

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039440.D
 Acq On : 6 Jul 2022 9:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 02:12:45 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 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	5.680	49	1177130	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	3223192	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	3220159m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.429 95 2349268 9.834 ppbv 0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	1818415	10.710	ppbv	100
3) Chlorodifluoromethane	3.002	51	1381501	9.251	ppbv	99
4) Chloromethane	3.150	50	756587	9.263	ppbv	99
5) Vinyl Chloride	3.269	62	727701	9.035	ppbv	99
6) Bromomethane	3.488	94	321241	9.477	ppbv	97
7) Chloroethane	3.571	64	274578	9.585	ppbv	99
8) Dichlorotetrafluoroethane	3.198	85	1793933	9.672	ppbv	100
9) Propene	3.021	41	597238m	8.855	ppbv	
10) Heptane	8.137	43	1565976	9.913	ppbv	99
11) Trichlorofluoromethane	3.960	101	1832577	9.686	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.497	101	1330288	9.432	ppbv	99
13) Ethanol	3.616	45	36334m	9.286	ppbv	
14) Bromoethene	3.754	108	565308	9.533	ppbv	99
15) Acetone	3.861	43	1328902	9.542	ppbv	100
16) 1,3-Butadiene	3.340	39	714899	9.894	ppbv	98
17) tert-Butyl alcohol	4.291	59	1169276	9.892	ppbv	99
18) 1,1-Dichloroethene	4.301	96	599244	9.378	ppbv	99
19) Isopropyl Alcohol	3.970	45	685766	9.232	ppbv	98
20) Methylene Chloride	4.356	84	494879	8.915	ppbv	95
21) Allyl Chloride	4.423	41	933365	9.677	ppbv	99
22) trans-1,2-Dichloroethene	4.899	96	610242	9.866	ppbv	98
23) Vinyl Acetate	5.086	43	983335	10.566	ppbv	98
24) 1,1-Dichloroethane	5.024	63	1337878	10.179	ppbv	100
25) Ethyl Acetate	5.687	43	2833491	9.923	ppbv	99
26) Hexane	5.700	57	1216898	10.572	ppbv	98
27) Carbon Disulfide	4.561	76	1465910	10.551	ppbv	99
28) Methyl tert-Butyl Ether	5.044	73	1251792	10.171	ppbv	96
29) Chloroform	5.761	83	1925255	9.619	ppbv	96
30) Cyclohexane	7.143	84	1040507	9.929	ppbv	98
31) cis-1,2-Dichloroethene	5.561	61	1163316	9.525	ppbv	99
32) 1,1,1-Trichloroethane	6.526	97	1946370	9.852	ppbv	100
34) 2-Butanone	5.253	43	1648555	10.161	ppbv	100
35) Carbon Tetrachloride	7.034	117	2079568	10.441	ppbv	98
36) Benzene	6.902	78	2465707	9.884	ppbv	97
37) 1,2-Dichloroethane	6.320	62	1486832	10.098	ppbv	99
38) Trichloroethene	7.848	130	1336153	9.903	ppbv	97
39) 1,2-Dichloropropane	7.626	63	938241	10.068	ppbv	95
40) 1,4-Dioxane	7.838	88	370459m	9.975	ppbv	
41) Tetrahydrofuran	6.063	42	943383	10.034	ppbv	99
42) Bromodichloromethane	7.806	83	2089333	10.524	ppbv	96
43) Methyl Methacrylate	8.024	69	1009814	10.646	ppbv	99
44) 2,2,4-Trimethylpentane	7.883	57	4193890	9.921	ppbv	99
45) t-1,3-Dichloropropene	9.288	75	1016162	12.032	ppbv	98

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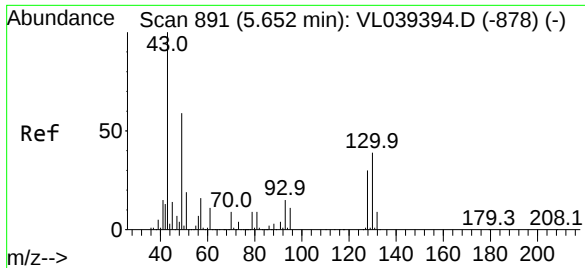
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

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

Response via : Initial Calibration

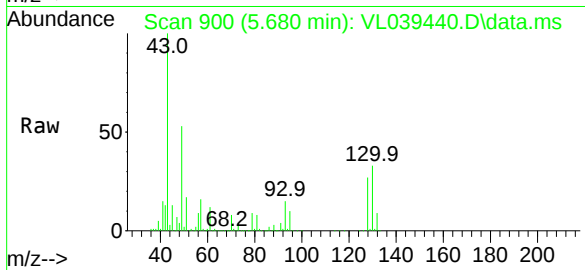
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.716	75	1319573	11.352	ppbv	97
47) 1,1,2-Trichloroethane	9.487	97	1049419	10.036	ppbv	99
48) Dibromochloromethane	10.317	129	1860291	11.193	ppbv	100
49) Bromoform	13.053	173	1555878	11.604	ppbv	99
50) 4-Methyl-2-Pentanone	8.754	43	2645549	10.784	ppbv	98
51) 2-Hexanone	10.143	43	2077551	11.196	ppbv #	100
52) Tetrachloroethene	11.236	164	964463	9.604	ppbv	97
53) Toluene	9.818	91	3015078	10.478	ppbv	100
54) 1,2-Dibromoethane	10.622	107	1383812	10.636	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.137	131	1357587	9.543	ppbv	94
57) Chlorobenzene	12.162	112	2360706	9.456	ppbv	98
58) Ethyl Benzene	12.722	91	4108676	9.881	ppbv	98
59) m/p-Xylene	13.011	91	7152113m	19.511	ppbv	
60) o-Xylene	13.703	91	3386826	9.757	ppbv	99
61) Styrene	13.542	104	1969578	10.474	ppbv	98
62) Isopropylbenzene	14.680	105	5048295	9.550	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.687	83	1649251	9.064	ppbv	99
64) n-propylbenzene	15.571	120	1316850	9.828	ppbv	99
65) tert-Butylbenzene	16.754	119	4654894	9.529	ppbv	100
66) Benzyl Chloride	16.998	91	486845	10.488	ppbv	99
67) sec-Butylbenzene	17.304	105	6377125	9.692	ppbv	100
69) p-Isopropyltoluene	17.661	119	5474723	9.807	ppbv	99
70) n-Butylbenzene	18.558	91	5350546	9.875	ppbv	100
71) 2-Chlorotoluene	15.465	91	3713021	9.814	ppbv	100
72) 4-Ethyltoluene	15.850	105	4145777	10.158	ppbv	99
73) 1,3,5-Trimethylbenzene	16.005	105	3803405	10.147	ppbv	97
74) 1,2,4-Trimethylbenzene	16.773	105	4072217	9.821	ppbv	98
75) 1,3-Dichlorobenzene	17.008	146	2390225	9.663	ppbv	99
76) 1,4-Dichlorobenzene	17.149	146	2300061	9.382	ppbv	99
77) 1,2-Dichlorobenzene	17.828	146	2339775	9.543	ppbv	100
78) Hexachloro-1,3-Butadiene	23.381	225	1612349	8.177	ppbv	99
79) Naphthalene	22.204	128	3133579	10.981	ppbv	99
80) Naphthalene,2-methyl-	24.975	142	1058398	10.897	ppbv	98
81) 1,2,4-Trichlorobenzene	21.934	180	1805860	9.716	ppbv	99

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.680 min Scan# 90
 Delta R.T. 0.029 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53

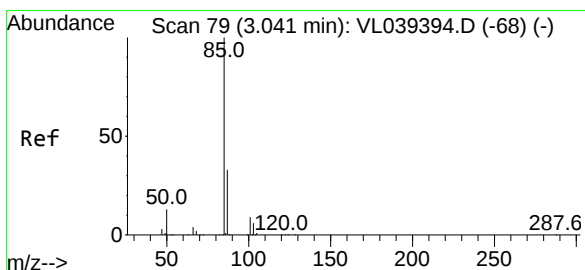
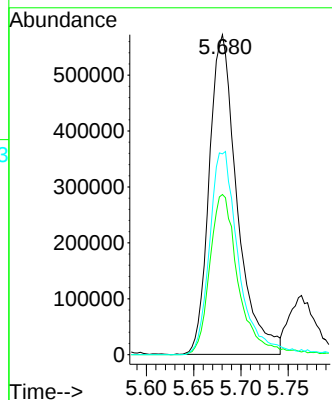
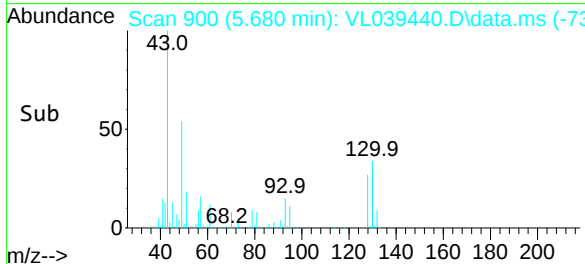
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 49 Resp: 1177130
 Ion Ratio Lower Upper
 49 100
 128 52.0 26.7 80.0
 130 67.0 34.3 102.8

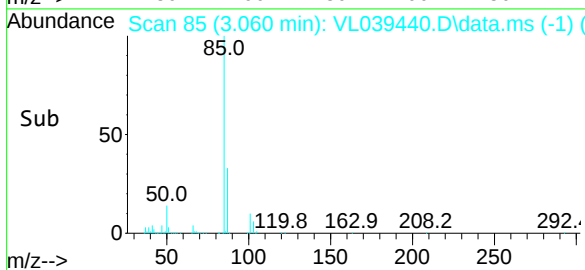
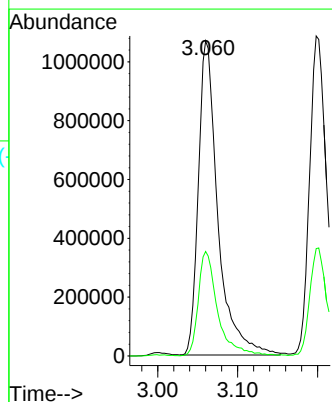
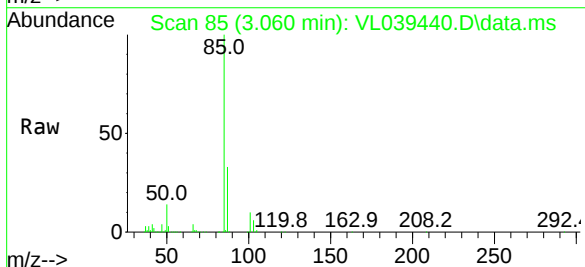
Manual Integrations
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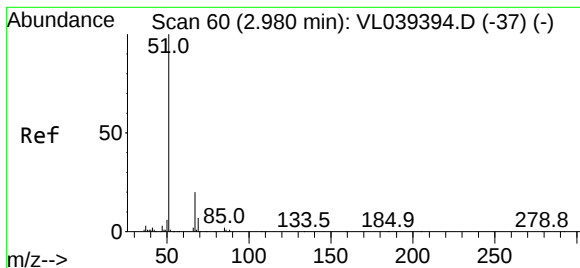
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#2
 Dichlorodifluoromethane
 Concen: 10.710 ppbv
 RT: 3.060 min Scan# 85
 Delta R.T. 0.019 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53

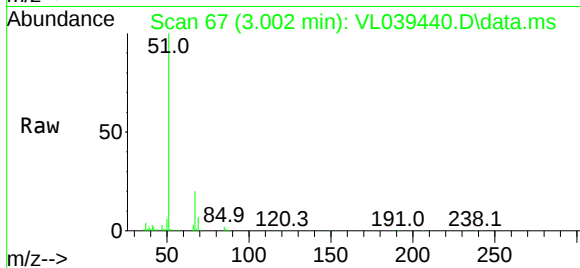
Tgt Ion: 85 Resp: 1818415
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.251 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.022 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

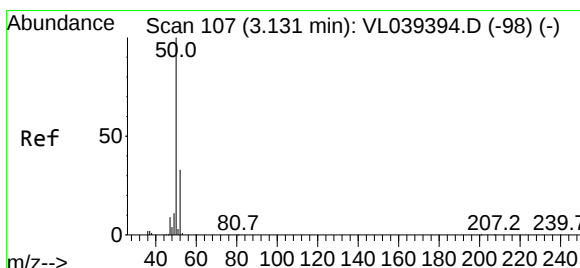
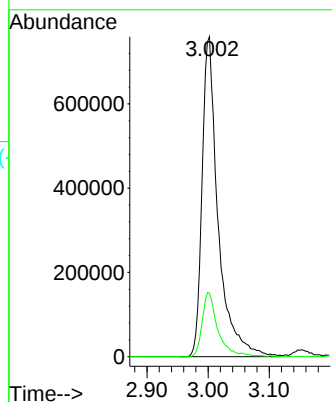
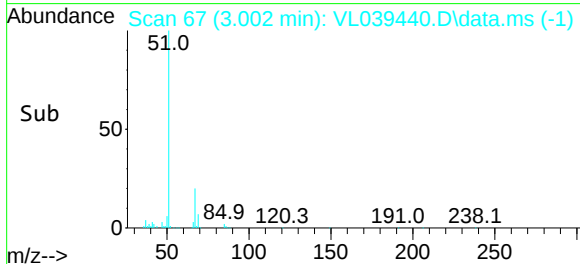
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 138150
Ion Ratio Lower Upper
51 100
67 19.9 15.7 23.5

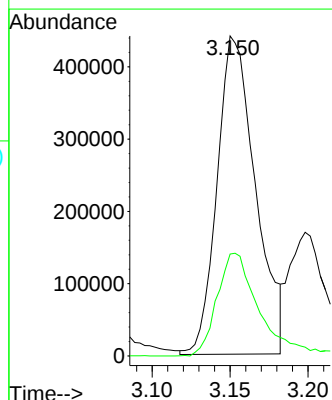
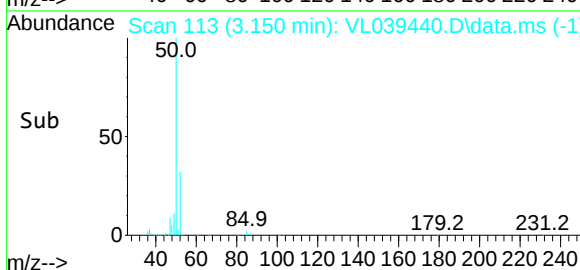
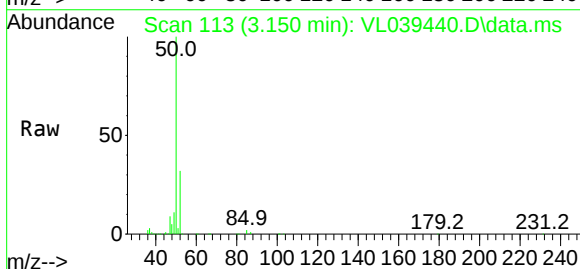
Manual Integrations
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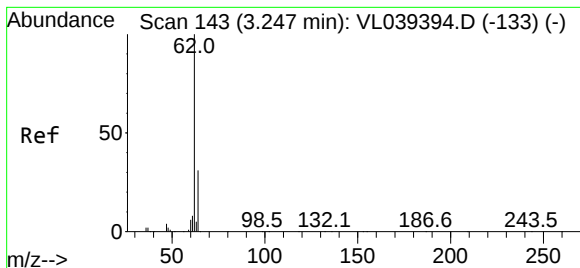
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#4
Chloromethane
Concen: 9.263 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.019 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

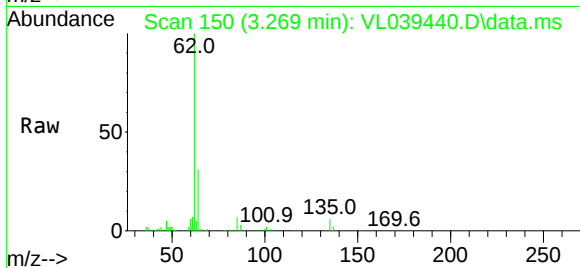
Tgt Ion: 50 Resp: 756587
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.035 ppbv
 RT: 3.269 min Scan# 11
 Delta R.T. 0.022 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53

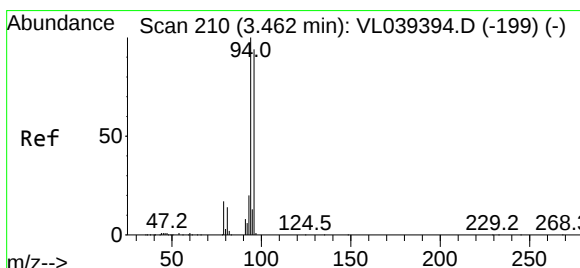
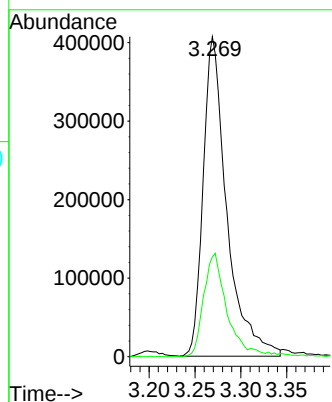
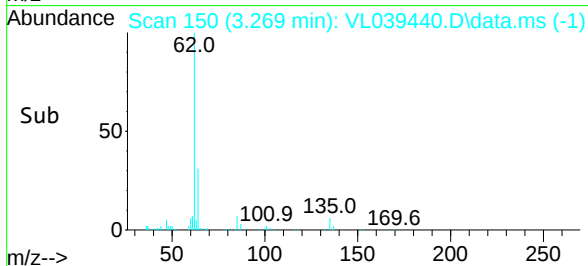
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



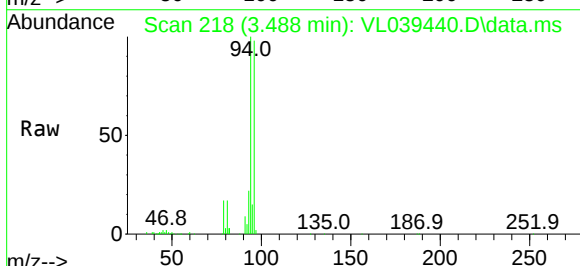
Tgt Ion: 62 Resp: 72770
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.6 36.8

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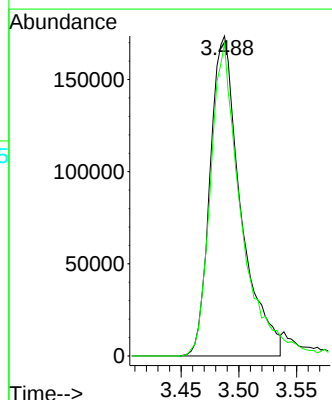
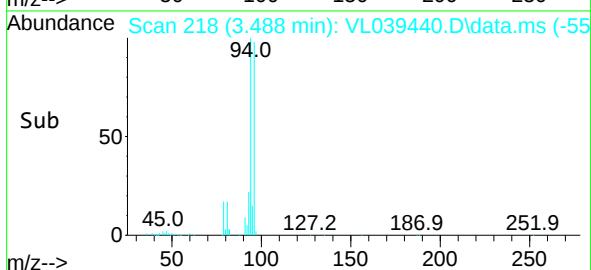
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

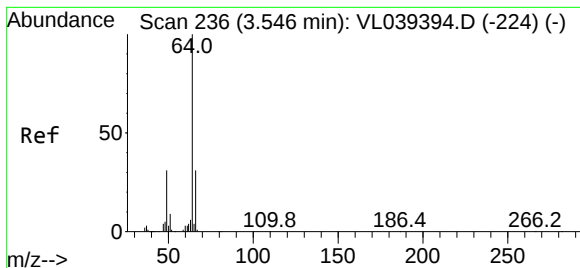


#6
 Bromomethane
 Concen: 9.477 ppbv
 RT: 3.488 min Scan# 218
 Delta R.T. 0.025 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53



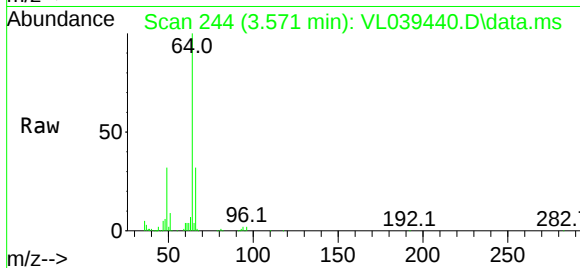
Tgt Ion: 94 Resp: 321241
 Ion Ratio Lower Upper
 94 100
 96 97.5 75.6 113.4





#7
Chloroethane
Concen: 9.585 ppbv
RT: 3.571 min Scan# 244
Delta R.T. 0.025 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

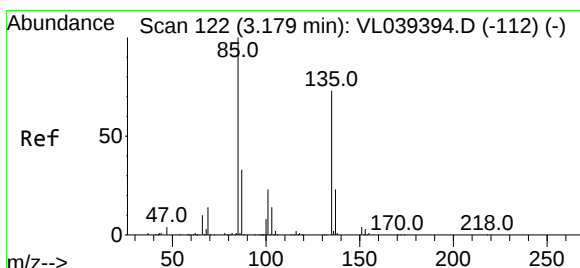
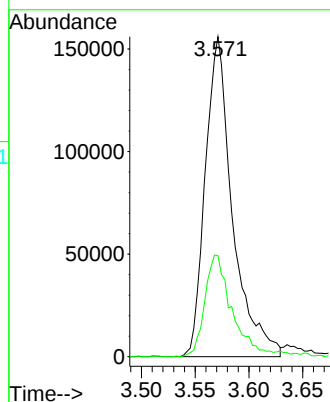
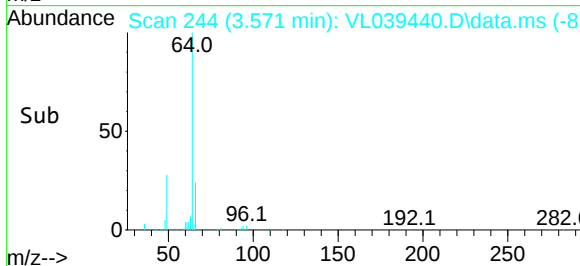
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



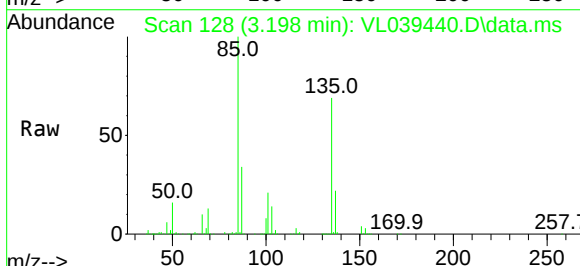
Tgt Ion: 64 Resp: 274578
Ion Ratio Lower Upper
64 100
66 31.6 24.7 37.1

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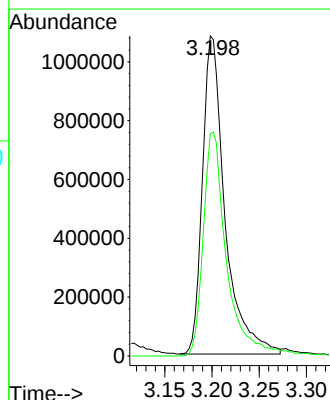
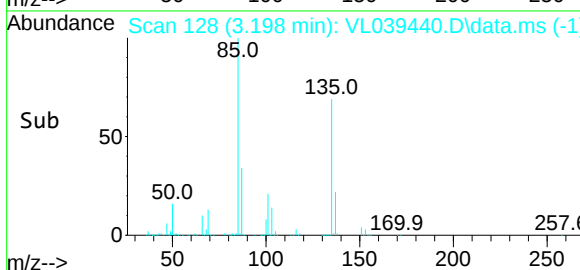
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

