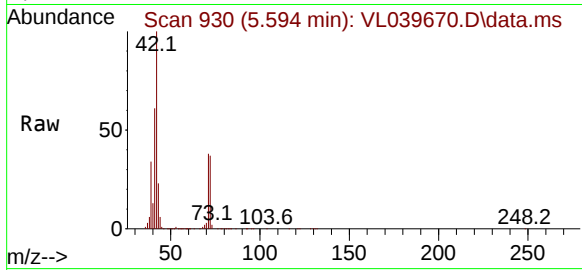
#41
Tetrahydrofuran
Concen: 9.517 ppbv
RT: 5.594 min Scan# 91
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01

Tgt Ion: 42 Resp: 769349
Ion Ratio Lower Upper
42 100
72 37.5 31.8 47.8
71 37.0 31.8 47.8

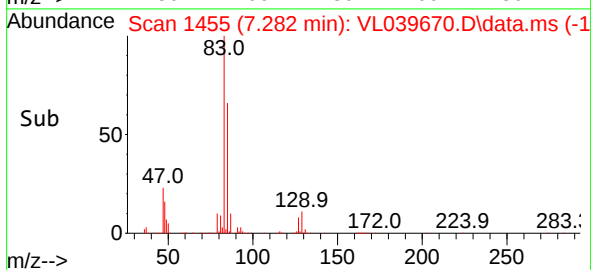
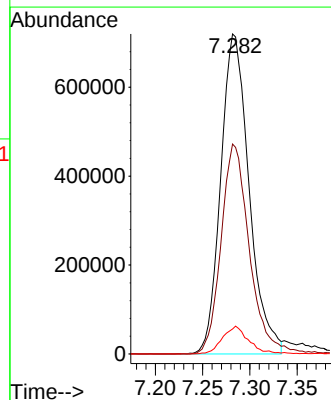
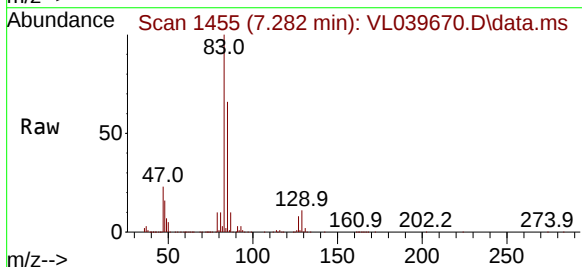
Manual Integrations
APPROVED

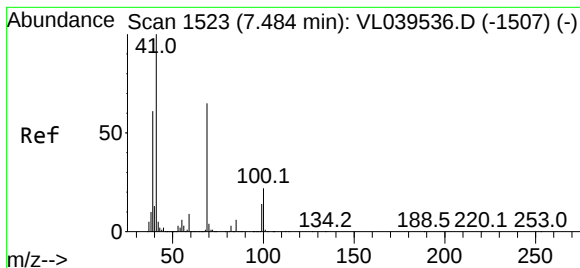
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#42
Bromodichloromethane
Concen: 9.669 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

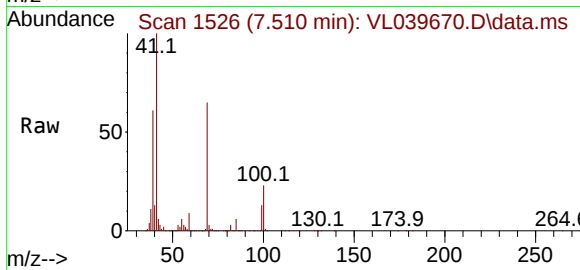
Tgt Ion: 83 Resp: 1501228
Ion Ratio Lower Upper
83 100
85 65.6 50.7 76.1
127 7.8 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.434 ppbv
RT: 7.510 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

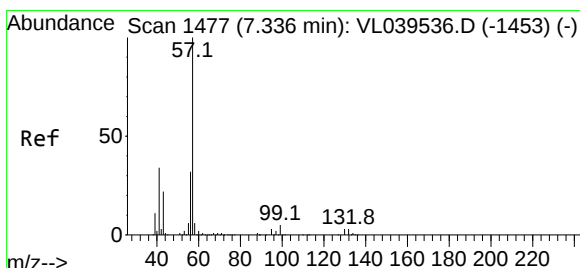
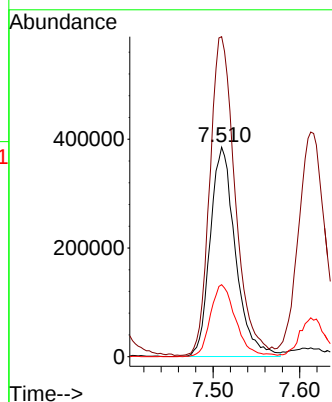
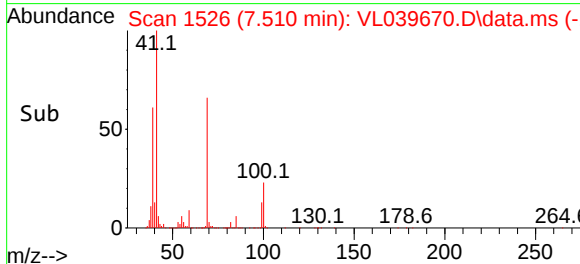
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion: 69 Resp: 780062
Ion Ratio Lower Upper
69 100
41 154.5 120.8 181.2
100 34.6 27.8 41.6

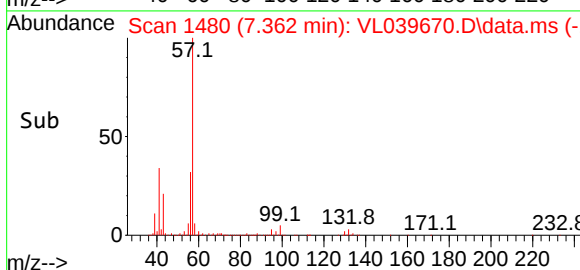
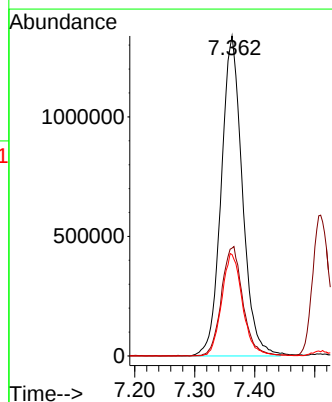
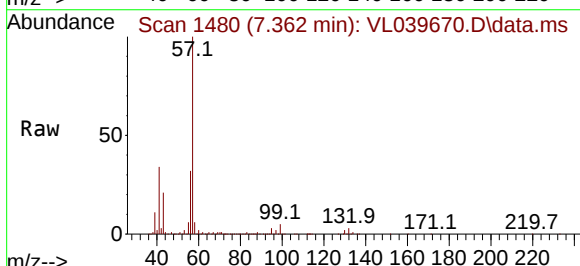
Manual Integrations
APPROVED

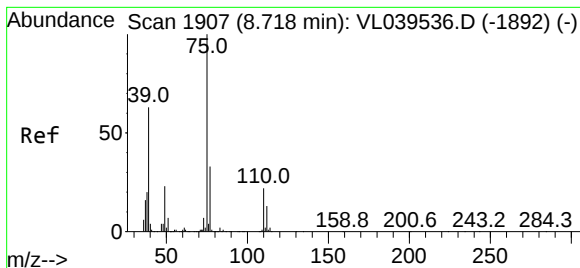
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.251 ppbv
RT: 7.362 min Scan# 1480
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

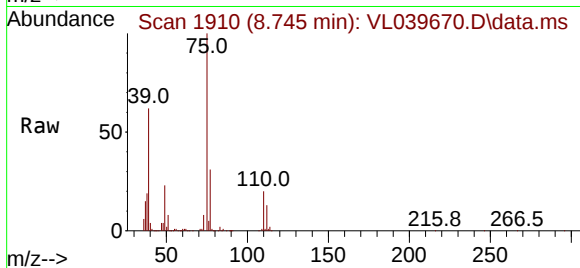
Tgt Ion: 57 Resp: 3270311
Ion Ratio Lower Upper
57 100
41 34.8 27.4 41.2
56 31.5 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 8.457 ppbv
RT: 8.745 min Scan# 1907
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

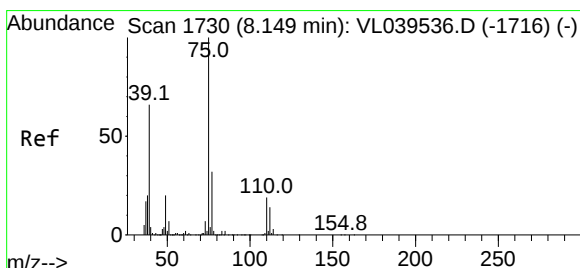
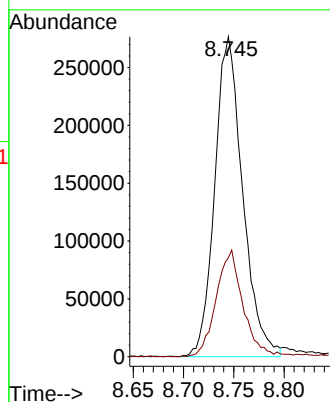
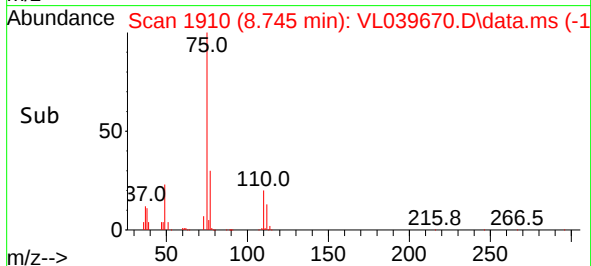
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



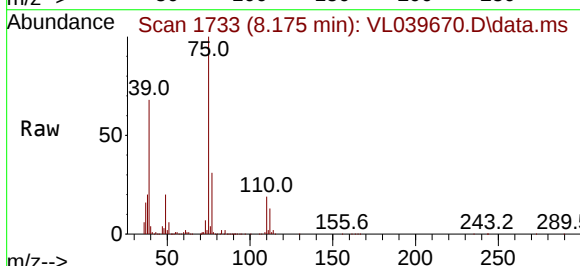
Tgt Ion: 75 Resp: 534270
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8

Manual Integrations
APPROVED

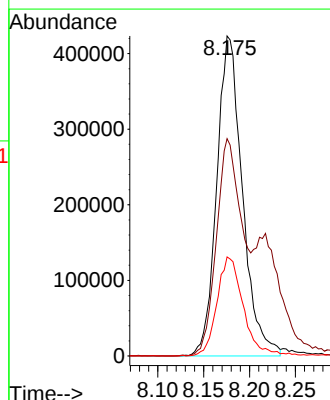
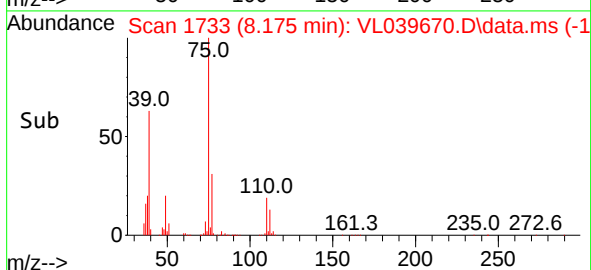
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

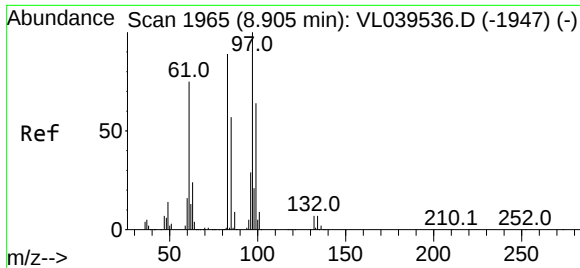


#46
cis-1,3-Dichloropropene
Concen: 9.147 ppbv
RT: 8.175 min Scan# 1733
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41



