

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039508.D
 Acq On : 20 Jul 2022 11:39
 Operator : SY/AP
 Sample : VL0719SABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 05:30:53 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 20 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	977996	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.189	114	2736468	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.102	117	2697899m	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.430 95 2082913 10.407 ppbv 0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	2230545	15.812	ppbv	99
3) Chlorodifluoromethane	2.996	51	1336528	10.772	ppbv	100
4) Chloromethane	3.147	50	727647	10.722	ppbv	98
5) Vinyl Chloride	3.266	62	717792	10.727	ppbv	100
6) Bromomethane	3.481	94	315930	11.218	ppbv	93
7) Chloroethane	3.568	64	264542	11.114	ppbv	98
8) Dichlorotetrafluoroethane	3.198	85	1742424	11.307	ppbv	99
9) Propene	3.018	41	604122	10.781	ppbv	98
10) Heptane	8.137	43	1491239	11.362	ppbv	98
11) Trichlorofluoromethane	3.960	101	1701035	10.821	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.494	101	1259452	10.747	ppbv	99
13) Ethanol	3.610	45	38744m	11.918	ppbv	
14) Bromoethene	3.748	108	543535	11.033	ppbv	99
15) Acetone	3.854	43	1252321	10.824	ppbv	98
16) 1,3-Butadiene	3.337	39	672795	11.207	ppbv	99
17) tert-Butyl alcohol	4.292	59	1076042	10.957	ppbv	100
18) 1,1-Dichloroethene	4.298	96	559141	10.532	ppbv	96
19) Isopropyl Alcohol	3.967	45	587204	9.514	ppbv	99
20) Methylene Chloride	4.353	84	466321	10.111	ppbv	97
21) Allyl Chloride	4.420	41	885994	11.056	ppbv	97
22) trans-1,2-Dichloroethene	4.896	96	575378	11.196	ppbv	99
23) Vinyl Acetate	5.083	43	1006296	13.014	ppbv	97
24) 1,1-Dichloroethane	5.022	63	1226530	11.231	ppbv	99
25) Ethyl Acetate	5.684	43	2689177	11.335	ppbv	99
26) Hexane	5.700	57	1161305	12.143	ppbv	99
27) Carbon Disulfide	4.559	76	1337546	11.587	ppbv	100
28) Methyl tert-Butyl Ether	5.044	73	1202633	11.762	ppbv	96
29) Chloroform	5.764	83	1858027	11.173	ppbv	100
30) Cyclohexane	7.144	84	982090	11.280	ppbv	99
31) cis-1,2-Dichloroethene	5.558	61	1160171	11.433	ppbv	96
32) 1,1,1-Trichloroethane	6.526	97	1856098	11.308	ppbv	100
34) 2-Butanone	5.250	43	1623140	11.783	ppbv	99
35) Carbon Tetrachloride	7.031	117	1988762	11.762	ppbv	100
36) Benzene	6.906	78	2411886	11.388	ppbv	96
37) 1,2-Dichloroethane	6.317	62	1394918	11.159	ppbv	100
38) Trichloroethene	7.848	130	1291205	11.272	ppbv	98
39) 1,2-Dichloropropane	7.626	63	896625	11.332	ppbv	99
40) 1,4-Dioxane	7.845	88	299144m	9.488	ppbv	
41) Tetrahydrofuran	6.060	42	945259	11.842	ppbv	99
42) Bromodichloromethane	7.806	83	1985548	11.780	ppbv	98
43) Methyl Methacrylate	8.025	69	983236	12.209	ppbv	99
44) 2,2,4-Trimethylpentane	7.883	57	3999312	11.143	ppbv	100
45) t-1,3-Dichloropropene	9.295	75	989144	13.796	ppbv	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

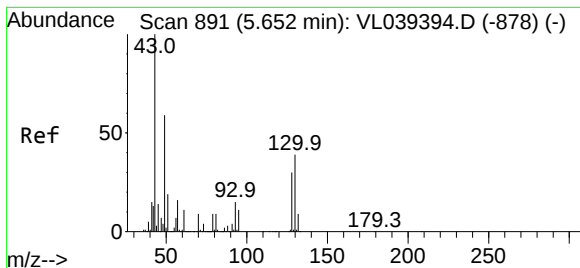
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 20 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

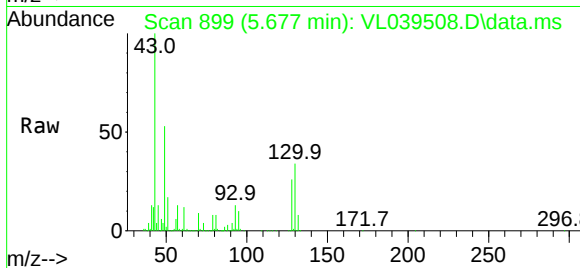
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.716	75	1274783	12.917	ppbv	98
47) 1,1,2-Trichloroethane	9.488	97	994625	11.204	ppbv	98
48) Dibromochloromethane	10.320	129	1787405	12.668	ppbv	99
49) Bromoform	13.057	173	1489530	13.085	ppbv	99
50) 4-Methyl-2-Pentanone	8.751	43	2531441	12.154	ppbv	98
51) 2-Hexanone	10.144	43	1957699	12.426	ppbv	100
52) Tetrachloroethene	11.237	164	954561	11.196	ppbv	99
53) Toluene	9.822	91	2895732	11.853	ppbv	100
54) 1,2-Dibromoethane	10.626	107	1306444	11.827	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.137	131	1303551	10.937	ppbv	97
57) Chlorobenzene	12.163	112	2214785	10.589	ppbv	99
58) Ethyl Benzene	12.725	91	3862596	11.088	ppbv	100
59) m/p-Xylene	13.008	91	6644303m	21.634	ppbv	
60) o-Xylene	13.706	91	3221290	11.076	ppbv	100
61) Styrene	13.542	104	1914318	12.151	ppbv	99
62) Isopropylbenzene	14.680	105	4797178	10.832	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.687	83	1528017	10.024	ppbv	99
64) n-propylbenzene	15.574	120	1264420	11.264	ppbv	97
65) tert-Butylbenzene	16.757	119	4424568	10.811	ppbv	99
66) Benzyl Chloride	16.999	91	474296	12.196	ppbv	98
67) sec-Butylbenzene	17.307	105	6018660	10.918	ppbv	99
69) p-Isopropyltoluene	17.664	119	5201849	11.122	ppbv	99
70) n-Butylbenzene	18.561	91	5007935	11.032	ppbv	100
71) 2-Chlorotoluene	15.468	91	3523067	11.115	ppbv	99
72) 4-Ethyltoluene	15.851	105	3892137	11.383	ppbv	100
73) 1,3,5-Trimethylbenzene	16.008	105	3577655	11.392	ppbv	97
74) 1,2,4-Trimethylbenzene	16.773	105	3846837	11.073	ppbv	96
75) 1,3-Dichlorobenzene	17.011	146	2290690	11.054	ppbv	100
76) 1,4-Dichlorobenzene	17.150	146	2222631	10.821	ppbv	99
77) 1,2-Dichlorobenzene	17.828	146	2215110	10.784	ppbv	99
78) Hexachloro-1,3-Butadiene	23.384	225	1574603	9.531	ppbv	99
79) Naphthalene	22.207	128	2994097	12.523	ppbv	98
80) Naphthalene,2-methyl-	24.979	142	969341	11.912	ppbv	97
81) 1,2,4-Trichlorobenzene	21.940	180	1738477	11.164	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 89
Delta R.T. 0.026 min
Lab File: VL039508.D
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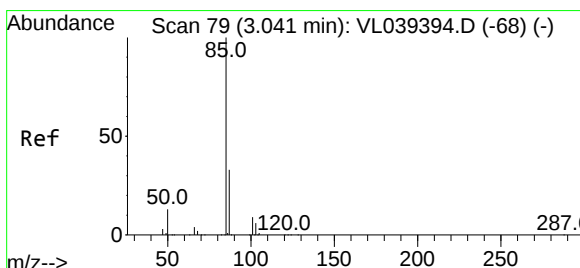
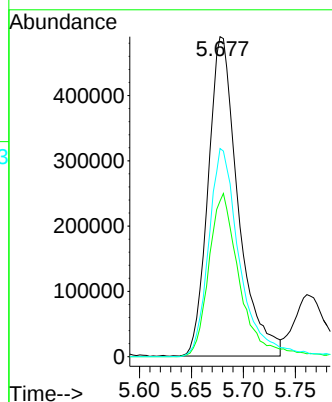
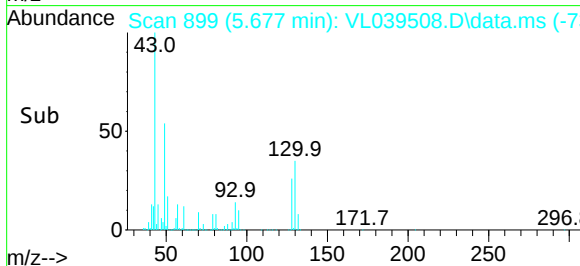
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



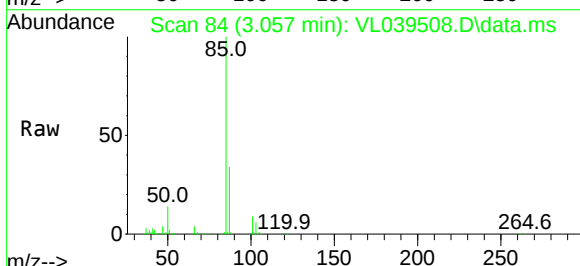
Tgt Ion: 49 Resp: 977990
Ion Ratio Lower Upper
49 100
128 53.4 26.7 80.0
130 68.8 34.3 102.8

Manual Integrations
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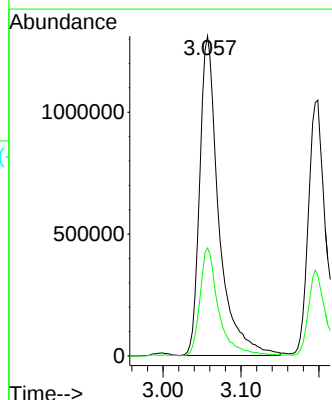
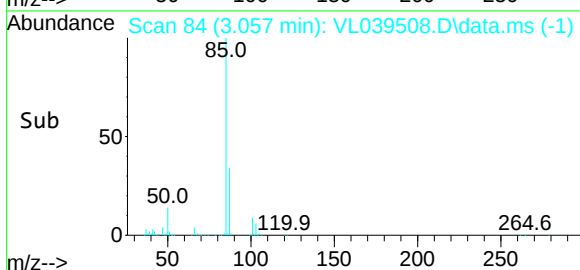
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

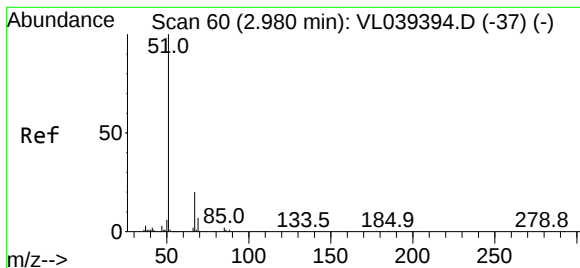


#2
Dichlorodifluoromethane
Concen: 15.812 ppbv
RT: 3.057 min Scan# 84
Delta R.T. 0.016 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



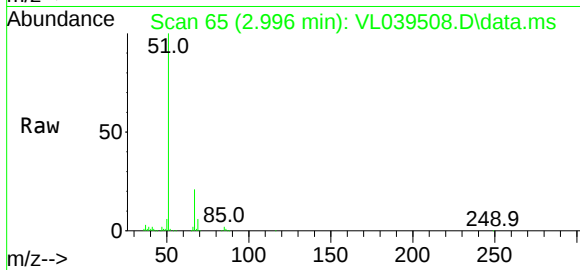
Tgt Ion: 85 Resp: 2230545
Ion Ratio Lower Upper
85 100
87 33.8 26.7 40.1





#3
Chlorodifluoromethane
Concen: 10.772 ppbv
RT: 2.996 min Scan# 60
Delta R.T. 0.016 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

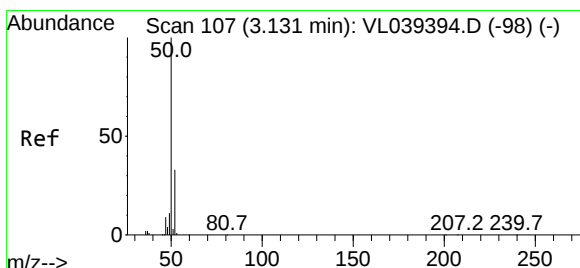
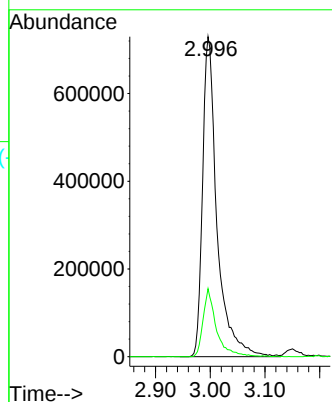
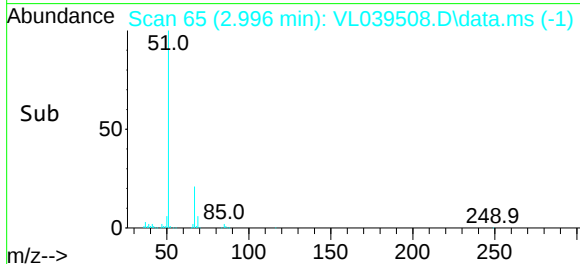
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1336528
Ion Ratio Lower Upper
51 100
67 19.7 15.7 23.5

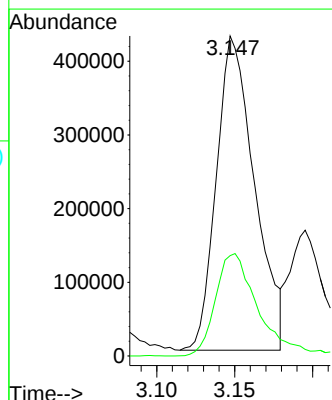
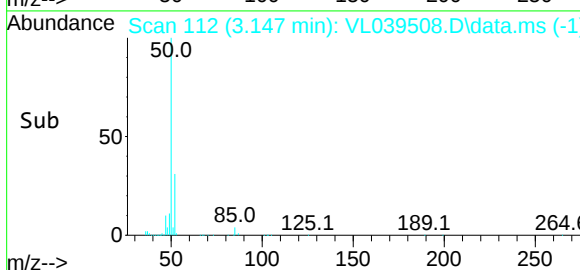
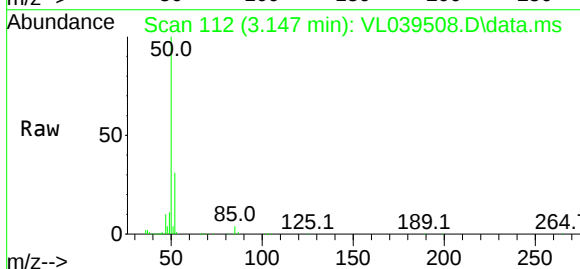
Manual Integrations
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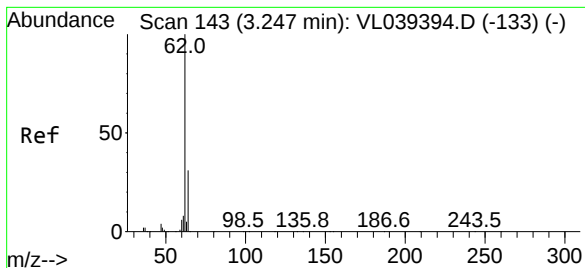
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#4
Chloromethane
Concen: 10.722 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.016 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

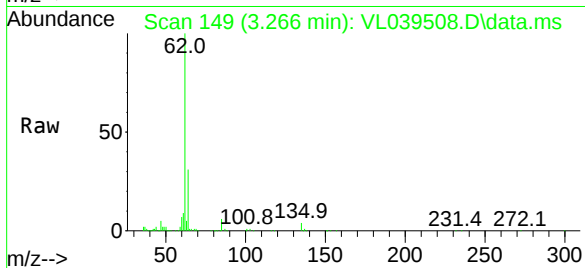
Tgt Ion: 50 Resp: 727647
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7





#5
 Vinyl Chloride
 Concen: 10.727 ppbv
 RT: 3.266 min Scan# 143
 Delta R.T. 0.019 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39

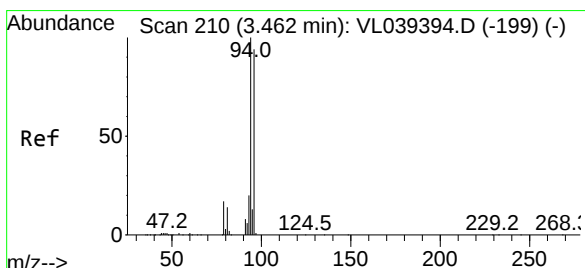
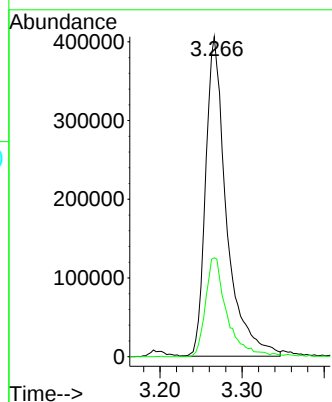
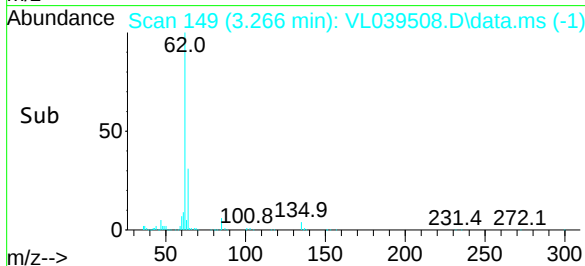
Instrument :
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 ClientSampleId :
 VSTDCCC010EC



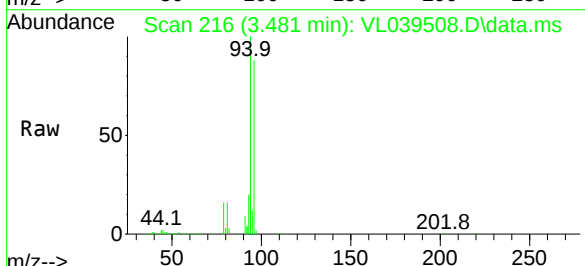
Tgt Ion: 62 Resp: 717792
 Ion Ratio Lower Upper
 62 100
 64 30.9 24.6 36.8

Manual Integrations
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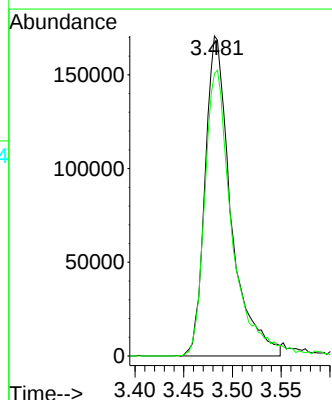
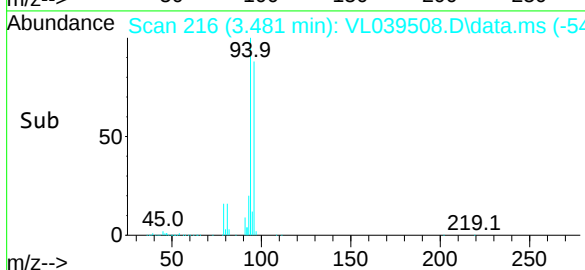
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

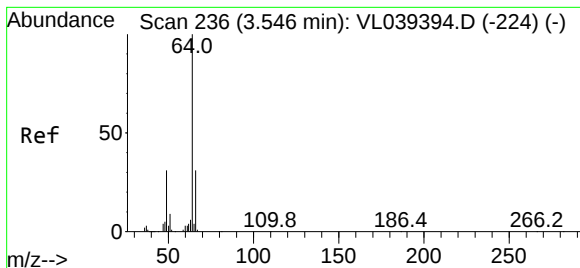


#6
 Bromomethane
 Concen: 11.218 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39



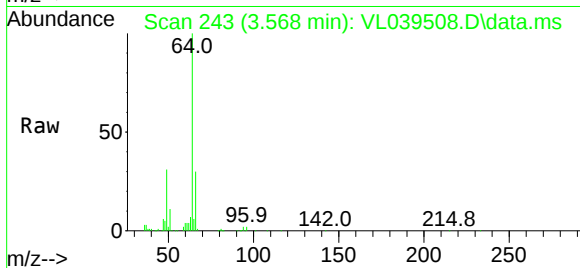
Tgt Ion: 94 Resp: 315930
 Ion Ratio Lower Upper
 94 100
 96 88.1 75.6 113.4





#7
Chloroethane
Concen: 11.114 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.023 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

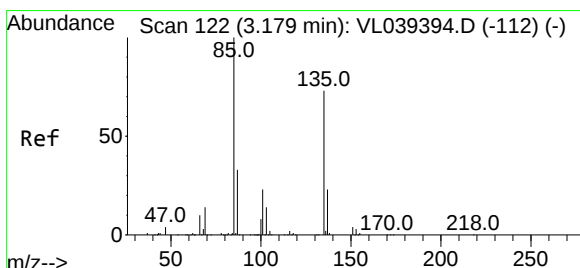
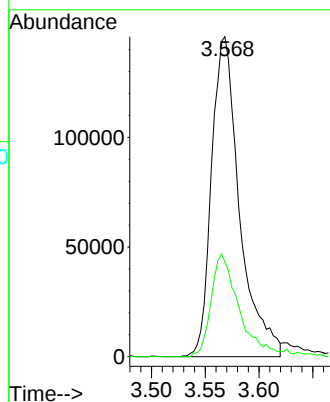
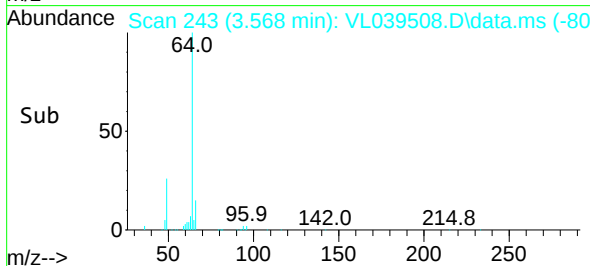
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 264542
Ion Ratio Lower Upper
64 100
66 29.6 24.7 37.1

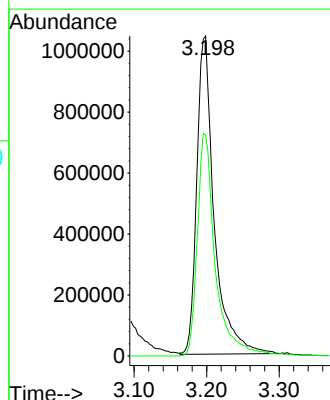
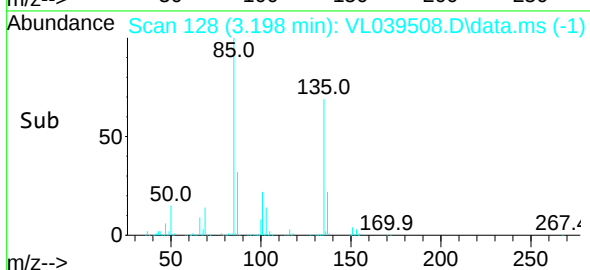
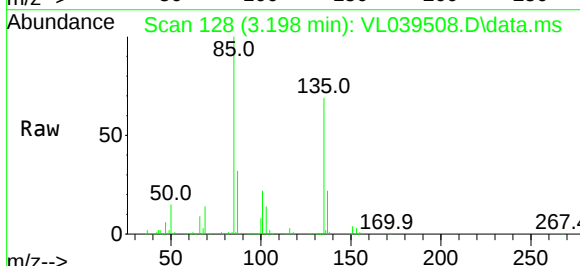
Manual Integrations
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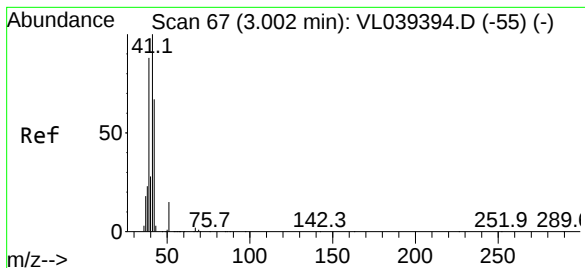
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#8
Dichlorotetrafluoroethane
Concen: 11.307 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.019 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