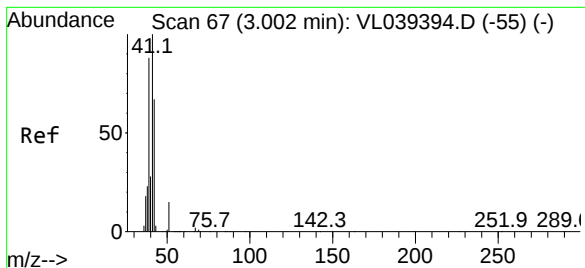


#8
Dichlorotetrafluoroethane
Concen: 9.672 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.019 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



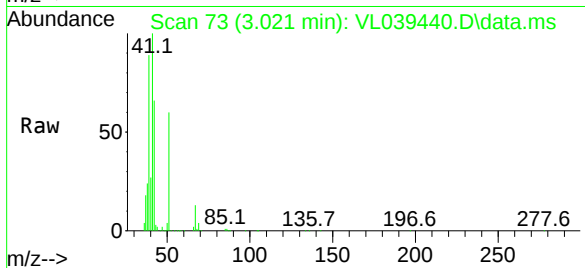
Tgt Ion: 85 Resp: 1793933
Ion Ratio Lower Upper
85 100
135 73.9 59.0 88.4





#9
 Propene
 Concen: 8.855 ppbv m
 RT: 3.021 min Scan# 71
 Delta R.T. 0.019 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53

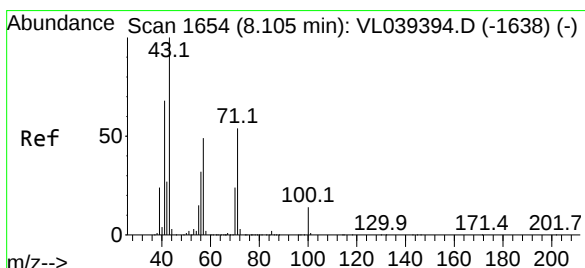
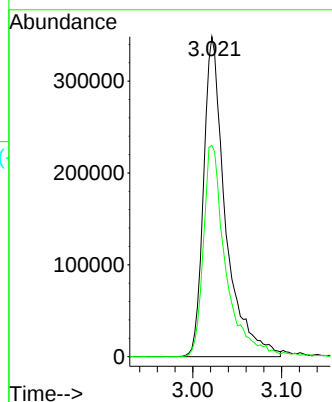
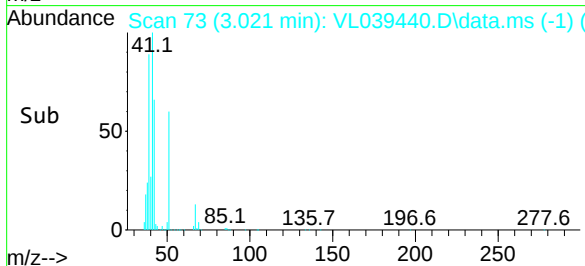
Instrument :
 MSVOA_L
 ClientSampleId :
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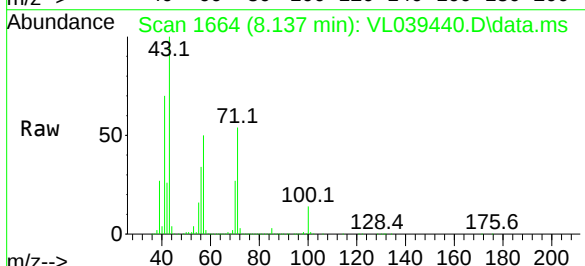
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 Ion Ratio Lower Upper
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 42 68.3 55.2 82.8

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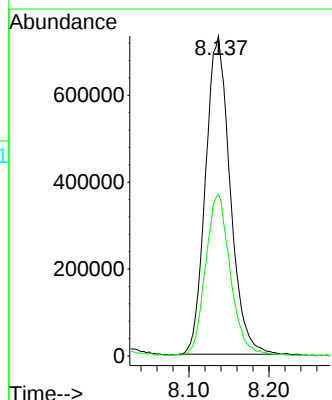
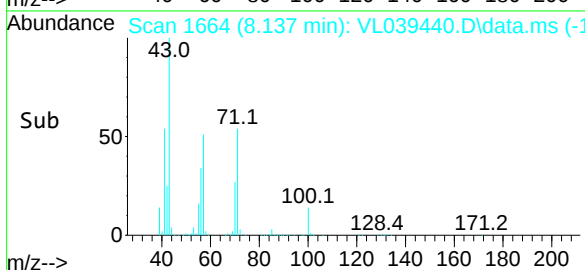
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

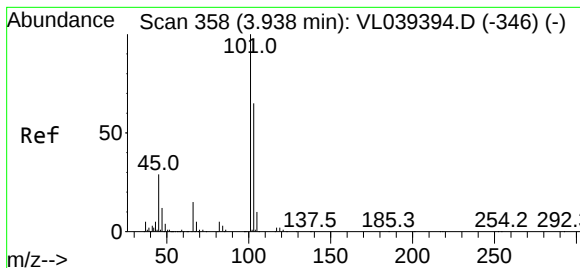


#10
 Heptane
 Concen: 9.913 ppbv
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.032 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53



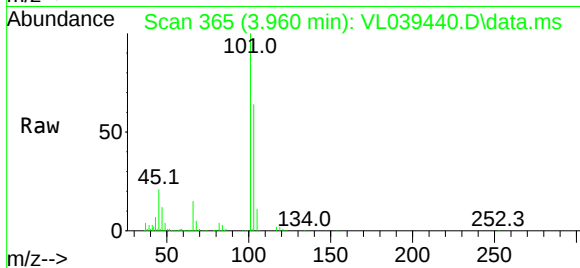
Tgt Ion: 43 Resp: 1565976
 Ion Ratio Lower Upper
 43 100
 57 51.2 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.686 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

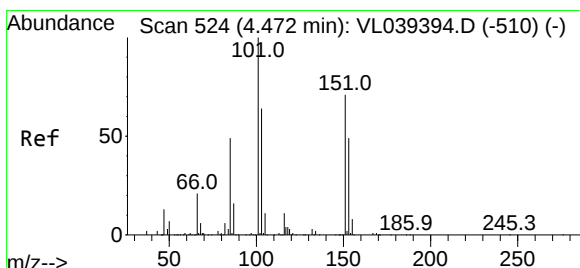
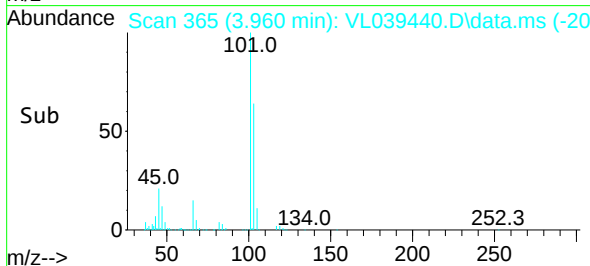
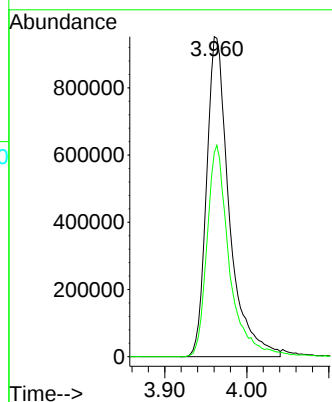
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 183257
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.8

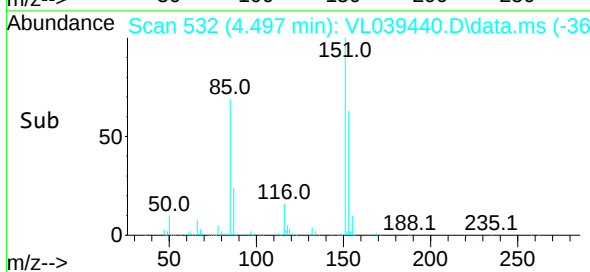
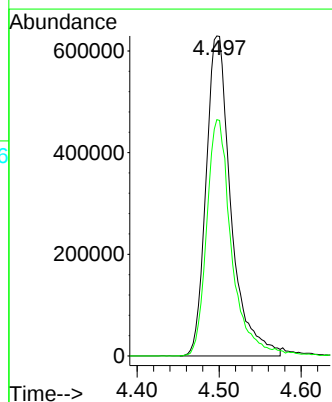
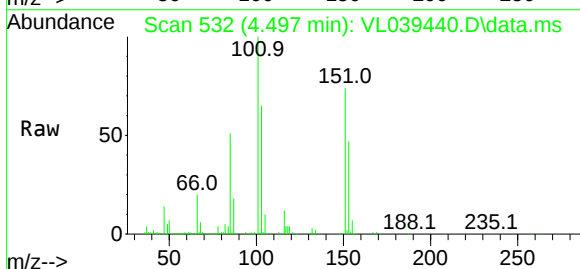
Manual Integrations
APPROVED

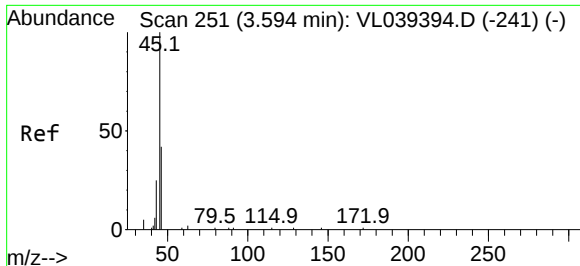
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.432 ppbv
RT: 4.497 min Scan# 532
Delta R.T. 0.025 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

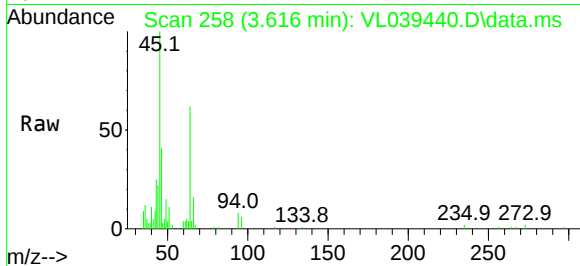
Tgt Ion:101 Resp: 1330288
Ion Ratio Lower Upper
101 100
151 74.4 58.9 88.3





#13
Ethanol
Concen: 9.286 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

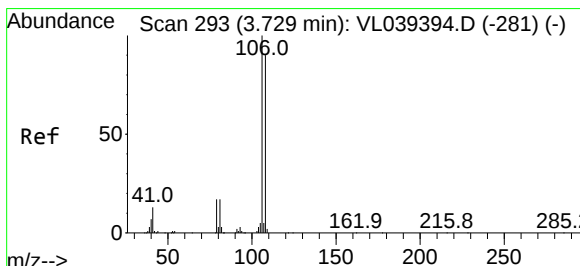
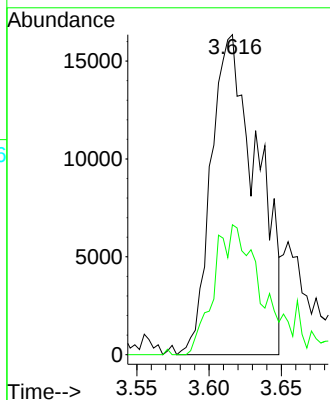
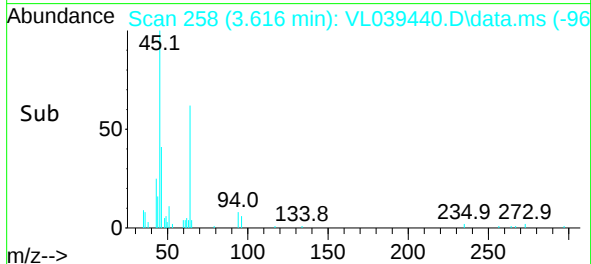
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



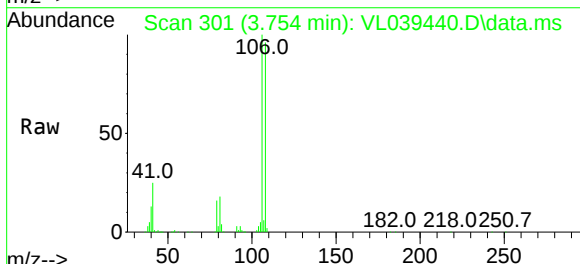
Tgt Ion: 45 Resp: 36334
Ion Ratio Lower Upper
45 100
46 43.3 22.8 91.2

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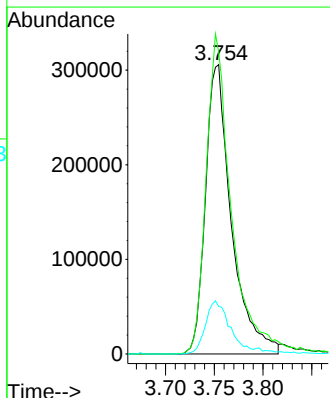
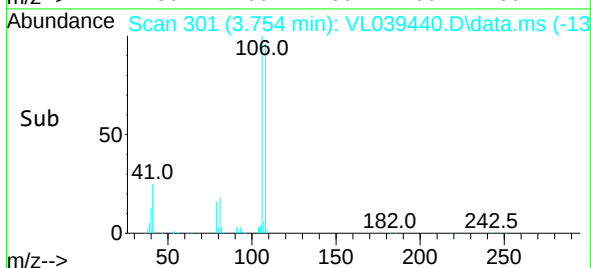
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

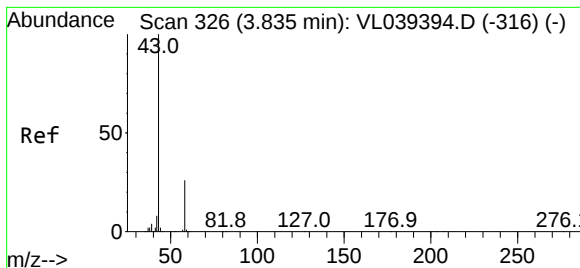


#14
Bromoethene
Concen: 9.533 ppbv
RT: 3.754 min Scan# 301
Delta R.T. 0.025 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



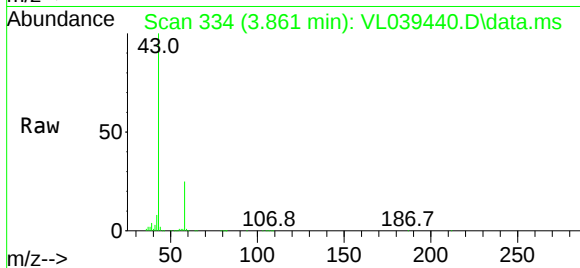
Tgt Ion:108 Resp: 565308
Ion Ratio Lower Upper
108 100
106 110.3 87.1 130.7
79 19.1 14.6 22.0





#15
Acetone
Concen: 9.542 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.025 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

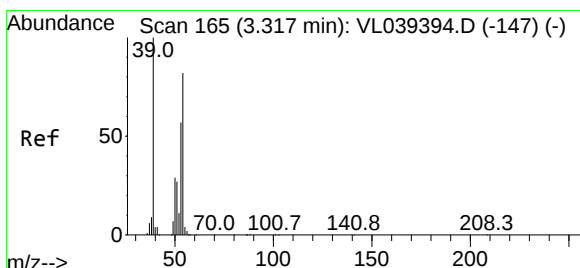
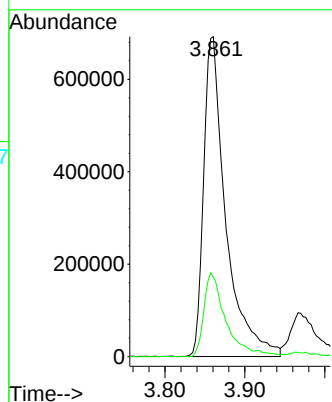
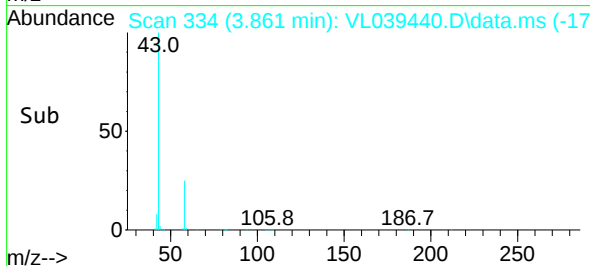
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



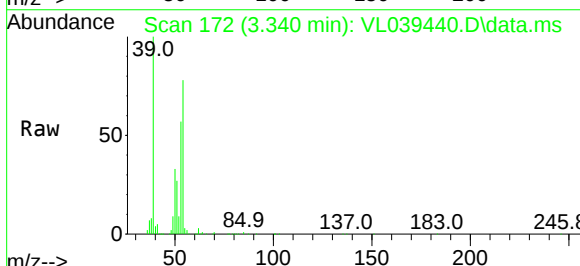
Tgt Ion: 43 Resp: 132890
Ion Ratio Lower Upper
43 100
58 26.1 21.0 31.6

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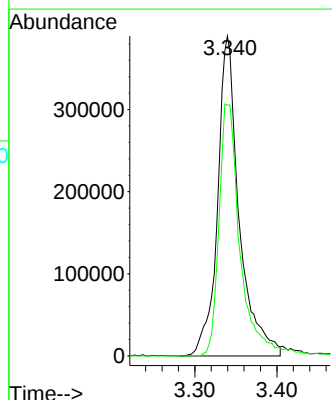
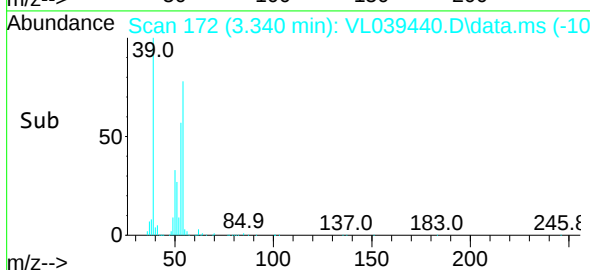
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

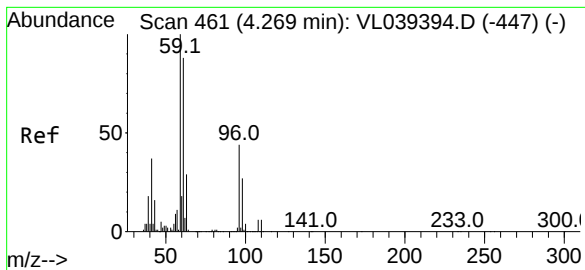


#16
1,3-Butadiene
Concen: 9.894 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.022 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



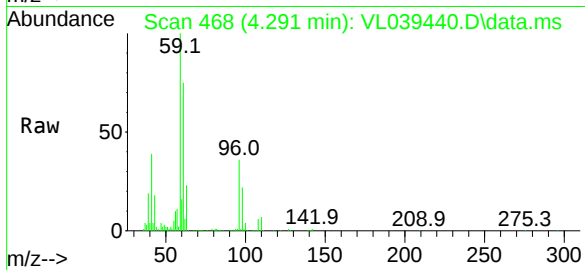
Tgt Ion: 39 Resp: 714899
Ion Ratio Lower Upper
39 100
54 78.0 63.7 95.5





#17
tert-Butyl alcohol
Concen: 9.892 ppbv
RT: 4.291 min Scan# 468
Delta R.T. 0.022 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

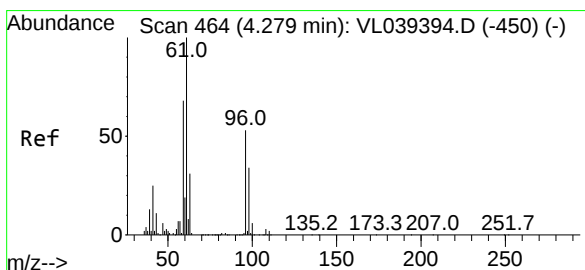
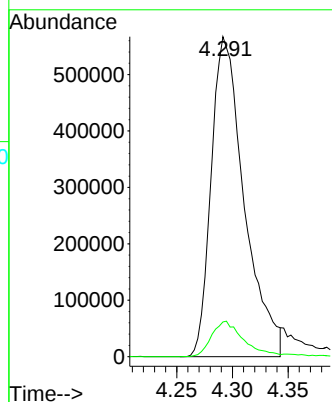
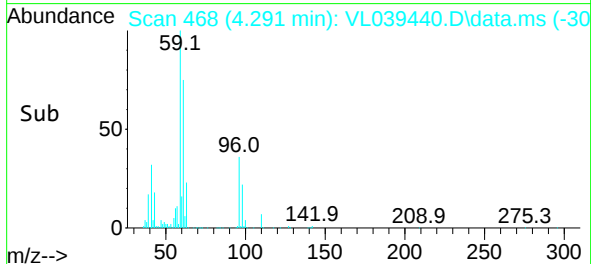
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



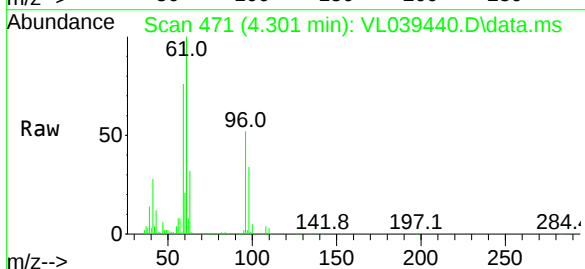
Tgt Ion: 59 Resp: 1169270
Ion Ratio Lower Upper
59 100
57 11.5 8.7 13.1

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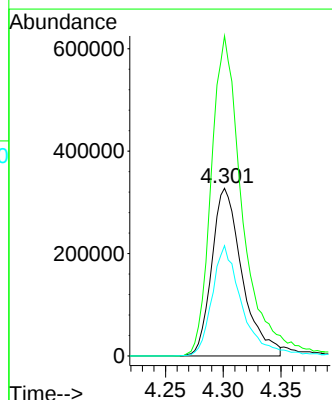
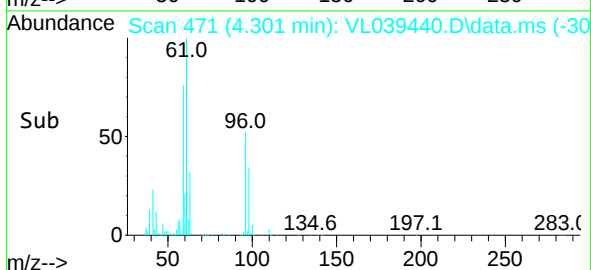
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

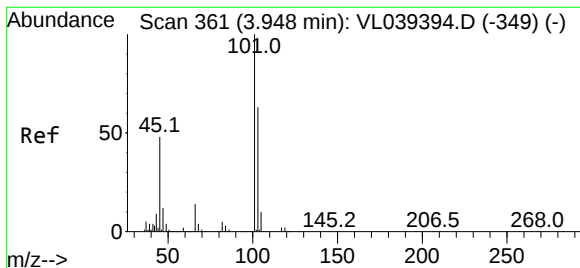


#18
1,1-Dichloroethene
Concen: 9.378 ppbv
RT: 4.301 min Scan# 471
Delta R.T. 0.022 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



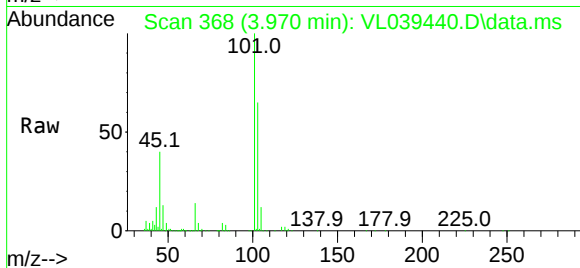
Tgt Ion: 96 Resp: 599244
Ion Ratio Lower Upper
96 100
61 190.8 152.2 228.4
98 65.6 51.8 77.6