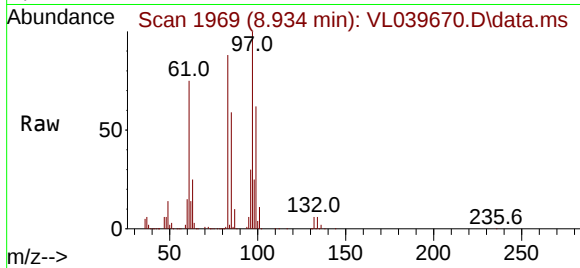
Tgt Ion: 75 Resp: 822700
Ion Ratio Lower Upper
75 100
39 67.8 55.0 82.4
77 30.9 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.320 ppbv
RT: 8.934 min Scan# 1965
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

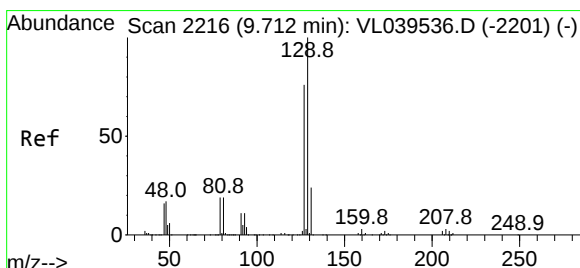
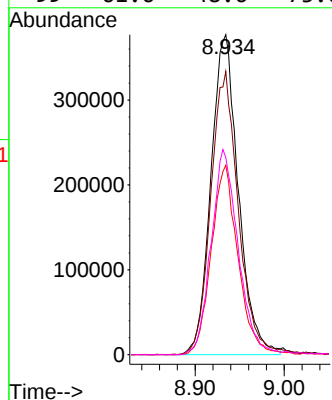
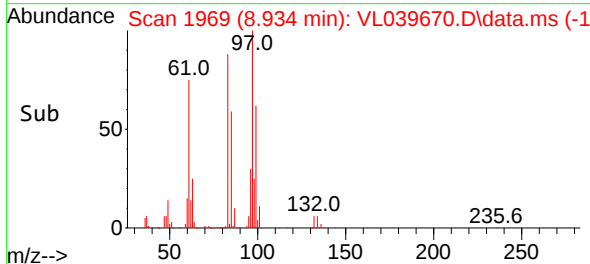
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion: 97 Resp: 806835
Ion Ratio Lower Upper
97 100
83 88.3 67.4 101.0
85 59.1 45.1 67.7
99 61.6 48.6 73.0

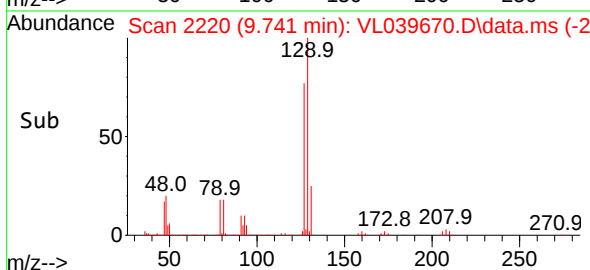
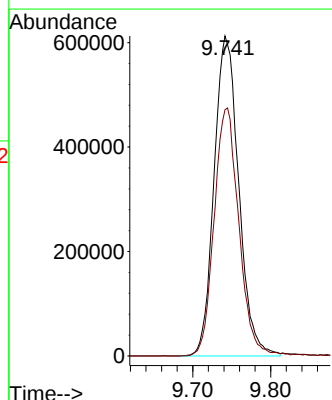
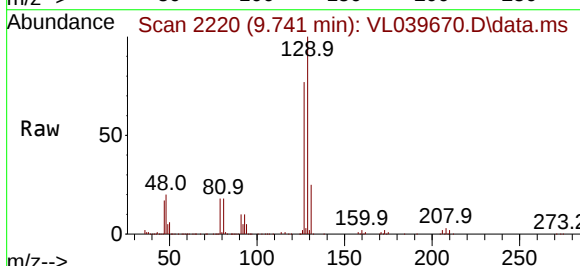
Manual Integrations
APPROVED

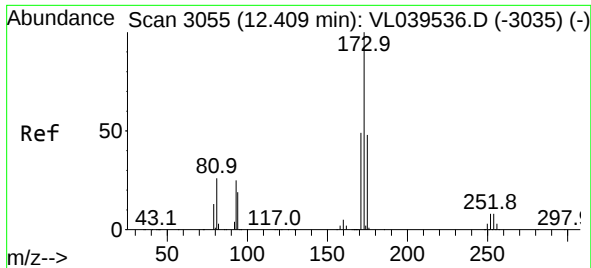
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#48
Dibromochloromethane
Concen: 10.322 ppbv
RT: 9.741 min Scan# 2220
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

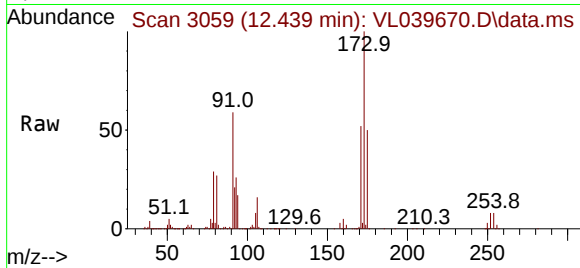
Tgt Ion:129 Resp: 1345590
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.9





#49
Bromoform
Concen: 10.748 ppbv
RT: 12.439 min Scan# 3055
Delta R.T. 0.029 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

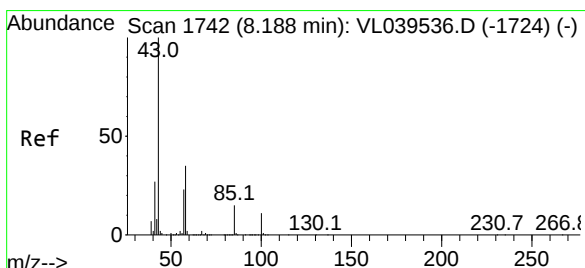
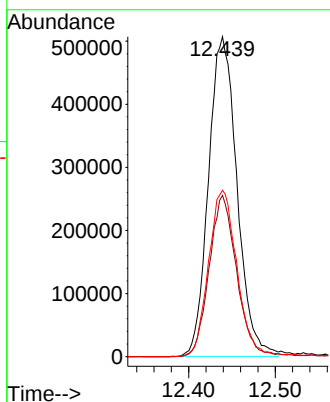
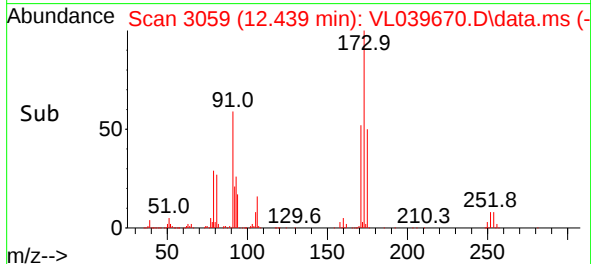
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion:173 Resp: 1158840
Ion Ratio Lower Upper
173 100
175 49.1 40.3 60.5
171 52.5 42.9 64.3

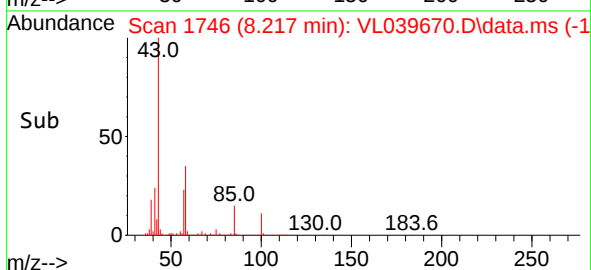
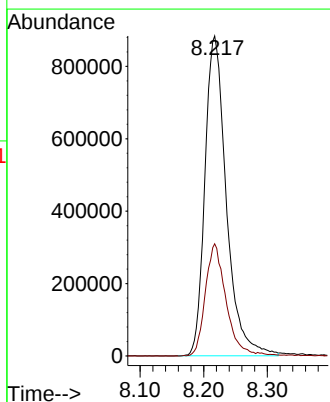
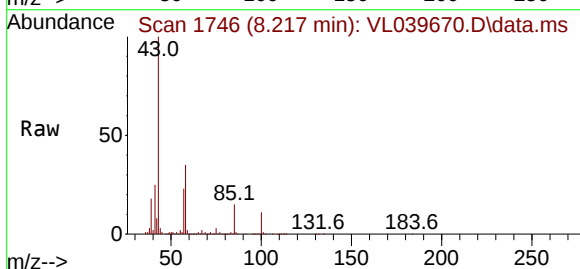
Manual Integrations
APPROVED

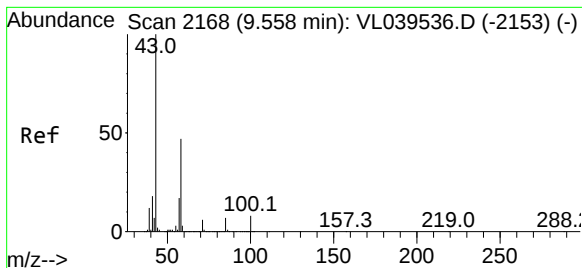
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#50
4-Methyl-2-Pentanone
Concen: 9.993 ppbv
RT: 8.217 min Scan# 1746
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

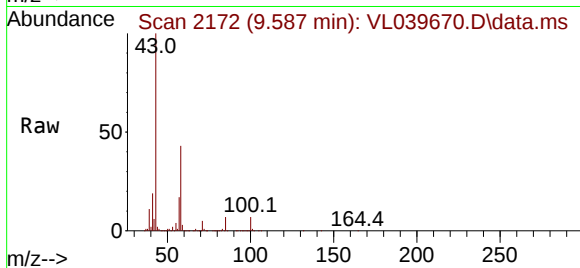
Tgt Ion: 43 Resp: 2069140
Ion Ratio Lower Upper
43 100
58 34.3 28.8 43.2





#51
2-Hexanone
Concen: 10.158 ppbv
RT: 9.587 min Scan# 2168
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

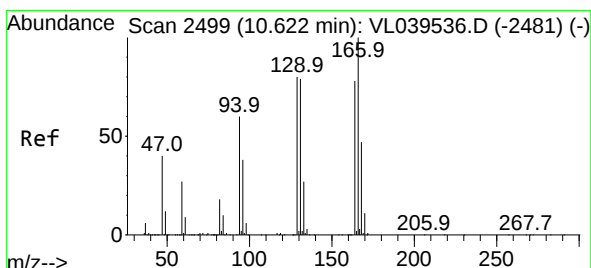
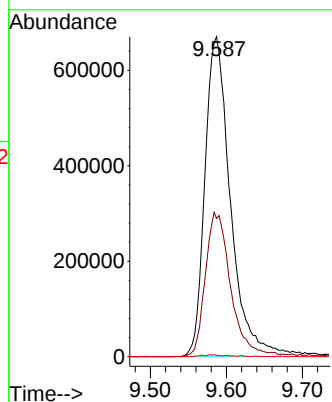
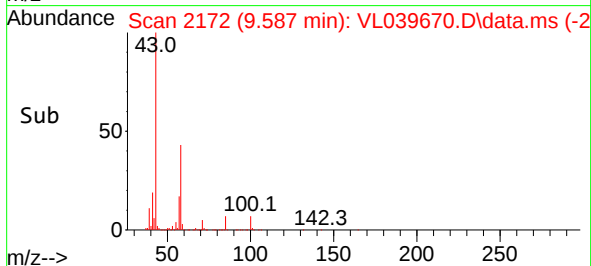
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



