

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039334.D
 Acq On : 23 Jun 2022 00:04
 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 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 23 07:31:11 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:31:11 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1158604	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3258029	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3130135m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.407 95 2541487 9.821 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	1607554	7.899	ppbv	98
3) Chlorodifluoromethane	2.993	51	1361610	9.236	ppbv	100
4) Chloromethane	3.144	50	651166	8.599	ppbv	96
5) Vinyl Chloride	3.260	62	689794	9.745	ppbv	92
6) Bromomethane	3.478	94	333144	9.567	ppbv	97
7) Chloroethane	3.559	64	253822	10.290	ppbv	98
8) Dichlorotetrafluoroethane	3.192	85	1743620	9.375	ppbv	95
9) Propene	3.012	41	527989	8.214	ppbv	96
10) Heptane	8.121	43	1512400	10.086	ppbv	98
11) Trichlorofluoromethane	3.954	101	1787919	9.706	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.488	101	1335742	10.965	ppbv	100
13) Ethanol	3.600	45	34139m	9.739	ppbv	
14) Bromoethene	3.742	108	539732	9.855	ppbv	99
15) Acetone	3.848	43	1518973	12.586	ppbv	98
16) 1,3-Butadiene	3.330	39	683392	10.533	ppbv	95
17) tert-Butyl alcohol	4.282	59	1133096	12.104	ppbv	99
18) 1,1-Dichloroethene	4.288	96	568695	10.407	ppbv	94
19) Isopropyl Alcohol	3.961	45	613791	10.843	ppbv #	98
20) Methylene Chloride	4.346	84	482765	9.492	ppbv	96
21) Allyl Chloride	4.414	41	883654	10.854	ppbv	98
22) trans-1,2-Dichloroethene	4.883	96	593986	11.297	ppbv	95
23) Vinyl Acetate	5.070	43	892942	8.942	ppbv	98
24) 1,1-Dichloroethane	5.012	63	1221598	8.929	ppbv	99
25) Ethyl Acetate	5.671	43	2961583	10.887	ppbv	99
26) Hexane	5.687	57	1155294	9.665	ppbv	88
27) Carbon Disulfide	4.552	76	1395711	11.265	ppbv	100
28) Methyl tert-Butyl Ether	5.031	73	1109921	8.411	ppbv	100
29) Chloroform	5.751	83	1887813	9.385	ppbv	97
30) Cyclohexane	7.131	84	970621	9.665	ppbv	99
31) cis-1,2-Dichloroethene	5.549	61	1120432	9.192	ppbv	97
32) 1,1,1-Trichloroethane	6.510	97	1892462	9.615	ppbv	100
34) 2-Butanone	5.240	43	1576442	8.906	ppbv	100
35) Carbon Tetrachloride	7.018	117	2001159	8.415	ppbv	97
36) Benzene	6.890	78	2396904	9.062	ppbv	99
37) 1,2-Dichloroethane	6.304	62	1423357	8.177	ppbv	98
38) Trichloroethene	7.832	130	1059260	8.719	ppbv	96
39) 1,2-Dichloropropane	7.613	63	887997	8.440	ppbv	98
40) 1,4-Dioxane	7.825	88	302940	8.746	ppbv #	1
41) Tetrahydrofuran	6.047	42	902963	8.482	ppbv	99
42) Bromodichloromethane	7.790	83	2012579	8.331	ppbv	99
43) Methyl Methacrylate	8.009	69	1028070	9.978	ppbv	98
44) 2,2,4-Trimethylpentane	7.867	57	4020760	8.689	ppbv	98
45) t-1,3-Dichloropropene	9.275	75	790289	7.365	ppbv	98

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Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 23 07:31:11 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:31:11 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	1107479	7.813	ppbv	96
47) 1,1,2-Trichloroethane	9.472	97	1019044	9.284	ppbv	98
48) Dibromochloromethane	10.301	129	1806862	9.219	ppbv	99
49) Bromoform	13.037	173	1530430	9.370	ppbv	99
50) 4-Methyl-2-Pentanone	8.738	43	2479550	9.359	ppbv	99
51) 2-Hexanone	10.127	43	1884587	9.141	ppbv #	97
52) Tetrachloroethene	11.221	164	965940	9.353	ppbv	97
53) Toluene	9.803	91	2933552	9.632	ppbv	99
54) 1,2-Dibromoethane	10.607	107	1417556	9.611	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.121	131	1407733	9.505	ppbv	99
57) Chlorobenzene	12.143	112	2258044	9.588	ppbv	96
58) Ethyl Benzene	12.706	91	4030715	9.349	ppbv	99
59) m/p-Xylene	12.989	91	7027778m	18.509	ppbv	
60) o-Xylene	13.687	91	3376379	9.464	ppbv	100
61) Styrene	13.523	104	1936697	10.137	ppbv	96
62) Isopropylbenzene	14.658	105	5198107	9.803	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.668	83	2134912	10.661	ppbv	100
64) n-propylbenzene	15.552	120	1383808	10.616	ppbv	89
65) tert-Butylbenzene	16.738	119	4833214	9.967	ppbv	96
66) Benzyl Chloride	16.976	91	322471m	5.115	ppbv	
67) sec-Butylbenzene	17.288	105	6616399	10.000	ppbv	98
69) p-Isopropyltoluene	17.642	119	5742031	10.287	ppbv	99
70) n-Butylbenzene	18.539	91	5703126	9.954	ppbv	98
71) 2-Chlorotoluene	15.446	91	3892177	9.625	ppbv	97
72) 4-Ethyltoluene	15.831	105	4155684	9.938	ppbv	99
73) 1,3,5-Trimethylbenzene	15.986	105	3795521	10.064	ppbv	99
74) 1,2,4-Trimethylbenzene	16.754	105	4115188	9.778	ppbv	95
75) 1,3-Dichlorobenzene	16.989	146	2443271	10.256	ppbv	99
76) 1,4-Dichlorobenzene	17.130	146	2338997	9.841	ppbv	99
77) 1,2-Dichlorobenzene	17.809	146	2389890	9.954	ppbv	99
78) Hexachloro-1,3-Butadiene	23.365	225	1878085	8.554	ppbv	99
79) Naphthalene	22.182	128	3482647	10.749	ppbv	100
80) Naphthalene,2-methyl-	24.960	142	861999	7.161	ppbv	95
81) 1,2,4-Trichlorobenzene	21.915	180	1936803	9.436	ppbv #	100

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

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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

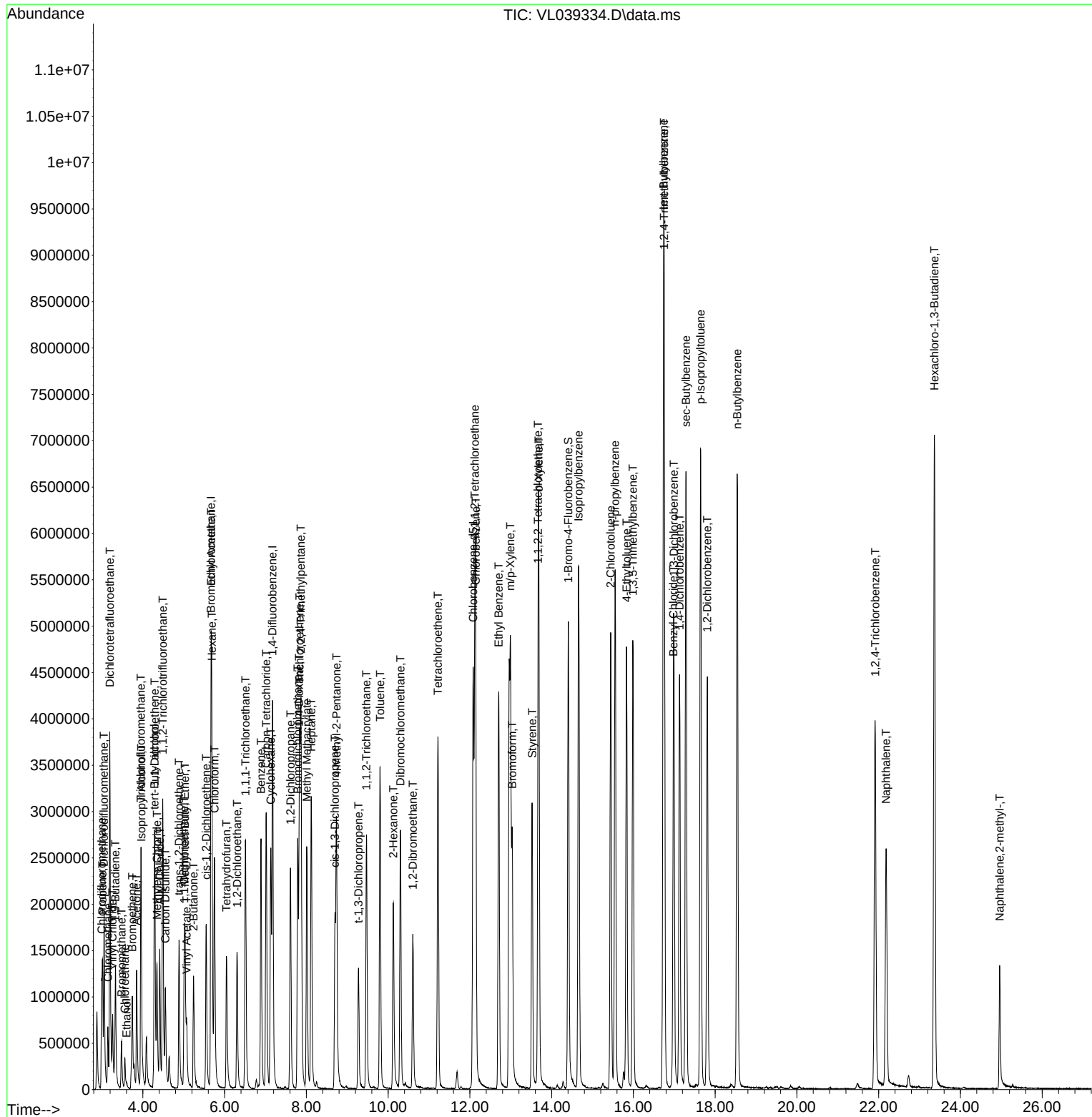
Quant Time: Jun 23 07:31:11 2022

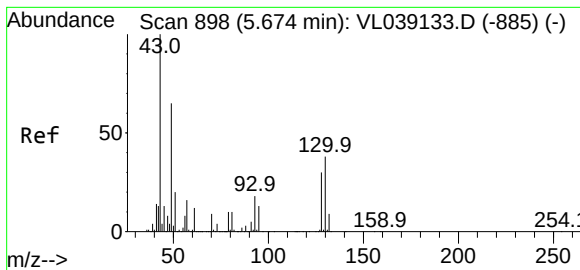
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun

QLast Update : Wed Jun 01 01:22:18 2022

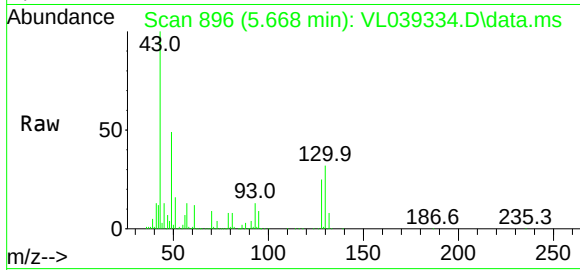
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 89
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

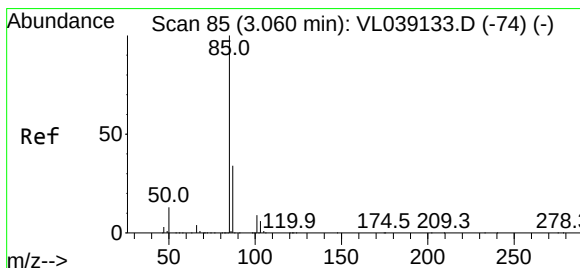
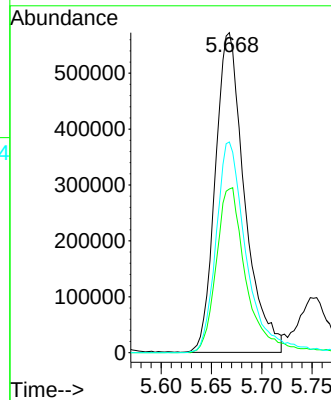
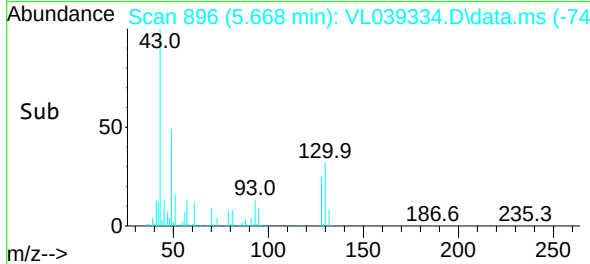
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 1158604
Ion Ratio Lower Upper
49 100
128 53.8 24.7 74.1
130 68.7 31.4 94.0

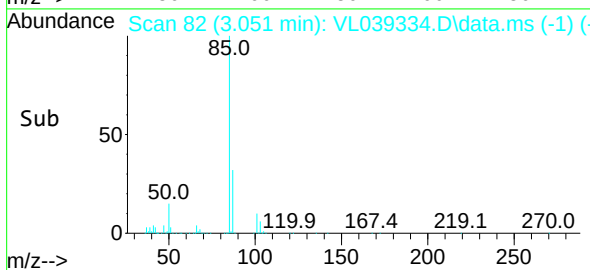
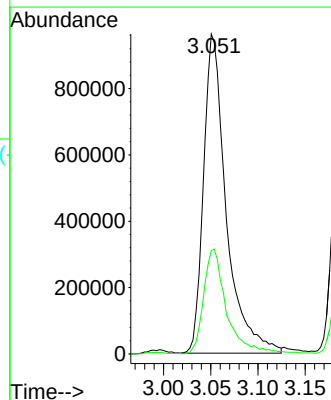
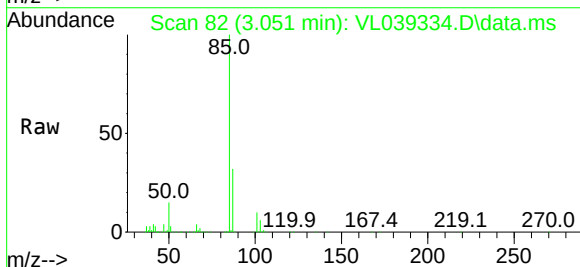
Manual Integrations
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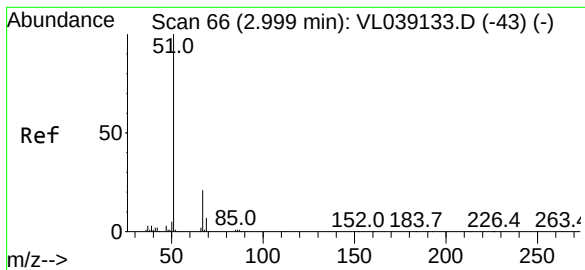
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 7.899 ppbv
RT: 3.051 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

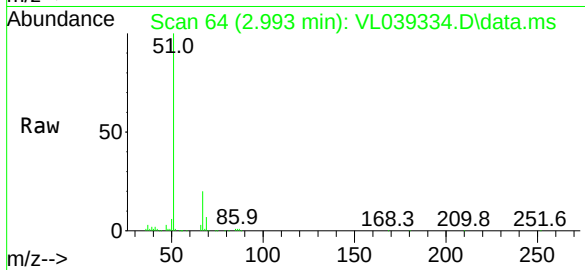
Tgt Ion: 85 Resp: 1607554
Ion Ratio Lower Upper
85 100
87 32.3 26.9 40.3





#3
Chlorodifluoromethane
Concen: 9.236 ppbv
RT: 2.993 min Scan# 64
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

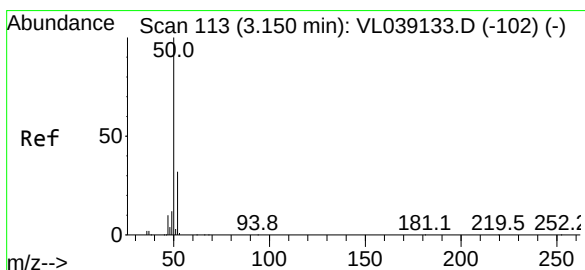
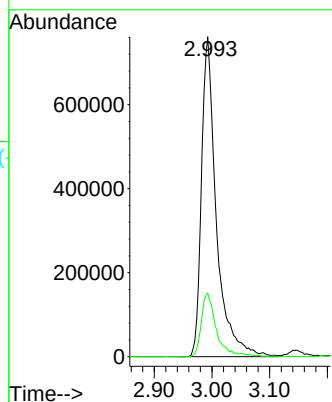
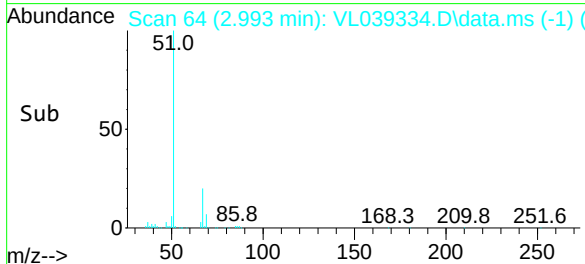
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1361610
Ion Ratio Lower Upper
51 100
67 20.3 16.2 24.4

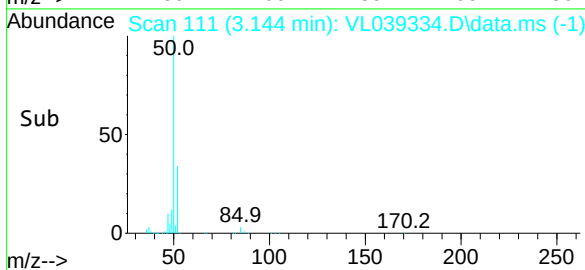
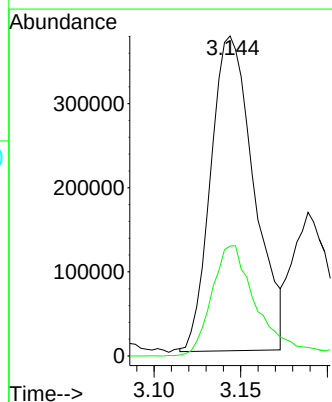
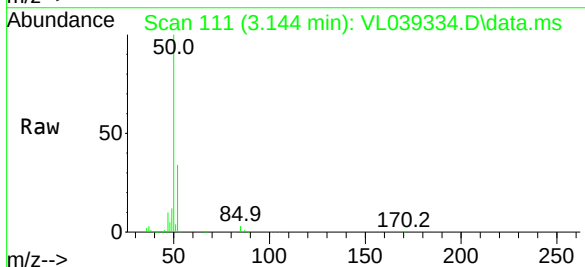
Manual Integrations
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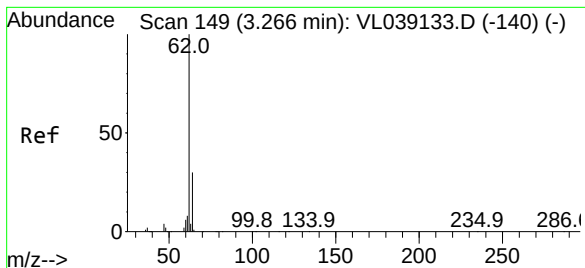
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Chloromethane
Concen: 8.599 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

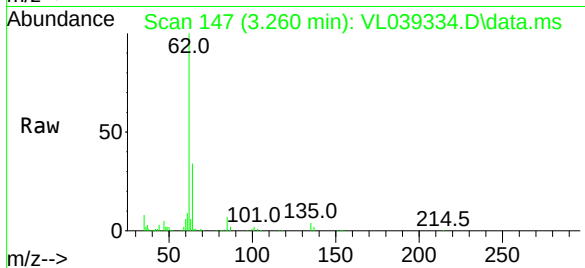
Tgt Ion: 50 Resp: 651166
Ion Ratio Lower Upper
50 100
52 34.9 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.745 ppbv
 RT: 3.260 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04

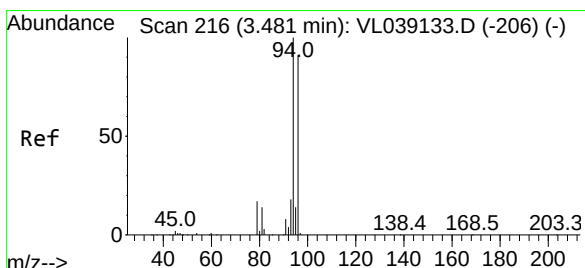
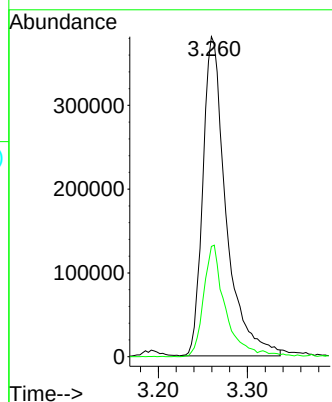
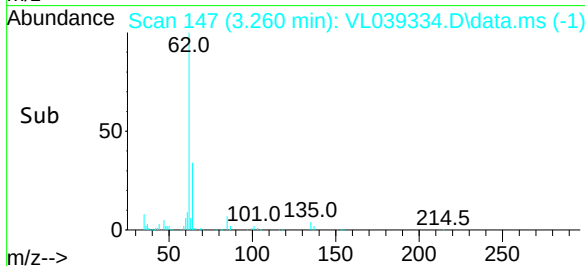
Instrument :
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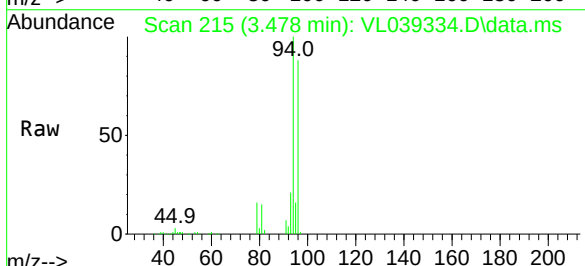
Tgt Ion: 62 Resp: 689794
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.2 36.2

Manual Integrations
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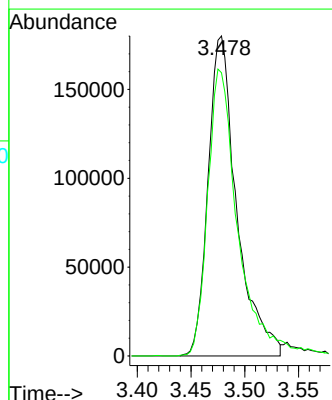
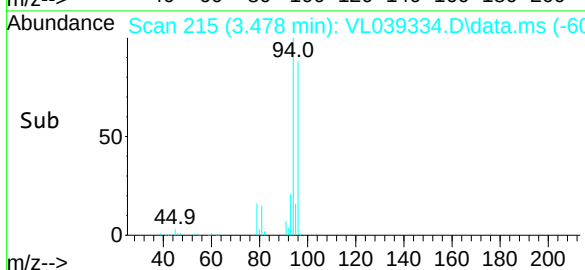
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

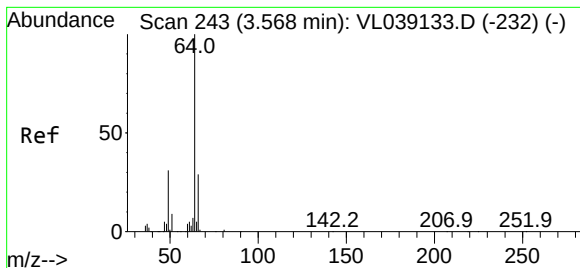


#6
 Bromomethane
 Concen: 9.567 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. -0.003 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04



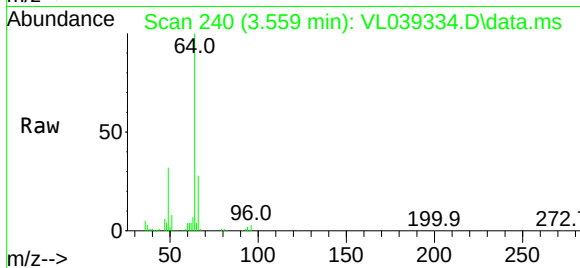
Tgt Ion: 94 Resp: 333144
 Ion Ratio Lower Upper
 94 100
 96 88.3 73.0 109.4





