

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
 Data File : VL039133.D
 Acq On : 31 May 2022 16:13
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

Quant Time: May 31 16:58:46 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 5 10:12:15 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1375297	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3407387	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	3278293	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.417 95 2657470 10.236 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	2061653	9.567	ppbv	97
3) Chlorodifluoromethane	2.999	51	1561378	9.149	ppbv	99
4) Chloromethane	3.150	50	824575	9.648	ppbv	97
5) Vinyl Chloride	3.266	62	802263	10.280	ppbv	100
6) Bromomethane	3.481	94	371004	10.063	ppbv	93
7) Chloroethane	3.568	64	275083	10.531	ppbv	99
8) Dichlorotetrafluoroethane	3.198	85	2002170	10.252	ppbv	98
9) Propene	3.018	41	670006	8.990	ppbv	96
10) Heptane	8.127	43	1681556	9.197	ppbv	98
11) Trichlorofluoromethane	3.960	101	1924416	10.409	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.494	101	1316832	10.339	ppbv	94
13) Ethanol	3.610	45	38554m	7.310	ppbv	
14) Bromoethene	3.745	108	610683	11.628	ppbv	97
15) Acetone	3.854	43	1250175	9.637	ppbv	97
16) 1,3-Butadiene	3.337	39	722330	9.691	ppbv	99
17) tert-Butyl alcohol	4.288	59	1092372	10.956	ppbv	100
18) 1,1-Dichloroethene	4.298	96	597791	10.906	ppbv	94
19) Isopropyl Alcohol	3.964	45	669833	10.859	ppbv #	99
20) Methylene Chloride	4.353	84	457946	9.366	ppbv	94
21) Allyl Chloride	4.420	41	902725	10.212	ppbv	98
22) trans-1,2-Dichloroethene	4.893	96	600930	10.149	ppbv	98
23) Vinyl Acetate	5.079	43	1230015	11.983	ppbv #	98
24) 1,1-Dichloroethane	5.018	63	1440737	12.189	ppbv	100
25) Ethyl Acetate	5.684	43	2959394	9.531	ppbv	99
26) Hexane	5.693	57	1305278	9.461	ppbv	97
27) Carbon Disulfide	4.558	76	1478254	11.279	ppbv	98
28) Methyl tert-Butyl Ether	5.041	73	1402180	13.358	ppbv	99
29) Chloroform	5.761	83	2186623	9.796	ppbv	99
30) Cyclohexane	7.137	84	1082944	9.375	ppbv	96
31) cis-1,2-Dichloroethene	5.555	61	1354043	9.634	ppbv	96
32) 1,1,1-Trichloroethane	6.517	97	2249211	10.078	ppbv	99
34) 2-Butanone	5.250	43	1825966	10.504	ppbv	99
35) Carbon Tetrachloride	7.025	117	2400978	10.694	ppbv	96
36) Benzene	6.899	78	2626420	9.007	ppbv	100
37) 1,2-Dichloroethane	6.314	62	1745354	9.674	ppbv	99
38) Trichloroethene	7.844	130	1281945	9.889	ppbv	96
39) 1,2-Dichloropropane	7.619	63	1035162	9.124	ppbv	96
40) 1,4-Dioxane	7.835	88	348354	8.548	ppbv	83
41) Tetrahydrofuran	6.054	42	1075883	9.209	ppbv	99
42) Bromodichloromethane	7.796	83	2439497	9.890	ppbv	97
43) Methyl Methacrylate	8.021	69	1100902	9.300	ppbv	100
44) 2,2,4-Trimethylpentane	7.877	57	4506771	8.808	ppbv	100
45) t-1,3-Dichloropropene	9.285	75	1307198	11.407	ppbv	99

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

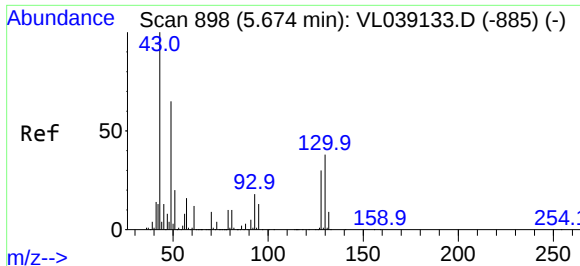
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 5 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

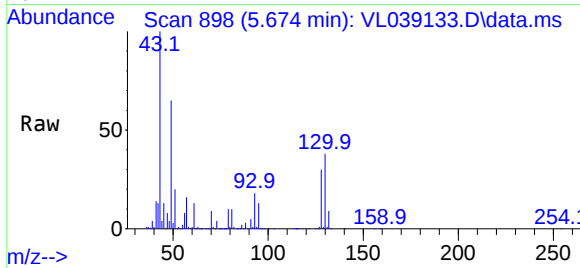
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.709	75	1600921	10.535	ppbv	96
47) 1,1,2-Trichloroethane	9.478	97	1103216	9.349	ppbv	99
48) Dibromochloromethane	10.307	129	2077394	10.816	ppbv	98
49) Bromoform	13.044	173	1741338	11.888	ppbv	98
50) 4-Methyl-2-Pentanone	8.745	43	2779143	9.117	ppbv	99
51) 2-Hexanone	10.137	43	2153677	9.680	ppbv #	99
52) Tetrachloroethene	11.230	164	996581	9.564	ppbv	94
53) Toluene	9.812	91	3062422	9.370	ppbv	100
54) 1,2-Dibromoethane	10.613	107	1534920	9.554	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.130	131	1408089	9.789	ppbv	96
57) Chlorobenzene	12.153	112	2248776	9.151	ppbv	99
58) Ethyl Benzene	12.716	91	4150993	8.798	ppbv	100
59) m/p-Xylene	12.999	91	7229340m	17.949	ppbv	
60) o-Xylene	13.696	91	3395773	8.958	ppbv	100
61) Styrene	13.532	104	1944880	9.610	ppbv	99
62) Isopropylbenzene	14.671	105	4947878	8.926	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.680	83	1827013	8.185	ppbv	99
64) n-propylbenzene	15.561	120	1279175	9.544	ppbv	94
65) tert-Butylbenzene	16.748	119	4520815	9.307	ppbv	97
66) Benzyl Chloride	16.989	91	792149	12.477	ppbv	96
67) sec-Butylbenzene	17.294	105	6276430	9.045	ppbv	100
69) p-Isopropyltoluene	17.654	119	5252378	9.369	ppbv	99
70) n-Butylbenzene	18.551	91	5576835	9.363	ppbv	99
71) 2-Chlorotoluene	15.452	91	3827514	8.956	ppbv	99
72) 4-Ethyltoluene	15.841	105	4051007	9.378	ppbv	99
73) 1,3,5-Trimethylbenzene	15.995	105	3672964	9.445	ppbv	96
74) 1,2,4-Trimethylbenzene	16.761	105	4001171	9.397	ppbv	97
75) 1,3-Dichlorobenzene	16.995	146	2313653	9.917	ppbv	100
76) 1,4-Dichlorobenzene	17.140	146	2250380	9.805	ppbv	98
77) 1,2-Dichlorobenzene	17.818	146	2264350	9.814	ppbv	99
78) Hexachloro-1,3-Butadiene	23.374	225	1940793m	9.152	ppbv	
79) Naphthalene	22.194	128	3703078	10.706	ppbv	99
80) Naphthalene,2-methyl-	24.966	142	1599475	15.287	ppbv	93
81) 1,2,4-Trichlorobenzene	21.921	180	2084055m	10.283	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.010 min
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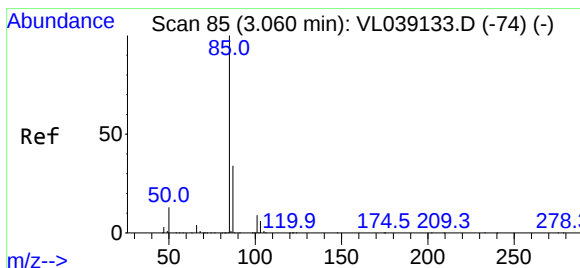
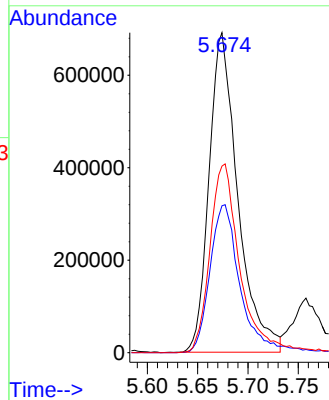
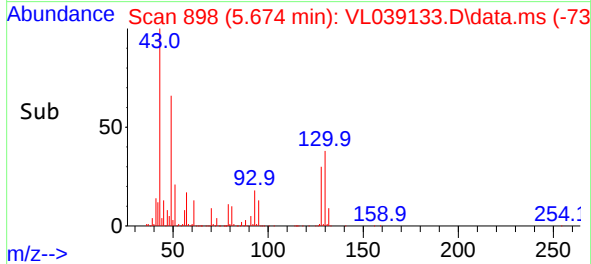
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



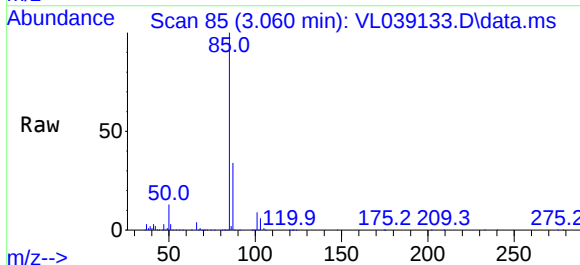
Tgt Ion: 49 Resp: 137529
Ion Ratio Lower Upper
49 100
128 49.4 23.3 69.8
130 62.7 29.8 89.3

Manual Integrations
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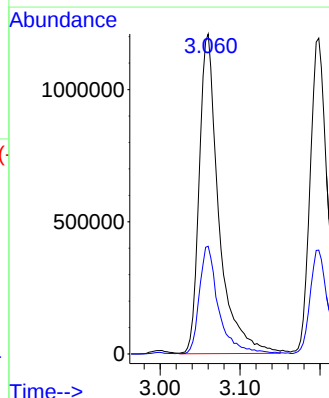
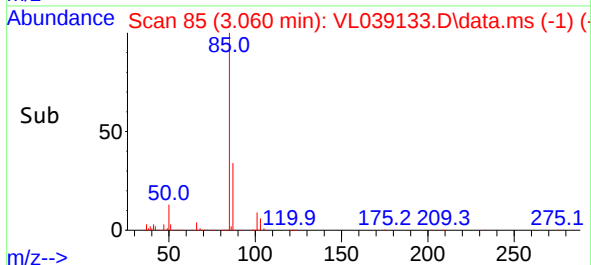
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

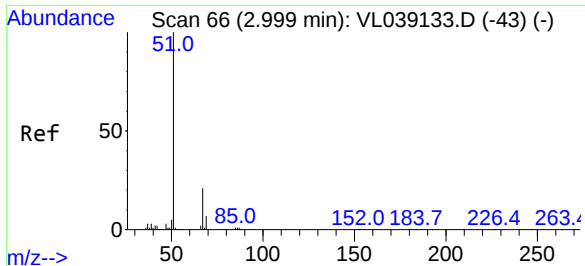


#2
Dichlorodifluoromethane
Concen: 9.567 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



Tgt Ion: 85 Resp: 2061653
Ion Ratio Lower Upper
85 100
87 33.6 25.7 38.5





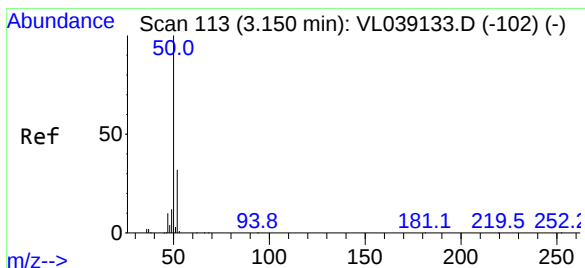
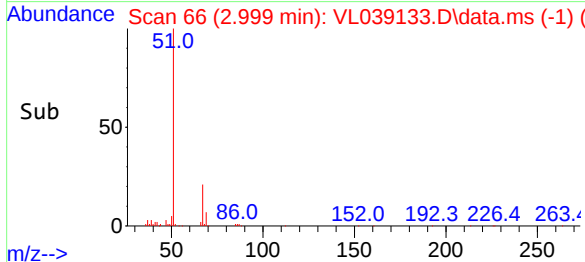
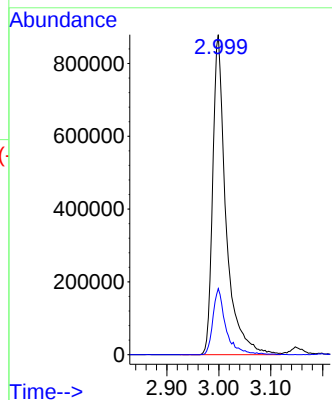
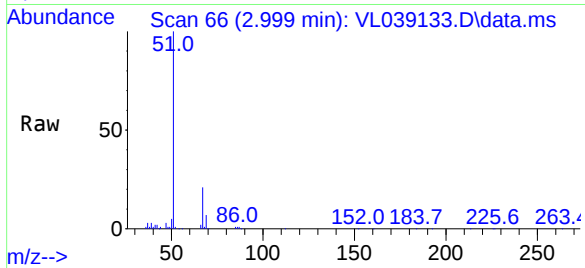
#3
Chlorodifluoromethane
Concen: 9.149 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.006 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1561378
Ion Ratio Lower Upper
51 100
67 20.3 15.8 23.8

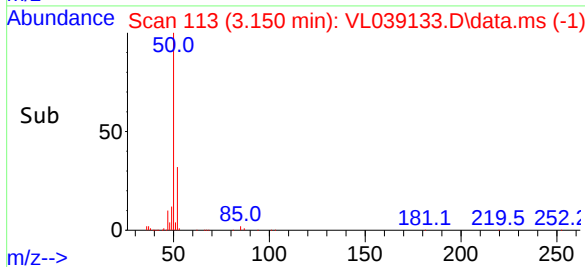
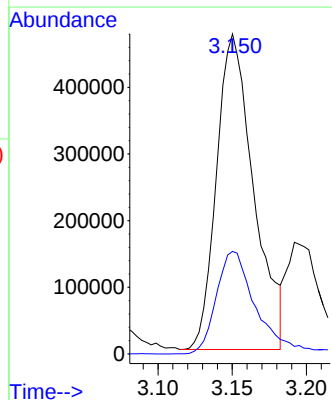
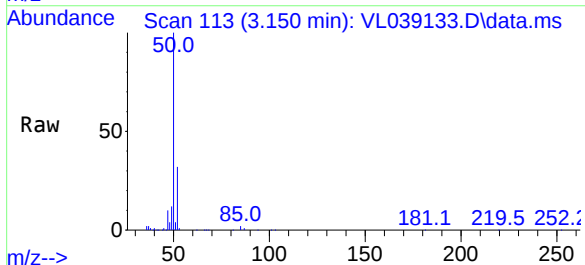
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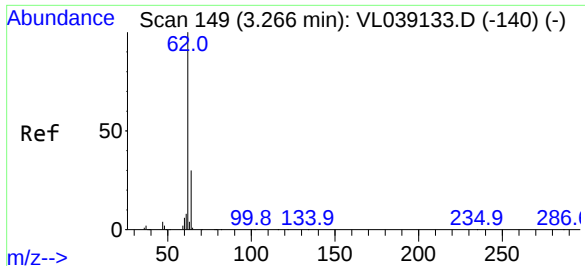
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#4
Chloromethane
Concen: 9.648 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.006 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

Tgt Ion: 50 Resp: 824575
Ion Ratio Lower Upper
50 100
52 32.4 27.3 40.9





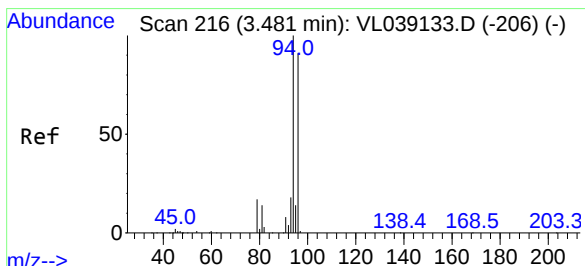
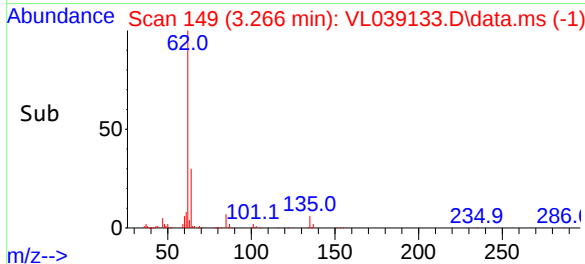
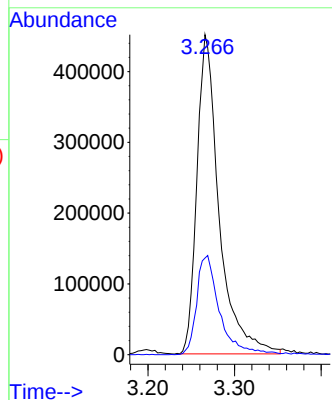
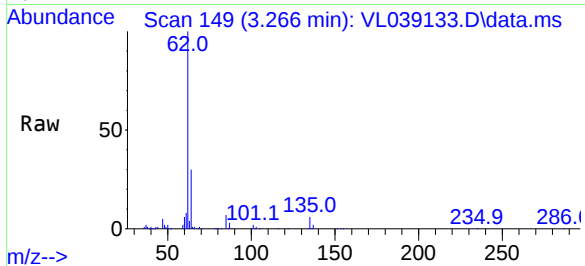
#5
 Vinyl Chloride
 Concen: 10.280 ppbv
 RT: 3.266 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 80226
 Ion Ratio Lower Upper
 62 100
 64 30.2 24.2 36.4

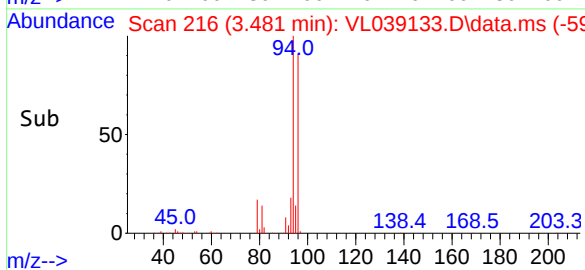
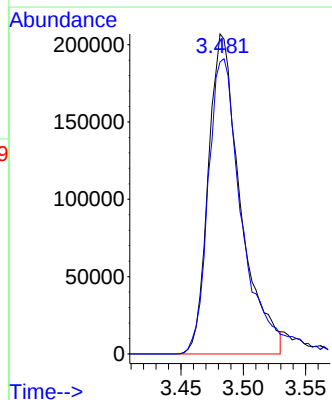
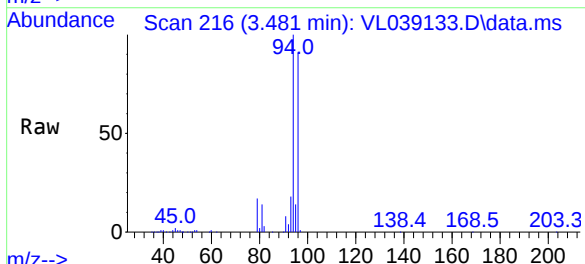
Manual Integrations
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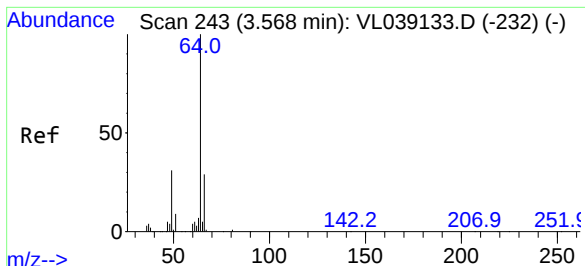
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#6
 Bromomethane
 Concen: 10.063 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.003 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13

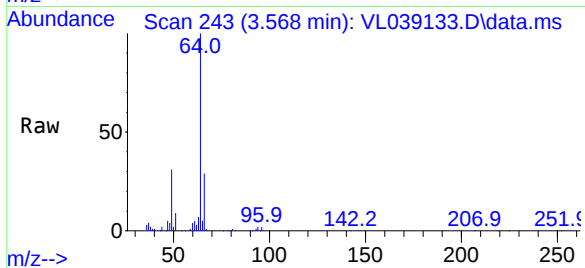
Tgt Ion: 94 Resp: 371004
 Ion Ratio Lower Upper
 94 100
 96 91.2 78.1 117.1





#7
Chloroethane
Concen: 10.531 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

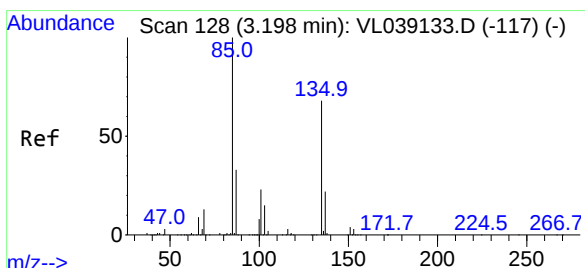
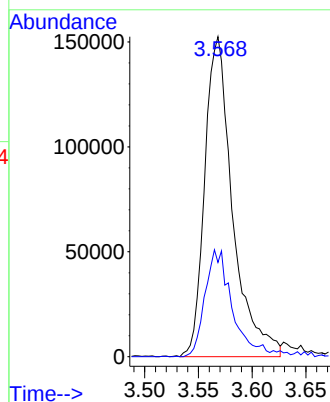
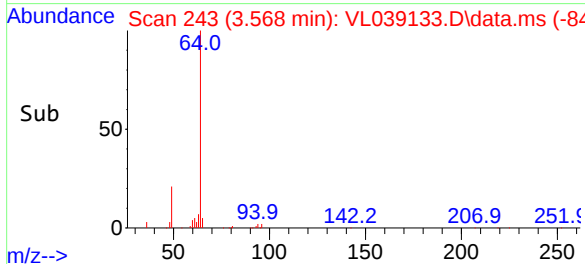
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



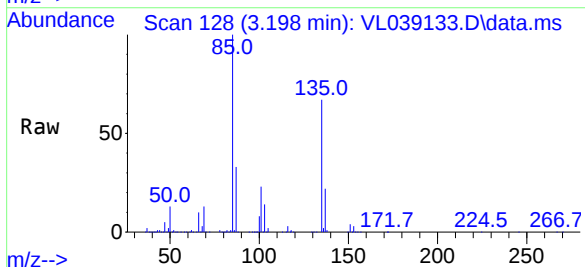
Tgt Ion: 64 Resp: 275083
Ion Ratio Lower Upper
64 100
66 29.5 23.8 35.8

Manual Integrations
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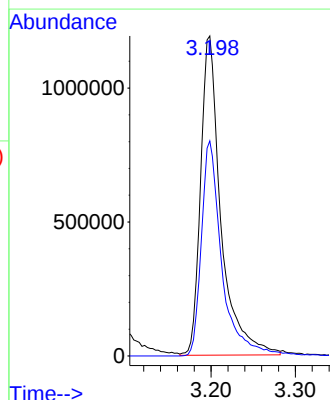
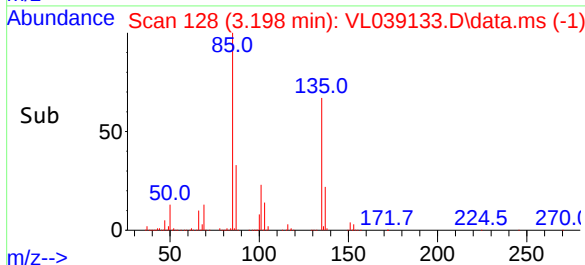
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Supervised By :Mahesh Dadoda 06/01/2022

