

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039534.D
 Acq On : 26 Jul 2022 7:51
 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 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 08:37:40 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	5.664	49	992115	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.172	114	2732613	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.079	117	2629983m	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.407 95 1985066 10.174 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	924554	6.461	ppbv	98
3) Chlorodifluoromethane	2.989	51	1250860	9.938	ppbv	99
4) Chloromethane	3.140	50	717460	10.422	ppbv	99
5) Vinyl Chloride	3.259	62	651744	9.601	ppbv	99
6) Bromomethane	3.475	94	297486	10.413	ppbv	95
7) Chloroethane	3.558	64	247872	10.266	ppbv	98
8) Dichlorotetrafluoroethane	3.189	85	1438364	9.201	ppbv	96
9) Propene	3.012	41	546874	9.621	ppbv	99
10) Heptane	8.118	43	1443865	10.845	ppbv	99
11) Trichlorofluoromethane	3.951	101	1669581	10.470	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.484	101	1221686	10.277	ppbv	100
13) Ethanol	3.603	45	40304m	12.221	ppbv	
14) Bromoethene	3.742	108	517054	10.346	ppbv	100
15) Acetone	3.848	43	1228660	10.468	ppbv	99
16) 1,3-Butadiene	3.330	39	664434	10.910	ppbv	97
17) tert-Butyl alcohol	4.285	59	1129044	11.333	ppbv	99
18) 1,1-Dichloroethene	4.288	96	546667	10.151	ppbv	96
19) Isopropyl Alcohol	3.960	45	665745	10.634	ppbv #	96
20) Methylene Chloride	4.343	84	496998	10.623	ppbv	98
21) Allyl Chloride	4.414	41	851510	10.474	ppbv	100
22) trans-1,2-Dichloroethene	4.883	96	564117	10.821	ppbv	96
23) Vinyl Acetate	5.070	43	833406	10.625	ppbv	99
24) 1,1-Dichloroethane	5.009	63	1152147	10.400	ppbv	99
25) Ethyl Acetate	5.674	43	2643352	10.983	ppbv	99
26) Hexane	5.684	57	1125636	11.603	ppbv	99
27) Carbon Disulfide	4.549	76	1337184	11.419	ppbv	99
28) Methyl tert-Butyl Ether	5.034	73	1028273	9.913	ppbv	99
29) Chloroform	5.751	83	1792525	10.626	ppbv	97
30) Cyclohexane	7.124	84	948898	10.744	ppbv	98
31) cis-1,2-Dichloroethene	5.545	61	1092442	10.613	ppbv	99
32) 1,1,1-Trichloroethane	6.507	97	1794545	10.778	ppbv	100
34) 2-Butanone	5.240	43	1546955	11.246	ppbv	100
35) Carbon Tetrachloride	7.015	117	1907308	11.296	ppbv	98
36) Benzene	6.890	78	2291734	10.836	ppbv	98
37) 1,2-Dichloroethane	6.304	62	1349913	10.814	ppbv	100
38) Trichloroethene	7.828	130	1263722	11.048	ppbv	98
39) 1,2-Dichloropropane	7.607	63	848720	10.742	ppbv	100
40) 1,4-Dioxane	7.828	88	348848	11.080	ppbv #	1
41) Tetrahydrofuran	6.044	42	878859	11.025	ppbv	100
42) Bromodichloromethane	7.787	83	1906722	11.328	ppbv	98
43) Methyl Methacrylate	8.008	69	934925	11.626	ppbv	99
44) 2,2,4-Trimethylpentane	7.864	57	3864002	10.781	ppbv	99
45) t-1,3-Dichloropropene	9.272	75	933482	13.038	ppbv	98

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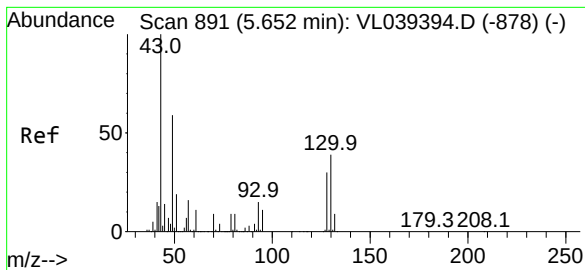
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

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

Response via : Initial Calibration

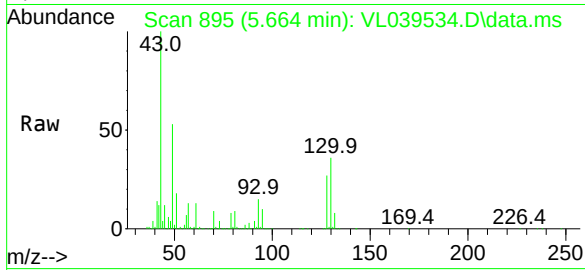
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	1216321	12.342	ppbv	98
47) 1,1,2-Trichloroethane	9.471	97	975255	11.001	ppbv	98
48) Dibromochloromethane	10.298	129	1697090	12.045	ppbv	99
49) Bromoform	13.034	173	1418361	12.478	ppbv	98
50) 4-Methyl-2-Pentanone	8.735	43	2436415	11.714	ppbv	98
51) 2-Hexanone	10.124	43	1901139	12.084	ppbv	99
52) Tetrachloroethene	11.217	164	908643	10.673	ppbv	97
53) Toluene	9.799	91	2795284	11.458	ppbv	99
54) 1,2-Dibromoethane	10.606	107	1285569	11.654	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.121	131	1261279	10.856	ppbv	96
57) Chlorobenzene	12.140	112	2163770	10.612	ppbv	99
58) Ethyl Benzene	12.703	91	3751062	11.046	ppbv	99
59) m/p-Xylene	12.989	91	6471079m	21.614	ppbv	
60) o-Xylene	13.687	91	3101175	10.939	ppbv	100
61) Styrene	13.519	104	1829309	11.912	ppbv	99
62) Isopropylbenzene	14.661	105	4587698	10.626	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.671	83	1481036	9.967	ppbv	100
64) n-propylbenzene	15.552	120	1209841	11.056	ppbv	99
65) tert-Butylbenzene	16.738	119	4212224	10.558	ppbv	99
66) Benzyl Chloride	16.976	91	452713	11.941	ppbv	100
67) sec-Butylbenzene	17.285	105	5805185	10.803	ppbv	100
69) p-Isopropyltoluene	17.645	119	4991567	10.948	ppbv	100
70) n-Butylbenzene	18.539	91	4873434	11.012	ppbv	100
71) 2-Chlorotoluene	15.445	91	3387377	10.963	ppbv	100
72) 4-Ethyltoluene	15.831	105	3759591	11.279	ppbv	100
73) 1,3,5-Trimethylbenzene	15.989	105	3401377	11.111	ppbv	99
74) 1,2,4-Trimethylbenzene	16.754	105	3703199	10.935	ppbv	95
75) 1,3-Dichlorobenzene	16.989	146	2174982	10.766	ppbv	99
76) 1,4-Dichlorobenzene	17.127	146	2133021	10.653	ppbv	99
77) 1,2-Dichlorobenzene	17.805	146	2139542	10.685	ppbv	99
78) Hexachloro-1,3-Butadiene	23.365	225	1502866	9.332	ppbv	99
79) Naphthalene	22.182	128	2889154	12.396	ppbv	98
80) Naphthalene,2-methyl-	24.960	142	1003325	12.648	ppbv	98
81) 1,2,4-Trichlorobenzene	21.915	180	1663006	10.955	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 891
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

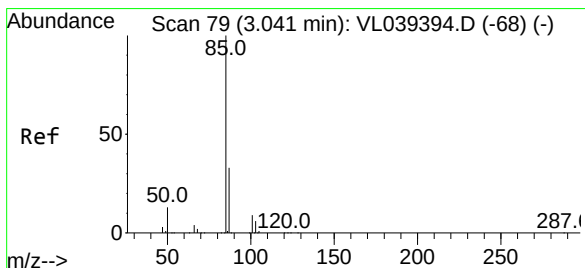
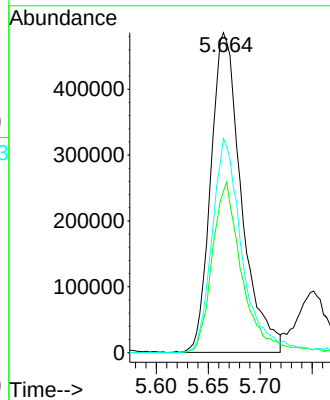
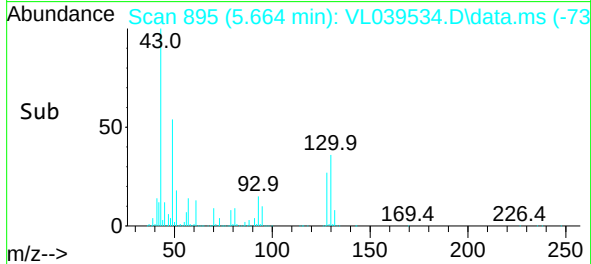
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



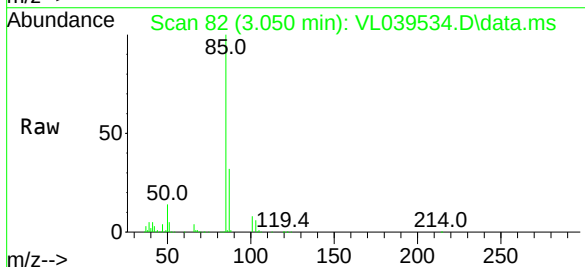
Tgt Ion: 49 Resp: 992115
Ion Ratio Lower Upper
49 100
128 53.1 26.7 80.0
130 67.7 34.3 102.8

Manual Integrations
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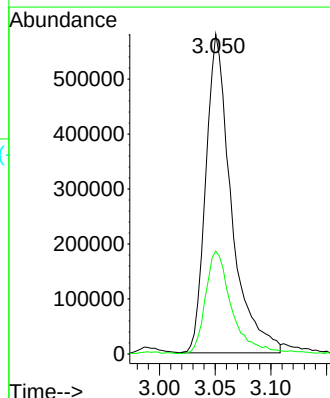
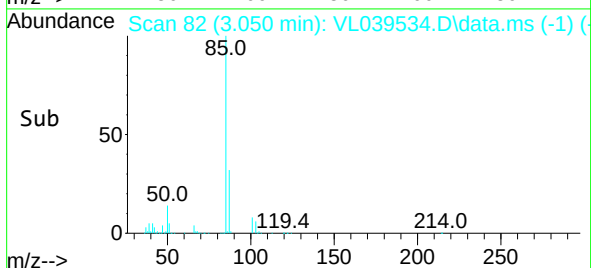
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

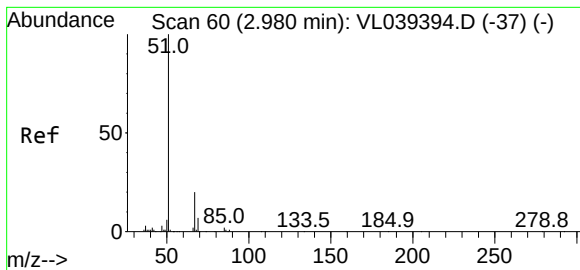


#2
Dichlorodifluoromethane
Concen: 6.461 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



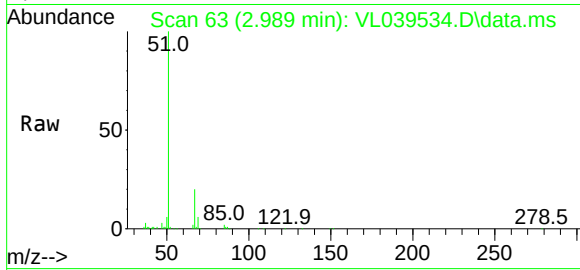
Tgt Ion: 85 Resp: 924554
Ion Ratio Lower Upper
85 100
87 32.1 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.938 ppbv
RT: 2.989 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

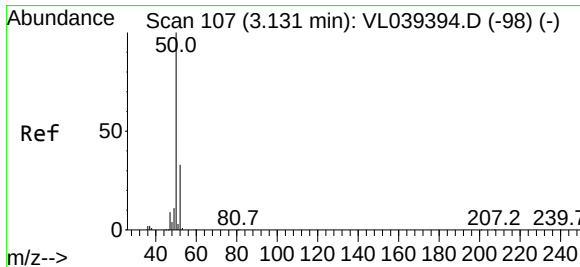
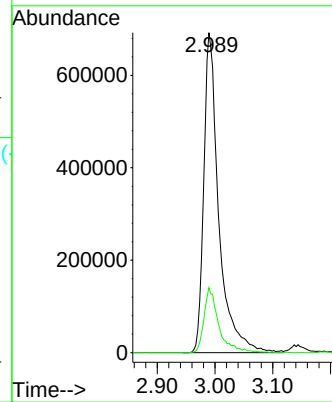
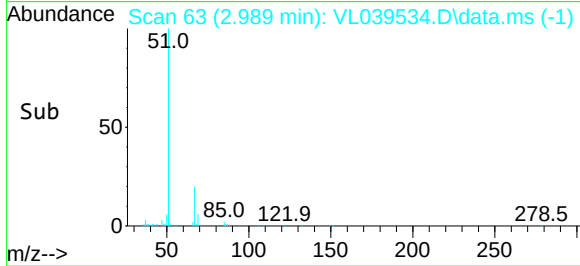
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1250860
Ion Ratio Lower Upper
51 100
67 20.2 15.7 23.5

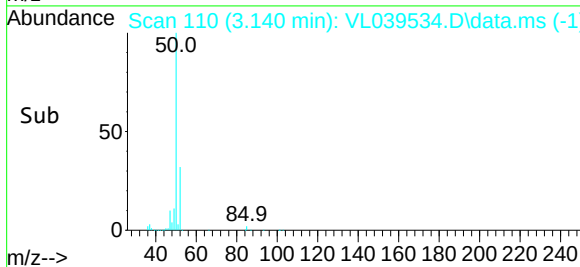
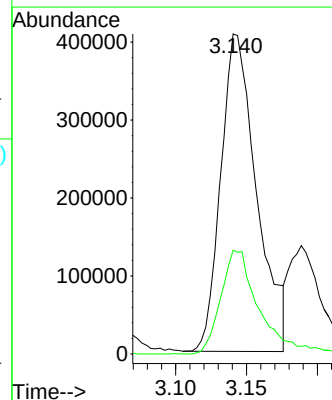
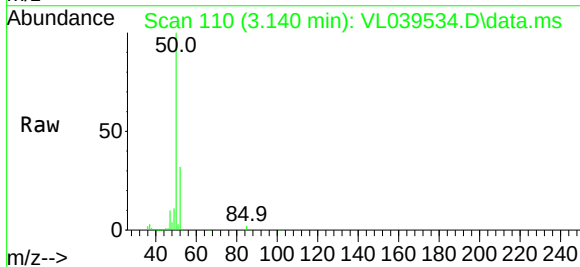
Manual Integrations
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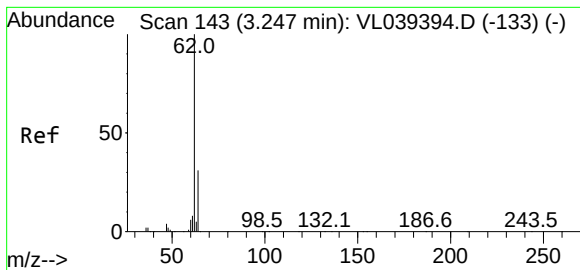
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#4
Chloromethane
Concen: 10.422 ppbv
RT: 3.140 min Scan# 110
Delta R.T. 0.010 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

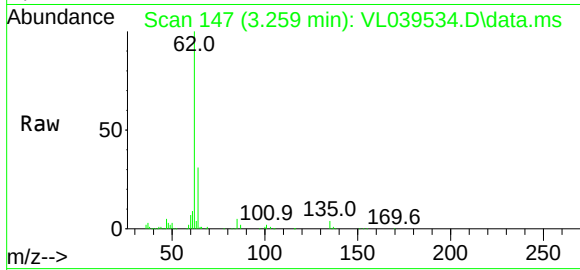
Tgt Ion: 50 Resp: 717460
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.601 ppbv
 RT: 3.259 min Scan# 143
 Delta R.T. 0.013 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

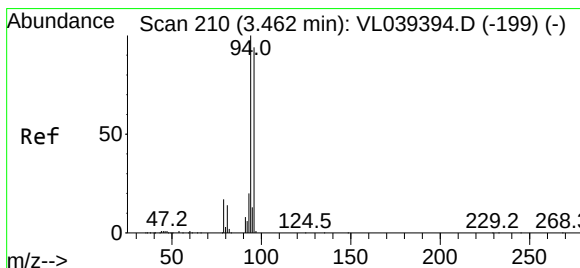
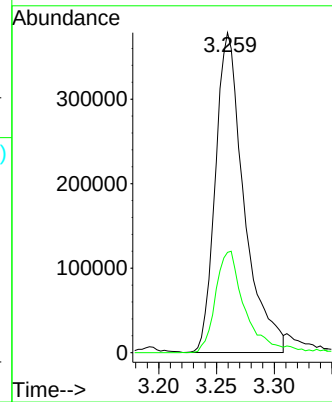
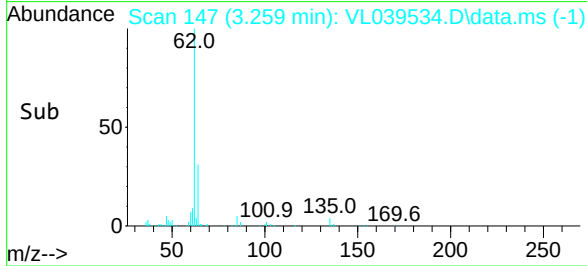
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



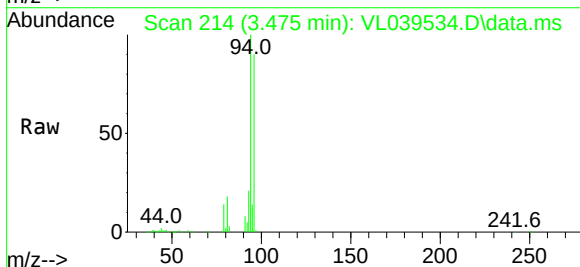
Tgt Ion: 62 Resp: 651744
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.6 36.8

Manual Integrations
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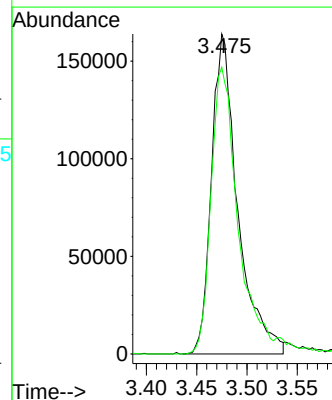
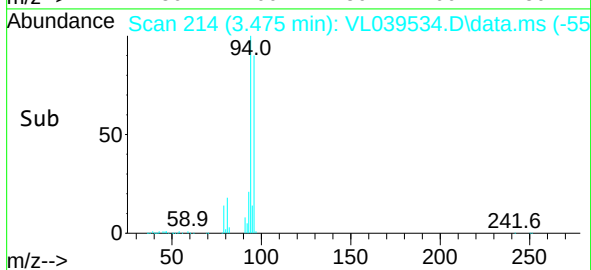
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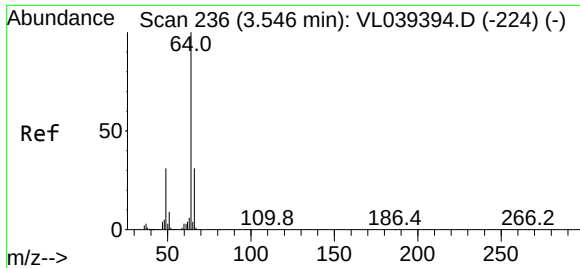


#6
 Bromomethane
 Concen: 10.413 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. 0.013 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51



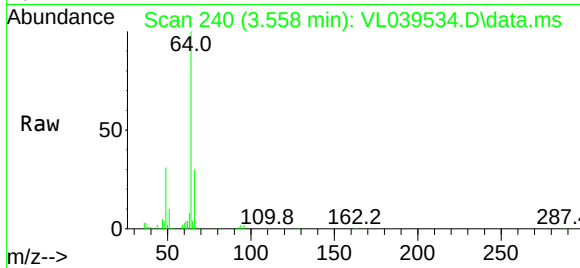
Tgt Ion: 94 Resp: 297486
 Ion Ratio Lower Upper
 94 100
 96 89.6 75.6 113.4





#7
Chloroethane
Concen: 10.266 ppbv
RT: 3.558 min Scan# 24
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

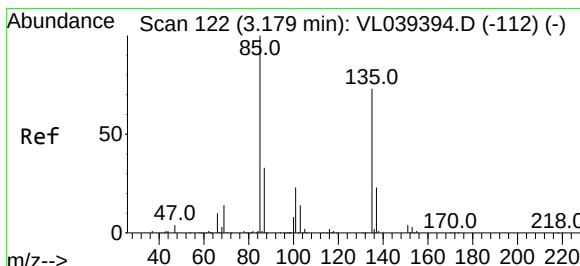
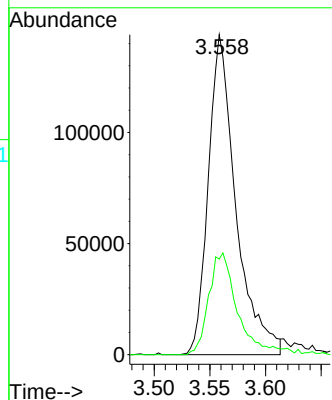
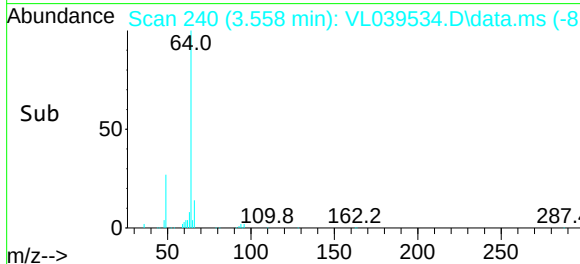
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



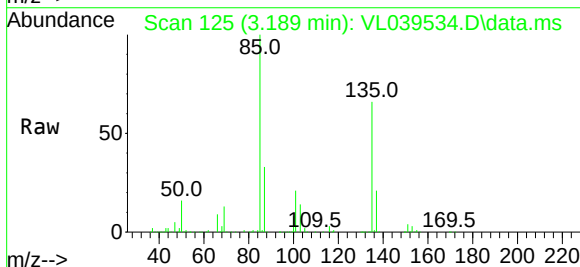
Tgt Ion: 64 Resp: 247872
Ion Ratio Lower Upper
64 100
66 29.9 24.7 37.1

Manual Integrations
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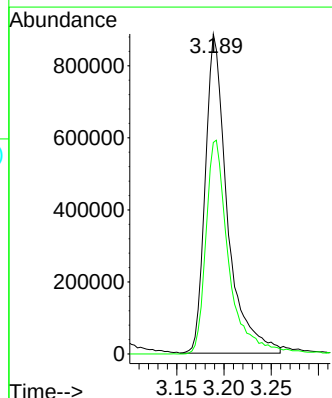
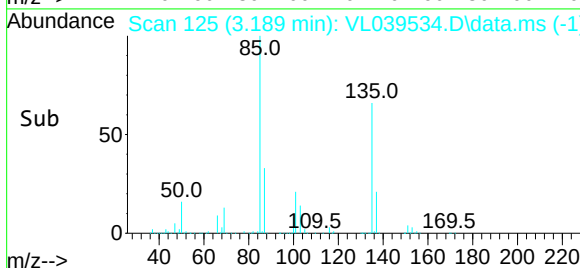
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Supervised By :Mahesh Dadoda 07/26/2022

