

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
 Data File : VL039135.D
 Acq On : 31 May 2022 17:36
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: May 31 19:53:08 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 31 17:05:54 2022
 QLast Update : Tue May 31 17:05:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.674	49	1358865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3449010	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	3143099	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2554934	10.264	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.060	85	279677	1.314	ppbv	98
3) Chlorodifluoromethane	2.999	51	183964	1.091	ppbv	97
4) Chloromethane	3.150	50	90877	1.076	ppbv	98
5) Vinyl Chloride	3.266	62	92521	1.200	ppbv	92
6) Bromomethane	3.488	94	39572	1.086	ppbv	84
7) Chloroethane	3.571	64	31496	1.220	ppbv	91
8) Dichlorotetrafluoroethane	3.198	85	236263	1.224	ppbv	97
9) Propene	3.018	41	84381	1.146	ppbv	99
10) Heptane	8.131	43	187367	1.037	ppbv	99
11) Trichlorofluoromethane	3.960	101	227418	1.245	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.497	101	150560	1.196	ppbv	96
13) Ethanol	3.623	45	4039m	0.775	ppbv	
14) Bromoethene	3.745	108	65309	1.259	ppbv #	95
15) Acetone	3.861	43	151832m	1.185	ppbv	
16) 1,3-Butadiene	3.337	39	82582m	1.121	ppbv	
17) tert-Butyl alcohol	4.301	59	123458m	1.253	ppbv	
18) 1,1-Dichloroethene	4.301	96	71420m	1.319	ppbv	
19) Isopropyl Alcohol	3.980	45	67140	1.102	ppbv #	92
20) Methylene Chloride	4.349	84	67130	1.390	ppbv	93
21) Allyl Chloride	4.420	41	91332	1.046	ppbv	93
22) trans-1,2-Dichloroethene	4.890	96	62073m	1.061	ppbv	
23) Vinyl Acetate	5.083	43	116763	1.151	ppbv #	96
24) 1,1-Dichloroethane	5.015	63	166343	1.424	ppbv	97
25) Ethyl Acetate	5.690	43	324773	1.059	ppbv #	96
26) Hexane	5.694	57	144459	1.060	ppbv	91
27) Carbon Disulfide	4.562	76	139380	1.076	ppbv	97
28) Methyl tert-Butyl Ether	5.054	73	162796m	1.570	ppbv	
29) Chloroform	5.761	83	250389	1.135	ppbv	98
30) Cyclohexane	7.140	84	122101	1.070	ppbv #	65
31) cis-1,2-Dichloroethene	5.552	61	148854	1.072	ppbv	95
32) 1,1,1-Trichloroethane	6.513	97	249751	1.133	ppbv	99
34) 2-Butanone	5.259	43	191486	1.088	ppbv	96
35) Carbon Tetrachloride	7.025	117	259615	1.142	ppbv	90
36) Benzene	6.893	78	296245	1.004	ppbv	97
37) 1,2-Dichloroethane	6.308	62	196700m	1.077	ppbv	
38) Trichloroethene	7.838	130	134793	1.027	ppbv	98
39) 1,2-Dichloropropane	7.613	63	117769	1.025	ppbv	94
40) 1,4-Dioxane	7.857	88	39468m	0.957	ppbv	
41) Tetrahydrofuran	6.070	42	118282m	1.000	ppbv	
42) Bromodichloromethane	7.800	83	256860	1.029	ppbv	97
43) Methyl Methacrylate	8.025	69	105881	0.884	ppbv	89
44) 2,2,4-Trimethylpentane	7.877	57	531657	1.027	ppbv	100
45) t-1,3-Dichloropropene	9.285	75	100144	0.863	ppbv	98

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Manual Integrations
 APPROVED

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

Quant Time: May 31 19:53:08 2022

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

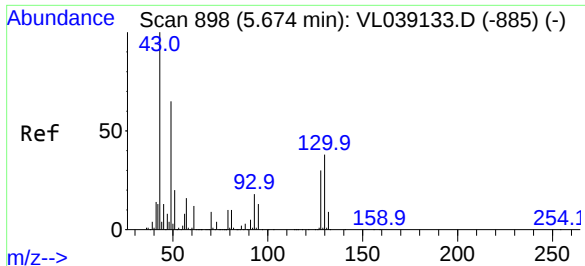
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 31 2022

QLast Update : Tue May 31 17:05:54 2022

Response via : Initial Calibration

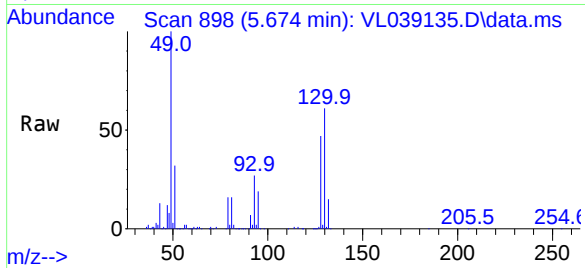
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	143325	0.932	ppbv	96
47) 1,1,2-Trichloroethane	9.481	97	124260	1.040	ppbv	93
48) Dibromochloromethane	10.311	129	208232	1.071	ppbv	96
49) Bromoform	13.040	173	167325	1.129	ppbv	99
50) 4-Methyl-2-Pentanone	8.754	43	288803	0.936	ppbv	96
51) 2-Hexanone	10.147	43	214589	0.953	ppbv #	100
52) Tetrachloroethene	11.233	164	114031m	1.081	ppbv	
53) Toluene	9.809	91	336294	1.017	ppbv	99
54) 1,2-Dibromoethane	10.616	107	164615m	1.012	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.124	131	157442	1.142	ppbv #	1
57) Chlorobenzene	12.153	112	264542m	1.123	ppbv	
58) Ethyl Benzene	12.713	91	467161	1.033	ppbv	98
59) m/p-Xylene	12.995	91	825390m	2.137	ppbv	
60) o-Xylene	13.693	91	381004	1.048	ppbv	100
61) Styrene	13.532	104	198443	1.023	ppbv	98
62) Isopropylbenzene	14.671	105	575915	1.084	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.680	83	194267	0.908	ppbv	93
64) n-propylbenzene	15.561	120	134424	1.046	ppbv	79
65) tert-Butylbenzene	16.744	119	524004	1.125	ppbv	98
66) Benzyl Chloride	16.989	91	50886m	0.836	ppbv	
67) sec-Butylbenzene	17.294	105	724478	1.089	ppbv	99
69) p-Isopropyltoluene	17.651	119	599554	1.115	ppbv	98
70) n-Butylbenzene	18.552	91	614514	1.076	ppbv	98
71) 2-Chlorotoluene	15.452	91	436589	1.066	ppbv	98
72) 4-Ethyltoluene	15.841	105	437250	1.056	ppbv	98
73) 1,3,5-Trimethylbenzene	15.995	105	397708	1.067	ppbv	92
74) 1,2,4-Trimethylbenzene	16.761	105	449233	1.100	ppbv	95
75) 1,3-Dichlorobenzene	16.999	146	254377m	1.137	ppbv	
76) 1,4-Dichlorobenzene	17.143	146	258175m	1.173	ppbv	
77) 1,2-Dichlorobenzene	17.822	146	261797m	1.183	ppbv	
78) Hexachloro-1,3-Butadiene	23.371	225	246247	1.211	ppbv	98
79) Naphthalene	22.194	128	343393	1.036	ppbv	98
80) Naphthalene,2-methyl-	24.969	142	101588m	1.013	ppbv	
81) 1,2,4-Trichlorobenzene	21.931	180	207119	1.066	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.000 min
Lab File: VL039135.D
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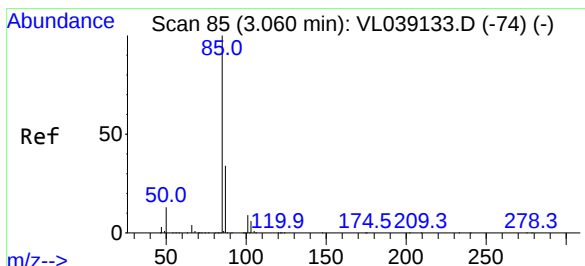
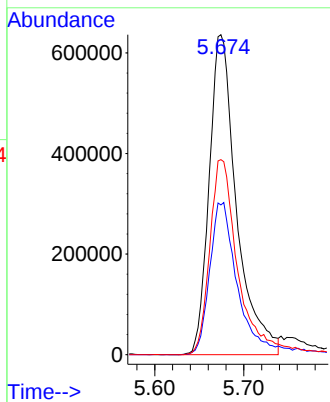
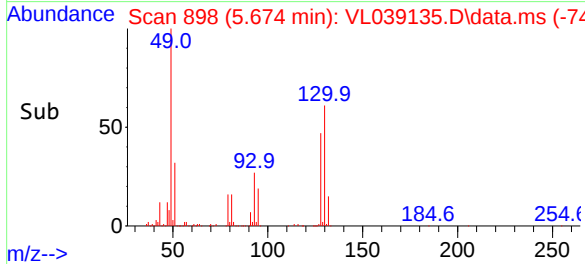
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



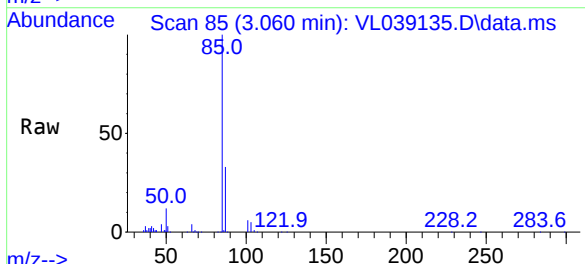
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Ion Ratio Lower Upper
49 100
128 51.0 24.7 74.1
130 64.5 31.4 94.0

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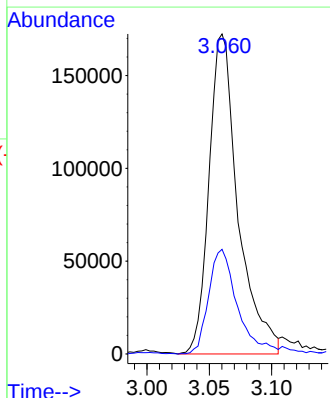
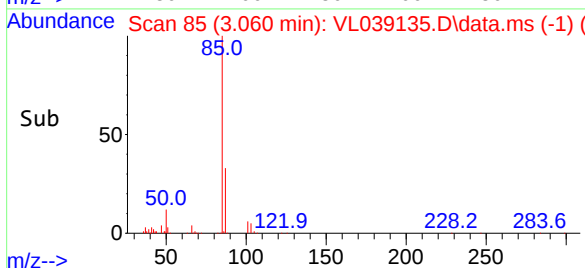
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

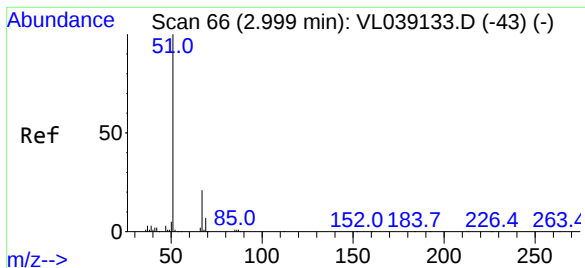


#2
Dichlorodifluoromethane
Concen: 1.314 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



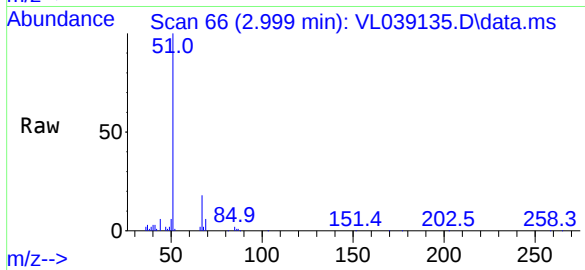
Tgt Ion: 85 Resp: 279677
Ion Ratio Lower Upper
85 100
87 32.7 26.9 40.3





#3
Chlorodifluoromethane
Concen: 1.091 ppbv
RT: 2.999 min Scan# 66
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

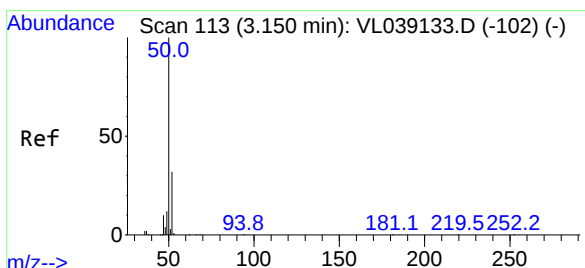
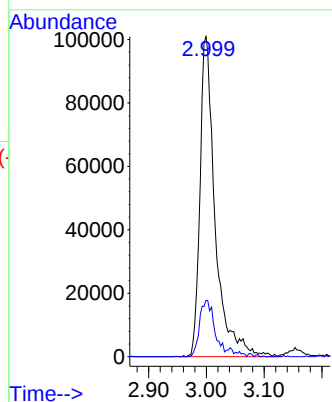
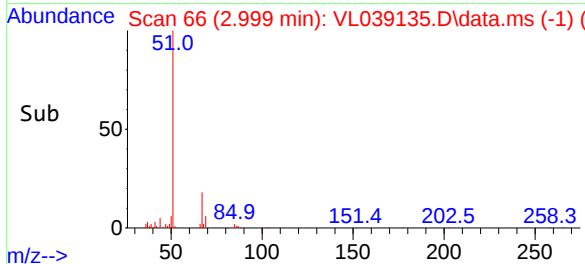
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



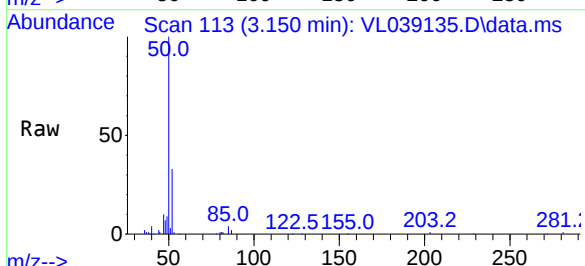
Tgt Ion: 51 Resp: 183964
Ion Ratio Lower Upper
51 100
67 18.9 16.2 24.4

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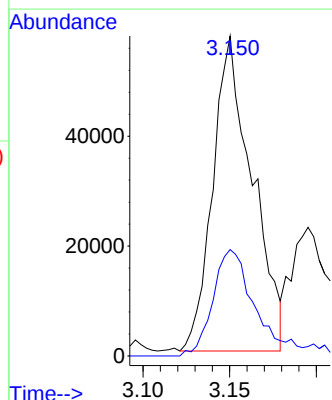
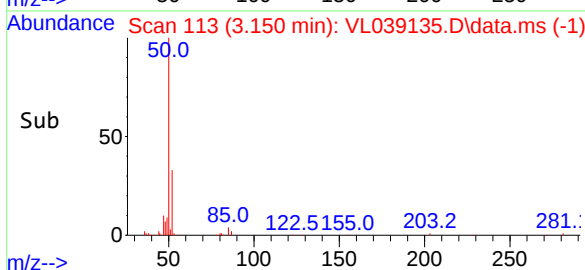
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

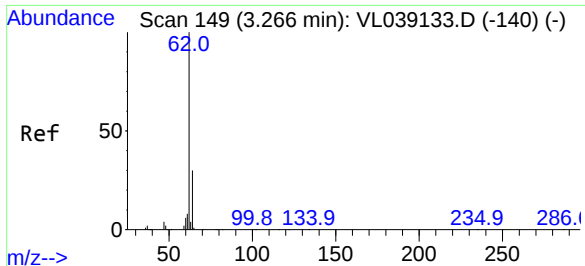


#4
Chloromethane
Concen: 1.076 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion: 50 Resp: 90877
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9





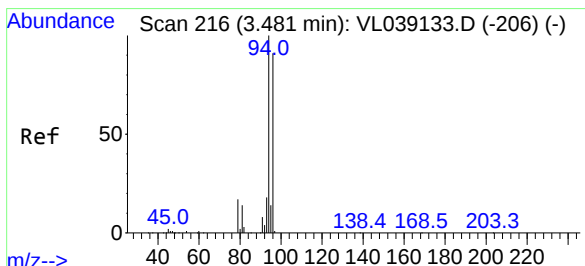
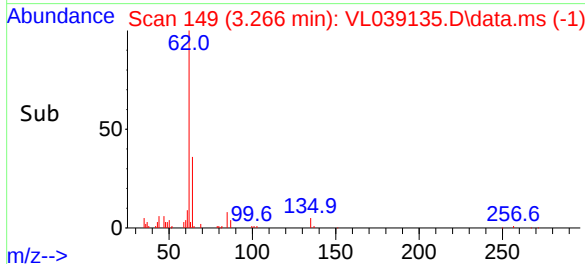
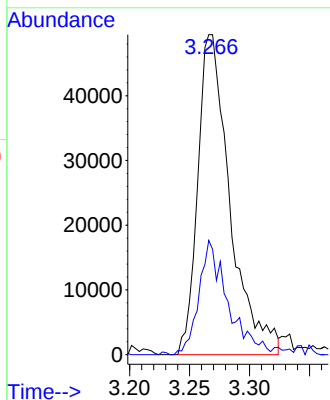
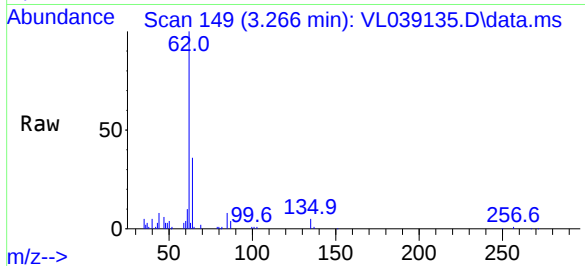
#5
 Vinyl Chloride
 Concen: 1.200 ppbv
 RT: 3.266 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VL039135.D
 Acq: 31 May 2022 17:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 62 Resp: 9252
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.2 36.2

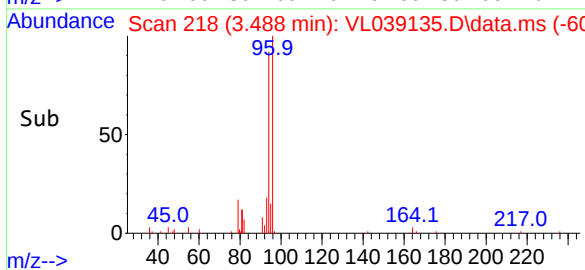
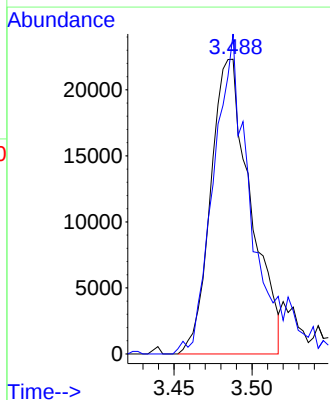
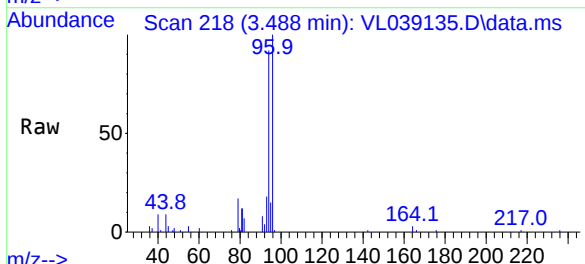
Manual Integrations
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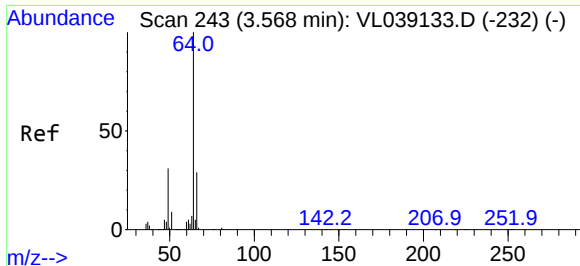
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#6
 Bromomethane
 Concen: 1.086 ppbv
 RT: 3.488 min Scan# 218
 Delta R.T. 0.007 min
 Lab File: VL039135.D
 Acq: 31 May 2022 17:36

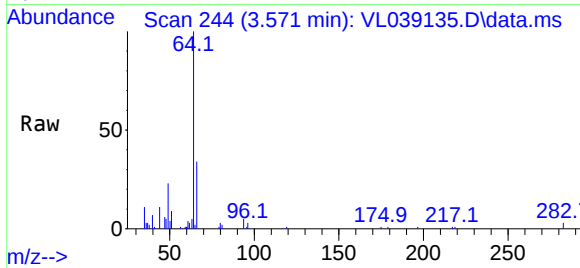
Tgt Ion: 94 Resp: 39572
 Ion Ratio Lower Upper
 94 100
 96 106.8 73.0 109.4





#7
Chloroethane
Concen: 1.220 ppbv
RT: 3.571 min Scan# 243
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

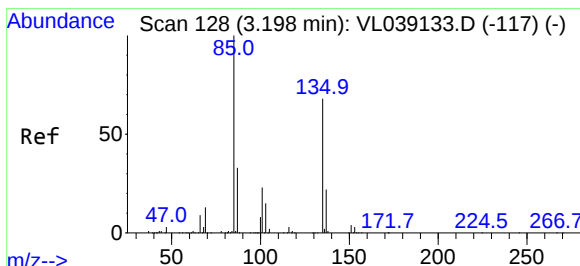
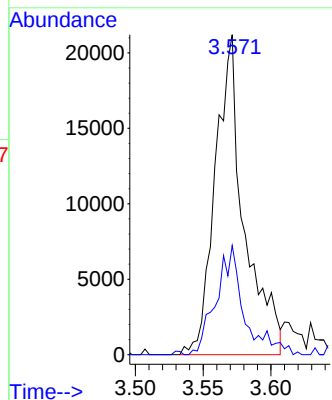
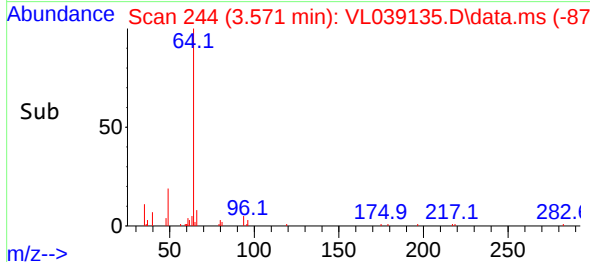
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 31490
Ion Ratio Lower Upper
64 100
66 34.1 23.6 35.4

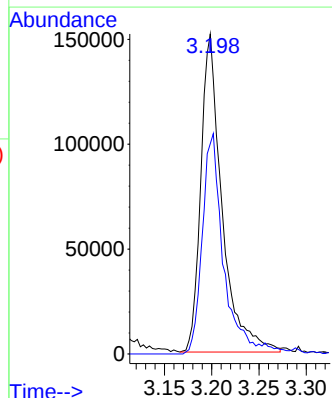
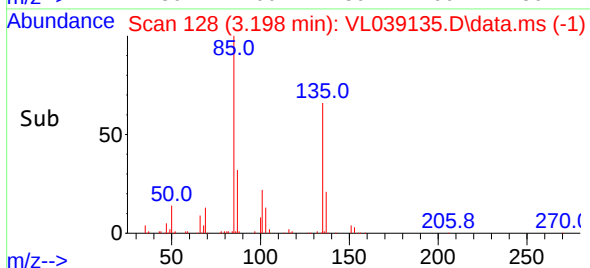
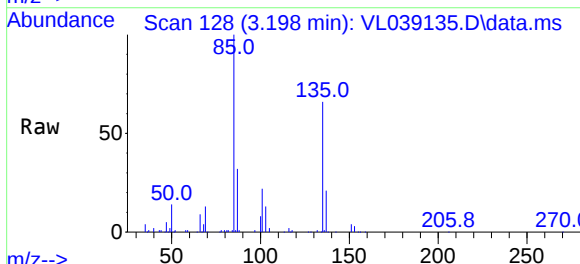
Manual Integrations
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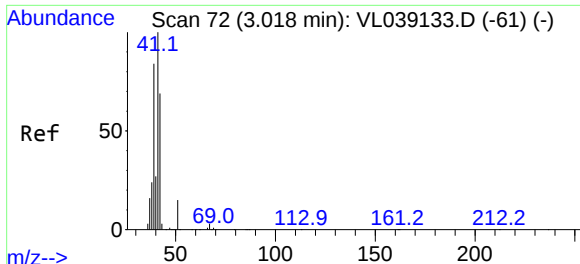
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#8
Dichlorotetrafluoroethane
Concen: 1.224 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