#19
Isopropyl Alcohol
Concen: 9.232 ppbv
RT: 3.970 min Scan# 361
Delta R.T. 0.022 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

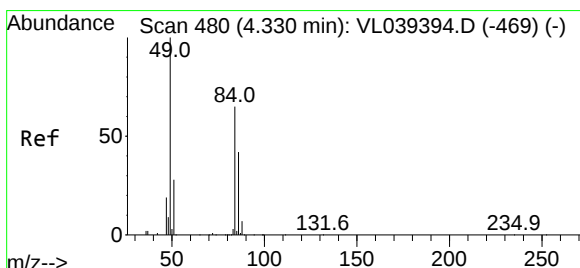
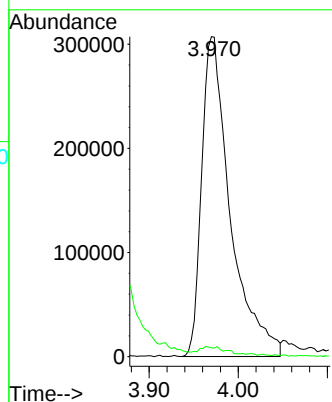
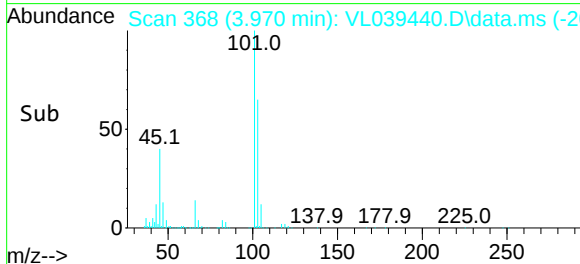
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



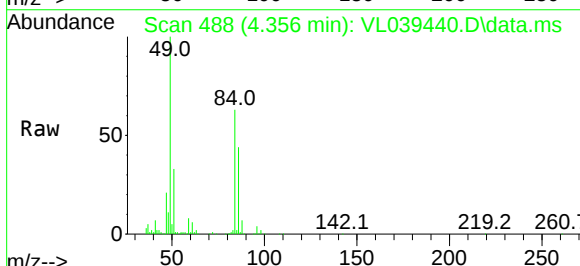
Tgt Ion: 45 Resp: 685760
Ion Ratio Lower Upper
45 100
58 4.5 3.2 4.8

Manual Integrations
APPROVED

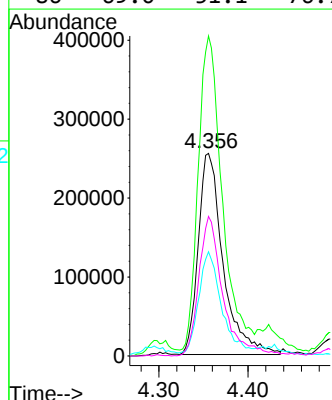
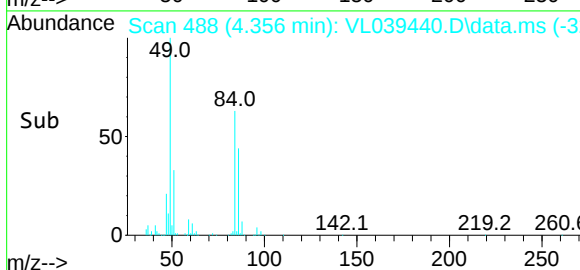
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

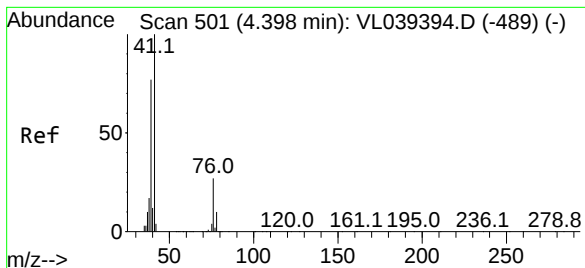


#20
Methylene Chloride
Concen: 8.915 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.025 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



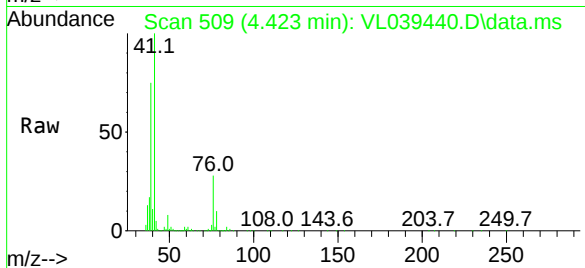
Tgt Ion: 84 Resp: 494879
Ion Ratio Lower Upper
84 100
49 156.2 123.1 184.7
51 50.2 34.4 51.6
86 69.0 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.677 ppbv
 RT: 4.423 min Scan# 501
 Delta R.T. 0.025 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53

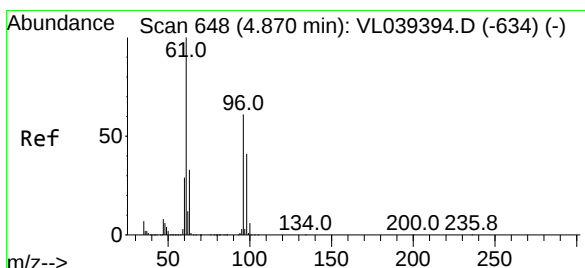
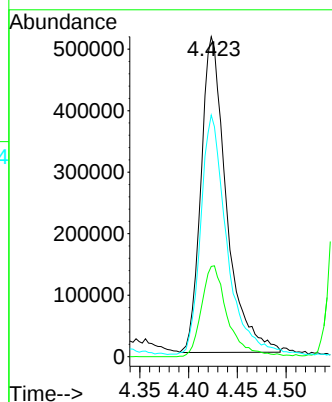
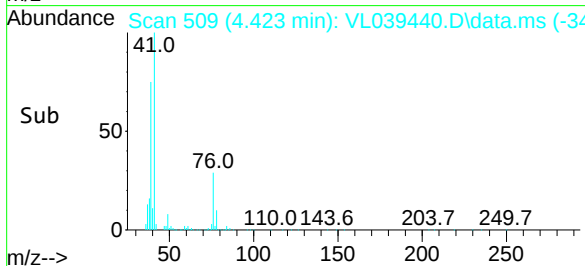
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



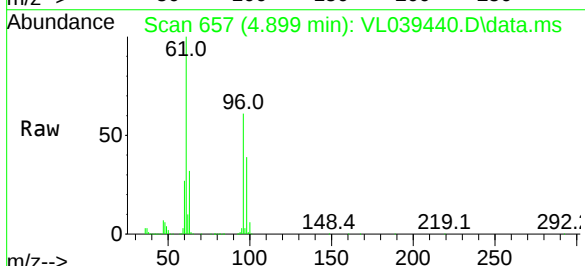
Tgt Ion: 41 Resp: 93336
 Ion Ratio Lower Upper
 41 100
 76 29.5 24.4 36.6
 39 78.6 63.5 95.3

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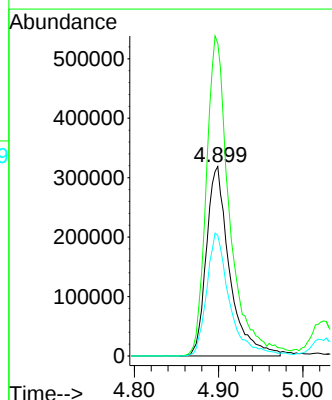
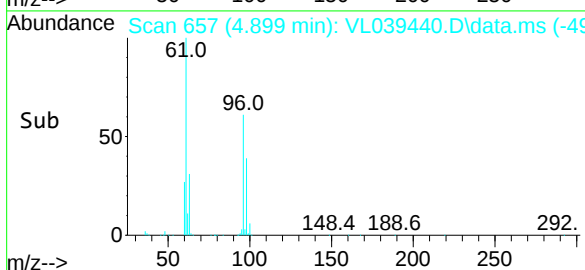
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

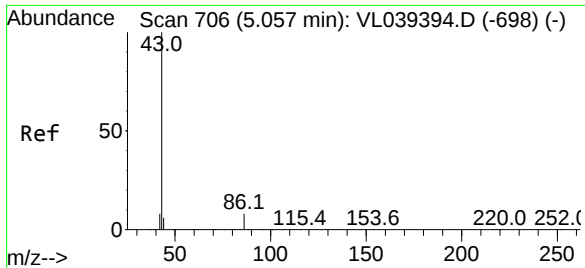


#22
 trans-1,2-Dichloroethene
 Concen: 9.866 ppbv
 RT: 4.899 min Scan# 657
 Delta R.T. 0.029 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53



Tgt Ion: 96 Resp: 610242
 Ion Ratio Lower Upper
 96 100
 61 164.9 130.6 195.8
 98 63.6 53.4 80.0





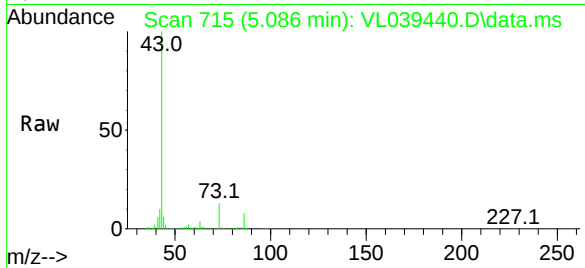
#23
 Vinyl Acetate
 Concen: 10.566 ppbv
 RT: 5.086 min Scan# 715
 Delta R.T. 0.029 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

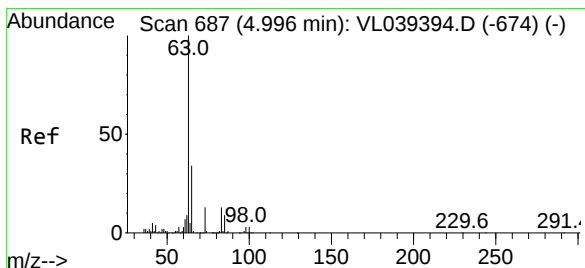
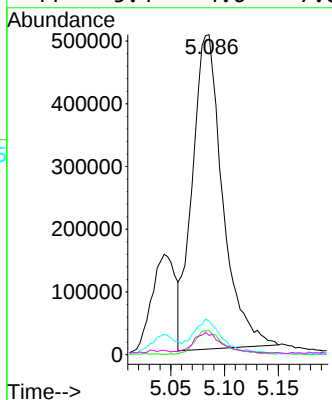
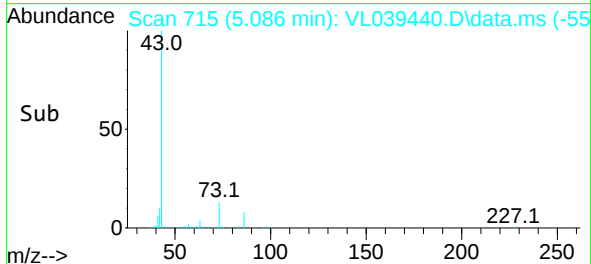


Tgt Ion: 43 Resp: 983335
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.0 7.6
 42 10.4 7.7 11.5
 44 5.4 4.6 7.0

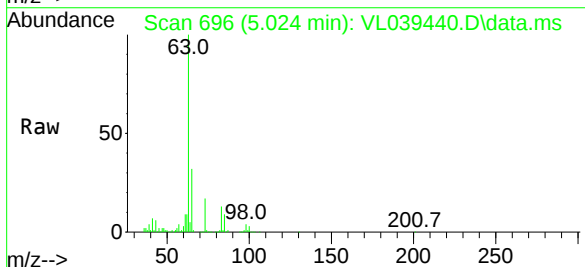
Manual Integrations

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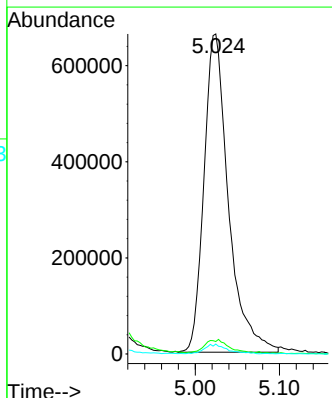
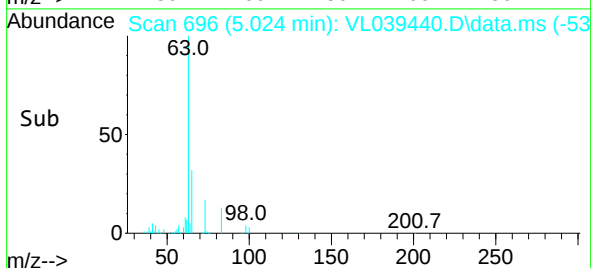
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

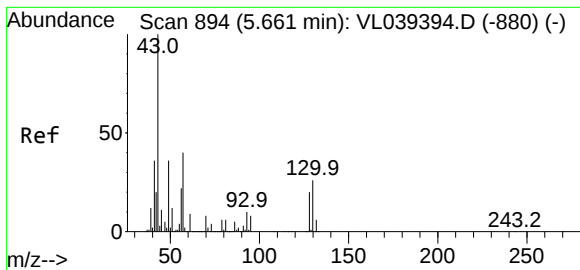


#24
 1,1-Dichloroethane
 Concen: 10.179 ppbv
 RT: 5.024 min Scan# 696
 Delta R.T. 0.029 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53



Tgt Ion: 63 Resp: 1337878
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.3
 100 3.0 1.5 4.4





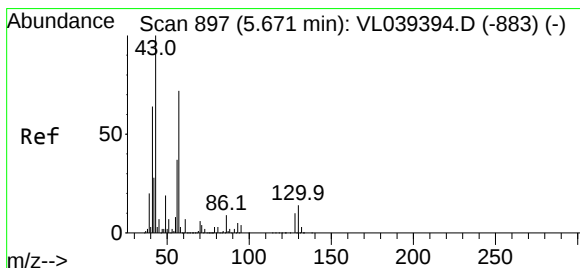
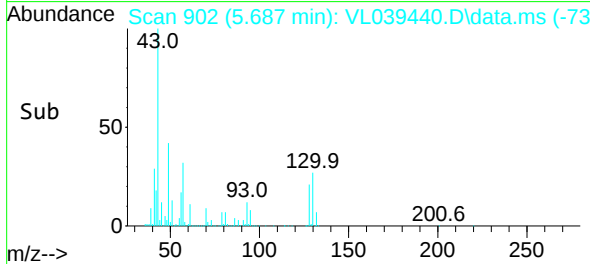
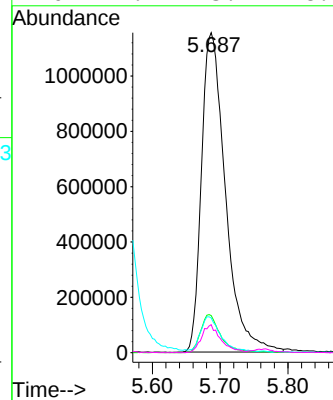
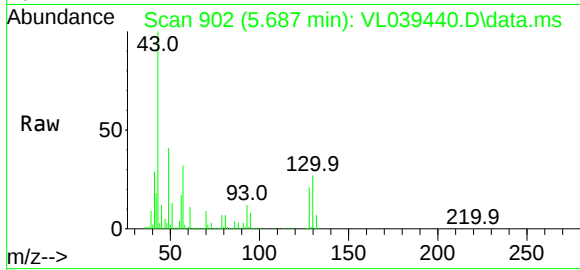
#25
Ethyl Acetate
Concen: 9.923 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.025 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 283349
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 9.8 8.3 12.5
70 7.1 5.9 8.9

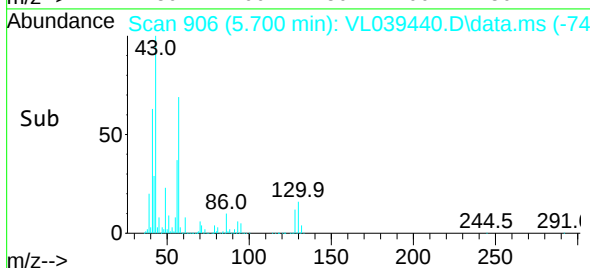
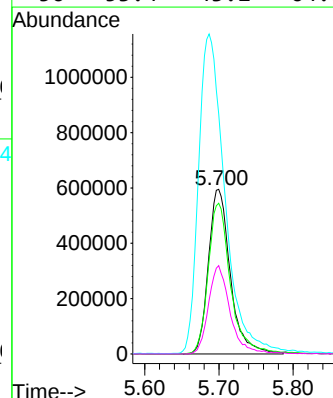
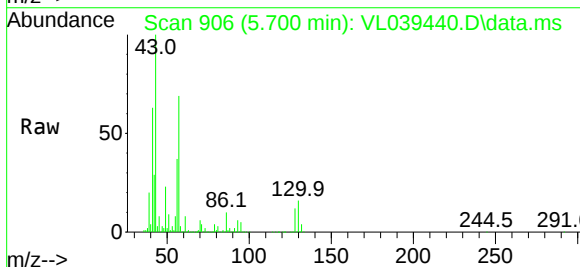
Manual Integrations
APPROVED

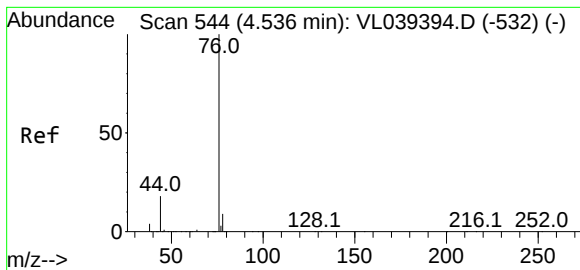
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#26
Hexane
Concen: 10.572 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

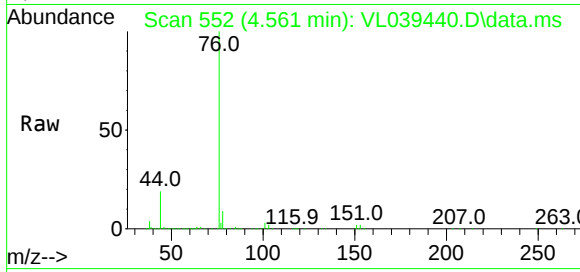
Tgt Ion: 57 Resp: 1216898
Ion Ratio Lower Upper
57 100
41 93.9 76.9 115.3
43 235.9 191.0 286.6
56 53.4 43.2 64.8





#27
Carbon Disulfide
Concen: 10.551 ppbv
RT: 4.561 min Scan# 51
Delta R.T. 0.025 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

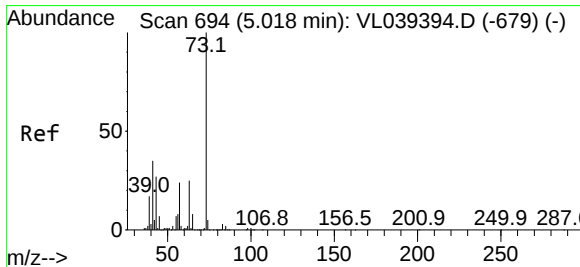
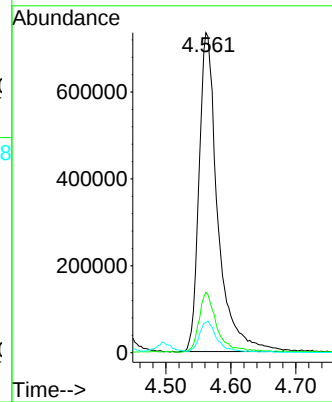
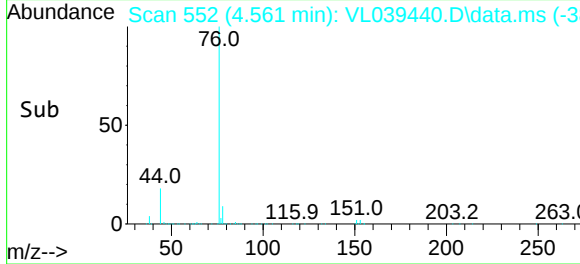
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



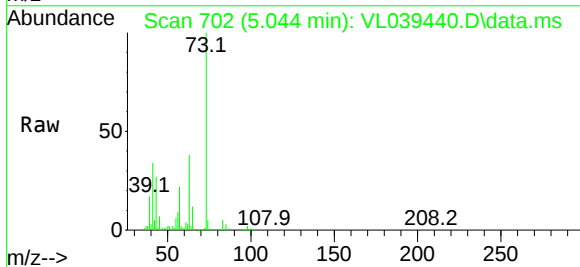
Tgt Ion: 76 Resp: 1465910
Ion Ratio Lower Upper
76 100
44 17.9 14.6 21.8
78 9.9 7.8 11.6

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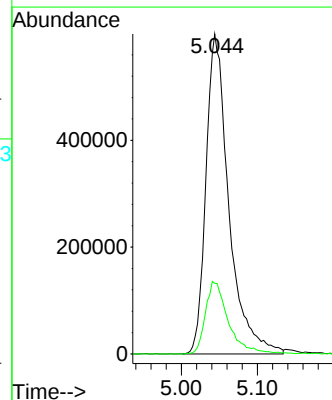
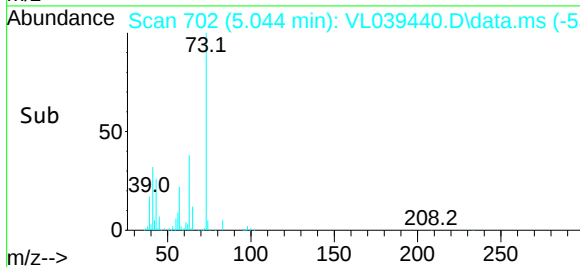
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

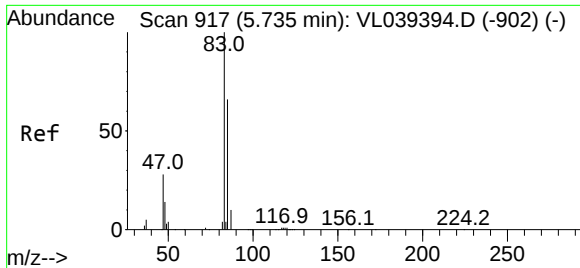


#28
Methyl tert-Butyl Ether
Concen: 10.171 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.025 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



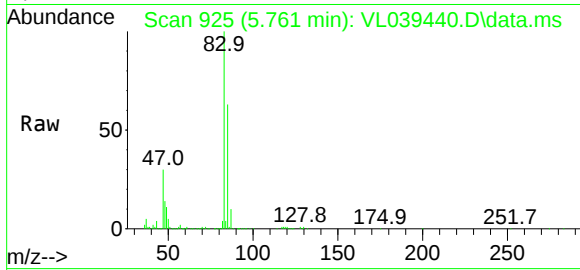
Tgt Ion: 73 Resp: 1251792
Ion Ratio Lower Upper
73 100
57 22.8 19.8 29.8





#29
Chloroform
Concen: 9.619 ppbv
RT: 5.761 min Scan# 917
Delta R.T. 0.025 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