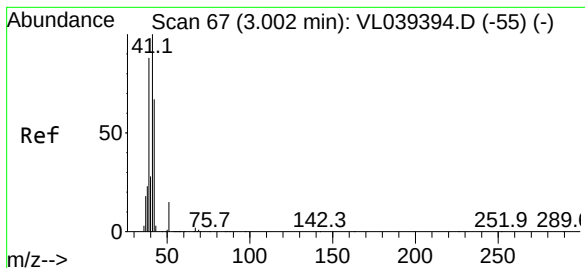


#8
Dichlorotetrafluoroethane
Concen: 9.201 ppbv
RT: 3.189 min Scan# 125
Delta R.T. 0.010 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



Tgt Ion: 85 Resp: 1438364
Ion Ratio Lower Upper
85 100
135 70.3 59.0 88.4





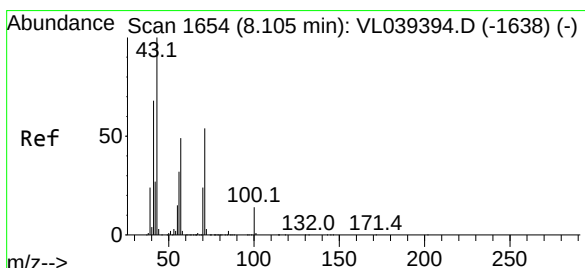
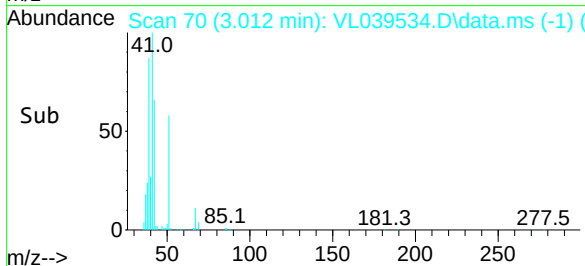
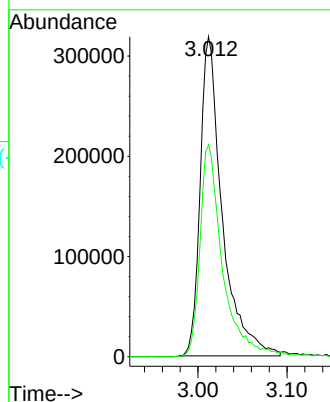
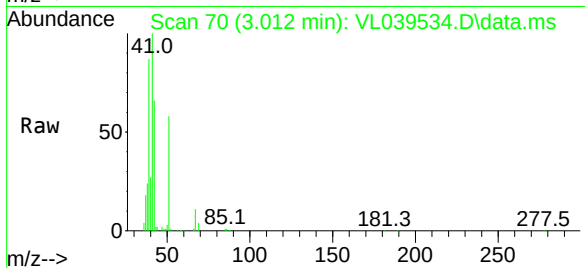
#9
 Propene
 Concen: 9.621 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. 0.010 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 546874
 Ion Ratio Lower Upper
 41 100
 42 68.5 55.2 82.8

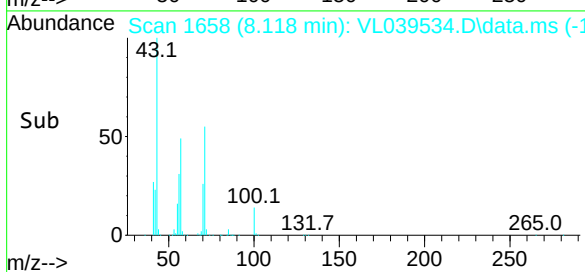
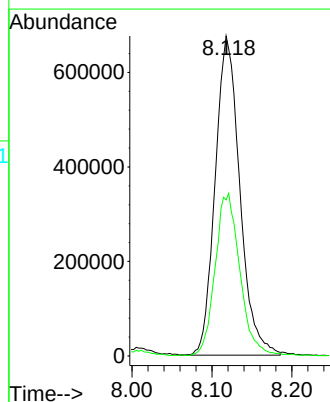
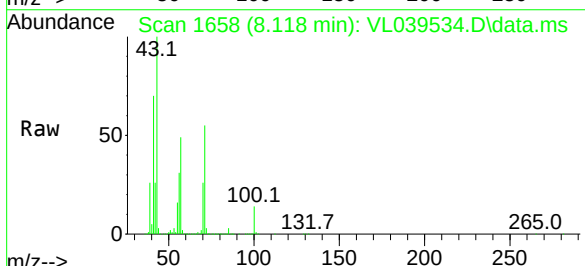
Manual Integrations
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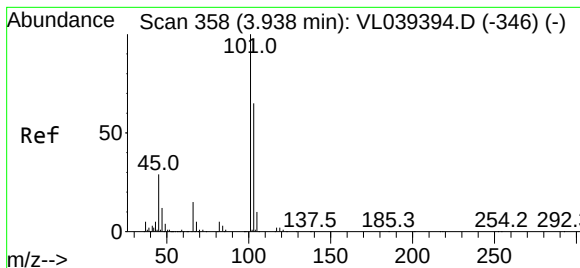
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#10
 Heptane
 Concen: 10.845 ppbv
 RT: 8.118 min Scan# 1658
 Delta R.T. 0.013 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

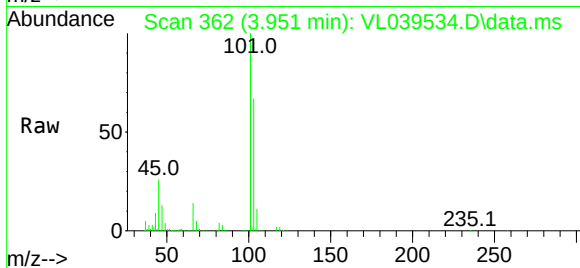
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 Ion Ratio Lower Upper
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 57 51.3 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 10.470 ppbv
 RT: 3.951 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

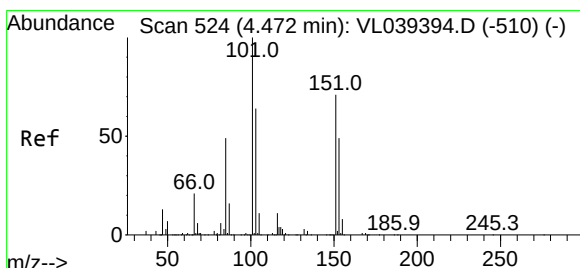
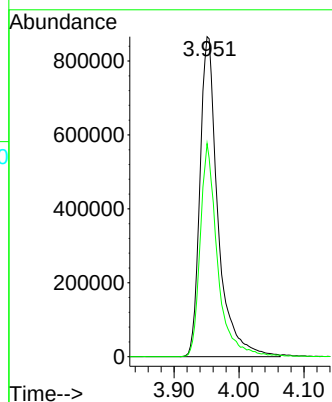
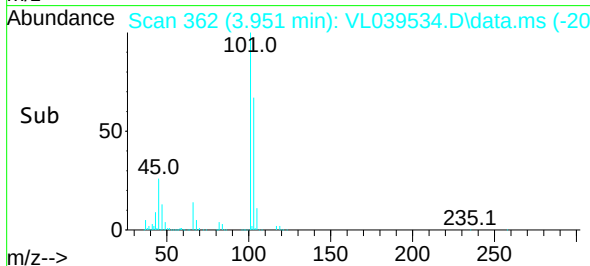
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



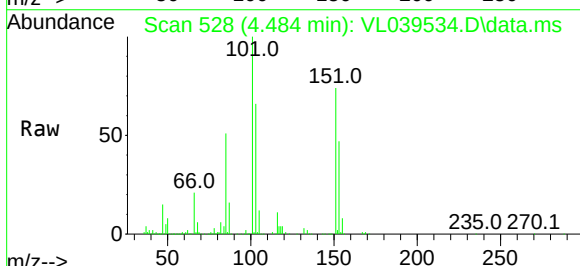
Tgt Ion:101 Resp: 166958
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.8 77.8

Manual Integrations
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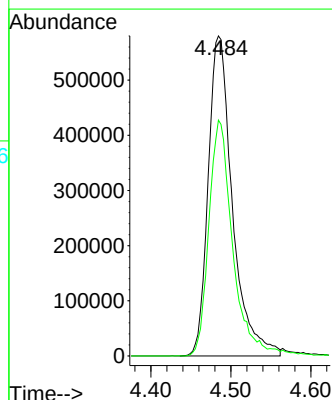
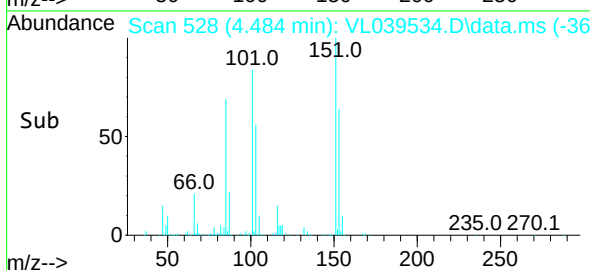
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

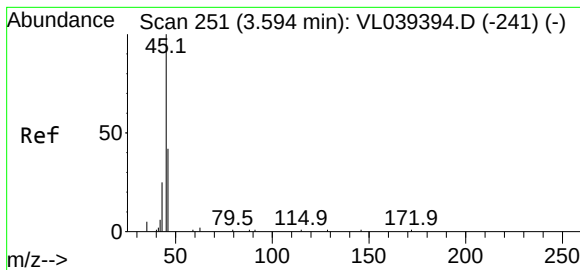


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.277 ppbv
 RT: 4.484 min Scan# 528
 Delta R.T. 0.013 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51



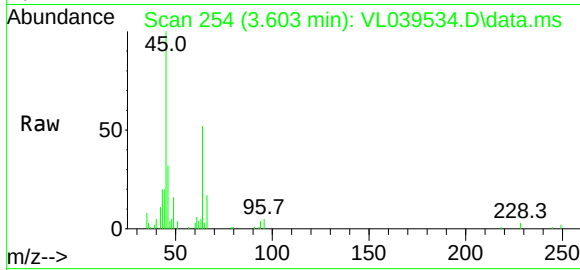
Tgt Ion:101 Resp: 1221686
 Ion Ratio Lower Upper
 101 100
 151 73.3 58.9 88.3





#13
Ethanol
Concen: 12.221 ppbv m
RT: 3.603 min Scan# 210
Delta R.T. 0.010 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

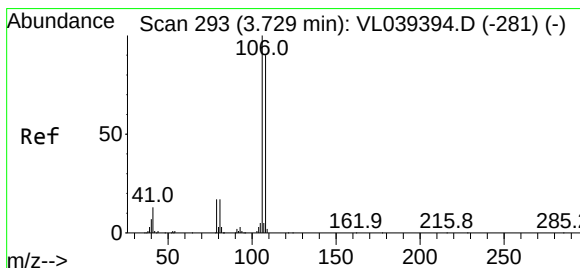
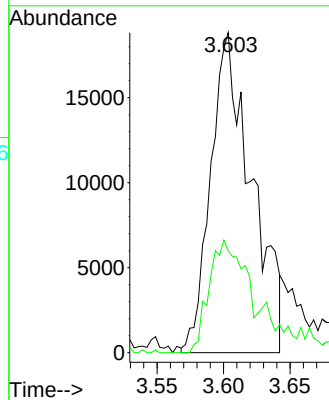
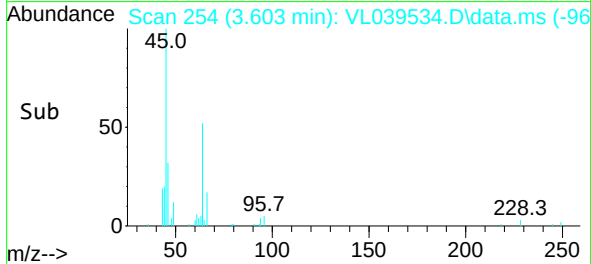
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



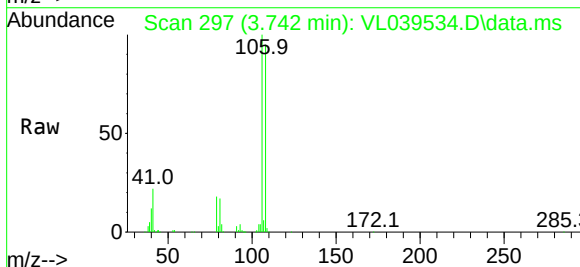
Tgt Ion: 45 Resp: 40304
Ion Ratio Lower Upper
45 100
46 44.6 22.8 91.2

Manual Integrations
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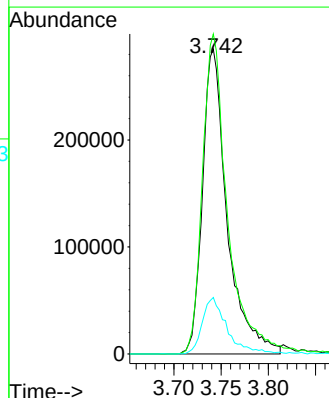
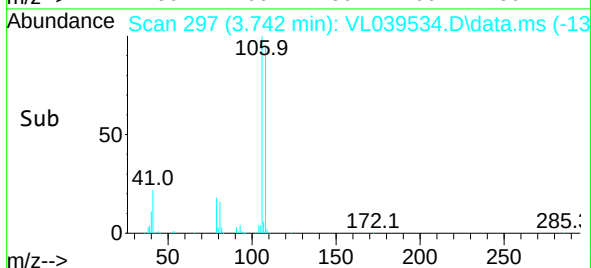
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

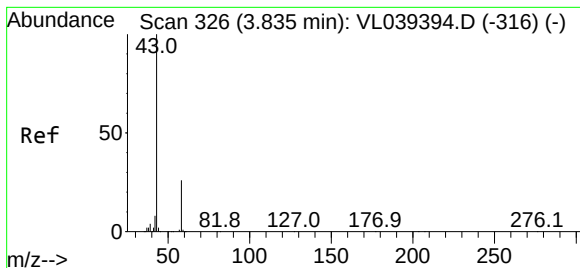


#14
Bromoethene
Concen: 10.346 ppbv
RT: 3.742 min Scan# 297
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



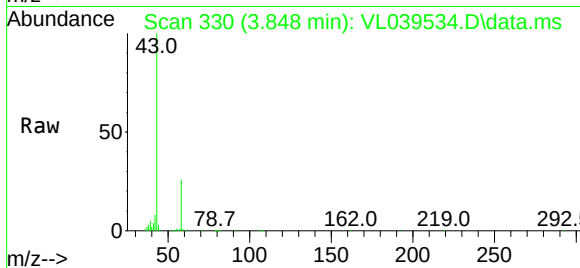
Tgt Ion:108 Resp: 517054
Ion Ratio Lower Upper
108 100
106 108.7 87.1 130.7
79 18.8 14.6 22.0





#15
Acetone
Concen: 10.468 ppbv
RT: 3.848 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

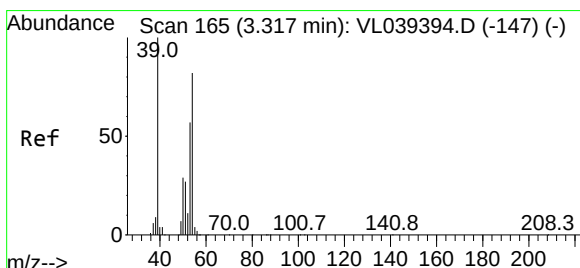
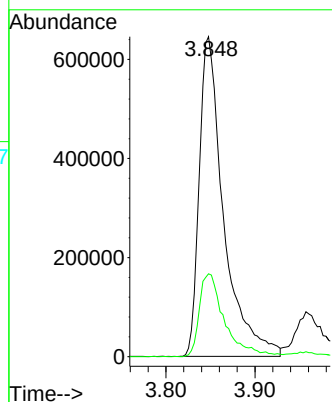
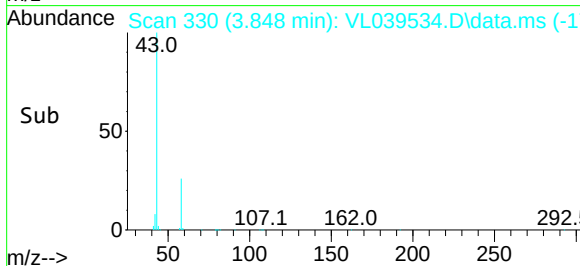
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



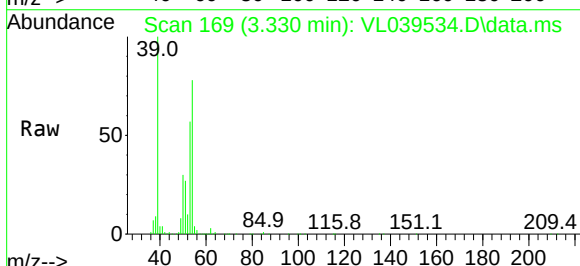
Tgt Ion: 43 Resp: 122866
Ion Ratio Lower Upper
43 100
58 26.9 21.0 31.6

Manual Integrations
APPROVED

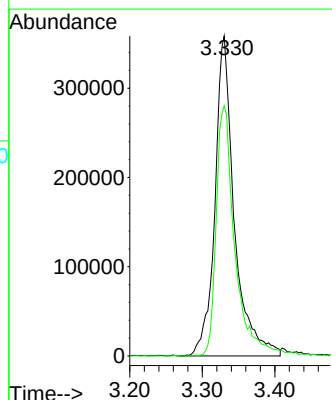
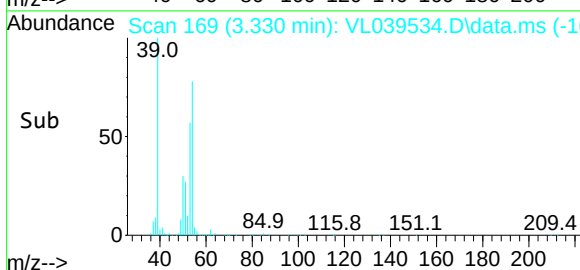
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

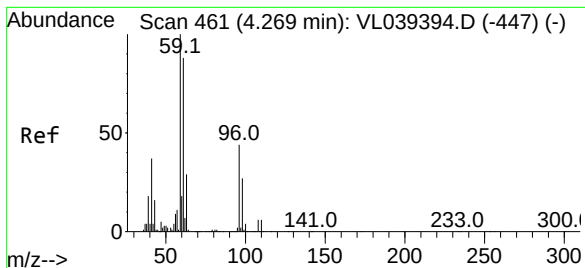


#16
1,3-Butadiene
Concen: 10.910 ppbv
RT: 3.330 min Scan# 169
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



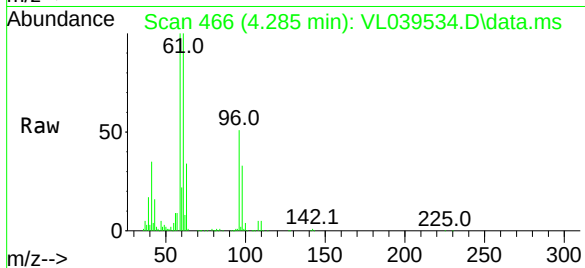
Tgt Ion: 39 Resp: 664434
Ion Ratio Lower Upper
39 100
54 76.6 63.7 95.5





#17
tert-Butyl alcohol
Concen: 11.333 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

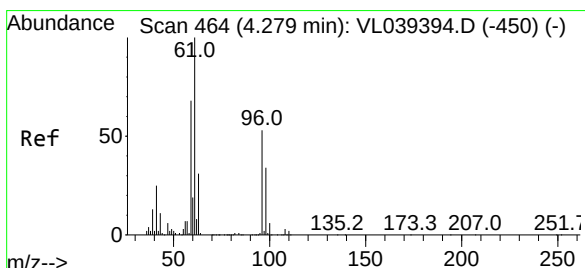
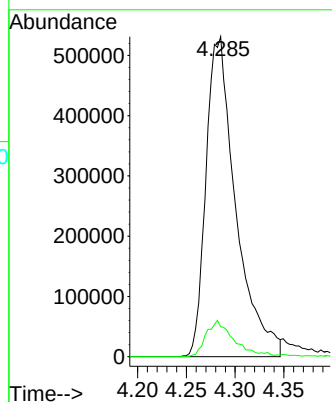
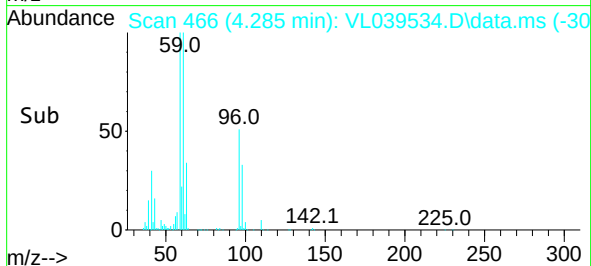
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 112904
Ion Ratio Lower Upper
59 100
57 11.4 8.7 13.1

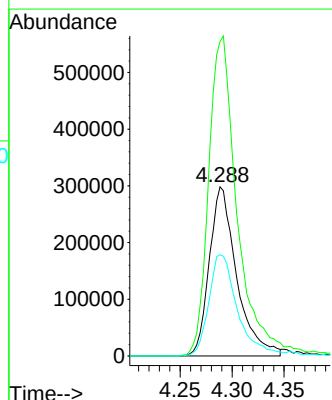
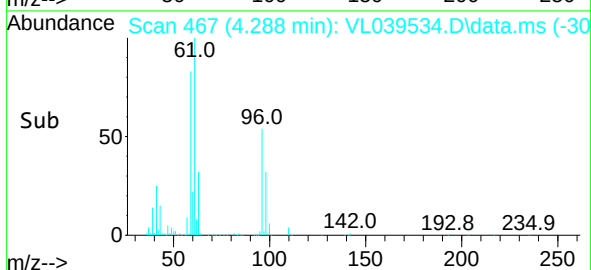
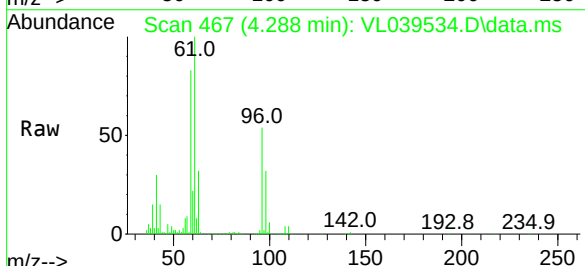
Manual Integrations
APPROVED

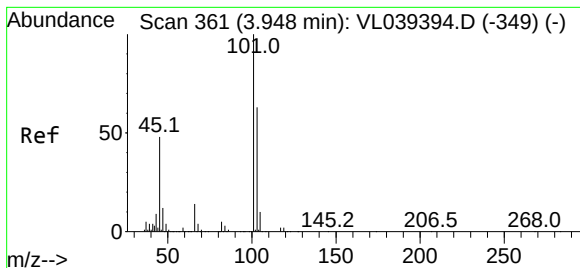
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#18
1,1-Dichloroethene
Concen: 10.151 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.010 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

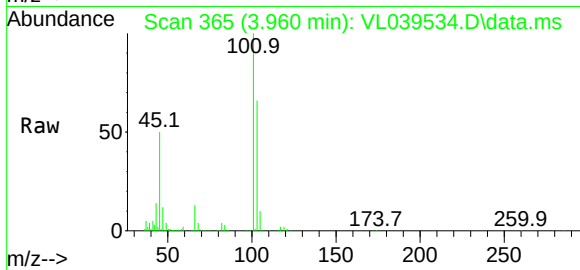
Tgt Ion: 96 Resp: 546667
Ion Ratio Lower Upper
96 100
61 185.8 152.2 228.4
98 59.9 51.8 77.6