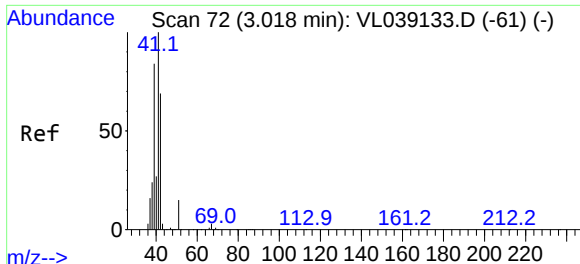


#8
Dichlorotetrafluoroethane
Concen: 10.252 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.006 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



Tgt Ion: 85 Resp: 2002170
Ion Ratio Lower Upper
85 100
135 68.7 53.6 80.4





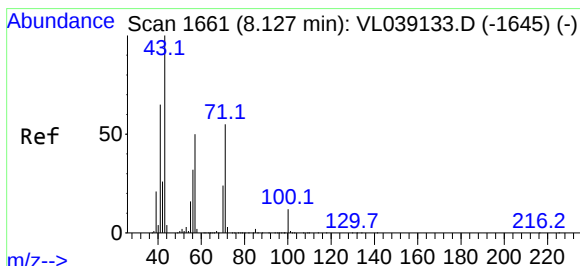
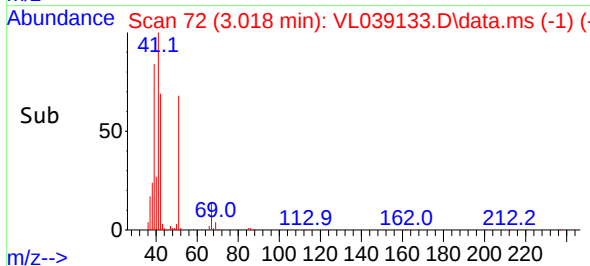
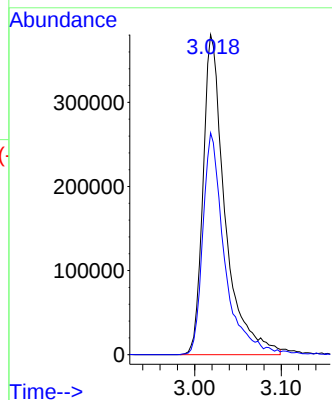
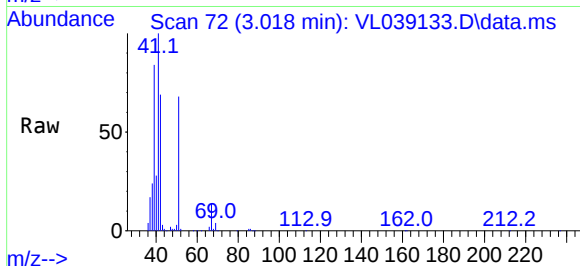
#9
 Propene
 Concen: 8.990 ppbv
 RT: 3.018 min Scan# 72
 Delta R.T. 0.006 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 670000
 Ion Ratio Lower Upper
 41 100
 42 69.3 58.3 87.5

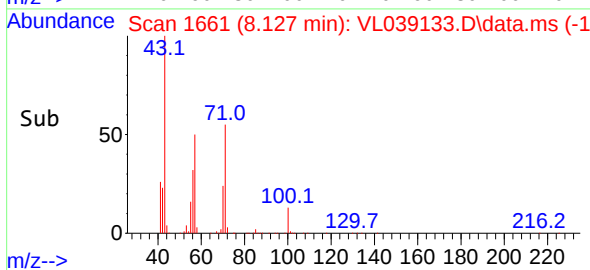
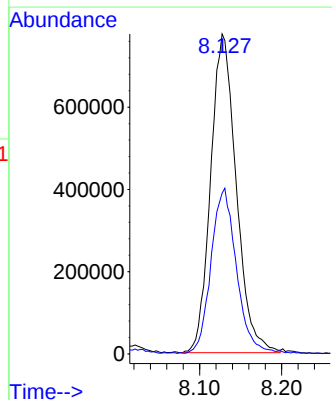
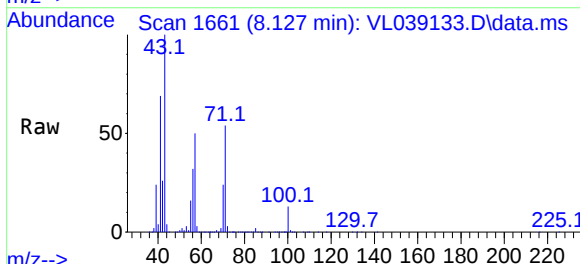
Manual Integrations
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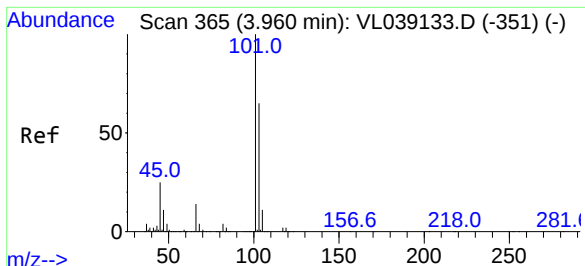
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#10
 Heptane
 Concen: 9.197 ppbv
 RT: 8.127 min Scan# 1661
 Delta R.T. 0.013 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13

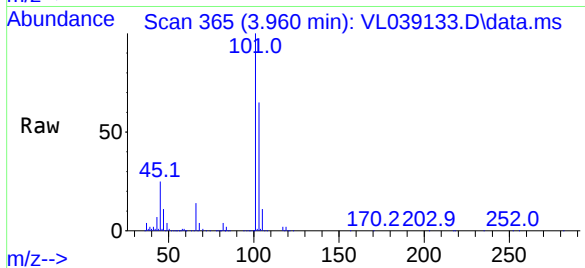
Tgt Ion: 43 Resp: 1681556
 Ion Ratio Lower Upper
 43 100
 57 51.8 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.409 ppbv
RT: 3.960 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

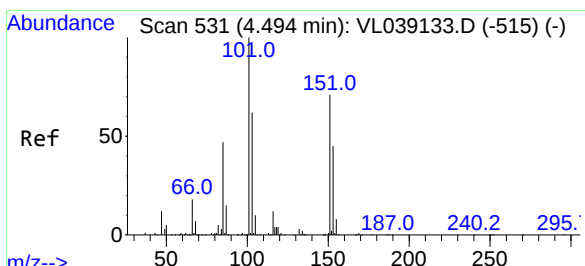
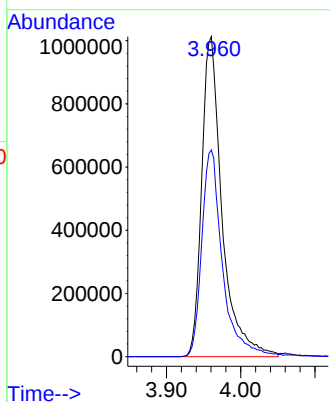
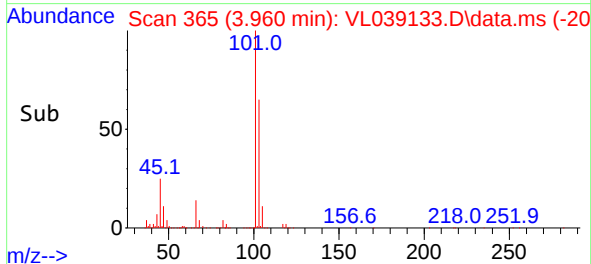
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



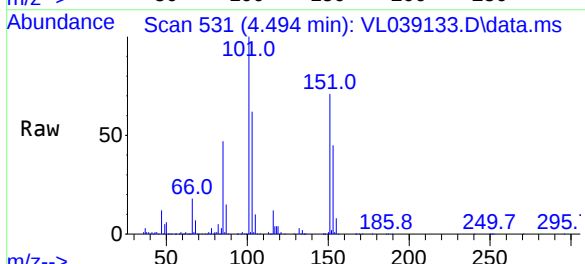
Tgt Ion:101 Resp: 1924410
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

Manual Integrations
APPROVED

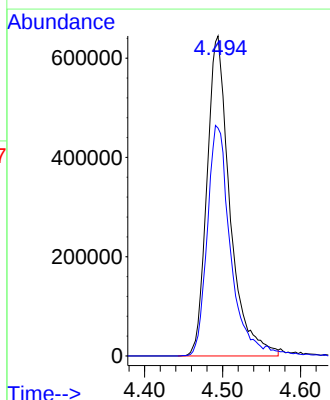
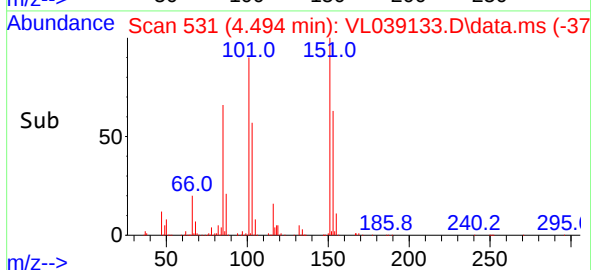
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

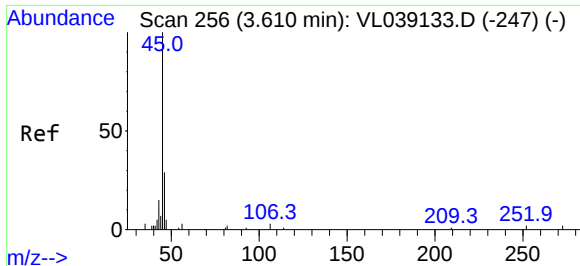


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.339 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



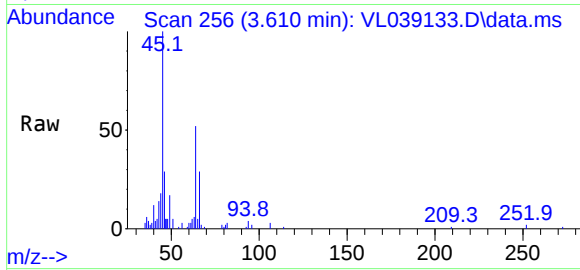
Tgt Ion:101 Resp: 1316832
Ion Ratio Lower Upper
101 100
151 74.2 55.4 83.0





#13
Ethanol
Concen: 7.310 ppbv m
RT: 3.610 min Scan# 247
Delta R.T. 0.000 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

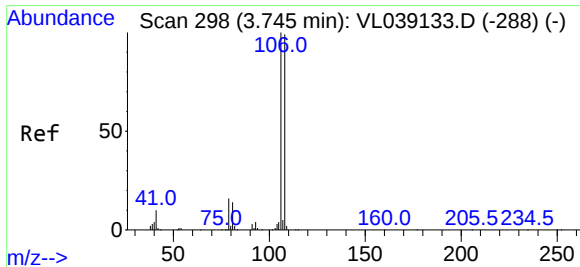
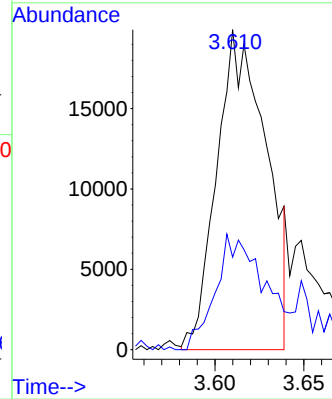
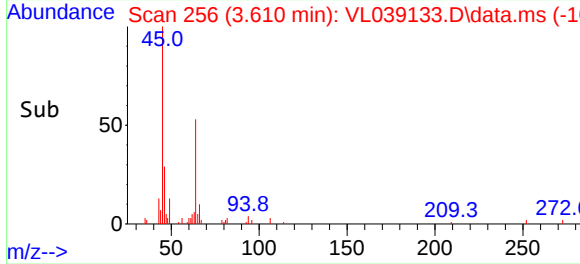
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



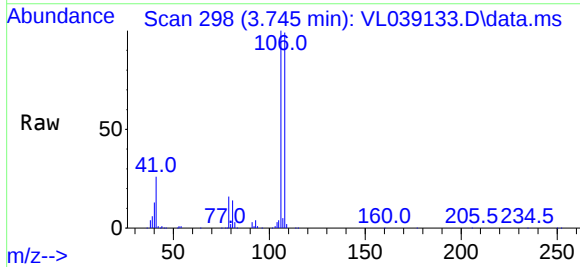
Tgt Ion: 45 Resp: 38554
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2

Manual Integrations
APPROVED

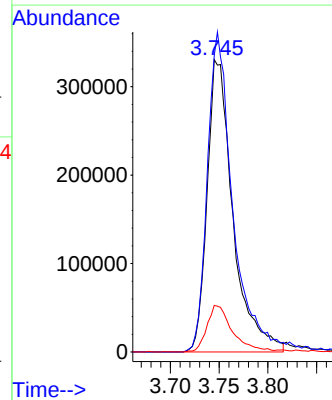
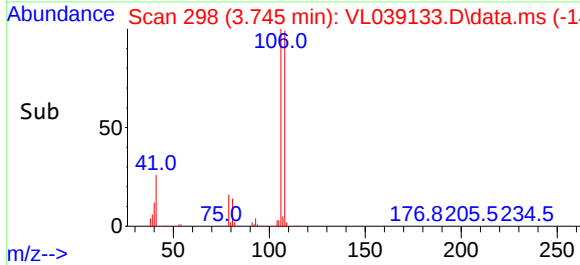
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

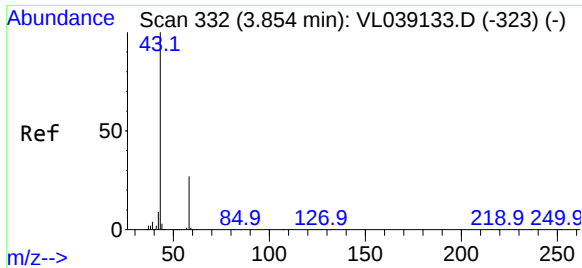


#14
Bromoethene
Concen: 11.628 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.006 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



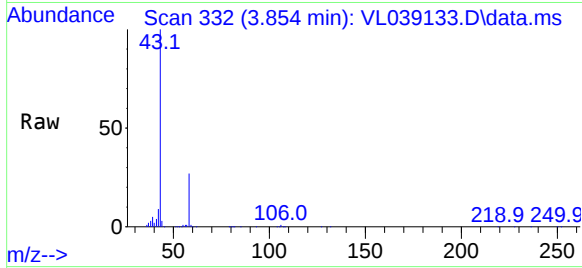
Tgt Ion:108 Resp: 610683
Ion Ratio Lower Upper
108 100
106 110.5 90.3 135.5
79 16.8 14.9 22.3





#15
Acetone
Concen: 9.637 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

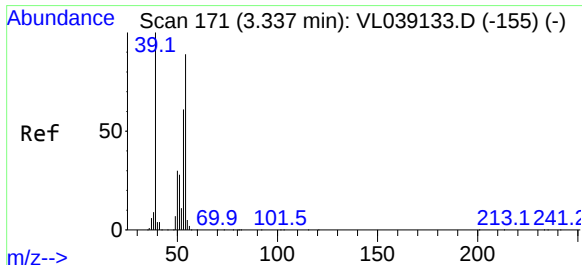
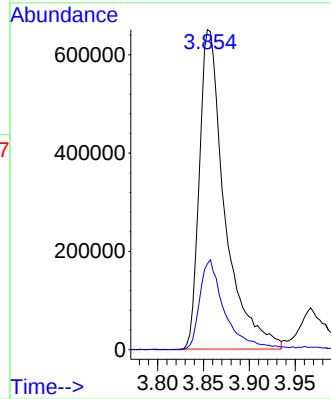
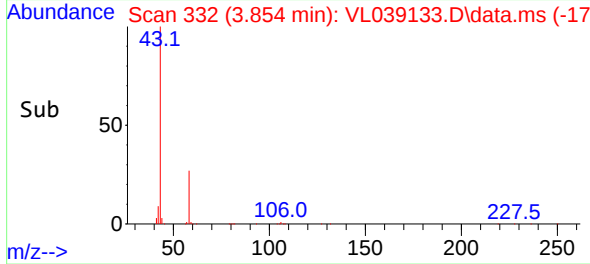
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



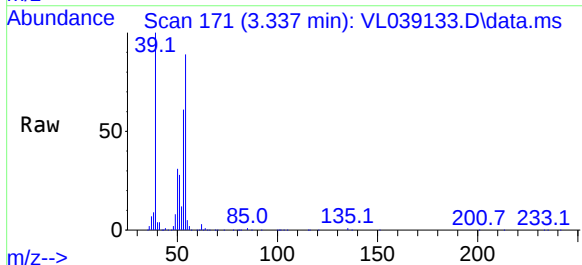
Tgt Ion: 43 Resp: 125017
Ion Ratio Lower Upper
43 100
58 28.1 21.3 31.9

Manual Integrations
APPROVED

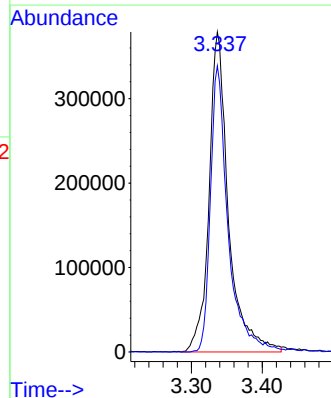
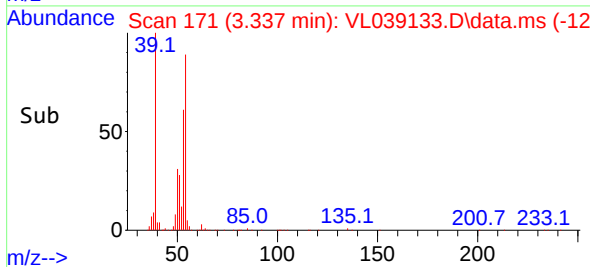
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

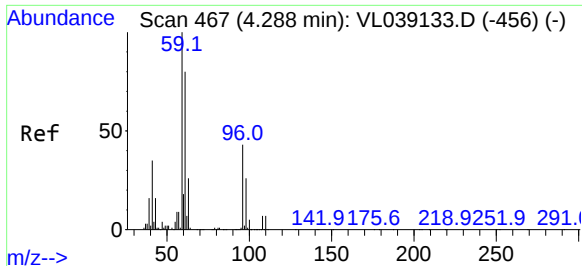


#16
1,3-Butadiene
Concen: 9.691 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



Tgt Ion: 39 Resp: 722330
Ion Ratio Lower Upper
39 100
54 82.2 65.2 97.8





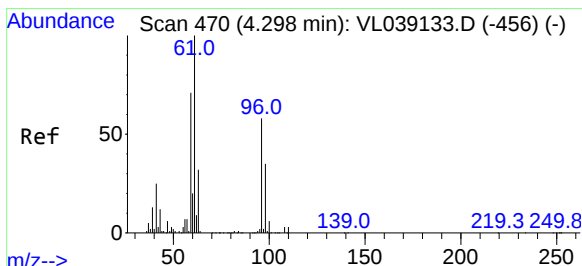
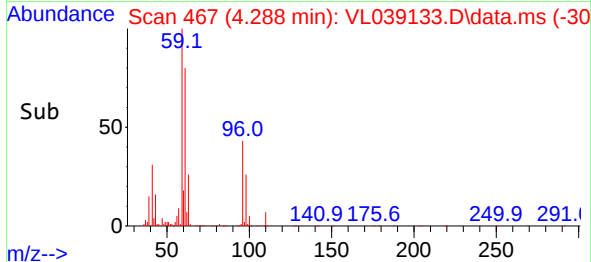
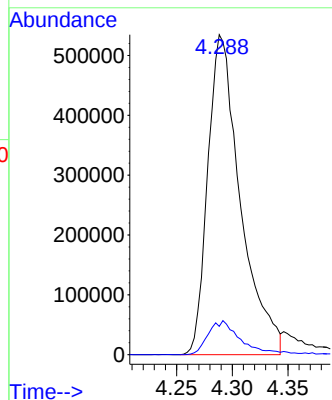
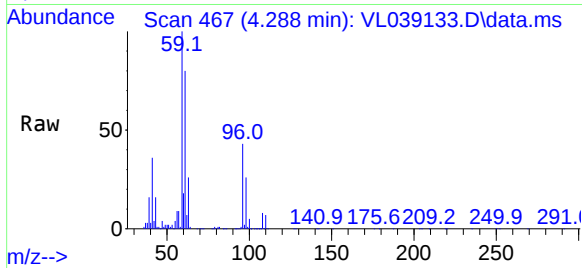
#17
tert-Butyl alcohol
Concen: 10.956 ppbv
RT: 4.288 min Scan# 409
Delta R.T. 0.006 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 1092372
Ion Ratio Lower Upper
59 100
57 11.4 9.2 13.8

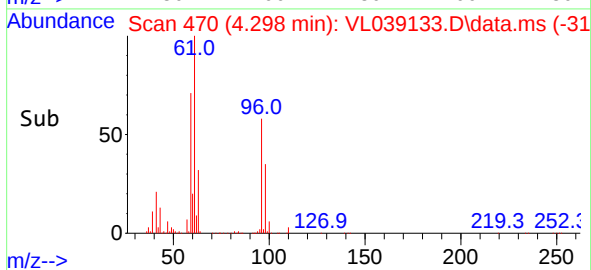
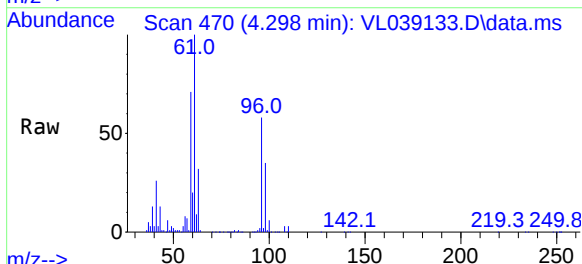
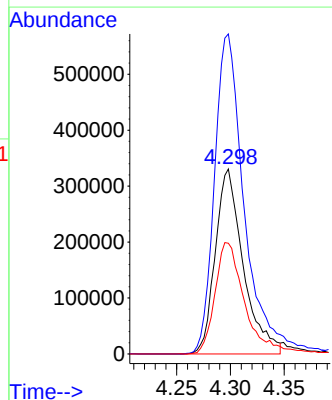
Manual Integrations
APPROVED

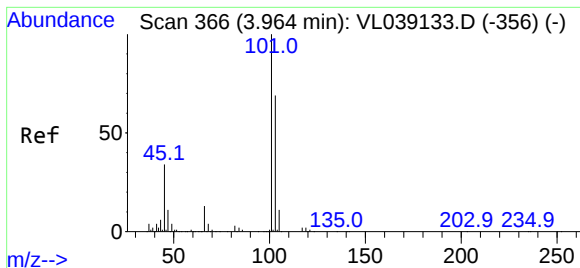
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#18
1,1-Dichloroethene
Concen: 10.906 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

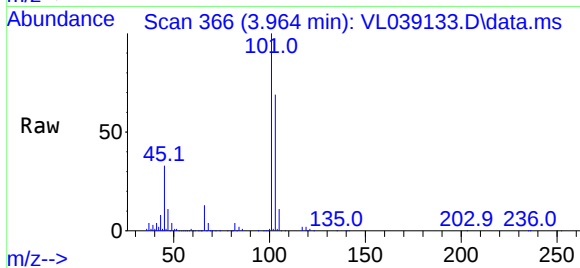
Tgt Ion: 96 Resp: 597791
Ion Ratio Lower Upper
96 100
61 173.0 146.3 219.5
98 59.8 50.6 75.8





