

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039159.D
 Acq On : 3 Jun 2022 18:45
 Operator : SY/AP
 Sample : VL0603SBS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/05/2022
 Supervised By : Mahesh Dadoda 06/06/2022

Quant Time: Jun 04 00:18:10 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 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	5.681	49	1284574	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.189	114	3290444	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.102	117	3058806m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.423 95 2581008 10.206 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	1810663	8.025	ppbv	100
3) Chlorodifluoromethane	2.999	51	1579979	9.667	ppbv	98
4) Chloromethane	3.153	50	853884	10.171	ppbv	99
5) Vinyl Chloride	3.269	62	813749	10.368	ppbv	97
6) Bromomethane	3.485	94	404466	10.476	ppbv	96
7) Chloroethane	3.571	64	287609	10.517	ppbv	99
8) Dichlorotetrafluoroethane	3.198	85	1972753	9.567	ppbv	96
9) Propene	3.022	41	730069	10.244	ppbv	98
10) Heptane	8.137	43	1758455	10.577	ppbv	99
11) Trichlorofluoromethane	3.964	101	1976225	9.676	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.497	101	1339851	9.920	ppbv	100
13) Ethanol	3.616	45	40970m	10.541	ppbv	
14) Bromoethene	3.755	108	622598	10.254	ppbv	99
15) Acetone	3.858	43	1309431	9.786	ppbv	100
16) 1,3-Butadiene	3.340	39	745175	10.359	ppbv	99
17) tert-Butyl alcohol	4.292	59	1209403	11.652	ppbv	97
18) 1,1-Dichloroethene	4.301	96	622218	10.270	ppbv	92
19) Isopropyl Alcohol	3.973	45	702486	11.193	ppbv #	98
20) Methylene Chloride	4.359	84	489515	8.681	ppbv	98
21) Allyl Chloride	4.423	41	884260	9.796	ppbv	97
22) trans-1,2-Dichloroethene	4.896	96	605300	10.383	ppbv	99
23) Vinyl Acetate	5.083	43	1202402	10.860	ppbv	98
24) 1,1-Dichloroethane	5.021	63	1329840	8.767	ppbv	98
25) Ethyl Acetate	5.687	43	3089348	10.243	ppbv	100
26) Hexane	5.697	57	1348608	10.175	ppbv	99
27) Carbon Disulfide	4.562	76	1418995	10.330	ppbv	99
28) Methyl tert-Butyl Ether	5.044	73	1365014	9.329	ppbv	100
29) Chloroform	5.764	83	2237712	10.034	ppbv	100
30) Cyclohexane	7.144	84	1149468	10.324	ppbv	98
31) cis-1,2-Dichloroethene	5.562	61	1413148	10.457	ppbv	97
32) 1,1,1-Trichloroethane	6.526	97	2252342	10.321	ppbv	99
34) 2-Butanone	5.253	43	1880007	10.517	ppbv	98
35) Carbon Tetrachloride	7.031	117	2336545	9.729	ppbv	99
36) Benzene	6.906	78	2750913	10.298	ppbv	99
37) 1,2-Dichloroethane	6.320	62	1758787	10.004	ppbv	100
38) Trichloroethene	7.851	130	1353067	11.027	ppbv	98
39) 1,2-Dichloropropane	7.626	63	1086930	10.229	ppbv	98
40) 1,4-Dioxane	7.841	88	292119	8.351	ppbv #	1
41) Tetrahydrofuran	6.060	42	1141113	10.614	ppbv	99
42) Bromodichloromethane	7.803	83	2506224	10.272	ppbv	98
43) Methyl Methacrylate	8.028	69	1152761	11.078	ppbv	98
44) 2,2,4-Trimethylpentane	7.883	57	4635208	9.919	ppbv	100
45) t-1,3-Dichloropropene	9.291	75	1300978	12.005	ppbv	99

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Quant Time: Jun 04 00:18:10 2022

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

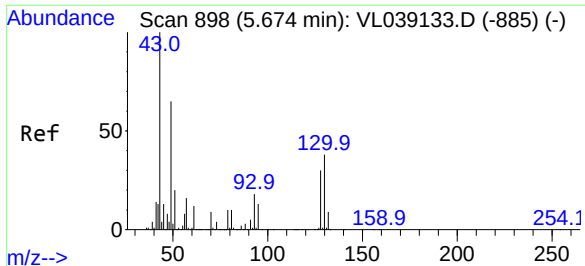
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022

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

Response via : Initial Calibration

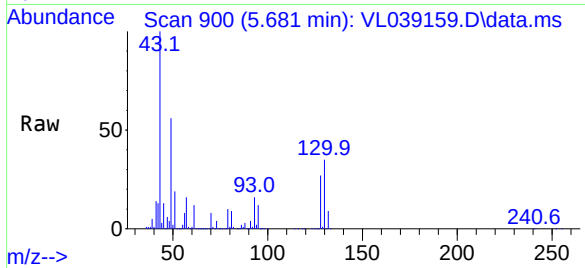
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.719	75	1607992	11.232	ppbv	97
47) 1,1,2-Trichloroethane	9.488	97	1154729	10.417	ppbv	98
48) Dibromochloromethane	10.317	129	2066783	10.442	ppbv	99
49) Bromoform	13.050	173	1669843	10.123	ppbv	99
50) 4-Methyl-2-Pentanone	8.751	43	2870032	10.726	ppbv	99
51) 2-Hexanone	10.143	43	2276589	10.934	ppbv #	99
52) Tetrachloroethene	11.237	164	1038536	9.957	ppbv	95
53) Toluene	9.819	91	3236547	10.522	ppbv	100
54) 1,2-Dibromoethane	10.623	107	1608648	10.799	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.137	131	1424607	9.843	ppbv	99
57) Chlorobenzene	12.163	112	2394881	10.406	ppbv	96
58) Ethyl Benzene	12.725	91	4389083	10.417	ppbv	99
59) m/p-Xylene	13.012	91	7508206m	20.236	ppbv	
60) o-Xylene	13.703	91	3591737	10.302	ppbv	100
61) Styrene	13.542	104	2111640	11.310	ppbv	97
62) Isopropylbenzene	14.677	105	5206081	10.047	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.687	83	1861882	9.514	ppbv	100
64) n-propylbenzene	15.571	120	1329321	10.436	ppbv	97
65) tert-Butylbenzene	16.757	119	4655208	9.824	ppbv	99
66) Benzyl Chloride	16.999	91	703392	11.416	ppbv	98
67) sec-Butylbenzene	17.304	105	6503122	10.058	ppbv	99
69) p-Isopropyltoluene	17.664	119	5472533	10.033	ppbv	99
70) n-Butylbenzene	18.558	91	5788845	10.339	ppbv	99
71) 2-Chlorotoluene	15.465	91	3926491	9.936	ppbv	99
72) 4-Ethyltoluene	15.851	105	4319939	10.572	ppbv	99
73) 1,3,5-Trimethylbenzene	16.008	105	3868149	10.496	ppbv	100
74) 1,2,4-Trimethylbenzene	16.773	105	4087829	9.939	ppbv	95
75) 1,3-Dichlorobenzene	17.008	146	2425950	10.421	ppbv	99
76) 1,4-Dichlorobenzene	17.146	146	2355178	10.140	ppbv	98
77) 1,2-Dichlorobenzene	17.825	146	2341442	9.979	ppbv	99
78) Hexachloro-1,3-Butadiene	23.381	225	1993868	9.293	ppbv	100
79) Naphthalene	22.204	128	3891594	12.291	ppbv	99
80) Naphthalene,2-methyl-	24.972	142	1696245	14.420	ppbv	96
81) 1,2,4-Trichlorobenzene	21.931	180	2168367	10.811	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.007 min
Lab File: VL039159.D
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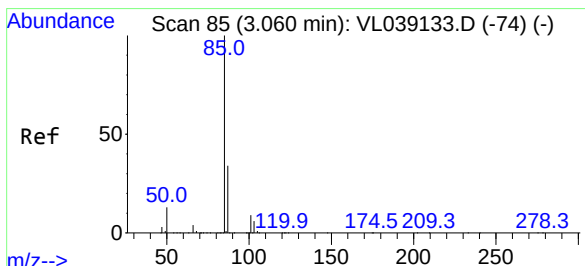
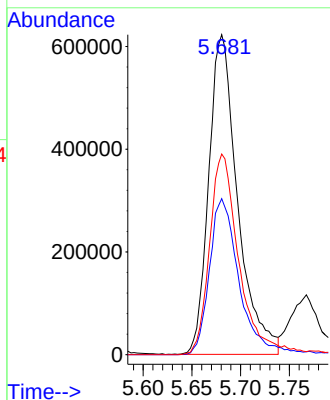
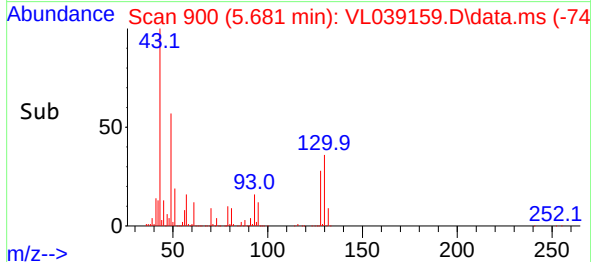
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



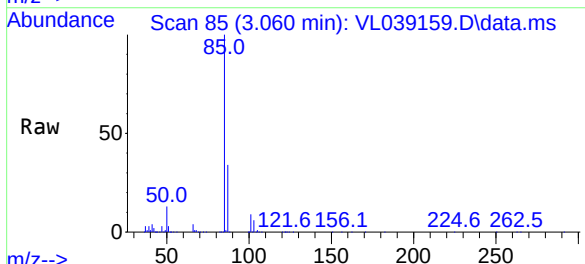
Tgt Ion: 49 Resp: 1284574
Ion Ratio Lower Upper
49 100
128 51.4 24.7 74.1
130 65.5 31.4 94.0

Manual Integrations
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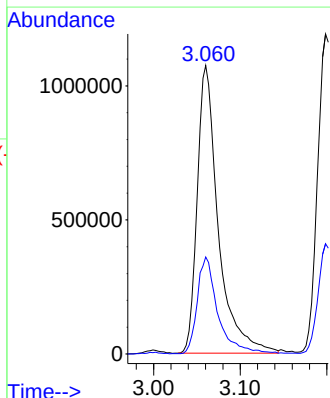
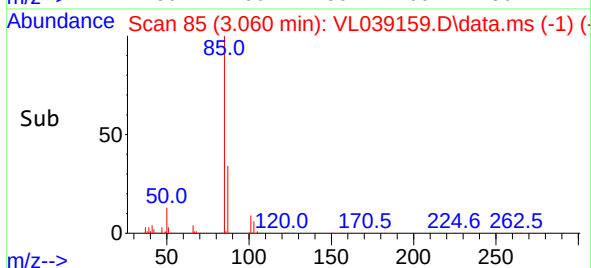
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

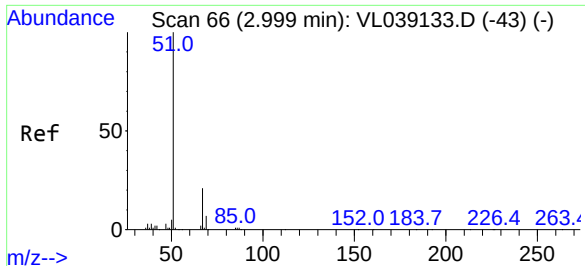


#2
Dichlorodifluoromethane
Concen: 8.025 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



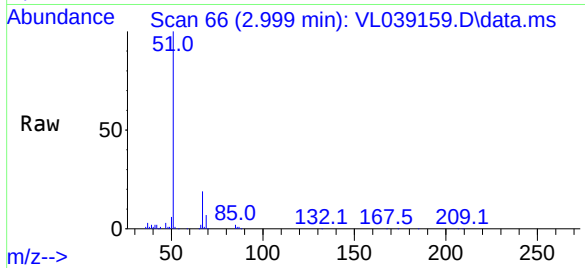
Tgt Ion: 85 Resp: 1810663
Ion Ratio Lower Upper
85 100
87 33.6 26.9 40.3





#3
Chlorodifluoromethane
Concen: 9.667 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.000 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

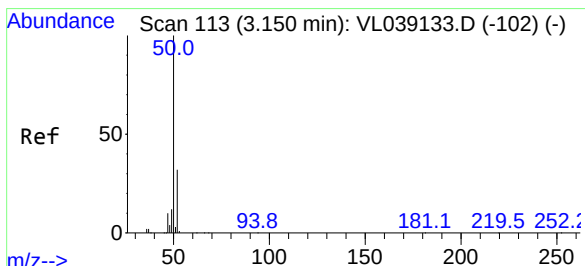
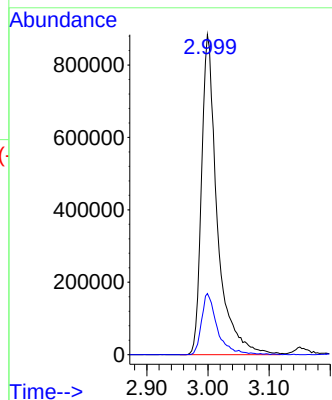
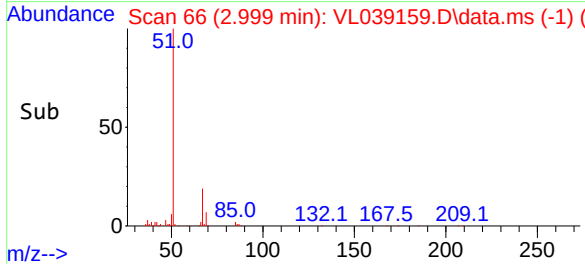
Instrument :
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ClientSampleId :
VL0603ABS01



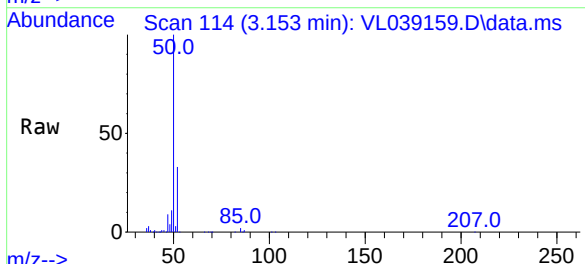
Tgt Ion: 51 Resp: 1579979
Ion Ratio Lower Upper
51 100
67 19.4 16.2 24.4

Manual Integrations
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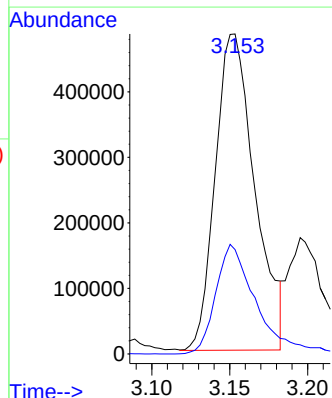
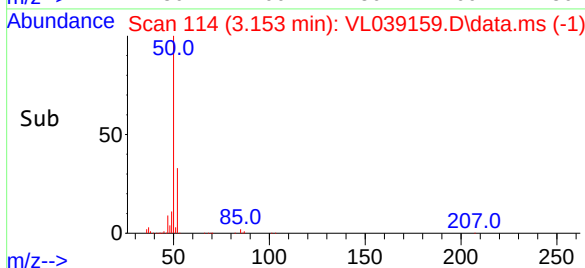
Reviewed By :Semsettin Yesilyurt 06/05/2022
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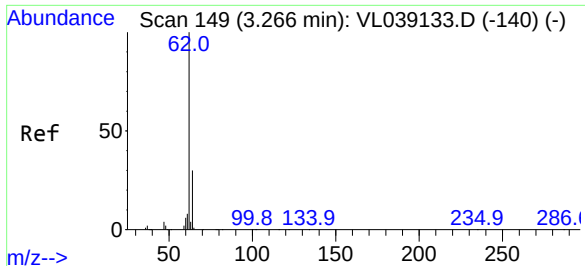


#4
Chloromethane
Concen: 10.171 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



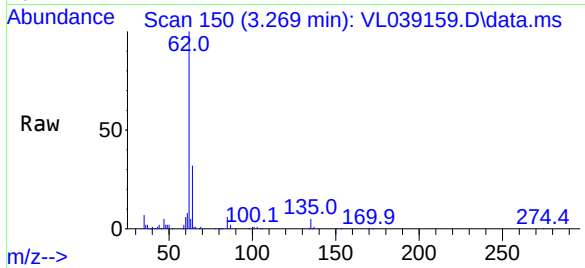
Tgt Ion: 50 Resp: 853884
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9





#5
 Vinyl Chloride
 Concen: 10.368 ppbv
 RT: 3.269 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45

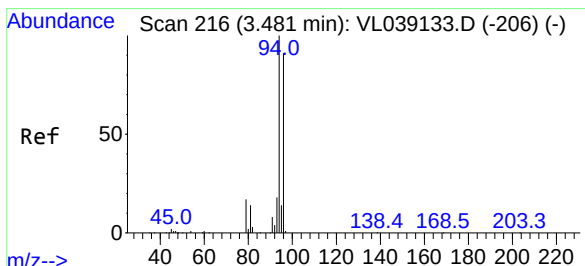
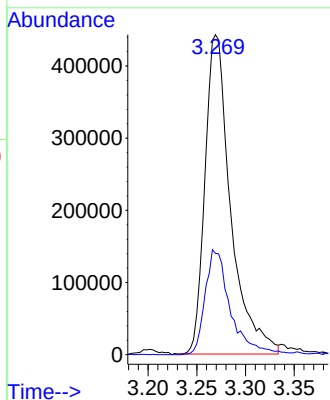
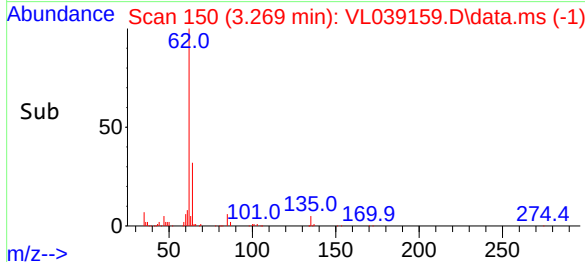
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01



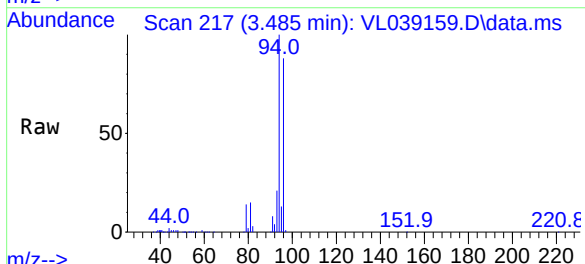
Tgt Ion: 62 Resp: 813749
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.2 36.2

Manual Integrations
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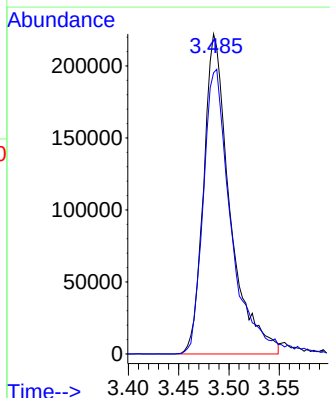
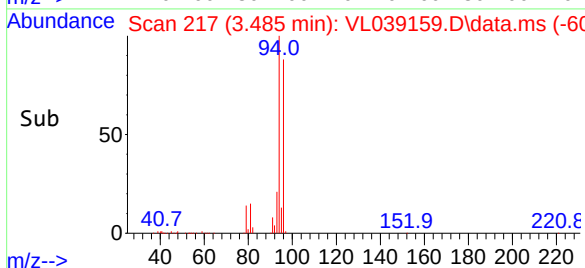
Reviewed By :Semsettin Yesilyurt 06/05/2022
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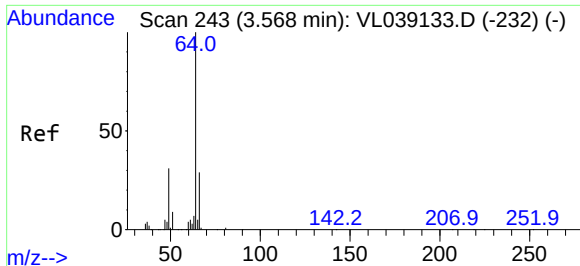


#6
 Bromomethane
 Concen: 10.476 ppbv
 RT: 3.485 min Scan# 217
 Delta R.T. 0.003 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45



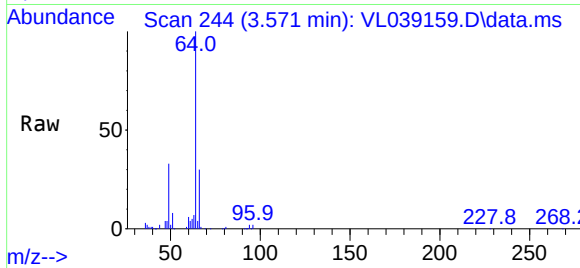
Tgt Ion: 94 Resp: 404466
 Ion Ratio Lower Upper
 94 100
 96 87.7 73.0 109.4





#7
Chloroethane
Concen: 10.517 ppbv
RT: 3.571 min Scan# 243
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

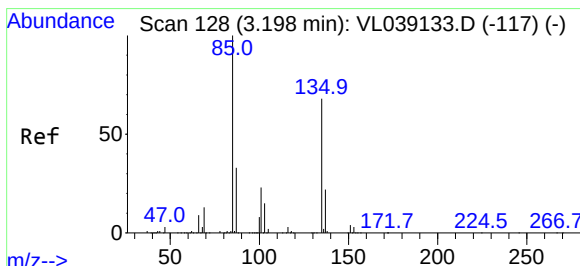
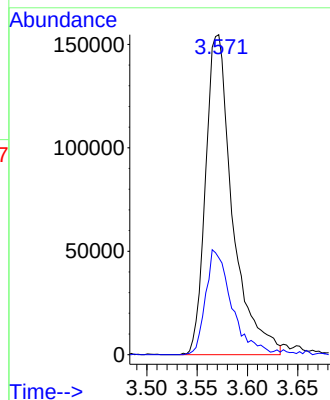
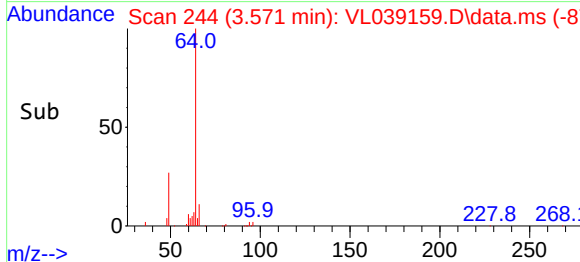
Instrument :
MSVOA_L
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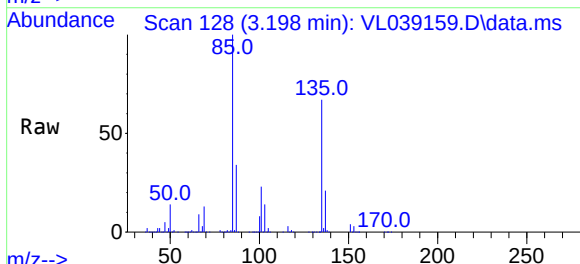
Tgt Ion: 64 Resp: 287609
Ion Ratio Lower Upper
64 100
66 30.3 23.6 35.4

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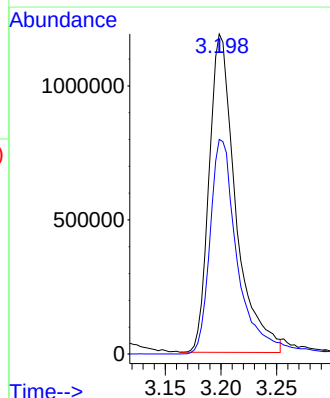
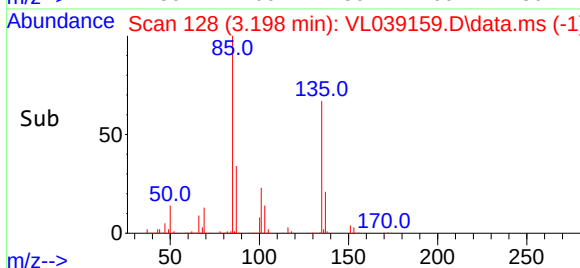
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