#19
Isopropyl Alcohol
Concen: 10.634 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

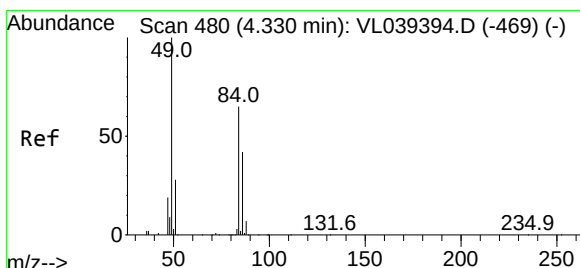
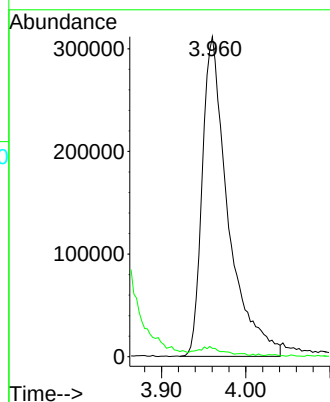
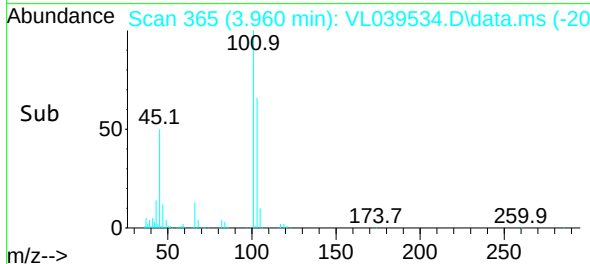
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



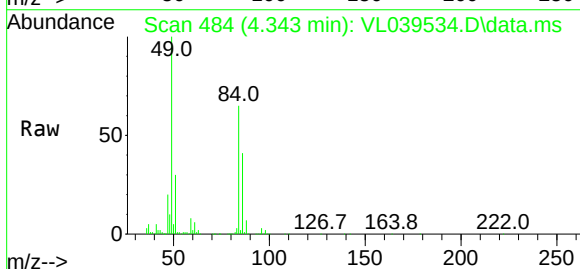
Tgt Ion: 45 Resp: 665749
Ion Ratio Lower Upper
45 100
58 2.7 3.2 4.8

Manual Integrations
APPROVED

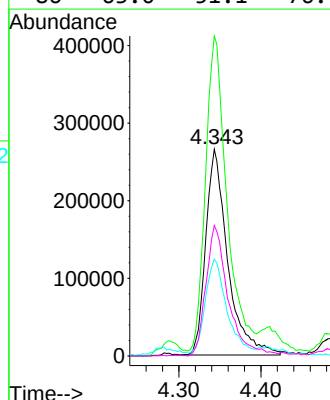
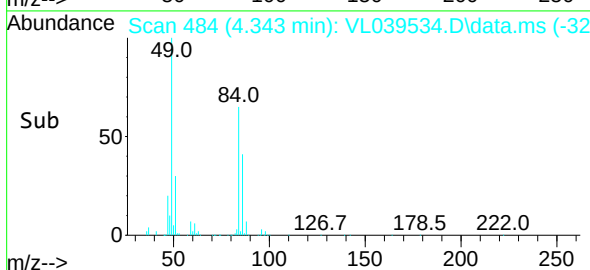
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

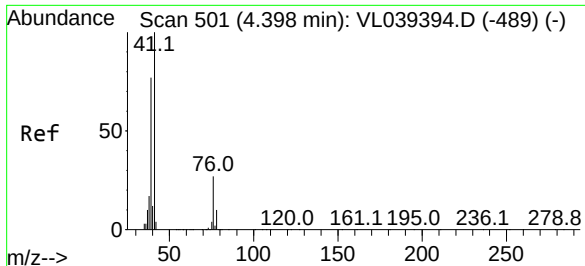


#20
Methylene Chloride
Concen: 10.623 ppbv
RT: 4.343 min Scan# 484
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



Tgt Ion: 84 Resp: 496998
Ion Ratio Lower Upper
84 100
49 151.8 123.1 184.7
51 44.6 34.4 51.6
86 63.0 51.1 76.7





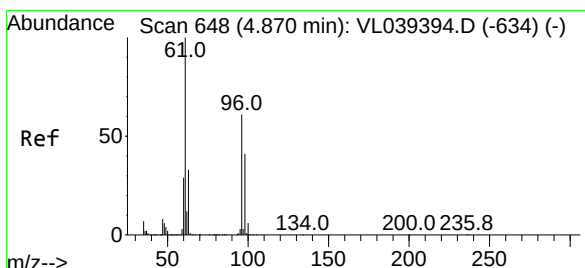
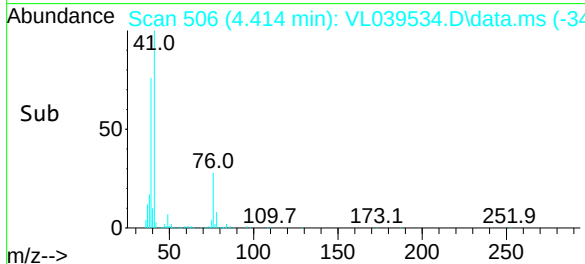
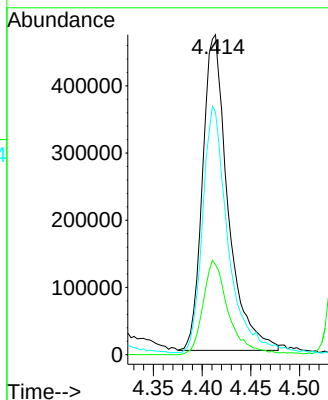
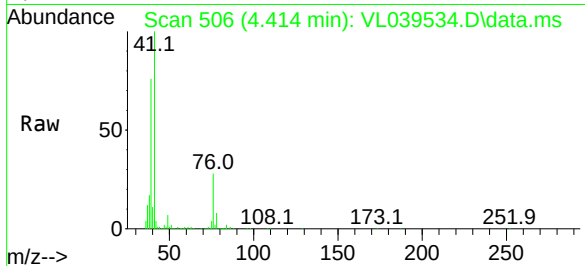
#21
 Allyl Chloride
 Concen: 10.474 ppbv
 RT: 4.414 min Scan# 501
 Delta R.T. 0.016 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 851510
 Ion Ratio Lower Upper
 41 100
 76 30.1 24.4 36.6
 39 79.8 63.5 95.3

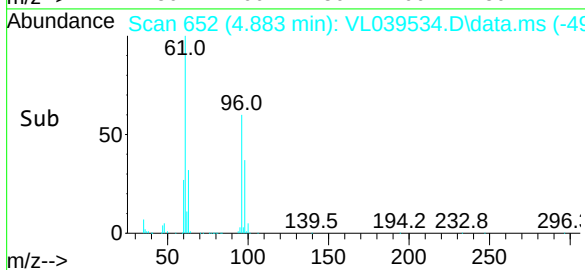
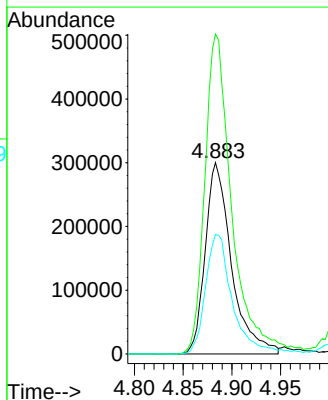
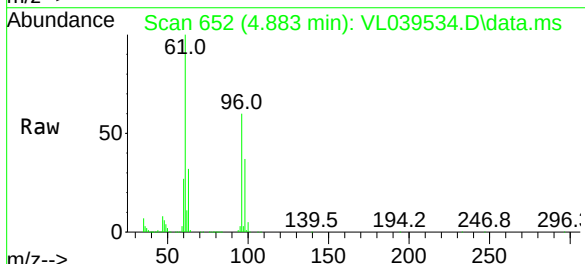
Manual Integrations
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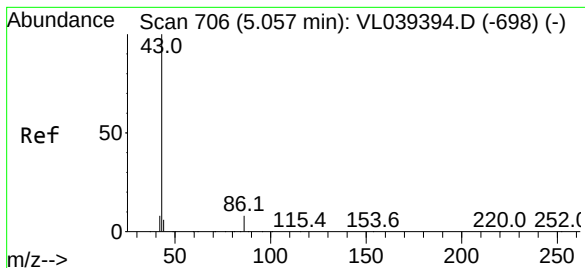
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.821 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. 0.013 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

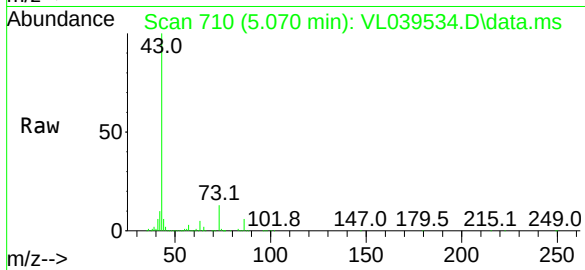
Tgt Ion: 96 Resp: 564117
 Ion Ratio Lower Upper
 96 100
 61 167.2 130.6 195.8
 98 62.4 53.4 80.0





#23
 Vinyl Acetate
 Concen: 10.625 ppbv
 RT: 5.070 min Scan# 710
 Delta R.T. 0.013 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

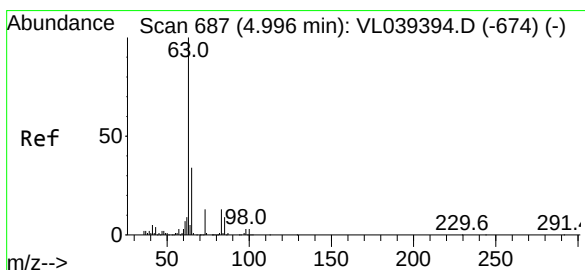
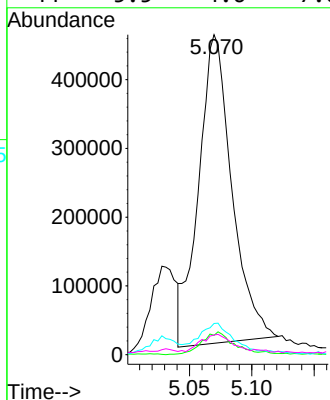
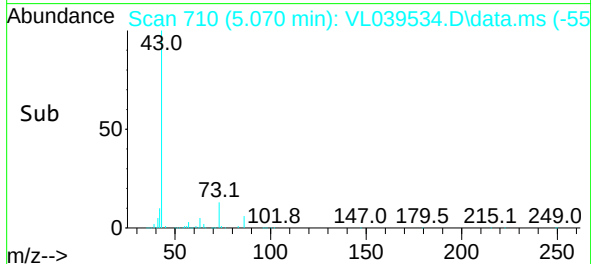
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



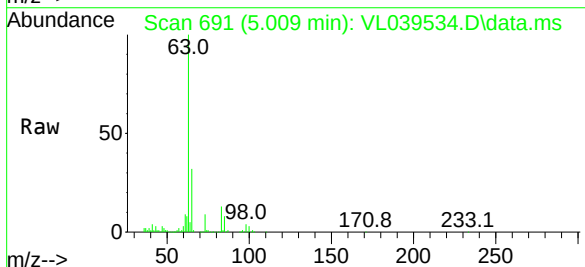
Tgt Ion: 43 Resp: 833400
 Ion Ratio Lower Upper
 43 100
 86 6.1 5.0 7.6
 42 9.2 7.7 11.5
 44 5.5 4.6 7.0

Manual Integrations
 APPROVED

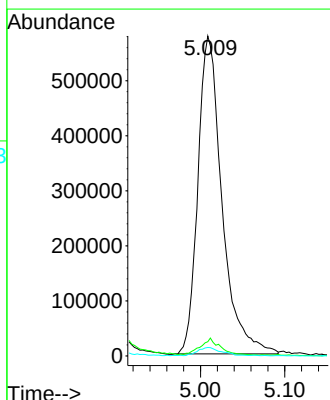
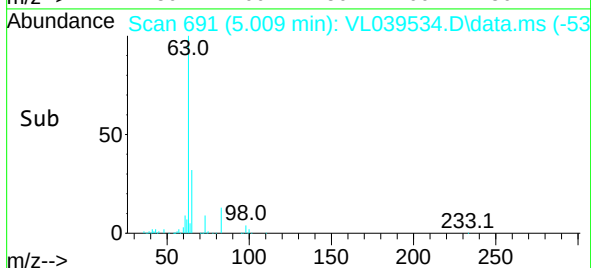
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

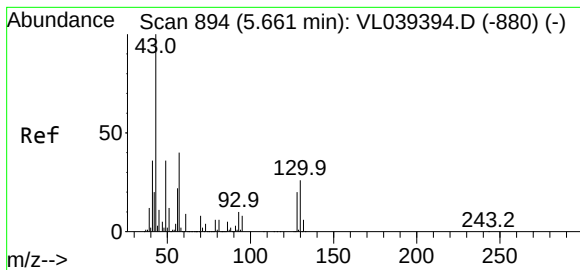


#24
 1,1-Dichloroethane
 Concen: 10.400 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. 0.013 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51



Tgt Ion: 63 Resp: 1152147
 Ion Ratio Lower Upper
 63 100
 98 4.1 1.8 5.3
 100 2.6 1.5 4.4





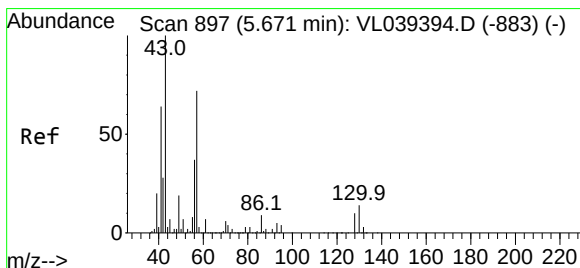
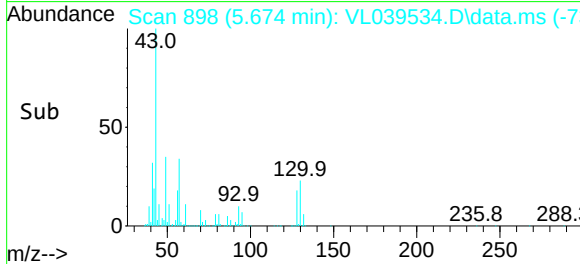
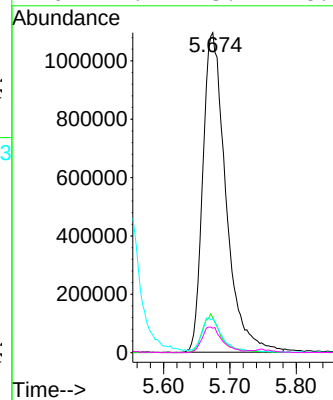
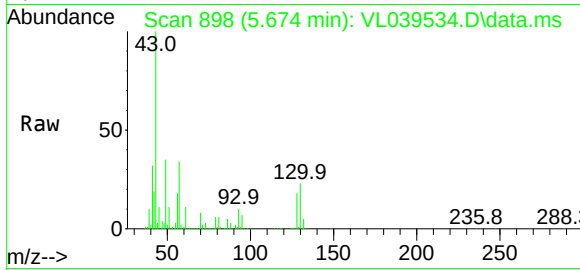
#25
Ethyl Acetate
Concen: 10.983 ppbv
RT: 5.674 min Scan# 894
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2643352
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.4
61 10.0 8.3 12.5
70 7.1 5.9 8.9

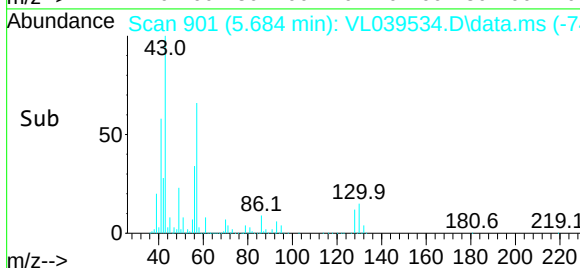
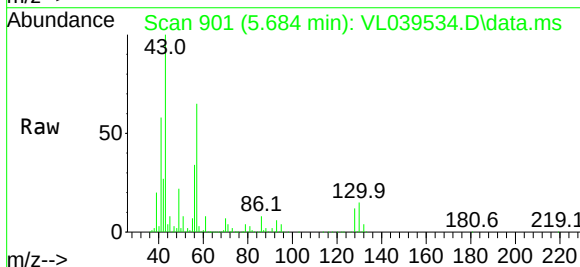
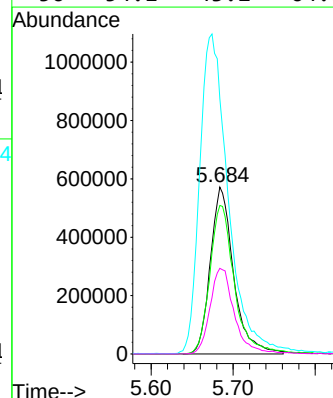
Manual Integrations
APPROVED

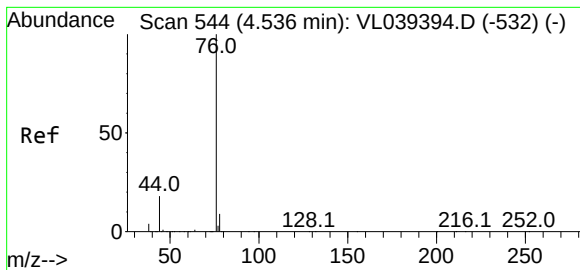
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#26
Hexane
Concen: 11.603 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

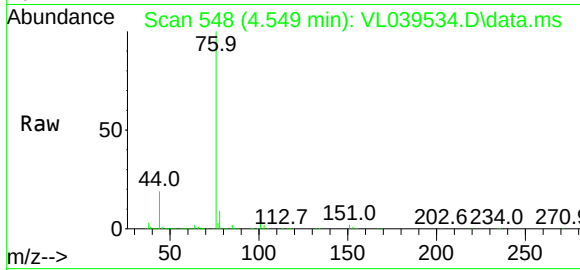
Tgt Ion: 57 Resp: 1125636
Ion Ratio Lower Upper
57 100
41 95.1 76.9 115.3
43 237.4 191.0 286.6
56 54.1 43.2 64.8





#27
Carbon Disulfide
Concen: 11.419 ppbv
RT: 4.549 min Scan# 544
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

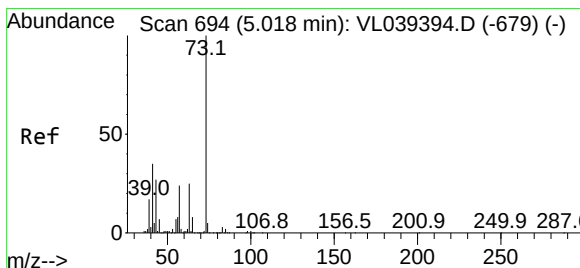
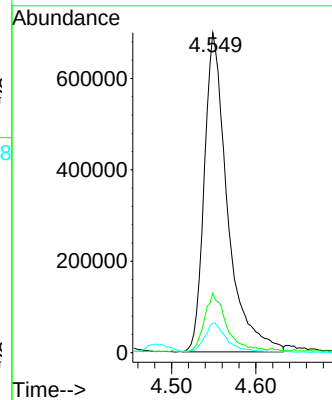
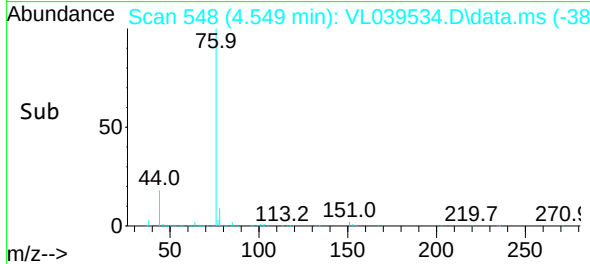
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



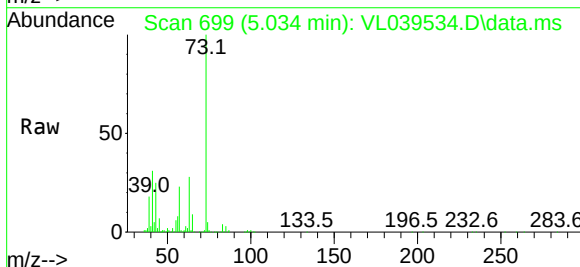
Tgt Ion: 76 Resp: 1337184
Ion Ratio Lower Upper
76 100
44 18.7 14.6 21.8
78 9.8 7.8 11.6

Manual Integrations
APPROVED

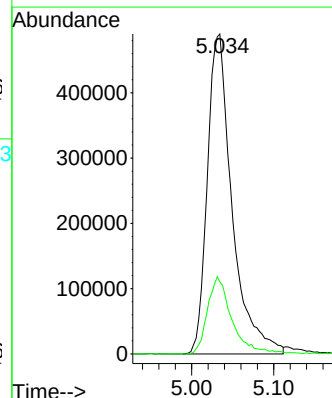
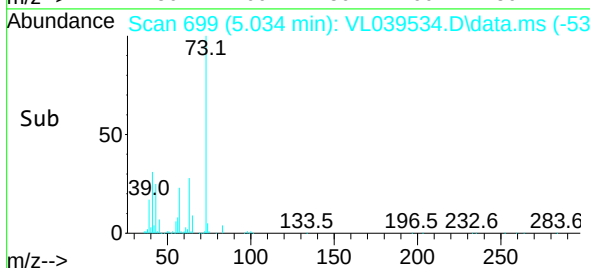
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

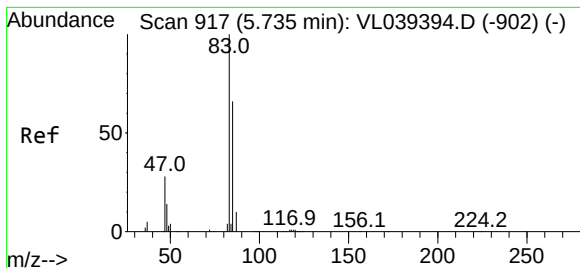


#28
Methyl tert-Butyl Ether
Concen: 9.913 ppbv
RT: 5.034 min Scan# 699
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



