

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039668.D
 Acq On : 22 Sep 2022 15:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Sep 23 06:34:42 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	5.227	49	1033574	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.687	114	2670569	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.497	117	2659217m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.806	95	1994919	10.049	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.764	85	1114863	9.304	ppbv	98
3) Chlorodifluoromethane	2.709	51	1148064	9.360	ppbv	97
4) Chloromethane	2.851	50	705193	9.528	ppbv	97
5) Vinyl Chloride	2.957	62	614708	9.964	ppbv	97
6) Bromomethane	3.156	94	226165	9.940	ppbv	99
7) Chloroethane	3.234	64	217989	9.662	ppbv	97
8) Dichlorotetrafluoroethane	2.893	85	1355221	9.429	ppbv	97
9) Propene	2.732	41	526562	9.400	ppbv	98
10) Heptane	7.613	43	1315737	10.065	ppbv	99
11) Trichlorofluoromethane	3.603	101	1448931	9.764	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.105	101	1071746	9.562	ppbv	98
13) Ethanol	3.279	45	29935	7.013	ppbv	86
14) Bromoethene	3.404	108	427119	9.546	ppbv	93
15) Acetone	3.504	43	1077170	9.366	ppbv	99
16) 1,3-Butadiene	3.021	39	588496	10.087	ppbv	99
17) tert-Butyl alcohol	3.915	59	1103847	10.695	ppbv	100
18) 1,1-Dichloroethene	3.915	96	478372	9.701	ppbv	98
19) Isopropyl Alcohol	3.610	45	582724	9.940	ppbv	100
20) Methylene Chloride	3.970	84	407689	7.667	ppbv	94
21) Allyl Chloride	4.034	41	757675	9.675	ppbv	98
22) trans-1,2-Dichloroethene	4.481	96	481445	9.869	ppbv	99
23) Vinyl Acetate	4.661	43	489918	9.423	ppbv #	97
24) 1,1-Dichloroethane	4.600	63	1011858	9.773	ppbv	99
25) Ethyl Acetate	5.240	43	2374479	9.468	ppbv	99
26) Hexane	5.246	57	986714	9.271	ppbv	97
27) Carbon Disulfide	4.163	76	1179326	10.544	ppbv	100
28) Methyl tert-Butyl Ether	4.623	73	887907	9.931	ppbv	98
29) Chloroform	5.311	83	1501959	9.776	ppbv	99
30) Cyclohexane	6.635	84	809118	9.818	ppbv	93
31) cis-1,2-Dichloroethene	5.115	61	950390	9.873	ppbv	95
32) 1,1,1-Trichloroethane	6.037	97	1483504	10.666	ppbv	100
34) 2-Butanone	4.825	43	1346863	10.268	ppbv	98
35) Carbon Tetrachloride	6.526	117	1556746	10.981	ppbv	98
36) Benzene	6.404	78	2038293	9.983	ppbv	97
37) 1,2-Dichloroethane	5.841	62	1125850	10.131	ppbv	99
38) Trichloroethene	7.327	130	1187224	10.759	ppbv	99
39) 1,2-Dichloropropane	7.108	63	786189	9.972	ppbv	96
40) 1,4-Dioxane	7.317	88	299442	9.302	ppbv #	1
41) Tetrahydrofuran	5.594	42	813203	10.105	ppbv	97
42) Bromodichloromethane	7.282	83	1613289	10.438	ppbv	99
43) Methyl Methacrylate	7.510	69	803652	10.798	ppbv	97
44) 2,2,4-Trimethylpentane	7.362	57	3484146	9.901	ppbv	99
45) t-1,3-Dichloropropene	8.741	75	755882	12.018	ppbv	96

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Manual Integrations
 APPROVED

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Quant Time: Sep 23 06:34:42 2022

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

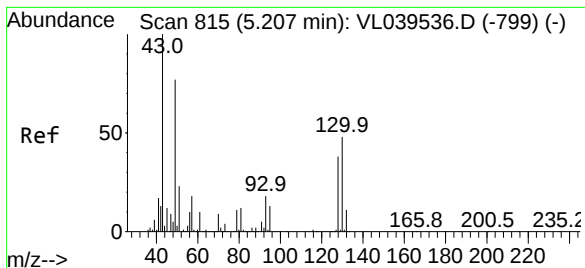
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

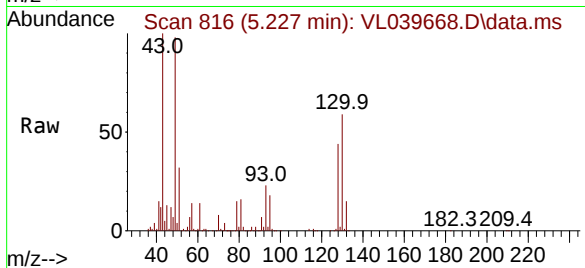
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.175	75	1039566	11.611	ppbv	99
47) 1,1,2-Trichloroethane	8.934	97	832462	9.660	ppbv	98
48) Dibromochloromethane	9.741	129	1370110	10.558	ppbv	99
49) Bromoform	12.439	173	1103704	10.283	ppbv	99
50) 4-Methyl-2-Pentanone	8.217	43	2193726	10.643	ppbv	97
51) 2-Hexanone	9.584	43	1691076	11.083	ppbv #	99
52) Tetrachloroethene	10.651	164	759456	9.750	ppbv	93
53) Toluene	9.256	91	2389031	10.521	ppbv	99
54) 1,2-Dibromoethane	10.040	107	961853	10.433	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.542	131	1013397	9.430	ppbv	95
57) Chlorobenzene	11.558	112	1793831	9.173	ppbv	96
58) Ethyl Benzene	12.124	91	3104488	10.125	ppbv	99
59) m/p-Xylene	12.404	91	5232930m	19.178	ppbv	
60) o-Xylene	13.092	91	2508590	9.627	ppbv	100
61) Styrene	12.931	104	1468162	10.462	ppbv	100
62) Isopropylbenzene	14.063	105	3615207	9.220	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.082	83	949055	9.131	ppbv	98
64) n-propylbenzene	14.947	120	935096	9.313	ppbv	96
65) tert-Butylbenzene	16.124	119	3182031	9.186	ppbv	100
66) Benzyl Chloride	16.358	91	247134	8.960	ppbv	99
67) sec-Butylbenzene	16.670	105	4424312	9.106	ppbv	99
69) p-Isopropyltoluene	17.027	119	3694004	9.252	ppbv	99
70) n-Butylbenzene	17.918	91	3683047	9.410	ppbv	99
71) 2-Chlorotoluene	14.834	91	2628530	9.285	ppbv	99
72) 4-Ethyltoluene	15.227	105	2832072	9.520	ppbv	100
73) 1,3,5-Trimethylbenzene	15.384	105	2605325	9.571	ppbv	99
74) 1,2,4-Trimethylbenzene	16.140	105	2775718	9.097	ppbv	97
75) 1,3-Dichlorobenzene	16.365	146	1649257	9.059	ppbv	99
76) 1,4-Dichlorobenzene	16.503	146	1615890	8.873	ppbv	99
77) 1,2-Dichlorobenzene	17.172	146	1600093	9.013	ppbv	99
78) Hexachloro-1,3-Butadiene	22.670	225	1284936	9.472	ppbv	99
79) Naphthalene	21.413	128	2679910	13.309	ppbv	99
80) Naphthalene,2-methyl-	24.403	142	971198	12.828	ppbv	96
81) 1,2,4-Trichlorobenzene	21.175	180	1500232	11.343	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 815
Delta R.T. 0.020 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

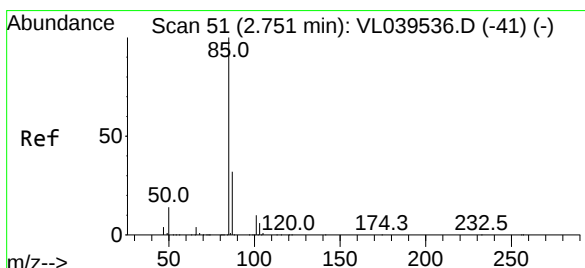
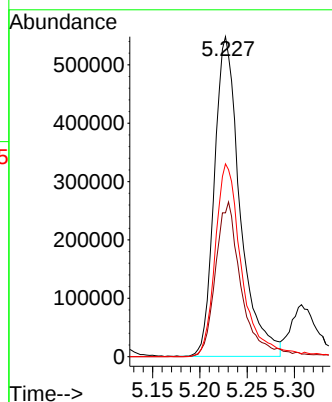
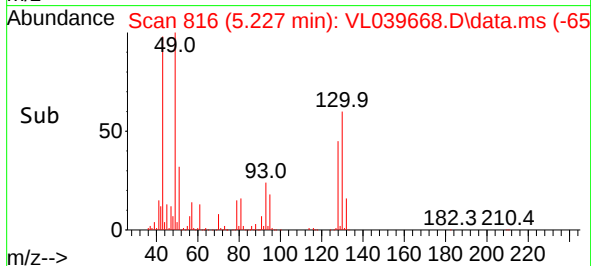
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1033574
Ion Ratio Lower Upper
49 100
128 50.1 26.7 80.0
130 63.5 34.3 102.8

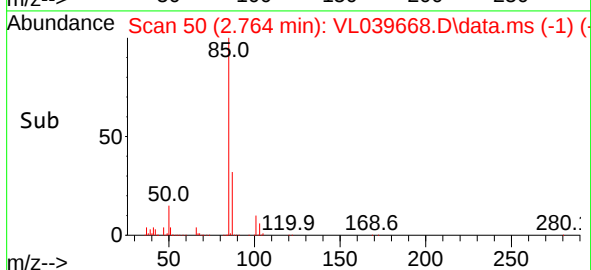
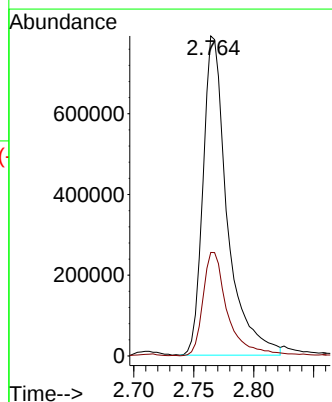
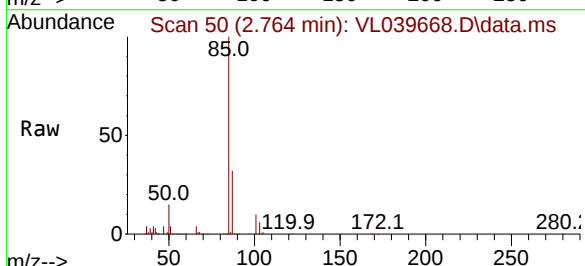
Manual Integrations
APPROVED

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



#2
Dichlorodifluoromethane
Concen: 9.304 ppbv
RT: 2.764 min Scan# 50
Delta R.T. 0.013 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

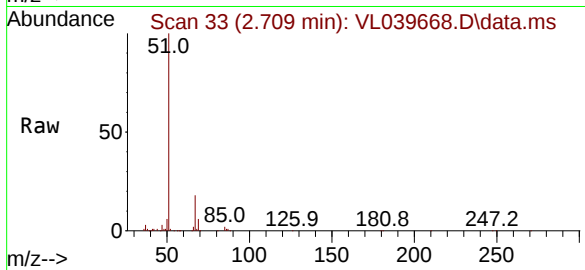
Tgt Ion: 85 Resp: 1114863
Ion Ratio Lower Upper
85 100
87 32.4 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.360 ppbv
RT: 2.709 min Scan# 31
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

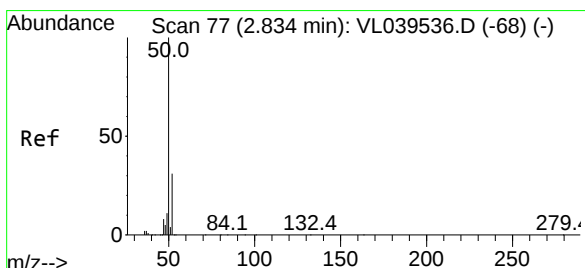
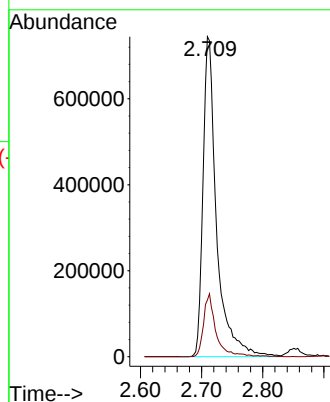
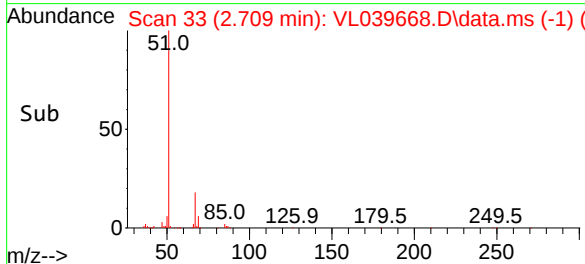
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



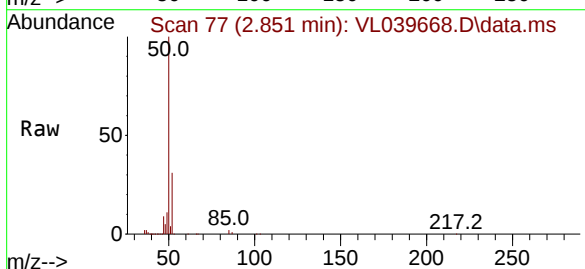
Tgt Ion: 51 Resp: 1148064
Ion Ratio Lower Upper
51 100
67 18.1 15.7 23.5

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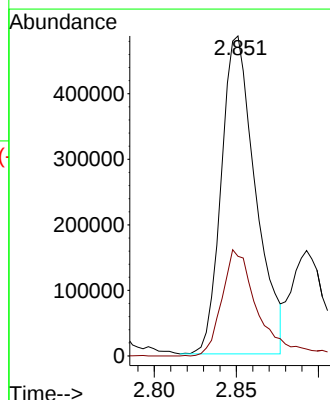
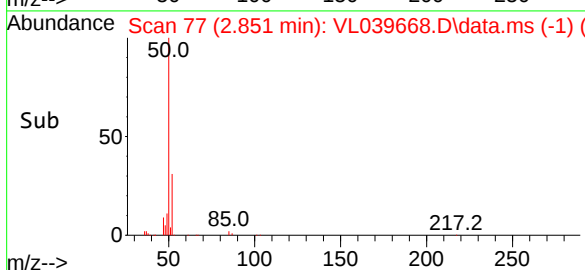
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

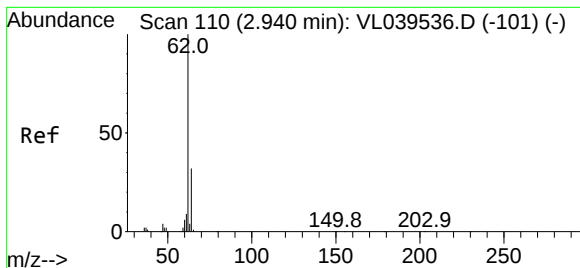


#4
Chloromethane
Concen: 9.528 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34



Tgt Ion: 50 Resp: 705193
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7





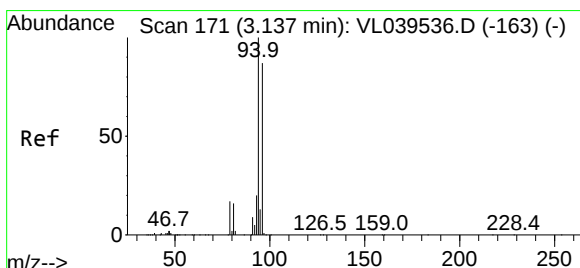
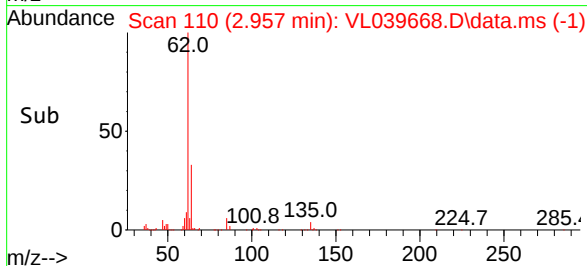
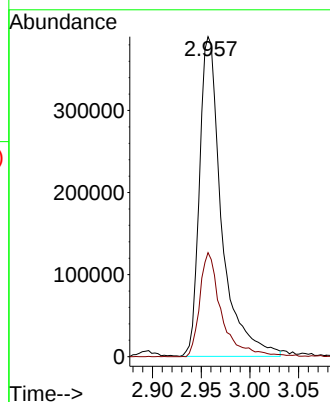
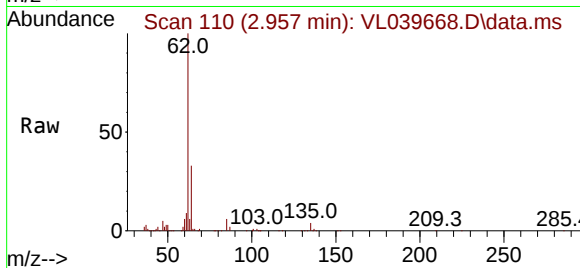
#5
 Vinyl Chloride
 Concen: 9.964 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. 0.017 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 614708
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.6 36.8

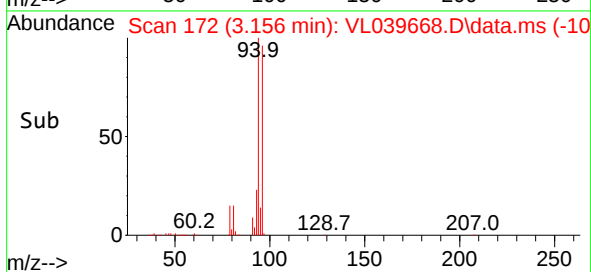
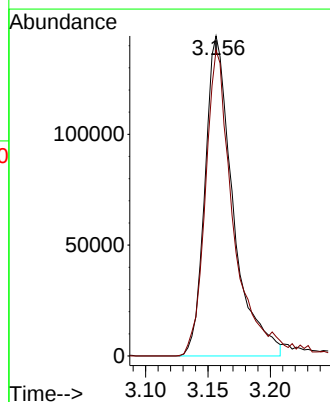
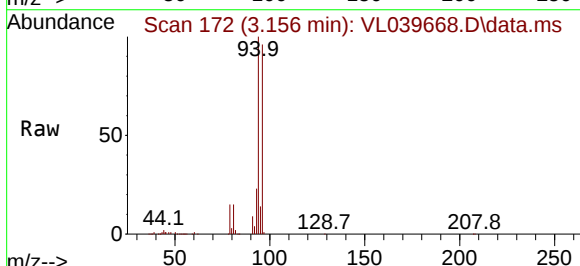
Manual Integrations
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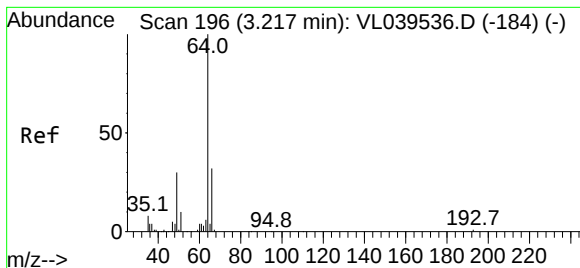
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#6
 Bromomethane
 Concen: 9.940 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. 0.020 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

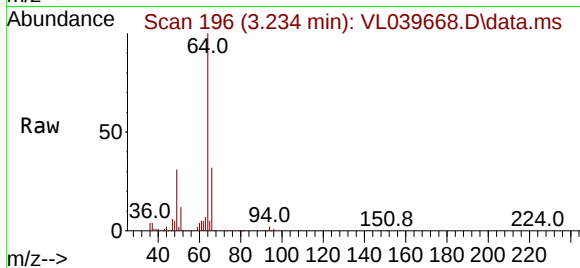
Tgt Ion: 94 Resp: 226165
 Ion Ratio Lower Upper
 94 100
 96 95.4 75.6 113.4





#7
Chloroethane
Concen: 9.662 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

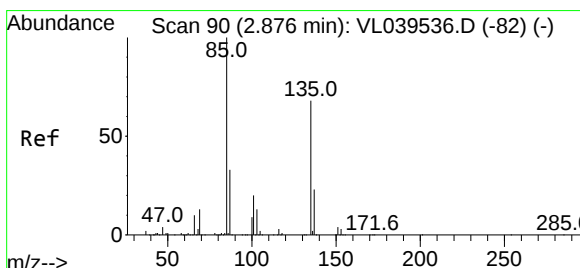
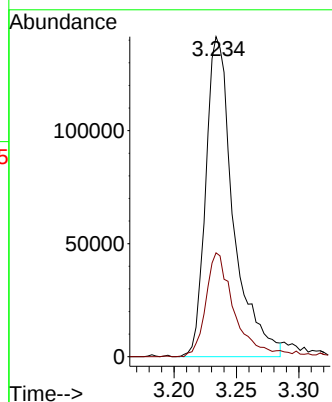
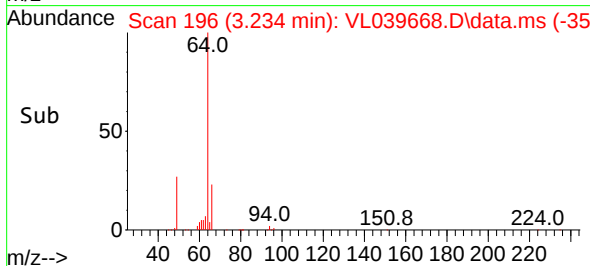
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



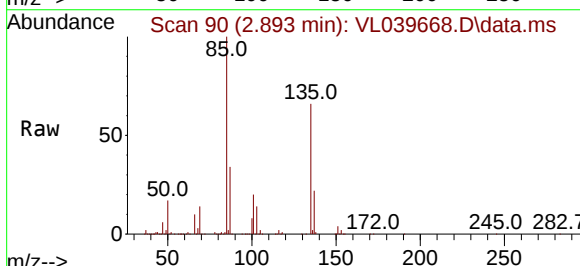
Tgt Ion: 64 Resp: 217989
Ion Ratio Lower Upper
64 100
66 32.5 24.7 37.1

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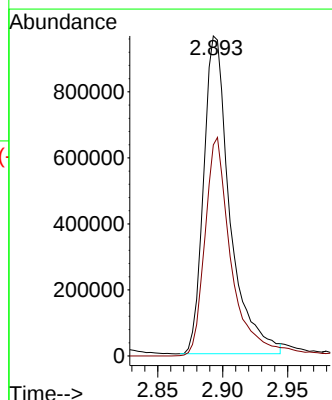
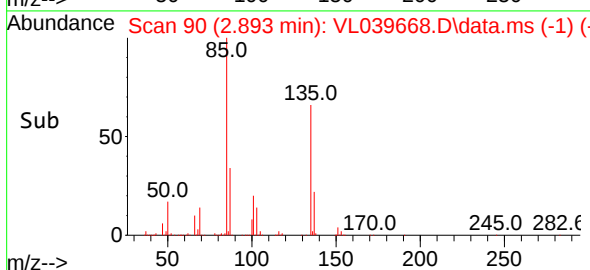
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