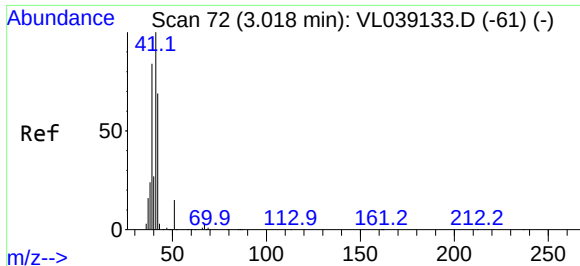


#8
Dichlorotetrafluoroethane
Concen: 9.567 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.000 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion: 85 Resp: 1972753
Ion Ratio Lower Upper
85 100
135 71.6 55.0 82.4





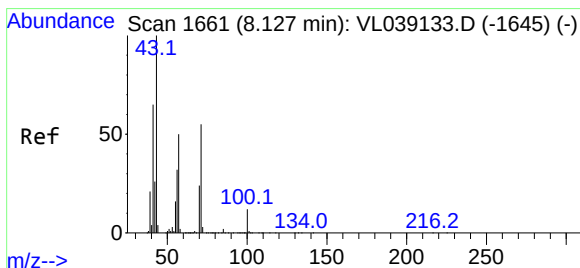
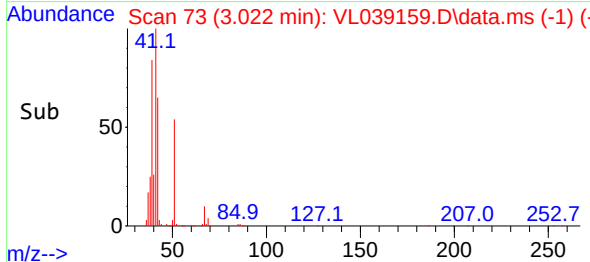
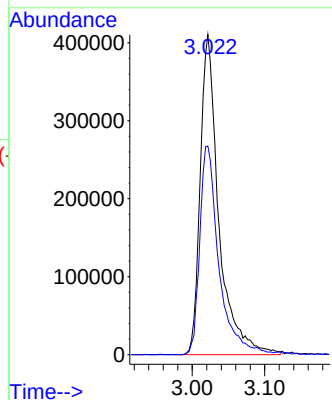
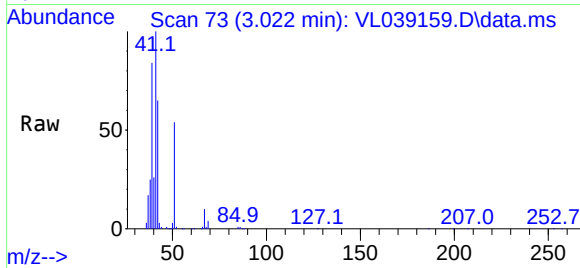
#9
 Propene
 Concen: 10.244 ppbv
 RT: 3.022 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

Tgt Ion: 41 Resp: 730069
 Ion Ratio Lower Upper
 41 100
 42 67.8 55.4 83.2

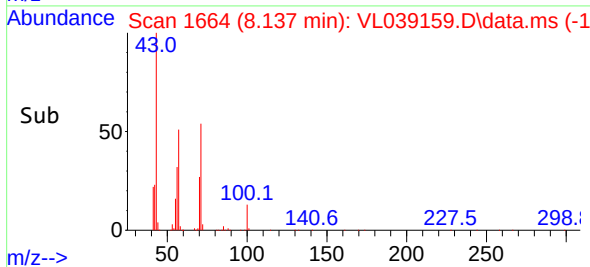
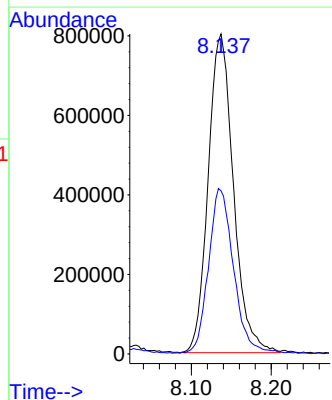
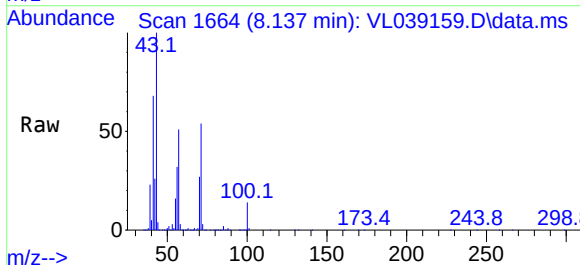
Manual Integrations
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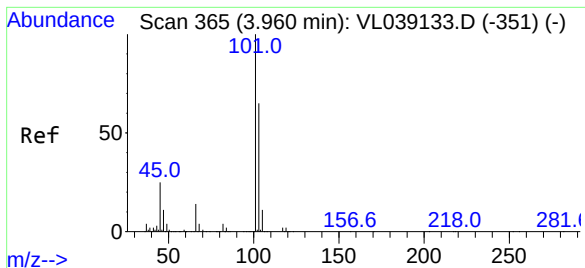
Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022



#10
 Heptane
 Concen: 10.577 ppbv
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.010 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45

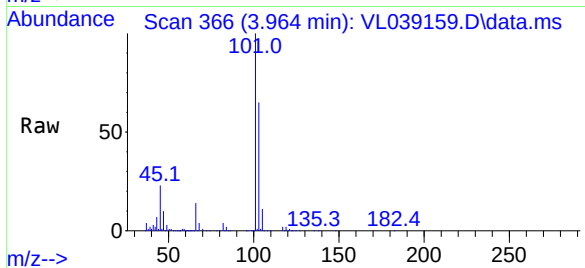
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 Ion Ratio Lower Upper
 43 100
 57 51.3 41.4 62.2





#11
Trichlorofluoromethane
Concen: 9.676 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

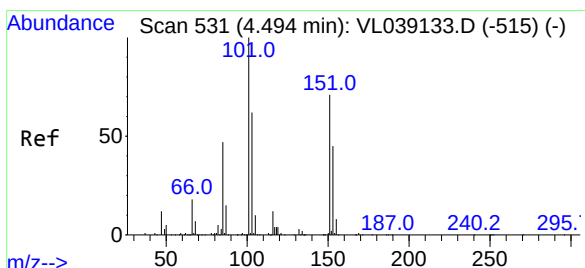
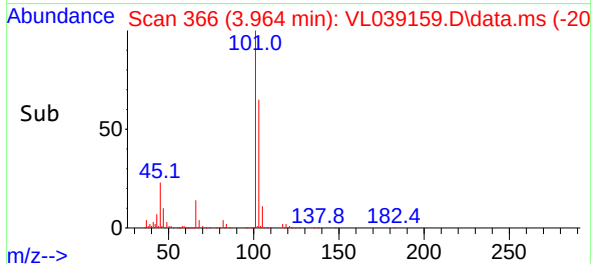
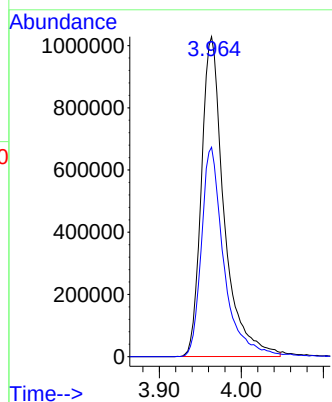
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



Tgt Ion:101 Resp: 1976229
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

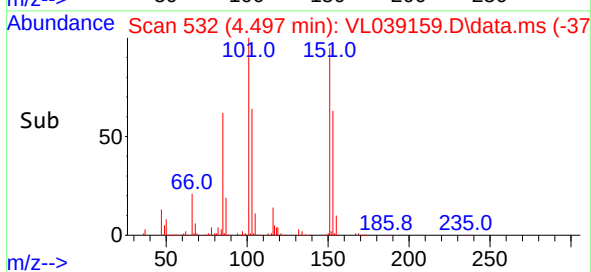
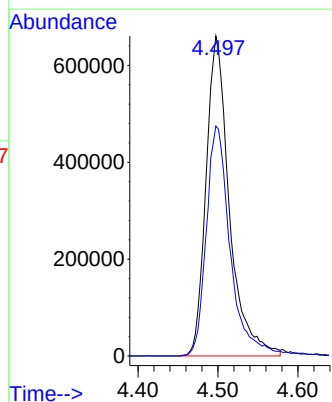
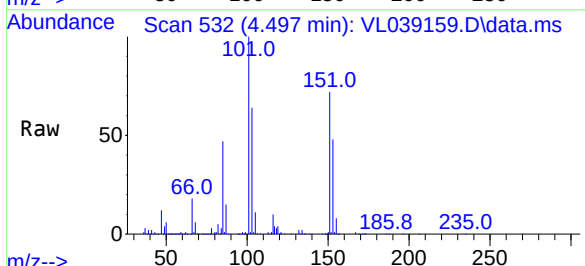
Manual Integrations
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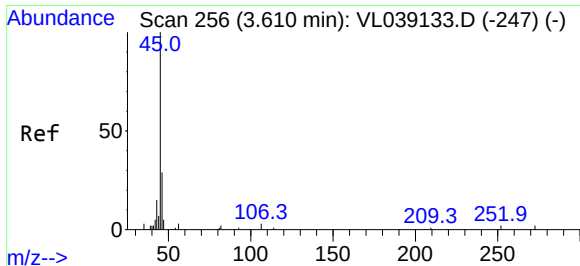
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.920 ppbv
RT: 4.497 min Scan# 532
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

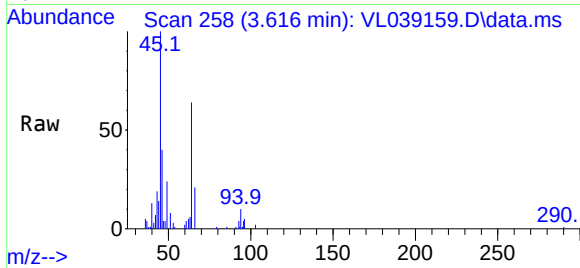
Tgt Ion:101 Resp: 1339851
Ion Ratio Lower Upper
101 100
151 74.5 59.4 89.0





#13
Ethanol
Concen: 10.541 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

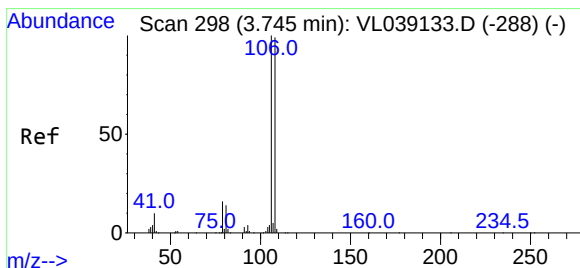
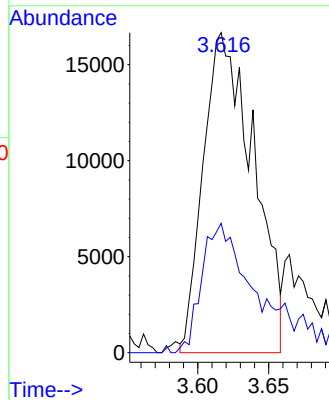
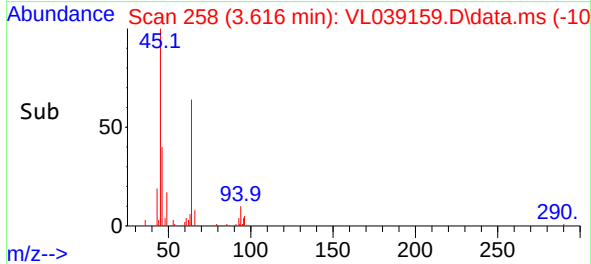
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



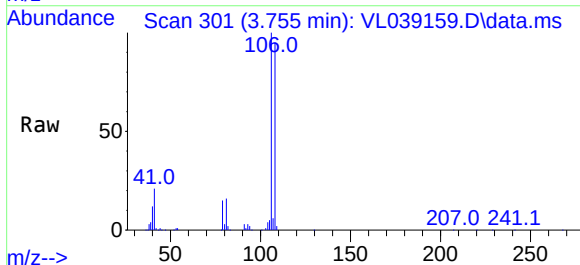
Tgt Ion: 45 Resp: 40970
Ion Ratio Lower Upper
45 100
46 49.3 0.0 0.0

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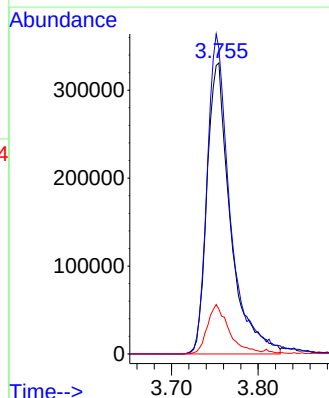
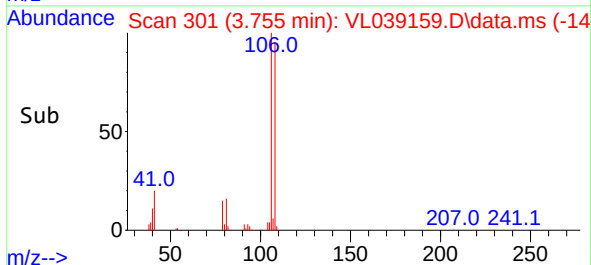
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

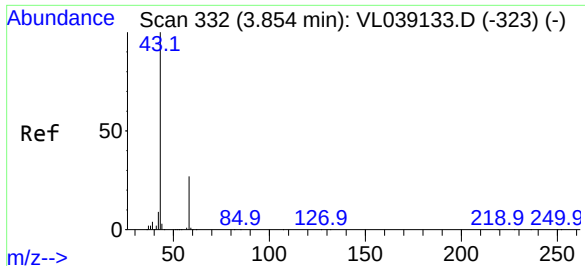


#14
Bromoethene
Concen: 10.254 ppbv
RT: 3.755 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



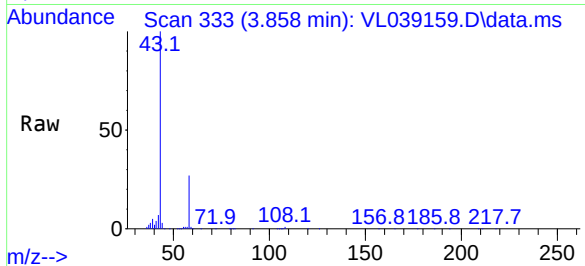
Tgt Ion:108 Resp: 622598
Ion Ratio Lower Upper
108 100
106 109.0 88.4 132.6
79 16.9 13.4 20.2





#15
Acetone
Concen: 9.786 ppbv
RT: 3.858 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

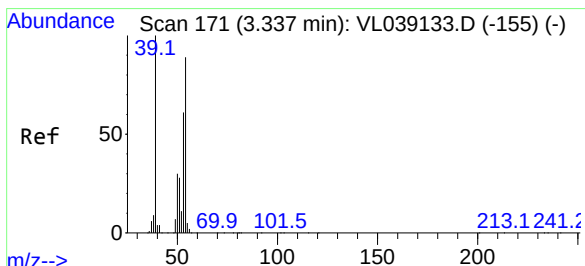
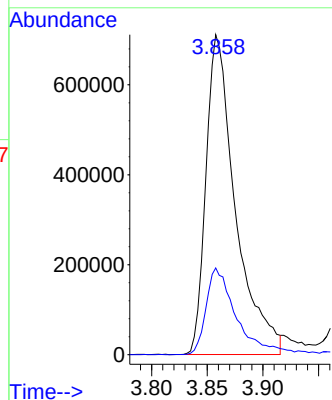
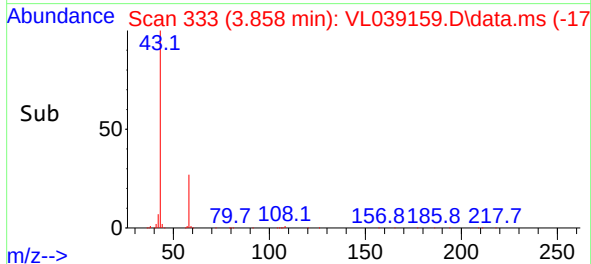
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



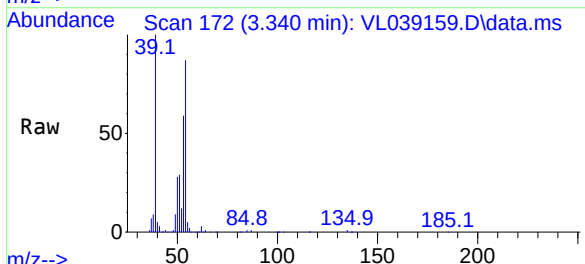
Tgt Ion: 43 Resp: 130943
Ion Ratio Lower Upper
43 100
58 28.3 22.5 33.7

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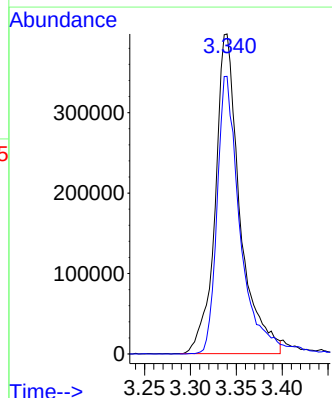
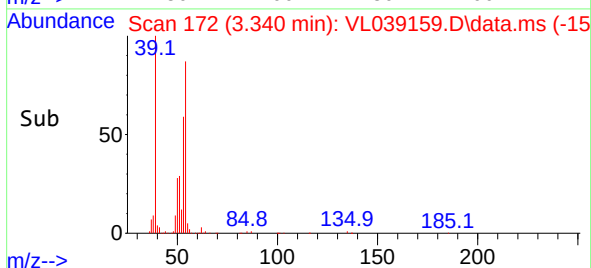
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

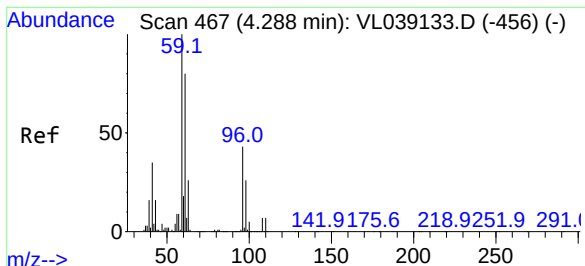


#16
1,3-Butadiene
Concen: 10.359 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion: 39 Resp: 745175
Ion Ratio Lower Upper
39 100
54 82.7 65.8 98.6





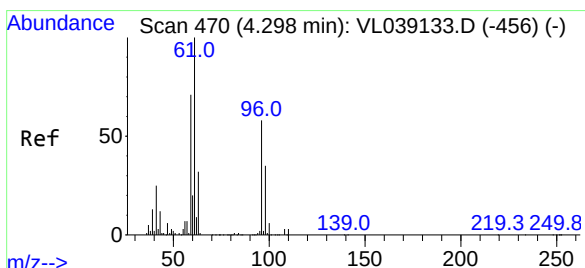
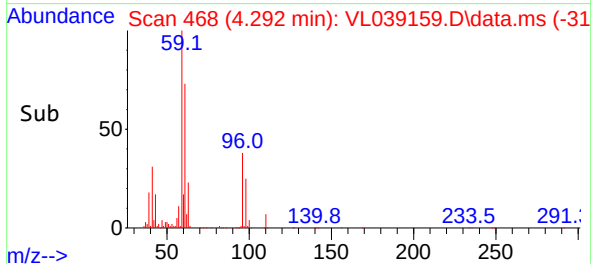
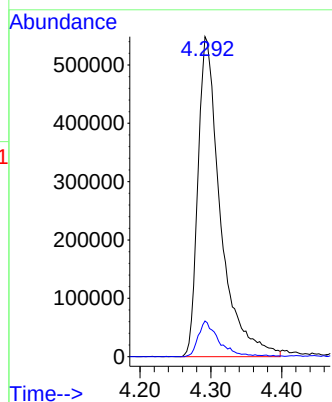
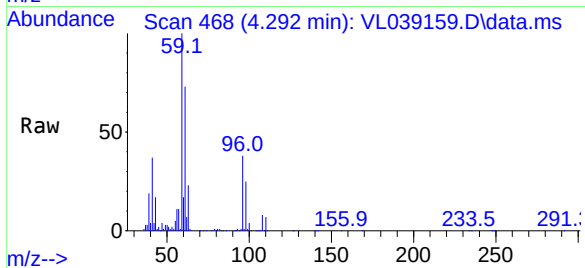
#17
tert-Butyl alcohol
Concen: 11.652 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

Tgt Ion: 59 Resp: 120940
Ion Ratio Lower Upper
59 100
57 10.4 9.1 13.7

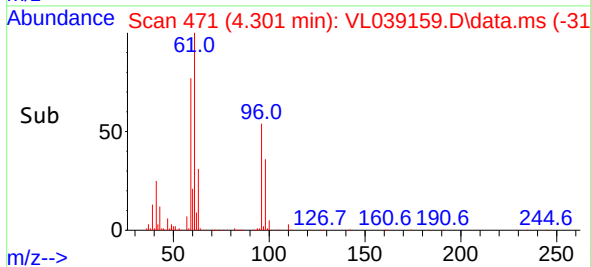
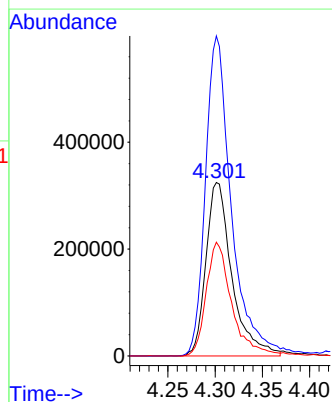
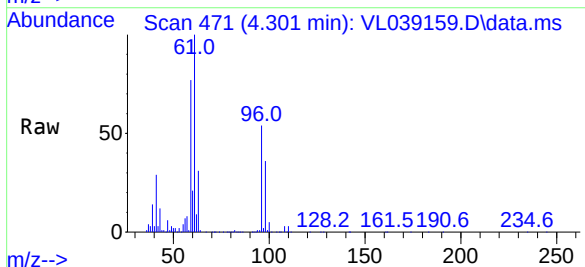
Manual Integrations
APPROVED

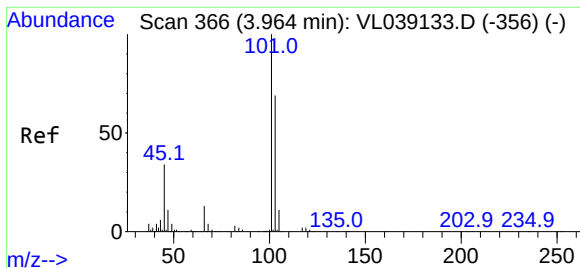
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#18
1,1-Dichloroethene
Concen: 10.270 ppbv
RT: 4.301 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

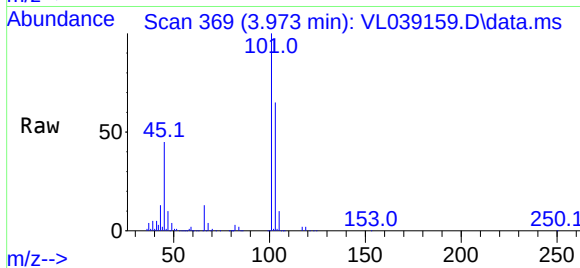
Tgt Ion: 96 Resp: 622218
Ion Ratio Lower Upper
96 100
61 184.2 138.4 207.6
98 65.6 47.8 71.8





#19
Isopropyl Alcohol
Concen: 11.193 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