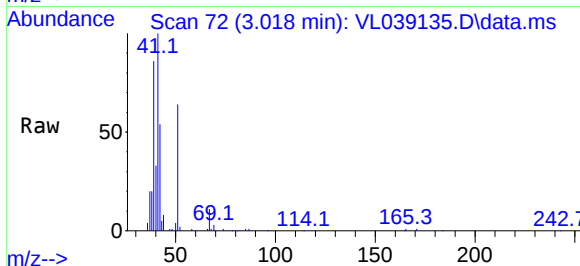
Tgt Ion: 85 Resp: 236263
Ion Ratio Lower Upper
85 100
135 71.1 55.0 82.4





#9
Propene
Concen: 1.146 ppbv
RT: 3.018 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

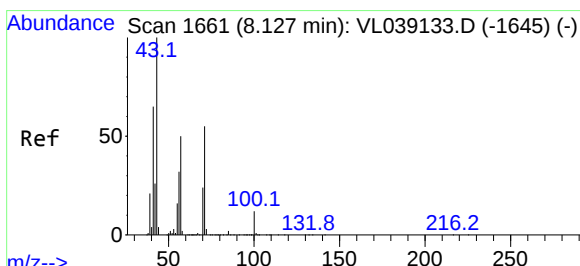
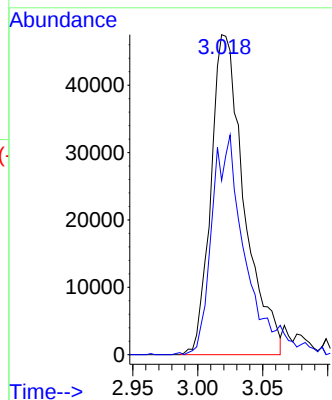
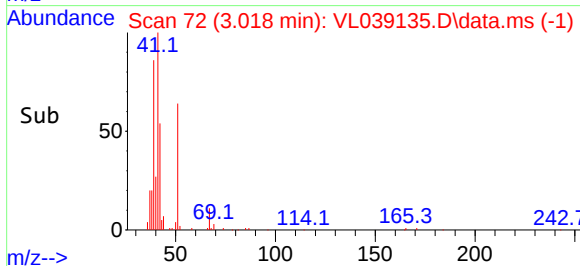
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



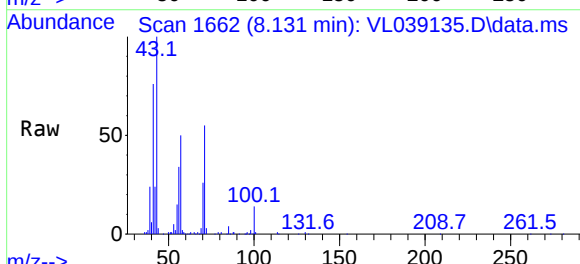
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Ion Ratio Lower Upper
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42 70.1 55.4 83.2

Manual Integrations
APPROVED

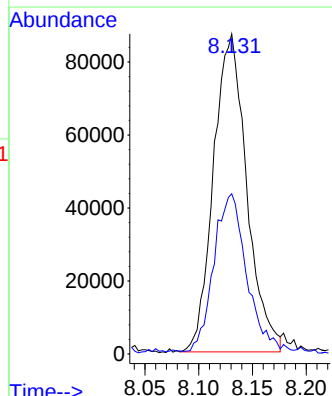
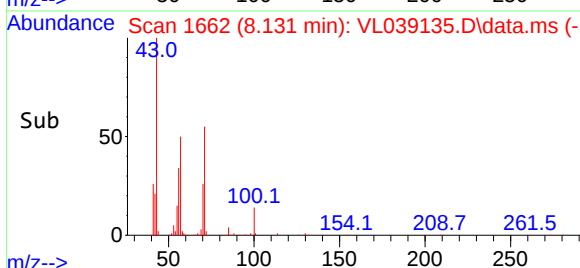
Reviewed By :Semsettin Yesilyurt 06/01/2022
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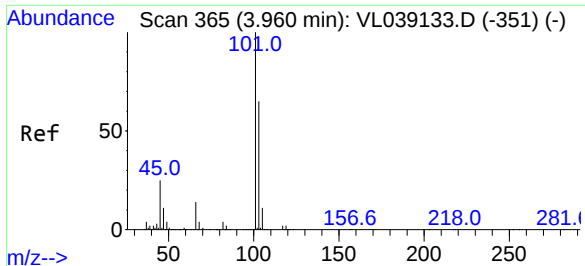


#10
Heptane
Concen: 1.037 ppbv
RT: 8.131 min Scan# 1662
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



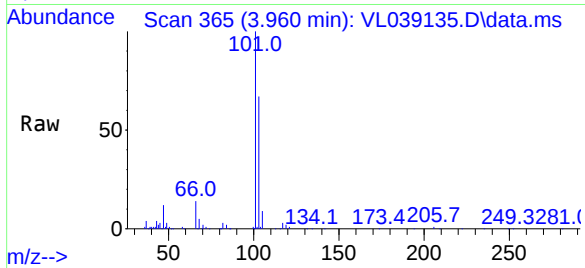
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Ion Ratio Lower Upper
43 100
57 52.7 41.4 62.2





#11
Trichlorofluoromethane
Concen: 1.245 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

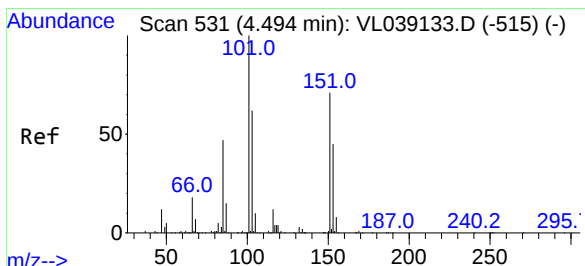
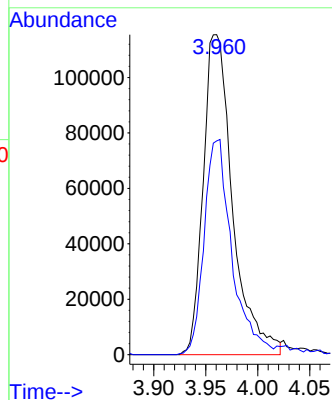
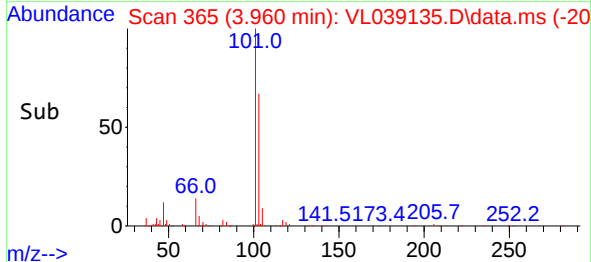
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



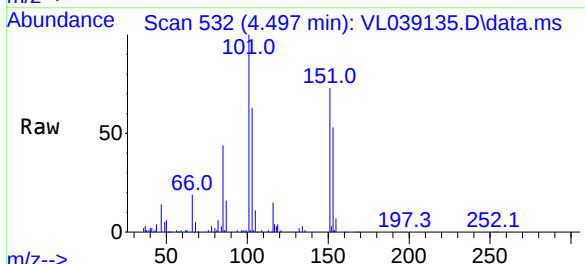
Tgt Ion:101 Resp: 227418
Ion Ratio Lower Upper
101 100
103 66.4 51.7 77.5

Manual Integrations
APPROVED

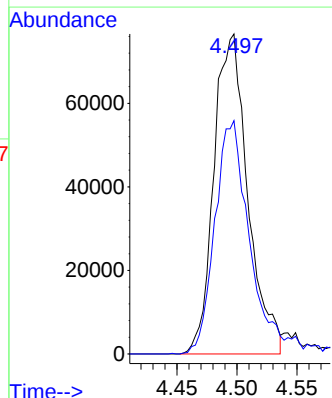
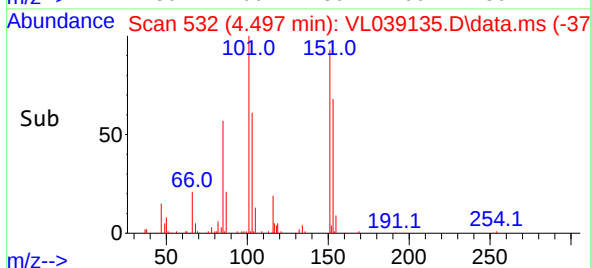
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

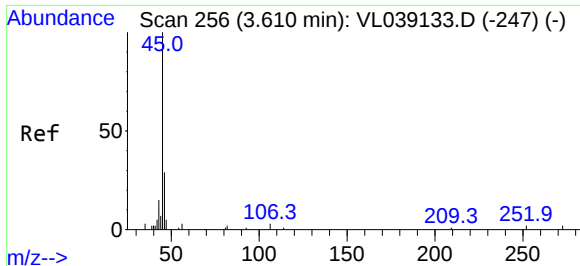


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.196 ppbv
RT: 4.497 min Scan# 532
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



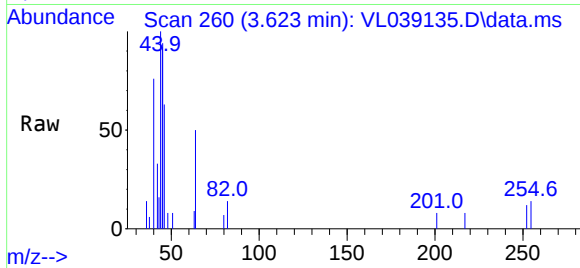
Tgt Ion:101 Resp: 150560
Ion Ratio Lower Upper
101 100
151 77.8 59.4 89.0





#13
Ethanol
Concen: 0.775 ppbv m
RT: 3.623 min Scan# 247
Delta R.T. 0.013 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

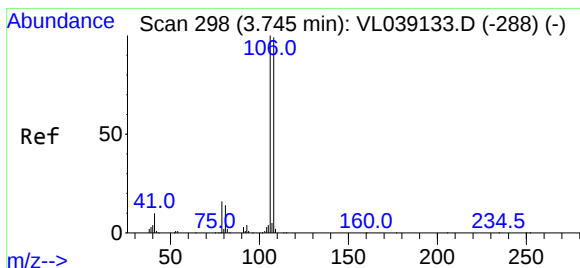
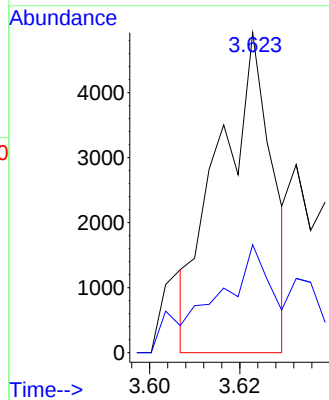
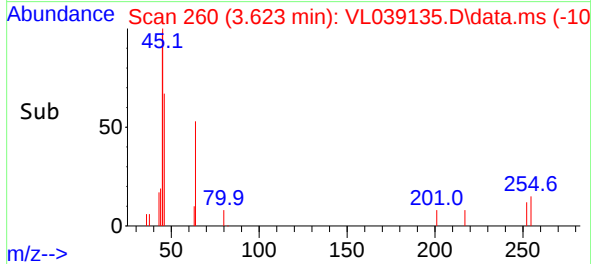
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



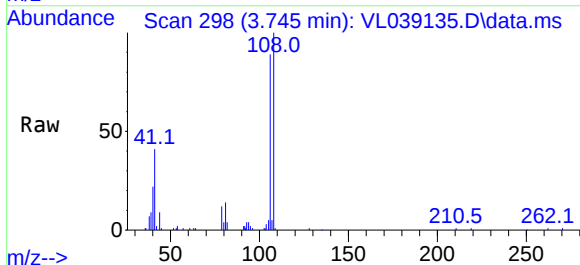
Tgt Ion: 45 Resp: 4039
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

Manual Integrations
APPROVED

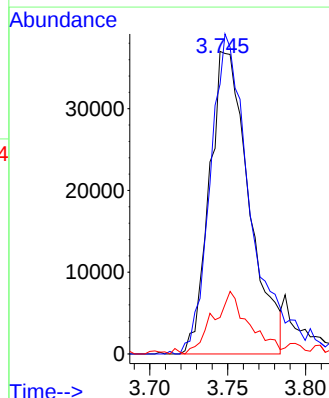
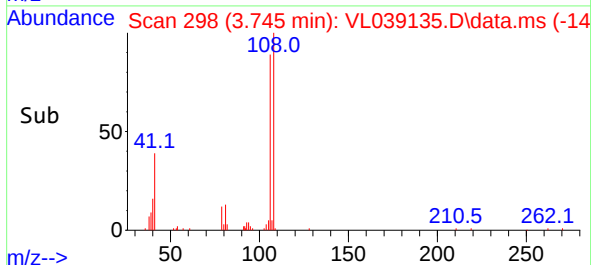
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

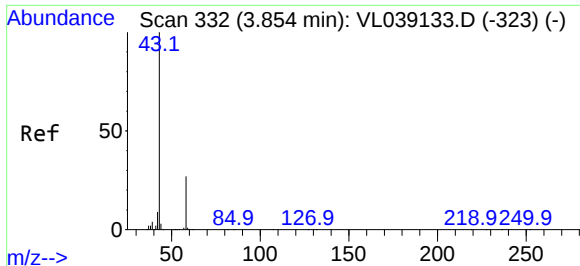


#14
Bromoethene
Concen: 1.259 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



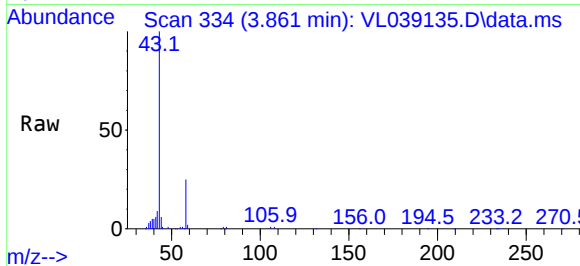
Tgt Ion:108 Resp: 65309
Ion Ratio Lower Upper
108 100
106 114.1 88.4 132.6
79 22.7 13.4 20.2#





#15
Acetone
Concen: 1.185 ppbv m
RT: 3.861 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

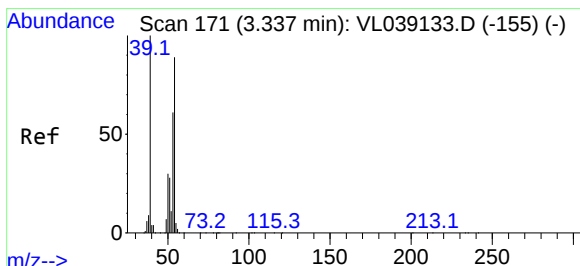
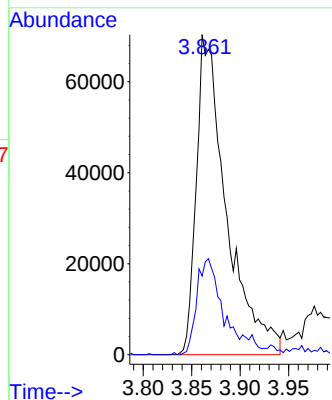
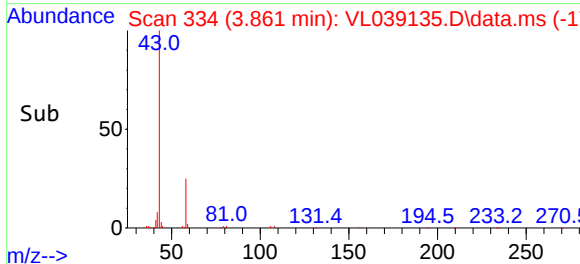
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



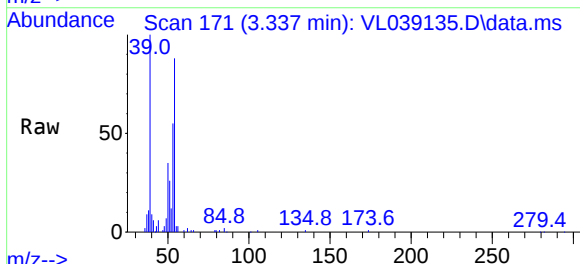
Tgt Ion: 43 Resp: 15183
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7

Manual Integrations
APPROVED

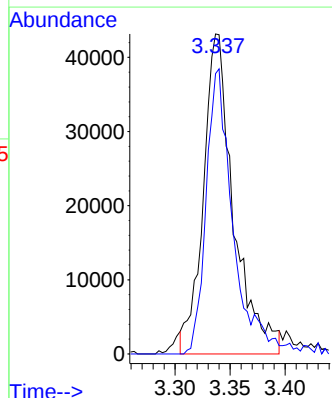
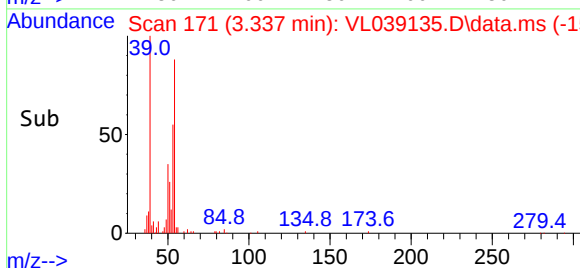
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

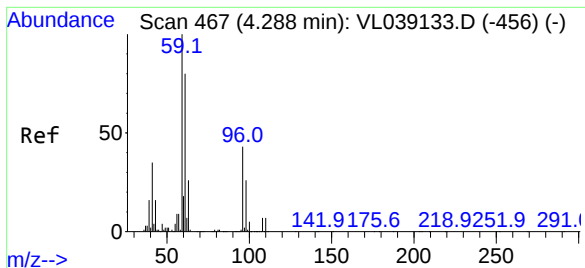


#16
1,3-Butadiene
Concen: 1.121 ppbv m
RT: 3.337 min Scan# 171
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion: 39 Resp: 82582
Ion Ratio Lower Upper
39 100
54 81.3 65.8 98.6





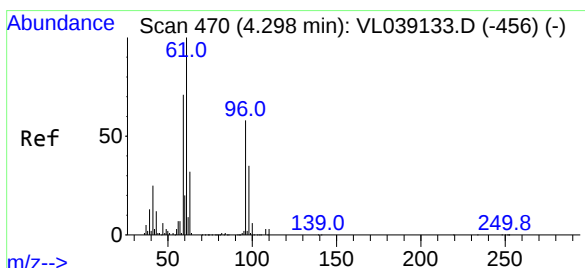
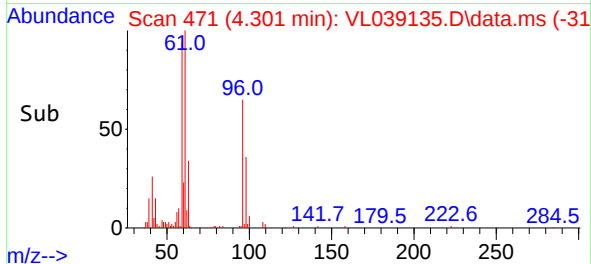
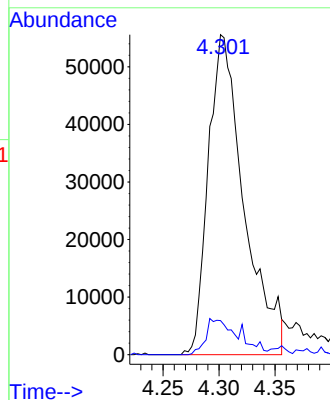
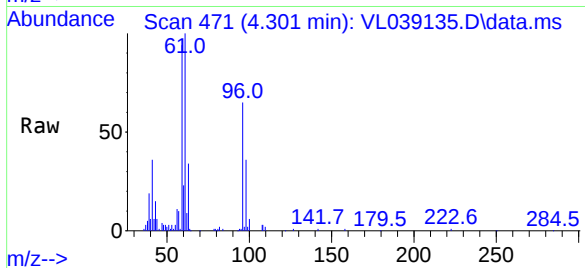
#17
tert-Butyl alcohol
Concen: 1.253 ppbv m
RT: 4.301 min Scan# 471
Delta R.T. 0.013 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 123456
Ion Ratio Lower Upper
59 100
57 12.4 9.1 13.7

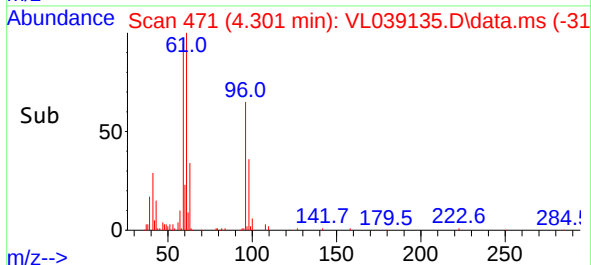
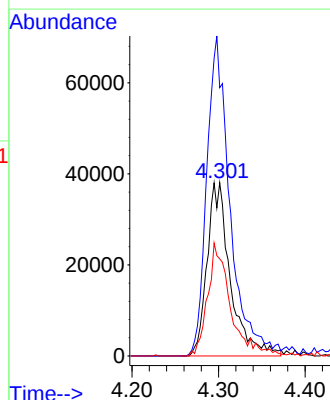
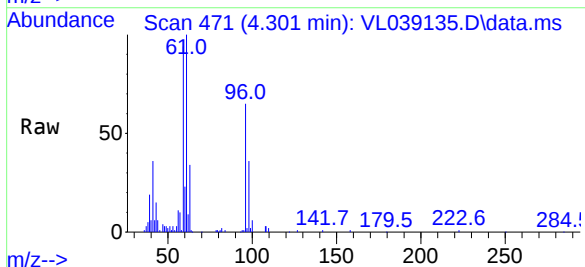
Manual Integrations
APPROVED

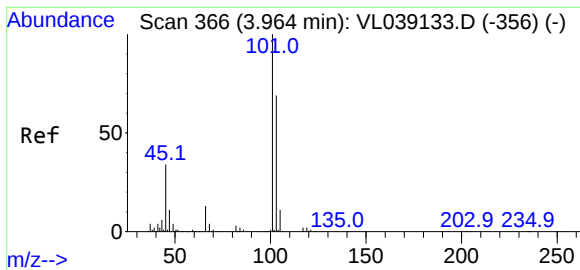
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#18
1,1-Dichloroethene
Concen: 1.319 ppbv m
RT: 4.301 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Tgt Ion: 96 Resp: 71420
Ion Ratio Lower Upper
96 100
61 154.8 138.4 207.6
98 56.0 47.8 71.8





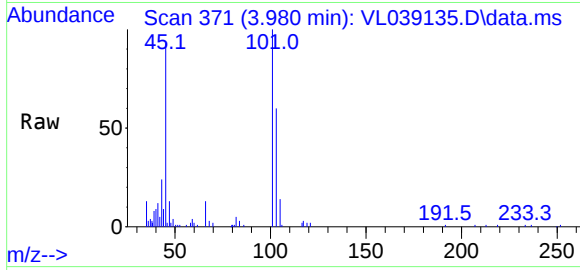
#19
Isopropyl Alcohol
Concen: 1.102 ppbv
RT: 3.980 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :

MSVOA_L

ClientSampleId :