Tgt Ion: 73 Resp: 1028273
Ion Ratio Lower Upper
73 100
57 24.1 19.8 29.8





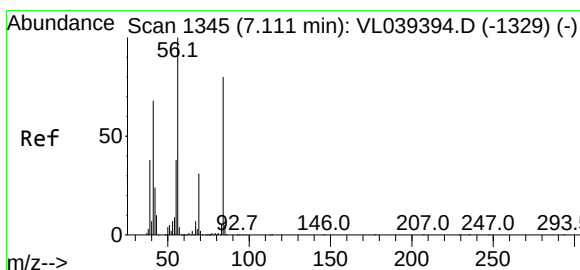
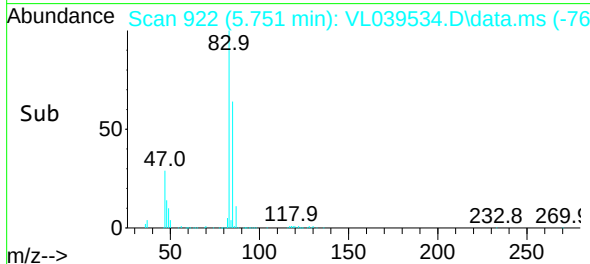
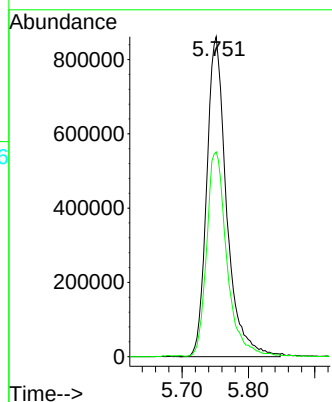
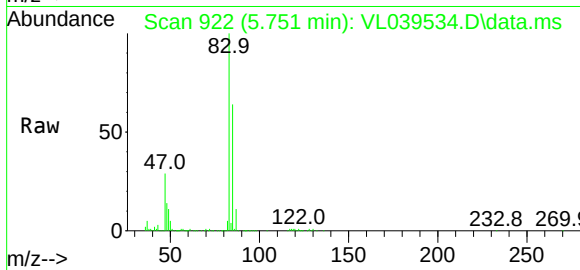
#29
Chloroform
Concen: 10.626 ppbv
RT: 5.751 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 179252
Ion Ratio Lower Upper
83 100
85 63.7 52.8 79.2

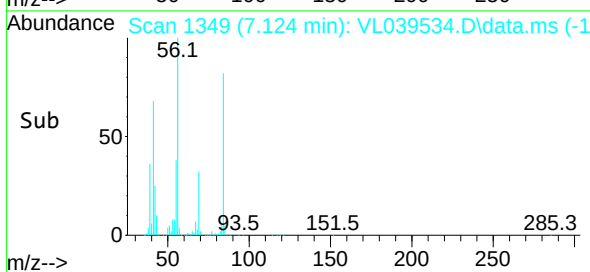
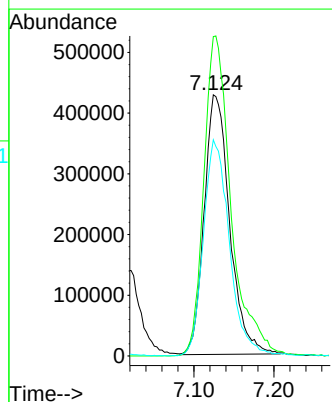
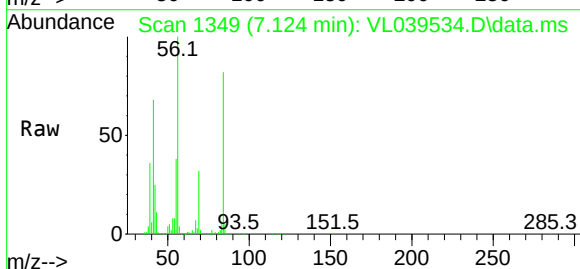
Manual Integrations
APPROVED

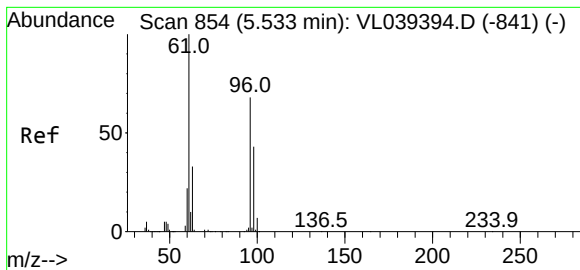
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#30
Cyclohexane
Concen: 10.744 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

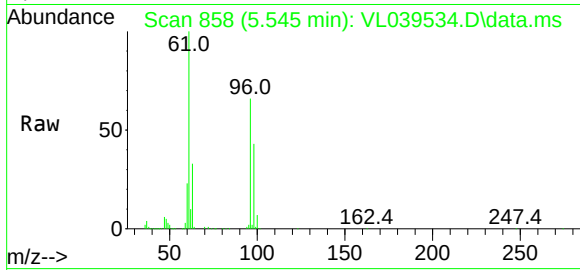
Tgt Ion: 84 Resp: 948898
Ion Ratio Lower Upper
84 100
56 132.6 107.7 161.5
41 85.8 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 10.613 ppbv
RT: 5.545 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

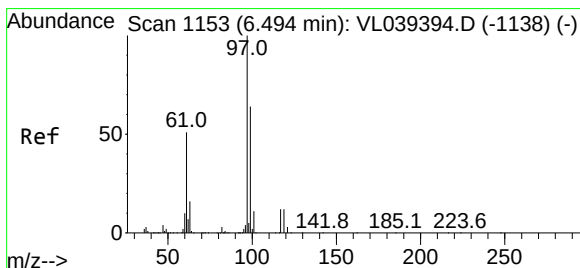
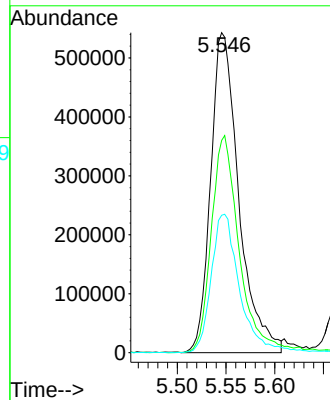
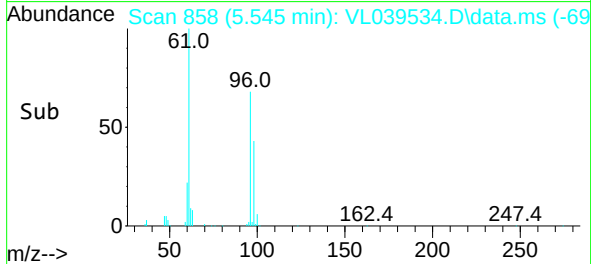
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



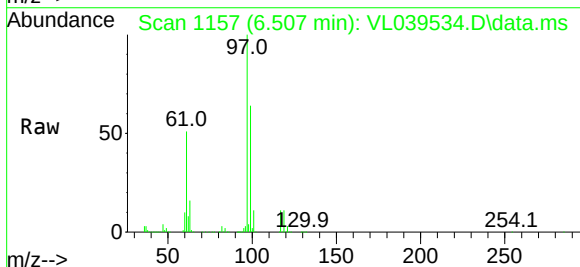
Tgt Ion: 61 Resp: 109244
Ion Ratio Lower Upper
61 100
96 66.2 54.1 81.1
98 42.9 34.6 52.0

Manual Integrations
APPROVED

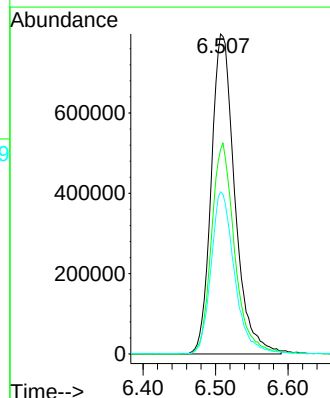
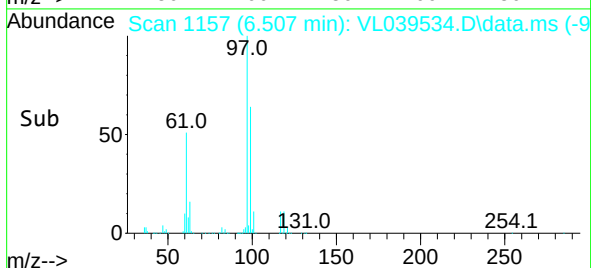
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

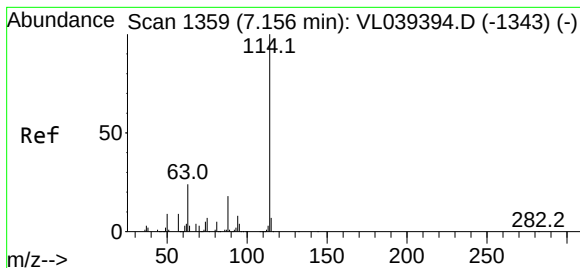


#32
1,1,1-Trichloroethane
Concen: 10.778 ppbv
RT: 6.507 min Scan# 1157
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



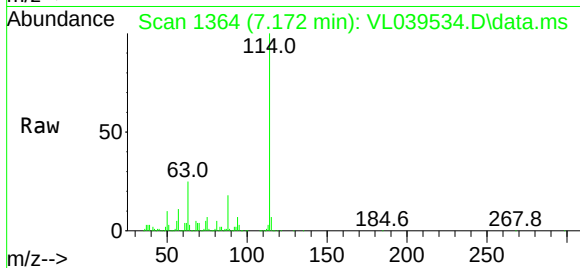
Tgt Ion: 97 Resp: 1794545
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 50.8 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 114
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

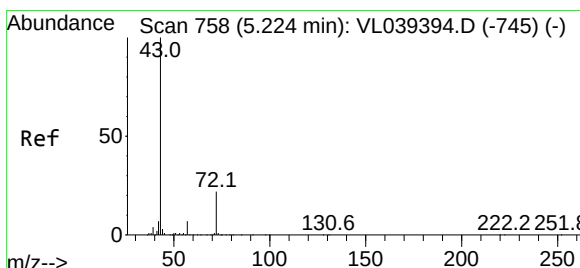
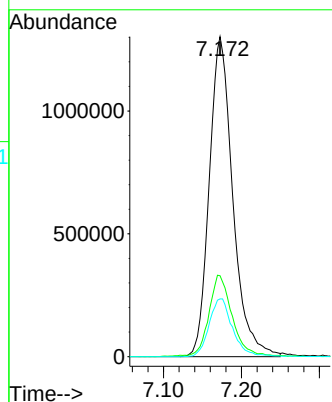
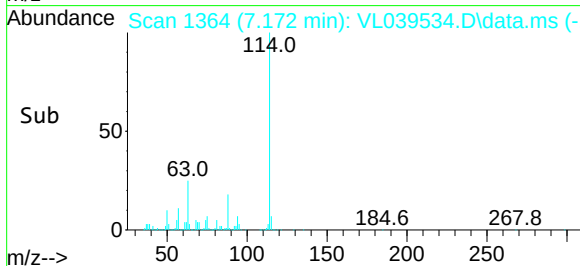
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 2732611
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.4
88 18.3 14.5 21.7

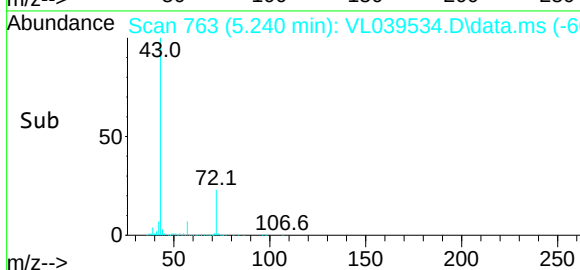
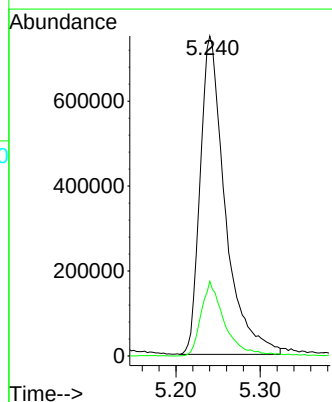
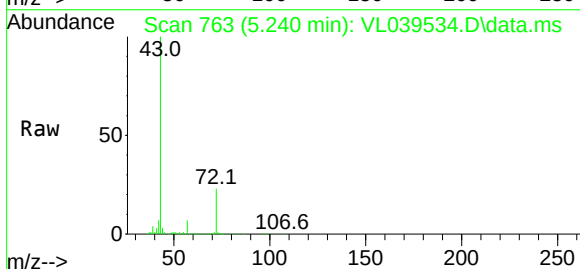
Manual Integrations
APPROVED

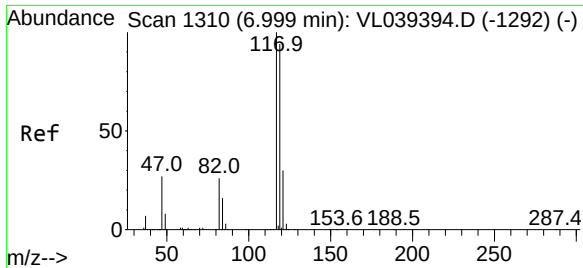
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#34
2-Butanone
Concen: 11.246 ppbv
RT: 5.240 min Scan# 763
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

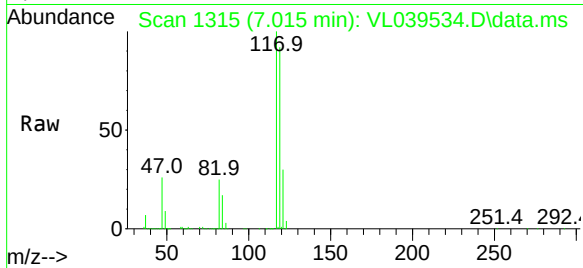
Tgt Ion: 43 Resp: 1546955
Ion Ratio Lower Upper
43 100
72 22.6 17.9 26.9





#35
Carbon Tetrachloride
Concen: 11.296 ppbv
RT: 7.015 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

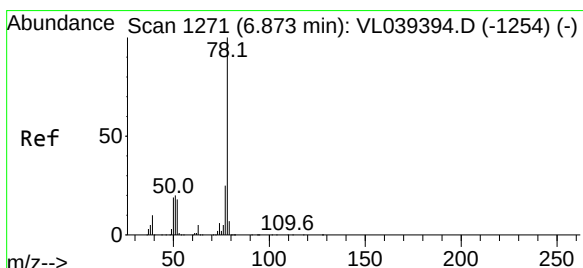
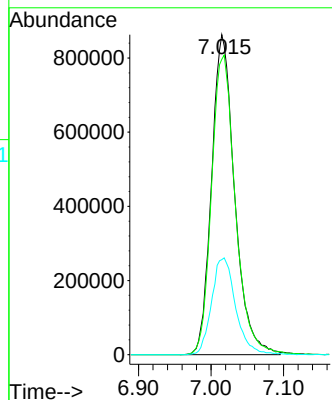
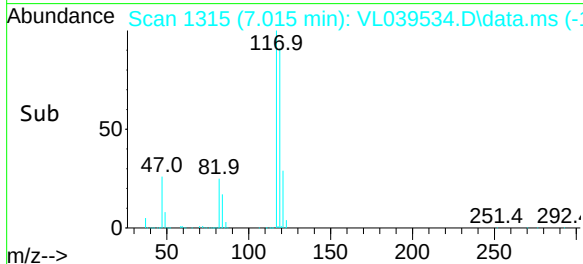
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 1907308
Ion Ratio Lower Upper
117 100
119 92.3 75.4 113.2
121 29.7 24.2 36.2

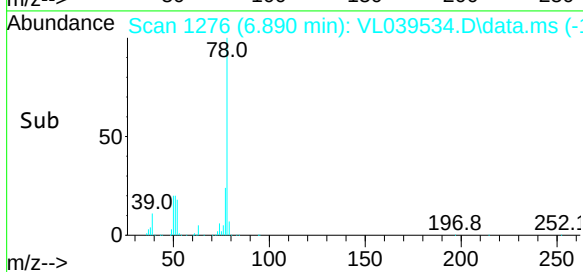
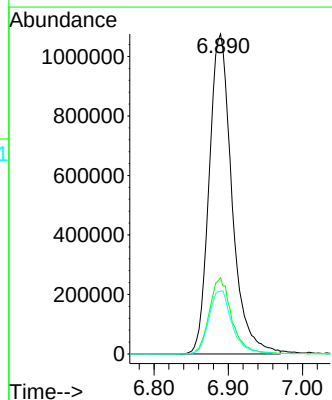
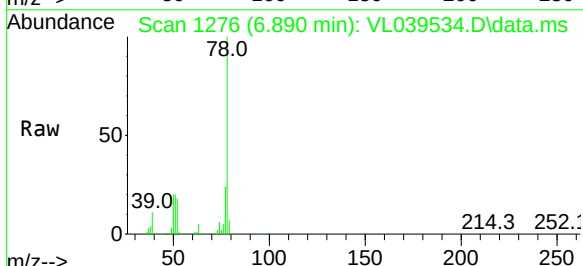
Manual Integrations
APPROVED

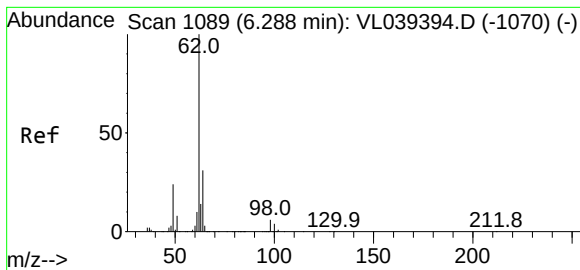
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#36
Benzene
Concen: 10.836 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

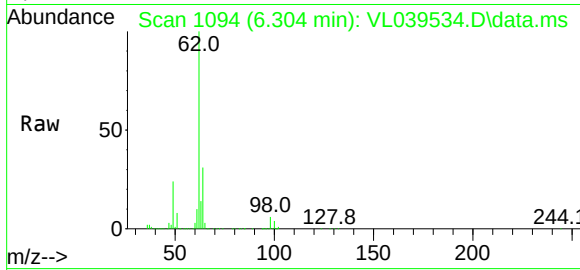
Tgt Ion: 78 Resp: 2291734
Ion Ratio Lower Upper
78 100
77 23.8 20.3 30.5
50 19.6 15.5 23.3





#37
1,2-Dichloroethane
Concen: 10.814 ppbv
RT: 6.304 min Scan# 1089
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

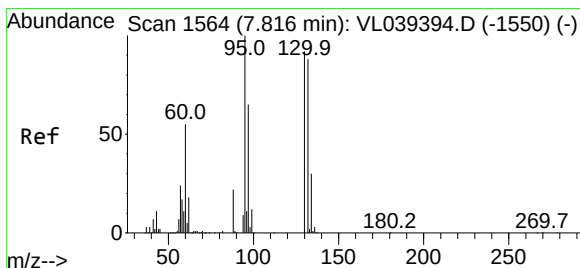
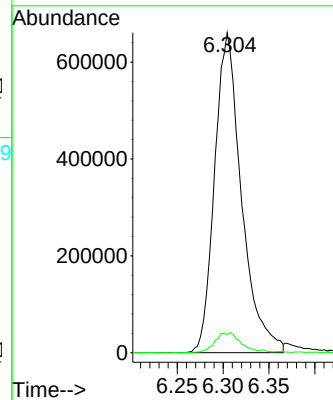
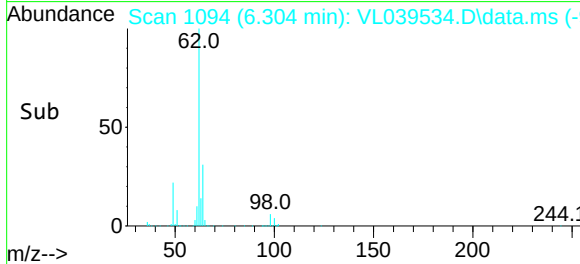
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 134991
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

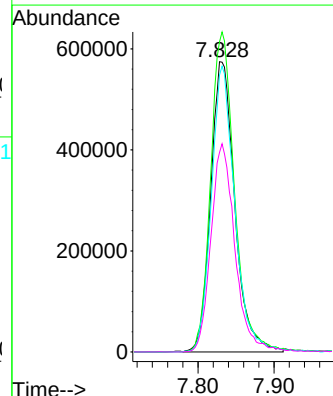
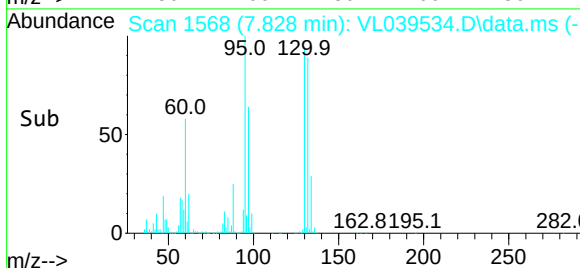
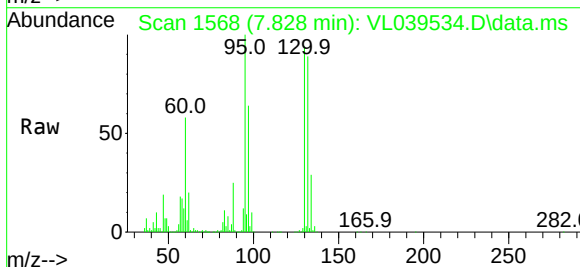
Manual Integrations
APPROVED

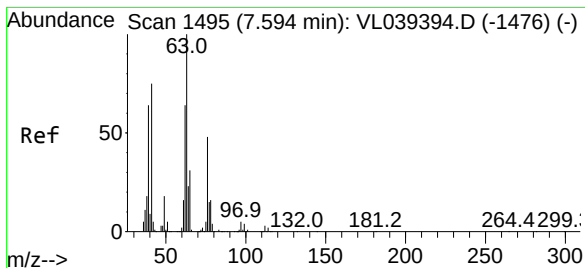
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#38
Trichloroethene
Concen: 11.048 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

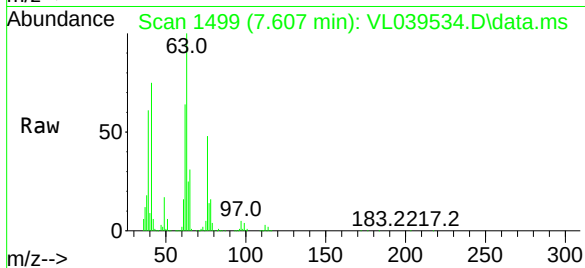
Tgt Ion:130 Resp: 1263722
Ion Ratio Lower Upper
130 100
95 106.8 87.3 130.9
132 95.4 76.7 115.1
97 68.7 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.742 ppbv
RT: 7.607 min Scan# 1495
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

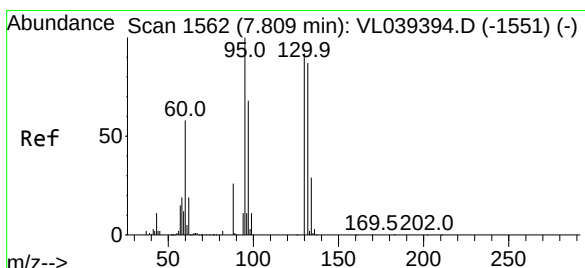
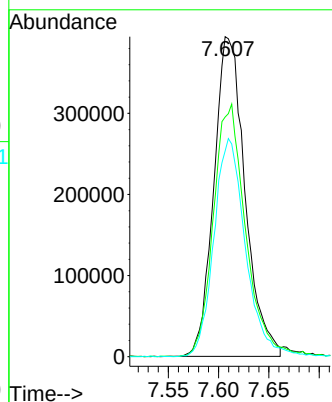
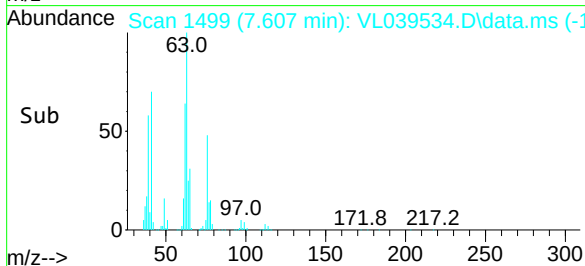
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 848720
Ion Ratio Lower Upper
63 100
41 74.8 59.6 89.4
62 64.2 51.4 77.0