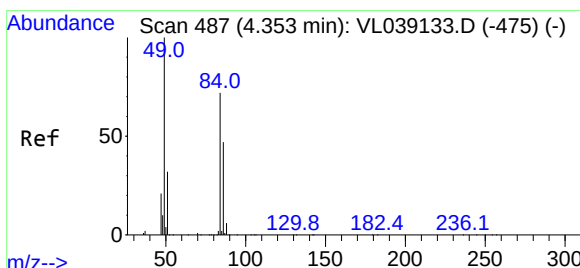
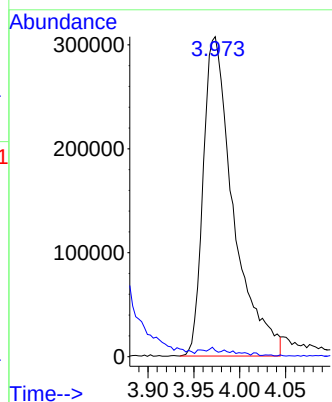
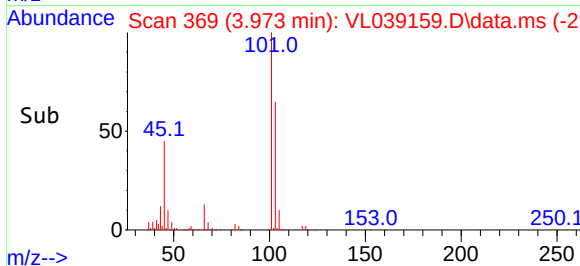
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



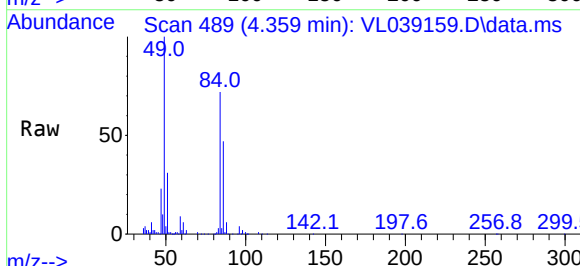
Tgt Ion: 45 Resp: 702480
Ion Ratio Lower Upper
45 100
58 2.9 1.8 2.8

Manual Integrations
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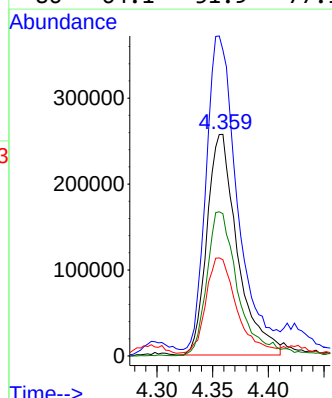
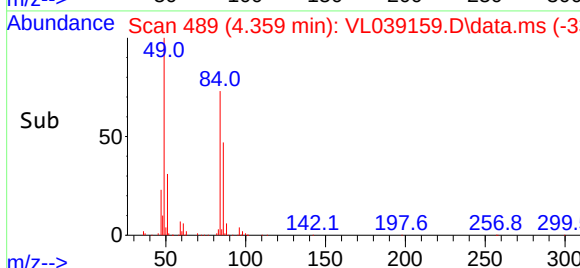
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

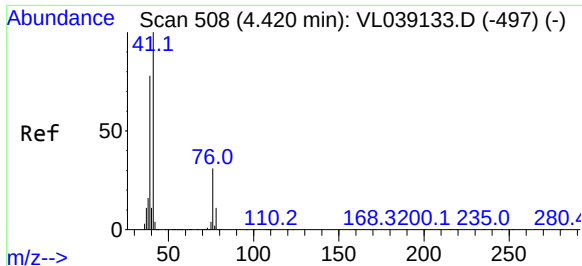


#20
Methylene Chloride
Concen: 8.681 ppbv
RT: 4.359 min Scan# 489
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



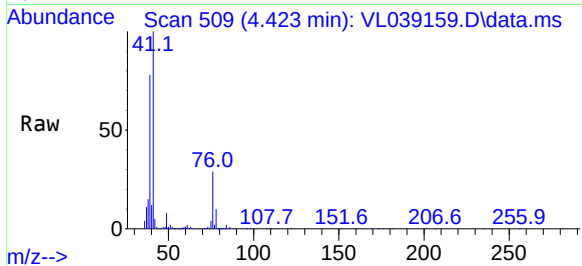
Tgt Ion: 84 Resp: 489515
Ion Ratio Lower Upper
84 100
49 135.8 111.1 166.7
51 42.2 35.3 52.9
86 64.1 51.9 77.9





#21
 Allyl Chloride
 Concen: 9.796 ppbv
 RT: 4.423 min Scan# 508
 Delta R.T. 0.003 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45

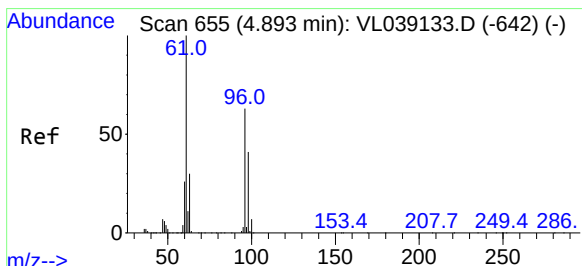
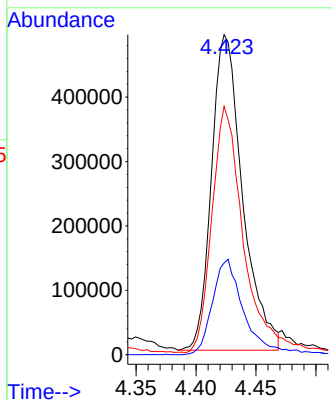
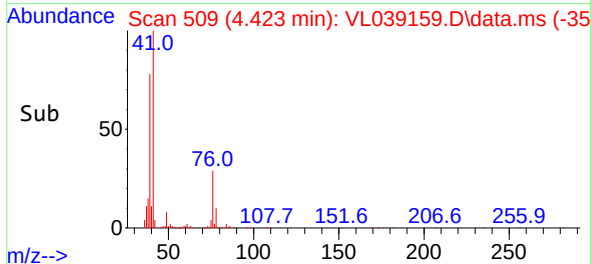
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01



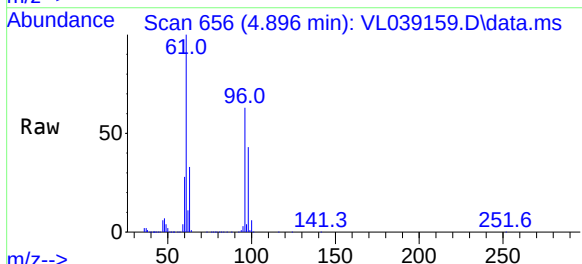
Tgt Ion: 41 Resp: 884260
 Ion Ratio Lower Upper
 41 100
 76 30.9 24.2 36.2
 39 81.4 62.2 93.2

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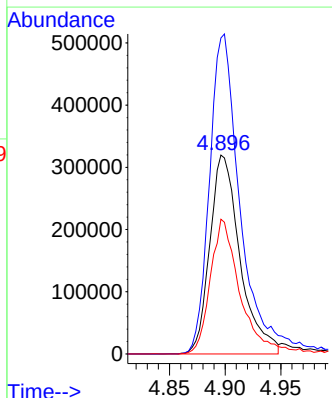
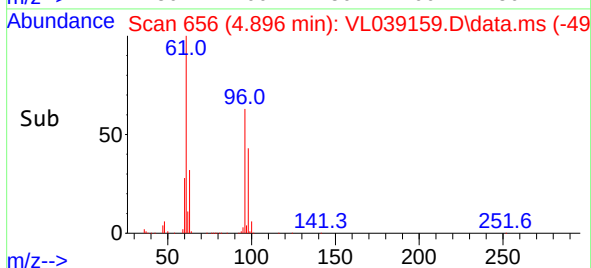
Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

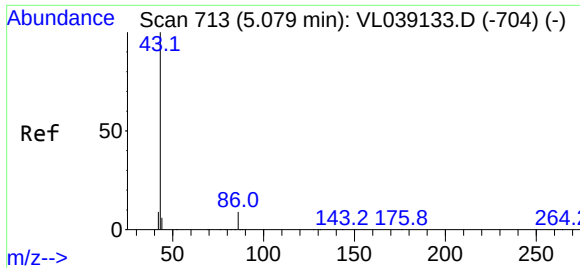


#22
 trans-1,2-Dichloroethene
 Concen: 10.383 ppbv
 RT: 4.896 min Scan# 656
 Delta R.T. 0.003 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45



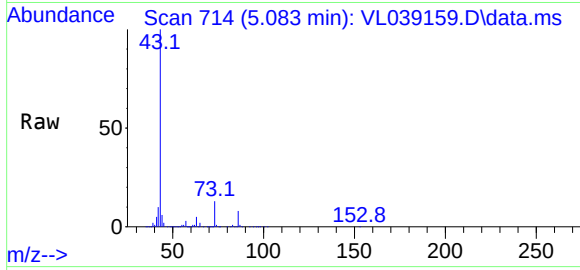
Tgt Ion: 96 Resp: 605300
 Ion Ratio Lower Upper
 96 100
 61 158.8 126.6 190.0
 98 67.8 52.5 78.7





#23
 Vinyl Acetate
 Concen: 10.860 ppbv
 RT: 5.083 min Scan# 713
 Delta R.T. 0.003 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

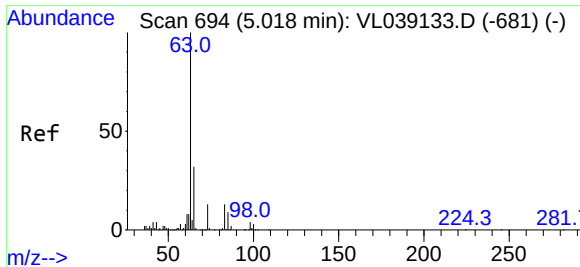
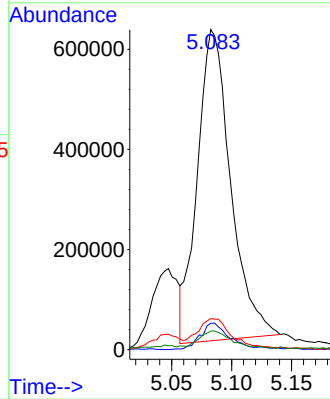
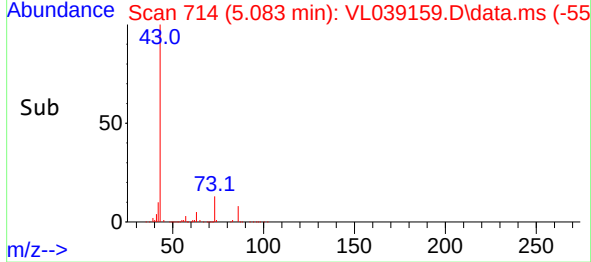


Tgt Ion: 43 Resp: 120240

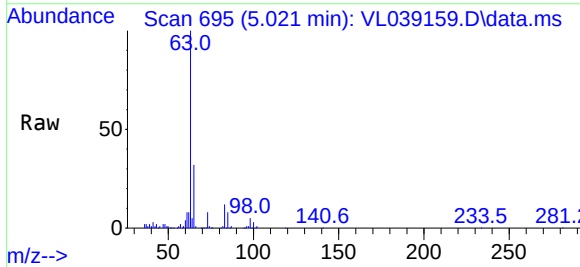
Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.0	9.0
42	9.5	8.2	12.4
44	5.2	4.3	6.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

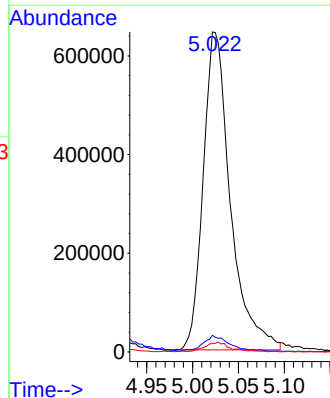
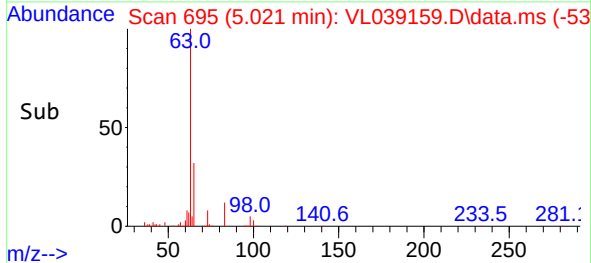


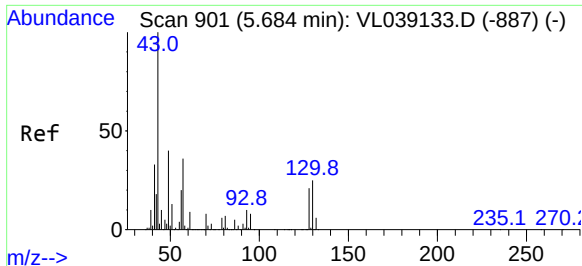
#24
 1,1-Dichloroethane
 Concen: 8.767 ppbv
 RT: 5.021 min Scan# 695
 Delta R.T. 0.003 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45



Tgt Ion: 63 Resp: 1329840

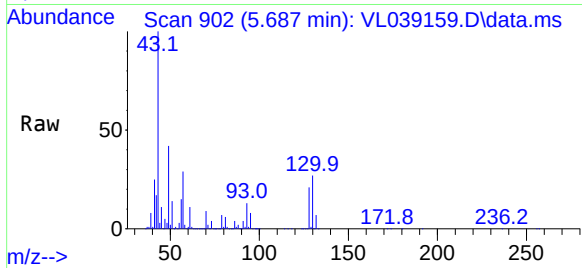
Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.1	6.2
100	2.5	1.5	4.5





#25
Ethyl Acetate
Concen: 10.243 ppbv
RT: 5.687 min Scan# 901
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

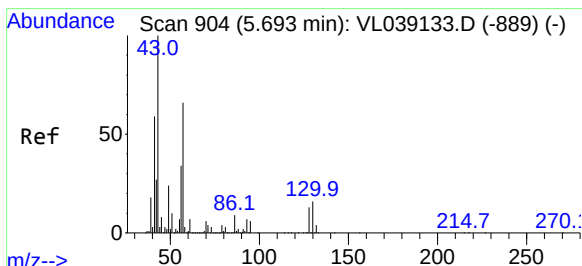
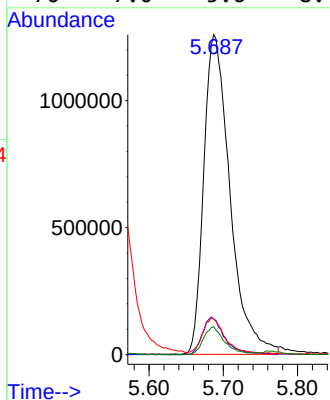
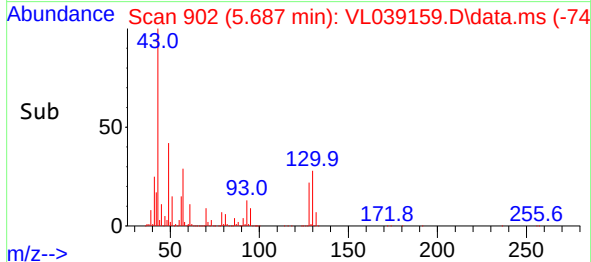


Tgt Ion: 43 Resp: 308934

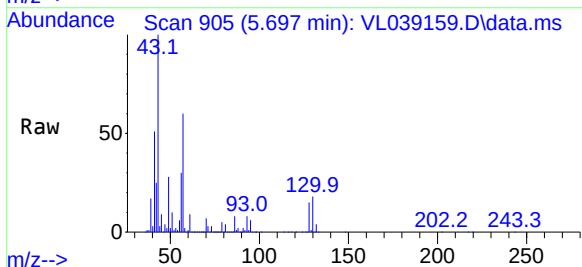
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	10.2	8.4	12.6
70	7.0	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

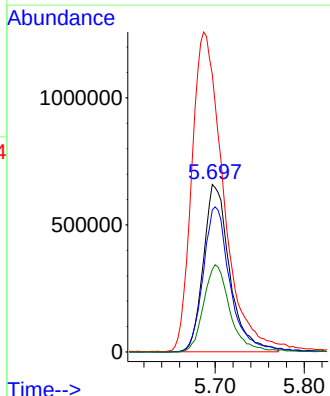
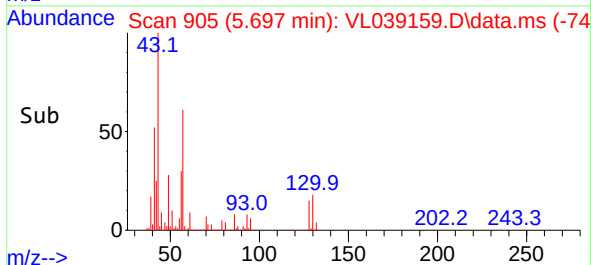


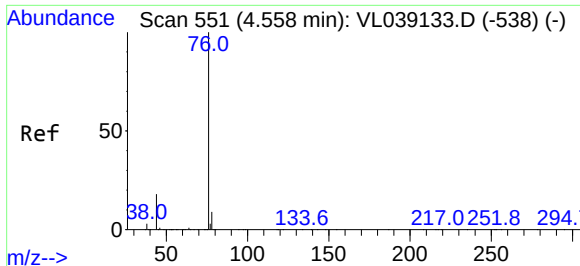
#26
Hexane
Concen: 10.175 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion: 57 Resp: 1348608

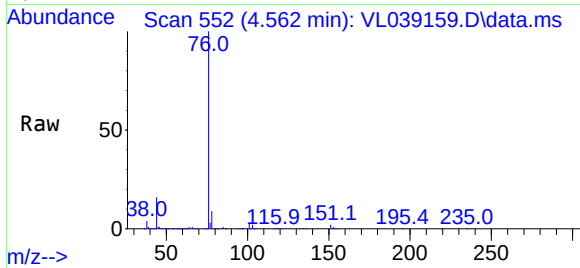
Ion	Ratio	Lower	Upper
57	100		
41	90.0	72.4	108.6
43	233.0	187.0	280.6
56	53.0	41.8	62.6





#27
Carbon Disulfide
Concen: 10.330 ppbv
RT: 4.562 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

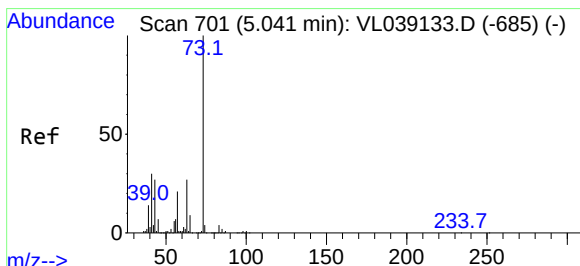
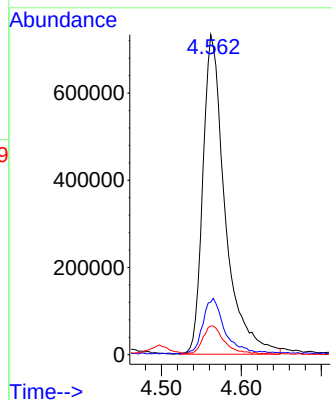
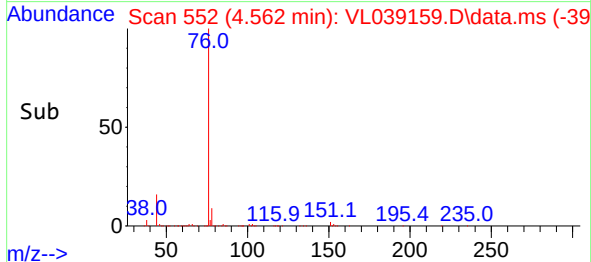


Tgt Ion: 76 Resp: 141899

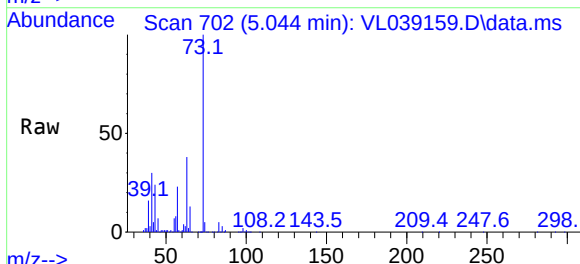
Ion	Ratio	Lower	Upper
76	100		
44	17.5	14.4	21.6
78	9.2	7.7	11.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

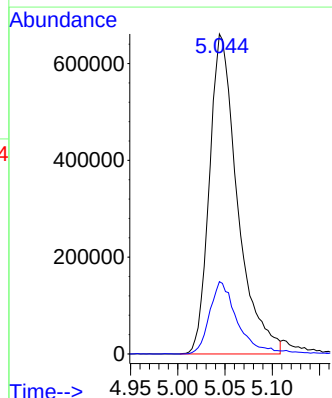
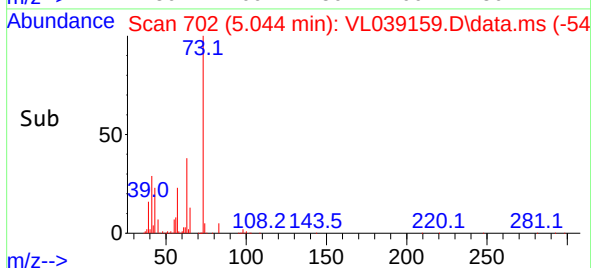


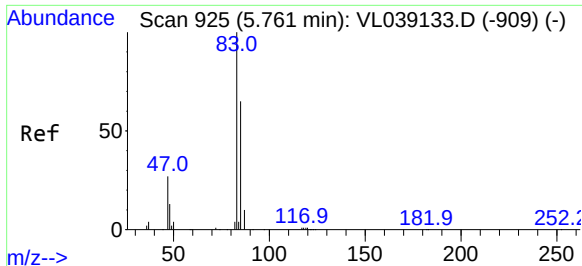
#28
Methyl tert-Butyl Ether
Concen: 9.329 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion: 73 Resp: 1365014

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.6	27.8





#29

Chloroform

Concen: 10.034 ppbv

RT: 5.764 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL039159.D

Acq: 3 Jun 2022 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

Tgt Ion: 83 Resp: 223771

Ion Ratio Lower Upper

83 100

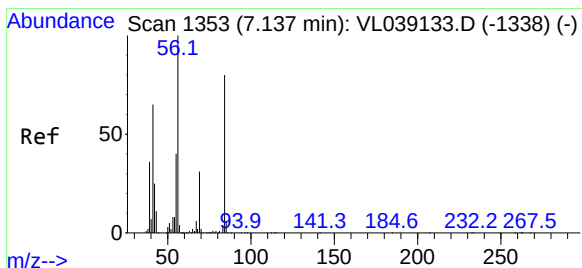
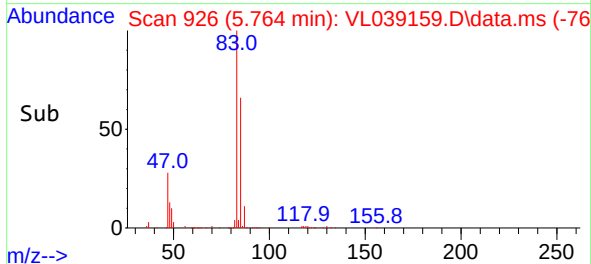
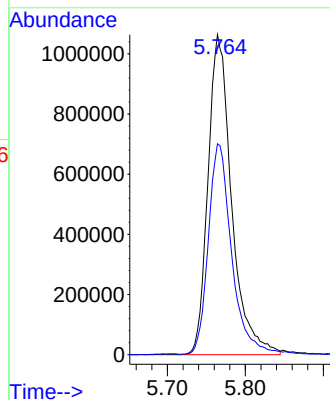
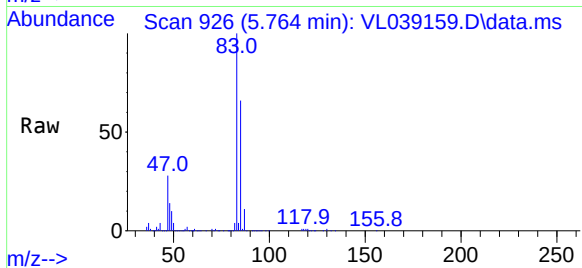
85 65.8 52.4 78.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2022

