

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
 Data File : VL039134.D
 Acq On : 31 May 2022 16:54
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: May 31 19:51:28 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)

Internal Standards						
1) Bromochloromethane	5.674	49	1401984	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3549434	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	3348661	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.417 95 2614279 9.858 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	505252	2.300	ppbv	96
3) Chlorodifluoromethane	2.999	51	376268	2.163	ppbv	98
4) Chloromethane	3.150	50	197928	2.272	ppbv	97
5) Vinyl Chloride	3.266	62	175755	2.209	ppbv	96
6) Bromomethane	3.481	94	88293m	2.349	ppbv	
7) Chloroethane	3.568	64	61442	2.307	ppbv	90
8) Dichlorotetrafluoroethane	3.195	85	466074	2.341	ppbv	97
9) Propene	3.022	41	152942	2.013	ppbv	94
10) Heptane	8.127	43	389147	2.088	ppbv	99
11) Trichlorofluoromethane	3.957	101	453045	2.404	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.494	101	294609	2.269	ppbv	95
13) Ethanol	3.620	45	8212	1.527	ppbv #	100
14) Bromoethene	3.748	108	141988	2.652	ppbv	95
15) Acetone	3.858	43	280261	2.119	ppbv	92
16) 1,3-Butadiene	3.337	39	163859	2.157	ppbv	96
17) tert-Butyl alcohol	4.295	59	215431	2.119	ppbv	99
18) 1,1-Dichloroethene	4.298	96	141900	2.539	ppbv	96
19) Isopropyl Alcohol	3.973	45	136317	2.168	ppbv #	98
20) Methylene Chloride	4.353	84	134871	2.706	ppbv	92
21) Allyl Chloride	4.420	41	197777	2.195	ppbv	99
22) trans-1,2-Dichloroethene	4.893	96	127577	2.114	ppbv	98
23) Vinyl Acetate	5.079	43	246907	2.360	ppbv #	97
24) 1,1-Dichloroethane	5.015	63	335211	2.782	ppbv	98
25) Ethyl Acetate	5.684	43	697657	2.204	ppbv	99
26) Hexane	5.690	57	320290	2.277	ppbv	97
27) Carbon Disulfide	4.555	76	303821	2.274	ppbv	99
28) Methyl tert-Butyl Ether	5.044	73	338971	3.168	ppbv	99
29) Chloroform	5.755	83	500467	2.199	ppbv	98
30) Cyclohexane	7.134	84	256292	2.177	ppbv	87
31) cis-1,2-Dichloroethene	5.555	61	296928	2.072	ppbv	94
32) 1,1,1-Trichloroethane	6.520	97	512364	2.252	ppbv	100
34) 2-Butanone	5.250	43	394753	2.180	ppbv	96
35) Carbon Tetrachloride	7.025	117	535028	2.288	ppbv	96
36) Benzene	6.896	78	611989	2.015	ppbv	98
37) 1,2-Dichloroethane	6.314	62	373677	1.988	ppbv	97
38) Trichloroethene	7.841	130	294643	2.182	ppbv	97
39) 1,2-Dichloropropane	7.619	63	239659	2.028	ppbv	95
40) 1,4-Dioxane	7.848	88	81498m	1.920	ppbv	
41) Tetrahydrofuran	6.060	42	245257m	2.015	ppbv	
42) Bromodichloromethane	7.793	83	555706	2.163	ppbv	98
43) Methyl Methacrylate	8.021	69	238259	1.932	ppbv	98
44) 2,2,4-Trimethylpentane	7.873	57	1059815	1.988	ppbv	98
45) t-1,3-Dichloropropene	9.282	75	230827	1.934	ppbv	96

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Instrument :
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 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

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

Quant Time: May 31 19:51:28 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