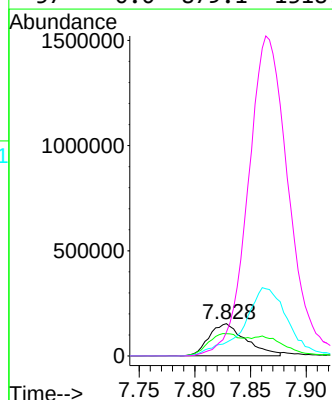
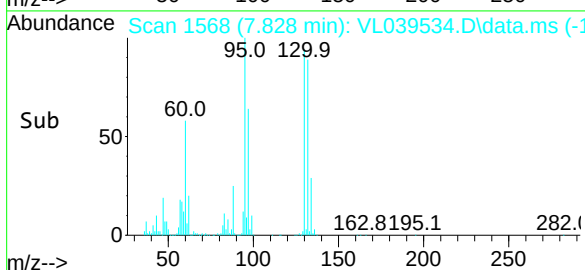
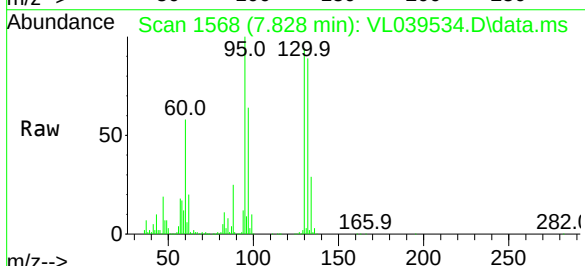
Manual Integrations
APPROVED

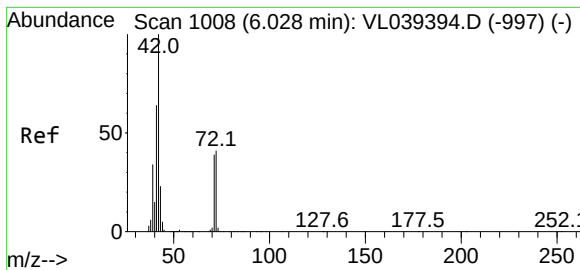
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#40
1,4-Dioxane
Concen: 11.080 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. 0.019 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

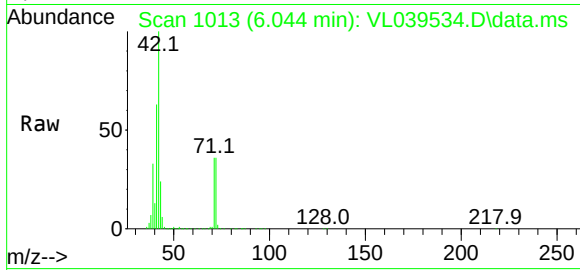
Tgt Ion: 88 Resp: 348848
Ion Ratio Lower Upper
88 100
58 125.8 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 11.025 ppbv
RT: 6.044 min Scan# 1008
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

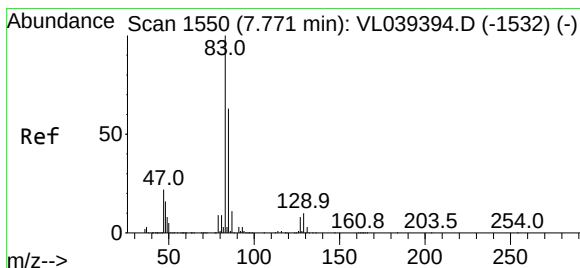
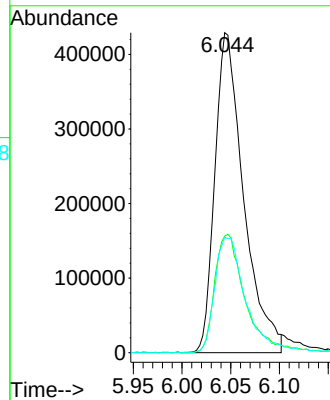
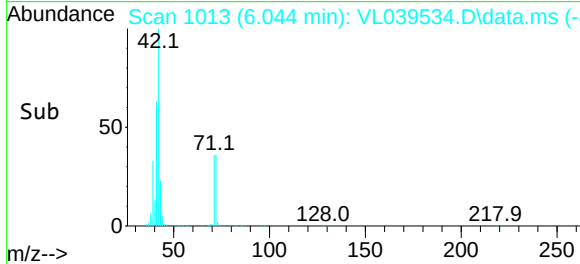
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 878859
Ion Ratio Lower Upper
42 100
72 39.8 31.8 47.8
71 39.6 31.8 47.8

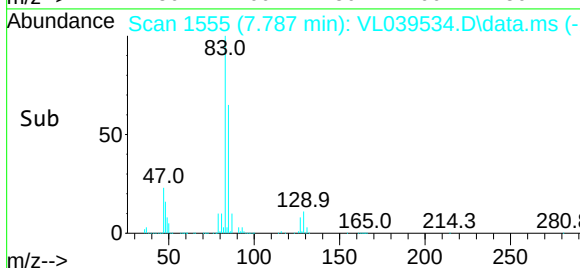
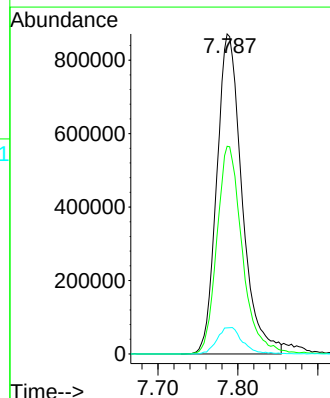
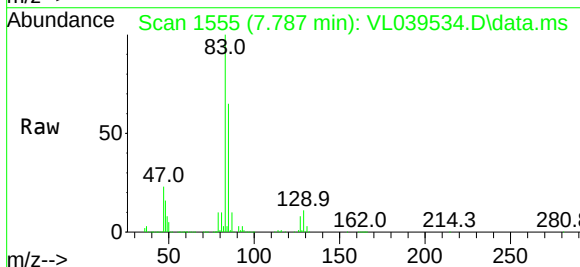
Manual Integrations
APPROVED

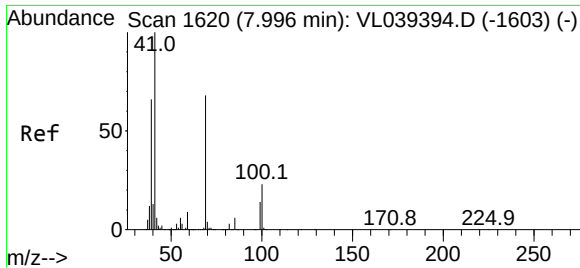
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#42
Bromodichloromethane
Concen: 11.328 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

Tgt Ion: 83 Resp: 1906722
Ion Ratio Lower Upper
83 100
85 64.9 50.7 76.1
127 8.2 6.6 9.8





#43
Methyl Methacrylate
Concen: 11.626 ppbv
RT: 8.008 min Scan# 1620
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

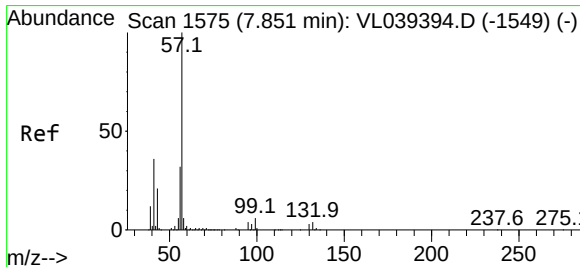
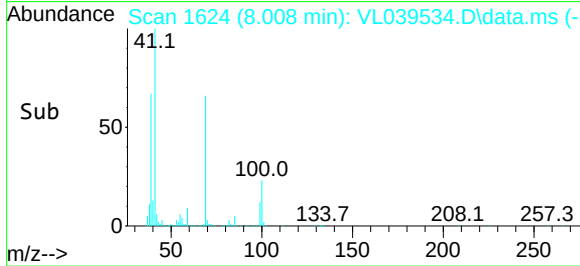
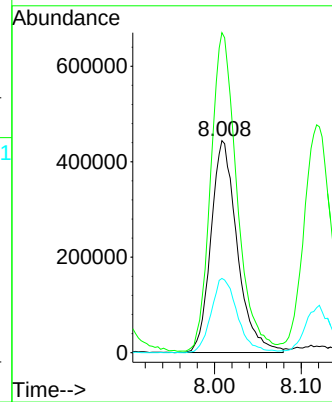
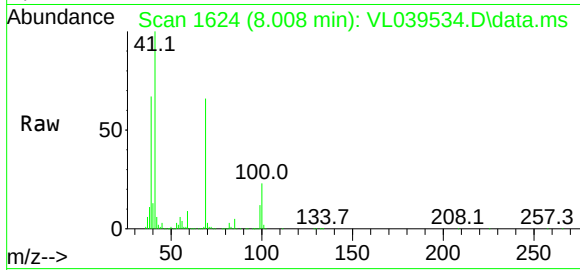
VSTDCCC010EC

Tgt Ion: 69 Resp: 934925
Ion Ratio Lower Upper
69 100
41 151.6 120.8 181.2
100 35.2 27.8 41.6

Manual Integrations

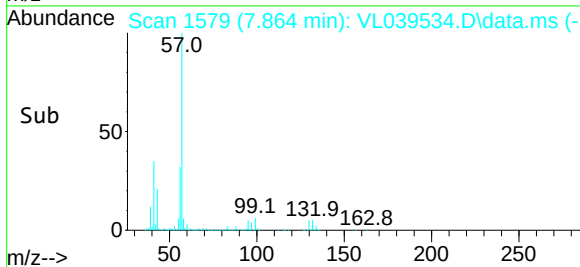
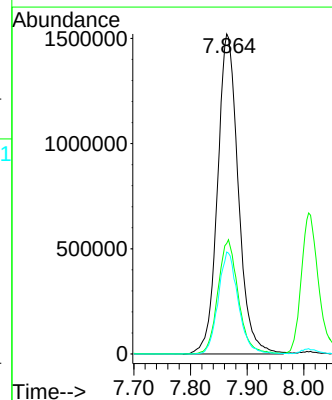
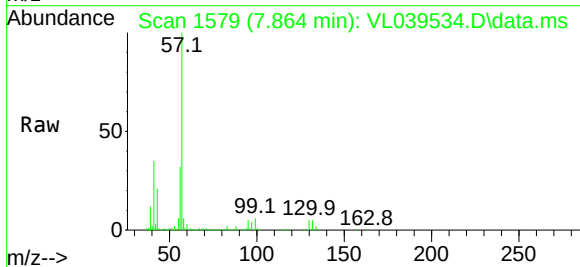
APPROVED

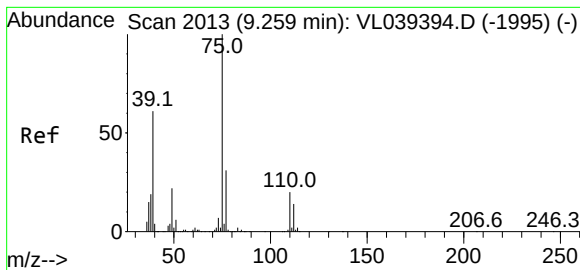
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#44
2,2,4-Trimethylpentane
Concen: 10.781 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

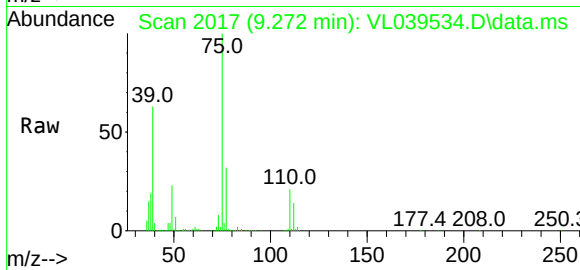
Tgt Ion: 57 Resp: 3864002
Ion Ratio Lower Upper
57 100
41 34.9 27.4 41.2
56 30.8 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 13.038 ppbv
RT: 9.272 min Scan# 2013
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

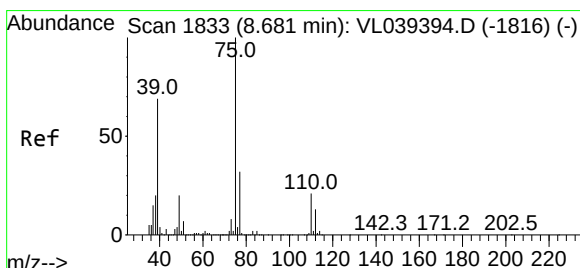
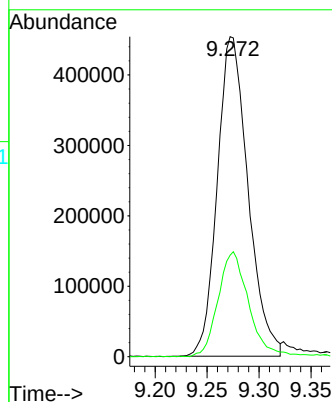
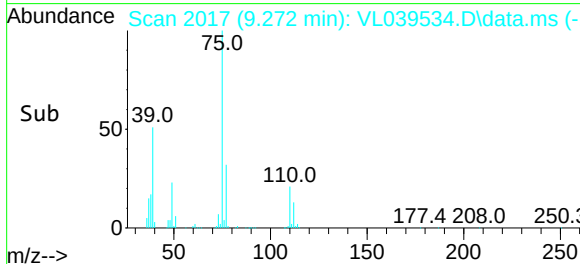
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 93348
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8

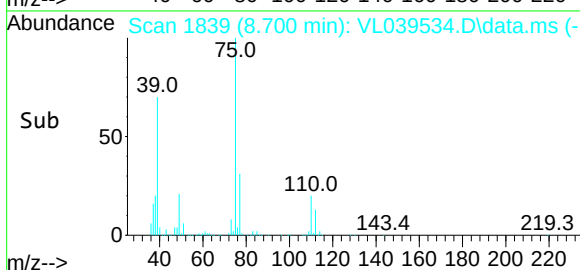
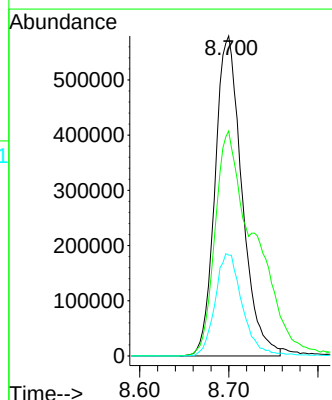
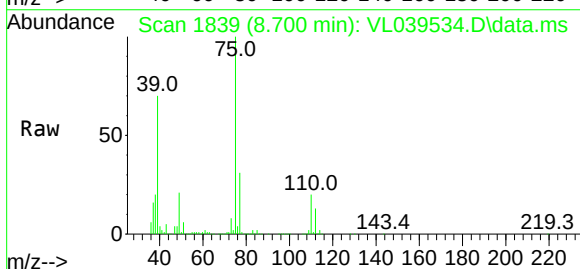
Manual Integrations
APPROVED

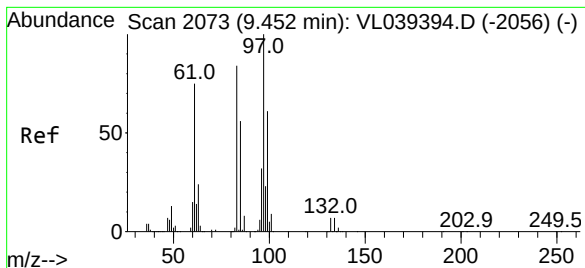
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#46
cis-1,3-Dichloropropene
Concen: 12.342 ppbv
RT: 8.700 min Scan# 1839
Delta R.T. 0.019 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

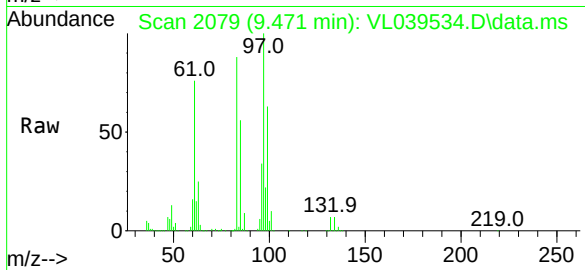
Tgt Ion: 75 Resp: 1216321
Ion Ratio Lower Upper
75 100
39 70.2 55.0 82.4
77 31.5 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 11.001 ppbv
RT: 9.471 min Scan# 2073
Delta R.T. 0.019 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

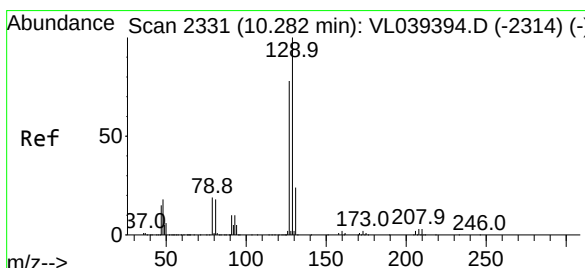
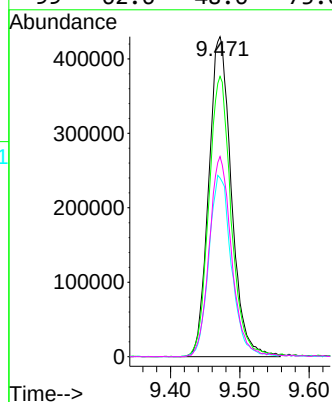
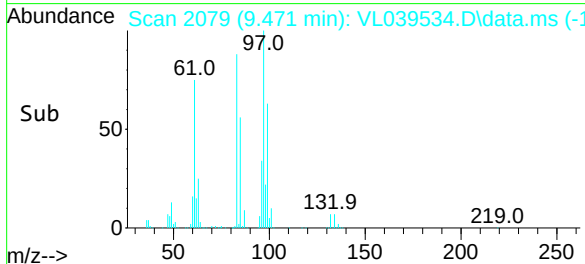
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



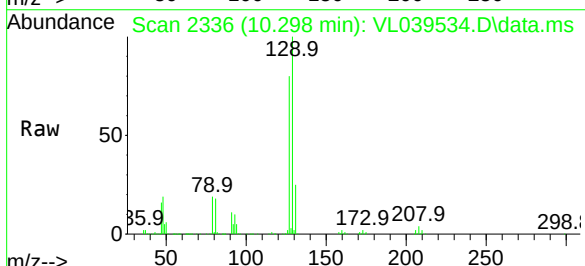
Tgt Ion: 97 Resp: 97525
Ion Ratio Lower Upper
97 100
83 87.6 67.4 101.0
85 55.8 45.1 67.7
99 62.6 48.6 73.0

Manual Integrations
APPROVED

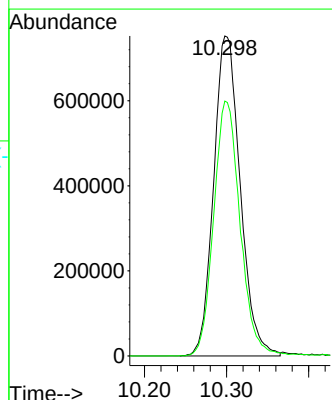
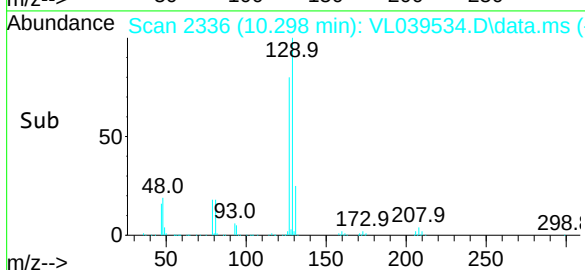
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

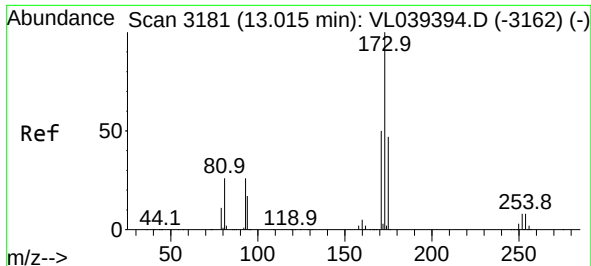


#48
Dibromochloromethane
Concen: 12.045 ppbv
RT: 10.298 min Scan# 2336
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



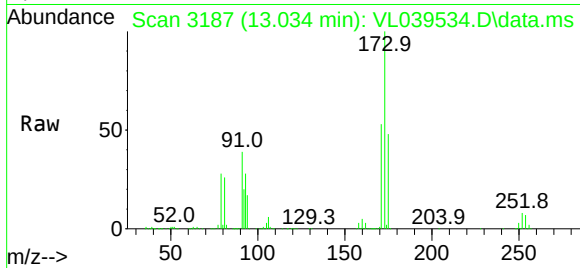
Tgt Ion:129 Resp: 1697090
Ion Ratio Lower Upper
129 100
127 79.3 39.3 117.9





#49
Bromoform
Concen: 12.478 ppbv
RT: 13.034 min Scan# 3181
Delta R.T. 0.019 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

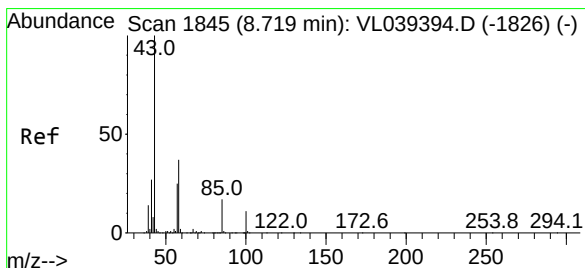
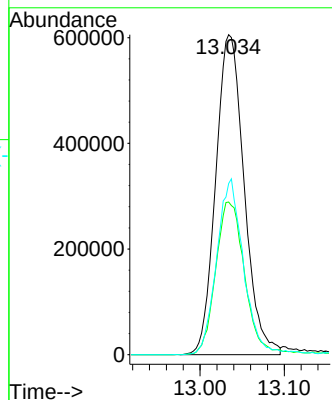
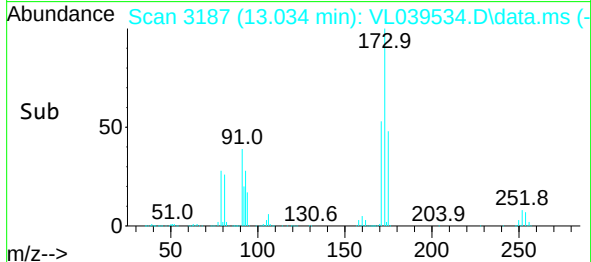
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



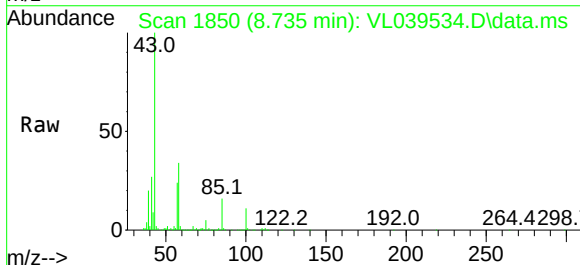
Tgt Ion: 173 Resp: 141836
Ion Ratio Lower Upper
173 100
175 49.5 40.3 60.5
171 52.3 42.9 64.3

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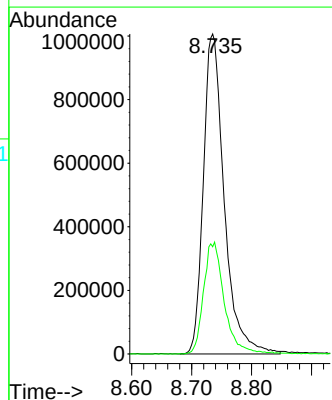
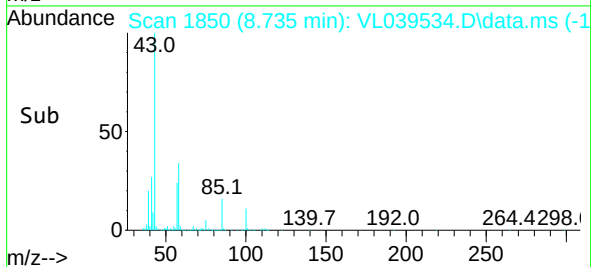
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