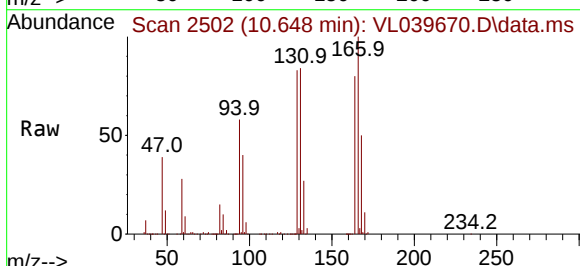
Tgt Ion: 43 Resp: 1557019
Ion Ratio Lower Upper
43 100
58 46.0 38.4 57.6
98 0.7 0.3 0.5

Manual Integrations
APPROVED

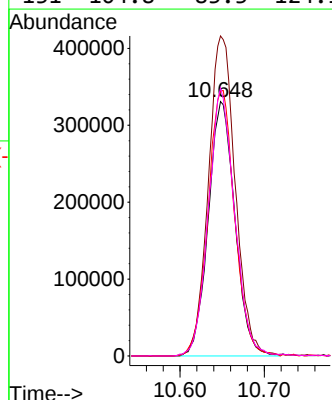
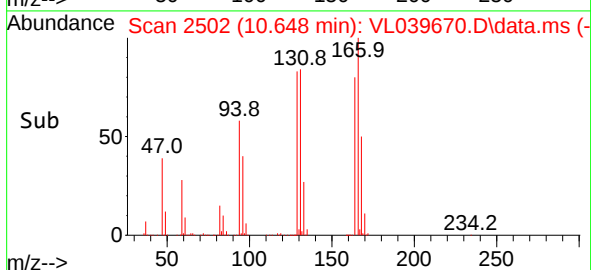
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

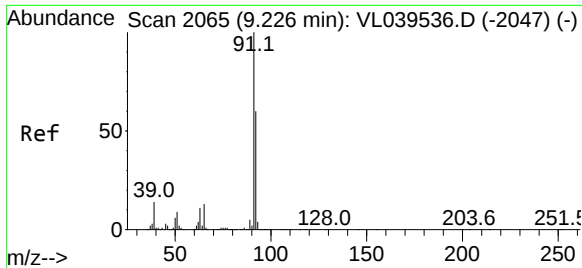


#52
Tetrachloroethene
Concen: 9.254 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41



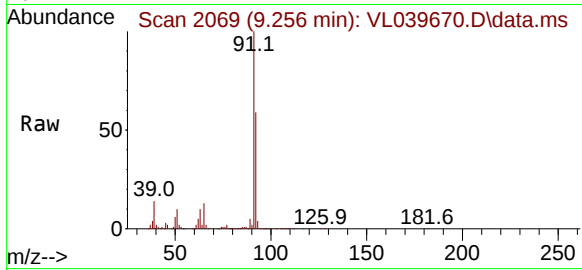
Tgt Ion:164 Resp: 724117
Ion Ratio Lower Upper
164 100
166 125.3 102.2 153.2
129 104.0 85.8 128.8
131 104.8 83.3 124.9





#53
Toluene
Concen: 9.811 ppbv
RT: 9.256 min Scan# 2069
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

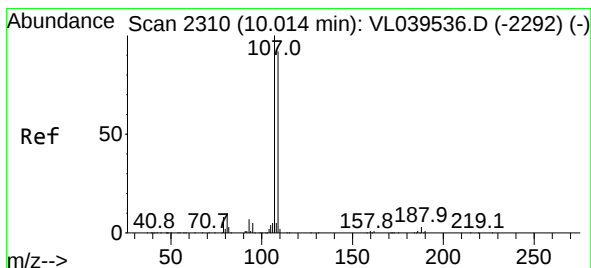
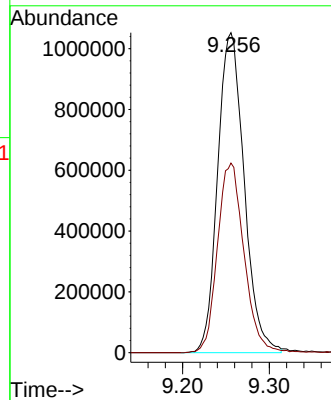
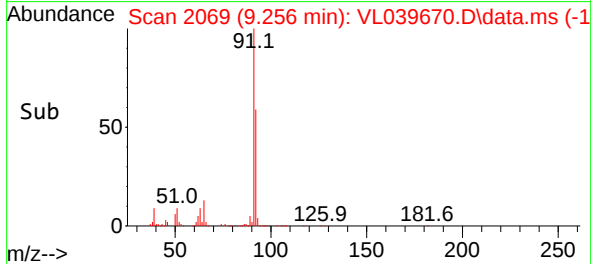
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



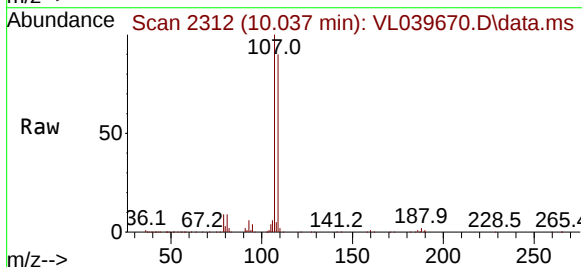
Tgt Ion: 91 Resp: 223796
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.2

Manual Integrations
APPROVED

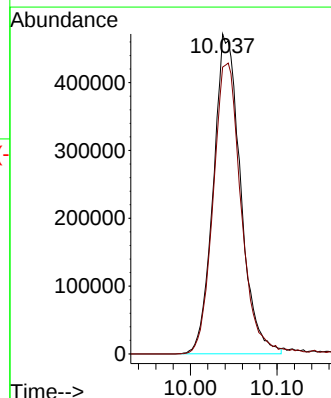
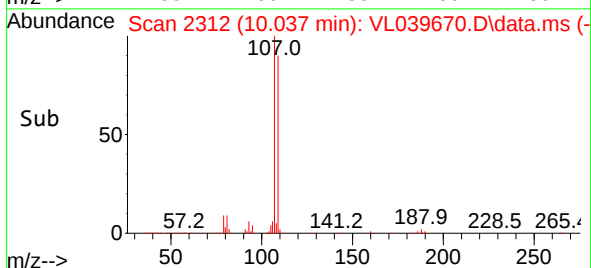
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

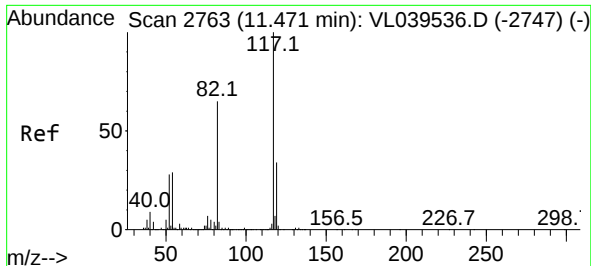


#54
1,2-Dibromoethane
Concen: 11.089 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. 0.023 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41



Tgt Ion:107 Resp: 1026906
Ion Ratio Lower Upper
107 100
109 89.6 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.500 min Scan# 2763

Delta R.T. 0.030 min

Lab File: VL039670.D

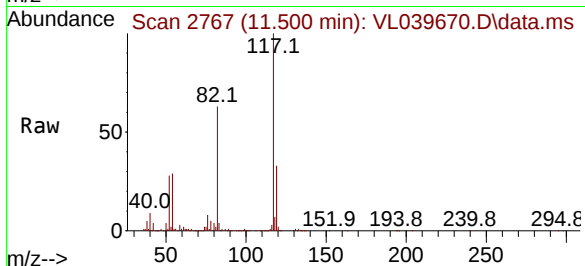
Acq: 22 Sep 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

VL0922ABS01



Tgt Ion:117 Resp: 264556

Ion Ratio Lower Upper

117 100

82 62.5 50.8 76.2

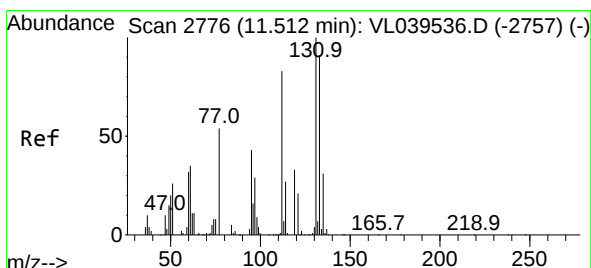
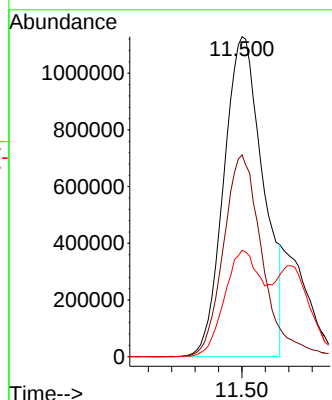
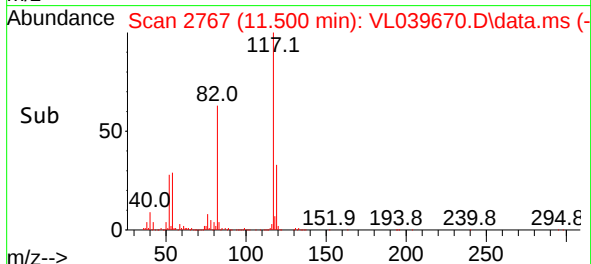
119 33.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.915 ppbv

RT: 11.539 min Scan# 2779

Delta R.T. 0.026 min

Lab File: VL039670.D

Acq: 22 Sep 2022 17:41

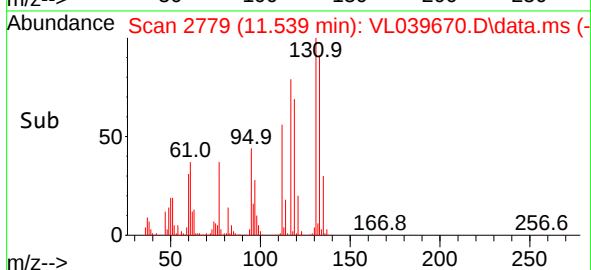
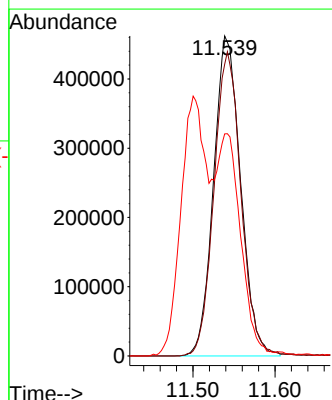
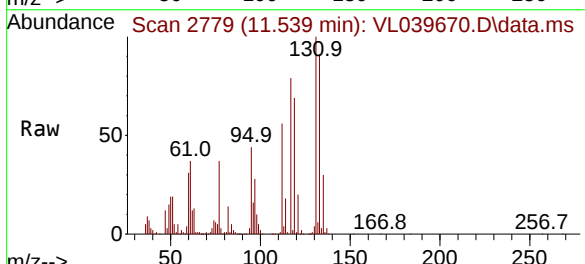
Tgt Ion:131 Resp: 1060071