Supervised By :Mahesh Dadoda 06/06/2022



#30

Cyclohexane

Concen: 10.324 ppbv

RT: 7.144 min Scan# 1355

Delta R.T. 0.007 min

Lab File: VL039159.D

Acq: 3 Jun 2022 18:45

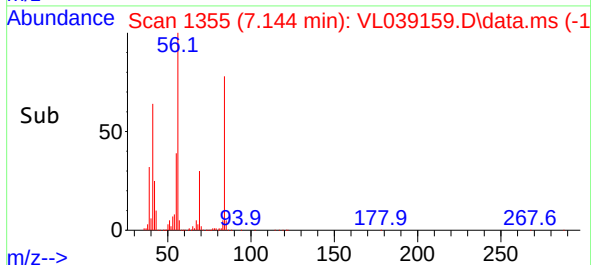
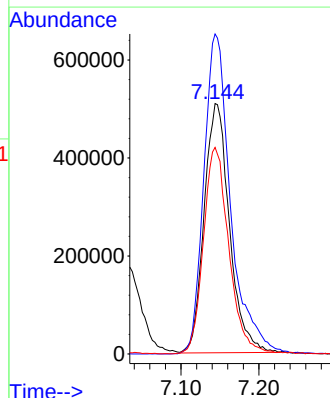
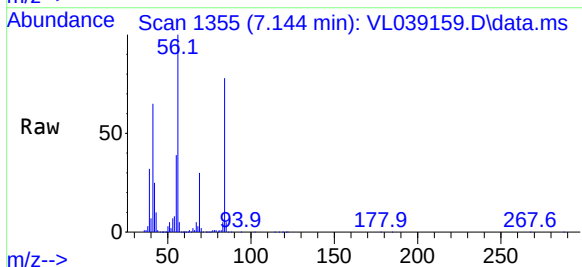
Tgt Ion: 84 Resp: 1149468

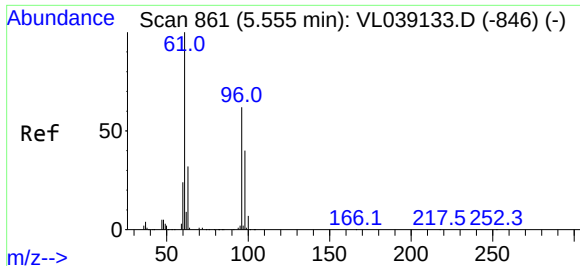
Ion Ratio Lower Upper

84 100

56 136.5 110.6 165.8

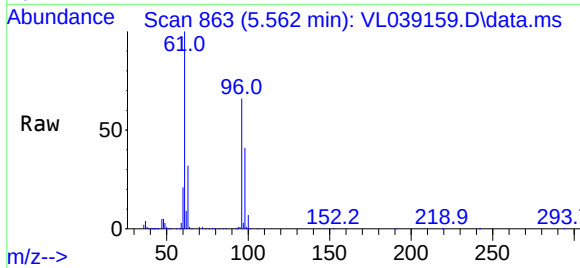
41 84.0 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 10.457 ppbv
RT: 5.562 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

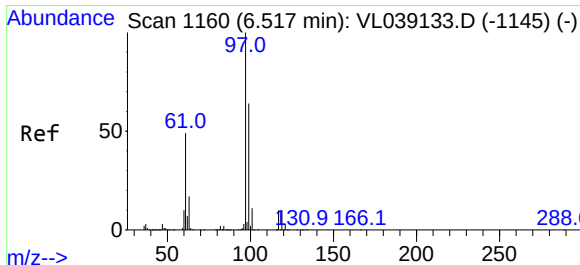
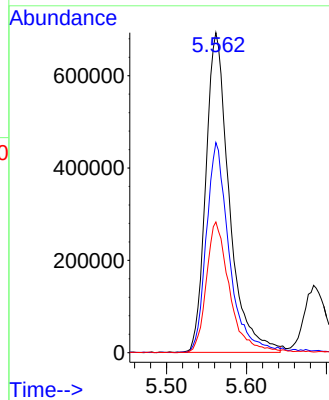
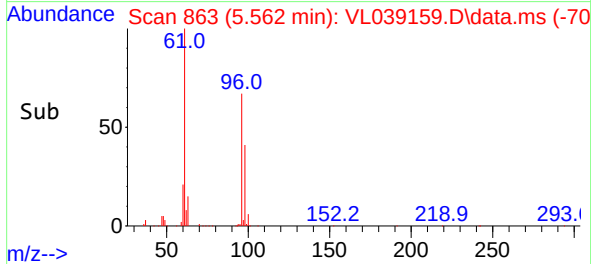
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



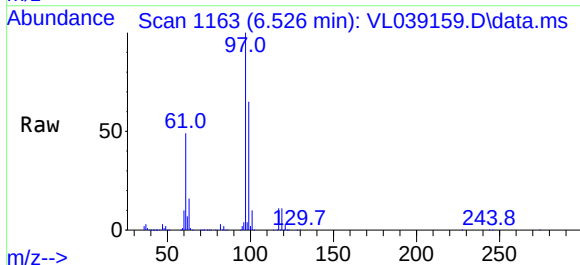
Tgt Ion: 61 Resp: 141314
Ion Ratio Lower Upper
61 100
96 65.5 49.9 74.9
98 40.8 32.0 48.0

Manual Integrations
APPROVED

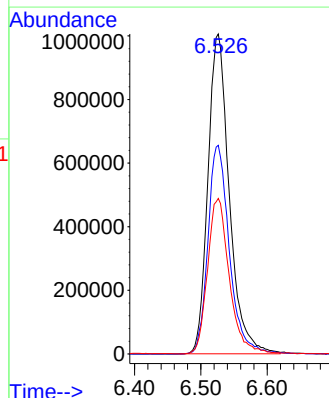
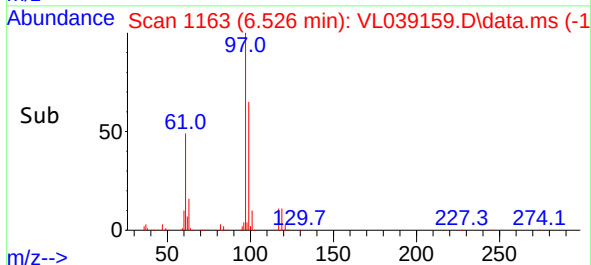
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

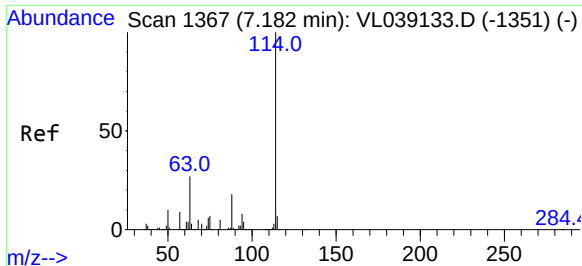


#32
1,1,1-Trichloroethane
Concen: 10.321 ppbv
RT: 6.526 min Scan# 1163
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion: 97 Resp: 2252342
Ion Ratio Lower Upper
97 100
99 65.7 52.1 78.1
61 49.8 40.0 60.0





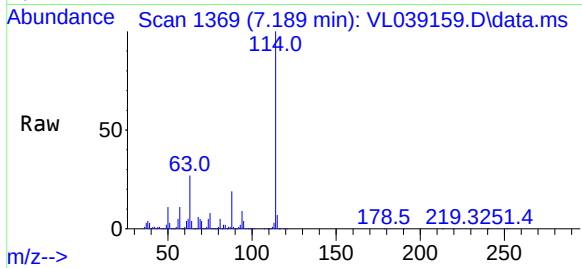
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.189 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

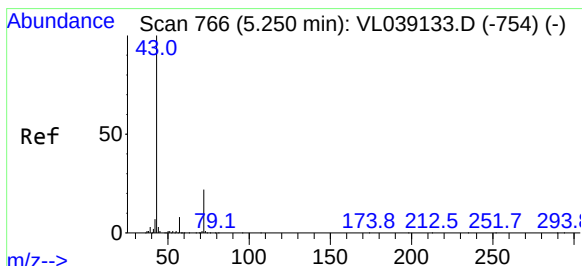
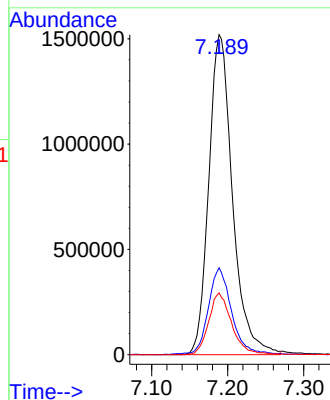
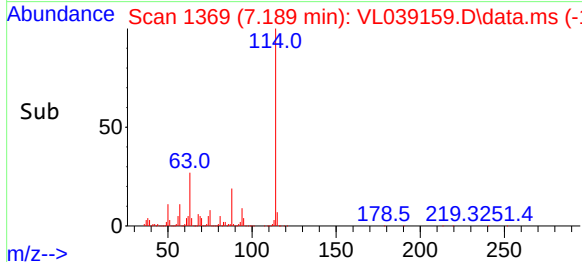


Tgt Ion:114 Resp: 329044
Ion Ratio Lower Upper
114 100
63 26.9 21.7 32.5
88 18.9 14.8 22.2

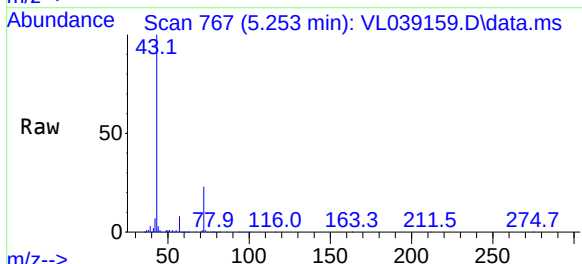
Manual Integrations

APPROVED

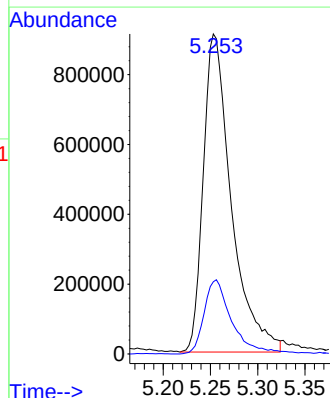
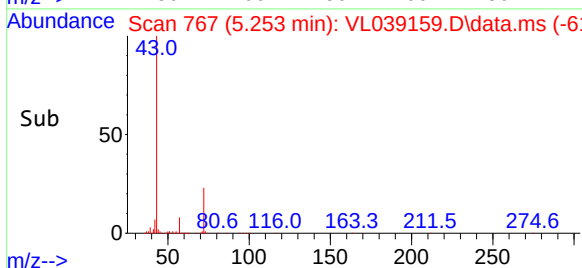
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

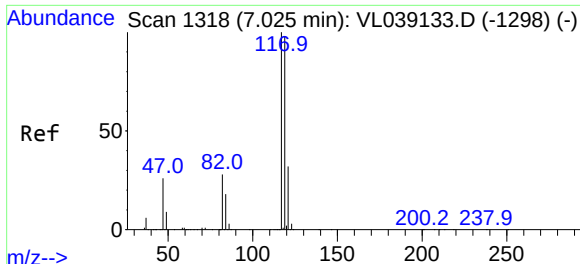


#34
2-Butanone
Concen: 10.517 ppbv
RT: 5.253 min Scan# 767
Delta R.T. 0.003 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion: 43 Resp: 1880007
Ion Ratio Lower Upper
43 100
72 23.4 18.2 27.2





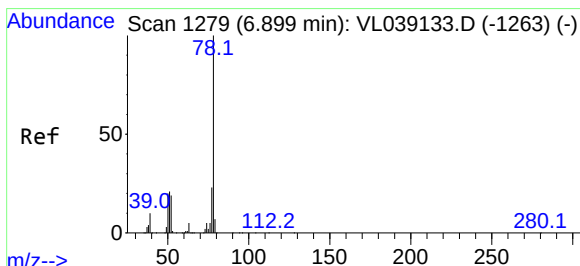
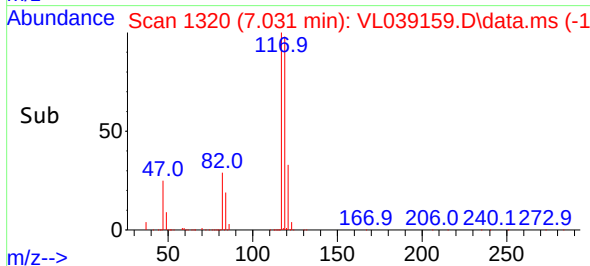
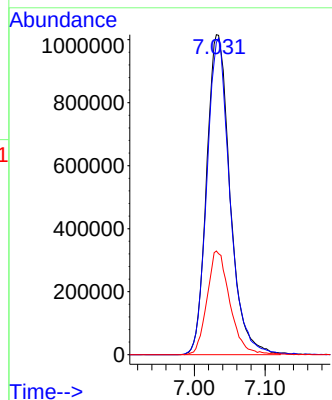
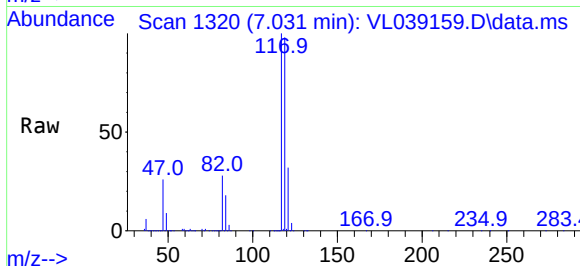
#35
Carbon Tetrachloride
Concen: 9.729 ppbv
RT: 7.031 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

Tgt Ion:117 Resp: 233654
Ion Ratio Lower Upper
117 100
119 97.6 78.6 118.0
121 32.4 25.4 38.0

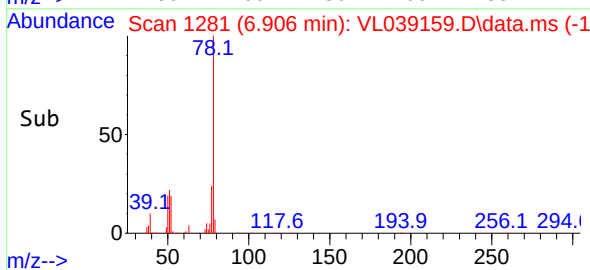
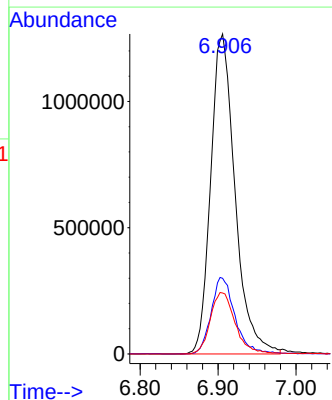
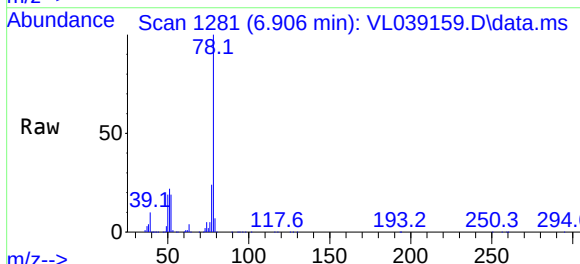
Manual Integrations
APPROVED

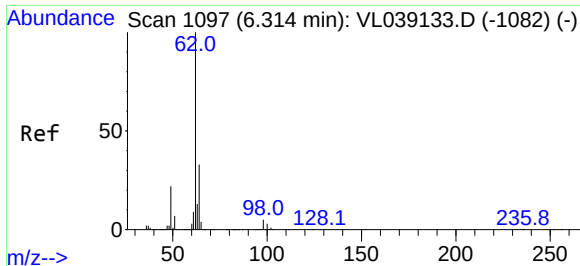
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#36
Benzene
Concen: 10.298 ppbv
RT: 6.906 min Scan# 1281
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

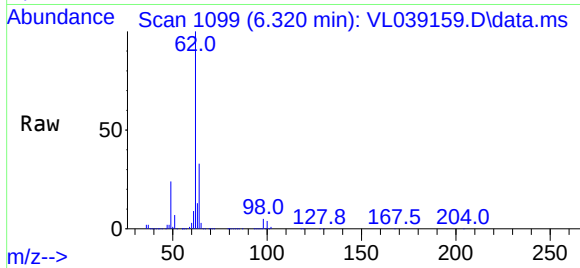
Tgt Ion: 78 Resp: 2750913
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8
50 19.0 15.8 23.8





#37
1,2-Dichloroethane
Concen: 10.004 ppbv
RT: 6.320 min Scan# 1099
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

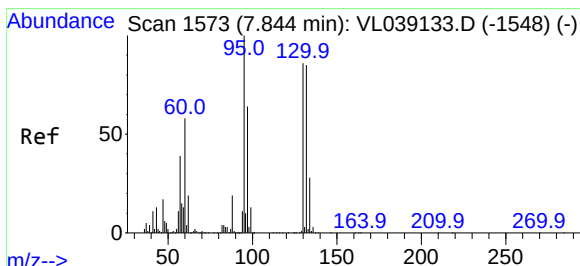
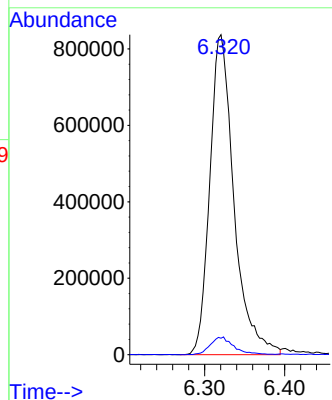
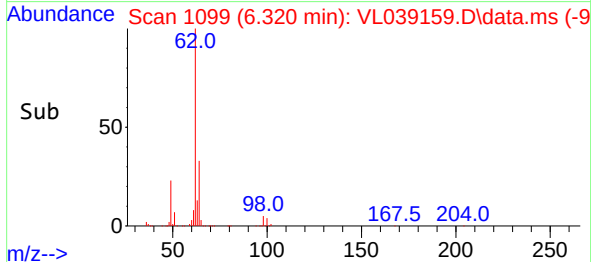
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



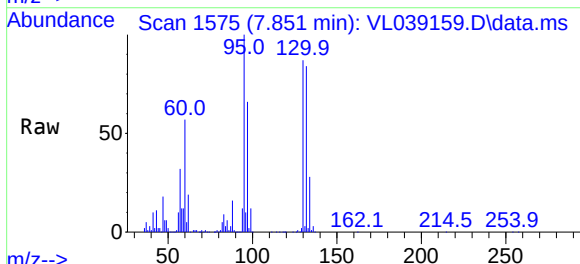
Tgt Ion: 62 Resp: 175878
Ion Ratio Lower Upper
62 100
98 5.4 4.3 6.5

Manual Integrations
APPROVED

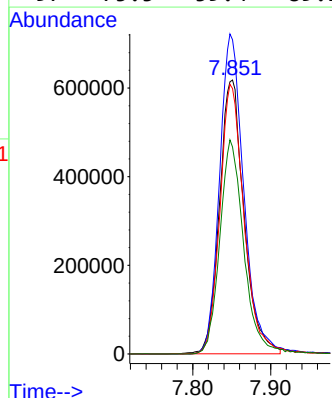
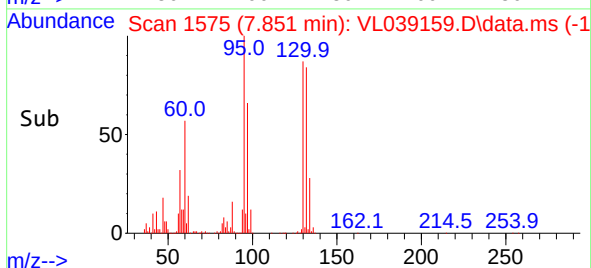
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

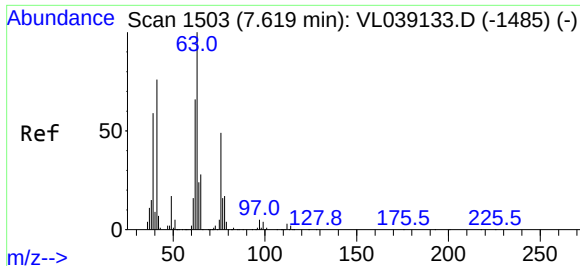


#38
Trichloroethene
Concen: 11.027 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



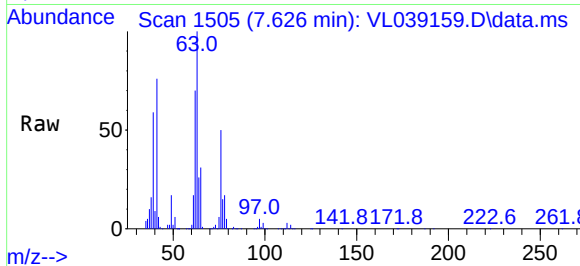
Tgt Ion:130 Resp: 1353067
Ion Ratio Lower Upper
130 100
95 114.7 93.3 139.9
132 96.9 79.0 118.4
97 75.5 59.4 89.2





#39
1,2-Dichloropropane
Concen: 10.229 ppbv
RT: 7.626 min Scan# 1505
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

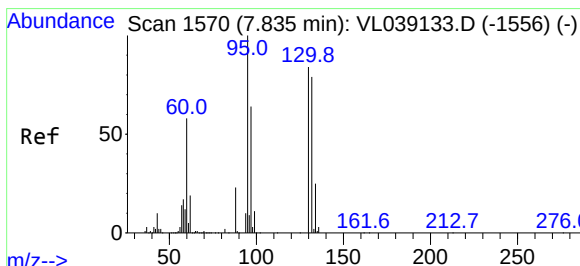
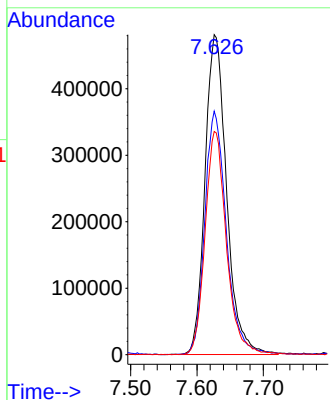
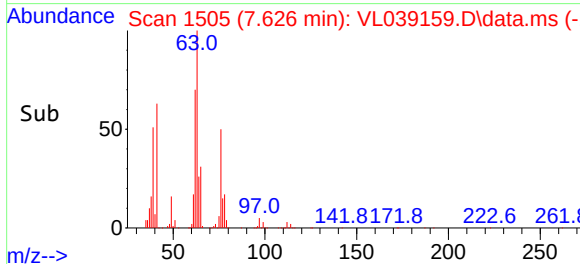
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



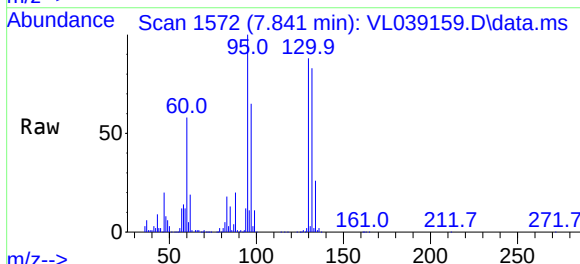
Tgt Ion: 63 Resp: 1086930
Ion Ratio Lower Upper
63 100
41 76.0 60.8 91.2
62 69.7 52.9 79.3