#7
Chloroethane
Concen: 10.290 ppbv
RT: 3.559 min Scan# 243
Delta R.T. -0.009 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

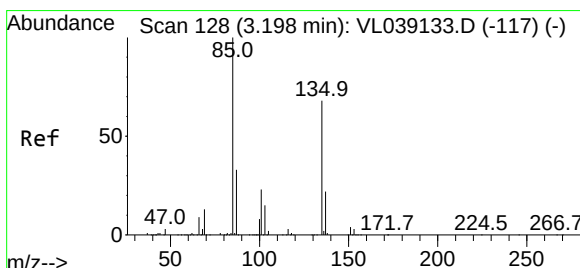
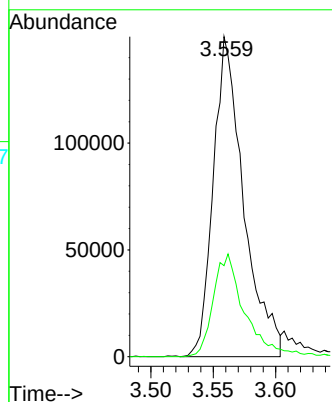
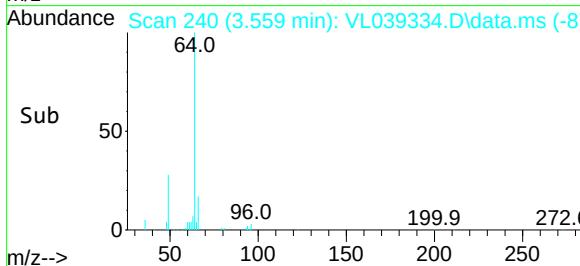
Instrument :
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Tgt Ion: 64 Resp: 25382
Ion Ratio Lower Upper
64 100
66 28.5 23.6 35.4

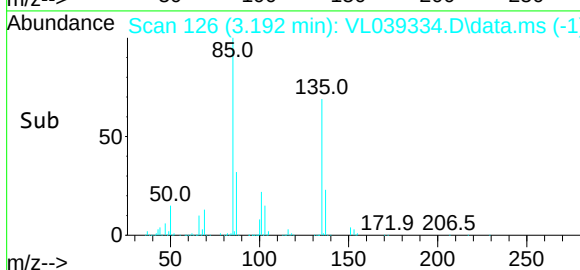
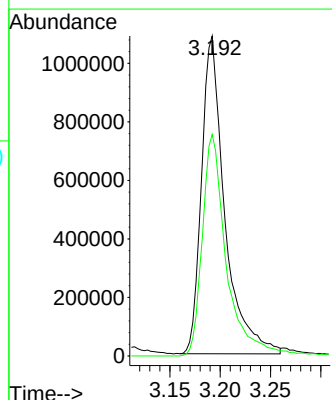
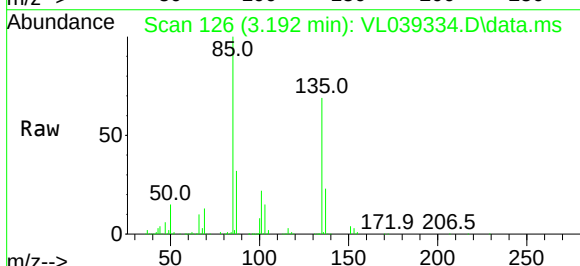
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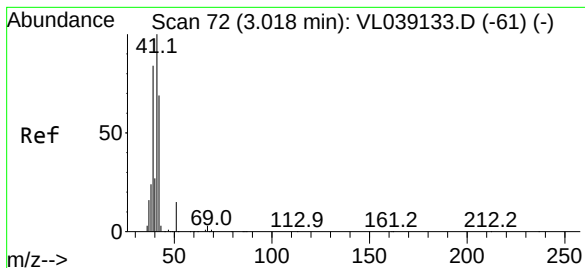
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Dichlorotetrafluoroethane
Concen: 9.375 ppbv
RT: 3.192 min Scan# 126
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

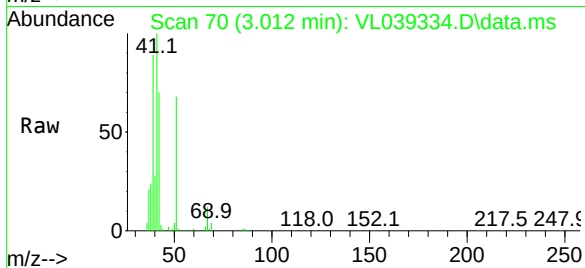
Tgt Ion: 85 Resp: 1743620
Ion Ratio Lower Upper
85 100
135 73.0 55.0 82.4





#9
 Propene
 Concen: 8.214 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04

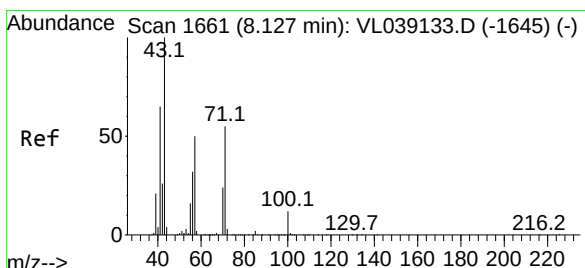
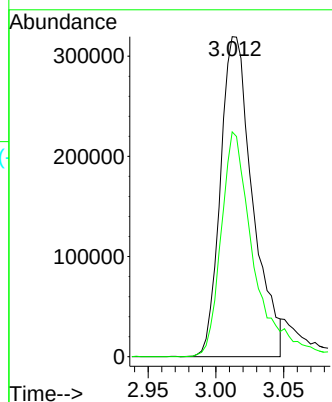
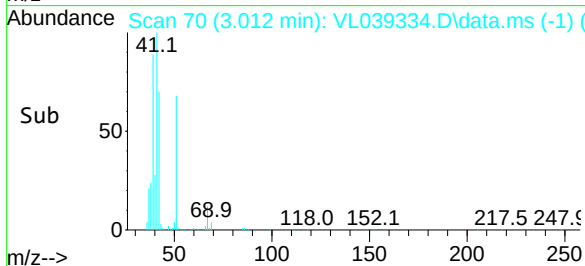
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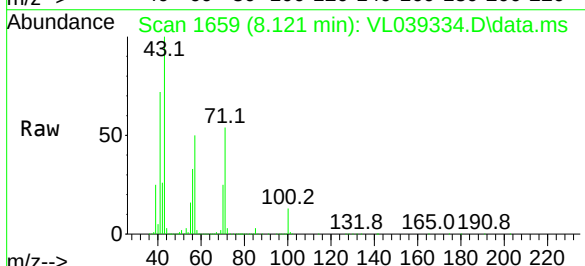
Tgt Ion: 41 Resp: 527989
 Ion Ratio Lower Upper
 41 100
 42 72.7 55.4 83.2

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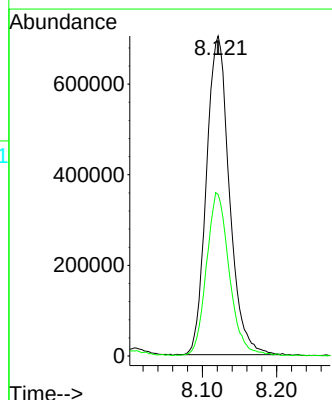
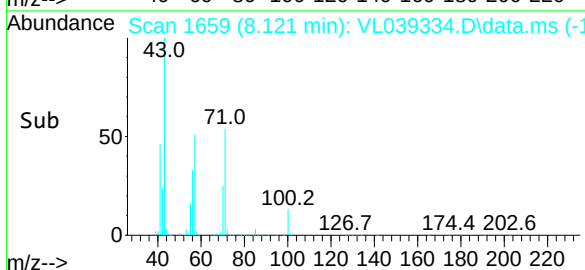
Reviewed By :Semsettin Yesilyurt 06/24/2022
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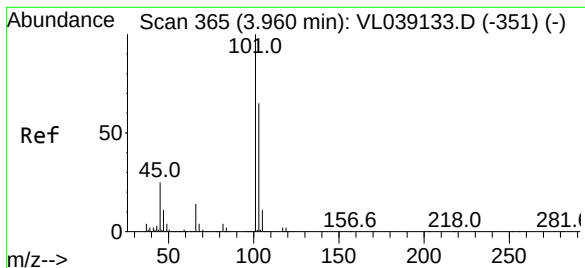


#10
 Heptane
 Concen: 10.086 ppbv
 RT: 8.121 min Scan# 1659
 Delta R.T. -0.006 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04



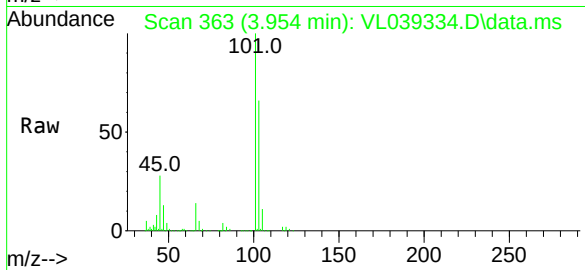
Tgt Ion: 43 Resp: 1512400
 Ion Ratio Lower Upper
 43 100
 57 50.6 41.4 62.2





#11
Trichlorofluoromethane
Concen: 9.706 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

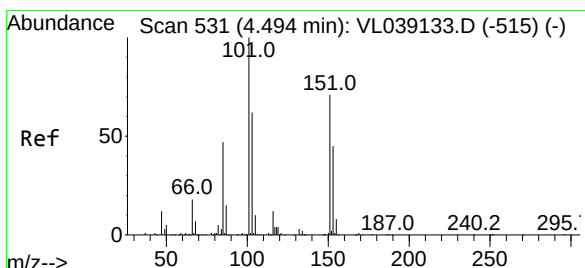
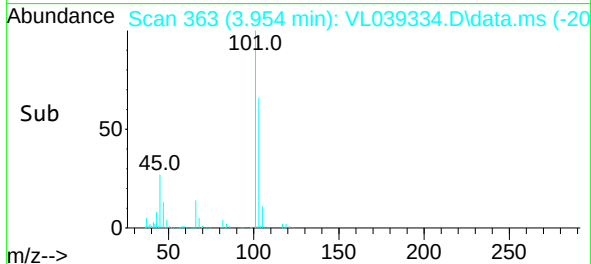
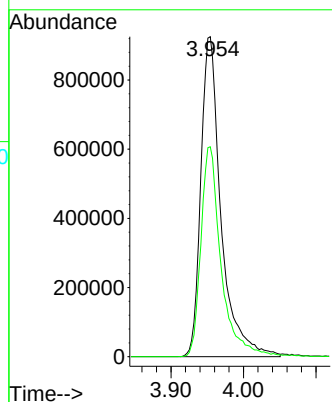
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1787919
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

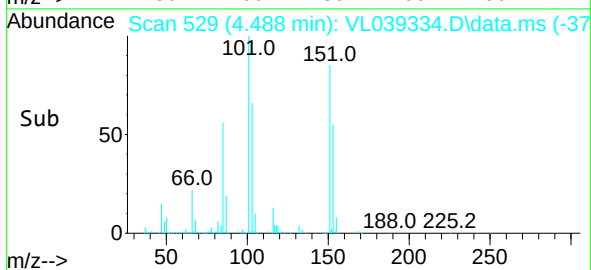
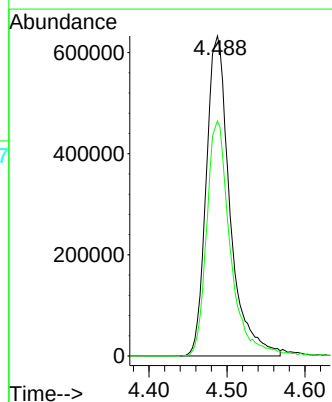
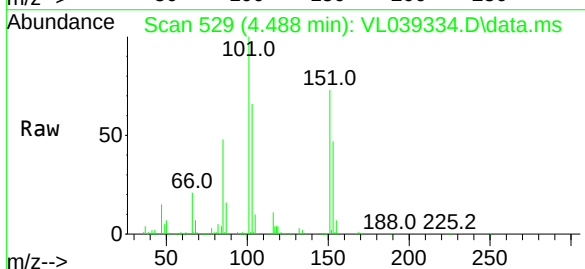
Manual Integrations
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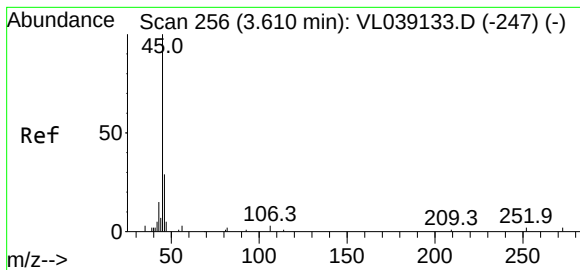
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.965 ppbv
RT: 4.488 min Scan# 529
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

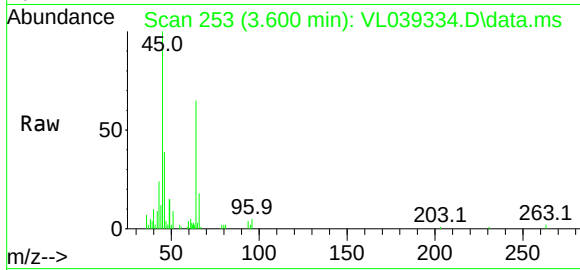
Tgt Ion:101 Resp: 1335742
Ion Ratio Lower Upper
101 100
151 73.8 59.4 89.0





#13
Ethanol
Concen: 9.739 ppbv m
RT: 3.600 min Scan# 247
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

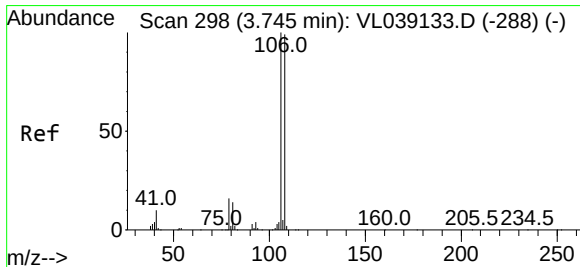
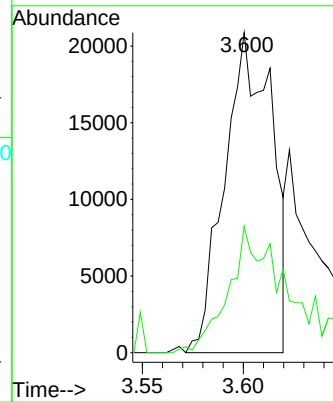
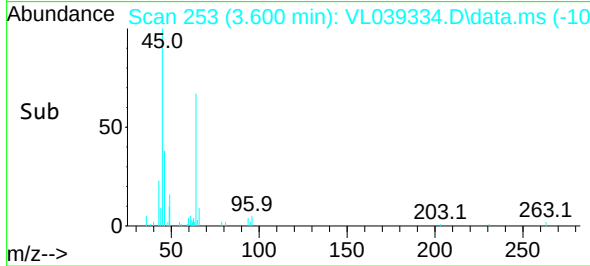
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 34139
Ion Ratio Lower Upper
45 100
46 52.8 0.0 0.0

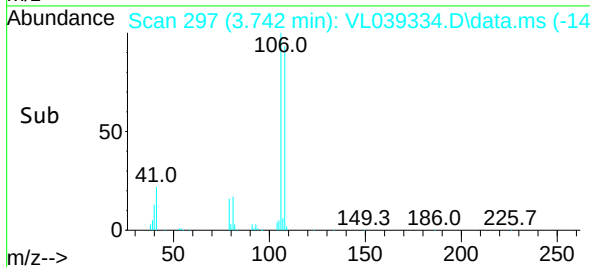
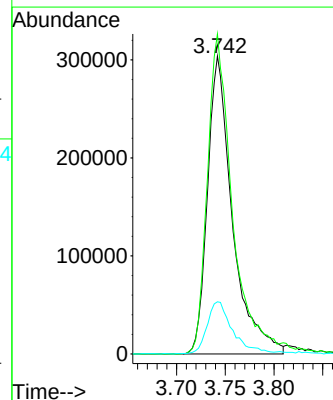
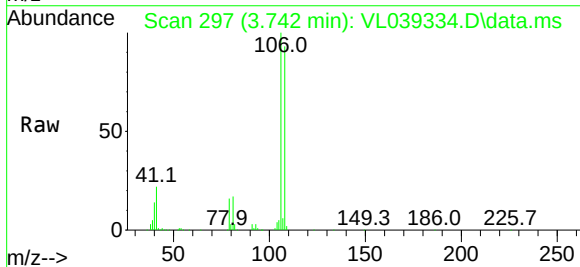
Manual Integrations
APPROVED

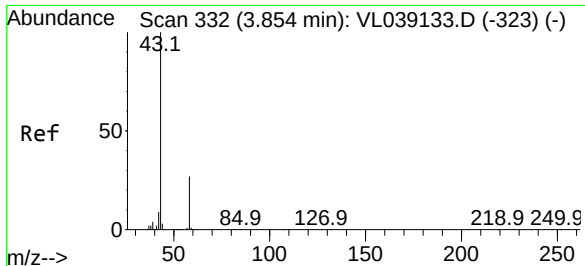
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#14
Bromoethene
Concen: 9.855 ppbv
RT: 3.742 min Scan# 297
Delta R.T. -0.003 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

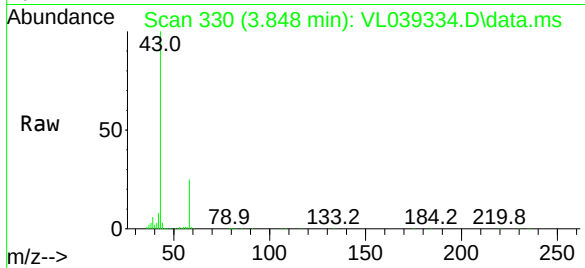
Tgt Ion:108 Resp: 539732
Ion Ratio Lower Upper
108 100
106 110.9 88.4 132.6
79 19.1 13.4 20.2





#15
Acetone
Concen: 12.586 ppbv
RT: 3.848 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

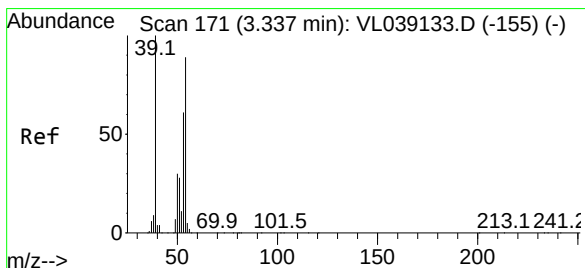
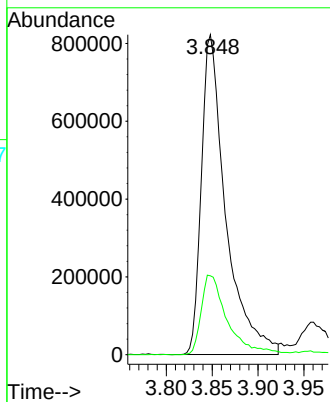
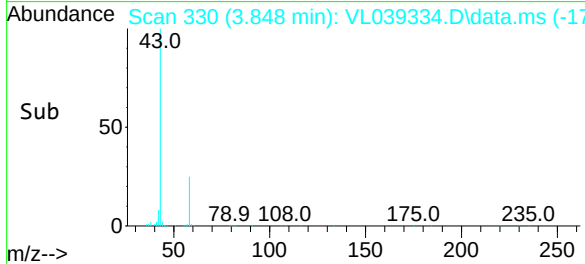
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 151897
Ion Ratio Lower Upper
43 100
58 26.8 22.5 33.7

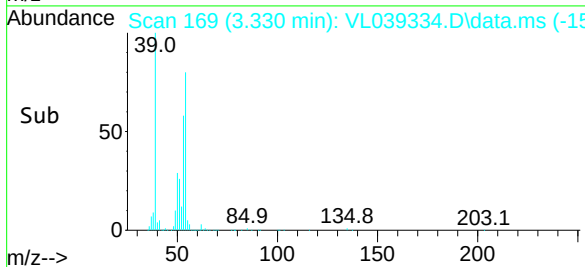
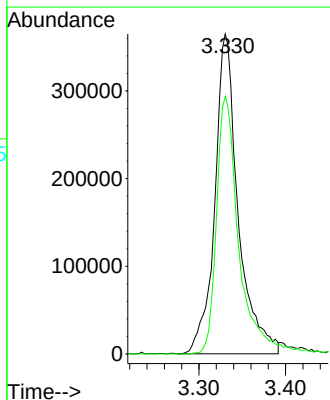
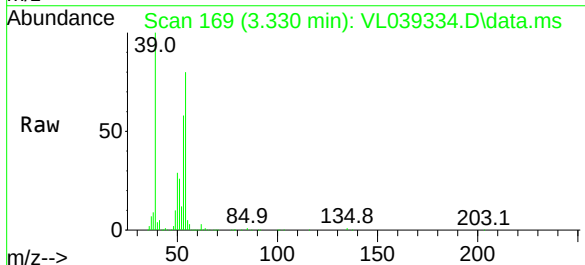
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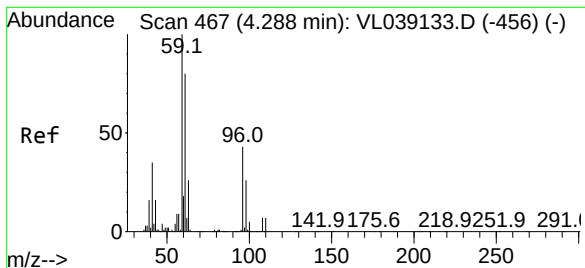
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
1,3-Butadiene
Concen: 10.533 ppbv
RT: 3.330 min Scan# 169
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

Tgt Ion: 39 Resp: 683392
Ion Ratio Lower Upper
39 100
54 78.1 65.8 98.6





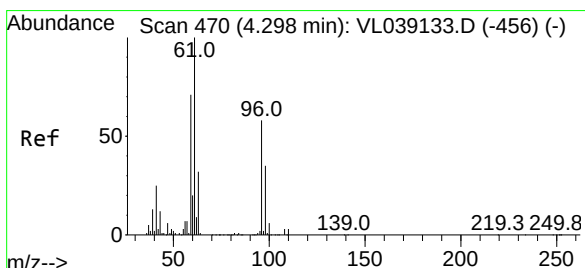
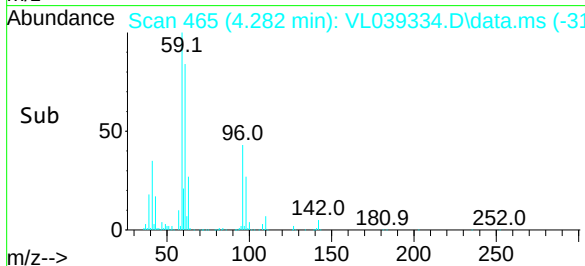
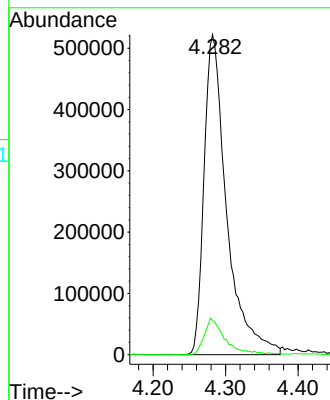
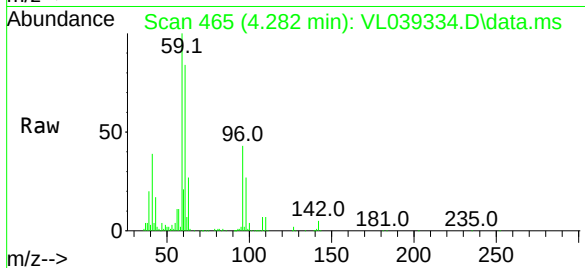
#17
tert-Butyl alcohol
Concen: 12.104 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1133090
Ion Ratio Lower Upper
59 100
57 11.1 9.1 13.7