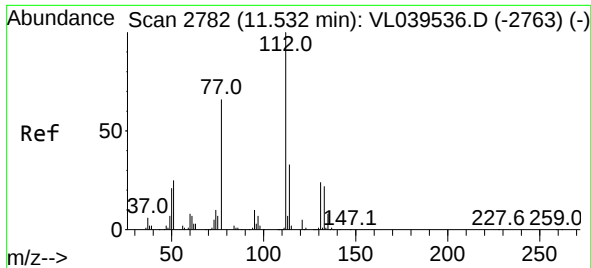
Ion Ratio Lower Upper

131 100

133 95.2 76.8 115.2

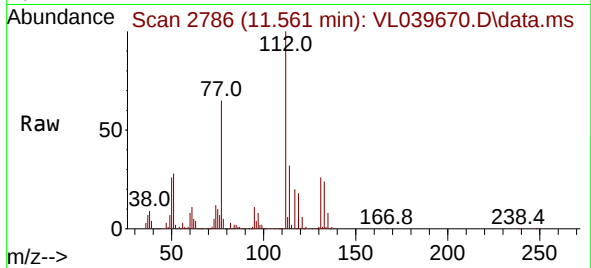
119 64.7 46.2 69.4





#57
Chlorobenzene
Concen: 8.863 ppbv
RT: 11.561 min Scan# 21
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

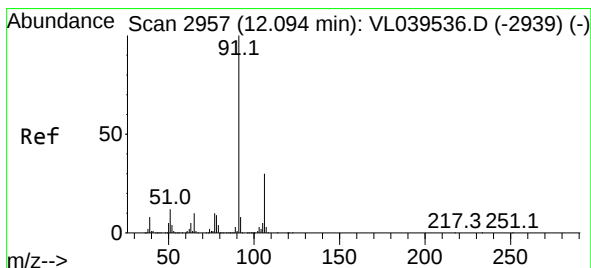
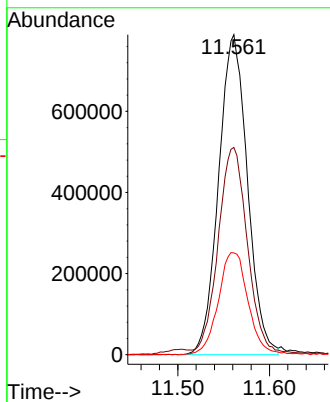
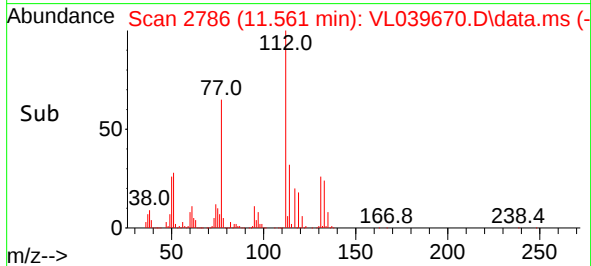
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion: 112 Resp: 1724150
Ion Ratio Lower Upper
112 100
77 63.3 51.0 76.4
114 31.8 27.5 33.6

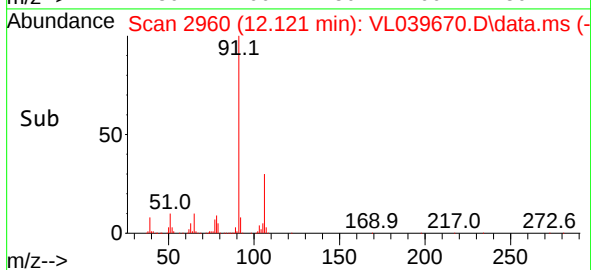
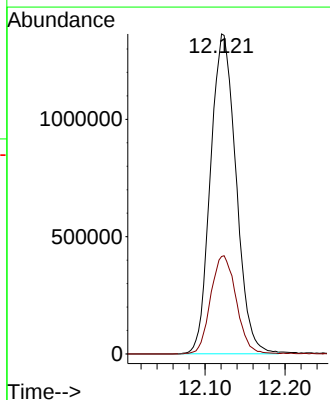
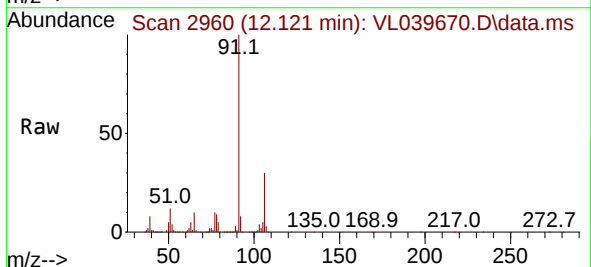
Manual Integrations
APPROVED

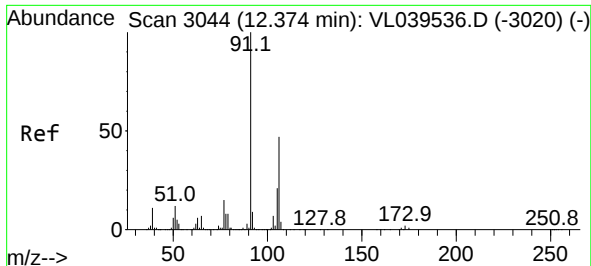
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#58
Ethyl Benzene
Concen: 9.922 ppbv
RT: 12.121 min Scan# 2960
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

Tgt Ion: 91 Resp: 3026664
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0





#59

m/p-Xylene

Concen: 19.141 ppbv m

RT: 12.407 min Scan# 3049

Delta R.T. 0.033 min

Lab File: VL039670.D

Acq: 22 Sep 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

VL0922ABS01

Tgt Ion: 91 Resp: 519600

Ion Ratio Lower Upper

91 100

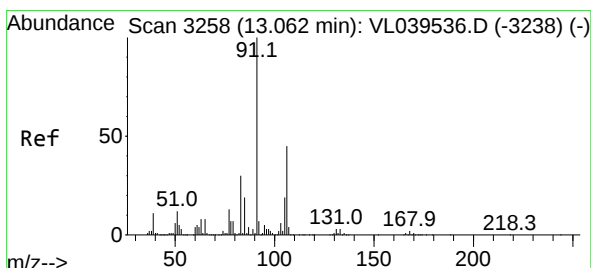
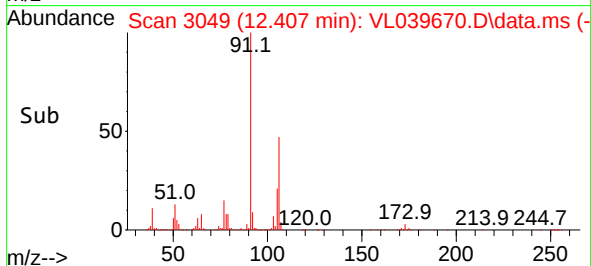
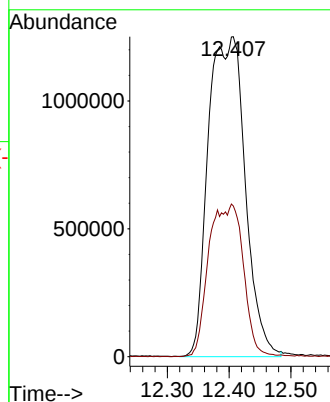
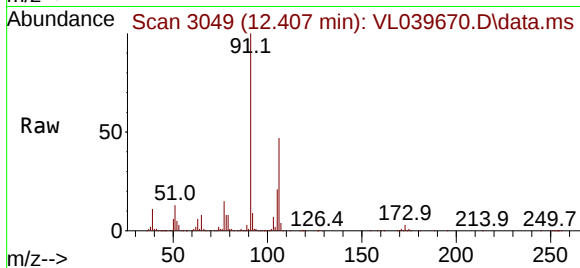
106 44.7 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#60

o-Xylene

Concen: 9.753 ppbv

RT: 13.092 min Scan# 3262

Delta R.T. 0.030 min

Lab File: VL039670.D

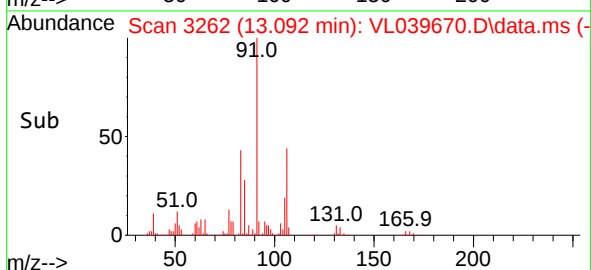
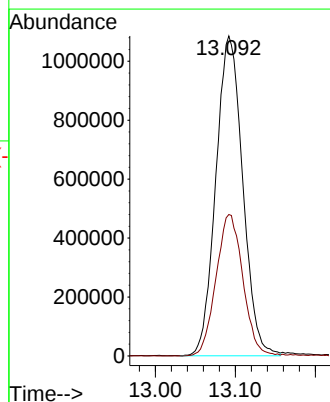
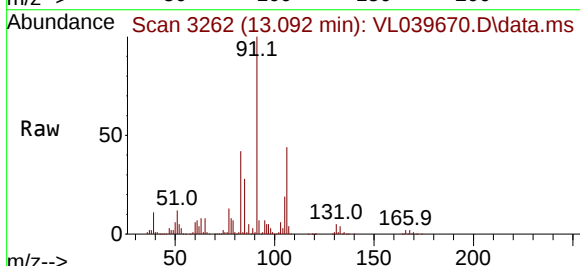
Acq: 22 Sep 2022 17:41

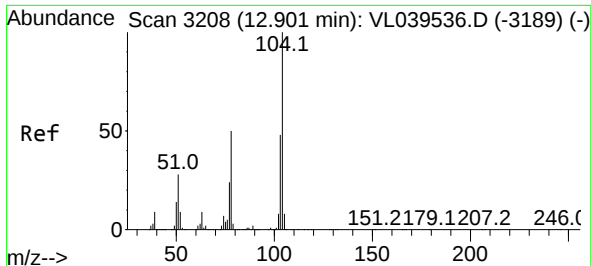
Tgt Ion: 91 Resp: 2528412

Ion Ratio Lower Upper

91 100

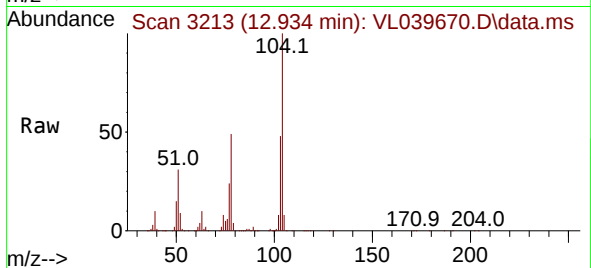
106 44.5 22.4 67.3





#61
Styrene
Concen: 10.157 ppbv
RT: 12.934 min Scan# 3189
Delta R.T. 0.033 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

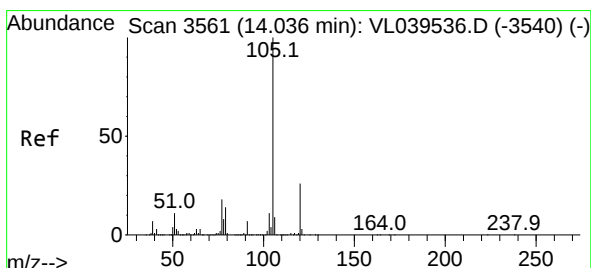
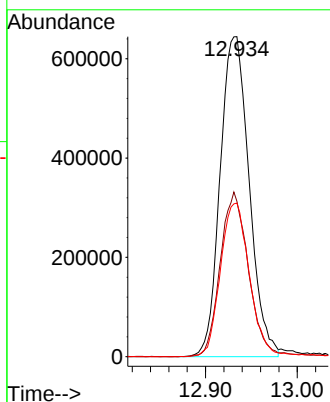
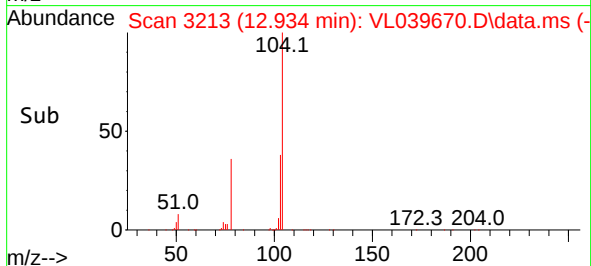
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion:104 Resp: 1418014
Ion Ratio Lower Upper
104 100
78 50.6 41.2 61.8
103 48.4 38.7 58.1