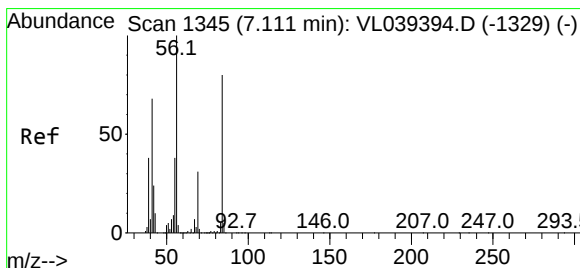
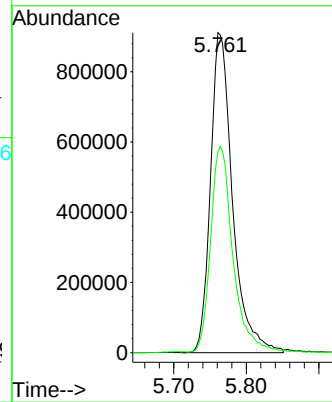
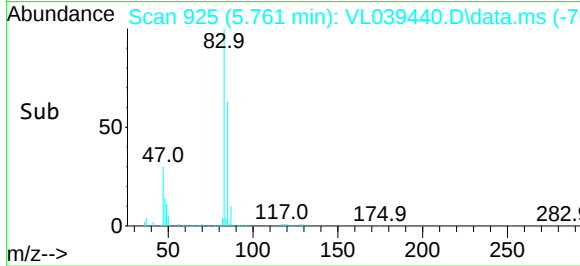
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



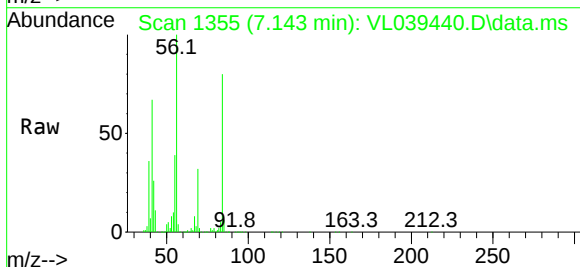
Tgt Ion: 83 Resp: 192525
Ion Ratio Lower Upper
83 100
85 62.5 52.8 79.2

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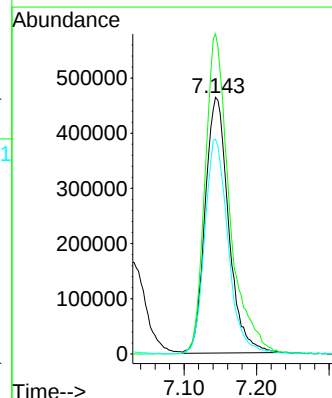
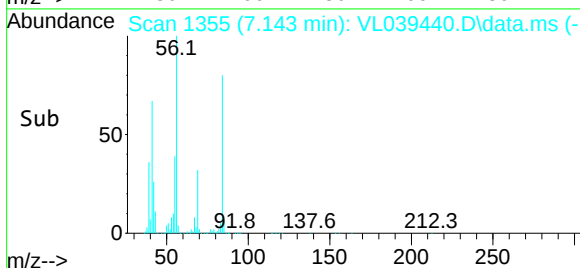
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

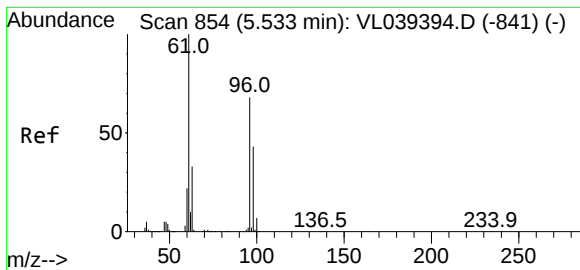


#30
Cyclohexane
Concen: 9.929 ppbv
RT: 7.143 min Scan# 1355
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



Tgt Ion: 84 Resp: 1040507
Ion Ratio Lower Upper
84 100
56 131.2 107.7 161.5
41 84.2 67.7 101.5





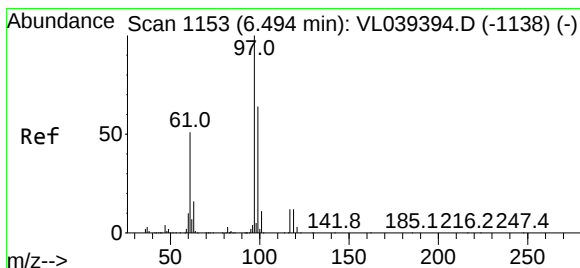
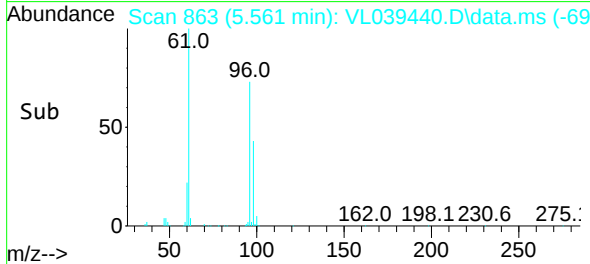
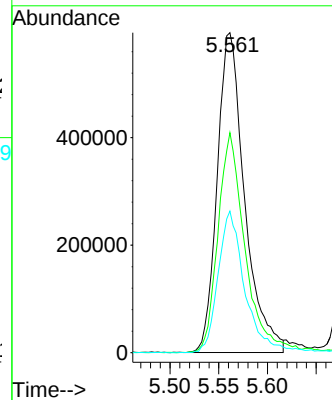
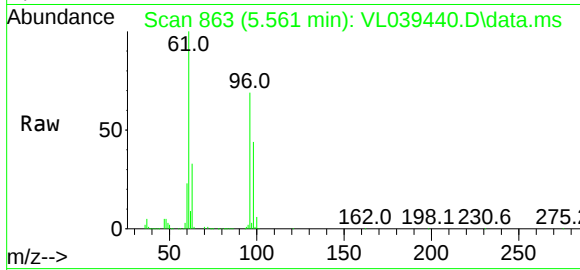
#31
cis-1,2-Dichloroethene
Concen: 9.525 ppbv
RT: 5.561 min Scan# 80
Delta R.T. 0.029 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1163310
Ion Ratio Lower Upper
61 100
96 68.7 54.1 81.1
98 44.2 34.6 52.0

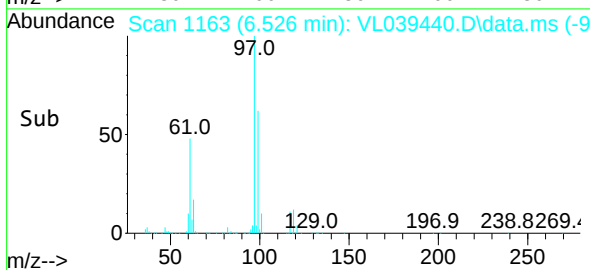
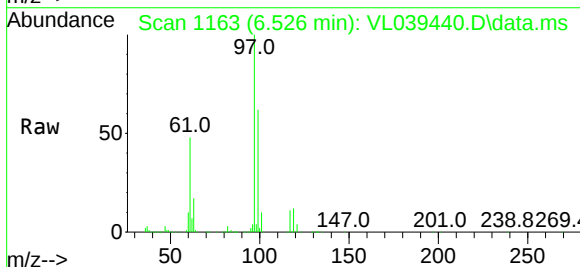
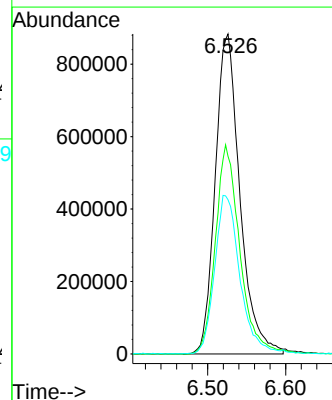
Manual Integrations
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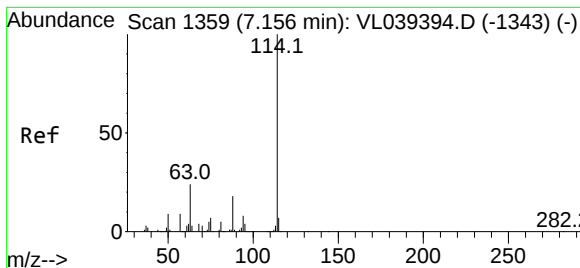
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#32
1,1,1-Trichloroethane
Concen: 9.852 ppbv
RT: 6.526 min Scan# 1163
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

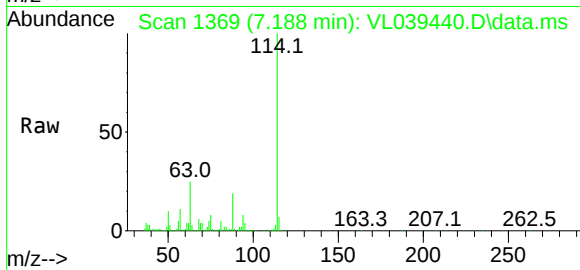
Tgt Ion: 97 Resp: 1946370
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 51.0 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 114
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

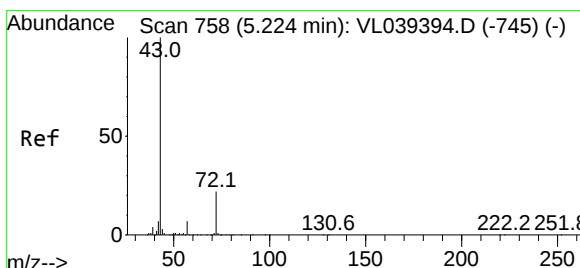
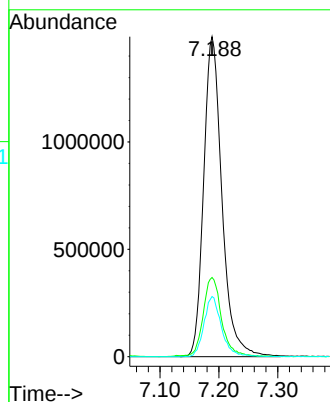
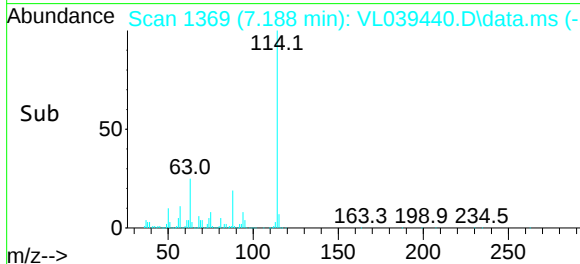
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



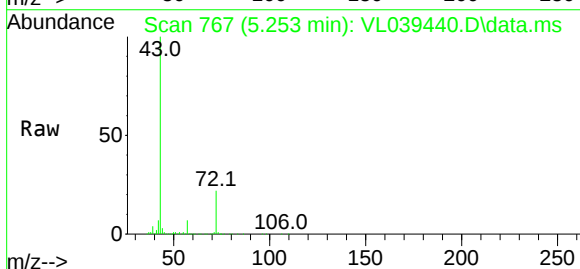
Tgt Ion:114 Resp: 322319
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.1 14.5 21.7

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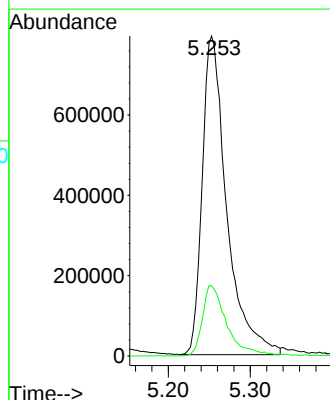
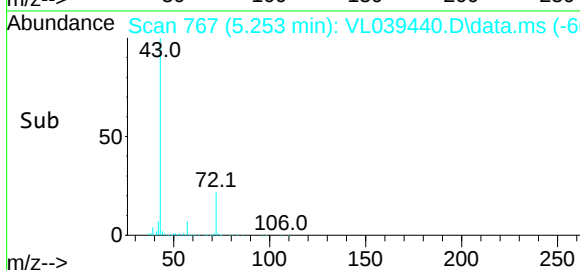
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

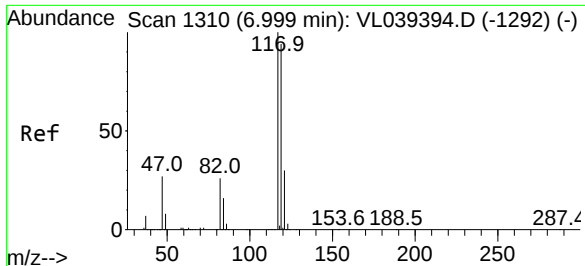


#34
2-Butanone
Concen: 10.161 ppbv
RT: 5.253 min Scan# 767
Delta R.T. 0.029 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



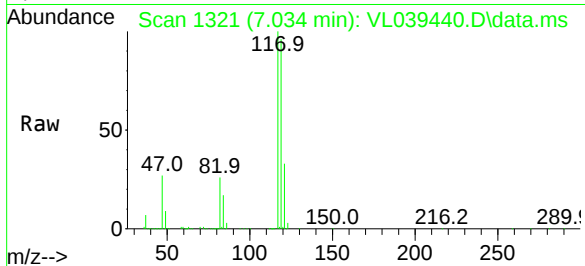
Tgt Ion: 43 Resp: 1648555
Ion Ratio Lower Upper
43 100
72 22.3 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.441 ppbv
RT: 7.034 min Scan# 117
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

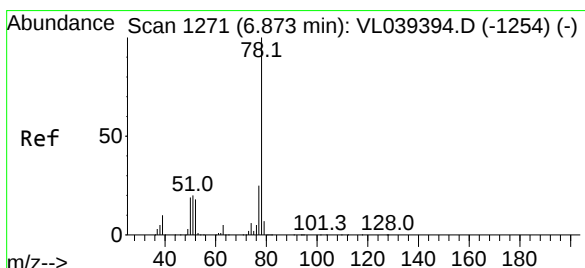
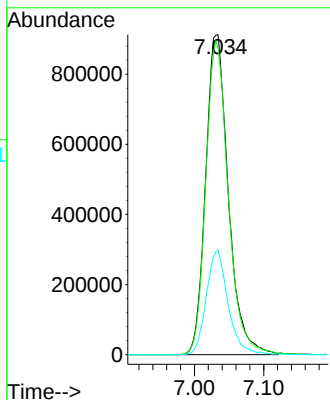
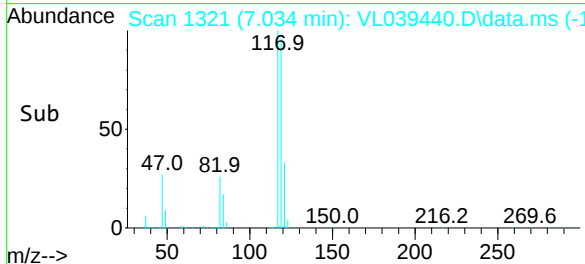
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



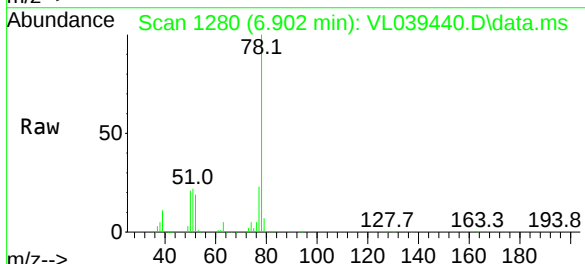
Tgt Ion: 117 Resp: 207956
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.2
121 32.8 24.2 36.2

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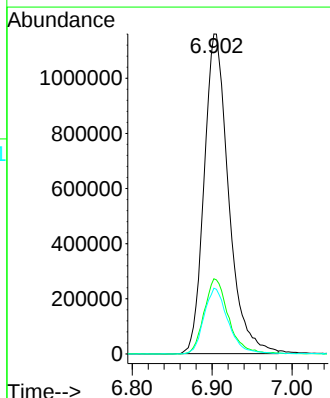
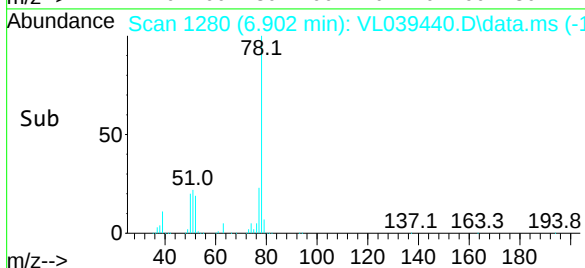
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

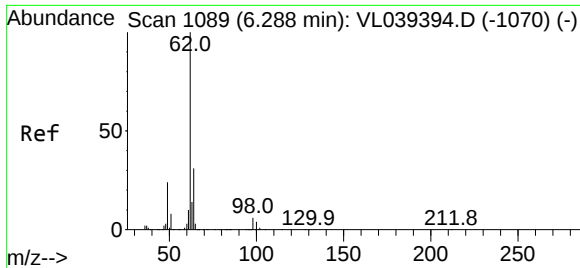


#36
Benzene
Concen: 9.884 ppbv
RT: 6.902 min Scan# 1280
Delta R.T. 0.029 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



Tgt Ion: 78 Resp: 2465707
Ion Ratio Lower Upper
78 100
77 23.5 20.3 30.5
50 20.5 15.5 23.3





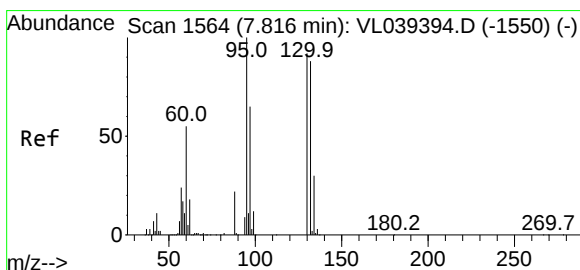
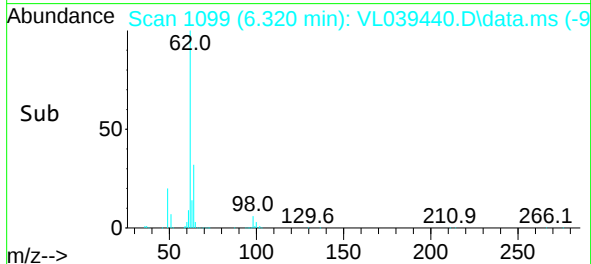
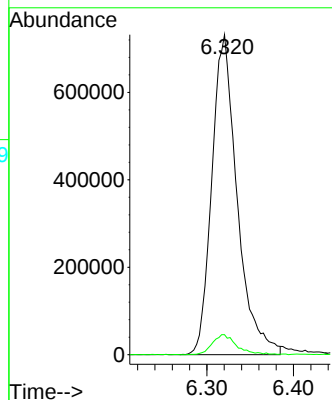
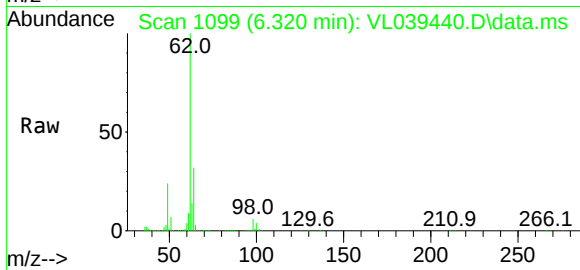
#37
1,2-Dichloroethane
Concen: 10.098 ppbv
RT: 6.320 min Scan# 1089
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 148683
Ion Ratio Lower Upper
62 100
98 6.1 5.1 7.7

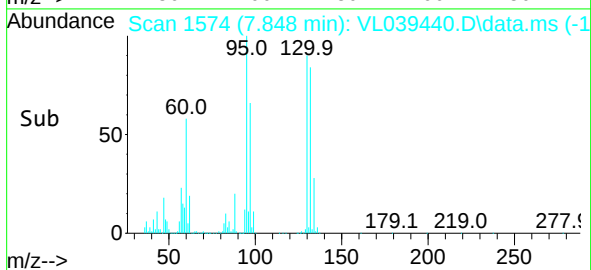
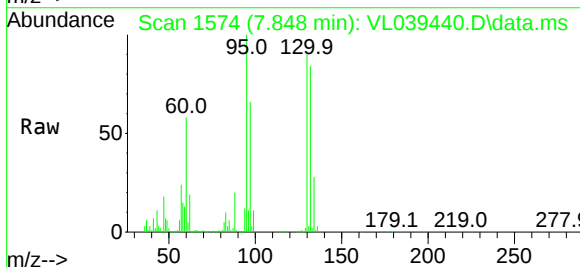
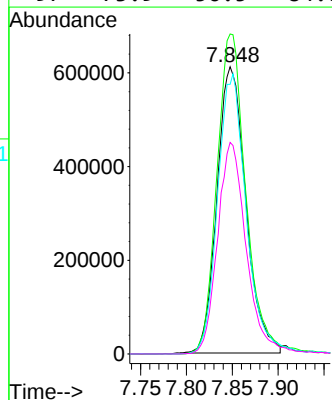
Manual Integrations
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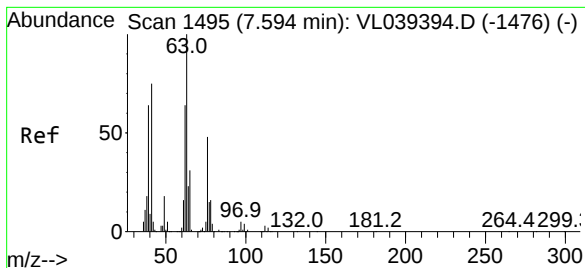
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#38
Trichloroethene
Concen: 9.903 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

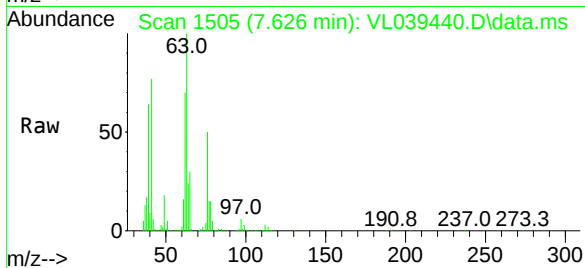
Tgt Ion:130 Resp: 1336153
Ion Ratio Lower Upper
130 100
95 111.8 87.3 130.9
132 94.2 76.7 115.1
97 73.9 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.068 ppbv
RT: 7.626 min Scan# 1505
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

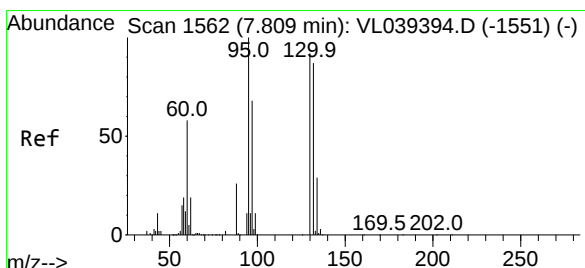
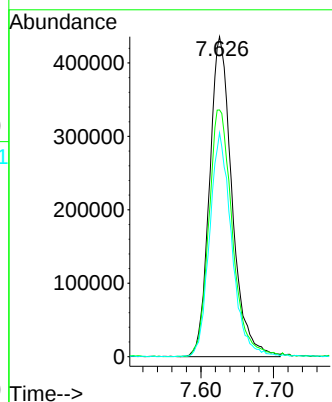
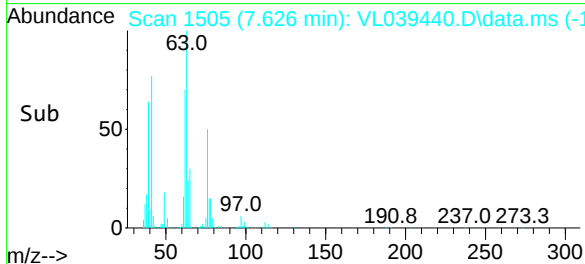
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