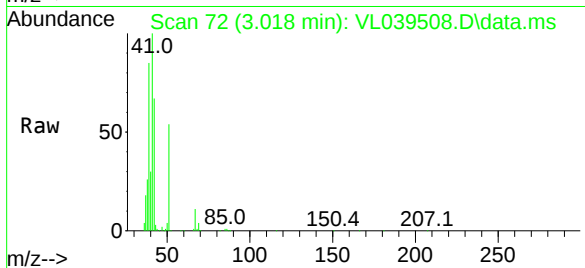
Tgt Ion: 85 Resp: 1742424
Ion Ratio Lower Upper
85 100
135 72.5 59.0 88.4





#9
 Propene
 Concen: 10.781 ppbv
 RT: 3.018 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39

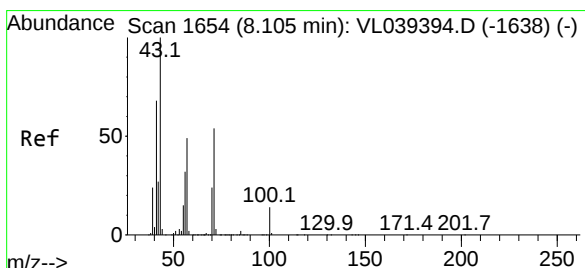
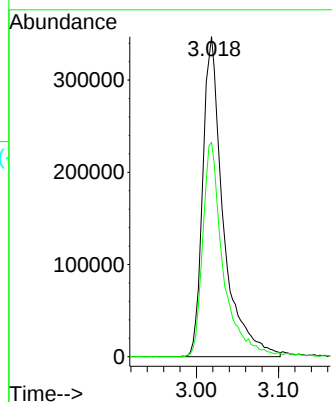
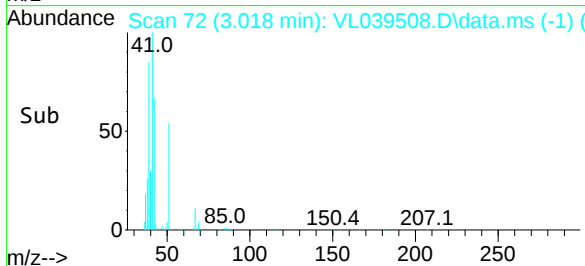
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



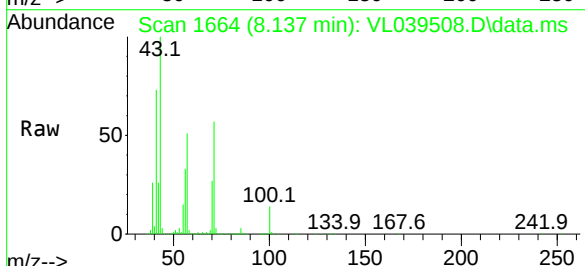
Tgt Ion: 41 Resp: 60412
 Ion Ratio Lower Upper
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 42 67.4 55.2 82.8

Manual Integrations
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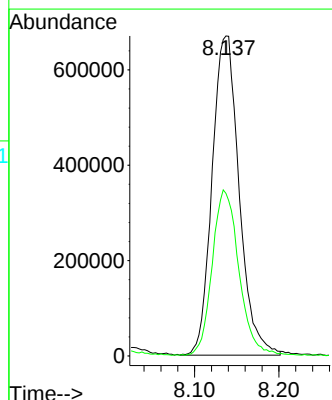
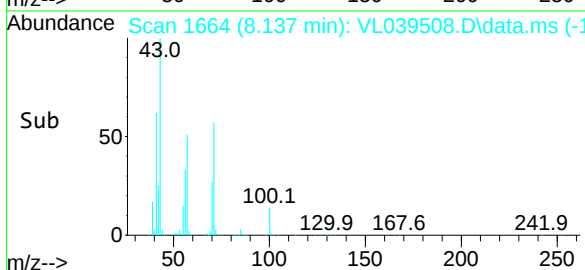
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 Supervised By :Mahesh Dadoda 07/21/2022

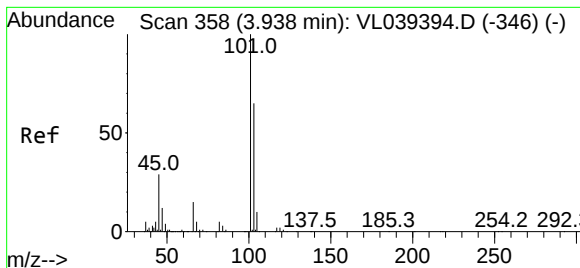


#10
 Heptane
 Concen: 11.362 ppbv
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.032 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39



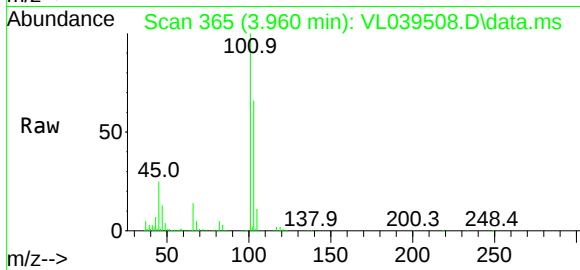
Tgt Ion: 43 Resp: 1491239
 Ion Ratio Lower Upper
 43 100
 57 51.8 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 10.821 ppbv
 RT: 3.960 min Scan# 30
 Delta R.T. 0.023 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39

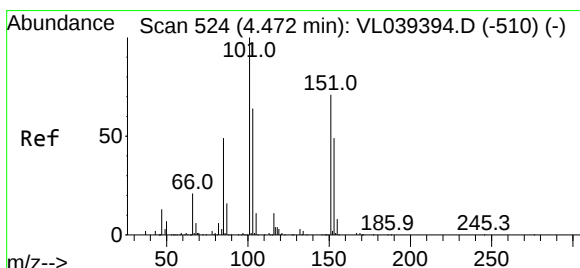
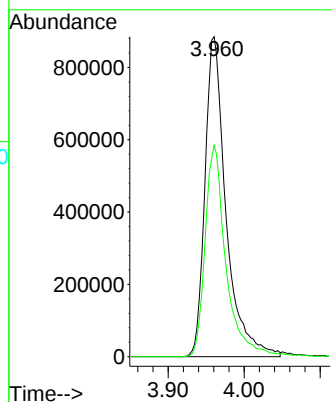
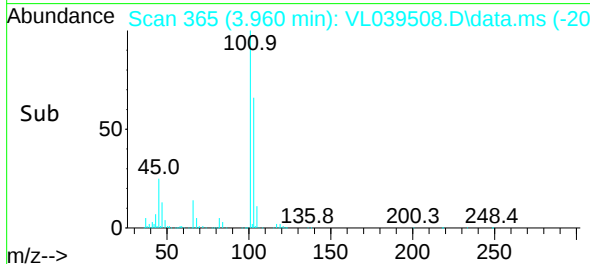
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



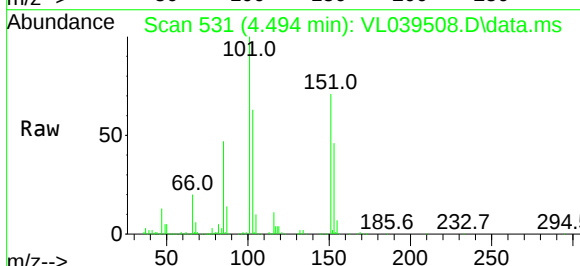
Tgt Ion:101 Resp: 170103
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.8

Manual Integrations
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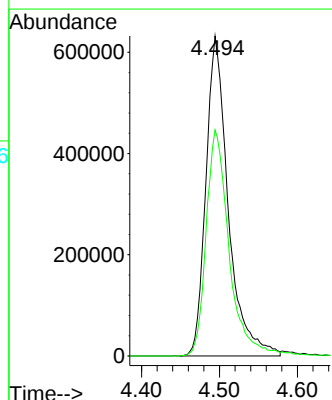
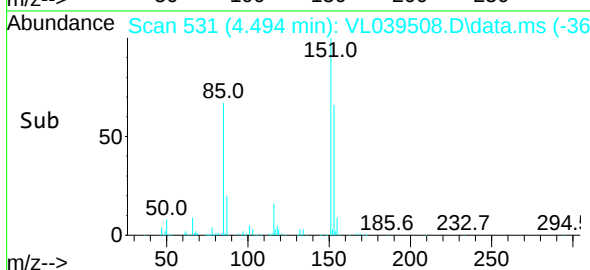
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

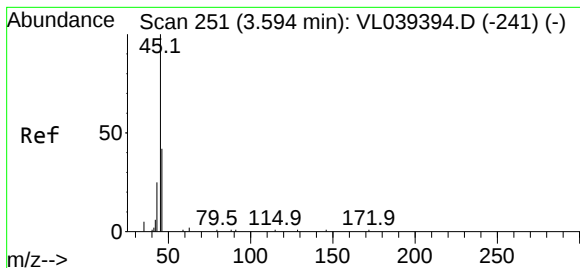


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.747 ppbv
 RT: 4.494 min Scan# 531
 Delta R.T. 0.023 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39



Tgt Ion:101 Resp: 1259452
 Ion Ratio Lower Upper
 101 100
 151 73.1 58.9 88.3





#13

Ethanol

Concen: 11.918 ppbv m

RT: 3.610 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 3874

Ion Ratio Lower Upper

45 100

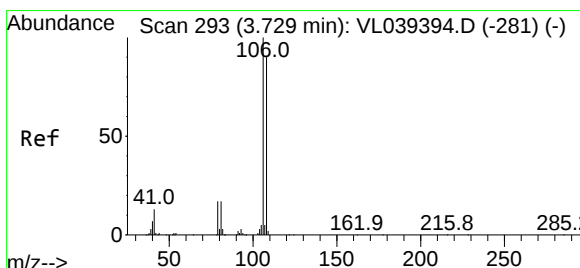
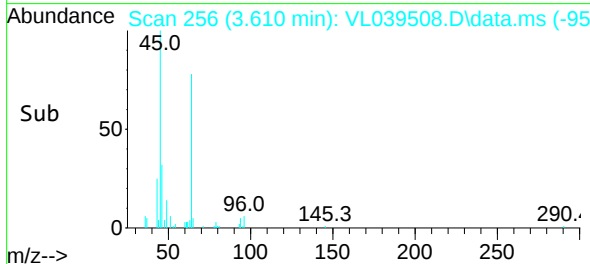
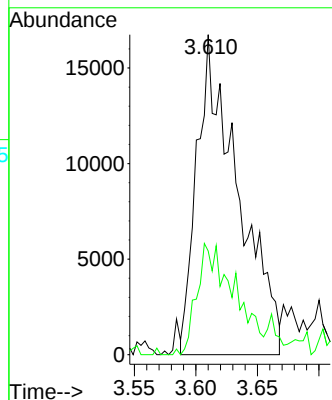
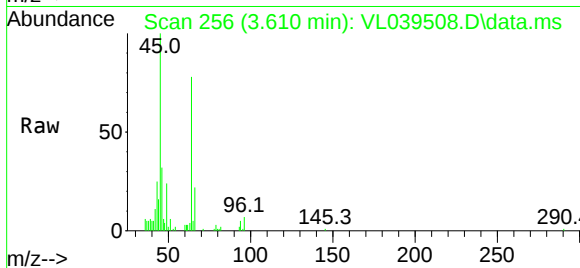
46 37.3 22.8 91.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#14

Bromoethene

Concen: 11.033 ppbv

RT: 3.748 min Scan# 299

Delta R.T. 0.019 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

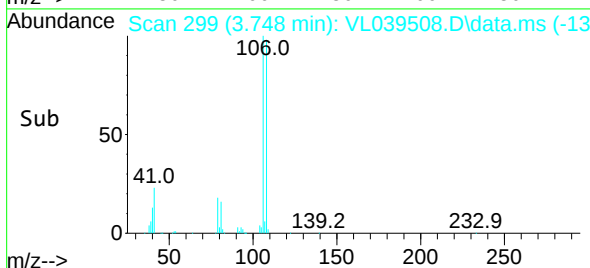
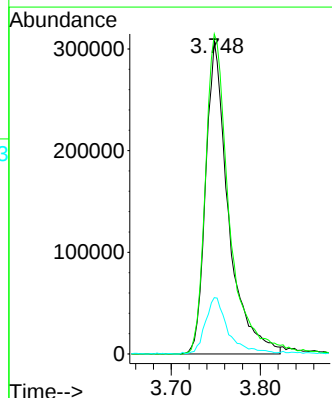
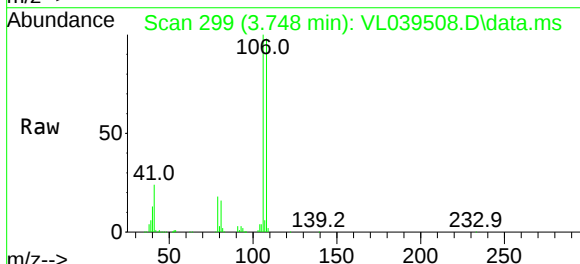
Tgt Ion:108 Resp: 543535

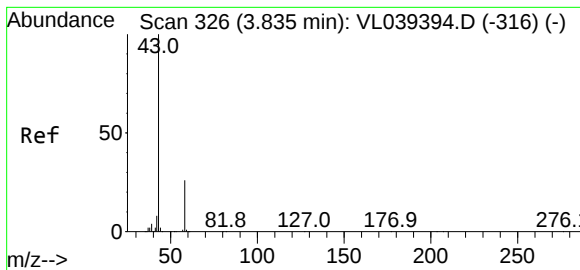
Ion Ratio Lower Upper

108 100

106 109.3 87.1 130.7

79 19.3 14.6 22.0





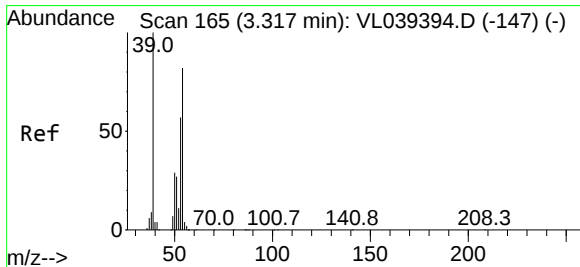
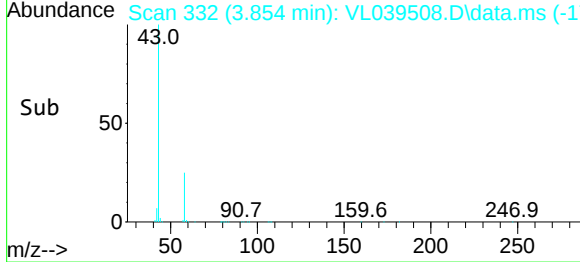
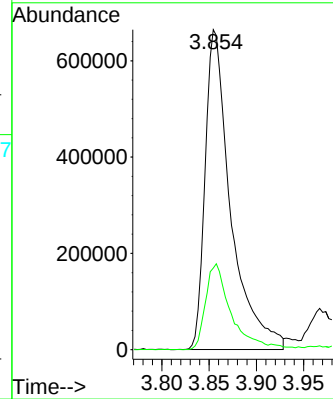
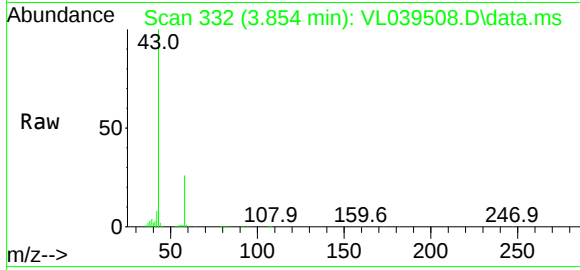
#15
Acetone
Concen: 10.824 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 125232
Ion Ratio Lower Upper
43 100
58 27.3 21.0 31.6

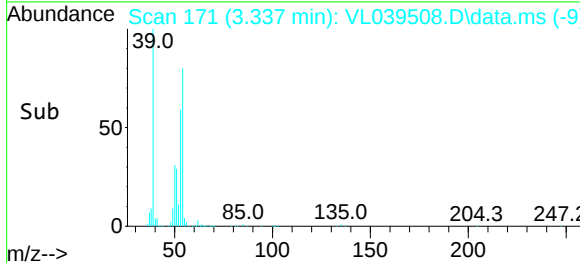
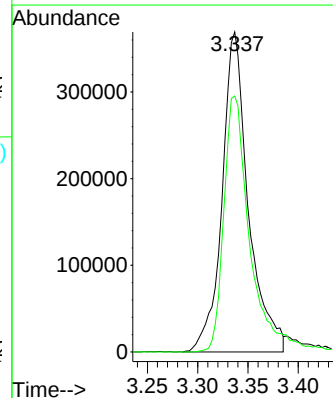
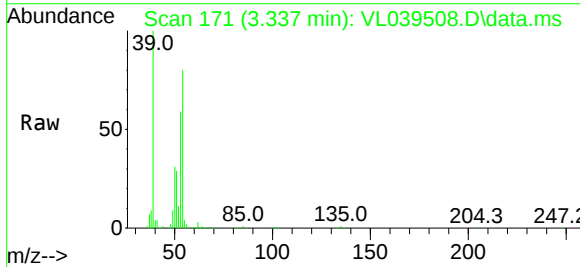
Manual Integrations
APPROVED

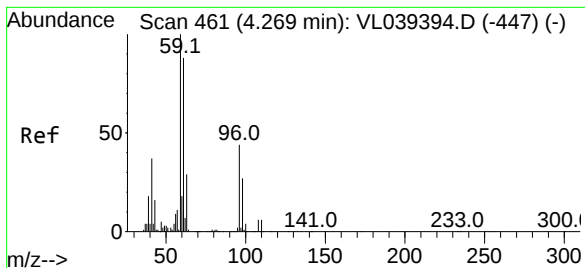
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#16
1,3-Butadiene
Concen: 11.207 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.019 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

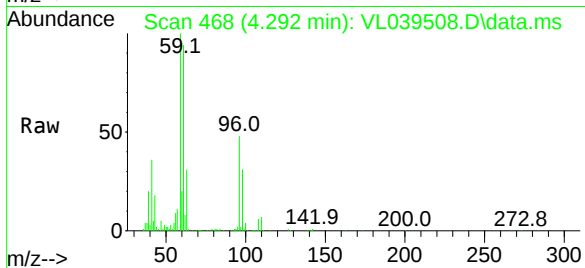
Tgt Ion: 39 Resp: 672795
Ion Ratio Lower Upper
39 100
54 80.5 63.7 95.5





#17
tert-Butyl alcohol
Concen: 10.957 ppbv
RT: 4.292 min Scan# 40
Delta R.T. 0.023 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

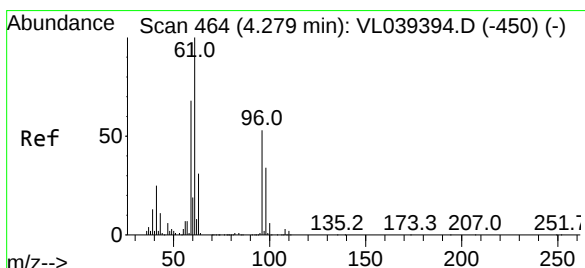
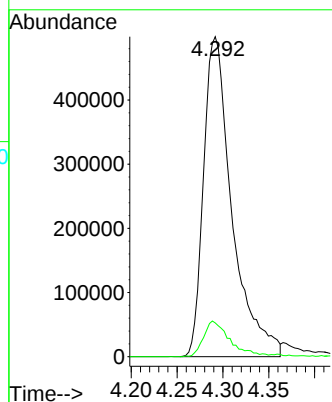
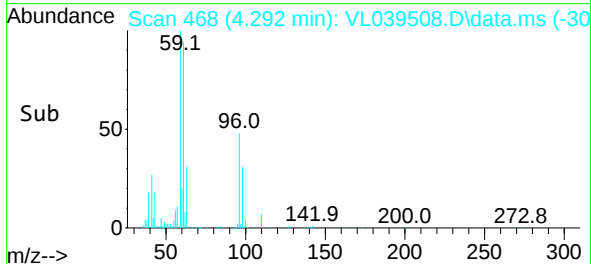
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



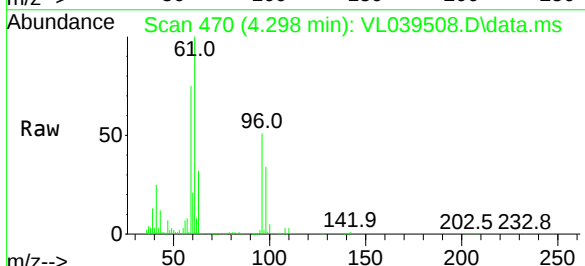
Tgt Ion: 59 Resp: 107604
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

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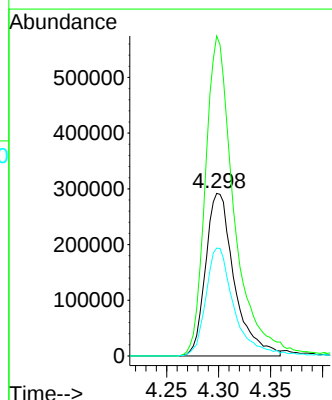
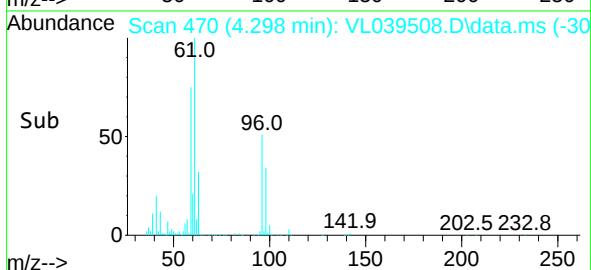
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

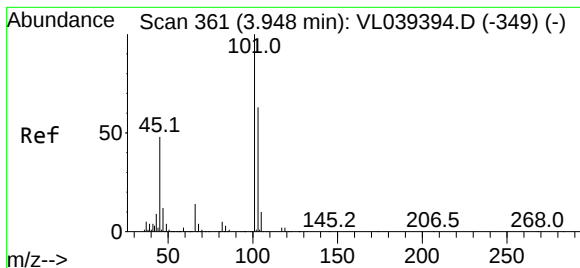


#18
1,1-Dichloroethene
Concen: 10.532 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.019 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



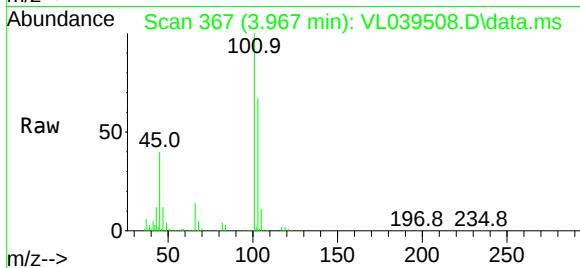
Tgt Ion: 96 Resp: 559141
Ion Ratio Lower Upper
96 100
61 196.5 152.2 228.4
98 66.2 51.8 77.6