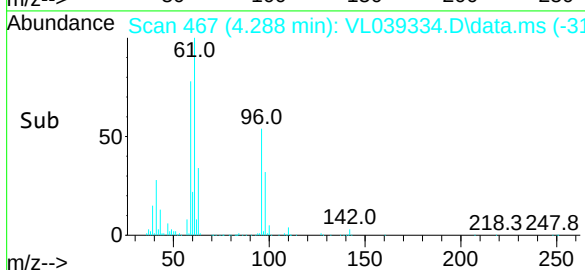
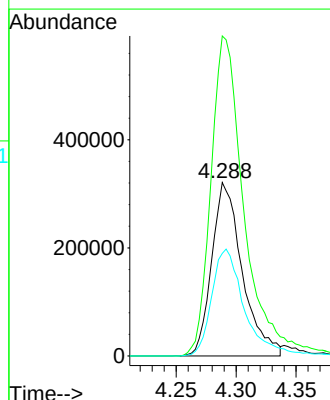
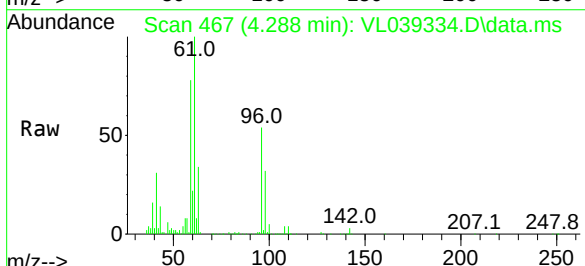
Manual Integrations
APPROVED

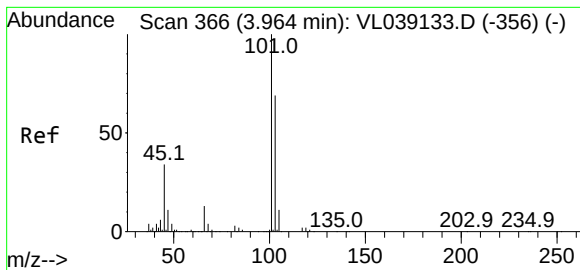
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
1,1-Dichloroethene
Concen: 10.407 ppbv
RT: 4.288 min Scan# 467
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

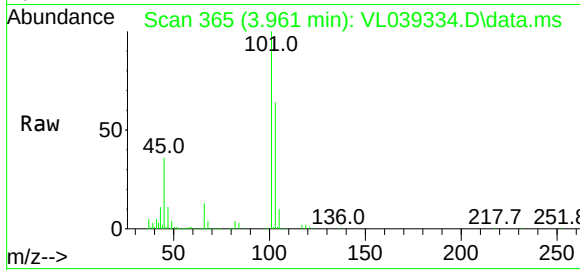
Tgt Ion: 96 Resp: 568695
Ion Ratio Lower Upper
96 100
61 184.5 138.4 207.6
98 59.2 47.8 71.8





#19
Isopropyl Alcohol
Concen: 10.843 ppbv
RT: 3.961 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

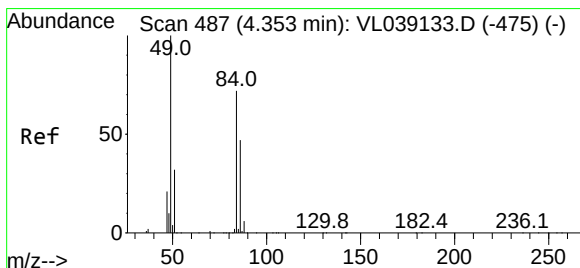
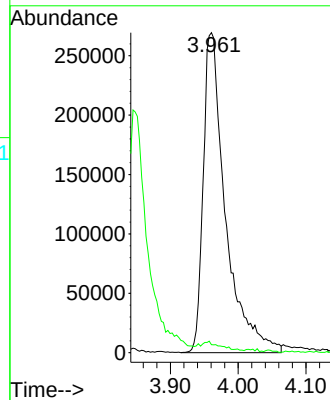
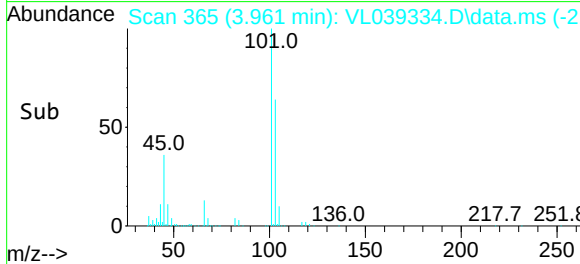
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 61379
Ion Ratio Lower Upper
45 100
58 2.9 1.8 2.8

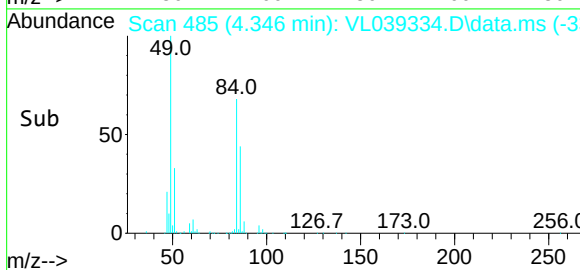
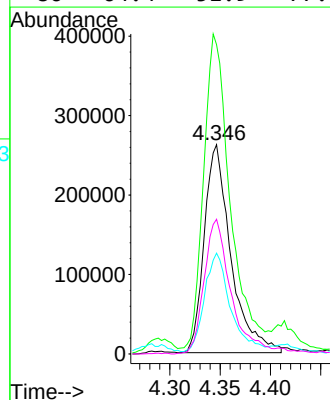
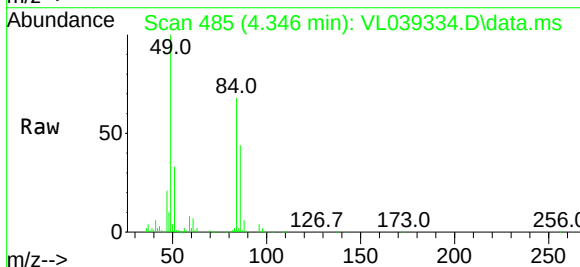
Manual Integrations
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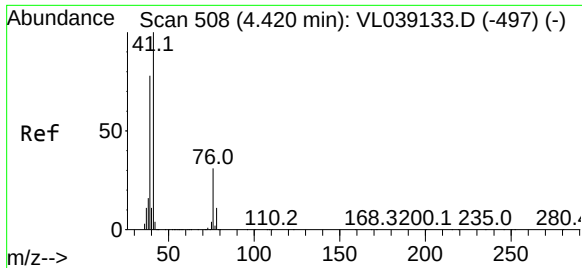
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 9.492 ppbv
RT: 4.346 min Scan# 485
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

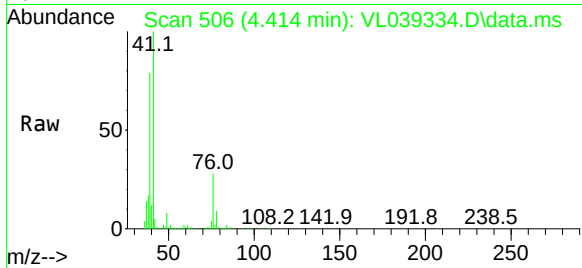
Tgt Ion: 84 Resp: 482765
Ion Ratio Lower Upper
84 100
49 145.8 111.1 166.7
51 47.3 35.3 52.9
86 64.4 51.9 77.9





#21
 Allyl Chloride
 Concen: 10.854 ppbv
 RT: 4.414 min Scan# 508
 Delta R.T. -0.006 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04

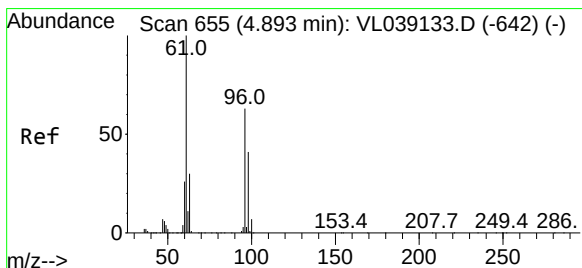
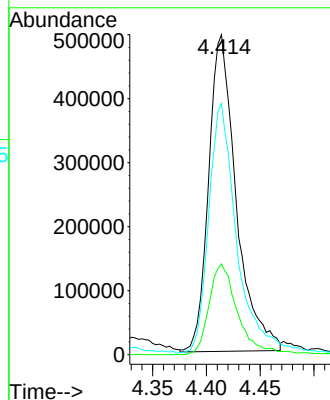
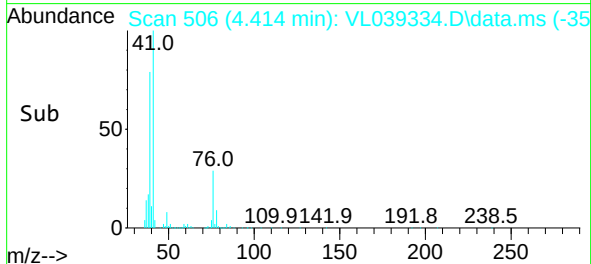
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 883654
 Ion Ratio Lower Upper
 41 100
 76 30.0 24.2 36.2
 39 80.3 62.2 93.2

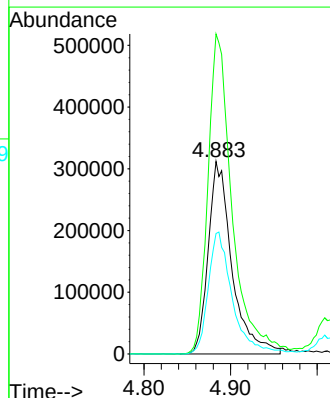
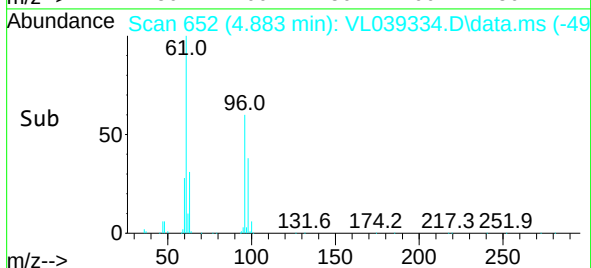
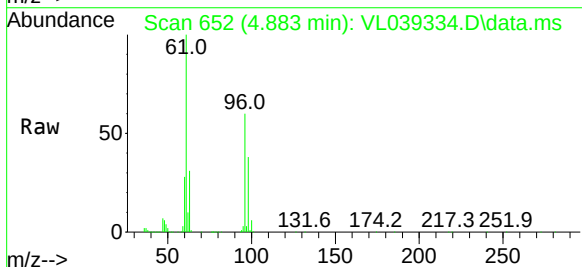
Manual Integrations
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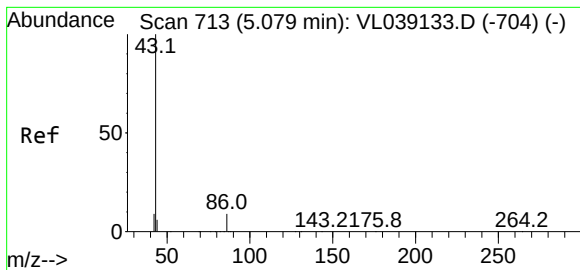
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.297 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.010 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04

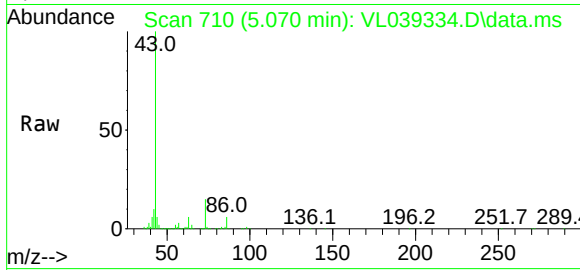
Tgt Ion: 96 Resp: 593986
 Ion Ratio Lower Upper
 96 100
 61 166.3 126.6 190.0
 98 62.6 52.5 78.7





#23
 Vinyl Acetate
 Concen: 8.942 ppbv
 RT: 5.070 min Scan# 713
 Delta R.T. -0.010 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

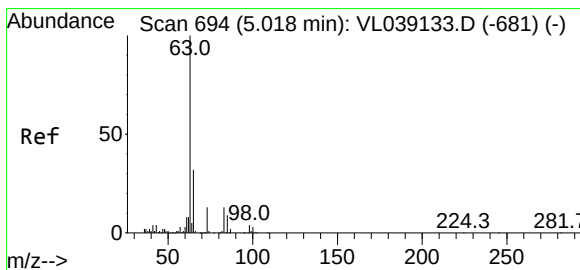
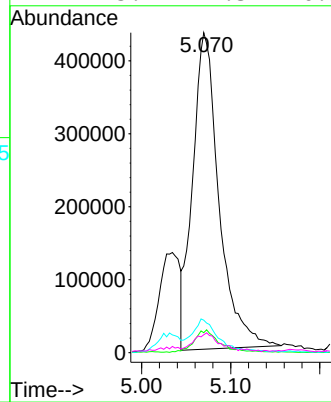
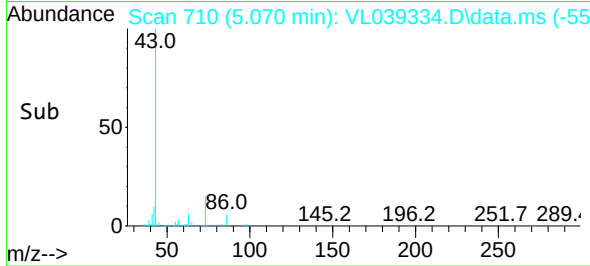


Tgt Ion: 43 Resp: 89294

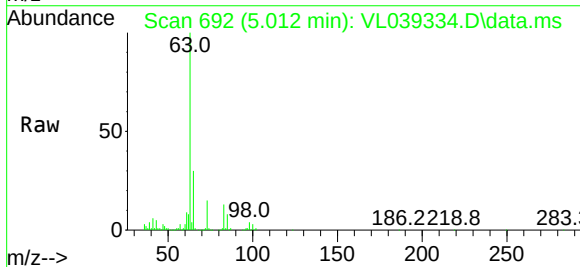
Ion	Ratio	Lower	Upper
43	100		
86	6.1	6.0	9.0
42	10.0	8.2	12.4
44	5.2	4.3	6.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

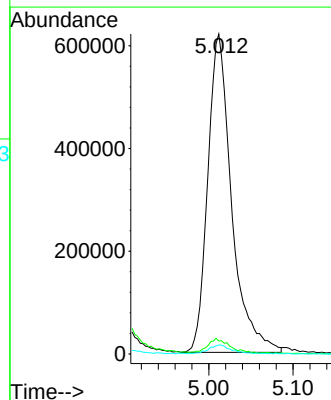
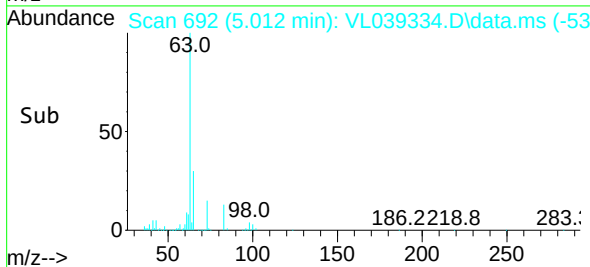


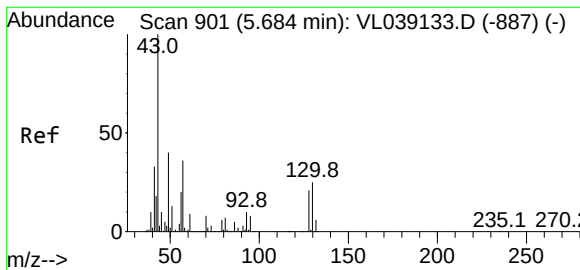
#24
 1,1-Dichloroethane
 Concen: 8.929 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04



Tgt Ion: 63 Resp: 1221598

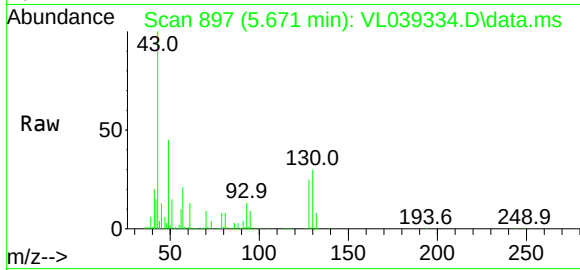
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.2
100	2.7	1.5	4.5





#25
Ethyl Acetate
Concen: 10.887 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

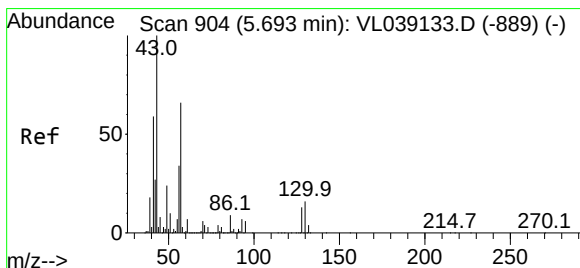
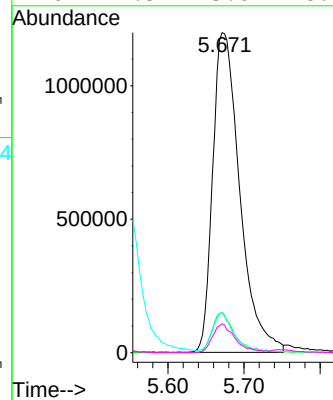
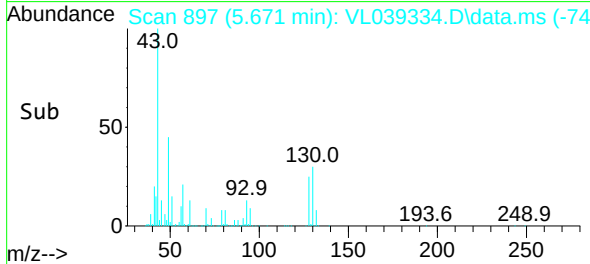


Tgt Ion: 43 Resp: 296158

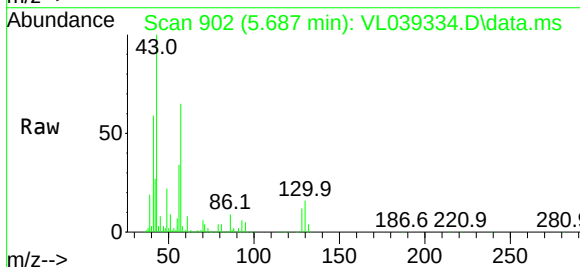
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.2
61	10.5	8.4	12.6
70	7.5	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

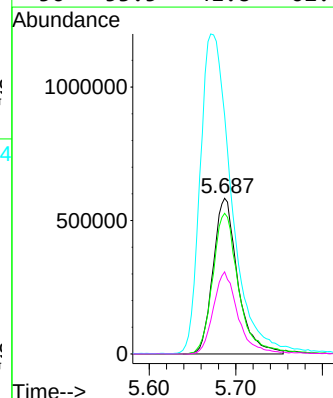
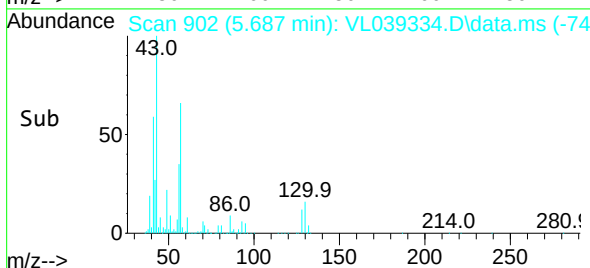


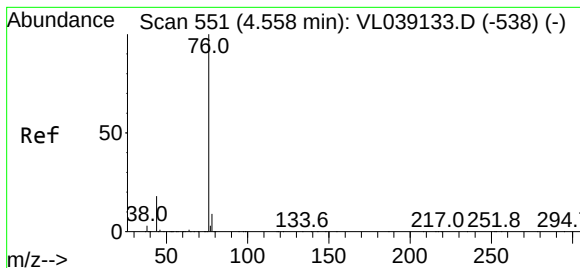
#26
Hexane
Concen: 9.665 ppbv
RT: 5.687 min Scan# 902
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04



Tgt Ion: 57 Resp: 1155294

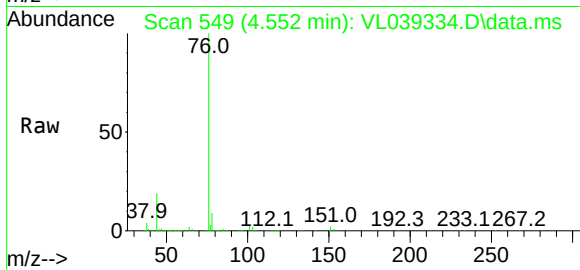
Ion	Ratio	Lower	Upper
57	100		
41	96.3	72.4	108.6
43	261.8	187.0	280.6
56	53.5	41.8	62.6





#27
Carbon Disulfide
Concen: 11.265 ppbv
RT: 4.552 min Scan# 54
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

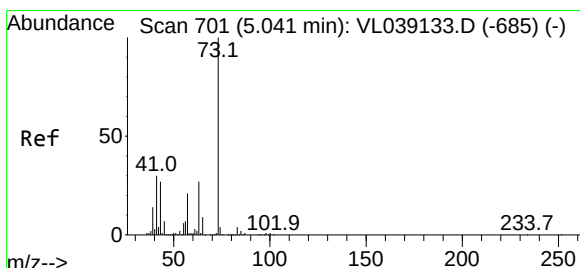
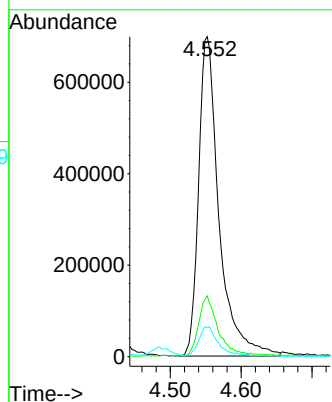
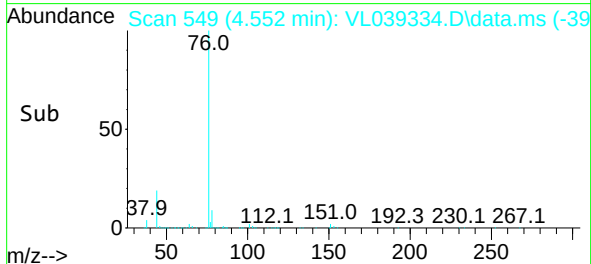
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 139571
Ion Ratio Lower Upper
76 100
44 18.2 14.4 21.6
78 9.7 7.7 11.5

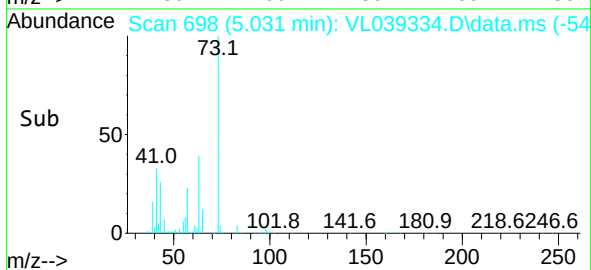
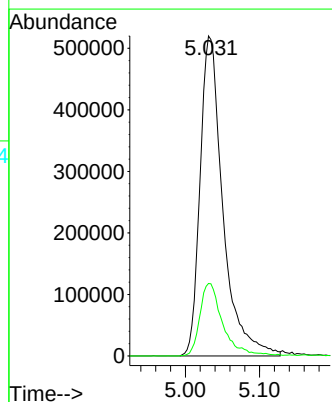
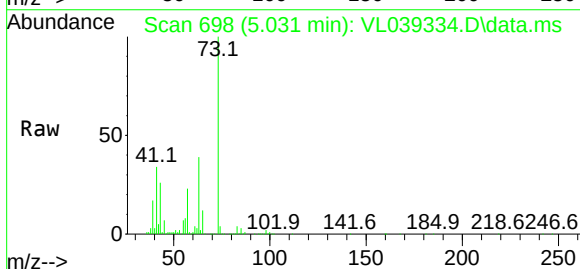
Manual Integrations
APPROVED