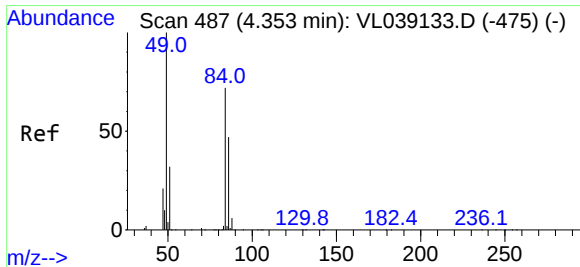
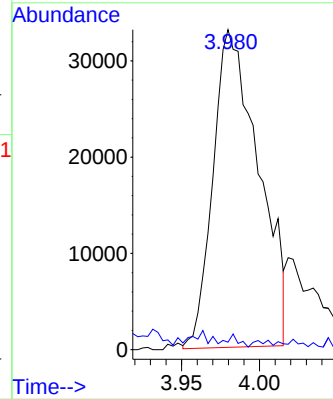
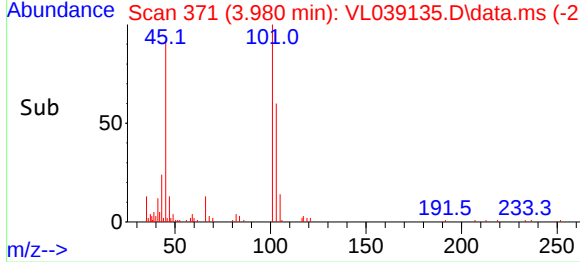
VSTDICC001



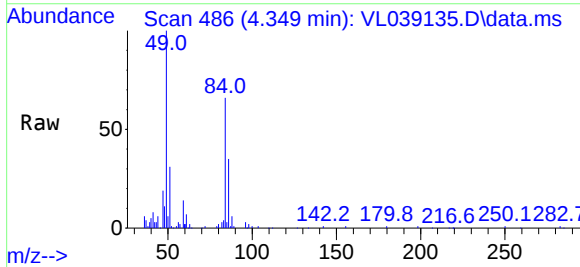
Tgt Ion: 45 Resp: 67140
Ion Ratio Lower Upper
45 100
58 5.1 1.8 2.8

Manual Integrations
APPROVED

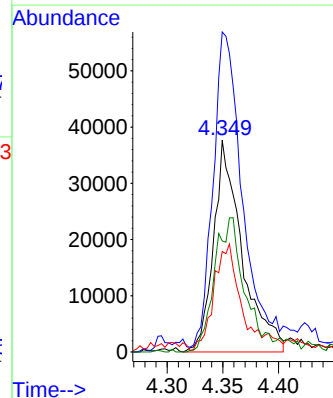
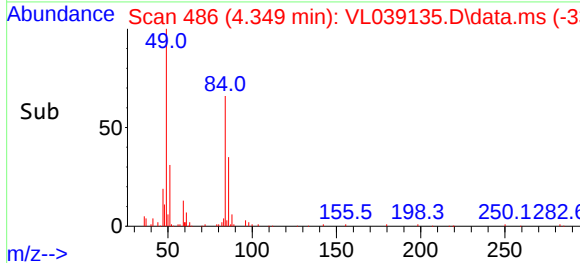
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

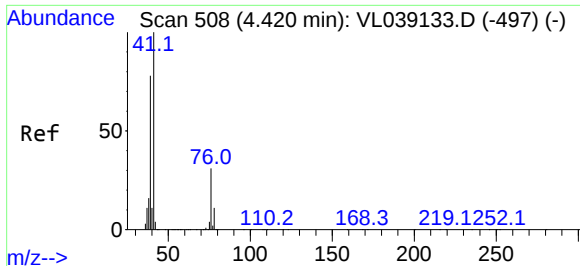


#20
Methylene Chloride
Concen: 1.390 ppbv
RT: 4.349 min Scan# 486
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



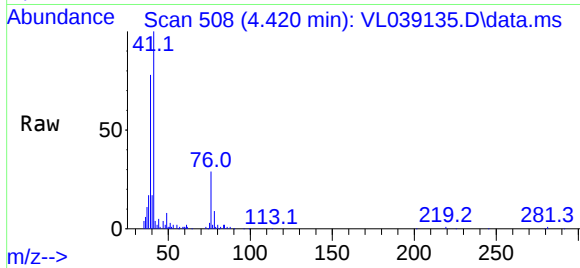
Tgt Ion: 84 Resp: 67130
Ion Ratio Lower Upper
84 100
49 145.0 111.1 166.7
51 43.7 35.3 52.9
86 52.4 51.9 77.9





#21
 Allyl Chloride
 Concen: 1.046 ppbv
 RT: 4.420 min Scan# 508
 Delta R.T. 0.000 min
 Lab File: VL039135.D
 Acq: 31 May 2022 17:36

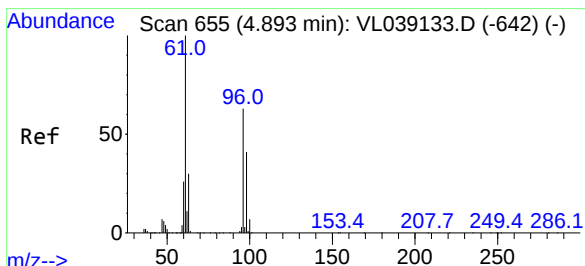
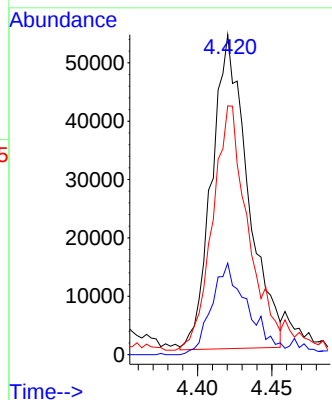
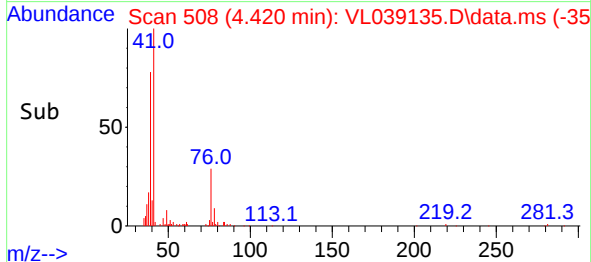
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



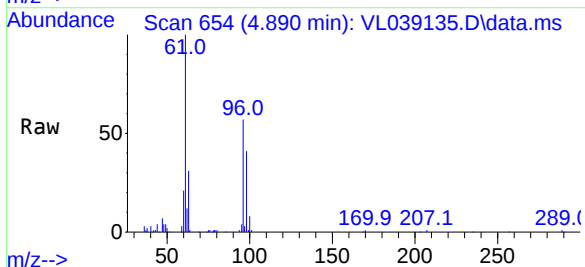
Tgt Ion: 41 Resp: 9133
 Ion Ratio Lower Upper
 41 100
 76 32.2 24.2 36.2
 39 84.7 62.2 93.2

Manual Integrations
 APPROVED

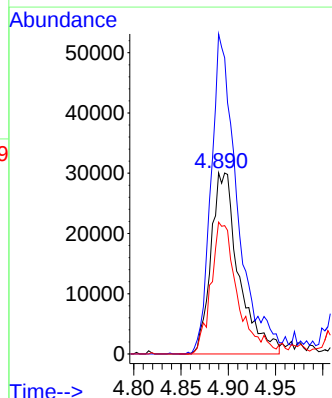
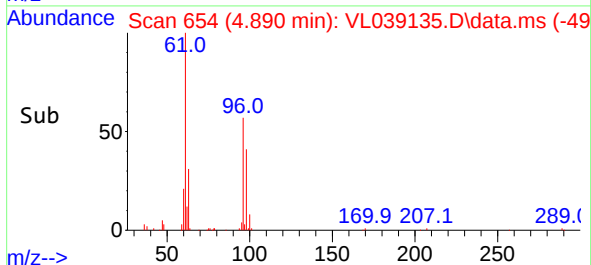
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

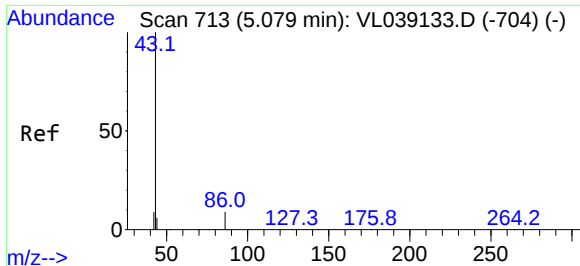


#22
 trans-1,2-Dichloroethene
 Concen: 1.061 ppbv m
 RT: 4.890 min Scan# 654
 Delta R.T. -0.003 min
 Lab File: VL039135.D
 Acq: 31 May 2022 17:36



Tgt Ion: 96 Resp: 62073
 Ion Ratio Lower Upper
 96 100
 61 176.6 126.6 190.0
 98 72.8 52.5 78.7





#23
 Vinyl Acetate
 Concen: 1.151 ppbv
 RT: 5.083 min Scan# 713
 Delta R.T. 0.003 min
 Lab File: VL039135.D
 Acq: 31 May 2022 17:36

Instrument :

MSVOA_L

ClientSampleId :

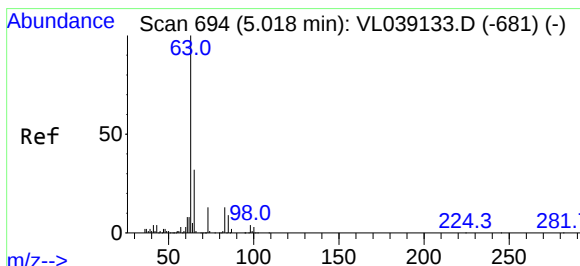
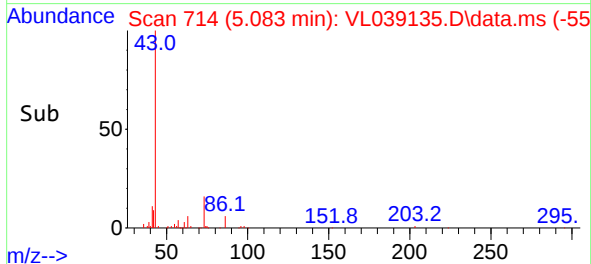
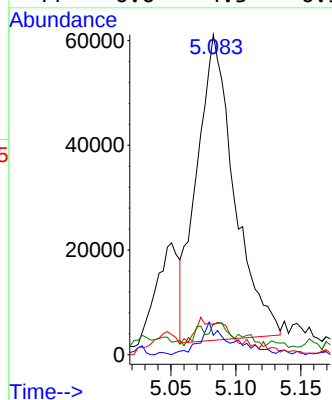
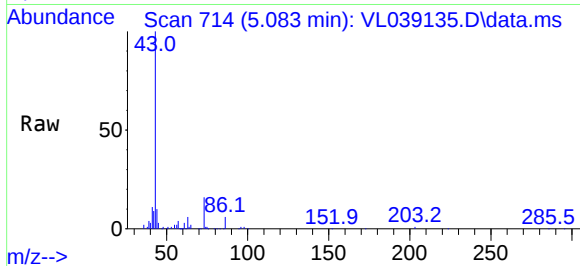
VSTDIC001

Tgt Ion: 43 Resp: 116763
 Ion Ratio Lower Upper
 43 100
 86 5.4 6.0 9.0
 42 9.2 8.2 12.4
 44 6.6 4.3 6.5#

Manual Integrations

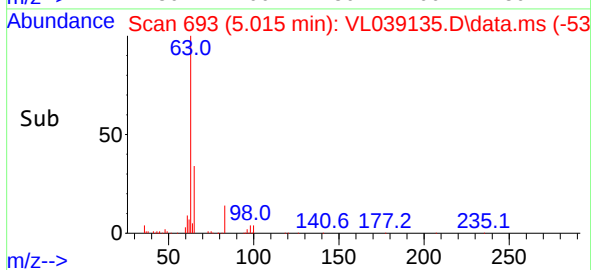
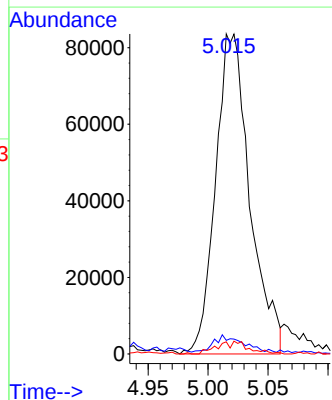
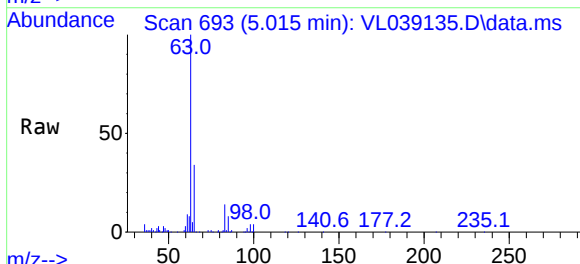
APPROVED

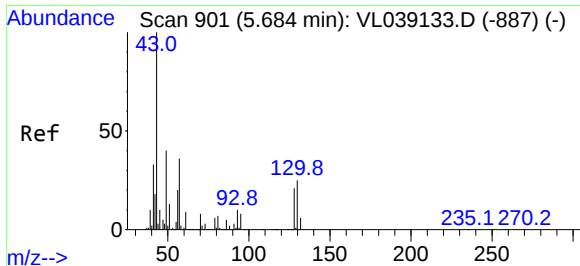
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#24
 1,1-Dichloroethane
 Concen: 1.424 ppbv
 RT: 5.015 min Scan# 693
 Delta R.T. -0.003 min
 Lab File: VL039135.D
 Acq: 31 May 2022 17:36

Tgt Ion: 63 Resp: 166343
 Ion Ratio Lower Upper
 63 100
 98 3.0 2.1 6.2
 100 3.8 1.5 4.5





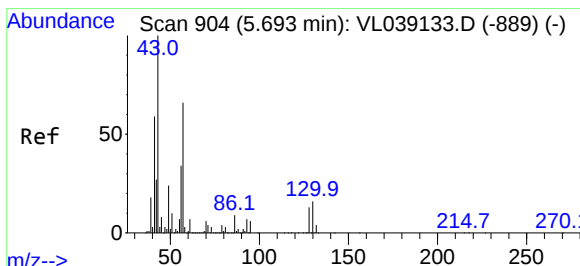
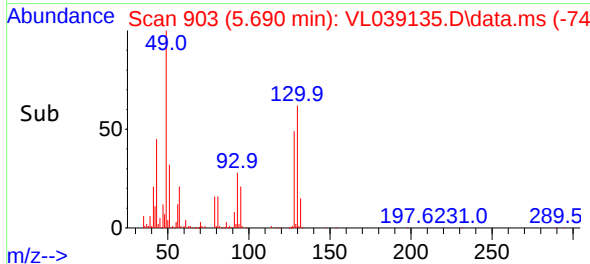
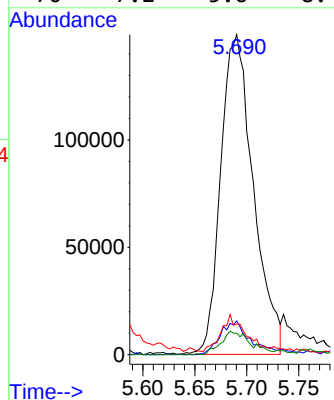
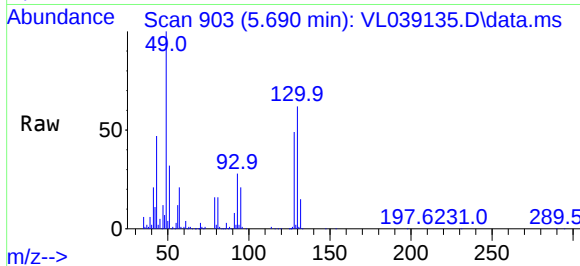
#25
Ethyl Acetate
Concen: 1.059 ppbv
RT: 5.690 min Scan# 901
Delta R.T. 0.007 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 32477
Ion Ratio Lower Upper
43 100
45 10.7 8.2 12.2
61 13.4 8.4 12.6
70 7.2 5.6 8.4

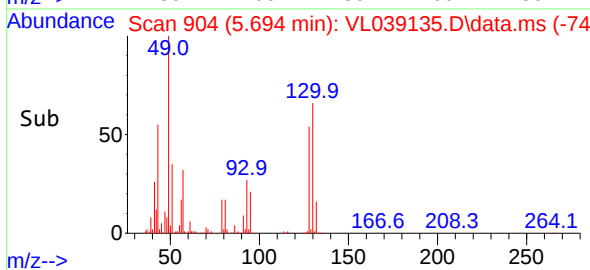
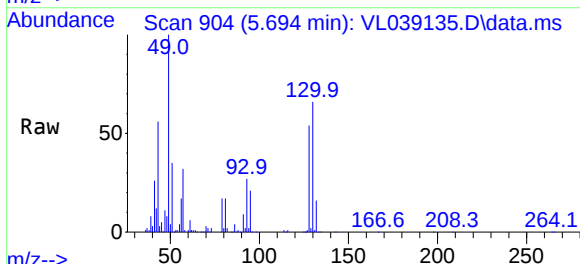
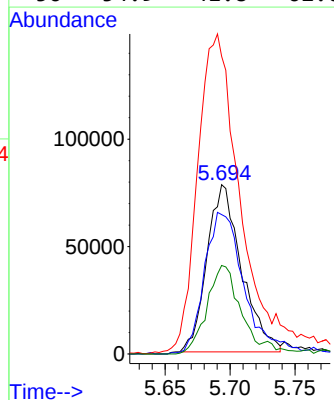
Manual Integrations
APPROVED

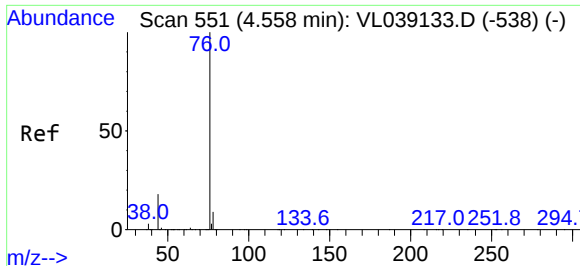
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#26
Hexane
Concen: 1.060 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

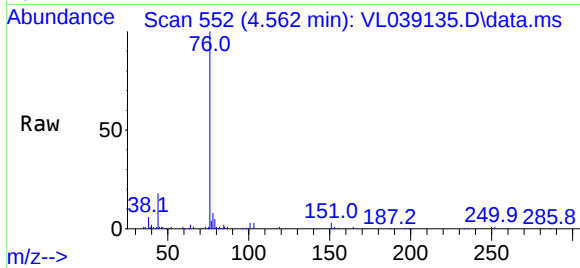
Tgt Ion: 57 Resp: 144459
Ion Ratio Lower Upper
57 100
41 100.4 72.4 108.6
43 249.5 187.0 280.6
56 54.9 41.8 62.6





#27
Carbon Disulfide
Concen: 1.076 ppbv
RT: 4.562 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

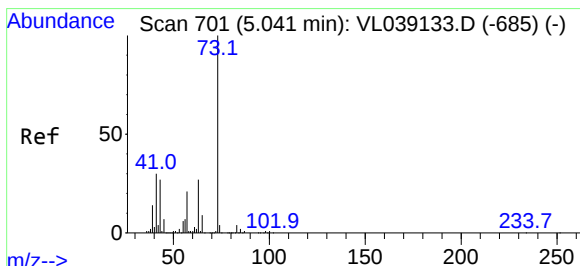
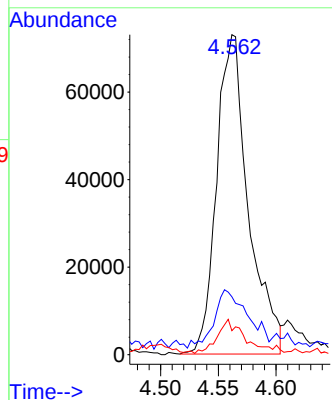
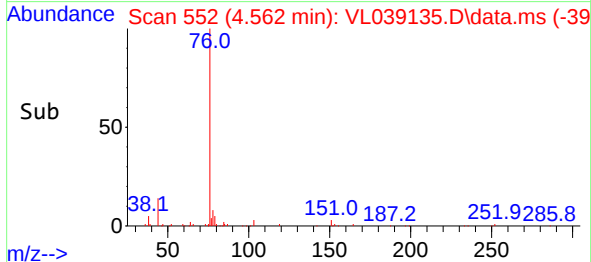
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



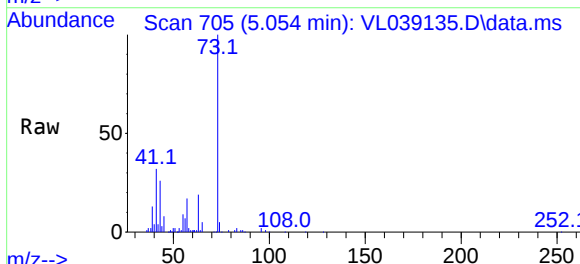
Tgt Ion: 76 Resp: 139380
Ion Ratio Lower Upper
76 100
44 19.3 14.4 21.6
78 10.4 7.7 11.5

Manual Integrations
APPROVED

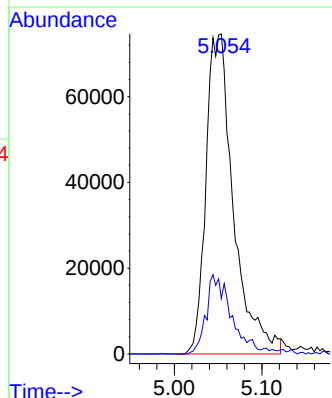
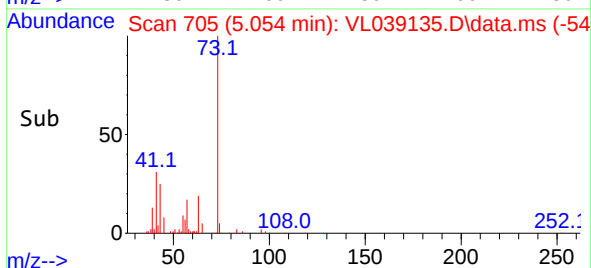
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

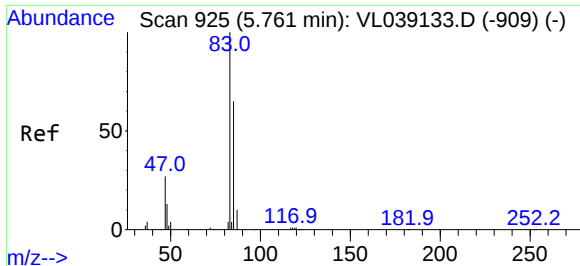


#28
Methyl tert-Butyl Ether
Concen: 1.570 ppbv m
RT: 5.054 min Scan# 705
Delta R.T. 0.013 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion: 73 Resp: 162796
Ion Ratio Lower Upper
73 100
57 23.8 18.6 27.8