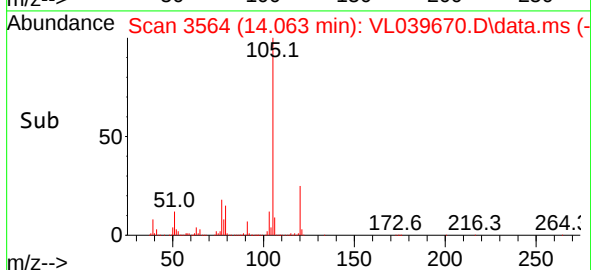
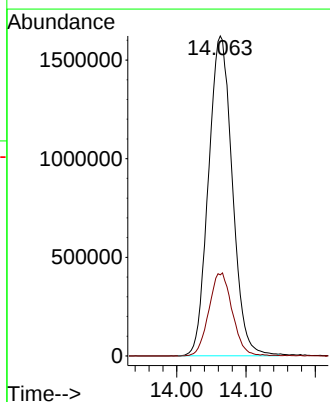
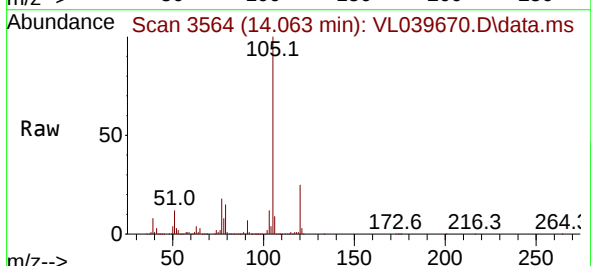
Manual Integrations
APPROVED

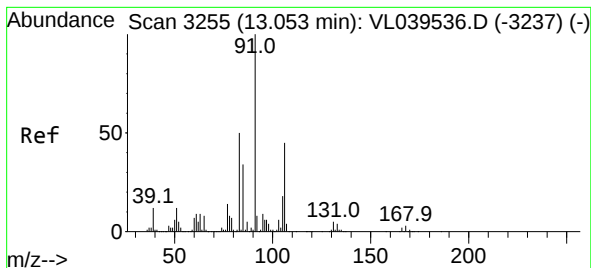
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#62
Isopropylbenzene
Concen: 9.946 ppbv
RT: 14.063 min Scan# 3564
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

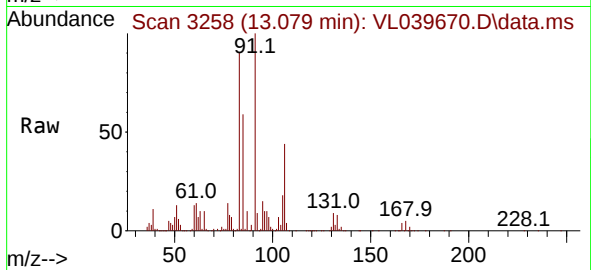
Tgt Ion:105 Resp: 3879690
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 14.875 ppbv
RT: 13.079 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

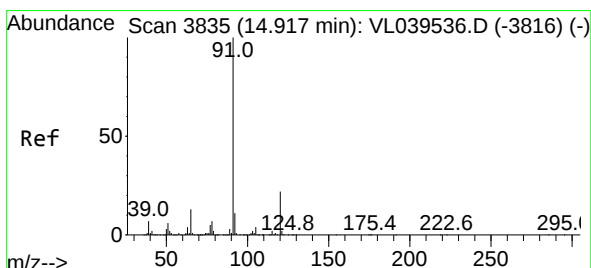
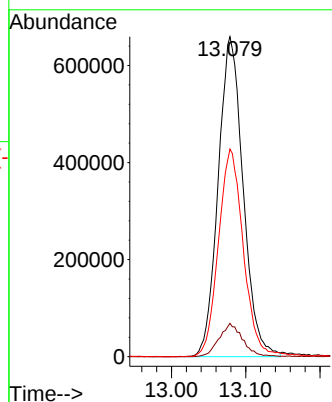
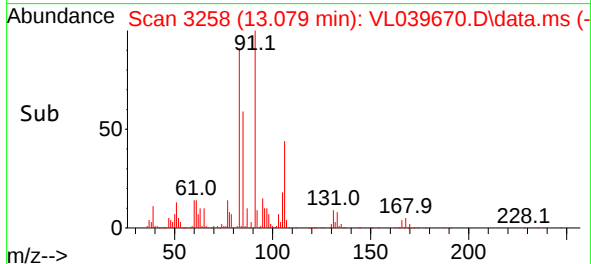
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



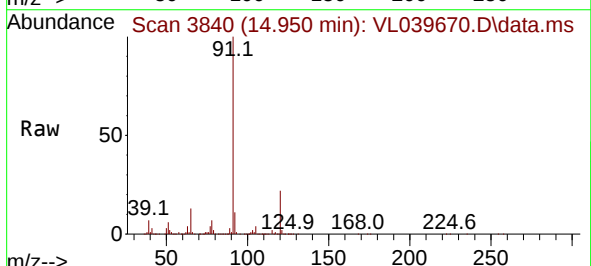
Tgt Ion: 83 Resp: 1538090
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 65.6 33.1 99.5

Manual Integrations
APPROVED

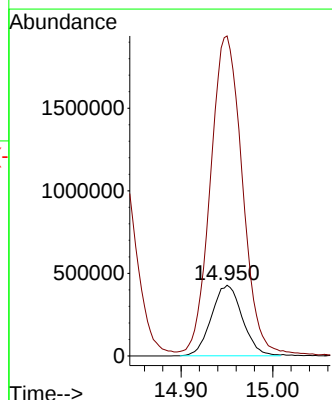
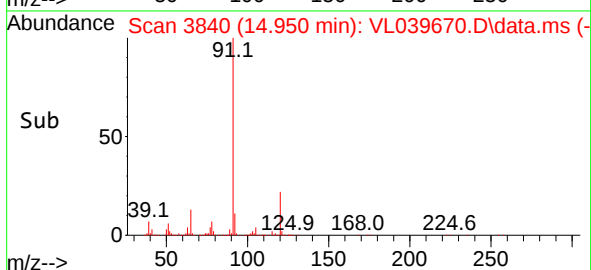
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

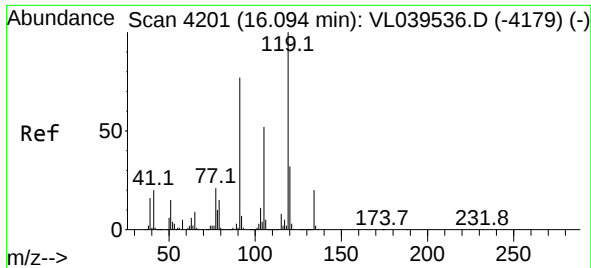


#64
n-propylbenzene
Concen: 10.026 ppbv
RT: 14.950 min Scan# 3840
Delta R.T. 0.033 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41



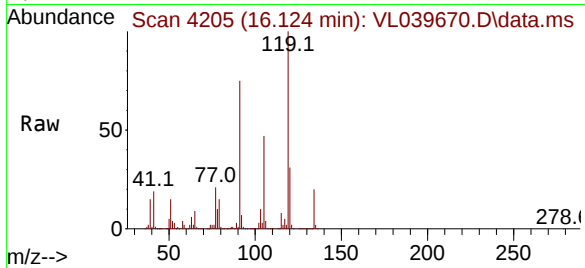
Tgt Ion:120 Resp: 1001516
Ion Ratio Lower Upper
120 100
91 471.6 367.2 550.8





#65
 tert-Butylbenzene
 Concen: 10.146 ppbv
 RT: 16.124 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

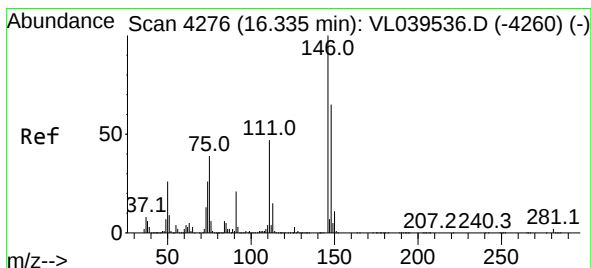
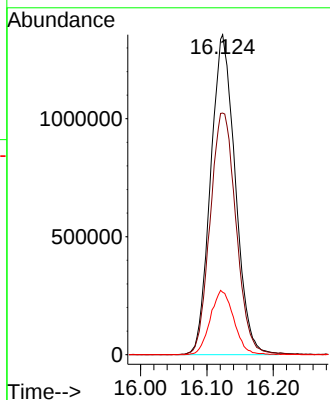
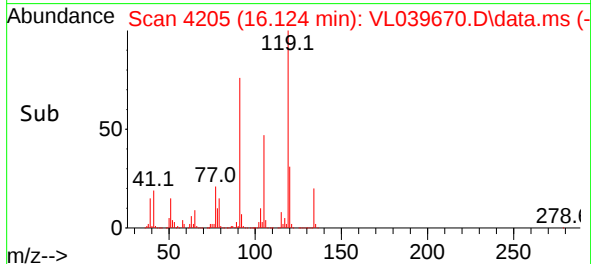
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABS01



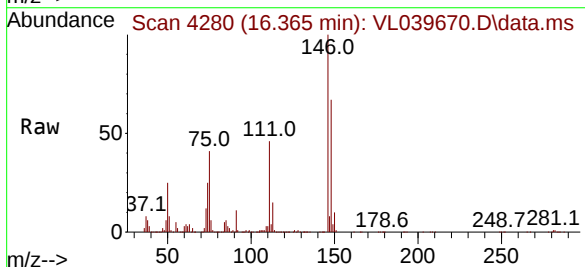
Tgt Ion: 119 Resp: 3496684
 Ion Ratio Lower Upper
 119 100
 91 79.6 63.4 95.2
 134 19.3 15.9 23.9

Manual Integrations
 APPROVED

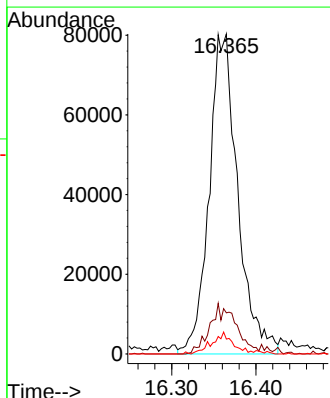
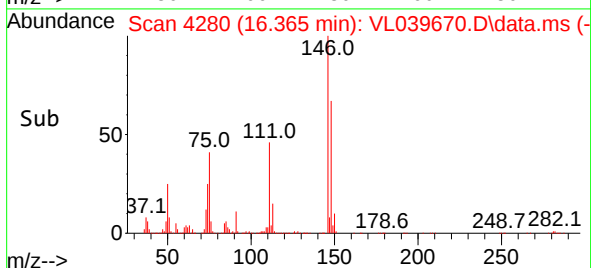
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

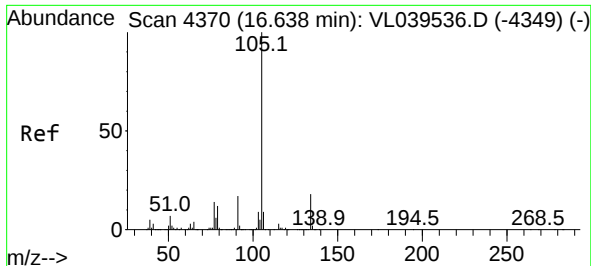


#66
 Benzyl Chloride
 Concen: 6.914 ppbv m
 RT: 16.365 min Scan# 4280
 Delta R.T. 0.030 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41