#19
Isopropyl Alcohol
Concen: 9.514 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

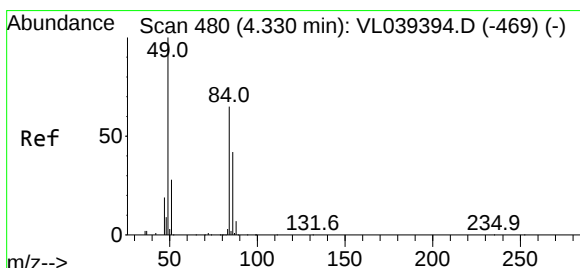
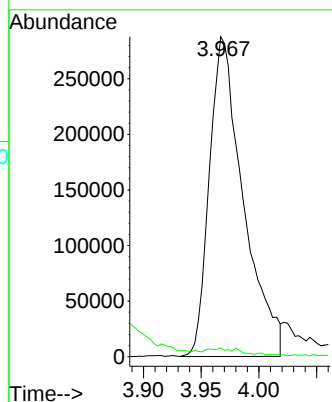
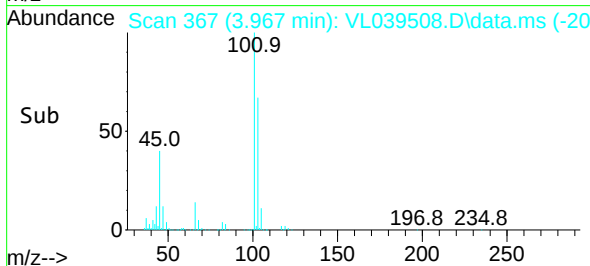
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



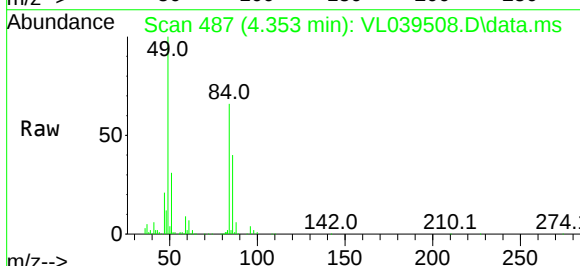
Tgt Ion: 45 Resp: 587204
Ion Ratio Lower Upper
45 100
58 3.6 3.2 4.8

Manual Integrations
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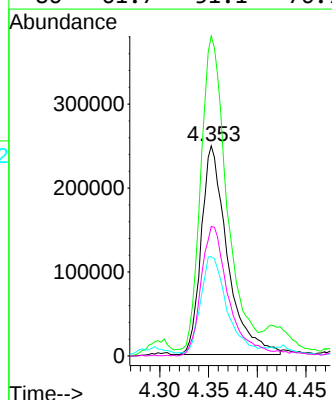
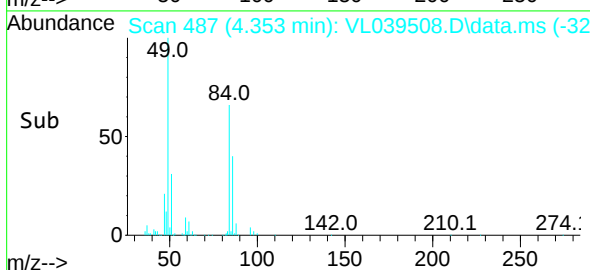
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

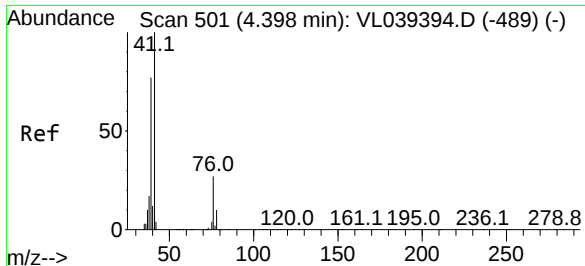


#20
Methylene Chloride
Concen: 10.111 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.023 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



Tgt Ion: 84 Resp: 466321
Ion Ratio Lower Upper
84 100
49 150.2 123.1 184.7
51 45.8 34.4 51.6
86 61.7 51.1 76.7





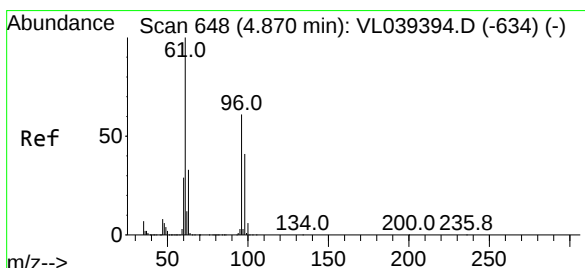
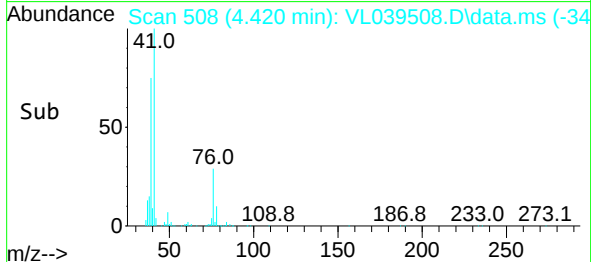
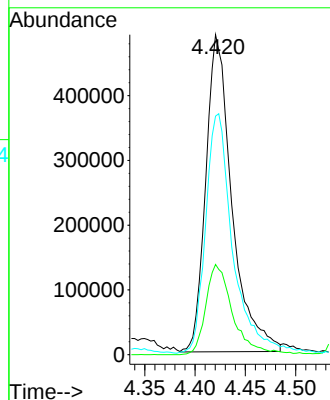
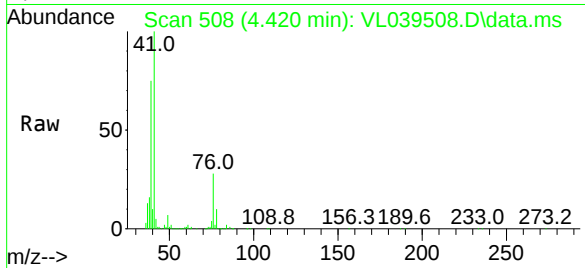
#21
 Allyl Chloride
 Concen: 11.056 ppbv
 RT: 4.420 min Scan# 501
 Delta R.T. 0.023 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 885994
 Ion Ratio Lower Upper
 41 100
 76 29.6 24.4 36.6
 39 82.0 63.5 95.3

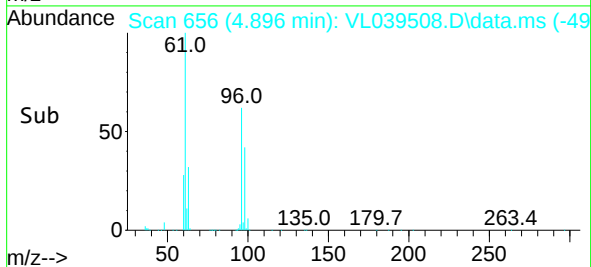
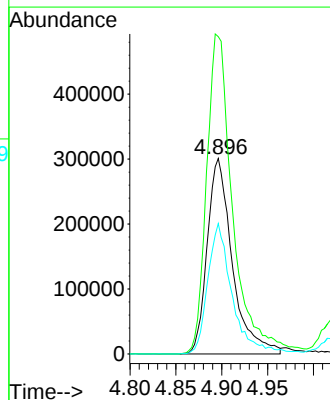
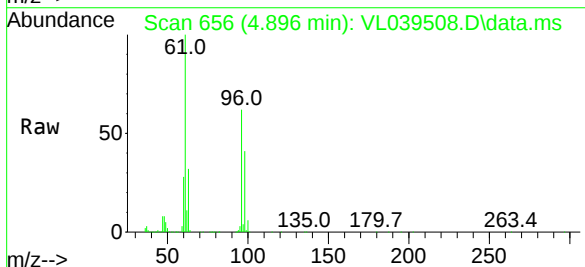
Manual Integrations
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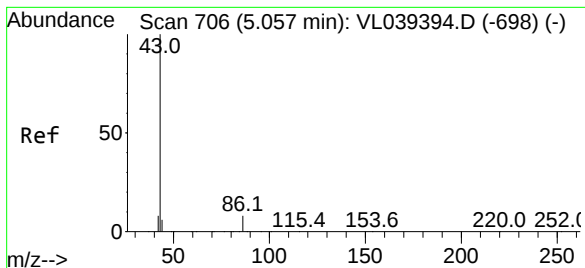
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.196 ppbv
 RT: 4.896 min Scan# 656
 Delta R.T. 0.026 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39

Tgt Ion: 96 Resp: 575378
 Ion Ratio Lower Upper
 96 100
 61 162.3 130.6 195.8
 98 66.6 53.4 80.0





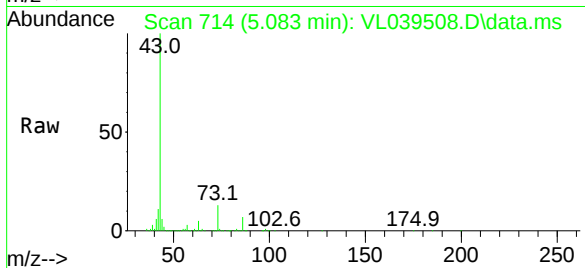
#23
 Vinyl Acetate
 Concen: 13.014 ppbv
 RT: 5.083 min Scan# 714
 Delta R.T. 0.026 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

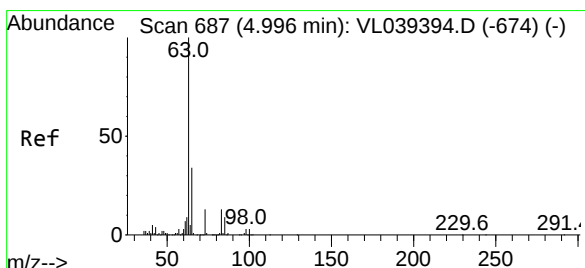
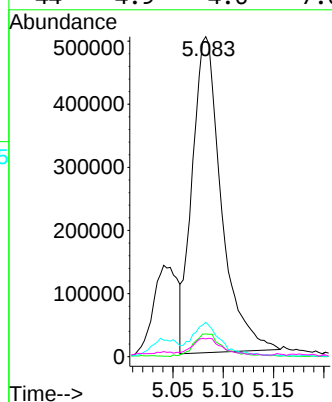
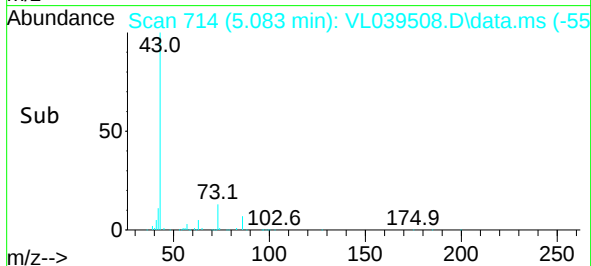


Tgt Ion: 43 Resp: 1006290
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.0 7.6
 42 10.7 7.7 11.5
 44 4.9 4.6 7.0

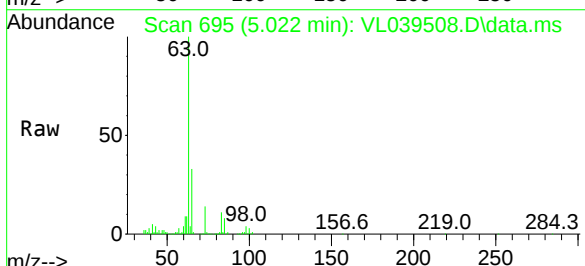
Manual Integrations

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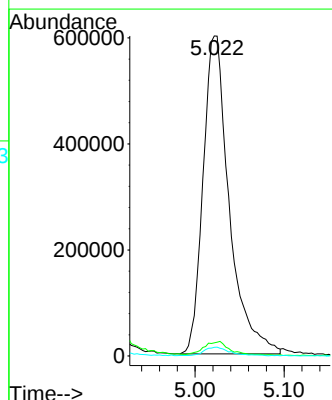
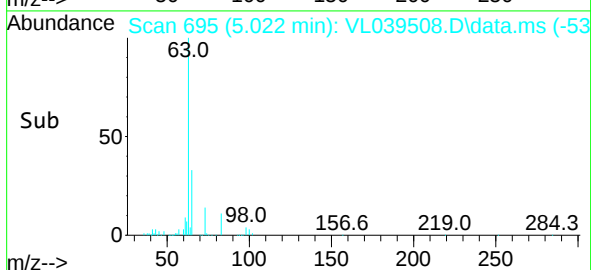
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

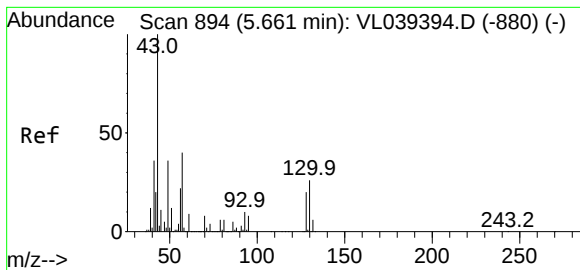


#24
 1,1-Dichloroethane
 Concen: 11.231 ppbv
 RT: 5.022 min Scan# 695
 Delta R.T. 0.026 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39



Tgt Ion: 63 Resp: 1226530
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.3
 100 2.6 1.5 4.4





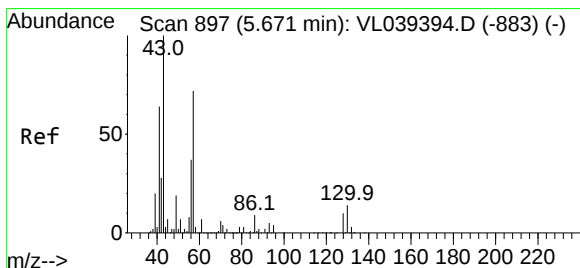
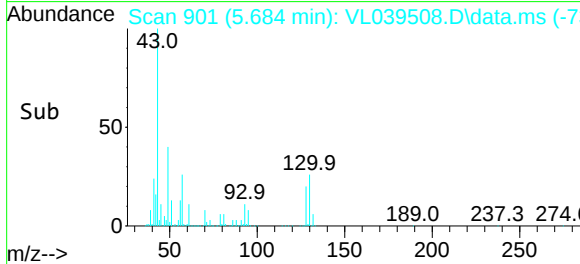
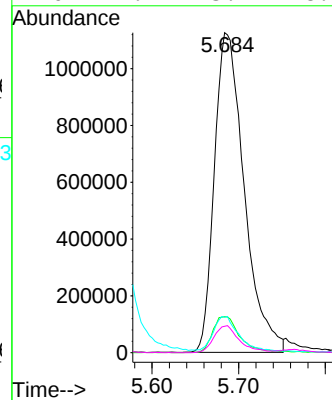
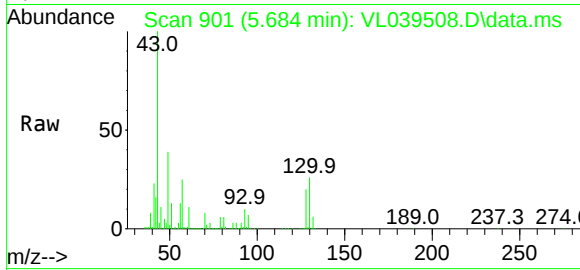
#25
Ethyl Acetate
Concen: 11.335 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.023 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 268917
Ion Ratio Lower Upper
43 100
45 10.6 8.2 12.4
61 10.7 8.3 12.5
70 7.2 5.9 8.9

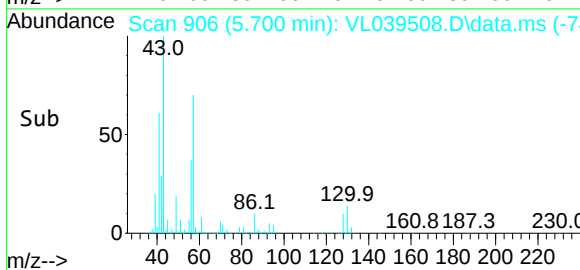
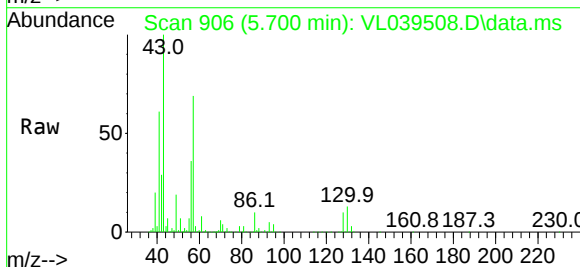
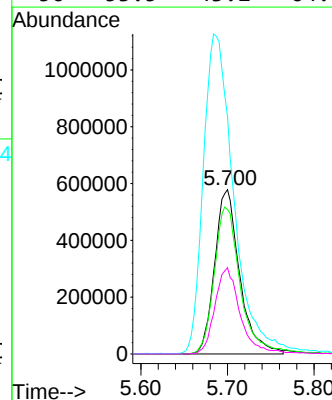
Manual Integrations
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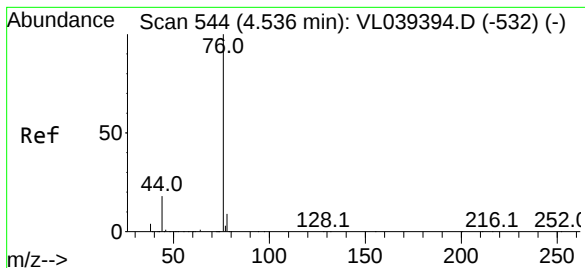
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#26
Hexane
Concen: 12.143 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

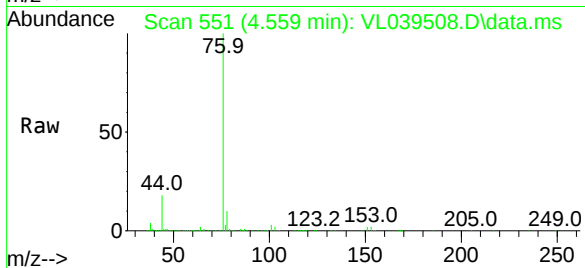
Tgt Ion: 57 Resp: 1161305
Ion Ratio Lower Upper
57 100
41 94.4 76.9 115.3
43 238.0 191.0 286.6
56 53.5 43.2 64.8





#27
Carbon Disulfide
Concen: 11.587 ppbv
RT: 4.559 min Scan# 51
Delta R.T. 0.023 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

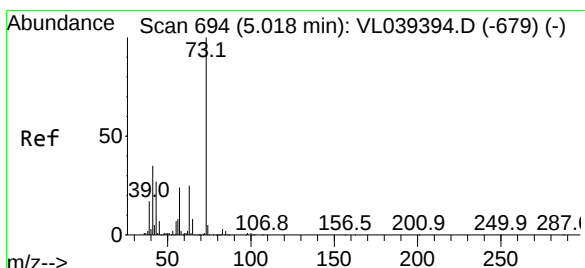
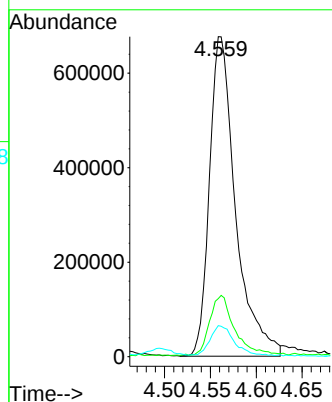
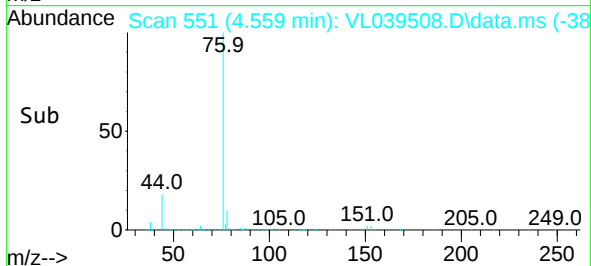
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



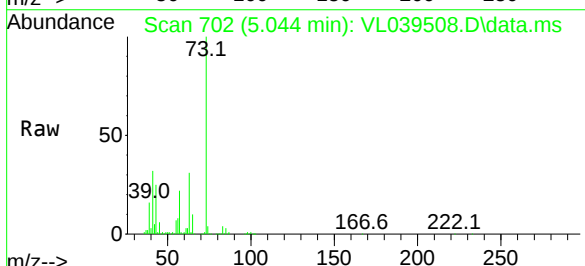
Tgt Ion: 76 Resp: 1337540
Ion Ratio Lower Upper
76 100
44 18.2 14.6 21.8
78 10.0 7.8 11.6

Manual Integrations
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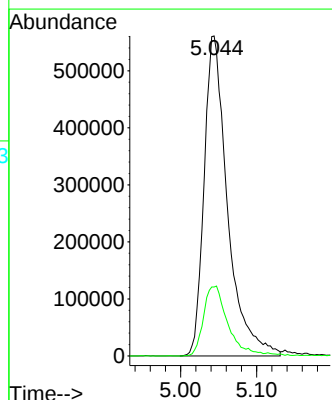
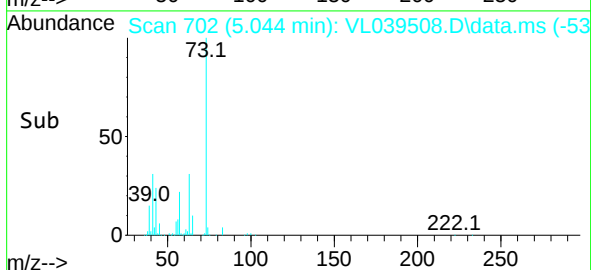
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

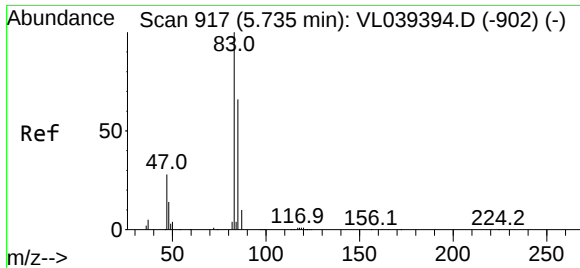


#28
Methyl tert-Butyl Ether
Concen: 11.762 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.026 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



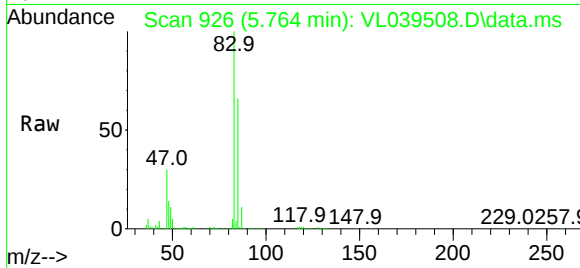
Tgt Ion: 73 Resp: 1202633
Ion Ratio Lower Upper
73 100
57 23.0 19.8 29.8





#29
Chloroform
Concen: 11.173 ppbv
RT: 5.764 min Scan# 917
Delta R.T. 0.029 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