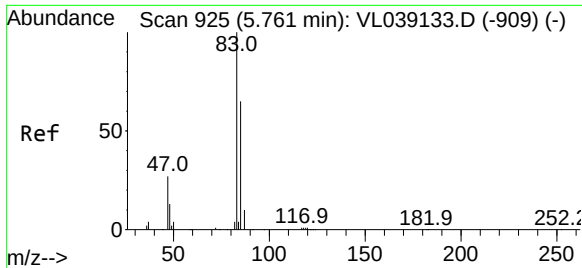
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#28
Methyl tert-Butyl Ether
Concen: 8.411 ppbv
RT: 5.031 min Scan# 698
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

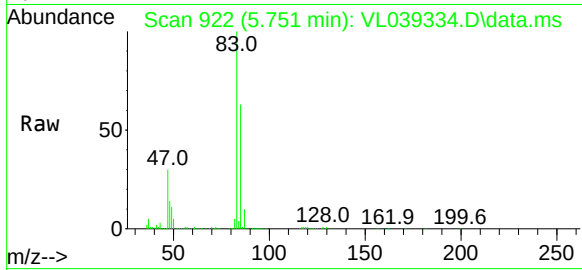
Tgt Ion: 73 Resp: 1109921
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8





#29
Chloroform
Concen: 9.385 ppbv
RT: 5.751 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

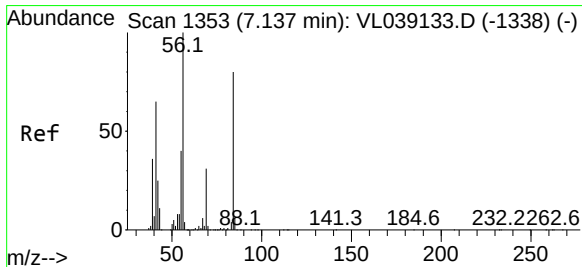
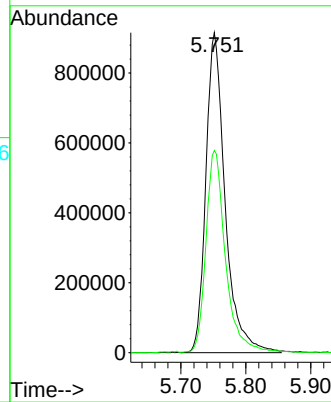
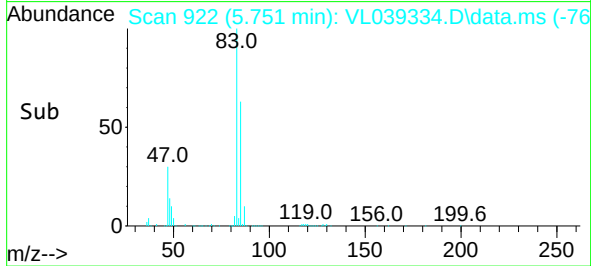
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



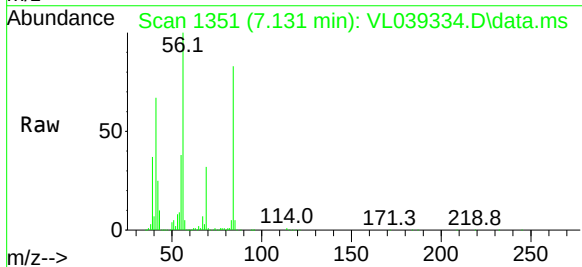
Tgt Ion: 83 Resp: 188781
Ion Ratio Lower Upper
83 100
85 63.0 52.4 78.6

Manual Integrations
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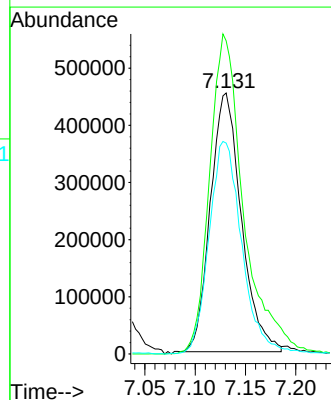
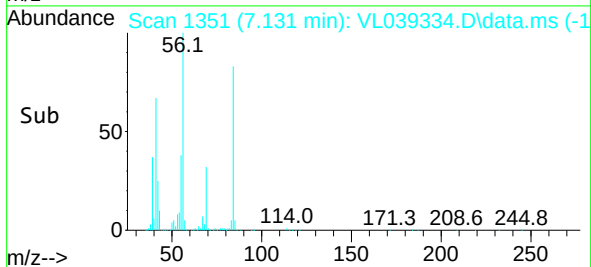
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

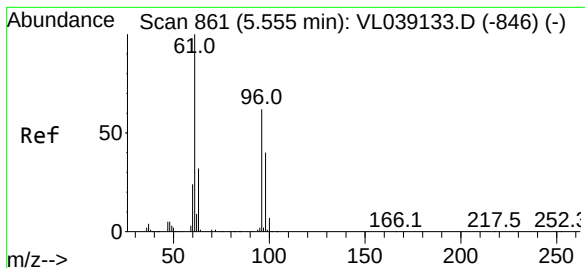


#30
Cyclohexane
Concen: 9.665 ppbv
RT: 7.131 min Scan# 1351
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04



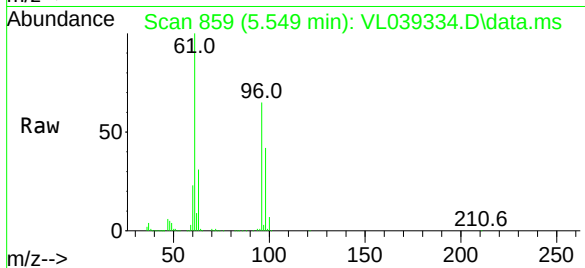
Tgt Ion: 84 Resp: 970621
Ion Ratio Lower Upper
84 100
56 136.9 110.6 165.8
41 87.2 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 9.192 ppbv
RT: 5.549 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

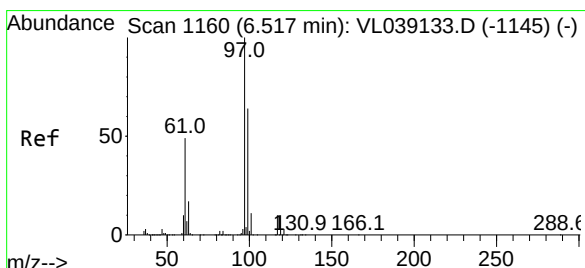
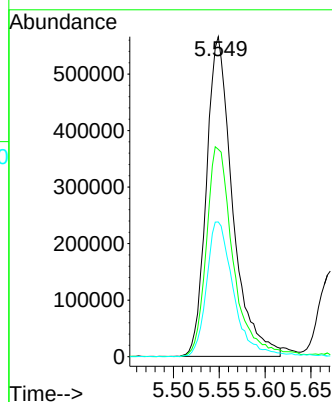
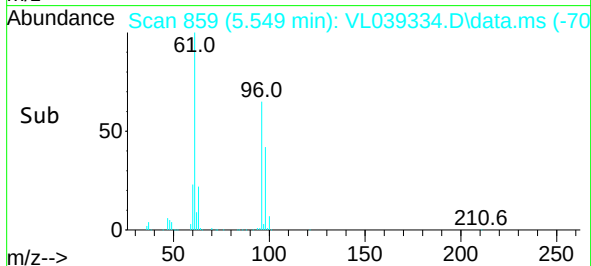
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 61 Resp: 1120432
Ion Ratio Lower Upper
61 100
96 64.8 49.9 74.9
98 42.2 32.0 48.0

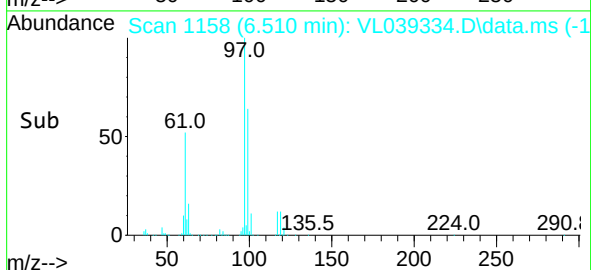
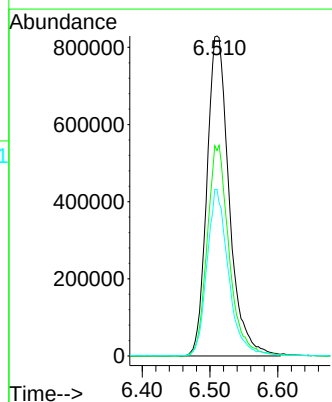
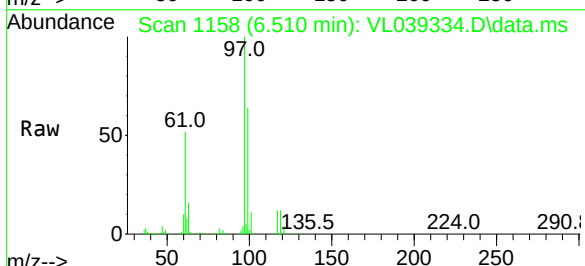
Manual Integrations
APPROVED

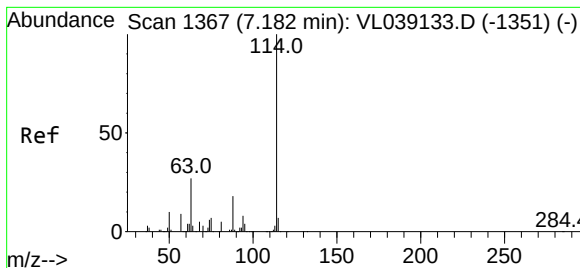
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#32
1,1,1-Trichloroethane
Concen: 9.615 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

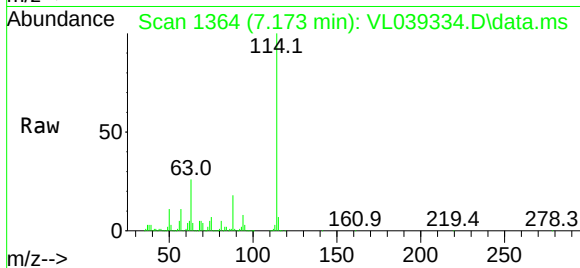
Tgt Ion: 97 Resp: 1892462
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 50.4 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

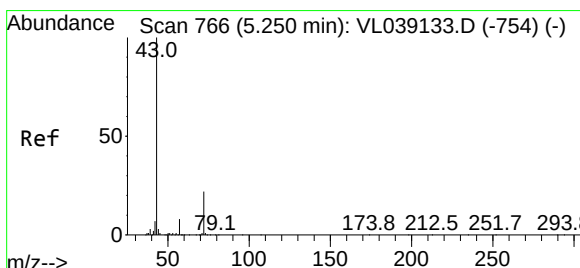
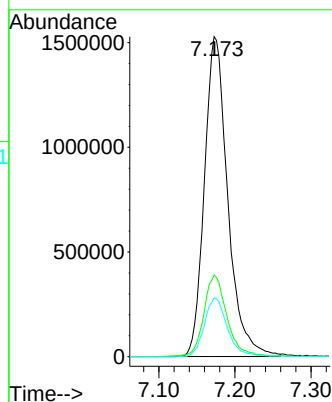
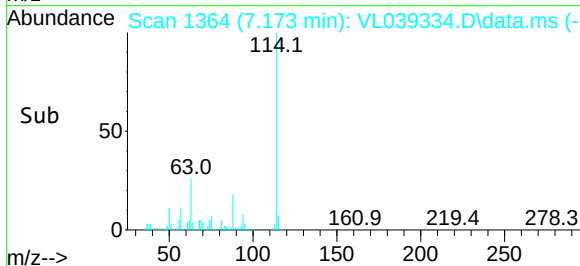
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 3258029
Ion Ratio Lower Upper
114 100
63 25.5 21.7 32.5
88 18.2 14.8 22.2

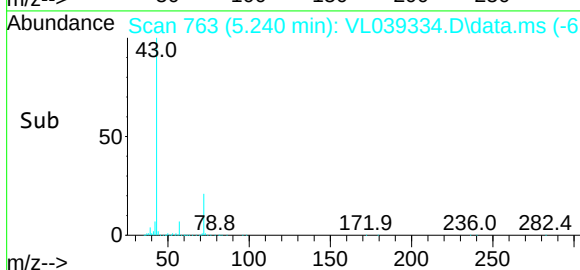
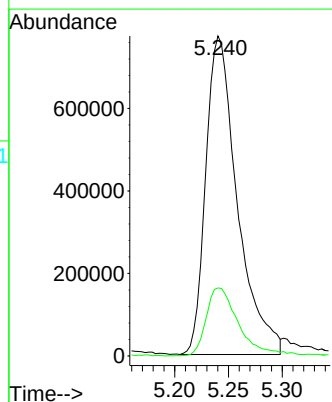
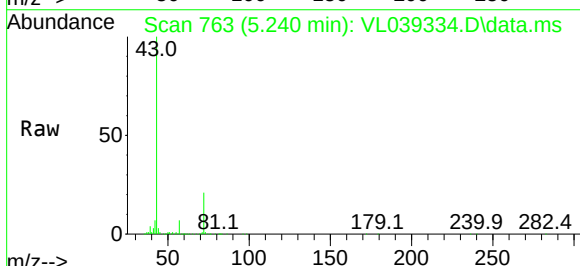
Manual Integrations
APPROVED

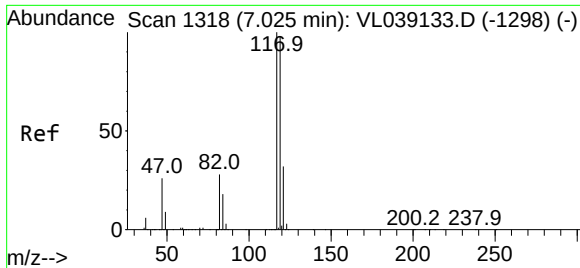
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#34
2-Butanone
Concen: 8.906 ppbv
RT: 5.240 min Scan# 763
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

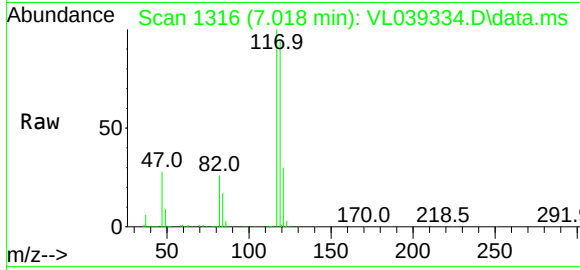
Tgt Ion: 43 Resp: 1576442
Ion Ratio Lower Upper
43 100
72 22.8 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.415 ppbv
RT: 7.018 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

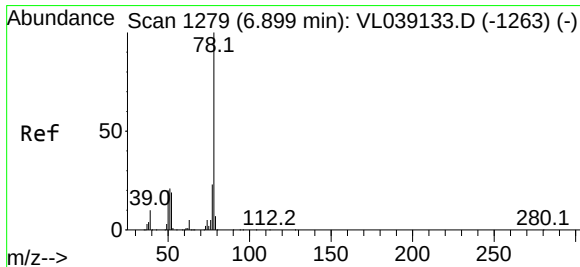
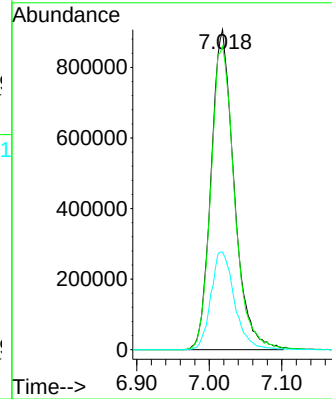
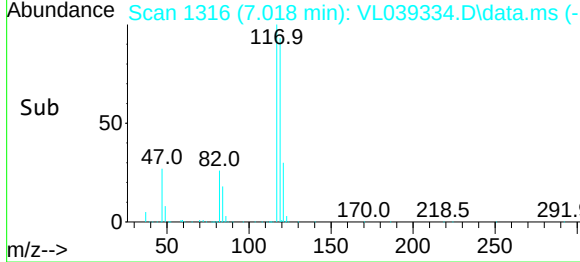
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



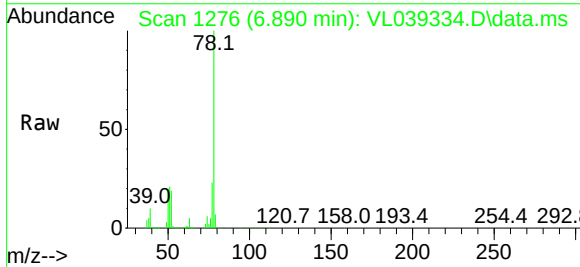
Tgt Ion:117 Resp: 2001159
Ion Ratio Lower Upper
117 100
119 94.7 78.6 118.0
121 30.5 25.4 38.0

Manual Integrations
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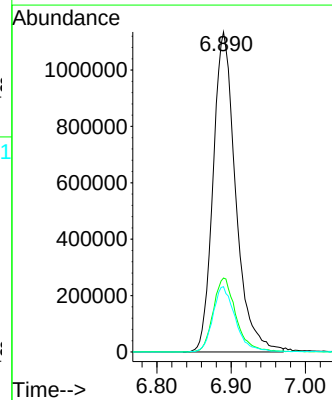
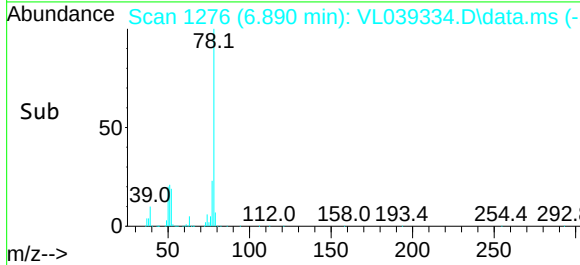
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

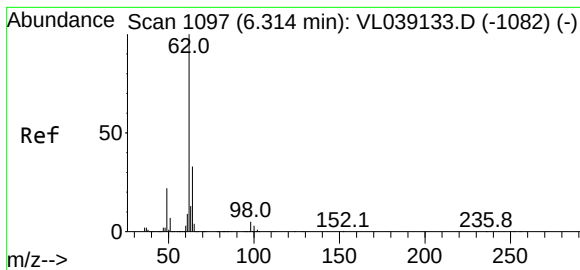


#36
Benzene
Concen: 9.062 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04



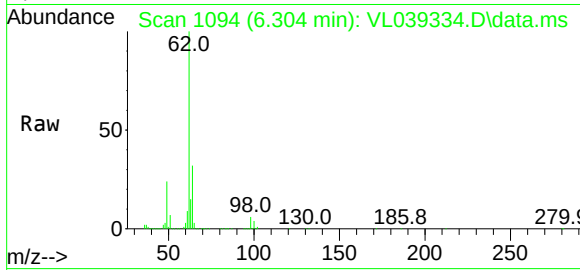
Tgt Ion: 78 Resp: 2396904
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8
50 20.4 15.8 23.8





#37
1,2-Dichloroethane
Concen: 8.177 ppbv
RT: 6.304 min Scan# 1097
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

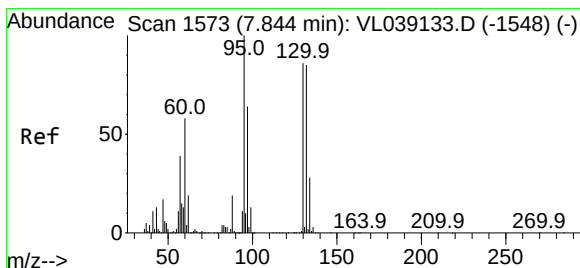
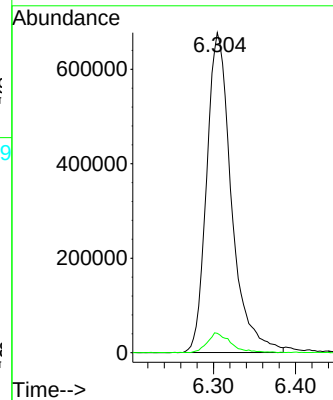
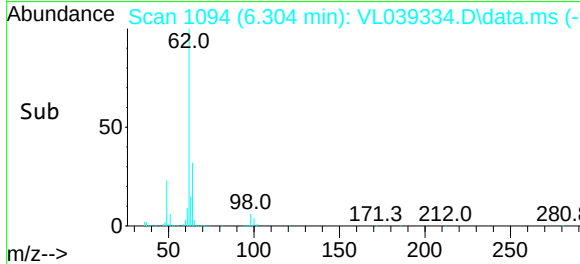
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 142335
Ion Ratio Lower Upper
62 100
98 6.0 4.3 6.5

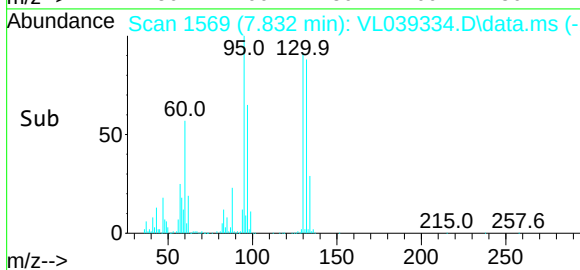
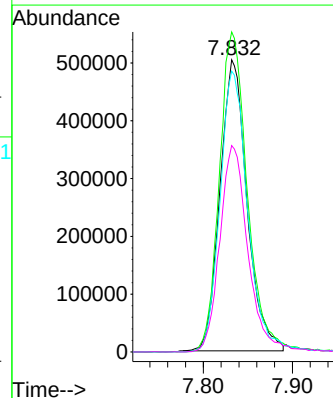
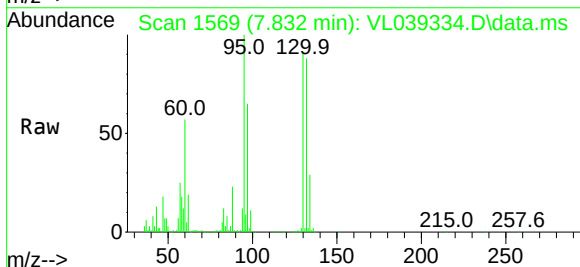
Manual Integrations
APPROVED

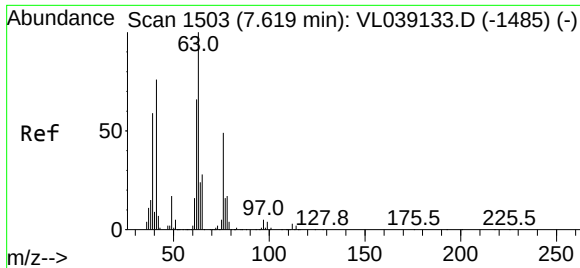
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Trichloroethene
Concen: 8.719 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.013 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

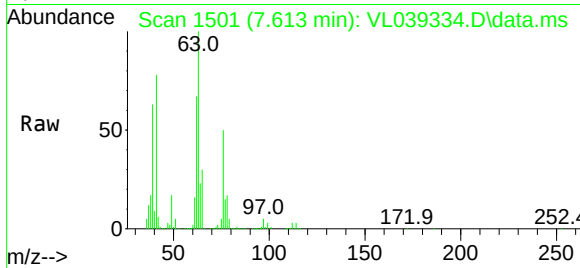
Tgt Ion:130 Resp: 1059260
Ion Ratio Lower Upper
130 100
95 109.9 93.3 139.9
132 96.5 79.0 118.4
97 70.9 59.4 89.2





#39
1,2-Dichloropropane
Concen: 8.440 ppbv
RT: 7.613 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