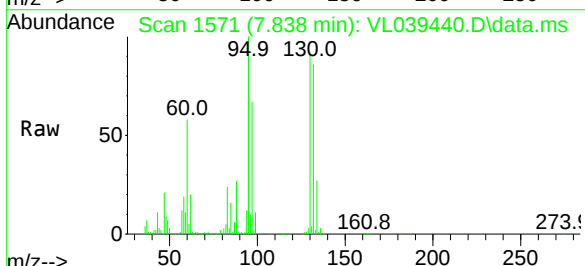
Tgt Ion: 63 Resp: 93824
Ion Ratio Lower Upper
63 100
41 77.0 59.6 89.4
62 69.8 51.4 77.0

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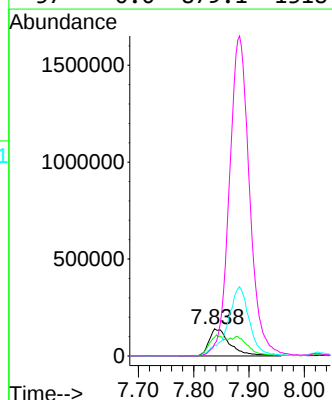
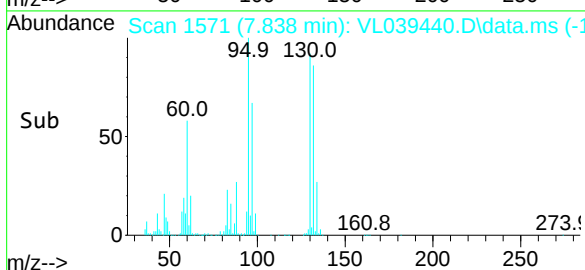
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

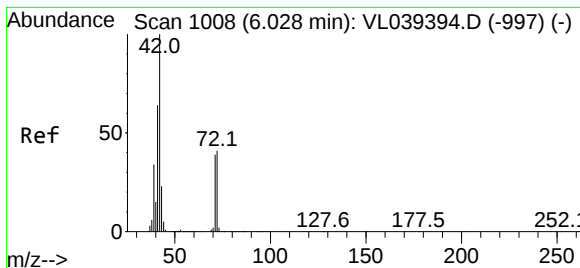


#40
1,4-Dioxane
Concen: 9.975 ppbv m
RT: 7.838 min Scan# 1571
Delta R.T. 0.029 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



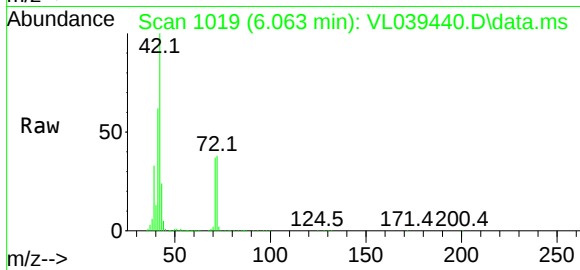
Tgt Ion: 88 Resp: 370459
Ion Ratio Lower Upper
88 100
58 48.7 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.034 ppbv
RT: 6.063 min Scan# 1008
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

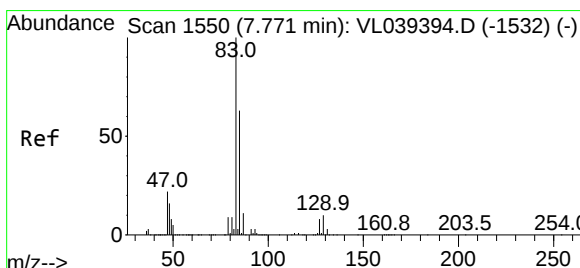
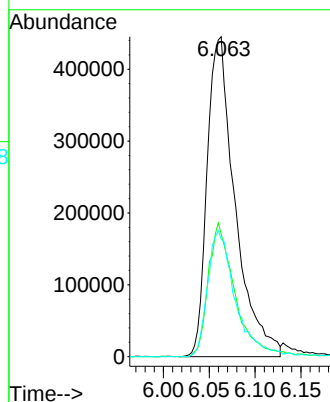
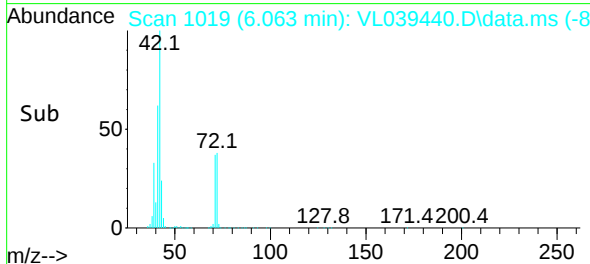
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



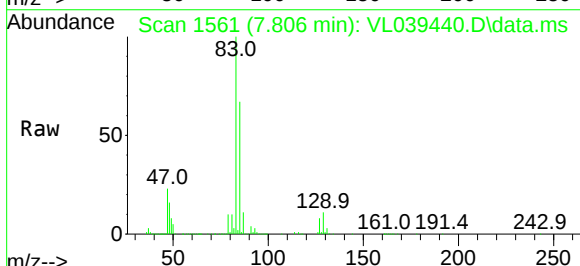
Tgt Ion: 42 Resp: 94338
Ion Ratio Lower Upper
42 100
72 40.8 31.8 47.8
71 39.9 31.8 47.8

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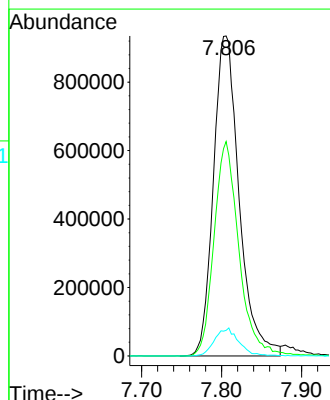
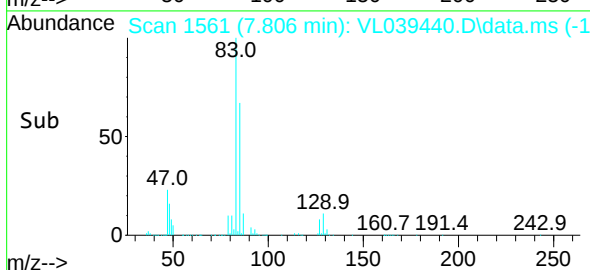
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

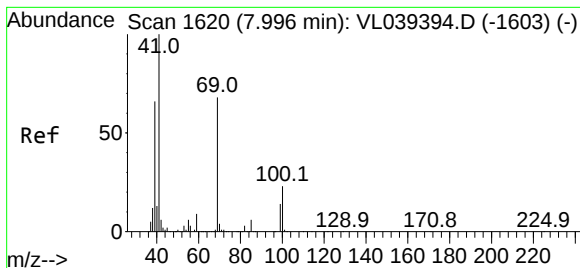


#42
Bromodichloromethane
Concen: 10.524 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



Tgt Ion: 83 Resp: 2089333
Ion Ratio Lower Upper
83 100
85 67.0 50.7 76.1
127 8.0 6.6 9.8





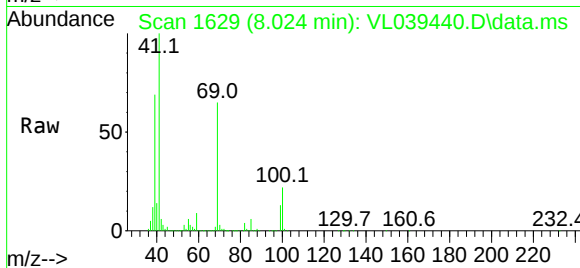
#43
Methyl Methacrylate
Concen: 10.646 ppbv
RT: 8.024 min Scan# 1
Delta R.T. 0.029 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

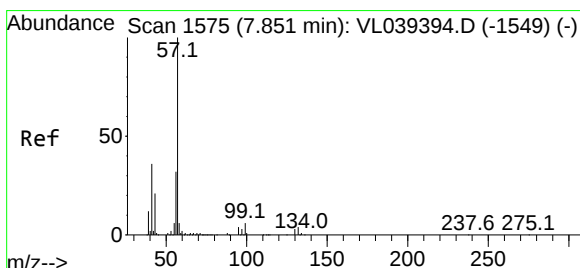
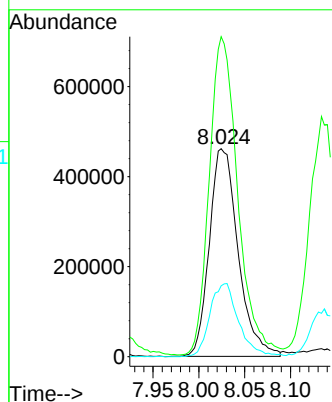
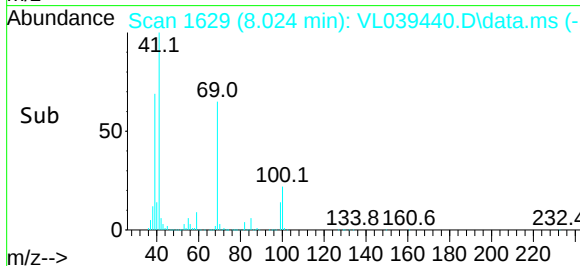


Tgt Ion: 69 Resp: 1009814
Ion Ratio Lower Upper
69 100
41 152.6 120.8 181.2
100 34.9 27.8 41.6

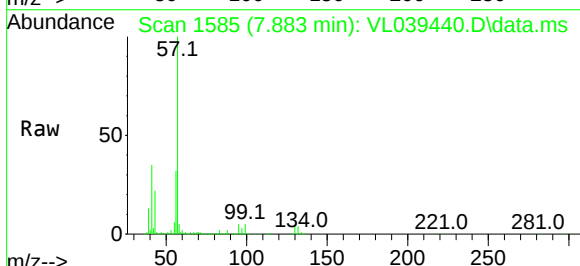
Manual Integrations

APPROVED

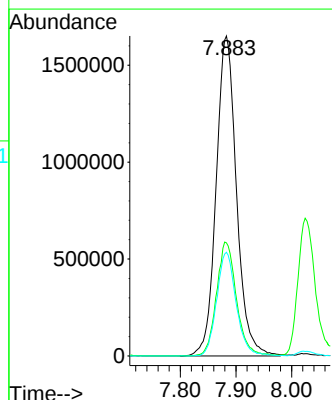
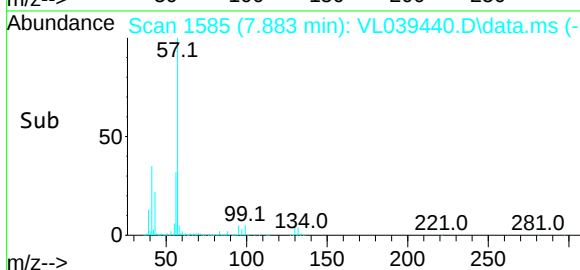
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

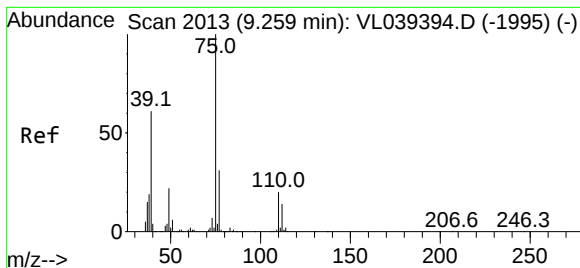


#44
2,2,4-Trimethylpentane
Concen: 9.921 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



Tgt Ion: 57 Resp: 4193890
Ion Ratio Lower Upper
57 100
41 34.8 27.4 41.2
56 31.2 24.5 36.7





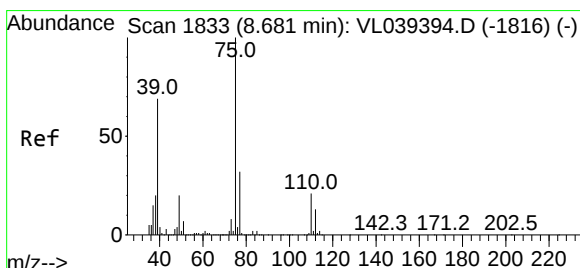
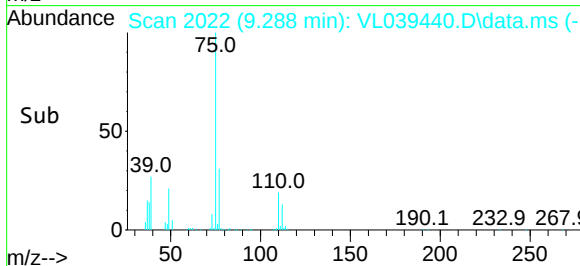
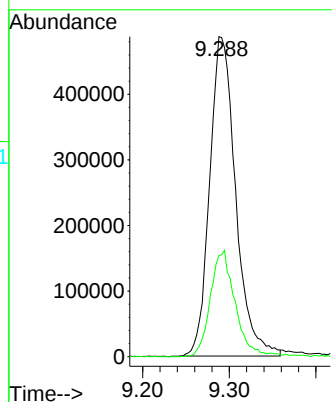
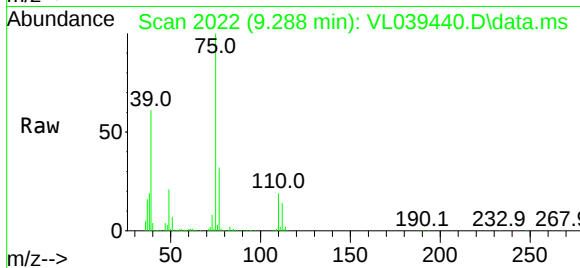
#45
 t-1,3-Dichloropropene
 Concen: 12.032 ppbv
 RT: 9.288 min Scan# 2013
 Delta R.T. 0.029 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 75 Resp: 101616
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8

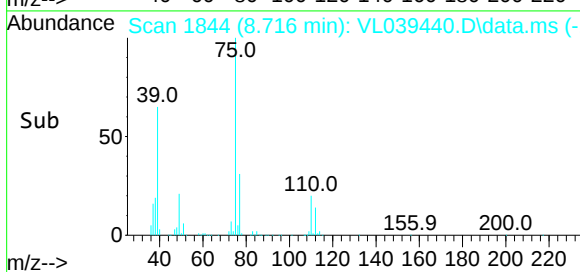
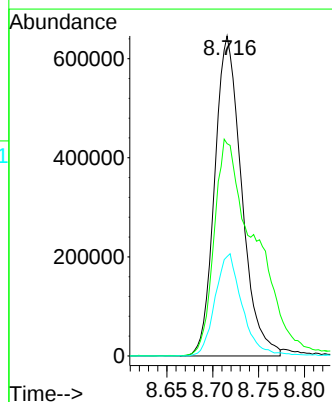
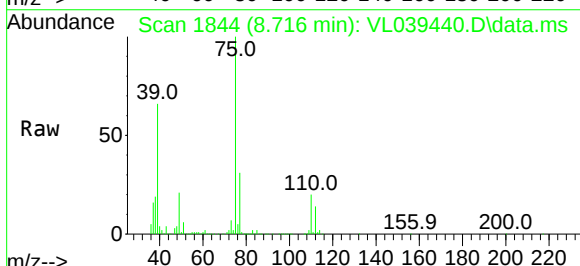
Manual Integrations
 APPROVED

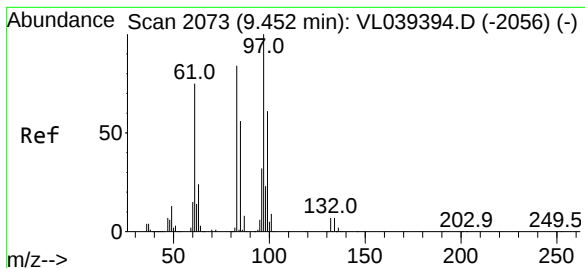
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#46
 cis-1,3-Dichloropropene
 Concen: 11.352 ppbv
 RT: 8.716 min Scan# 1844
 Delta R.T. 0.035 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53

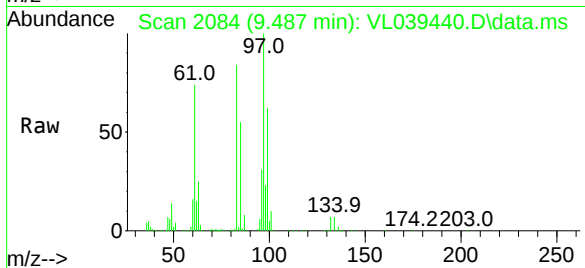
Tgt Ion: 75 Resp: 1319573
 Ion Ratio Lower Upper
 75 100
 39 66.2 55.0 82.4
 77 31.0 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 10.036 ppbv
RT: 9.487 min Scan# 2073
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

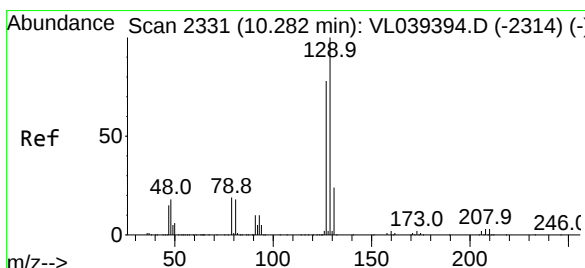
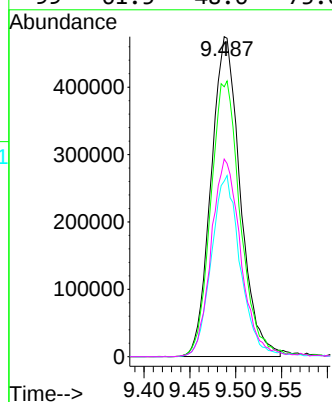
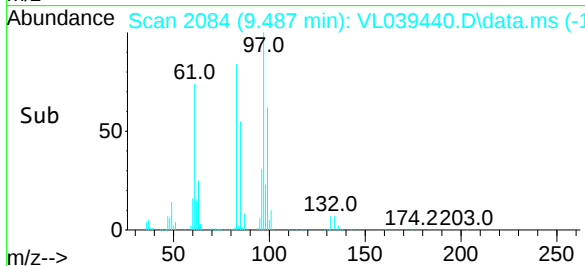
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



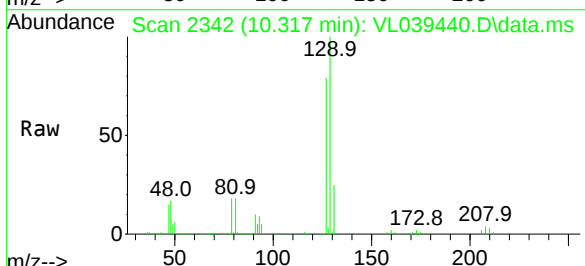
Tgt Ion: 97 Resp: 1049419
Ion Ratio Lower Upper
97 100
83 84.2 67.4 101.0
85 54.8 45.1 67.7
99 61.5 48.6 73.0

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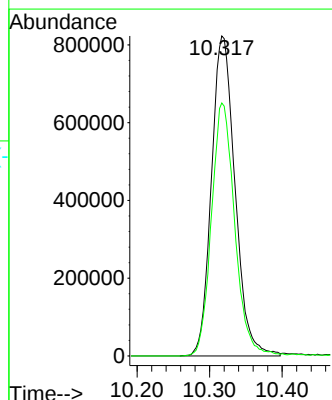
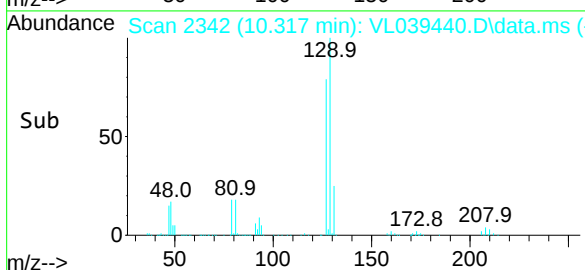
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

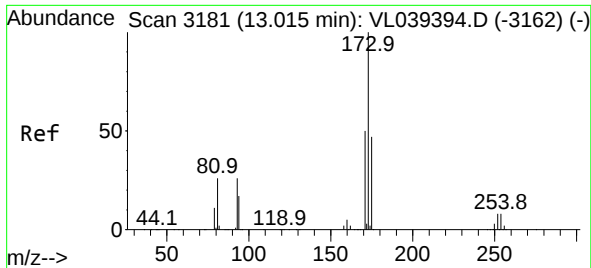


#48
Dibromochloromethane
Concen: 11.193 ppbv
RT: 10.317 min Scan# 2342
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



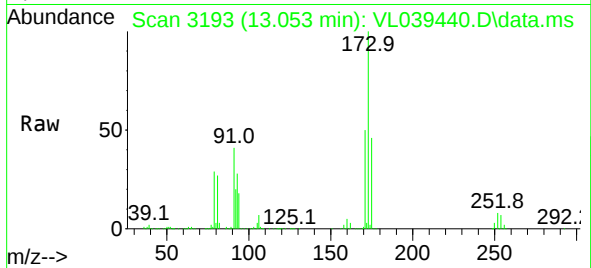
Tgt Ion:129 Resp: 1860291
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9





#49
Bromoform
Concen: 11.604 ppbv
RT: 13.053 min Scan# 3181
Delta R.T. 0.038 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

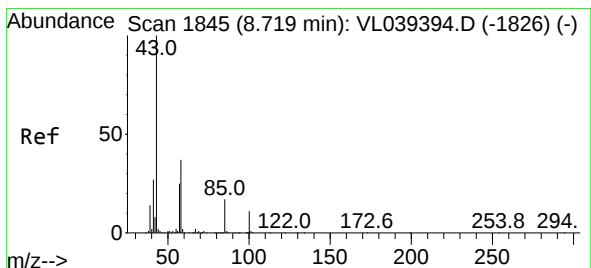
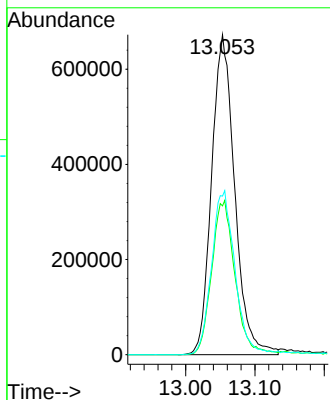
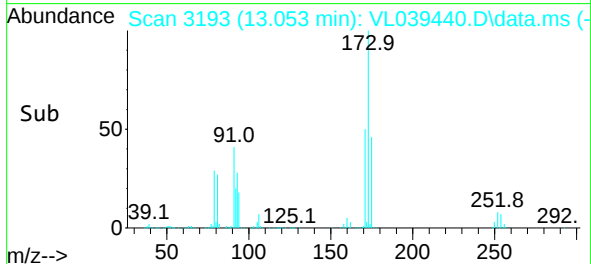
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



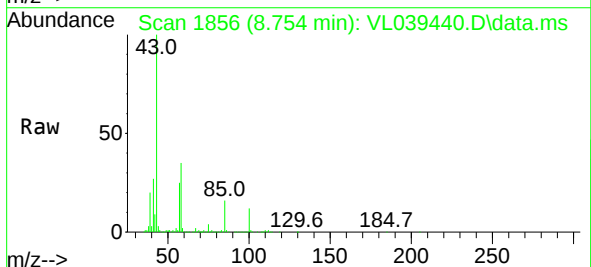
Tgt Ion:173 Resp: 1555878
Ion Ratio Lower Upper
173 100
175 49.7 40.3 60.5
171 52.9 42.9 64.3