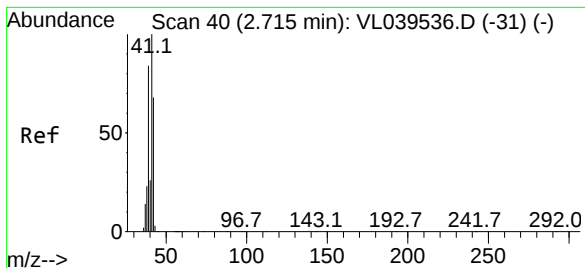


#8
Dichlorotetrafluoroethane
Concen: 9.429 ppbv
RT: 2.893 min Scan# 90
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34



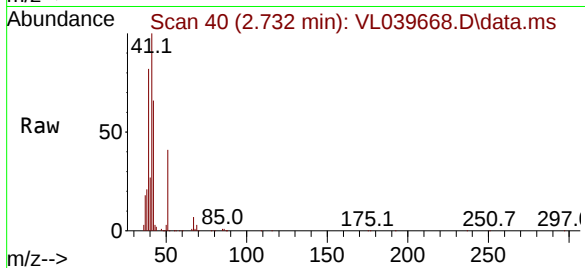
Tgt Ion: 85 Resp: 1355221
Ion Ratio Lower Upper
85 100
135 71.3 59.0 88.4





#9
 Propene
 Concen: 9.400 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.017 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

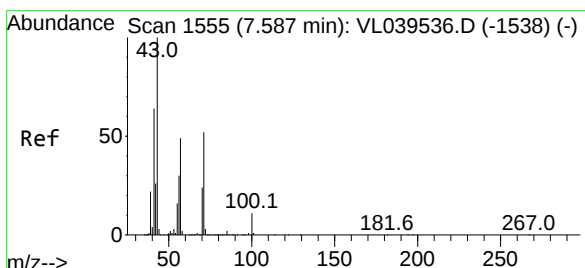
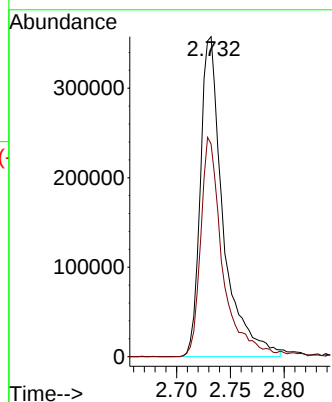
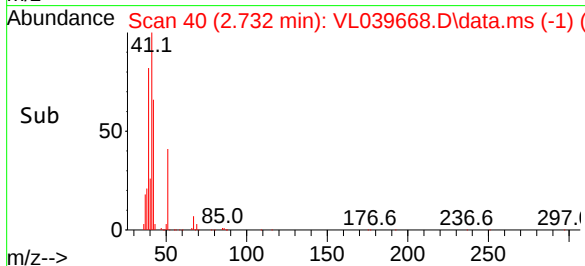
Instrument :
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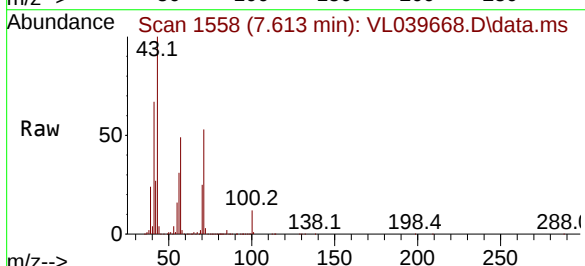
Tgt Ion: 41 Resp: 526562
 Ion Ratio Lower Upper
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 42 67.6 55.2 82.8

Manual Integrations
 APPROVED

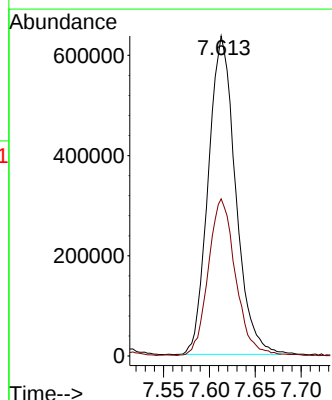
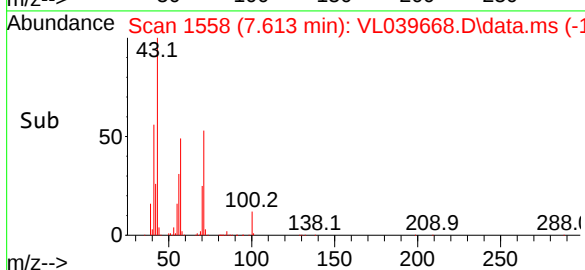
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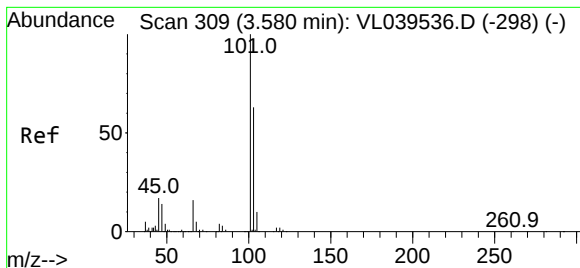


#10
 Heptane
 Concen: 10.065 ppbv
 RT: 7.613 min Scan# 1558
 Delta R.T. 0.026 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34



Tgt Ion: 43 Resp: 1315737
 Ion Ratio Lower Upper
 43 100
 57 50.2 40.5 60.7





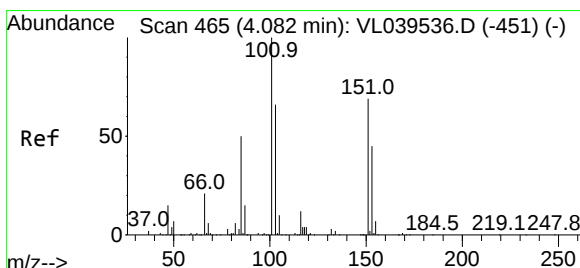
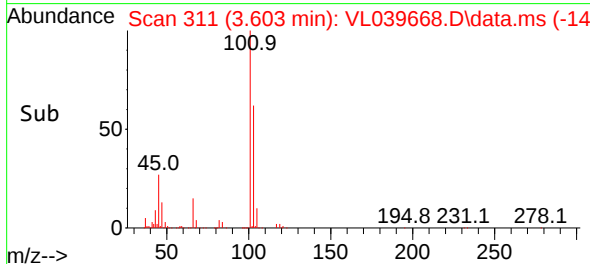
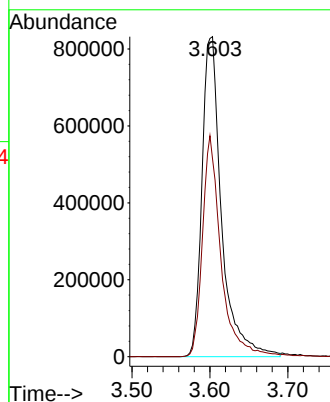
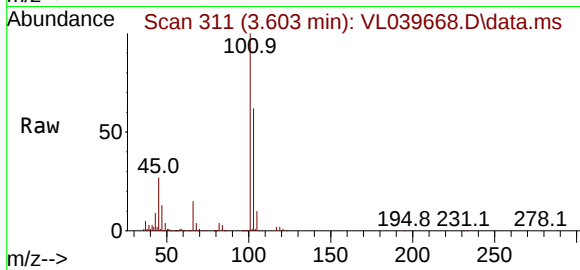
#11
Trichlorofluoromethane
Concen: 9.764 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 144893
Ion Ratio Lower Upper
101 100
103 61.9 51.8 77.8

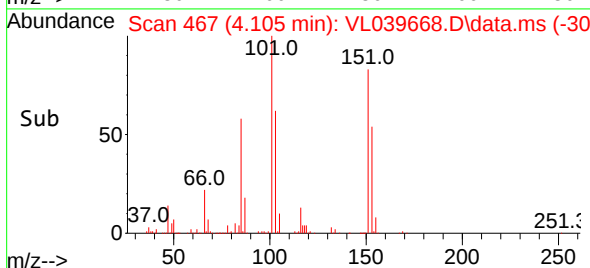
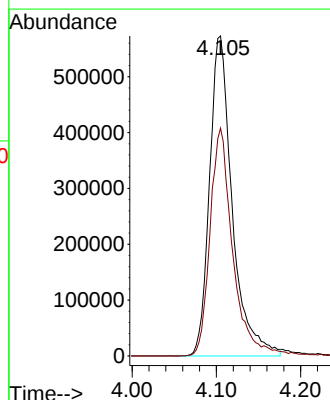
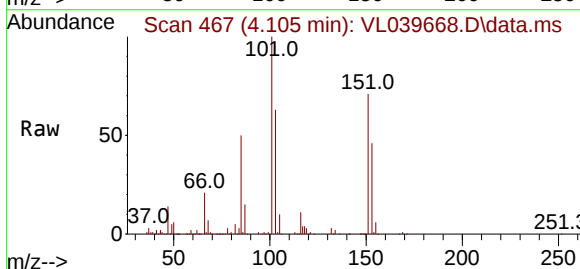
Manual Integrations
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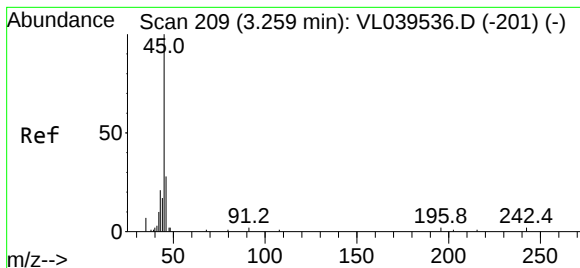
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.562 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

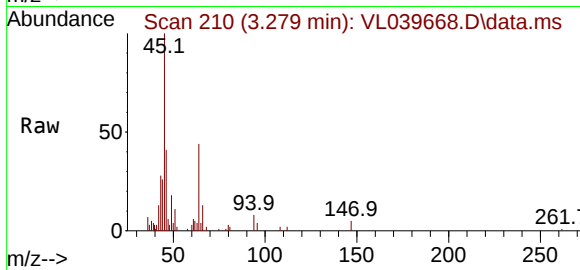
Tgt Ion:101 Resp: 1071746
Ion Ratio Lower Upper
101 100
151 71.9 58.9 88.3





#13
Ethanol
Concen: 7.013 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.020 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

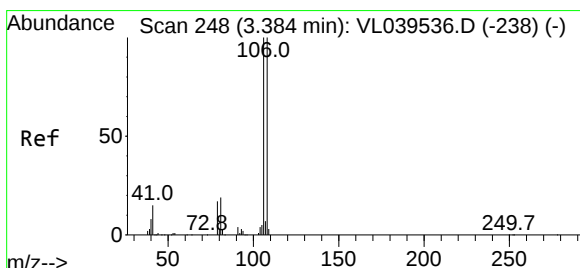
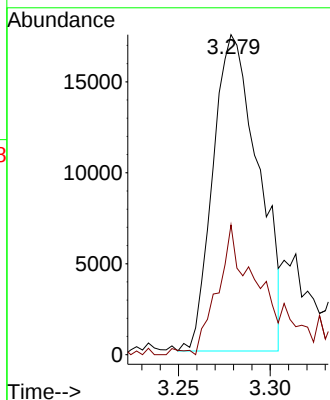
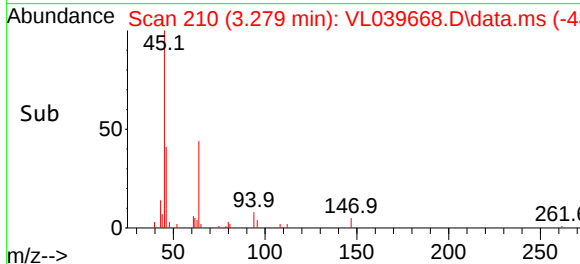
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



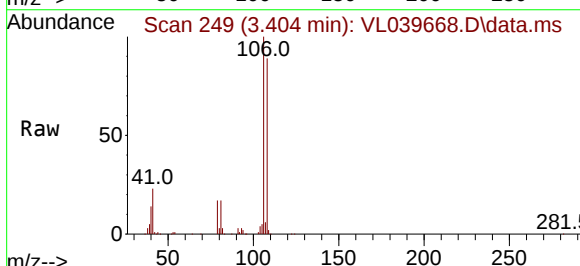
Tgt Ion: 45 Resp: 2993
Ion Ratio Lower Upper
45 100
46 46.8 22.8 91.2

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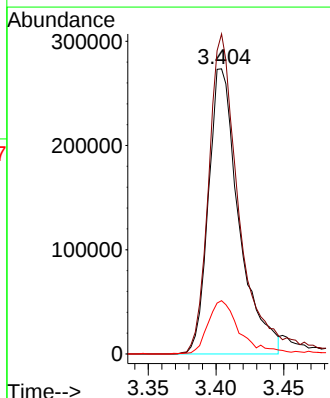
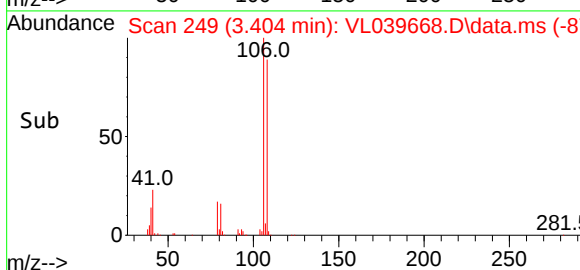
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

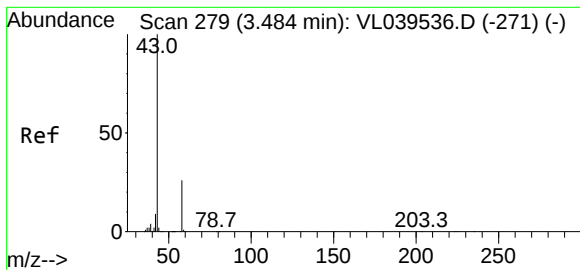


#14
Bromoethene
Concen: 9.546 ppbv
RT: 3.404 min Scan# 249
Delta R.T. 0.020 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34



Tgt Ion:108 Resp: 427119
Ion Ratio Lower Upper
108 100
106 116.0 87.1 130.7
79 20.6 14.6 22.0





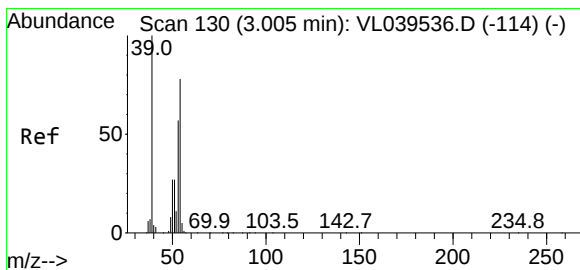
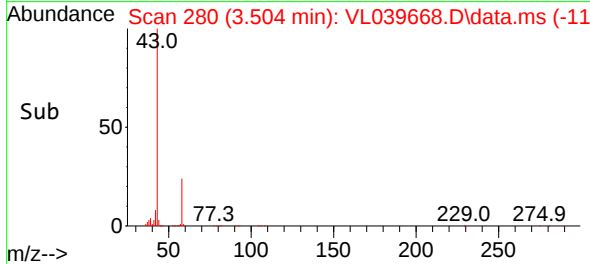
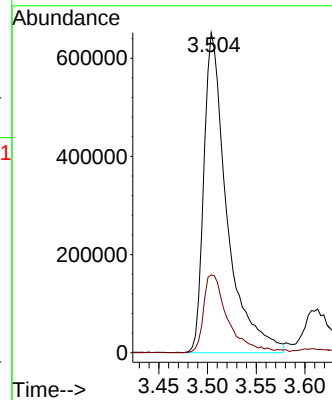
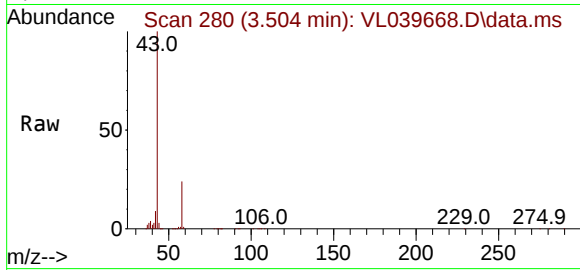
#15
Acetone
Concen: 9.366 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1077170
Ion Ratio Lower Upper
43 100
58 25.8 21.0 31.6

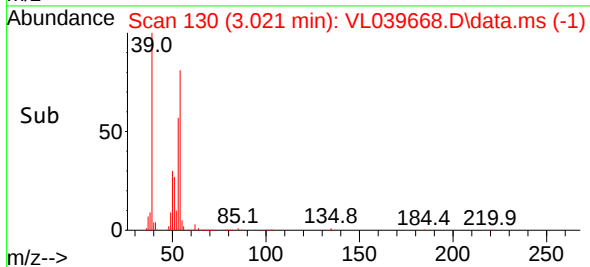
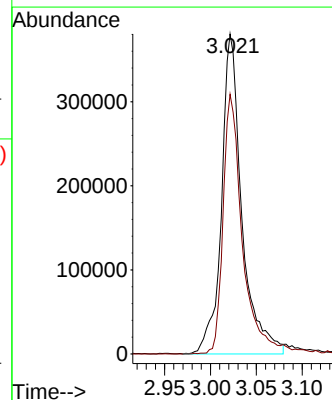
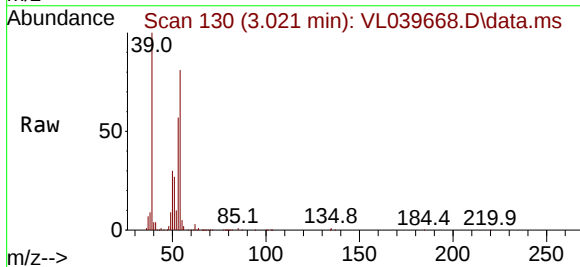
Manual Integrations
APPROVED

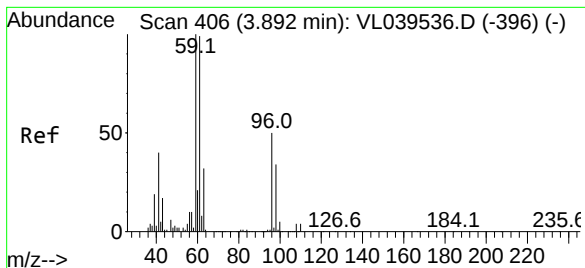
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#16
1,3-Butadiene
Concen: 10.087 ppbv
RT: 3.021 min Scan# 130
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 39 Resp: 588496
Ion Ratio Lower Upper
39 100
54 78.8 63.7 95.5





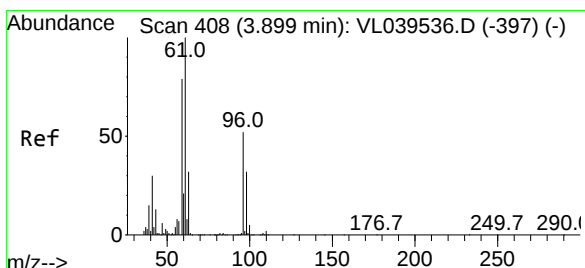
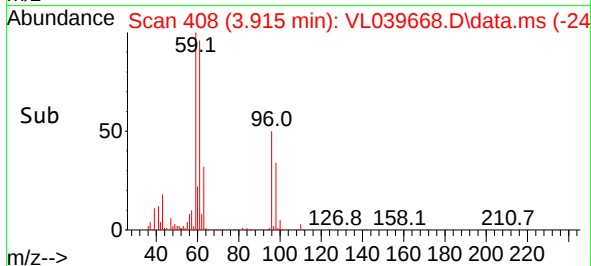
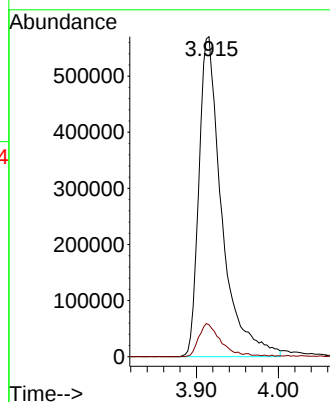
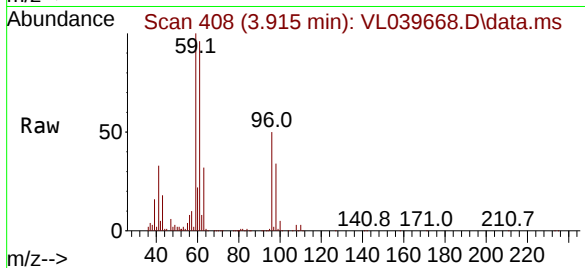
#17
tert-Butyl alcohol
Concen: 10.695 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 110384
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

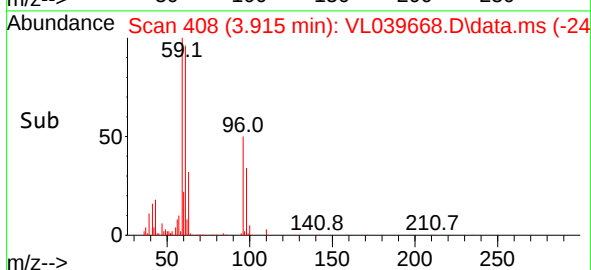
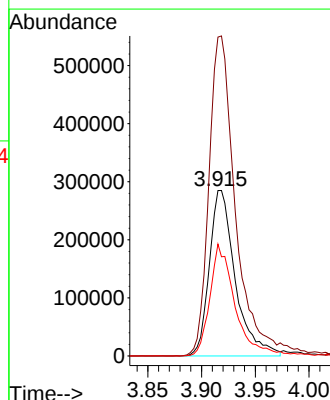
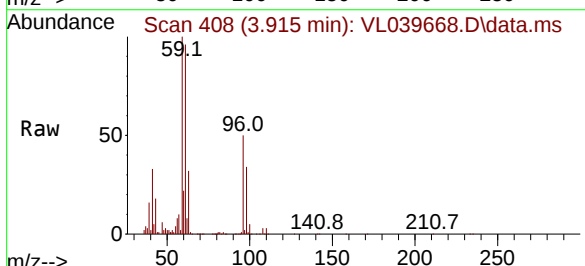
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#18
1,1-Dichloroethene
Concen: 9.701 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.017 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 96 Resp: 478372
Ion Ratio Lower Upper
96 100
61 192.7 152.2 228.4
98 67.6 51.8 77.6





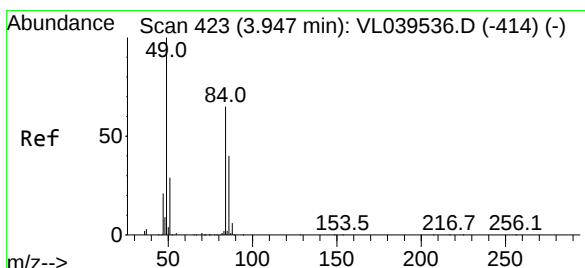
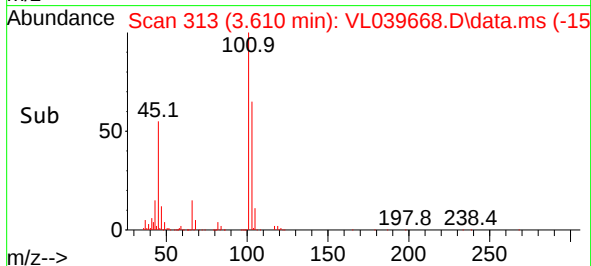
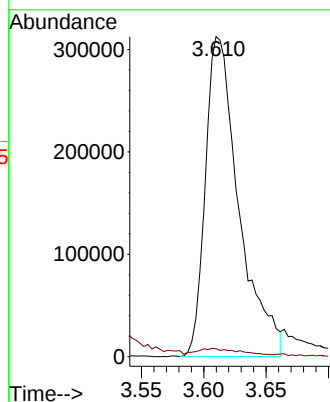
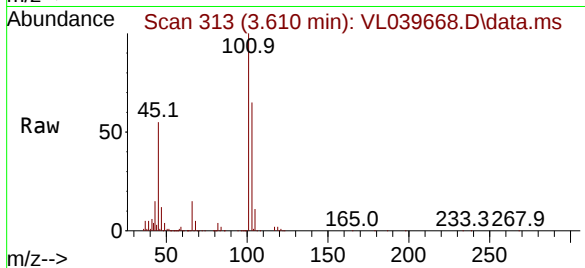
#19
Isopropyl Alcohol
Concen: 9.940 ppbv
RT: 3.610 min Scan# 312
Delta R.T. 0.020 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 582724
Ion Ratio Lower Upper
45 100
58 3.9 3.2 4.8