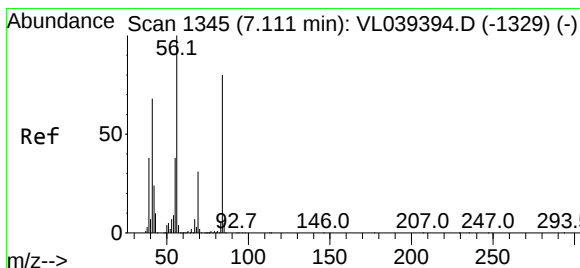
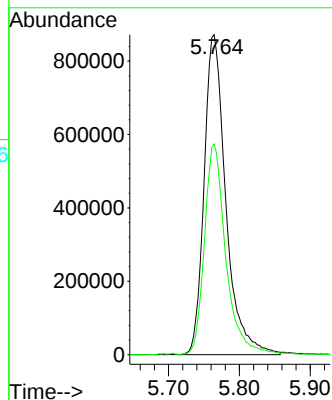
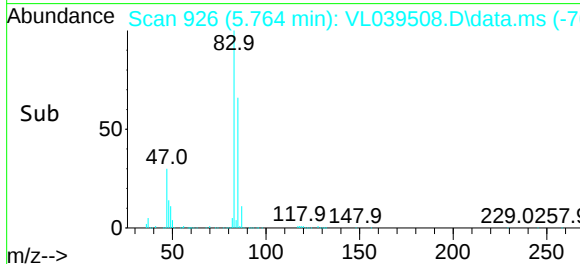
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



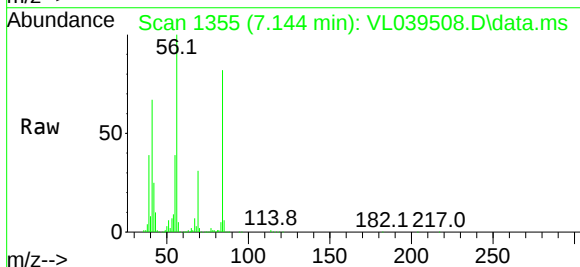
Tgt Ion: 83 Resp: 185802
Ion Ratio Lower Upper
83 100
85 65.8 52.8 79.2

Manual Integrations
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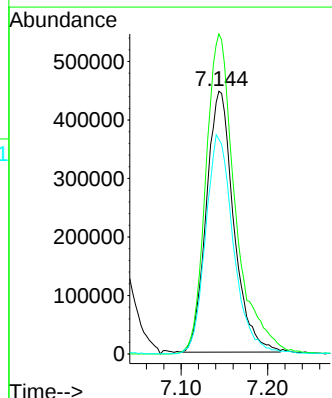
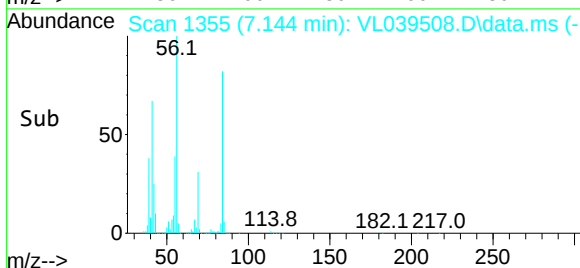
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

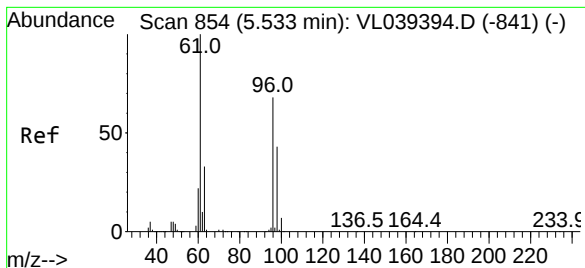


#30
Cyclohexane
Concen: 11.280 ppbv
RT: 7.144 min Scan# 1355
Delta R.T. 0.032 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



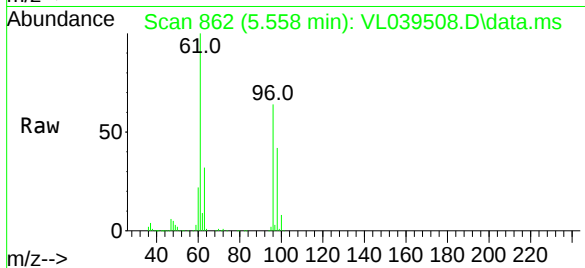
Tgt Ion: 84 Resp: 982090
Ion Ratio Lower Upper
84 100
56 132.8 107.7 161.5
41 86.0 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 11.433 ppbv
RT: 5.558 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

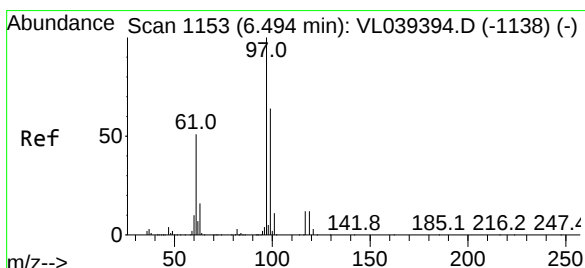
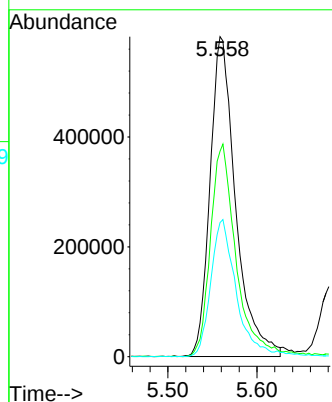
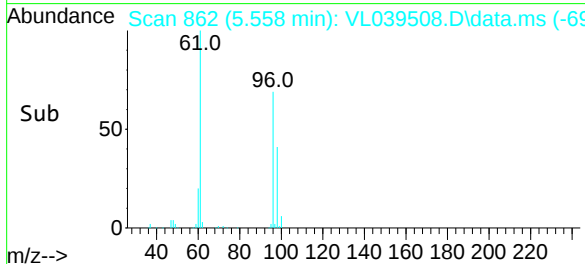
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



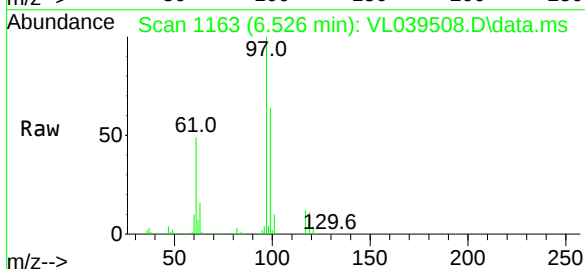
Tgt Ion: 61 Resp: 116017
Ion Ratio Lower Upper
61 100
96 64.1 54.1 81.1
98 41.9 34.6 52.0

Manual Integrations
APPROVED

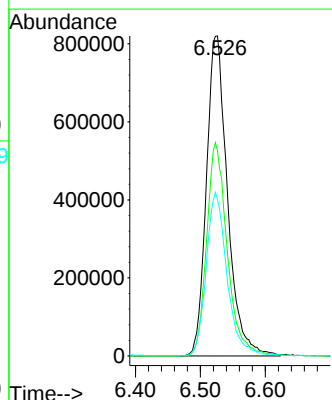
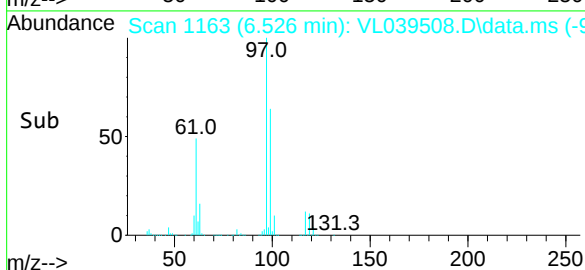
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

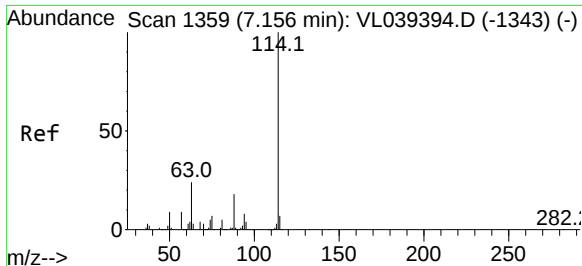


#32
1,1,1-Trichloroethane
Concen: 11.308 ppbv
RT: 6.526 min Scan# 1163
Delta R.T. 0.032 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



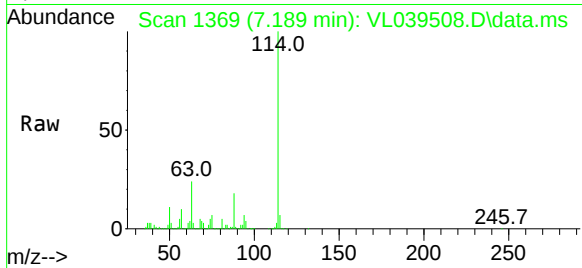
Tgt Ion: 97 Resp: 1856098
Ion Ratio Lower Upper
97 100
99 65.4 52.3 78.5
61 50.9 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.189 min Scan# 114
Delta R.T. 0.032 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

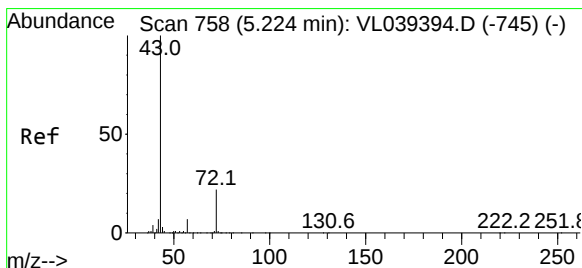
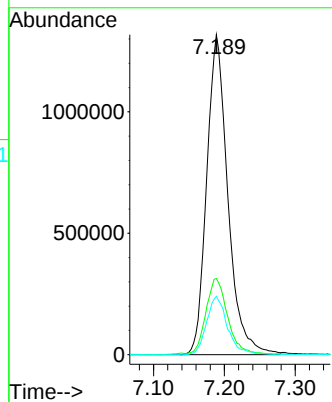
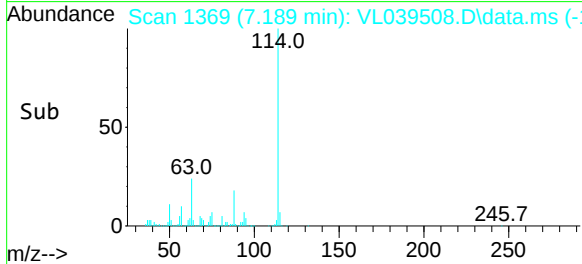
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 273646
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.0 14.5 21.7

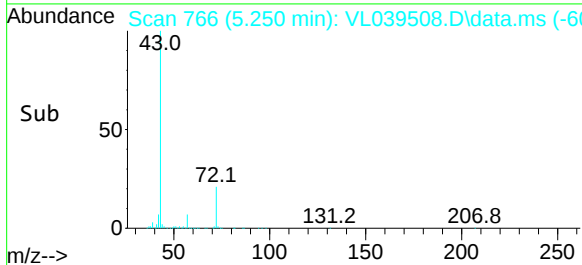
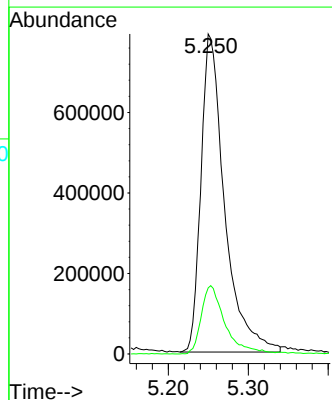
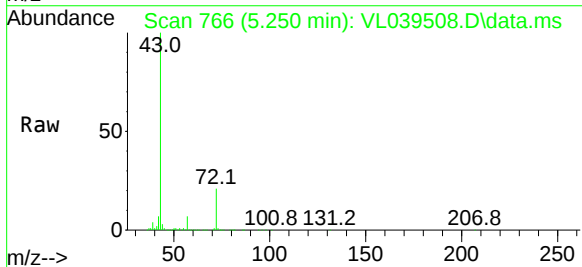
Manual Integrations
APPROVED

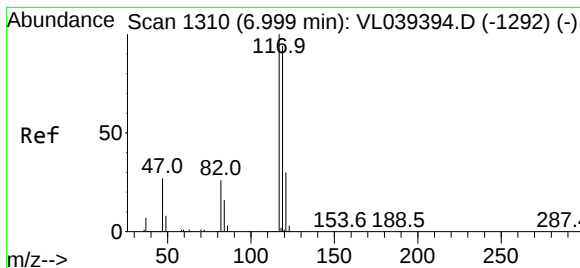
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#34
2-Butanone
Concen: 11.783 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.026 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

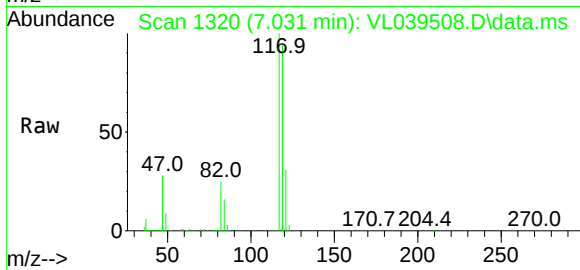
Tgt Ion: 43 Resp: 1623140
Ion Ratio Lower Upper
43 100
72 22.1 17.9 26.9





#35
Carbon Tetrachloride
Concen: 11.762 ppbv
RT: 7.031 min Scan# 11
Delta R.T. 0.032 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

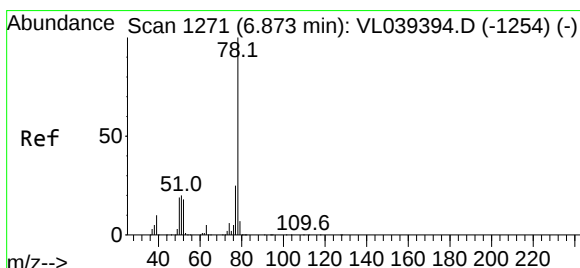
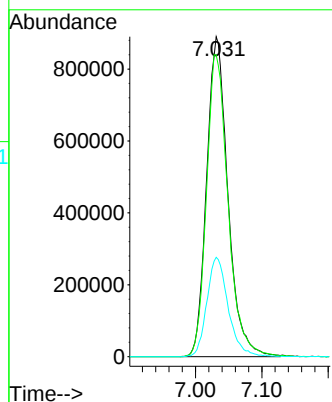
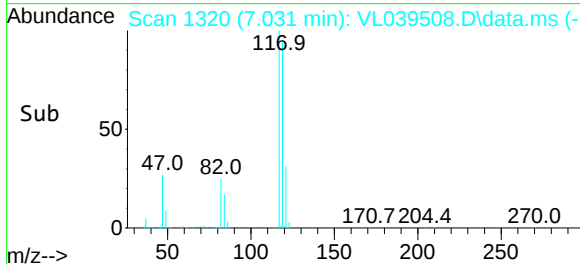
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1988762
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2
121 31.1 24.2 36.2

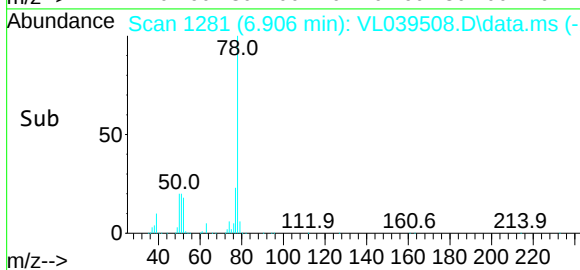
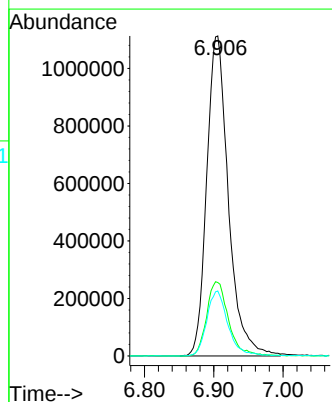
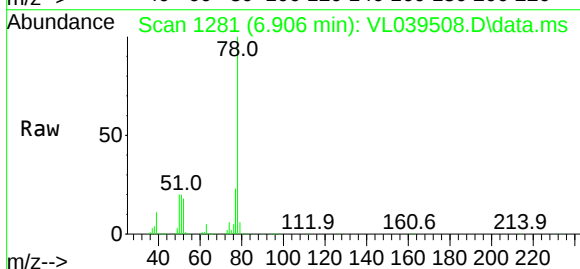
Manual Integrations
APPROVED

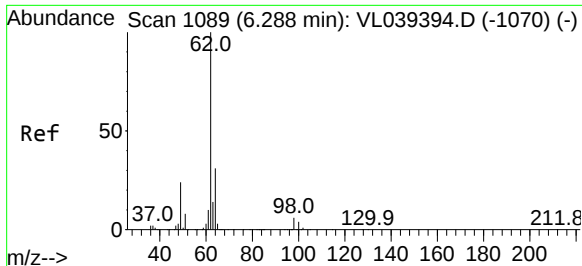
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#36
Benzene
Concen: 11.388 ppbv
RT: 6.906 min Scan# 1281
Delta R.T. 0.032 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

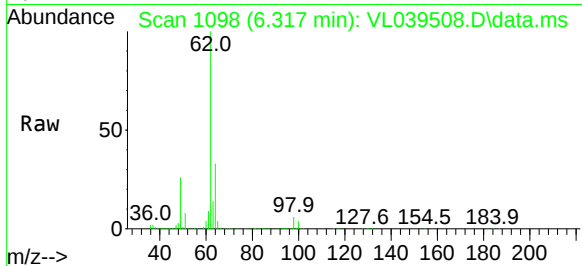
Tgt Ion: 78 Resp: 2411886
Ion Ratio Lower Upper
78 100
77 23.0 20.3 30.5
50 20.3 15.5 23.3





#37
1,2-Dichloroethane
Concen: 11.159 ppbv
RT: 6.317 min Scan# 1089
Delta R.T. 0.029 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

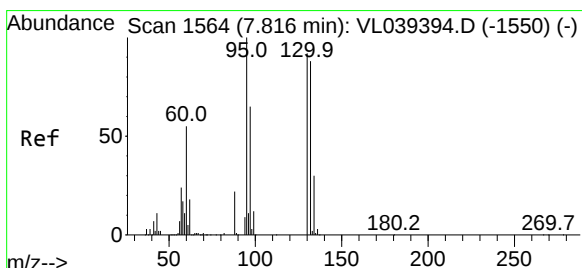
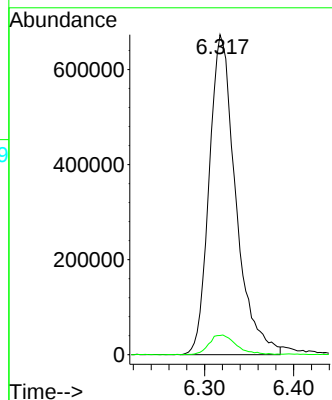
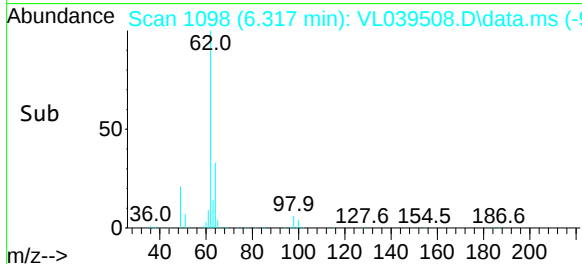
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1394918
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

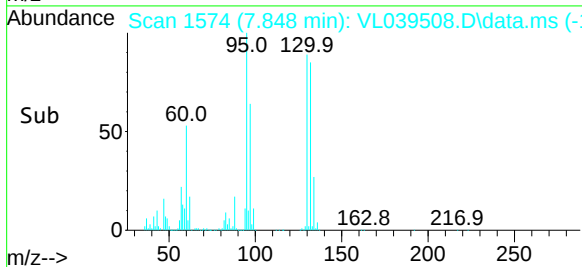
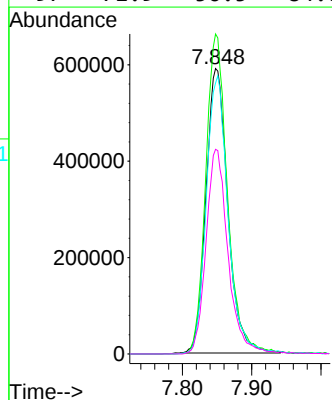
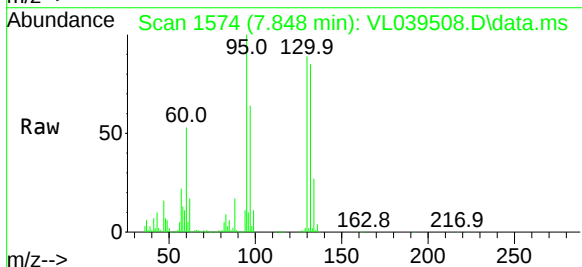
Manual Integrations
APPROVED

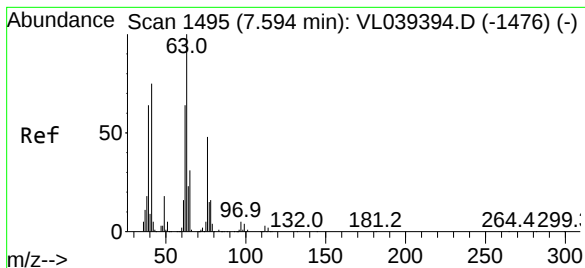
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#38
Trichloroethene
Concen: 11.272 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.032 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

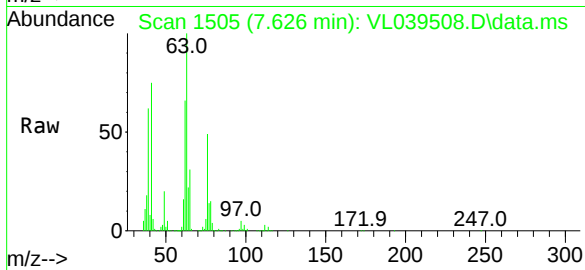
Tgt Ion:130 Resp: 1291205
Ion Ratio Lower Upper
130 100
95 112.3 87.3 130.9
132 95.1 76.7 115.1
97 71.9 56.5 84.7





#39
1,2-Dichloropropane
Concen: 11.332 ppbv
RT: 7.626 min Scan# 1505
Delta R.T. 0.032 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

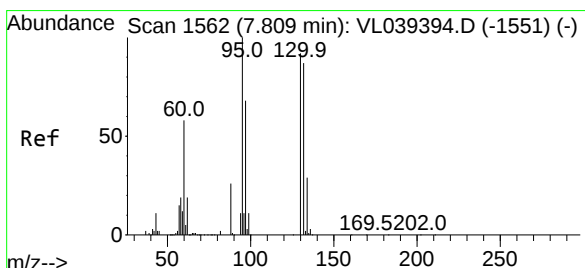
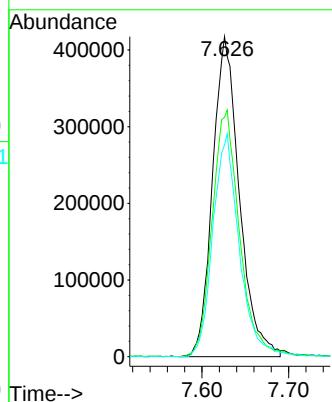
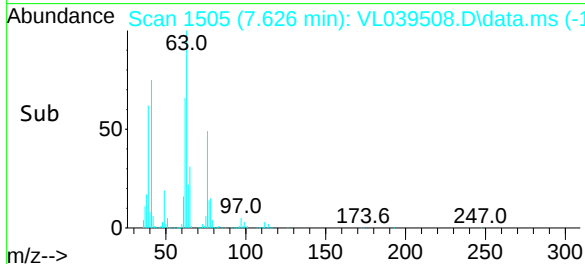
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