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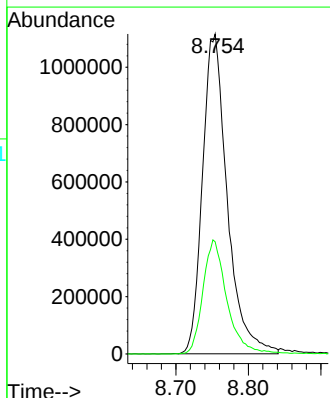
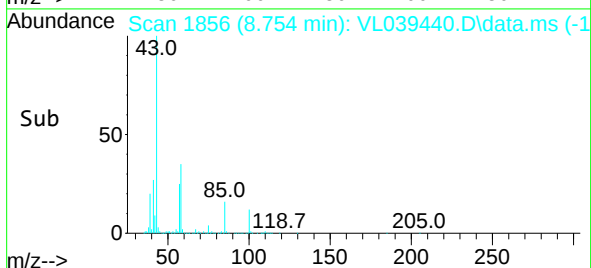
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

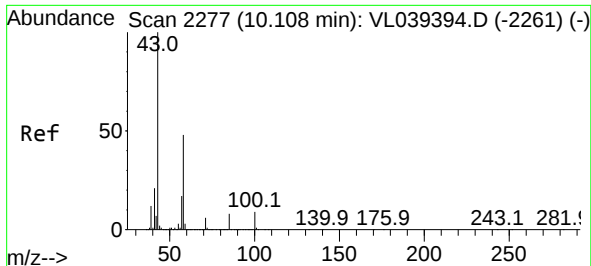


#50
4-Methyl-2-Pentanone
Concen: 10.784 ppbv
RT: 8.754 min Scan# 1856
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



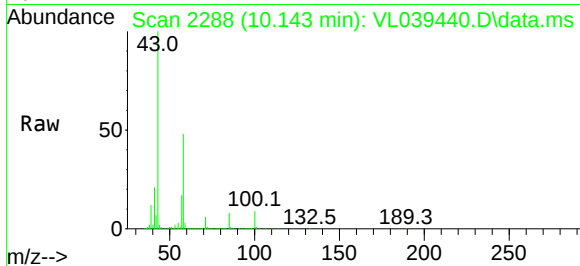
Tgt Ion: 43 Resp: 2645549
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2





#51
2-Hexanone
Concen: 11.196 ppbv
RT: 10.143 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

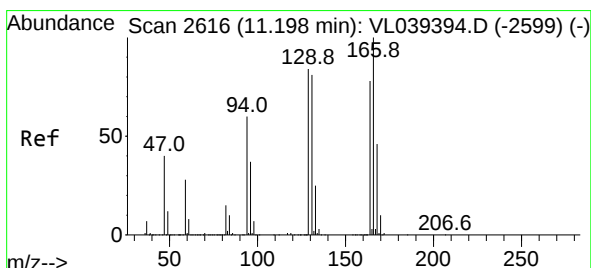
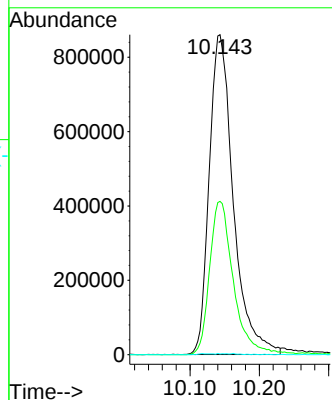
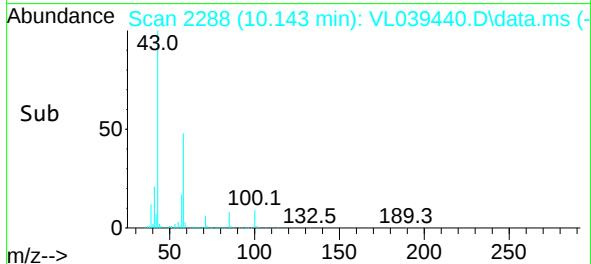
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



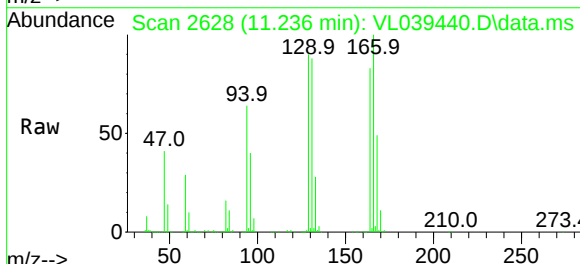
Tgt Ion: 43 Resp: 207755
Ion Ratio Lower Upper
43 100
58 47.9 38.4 57.6
98 0.5 0.3 0.5

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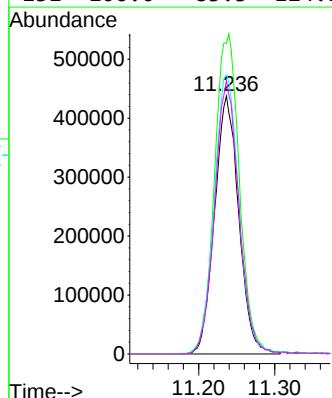
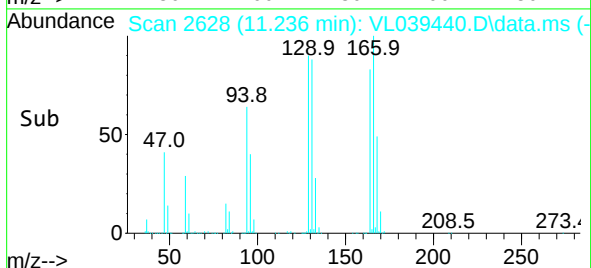
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

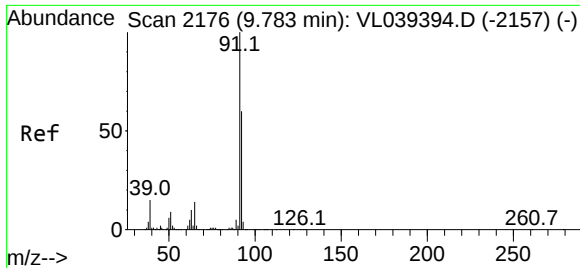


#52
Tetrachloroethene
Concen: 9.604 ppbv
RT: 11.236 min Scan# 2628
Delta R.T. 0.038 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



Tgt Ion:164 Resp: 964463
Ion Ratio Lower Upper
164 100
166 120.5 102.2 153.2
129 108.2 85.8 128.8
131 106.0 83.3 124.9





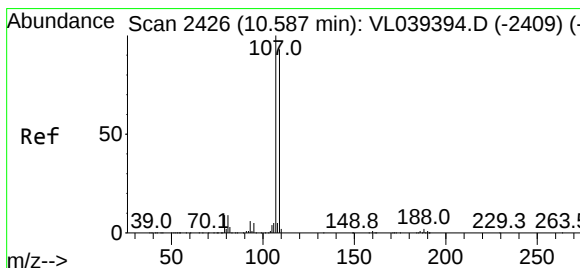
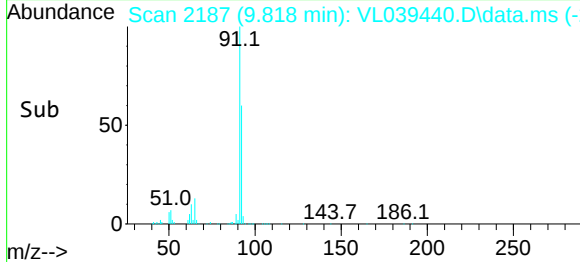
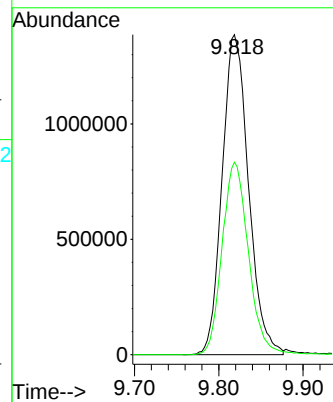
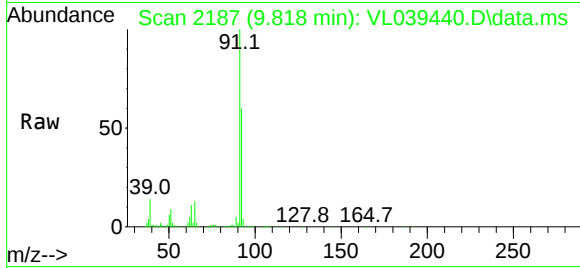
#53
Toluene
Concen: 10.478 ppbv
RT: 9.818 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3015078
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.2

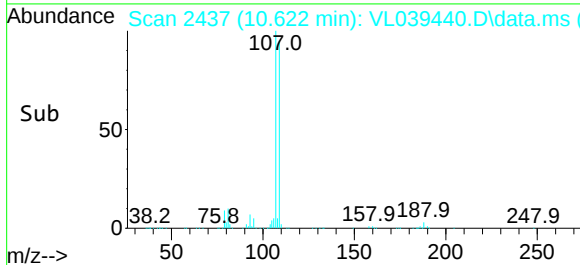
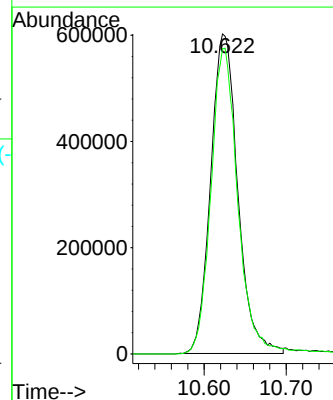
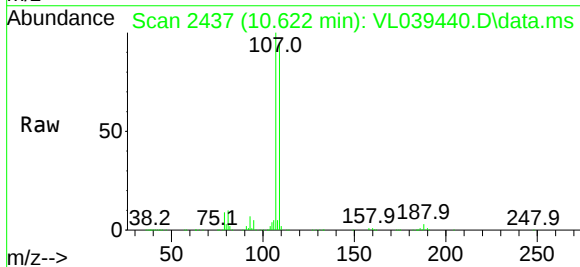
Manual Integrations
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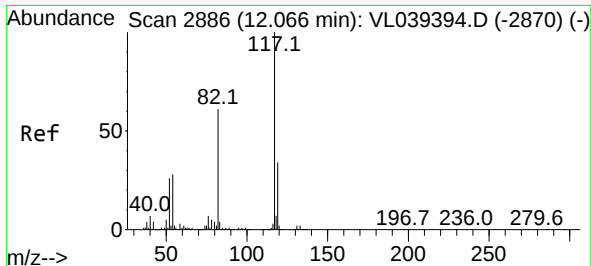
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#54
1,2-Dibromoethane
Concen: 10.636 ppbv
RT: 10.622 min Scan# 2437
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

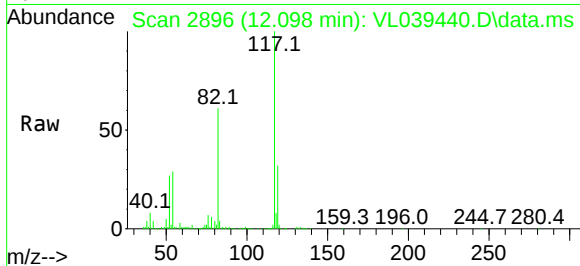
Tgt Ion:107 Resp: 1383812
Ion Ratio Lower Upper
107 100
109 95.4 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.098 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

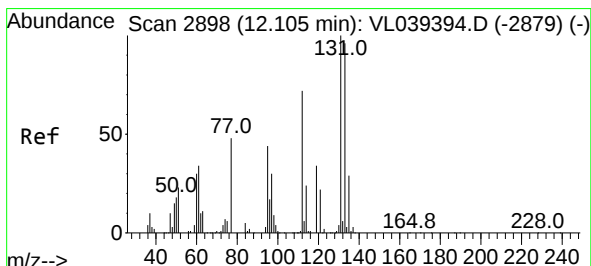
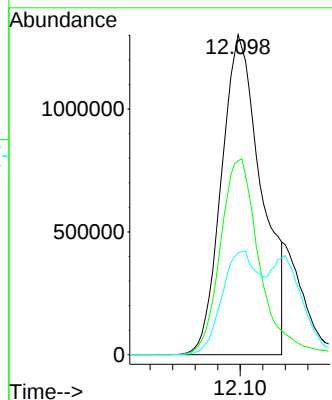
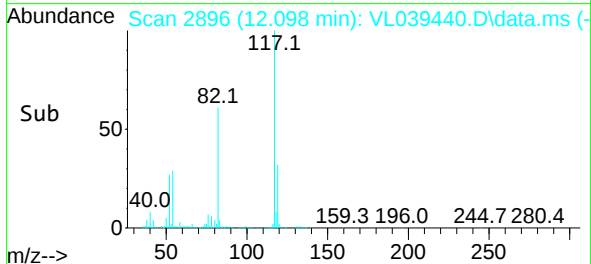
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



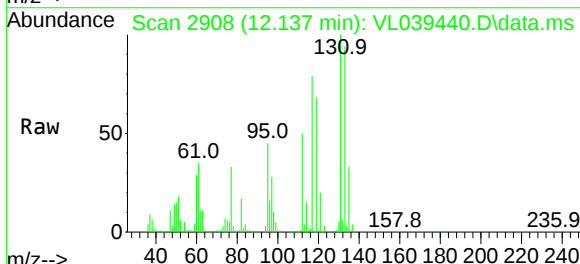
Tgt Ion:117 Resp: 322015
Ion Ratio Lower Upper
117 100
82 60.6 50.8 76.2
119 29.8 24.1 36.1

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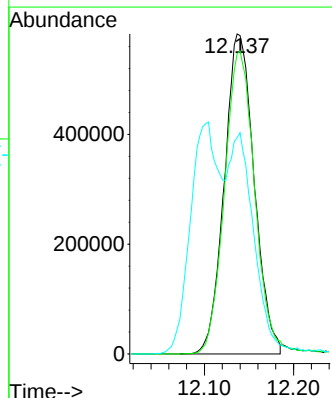
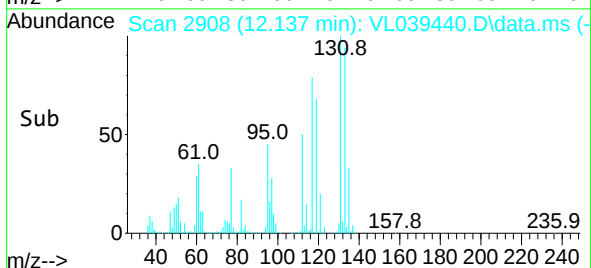
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

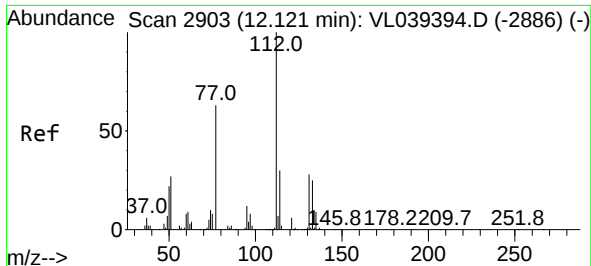


#56
1,1,1,2-Tetrachloroethane
Concen: 9.543 ppbv
RT: 12.137 min Scan# 2908
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



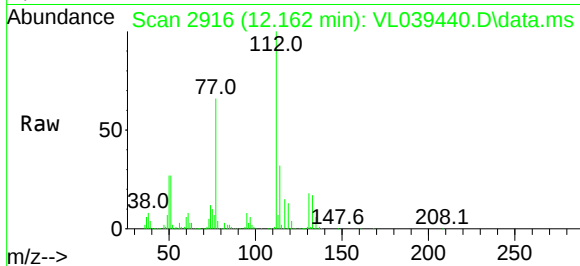
Tgt Ion:131 Resp: 1357587
Ion Ratio Lower Upper
131 100
133 97.2 76.8 115.2
119 67.8 46.2 69.4





#57
Chlorobenzene
Concen: 9.456 ppbv
RT: 12.162 min Scan# 2916
Delta R.T. 0.042 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

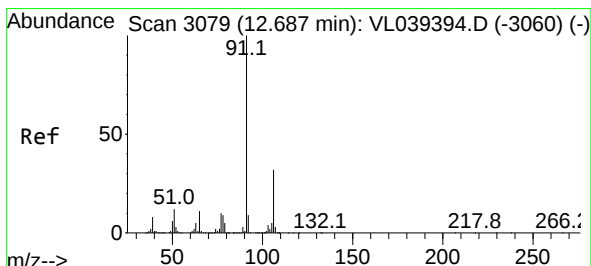
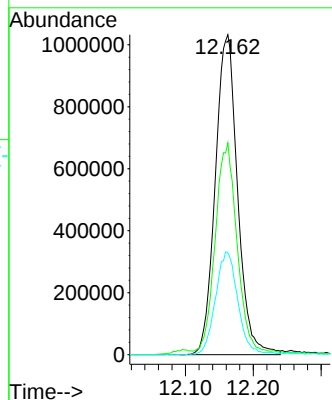
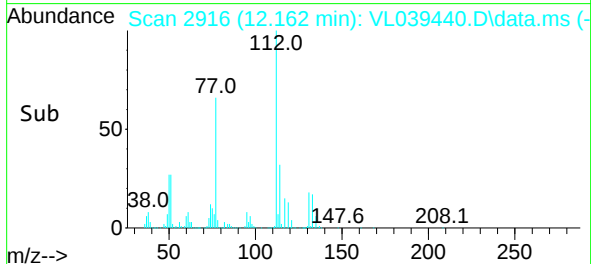
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



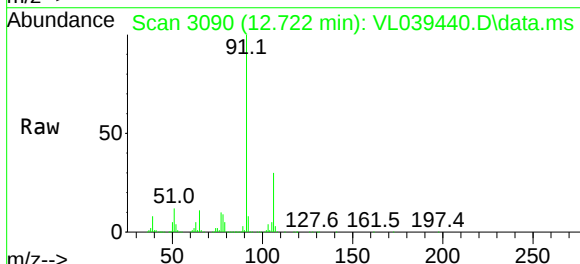
Tgt Ion: 112 Resp: 2360700
Ion Ratio Lower Upper
112 100
77 65.5 51.0 76.4
114 31.9 27.5 33.6

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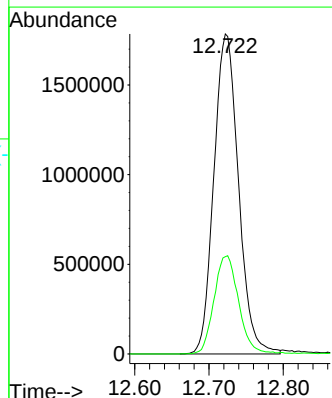
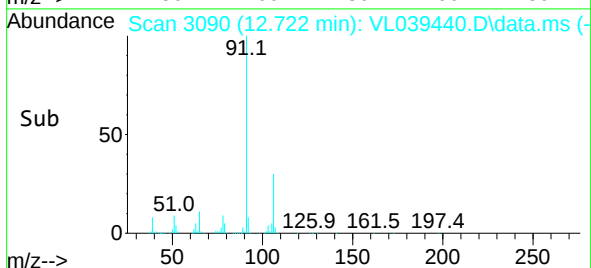
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

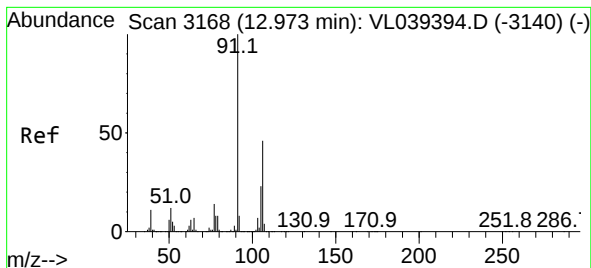


#58
Ethyl Benzene
Concen: 9.881 ppbv
RT: 12.722 min Scan# 3090
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



Tgt Ion: 91 Resp: 4108676
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0





#59

m/p-Xylene

Concen: 19.511 ppbv m

RT: 13.011 min Scan# 3168

Delta R.T. 0.038 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 715211

Ion Ratio Lower Upper

91 100

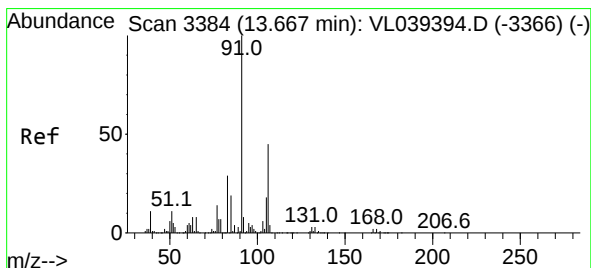
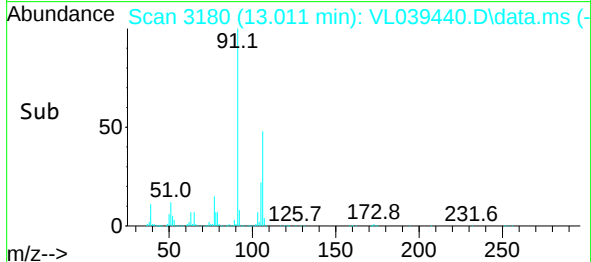
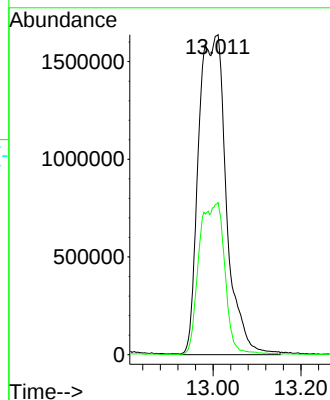
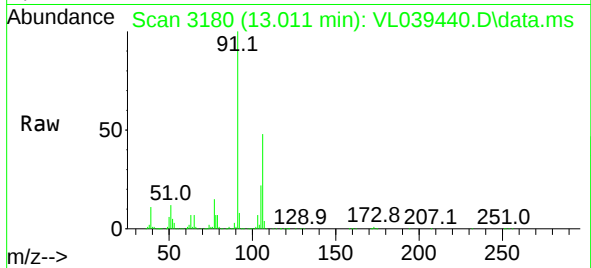
106 44.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#60

o-Xylene

Concen: 9.757 ppbv

RT: 13.703 min Scan# 3395

Delta R.T. 0.035 min

Lab File: VL039440.D

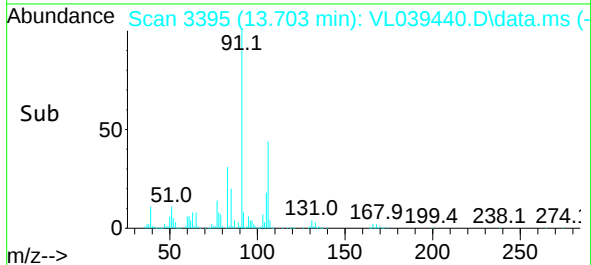
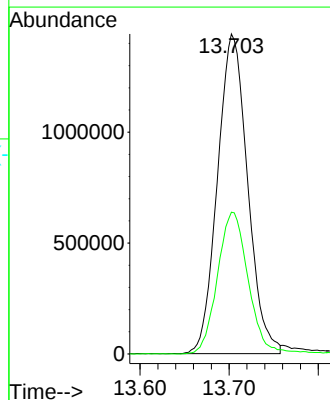
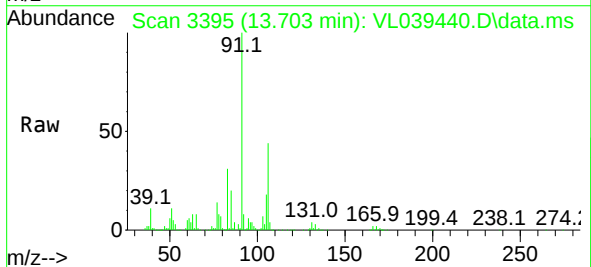
Acq: 6 Jul 2022 9:53