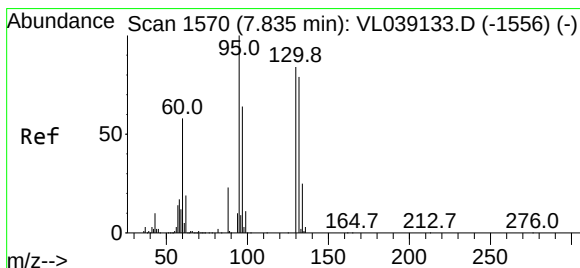
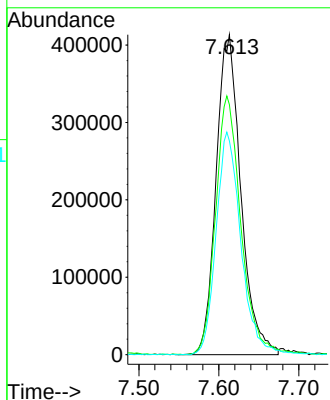
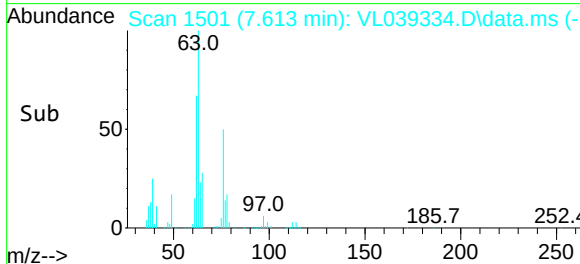
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 887997
Ion Ratio Lower Upper
63 100
41 78.1 60.8 91.2
62 66.8 52.9 79.3

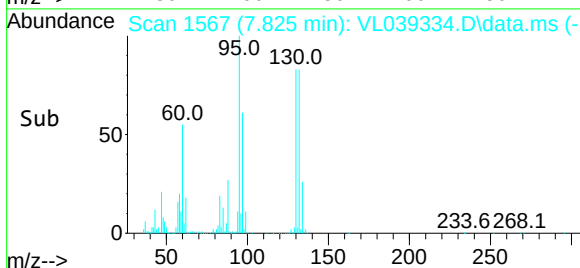
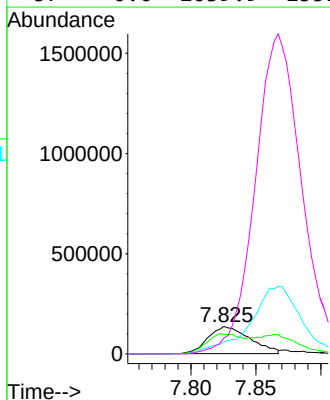
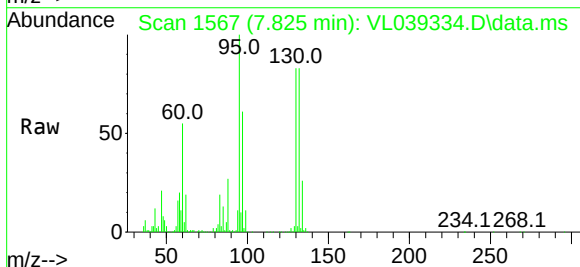
Manual Integrations
APPROVED

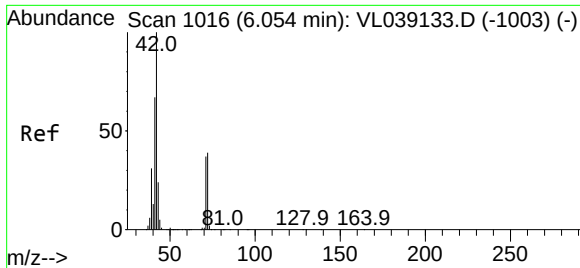
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#40
1,4-Dioxane
Concen: 8.746 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

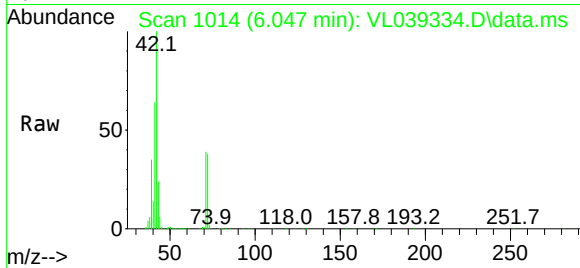
Tgt Ion: 88 Resp: 302940
Ion Ratio Lower Upper
88 100
58 66.7 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 8.482 ppbv
RT: 6.047 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

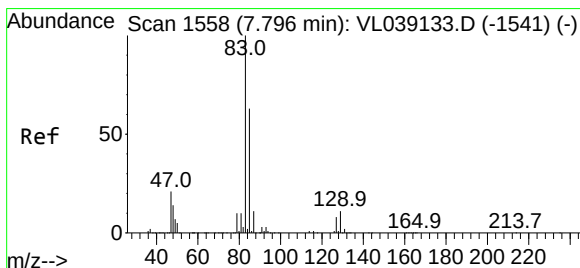
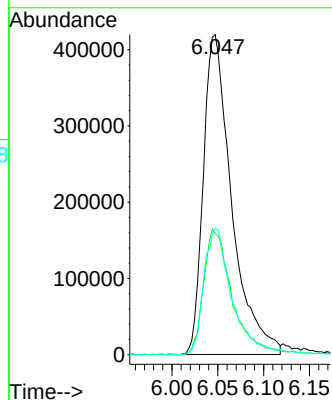
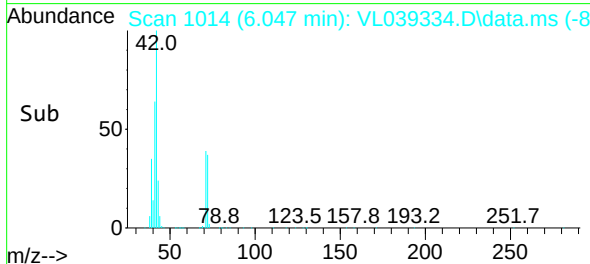
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



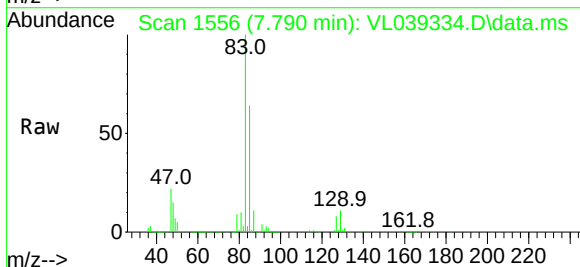
Tgt Ion: 42 Resp: 90296
Ion Ratio Lower Upper
42 100
72 40.2 32.0 48.0
71 39.9 31.1 46.7

Manual Integrations
APPROVED

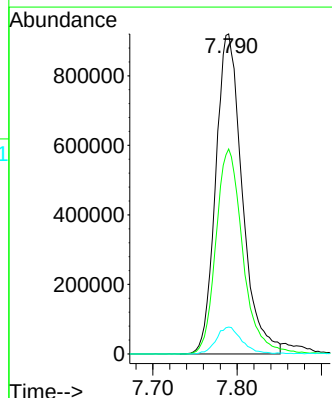
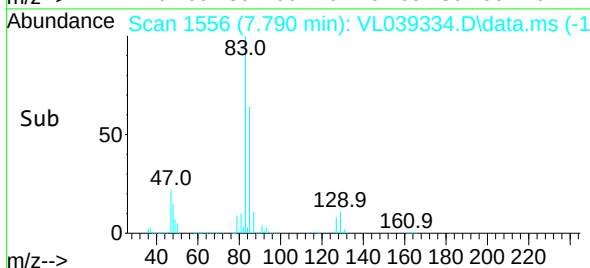
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

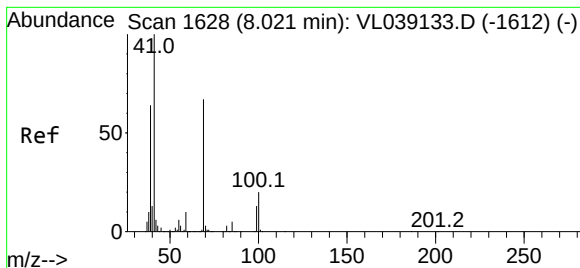


#42
Bromodichloromethane
Concen: 8.331 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04



Tgt Ion: 83 Resp: 2012579
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 8.4 6.6 9.8





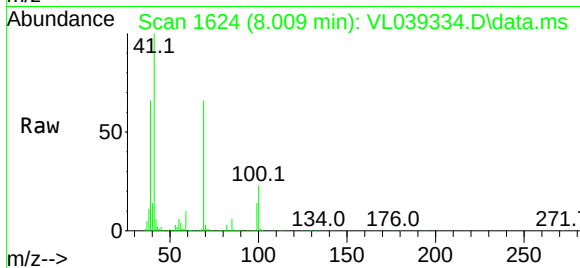
#43
Methyl Methacrylate
Concen: 9.978 ppbv
RT: 8.009 min Scan# 1624
Delta R.T. -0.013 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

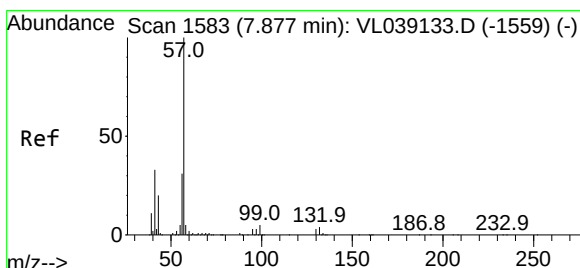
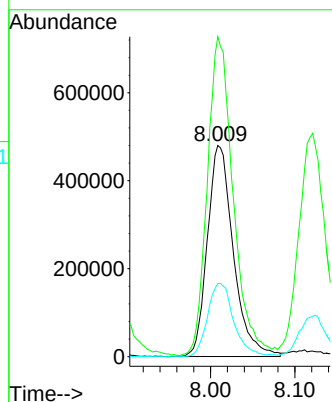
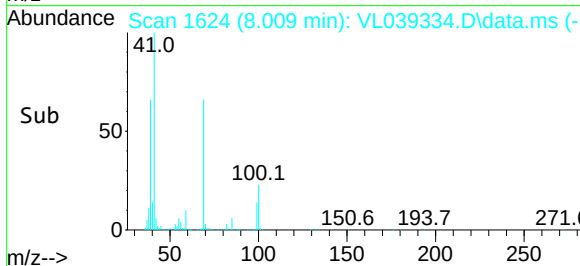


Tgt Ion: 69 Resp: 1028070
Ion Ratio Lower Upper
69 100
41 151.2 121.9 182.9
100 35.2 24.1 36.1

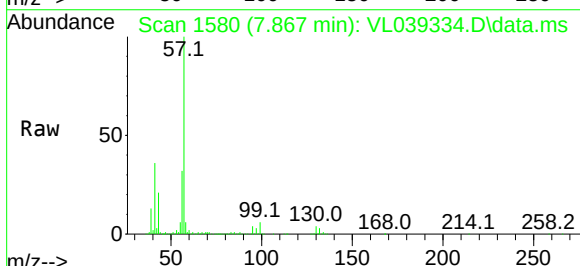
Manual Integrations

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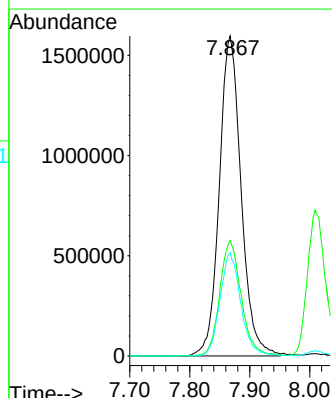
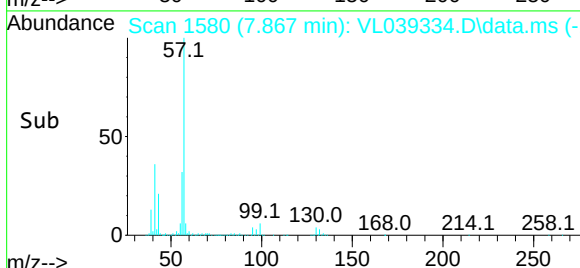
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

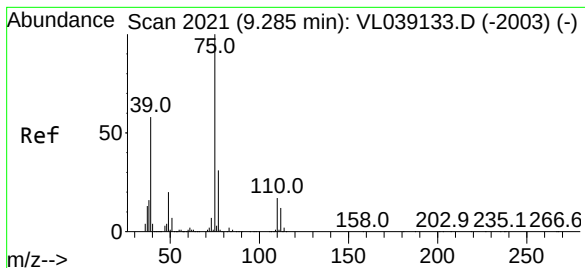


#44
2,2,4-Trimethylpentane
Concen: 8.689 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04



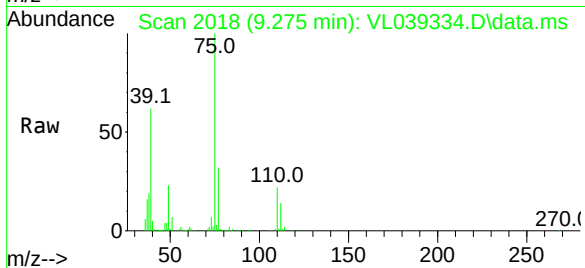
Tgt Ion: 57 Resp: 4020760
Ion Ratio Lower Upper
57 100
41 35.4 26.2 39.4
56 30.8 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 7.365 ppbv
RT: 9.275 min Scan# 2021
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

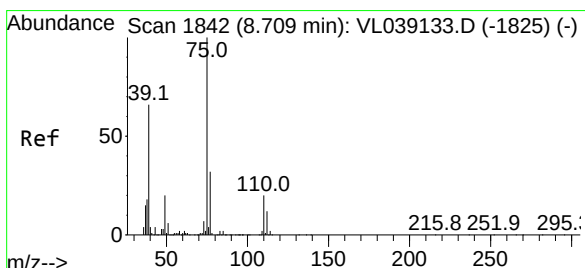
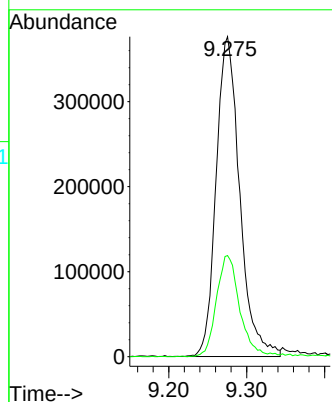
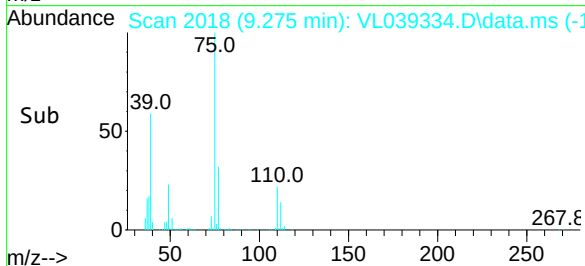
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



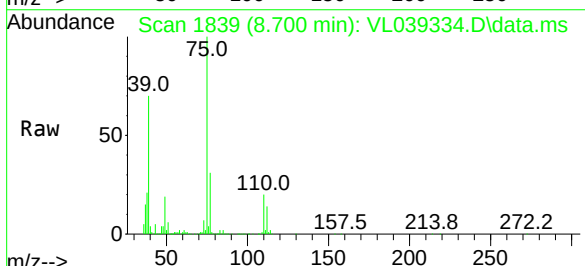
Tgt Ion: 75 Resp: 790289
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6

Manual Integrations
APPROVED

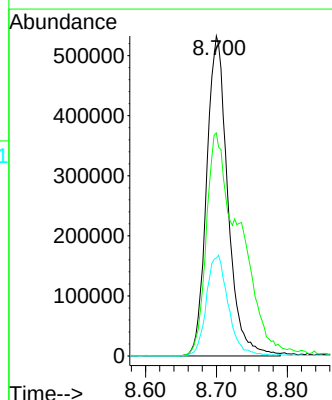
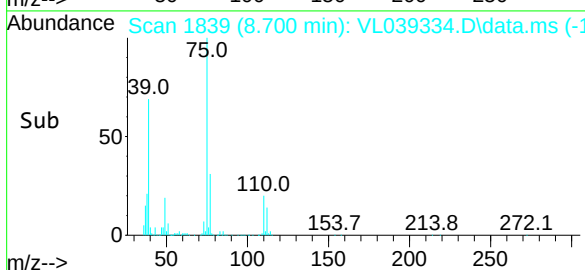
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

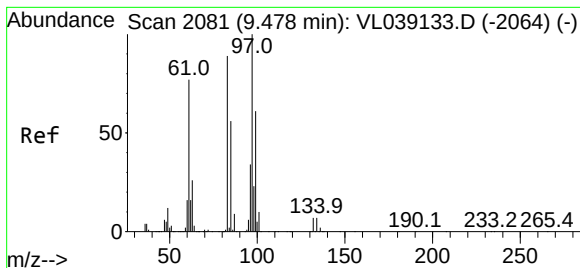


#46
cis-1,3-Dichloropropene
Concen: 7.813 ppbv
RT: 8.700 min Scan# 1839
Delta R.T. -0.009 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04



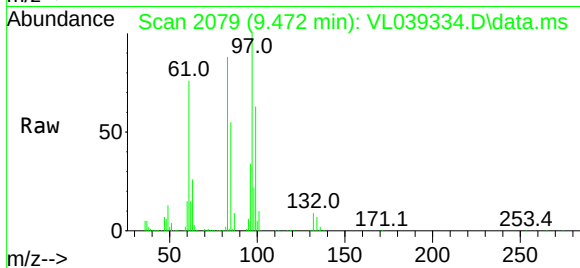
Tgt Ion: 75 Resp: 1107479
Ion Ratio Lower Upper
75 100
39 69.6 52.4 78.6
77 30.6 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 9.284 ppbv
RT: 9.472 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

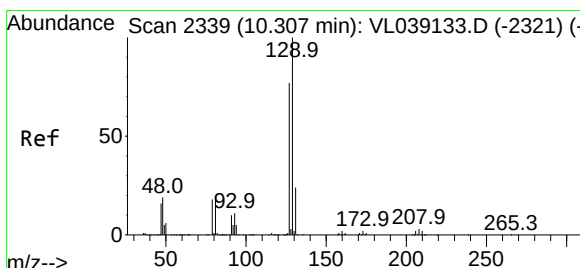
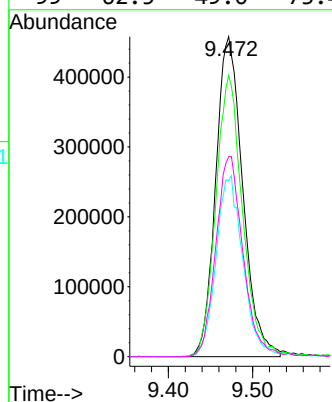
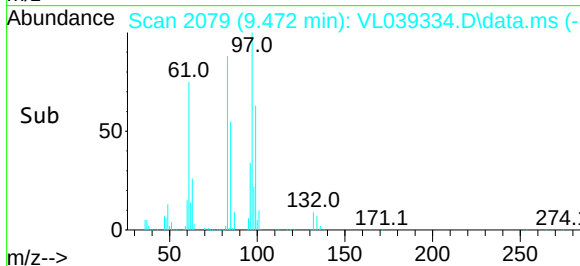
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 101904
Ion Ratio Lower Upper
97 100
83 87.9 71.6 107.4
85 55.1 44.8 67.2
99 62.5 49.0 73.4

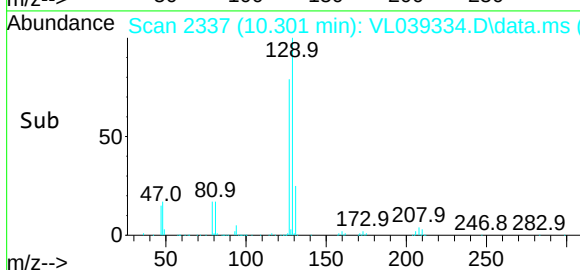
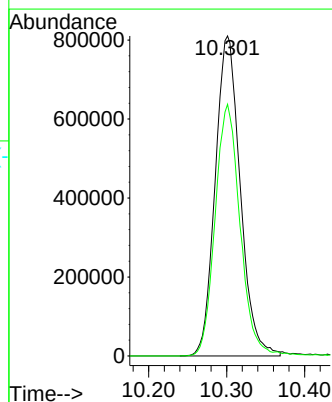
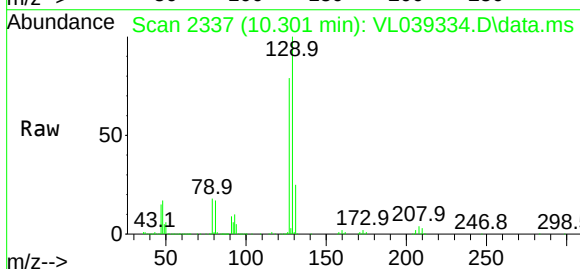
Manual Integrations
APPROVED

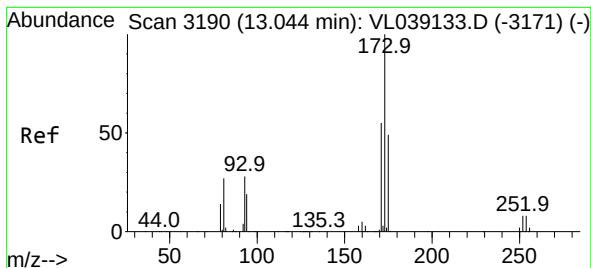
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
Dibromochloromethane
Concen: 9.219 ppbv
RT: 10.301 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

Tgt Ion:129 Resp: 1806862
Ion Ratio Lower Upper
129 100
127 78.9 40.0 119.9





#49

Bromoform

Concen: 9.370 ppbv

RT: 13.037 min Scan# 3190

Delta R.T. -0.006 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1530430

Ion Ratio Lower Upper

173 100

175 49.7 40.2 60.2

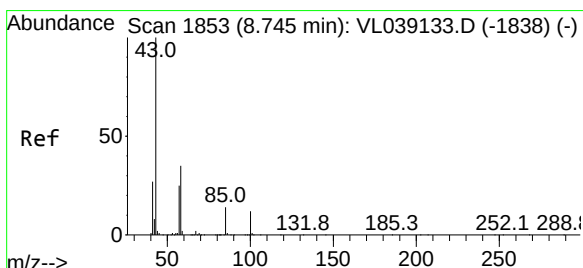
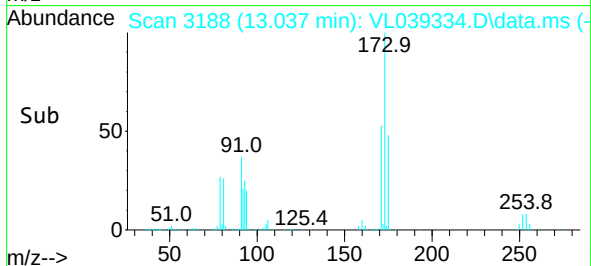
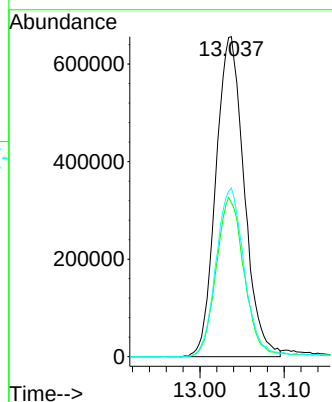
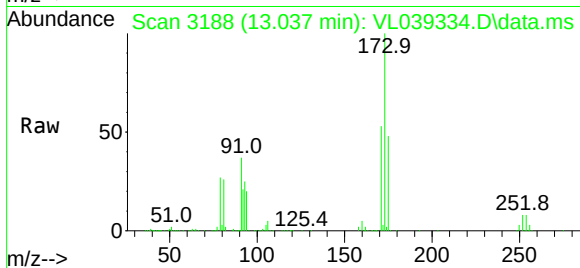
171 53.4 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#50