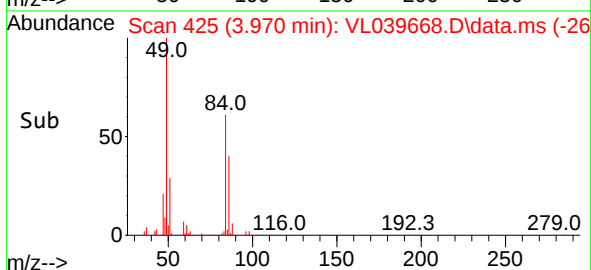
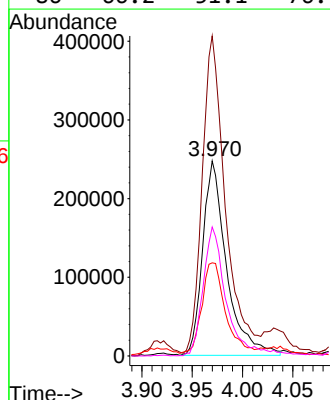
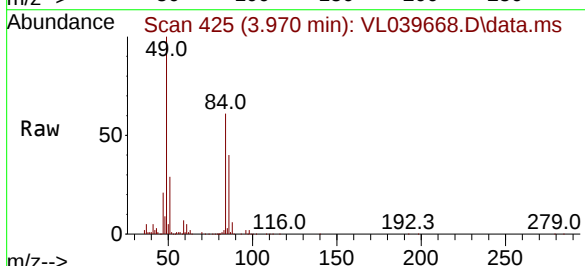
Manual Integrations
APPROVED

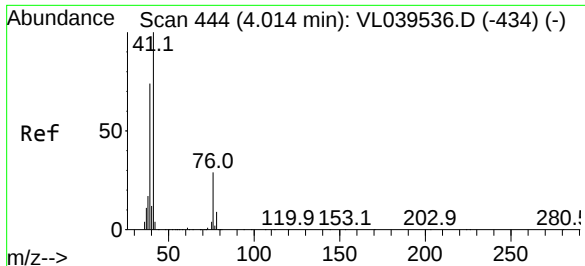
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Methylene Chloride
Concen: 7.667 ppbv
RT: 3.970 min Scan# 425
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

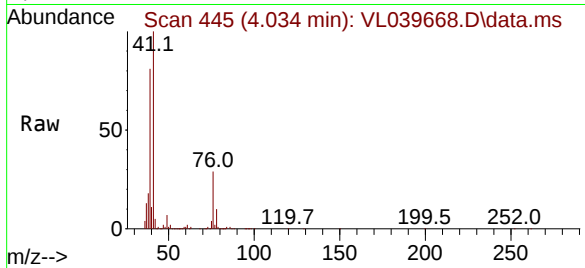
Tgt Ion: 84 Resp: 407689
Ion Ratio Lower Upper
84 100
49 162.8 123.1 184.7
51 46.6 34.4 51.6
86 66.2 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.675 ppbv
 RT: 4.034 min Scan# 444
 Delta R.T. 0.020 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

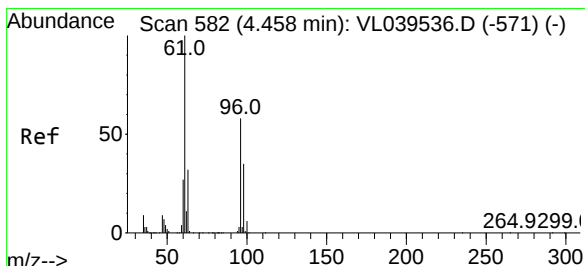
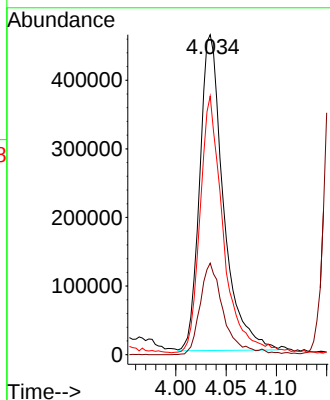
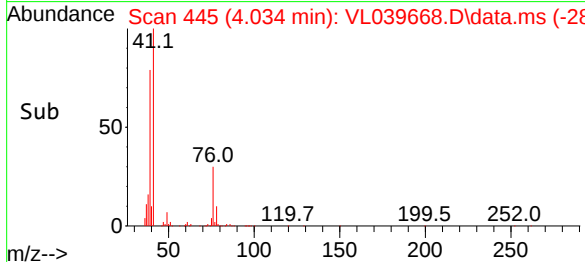
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 757679
 Ion Ratio Lower Upper
 41 100
 76 29.1 24.4 36.6
 39 80.5 63.5 95.3

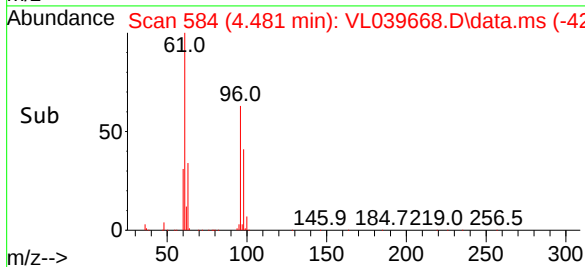
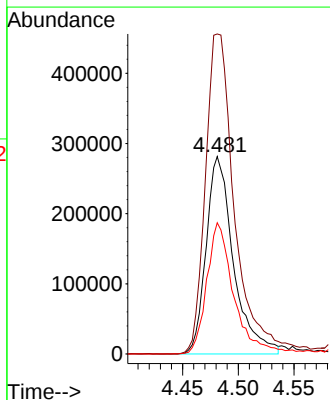
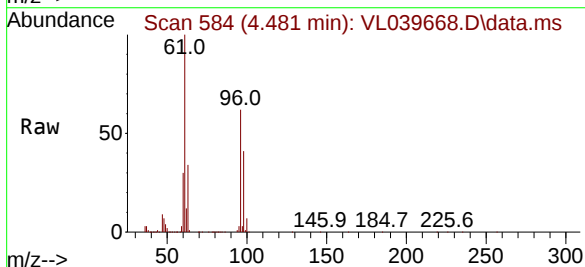
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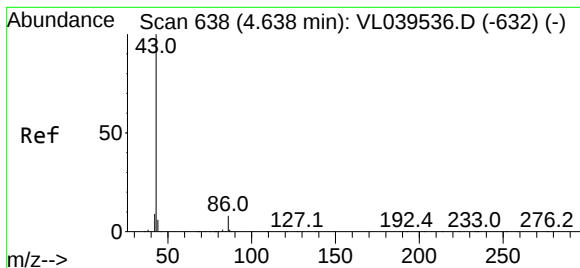
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.869 ppbv
 RT: 4.481 min Scan# 584
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Tgt Ion: 96 Resp: 481445
 Ion Ratio Lower Upper
 96 100
 61 161.9 130.6 195.8
 98 66.4 53.4 80.0





#23
 Vinyl Acetate
 Concen: 9.423 ppbv
 RT: 4.661 min Scan# 640
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

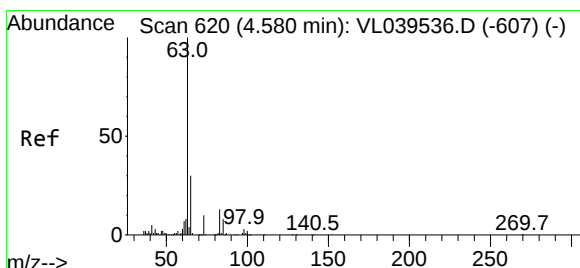
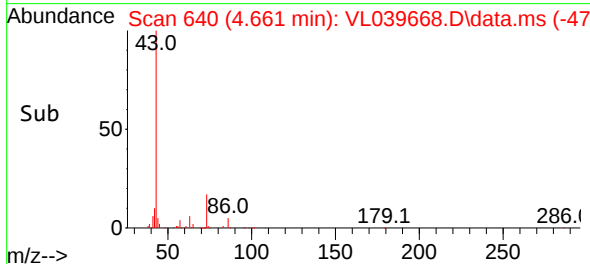
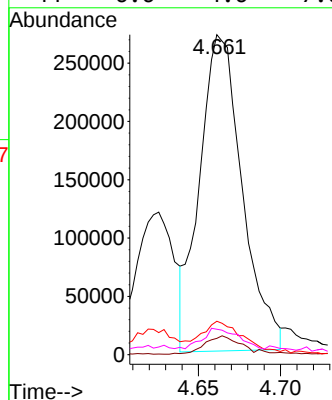
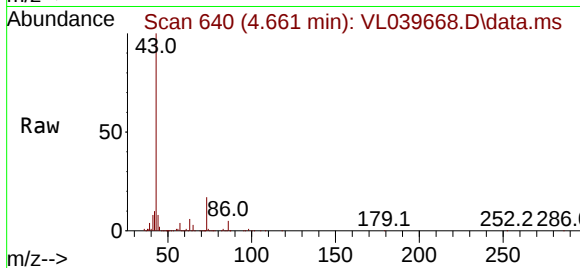
VSTDCCC010

Tgt Ion: 43 Resp: 489918
 Ion Ratio Lower Upper
 43 100
 86 4.7 5.0 7.6
 42 10.3 7.7 11.5
 44 6.6 4.6 7.0

Manual Integrations

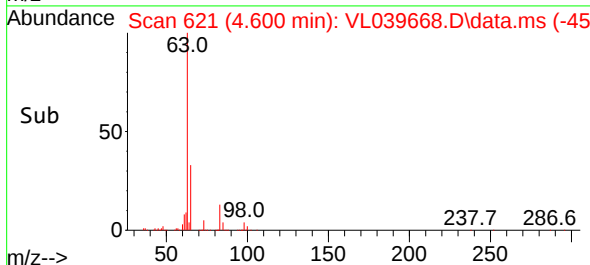
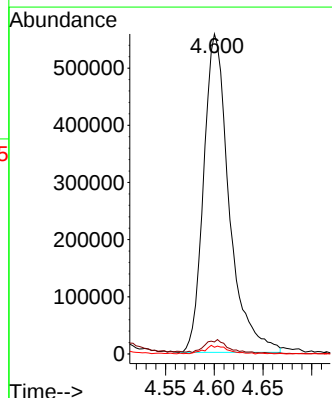
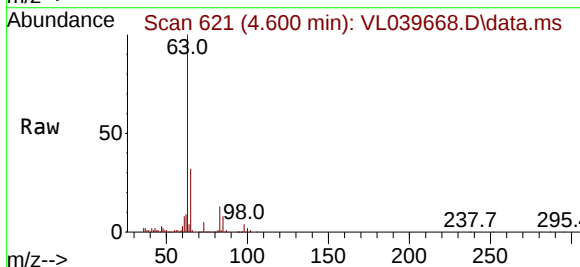
APPROVED

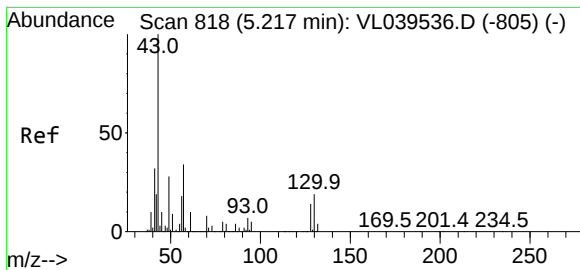
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#24
 1,1-Dichloroethane
 Concen: 9.773 ppbv
 RT: 4.600 min Scan# 621
 Delta R.T. 0.020 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

Tgt Ion: 63 Resp: 1011858
 Ion Ratio Lower Upper
 63 100
 98 3.4 1.8 5.3
 100 1.9 1.5 4.4





#25
Ethyl Acetate
Concen: 9.468 ppbv
RT: 5.240 min Scan# 818
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

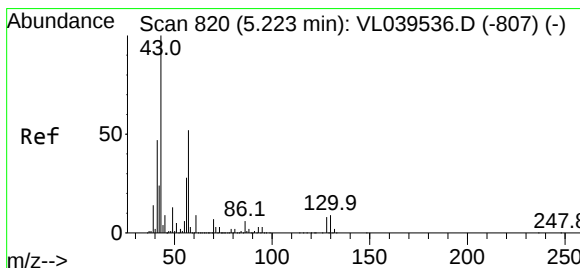
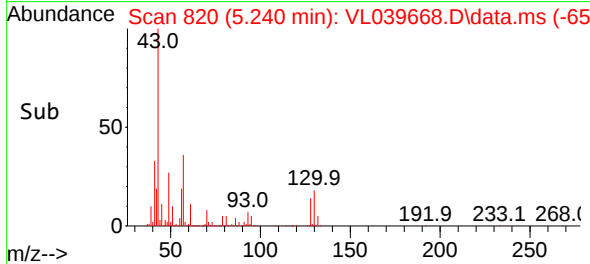
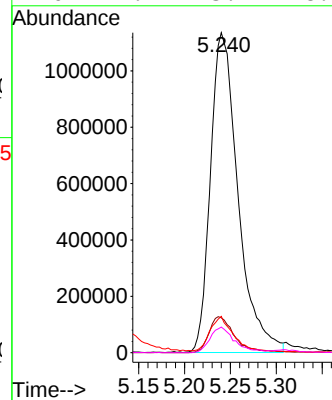
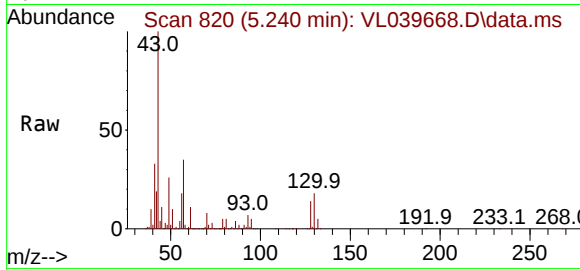
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2374479

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.4
61	10.0	8.3	12.5
70	7.2	5.9	8.9

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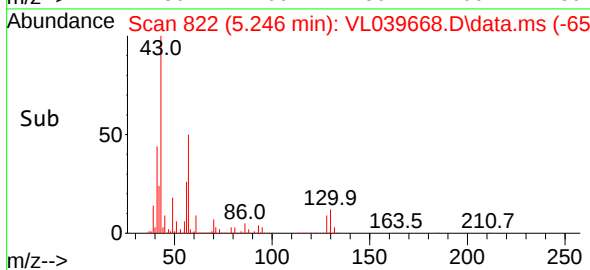
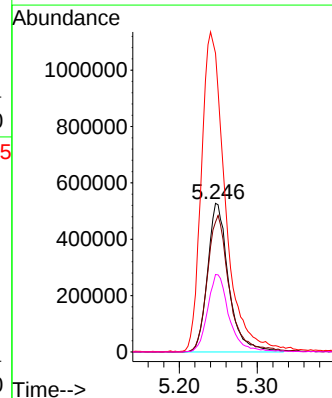
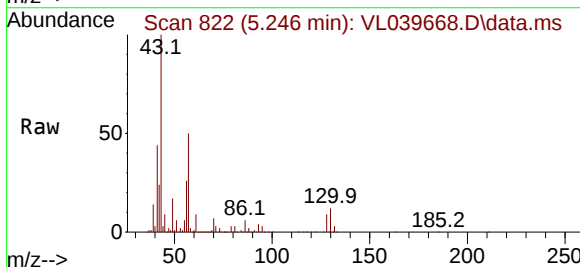
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

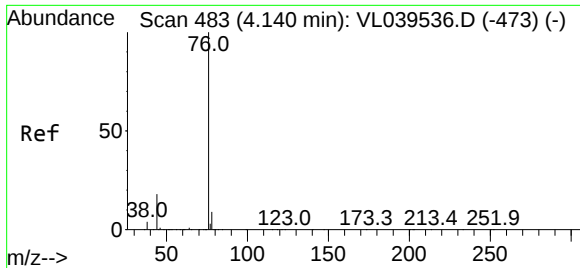


#26
Hexane
Concen: 9.271 ppbv
RT: 5.246 min Scan# 822
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 57 Resp: 986714

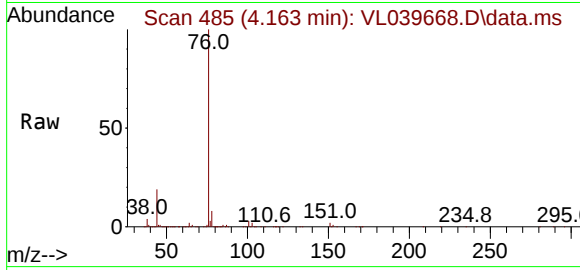
Ion	Ratio	Lower	Upper
57	100		
41	96.5	76.9	115.3
43	246.7	191.0	286.6
56	54.2	43.2	64.8





#27
Carbon Disulfide
Concen: 10.544 ppbv
RT: 4.163 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

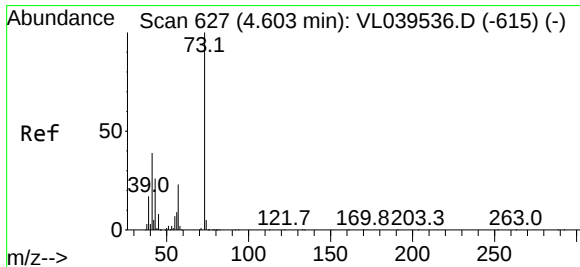
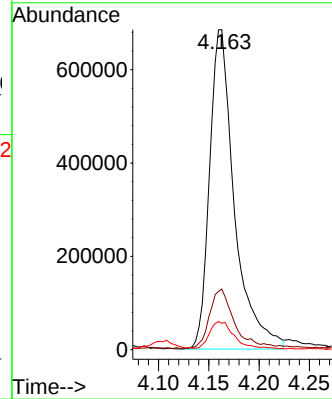
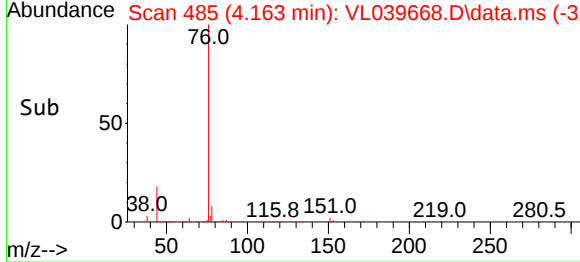
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1179320
Ion Ratio Lower Upper
76 100
44 18.2 14.6 21.8
78 9.4 7.8 11.6

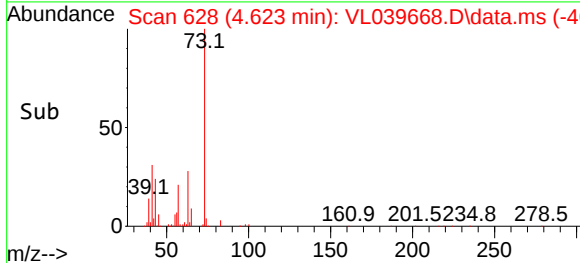
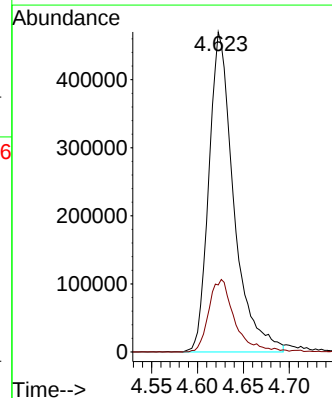
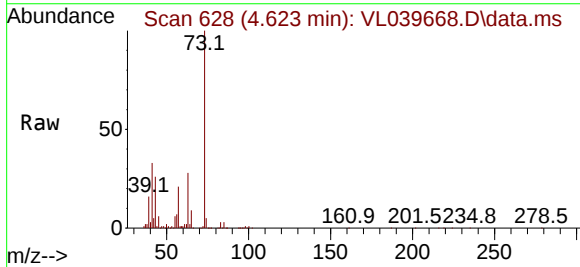
Manual Integrations
APPROVED

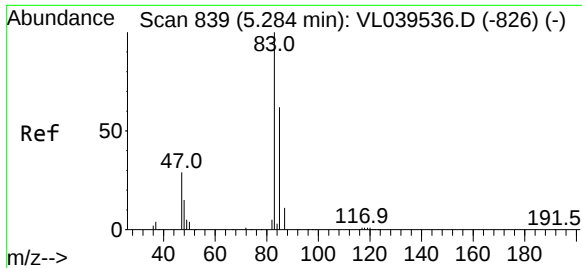
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#28
Methyl tert-Butyl Ether
Concen: 9.931 ppbv
RT: 4.623 min Scan# 628
Delta R.T. 0.020 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

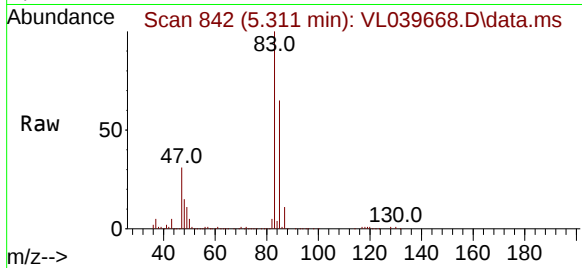
Tgt Ion: 73 Resp: 887907
Ion Ratio Lower Upper
73 100
57 23.9 19.8 29.8





#29
Chloroform
Concen: 9.776 ppbv
RT: 5.311 min Scan# 84
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

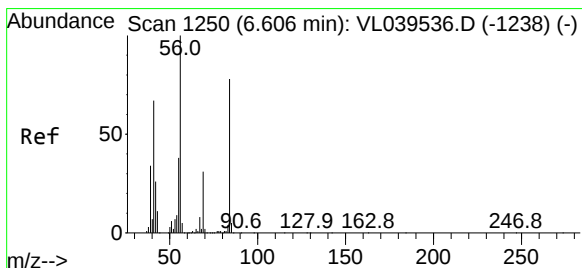
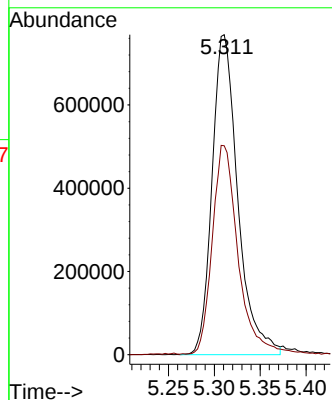
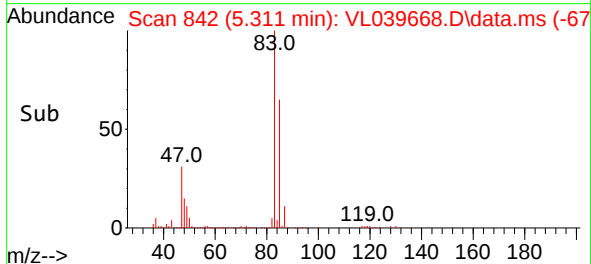
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 150195
Ion Ratio Lower Upper
83 100
85 65.1 52.8 79.2