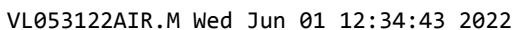
Response via : Initial Calibration

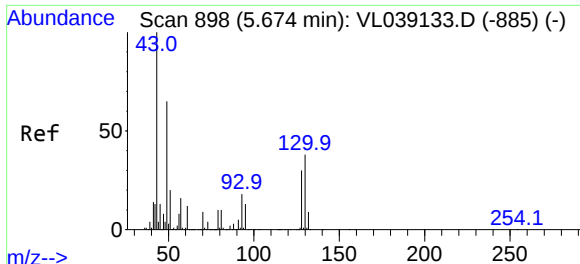
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	316746	2.001	ppbv	97
47) 1,1,2-Trichloroethane	9.481	97	248744	2.024	ppbv	96
48) Dibromochloromethane	10.307	129	443510	2.217	ppbv	100
49) Bromoform	13.040	173	379561	2.488	ppbv	96
50) 4-Methyl-2-Pentanone	8.748	43	617495	1.945	ppbv	98
51) 2-Hexanone	10.143	43	483060m	2.084	ppbv	
52) Tetrachloroethene	11.227	164	232143	2.139	ppbv	96
53) Toluene	9.809	91	713272	2.095	ppbv	99
54) 1,2-Dibromoethane	10.616	107	327356	1.956	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.127	131	325734	2.217	ppbv #	1
57) Chlorobenzene	12.150	112	522000	2.080	ppbv	94
58) Ethyl Benzene	12.712	91	980032	2.034	ppbv	98
59) m/p-Xylene	12.995	91	1717002m	4.173	ppbv	
60) o-Xylene	13.690	91	809591	2.091	ppbv	97
61) Styrene	13.529	104	426779	2.065	ppbv	99
62) Isopropylbenzene	14.667	105	1199861	2.119	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.680	83	432946	1.899	ppbv	100
64) n-propylbenzene	15.564	120	299885m	2.191	ppbv	
65) tert-Butylbenzene	16.744	119	1109836	2.237	ppbv	99
66) Benzyl Chloride	16.995	91	123833m	1.909	ppbv	
67) sec-Butylbenzene	17.294	105	1527978	2.156	ppbv	100
69) p-Isopropyltoluene	17.648	119	1303596	2.276	ppbv	99
70) n-Butylbenzene	18.551	91	1358774	2.233	ppbv	98
71) 2-Chlorotoluene	15.452	91	924022	2.117	ppbv	99
72) 4-Ethyltoluene	15.841	105	950052	2.153	ppbv	98
73) 1,3,5-Trimethylbenzene	15.999	105	872940	2.198	ppbv	92
74) 1,2,4-Trimethylbenzene	16.761	105	965634	2.220	ppbv	96
75) 1,3-Dichlorobenzene	16.995	146	532839	2.236	ppbv	99
76) 1,4-Dichlorobenzene	17.137	146	517796	2.209	ppbv	98
77) 1,2-Dichlorobenzene	17.818	146	539665	2.290	ppbv	100
78) Hexachloro-1,3-Butadiene	23.374	225	511907	2.363	ppbv	98
79) Naphthalene	22.191	128	800902	2.267	ppbv	99
80) Naphthalene,2-methyl-	24.969	142	271781	2.543	ppbv	99
81) 1,2,4-Trichlorobenzene	21.921	180	471291	2.276	ppbv #	100

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

Manual Integrations

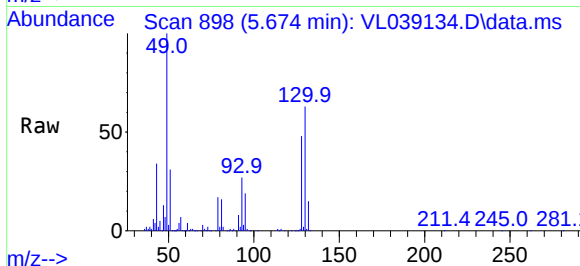
Quant Time: May 31 19:51:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

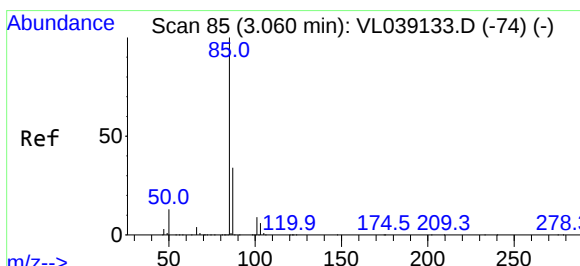
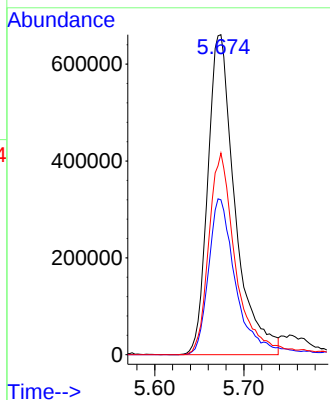
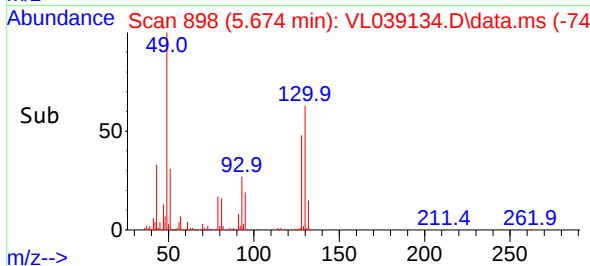
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