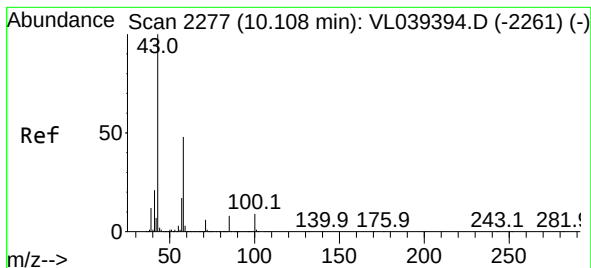


#50
4-Methyl-2-Pentanone
Concen: 11.714 ppbv
RT: 8.735 min Scan# 1850
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



Tgt Ion: 43 Resp: 2436415
Ion Ratio Lower Upper
43 100
58 34.8 28.8 43.2





#51

2-Hexanone

Concen: 12.084 ppbv

RT: 10.124 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 1901139

Ion Ratio Lower Upper

43 100

58 47.6 38.4 57.6

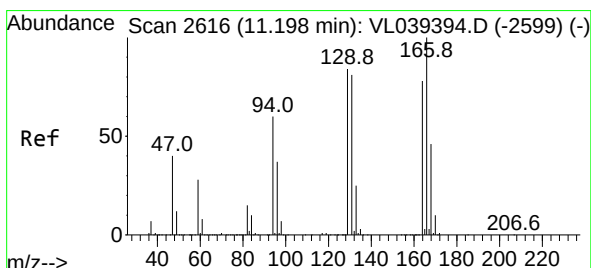
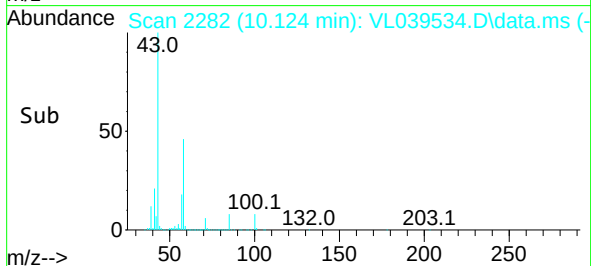
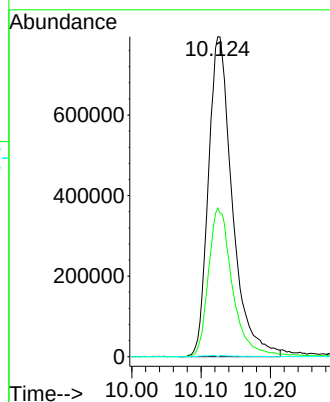
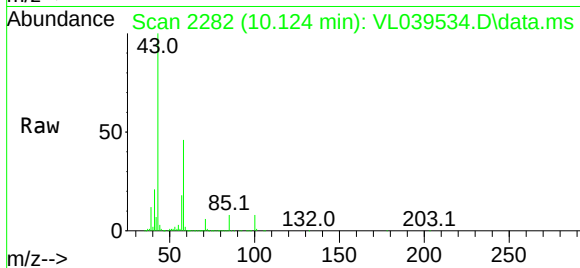
98 0.5 0.3 0.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#52

Tetrachloroethene

Concen: 10.673 ppbv

RT: 11.217 min Scan# 2622

Delta R.T. 0.019 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Tgt Ion:164 Resp: 908643

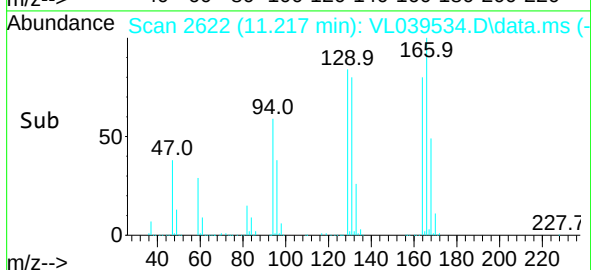
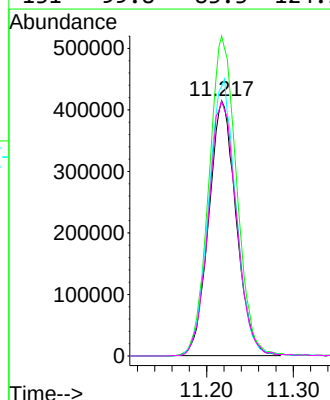
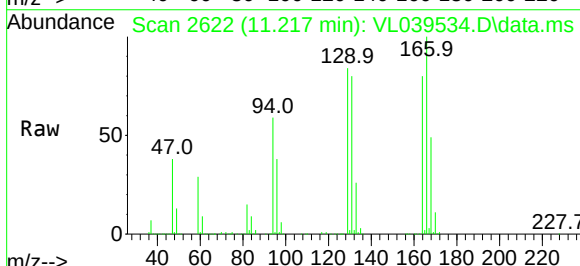
Ion Ratio Lower Upper

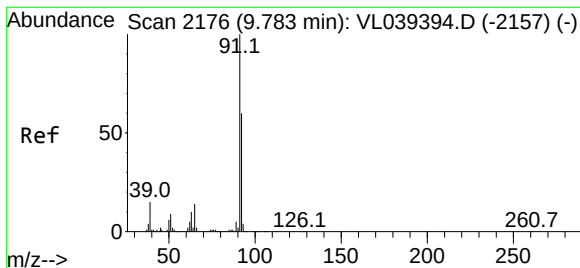
164 100

166 125.0 102.2 153.2

129 105.5 85.8 128.8

131 99.8 83.3 124.9





#53

Toluene

Concen: 11.458 ppbv

RT: 9.799 min Scan# 2176

Delta R.T. 0.016 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 2795284

Ion Ratio Lower Upper

91 100

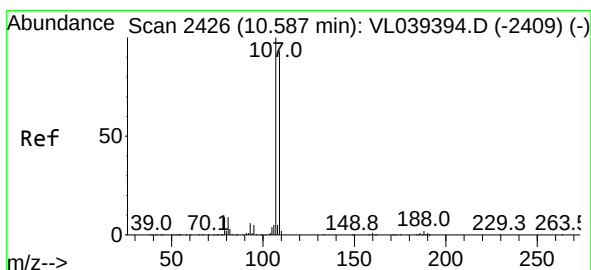
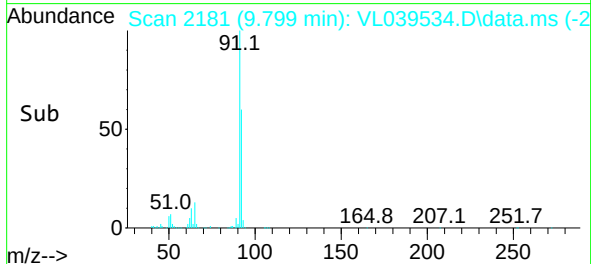
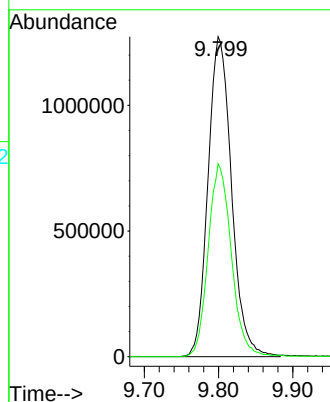
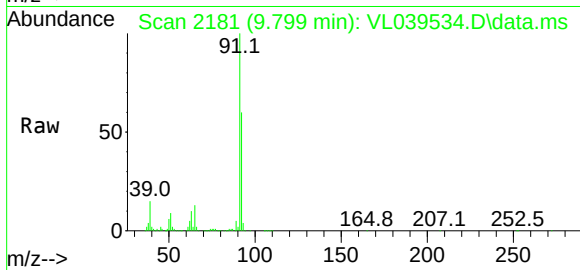
92 59.7 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#54

1,2-Dibromoethane

Concen: 11.654 ppbv

RT: 10.606 min Scan# 2432

Delta R.T. 0.019 min

Lab File: VL039534.D

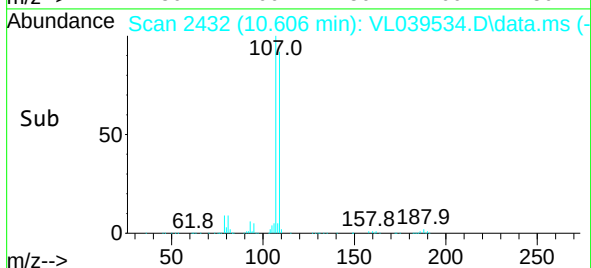
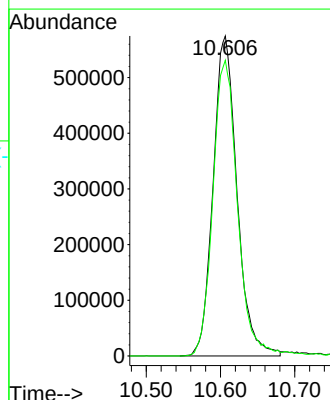
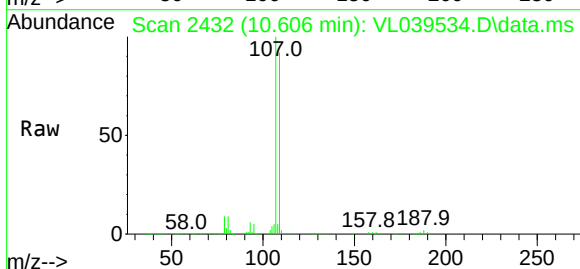
Acq: 26 Jul 2022 7:51

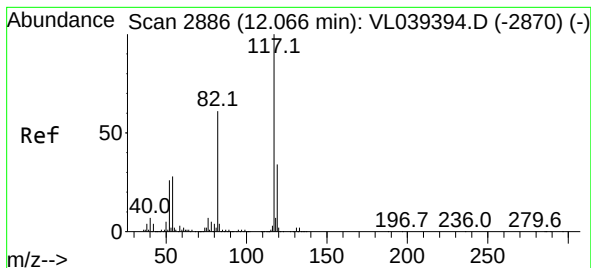
Tgt Ion:107 Resp: 1285569

Ion Ratio Lower Upper

107 100

109 92.4 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.079 min Scan# 2

Delta R.T. 0.013 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 262998

Ion Ratio Lower Upper

117 100

82 63.6 50.8 76.2

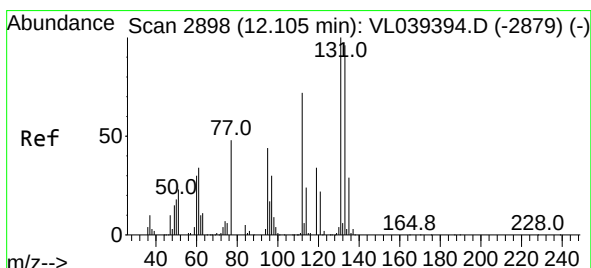
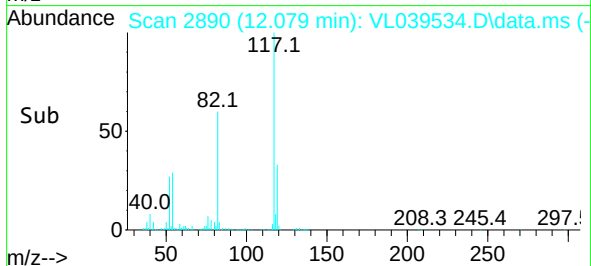
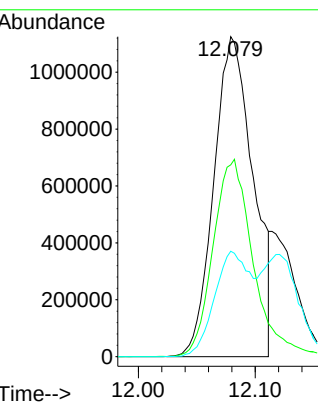
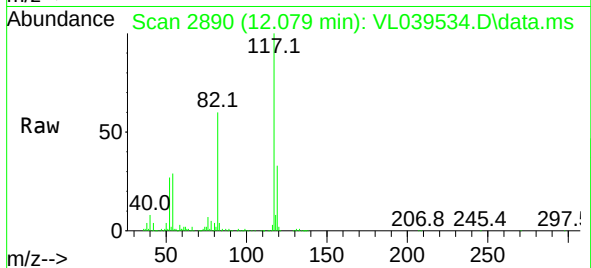
119 33.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.856 ppbv

RT: 12.121 min Scan# 2903

Delta R.T. 0.016 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

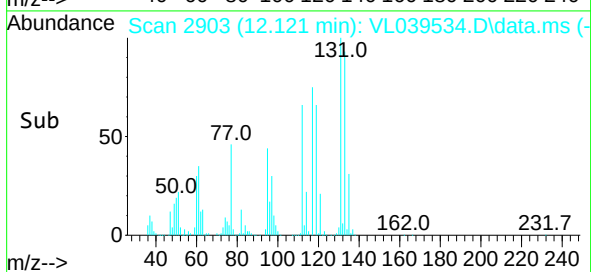
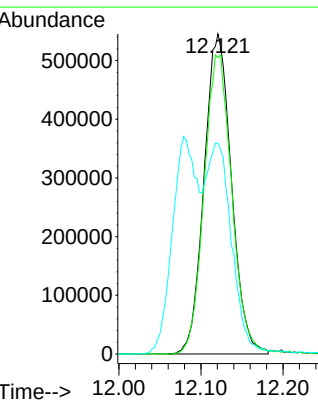
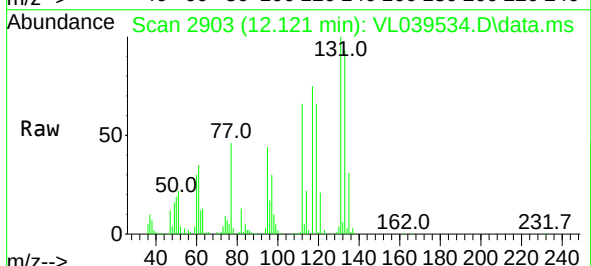
Tgt Ion:131 Resp: 1261279

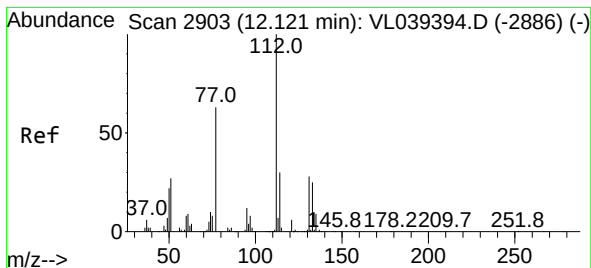
Ion Ratio Lower Upper

131 100

133 95.9 76.8 115.2

119 66.5 46.2 69.4





#57

Chlorobenzene

Concen: 10.612 ppbv

RT: 12.140 min Scan# 2909

Delta R.T. 0.019 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 2163770

Ion Ratio Lower Upper

112 100

77 63.0 51.0 76.4

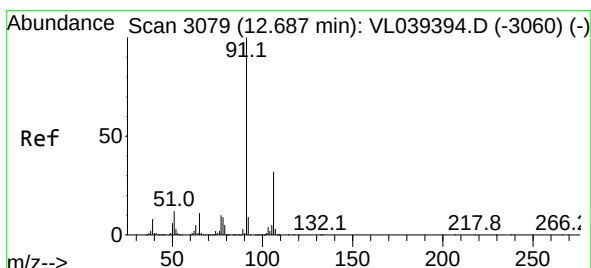
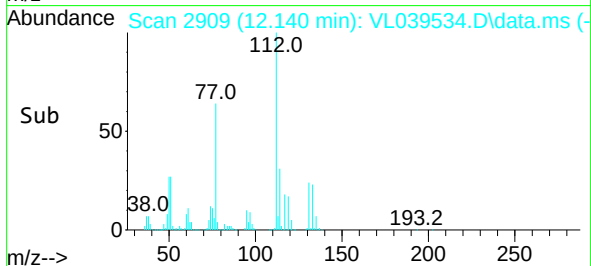
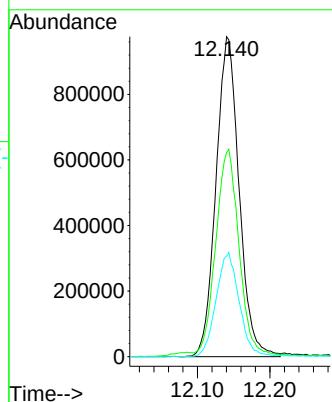
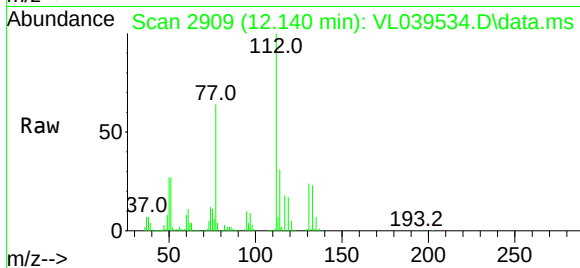
114 31.3 27.5 33.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#58

Ethyl Benzene

Concen: 11.046 ppbv

RT: 12.703 min Scan# 3084

Delta R.T. 0.016 min

Lab File: VL039534.D

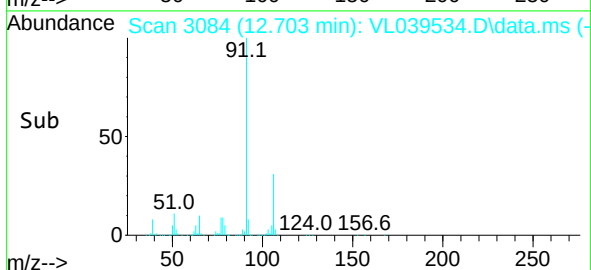
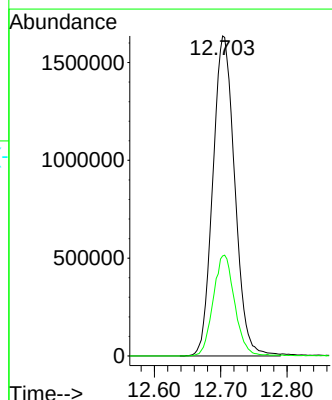
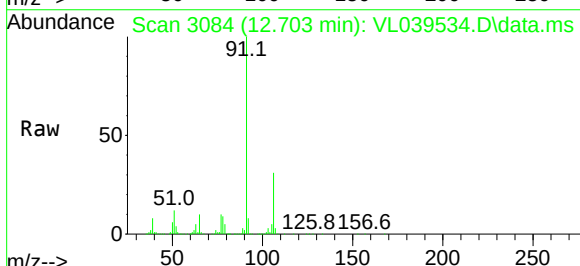
Acq: 26 Jul 2022 7:51

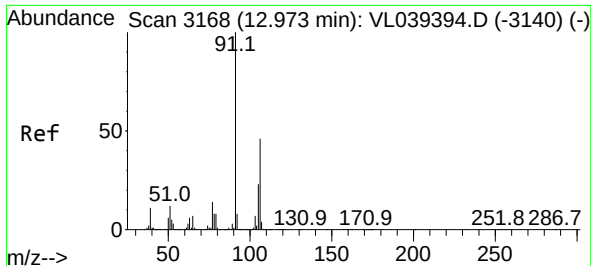
Tgt Ion: 91 Resp: 3751062

Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0





#59

m/p-Xylene

Concen: 21.614 ppbv m

RT: 12.989 min Scan# 3168

Delta R.T. 0.016 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 6471079

Ion Ratio Lower Upper

91 100

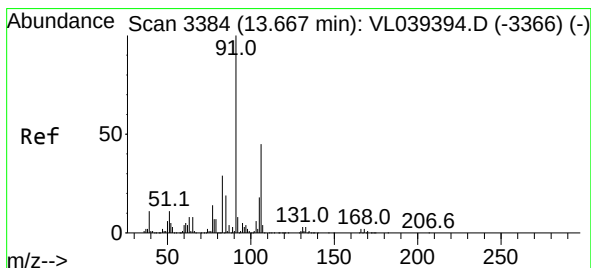
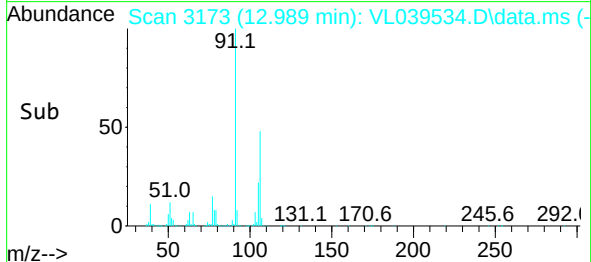
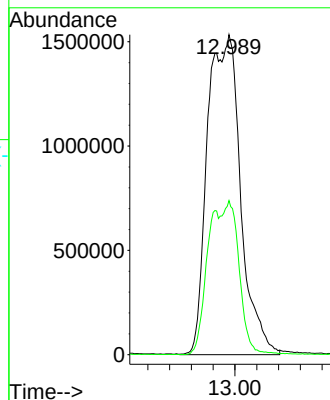
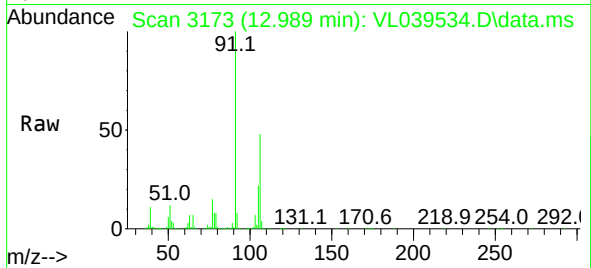
106 44.7 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#60

o-Xylene

Concen: 10.939 ppbv

RT: 13.687 min Scan# 3390

Delta R.T. 0.019 min

Lab File: VL039534.D

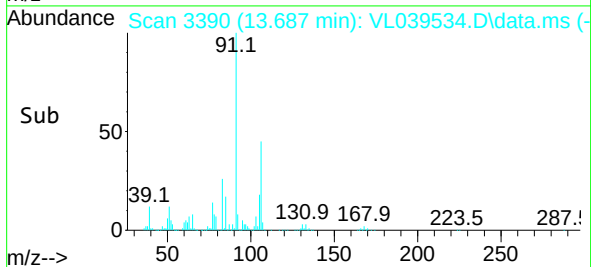
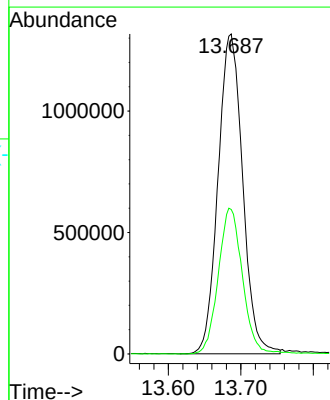
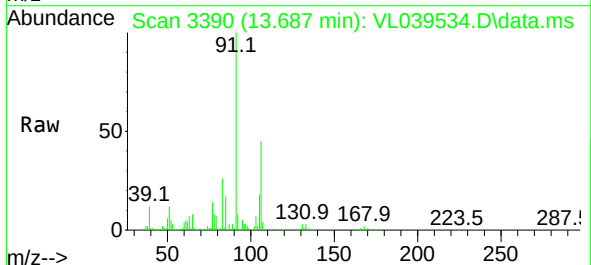
Acq: 26 Jul 2022 7:51