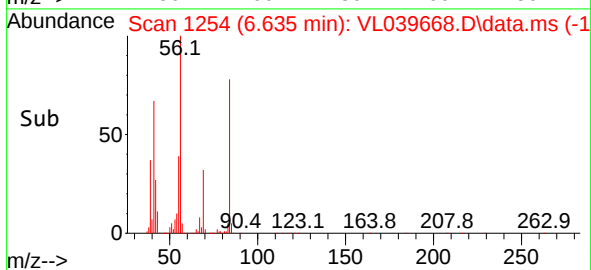
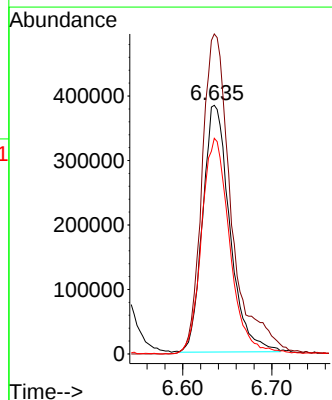
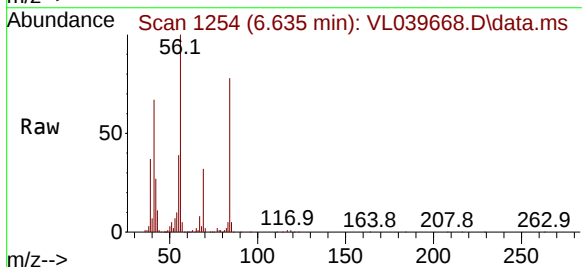
Manual Integrations
APPROVED

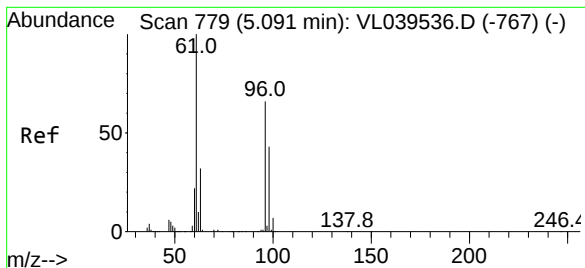
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#30
Cyclohexane
Concen: 9.818 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

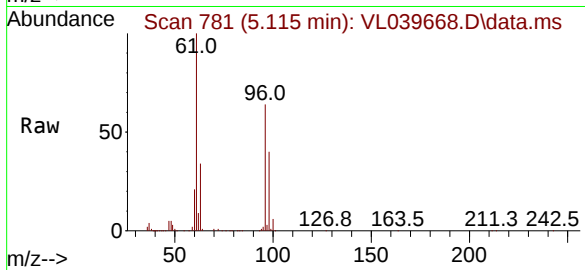
Tgt Ion: 84 Resp: 809118
Ion Ratio Lower Upper
84 100
56 141.5 107.7 161.5
41 91.7 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.873 ppbv
 RT: 5.115 min Scan# 779
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

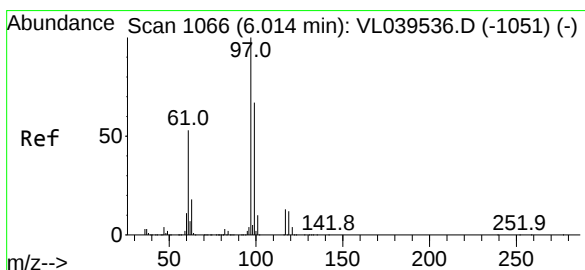
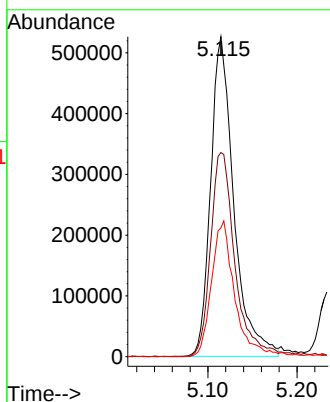
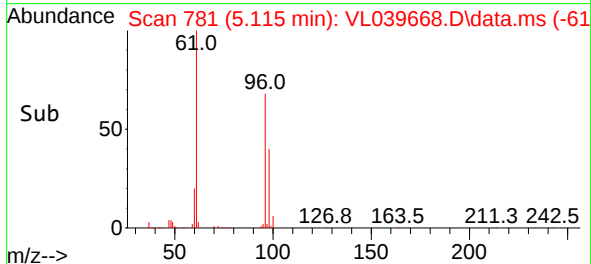
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 950390
 Ion Ratio Lower Upper
 61 100
 96 63.8 54.1 81.1
 98 40.3 34.6 52.0

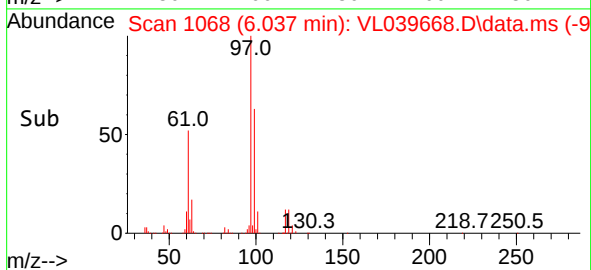
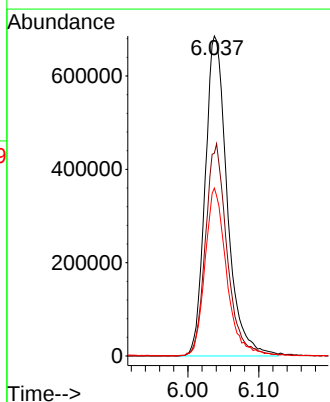
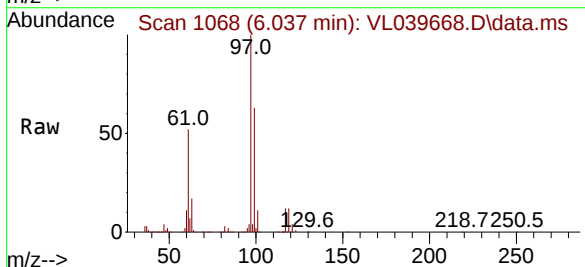
Manual Integrations
 APPROVED

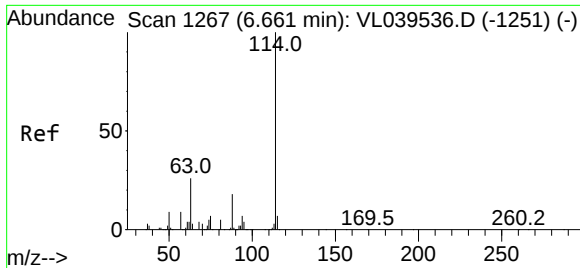
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.666 ppbv
 RT: 6.037 min Scan# 1068
 Delta R.T. 0.023 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

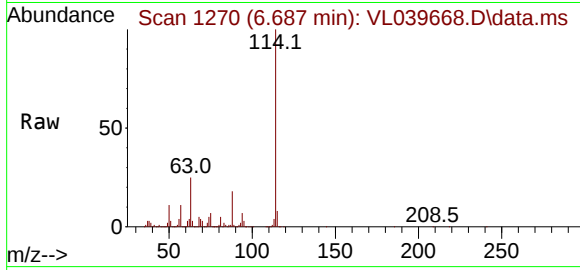
Tgt Ion: 97 Resp: 1483504
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.3 78.5
 61 51.4 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 114
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

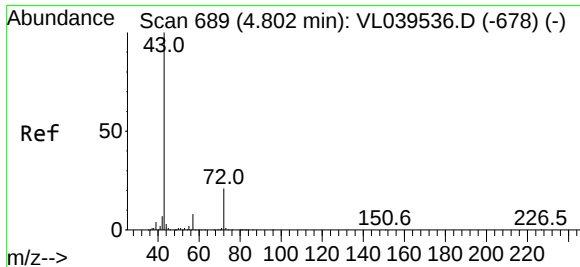
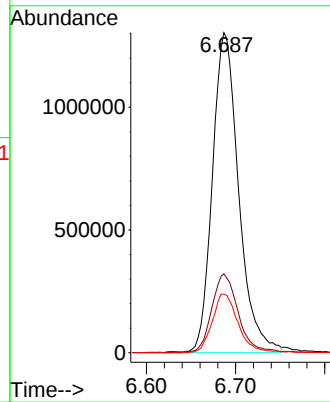
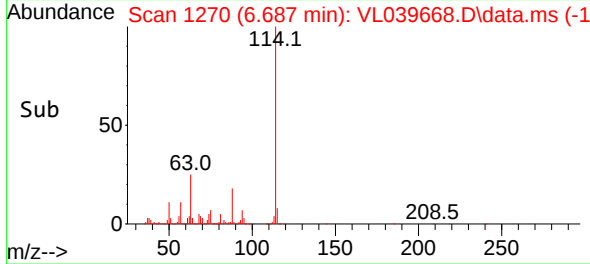
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 2670569
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.2 14.5 21.7

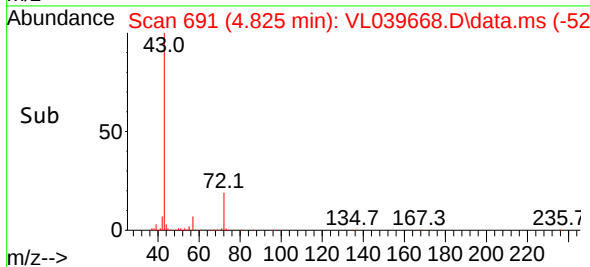
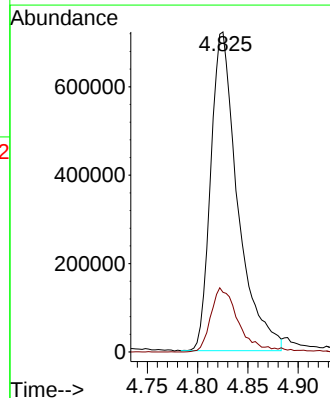
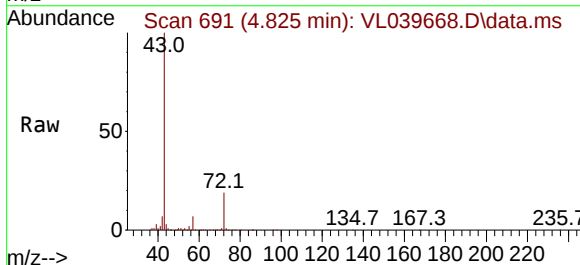
Manual Integrations
APPROVED

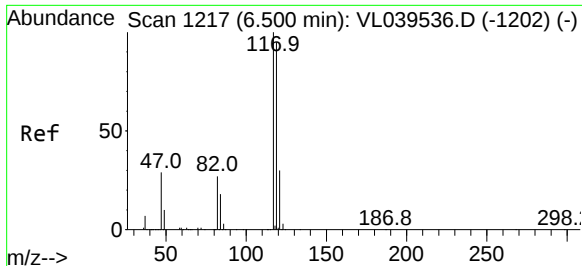
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#34
2-Butanone
Concen: 10.268 ppbv
RT: 4.825 min Scan# 691
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

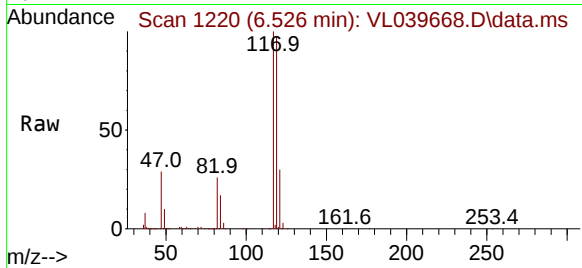
Tgt Ion: 43 Resp: 1346863
Ion Ratio Lower Upper
43 100
72 21.6 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.981 ppbv
RT: 6.526 min Scan# 1182
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

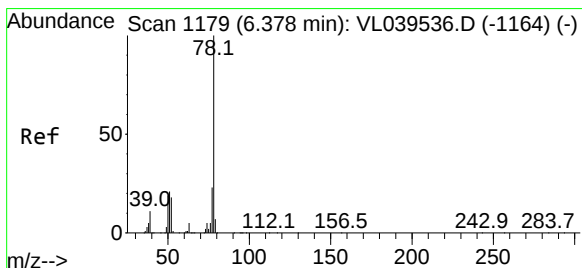
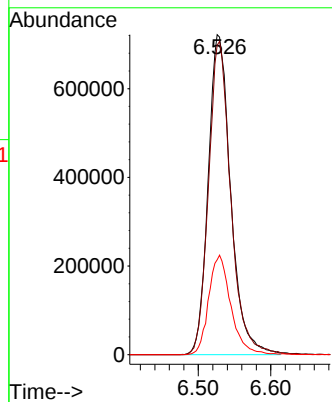
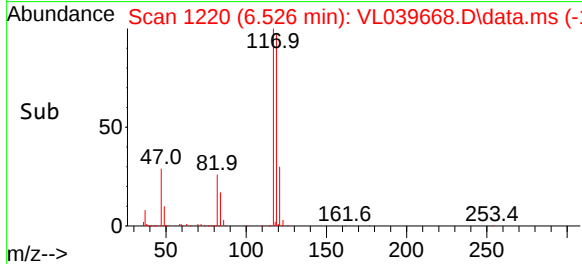
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1556740
Ion Ratio Lower Upper
117 100
119 96.7 75.4 113.2
121 29.7 24.2 36.2

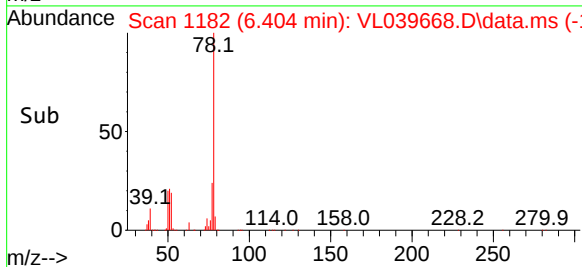
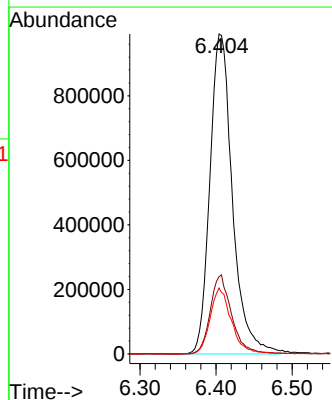
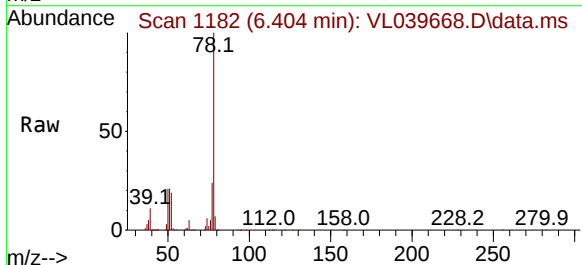
Manual Integrations
APPROVED

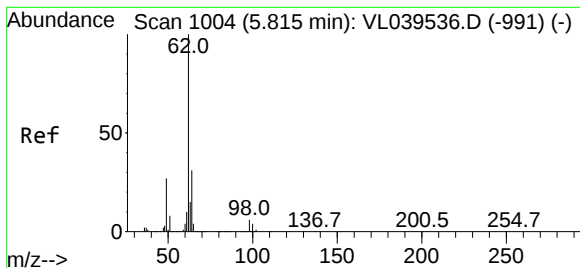
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#36
Benzene
Concen: 9.983 ppbv
RT: 6.404 min Scan# 1182
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 78 Resp: 2038293
Ion Ratio Lower Upper
78 100
77 24.1 20.3 30.5
50 20.6 15.5 23.3





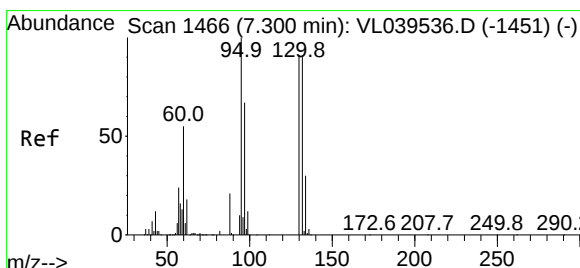
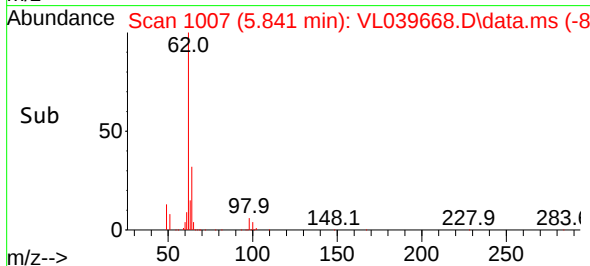
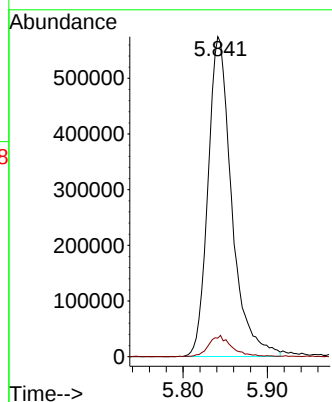
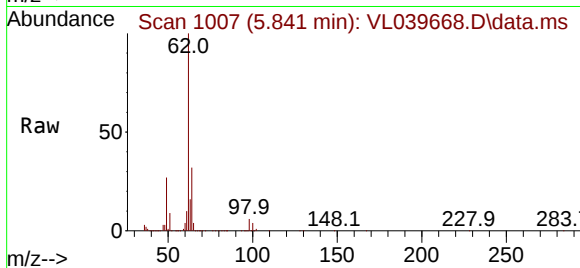
#37
1,2-Dichloroethane
Concen: 10.131 ppbv
RT: 5.841 min Scan# 1007
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1125850
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

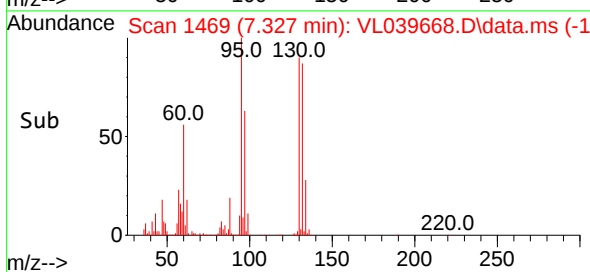
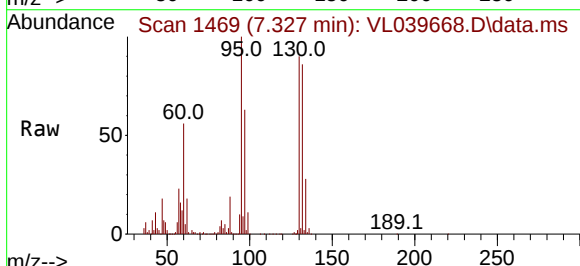
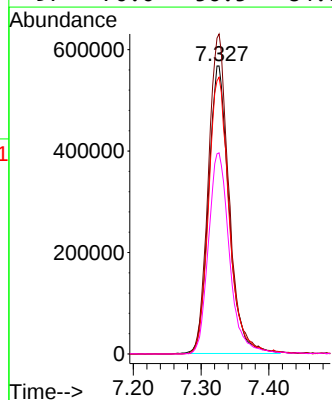
Manual Integrations
APPROVED

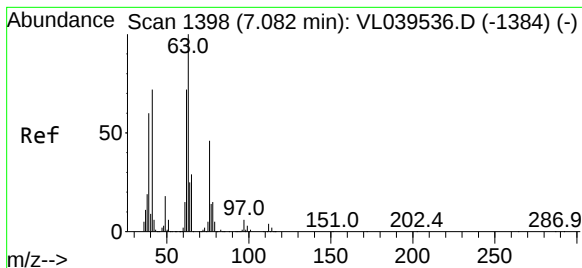
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#38
Trichloroethene
Concen: 10.759 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

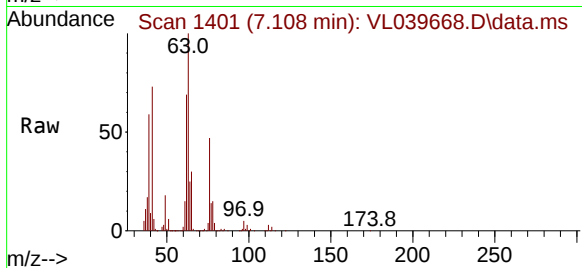
Tgt Ion:130 Resp: 1187224
Ion Ratio Lower Upper
130 100
95 111.3 87.3 130.9
132 96.2 76.7 115.1
97 70.0 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.972 ppbv
RT: 7.108 min Scan# 1401
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

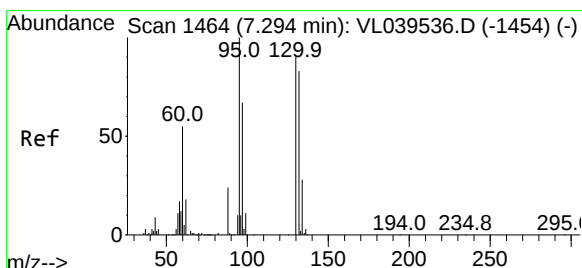
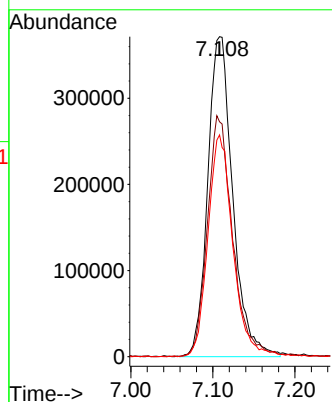
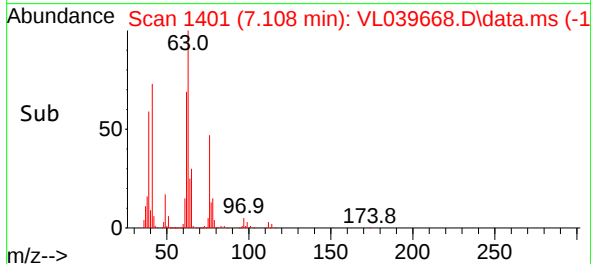
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 786189
Ion Ratio Lower Upper
63 100
41 73.3 59.6 89.4
62 69.1 51.4 77.0

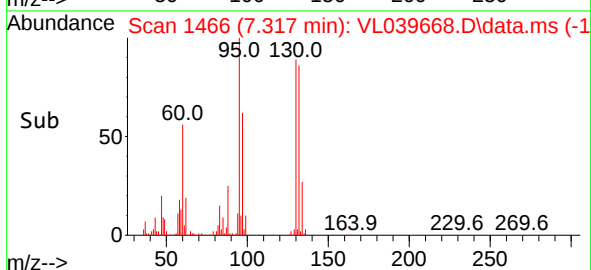
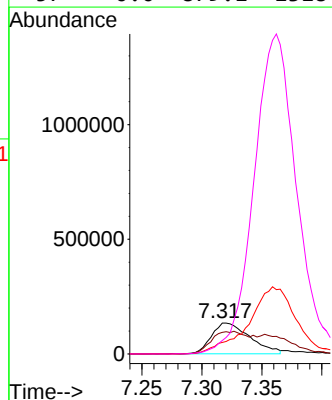
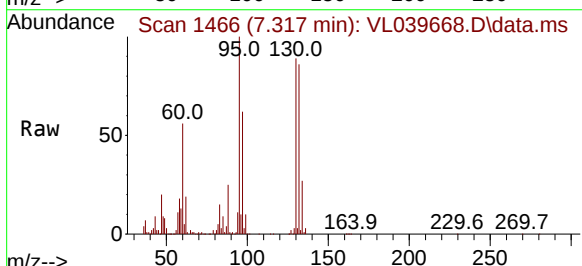
Manual Integrations
APPROVED