Manual Integrations
APPROVED

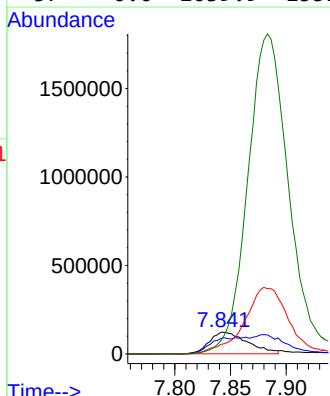
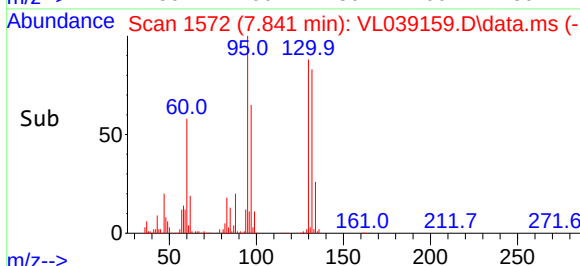
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

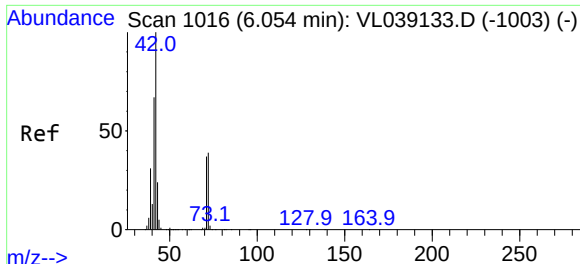


#40
1,4-Dioxane
Concen: 8.351 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



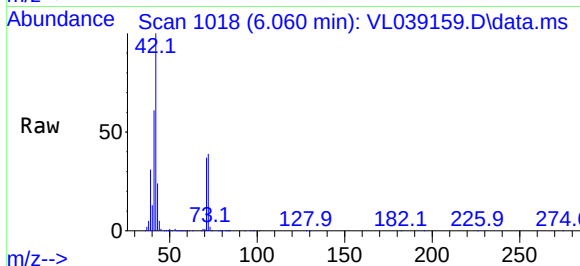
Tgt Ion: 88 Resp: 292119
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 10.614 ppbv
RT: 6.060 min Scan# 1016
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

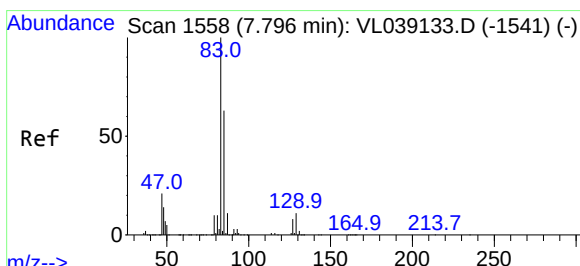
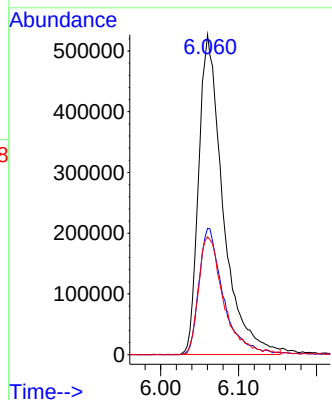
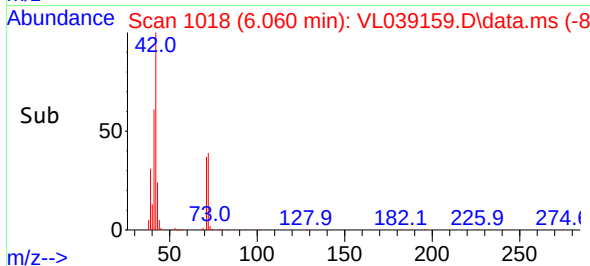
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



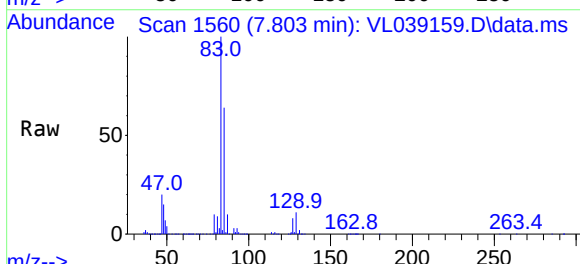
Tgt Ion: 42 Resp: 1141111
Ion Ratio Lower Upper
42 100
72 40.3 32.0 48.0
71 38.5 31.1 46.7

Manual Integrations
APPROVED

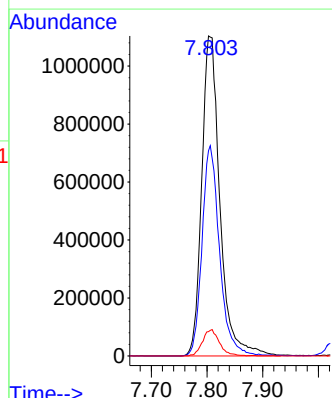
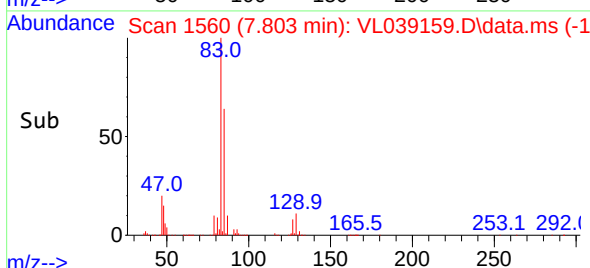
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

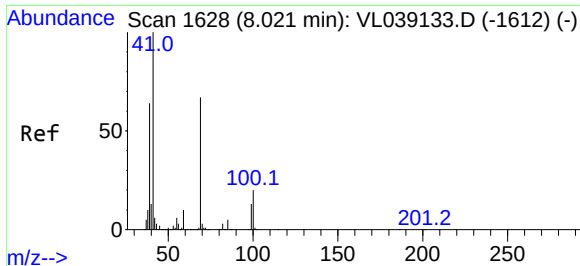


#42
Bromodichloromethane
Concen: 10.272 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. 0.006 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion: 83 Resp: 2506224
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 7.6 6.6 9.8





#43
Methyl Methacrylate
Concen: 11.078 ppbv
RT: 8.028 min Scan# 1630
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :

MSVOA_L

ClientSampleId :

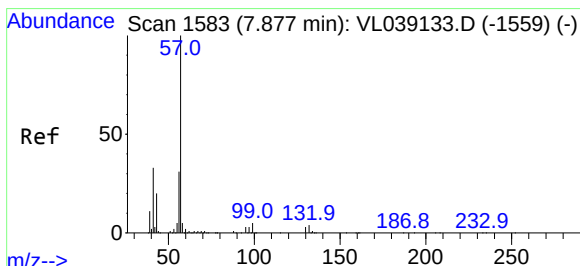
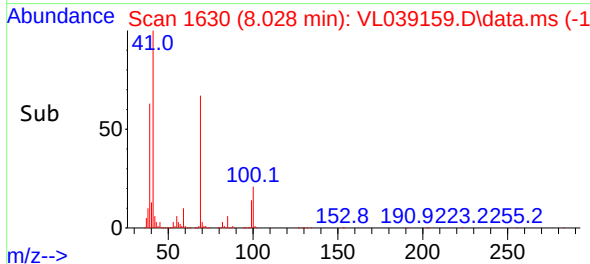
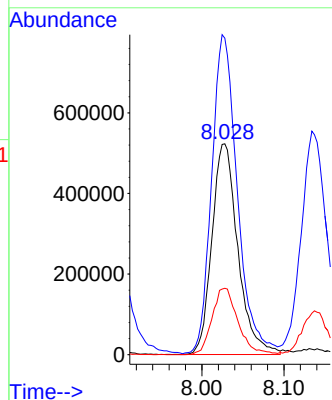
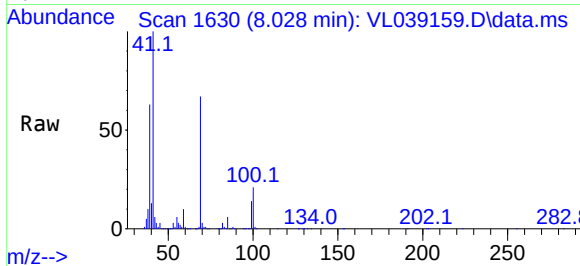
VL0603ABS01

Tgt Ion: 69 Resp: 115276
Ion Ratio Lower Upper
69 100
41 149.9 121.9 182.9
100 31.6 24.1 36.1

Manual Integrations

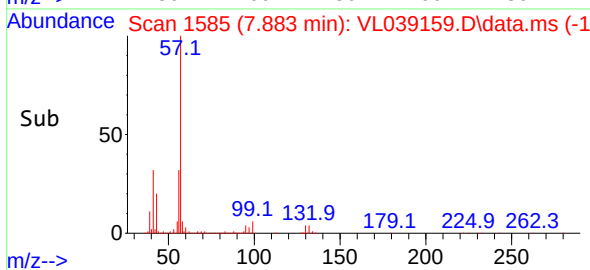
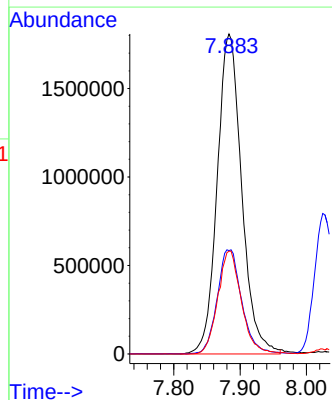
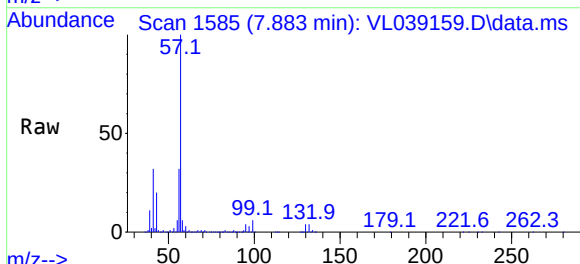
APPROVED

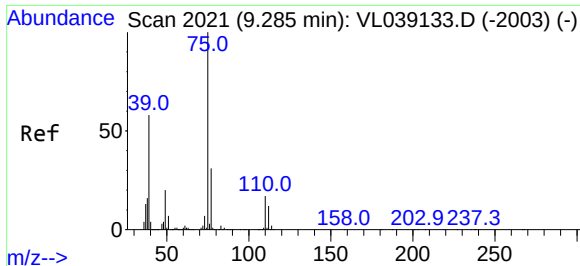
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#44
2,2,4-Trimethylpentane
Concen: 9.919 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

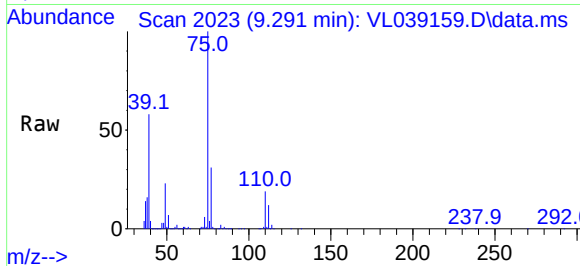
Tgt Ion: 57 Resp: 4635208
Ion Ratio Lower Upper
57 100
41 32.6 26.2 39.4
56 31.1 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 12.005 ppbv
RT: 9.291 min Scan# 2021
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

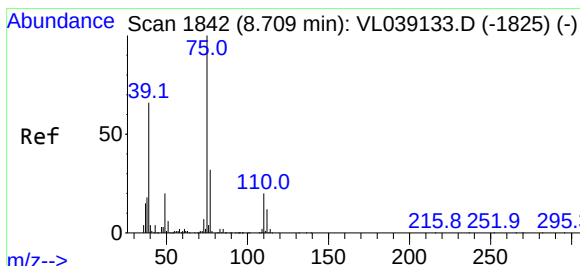
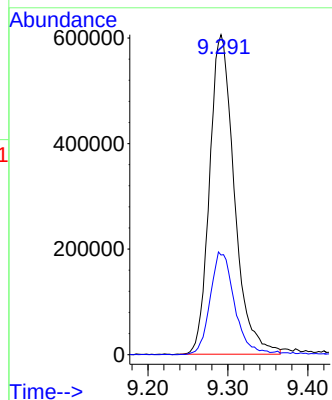
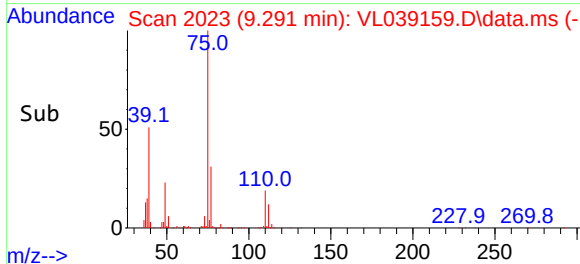
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



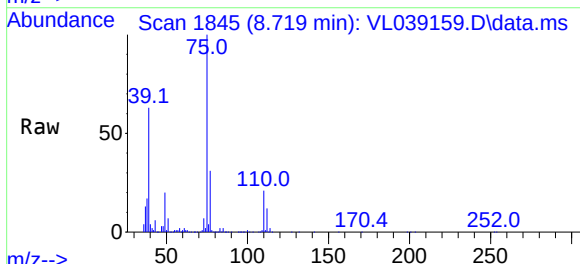
Tgt Ion: 75 Resp: 1300978
Ion Ratio Lower Upper
75 100
77 31.1 24.4 36.6

Manual Integrations
APPROVED

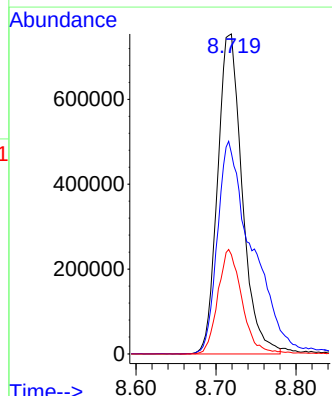
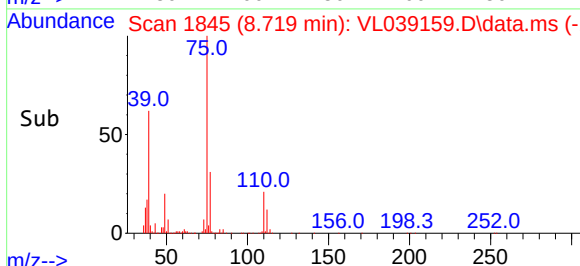
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

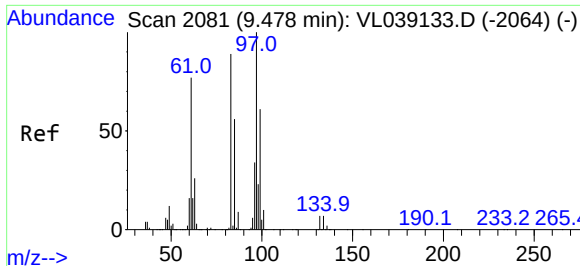


#46
cis-1,3-Dichloropropene
Concen: 11.232 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



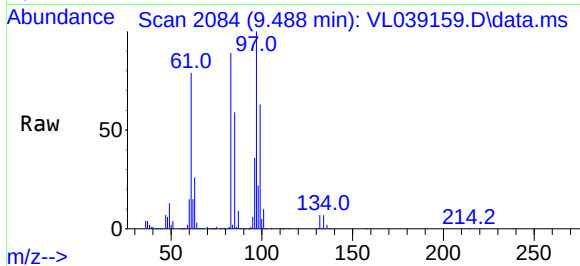
Tgt Ion: 75 Resp: 1607992
Ion Ratio Lower Upper
75 100
39 62.7 52.4 78.6
77 31.0 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 10.417 ppbv
RT: 9.488 min Scan# 2081
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

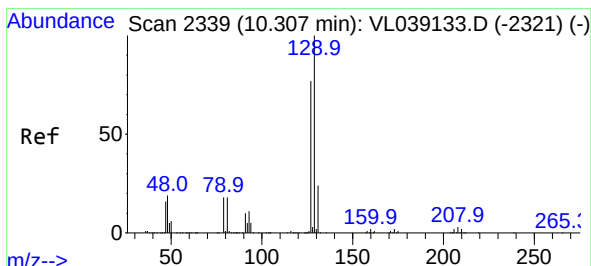
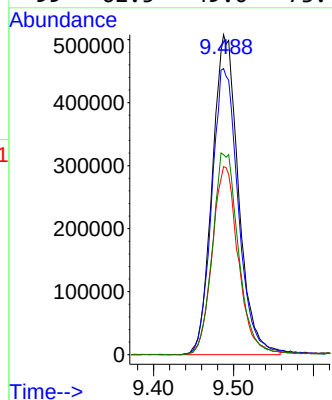
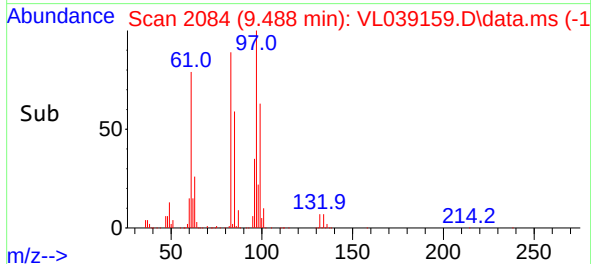
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



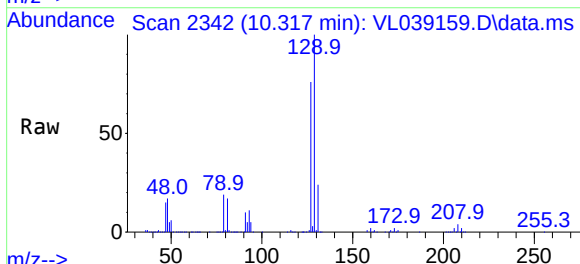
Tgt Ion: 97 Resp: 1154729
Ion Ratio Lower Upper
97 100
83 89.4 71.6 107.4
85 58.8 44.8 67.2
99 62.5 49.0 73.4

Manual Integrations
APPROVED

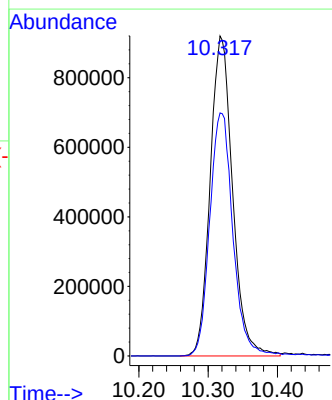
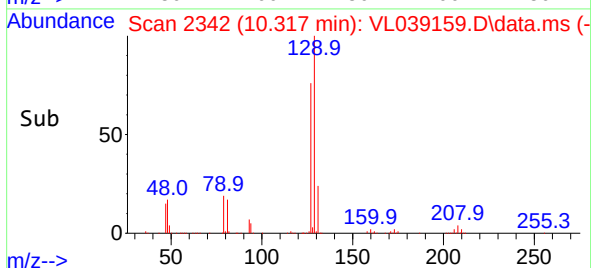
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

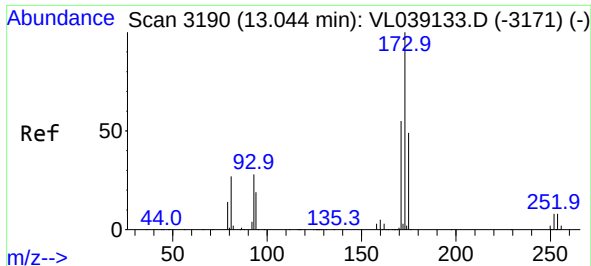


#48
Dibromochloromethane
Concen: 10.442 ppbv
RT: 10.317 min Scan# 2342
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion:129 Resp: 2066783
Ion Ratio Lower Upper
129 100
127 79.1 40.0 119.9





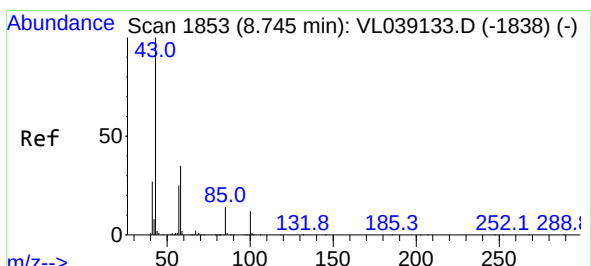
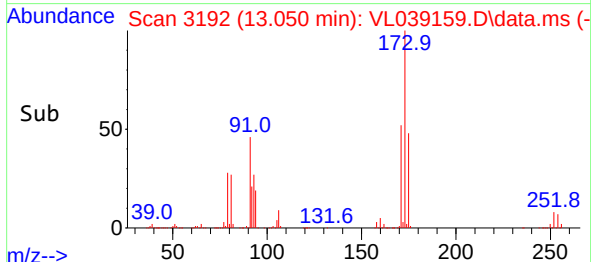
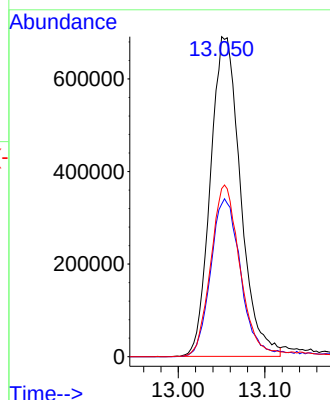
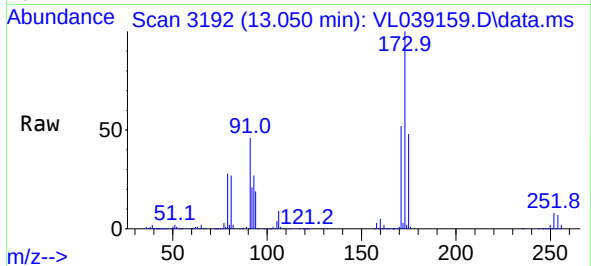
#49
Bromoform
Concen: 10.123 ppbv
RT: 13.050 min Scan# 3190
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

Tgt Ion:173 Resp: 166984
Ion Ratio Lower Upper
173 100
175 51.2 40.2 60.2
171 53.8 43.9 65.9

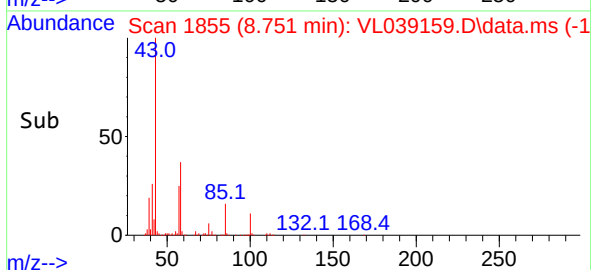
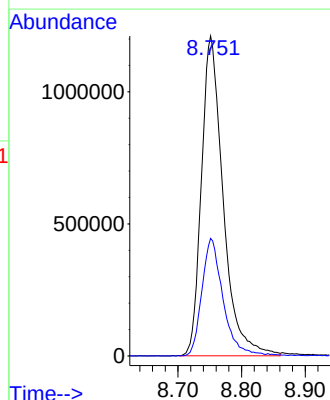
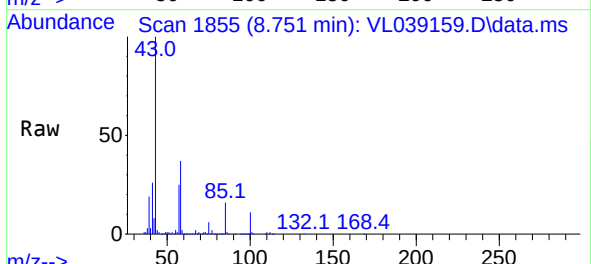
Manual Integrations
APPROVED

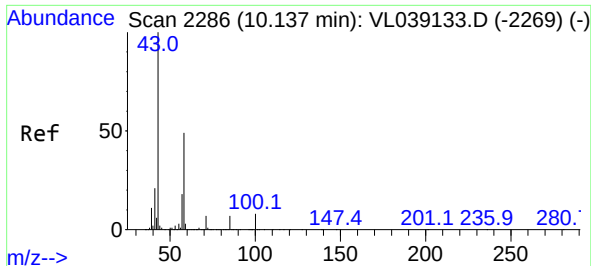
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#50
4-Methyl-2-Pentanone
Concen: 10.726 ppbv
RT: 8.751 min Scan# 1855
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