4-Methyl-2-Pentanone

Concen: 9.359 ppbv

RT: 8.738 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VL039334.D

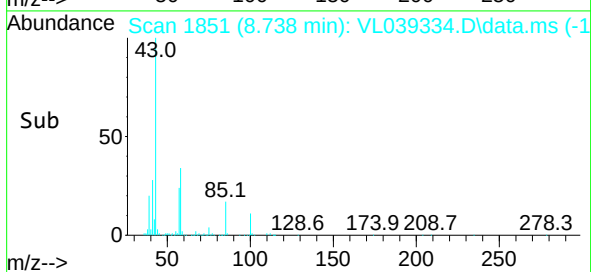
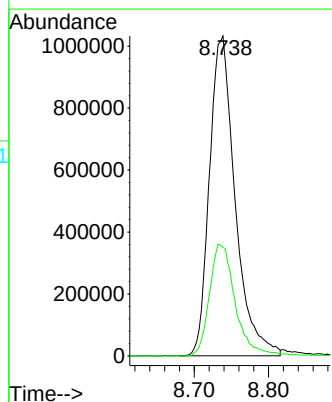
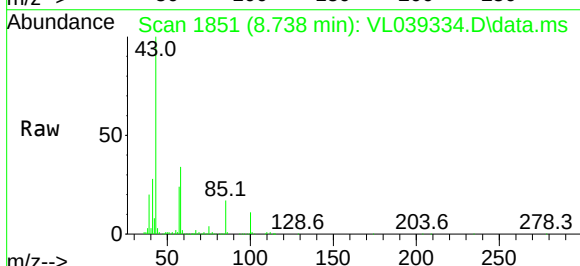
Acq: 23 Jun 2022 00:04

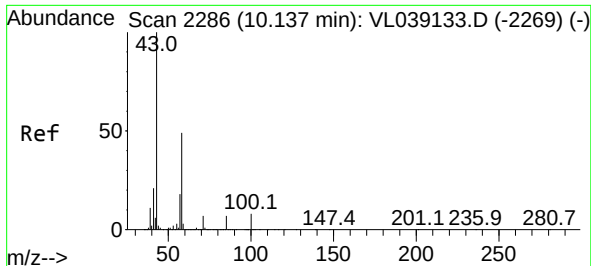
Tgt Ion: 43 Resp: 2479550

Ion Ratio Lower Upper

43 100

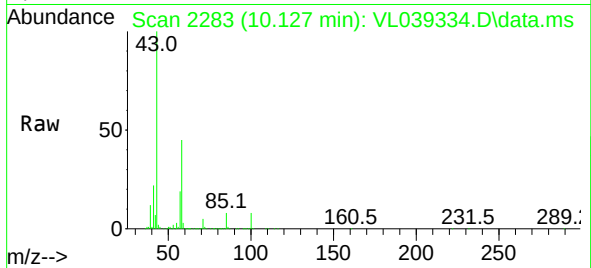
58 35.4 28.7 43.1





#51
2-Hexanone
Concen: 9.141 ppbv
RT: 10.127 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

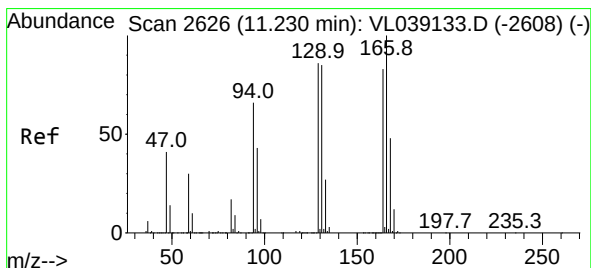
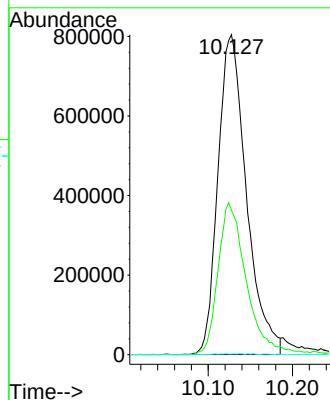
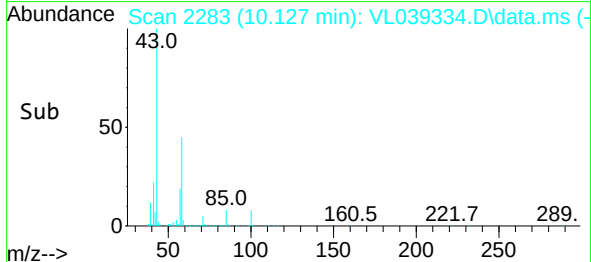
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 188458
Ion Ratio Lower Upper
43 100
58 48.2 40.0 60.0
98 0.3 0.1 0.1

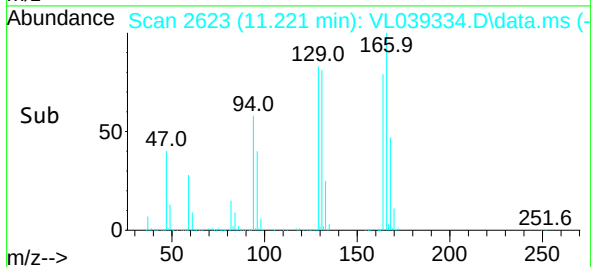
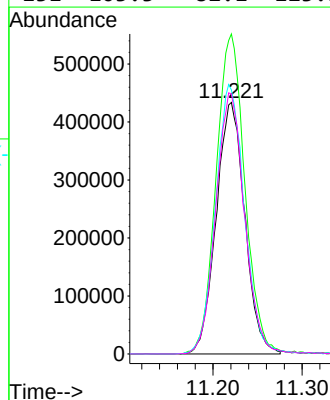
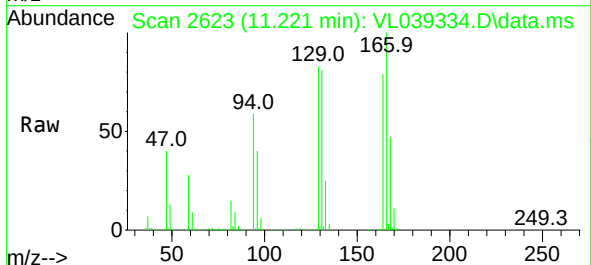
Manual Integrations
APPROVED

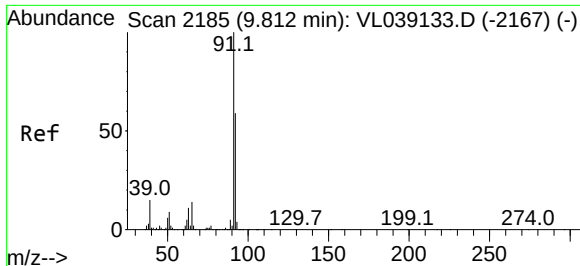
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#52
Tetrachloroethene
Concen: 9.353 ppbv
RT: 11.221 min Scan# 2623
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

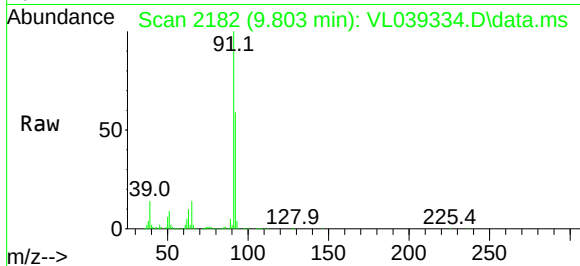
Tgt Ion:164 Resp: 965940
Ion Ratio Lower Upper
164 100
166 127.2 96.3 144.5
129 104.8 82.5 123.7
131 103.3 82.1 123.1





#53
Toluene
Concen: 9.632 ppbv
RT: 9.803 min Scan# 2185
Delta R.T. -0.009 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

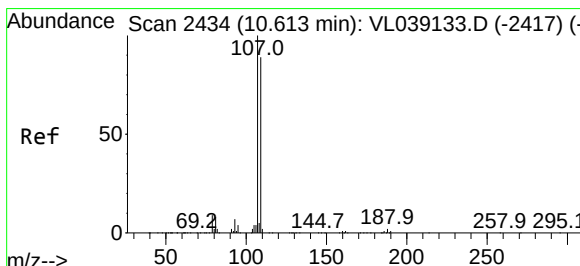
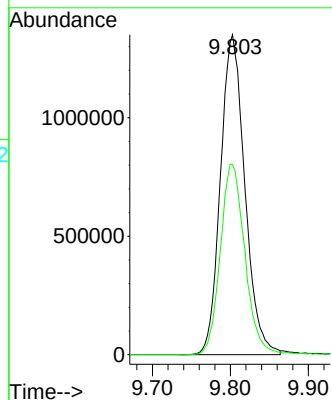
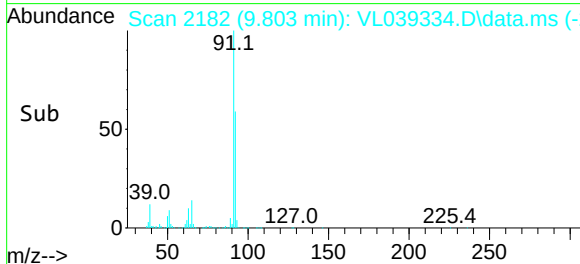
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



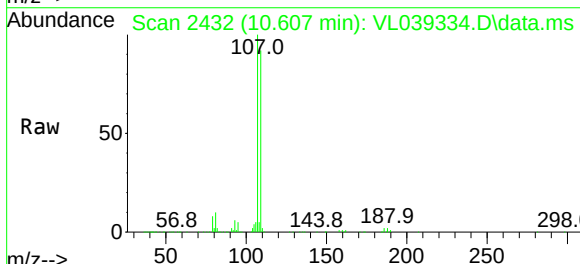
Tgt Ion: 91 Resp: 293355
Ion Ratio Lower Upper
91 100
92 60.6 48.1 72.1

Manual Integrations
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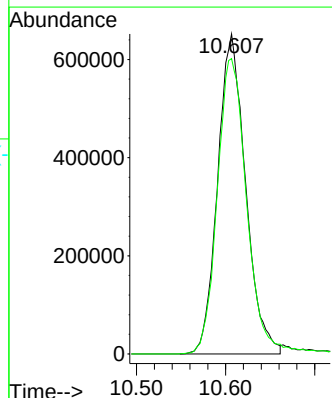
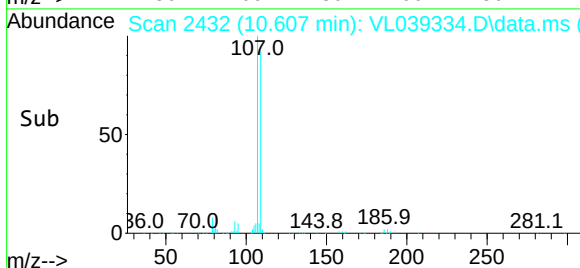
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

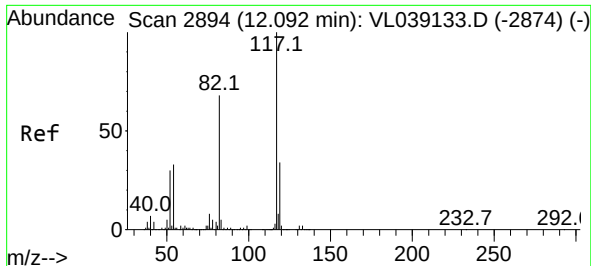


#54
1,2-Dibromoethane
Concen: 9.611 ppbv
RT: 10.607 min Scan# 2432
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04



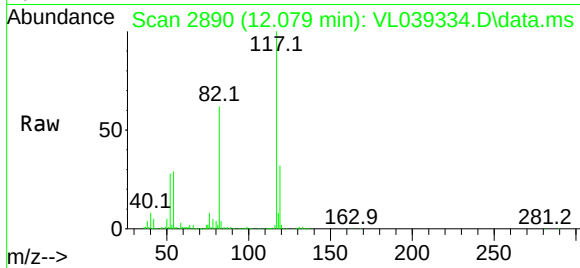
Tgt Ion:107 Resp: 1417556
Ion Ratio Lower Upper
107 100
109 92.2 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.079 min Scan# 2894
Delta R.T. -0.013 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

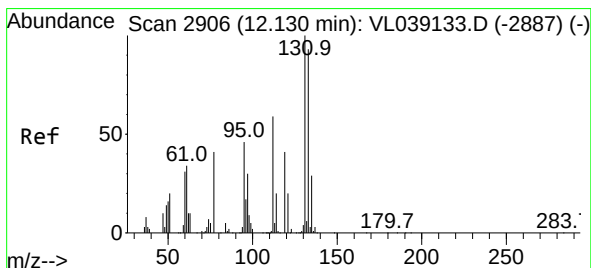
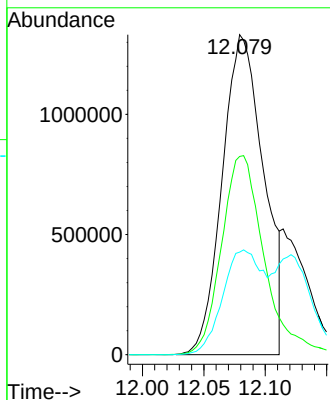
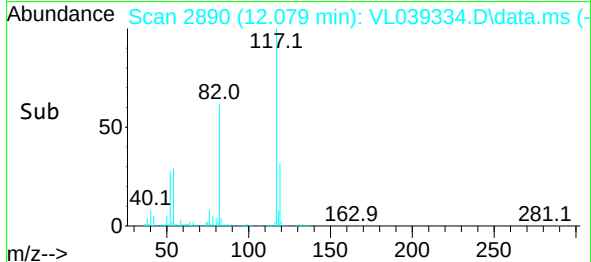
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



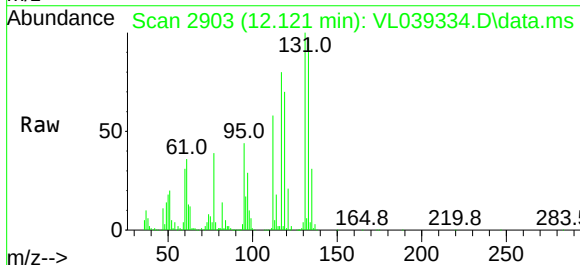
Tgt Ion:117 Resp: 313013
Ion Ratio Lower Upper
117 100
82 65.4 55.1 82.7
119 35.8 24.7 37.1

Manual Integrations
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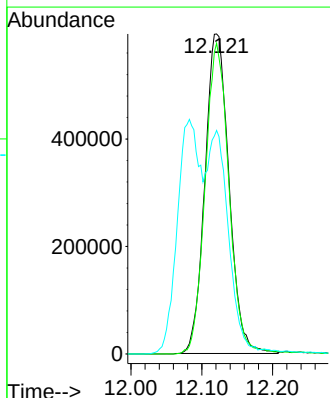
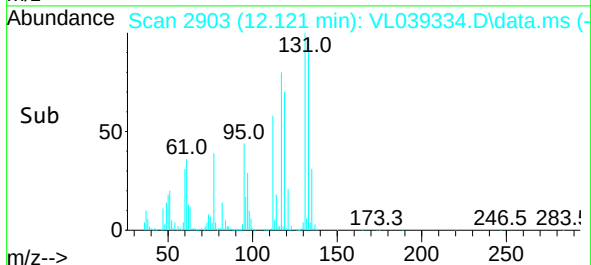
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

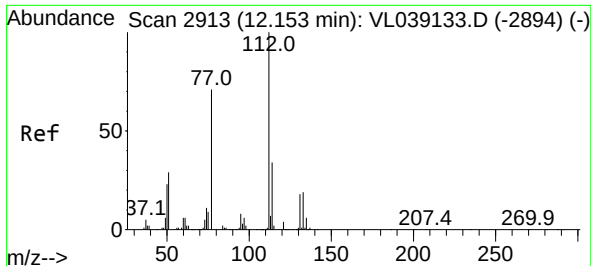


#56
1,1,1,2-Tetrachloroethane
Concen: 9.505 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. -0.009 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04



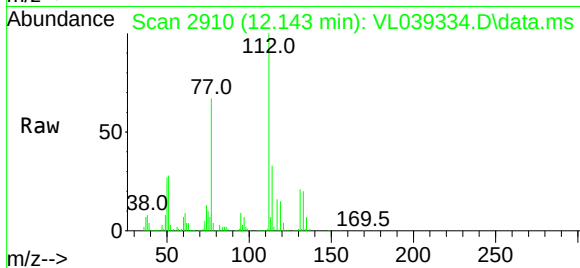
Tgt Ion:131 Resp: 1407733
Ion Ratio Lower Upper
131 100
133 96.8 78.6 117.8
119 65.8 51.7 77.5





#57
Chlorobenzene
Concen: 9.588 ppbv
RT: 12.143 min Scan# 2910
Delta R.T. -0.009 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

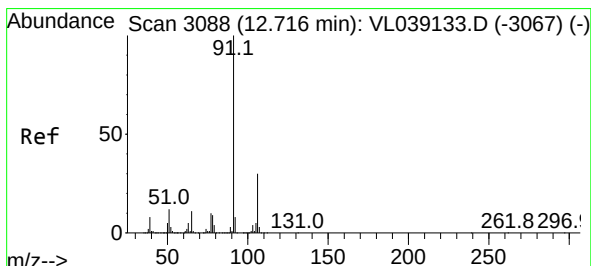
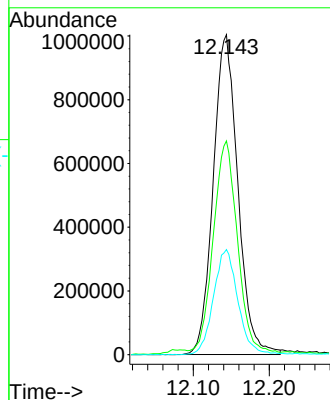
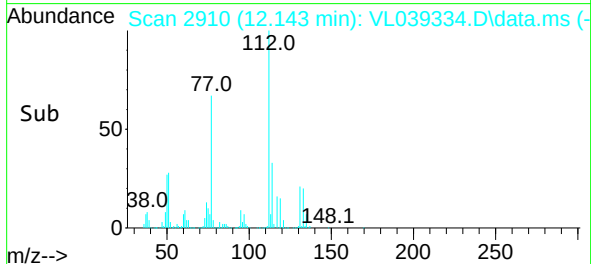
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



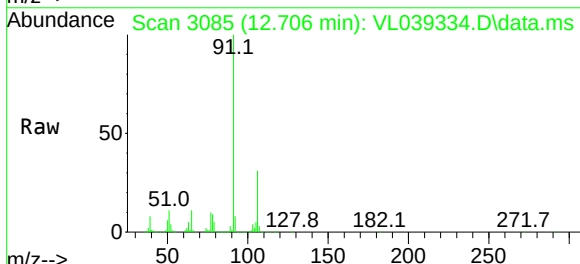
Tgt Ion: 112 Resp: 225804
Ion Ratio Lower Upper
112 100
77 66.1 56.5 84.7
114 32.8 30.3 37.1

Manual Integrations
APPROVED

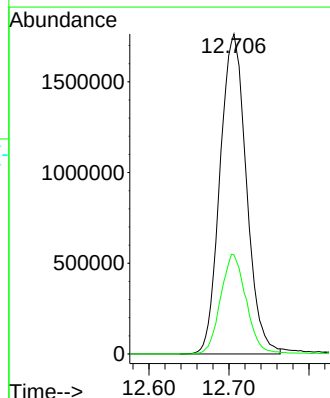
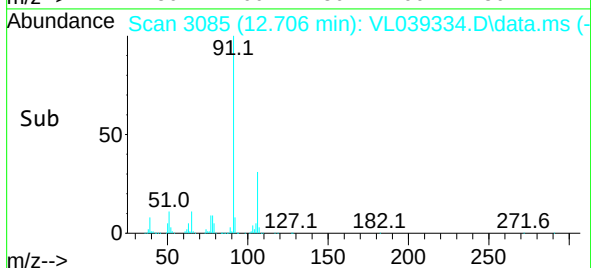
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

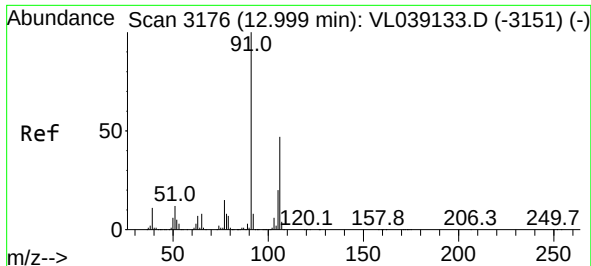


#58
Ethyl Benzene
Concen: 9.349 ppbv
RT: 12.706 min Scan# 3085
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04



Tgt Ion: 91 Resp: 4030715
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4





#59

m/p-Xylene

Concen: 18.509 ppbv

RT: 12.989 min Scan# 3176

Delta R.T. -0.009 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 7027778

Ion Ratio Lower Upper

91 100

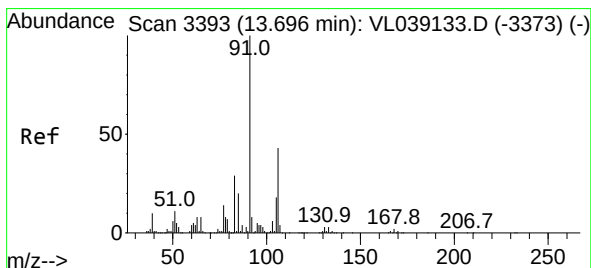
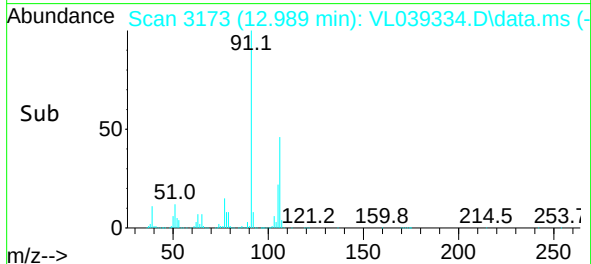
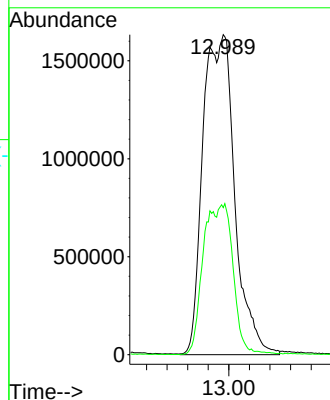
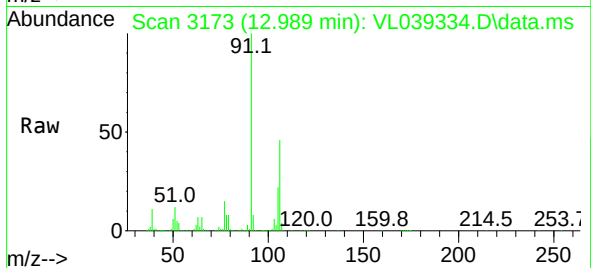
106 44.0 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#60

o-Xylene

Concen: 9.464 ppbv

RT: 13.687 min Scan# 3390

Delta R.T. -0.010 min

Lab File: VL039334.D

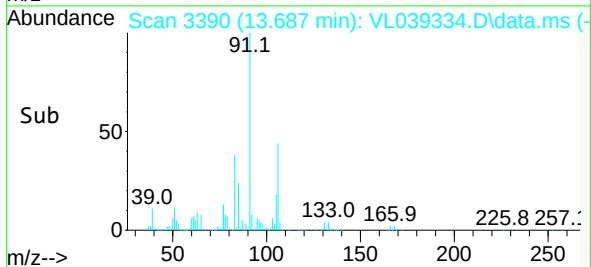
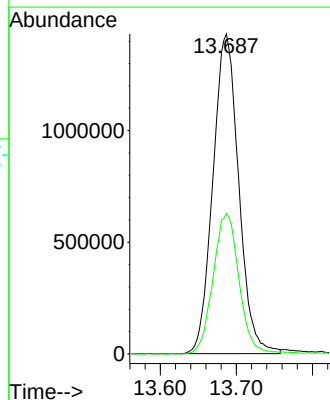
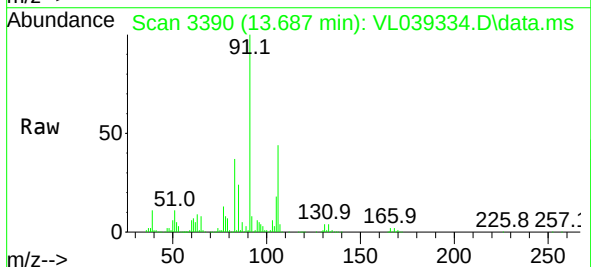
Acq: 23 Jun 2022 00:04