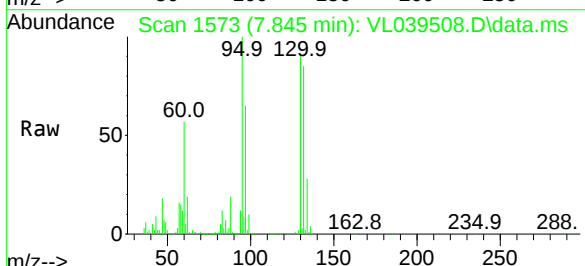
Tgt Ion: 63 Resp: 896625
Ion Ratio Lower Upper
63 100
41 74.9 59.6 89.4
62 66.2 51.4 77.0

Manual Integrations
APPROVED

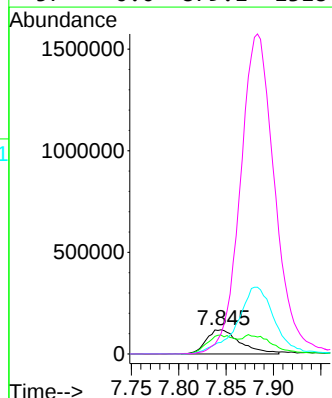
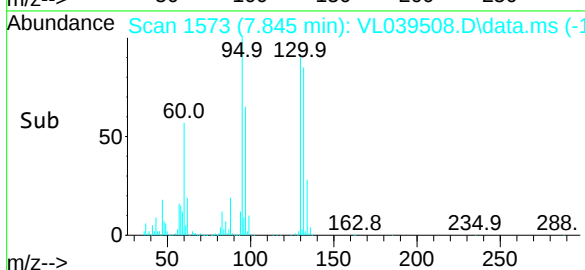
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

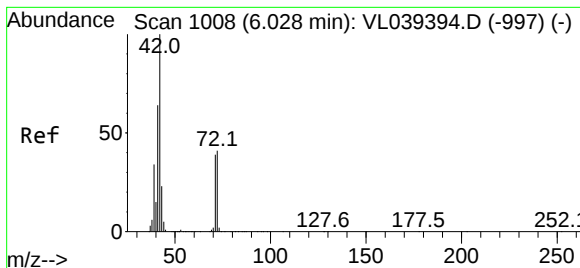


#40
1,4-Dioxane
Concen: 9.488 ppbv m
RT: 7.845 min Scan# 1573
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



Tgt Ion: 88 Resp: 299144
Ion Ratio Lower Upper
88 100
58 65.5 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





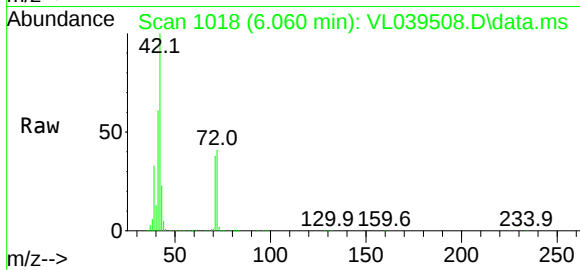
#41
Tetrahydrofuran
Concen: 11.842 ppbv
RT: 6.060 min Scan# 1018
Delta R.T. 0.032 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

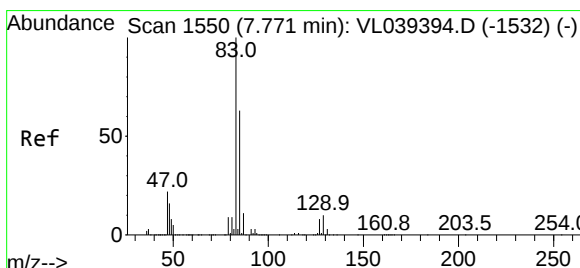
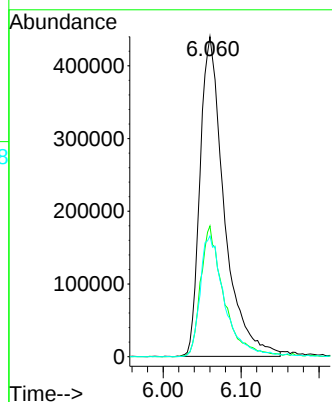
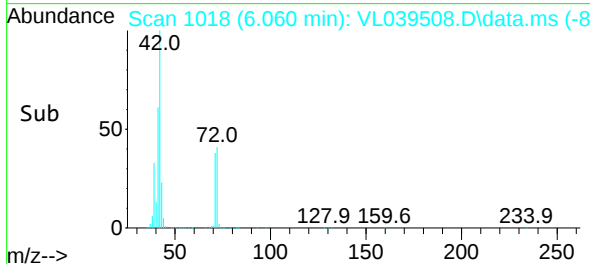


Tgt Ion: 42 Resp: 94525
Ion Ratio Lower Upper
42 100
72 40.0 31.8 47.8
71 39.0 31.8 47.8

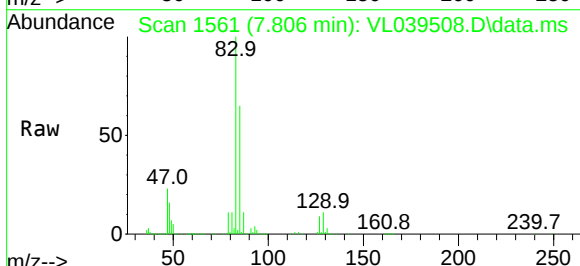
Manual Integrations

APPROVED

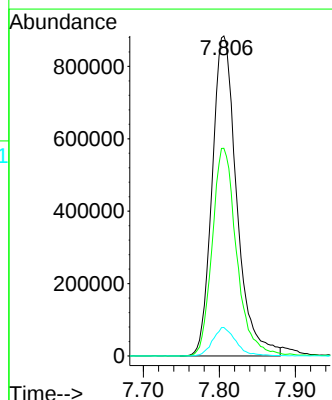
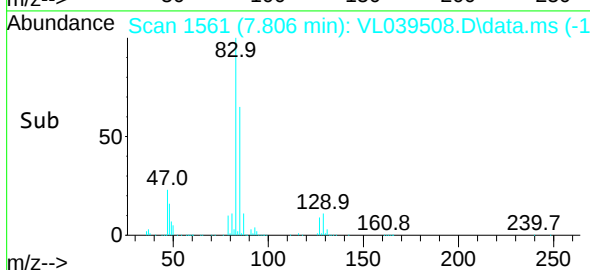
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

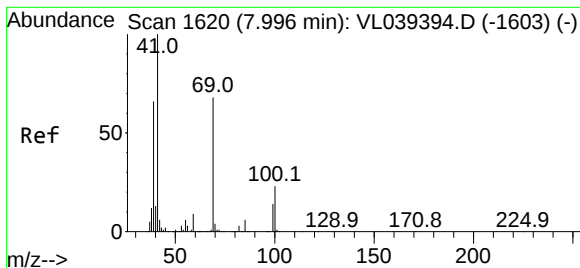


#42
Bromodichloromethane
Concen: 11.780 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



Tgt Ion: 83 Resp: 1985548
Ion Ratio Lower Upper
83 100
85 64.9 50.7 76.1
127 8.9 6.6 9.8





#43

Methyl Methacrylate

Concen: 12.209 ppbv

RT: 8.025 min Scan# 1

Delta R.T. 0.029 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 983230

Ion Ratio Lower Upper

69 100

41 149.7 120.8 181.2

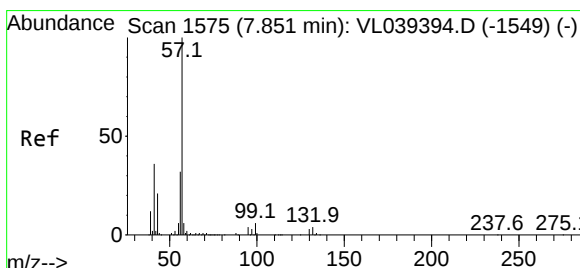
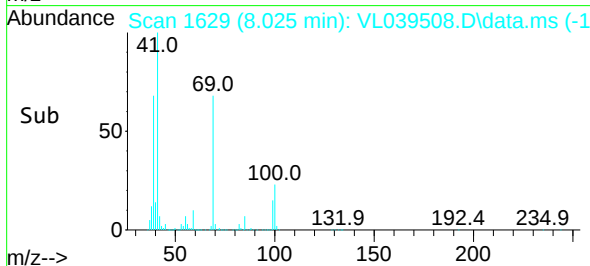
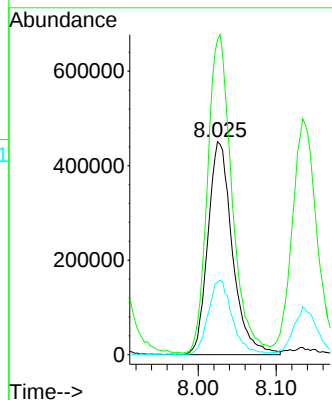
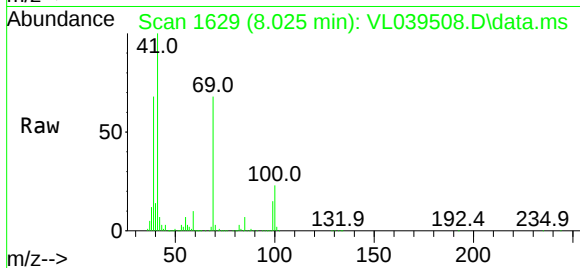
100 34.7 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#44

2,2,4-Trimethylpentane

Concen: 11.143 ppbv

RT: 7.883 min Scan# 1585

Delta R.T. 0.032 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

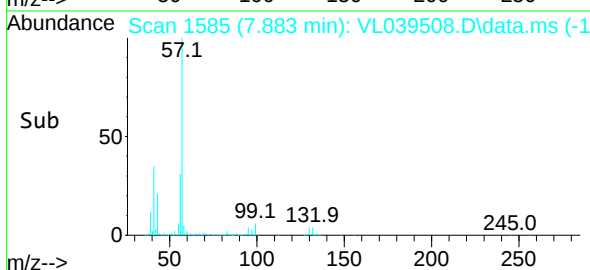
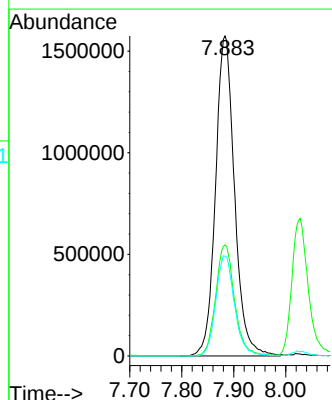
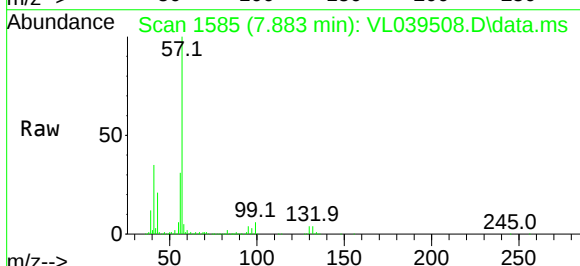
Tgt Ion: 57 Resp: 3999312

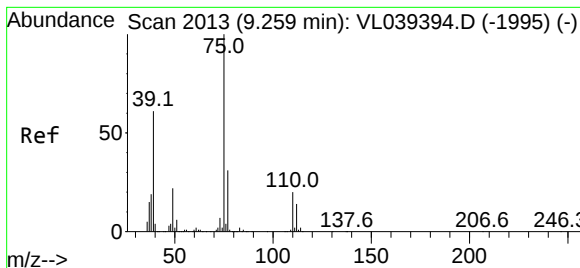
Ion Ratio Lower Upper

57 100

41 34.4 27.4 41.2

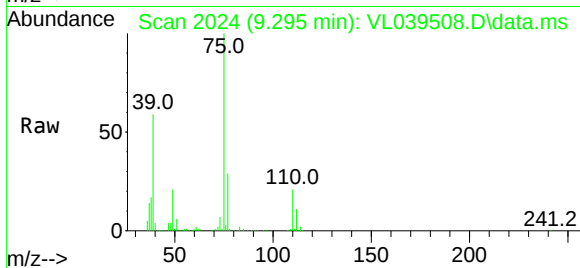
56 31.0 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 13.796 ppbv
RT: 9.295 min Scan# 2013
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

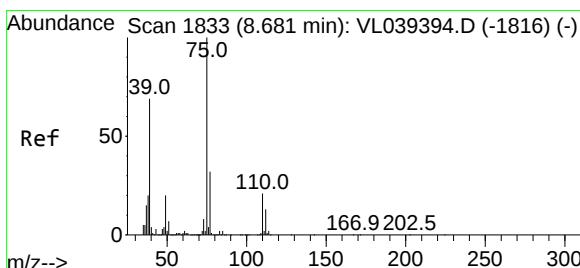
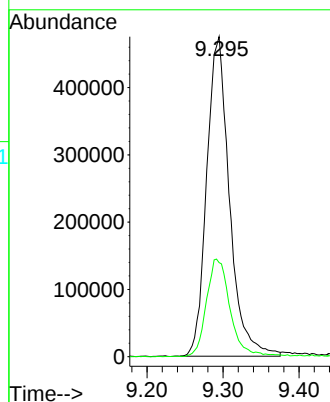
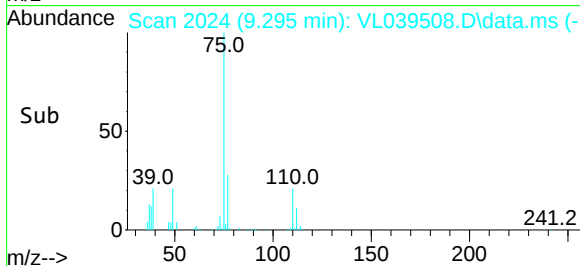
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 989144
Ion Ratio Lower Upper
75 100
77 29.4 24.6 36.8

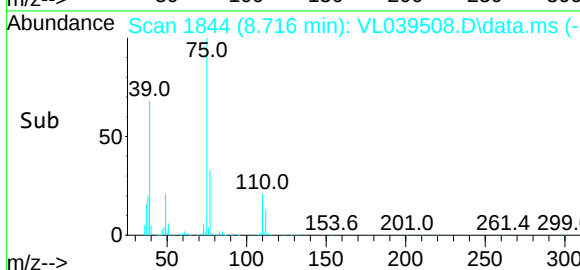
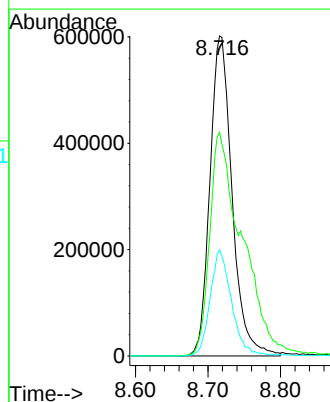
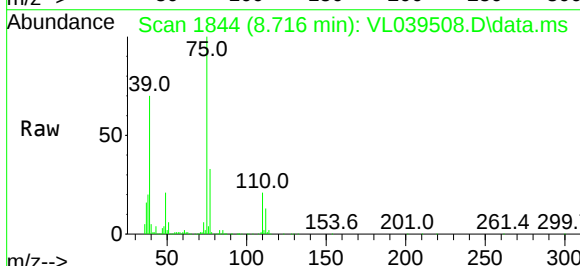
Manual Integrations
APPROVED

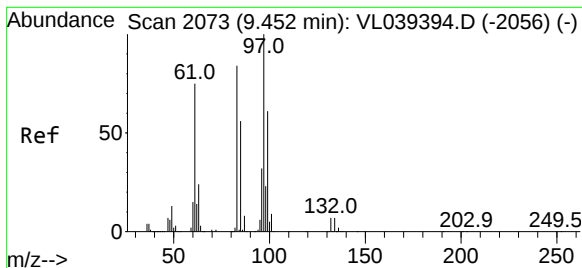
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#46
cis-1,3-Dichloropropene
Concen: 12.917 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

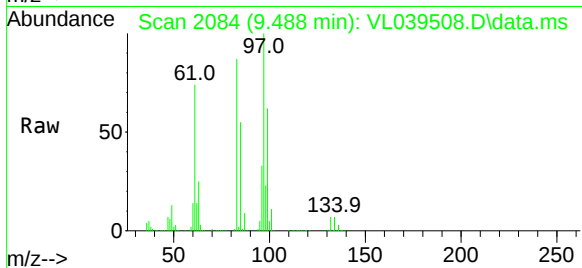
Tgt Ion: 75 Resp: 1274783
Ion Ratio Lower Upper
75 100
39 69.8 55.0 82.4
77 33.2 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 11.204 ppbv
RT: 9.488 min Scan# 2073
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

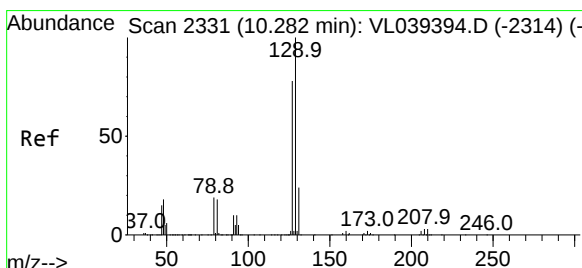
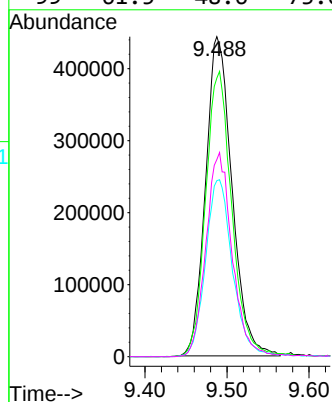
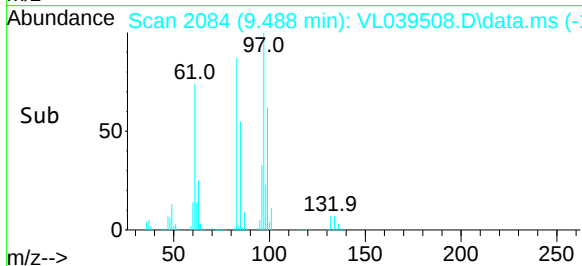
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



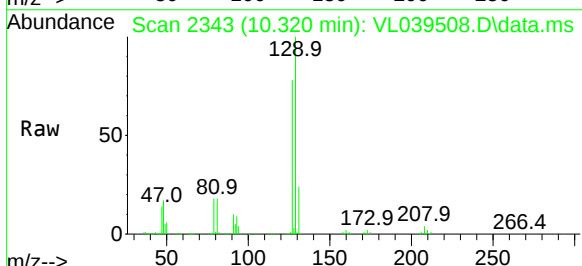
Tgt Ion: 97 Resp: 994625
Ion Ratio Lower Upper
97 100
83 87.0 67.4 101.0
85 54.9 45.1 67.7
99 61.5 48.6 73.0

Manual Integrations
APPROVED

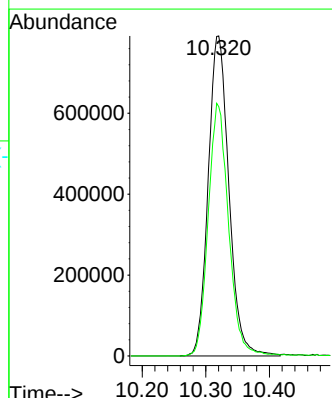
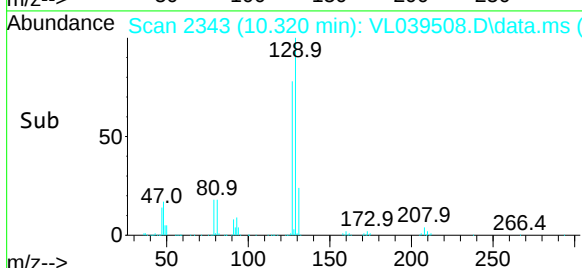
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

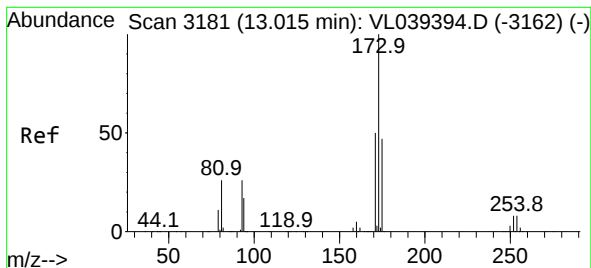


#48
Dibromochloromethane
Concen: 12.668 ppbv
RT: 10.320 min Scan# 2343
Delta R.T. 0.039 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



Tgt Ion:129 Resp: 1787405
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.9





#49

Bromoform

Concen: 13.085 ppbv

RT: 13.057 min Scan# 3181

Delta R.T. 0.042 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1489530

Ion Ratio Lower Upper

173 100

175 50.3 40.3 60.5

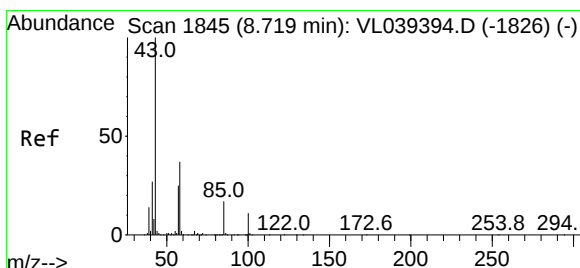
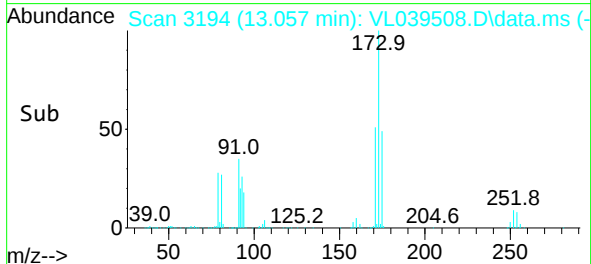
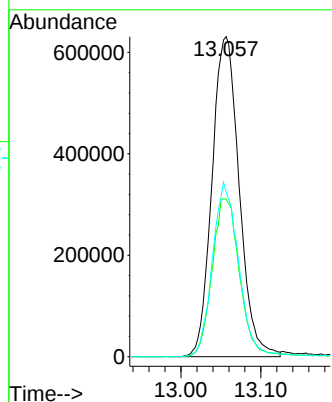
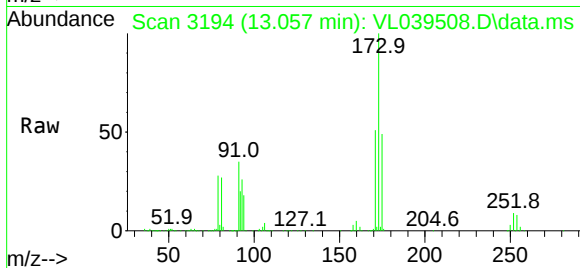
171 52.7 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#50

4-Methyl-2-Pentanone

Concen: 12.154 ppbv

RT: 8.751 min Scan# 1855

Delta R.T. 0.032 min

Lab File: VL039508.D

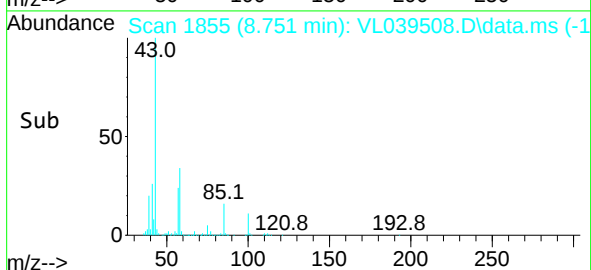
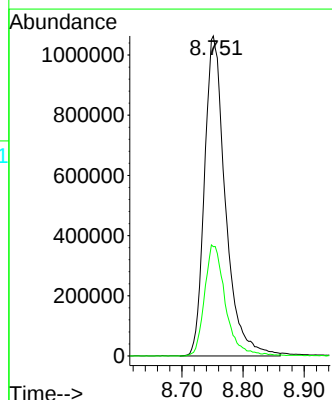
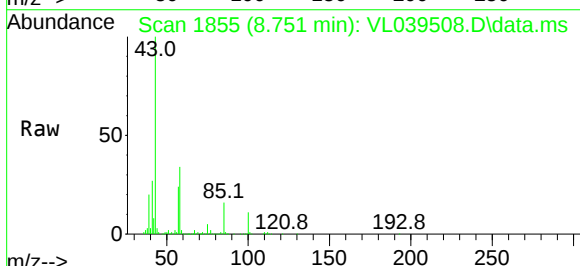
Acq: 20 Jul 2022 11:39