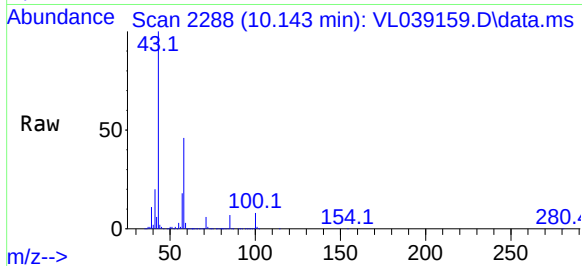
Tgt Ion: 43 Resp: 2870032
Ion Ratio Lower Upper
43 100
58 36.3 28.7 43.1





#51
2-Hexanone
Concen: 10.934 ppbv
RT: 10.143 min Scan# 2286
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

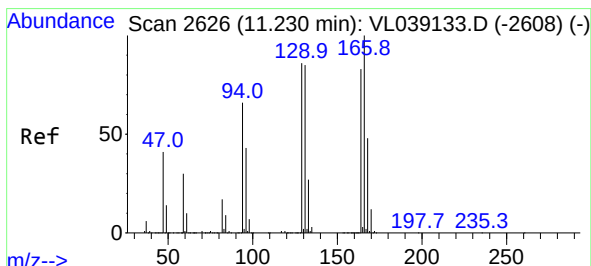
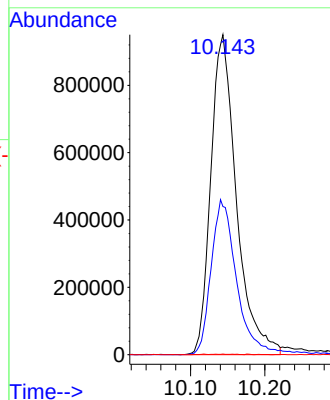
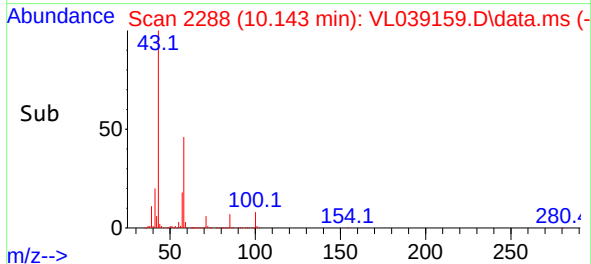
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



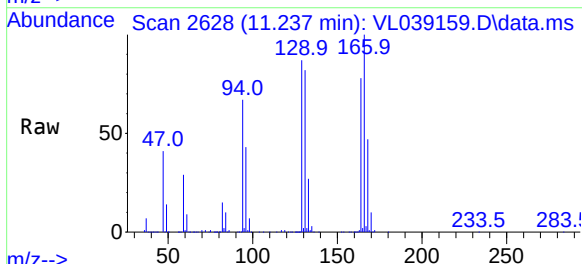
Tgt Ion: 43 Resp: 2276589
Ion Ratio Lower Upper
43 100
58 49.3 40.0 60.0
98 0.1 0.1 0.1

Manual Integrations
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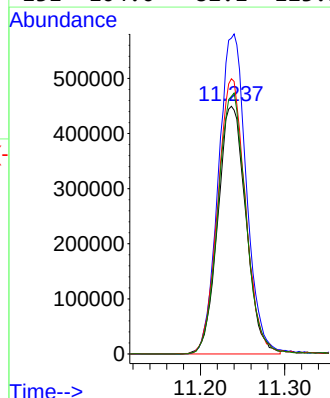
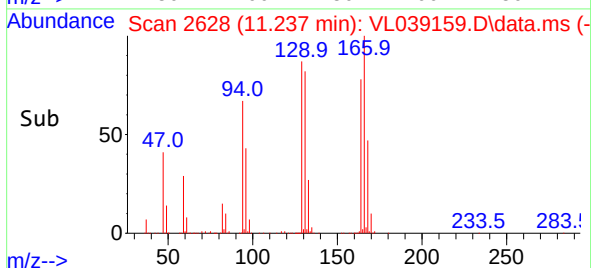
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

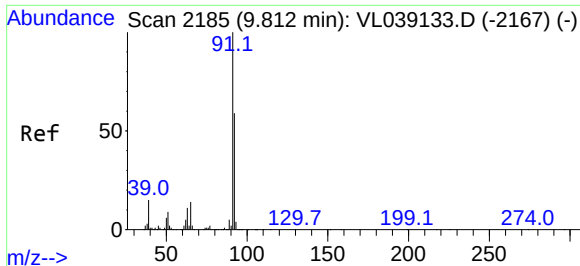


#52
Tetrachloroethene
Concen: 9.957 ppbv
RT: 11.237 min Scan# 2628
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



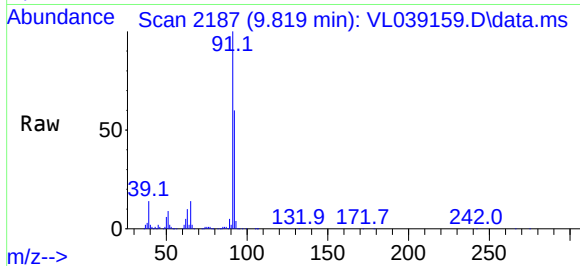
Tgt Ion:164 Resp: 1038536
Ion Ratio Lower Upper
164 100
166 127.5 96.3 144.5
129 111.0 82.5 123.7
131 104.0 82.1 123.1





#53
Toluene
Concen: 10.522 ppbv
RT: 9.819 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

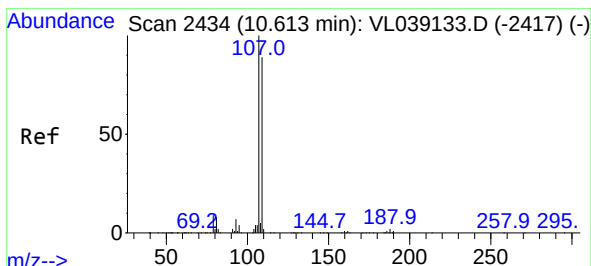
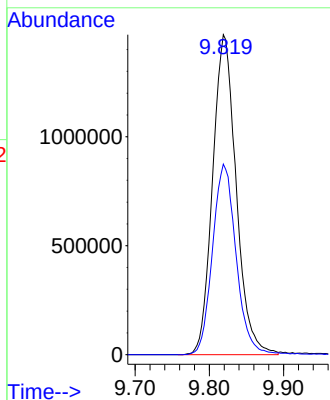
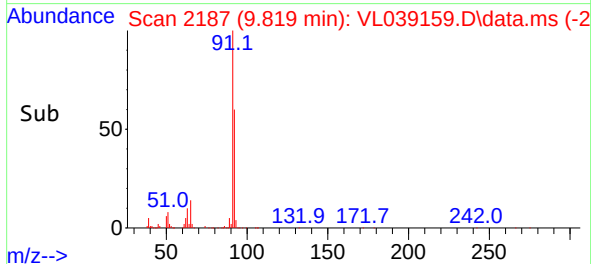
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



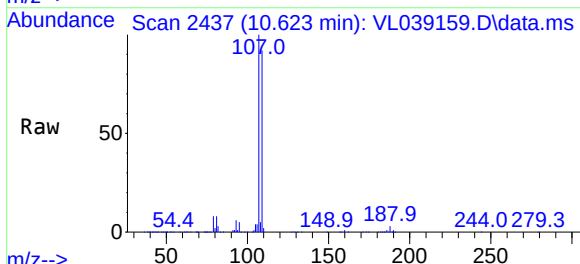
Tgt Ion: 91 Resp: 323654
Ion Ratio Lower Upper
91 100
92 59.8 48.1 72.1

Manual Integrations
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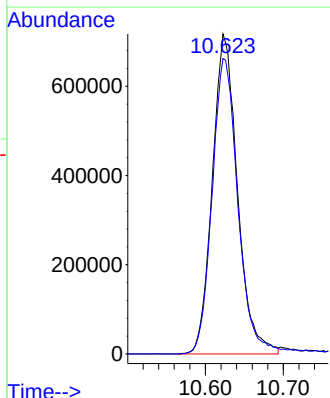
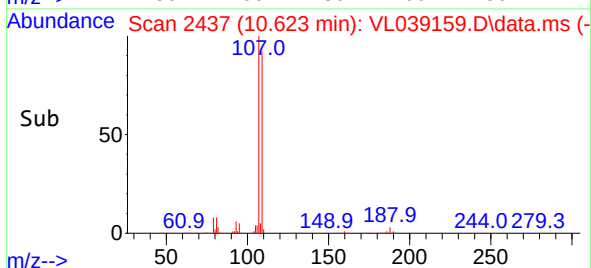
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

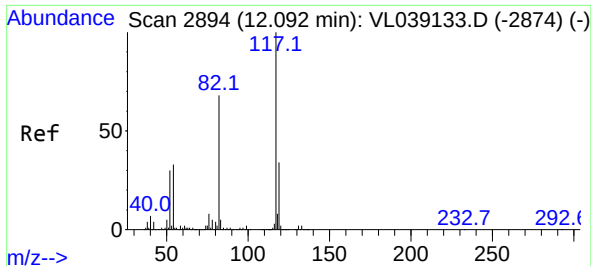


#54
1,2-Dibromoethane
Concen: 10.799 ppbv
RT: 10.623 min Scan# 2437
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



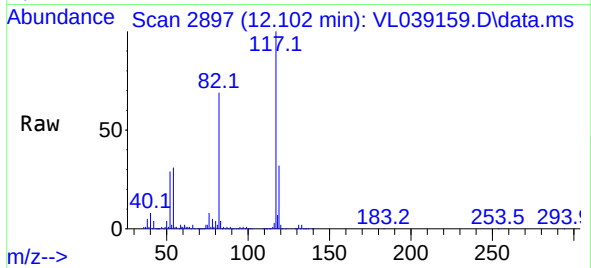
Tgt Ion:107 Resp: 1608648
Ion Ratio Lower Upper
107 100
109 92.3 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.102 min Scan# 2897
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

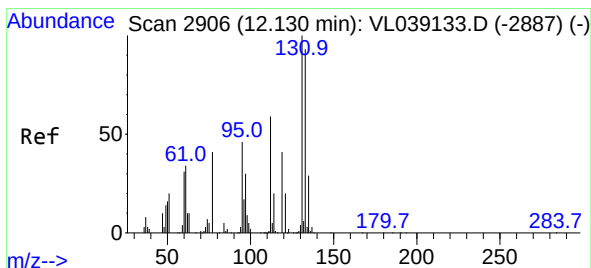
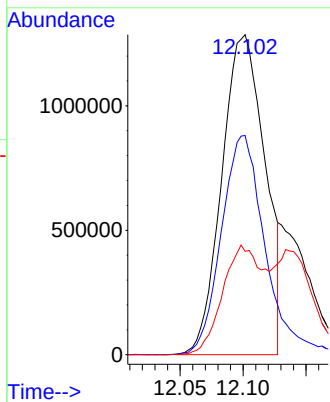
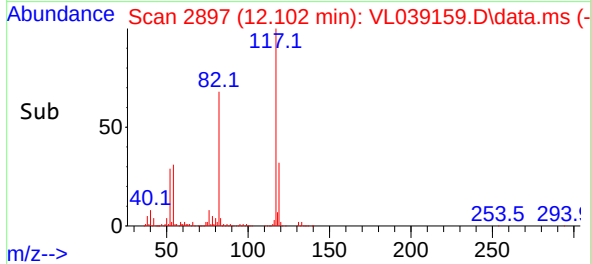
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



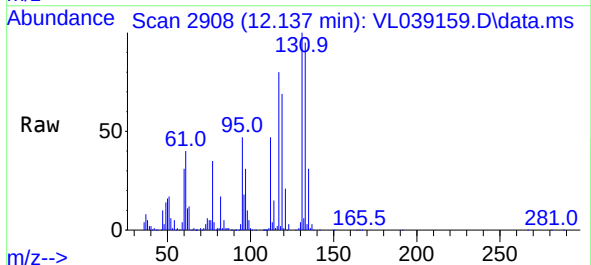
Tgt Ion:117 Resp: 3058800
Ion Ratio Lower Upper
117 100
82 71.1 55.1 82.7
119 28.3 24.7 37.1

Manual Integrations
APPROVED

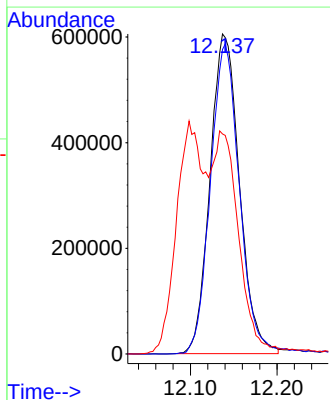
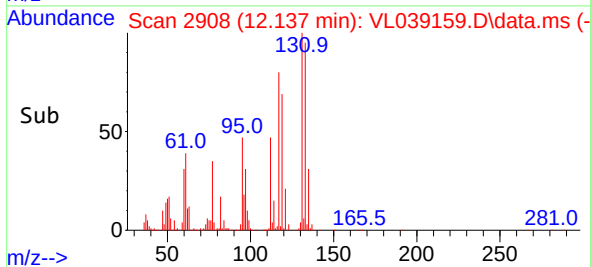
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

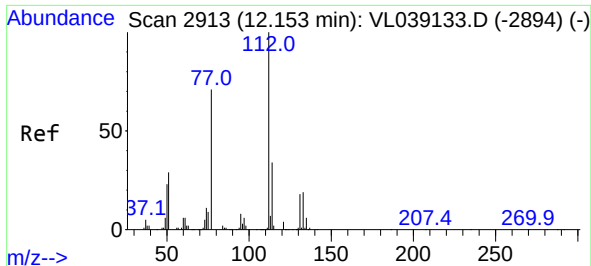


#56
1,1,1,2-Tetrachloroethane
Concen: 9.843 ppbv
RT: 12.137 min Scan# 2908
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion:131 Resp: 1424607
Ion Ratio Lower Upper
131 100
133 97.7 78.6 117.8
119 63.2 51.7 77.5





#57

Chlorobenzene

Concen: 10.406 ppbv

RT: 12.163 min Scan# 2916

Delta R.T. 0.010 min

Lab File: VL039159.D

Acq: 3 Jun 2022 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

Tgt Ion:112 Resp: 239488

Ion Ratio Lower Upper

112 100

77 66.3 56.5 84.7

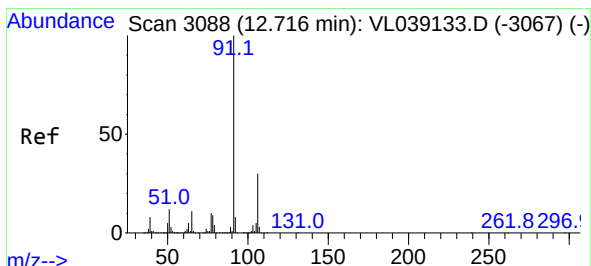
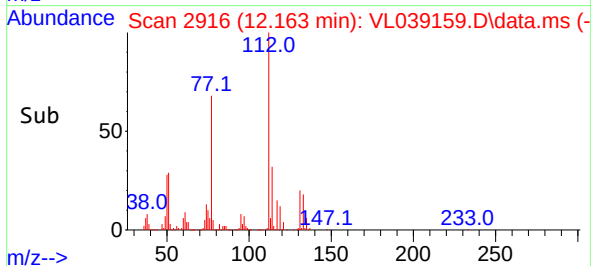
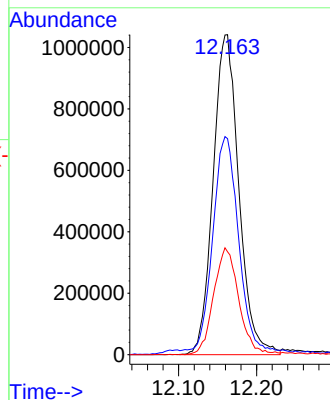
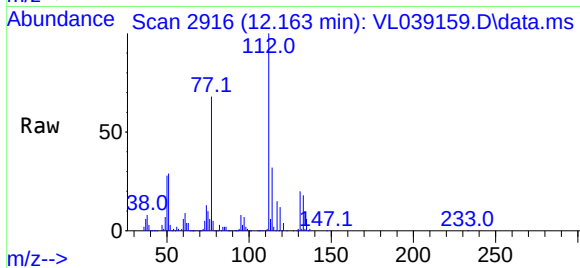
114 32.0 30.3 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022

Supervised By :Mahesh Dadoda 06/06/2022



#58

Ethyl Benzene

Concen: 10.417 ppbv

RT: 12.725 min Scan# 3091

Delta R.T. 0.010 min

Lab File: VL039159.D

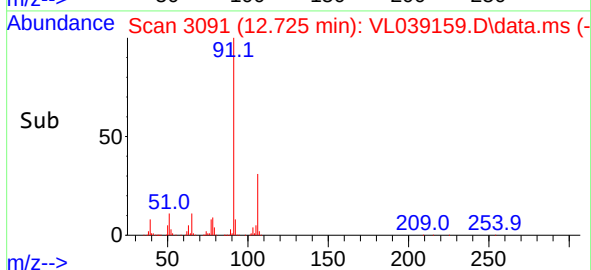
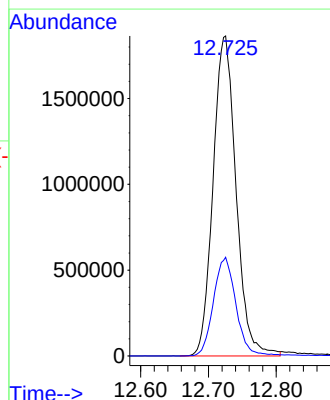
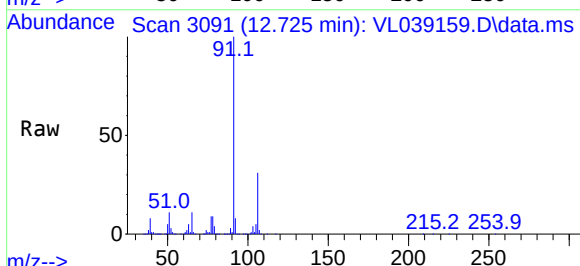
Acq: 3 Jun 2022 18:45

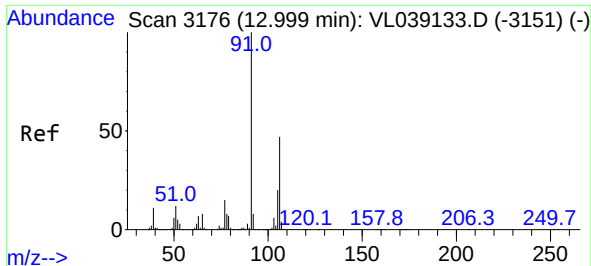
Tgt Ion: 91 Resp: 4389083

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4





#59

m/p-Xylene

Concen: 20.236 ppbv m

RT: 13.012 min Scan# 3176

Delta R.T. 0.013 min

Lab File: VL039159.D

Acq: 3 Jun 2022 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

Tgt Ion: 91 Resp: 7508200

Ion Ratio Lower Upper

91 100

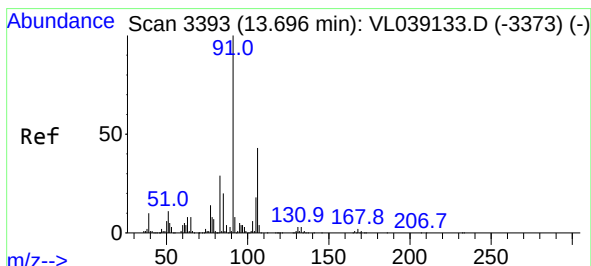
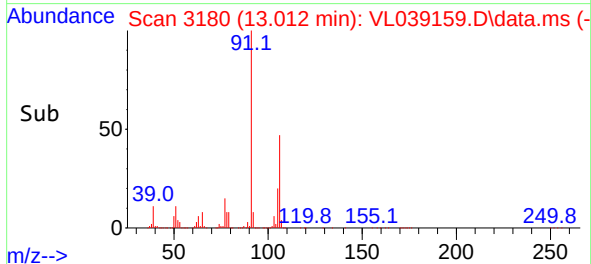
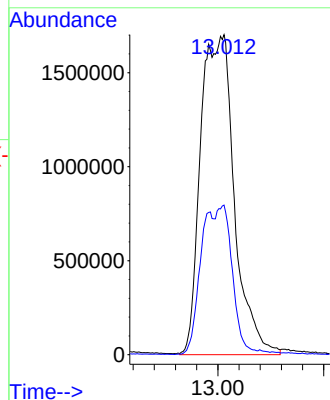
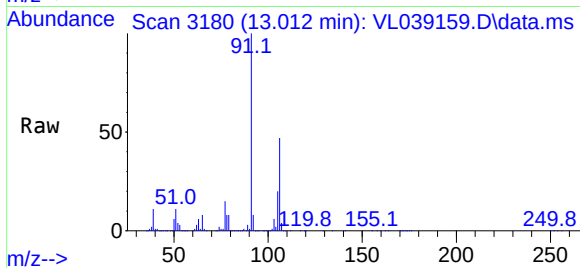
106 43.8 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022

Supervised By :Mahesh Dadoda 06/06/2022



#60

o-Xylene

Concen: 10.302 ppbv

RT: 13.703 min Scan# 3395

Delta R.T. 0.007 min

Lab File: VL039159.D

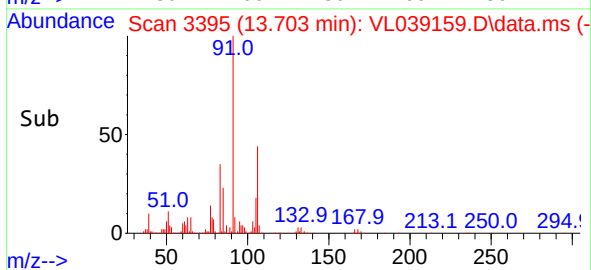
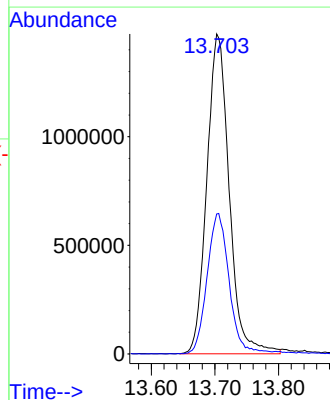
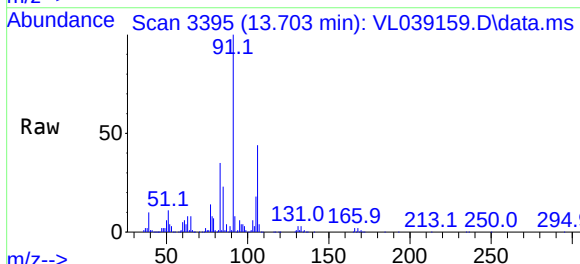
Acq: 3 Jun 2022 18:45

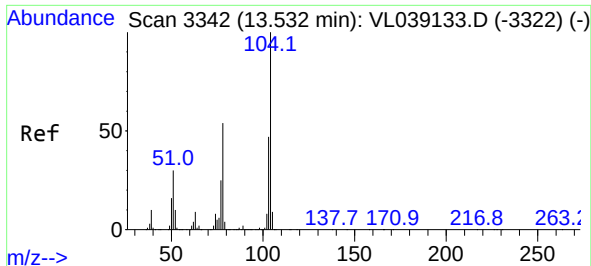
Tgt Ion: 91 Resp: 3591737

Ion Ratio Lower Upper

91 100

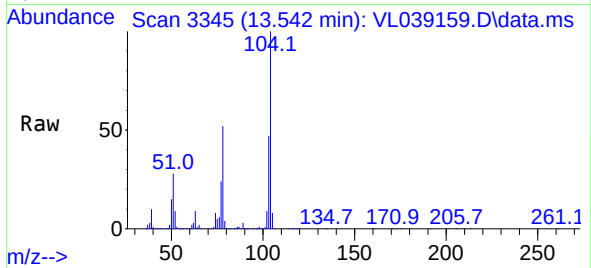
106 44.3 22.3 66.9





#61
Styrene
Concen: 11.310 ppbv
RT: 13.542 min Scan# 311
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