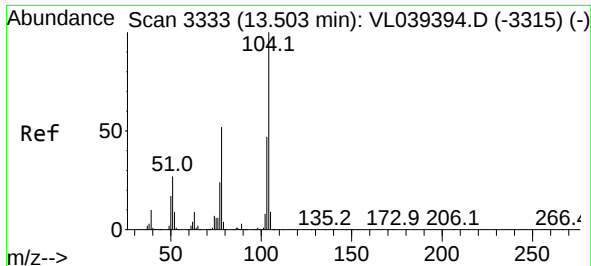
Tgt Ion: 91 Resp: 3386826

Ion Ratio Lower Upper

91 100

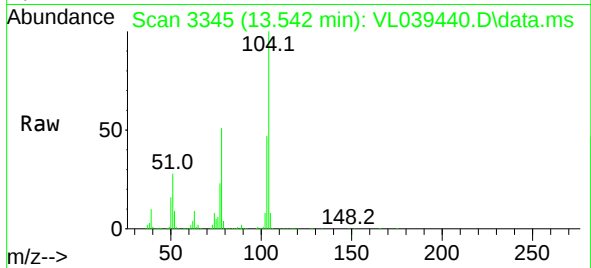
106 45.8 22.4 67.3





#61
Styrene
Concen: 10.474 ppbv
RT: 13.542 min Scan# 31
Delta R.T. 0.038 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

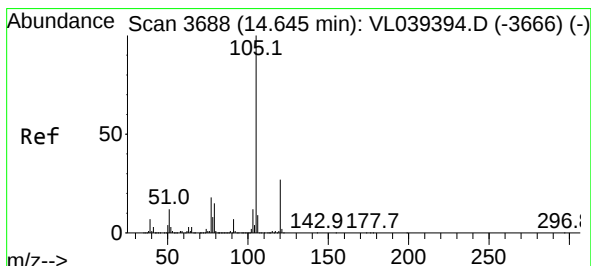
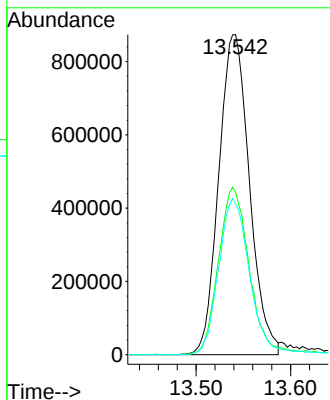
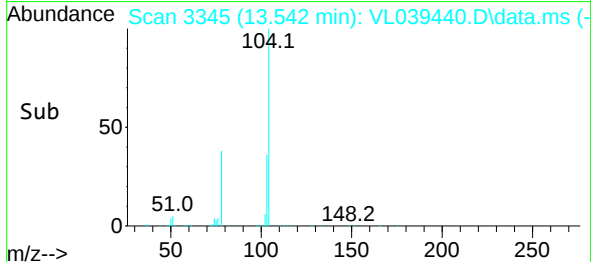
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



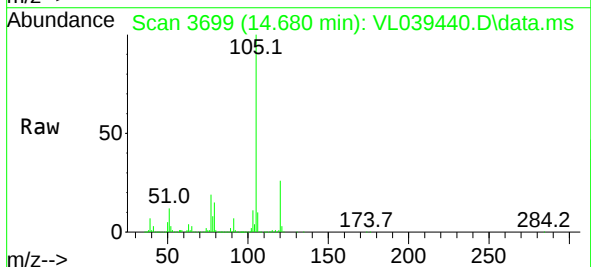
Tgt Ion:104 Resp: 1969578
Ion Ratio Lower Upper
104 100
78 53.3 41.2 61.8
103 49.6 38.7 58.1

Manual Integrations
APPROVED

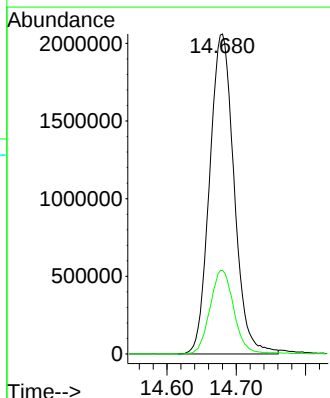
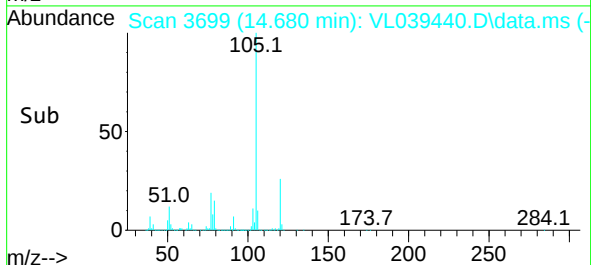
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

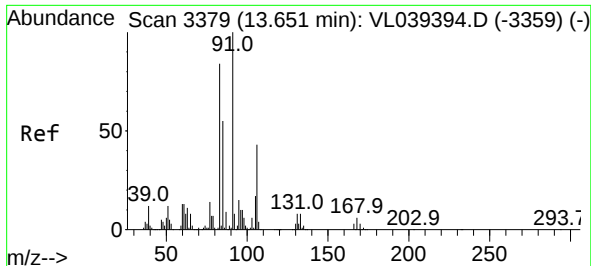


#62
Isopropylbenzene
Concen: 9.550 ppbv
RT: 14.680 min Scan# 3699
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



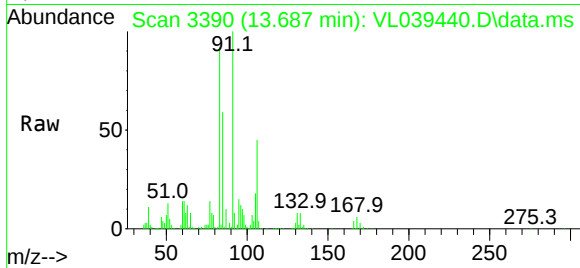
Tgt Ion:105 Resp: 5048295
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.064 ppbv
RT: 13.687 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

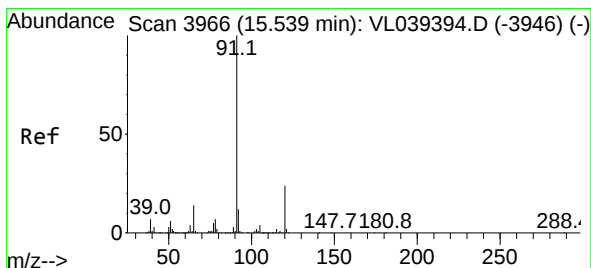
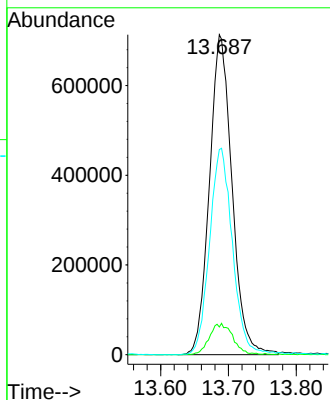
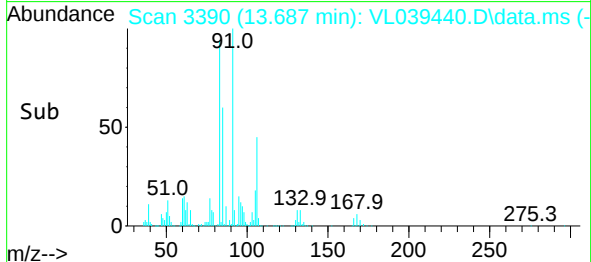
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



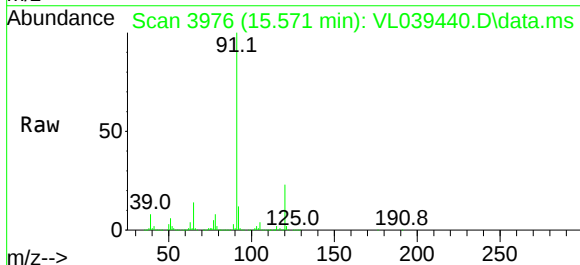
Tgt Ion: 83 Resp: 164925
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 65.7 33.1 99.5

Manual Integrations
APPROVED

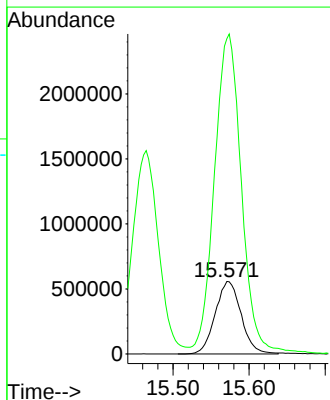
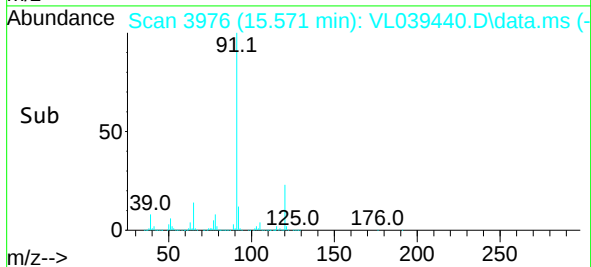
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

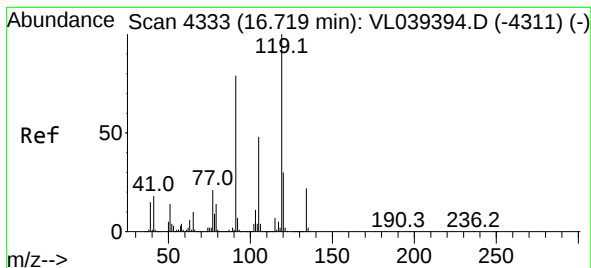


#64
n-propylbenzene
Concen: 9.828 ppbv
RT: 15.571 min Scan# 3976
Delta R.T. 0.032 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



Tgt Ion:120 Resp: 1316850
Ion Ratio Lower Upper
120 100
91 461.5 367.2 550.8





#65

tert-Butylbenzene

Concen: 9.529 ppbv

RT: 16.754 min Scan# 41

Delta R.T. 0.035 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 4654894

Ion Ratio Lower Upper

119 100

91 79.3 63.4 95.2

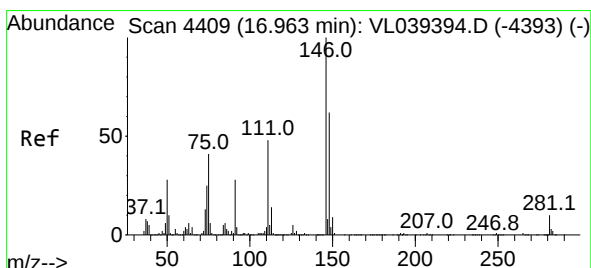
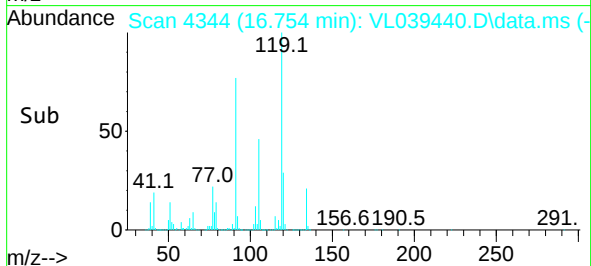
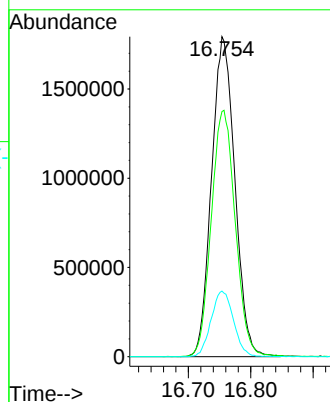
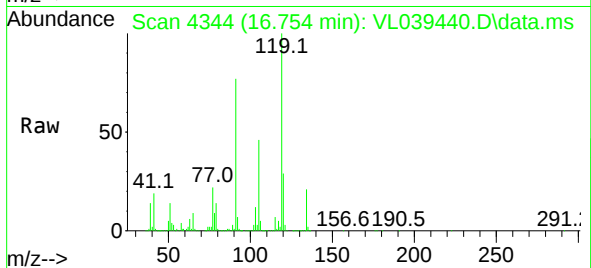
134 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#66

Benzyl Chloride

Concen: 10.488 ppbv

RT: 16.998 min Scan# 4420

Delta R.T. 0.035 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

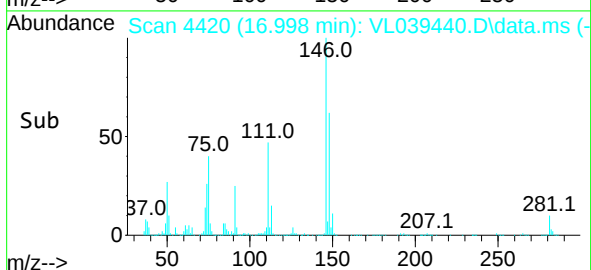
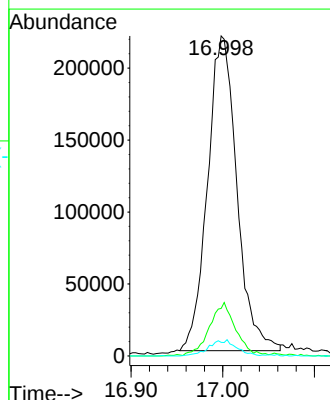
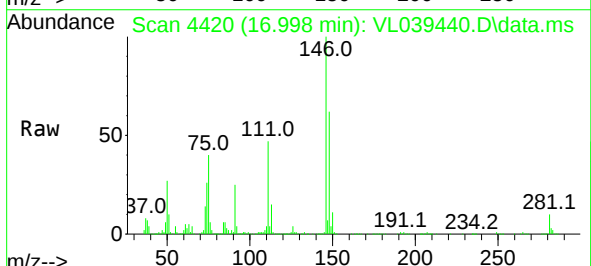
Tgt Ion: 91 Resp: 486845

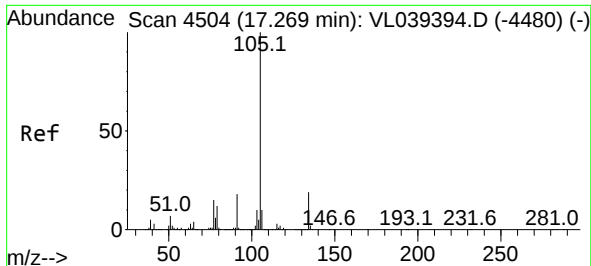
Ion Ratio Lower Upper

91 100

126 15.9 13.1 19.7

128 5.0 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.692 ppbv

RT: 17.304 min Scan# 41

Delta R.T. 0.035 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 637712

Ion Ratio Lower Upper

105 100

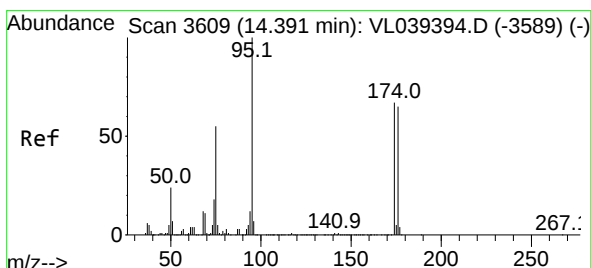
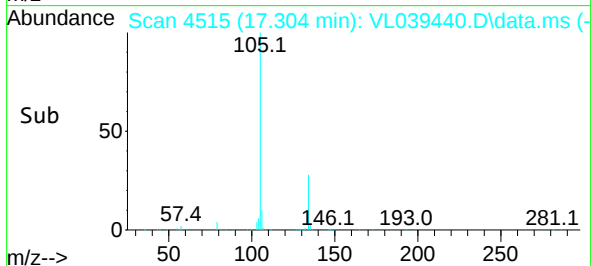
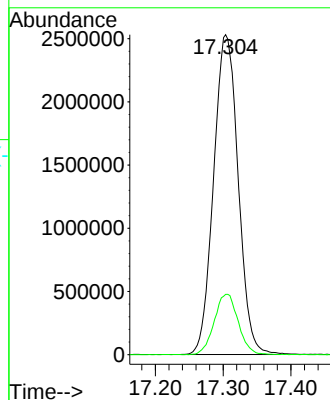
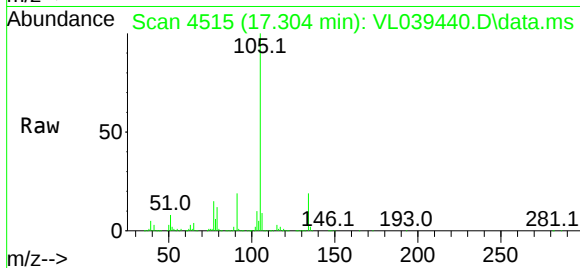
134 18.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.834 ppbv

RT: 14.429 min Scan# 3621

Delta R.T. 0.038 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

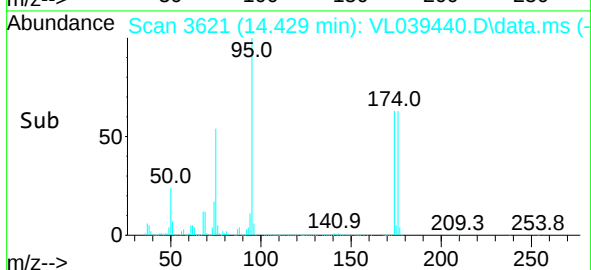
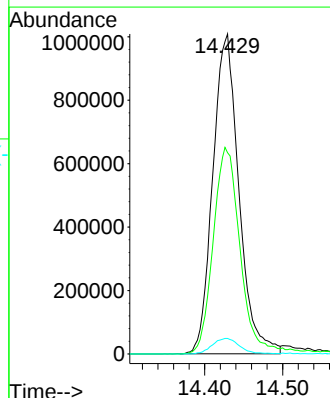
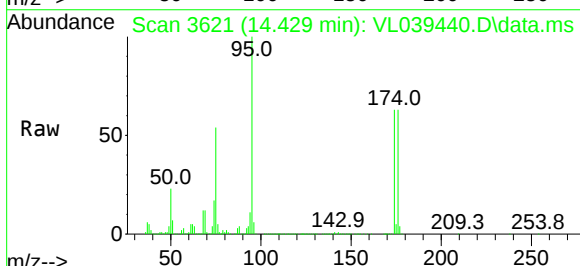
Tgt Ion: 95 Resp: 2349268

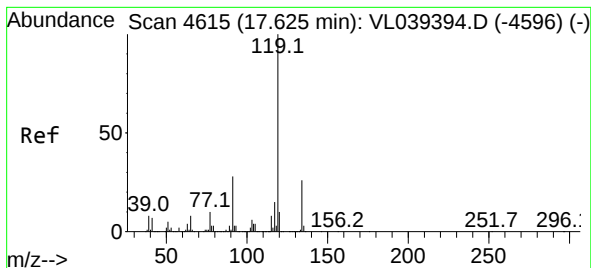
Ion Ratio Lower Upper

95 100

174 68.2 55.9 83.9

175 5.1 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.807 ppbv

RT: 17.661 min Scan# 40

Delta R.T. 0.035 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 547472

Ion Ratio Lower Upper

119 100

134 25.0 20.3 30.5

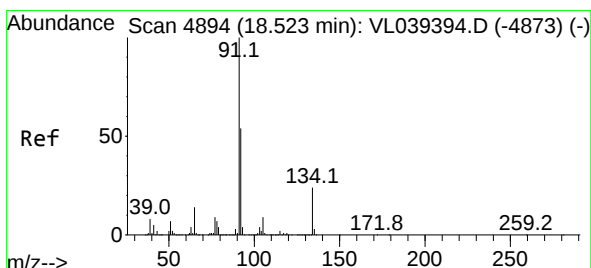
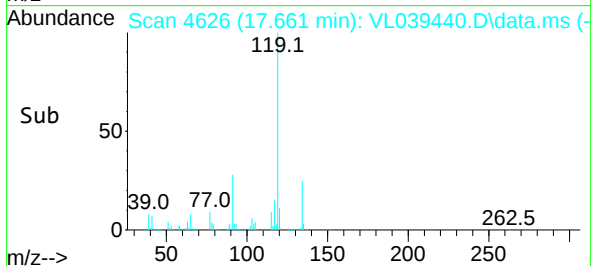
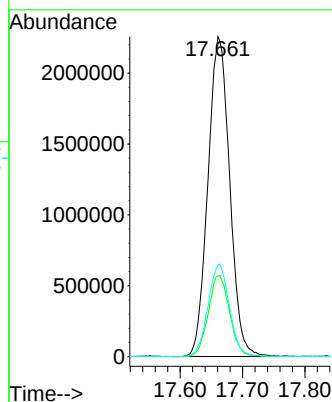
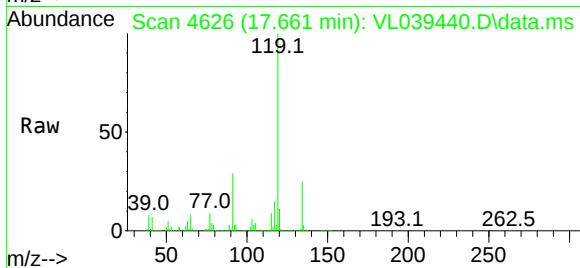
91 28.4 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#70

n-Butylbenzene

Concen: 9.875 ppbv

RT: 18.558 min Scan# 4905

Delta R.T. 0.035 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

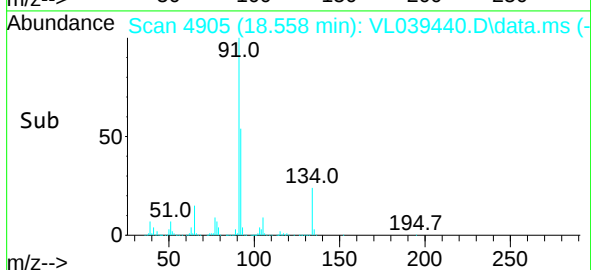
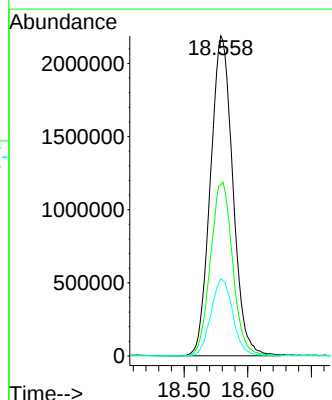
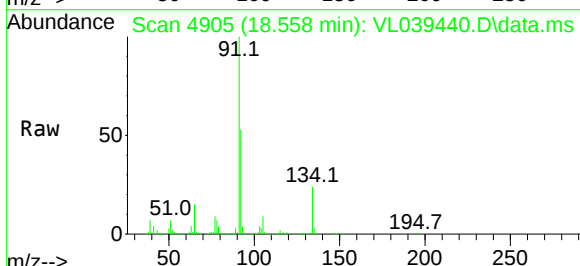
Tgt Ion: 91 Resp: 5350546