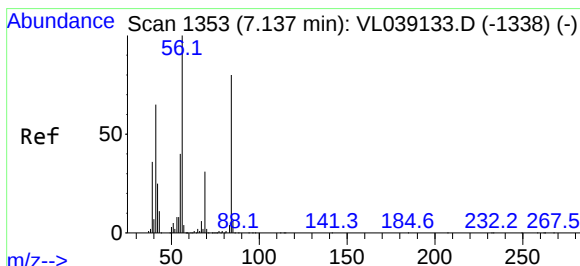
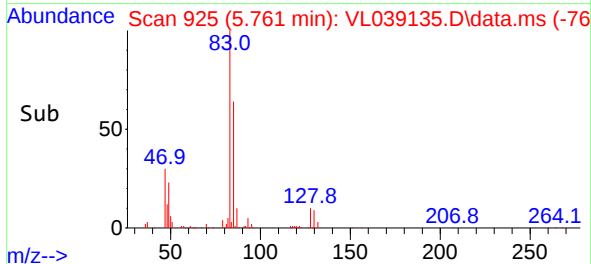
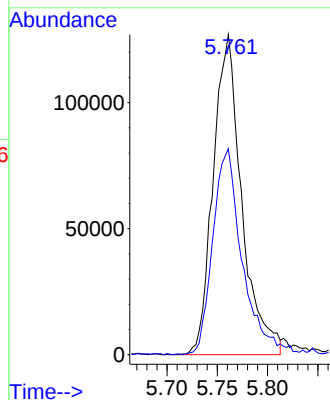
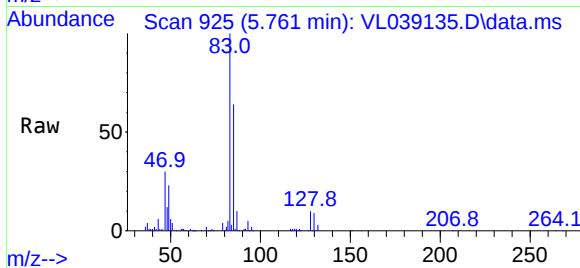
#29
Chloroform
Concen: 1.135 ppbv
RT: 5.761 min Scan# 913
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 250389
Ion Ratio Lower Upper
83 100
85 64.1 52.4 78.6

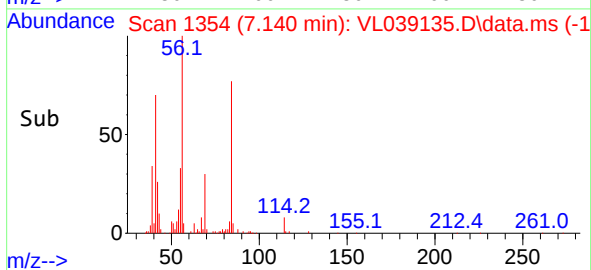
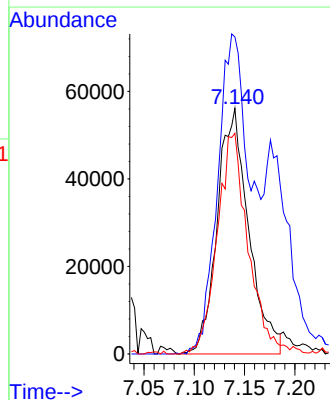
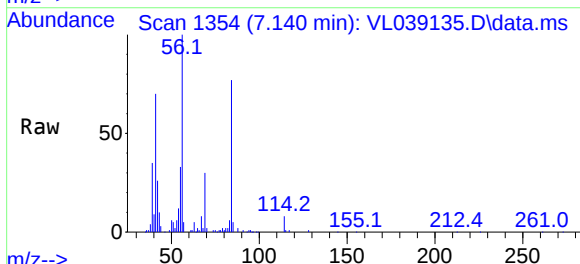
Manual Integrations
APPROVED

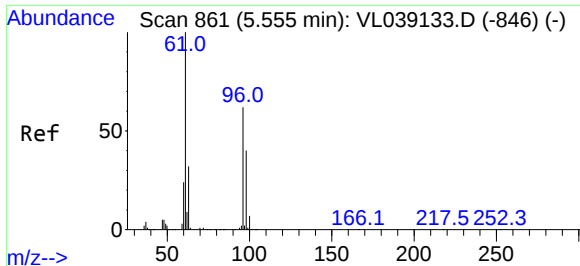
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#30
Cyclohexane
Concen: 1.070 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Tgt Ion: 84 Resp: 122101
Ion Ratio Lower Upper
84 100
56 204.4 110.6 165.8#
41 89.0 68.9 103.3





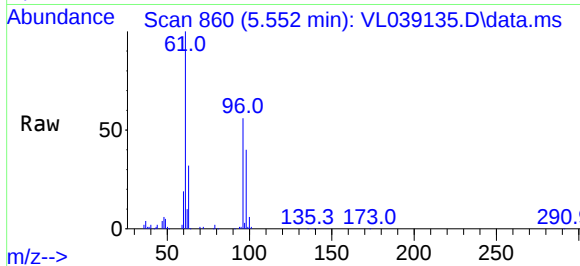
#31
cis-1,2-Dichloroethene
Concen: 1.072 ppbv
RT: 5.552 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

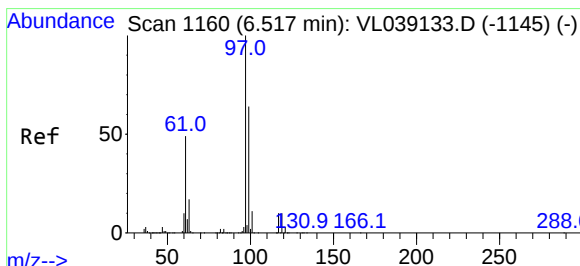
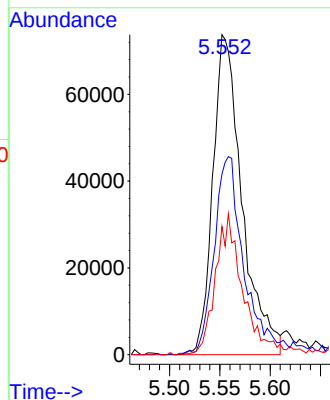
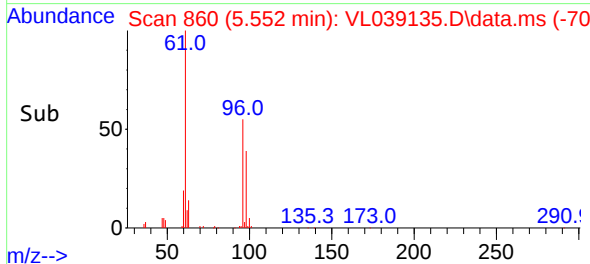


Tgt Ion: 61 Resp: 148854
Ion Ratio Lower Upper
61 100
96 56.1 49.9 74.9
98 39.6 32.0 48.0

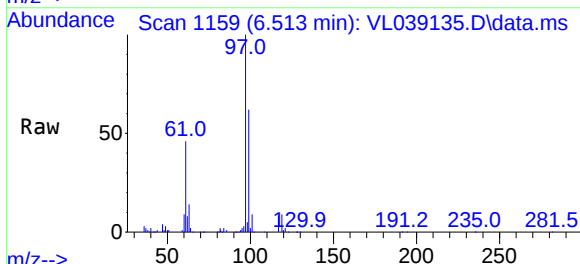
Manual Integrations

APPROVED

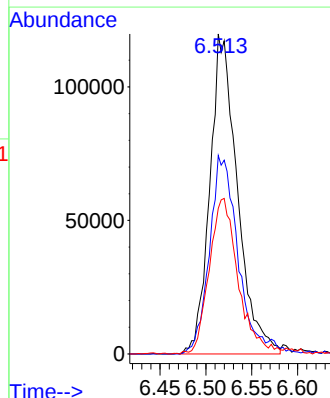
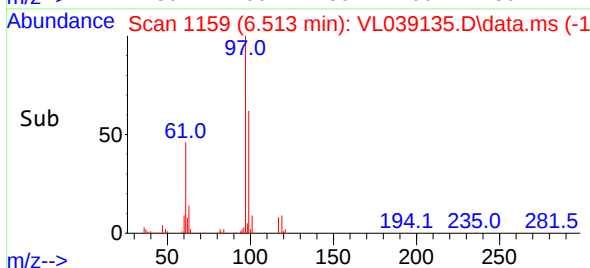
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

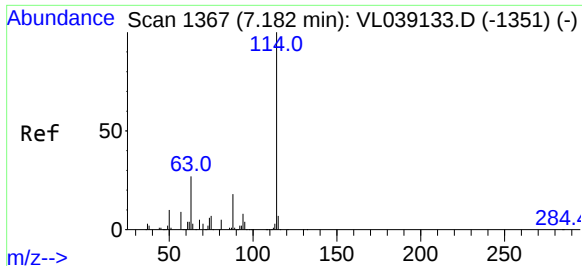


#32
1,1,1-Trichloroethane
Concen: 1.133 ppbv
RT: 6.513 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion: 97 Resp: 249751
Ion Ratio Lower Upper
97 100
99 65.6 52.1 78.1
61 51.1 40.0 60.0





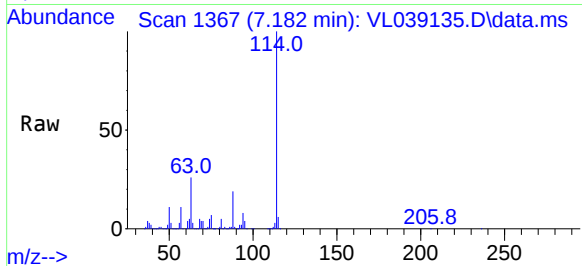
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

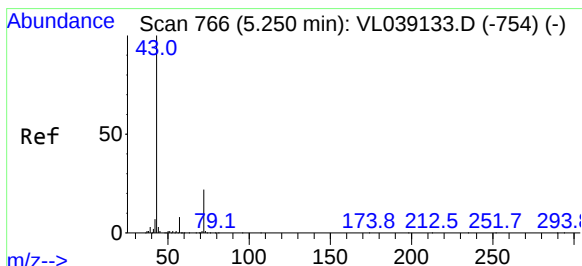
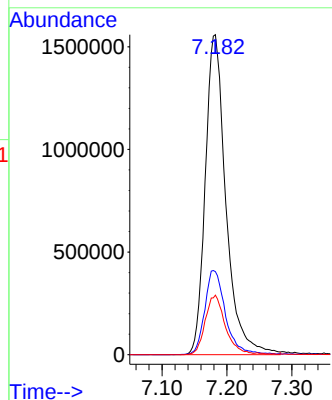
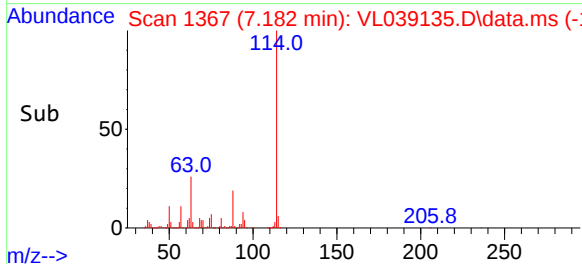


Tgt Ion:114 Resp: 3449010
Ion Ratio Lower Upper
114 100
63 27.0 21.7 32.5
88 18.6 14.8 22.2

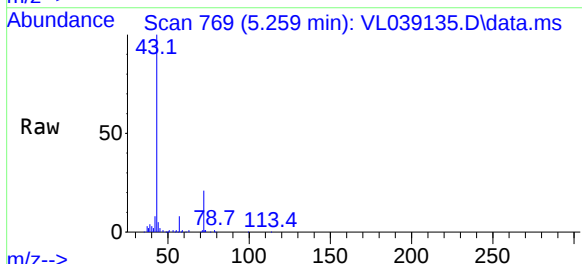
Manual Integrations

APPROVED

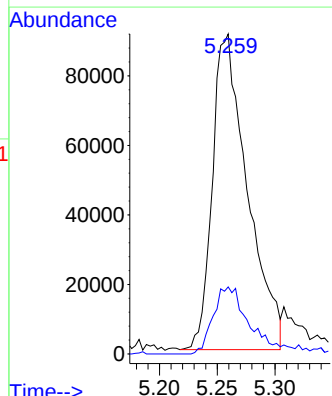
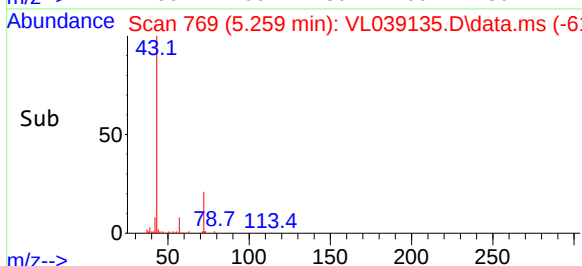
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

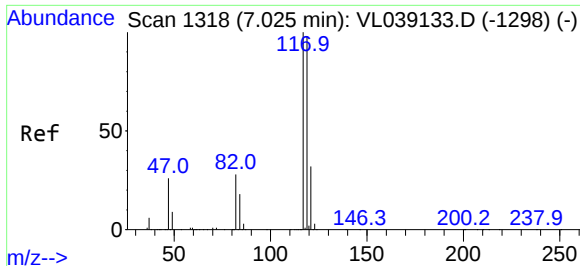


#34
2-Butanone
Concen: 1.088 ppbv
RT: 5.259 min Scan# 769
Delta R.T. 0.010 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion: 43 Resp: 191486
Ion Ratio Lower Upper
43 100
72 24.7 18.2 27.2





#35
Carbon Tetrachloride
Concen: 1.142 ppbv
RT: 7.025 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :

MSVOA_L

ClientSampleId :

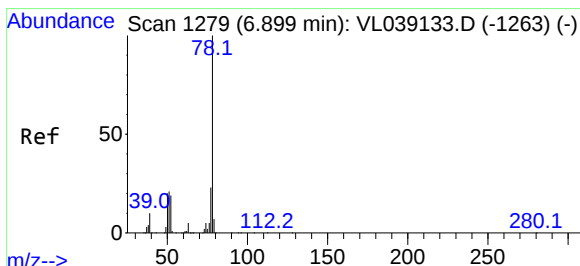
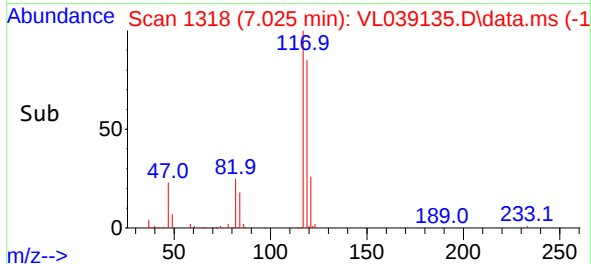
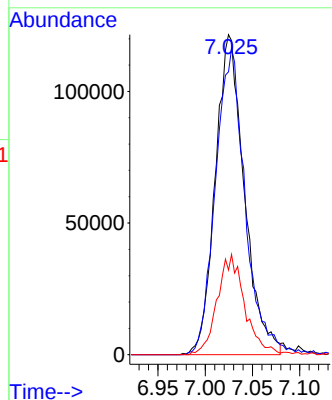
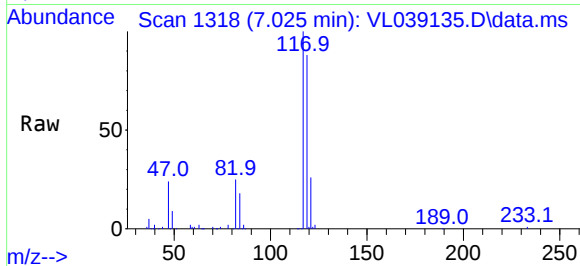
VSTDIC001

Tgt Ion:117 Resp: 25961
Ion Ratio Lower Upper
117 100
119 88.4 78.6 118.0
121 26.4 25.4 38.0

Manual Integrations

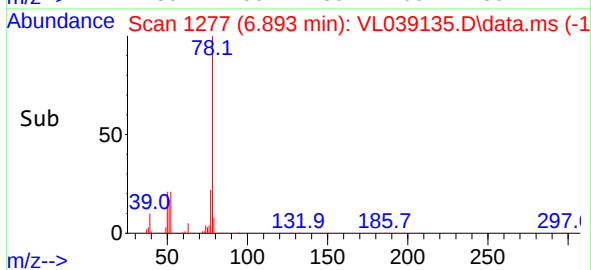
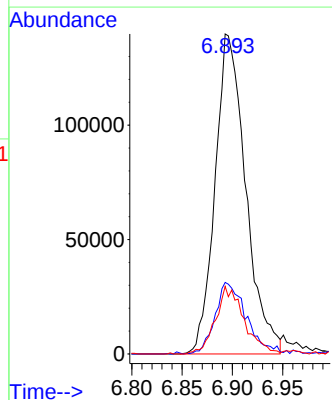
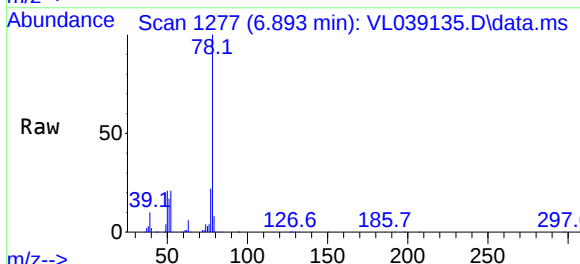
APPROVED

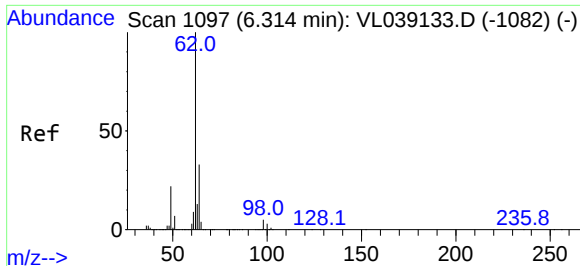
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#36
Benzene
Concen: 1.004 ppbv
RT: 6.893 min Scan# 1277
Delta R.T. -0.006 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

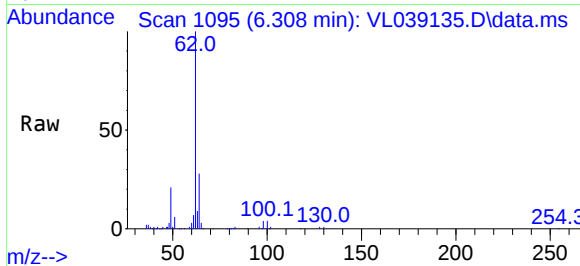
Tgt Ion: 78 Resp: 296245
Ion Ratio Lower Upper
78 100
77 22.1 18.6 27.8
50 21.1 15.8 23.8





#37
1,2-Dichloroethane
Concen: 1.077 ppbv
RT: 6.308 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

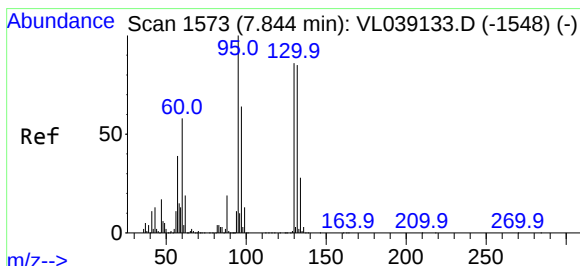
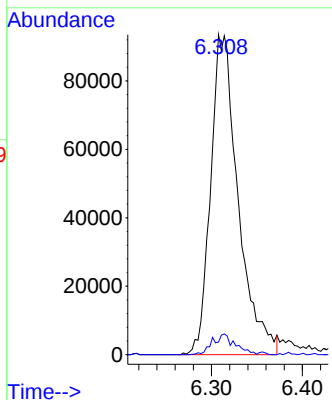
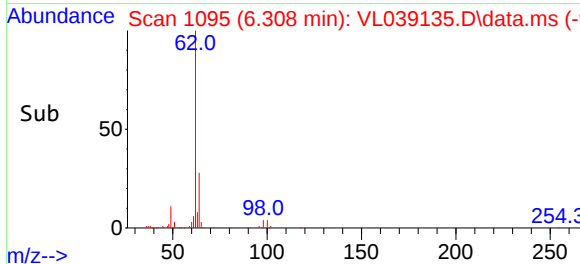
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 62 Resp: 196700
Ion Ratio Lower Upper
62 100
98 5.5 4.3 6.5

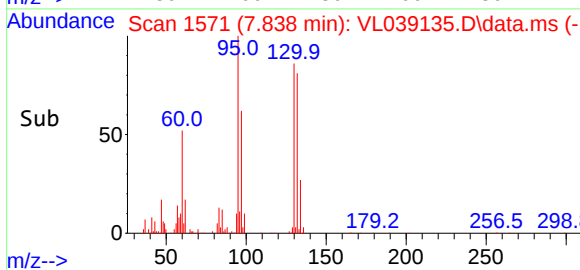
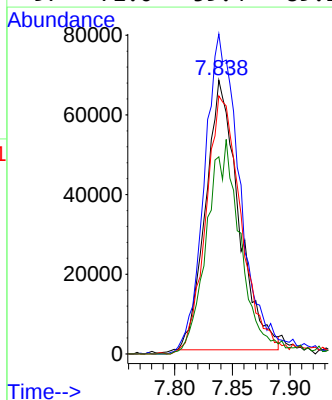
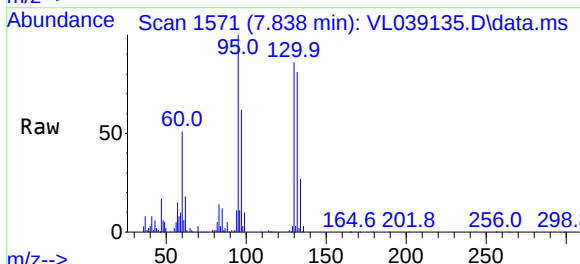
Manual Integrations
APPROVED

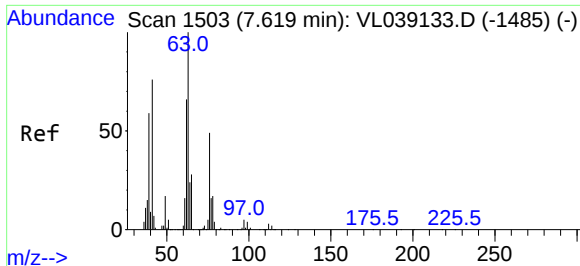
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#38
Trichloroethene
Concen: 1.027 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

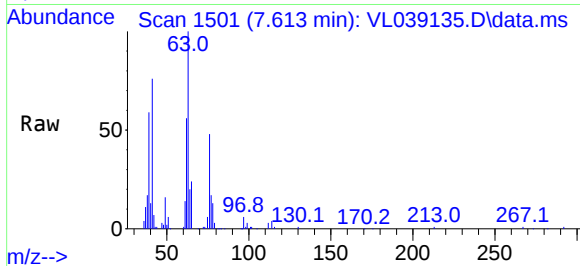
Tgt Ion:130 Resp: 134793
Ion Ratio Lower Upper
130 100
95 116.2 93.3 139.9
132 94.2 79.0 118.4
97 72.0 59.4 89.2





#39
1,2-Dichloropropane
Concen: 1.025 ppbv
RT: 7.613 min Scan# 117769
Delta R.T. -0.006 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

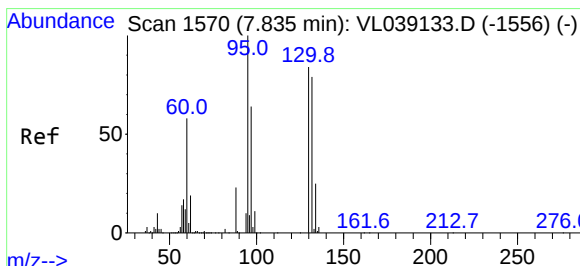
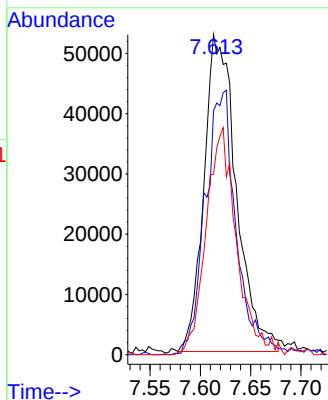
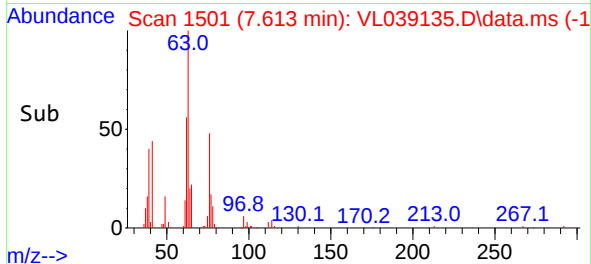
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