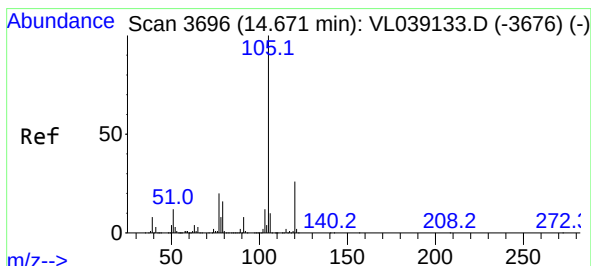
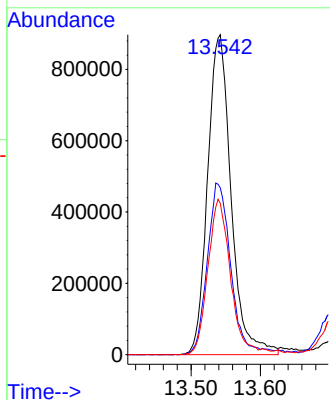
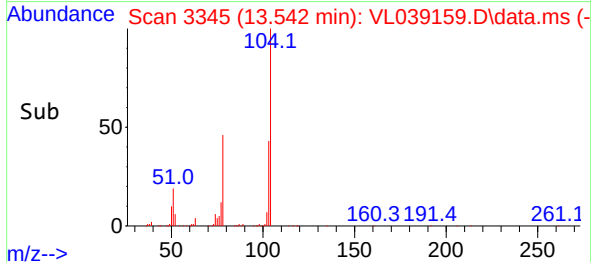
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



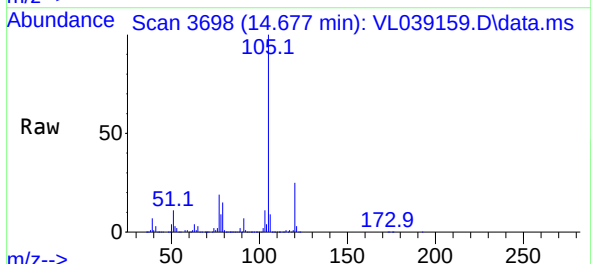
Tgt Ion:104 Resp: 2111640
Ion Ratio Lower Upper
104 100
78 54.4 45.7 68.5
103 47.9 39.6 59.4

Manual Integrations
APPROVED

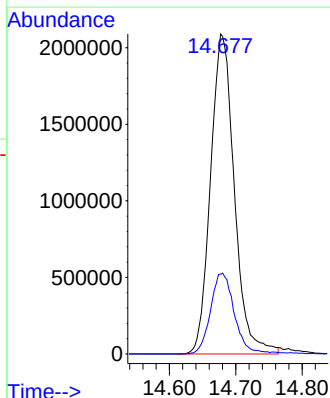
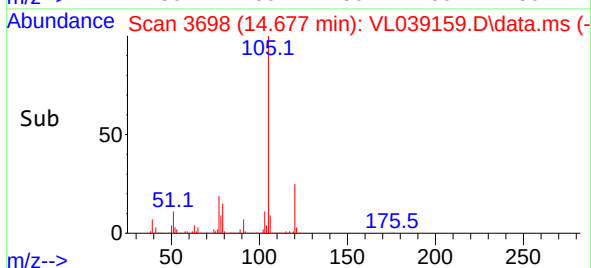
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

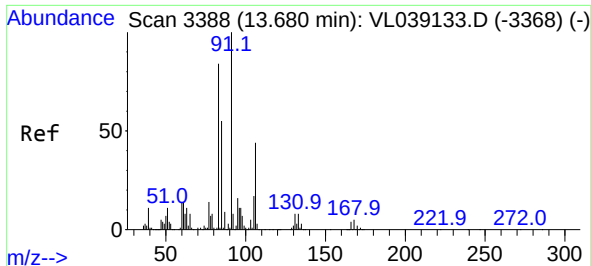


#62
Isopropylbenzene
Concen: 10.047 ppbv
RT: 14.677 min Scan# 3698
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



Tgt Ion:105 Resp: 5206081
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5





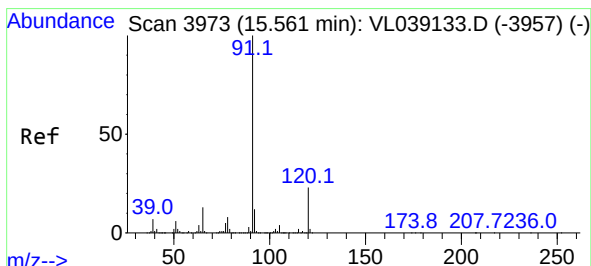
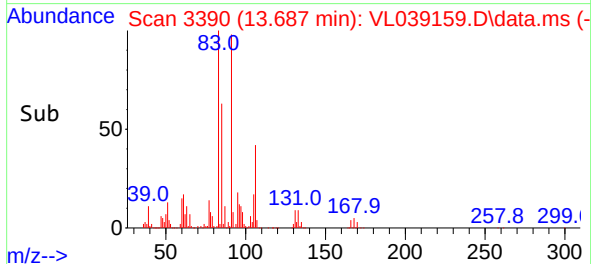
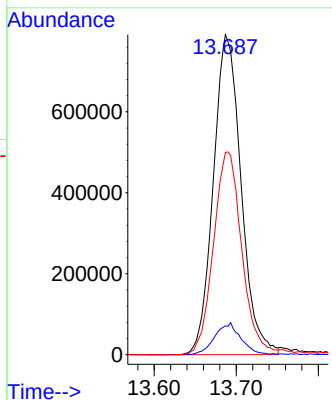
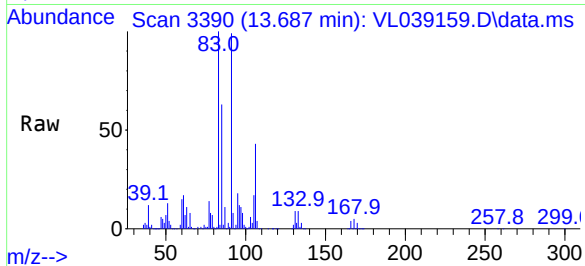
#63
1,1,2-Tetrachloroethane
Concen: 9.514 ppbv
RT: 13.687 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

Tgt Ion: 83 Resp: 186188
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 66.2 33.0 99.0

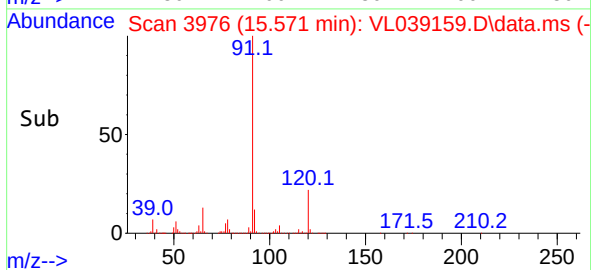
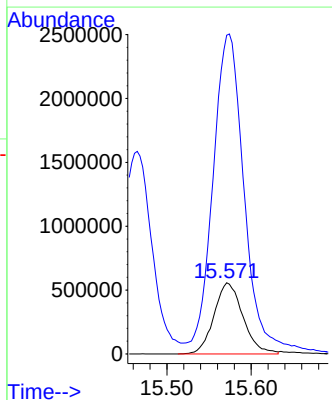
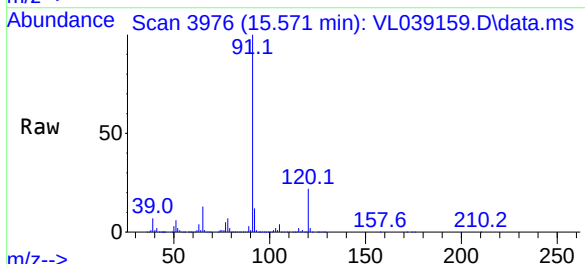
Manual Integrations
APPROVED

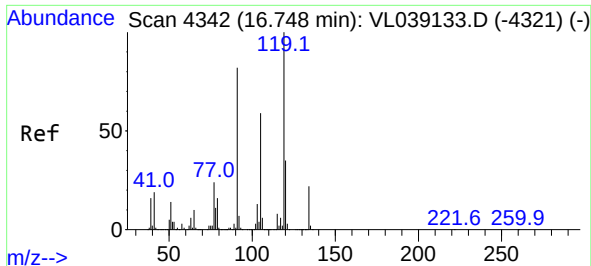
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#64
n-propylbenzene
Concen: 10.436 ppbv
RT: 15.571 min Scan# 3976
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Tgt Ion:120 Resp: 1329321
Ion Ratio Lower Upper
120 100
91 492.3 388.4 582.6





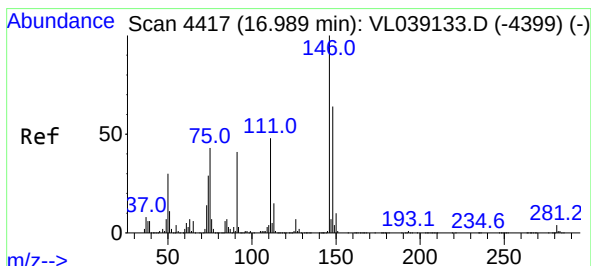
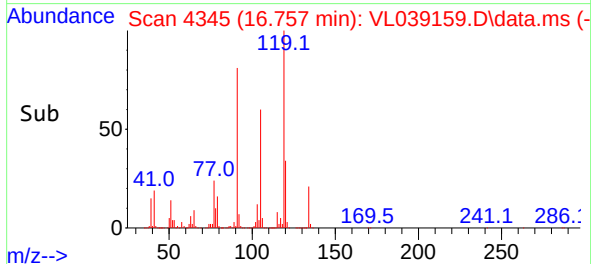
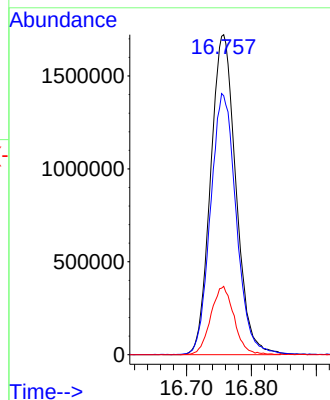
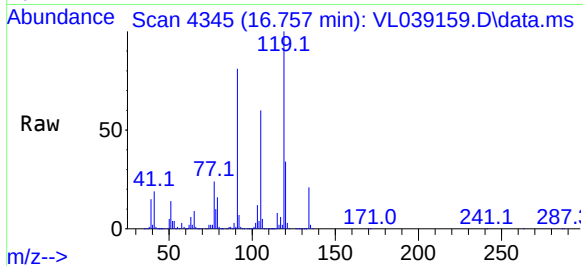
#65
tert-Butylbenzene
Concen: 9.824 ppbv
RT: 16.757 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

Tgt Ion: 119 Resp: 4655208
Ion Ratio Lower Upper
119 100
91 83.2 67.1 100.7
134 19.8 15.8 23.8

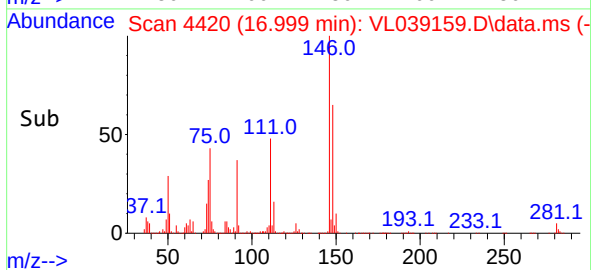
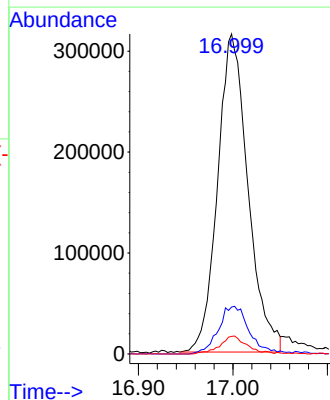
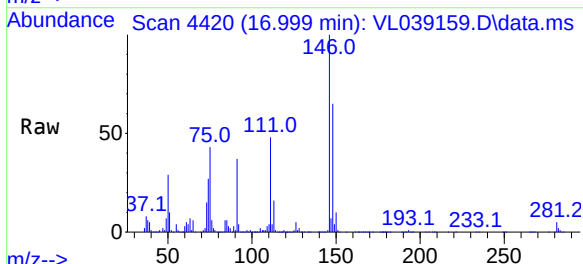
Manual Integrations
APPROVED

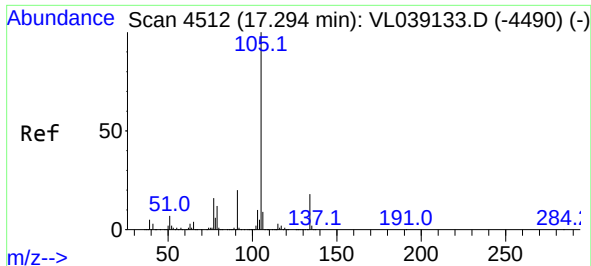
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#66
Benzyl Chloride
Concen: 11.416 ppbv
RT: 16.999 min Scan# 4420
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Tgt Ion: 91 Resp: 703392
Ion Ratio Lower Upper
91 100
126 15.6 13.4 20.0
128 5.2 4.1 6.1





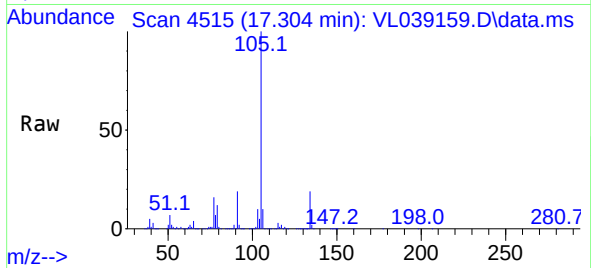
#67
 sec-Butylbenzene
 Concen: 10.058 ppbv
 RT: 17.304 min Scan# 4515
 Delta R.T. 0.010 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

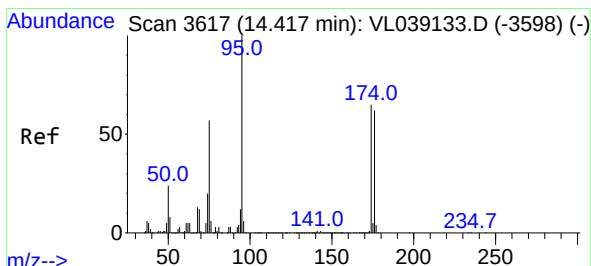
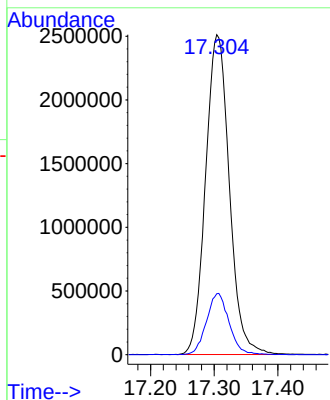
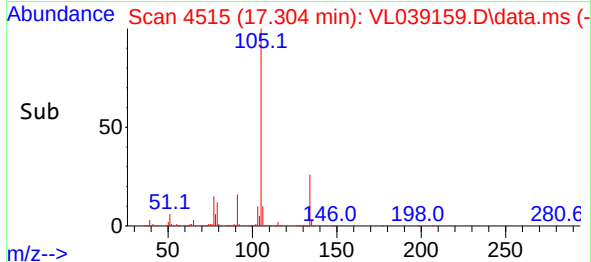


Tgt Ion:105 Resp: 650312
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.4 21.6

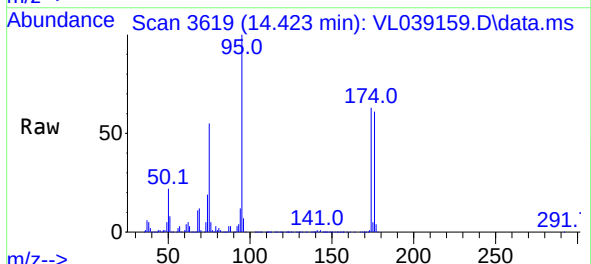
Manual Integrations

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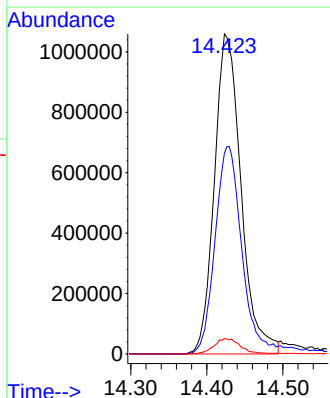
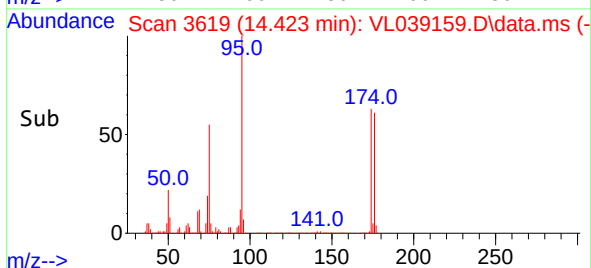
Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

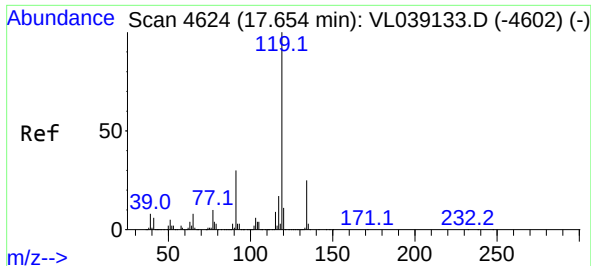


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.206 ppbv
 RT: 14.423 min Scan# 3619
 Delta R.T. 0.007 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45



Tgt Ion: 95 Resp: 2581008
 Ion Ratio Lower Upper
 95 100
 174 67.9 53.8 80.8
 175 5.0 4.1 6.1





#69

p-Isopropyltoluene

Concen: 10.033 ppbv

RT: 17.664 min Scan# 4627

Delta R.T. 0.010 min

Lab File: VL039159.D

Acq: 3 Jun 2022 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

Tgt Ion:119 Resp: 547253

Ion Ratio Lower Upper

119 100

134 25.2 20.4 30.6

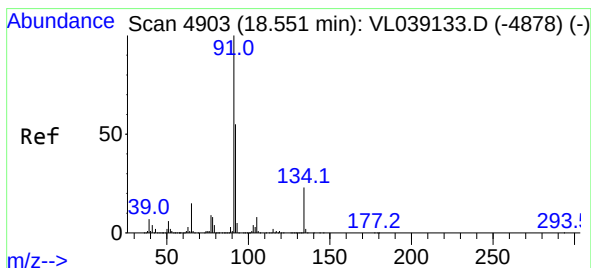
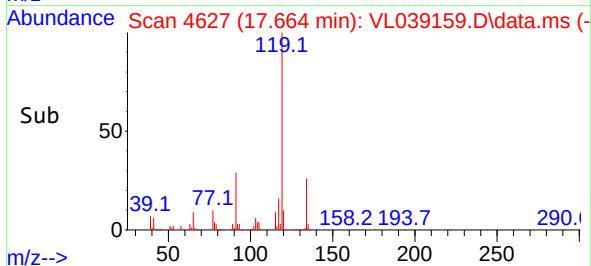
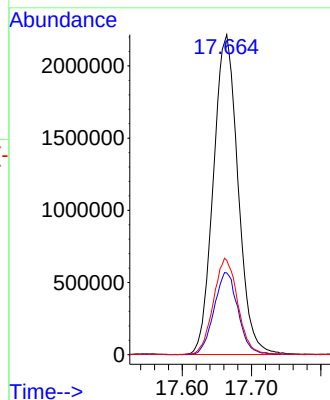
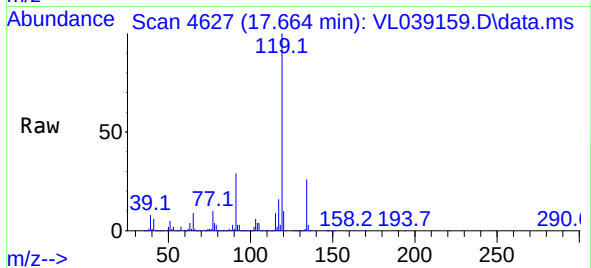
91 29.8 24.2 36.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2022

Supervised By :Mahesh Dadoda 06/06/2022



#70

n-Butylbenzene

Concen: 10.339 ppbv

RT: 18.558 min Scan# 4905

Delta R.T. 0.007 min

Lab File: VL039159.D

Acq: 3 Jun 2022 18:45

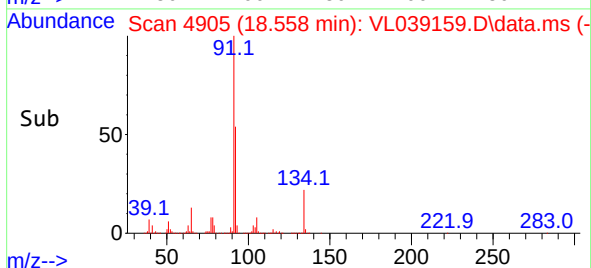
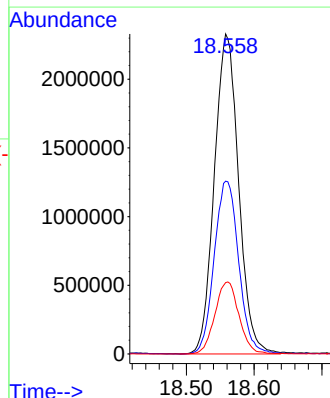
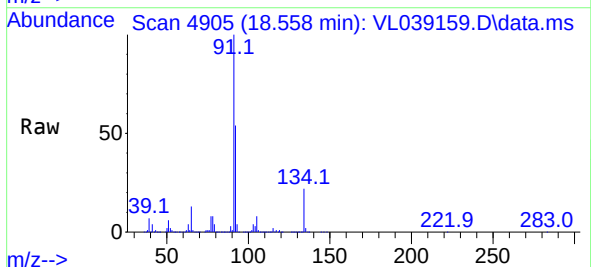
Tgt Ion: 91 Resp: 5788845