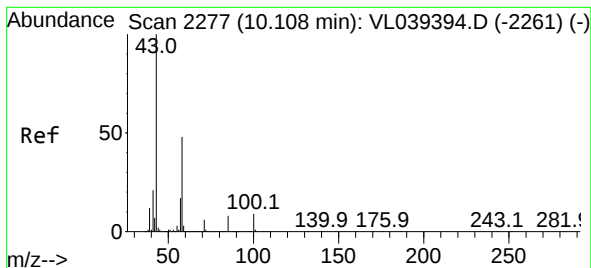
Tgt Ion: 43 Resp: 2531441

Ion Ratio Lower Upper

43 100

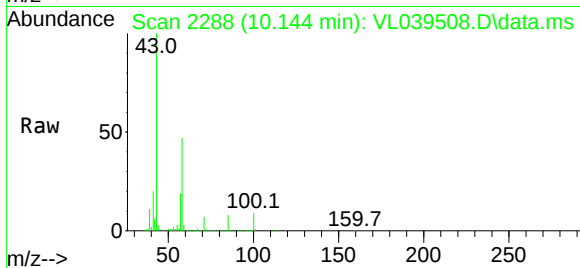
58 34.9 28.8 43.2





#51
2-Hexanone
Concen: 12.426 ppbv
RT: 10.144 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

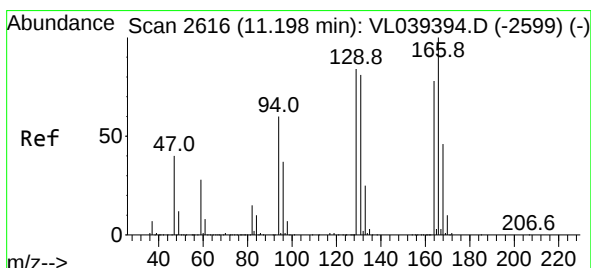
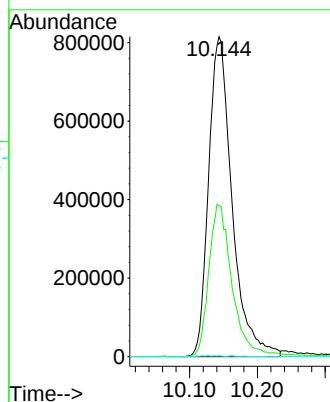
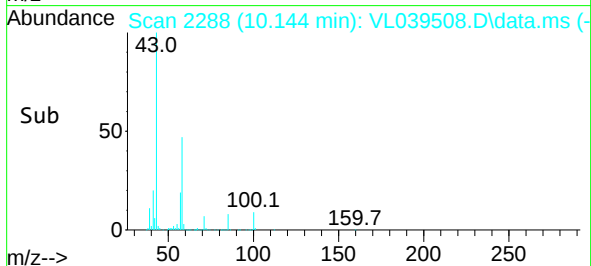
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 195769
Ion Ratio Lower Upper
43 100
58 47.7 38.4 57.6
98 0.5 0.3 0.5

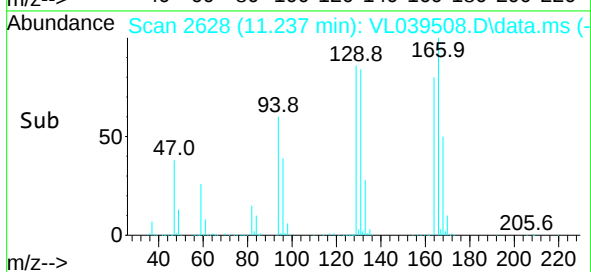
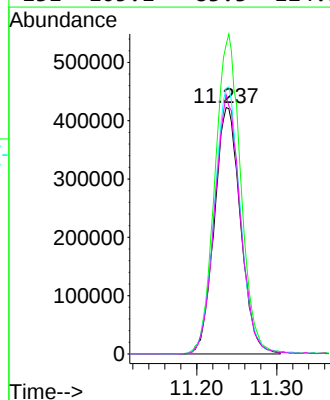
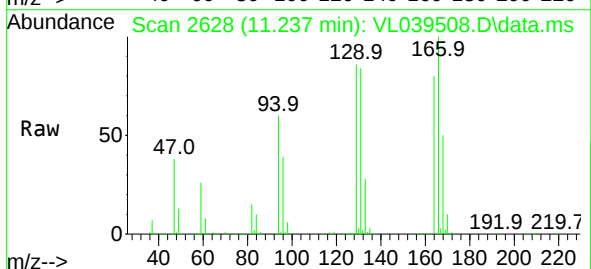
Manual Integrations
APPROVED

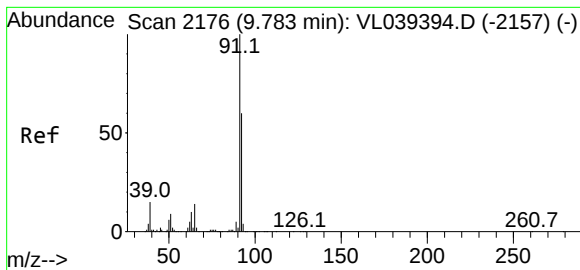
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#52
Tetrachloroethene
Concen: 11.196 ppbv
RT: 11.237 min Scan# 2628
Delta R.T. 0.039 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

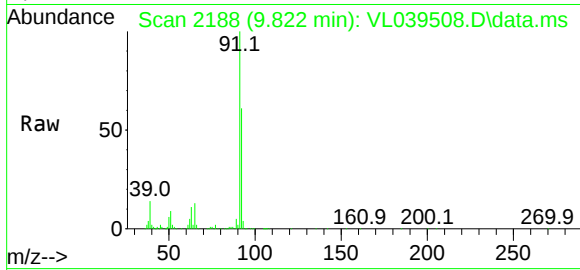
Tgt Ion:164 Resp: 954561
Ion Ratio Lower Upper
164 100
166 125.3 102.2 153.2
129 107.8 85.8 128.8
131 105.1 83.3 124.9





#53
Toluene
Concen: 11.853 ppbv
RT: 9.822 min Scan# 2176
Delta R.T. 0.039 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

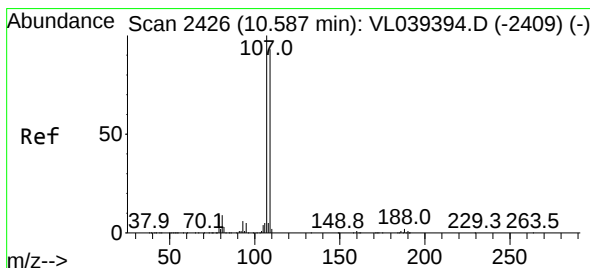
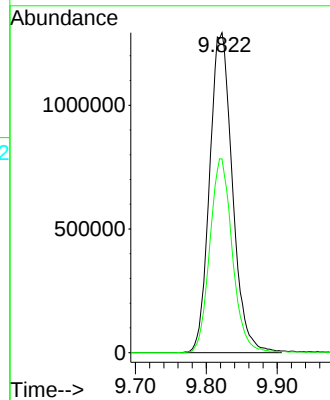
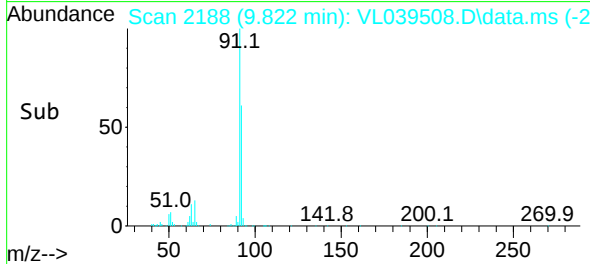
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



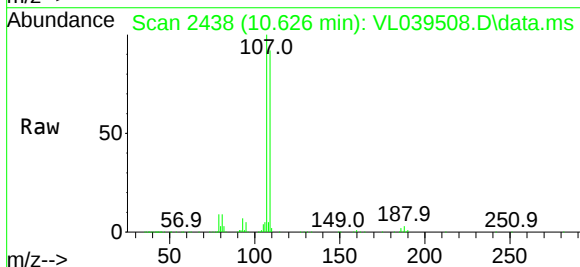
Tgt Ion: 91 Resp: 289573
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.2

Manual Integrations
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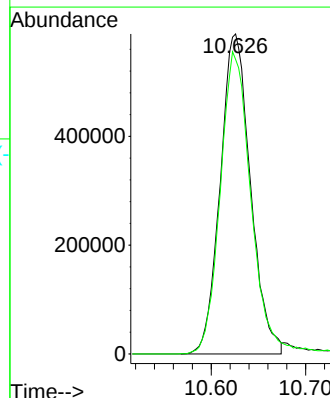
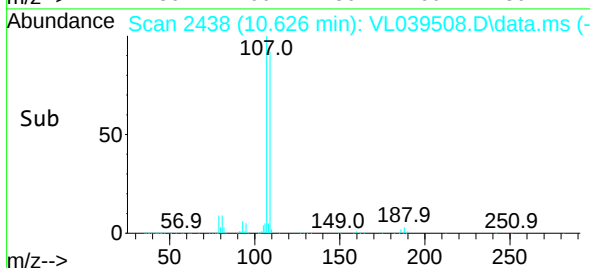
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

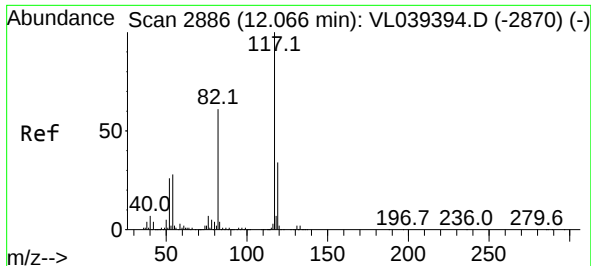


#54
1,2-Dibromoethane
Concen: 11.827 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.039 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



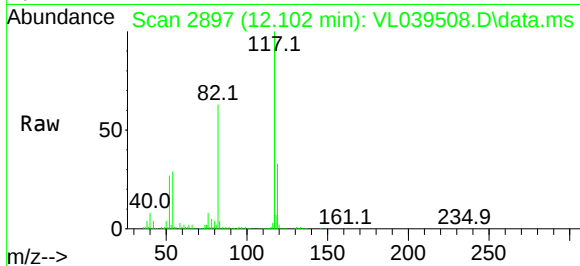
Tgt Ion:107 Resp: 1306444
Ion Ratio Lower Upper
107 100
109 92.0 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.102 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

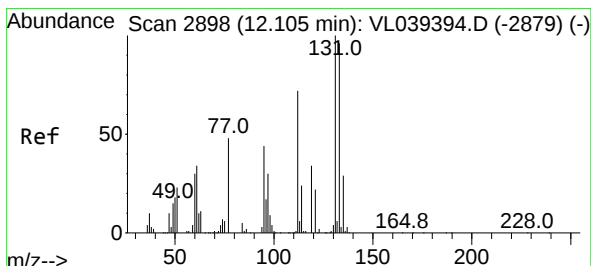
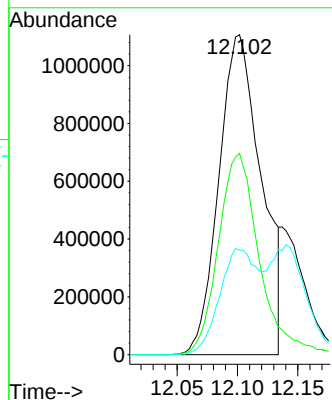
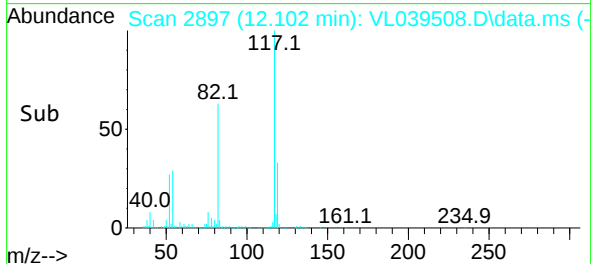
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



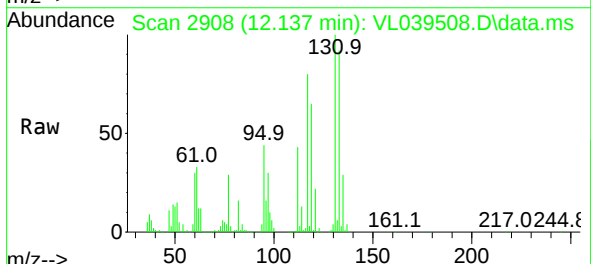
Tgt Ion:117 Resp: 269789
Ion Ratio Lower Upper
117 100
82 62.0 50.8 76.2
119 30.4 24.1 36.1

Manual Integrations
APPROVED

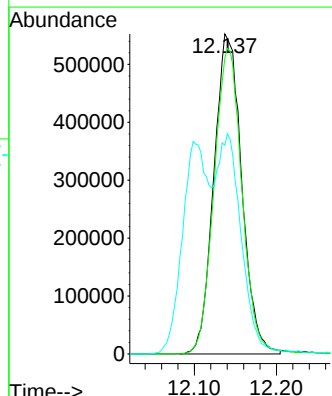
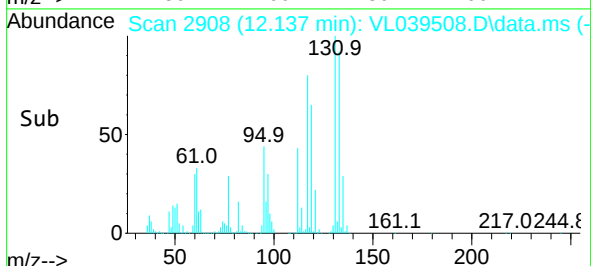
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

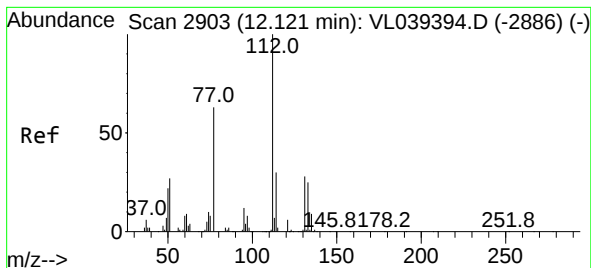


#56
1,1,1,2-Tetrachloroethane
Concen: 10.937 ppbv
RT: 12.137 min Scan# 2908
Delta R.T. 0.032 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



Tgt Ion:131 Resp: 1303551
Ion Ratio Lower Upper
131 100
133 96.2 76.8 115.2
119 62.7 46.2 69.4





#57

Chlorobenzene

Concen: 10.589 ppbv

RT: 12.163 min Scan# 2916

Delta R.T. 0.042 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

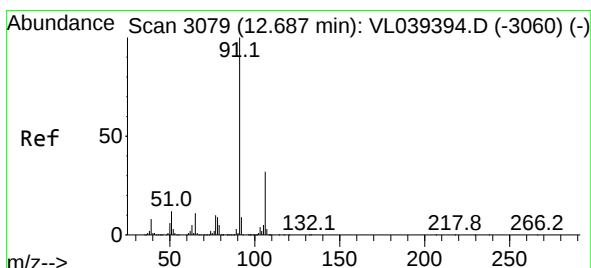
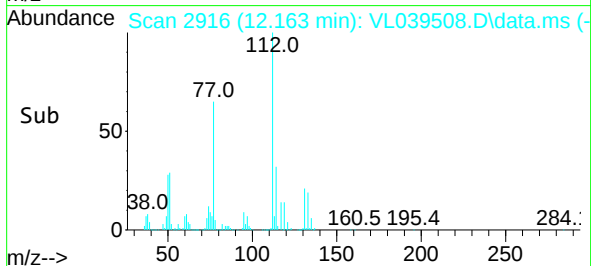
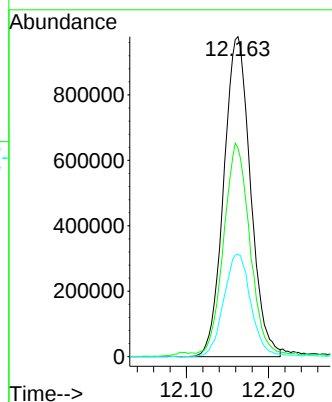
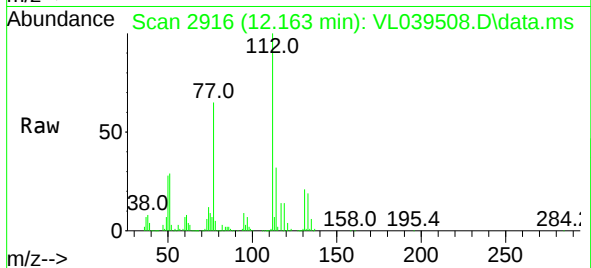
Tgt Ion: 112 Resp: 221478

Ion	Ratio	Lower	Upper
112	100		
77	63.8	51.0	76.4
114	32.1	27.5	33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#58

Ethyl Benzene

Concen: 11.088 ppbv

RT: 12.725 min Scan# 3091

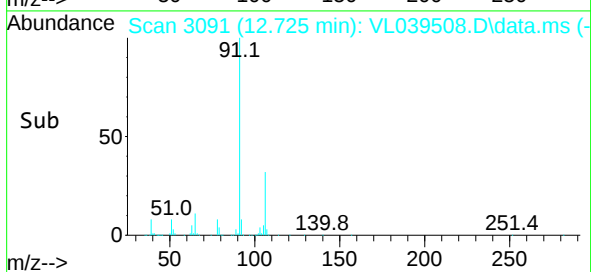
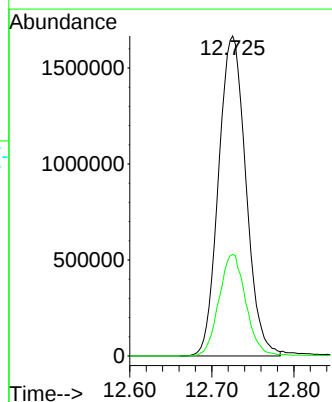
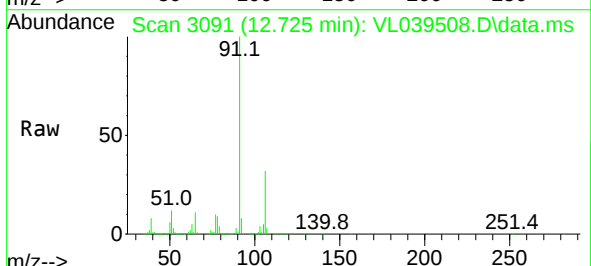
Delta R.T. 0.039 min

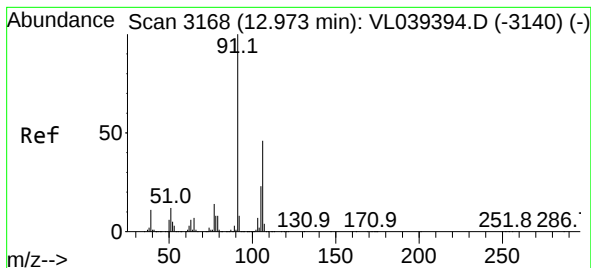
Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Tgt Ion: 91 Resp: 3862596

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.4	38.0





#59

m/p-Xylene

Concen: 21.634 ppbv m

RT: 13.008 min Scan# 3168

Delta R.T. 0.035 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 664430

Ion Ratio Lower Upper

91 100

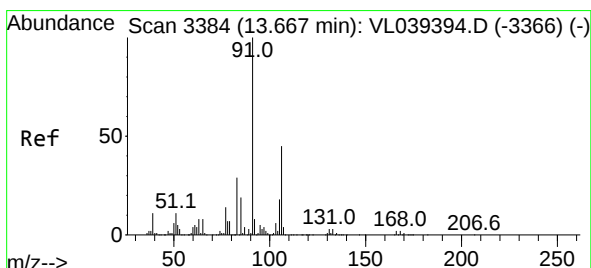
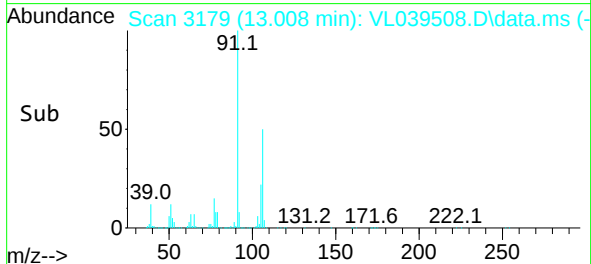
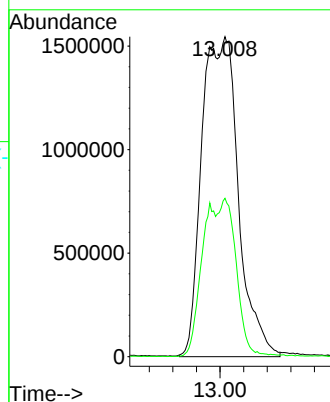
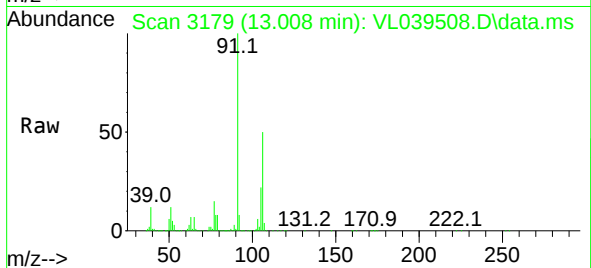
106 45.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#60

o-Xylene

Concen: 11.076 ppbv

RT: 13.706 min Scan# 3396

Delta R.T. 0.039 min

Lab File: VL039508.D

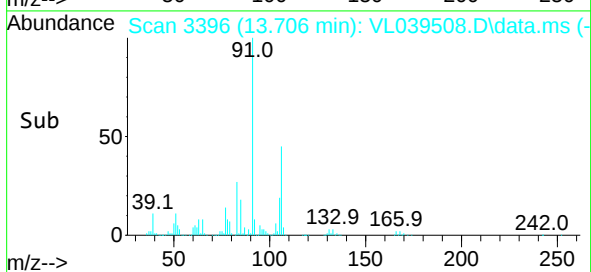
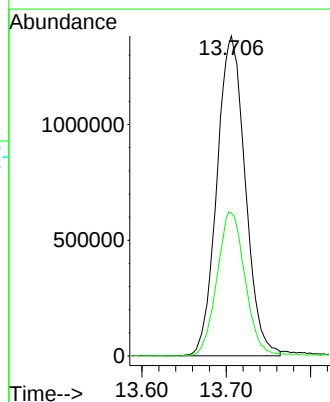
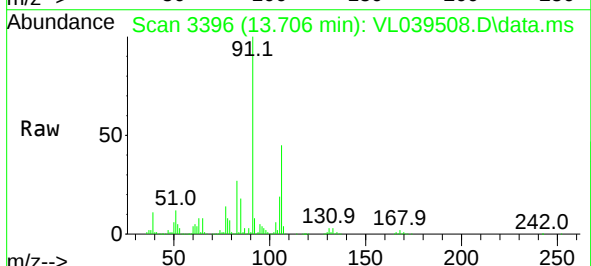
Acq: 20 Jul 2022 11:39