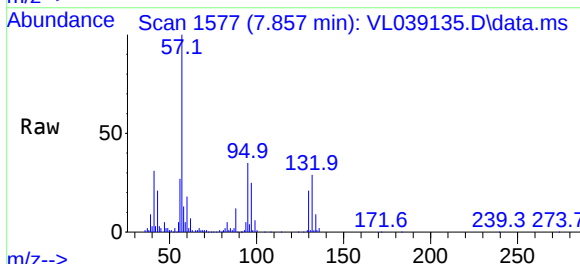
Tgt Ion: 63 Resp: 117769
Ion Ratio Lower Upper
63 100
41 76.7 60.8 91.2
62 56.2 52.9 79.3

Manual Integrations
APPROVED

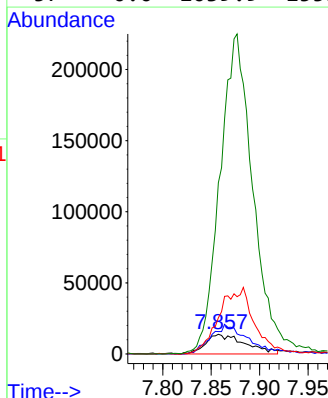
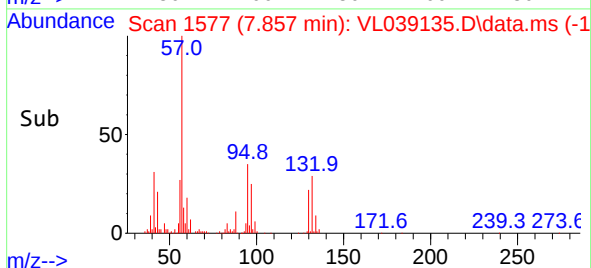
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

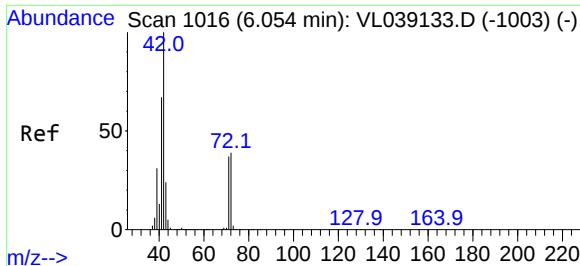


#40
1,4-Dioxane
Concen: 0.957 ppbv m
RT: 7.857 min Scan# 1577
Delta R.T. 0.023 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



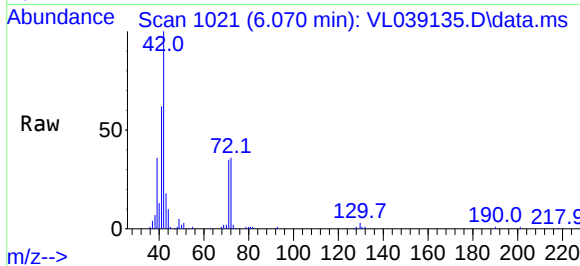
Tgt Ion: 88 Resp: 39468
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 1.000 ppbv m
RT: 6.070 min Scan# 1016
Delta R.T. 0.016 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

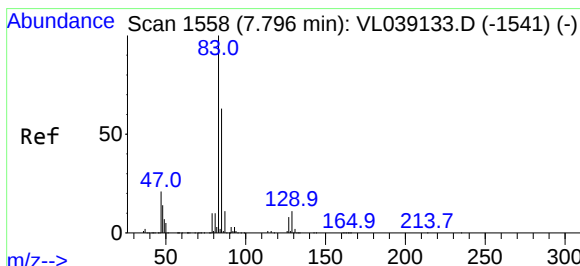
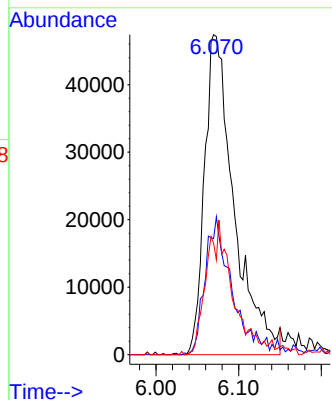
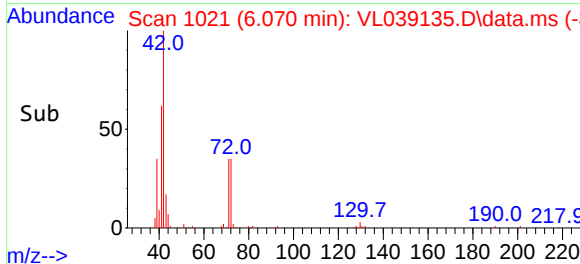
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



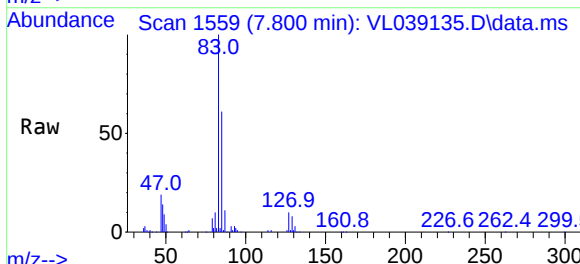
Tgt Ion: 42 Resp: 11828
Ion Ratio Lower Upper
42 100
72 40.6 32.0 48.0
71 39.3 31.1 46.7

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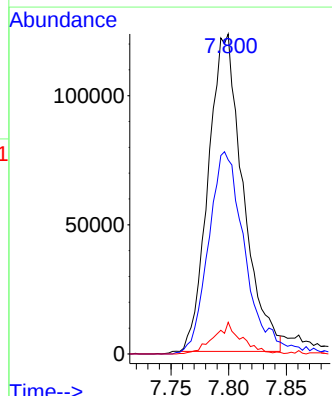
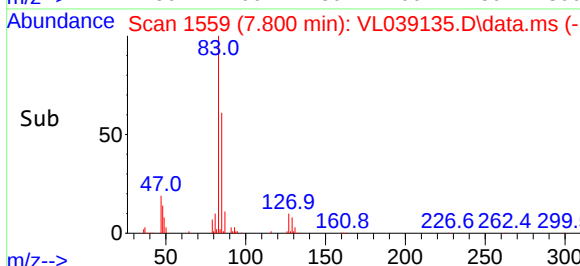
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

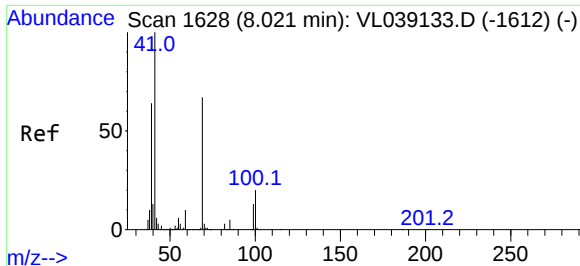


#42
Bromodichloromethane
Concen: 1.029 ppbv
RT: 7.800 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



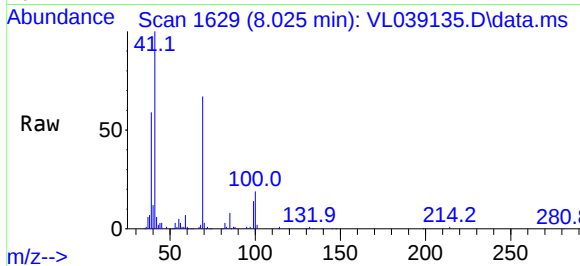
Tgt Ion: 83 Resp: 256860
Ion Ratio Lower Upper
83 100
85 60.6 50.2 75.4
127 9.8 6.6 9.8





#43
Methyl Methacrylate
Concen: 0.884 ppbv
RT: 8.025 min Scan# 1629
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

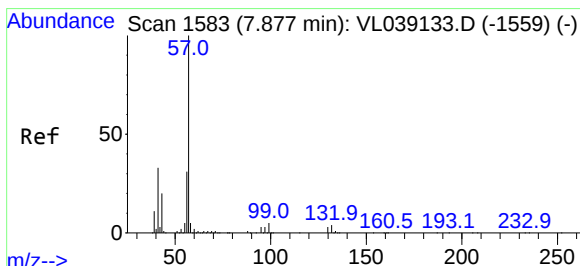
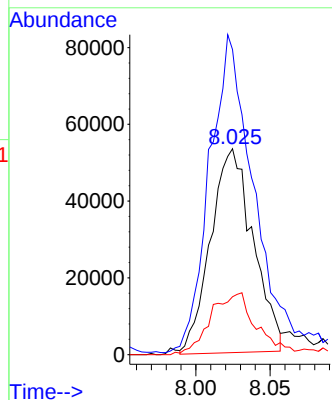
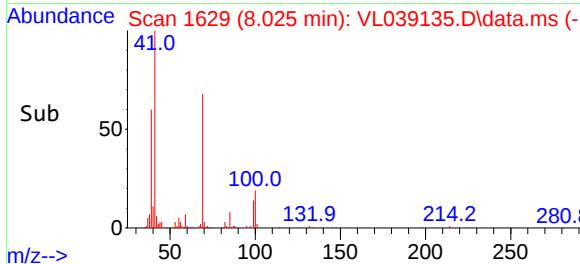
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



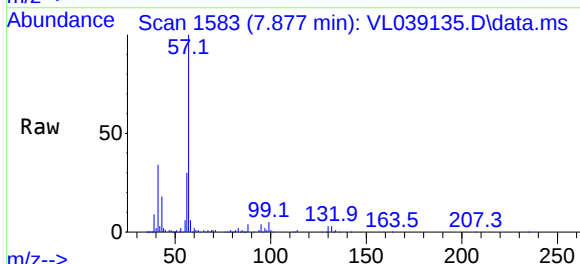
Tgt Ion: 69 Resp: 10588
Ion Ratio Lower Upper
69 100
41 167.5 121.9 182.9
100 34.1 24.1 36.1

Manual Integrations
APPROVED

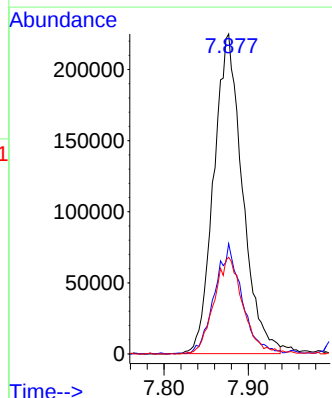
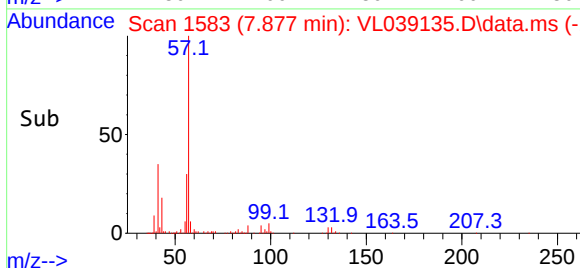
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

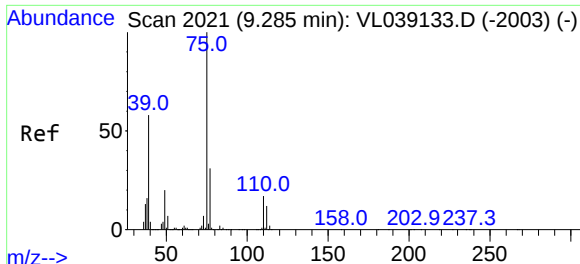


#44
2,2,4-Trimethylpentane
Concen: 1.027 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



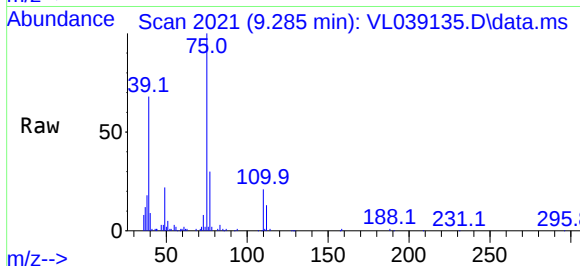
Tgt Ion: 57 Resp: 531657
Ion Ratio Lower Upper
57 100
41 33.3 26.2 39.4
56 30.9 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 0.863 ppbv
RT: 9.285 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

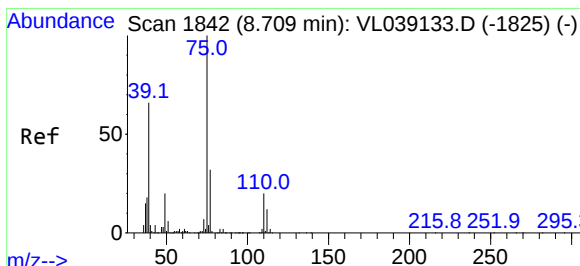
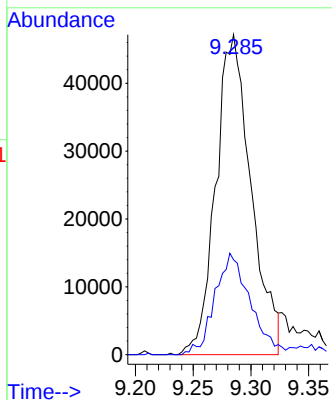
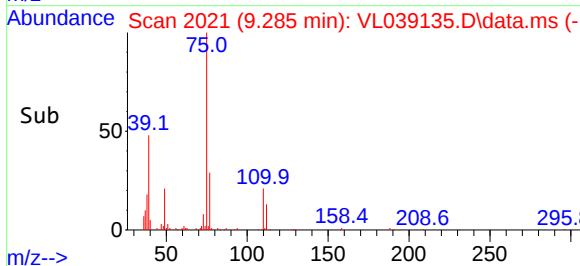
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



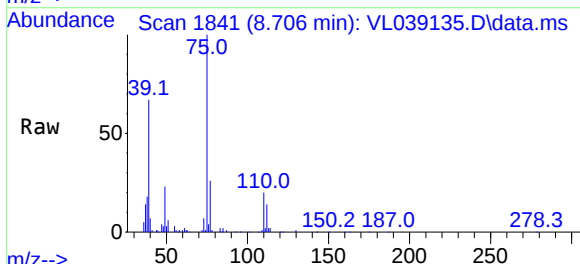
Tgt Ion: 75 Resp: 100144
Ion Ratio Lower Upper
75 100
77 29.7 24.4 36.6

Manual Integrations
APPROVED

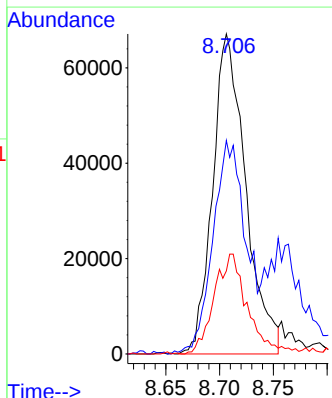
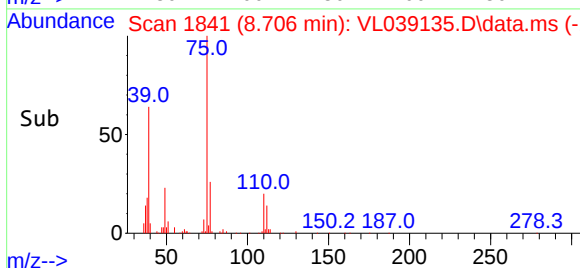
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

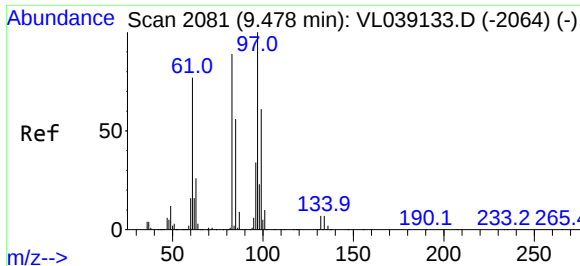


#46
cis-1,3-Dichloropropene
Concen: 0.932 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion: 75 Resp: 143325
Ion Ratio Lower Upper
75 100
39 66.1 52.4 78.6
77 25.7 25.5 38.3





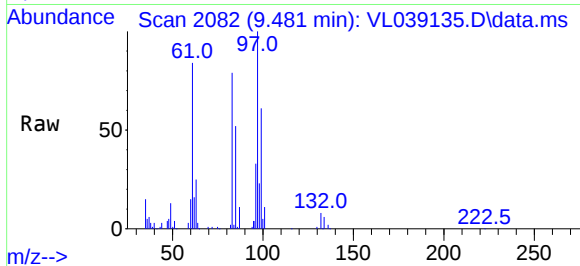
#47
1,1,2-Trichloroethane
Concen: 1.040 ppbv
RT: 9.481 min Scan# 2081
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

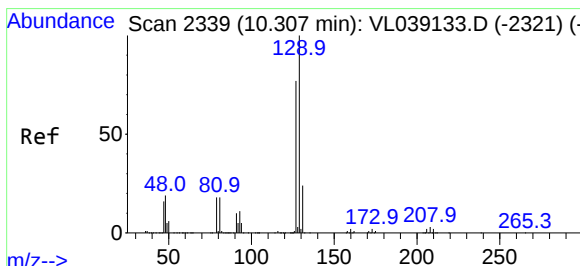
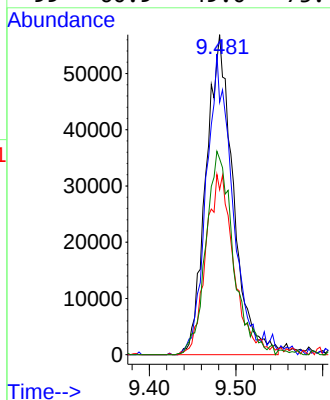
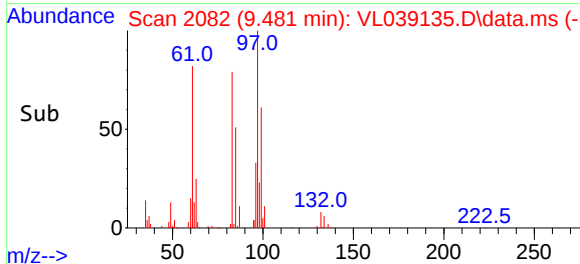


Tgt Ion: 97 Resp: 124260
Ion Ratio Lower Upper
97 100
83 78.9 71.6 107.4
85 51.5 44.8 67.2
99 60.9 49.0 73.4

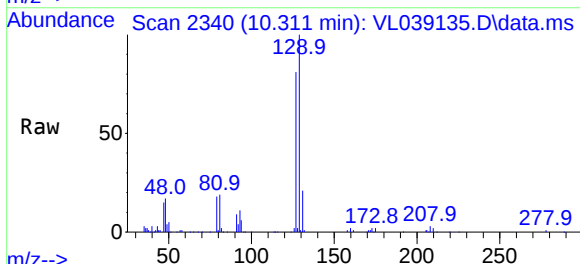
Manual Integrations

APPROVED

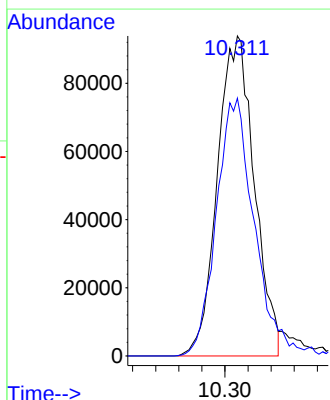
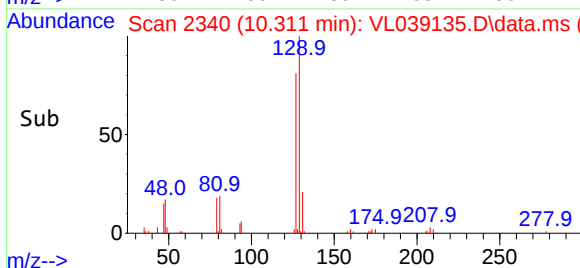
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

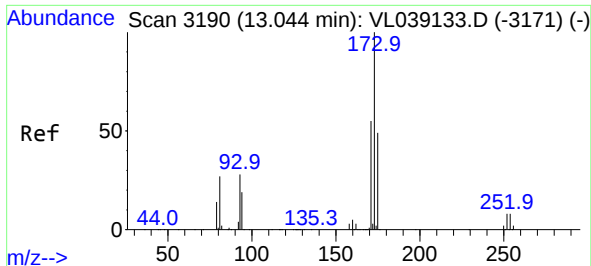


#48
Dibromochloromethane
Concen: 1.071 ppbv
RT: 10.311 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion:129 Resp: 208232
Ion Ratio Lower Upper
129 100
127 83.7 40.0 119.9





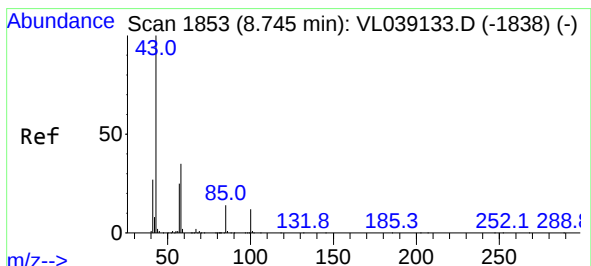
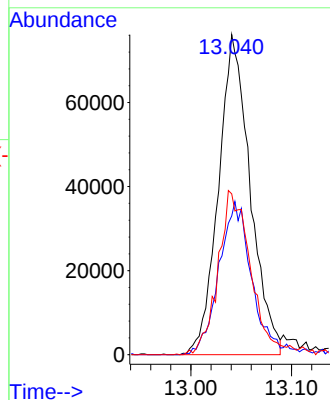
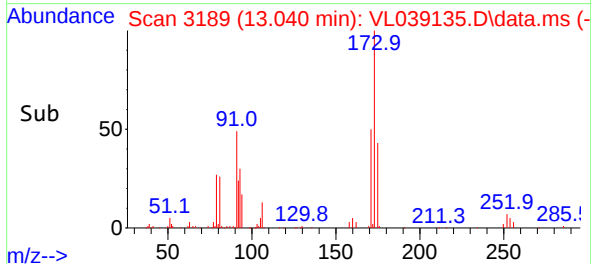
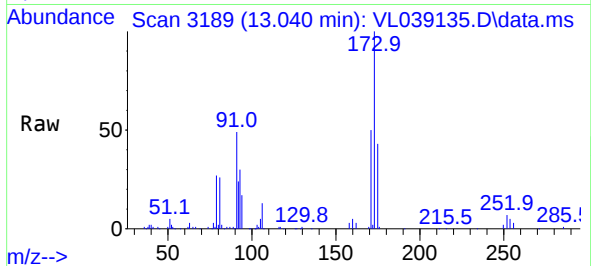
#49
Bromoform
Concen: 1.129 ppbv
RT: 13.040 min Scan# 3190
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument : MSVOA_L
ClientSampleId : VSTDIC001

Tgt Ion:173 Resp: 167329
Ion Ratio Lower Upper
173 100
175 51.0 40.2 60.2
171 54.0 43.9 65.9

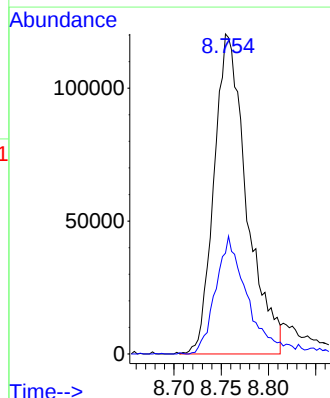
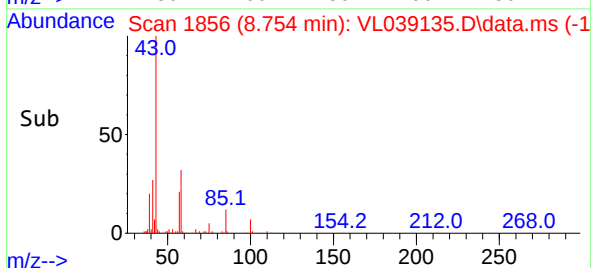
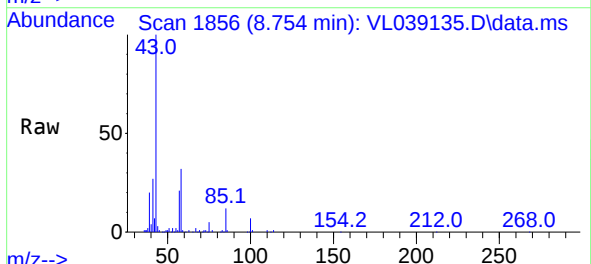
Manual Integrations
APPROVED