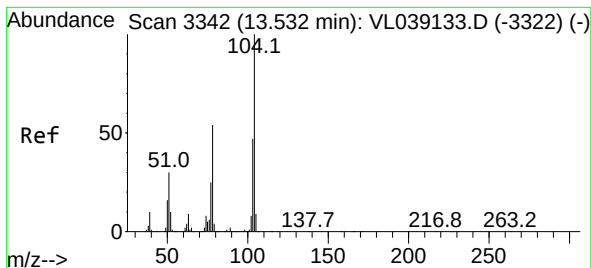
Tgt Ion: 91 Resp: 3376379

Ion Ratio Lower Upper

91 100

106 44.5 22.3 66.9





#61

Styrene

Concen: 10.137 ppbv

RT: 13.523 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 193669

Ion Ratio Lower Upper

104 100

78 52.1 45.7 68.5

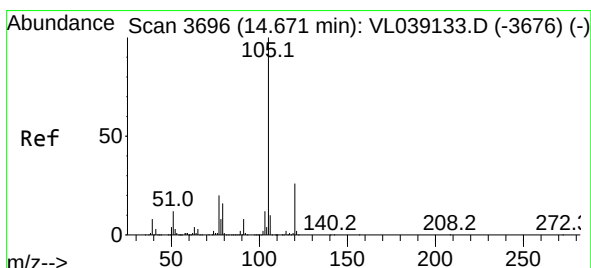
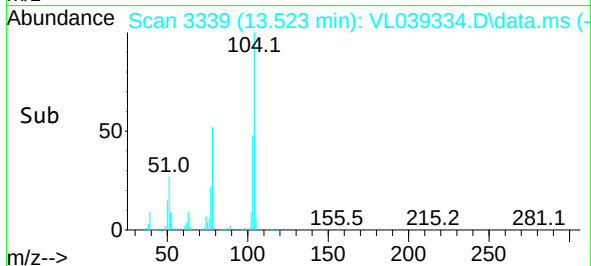
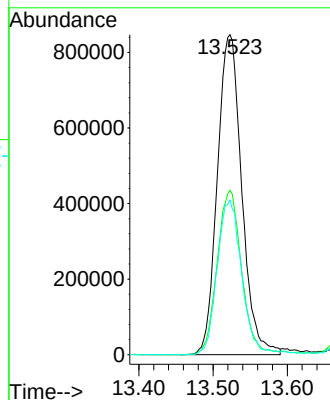
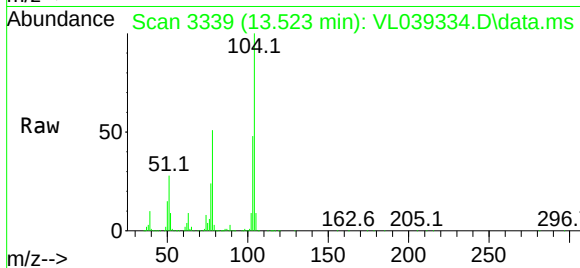
103 49.0 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#62

Isopropylbenzene

Concen: 9.803 ppbv

RT: 14.658 min Scan# 3692

Delta R.T. -0.013 min

Lab File: VL039334.D

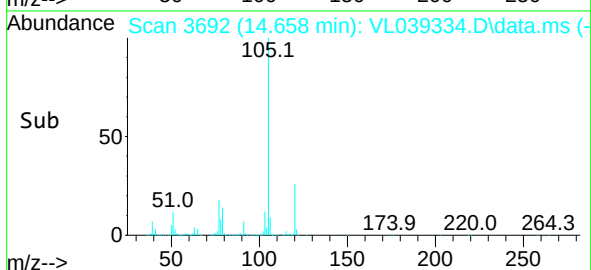
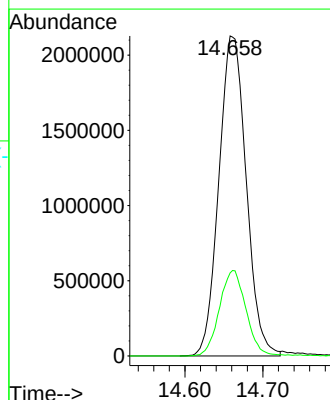
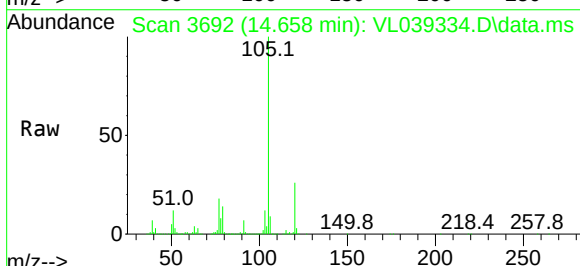
Acq: 23 Jun 2022 00:04

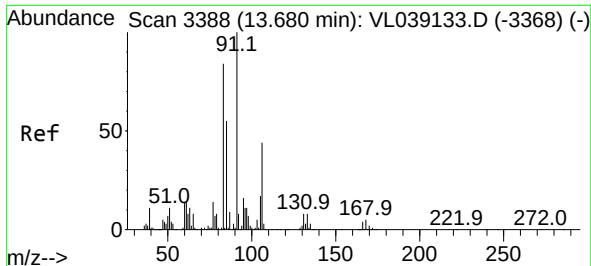
Tgt Ion:105 Resp: 5198107

Ion Ratio Lower Upper

105 100

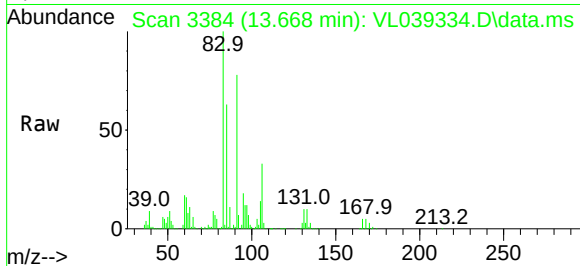
120 26.2 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 10.661 ppbv
RT: 13.668 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

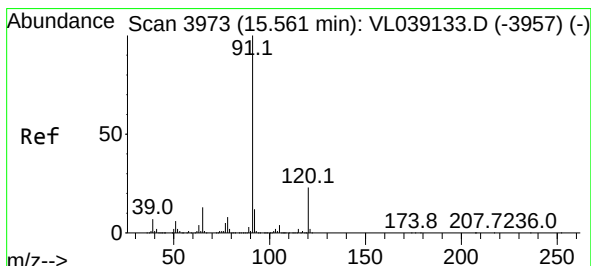
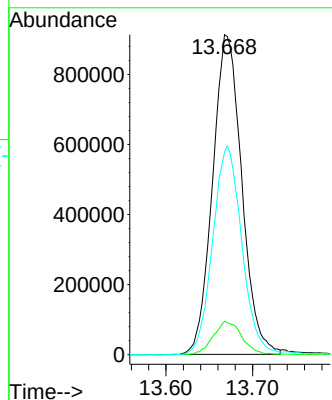
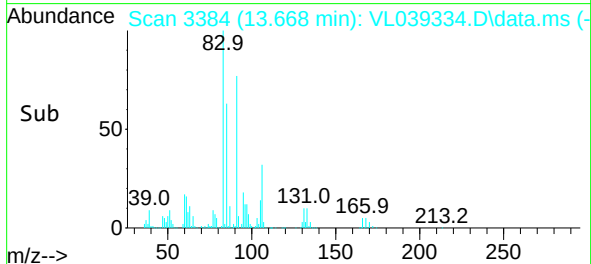
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 213491
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.3
85 66.1 33.0 99.0

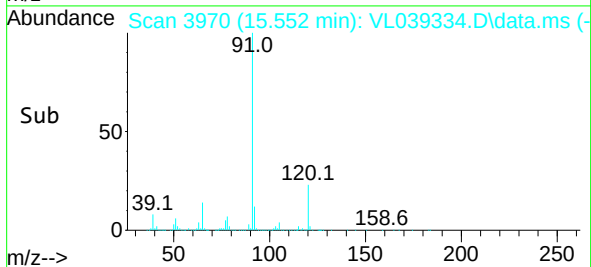
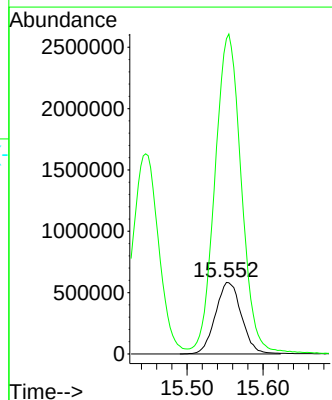
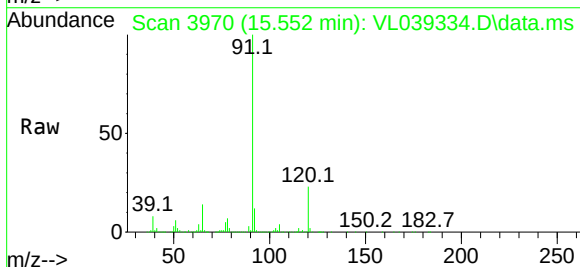
Manual Integrations
APPROVED

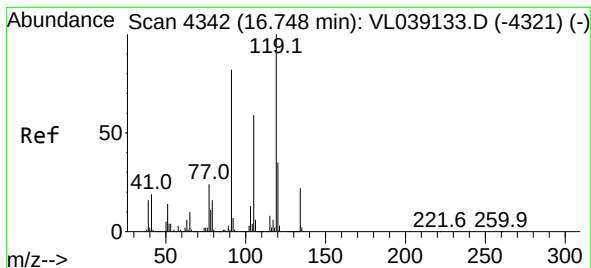
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
n-propylbenzene
Concen: 10.616 ppbv
RT: 15.552 min Scan# 3970
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

Tgt Ion:120 Resp: 1383808
Ion Ratio Lower Upper
120 100
91 456.5 388.4 582.6





#65

tert-Butylbenzene

Concen: 9.967 ppbv

RT: 16.738 min Scan# 41

Delta R.T. -0.009 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 4833214

Ion Ratio Lower Upper

119 100

91 79.6 67.1 100.7

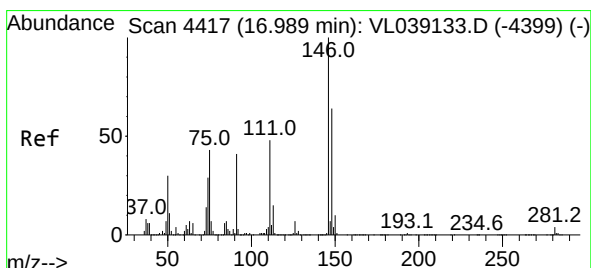
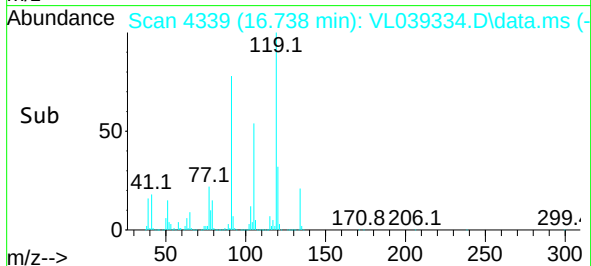
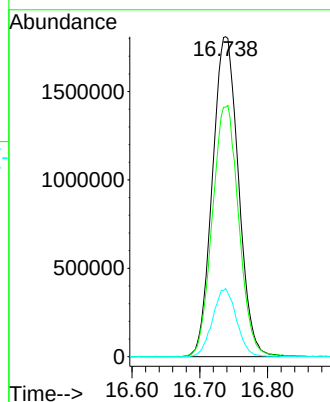
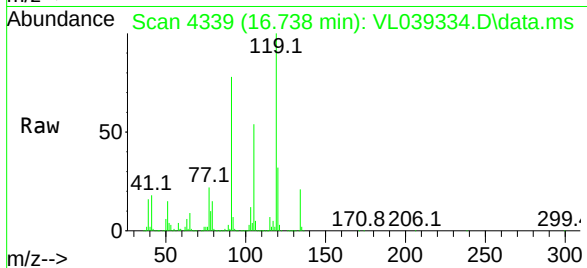
134 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#66

Benzyl Chloride

Concen: 5.115 ppbv m

RT: 16.976 min Scan# 4413

Delta R.T. -0.013 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

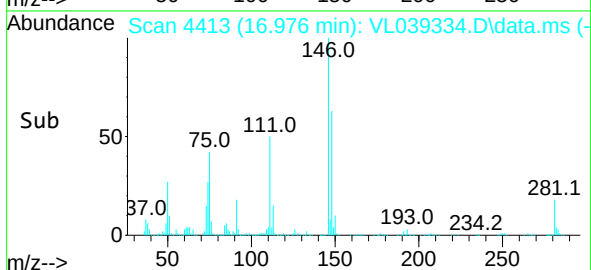
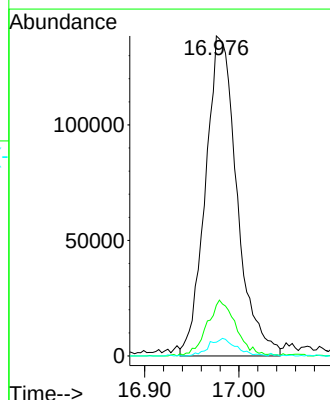
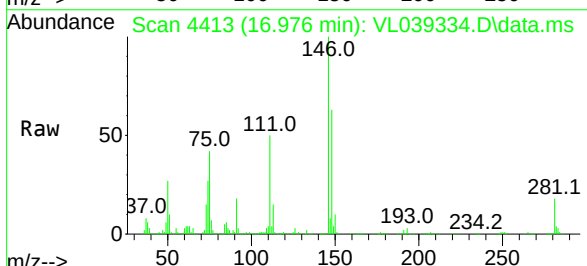
Tgt Ion: 91 Resp: 322471

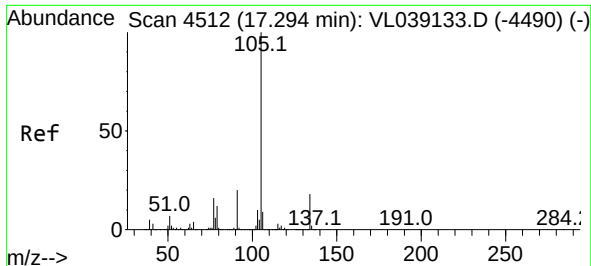
Ion Ratio Lower Upper

91 100

126 16.3 13.4 20.0

128 5.0 4.1 6.1





#67

sec-Butylbenzene

Concen: 10.000 ppbv

RT: 17.288 min Scan# 4510

Delta R.T. -0.006 min

Lab File: VL039334.D

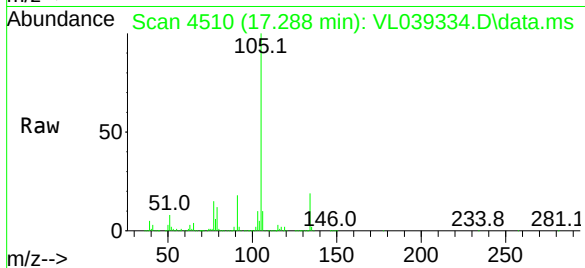
Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 661639

Ion Ratio Lower Upper

105 100

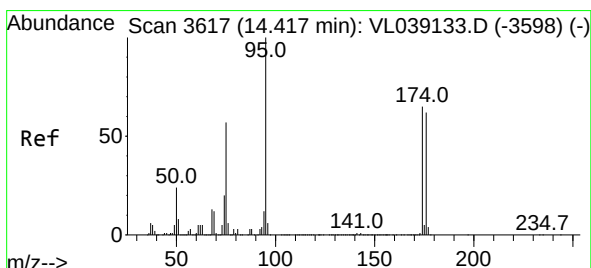
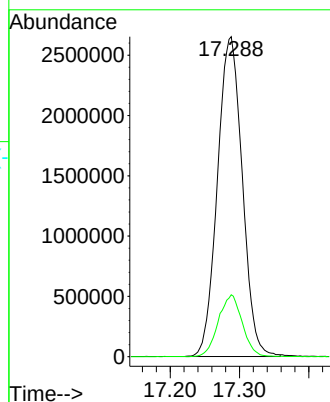
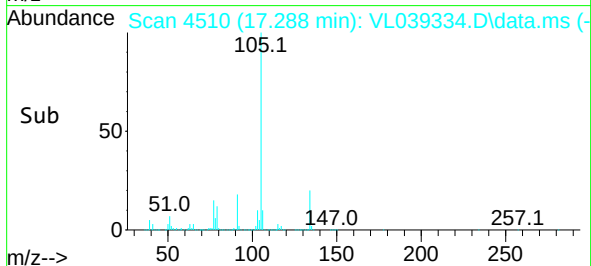
134 18.7 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.821 ppbv

RT: 14.407 min Scan# 3614

Delta R.T. -0.010 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

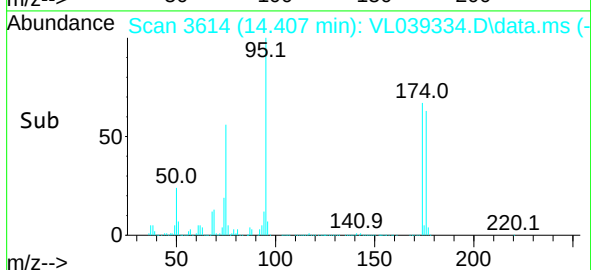
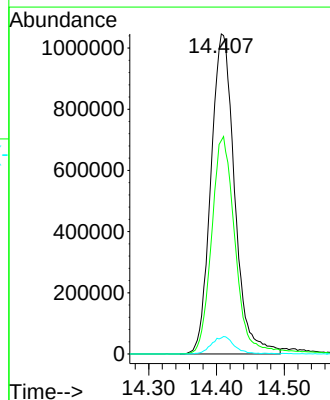
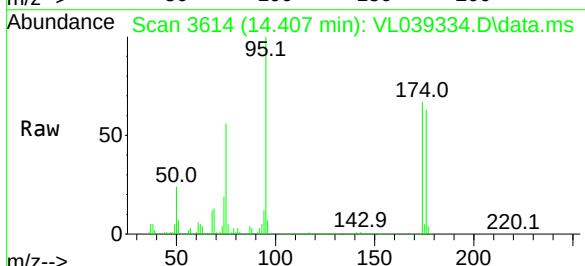
Tgt Ion: 95 Resp: 2541487

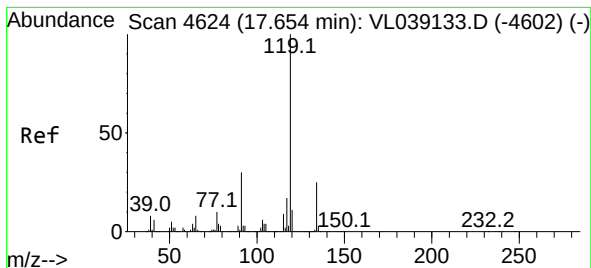
Ion Ratio Lower Upper

95 100

174 68.3 53.8 80.8

175 5.3 4.1 6.1





#69

p-Isopropyltoluene

Concen: 10.287 ppbv

RT: 17.642 min Scan# 4099

Delta R.T. -0.013 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 119 Resp: 574203

Ion Ratio Lower Upper

119 100

134 25.4 20.4 30.6

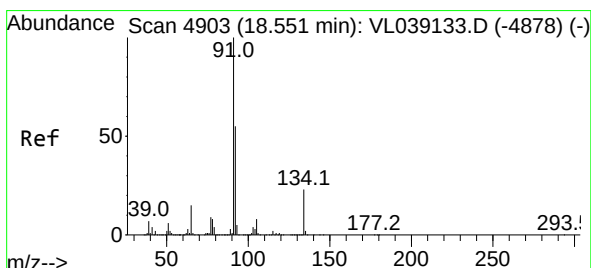
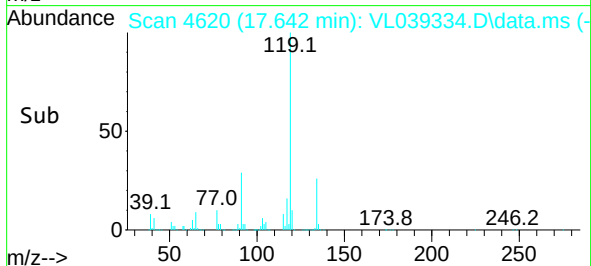
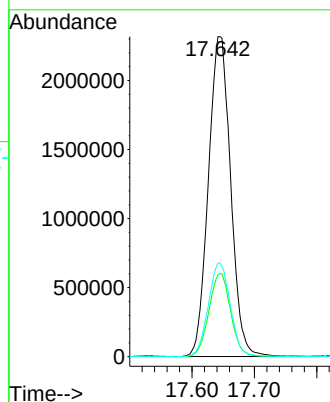
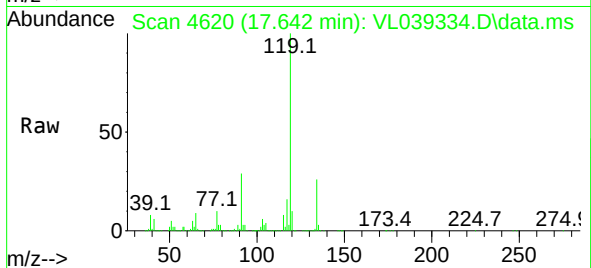
91 28.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#70

n-Butylbenzene

Concen: 9.954 ppbv

RT: 18.539 min Scan# 4899

Delta R.T. -0.013 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

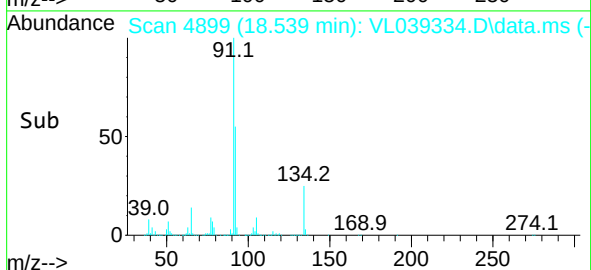
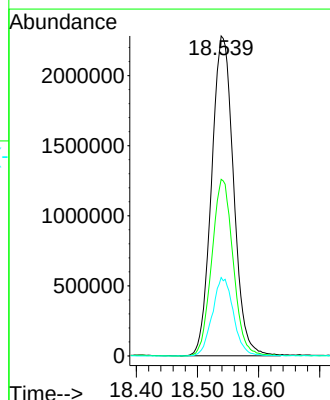
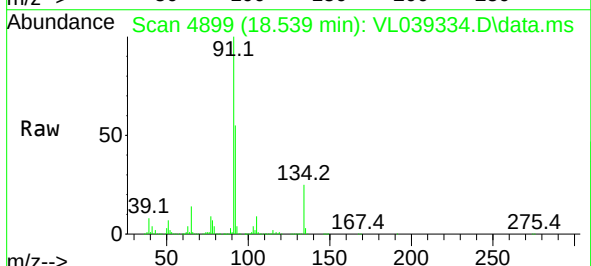
Tgt Ion: 91 Resp: 5703126