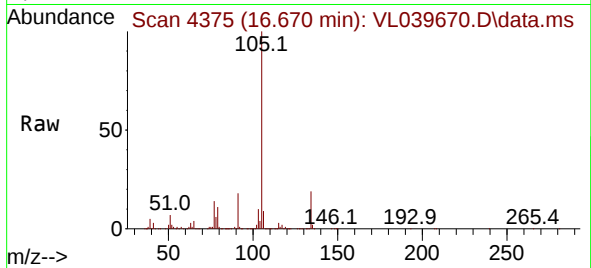
Tgt Ion: 91 Resp: 189729
 Ion Ratio Lower Upper
 91 100
 126 0.0 13.1 19.7#
 128 5.4 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.132 ppbv
 RT: 16.670 min Scan# 41
 Delta R.T. 0.033 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

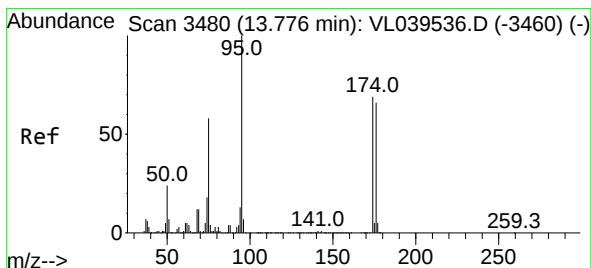
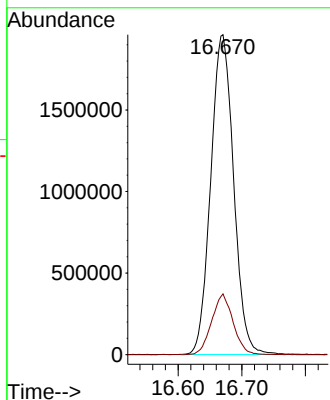
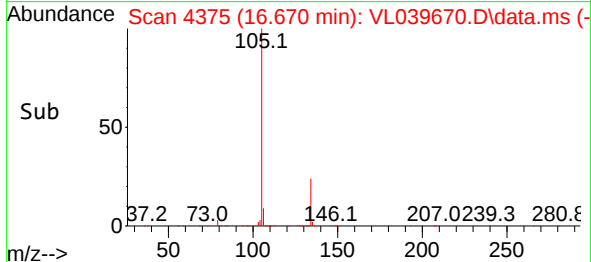
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABS01



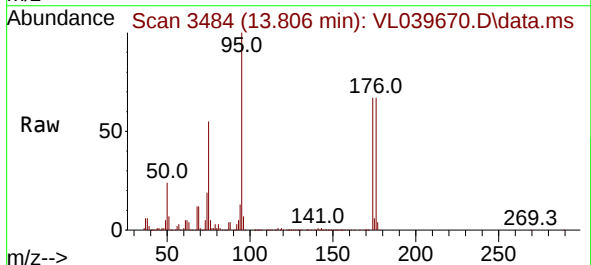
Tgt Ion: 105 Resp: 489744
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.8 22.2

Manual Integrations
 APPROVED

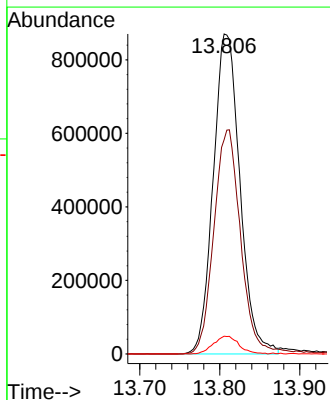
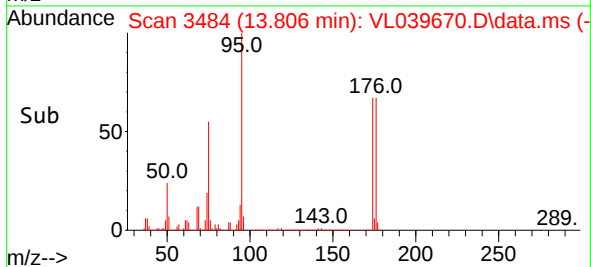
Reviewed By : Semsettin Yesilyurt 09/27/2022
 Supervised By : Mahesh Dadoda 09/28/2022

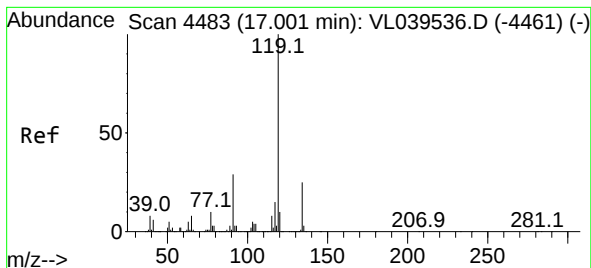


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.242 ppbv
 RT: 13.806 min Scan# 3484
 Delta R.T. 0.030 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41



Tgt Ion: 95 Resp: 2022699
 Ion Ratio Lower Upper
 95 100
 174 71.0 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 10.456 ppbv

RT: 17.030 min Scan# 4483

Delta R.T. 0.030 min

Lab File: VL039670.D

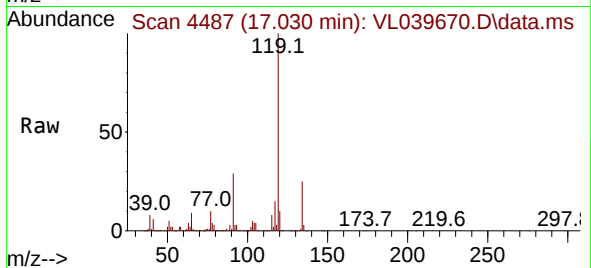
Acq: 22 Sep 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

VL0922ABS01



Tgt Ion: 119 Resp: 4152994

Ion Ratio Lower Upper

119 100

134 24.6 20.3 30.5

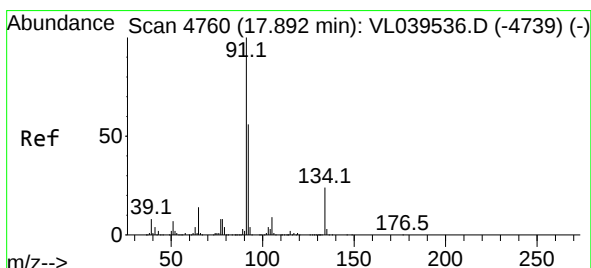
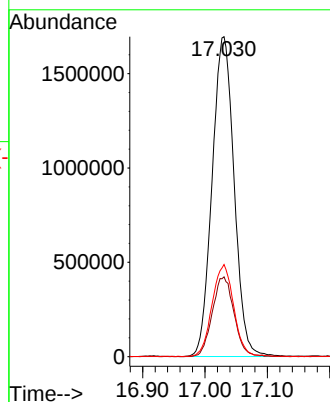
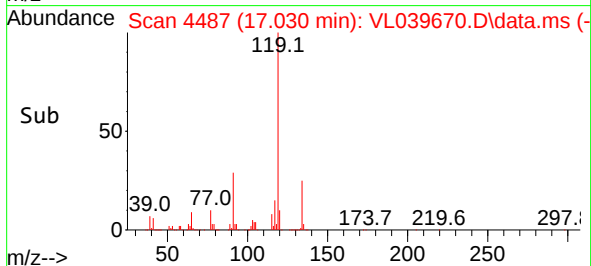
91 28.3 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#70

n-Butylbenzene

Concen: 10.623 ppbv

RT: 17.921 min Scan# 4764

Delta R.T. 0.029 min

Lab File: VL039670.D

Acq: 22 Sep 2022 17:41

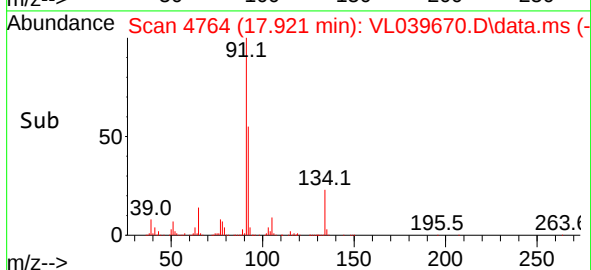
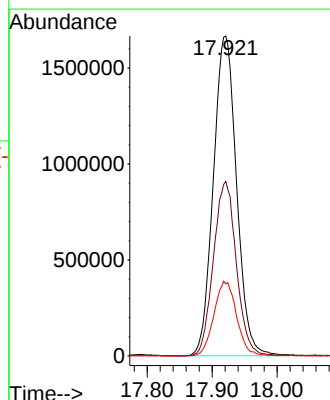
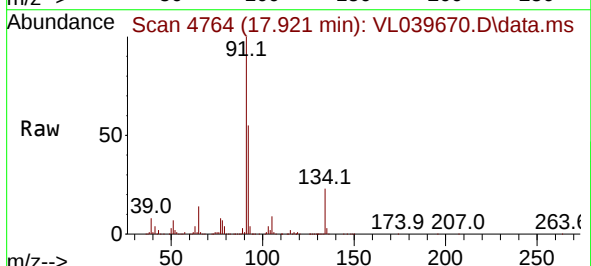
Tgt Ion: 91 Resp: 4136191

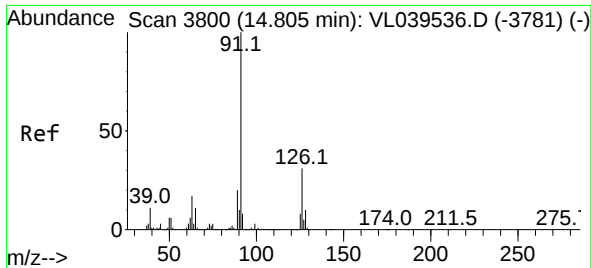
Ion Ratio Lower Upper

91 100

92 53.8 43.4 65.2

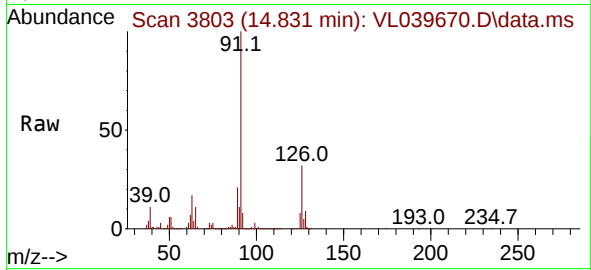
134 22.9 18.9 28.3





#71
2-Chlorotoluene
Concen: 10.154 ppbv
RT: 14.831 min Scan# 3803
Delta R.T. 0.026 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

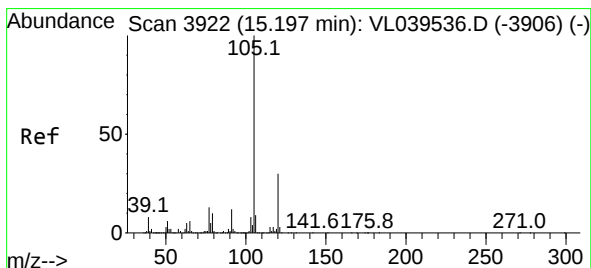
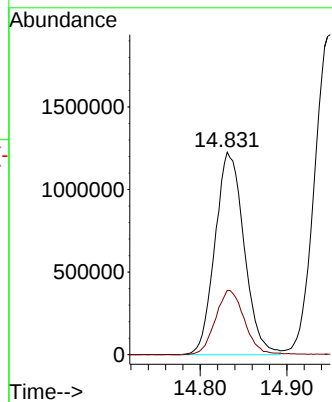
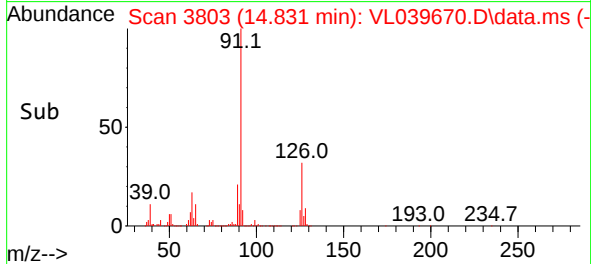
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