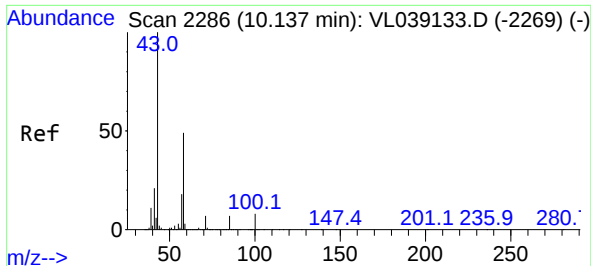
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#50
4-Methyl-2-Pentanone
Concen: 0.936 ppbv
RT: 8.754 min Scan# 1856
Delta R.T. 0.010 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

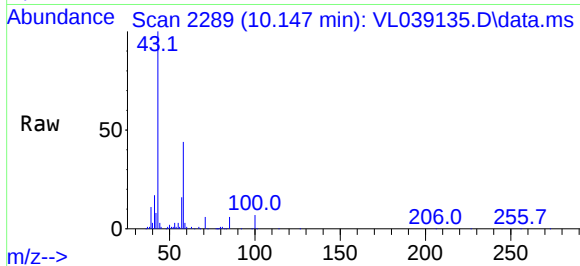
Tgt Ion: 43 Resp: 288803
Ion Ratio Lower Upper
43 100
58 38.3 28.7 43.1





#51
2-Hexanone
Concen: 0.953 ppbv
RT: 10.147 min Scan# 214589
Delta R.T. 0.010 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

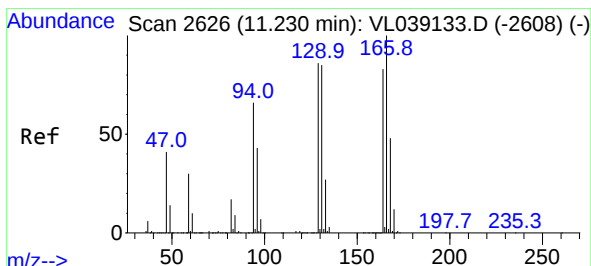
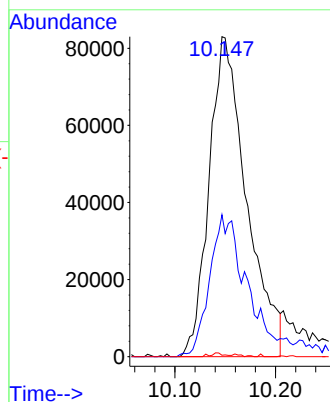
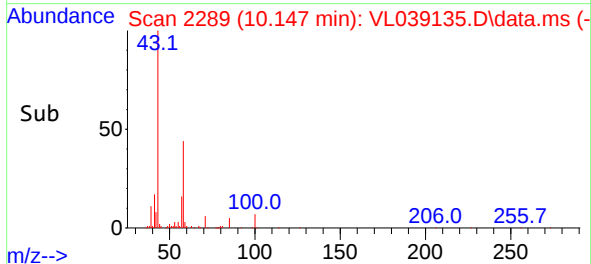
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



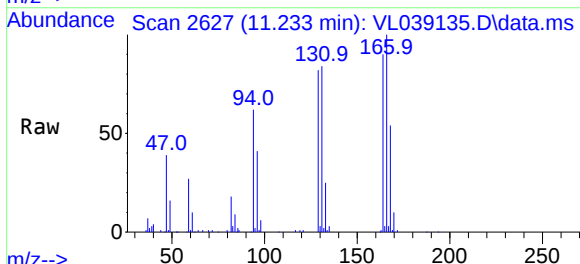
Tgt Ion: 43 Resp: 214589
Ion Ratio Lower Upper
43 100
58 50.1 40.0 60.0
98 0.4 0.1 0.1

Manual Integrations
APPROVED

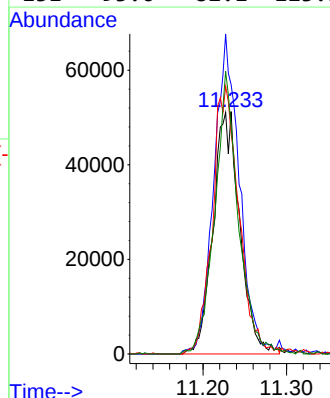
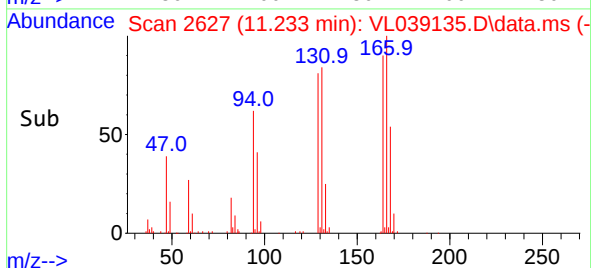
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

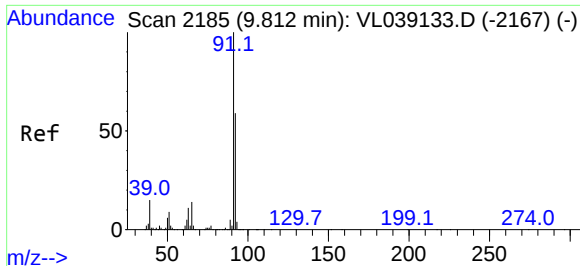


#52
Tetrachloroethene
Concen: 1.081 ppbv m
RT: 11.233 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



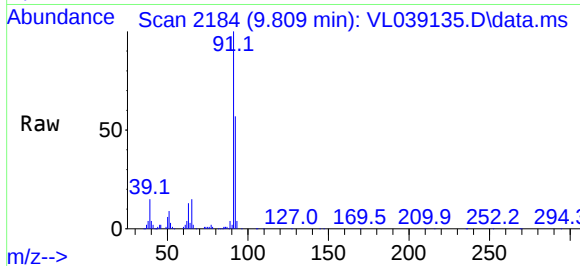
Tgt Ion:164 Resp: 114031
Ion Ratio Lower Upper
164 100
166 111.2 96.3 144.5
129 91.2 82.5 123.7
131 93.6 82.1 123.1





#53
Toluene
Concen: 1.017 ppbv
RT: 9.809 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

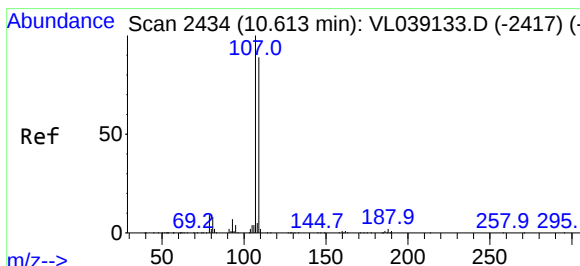
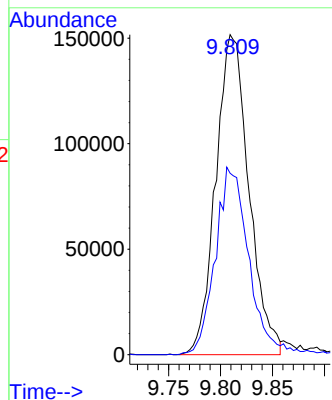
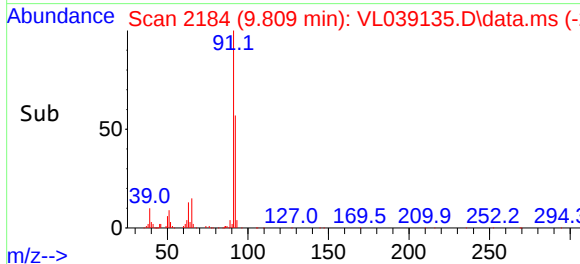
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



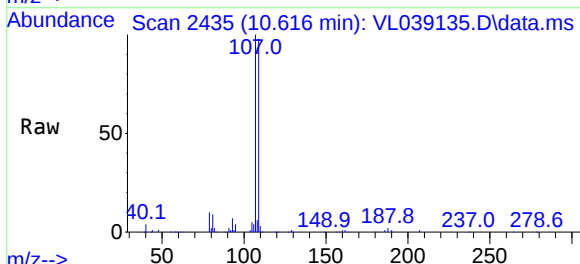
Tgt Ion: 91 Resp: 336294
Ion Ratio Lower Upper
91 100
92 60.6 48.1 72.1

Manual Integrations
APPROVED

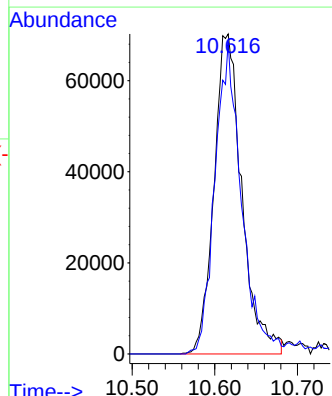
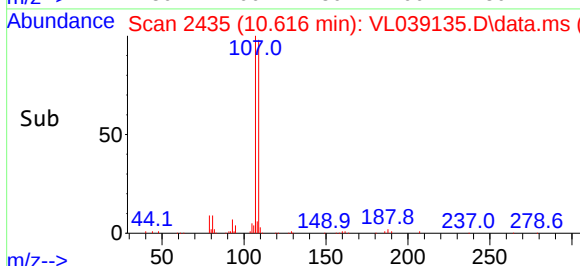
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

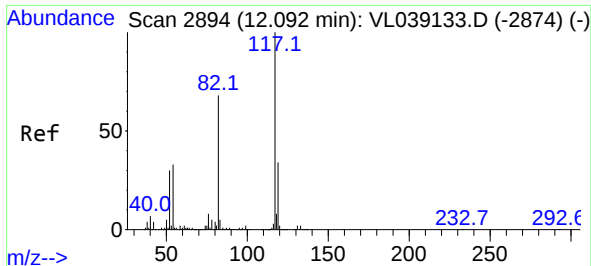


#54
1,2-Dibromoethane
Concen: 1.012 ppbv m
RT: 10.616 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion:107 Resp: 164615
Ion Ratio Lower Upper
107 100
109 97.7 71.4 107.0





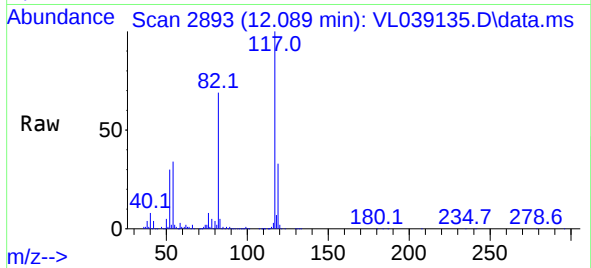
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

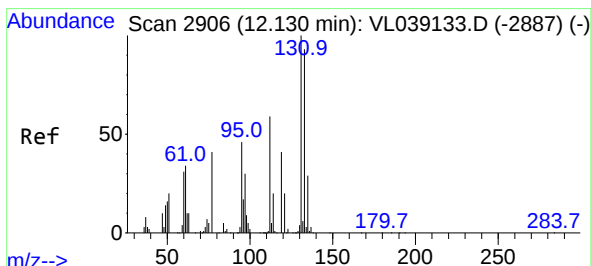
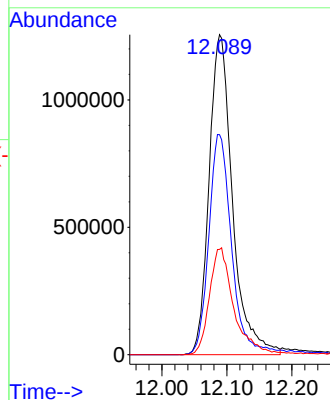
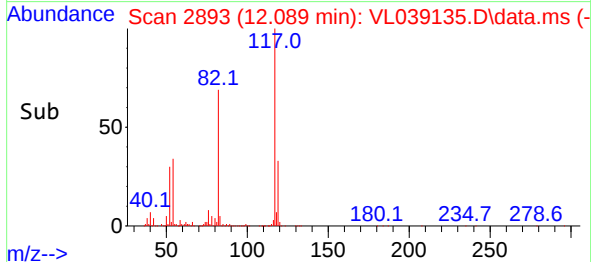


Tgt Ion:117 Resp: 3143099
Ion Ratio Lower Upper
117 100
82 68.6 55.1 82.7
119 35.3 24.7 37.1

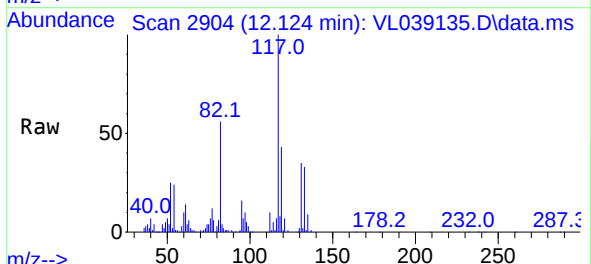
Manual Integrations

APPROVED

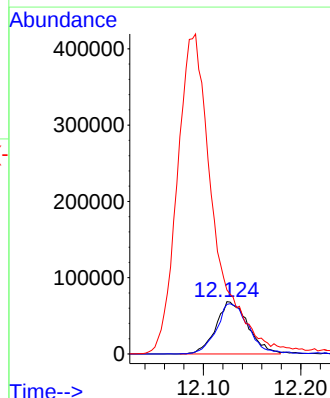
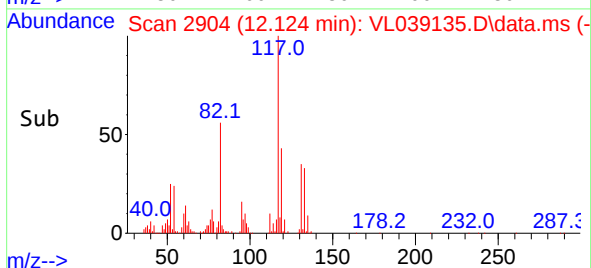
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

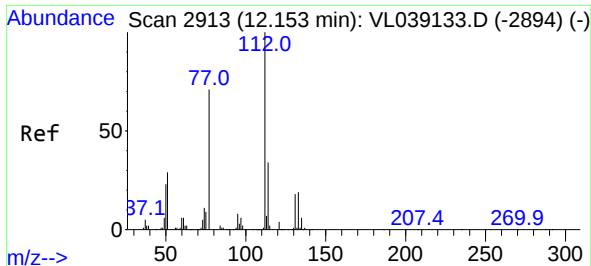


#56
1,1,1,2-Tetrachloroethane
Concen: 1.142 ppbv
RT: 12.124 min Scan# 2904
Delta R.T. -0.006 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion:131 Resp: 157442
Ion Ratio Lower Upper
131 100
133 95.7 78.6 117.8
119 700.0 51.7 77.5#





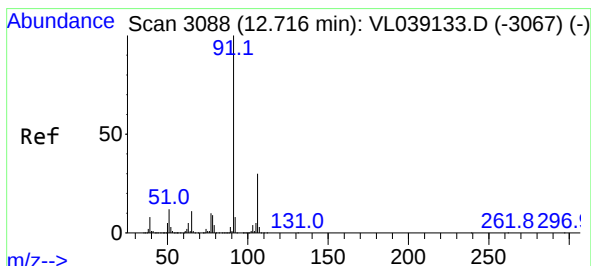
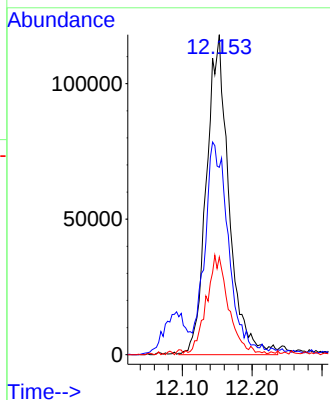
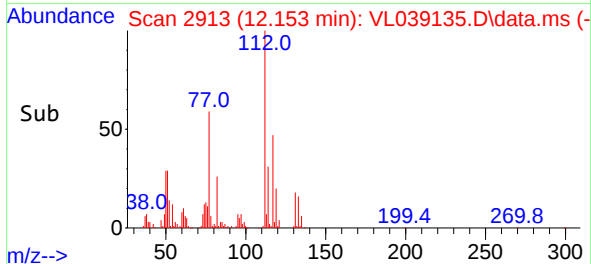
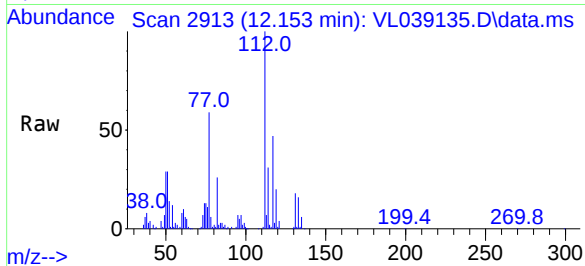
#57
Chlorobenzene
Concen: 1.123 ppbv m
RT: 12.153 min Scan# 2913
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 112 Resp: 26454
Ion Ratio Lower Upper
112 100
77 58.5 56.5 84.7
114 30.5 30.3 37.1

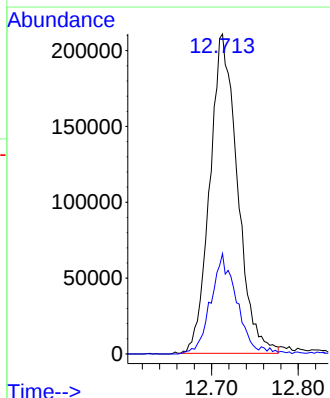
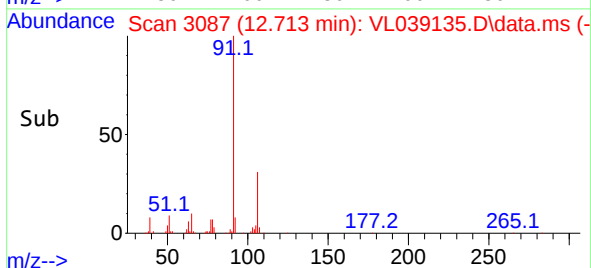
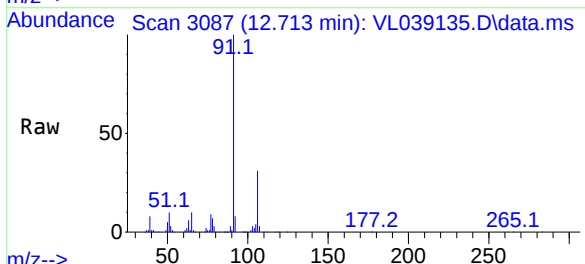
Manual Integrations
APPROVED

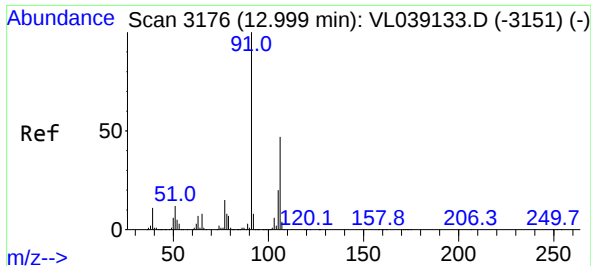
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#58
Ethyl Benzene
Concen: 1.033 ppbv
RT: 12.713 min Scan# 3087
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Tgt Ion: 91 Resp: 467161
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4





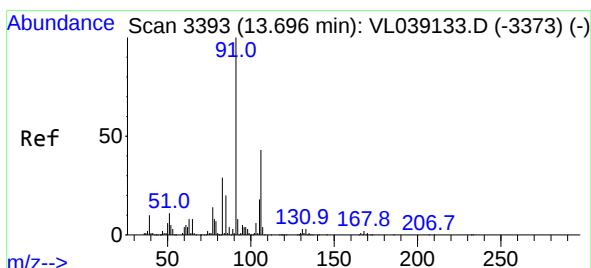
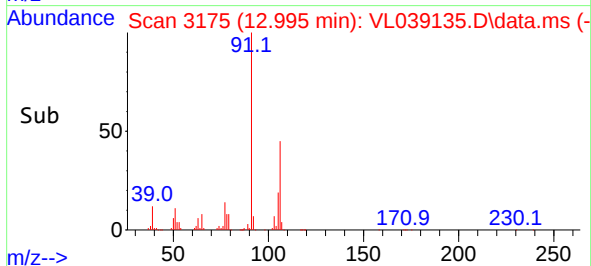
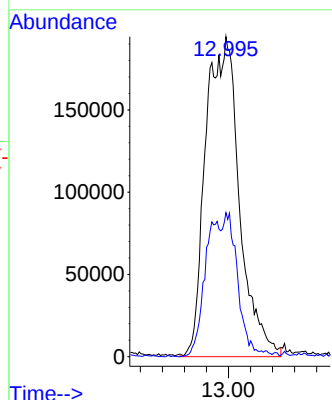
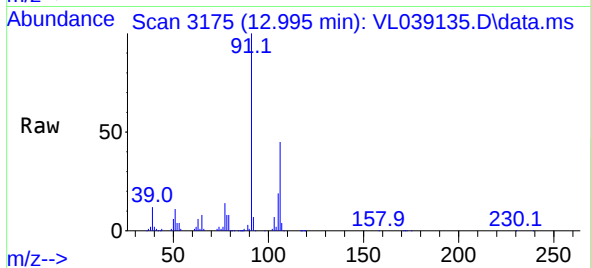
#59
m/p-Xylene
Concen: 2.137 ppbv m
RT: 12.995 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 825390
Ion Ratio Lower Upper
91 100
106 41.6 34.3 51.5

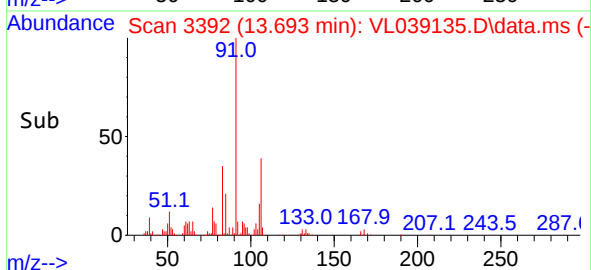
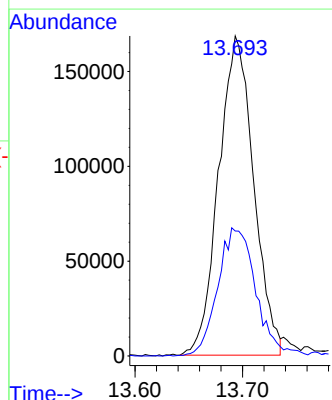
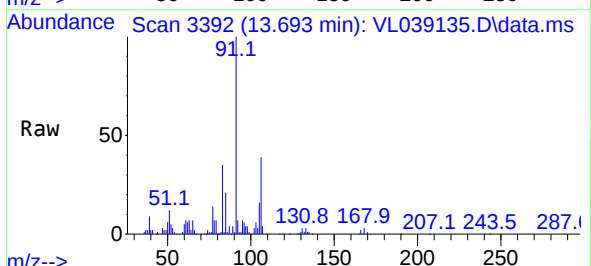
Manual Integrations
APPROVED

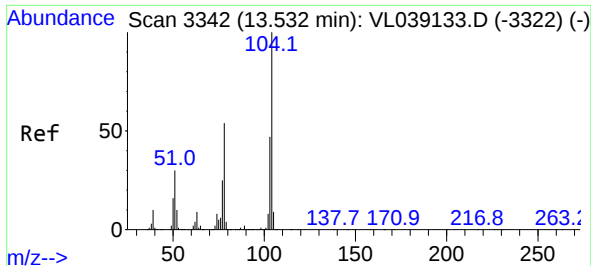
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#60
o-Xylene
Concen: 1.048 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Tgt Ion: 91 Resp: 381004
Ion Ratio Lower Upper
91 100
106 44.5 22.3 66.9