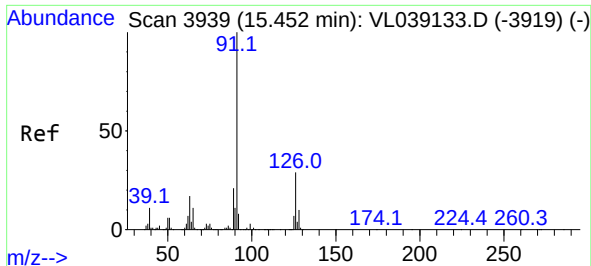
Ion Ratio Lower Upper

91 100

92 54.8 43.6 65.4

134 22.5 17.7 26.5





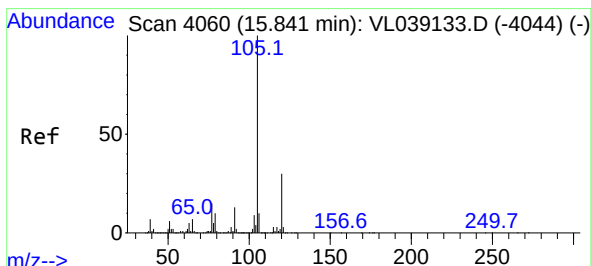
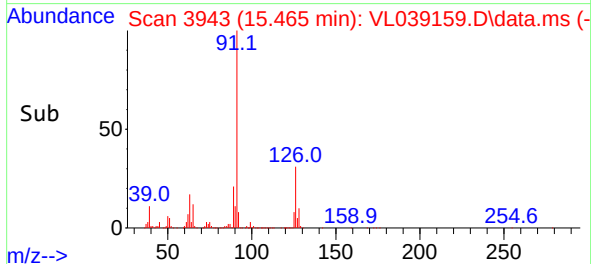
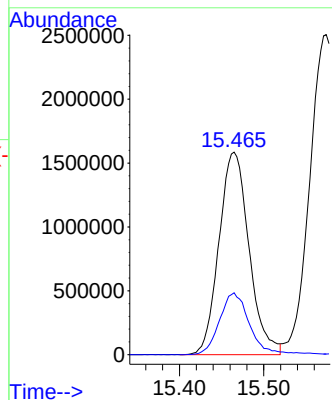
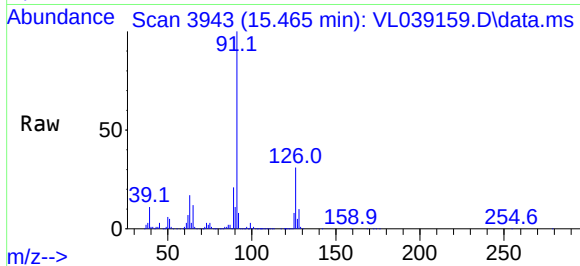
#71
2-Chlorotoluene
Concen: 9.936 ppbv
RT: 15.465 min Scan# 3939
Delta R.T. 0.013 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

Tgt Ion: 91 Resp: 392649
Ion Ratio Lower Upper
91 100
126 31.1 12.2 48.6

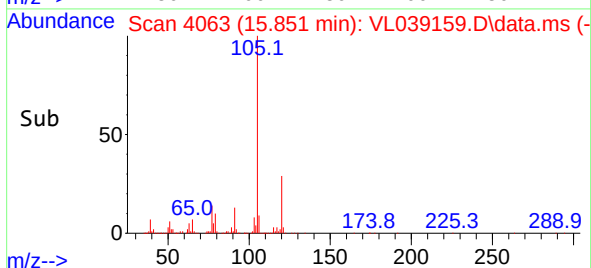
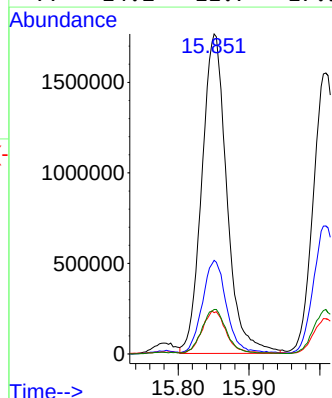
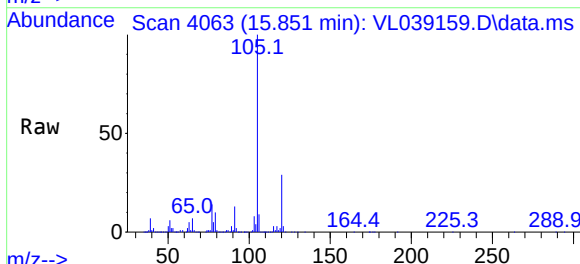
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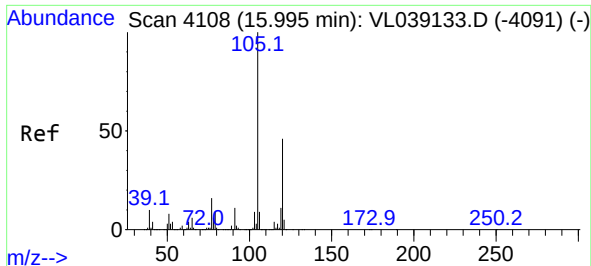
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#72
4-Ethyltoluene
Concen: 10.572 ppbv
RT: 15.851 min Scan# 4063
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

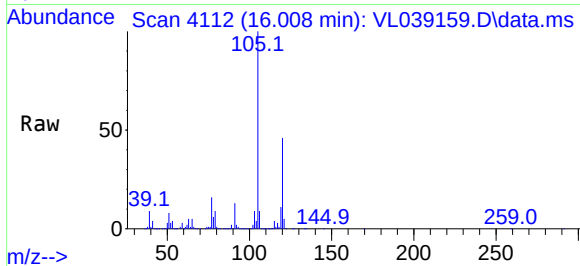
Tgt Ion:105 Resp: 4319939
Ion Ratio Lower Upper
105 100
120 29.1 23.9 35.9
91 12.7 10.6 16.0
77 14.2 11.7 17.5





#73
1,3,5-Trimethylbenzene
Concen: 10.496 ppbv
RT: 16.008 min Scan# 4112
Delta R.T. 0.013 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

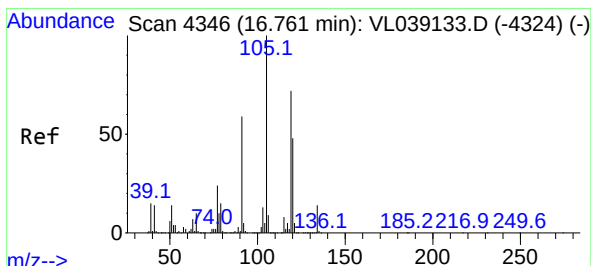
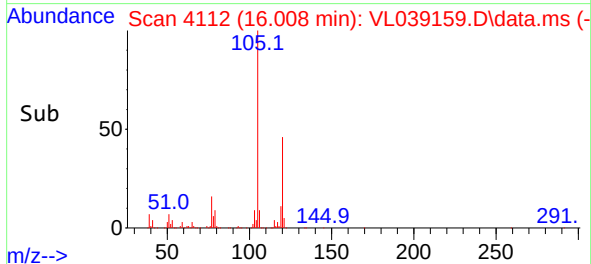
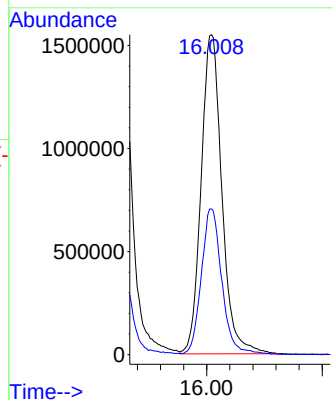
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



Tgt Ion:105 Resp: 3868149
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1

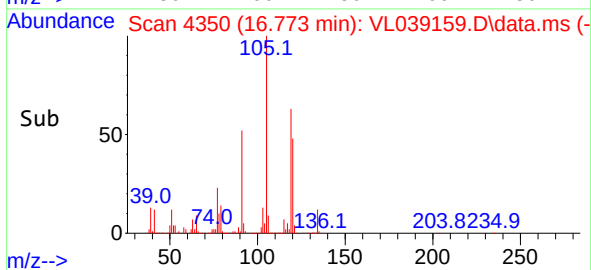
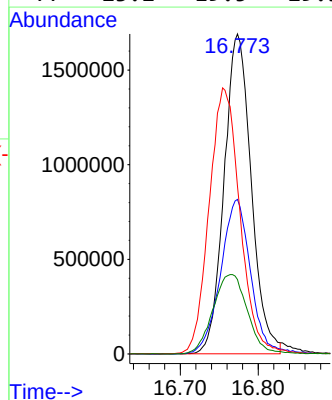
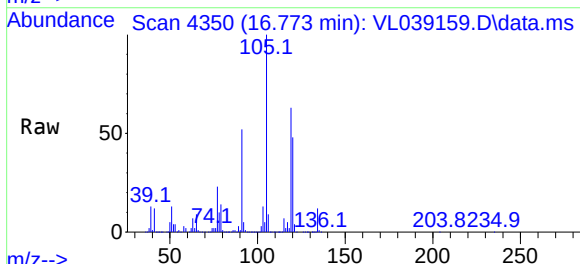
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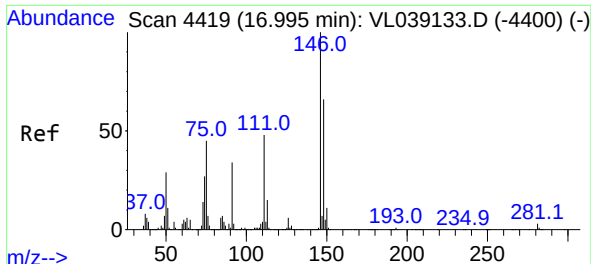
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#74
1,2,4-Trimethylbenzene
Concen: 9.939 ppbv
RT: 16.773 min Scan# 4350
Delta R.T. 0.013 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

Tgt Ion:105 Resp: 4087829
Ion Ratio Lower Upper
105 100
120 48.2 38.1 57.1
91 52.2 47.4 71.0
77 23.2 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 10.421 ppbv

RT: 17.008 min Scan# 4419

Delta R.T. 0.013 min

Lab File: VL039159.D

Acq: 3 Jun 2022 18:45

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

Tgt Ion:146 Resp: 2425950

Ion Ratio Lower Upper

146 100

111 46.6 23.8 71.4

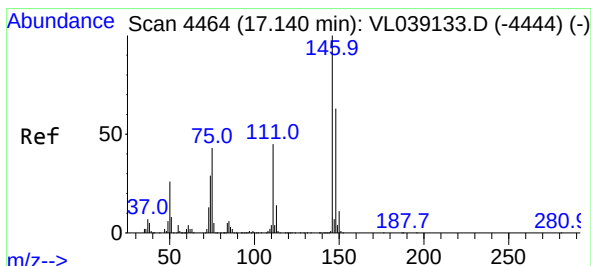
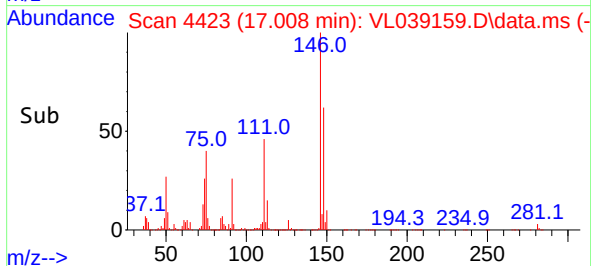
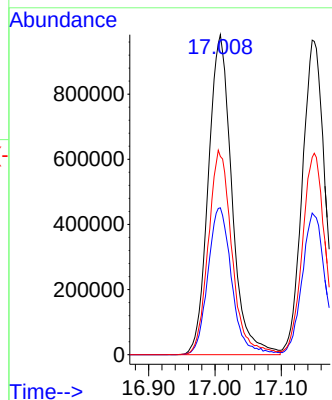
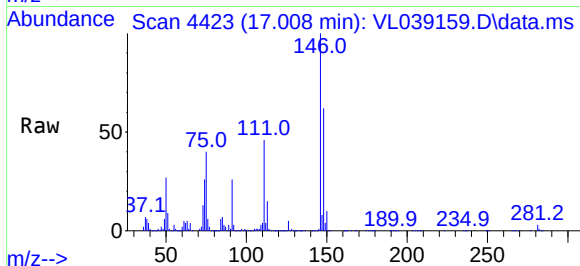
148 64.2 32.4 97.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2022

Supervised By :Mahesh Dadoda 06/06/2022



#76

1,4-Dichlorobenzene

Concen: 10.140 ppbv

RT: 17.146 min Scan# 4466

Delta R.T. 0.007 min

Lab File: VL039159.D

Acq: 3 Jun 2022 18:45

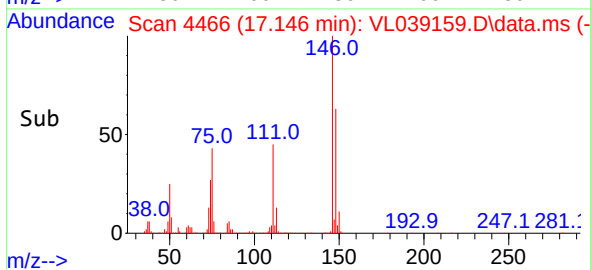
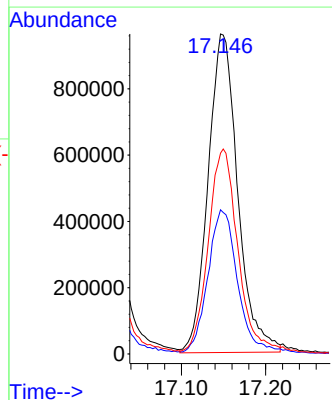
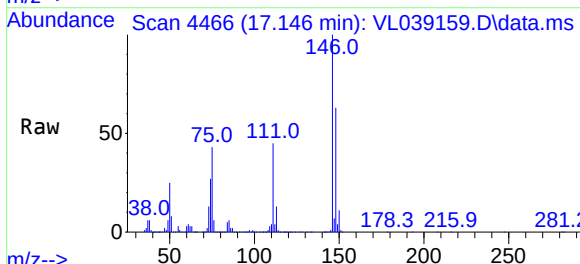
Tgt Ion:146 Resp: 2355178

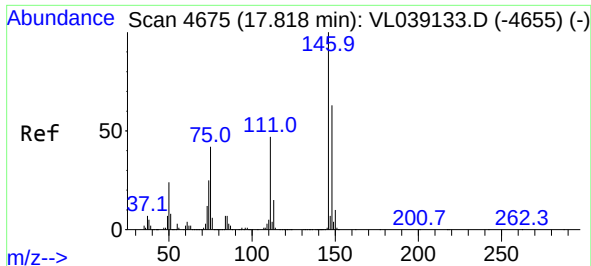
Ion Ratio Lower Upper

146 100

111 46.0 23.6 71.0

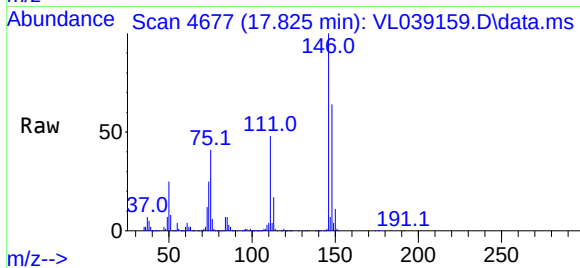
148 65.7 33.7 101.0





#77
 1,2-Dichlorobenzene
 Concen: 9.979 ppbv
 RT: 17.825 min Scan# 4675
 Delta R.T. 0.007 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45

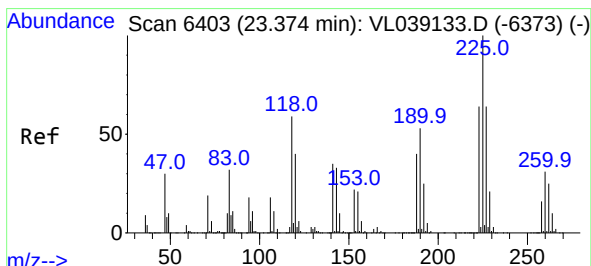
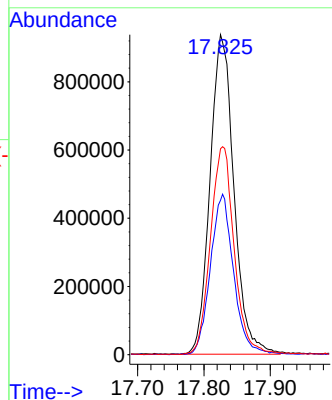
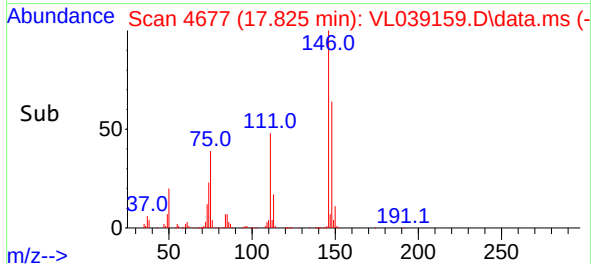
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01



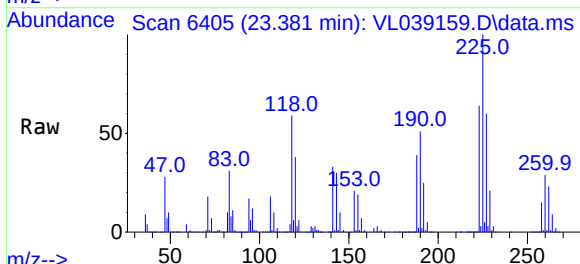
Tgt Ion:146 Resp: 234144
 Ion Ratio Lower Upper
 146 100
 111 49.2 24.4 73.4
 148 65.1 32.1 96.5

Manual Integrations
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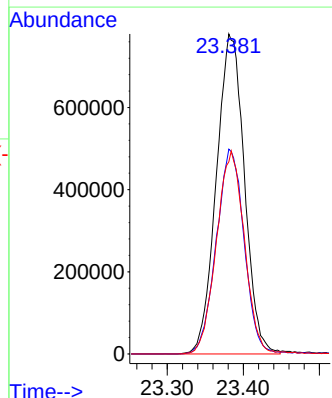
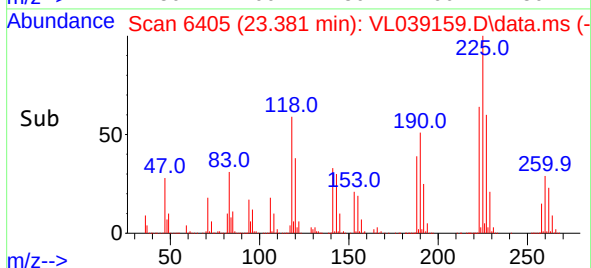
Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

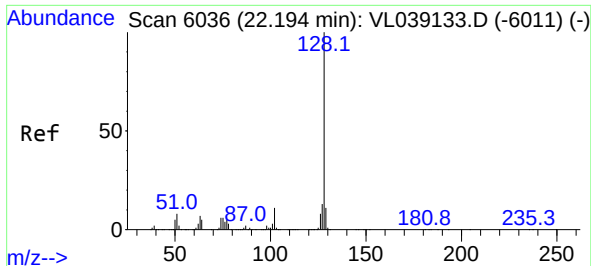


#78
 Hexachloro-1,3-Butadiene
 Concen: 9.293 ppbv
 RT: 23.381 min Scan# 6405
 Delta R.T. 0.006 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45



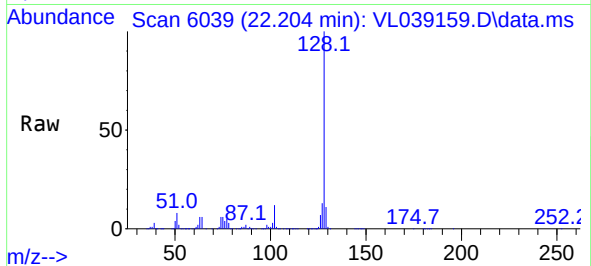
Tgt Ion:225 Resp: 1993868
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.4 77.0
 227 63.6 50.6 75.8





#79
Naphthalene
Concen: 12.291 ppbv
RT: 22.204 min Scan# 6039
Delta R.T. 0.010 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45

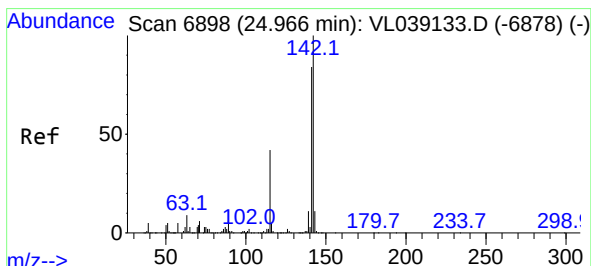
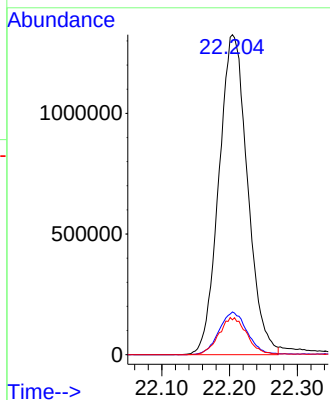
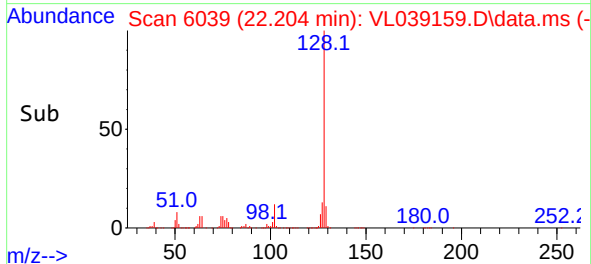
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01



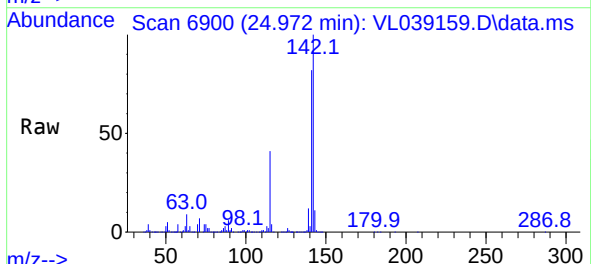
Tgt Ion:128 Resp: 3891594
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 9.0 13.6

Manual Integrations
APPROVED

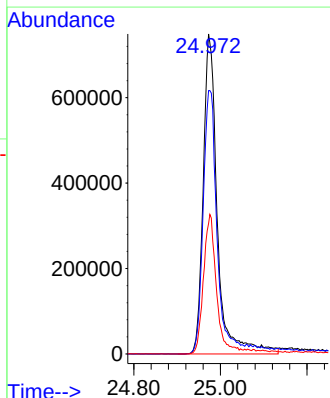
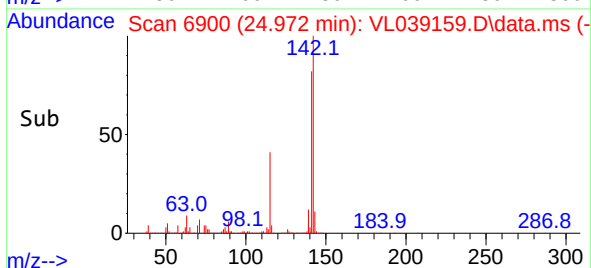
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

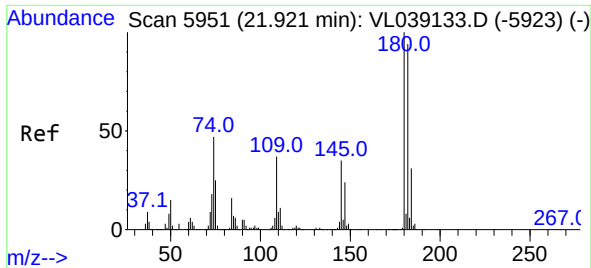


#80
Naphthalene,2-methyl-
Concen: 14.420 ppbv
RT: 24.972 min Scan# 6900
Delta R.T. 0.007 min
Lab File: VL039159.D
Acq: 3 Jun 2022 18:45



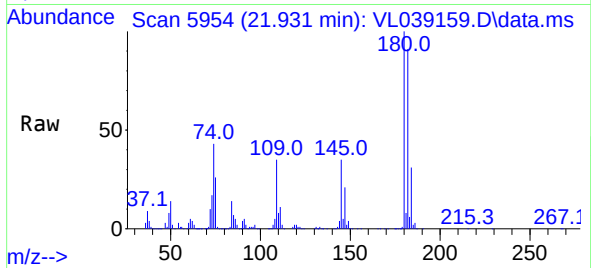
Tgt Ion:142 Resp: 1696245
Ion Ratio Lower Upper
142 100
141 84.4 64.6 96.8
115 42.5 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 10.811 ppbv
 RT: 21.931 min Scan# 5954
 Delta R.T. 0.010 min
 Lab File: VL039159.D
 Acq: 3 Jun 2022 18:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01



Tgt Ion:180 Resp: 216836
 Ion Ratio Lower Upper
 180 100
 182 97.7 0.0 0.0
 184 31.1 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