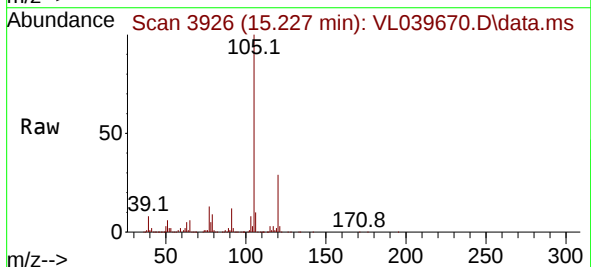
Tgt Ion: 91 Resp: 2859874
Ion Ratio Lower Upper
91 100
126 31.9 13.0 51.8

Manual Integrations
APPROVED

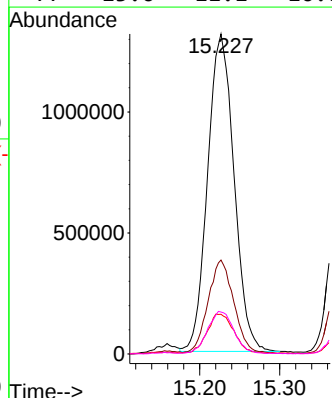
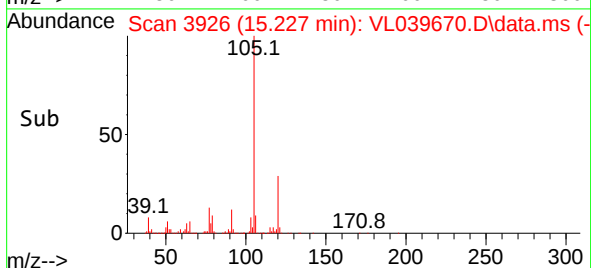
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

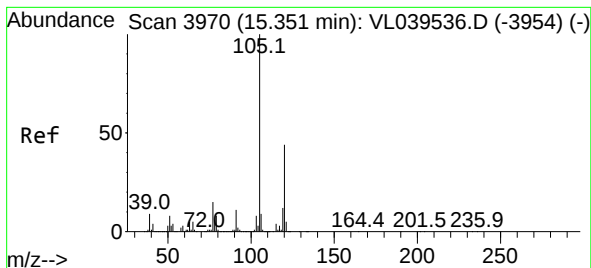


#72
4-Ethyltoluene
Concen: 10.188 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. 0.030 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41



Tgt Ion:105 Resp: 3015109
Ion Ratio Lower Upper
105 100
120 29.2 24.2 36.2
91 12.9 10.2 15.4
77 13.6 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.083 ppbv

RT: 15.384 min Scan# 3970

Delta R.T. 0.033 min

Lab File: VL039670.D

Acq: 22 Sep 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

VL0922ABS01

Tgt Ion:105 Resp: 273055

Ion Ratio Lower Upper

105 100

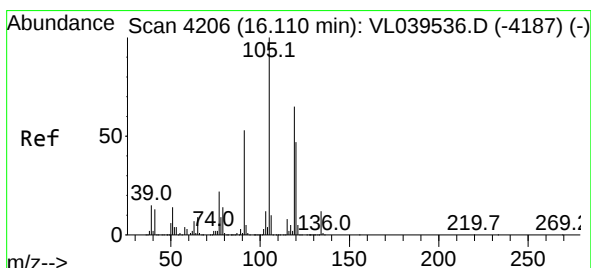
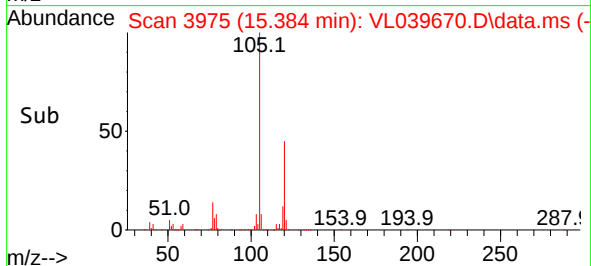
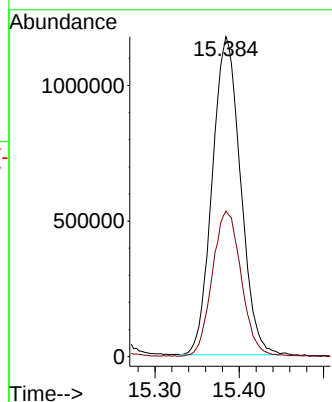
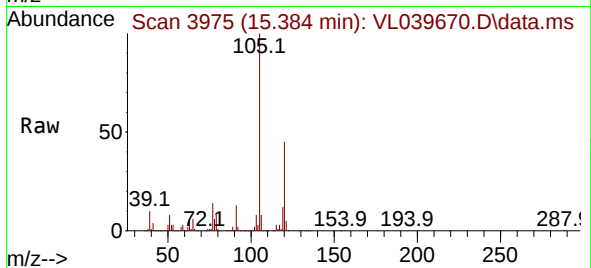
120 45.6 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.647 ppbv

RT: 16.140 min Scan# 4210

Delta R.T. 0.030 min

Lab File: VL039670.D

Acq: 22 Sep 2022 17:41

Tgt Ion:105 Resp: 2928356

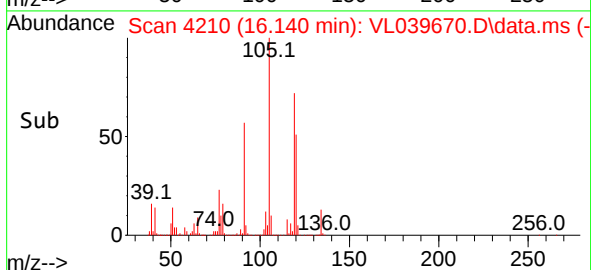
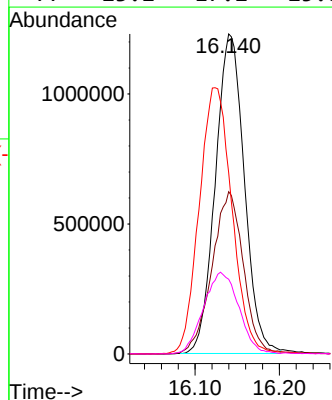
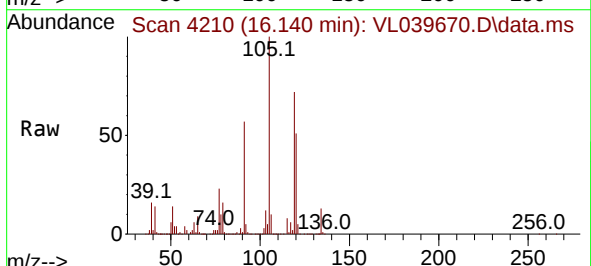
Ion Ratio Lower Upper

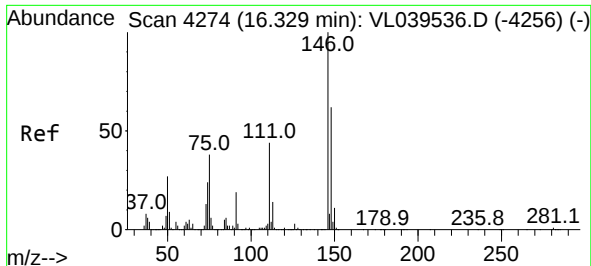
105 100

120 50.4 39.5 59.3

91 56.0 39.2 58.8

77 23.2 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.734 ppbv

RT: 16.365 min Scan# 41

Delta R.T. 0.036 min

Lab File: VL039670.D

Acq: 22 Sep 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

VL0922ABS01

Tgt Ion:146 Resp: 176304

Ion Ratio Lower Upper

146 100

111 45.6 22.9 68.7

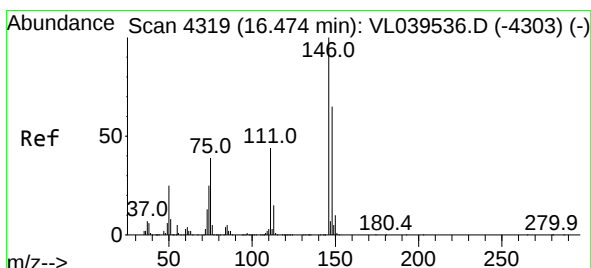
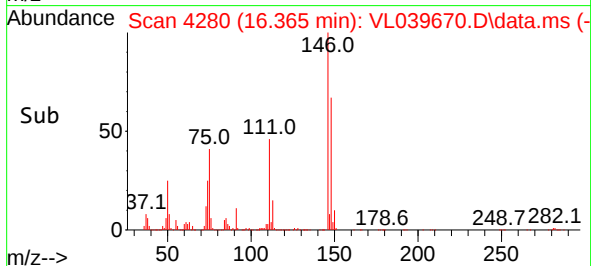
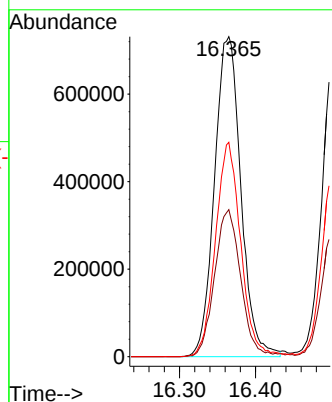
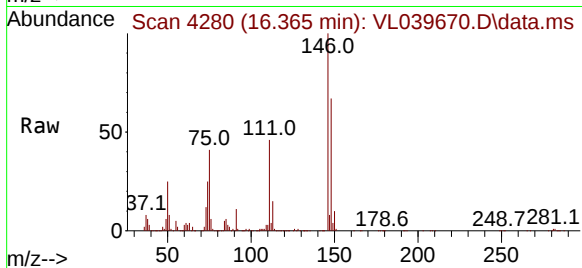
148 64.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#76

1,4-Dichlorobenzene

Concen: 9.592 ppbv

RT: 16.506 min Scan# 4324

Delta R.T. 0.033 min

Lab File: VL039670.D

Acq: 22 Sep 2022 17:41

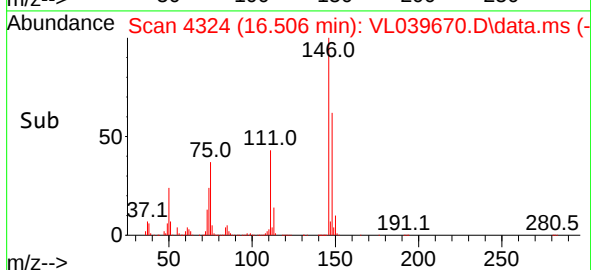
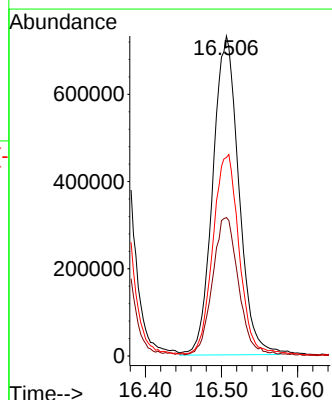
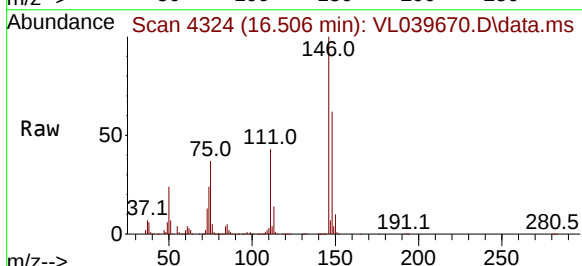
Tgt Ion:146 Resp: 1738017