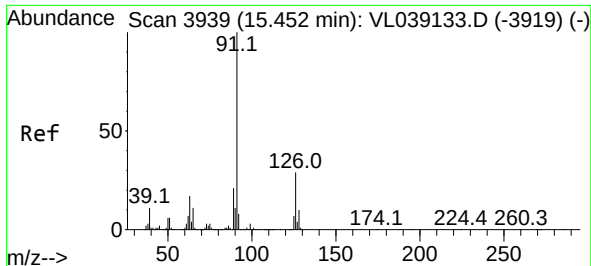
Ion Ratio Lower Upper

91 100

92 53.9 43.6 65.4

134 23.7 17.7 26.5





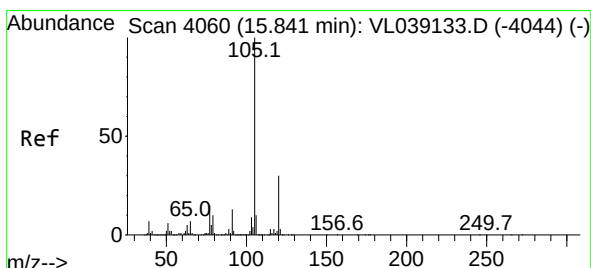
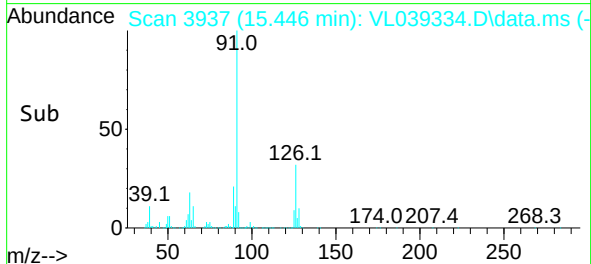
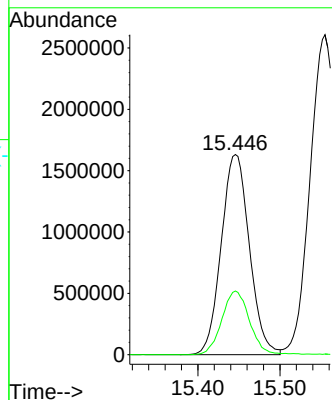
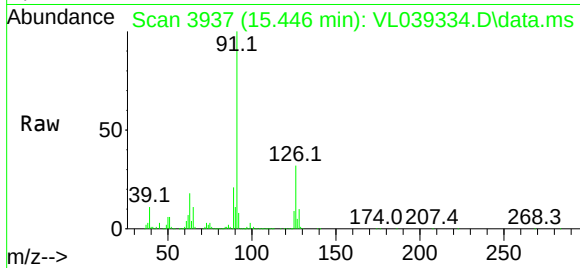
#71
2-Chlorotoluene
Concen: 9.625 ppbv
RT: 15.446 min Scan# 3919
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 389217
Ion Ratio Lower Upper
91 100
126 31.8 12.2 48.6

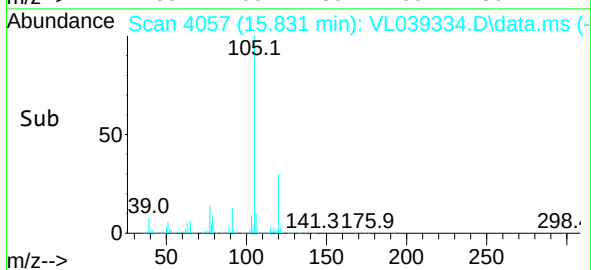
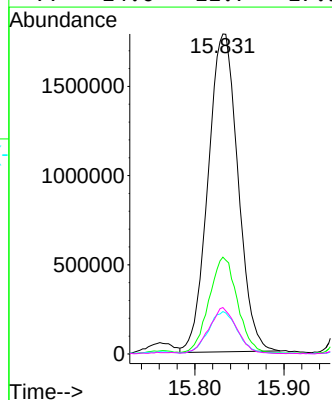
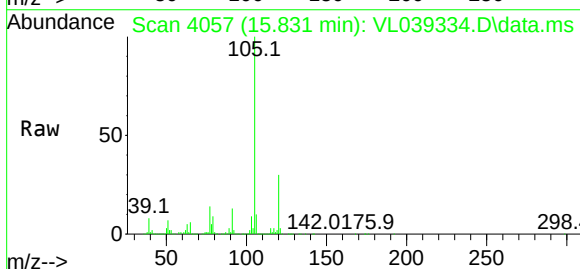
Manual Integrations
APPROVED

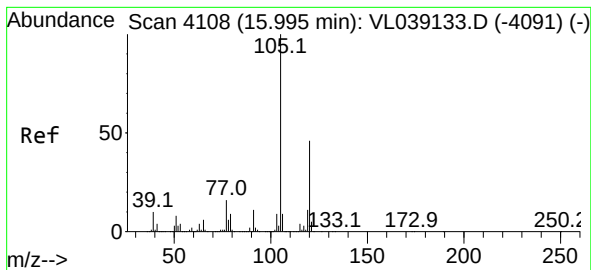
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
4-Ethyltoluene
Concen: 9.938 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. -0.010 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

Tgt Ion:105 Resp: 4155684
Ion Ratio Lower Upper
105 100
120 29.6 23.9 35.9
91 13.1 10.6 16.0
77 14.0 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.064 ppbv

RT: 15.986 min Scan# 4108

Delta R.T. -0.010 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 379552

Ion Ratio Lower Upper

105 100

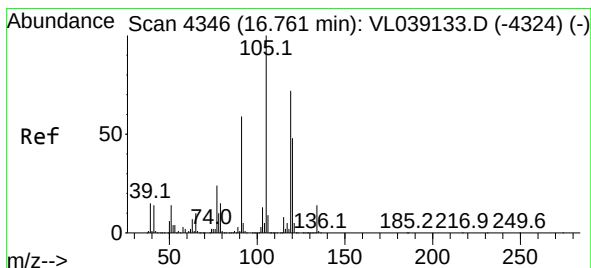
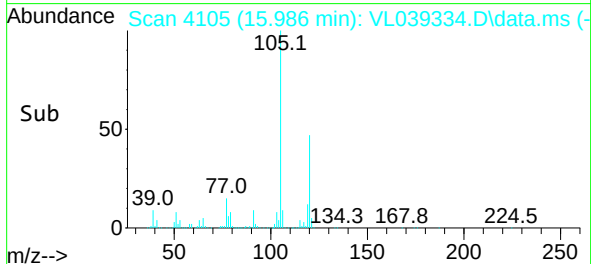
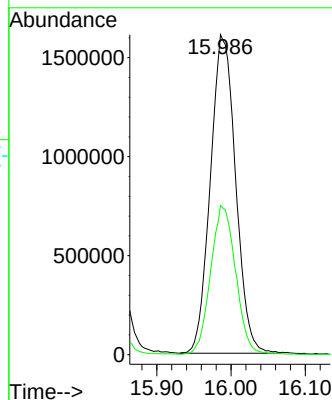
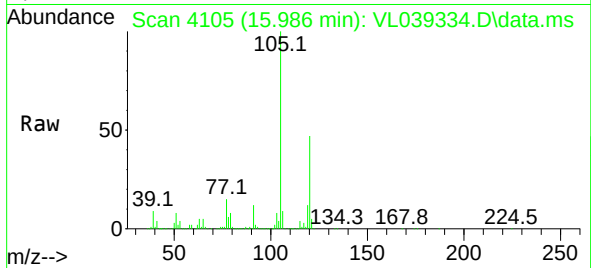
120 46.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.778 ppbv

RT: 16.754 min Scan# 4344

Delta R.T. -0.006 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

Tgt Ion:105 Resp: 4115188

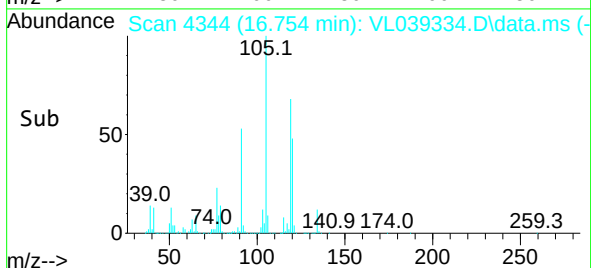
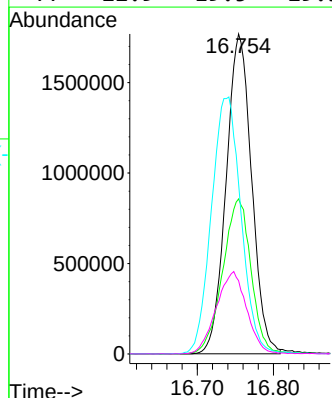
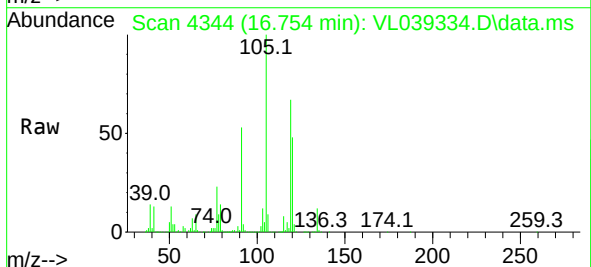
Ion Ratio Lower Upper

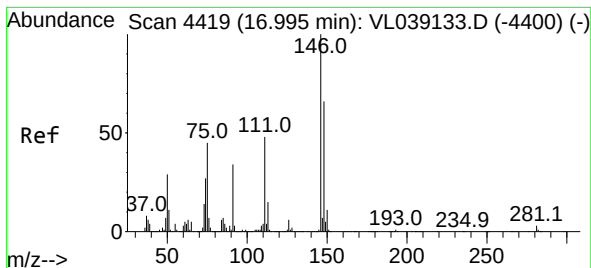
105 100

120 48.4 38.1 57.1

91 53.1 47.4 71.0

77 22.9 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 10.256 ppbv

RT: 16.989 min Scan# 4419

Delta R.T. -0.006 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 244327

Ion Ratio Lower Upper

146 100

111 45.4 23.8 71.4

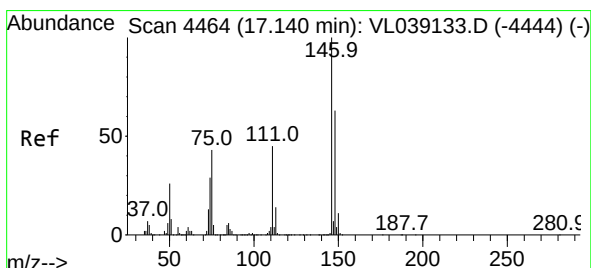
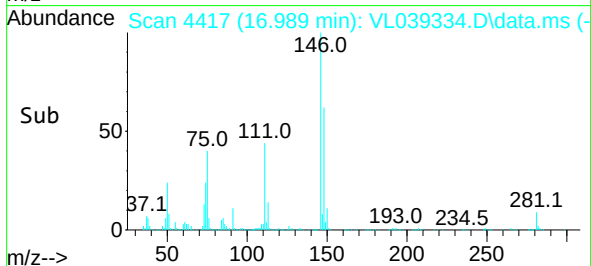
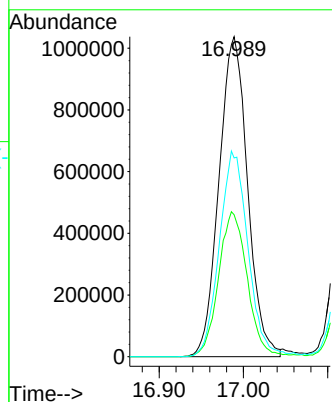
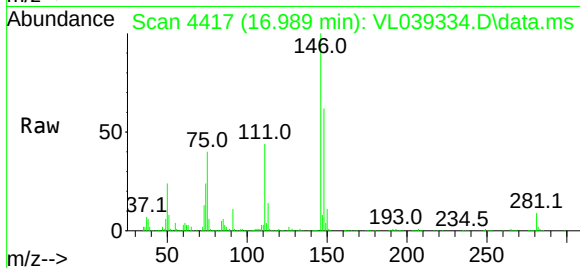
148 64.7 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#76

1,4-Dichlorobenzene

Concen: 9.841 ppbv

RT: 17.130 min Scan# 4461

Delta R.T. -0.009 min

Lab File: VL039334.D

Acq: 23 Jun 2022 00:04

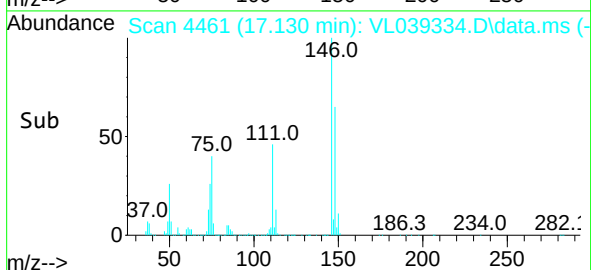
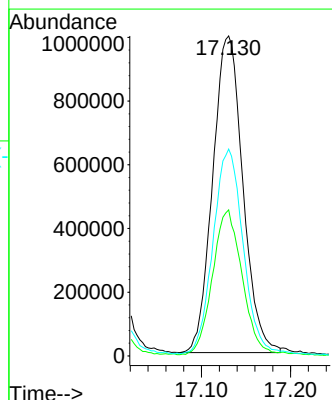
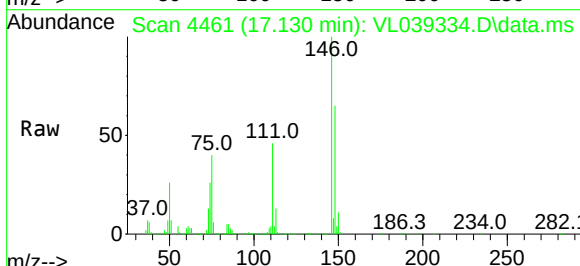
Tgt Ion:146 Resp: 2338997

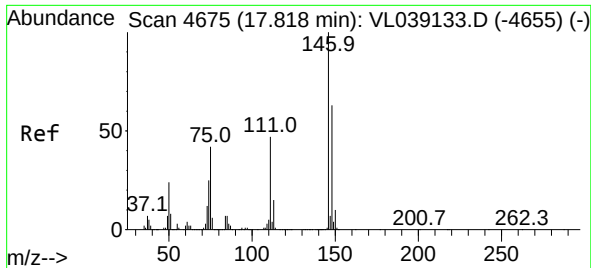
Ion Ratio Lower Upper

146 100

111 46.7 23.6 71.0

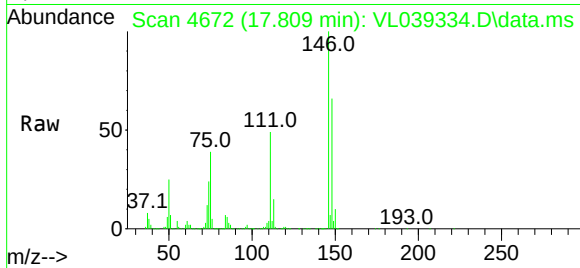
148 66.5 33.7 101.0





#77
 1,2-Dichlorobenzene
 Concen: 9.954 ppbv
 RT: 17.809 min Scan# 4000
 Delta R.T. -0.009 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

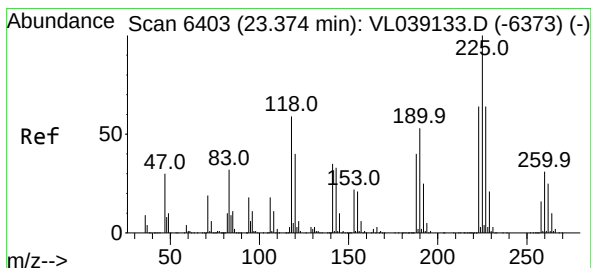
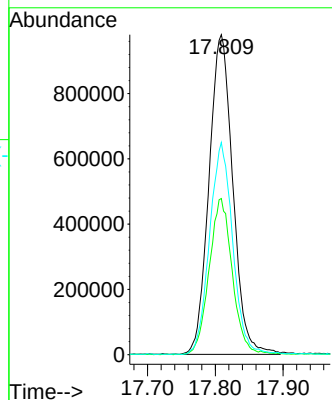
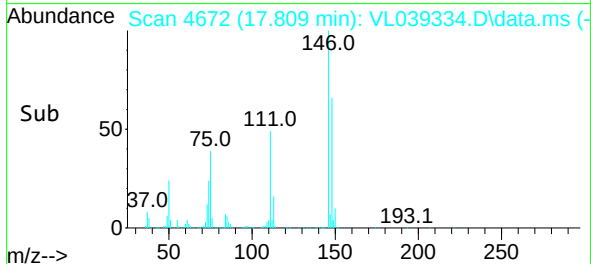


Tgt Ion:146 Resp: 2389890

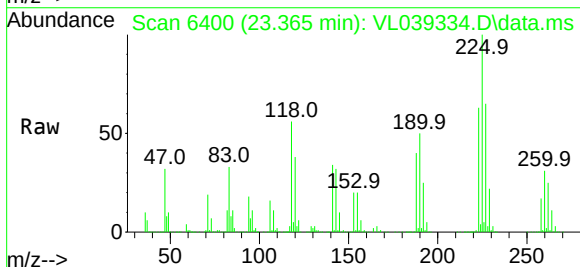
Ion	Ratio	Lower	Upper
146	100		
111	47.8	24.4	73.4
148	64.5	32.1	96.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

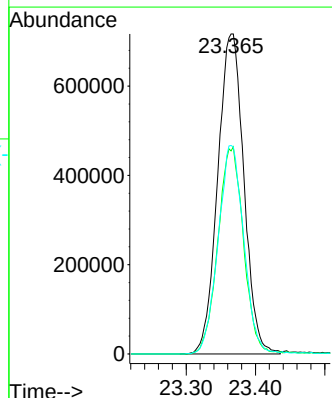
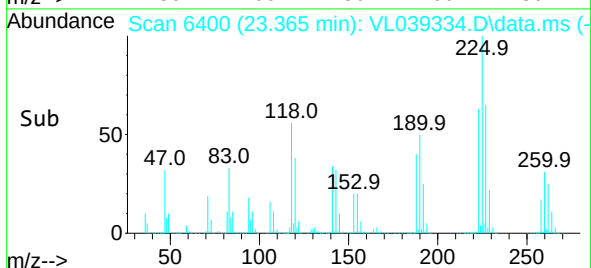


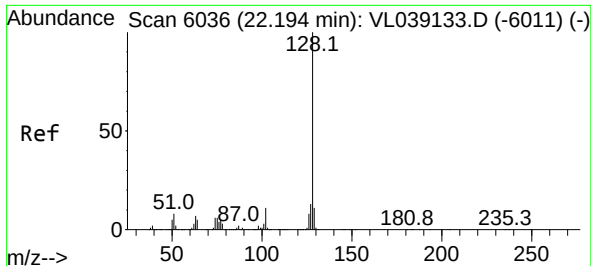
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.554 ppbv
 RT: 23.365 min Scan# 6400
 Delta R.T. -0.010 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04



Tgt Ion:225 Resp: 1878085

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.0
227	64.6	50.6	75.8





#79
Naphthalene
Concen: 10.749 ppbv
RT: 22.182 min Scan# 6036
Delta R.T. -0.013 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

Instrument :

MSVOA_L

ClientSampleId :

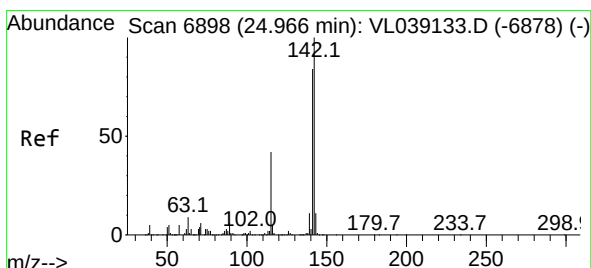
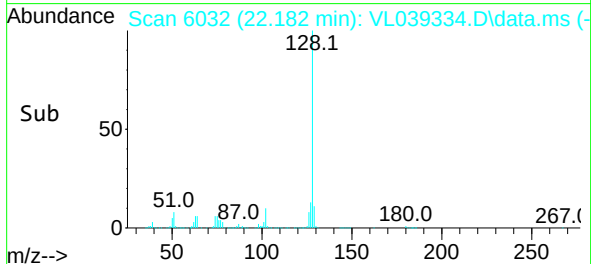
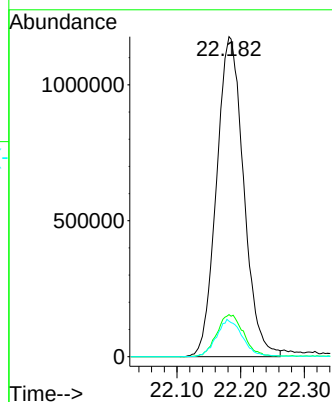
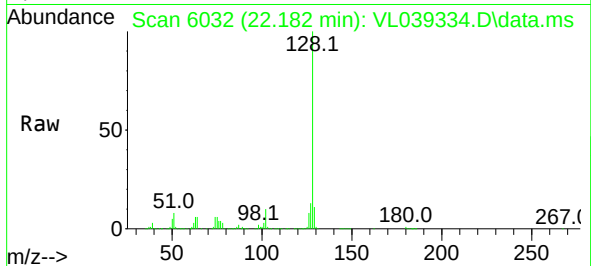
VSTDCCC010EC

Tgt Ion:128 Resp: 348264
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 9.0 13.6

Manual Integrations

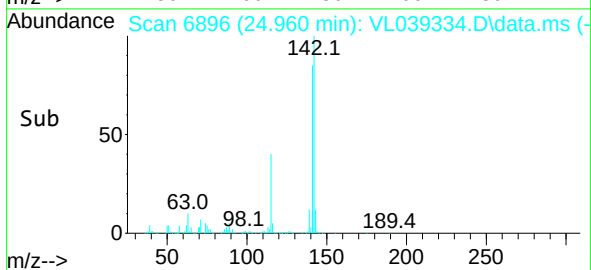
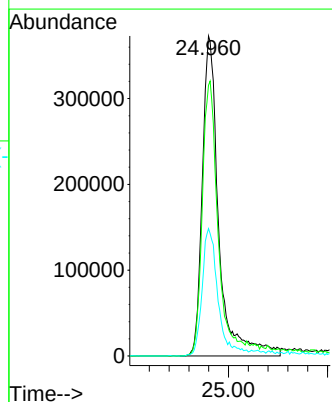
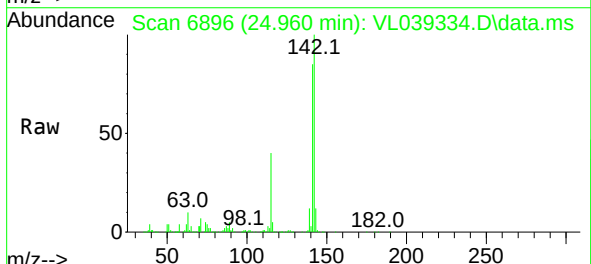
APPROVED

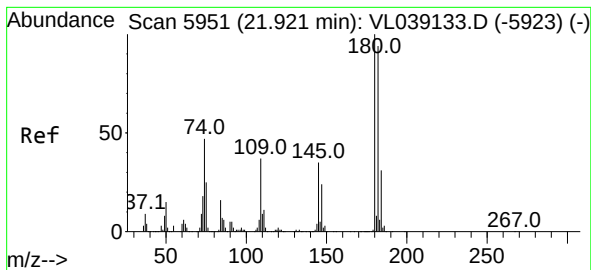
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#80
Naphthalene,2-methyl-
Concen: 7.161 ppbv
RT: 24.960 min Scan# 6896
Delta R.T. -0.006 min
Lab File: VL039334.D
Acq: 23 Jun 2022 00:04

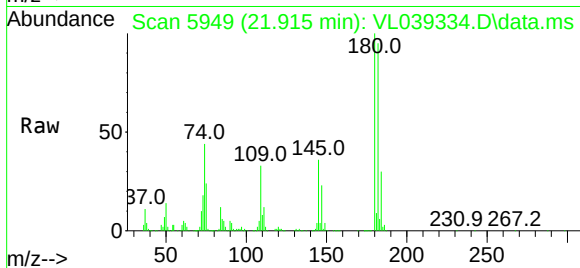
Tgt Ion:142 Resp: 861999
Ion Ratio Lower Upper
142 100
141 86.9 64.6 96.8
115 41.1 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 9.436 ppbv
 RT: 21.915 min Scan# 5949
 Delta R.T. -0.006 min
 Lab File: VL039334.D
 Acq: 23 Jun 2022 00:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1936800
 Ion Ratio Lower Upper
 180 100
 182 98.4 0.0 0.0
 184 31.3 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