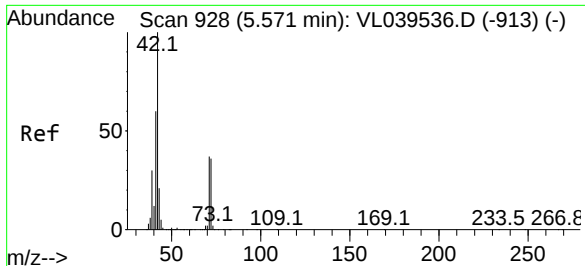
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
1,4-Dioxane
Concen: 9.302 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 88 Resp: 299442
Ion Ratio Lower Upper
88 100
58 131.1 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





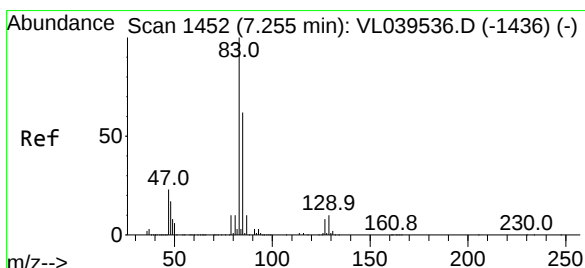
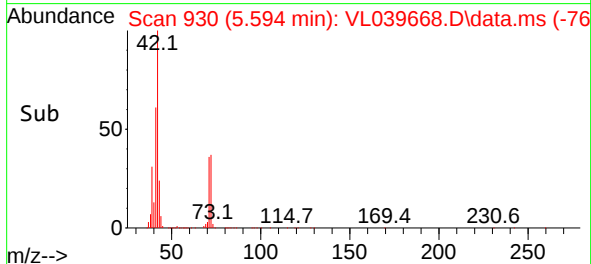
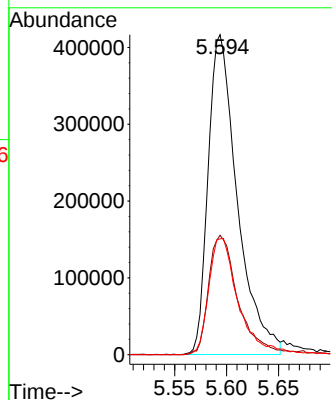
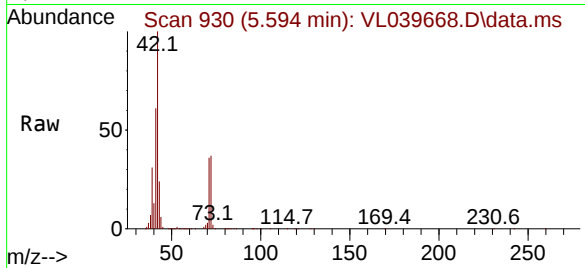
#41
Tetrahydrofuran
Concen: 10.105 ppbv
RT: 5.594 min Scan# 91
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 81320
Ion Ratio Lower Upper
42 100
72 38.6 31.8 47.8
71 37.5 31.8 47.8

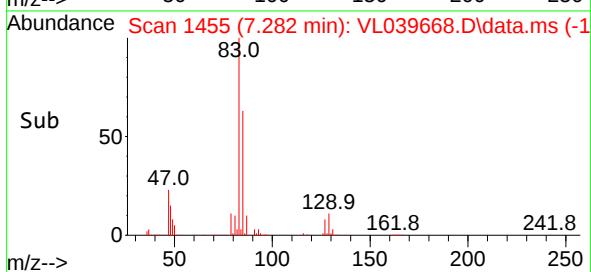
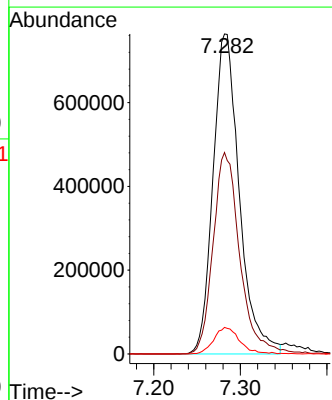
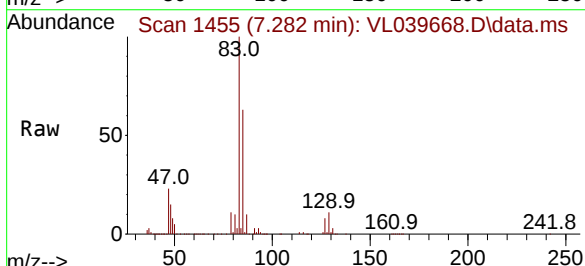
Manual Integrations
APPROVED

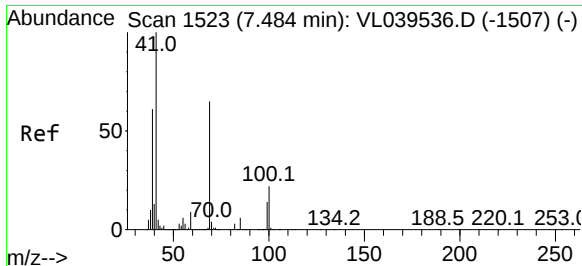
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#42
Bromodichloromethane
Concen: 10.438 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

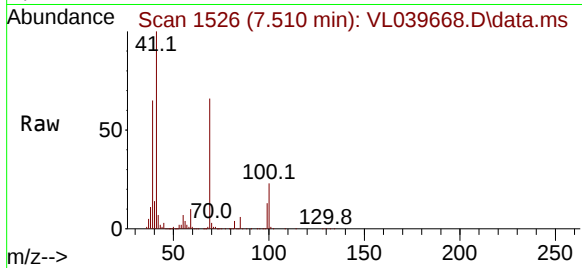
Tgt Ion: 83 Resp: 1613289
Ion Ratio Lower Upper
83 100
85 63.0 50.7 76.1
127 8.3 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.798 ppbv
RT: 7.510 min Scan# 1480
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

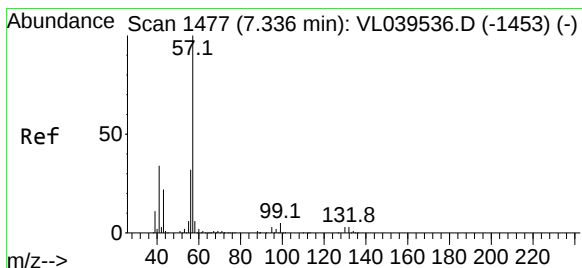
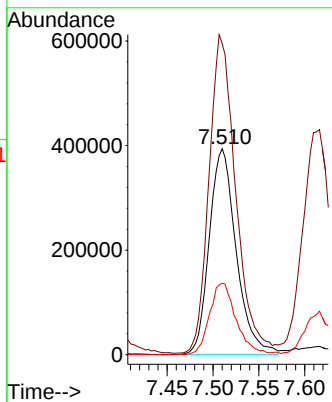
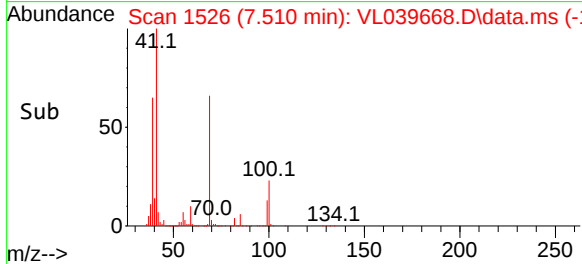
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 803652
Ion Ratio Lower Upper
69 100
41 155.0 120.8 181.2
100 34.2 27.8 41.6

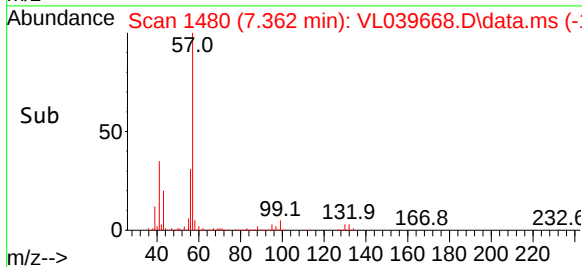
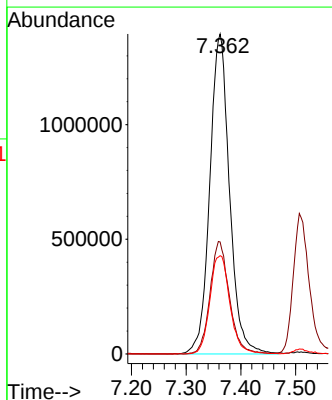
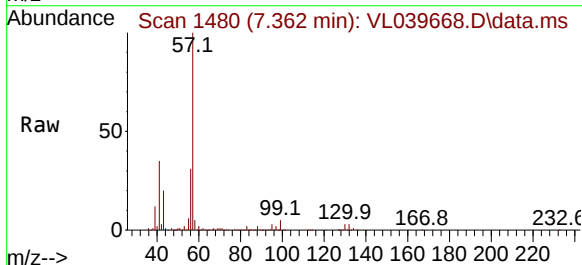
Manual Integrations
APPROVED

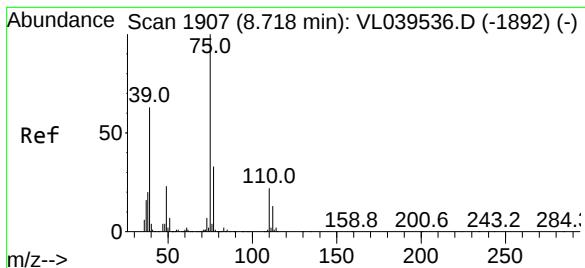
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.901 ppbv
RT: 7.362 min Scan# 1480
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 57 Resp: 3484146
Ion Ratio Lower Upper
57 100
41 34.4 27.4 41.2
56 31.4 24.5 36.7





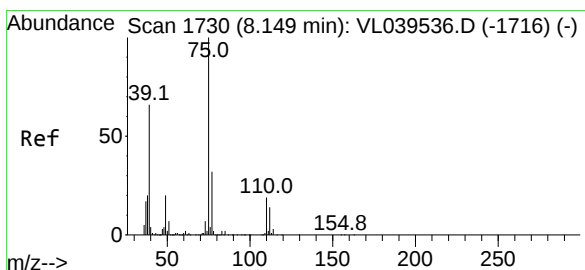
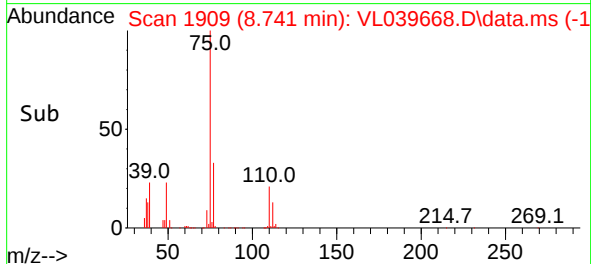
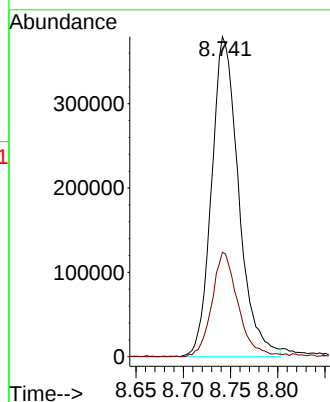
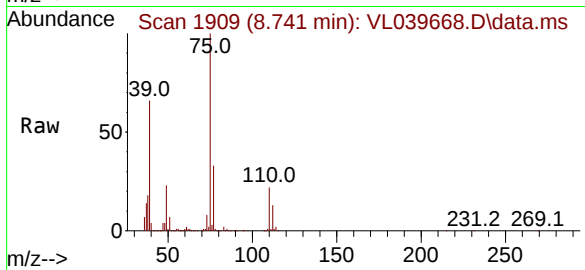
#45
t-1,3-Dichloropropene
Concen: 12.018 ppbv
RT: 8.741 min Scan# 1907
Delta R.T. 0.023 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 75588
Ion Ratio Lower Upper
75 100
77 32.6 24.6 36.8

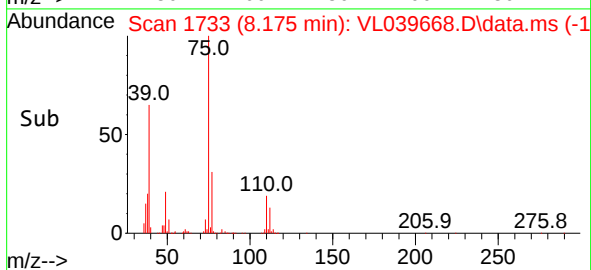
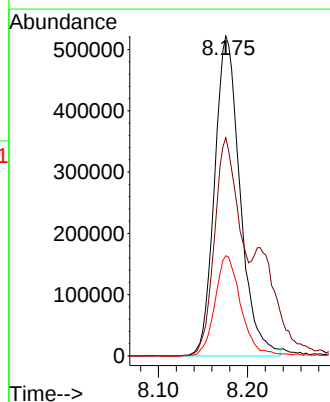
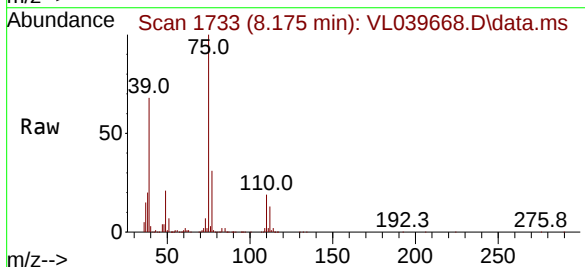
Manual Integrations
APPROVED

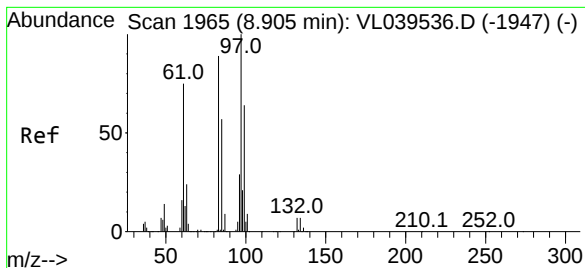
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#46
cis-1,3-Dichloropropene
Concen: 11.611 ppbv
RT: 8.175 min Scan# 1733
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

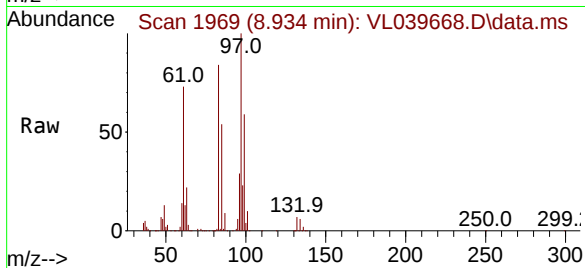
Tgt Ion: 75 Resp: 1039566
Ion Ratio Lower Upper
75 100
39 68.2 55.0 82.4
77 31.3 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.660 ppbv
RT: 8.934 min Scan# 1965
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

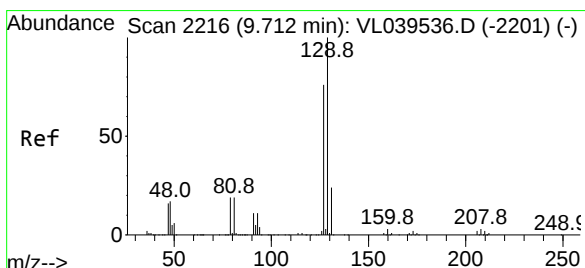
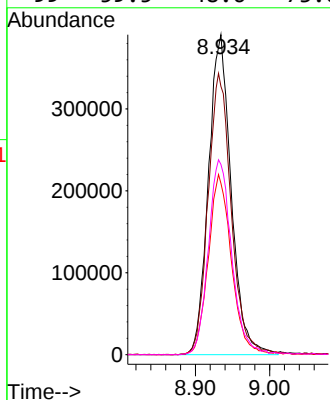
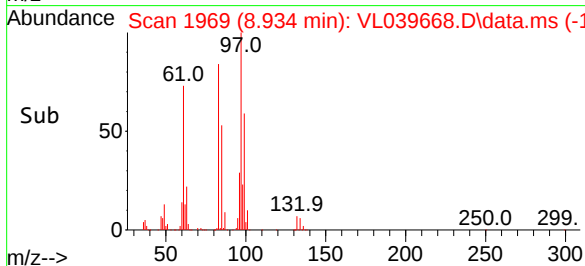
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



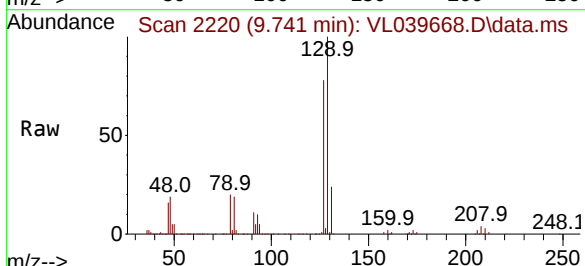
Tgt Ion: 97 Resp: 832462
Ion Ratio Lower Upper
97 100
83 83.9 67.4 101.0
85 53.5 45.1 67.7
99 59.5 48.6 73.0

Manual Integrations
APPROVED

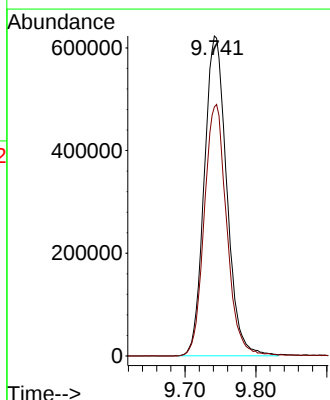
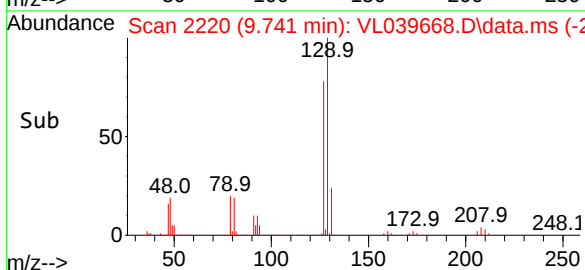
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

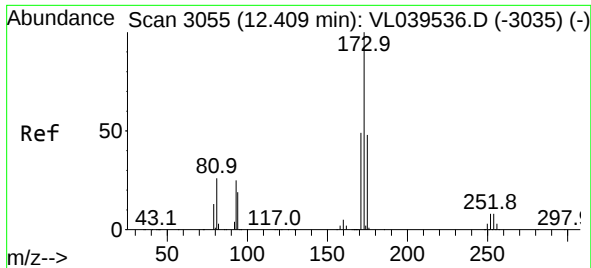


#48
Dibromochloromethane
Concen: 10.558 ppbv
RT: 9.741 min Scan# 2220
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34



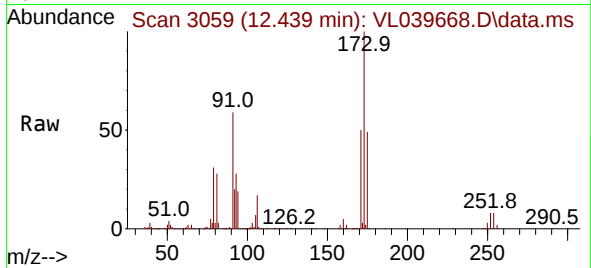
Tgt Ion:129 Resp: 1370110
Ion Ratio Lower Upper
129 100
127 79.3 39.3 117.9





#49
Bromoform
Concen: 10.283 ppbv
RT: 12.439 min Scan# 3055
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

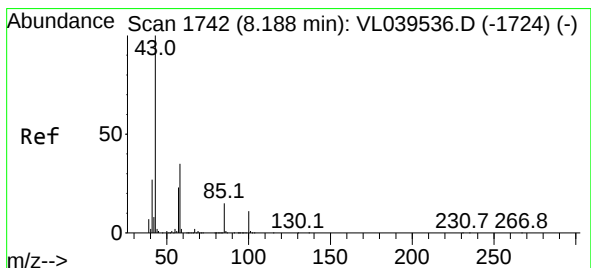
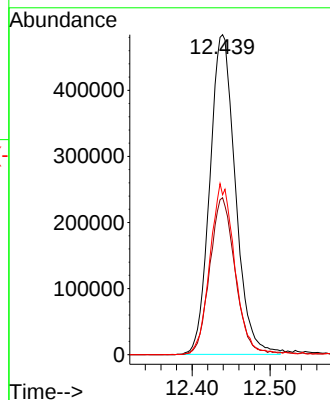
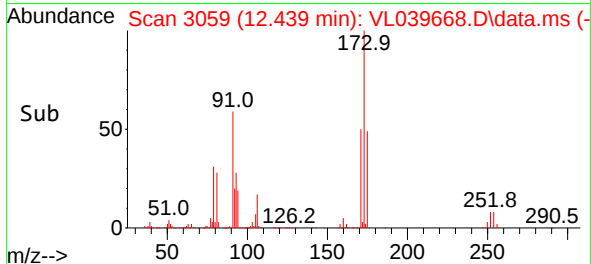
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1103704
Ion Ratio Lower Upper
173 100
175 49.4 40.3 60.5
171 52.7 42.9 64.3

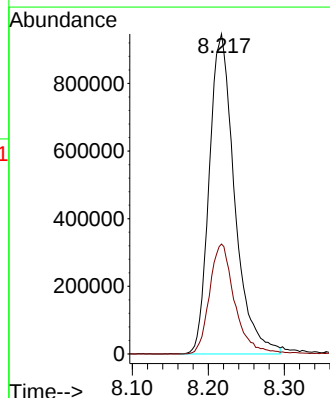
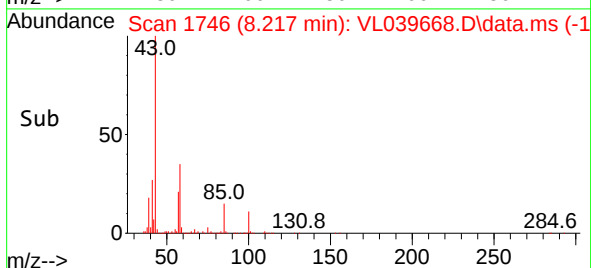
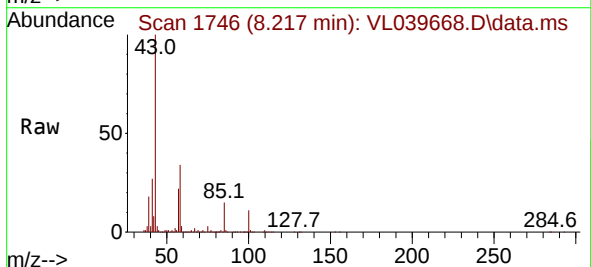
Manual Integrations
APPROVED