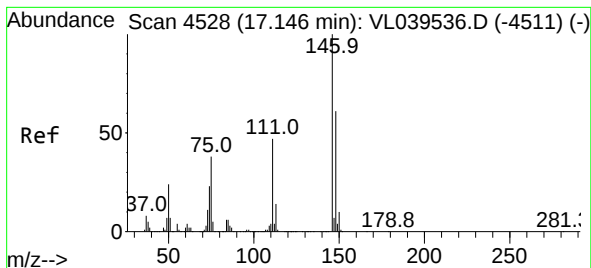
Ion Ratio Lower Upper

146 100

111 44.3 22.9 68.8

148 64.4 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.901 ppbv

RT: 17.175 min Scan# 4532

Delta R.T. 0.030 min

Lab File: VL039670.D

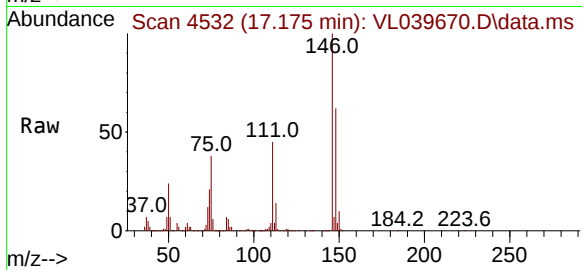
Acq: 22 Sep 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

VL0922ABS01



Tgt Ion:146 Resp: 1748819

Ion Ratio Lower Upper

146 100

111 47.0 23.8 71.5

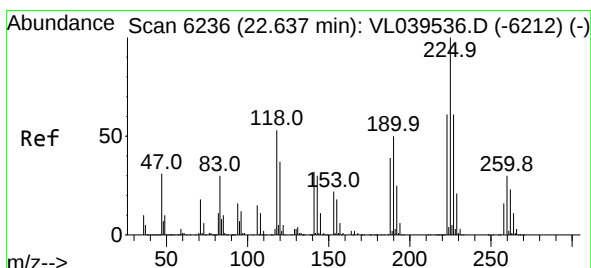
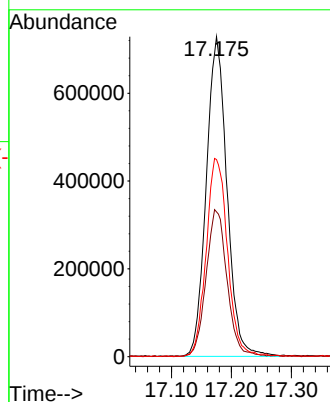
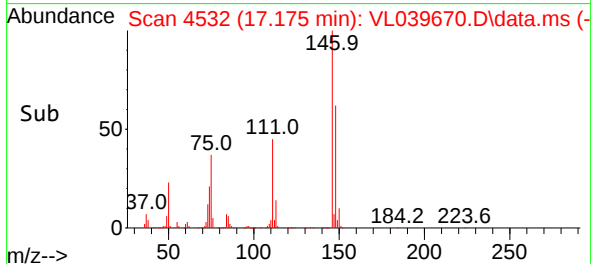
148 64.5 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.503 ppbv

RT: 22.664 min Scan# 6239

Delta R.T. 0.026 min

Lab File: VL039670.D

Acq: 22 Sep 2022 17:41

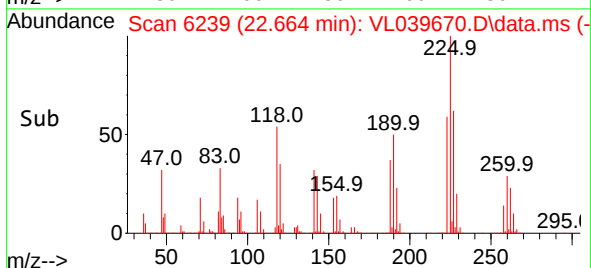
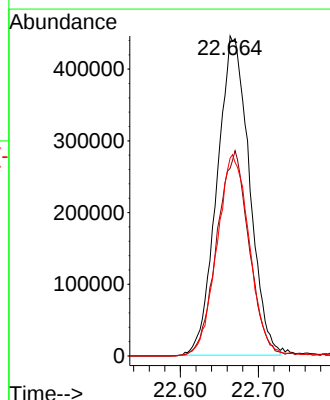
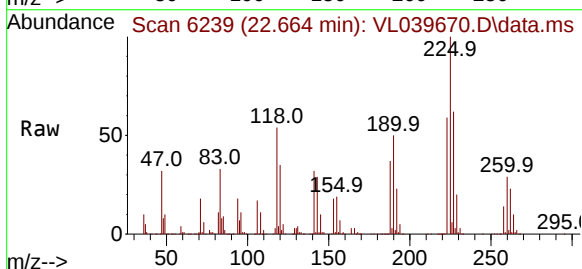
Tgt Ion:225 Resp: 1282421

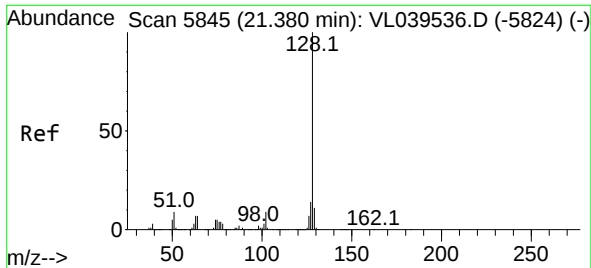
Ion Ratio Lower Upper

225 100

223 64.9 51.8 77.6

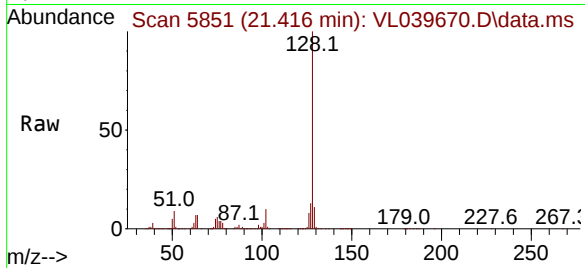
227 64.1 51.4 77.2





#79
Naphthalene
Concen: 12.008 ppbv
RT: 21.416 min Scan# 5845
Delta R.T. 0.036 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

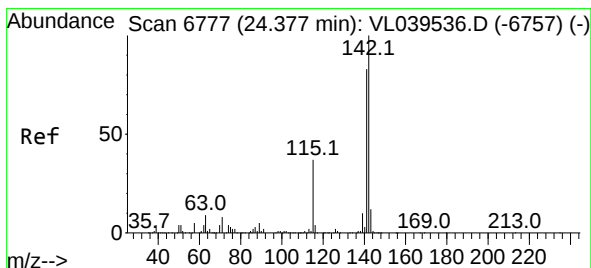
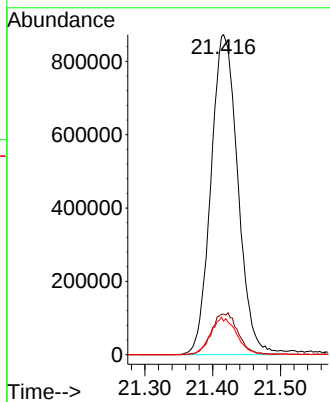
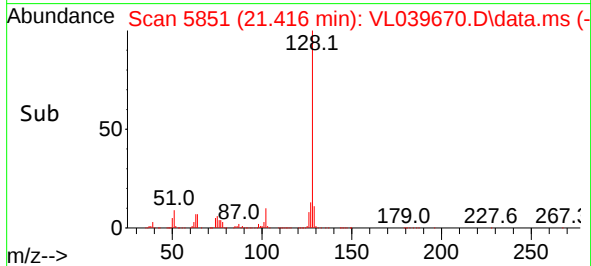
Instrument :
MSVOA_L
ClientSampleId :
VL0922ABS01



Tgt Ion:128 Resp: 2405519
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.5 8.8 13.2

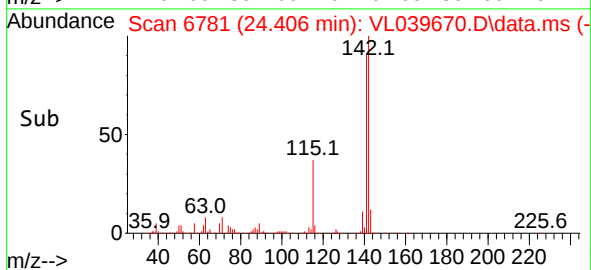
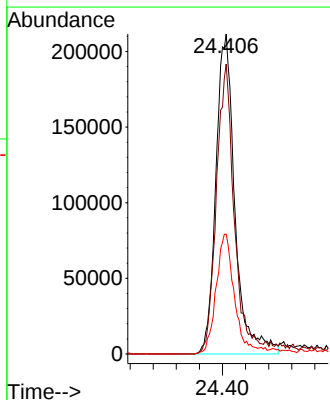
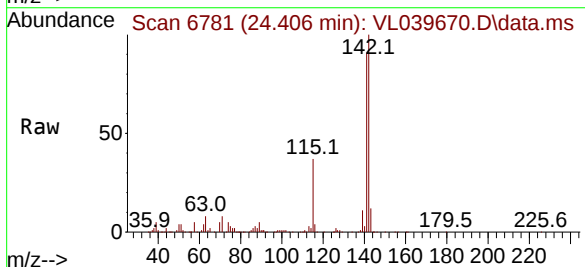
Manual Integrations
APPROVED

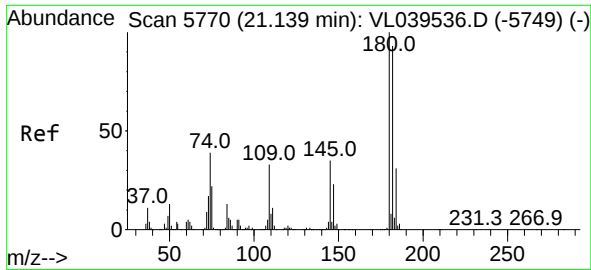
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#80
Naphthalene,2-methyl-
Concen: 6.433 ppbv
RT: 24.406 min Scan# 6781
Delta R.T. 0.029 min
Lab File: VL039670.D
Acq: 22 Sep 2022 17:41

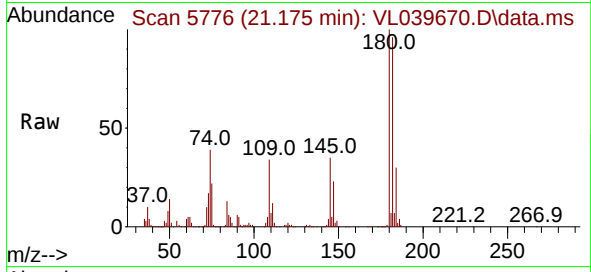
Tgt Ion:142 Resp: 484526
Ion Ratio Lower Upper
142 100
141 88.8 68.9 103.3
115 37.9 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.309 ppbv
 RT: 21.175 min Scan# 51
 Delta R.T. 0.036 min
 Lab File: VL039670.D
 Acq: 22 Sep 2022 17:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABS01



Tgt Ion:180 Resp: 1356415

Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.1	115.7
184	30.6	24.3	36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