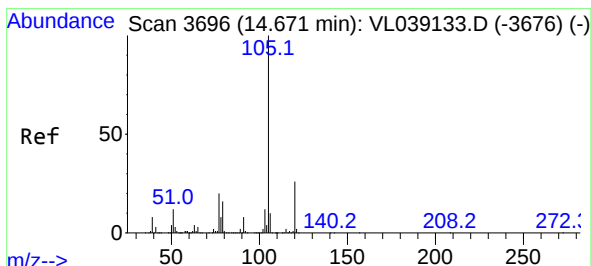
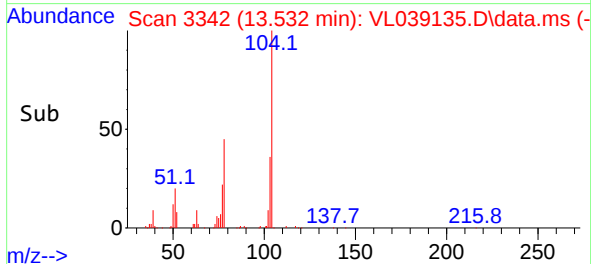
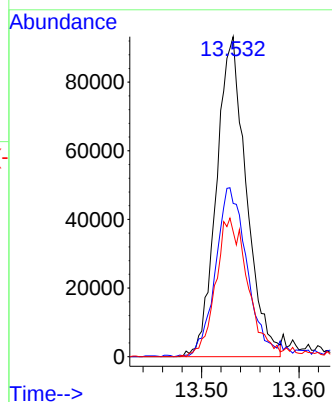
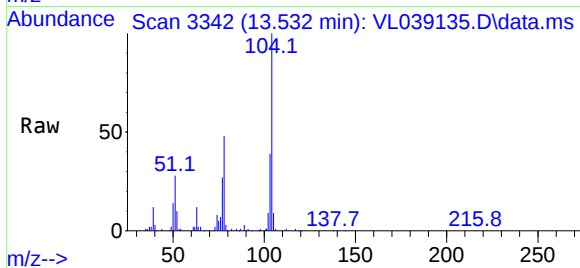
#61
Styrene
Concen: 1.023 ppbv
RT: 13.532 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 19844
Ion Ratio Lower Upper
104 100
78 59.0 45.7 68.5
103 48.3 39.6 59.4

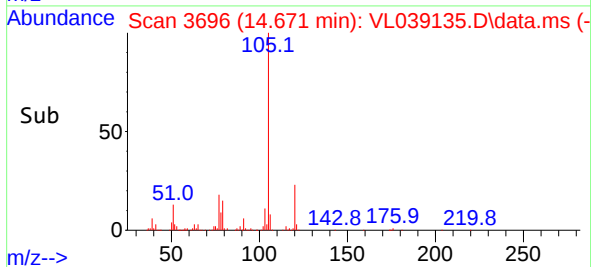
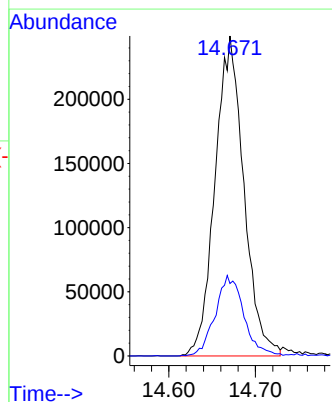
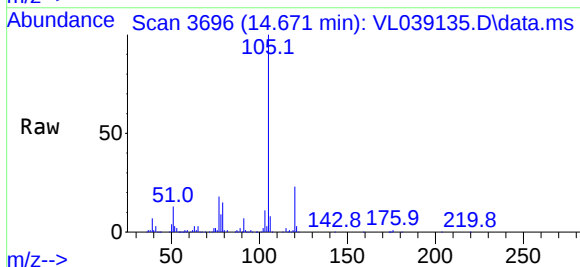
Manual Integrations
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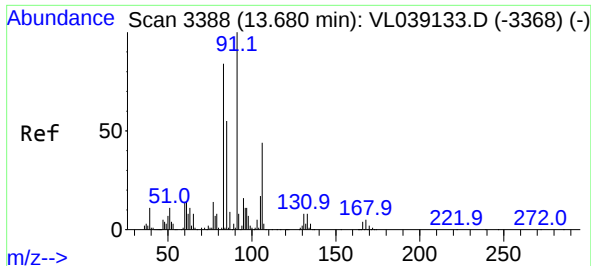
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#62
Isopropylbenzene
Concen: 1.084 ppbv
RT: 14.671 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

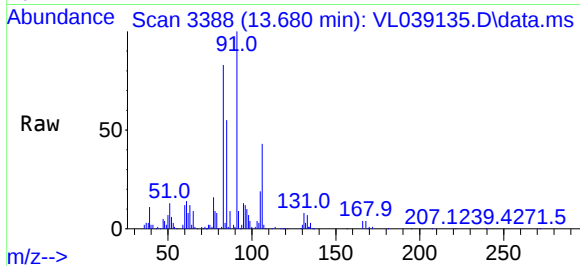
Tgt Ion:105 Resp: 575915
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.908 ppbv
RT: 13.680 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

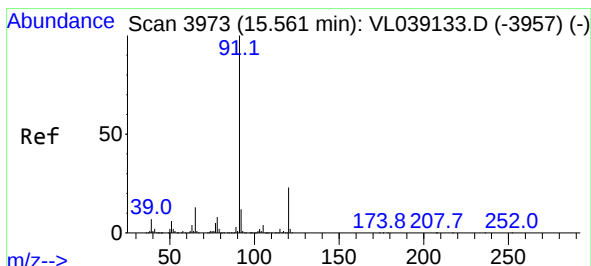
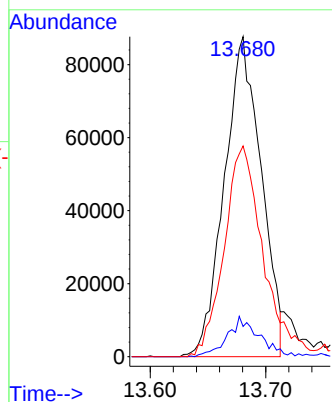
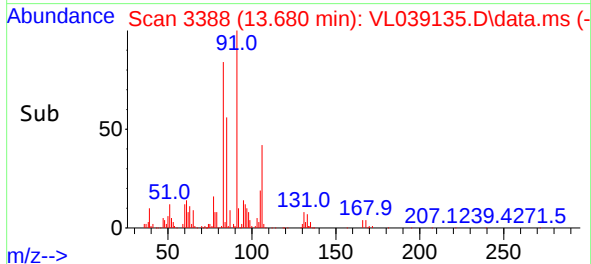
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



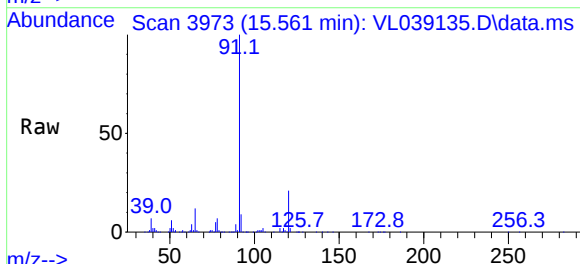
Tgt Ion: 83 Resp: 19426
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.3
85 72.4 33.0 99.0

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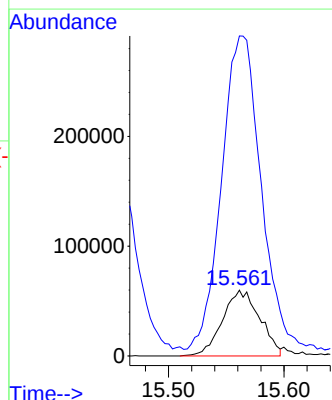
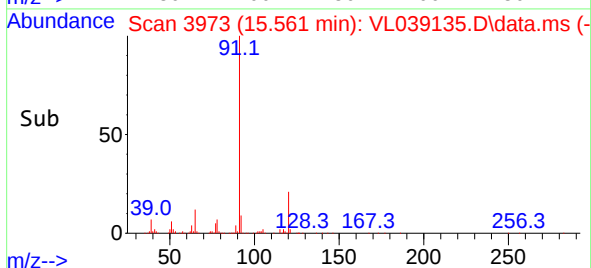
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

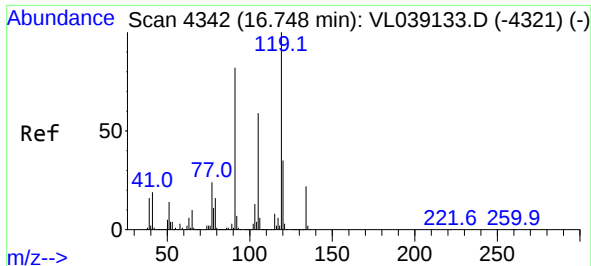


#64
n-propylbenzene
Concen: 1.046 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion:120 Resp: 134424
Ion Ratio Lower Upper
120 100
91 541.8 388.4 582.6





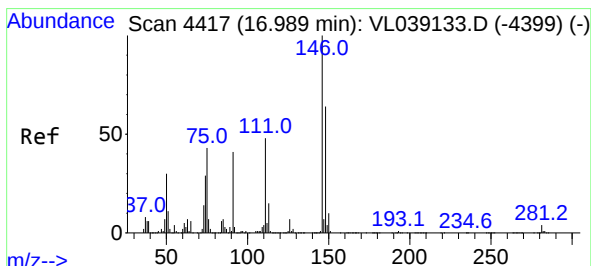
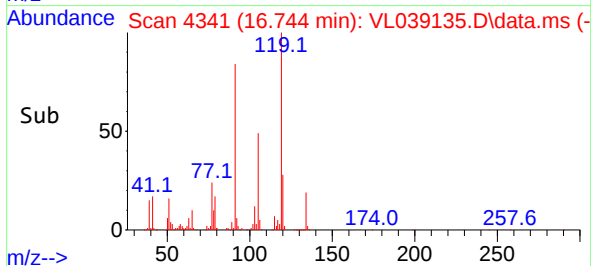
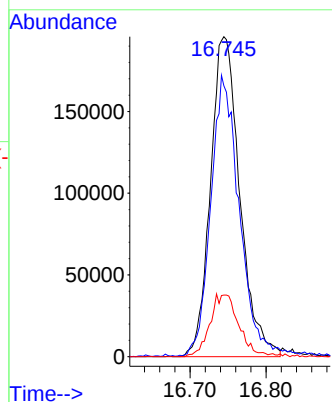
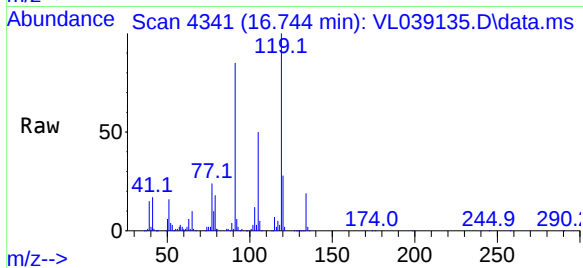
#65
tert-Butylbenzene
Concen: 1.125 ppbv
RT: 16.744 min Scan# 4119
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 119 Resp: 524004
Ion Ratio Lower Upper
119 100
91 86.1 67.1 100.7
134 19.3 15.8 23.8

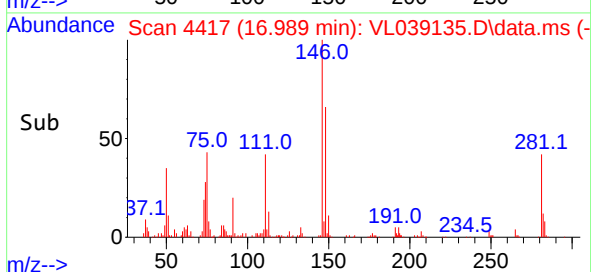
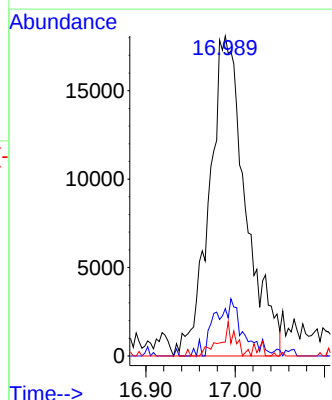
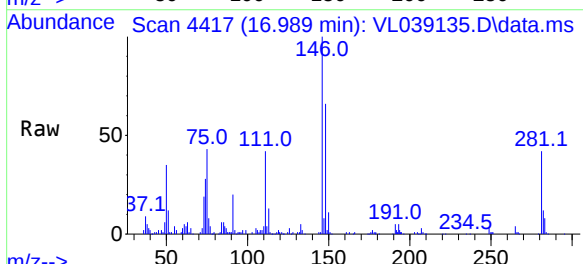
Manual Integrations
APPROVED

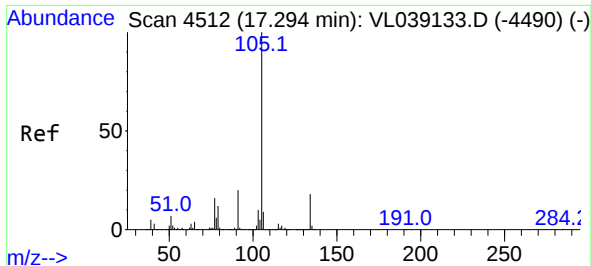
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#66
Benzyl Chloride
Concen: 0.836 ppbv m
RT: 16.989 min Scan# 4417
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Tgt Ion: 91 Resp: 50886
Ion Ratio Lower Upper
91 100
126 13.9 13.4 20.0
128 5.4 4.1 6.1





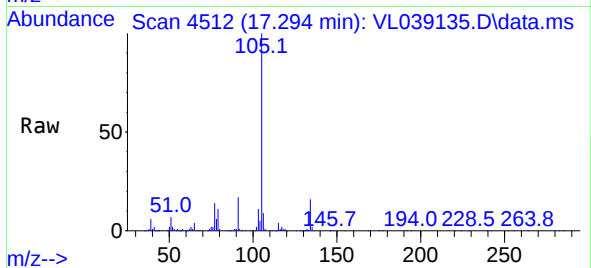
#67
 sec-Butylbenzene
 Concen: 1.089 ppbv
 RT: 17.294 min Scan# 4512
 Delta R.T. 0.000 min
 Lab File: VL039135.D
 Acq: 31 May 2022 17:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

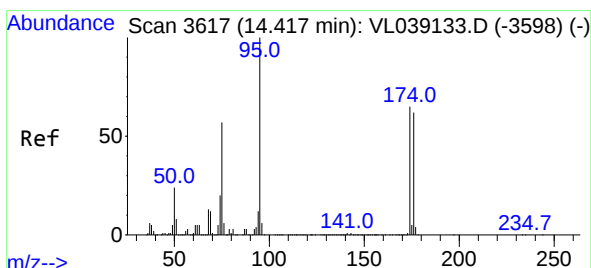
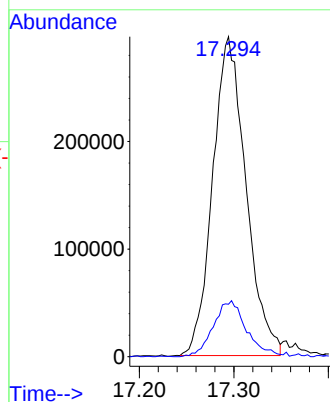
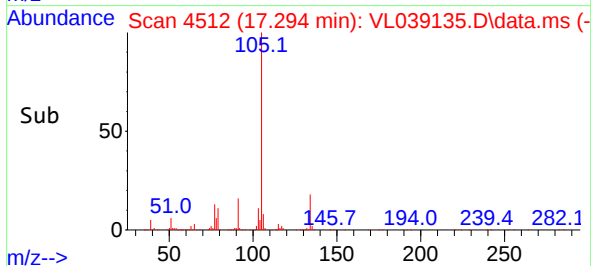


Tgt Ion: 105 Resp: 724478
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.4 21.6

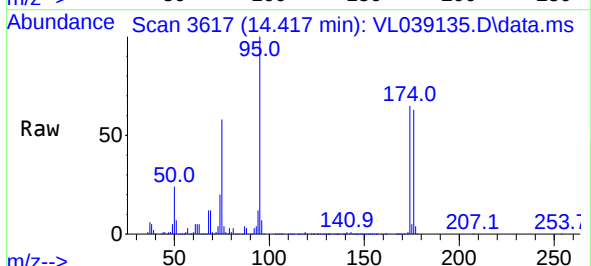
Manual Integrations

APPROVED

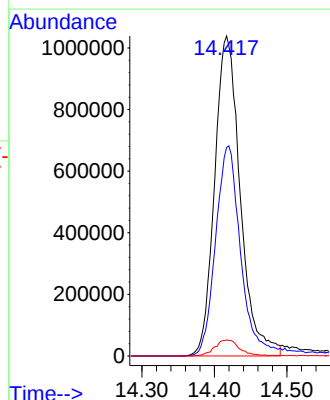
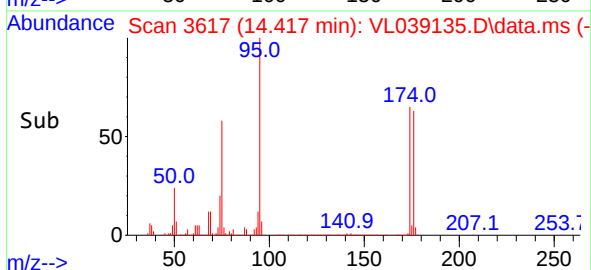
Reviewed By : Semsettin Yesilyurt 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

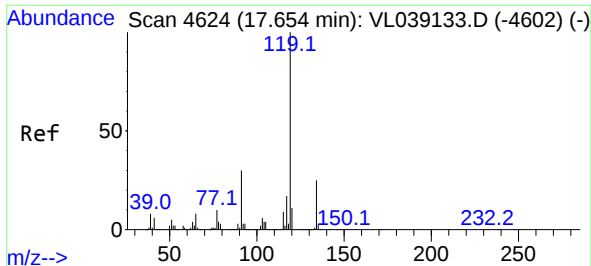


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.264 ppbv
 RT: 14.417 min Scan# 3617
 Delta R.T. 0.000 min
 Lab File: VL039135.D
 Acq: 31 May 2022 17:36



Tgt Ion: 95 Resp: 2554934
 Ion Ratio Lower Upper
 95 100
 174 67.4 53.8 80.8
 175 5.0 4.1 6.1





#69

p-Isopropyltoluene

Concen: 1.115 ppbv

RT: 17.651 min Scan# 4624

Delta R.T. -0.003 min

Lab File: VL039135.D

Acq: 31 May 2022 17:36

Instrument :

MSVOA_L

ClientSampleId :

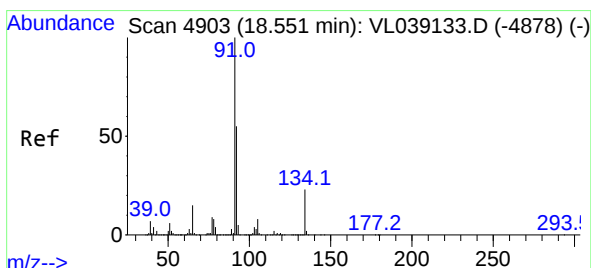
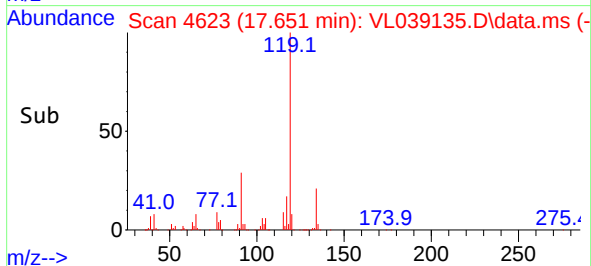
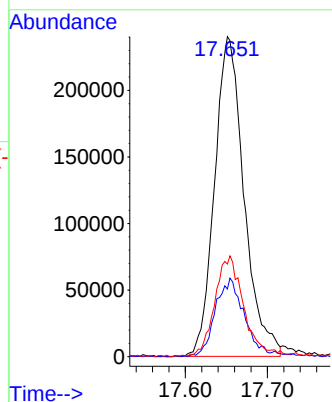
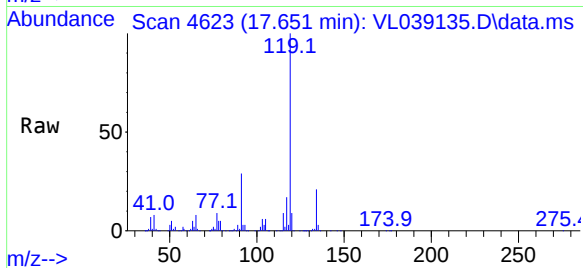
VSTDIC001

Tgt Ion:	119	Resp:	599554
Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.4	30.6
91	31.4	24.2	36.4

Manual Integrations

APPROVED

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



#70

n-Butylbenzene

Concen: 1.076 ppbv

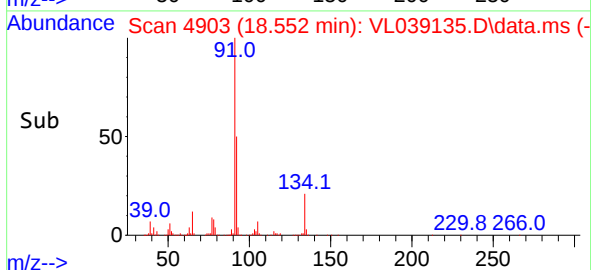
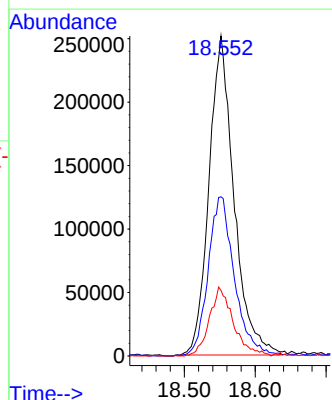
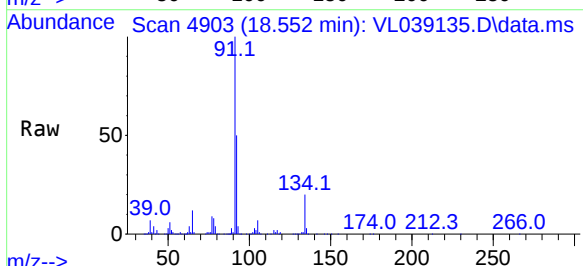
RT: 18.552 min Scan# 4903

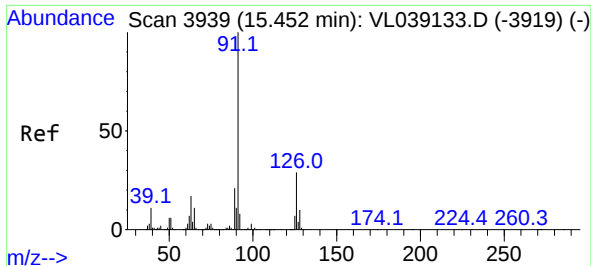
Delta R.T. 0.000 min

Lab File: VL039135.D

Acq: 31 May 2022 17:36

Tgt Ion:	91	Resp:	614514
Ion	Ratio	Lower	Upper
91	100		
92	53.0	43.6	65.4
134	21.1	17.7	26.5