#19
Isopropyl Alcohol
Concen: 10.859 ppbv
RT: 3.964 min Scan# 366
Delta R.T. 0.006 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

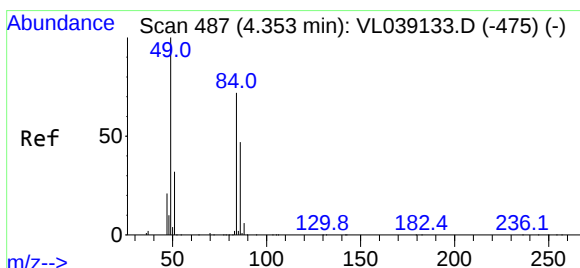
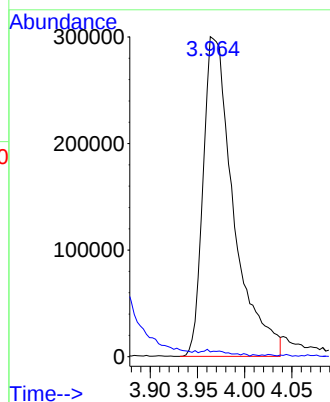
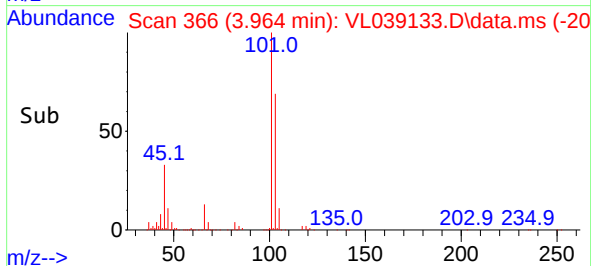
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



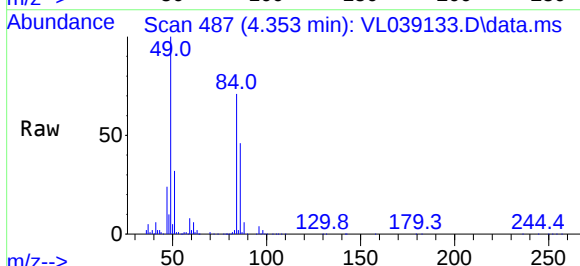
Tgt Ion: 45 Resp: 66983
Ion Ratio Lower Upper
45 100
58 2.3 1.4 2.2

Manual Integrations
APPROVED

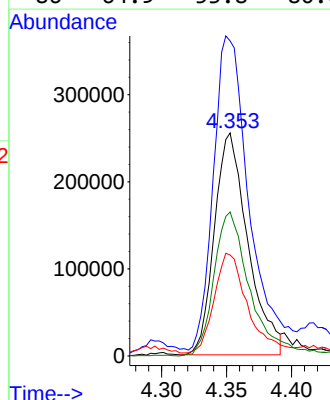
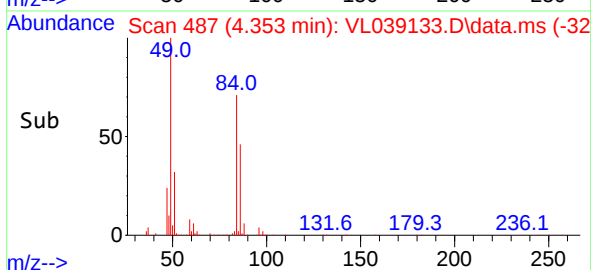
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

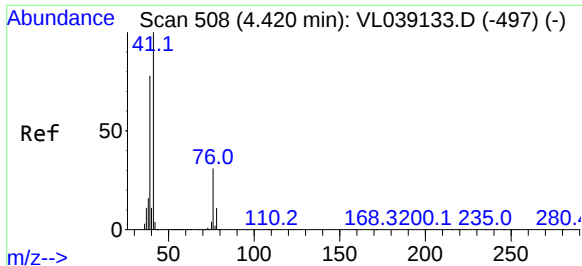


#20
Methylene Chloride
Concen: 9.366 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



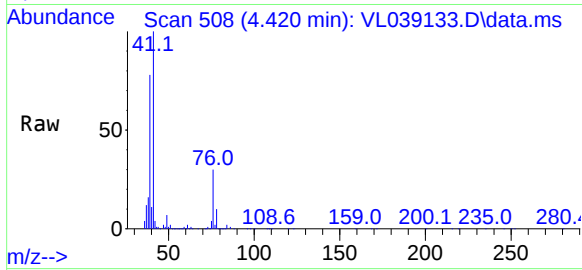
Tgt Ion: 84 Resp: 457946
Ion Ratio Lower Upper
84 100
49 138.9 119.9 179.9
51 44.1 35.7 53.5
86 64.9 53.8 80.6





#21
 Allyl Chloride
 Concen: 10.212 ppbv
 RT: 4.420 min Scan# 508
 Delta R.T. 0.010 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13

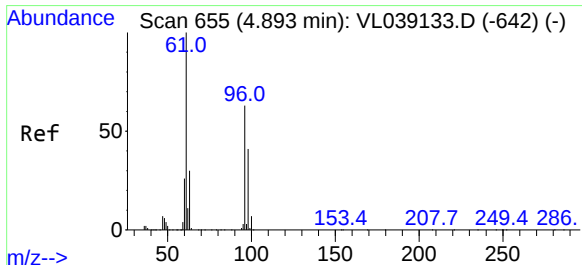
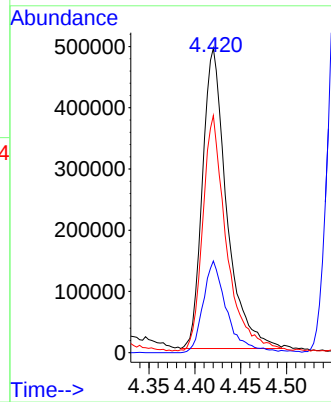
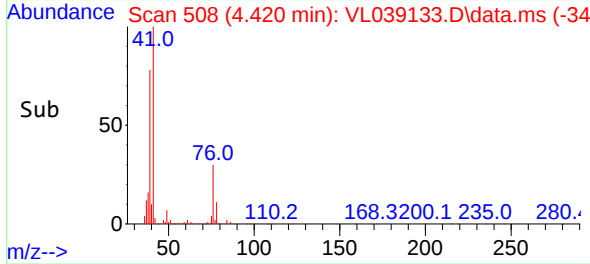
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



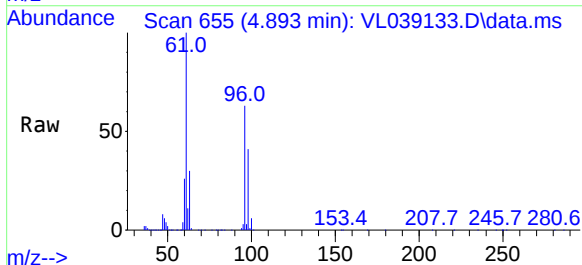
Tgt Ion: 41 Resp: 902725
 Ion Ratio Lower Upper
 41 100
 76 30.2 24.2 36.4
 39 77.7 63.8 95.8

Manual Integrations
 APPROVED

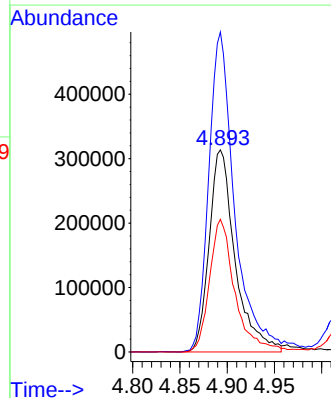
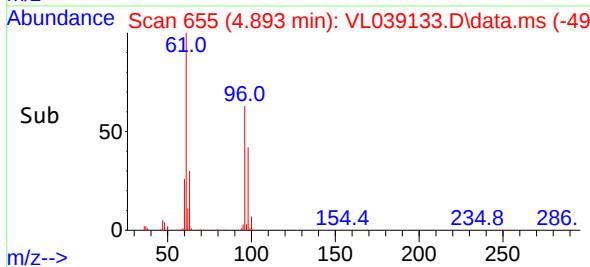
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

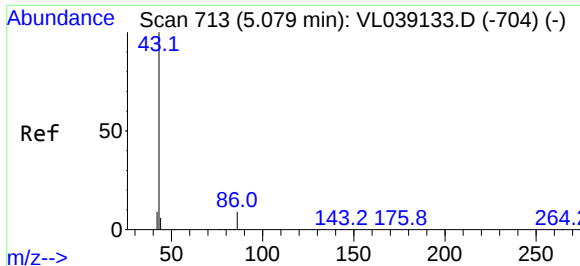


#22
 trans-1,2-Dichloroethene
 Concen: 10.149 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.010 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13



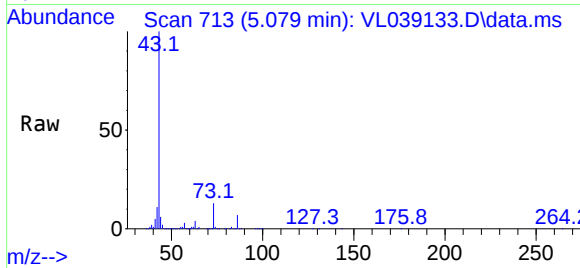
Tgt Ion: 96 Resp: 600930
 Ion Ratio Lower Upper
 96 100
 61 158.3 128.2 192.2
 98 65.6 50.1 75.1





#23
 Vinyl Acetate
 Concen: 11.983 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.010 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13

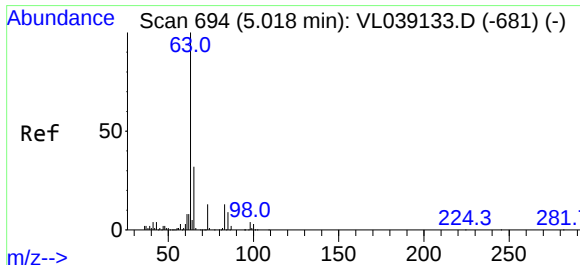
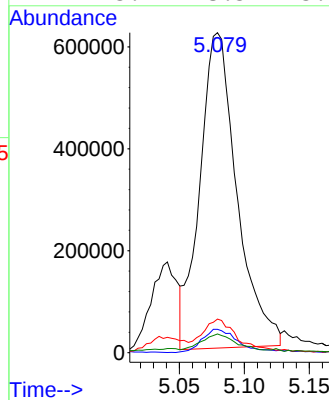
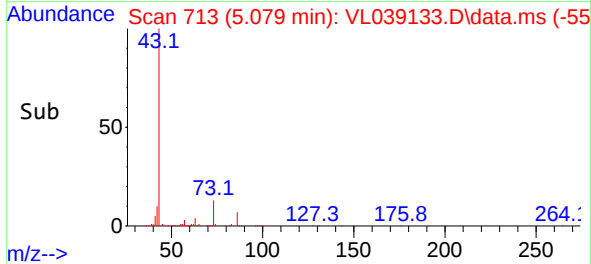
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 43 Resp: 1230015
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.6 9.8
 42 10.3 8.1 12.1
 44 5.4 3.5 5.3#

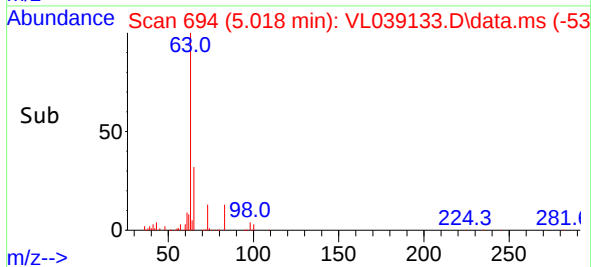
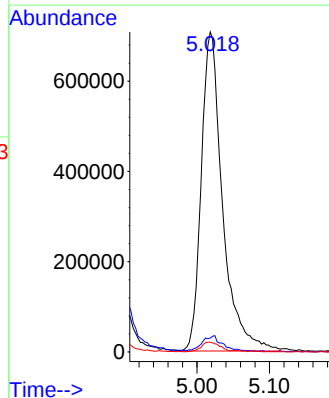
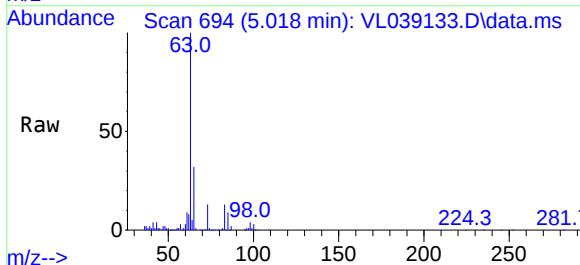
Manual Integrations
 APPROVED

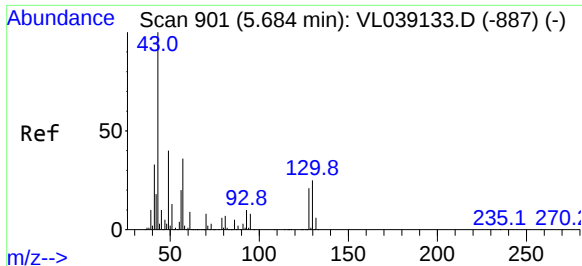
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#24
 1,1-Dichloroethane
 Concen: 12.189 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.010 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13

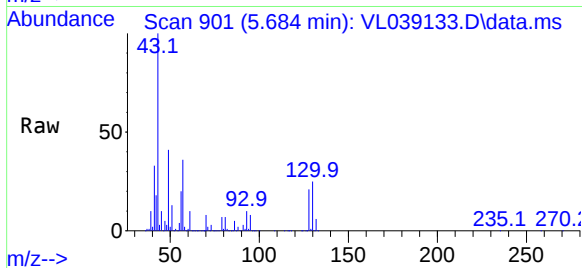
Tgt Ion: 63 Resp: 1440737
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.2
 100 3.0 1.4 4.2





#25
Ethyl Acetate
Concen: 9.531 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

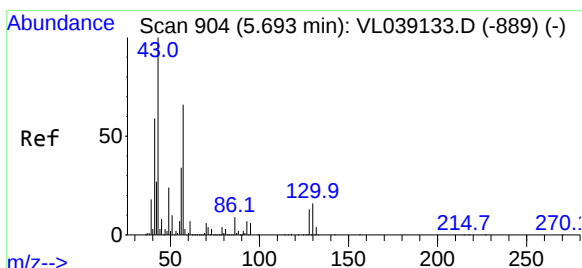
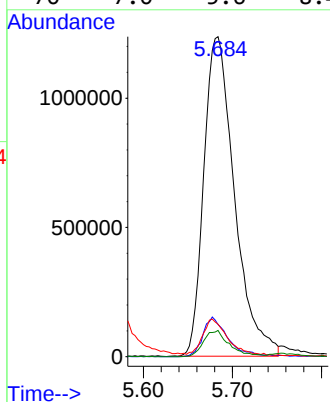
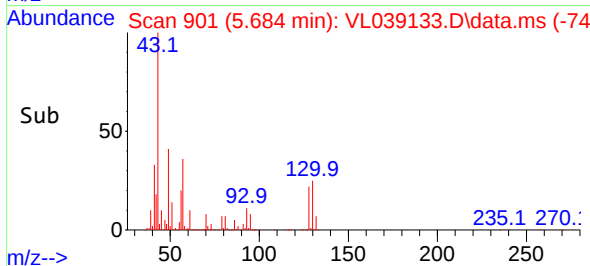
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



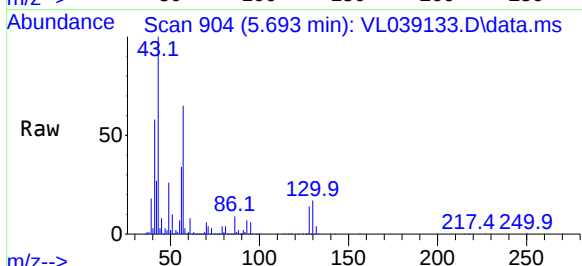
Tgt Ion: 43 Resp: 2959394
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 10.5 7.8 11.6
70 7.0 5.6 8.4

Manual Integrations
APPROVED

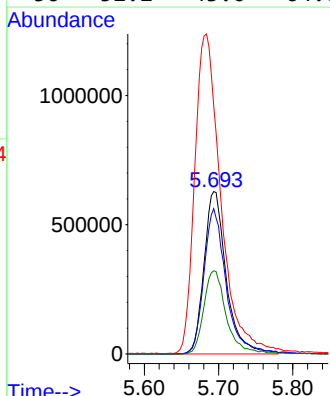
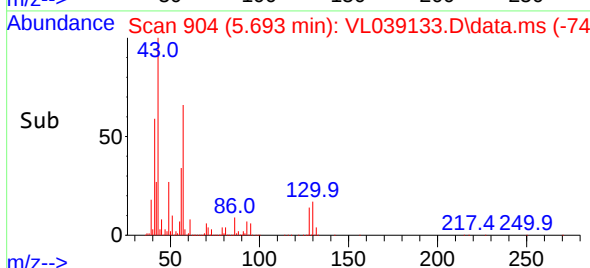
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

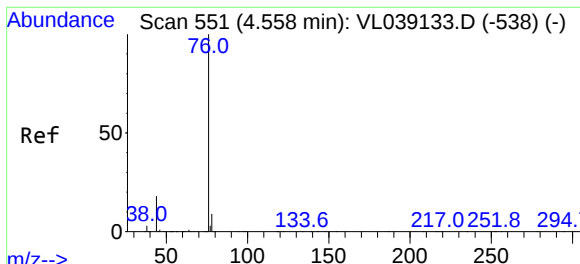


#26
Hexane
Concen: 9.461 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



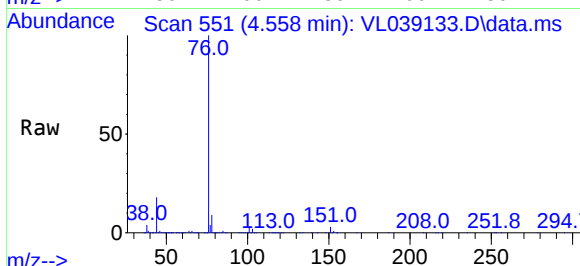
Tgt Ion: 57 Resp: 1305278
Ion Ratio Lower Upper
57 100
41 90.5 75.2 112.8
43 233.8 190.8 286.2
56 52.2 43.0 64.6





#27
Carbon Disulfide
Concen: 11.279 ppbv
RT: 4.558 min Scan# 511
Delta R.T. 0.006 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

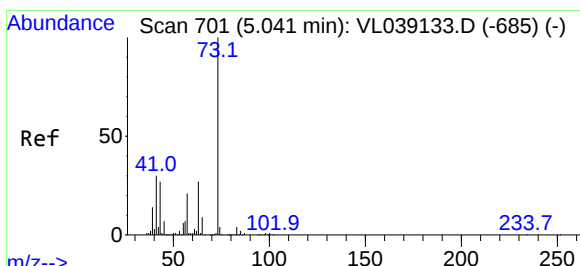
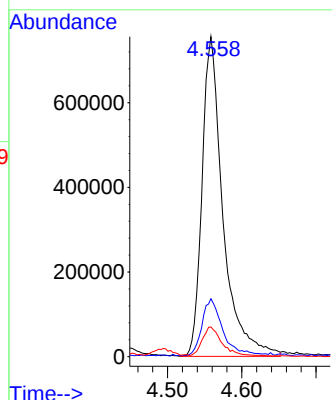
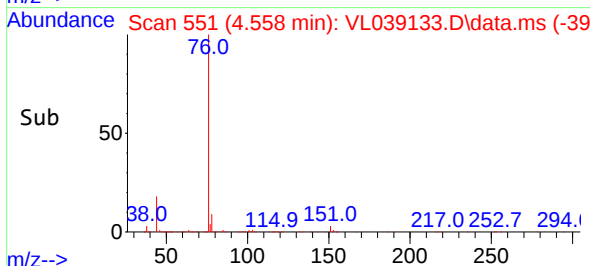
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



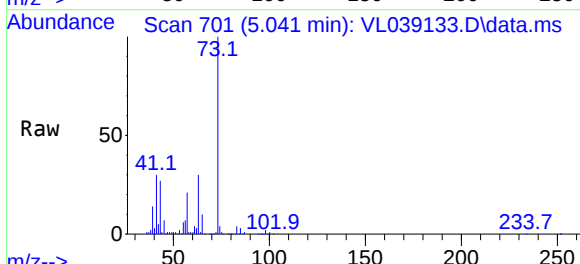
Tgt Ion: 76 Resp: 1478254
Ion Ratio Lower Upper
76 100
44 18.0 15.3 22.9
78 9.6 8.2 12.2

Manual Integrations
APPROVED

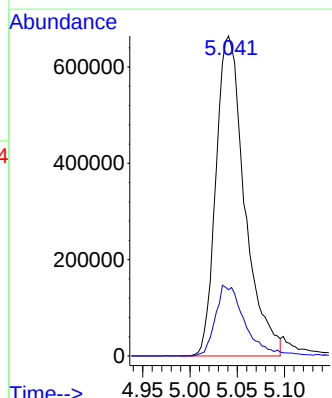
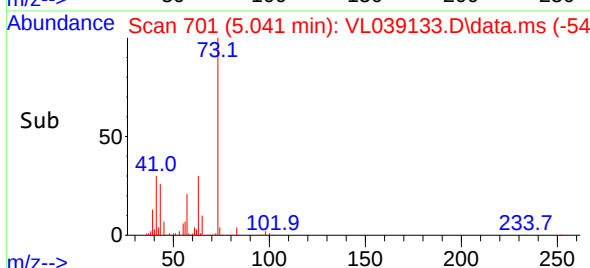
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

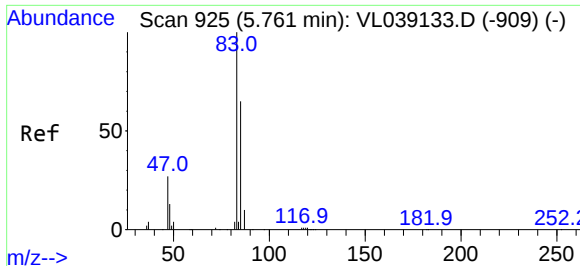


#28
Methyl tert-Butyl Ether
Concen: 13.358 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



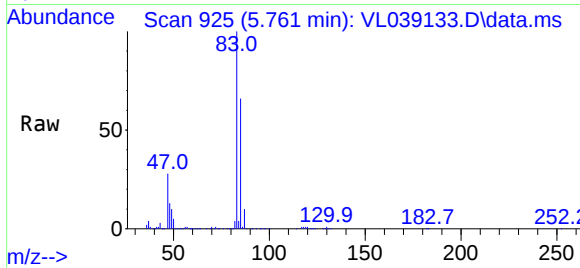
Tgt Ion: 73 Resp: 1402180
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2





#29
Chloroform
Concen: 9.796 ppbv
RT: 5.761 min Scan# 910
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