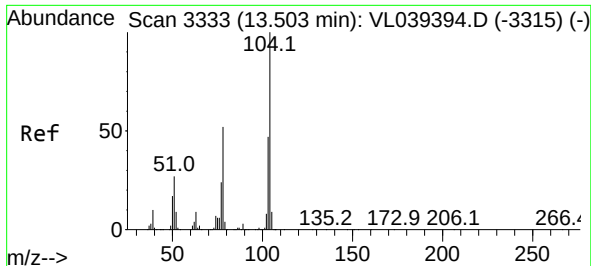
Tgt Ion: 91 Resp: 3101175

Ion Ratio Lower Upper

91 100

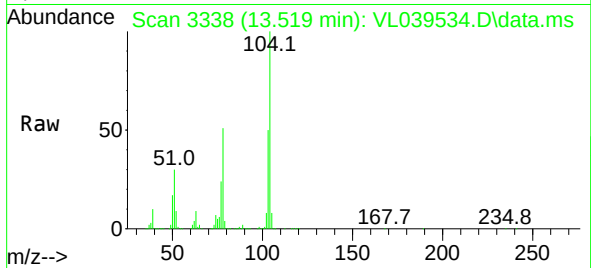
106 45.1 22.4 67.3





#61
Styrene
Concen: 11.912 ppbv
RT: 13.519 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

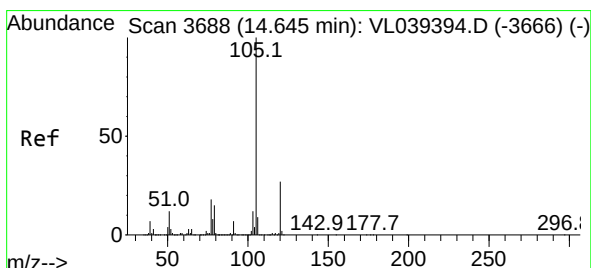
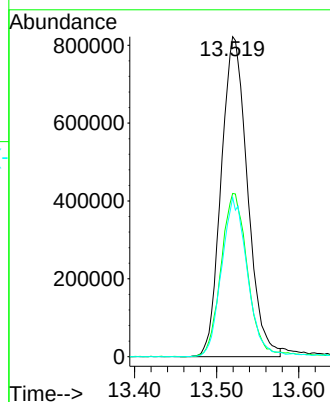
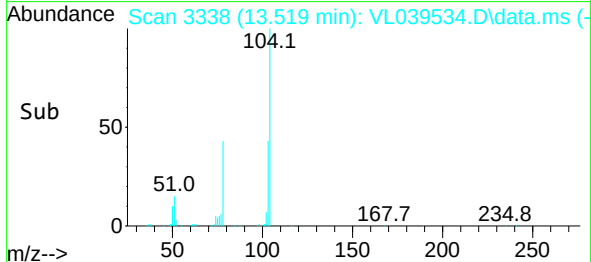
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



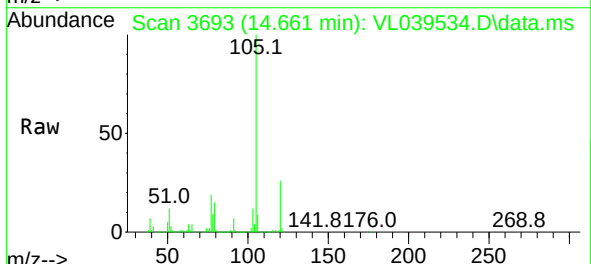
Tgt Ion:104 Resp: 1829309
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 49.3 38.7 58.1

Manual Integrations
APPROVED

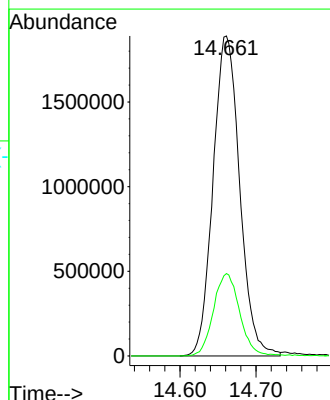
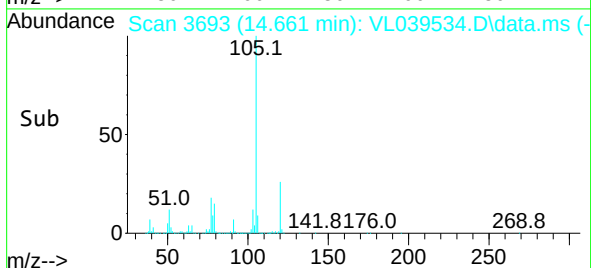
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

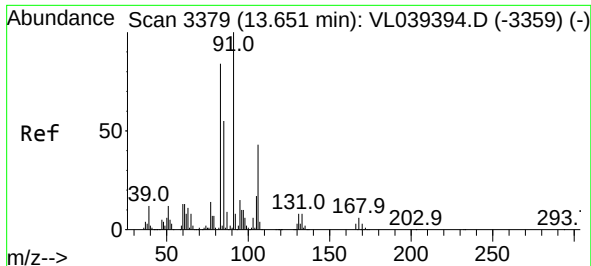


#62
Isopropylbenzene
Concen: 10.626 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



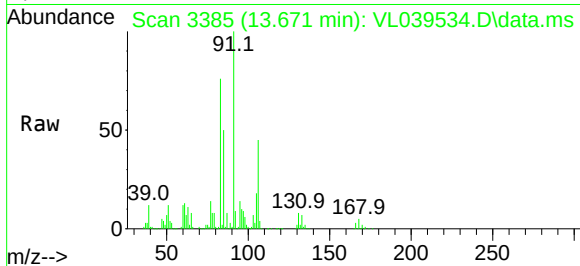
Tgt Ion:105 Resp: 4587698
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.967 ppbv
RT: 13.671 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

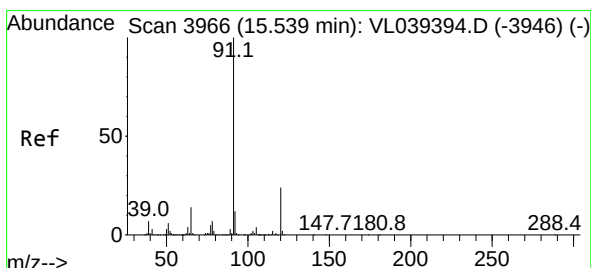
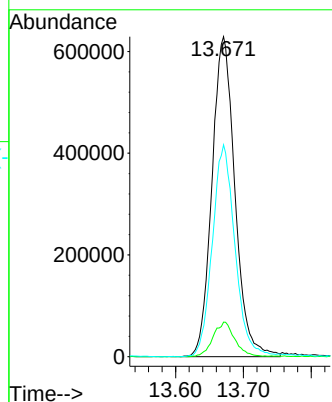
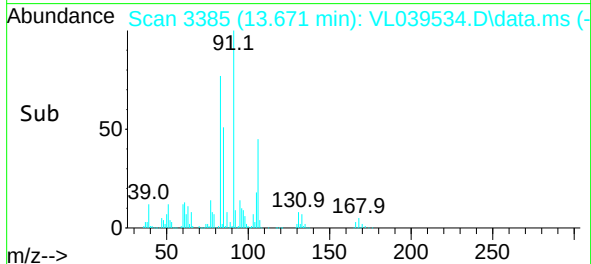
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



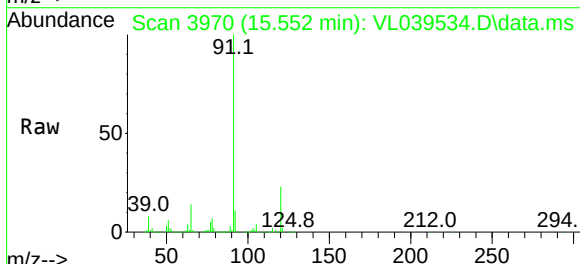
Tgt Ion: 83 Resp: 1481036
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 66.3 33.1 99.5

Manual Integrations
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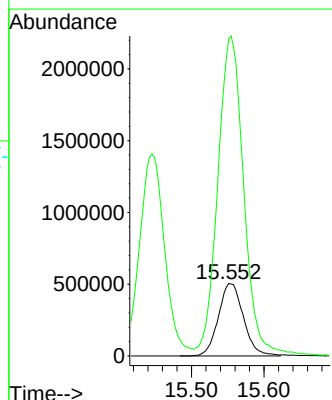
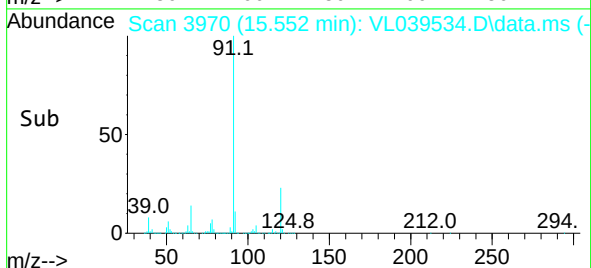
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

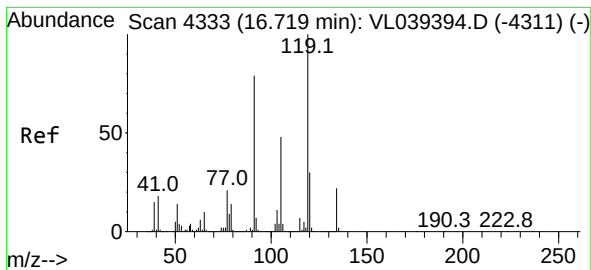


#64
n-propylbenzene
Concen: 11.056 ppbv
RT: 15.552 min Scan# 3970
Delta R.T. 0.013 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



Tgt Ion:120 Resp: 1209841
Ion Ratio Lower Upper
120 100
91 461.4 367.2 550.8





#65

tert-Butylbenzene

Concen: 10.558 ppbv

RT: 16.738 min Scan# 41

Delta R.T. 0.019 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 4212224

Ion Ratio Lower Upper

119 100

91 80.5 63.4 95.2

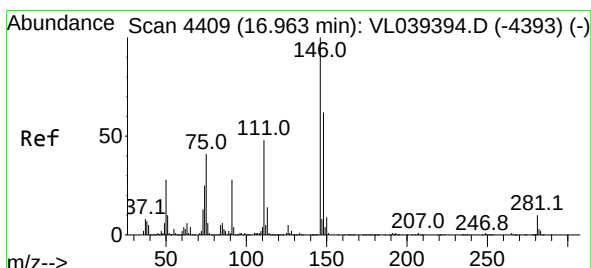
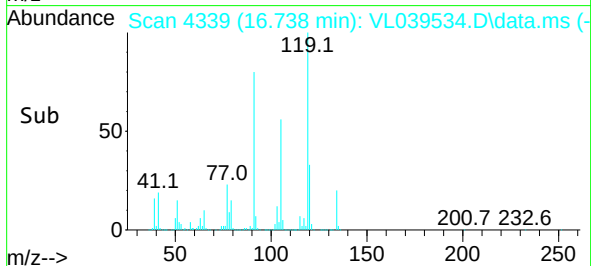
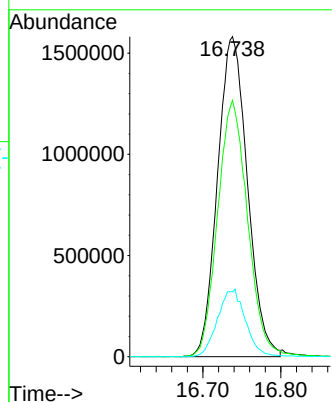
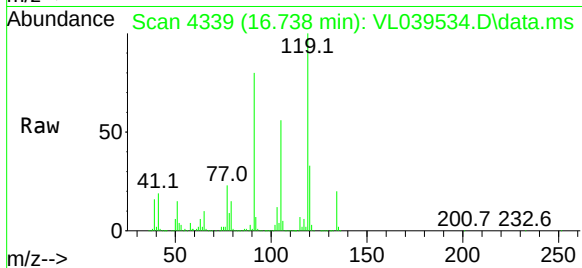
134 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#66

Benzyl Chloride

Concen: 11.941 ppbv

RT: 16.976 min Scan# 4413

Delta R.T. 0.013 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

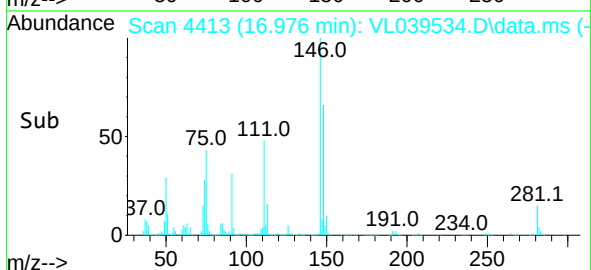
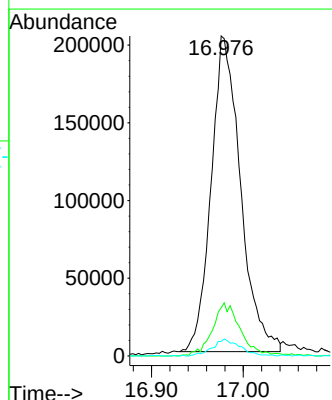
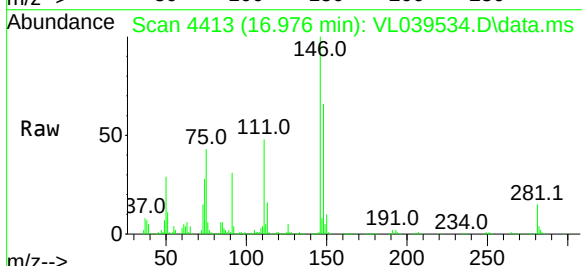
Tgt Ion: 91 Resp: 452713

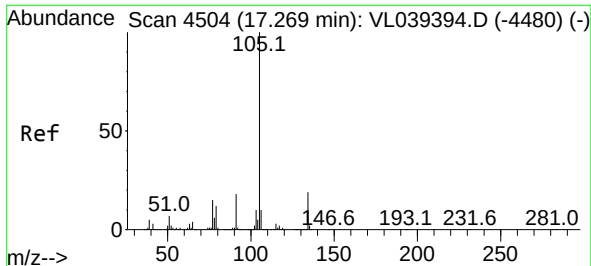
Ion Ratio Lower Upper

91 100

126 16.4 13.1 19.7

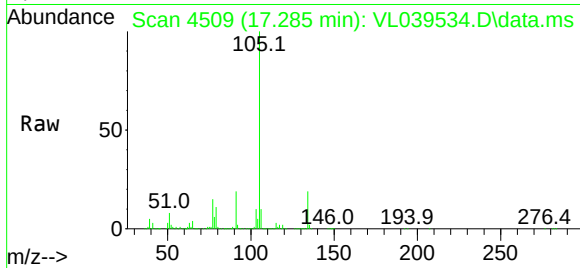
128 5.3 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.803 ppbv
 RT: 17.285 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

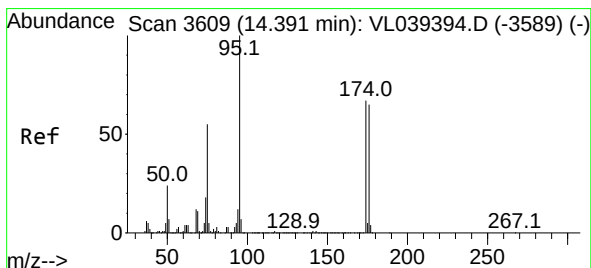
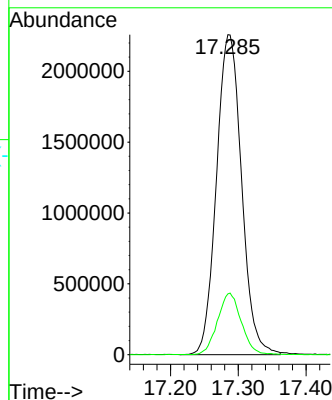
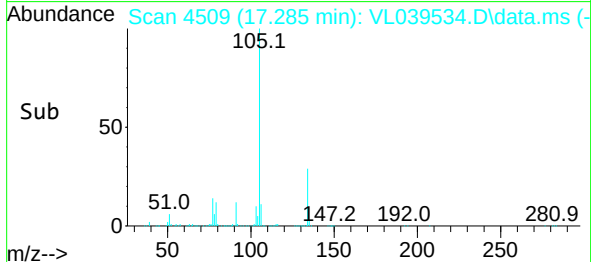
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 580518
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.8 22.2

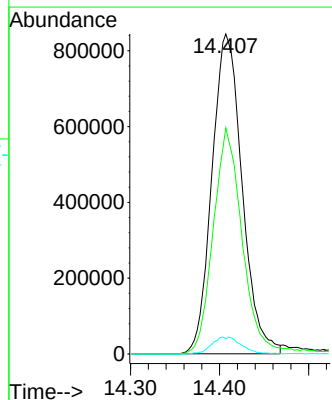
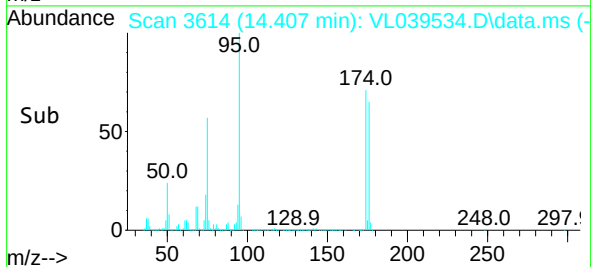
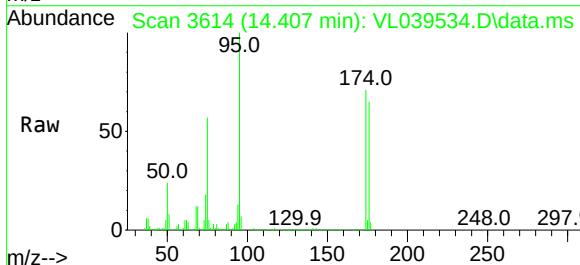
Manual Integrations
 APPROVED

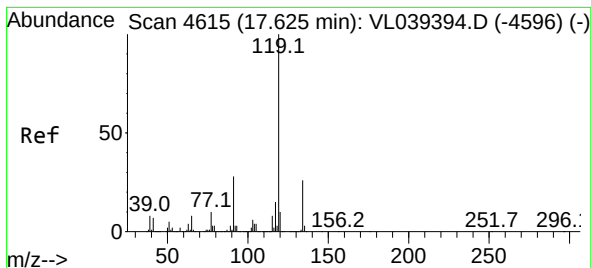
Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.174 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. 0.016 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

Tgt Ion: 95 Resp: 1985066
 Ion Ratio Lower Upper
 95 100
 174 69.3 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 10.948 ppbv

RT: 17.645 min Scan# 4621

Delta R.T. 0.019 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

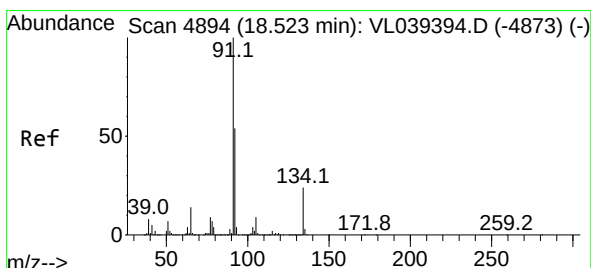
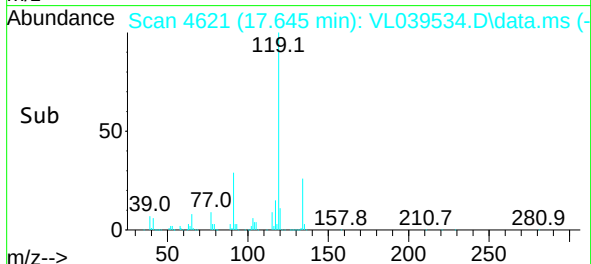
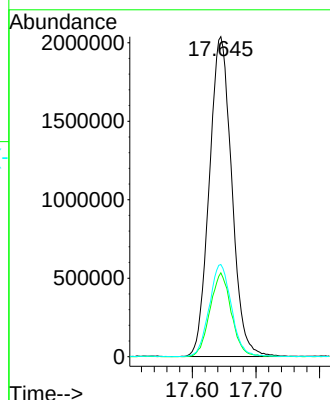
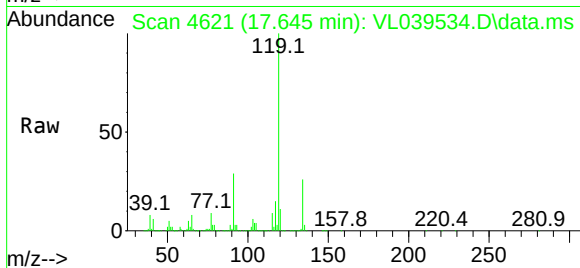
Tgt Ion: 119 Resp: 499156

Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.3	30.5
91	28.6	22.9	34.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#70

n-Butylbenzene

Concen: 11.012 ppbv

RT: 18.539 min Scan# 4899

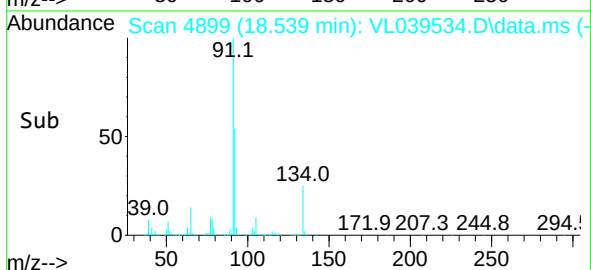
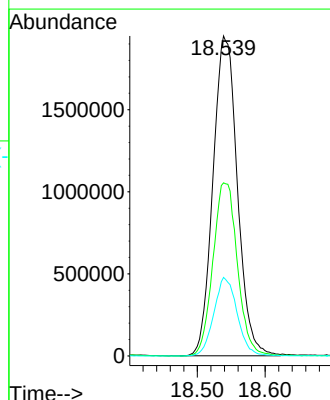
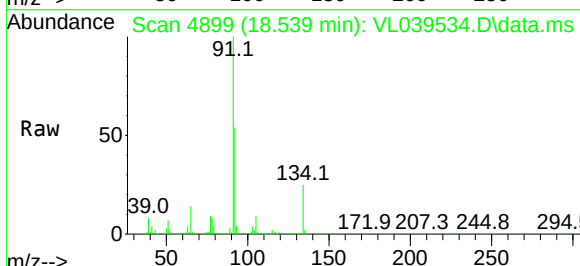
Delta R.T. 0.016 min

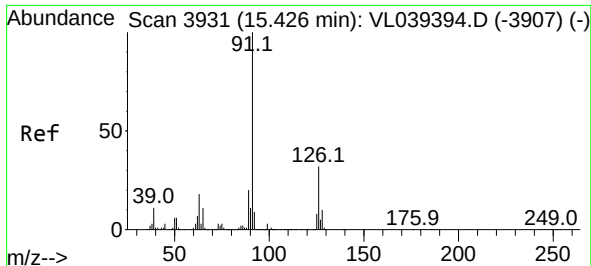
Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Tgt Ion: 91 Resp: 4873434