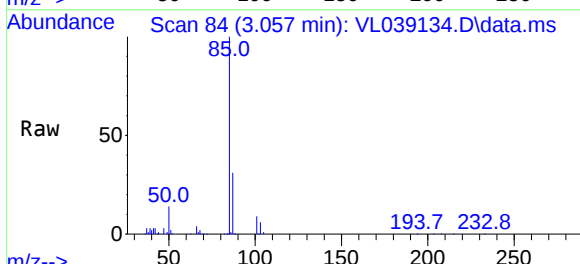
Tgt Ion: 49 Resp: 1401984
Ion Ratio Lower Upper
49 100
128 50.6 24.7 74.1
130 64.8 31.4 94.0

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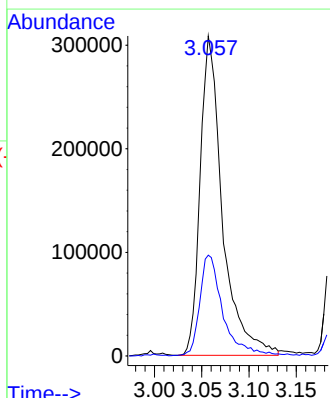
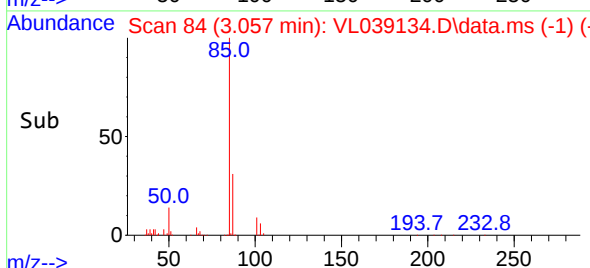
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

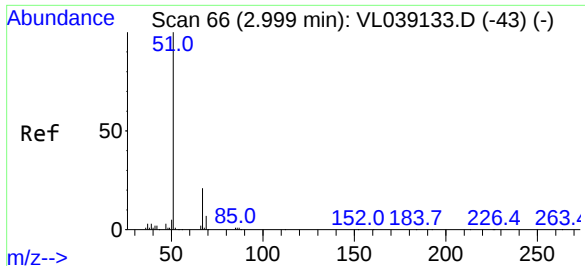


#2
Dichlorodifluoromethane
Concen: 2.300 ppbv
RT: 3.057 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



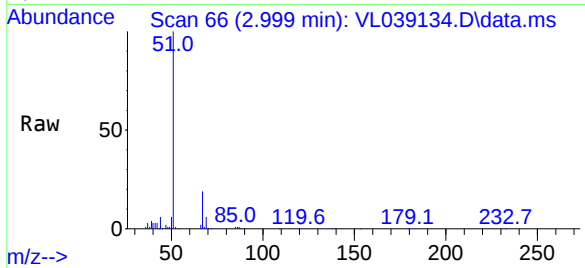
Tgt Ion: 85 Resp: 505252
Ion Ratio Lower Upper
85 100
87 31.3 26.9 40.3





#3
Chlorodifluoromethane
Concen: 2.163 ppbv
RT: 2.999 min Scan# 66
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

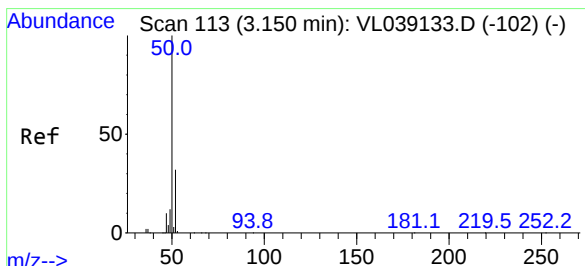
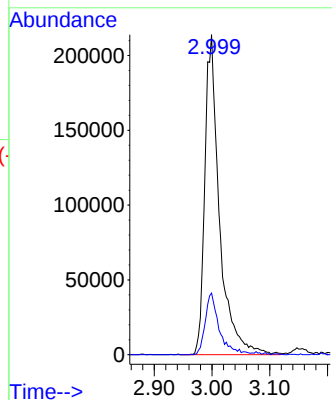
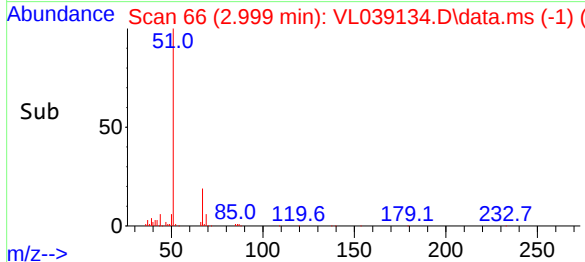
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