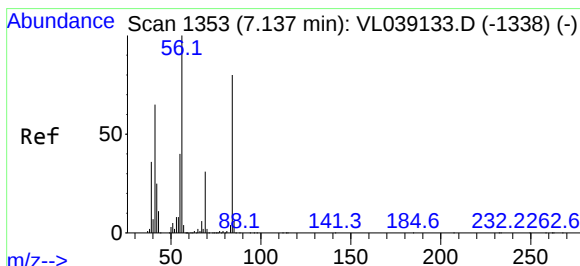
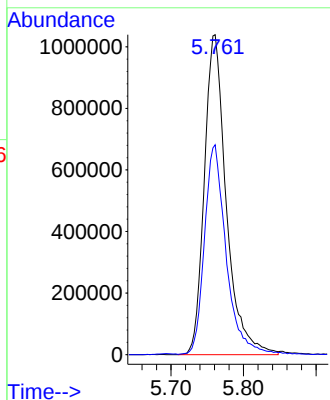
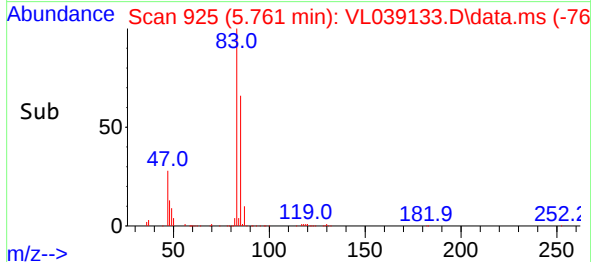
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



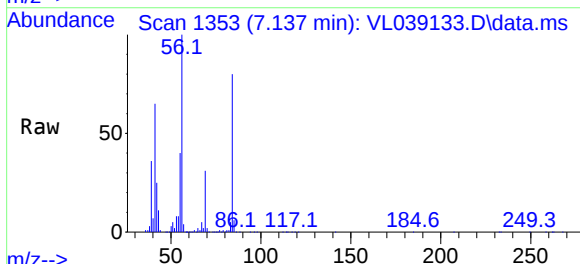
Tgt Ion: 83 Resp: 218662
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6

Manual Integrations
APPROVED

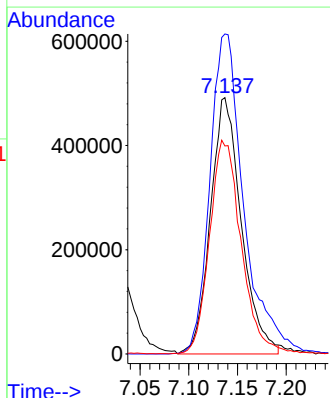
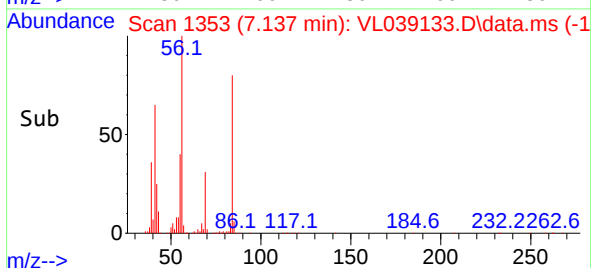
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

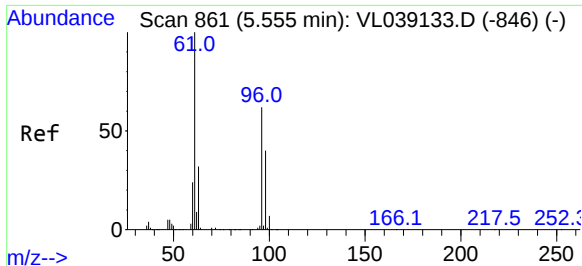


#30
Cyclohexane
Concen: 9.375 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



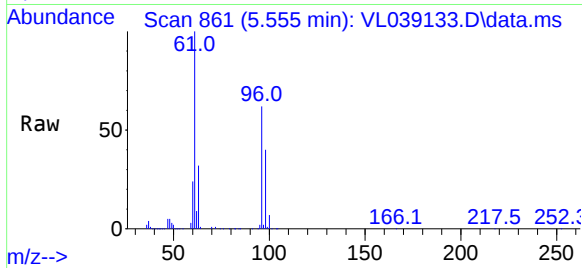
Tgt Ion: 84 Resp: 1082944
Ion Ratio Lower Upper
84 100
56 138.2 115.3 172.9
41 86.1 72.0 108.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.634 ppbv
 RT: 5.555 min Scan# 861
 Delta R.T. 0.006 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

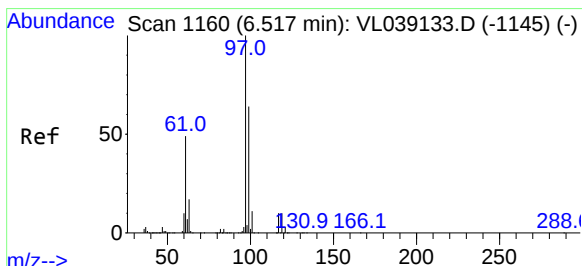
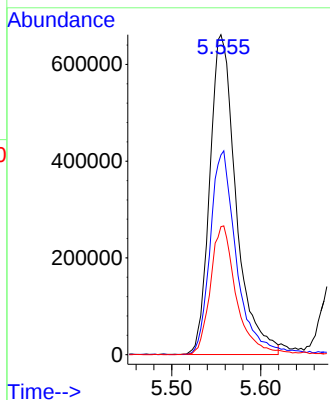
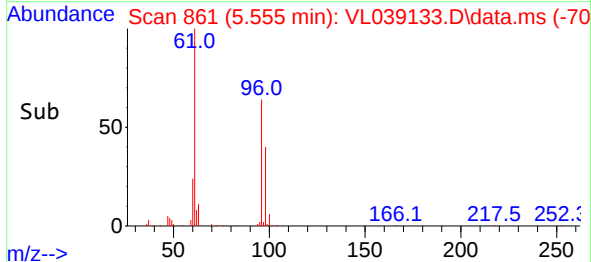


Tgt Ion: 61 Resp: 135404

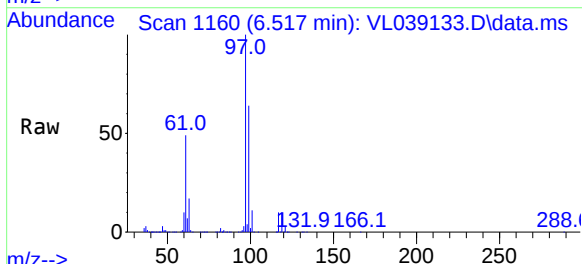
Ion	Ratio	Lower	Upper
61	100		
96	62.4	47.4	71.0
98	40.0	30.6	45.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

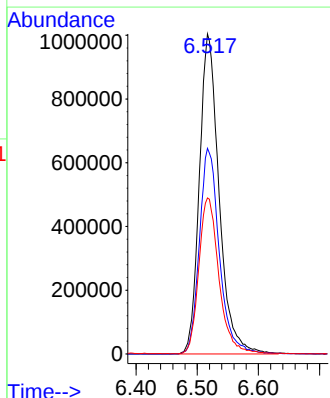
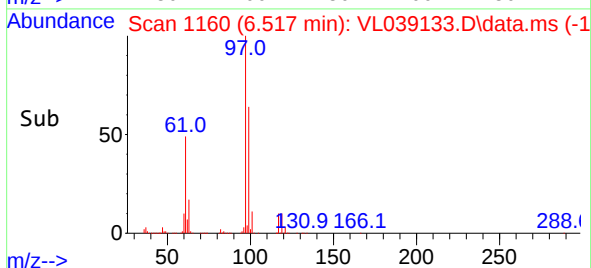


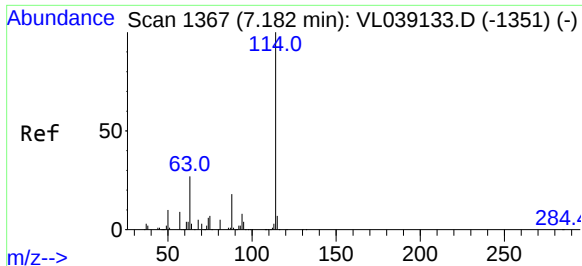
#32
 1,1,1-Trichloroethane
 Concen: 10.078 ppbv
 RT: 6.517 min Scan# 1160
 Delta R.T. 0.010 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13



Tgt Ion: 97 Resp: 2249211

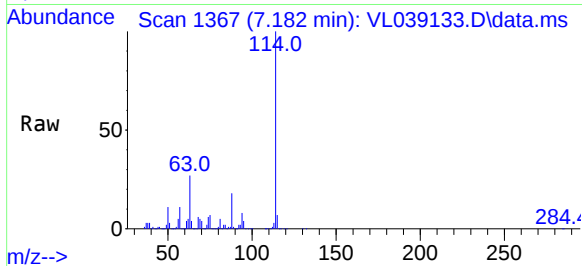
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.9	77.9
61	50.0	40.9	61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

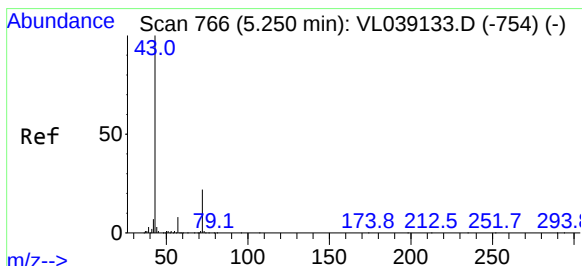
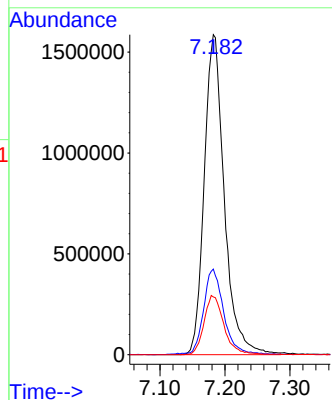
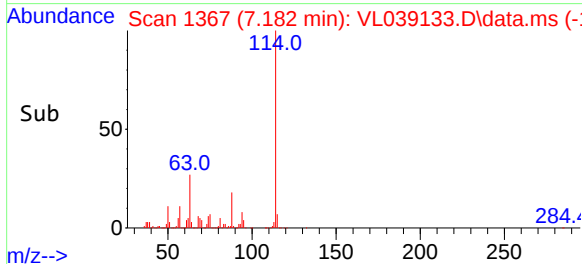
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



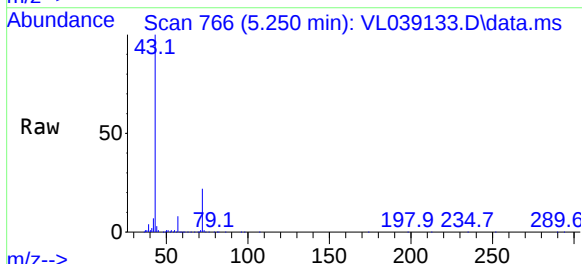
Tgt Ion:114 Resp: 340738
Ion Ratio Lower Upper
114 100
63 27.1 22.6 33.8
88 18.5 15.4 23.0

Manual Integrations
APPROVED

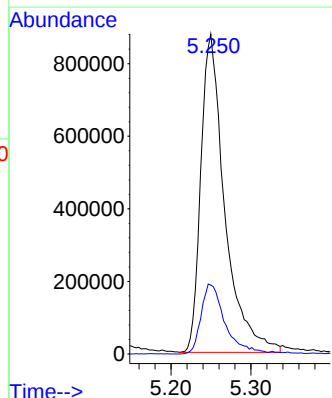
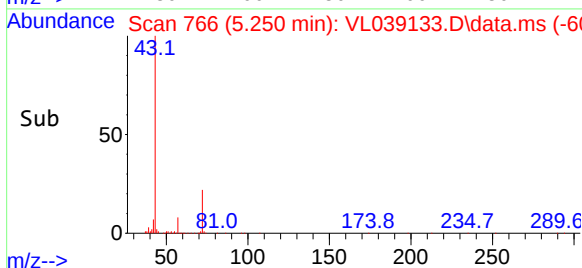
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

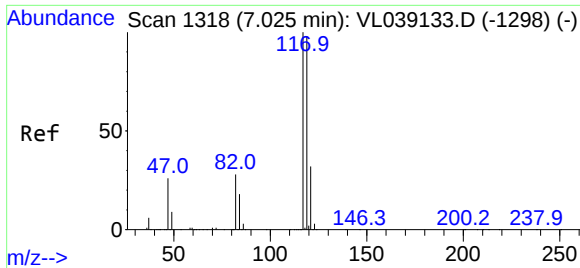


#34
2-Butanone
Concen: 10.504 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



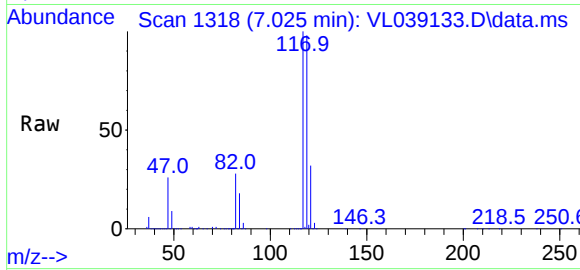
Tgt Ion: 43 Resp: 1825966
Ion Ratio Lower Upper
43 100
72 22.7 17.8 26.6





#35
Carbon Tetrachloride
Concen: 10.694 ppbv
RT: 7.025 min Scan# 1318
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

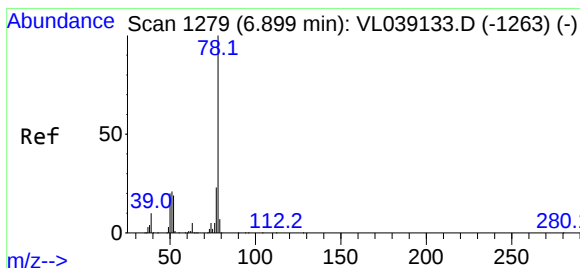
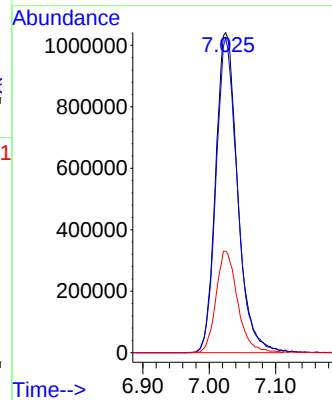
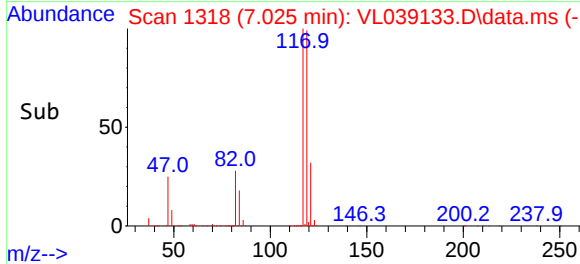
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



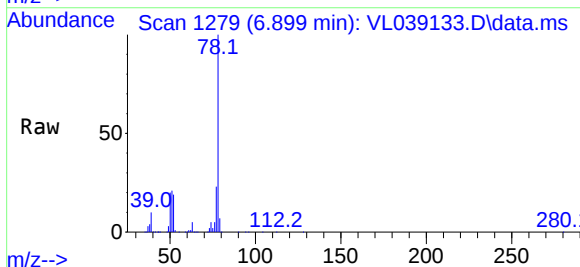
Tgt Ion: 117 Resp: 2400978
Ion Ratio Lower Upper
117 100
119 98.3 75.2 112.8
121 31.7 24.6 37.0

Manual Integrations
APPROVED

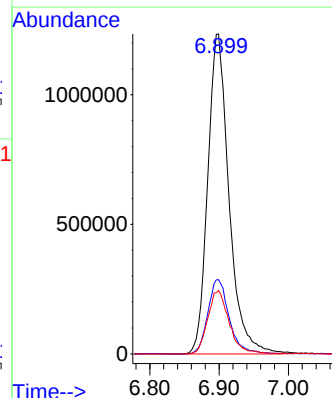
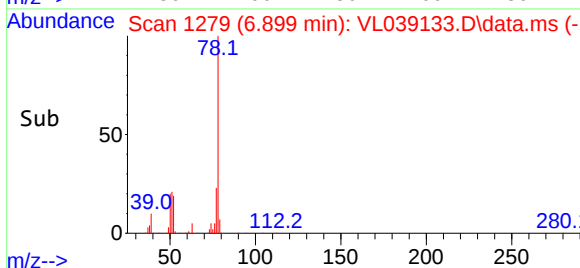
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

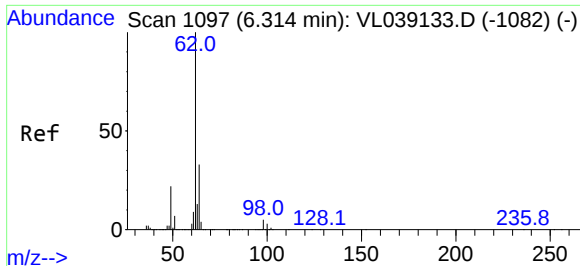


#36
Benzene
Concen: 9.007 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



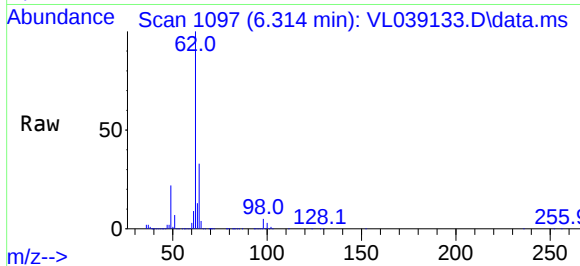
Tgt Ion: 78 Resp: 2626420
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0
50 19.8 15.6 23.4





#37
1,2-Dichloroethane
Concen: 9.674 ppbv
RT: 6.314 min Scan# 1097
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

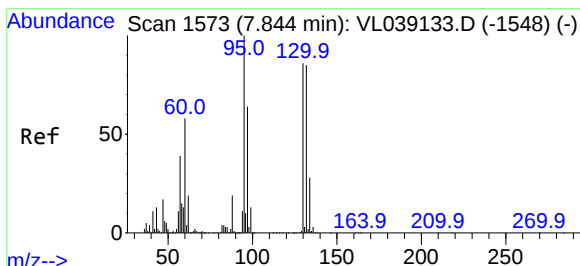
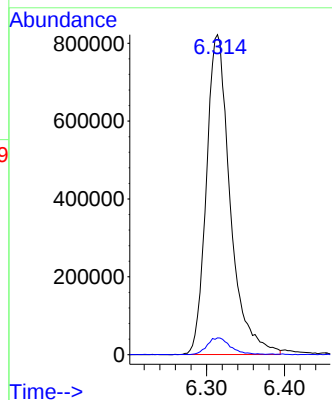
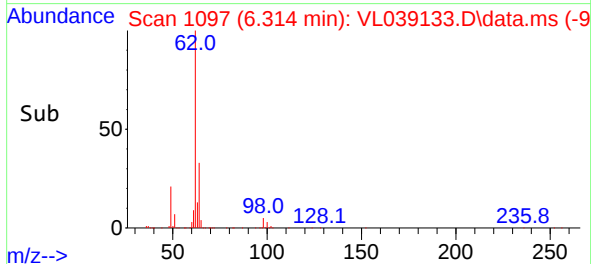
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



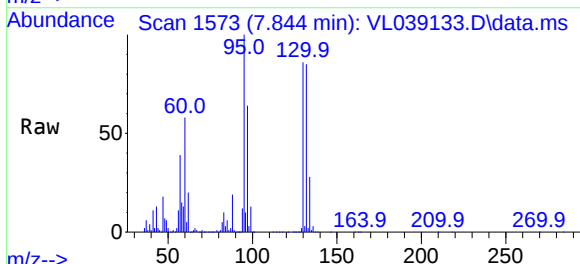
Tgt Ion: 62 Resp: 1745354
Ion Ratio Lower Upper
62 100
98 5.4 4.5 6.7

Manual Integrations
APPROVED

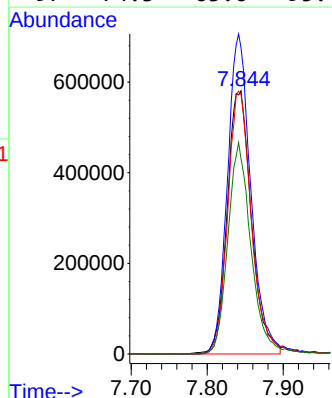
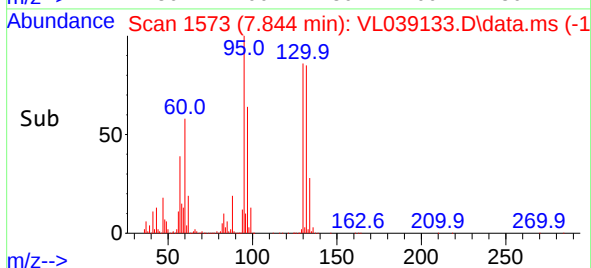
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

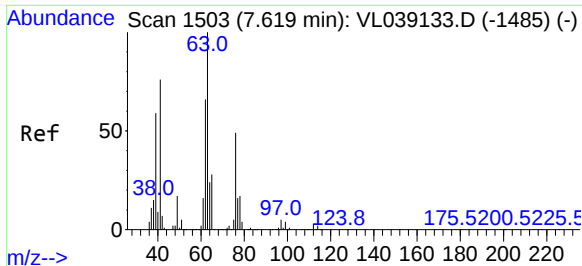


#38
Trichloroethene
Concen: 9.889 ppbv
RT: 7.844 min Scan# 1573
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



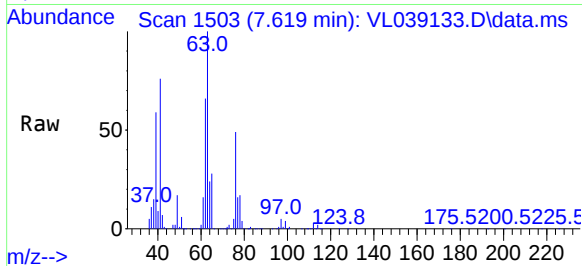
Tgt Ion:130 Resp: 1281945
Ion Ratio Lower Upper
130 100
95 116.6 94.8 142.2
132 98.7 75.8 113.8
97 74.3 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.124 ppbv
RT: 7.619 min Scan# 1503
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

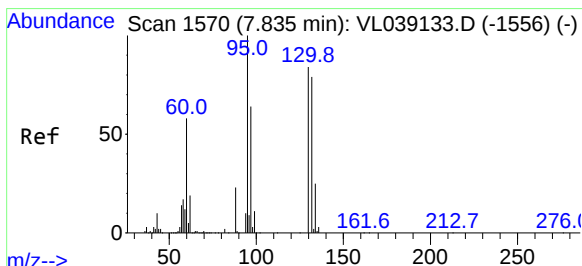
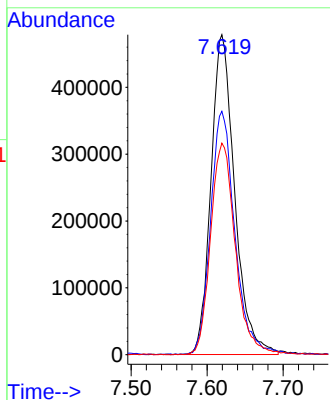
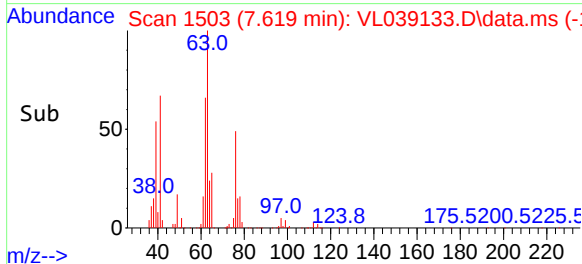
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