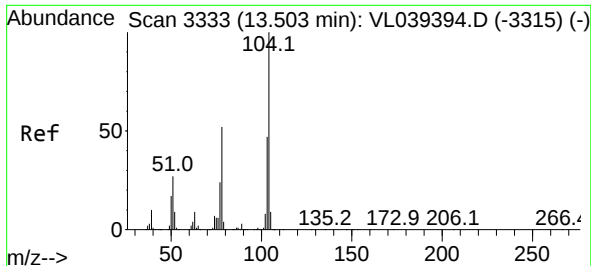
Tgt Ion: 91 Resp: 3221290

Ion Ratio Lower Upper

91 100

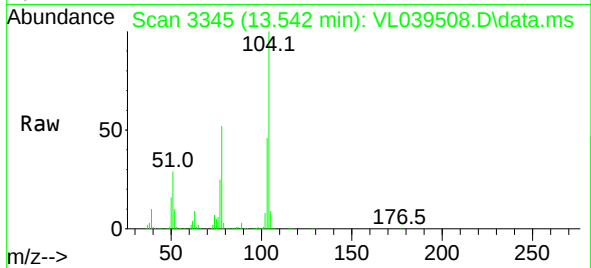
106 45.0 22.4 67.3





#61
Styrene
Concen: 12.151 ppbv
RT: 13.542 min Scan# 31
Delta R.T. 0.039 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

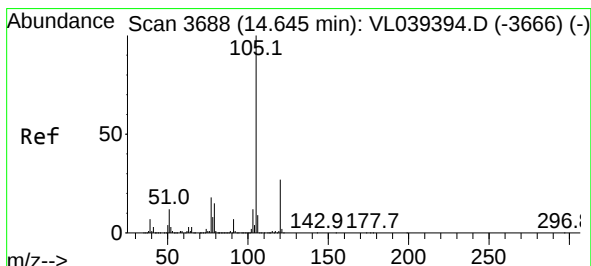
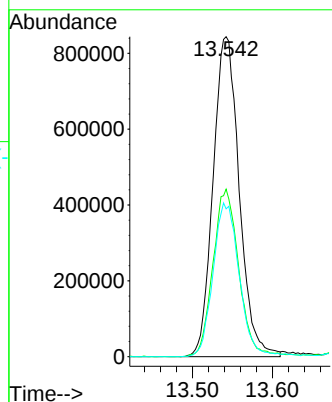
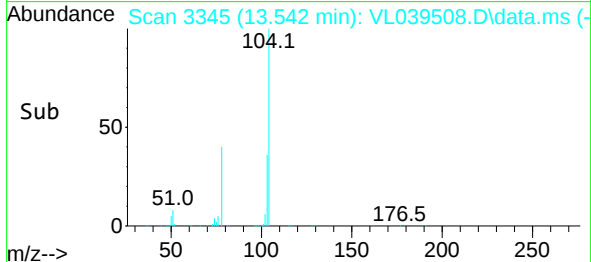
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



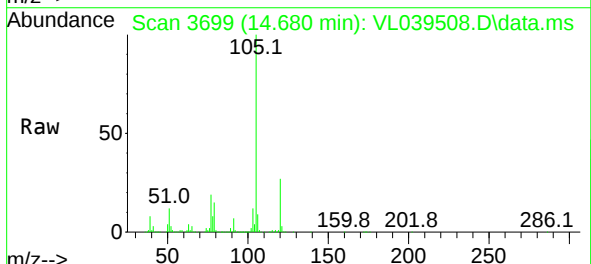
Tgt Ion:104 Resp: 1914318
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 48.6 38.7 58.1

Manual Integrations
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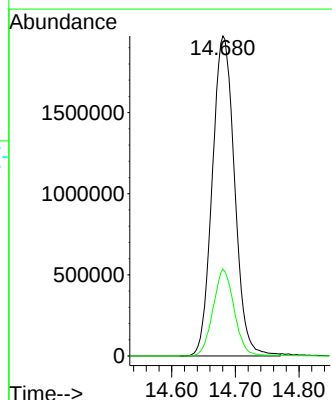
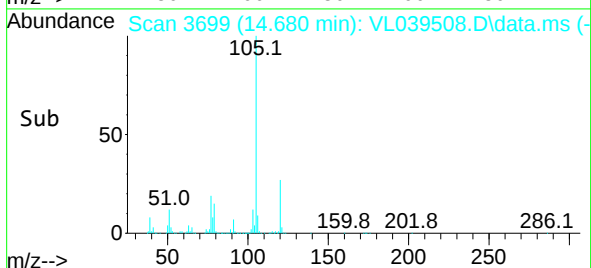
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

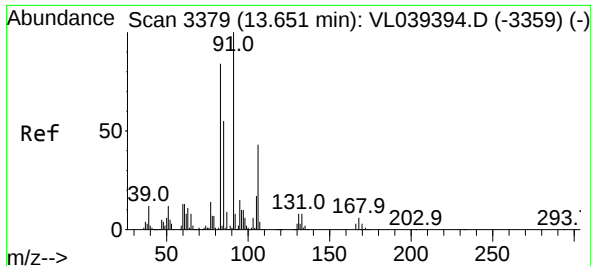


#62
Isopropylbenzene
Concen: 10.832 ppbv
RT: 14.680 min Scan# 3699
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



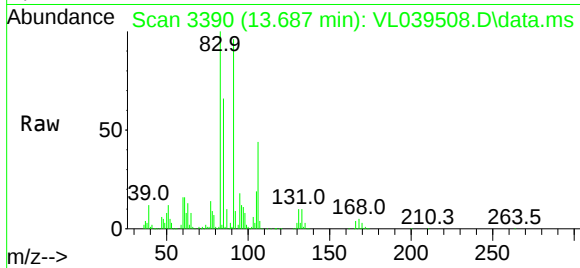
Tgt Ion:105 Resp: 4797178
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 10.024 ppbv
RT: 13.687 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

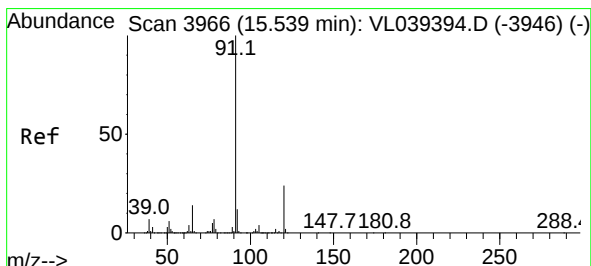
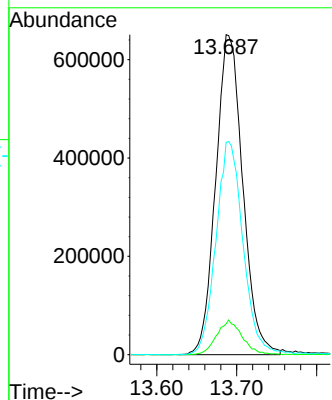
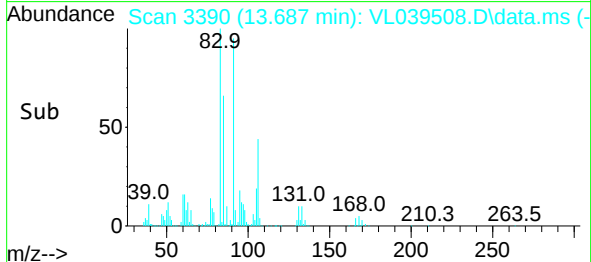
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



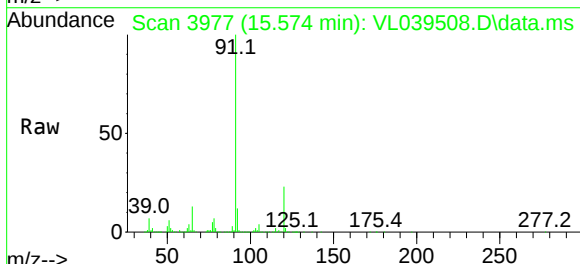
Tgt Ion: 83 Resp: 152801
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 67.0 33.1 99.5

Manual Integrations
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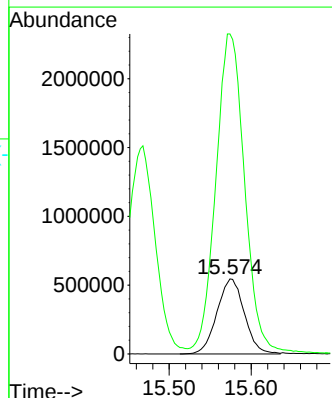
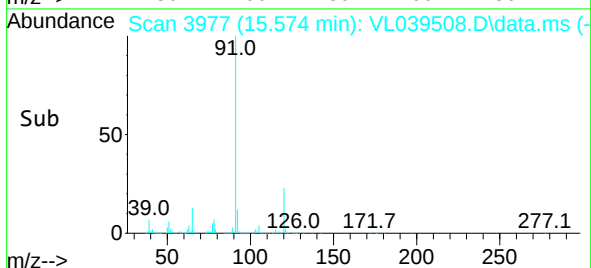
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

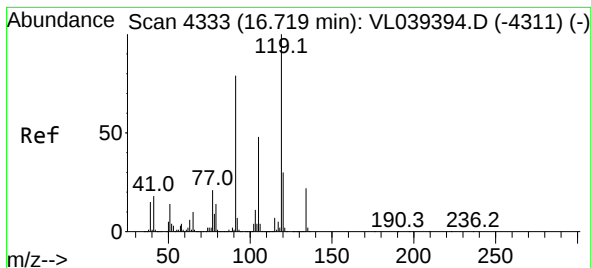


#64
n-propylbenzene
Concen: 11.264 ppbv
RT: 15.574 min Scan# 3977
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



Tgt Ion:120 Resp: 1264420
Ion Ratio Lower Upper
120 100
91 451.0 367.2 550.8





#65

tert-Butylbenzene

Concen: 10.811 ppbv

RT: 16.757 min Scan# 41

Delta R.T. 0.039 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 442456

Ion Ratio Lower Upper

119 100

91 78.8 63.4 95.2

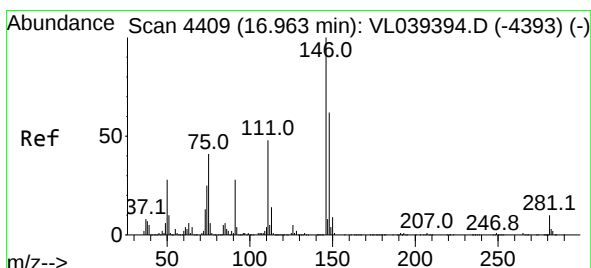
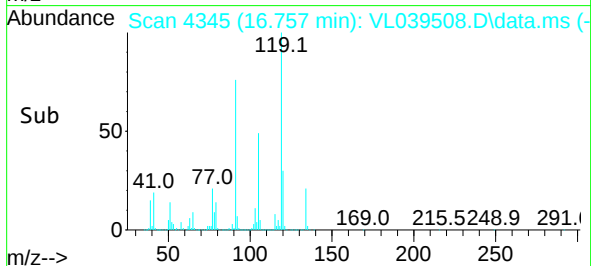
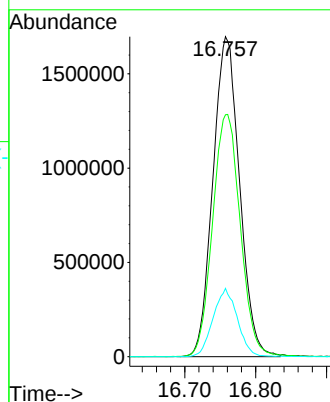
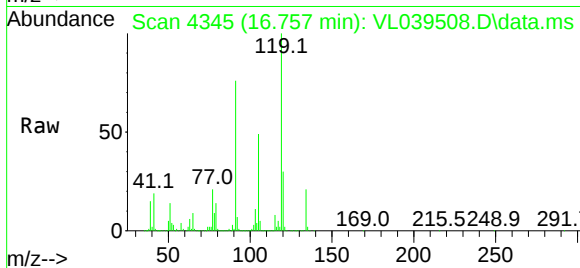
134 19.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#66

Benzyl Chloride

Concen: 12.196 ppbv

RT: 16.999 min Scan# 4420

Delta R.T. 0.035 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

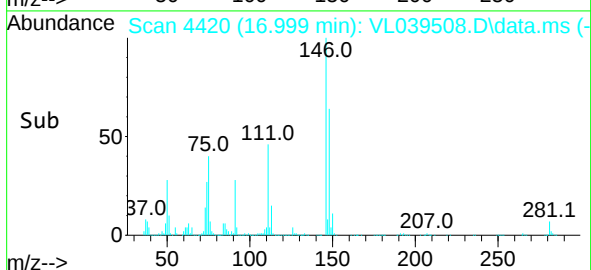
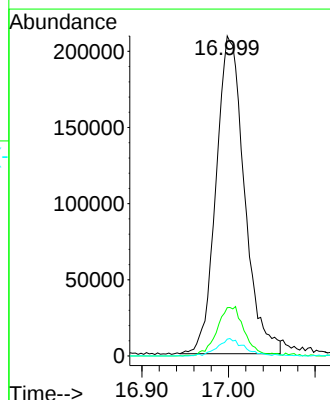
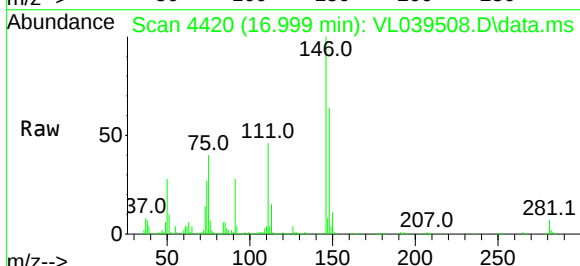
Tgt Ion: 91 Resp: 474296

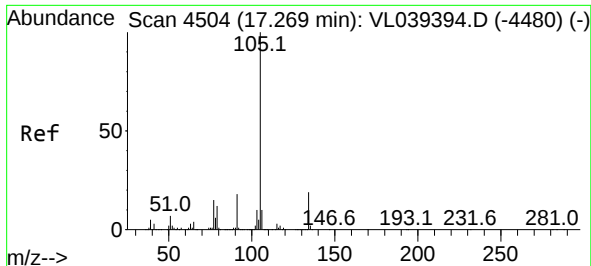
Ion Ratio Lower Upper

91 100

126 15.4 13.1 19.7

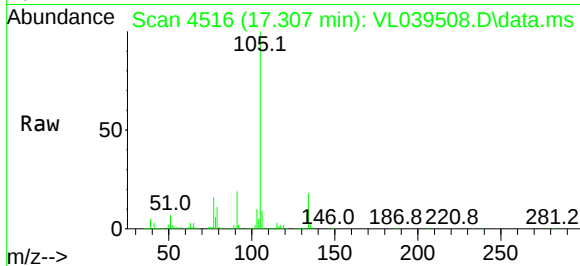
128 5.4 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.918 ppbv
 RT: 17.307 min Scan# 41
 Delta R.T. 0.039 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39

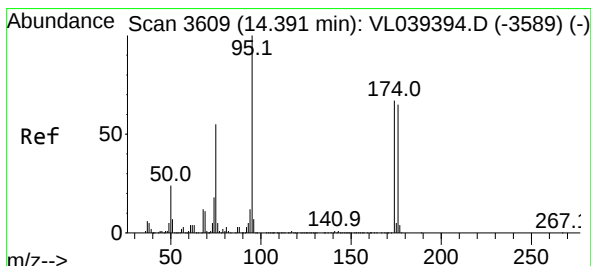
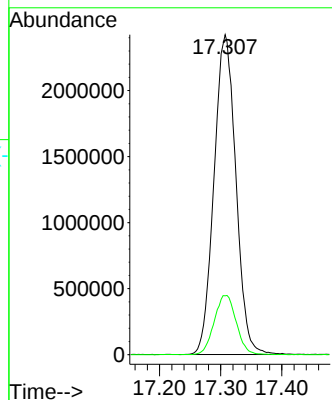
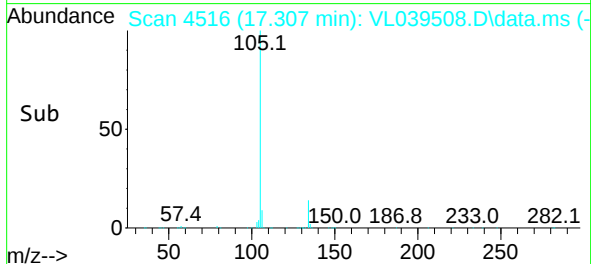
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 601866
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2

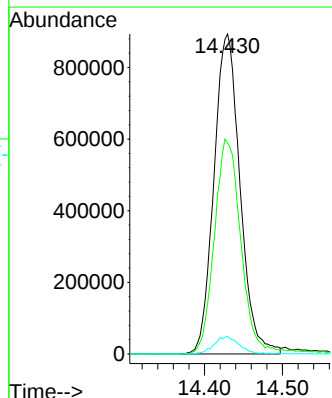
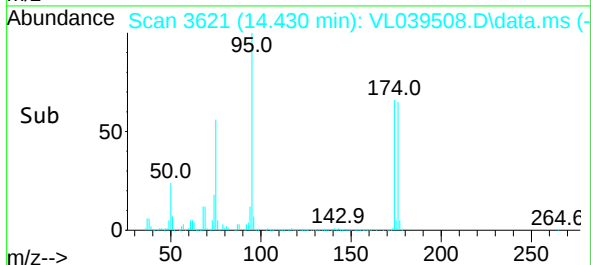
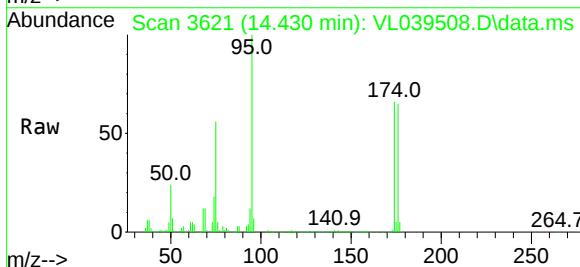
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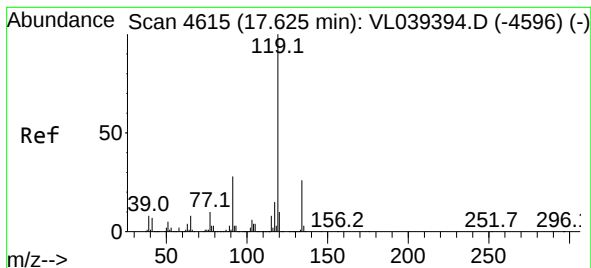
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.407 ppbv
 RT: 14.430 min Scan# 3621
 Delta R.T. 0.039 min
 Lab File: VL039508.D
 Acq: 20 Jul 2022 11:39

Tgt Ion: 95 Resp: 2082913
 Ion Ratio Lower Upper
 95 100
 174 69.5 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 11.122 ppbv

RT: 17.664 min Scan# 40

Delta R.T. 0.039 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 5201849

Ion Ratio Lower Upper

119 100

134 25.4 20.3 30.5

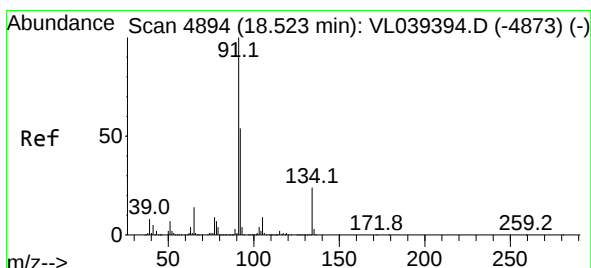
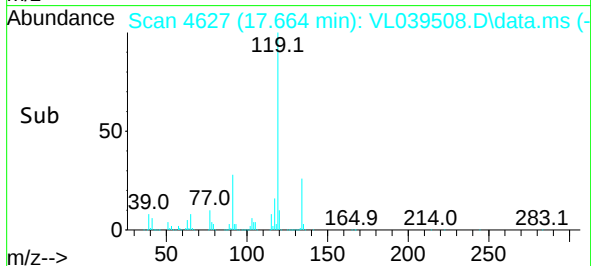
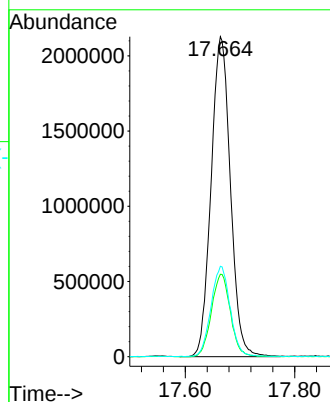
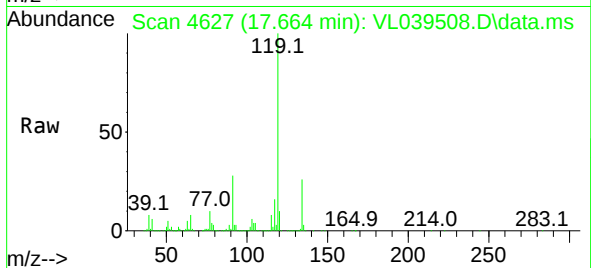
91 28.0 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#70

n-Butylbenzene

Concen: 11.032 ppbv

RT: 18.561 min Scan# 4906

Delta R.T. 0.039 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

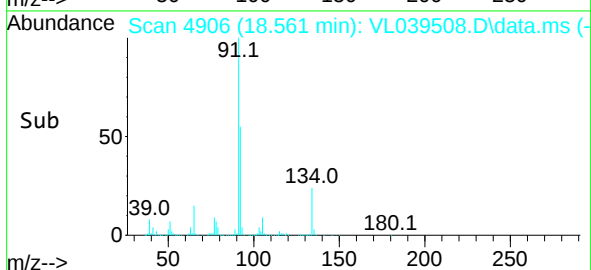
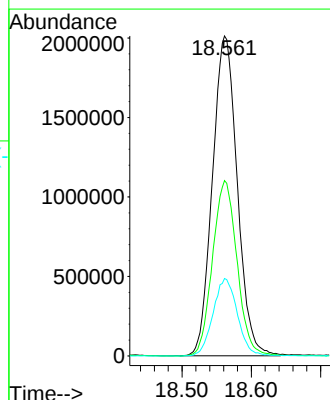
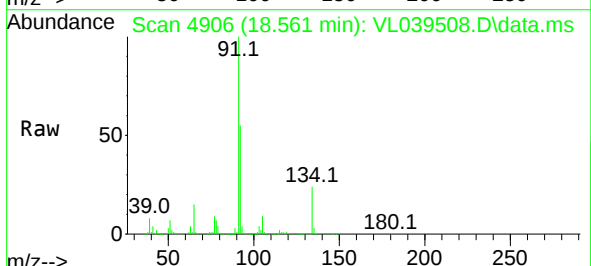
Tgt Ion: 91 Resp: 5007935