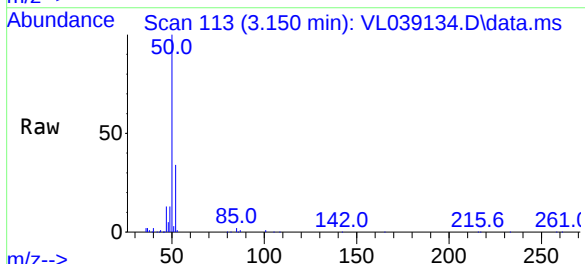
Tgt Ion: 51 Resp: 376268
Ion Ratio Lower Upper
51 100
67 19.2 16.2 24.4

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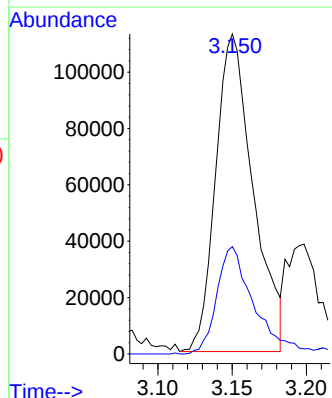
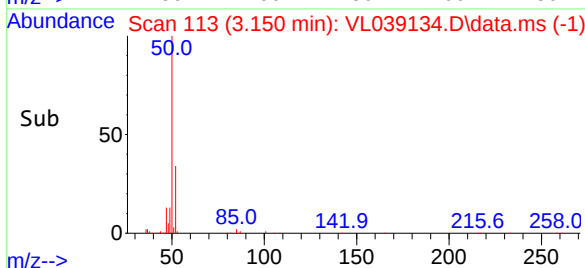
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

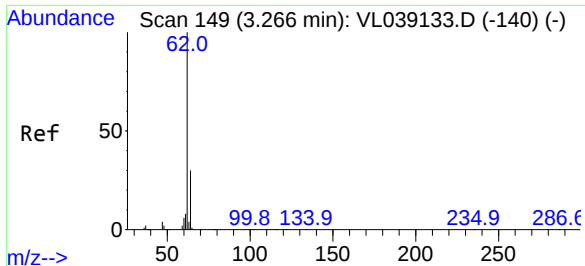


#4
Chloromethane
Concen: 2.272 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



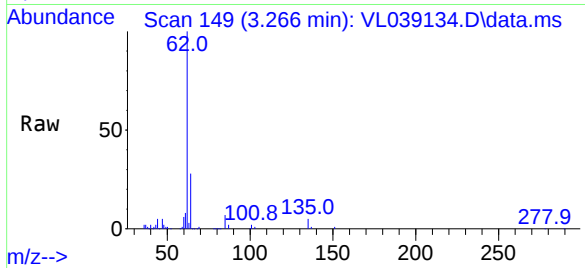
Tgt Ion: 50 Resp: 197928
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9





#5
 Vinyl Chloride
 Concen: 2.209 ppbv
 RT: 3.266 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54

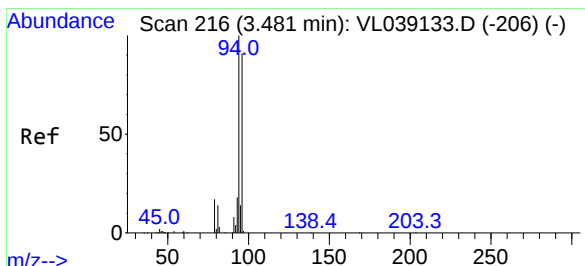
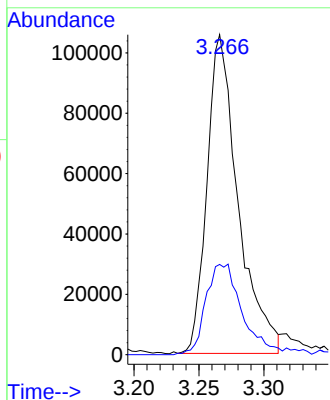
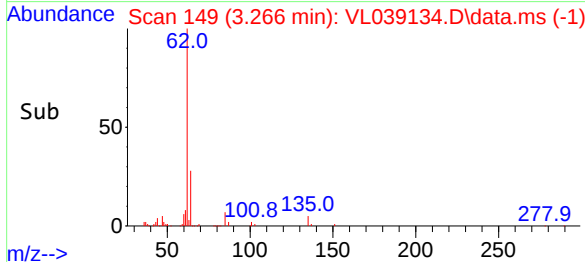
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