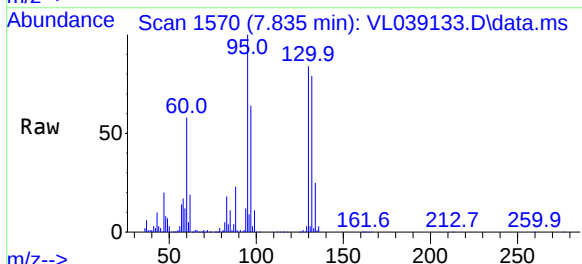
Tgt Ion: 63 Resp: 1035162
Ion Ratio Lower Upper
63 100
41 76.0 55.9 83.9
62 66.1 53.8 80.6

Manual Integrations
APPROVED

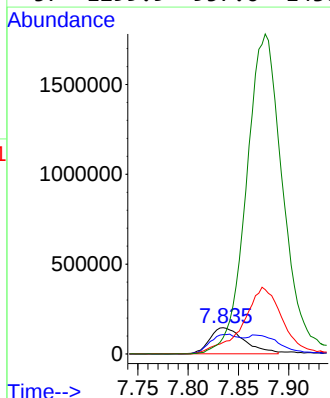
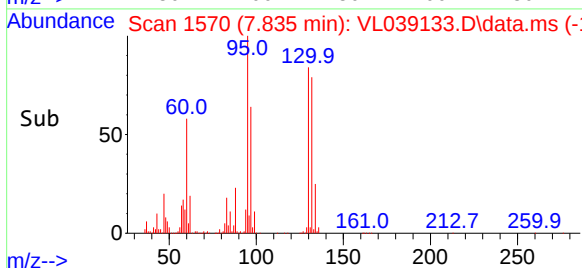
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

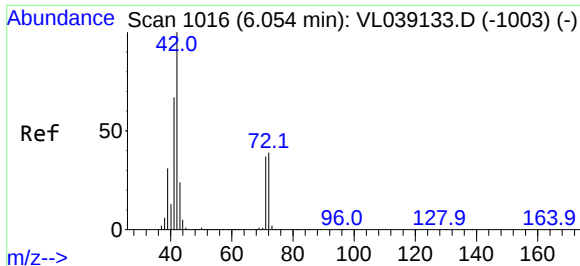


#40
1,4-Dioxane
Concen: 8.548 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



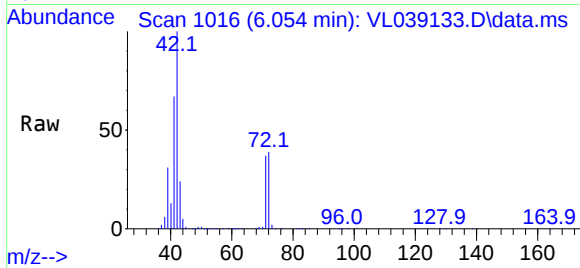
Tgt Ion: 88 Resp: 348354
Ion Ratio Lower Upper
88 100
58 139.0 106.1 159.1
43 292.8 222.9 334.3
57 1299.9 957.6 1436.4





#41
Tetrahydrofuran
Concen: 9.209 ppbv
RT: 6.054 min Scan# 1016
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

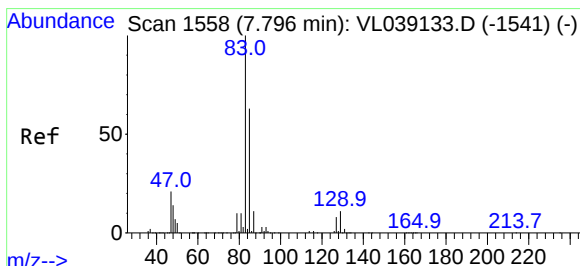
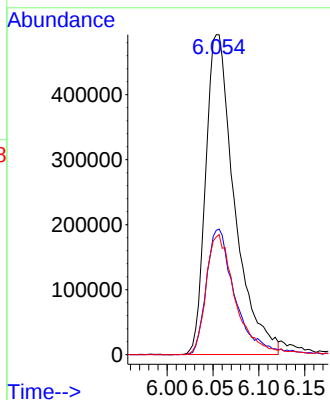
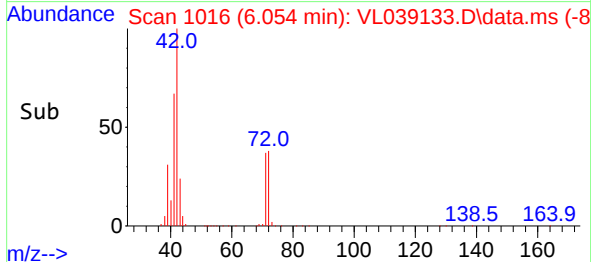
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



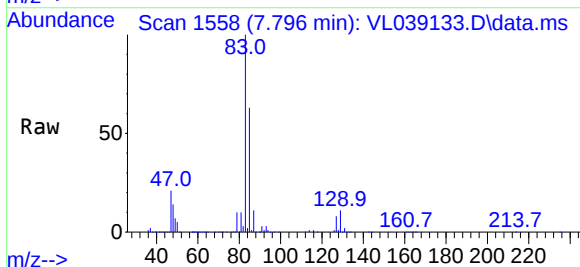
Tgt Ion: 42 Resp: 107588
Ion Ratio Lower Upper
42 100
72 40.0 31.8 47.6
71 38.9 30.6 45.8

Manual Integrations
APPROVED

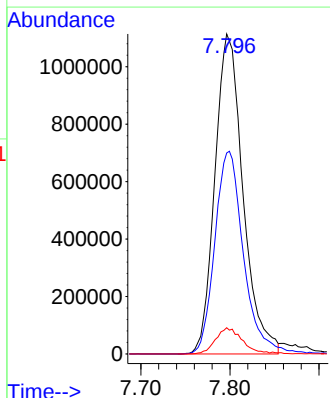
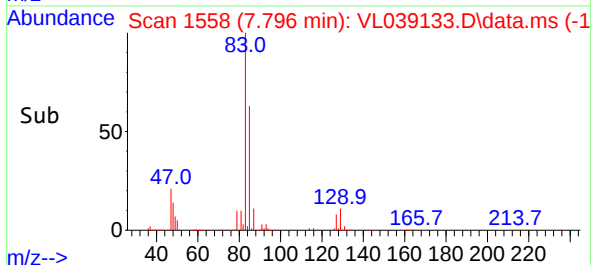
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

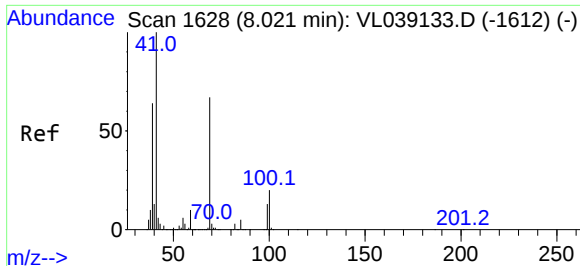


#42
Bromodichloromethane
Concen: 9.890 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



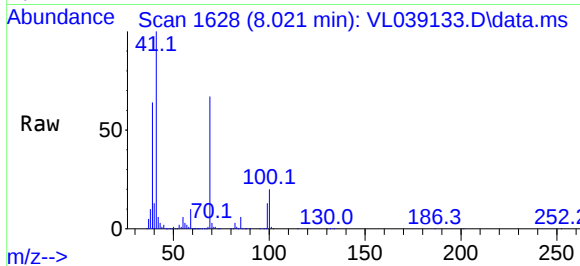
Tgt Ion: 83 Resp: 2439497
Ion Ratio Lower Upper
83 100
85 62.8 52.0 78.0
127 8.2 6.0 9.0





#43
Methyl Methacrylate
Concen: 9.300 ppbv
RT: 8.021 min Scan# 1100902
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

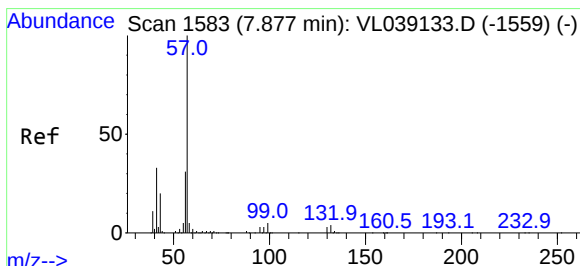
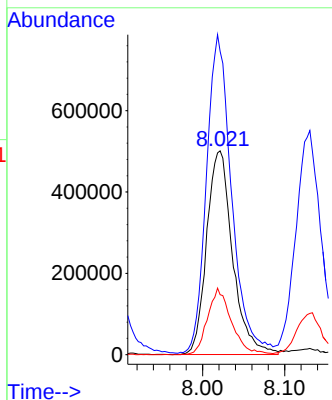
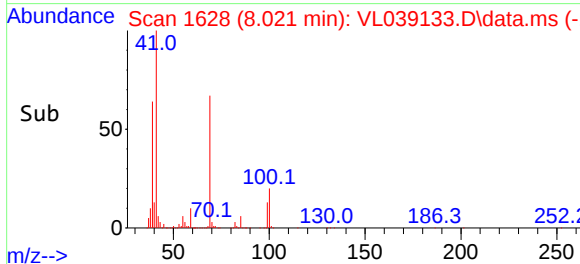
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



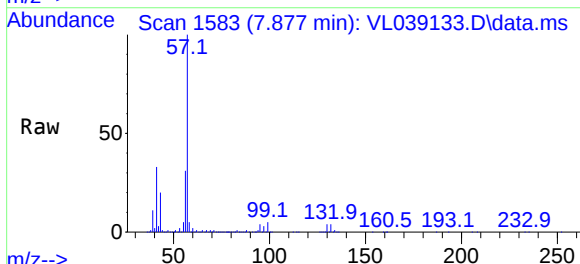
Tgt Ion: 69 Resp: 1100902
Ion Ratio Lower Upper
69 100
41 152.4 121.9 182.9
100 30.1 24.6 36.8

Manual Integrations
APPROVED

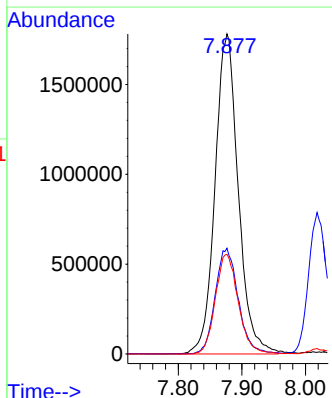
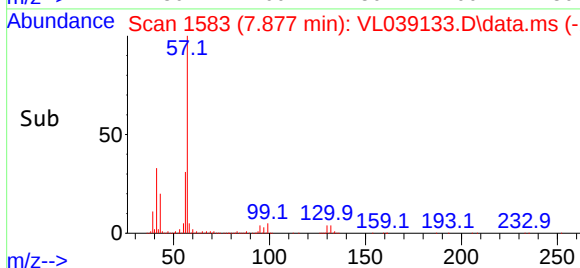
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

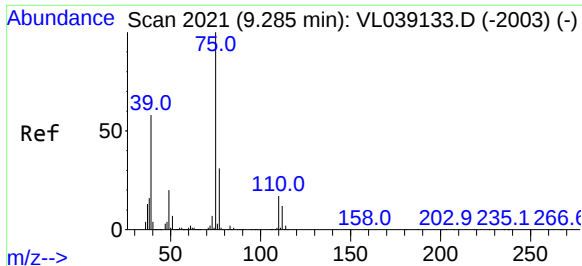


#44
2,2,4-Trimethylpentane
Concen: 8.808 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



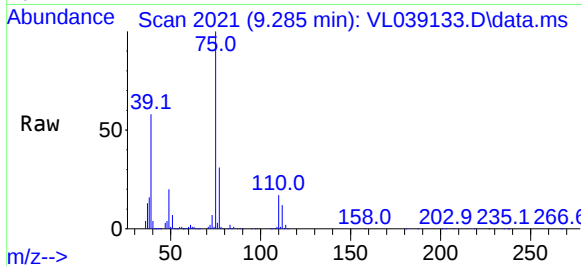
Tgt Ion: 57 Resp: 4506771
Ion Ratio Lower Upper
57 100
41 32.8 26.3 39.5
56 30.9 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 11.407 ppbv
RT: 9.285 min Scan# 2021
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

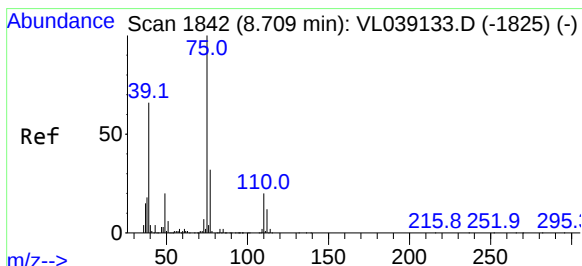
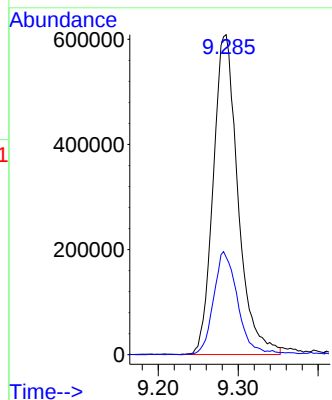
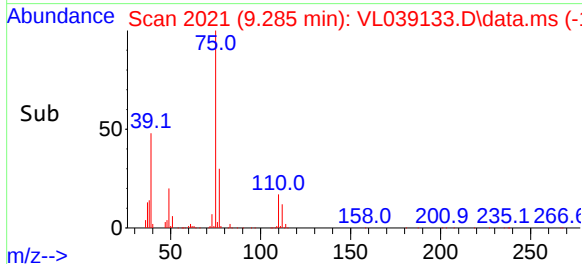
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



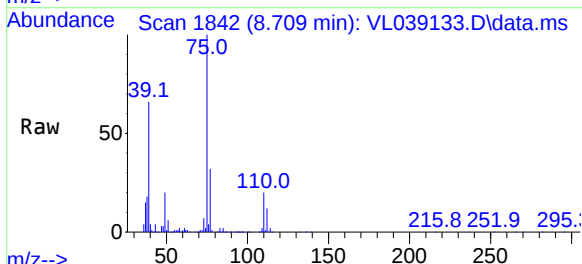
Tgt Ion: 75 Resp: 1307198
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0

Manual Integrations
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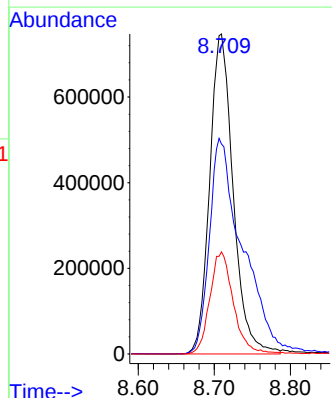
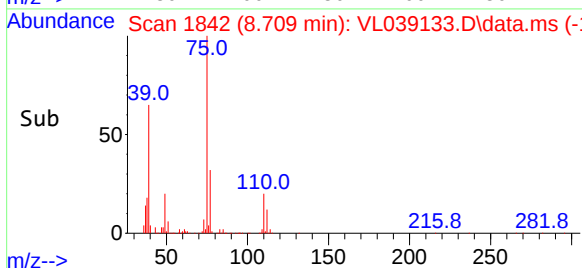
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

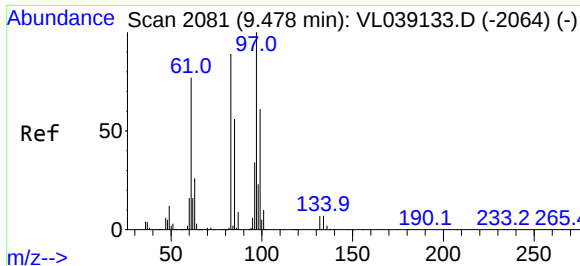


#46
cis-1,3-Dichloropropene
Concen: 10.535 ppbv
RT: 8.709 min Scan# 1842
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



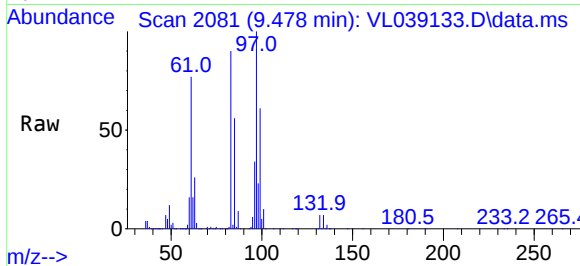
Tgt Ion: 75 Resp: 1600921
Ion Ratio Lower Upper
75 100
39 65.5 55.8 83.6
77 31.9 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 9.349 ppbv
RT: 9.478 min Scan# 2081
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

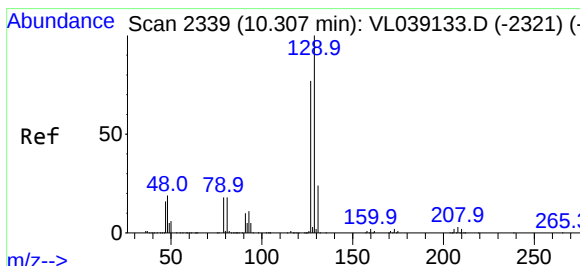
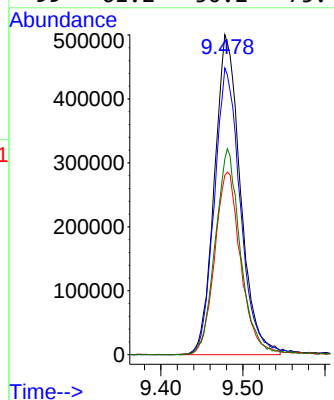
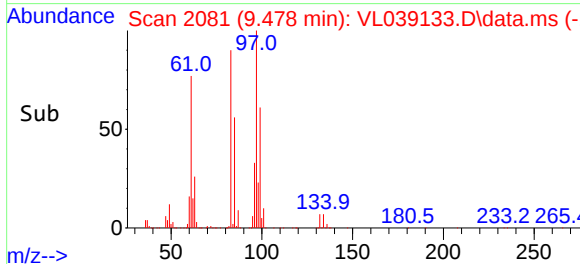
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 1103210
Ion Ratio Lower Upper
97 100
83 89.5 72.0 108.0
85 56.0 45.7 68.5
99 61.2 50.2 75.4

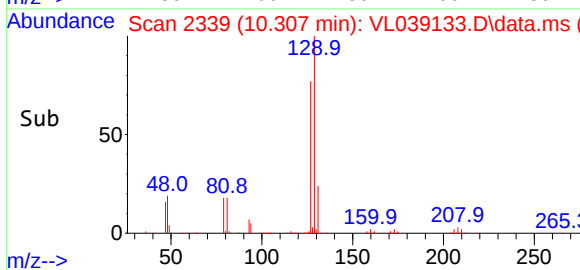
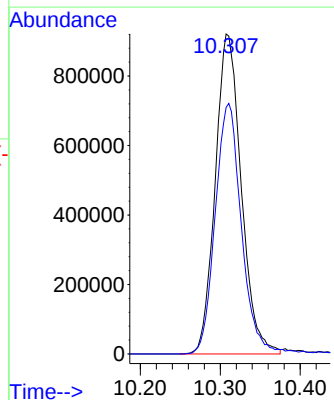
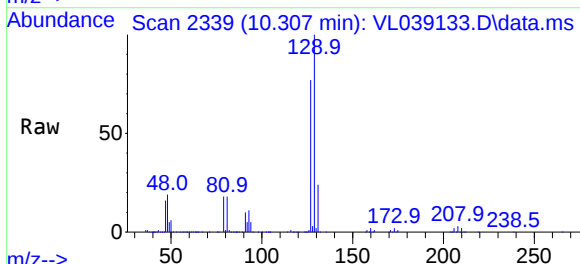
Manual Integrations
APPROVED

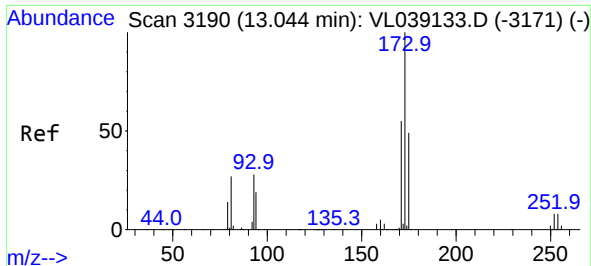
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#48
Dibromochloromethane
Concen: 10.816 ppbv
RT: 10.307 min Scan# 2339
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

Tgt Ion:129 Resp: 2077394
Ion Ratio Lower Upper
129 100
127 79.9 39.3 117.9





#49

Bromoform

Concen: 11.888 ppbv

RT: 13.044 min Scan# 3190

Delta R.T. 0.013 min

Lab File: VL039133.D

Acq: 31 May 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 1741338

Ion Ratio Lower Upper

173 100

175 50.2 41.0 61.6

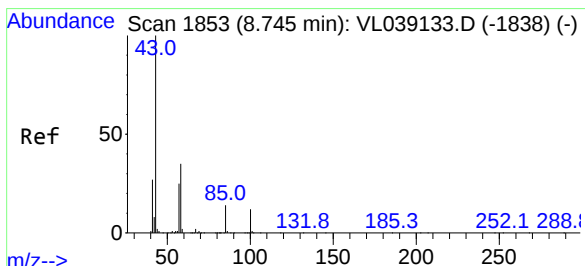
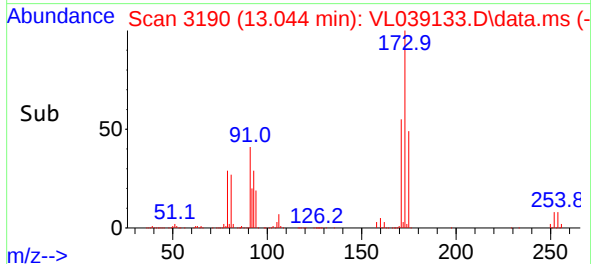
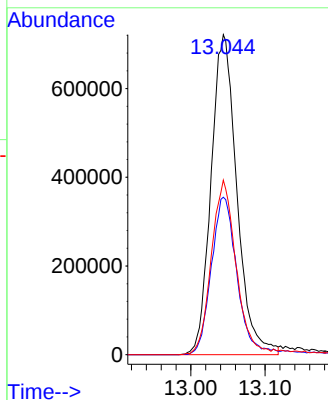
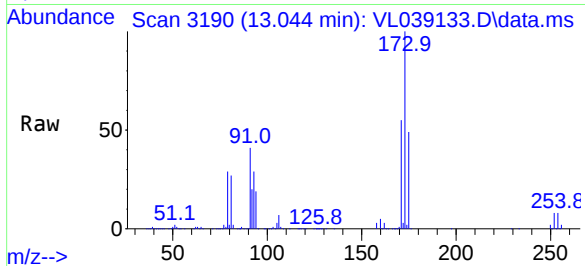
171 54.9 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#50

4-Methyl-2-Pentanone

Concen: 9.117 ppbv

RT: 8.745 min Scan# 1853

Delta R.T. 0.013 min

Lab File: VL039133.D

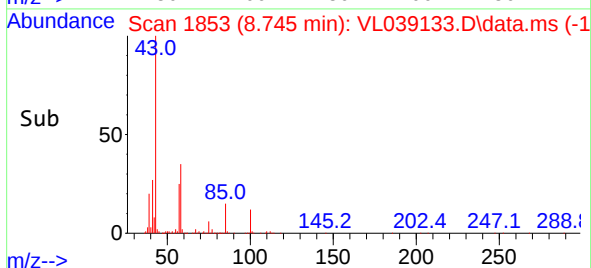
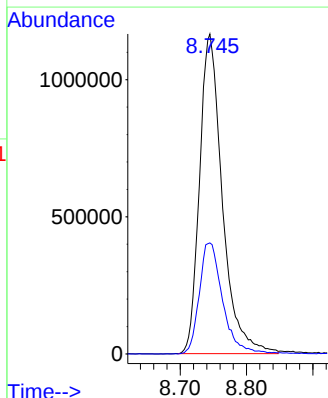
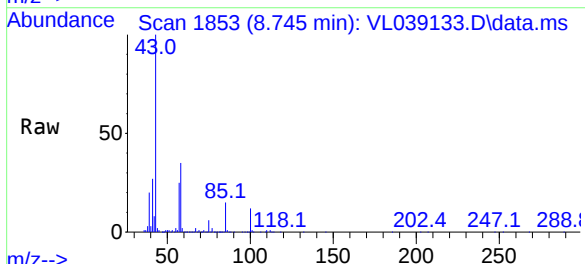
Acq: 31 May 2022 16:13