Ion	Ratio	Lower	Upper
91	100		
92	54.4	43.4	65.2
134	23.6	18.9	28.3





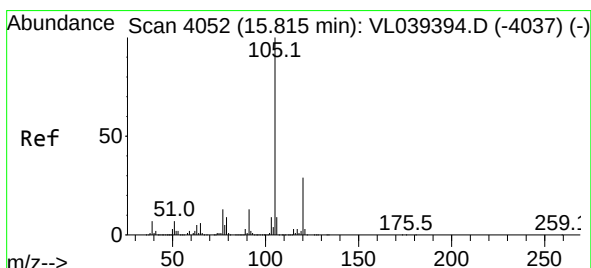
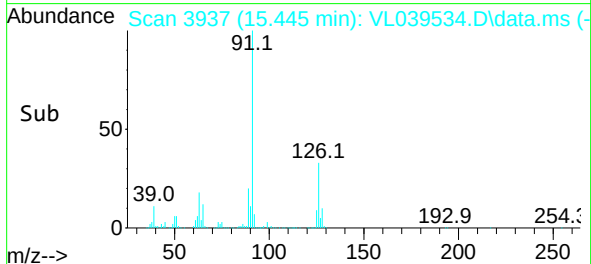
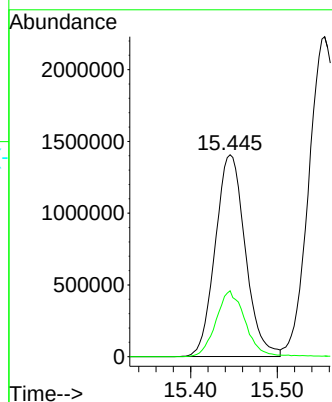
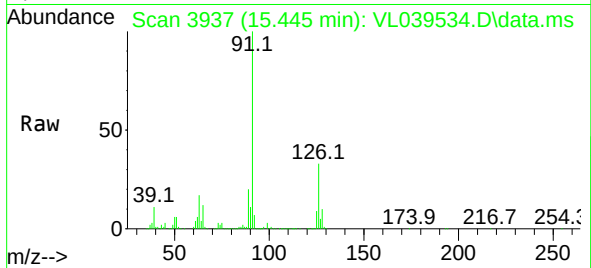
#71
2-Chlorotoluene
Concen: 10.963 ppbv
RT: 15.445 min Scan# 3931
Delta R.T. 0.019 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 338737
Ion Ratio Lower Upper
91 100
126 32.3 13.0 51.8

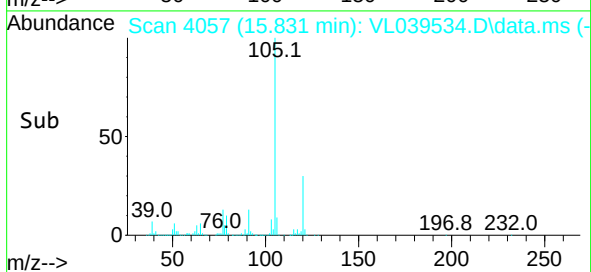
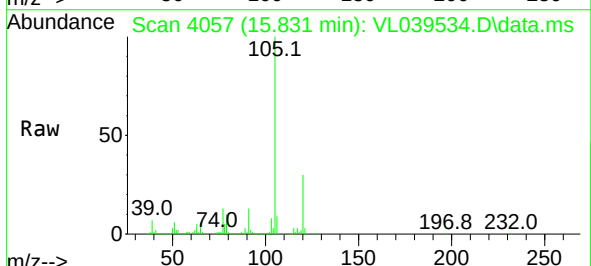
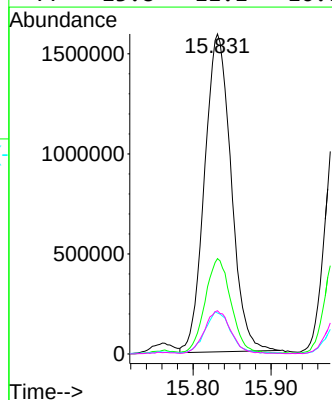
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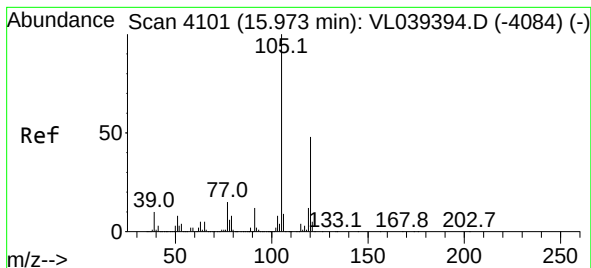
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#72
4-Ethyltoluene
Concen: 11.279 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

Tgt Ion:105 Resp: 3759591
Ion Ratio Lower Upper
105 100
120 30.0 24.2 36.2
91 12.9 10.2 15.4
77 13.8 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 11.111 ppbv

RT: 15.989 min Scan# 4101

Delta R.T. 0.016 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 340137

Ion Ratio Lower Upper

105 100

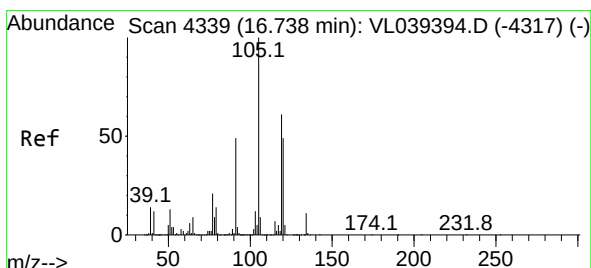
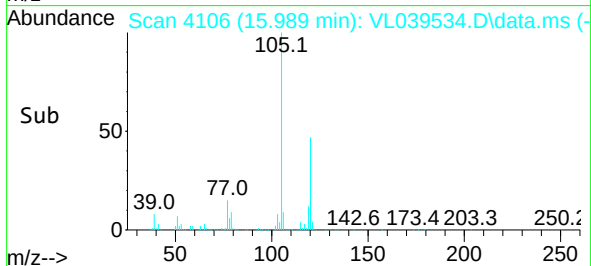
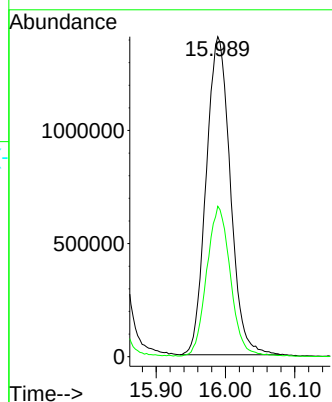
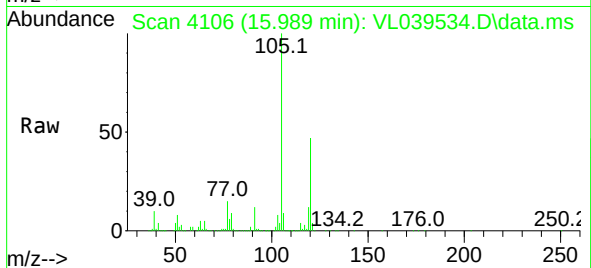
120 47.1 38.2 57.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.935 ppbv

RT: 16.754 min Scan# 4344

Delta R.T. 0.016 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Tgt Ion:105 Resp: 3703199

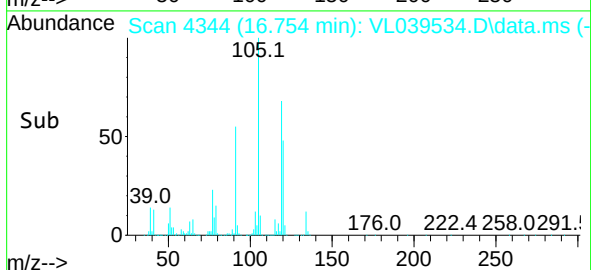
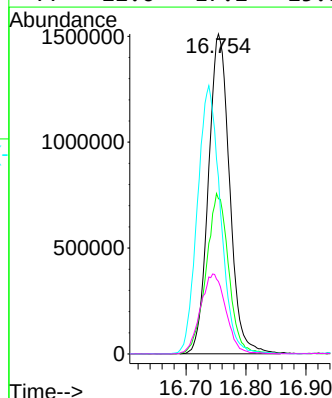
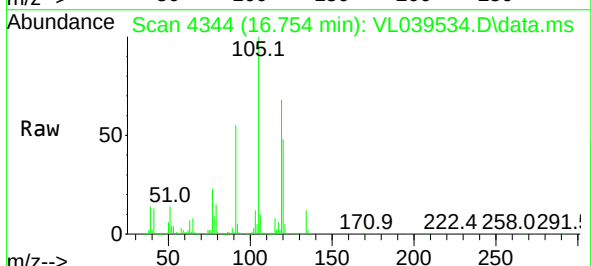
Ion Ratio Lower Upper

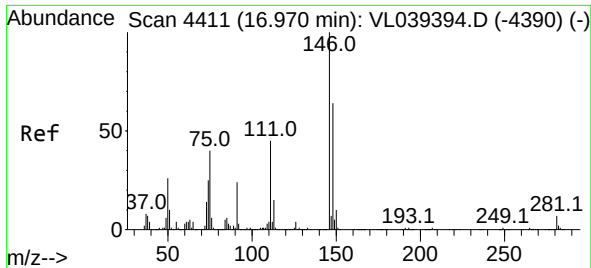
105 100

120 48.3 39.5 59.3

91 55.1 39.2 58.8

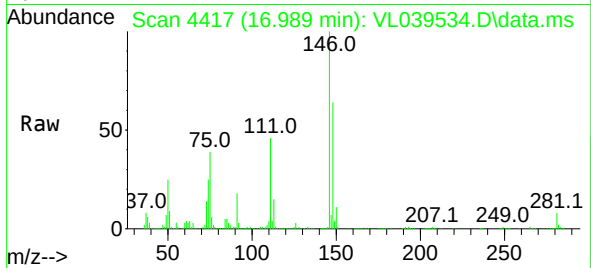
77 22.6 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 10.766 ppbv
RT: 16.989 min Scan# 4411
Delta R.T. 0.019 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51

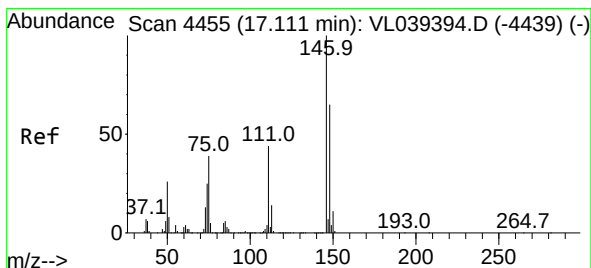
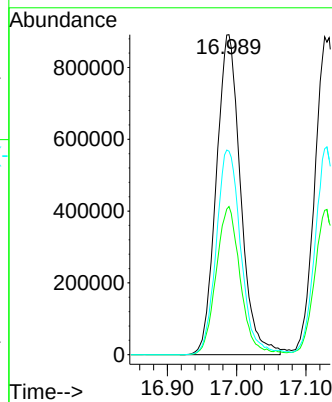
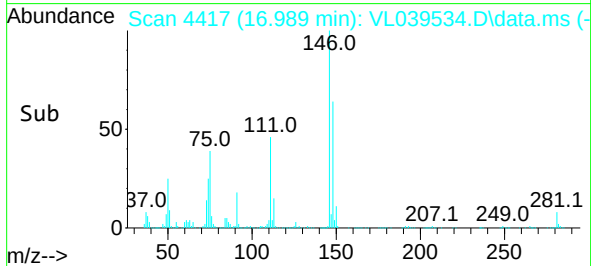
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



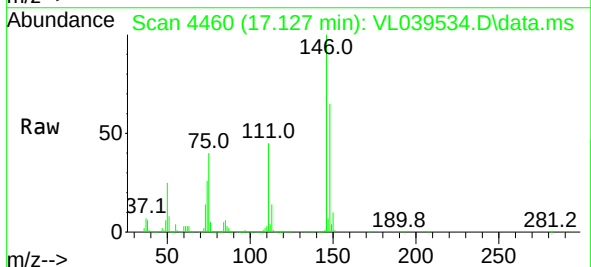
Tgt Ion:146 Resp: 217498
Ion Ratio Lower Upper
146 100
111 46.2 22.9 68.7
148 64.8 32.1 96.5

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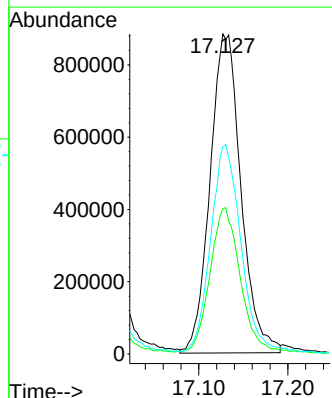
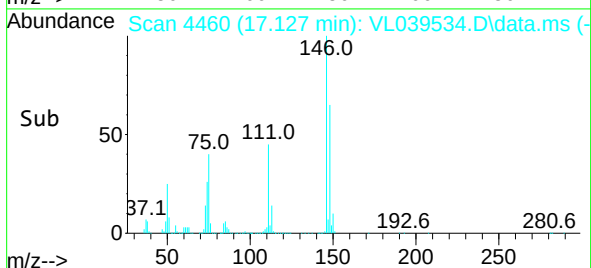
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

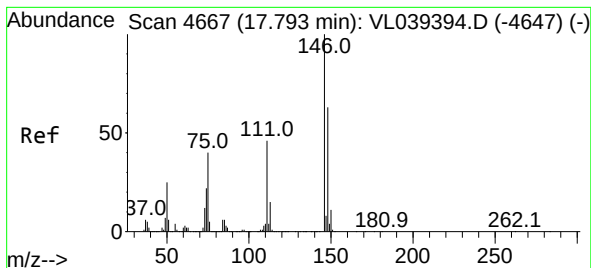


#76
1,4-Dichlorobenzene
Concen: 10.653 ppbv
RT: 17.127 min Scan# 4460
Delta R.T. 0.016 min
Lab File: VL039534.D
Acq: 26 Jul 2022 7:51



Tgt Ion:146 Resp: 2133021
Ion Ratio Lower Upper
146 100
111 45.7 22.9 68.8
148 65.4 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 10.685 ppbv

RT: 17.805 min Scan# 4000

Delta R.T. 0.013 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 213954

Ion Ratio Lower Upper

146 100

111 46.9 23.8 71.5

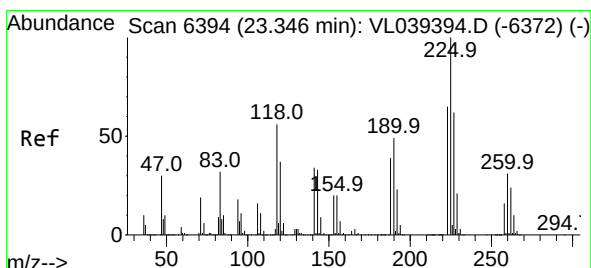
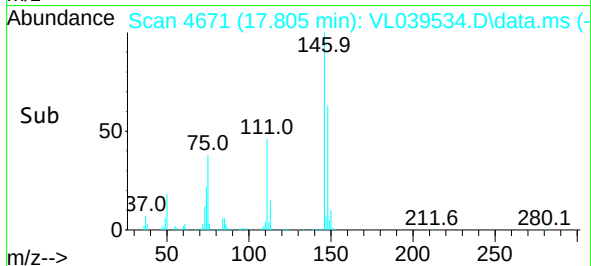
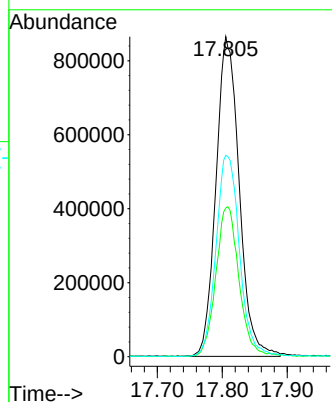
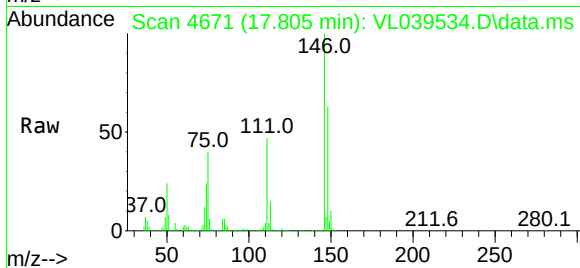
148 64.1 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.332 ppbv

RT: 23.365 min Scan# 6400

Delta R.T. 0.019 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

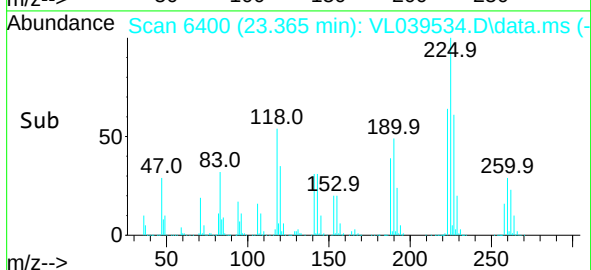
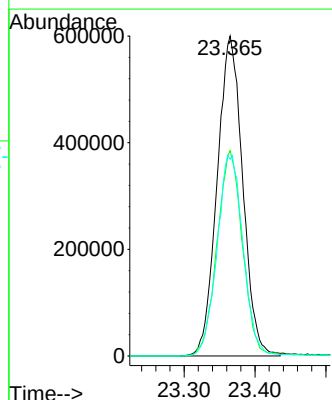
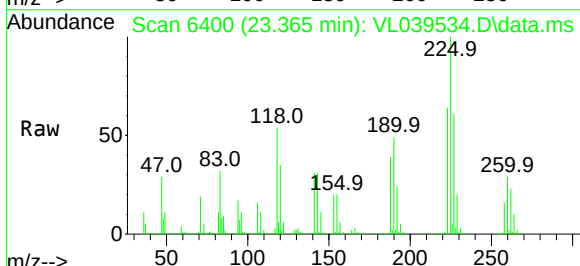
Tgt Ion:225 Resp: 1502866

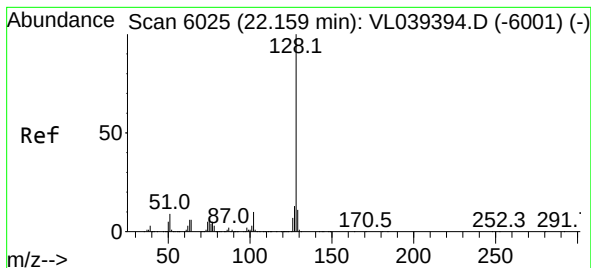
Ion Ratio Lower Upper

225 100

223 64.4 51.8 77.6

227 64.9 51.4 77.2





#79

Naphthalene

Concen: 12.396 ppbv

RT: 22.182 min Scan# 6025

Delta R.T. 0.022 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 288915

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

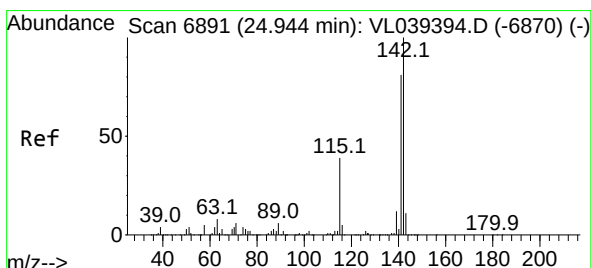
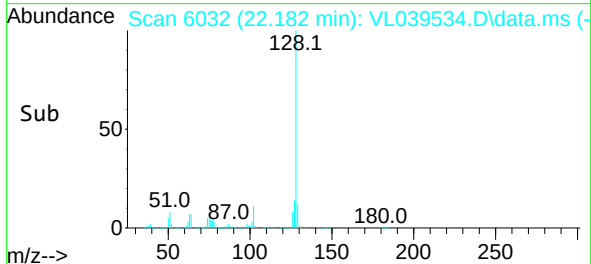
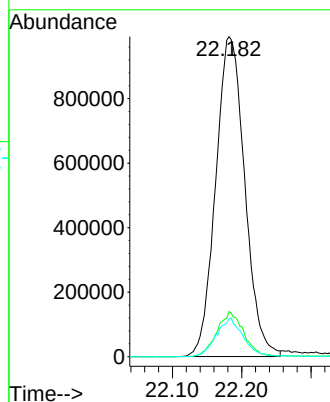
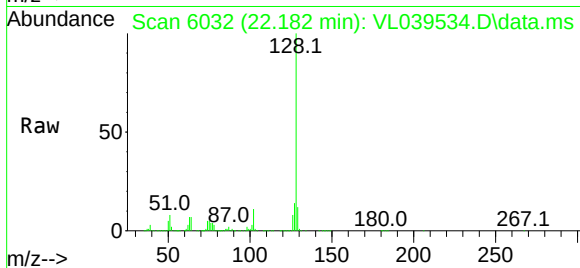
129 11.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#80

Naphthalene,2-methyl-

Concen: 12.648 ppbv

RT: 24.960 min Scan# 6896

Delta R.T. 0.016 min

Lab File: VL039534.D

Acq: 26 Jul 2022 7:51

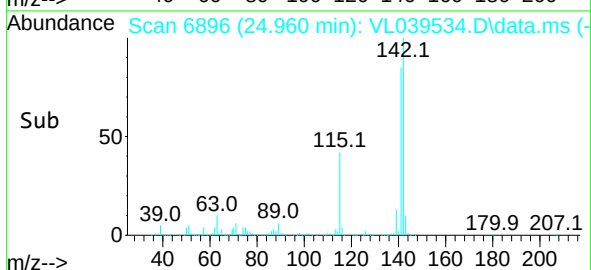
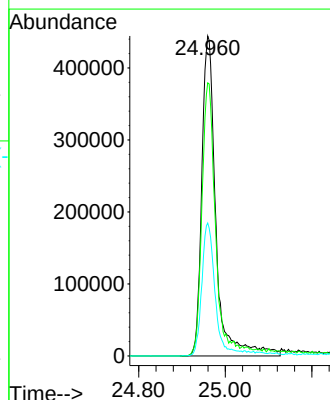
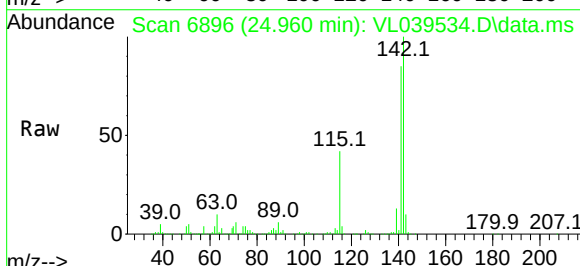
Tgt Ion:142 Resp: 1003325

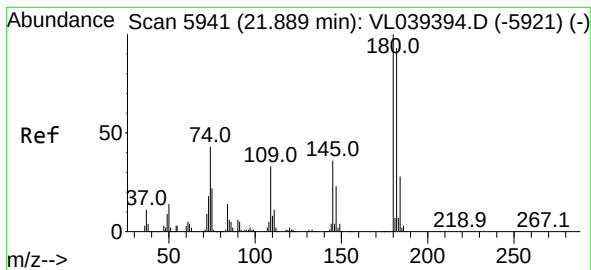
Ion Ratio Lower Upper

142 100

141 87.2 68.9 103.3

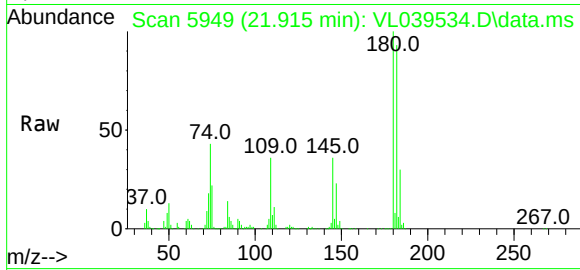
115 40.8 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.955 ppbv
 RT: 21.915 min Scan# 5949
 Delta R.T. 0.026 min
 Lab File: VL039534.D
 Acq: 26 Jul 2022 7:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1663000
 Ion Ratio Lower Upper
 180 100
 182 99.2 77.1 115.7
 184 30.6 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