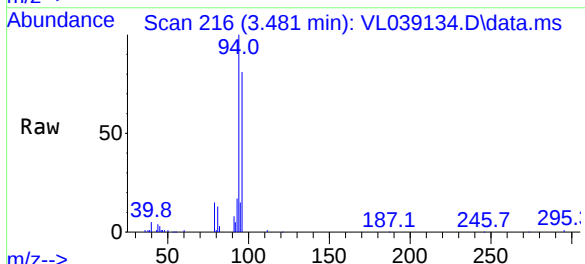
Tgt Ion: 62 Resp: 17575
 Ion Ratio Lower Upper
 62 100
 64 27.9 24.2 36.2

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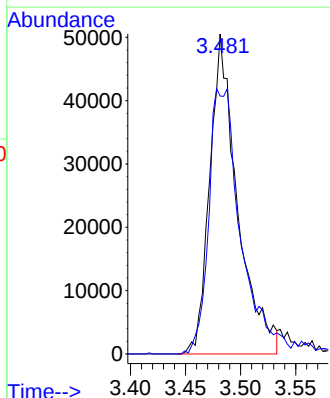
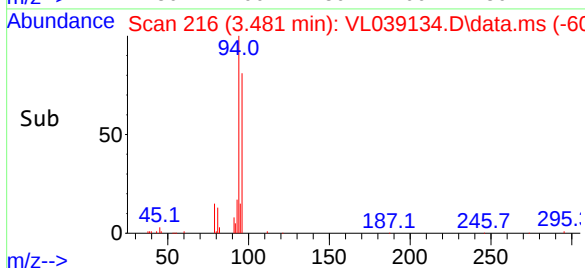
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

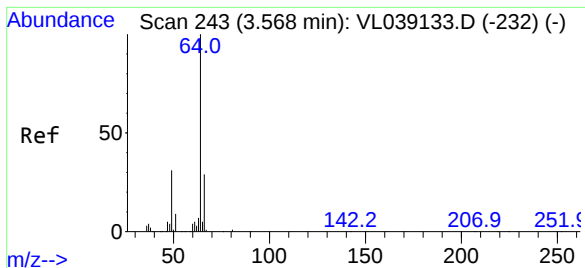


#6
 Bromomethane
 Concen: 2.349 ppbv m
 RT: 3.481 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54



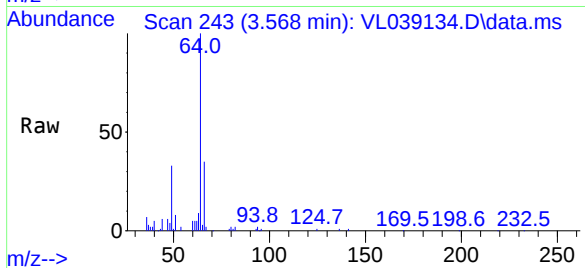
Tgt Ion: 94 Resp: 88293
 Ion Ratio Lower Upper
 94 100
 96 80.6 73.0 109.4





#7
Chloroethane
Concen: 2.307 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