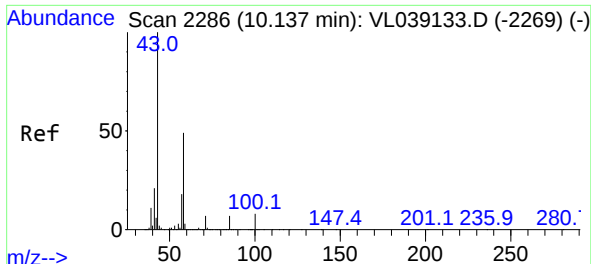
Tgt Ion: 43 Resp: 2779143

Ion Ratio Lower Upper

43 100

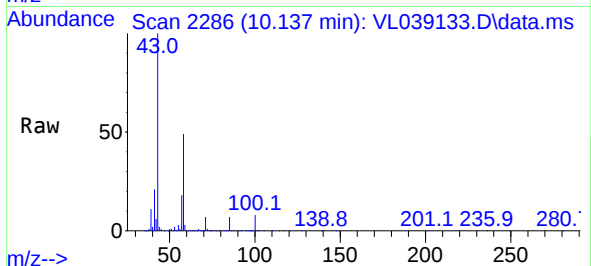
58 35.9 28.4 42.6





#51
2-Hexanone
Concen: 9.680 ppbv
RT: 10.137 min Scan# 215367
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

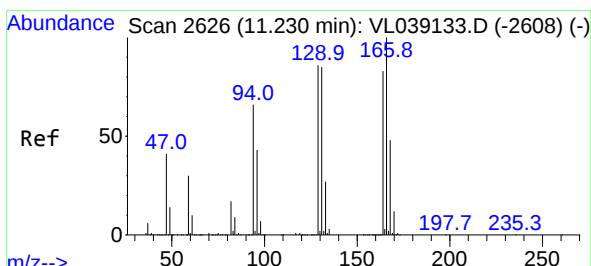
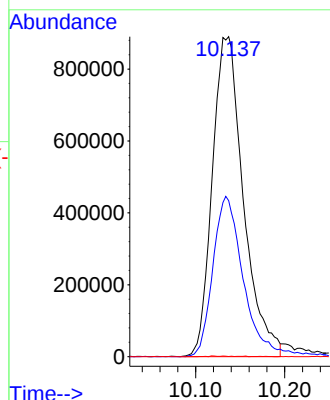
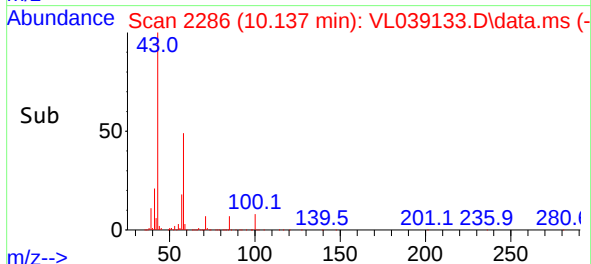
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



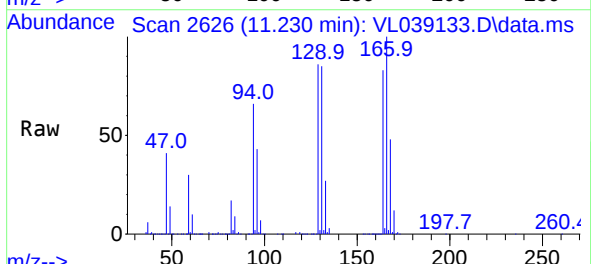
Tgt Ion: 43 Resp: 215367
Ion Ratio Lower Upper
43 100
58 50.0 39.3 58.9
98 0.1 0.2 0.2

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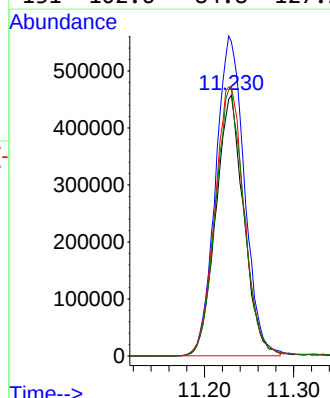
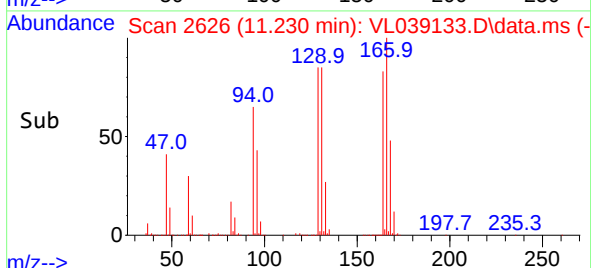
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

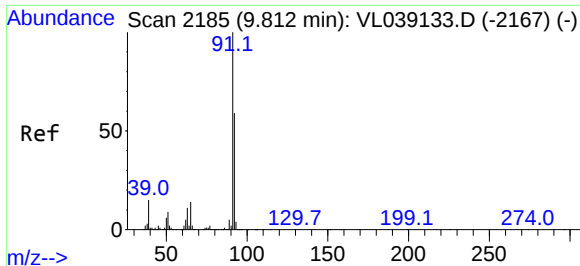


#52
Tetrachloroethene
Concen: 9.564 ppbv
RT: 11.230 min Scan# 2626
Delta R.T. 0.019 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



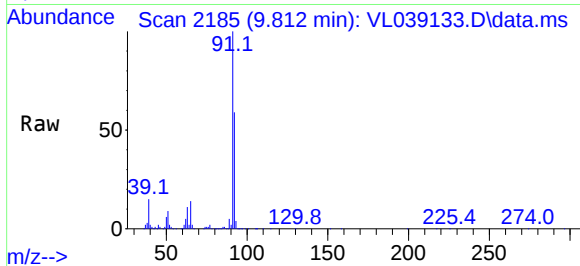
Tgt Ion:164 Resp: 996581
Ion Ratio Lower Upper
164 100
166 120.4 102.5 153.7
129 103.1 90.1 135.1
131 102.6 84.8 127.2





#53
Toluene
Concen: 9.370 ppbv
RT: 9.812 min Scan# 2185
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

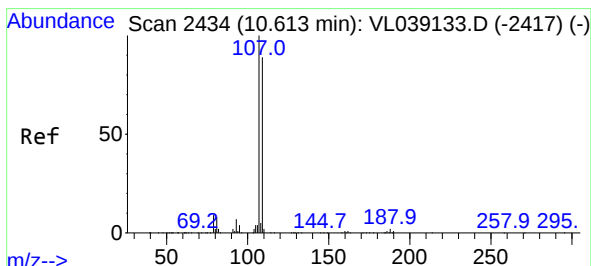
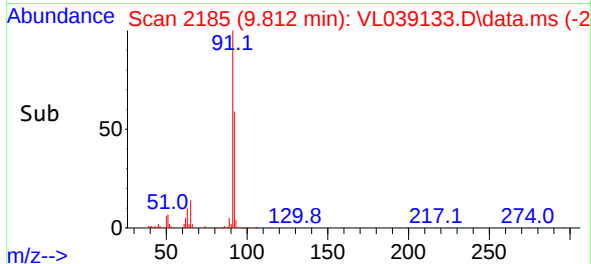
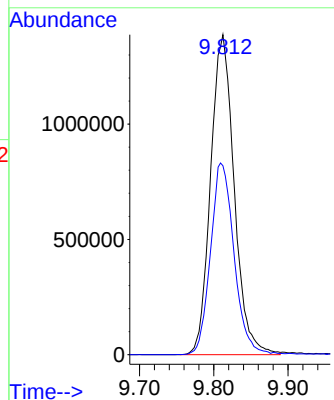
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion: 91 Resp: 306242
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.2

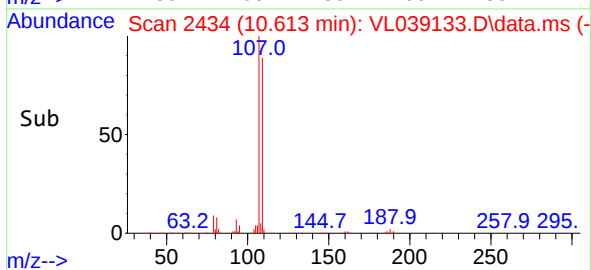
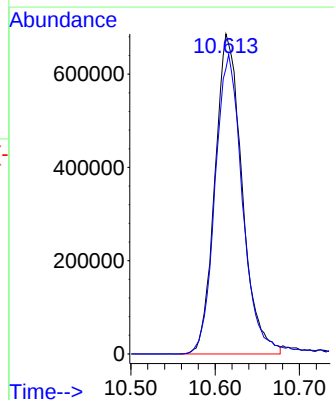
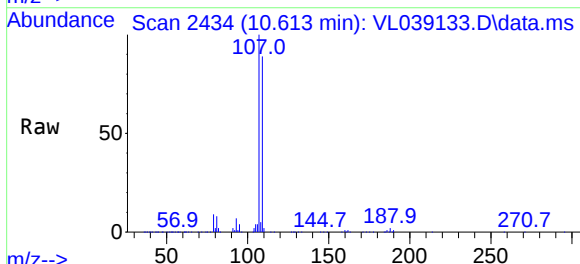
Manual Integrations
APPROVED

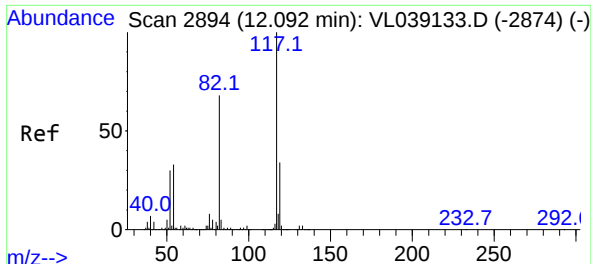
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#54
1,2-Dibromoethane
Concen: 9.554 ppbv
RT: 10.613 min Scan# 2434
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

Tgt Ion:107 Resp: 1534920
Ion Ratio Lower Upper
107 100
109 89.2 73.8 110.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.092 min Scan# 2894

Delta R.T. 0.016 min

Lab File: VL039133.D

Acq: 31 May 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:117 Resp: 327829

Ion Ratio Lower Upper

117 100

82 68.9 57.0 85.6

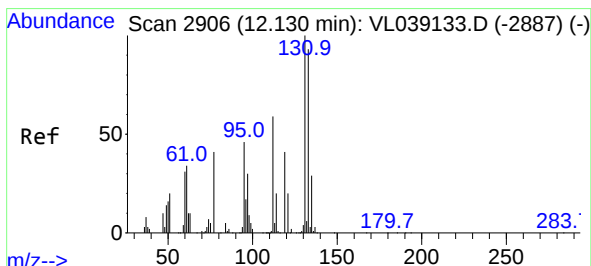
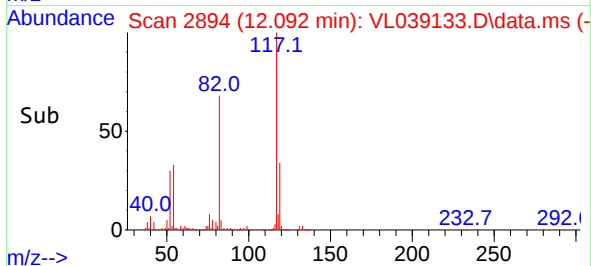
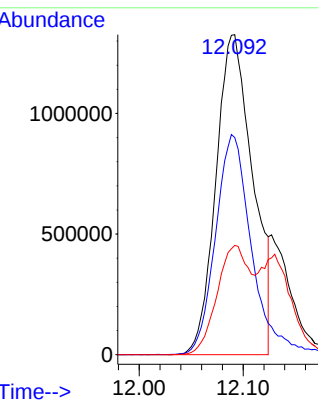
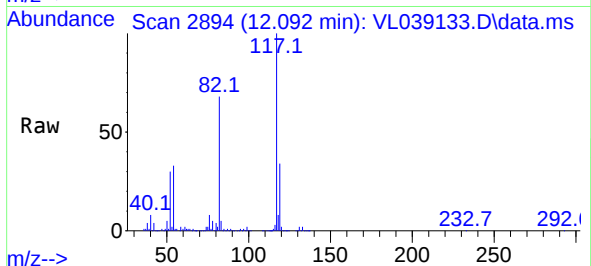
119 30.9 27.2 40.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.789 ppbv

RT: 12.130 min Scan# 2906

Delta R.T. 0.016 min

Lab File: VL039133.D

Acq: 31 May 2022 16:13

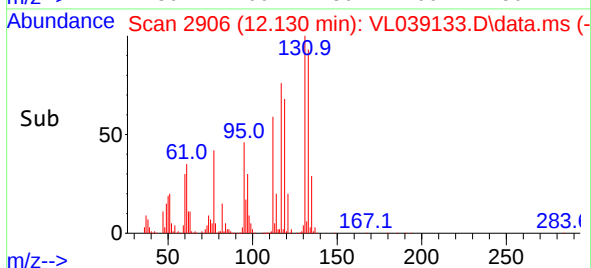
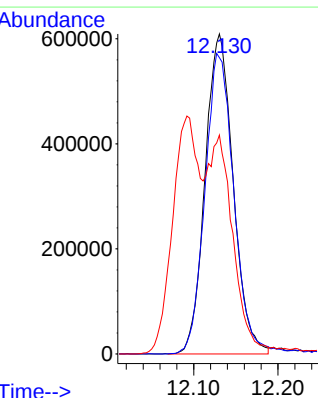
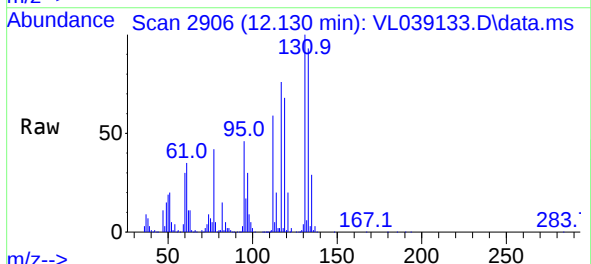
Tgt Ion:131 Resp: 1408089

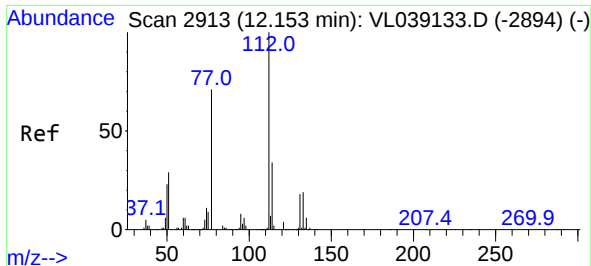
Ion Ratio Lower Upper

131 100

133 98.2 76.9 115.3

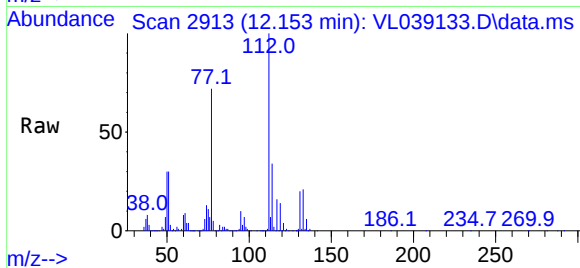
119 64.6 47.4 71.0





#57
Chlorobenzene
Concen: 9.151 ppbv
RT: 12.153 min Scan# 2913
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

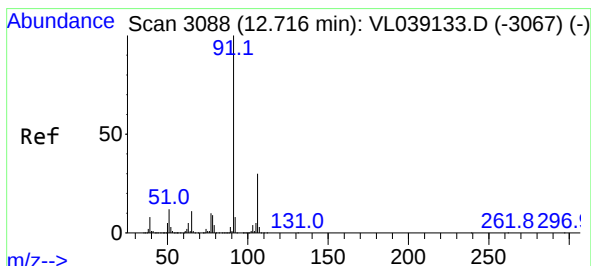
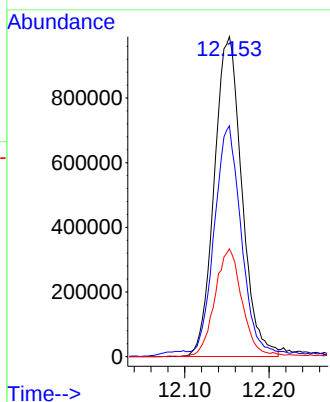
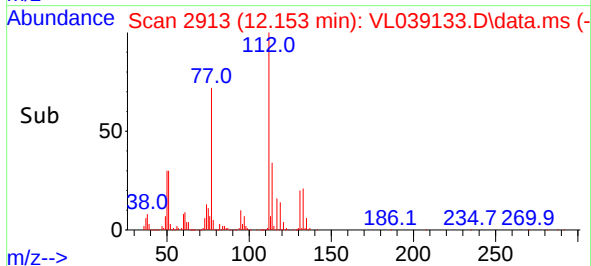
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



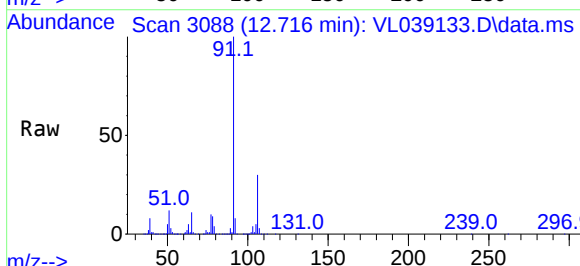
Tgt Ion:112 Resp: 2248776
Ion Ratio Lower Upper
112 100
77 70.6 57.7 86.5
114 33.7 30.1 36.7

Manual Integrations
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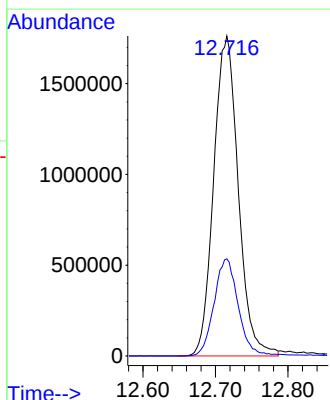
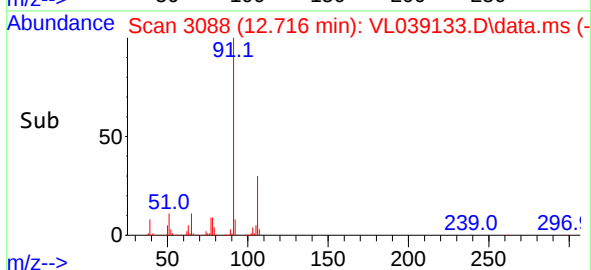
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

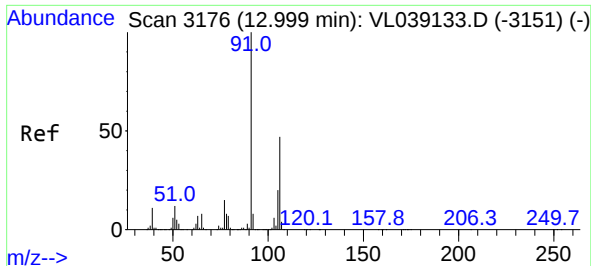


#58
Ethyl Benzene
Concen: 8.798 ppbv
RT: 12.716 min Scan# 3088
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



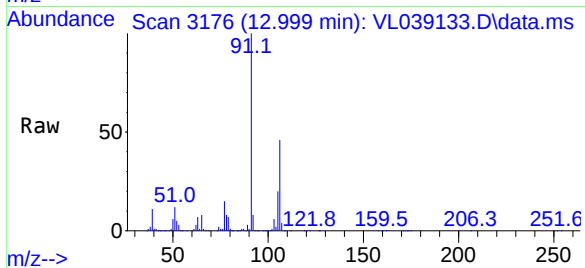
Tgt Ion: 91 Resp: 4150993
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4





#59
m/p-Xylene
Concen: 17.949 ppbv m
RT: 12.999 min Scan# 3176
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

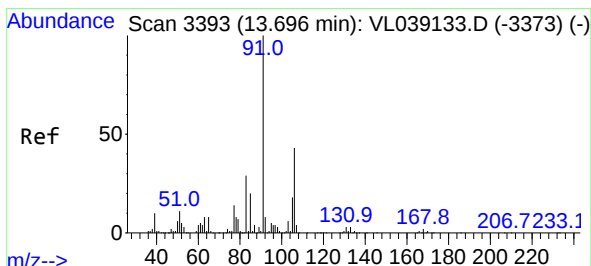
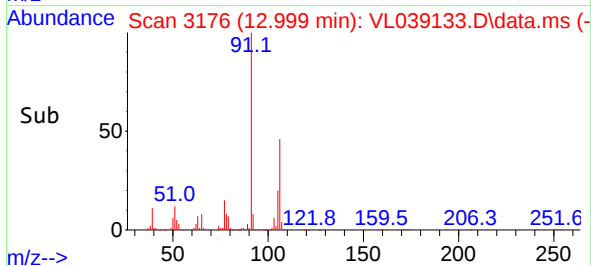
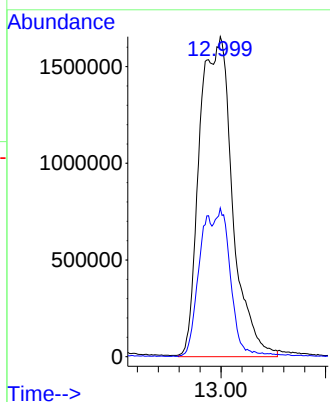
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 91 Resp: 7229340
Ion Ratio Lower Upper
91 100
106 42.9 34.6 52.0

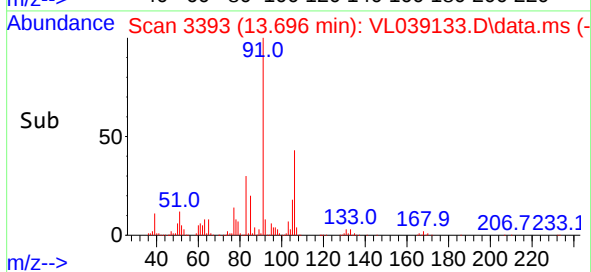
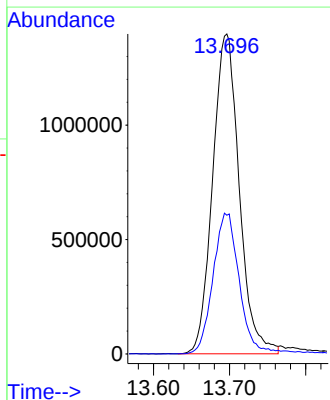
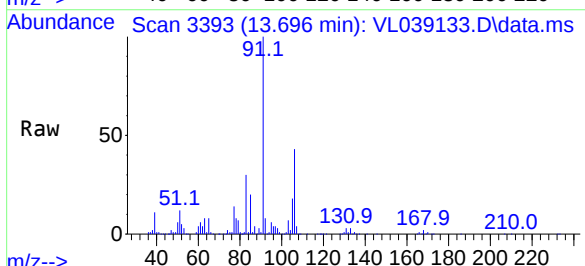
Manual Integrations
APPROVED