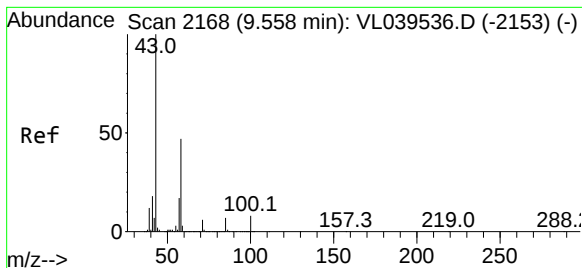
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#50
4-Methyl-2-Pentanone
Concen: 10.643 ppbv
RT: 8.217 min Scan# 1746
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

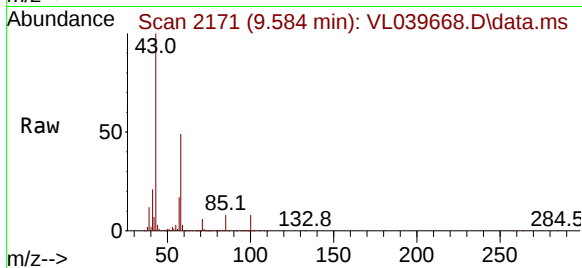
Tgt Ion: 43 Resp: 2193726
Ion Ratio Lower Upper
43 100
58 34.3 28.8 43.2





#51
2-Hexanone
Concen: 11.083 ppbv
RT: 9.584 min Scan# 2168
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

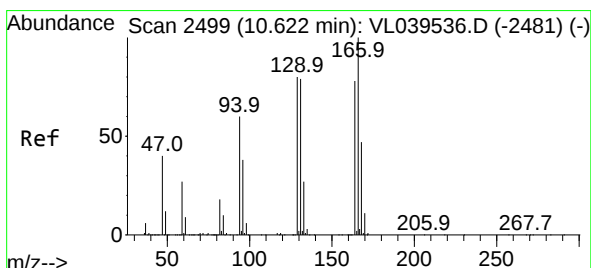
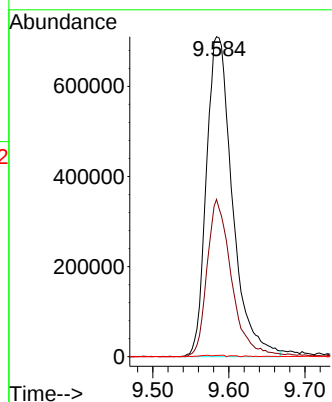
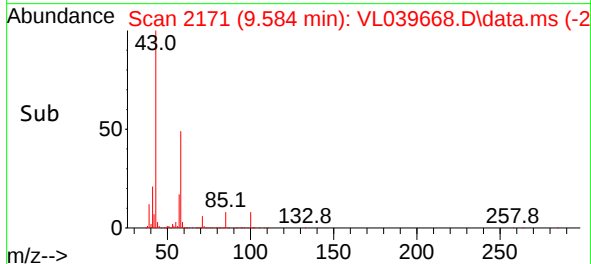
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



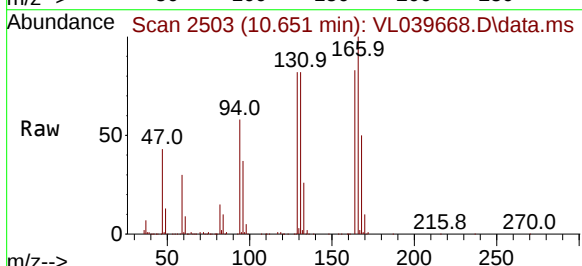
Tgt Ion: 43 Resp: 1691070
Ion Ratio Lower Upper
43 100
58 47.2 38.4 57.6
98 0.6 0.3 0.5

Manual Integrations
APPROVED

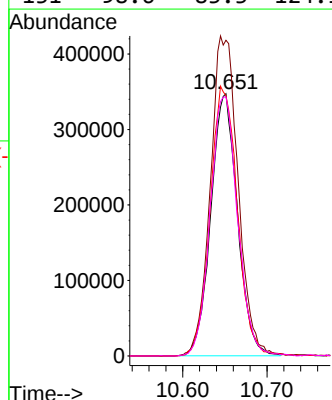
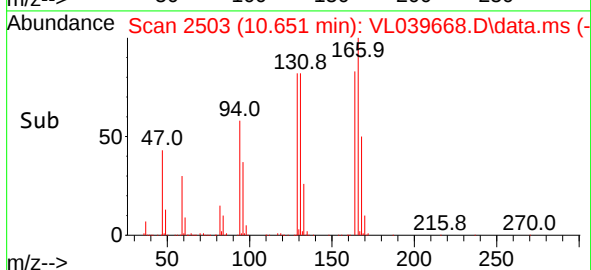
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

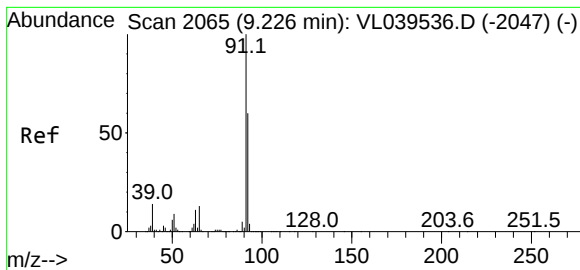


#52
Tetrachloroethene
Concen: 9.750 ppbv
RT: 10.651 min Scan# 2503
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34



Tgt Ion:164 Resp: 759456
Ion Ratio Lower Upper
164 100
166 120.1 102.2 153.2
129 99.1 85.8 128.8
131 98.6 83.3 124.9





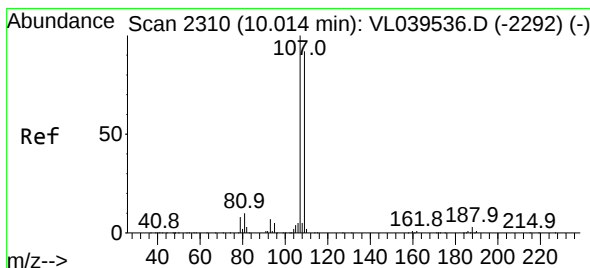
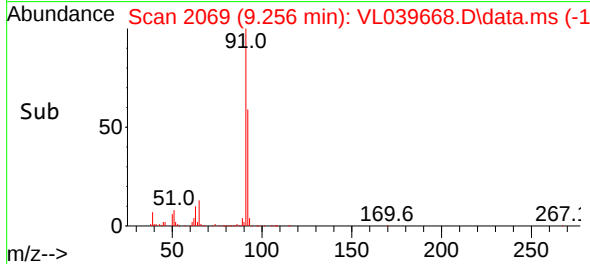
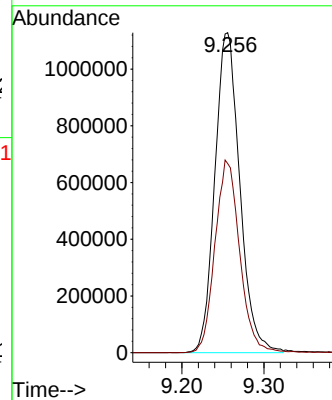
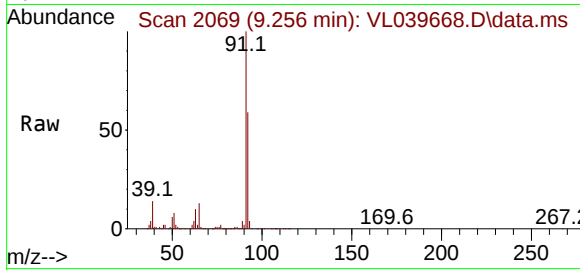
#53
Toluene
Concen: 10.521 ppbv
RT: 9.256 min Scan# 2065
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 238903
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.2

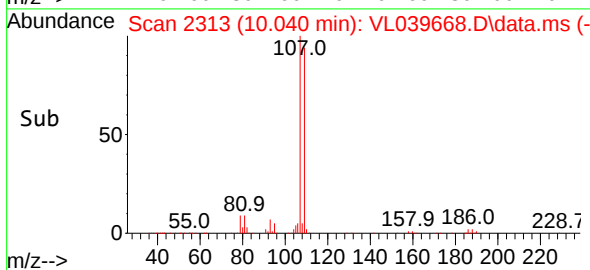
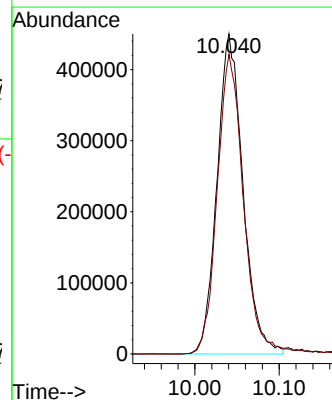
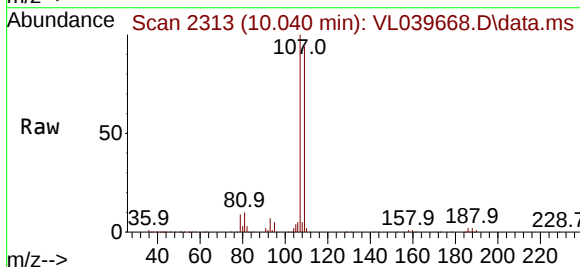
Manual Integrations
APPROVED

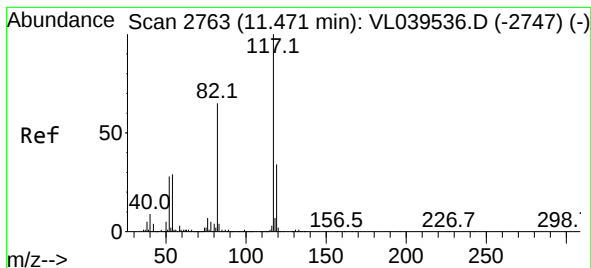
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#54
1,2-Dibromoethane
Concen: 10.433 ppbv
RT: 10.040 min Scan# 2313
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion:107 Resp: 961853
Ion Ratio Lower Upper
107 100
109 93.7 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.497 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL039668.D

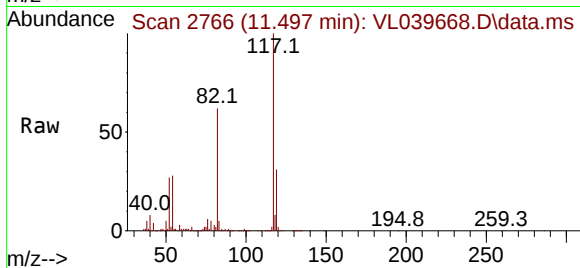
Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:117 Resp: 265921

Ion Ratio Lower Upper

117 100

82 61.1 50.8 76.2

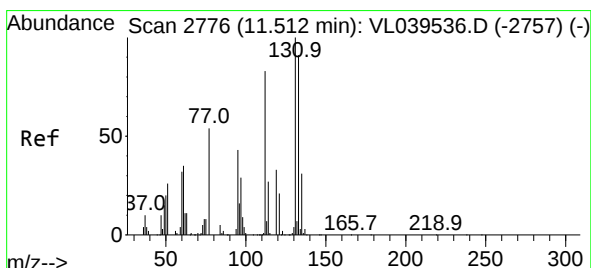
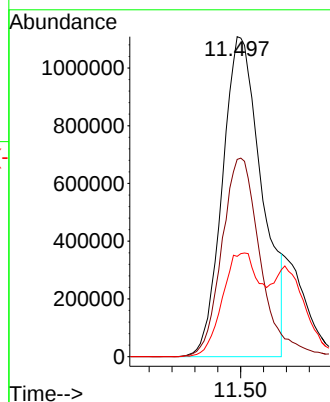
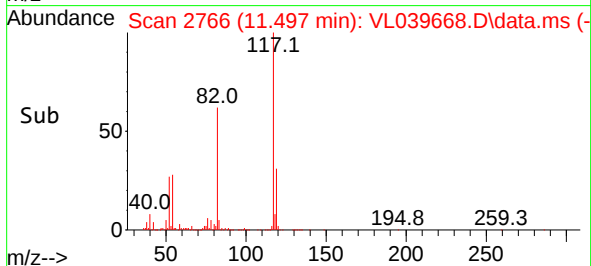
119 32.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.430 ppbv

RT: 11.542 min Scan# 2780

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

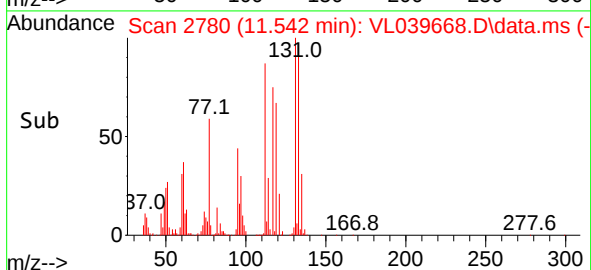
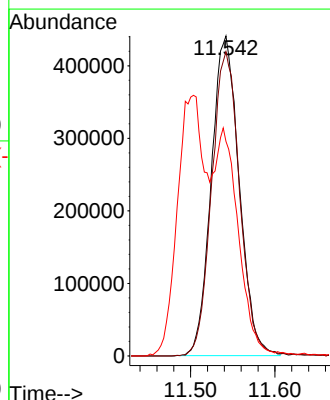
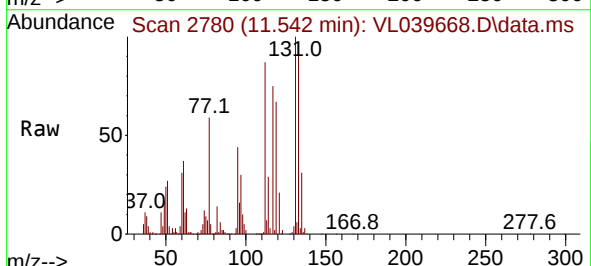
Tgt Ion:131 Resp: 1013397

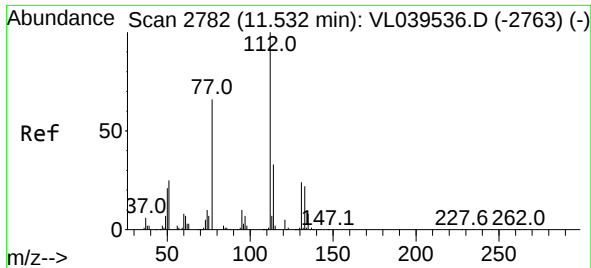
Ion Ratio Lower Upper

131 100

133 96.3 76.8 115.2

119 66.9 46.2 69.4





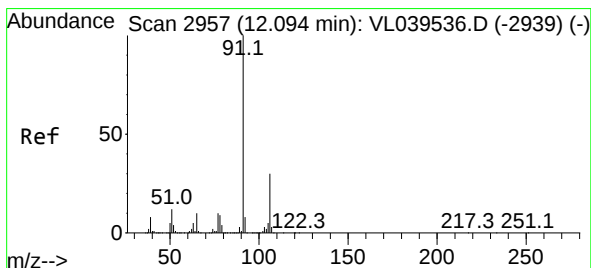
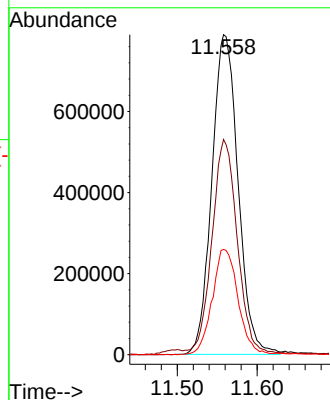
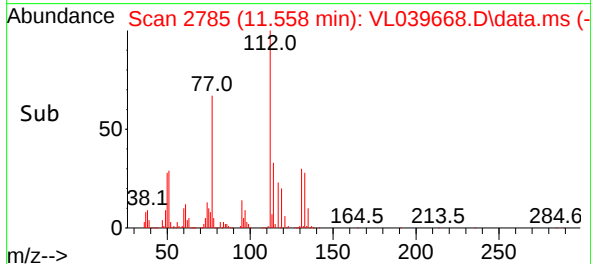
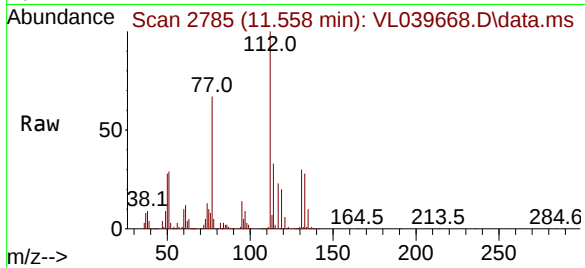
#57
Chlorobenzene
Concen: 9.173 ppbv
RT: 11.558 min Scan# 211
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 112 Resp: 179383
Ion Ratio Lower Upper
112 100
77 66.5 51.0 76.4
114 32.8 27.5 33.6

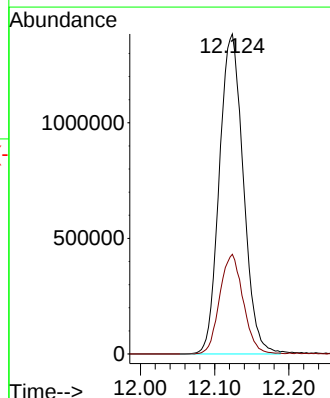
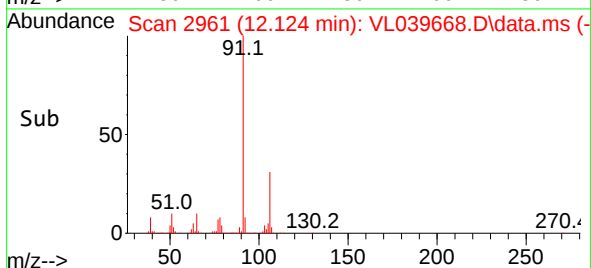
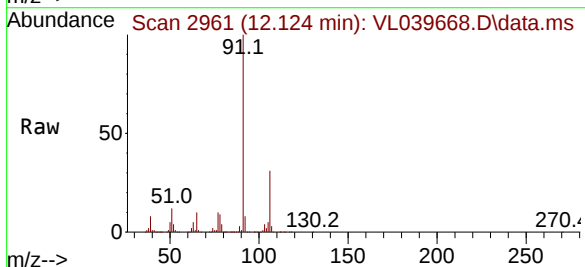
Manual Integrations
APPROVED

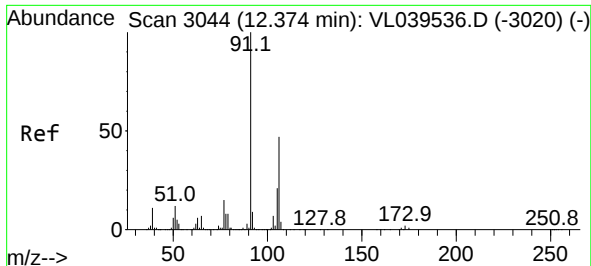
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#58
Ethyl Benzene
Concen: 10.125 ppbv
RT: 12.124 min Scan# 2961
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Tgt Ion: 91 Resp: 3104488
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0





#59

m/p-Xylene

Concen: 19.178 ppbv m

RT: 12.404 min Scan# 3048

Delta R.T. 0.029 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 5232930

Ion Ratio Lower Upper

91 100

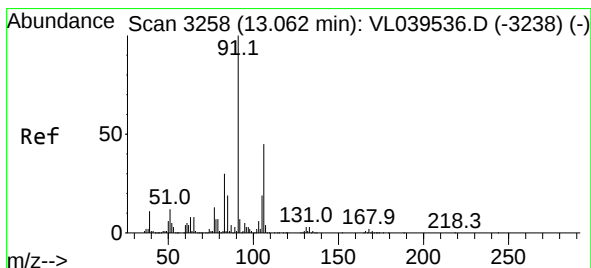
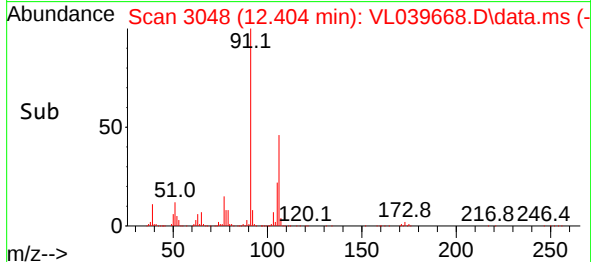
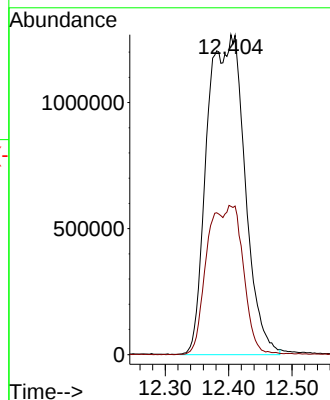
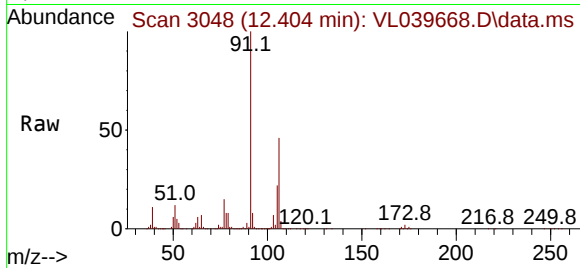
106 45.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#60

o-Xylene

Concen: 9.627 ppbv

RT: 13.092 min Scan# 3262

Delta R.T. 0.030 min

Lab File: VL039668.D

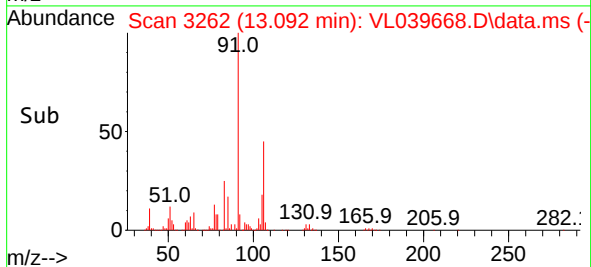
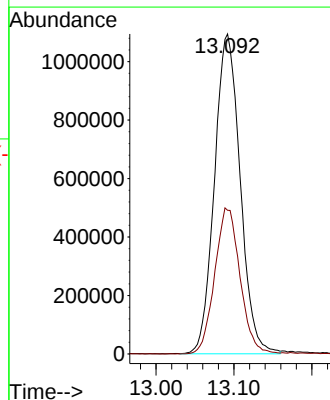
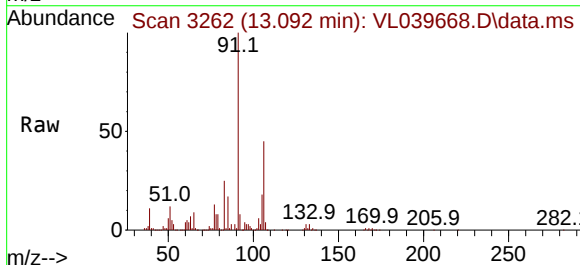
Acq: 22 Sep 2022 15:34

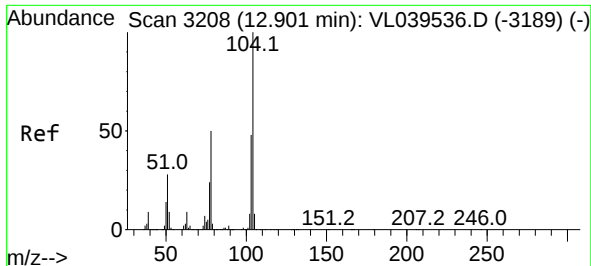
Tgt Ion: 91 Resp: 2508590

Ion Ratio Lower Upper

91 100

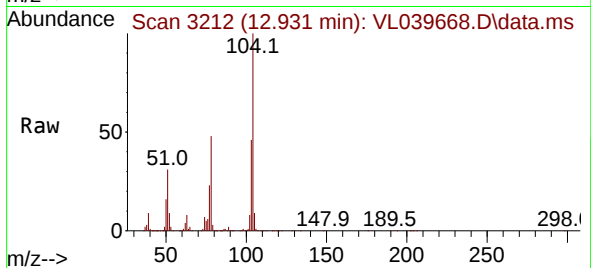
106 45.2 22.4 67.3





#61
Styrene
Concen: 10.462 ppbv
RT: 12.931 min Scan# 3189
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