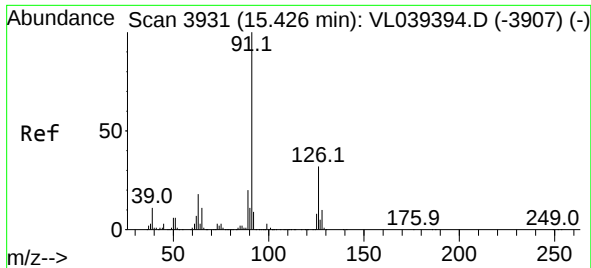
Ion Ratio Lower Upper

91 100

92 54.1 43.4 65.2

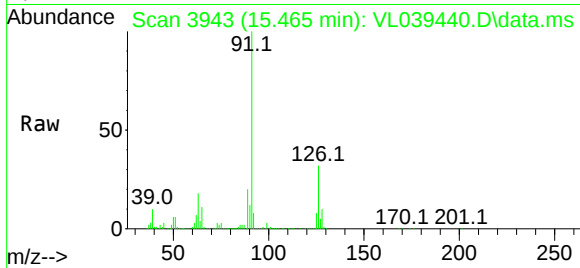
134 23.8 18.9 28.3





#71
2-Chlorotoluene
Concen: 9.814 ppbv
RT: 15.465 min Scan# 3931
Delta R.T. 0.038 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53

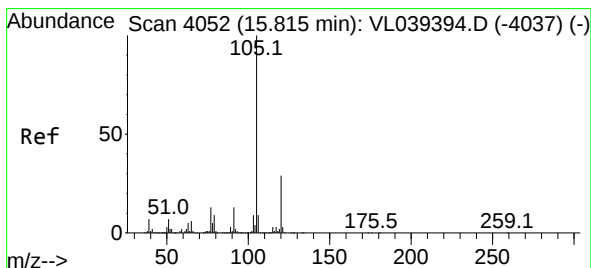
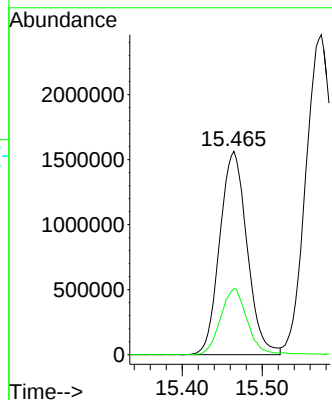
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



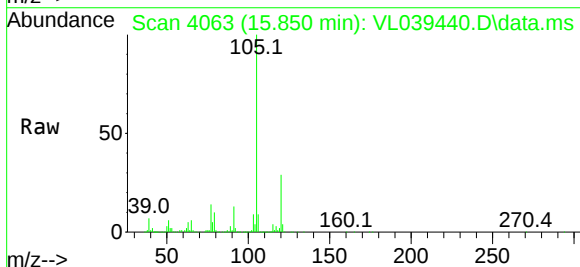
Tgt Ion: 91 Resp: 371302
Ion Ratio Lower Upper
91 100
126 32.2 13.0 51.8

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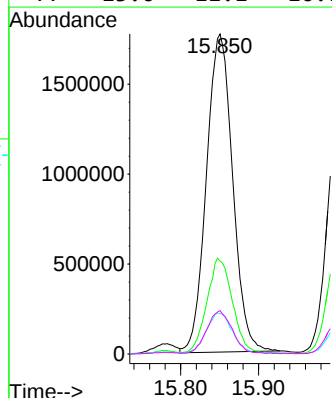
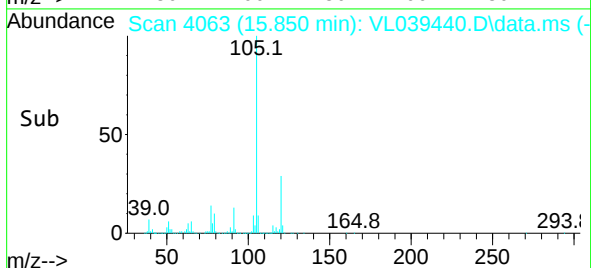
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

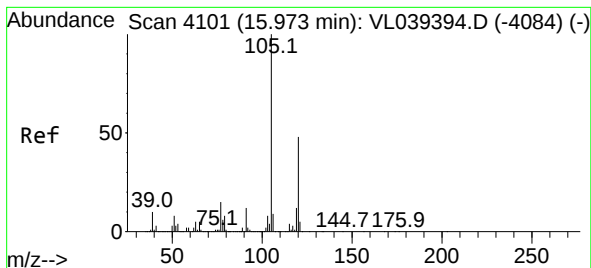


#72
4-Ethyltoluene
Concen: 10.158 ppbv
RT: 15.850 min Scan# 4063
Delta R.T. 0.035 min
Lab File: VL039440.D
Acq: 6 Jul 2022 9:53



Tgt Ion:105 Resp: 4145777
Ion Ratio Lower Upper
105 100
120 29.6 24.2 36.2
91 12.7 10.2 15.4
77 13.6 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.147 ppbv

RT: 16.005 min Scan# 4101

Delta R.T. 0.032 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 380340

Ion Ratio Lower Upper

105 100

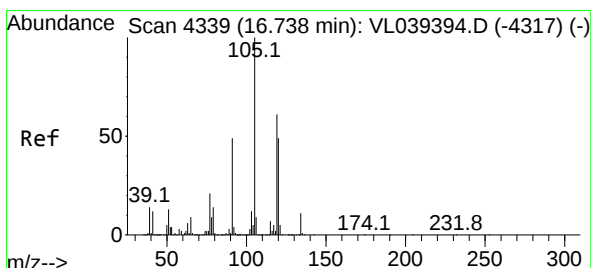
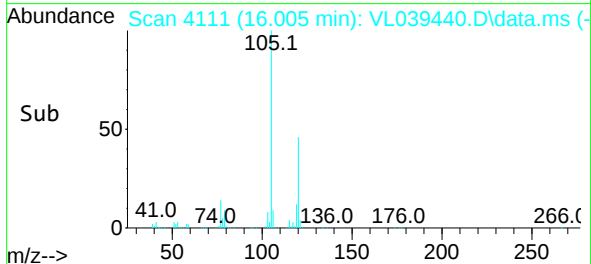
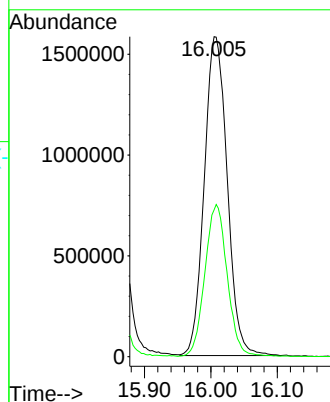
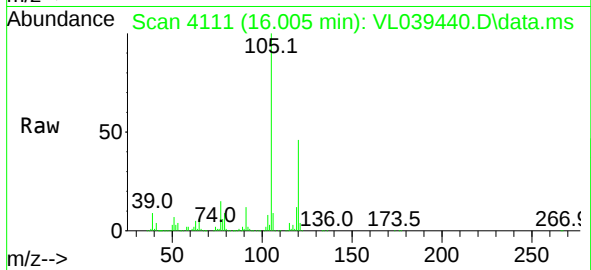
120 46.0 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.821 ppbv

RT: 16.773 min Scan# 4350

Delta R.T. 0.035 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

Tgt Ion:105 Resp: 4072217

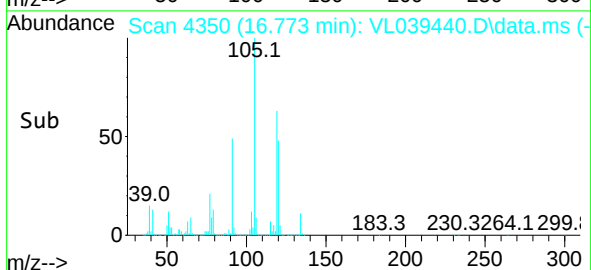
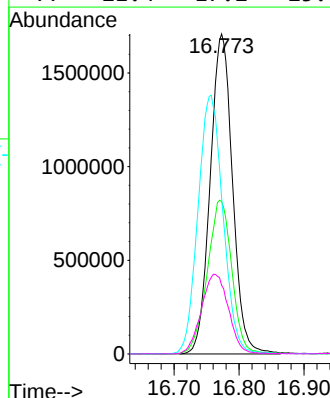
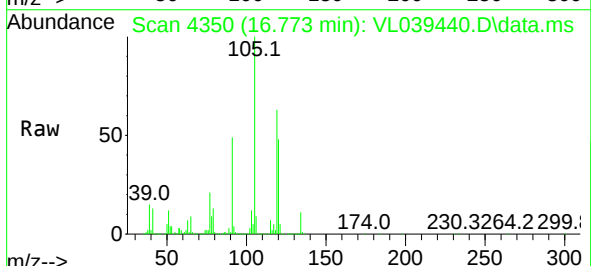
Ion Ratio Lower Upper

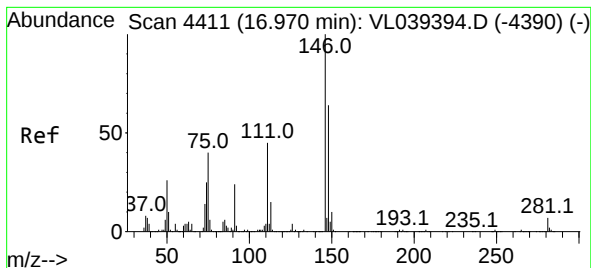
105 100

120 47.5 39.5 59.3

91 48.5 39.2 58.8

77 21.4 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.663 ppbv

RT: 17.008 min Scan# 4411

Delta R.T. 0.038 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 239022

Ion Ratio Lower Upper

146 100

111 46.9 22.9 68.7

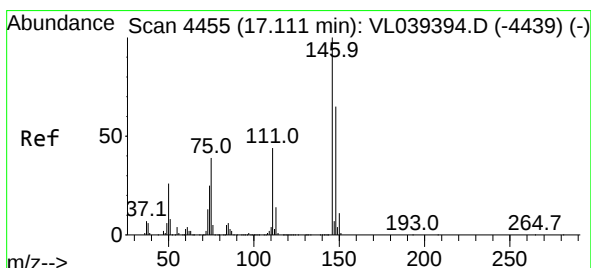
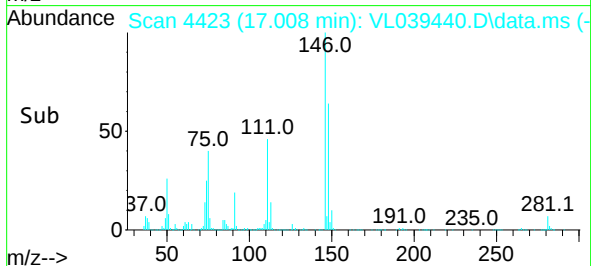
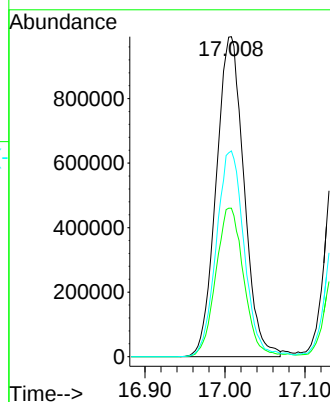
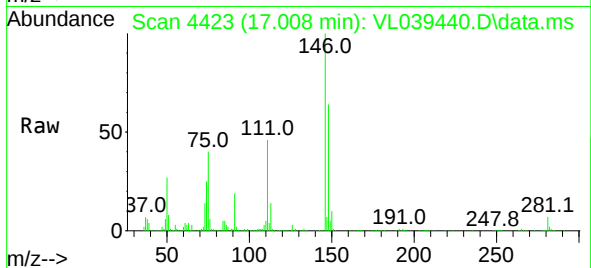
148 64.6 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#76

1,4-Dichlorobenzene

Concen: 9.382 ppbv

RT: 17.149 min Scan# 4467

Delta R.T. 0.038 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

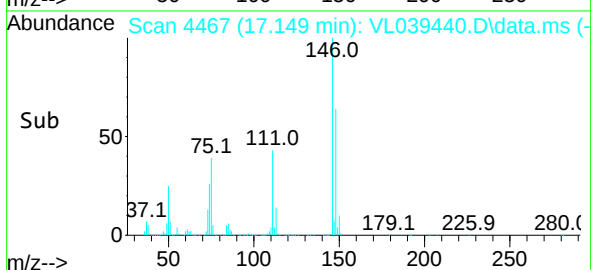
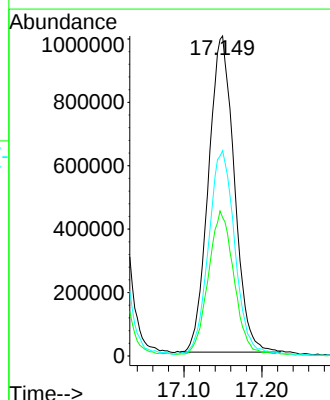
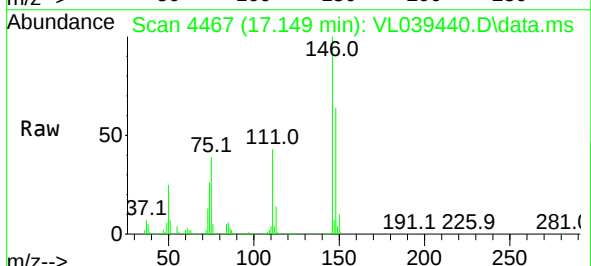
Tgt Ion:146 Resp: 2300061

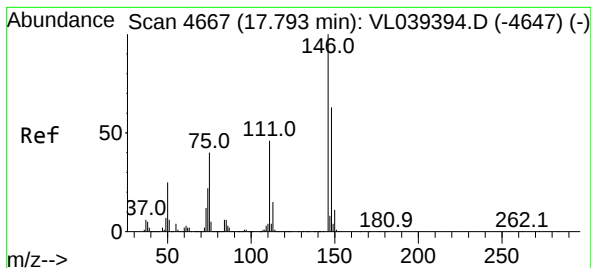
Ion Ratio Lower Upper

146 100

111 46.5 22.9 68.8

148 66.9 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.543 ppbv

RT: 17.828 min Scan# 405

Delta R.T. 0.035 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 233977

Ion Ratio Lower Upper

146 100

111 47.7 23.8 71.5

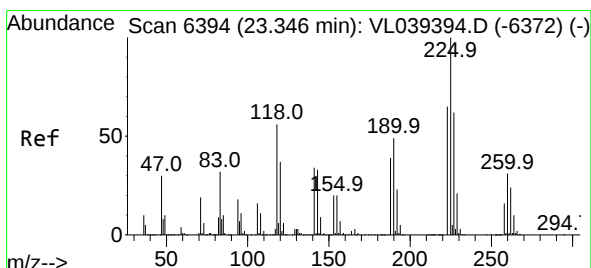
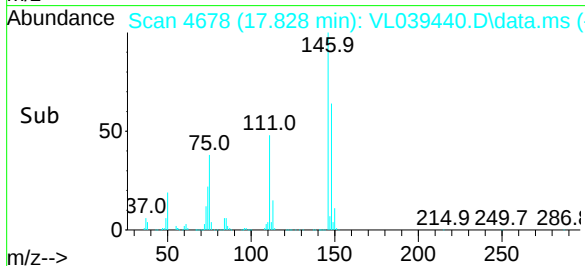
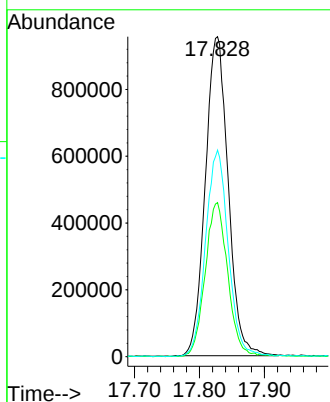
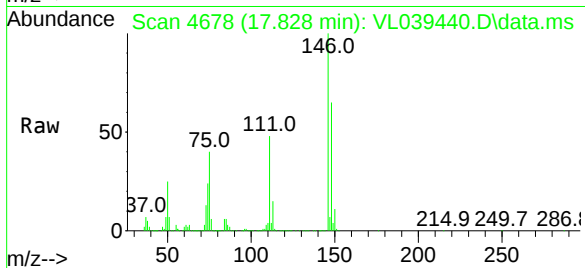
148 64.1 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.177 ppbv

RT: 23.381 min Scan# 6405

Delta R.T. 0.035 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

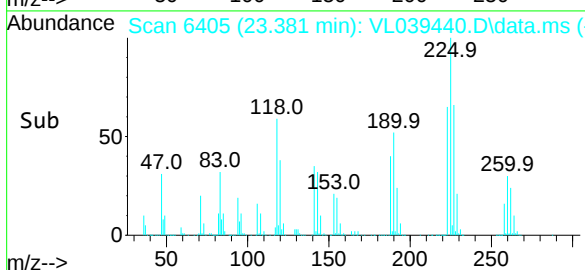
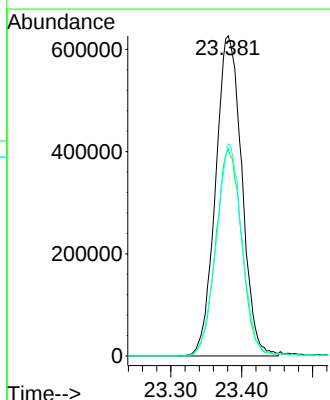
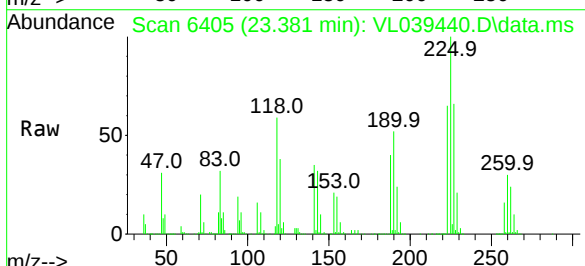
Tgt Ion:225 Resp: 1612349

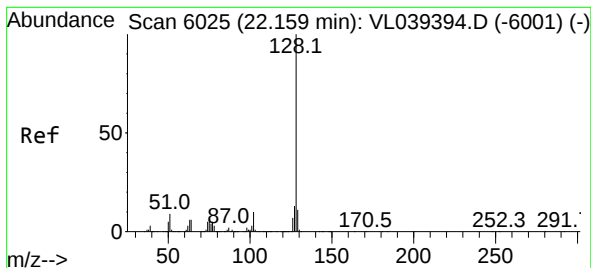
Ion Ratio Lower Upper

225 100

223 64.2 51.8 77.6

227 65.2 51.4 77.2





#79

Naphthalene

Concen: 10.981 ppbv

RT: 22.204 min Scan# 6025

Delta R.T. 0.045 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 3133579

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

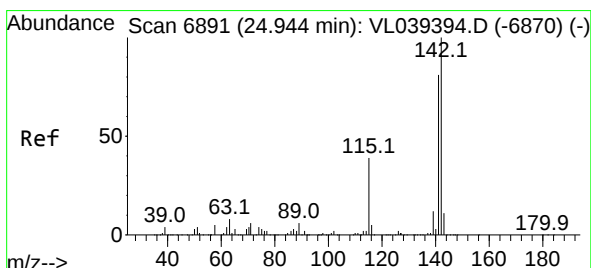
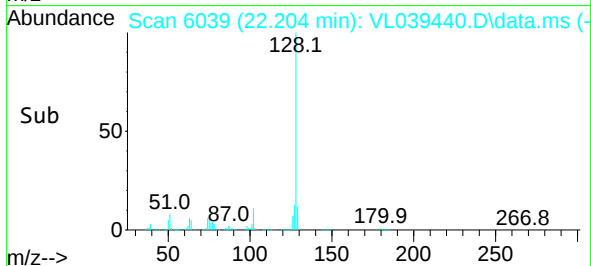
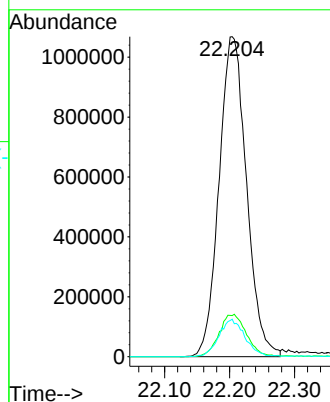
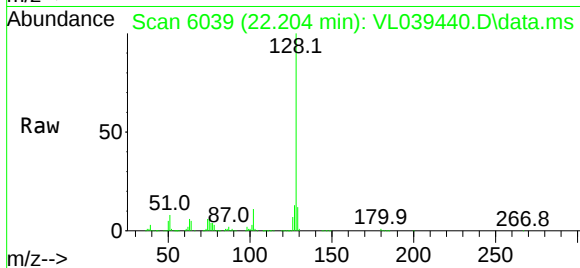
129 11.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#80

Naphthalene,2-methyl-

Concen: 10.897 ppbv

RT: 24.975 min Scan# 6901

Delta R.T. 0.032 min

Lab File: VL039440.D

Acq: 6 Jul 2022 9:53

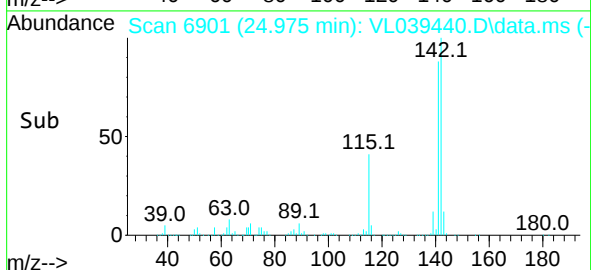
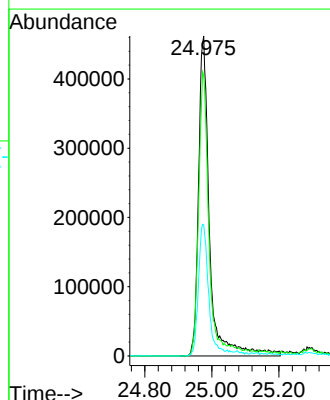
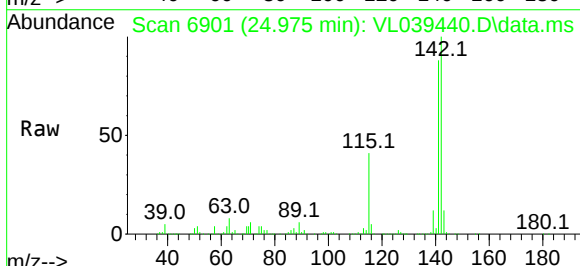
Tgt Ion:142 Resp: 1058398

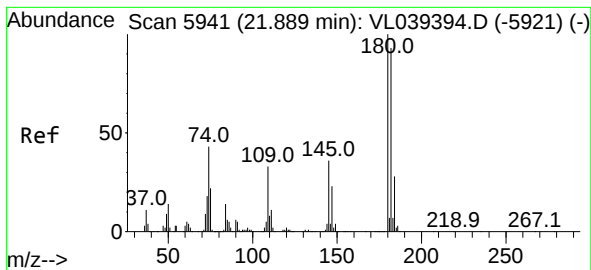
Ion Ratio Lower Upper

142 100

141 84.4 68.9 103.3

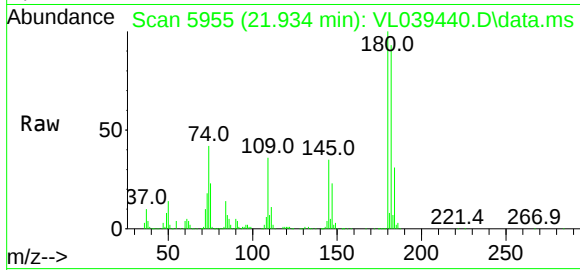
115 38.1 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.716 ppbv
 RT: 21.934 min Scan# 5941
 Delta R.T. 0.045 min
 Lab File: VL039440.D
 Acq: 6 Jul 2022 9:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1805860

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.1	115.7
184	31.1	24.3	36.5

Manual Integrations
 APPROVED

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