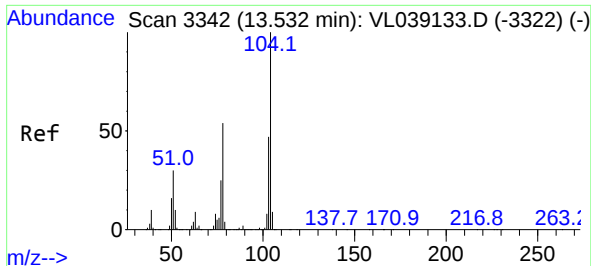
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#60
o-Xylene
Concen: 8.958 ppbv
RT: 13.696 min Scan# 3393
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

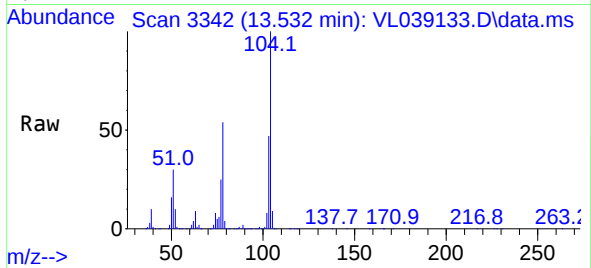
Tgt Ion: 91 Resp: 3395773
Ion Ratio Lower Upper
91 100
106 44.6 22.2 66.6





#61
Styrene
Concen: 9.610 ppbv
RT: 13.532 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

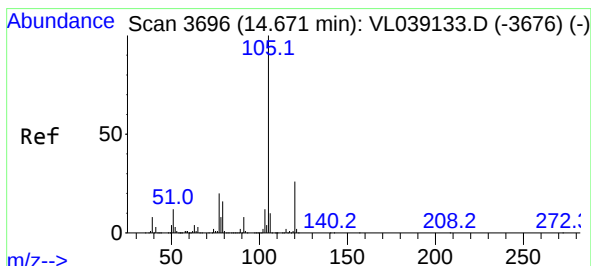
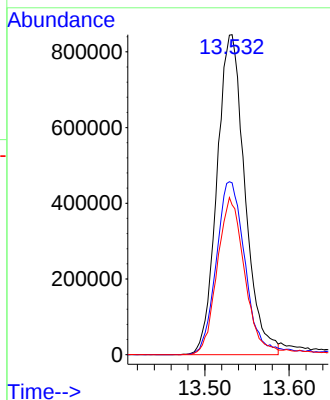
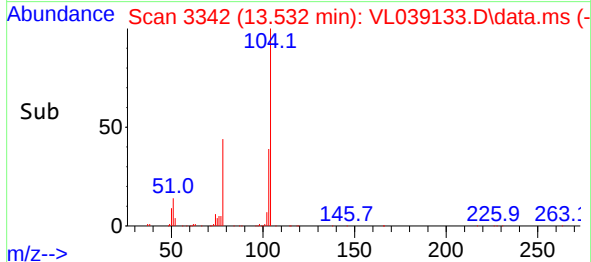
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



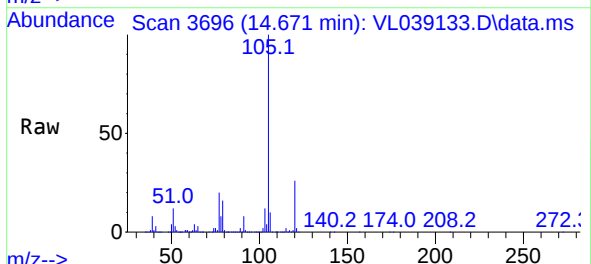
Tgt Ion:104 Resp: 1944880
Ion Ratio Lower Upper
104 100
78 57.1 46.4 69.6
103 49.5 39.3 58.9

Manual Integrations
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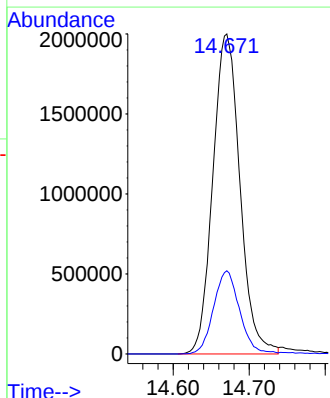
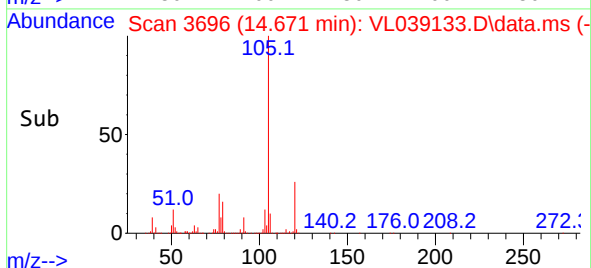
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

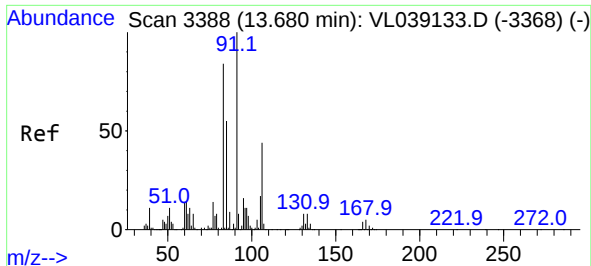


#62
Isopropylbenzene
Concen: 8.926 ppbv
RT: 14.671 min Scan# 3696
Delta R.T. 0.017 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



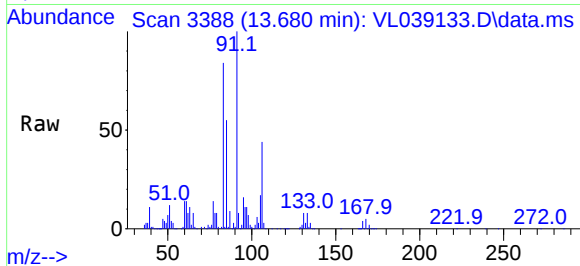
Tgt Ion:105 Resp: 4947878
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 8.185 ppbv
RT: 13.680 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

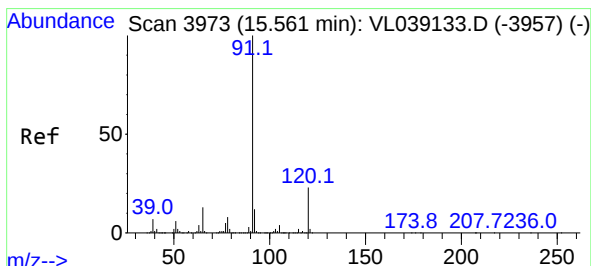
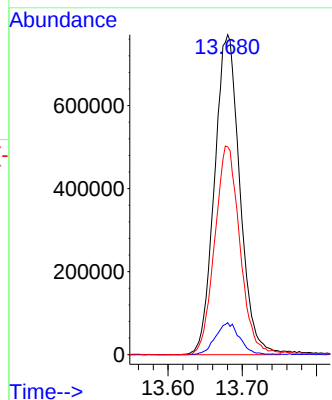
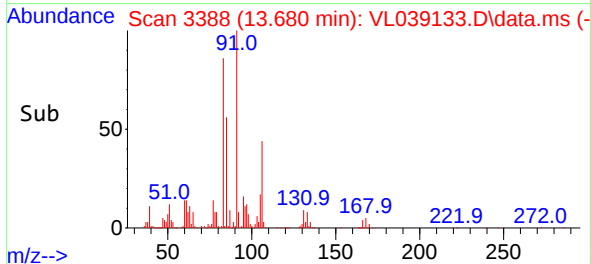
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



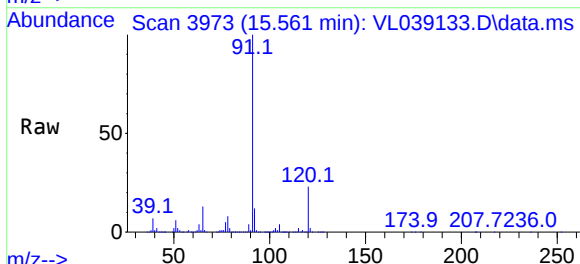
Tgt Ion: 83 Resp: 182701
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 66.0 32.8 98.3

Manual Integrations
APPROVED

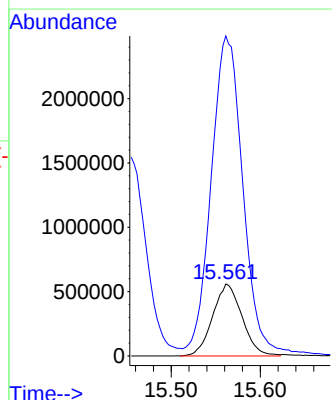
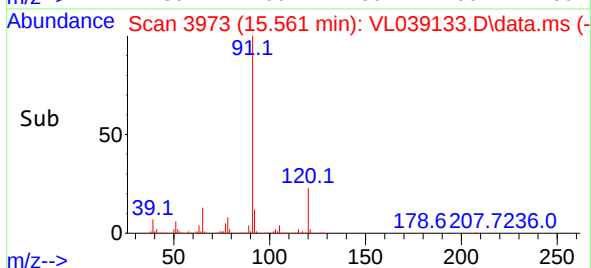
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

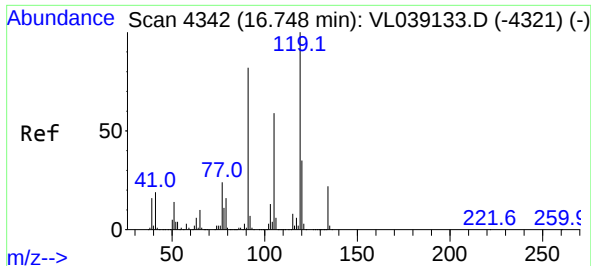


#64
n-propylbenzene
Concen: 9.544 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



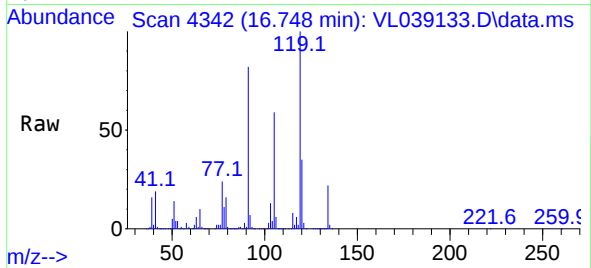
Tgt Ion:120 Resp: 1279175
Ion Ratio Lower Upper
120 100
91 485.5 400.6 601.0





#65
tert-Butylbenzene
Concen: 9.307 ppbv
RT: 16.748 min Scan# 411
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

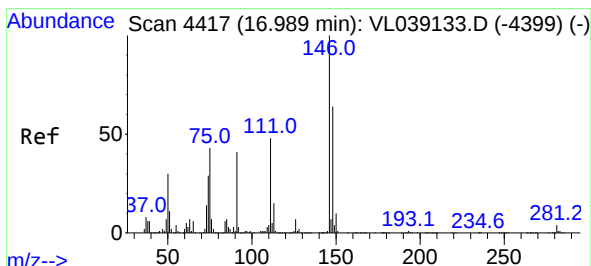
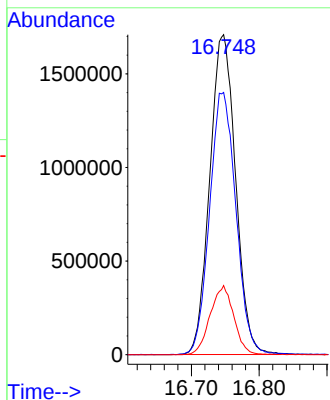
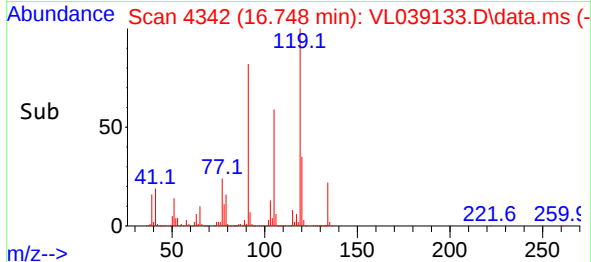
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



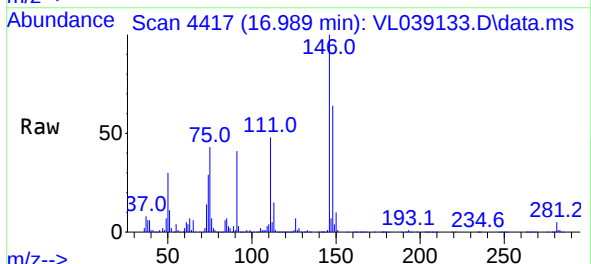
Tgt Ion: 119 Resp: 452081
Ion Ratio Lower Upper
119 100
91 83.9 69.4 104.2
134 19.8 15.8 23.8

Manual Integrations
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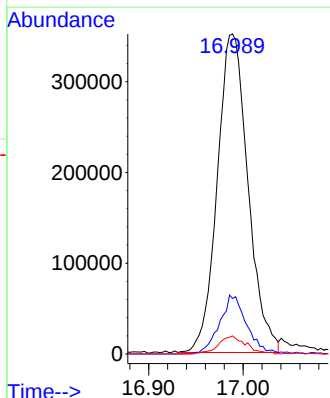
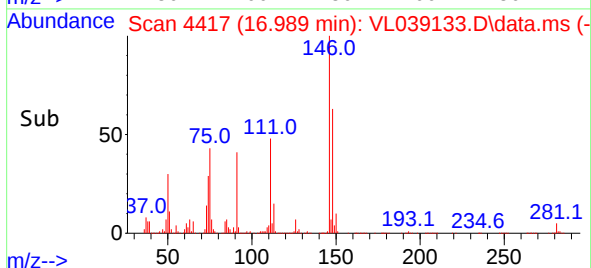
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

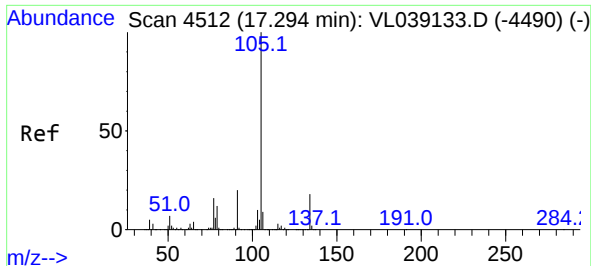


#66
Benzyl Chloride
Concen: 12.477 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



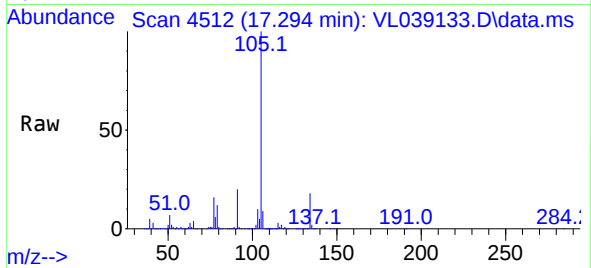
Tgt Ion: 91 Resp: 792149
Ion Ratio Lower Upper
91 100
126 16.7 11.8 17.6
128 5.1 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.045 ppbv
 RT: 17.294 min Scan# 4512
 Delta R.T. 0.016 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13

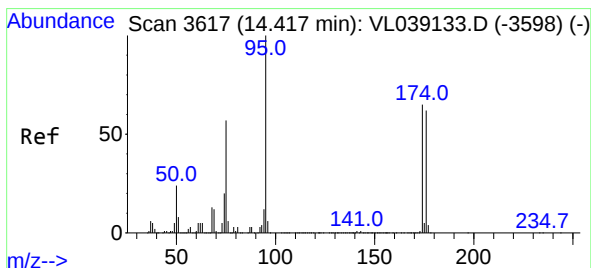
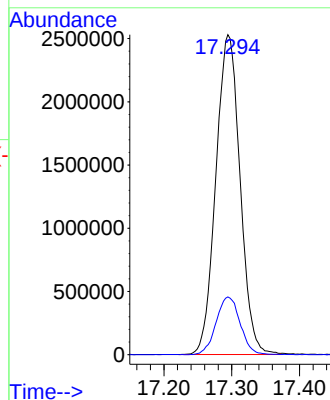
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



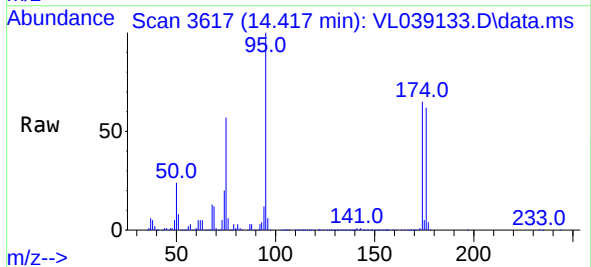
Tgt Ion:105 Resp: 6276430
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.2 21.4

Manual Integrations
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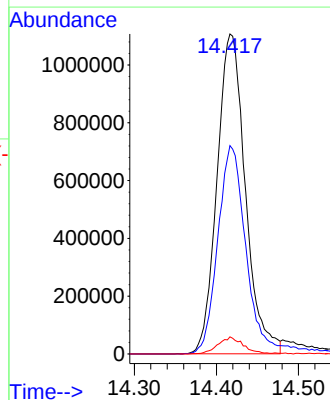
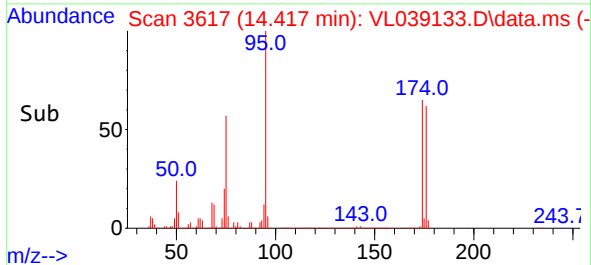
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

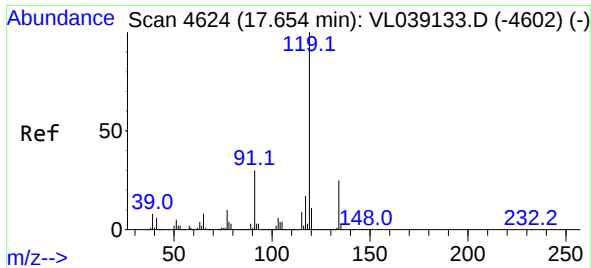


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.236 ppbv
 RT: 14.417 min Scan# 3617
 Delta R.T. 0.013 min
 Lab File: VL039133.D
 Acq: 31 May 2022 16:13



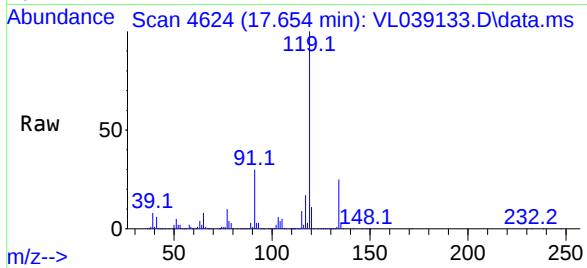
Tgt Ion: 95 Resp: 2657470
 Ion Ratio Lower Upper
 95 100
 174 67.3 50.8 76.2
 175 5.1 3.8 5.6





#69
p-Isopropyltoluene
Concen: 9.369 ppbv
RT: 17.654 min Scan# 4624
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

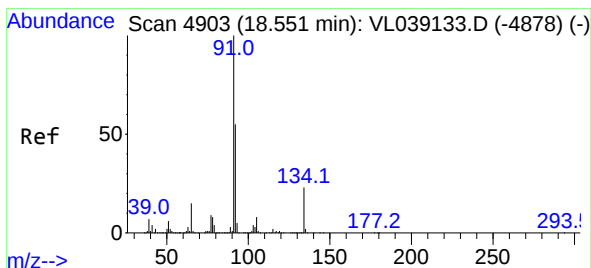
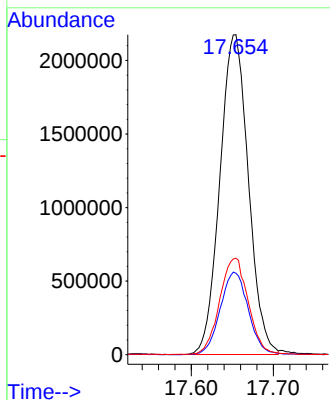
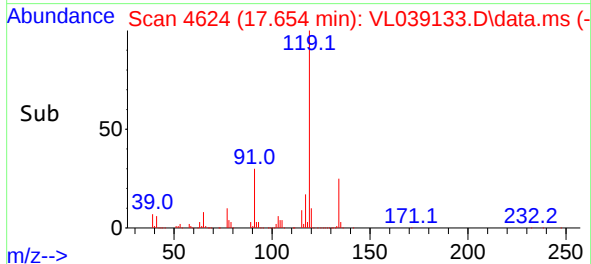
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



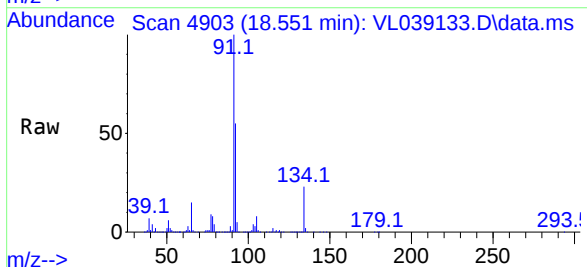
Tgt Ion:119 Resp: 5252378
Ion Ratio Lower Upper
119 100
134 25.5 20.0 30.0
91 30.3 24.8 37.2

Manual Integrations
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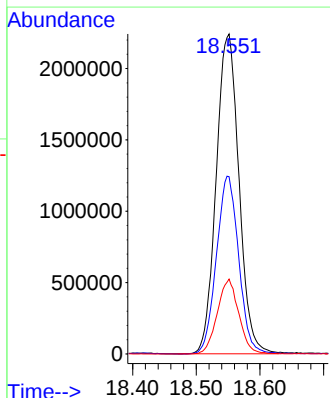
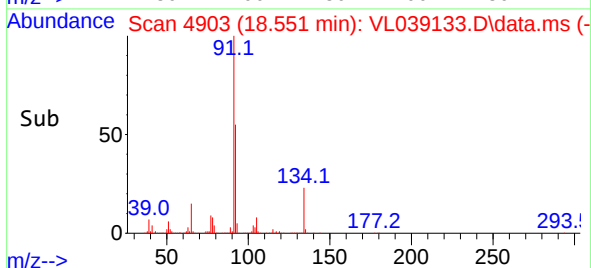
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

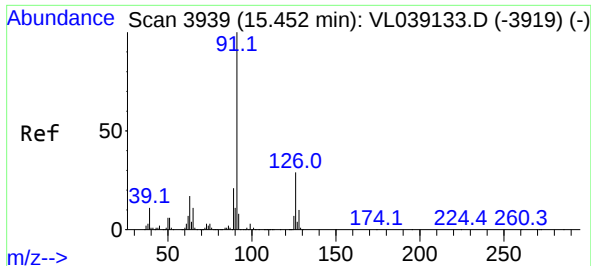


#70
n-Butylbenzene
Concen: 9.363 ppbv
RT: 18.551 min Scan# 4903
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



Tgt Ion: 91 Resp: 5576835
Ion Ratio Lower Upper
91 100
92 54.5 43.1 64.7
134 22.1 17.0 25.4