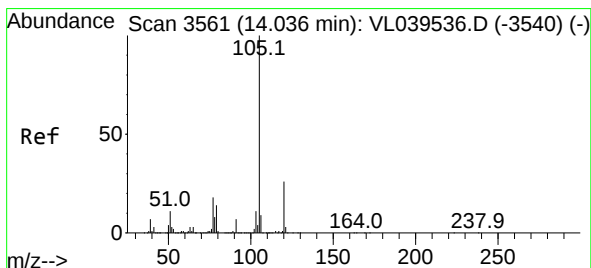
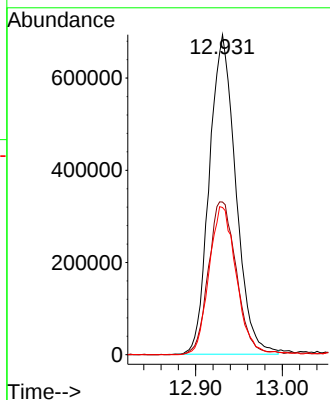
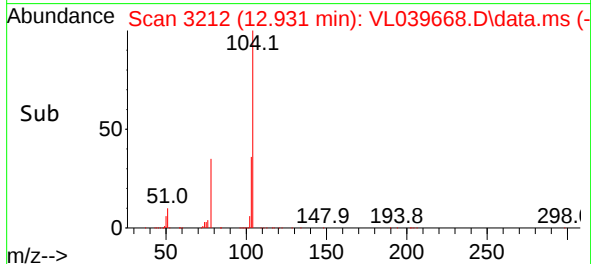
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



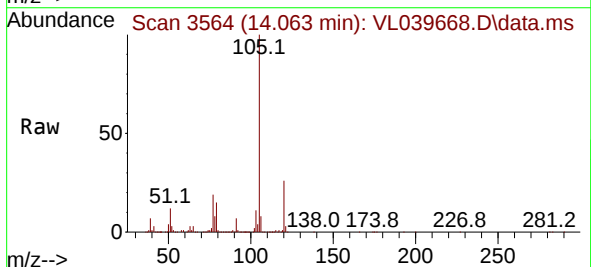
Tgt Ion:104 Resp: 146816
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 48.3 38.7 58.1

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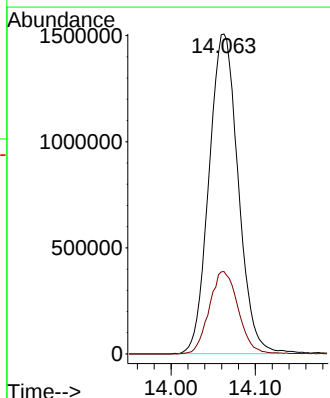
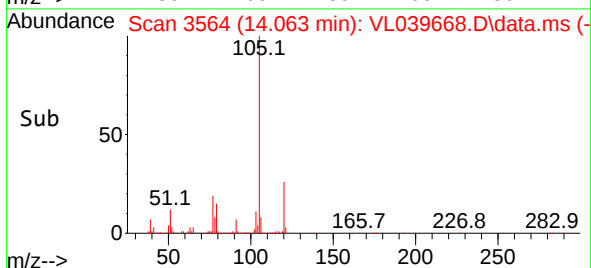
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

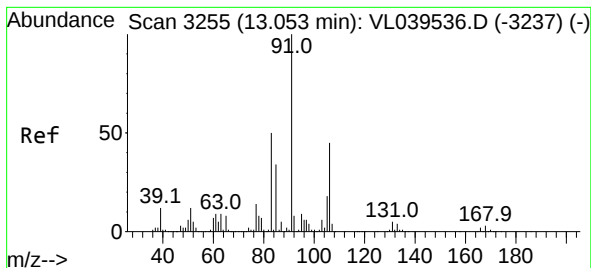


#62
Isopropylbenzene
Concen: 9.220 ppbv
RT: 14.063 min Scan# 3564
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34



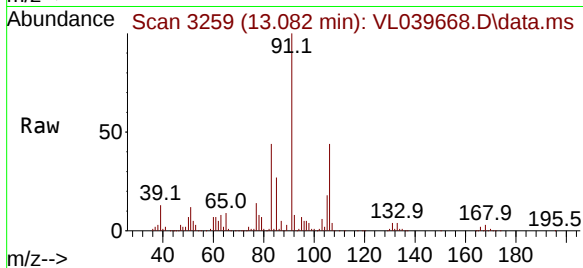
Tgt Ion:105 Resp: 3615207
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.131 ppbv
RT: 13.082 min Scan# 31
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

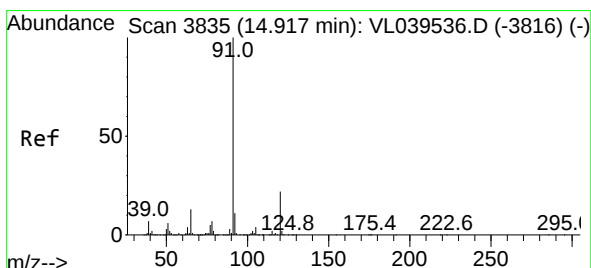
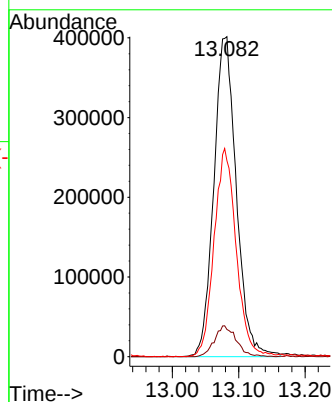
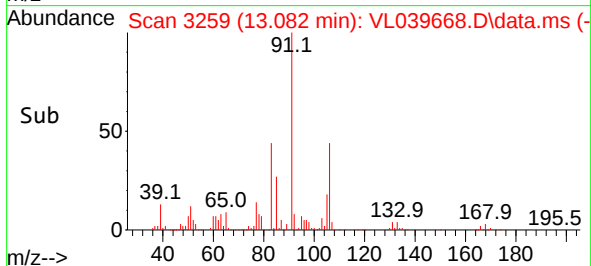
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



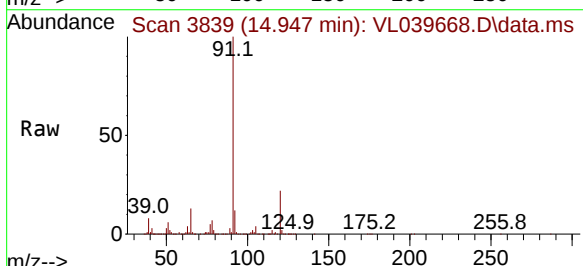
Tgt Ion: 83 Resp: 94905
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 64.8 33.1 99.5

Manual Integrations
APPROVED

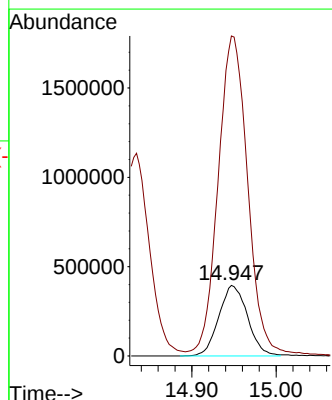
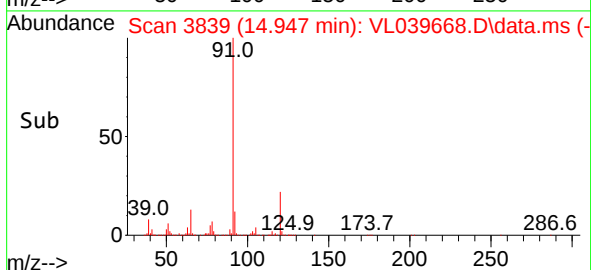
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

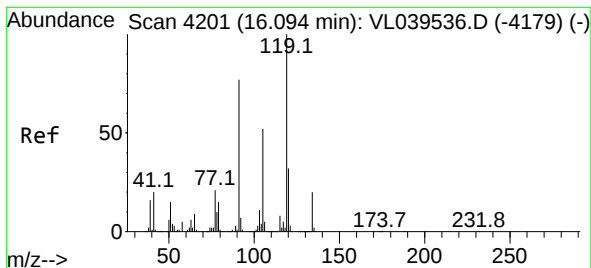


#64
n-propylbenzene
Concen: 9.313 ppbv
RT: 14.947 min Scan# 3839
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34



Tgt Ion:120 Resp: 935096
Ion Ratio Lower Upper
120 100
91 469.2 367.2 550.8





#65

tert-Butylbenzene

Concen: 9.186 ppbv

RT: 16.124 min Scan# 41

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 318203

Ion Ratio Lower Upper

119 100

91 79.5 63.4 95.2

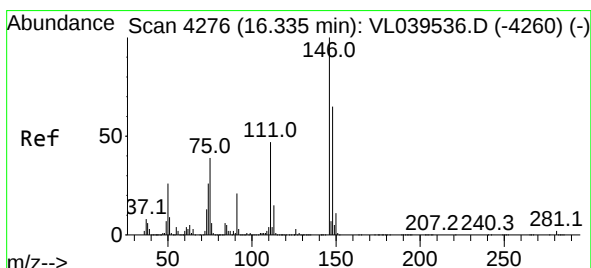
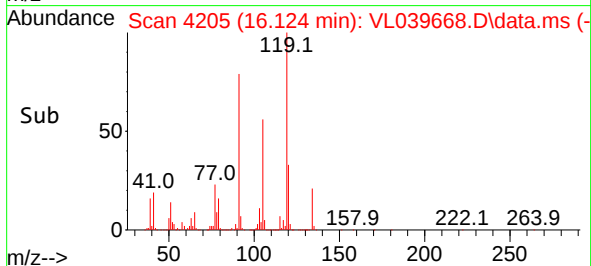
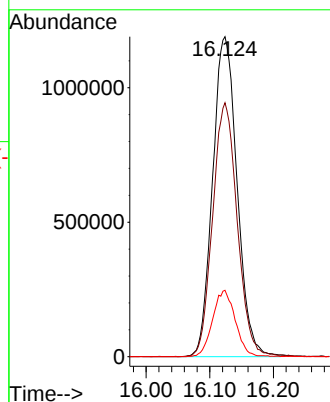
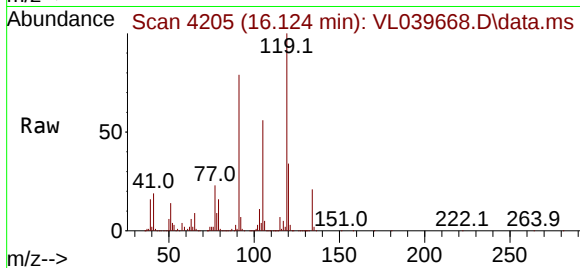
134 19.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#66

Benzyl Chloride

Concen: 8.960 ppbv

RT: 16.358 min Scan# 4278

Delta R.T. 0.023 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

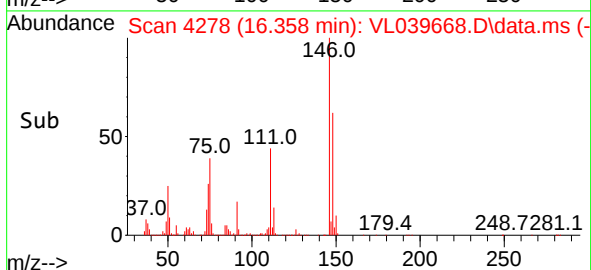
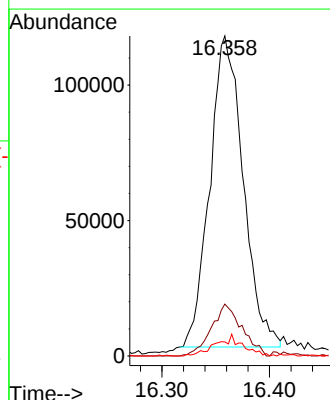
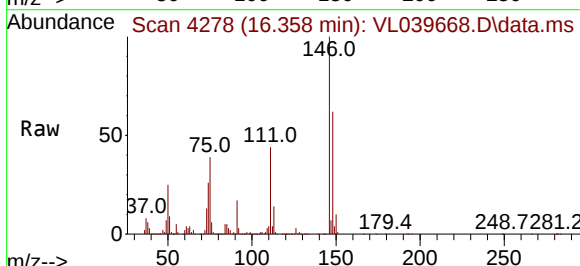
Tgt Ion: 91 Resp: 247134

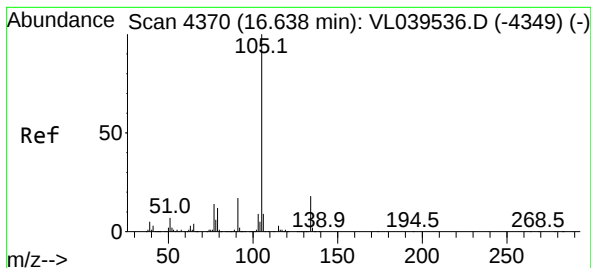
Ion Ratio Lower Upper

91 100

126 16.0 13.1 19.7

128 5.6 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.106 ppbv

RT: 16.670 min Scan# 41

Delta R.T. 0.033 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 442431

Ion Ratio Lower Upper

105 100

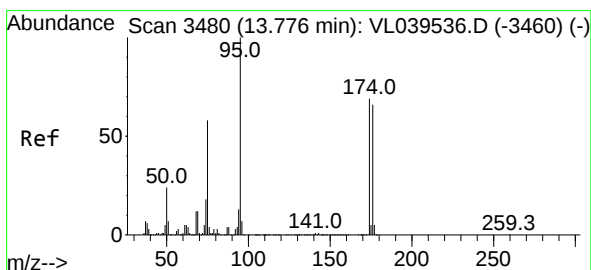
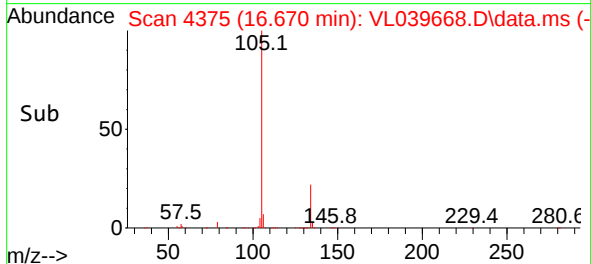
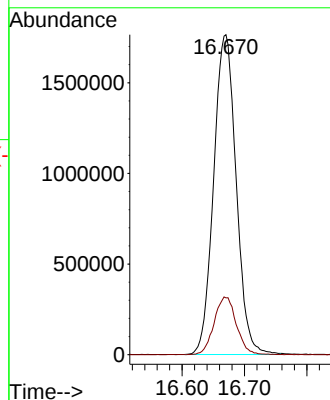
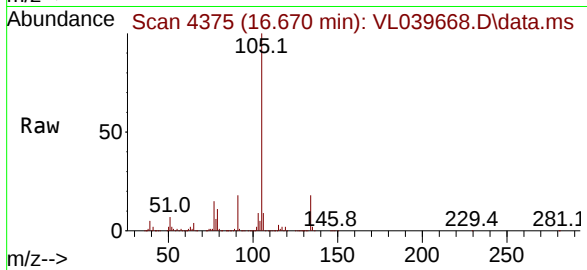
134 17.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.049 ppbv

RT: 13.806 min Scan# 3484

Delta R.T. 0.030 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

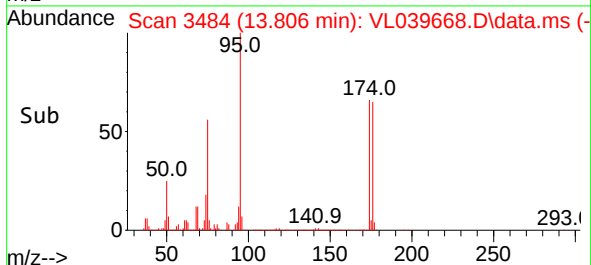
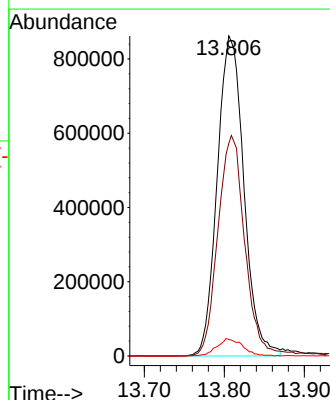
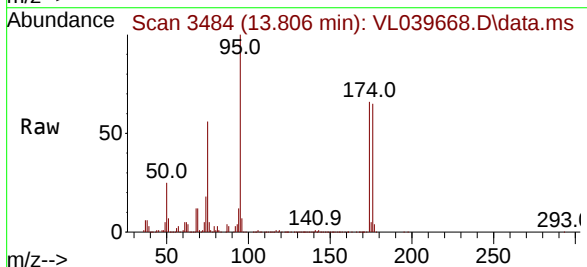
Tgt Ion: 95 Resp: 1994919

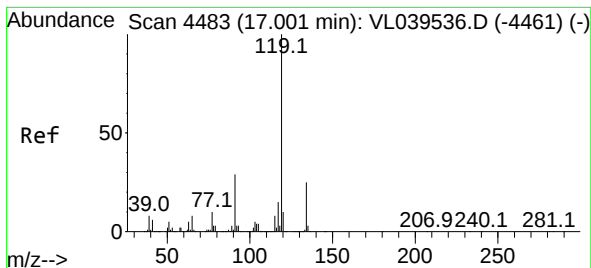
Ion Ratio Lower Upper

95 100

174 70.5 55.9 83.9

175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.252 ppbv

RT: 17.027 min Scan# 44

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3694004

Ion Ratio Lower Upper

119 100

134 24.9 20.3 30.5

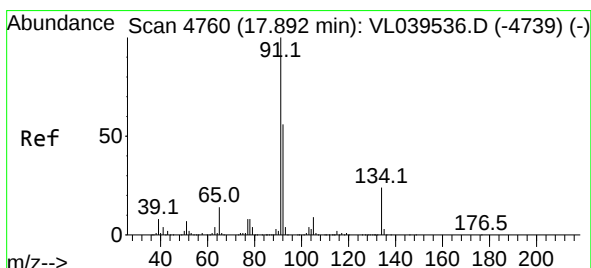
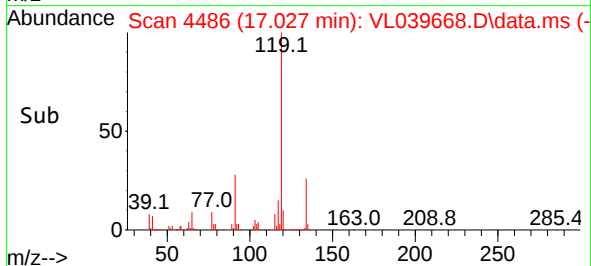
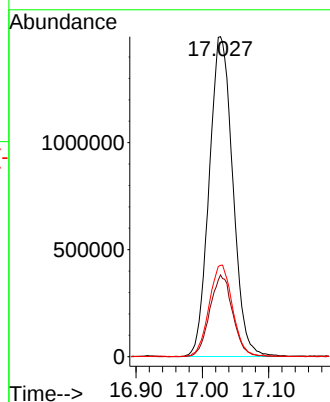
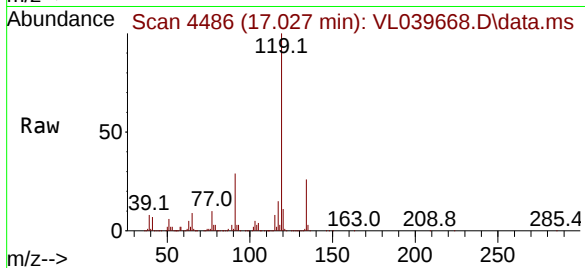
91 28.6 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#70

n-Butylbenzene

Concen: 9.410 ppbv

RT: 17.918 min Scan# 4763

Delta R.T. 0.026 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

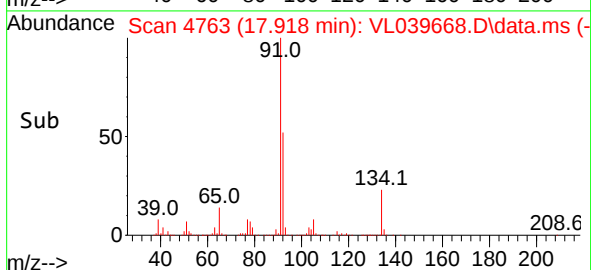
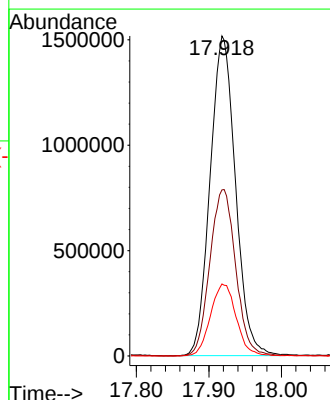
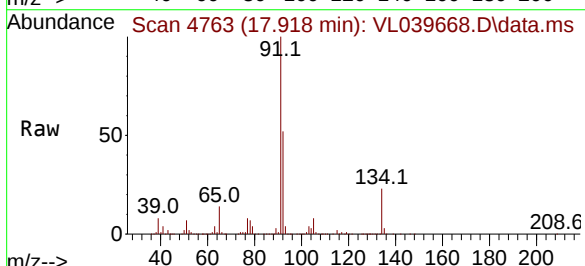
Tgt Ion: 91 Resp: 3683047

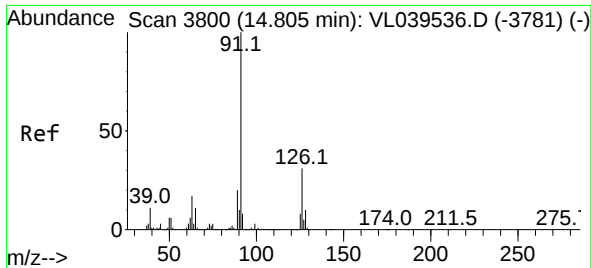
Ion Ratio Lower Upper

91 100

92 53.4 43.4 65.2

134 23.0 18.9 28.3





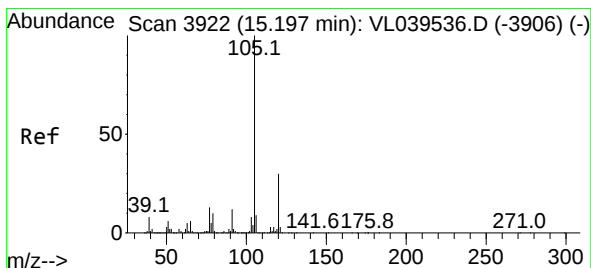
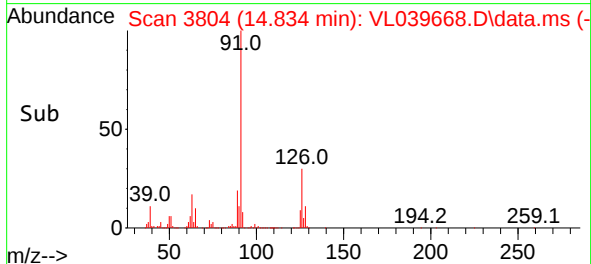
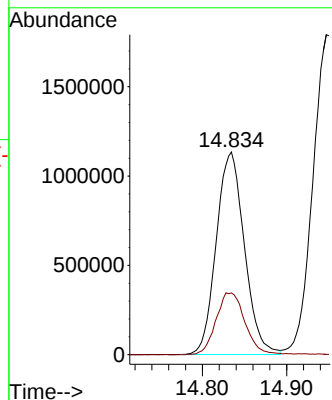
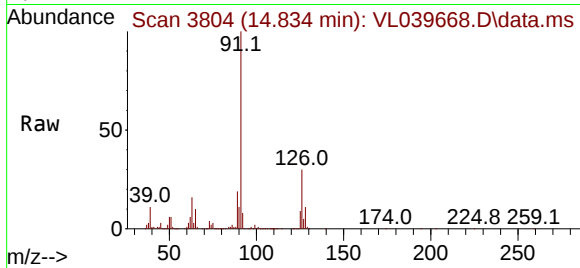
#71
2-Chlorotoluene
Concen: 9.285 ppbv
RT: 14.834 min Scan# 3804
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2628530
Ion Ratio Lower Upper
91 100
126 31.8 13.0 51.8