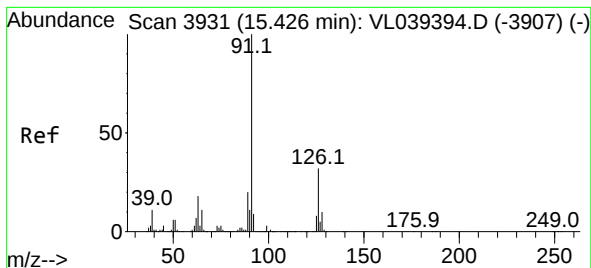
Ion Ratio Lower Upper

91 100

92 54.2 43.4 65.2

134 23.9 18.9 28.3





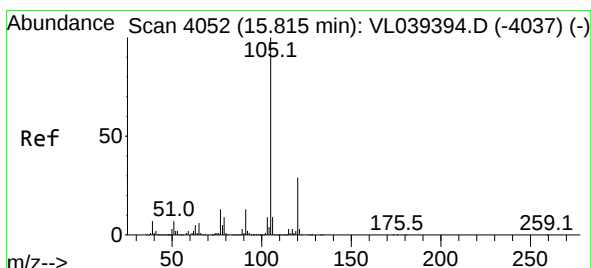
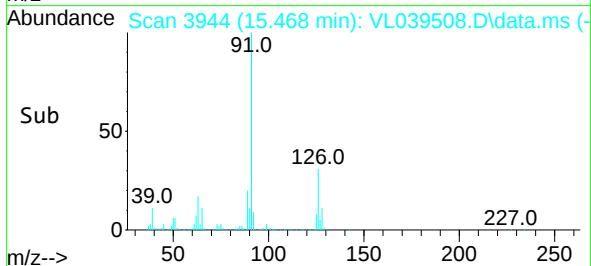
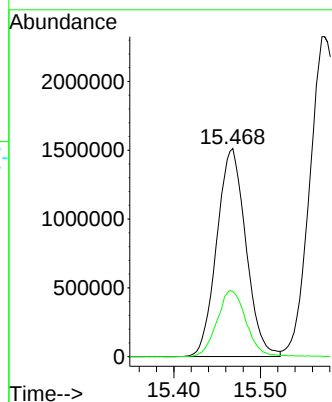
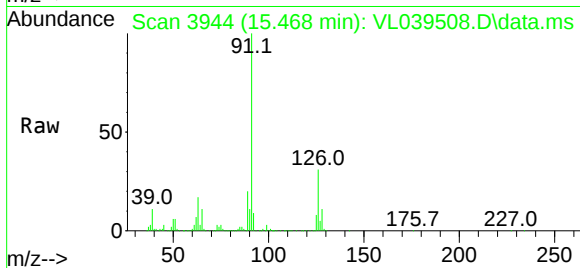
#71
2-Chlorotoluene
Concen: 11.115 ppbv
RT: 15.468 min Scan# 3931
Delta R.T. 0.042 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 352306
Ion Ratio Lower Upper
91 100
126 32.1 13.0 51.8

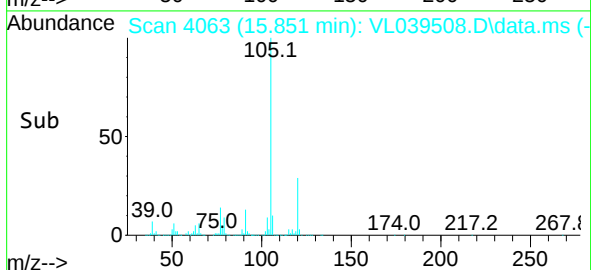
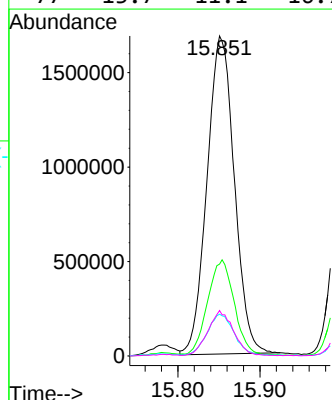
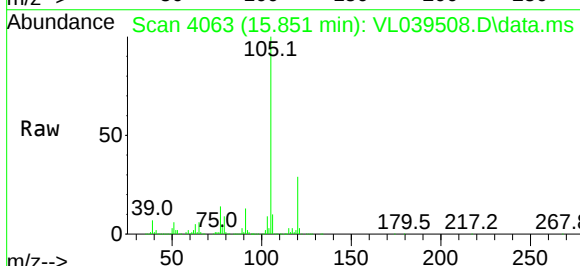
Manual Integrations
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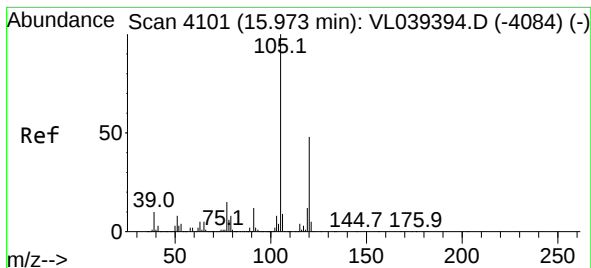
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#72
4-Ethyltoluene
Concen: 11.383 ppbv
RT: 15.851 min Scan# 4063
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

Tgt Ion:105 Resp: 3892137
Ion Ratio Lower Upper
105 100
120 30.0 24.2 36.2
91 13.1 10.2 15.4
77 13.7 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 11.392 ppbv

RT: 16.008 min Scan# 4101

Delta R.T. 0.035 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 357765

Ion Ratio Lower Upper

105 100

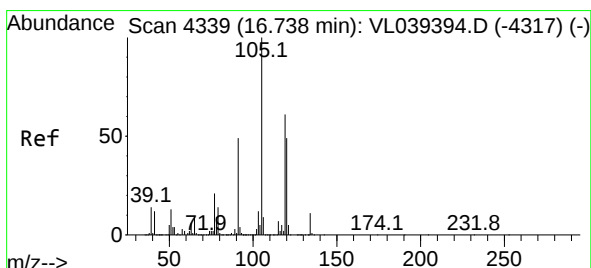
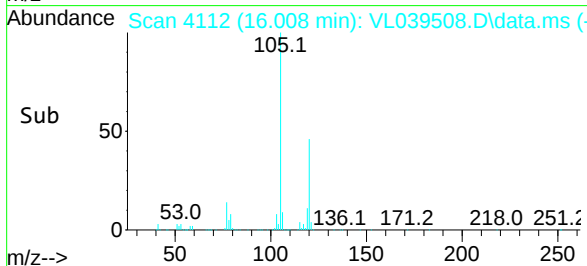
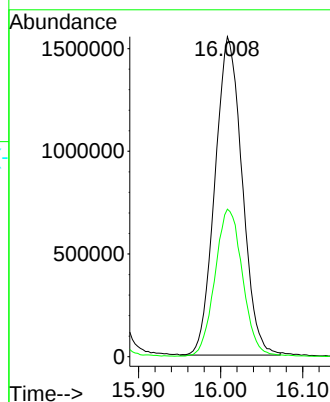
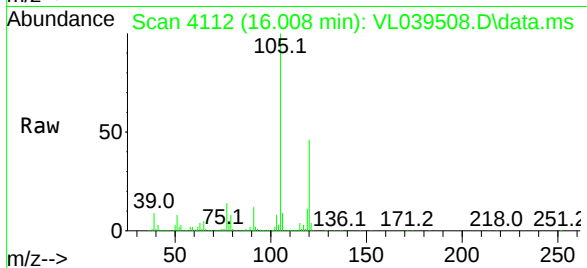
120 46.1 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 11.073 ppbv

RT: 16.773 min Scan# 4350

Delta R.T. 0.035 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Tgt Ion:105 Resp: 3846837

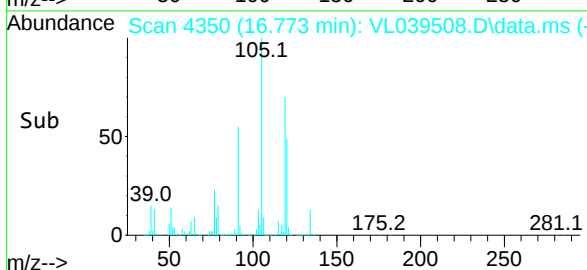
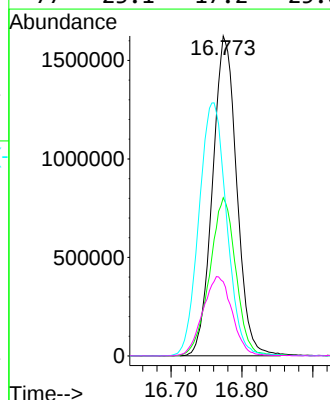
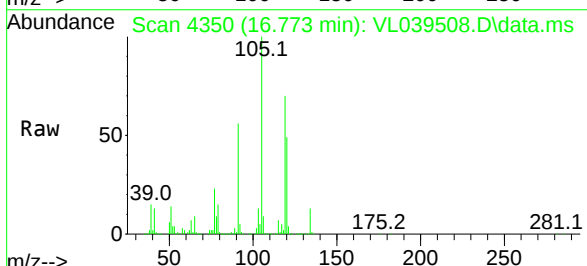
Ion Ratio Lower Upper

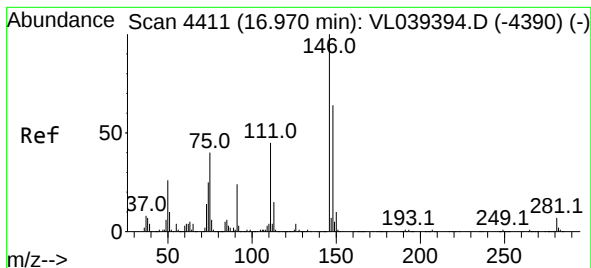
105 100

120 49.3 39.5 59.3

91 55.2 39.2 58.8

77 23.1 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 11.054 ppbv

RT: 17.011 min Scan# 4411

Delta R.T. 0.042 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 2290690

Ion Ratio Lower Upper

146 100

111 46.1 22.9 68.7

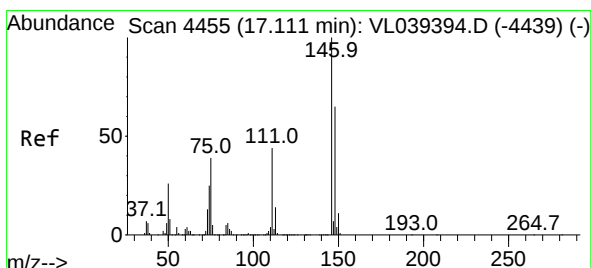
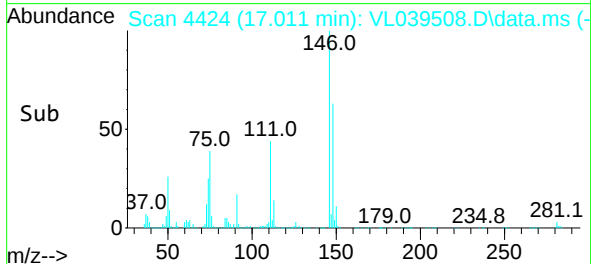
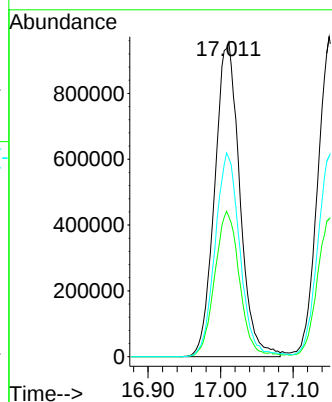
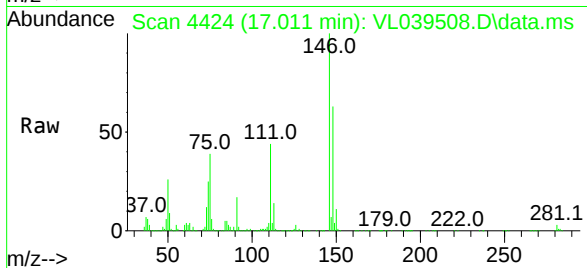
148 64.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#76

1,4-Dichlorobenzene

Concen: 10.821 ppbv

RT: 17.150 min Scan# 4467

Delta R.T. 0.039 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

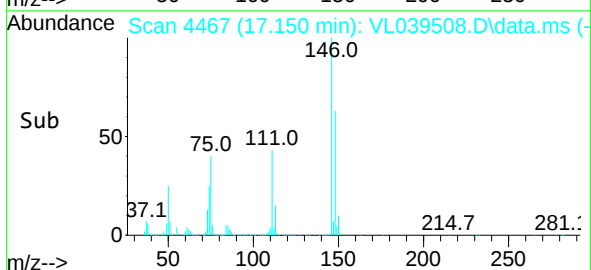
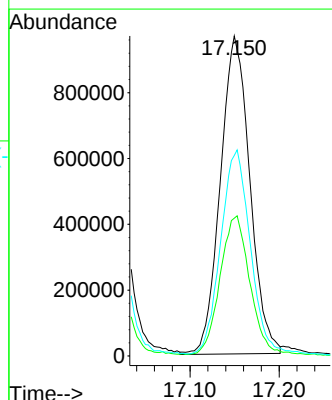
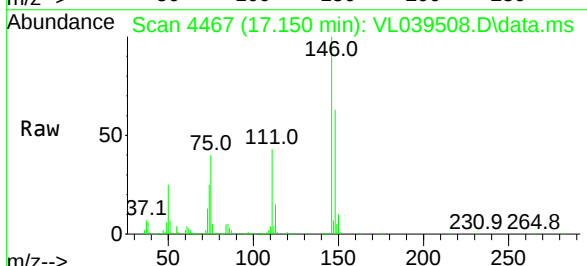
Tgt Ion:146 Resp: 2222631

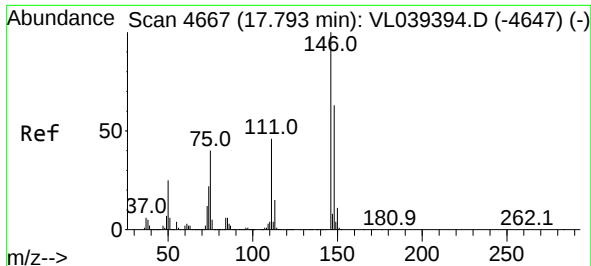
Ion Ratio Lower Upper

146 100

111 45.2 22.9 68.8

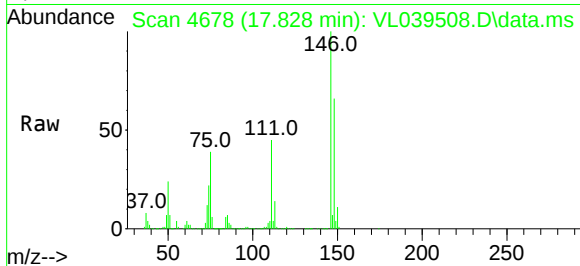
148 66.2 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 10.784 ppbv
RT: 17.828 min Scan# 4065
Delta R.T. 0.035 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39

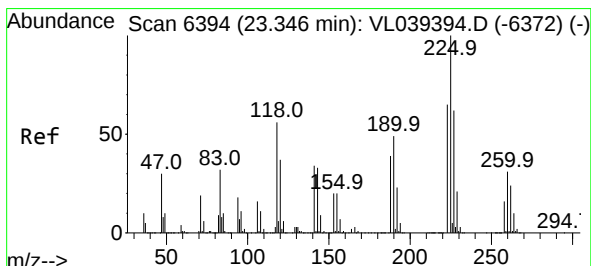
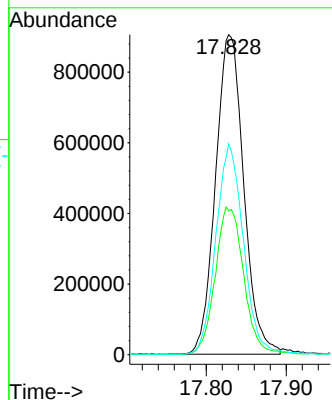
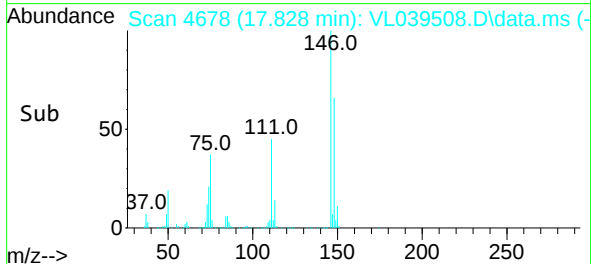
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



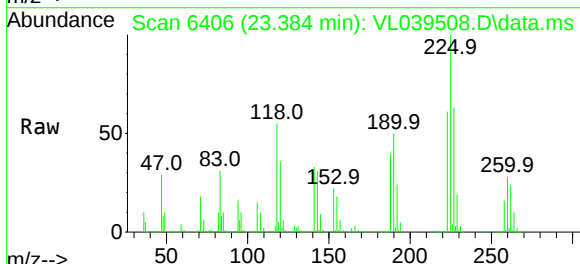
Tgt Ion:146 Resp: 2215110
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.5
148 64.5 32.3 96.8

Manual Integrations
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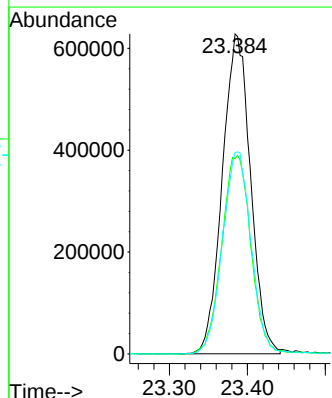
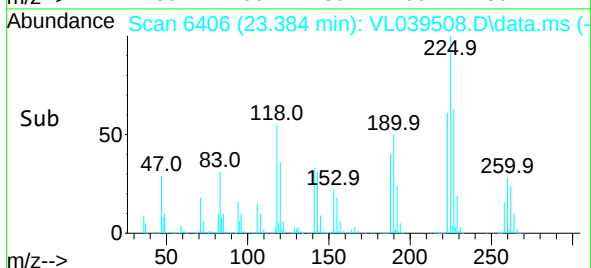
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

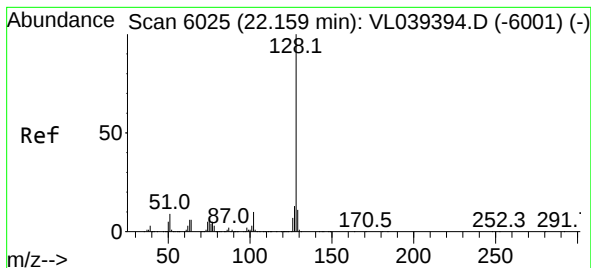


#78
Hexachloro-1,3-Butadiene
Concen: 9.531 ppbv
RT: 23.384 min Scan# 6406
Delta R.T. 0.039 min
Lab File: VL039508.D
Acq: 20 Jul 2022 11:39



Tgt Ion:225 Resp: 1574603
Ion Ratio Lower Upper
225 100
223 64.5 51.8 77.6
227 65.0 51.4 77.2





#79

Naphthalene

Concen: 12.523 ppbv

RT: 22.207 min Scan# 6025

Delta R.T. 0.048 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 299409

Ion Ratio Lower Upper

128 100

127 11.7 10.6 15.8

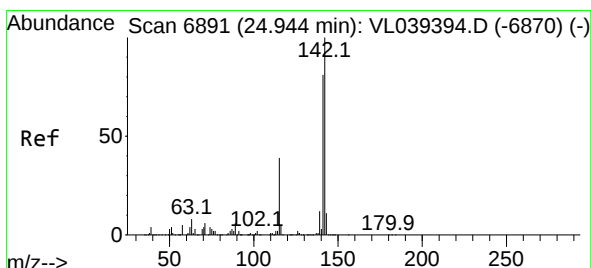
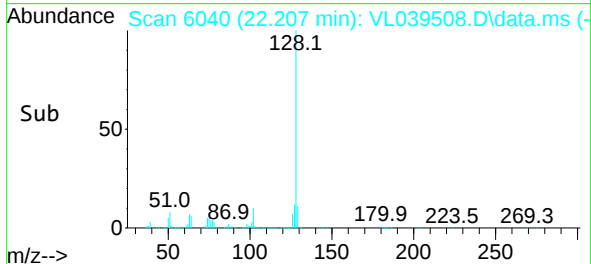
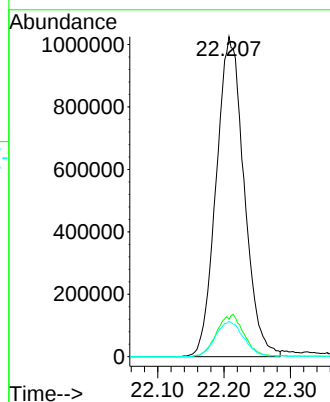
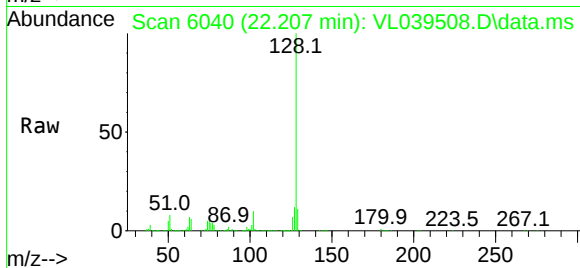
129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#80

Naphthalene,2-methyl-

Concen: 11.912 ppbv

RT: 24.979 min Scan# 6902

Delta R.T. 0.035 min

Lab File: VL039508.D

Acq: 20 Jul 2022 11:39

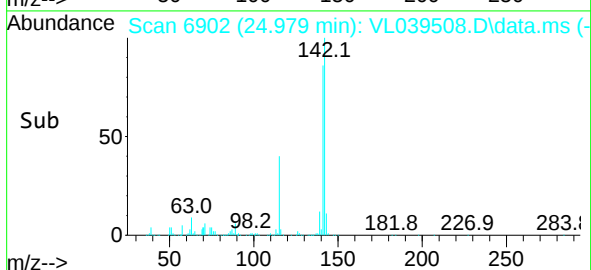
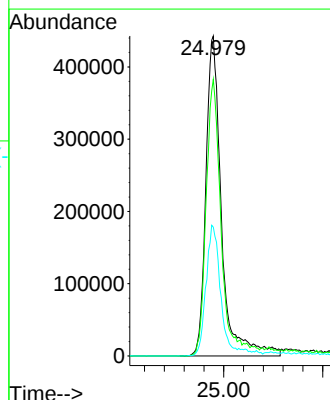
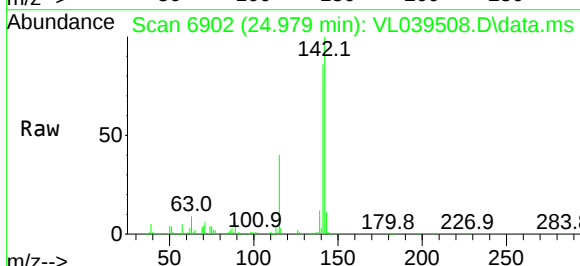
Tgt Ion:142 Resp: 969341

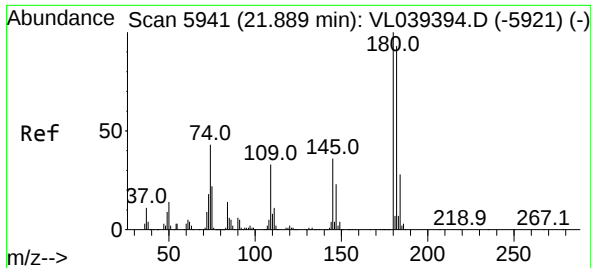
Ion Ratio Lower Upper

142 100

141 88.7 68.9 103.3

115 39.7 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 11.164 ppbv

RT: 21.940 min Scan# 5957

Delta R.T. 0.051 min

Lab File: VL039508.D

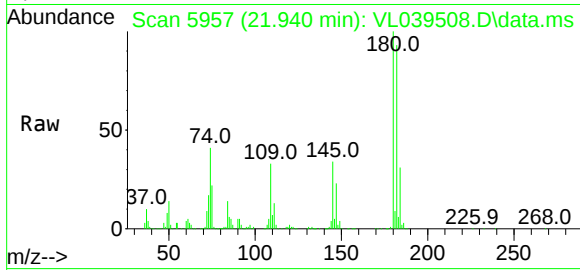
Acq: 20 Jul 2022 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 173847

Ion Ratio Lower Upper

180 100

182 96.7 77.1 115.7

184 31.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022