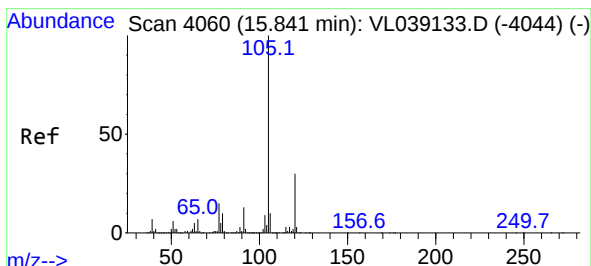
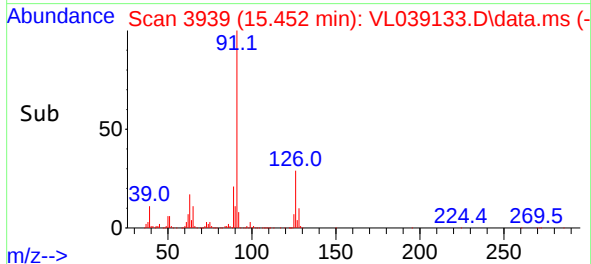
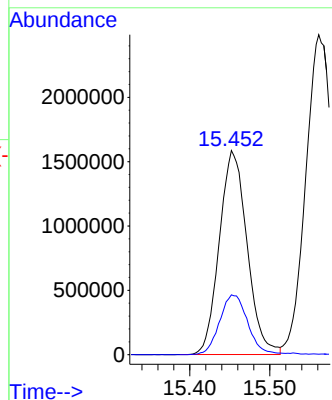
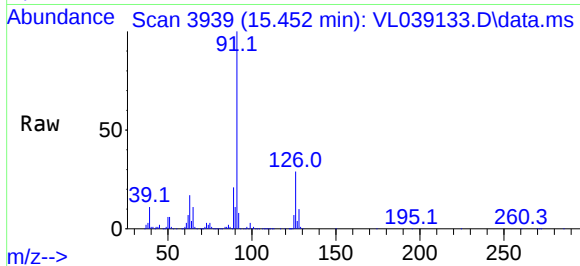
#71
2-Chlorotoluene
Concen: 8.956 ppbv
RT: 15.452 min Scan# 3939
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3827514
Ion Ratio Lower Upper
91 100
126 30.4 11.9 47.5

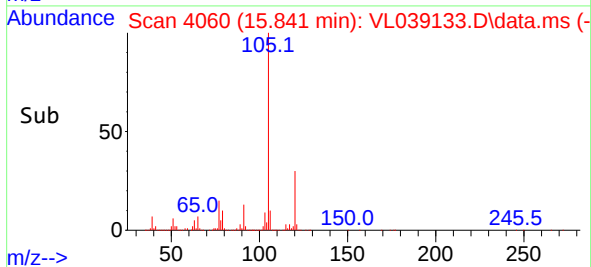
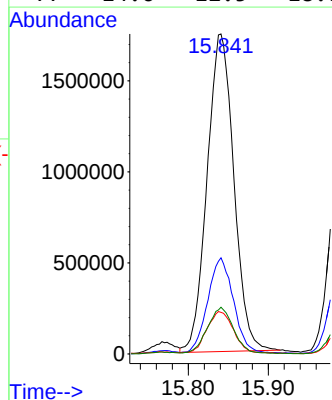
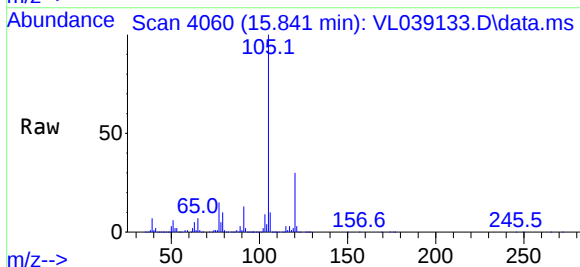
Manual Integrations
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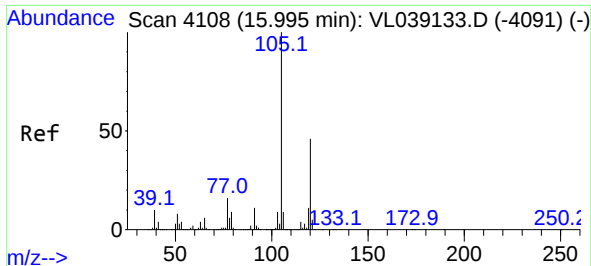
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#72
4-Ethyltoluene
Concen: 9.378 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

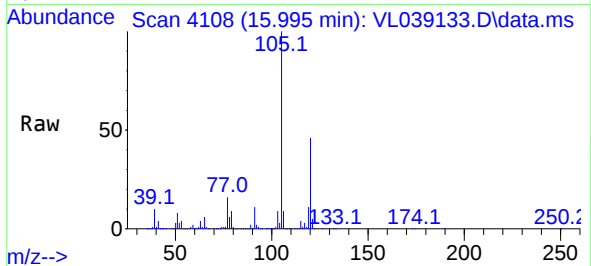
Tgt Ion:105 Resp: 4051007
Ion Ratio Lower Upper
105 100
120 29.9 23.4 35.0
91 13.3 10.6 16.0
77 14.6 12.5 18.7





#73
1,3,5-Trimethylbenzene
Concen: 9.445 ppbv
RT: 15.995 min Scan# 4108
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

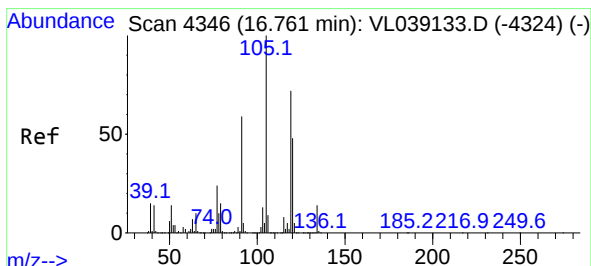
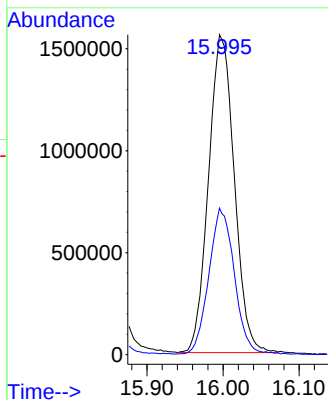
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



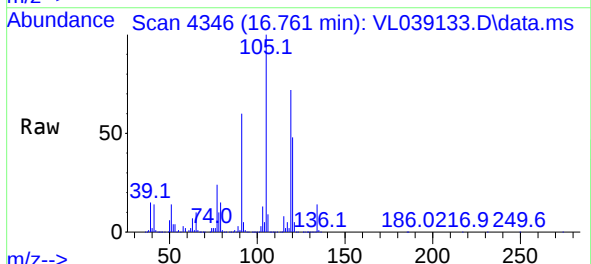
Tgt Ion:105 Resp: 3672964
Ion Ratio Lower Upper
105 100
120 45.9 34.4 51.6

Manual Integrations
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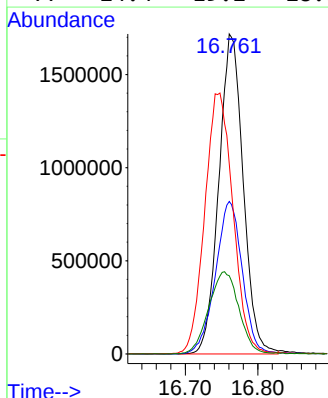
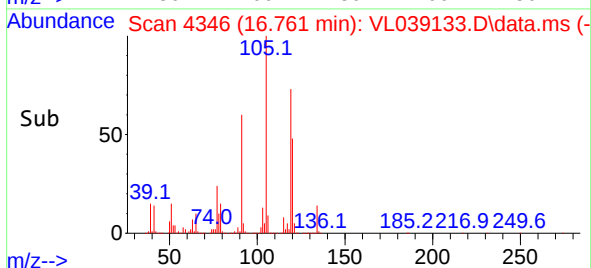
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

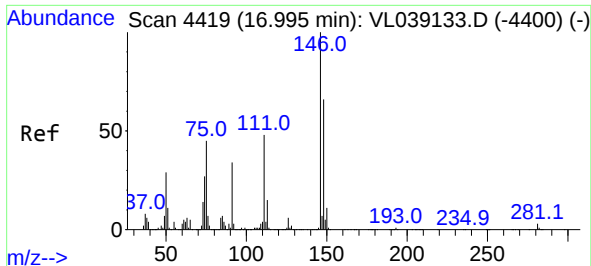


#74
1,2,4-Trimethylbenzene
Concen: 9.397 ppbv
RT: 16.761 min Scan# 4346
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



Tgt Ion:105 Resp: 4001171
Ion Ratio Lower Upper
105 100
120 47.6 36.9 55.3
91 59.2 45.0 67.4
77 24.4 19.2 28.8





#75

1,3-Dichlorobenzene

Concen: 9.917 ppbv

RT: 16.995 min Scan# 4419

Delta R.T. 0.016 min

Lab File: VL039133.D

Acq: 31 May 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 231365

Ion Ratio Lower Upper

146 100

111 47.6 24.1 72.2

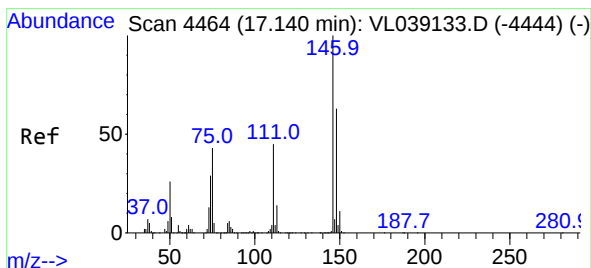
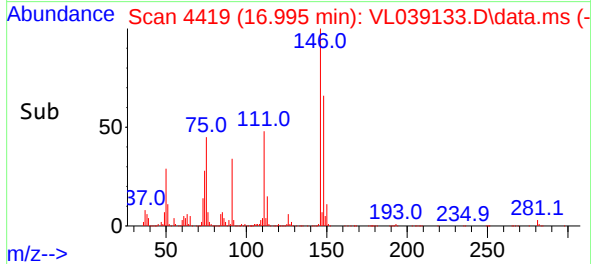
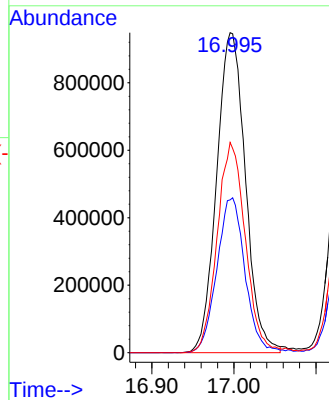
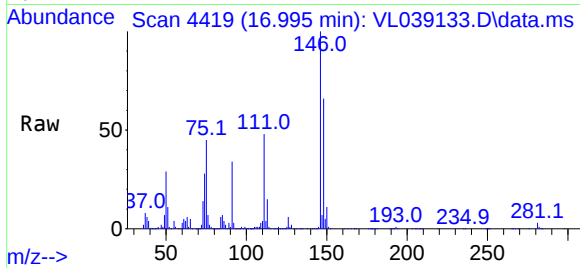
148 64.7 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#76

1,4-Dichlorobenzene

Concen: 9.805 ppbv

RT: 17.140 min Scan# 4464

Delta R.T. 0.019 min

Lab File: VL039133.D

Acq: 31 May 2022 16:13

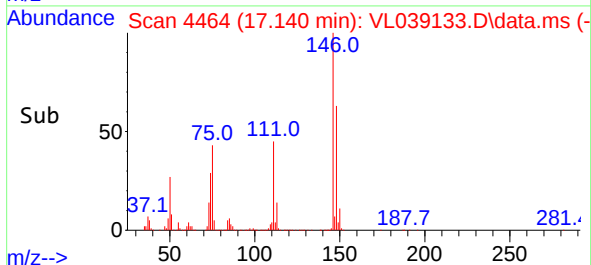
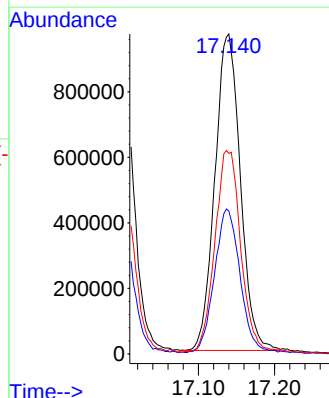
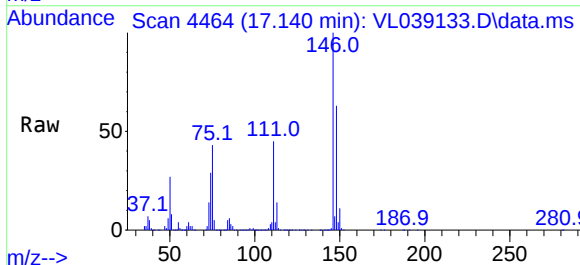
Tgt Ion:146 Resp: 2250380

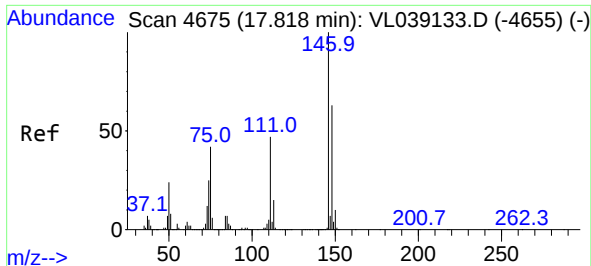
Ion Ratio Lower Upper

146 100

111 47.3 23.6 71.0

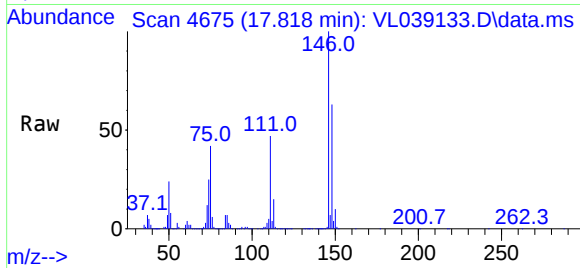
148 67.3 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 9.814 ppbv
RT: 17.818 min Scan# 4675
Delta R.T. 0.019 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

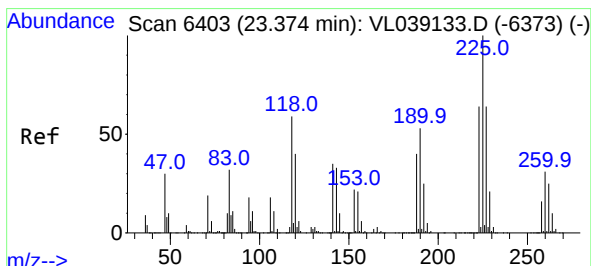
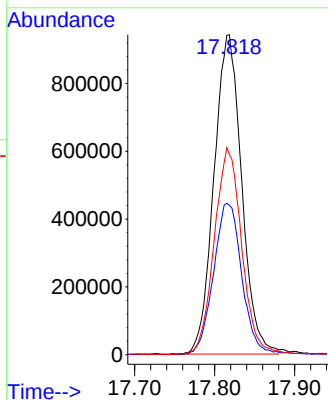
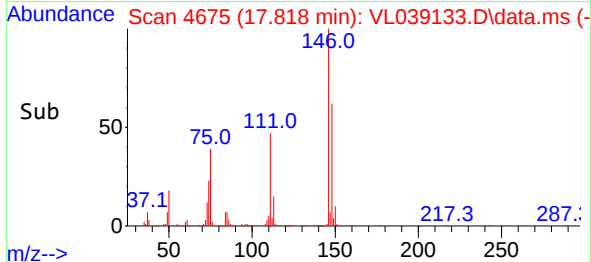
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



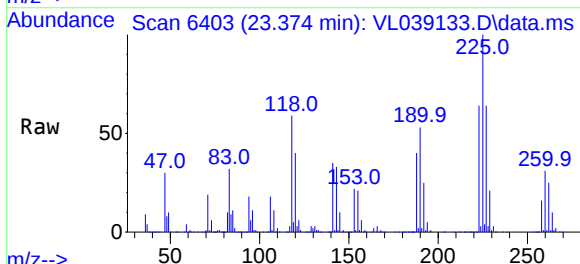
Tgt Ion:146 Resp: 2264350
Ion Ratio Lower Upper
146 100
111 48.9 25.3 75.9
148 64.3 32.3 96.9

Manual Integrations
APPROVED

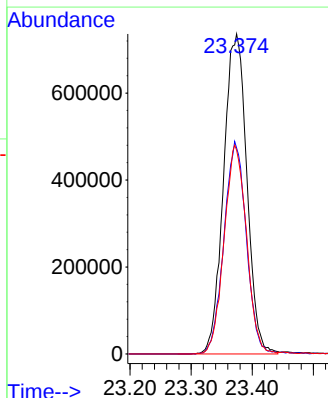
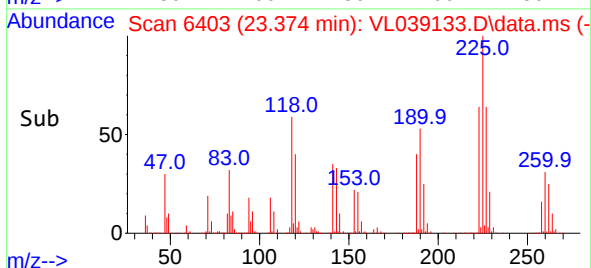
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

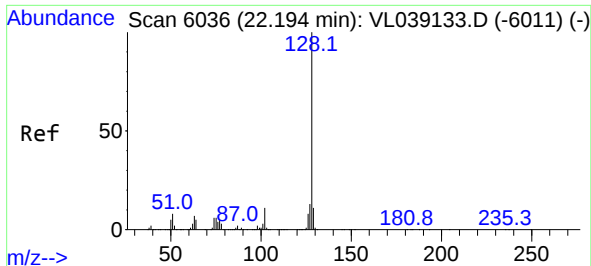


#78
Hexachloro-1,3-Butadiene
Concen: 9.152 ppbv m
RT: 23.374 min Scan# 6403
Delta R.T. 0.019 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



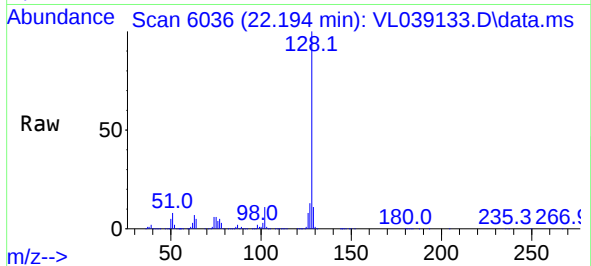
Tgt Ion:225 Resp: 1940793
Ion Ratio Lower Upper
225 100
223 64.2 51.4 77.0
227 63.2 51.4 77.0





#79
Naphthalene
Concen: 10.706 ppbv
RT: 22.194 min Scan# 6036
Delta R.T. 0.023 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

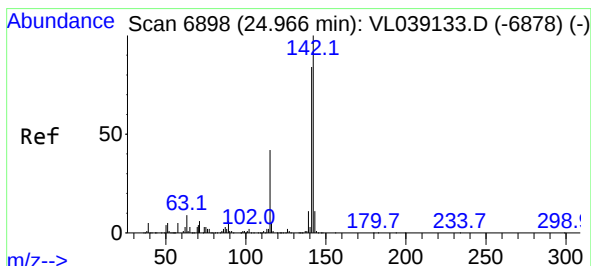
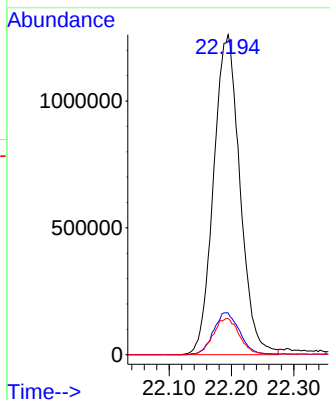
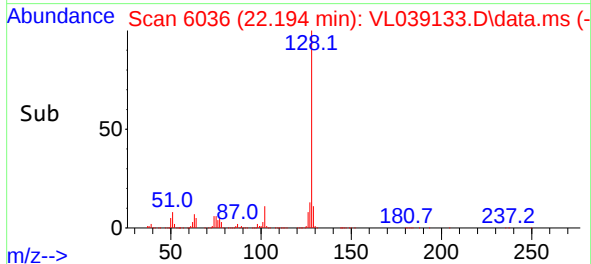
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



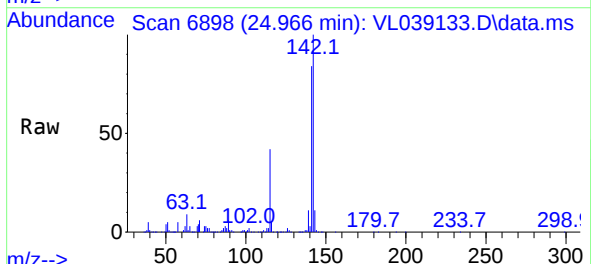
Tgt Ion:128 Resp: 3703078
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.3 8.9 13.3

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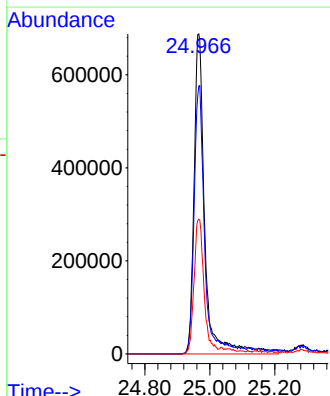
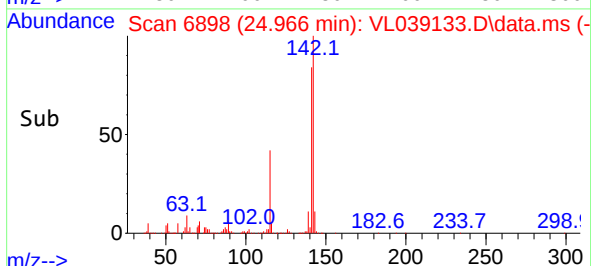
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

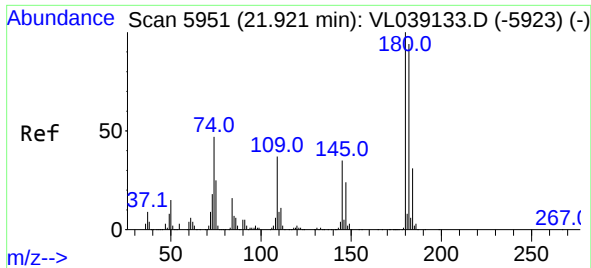


#80
Naphthalene,2-methyl-
Concen: 15.287 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. 0.013 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13



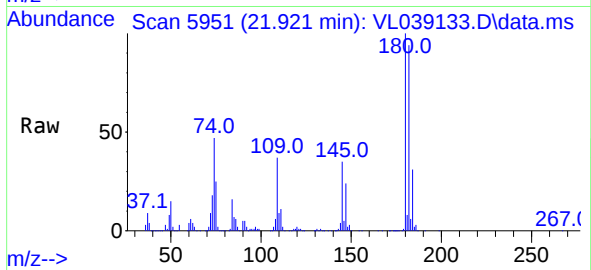
Tgt Ion:142 Resp: 1599475
Ion Ratio Lower Upper
142 100
141 80.7 70.8 106.2
115 40.9 35.1 52.7





#81
1,2,4-Trichlorobenzene
Concen: 10.283 ppbv m
RT: 21.921 min Scan# 5951
Delta R.T. 0.016 min
Lab File: VL039133.D
Acq: 31 May 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 208405
Ion Ratio Lower Upper
180 100
182 0.0 78.4 117.6
184 0.0 24.4 36.6

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Supervised By :Mahesh Dadoda 06/01/2022