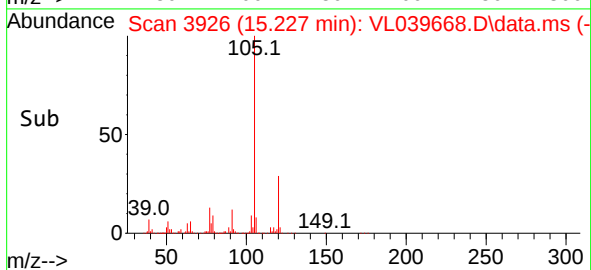
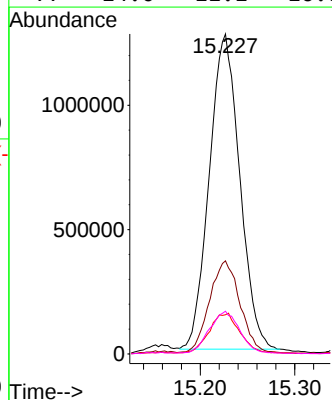
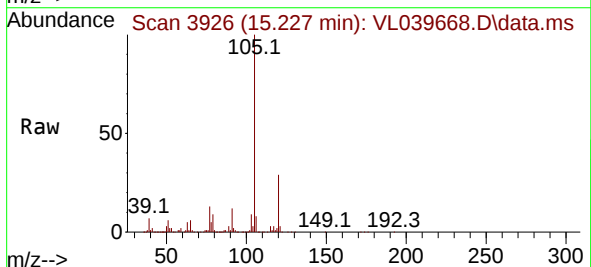
Manual Integrations
APPROVED

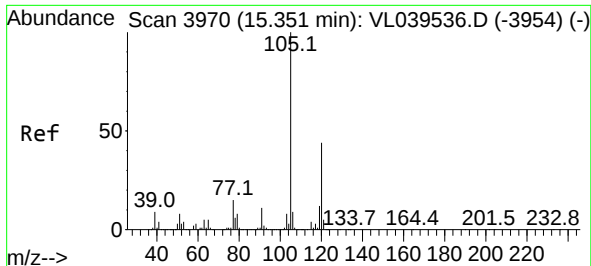
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#72
4-Ethyltoluene
Concen: 9.520 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

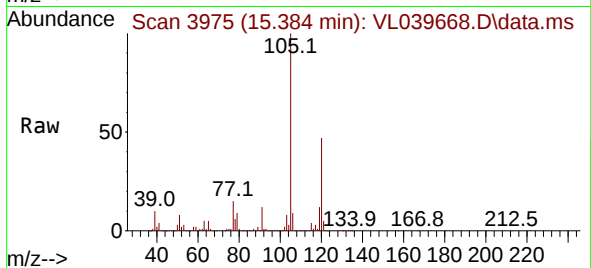
Tgt Ion:105 Resp: 2832072
Ion Ratio Lower Upper
105 100
120 30.3 24.2 36.2
91 13.0 10.2 15.4
77 14.0 11.1 16.7





#73
 1,3,5-Trimethylbenzene
 Concen: 9.571 ppbv
 RT: 15.384 min Scan# 3970
 Delta R.T. 0.033 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34

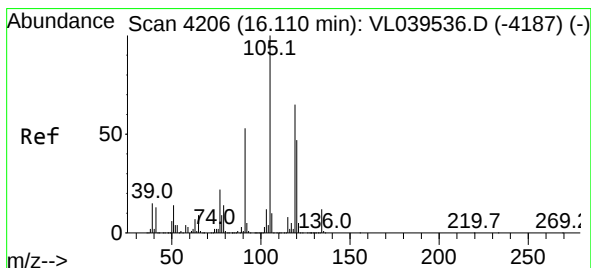
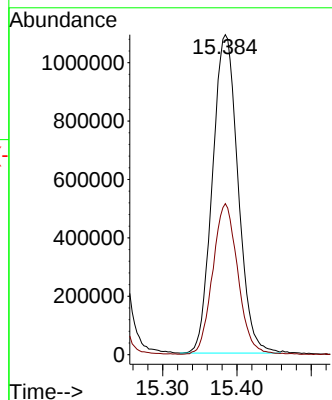
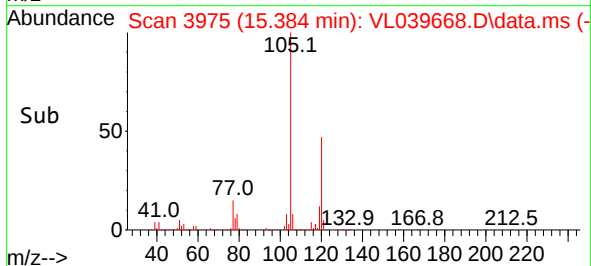
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



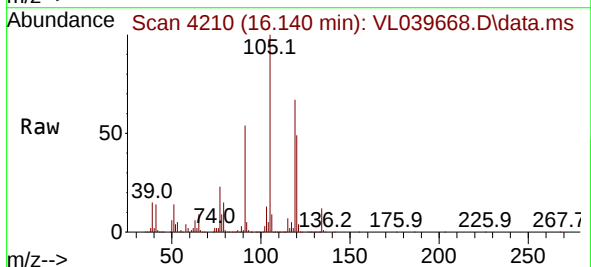
Tgt Ion:105 Resp: 260532
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.2 57.4

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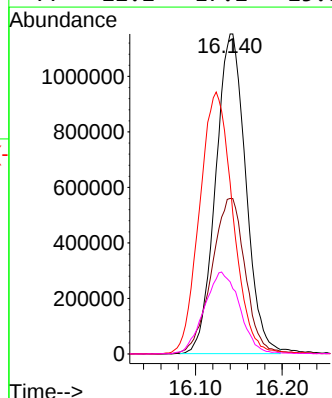
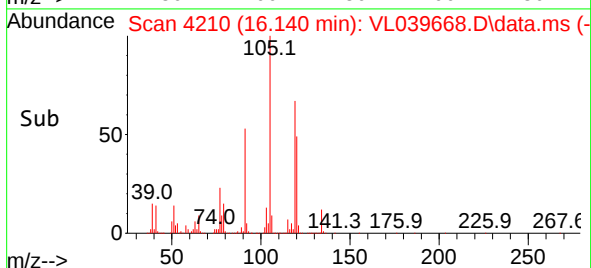
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

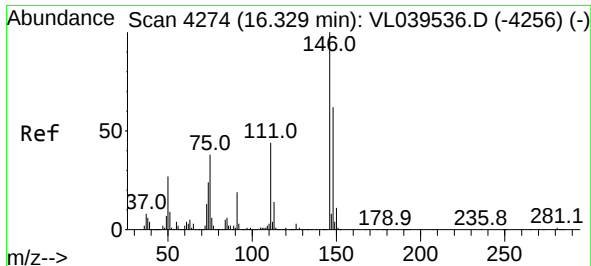


#74
 1,2,4-Trimethylbenzene
 Concen: 9.097 ppbv
 RT: 16.140 min Scan# 4210
 Delta R.T. 0.030 min
 Lab File: VL039668.D
 Acq: 22 Sep 2022 15:34



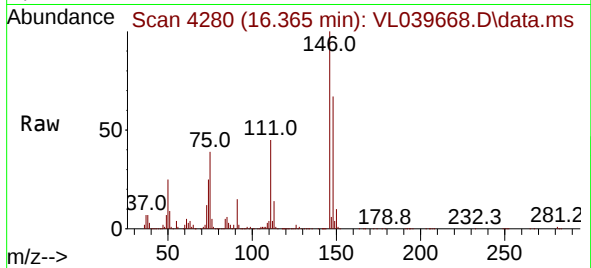
Tgt Ion:105 Resp: 2775718
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.5 59.3
 91 52.7 39.2 58.8
 77 22.2 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 9.059 ppbv
RT: 16.365 min Scan# 41
Delta R.T. 0.036 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

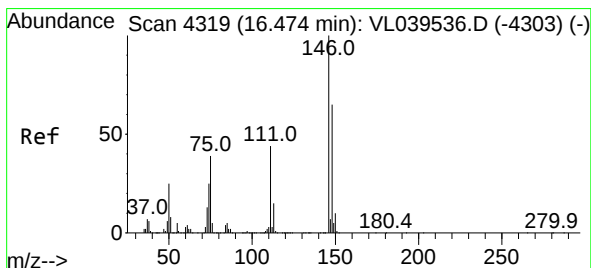
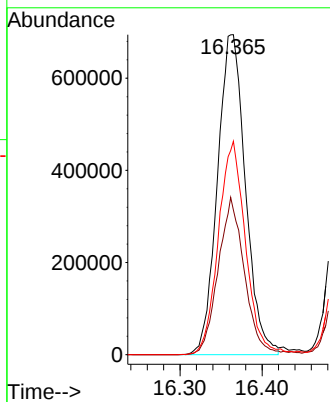
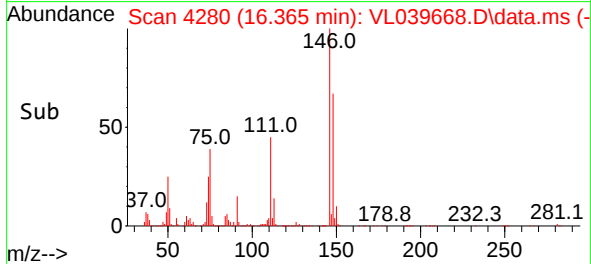
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



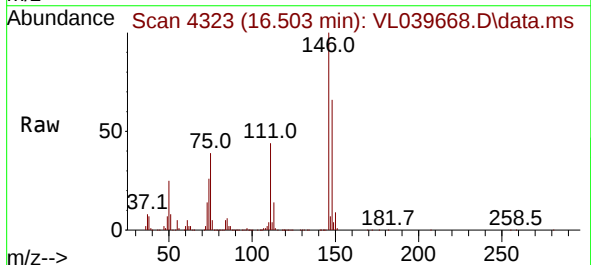
Tgt Ion:146 Resp: 164925
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.7
148 64.9 32.1 96.5

Manual Integrations
APPROVED

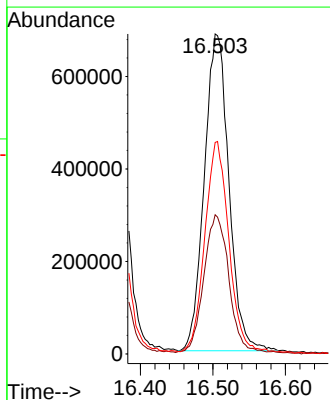
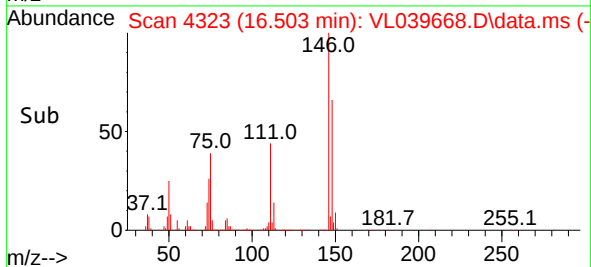
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

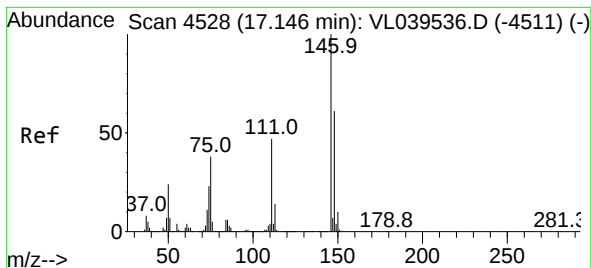


#76
1,4-Dichlorobenzene
Concen: 8.873 ppbv
RT: 16.503 min Scan# 4323
Delta R.T. 0.030 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34



Tgt Ion:146 Resp: 1615890
Ion Ratio Lower Upper
146 100
111 45.4 22.9 68.8
148 66.9 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.013 ppbv

RT: 17.172 min Scan# 4531

Delta R.T. 0.026 min

Lab File: VL039668.D

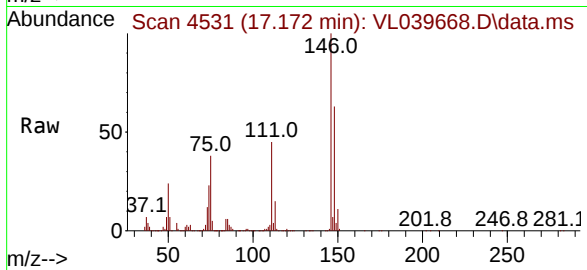
Acq: 22 Sep 2022 15:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 160009

Ion Ratio Lower Upper

146 100

111 47.0 23.8 71.5

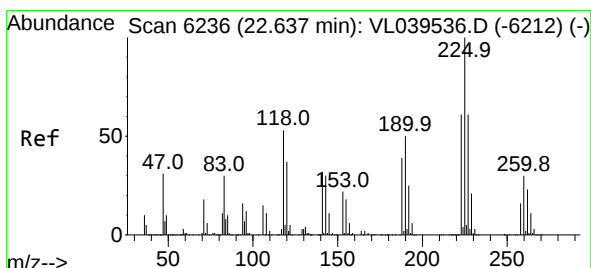
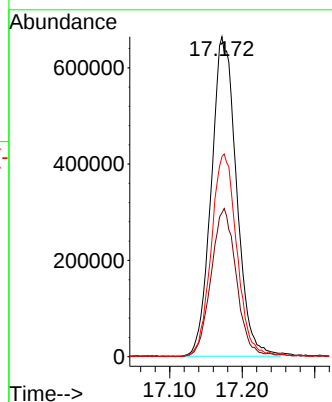
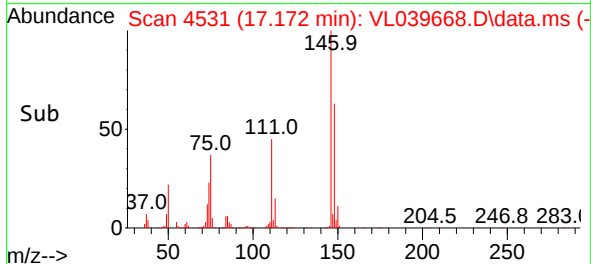
148 64.7 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.472 ppbv

RT: 22.670 min Scan# 6241

Delta R.T. 0.033 min

Lab File: VL039668.D

Acq: 22 Sep 2022 15:34

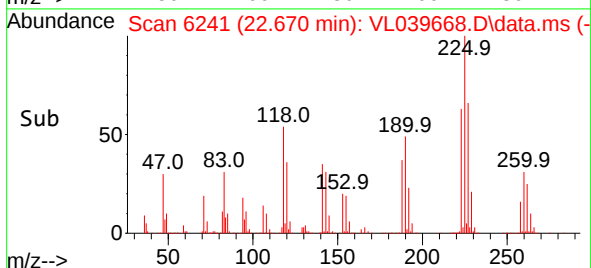
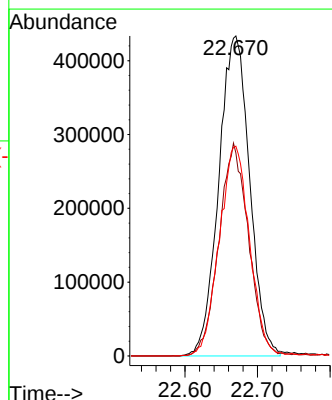
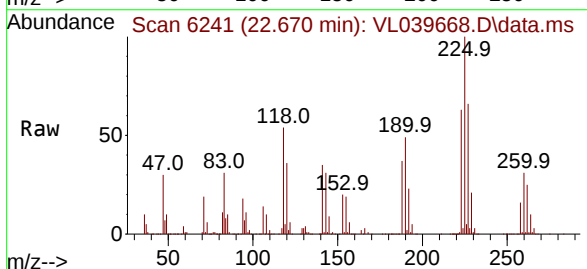
Tgt Ion:225 Resp: 1284936

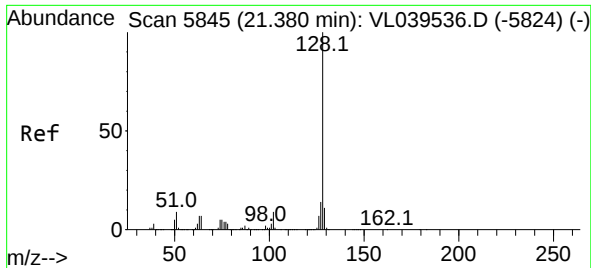
Ion Ratio Lower Upper

225 100

223 63.9 51.8 77.6

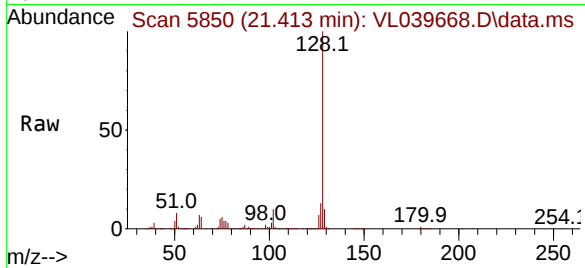
227 64.9 51.4 77.2





#79
Naphthalene
Concen: 13.309 ppbv
RT: 21.413 min Scan# 5845
Delta R.T. 0.033 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

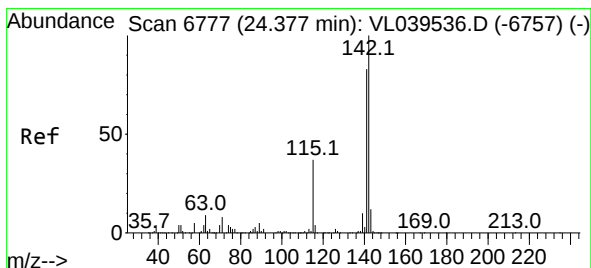
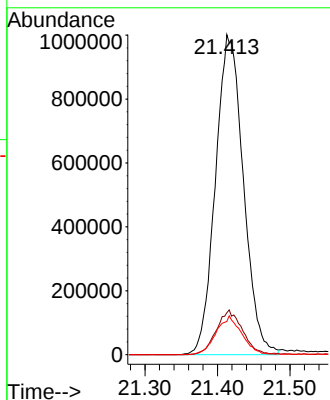
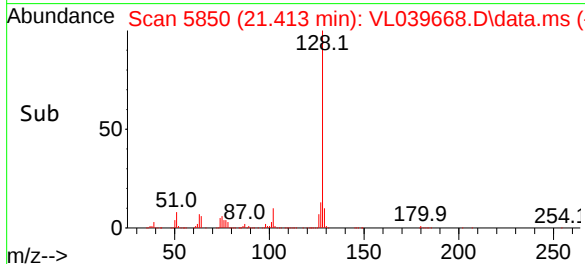
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



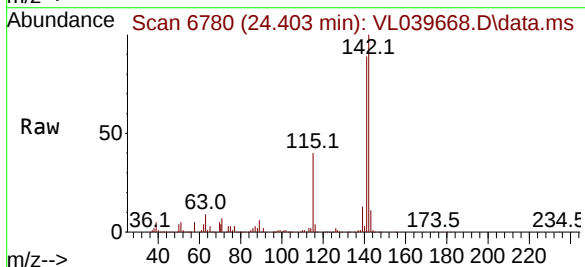
Tgt Ion:128 Resp: 2679910
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.4 8.8 13.2

Manual Integrations
APPROVED

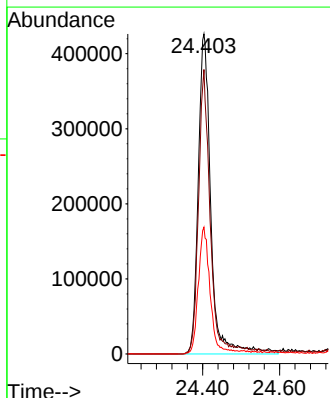
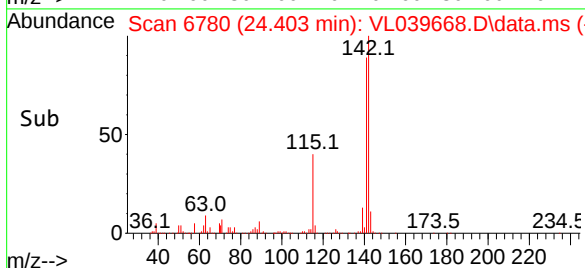
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

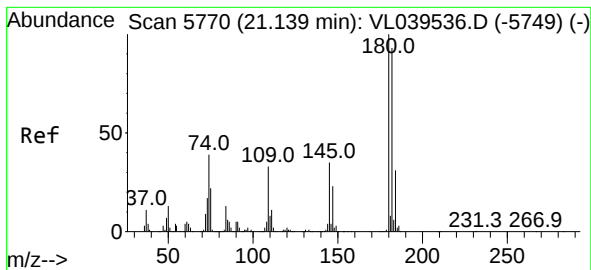


#80
Naphthalene,2-methyl-
Concen: 12.828 ppbv
RT: 24.403 min Scan# 6780
Delta R.T. 0.026 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34



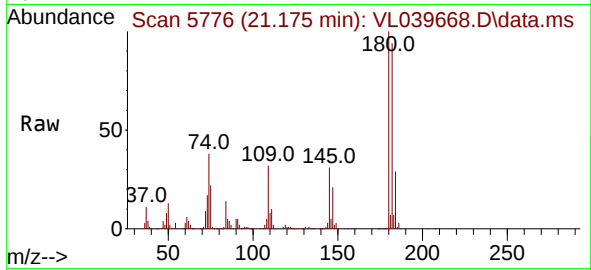
Tgt Ion:142 Resp: 971198
Ion Ratio Lower Upper
142 100
141 82.2 68.9 103.3
115 39.2 30.0 45.0





#81
1,2,4-Trichlorobenzene
Concen: 11.343 ppbv
RT: 21.175 min Scan# 51
Delta R.T. 0.036 min
Lab File: VL039668.D
Acq: 22 Sep 2022 15:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 150023
Ion Ratio Lower Upper
180 100
182 96.3 77.1 115.7
184 30.9 24.3 36.5

Manual Integrations
APPROVED

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