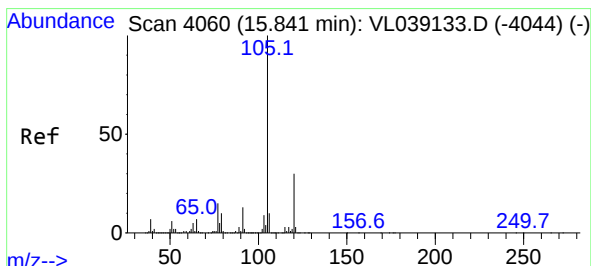
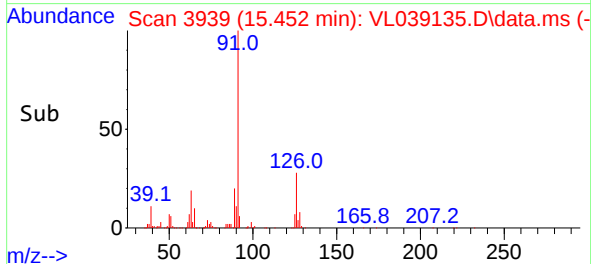
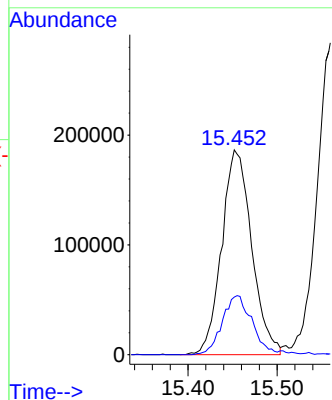
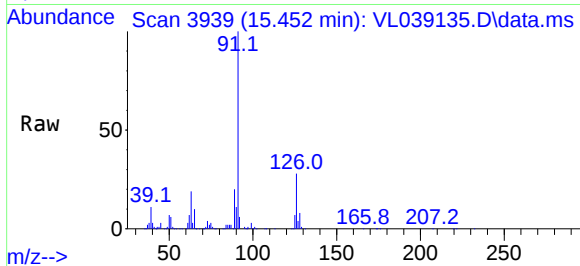
#71
2-Chlorotoluene
Concen: 1.066 ppbv
RT: 15.452 min Scan# 3939
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 436589
Ion Ratio Lower Upper
91 100
126 29.6 12.2 48.6

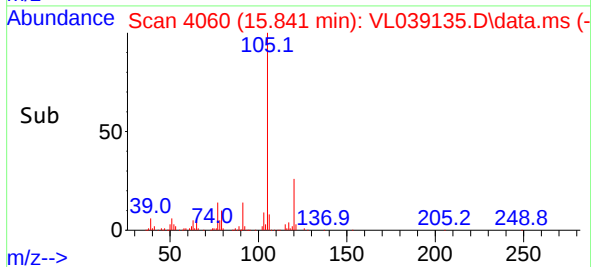
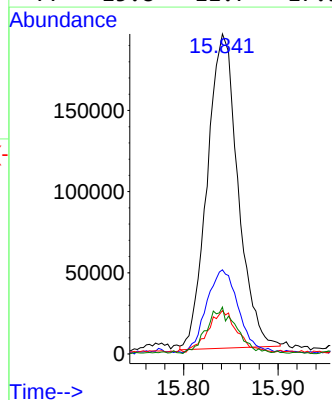
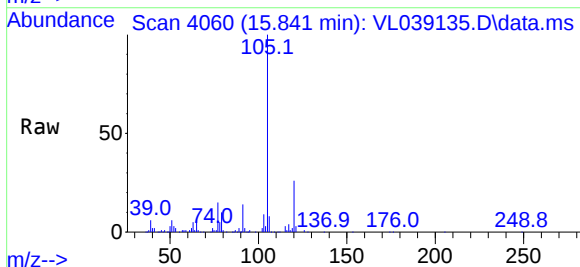
Manual Integrations
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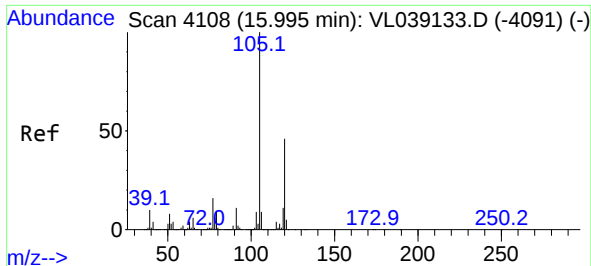
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#72
4-Ethyltoluene
Concen: 1.056 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

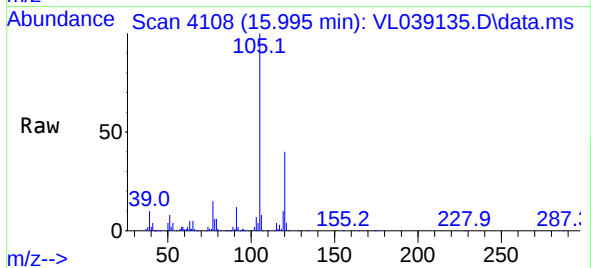
Tgt Ion:105 Resp: 437250
Ion Ratio Lower Upper
105 100
120 29.2 23.9 35.9
91 12.4 10.6 16.0
77 15.8 11.7 17.5





#73
1,3,5-Trimethylbenzene
Concen: 1.067 ppbv
RT: 15.995 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

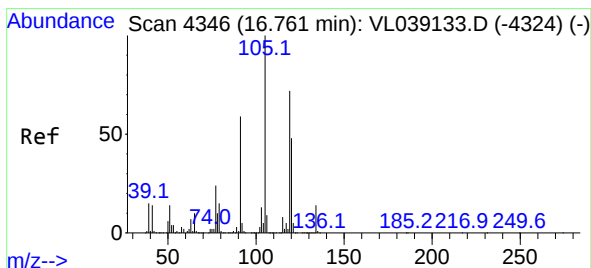
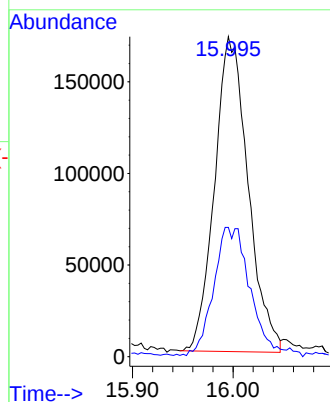
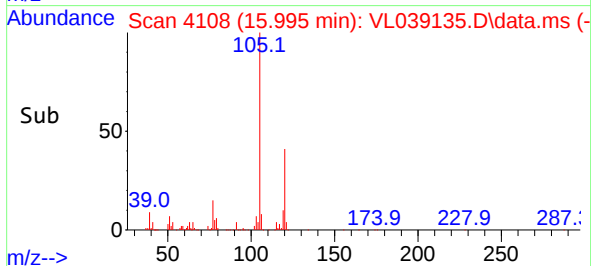
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



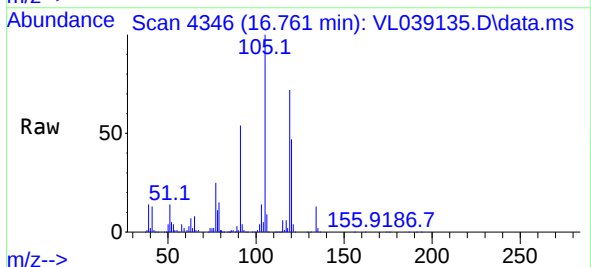
Tgt Ion:105 Resp: 397708
Ion Ratio Lower Upper
105 100
120 40.8 36.7 55.1

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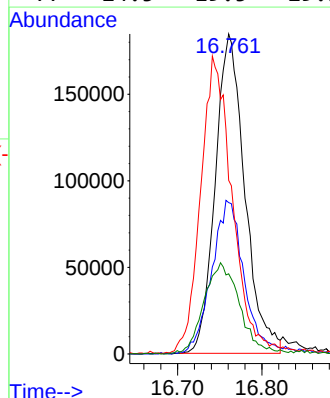
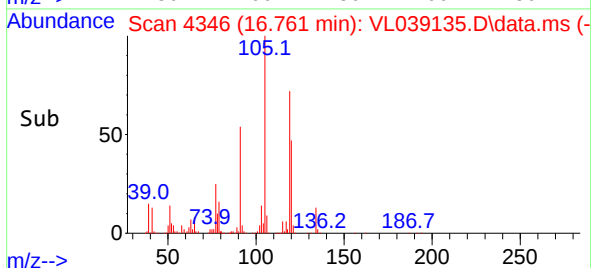
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

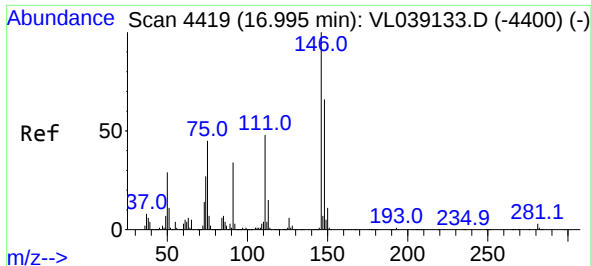


#74
1,2,4-Trimethylbenzene
Concen: 1.100 ppbv
RT: 16.761 min Scan# 4346
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



Tgt Ion:105 Resp: 449233
Ion Ratio Lower Upper
105 100
120 46.7 38.1 57.1
91 52.5 47.4 71.0
77 24.5 19.5 29.3





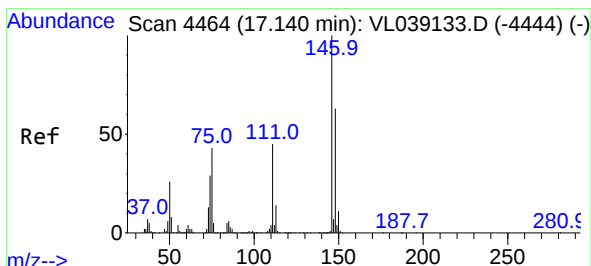
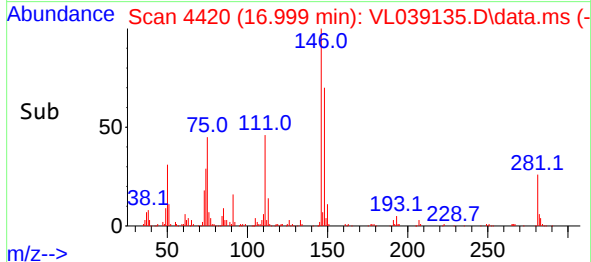
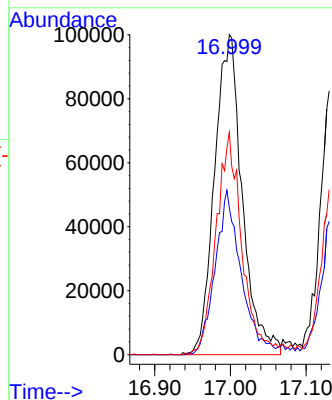
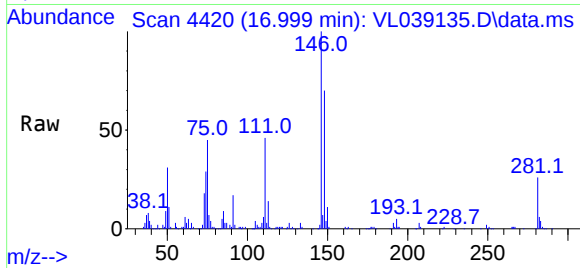
#75
1,3-Dichlorobenzene
Concen: 1.137 ppbv m
RT: 16.999 min Scan# 4419
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 25437
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.4
148 0.0 32.4 97.0

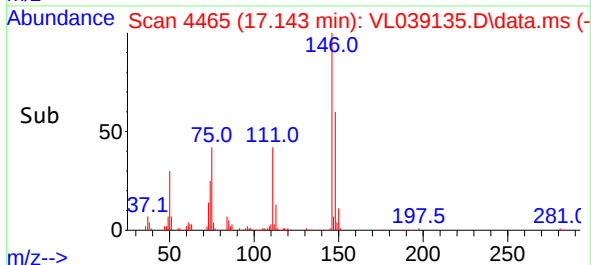
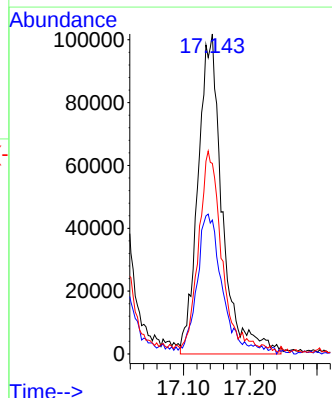
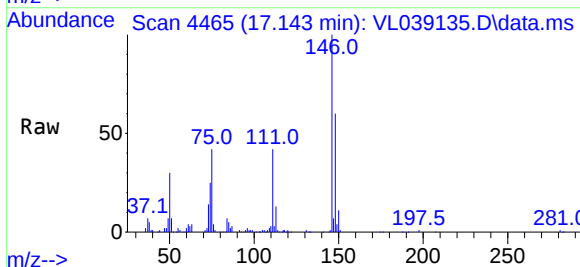
Manual Integrations
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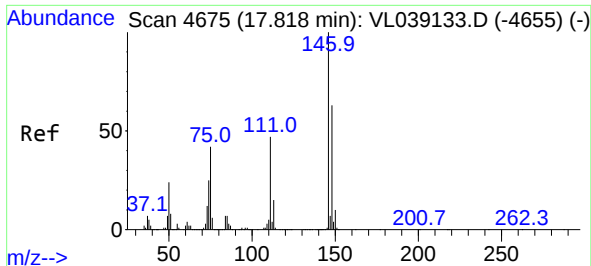
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#76
1,4-Dichlorobenzene
Concen: 1.173 ppbv m
RT: 17.143 min Scan# 4465
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

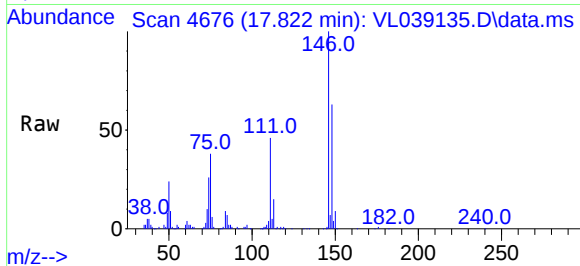
Tgt Ion:146 Resp: 258175
Ion Ratio Lower Upper
146 100
111 45.7 23.6 71.0
148 61.2 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 1.183 ppbv m
RT: 17.822 min Scan# 4675
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

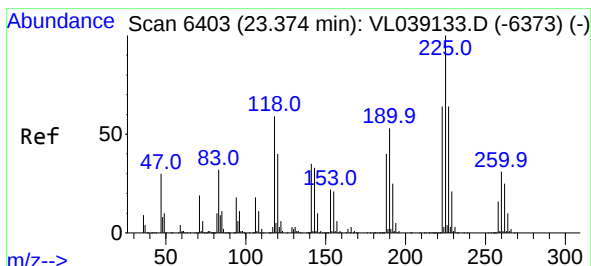
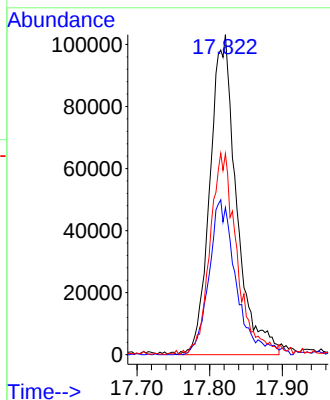
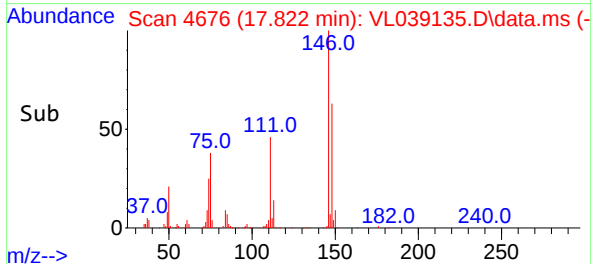
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



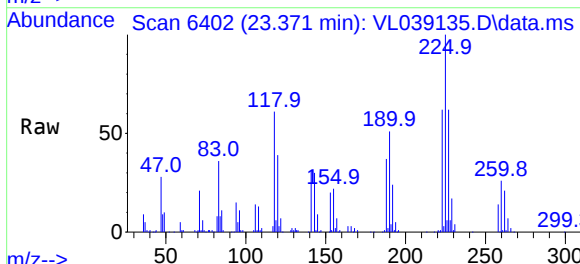
Tgt Ion:146 Resp: 26179
Ion Ratio Lower Upper
146 100
111 49.8 24.4 73.4
148 65.7 32.1 96.5

Manual Integrations
APPROVED

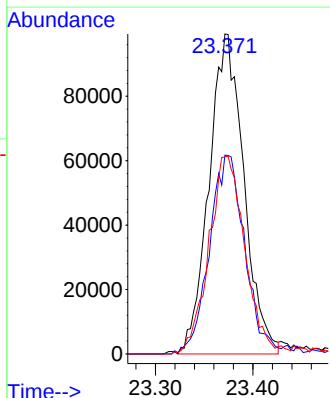
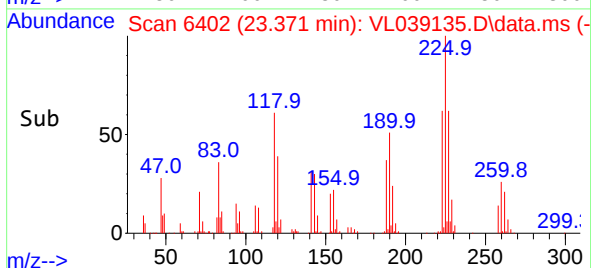
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

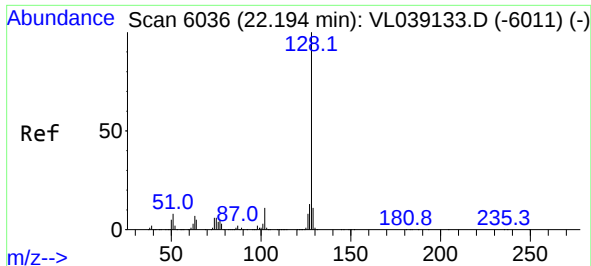


#78
Hexachloro-1,3-Butadiene
Concen: 1.211 ppbv
RT: 23.371 min Scan# 6402
Delta R.T. -0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



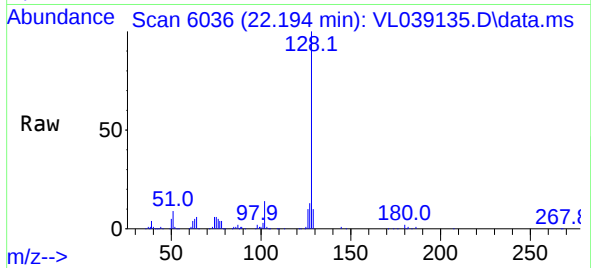
Tgt Ion:225 Resp: 246247
Ion Ratio Lower Upper
225 100
223 65.5 51.4 77.0
227 64.8 50.6 75.8





#79
Naphthalene
Concen: 1.036 ppbv
RT: 22.194 min Scan# 6036
Delta R.T. 0.000 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36

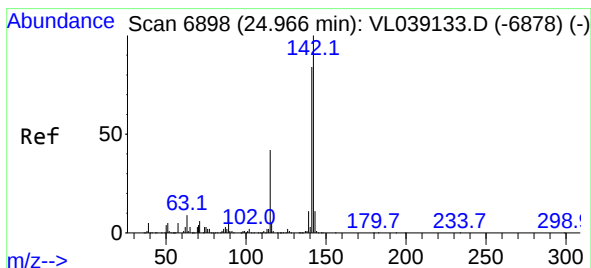
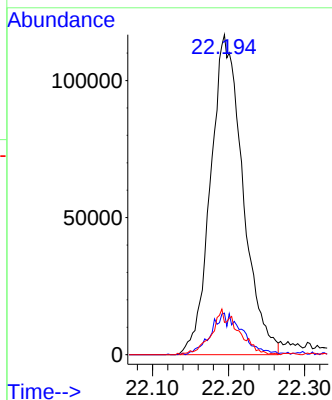
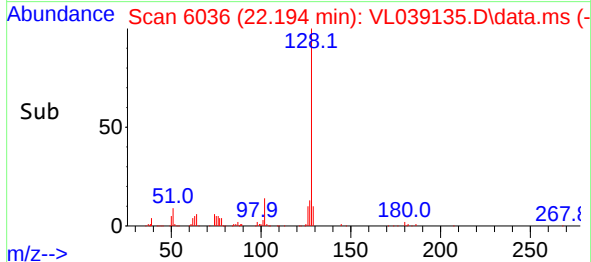
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



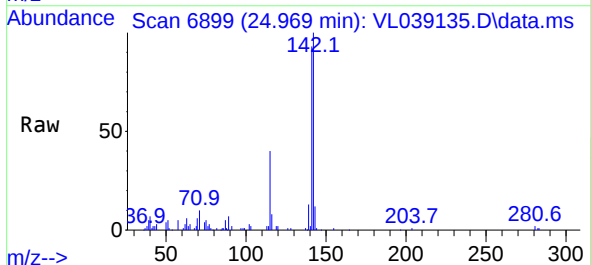
Tgt Ion:128 Resp: 34339
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 9.9 9.0 13.6

Manual Integrations
APPROVED

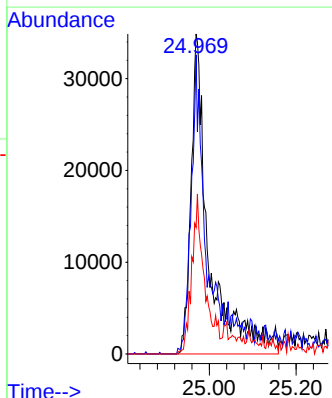
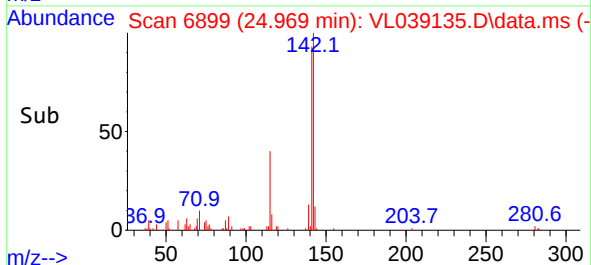
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

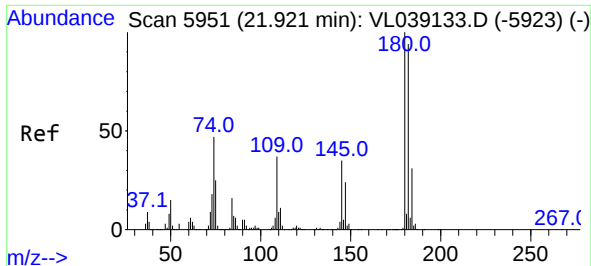


#80
Naphthalene,2-methyl-
Concen: 1.013 ppbv m
RT: 24.969 min Scan# 6899
Delta R.T. 0.003 min
Lab File: VL039135.D
Acq: 31 May 2022 17:36



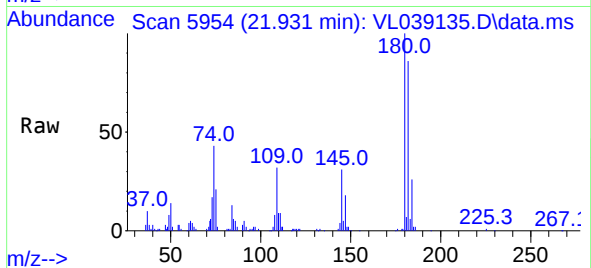
Tgt Ion:142 Resp: 101588
Ion Ratio Lower Upper
142 100
141 80.2 64.6 96.8
115 35.6 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 1.066 ppbv
 RT: 21.931 min Scan# 5954
 Delta R.T. 0.010 min
 Lab File: VL039135.D
 Acq: 31 May 2022 17:36

Instrument : MSVOA_L
 ClientSampleId : VSTDIC001



Tgt Ion:180	Resp: 207119
Ion Ratio	Lower Upper
180	100
182	97.3 0.0 0.0
184	30.7 0.0 0.0

Manual Integrations
 APPROVED

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