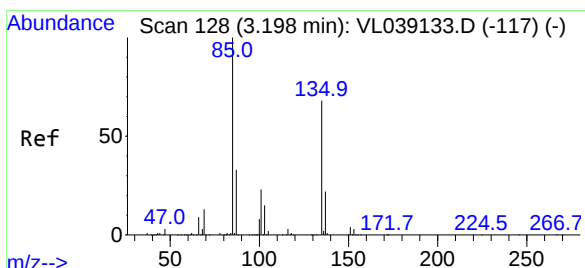
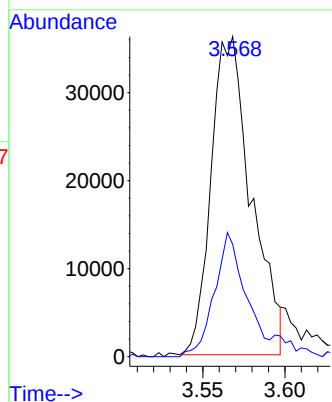
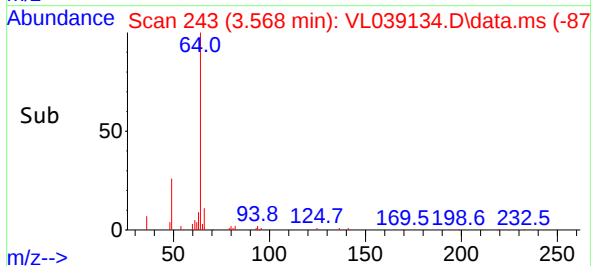
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



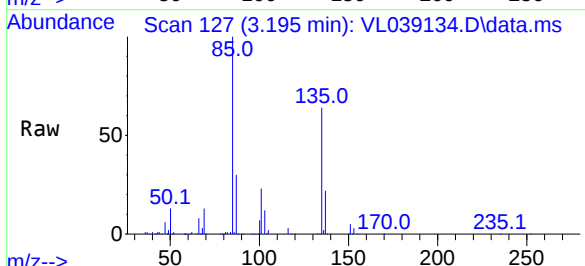
Tgt Ion: 64 Resp: 6144
Ion Ratio Lower Upper
64 100
66 35.1 23.6 35.4

Manual Integrations
APPROVED

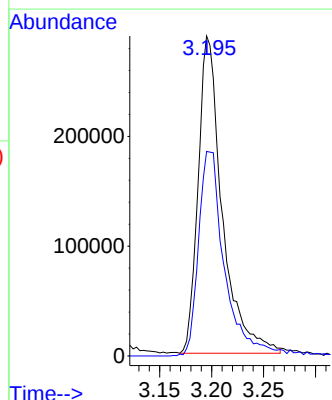
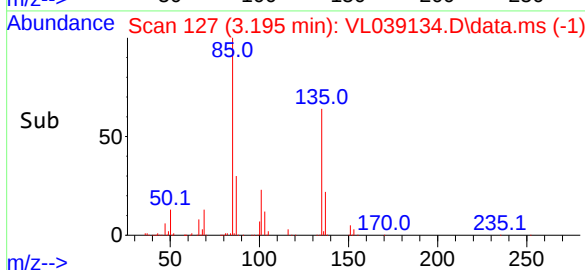
Reviewed By :Semsettin Yesilyurt 06/01/2022
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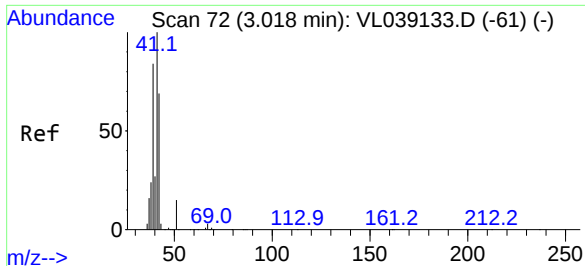


#8
Dichlorotetrafluoroethane
Concen: 2.341 ppbv
RT: 3.195 min Scan# 127
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



Tgt Ion: 85 Resp: 466074
Ion Ratio Lower Upper
85 100
135 71.3 55.0 82.4





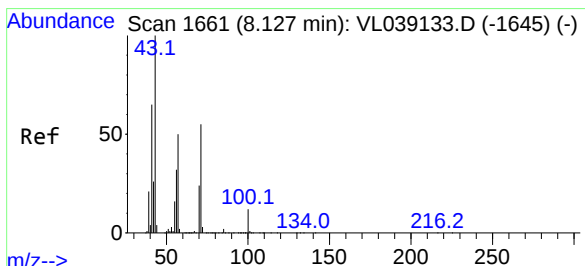
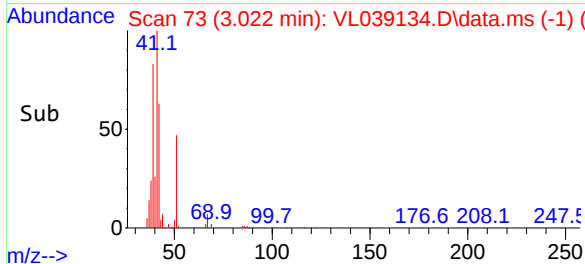
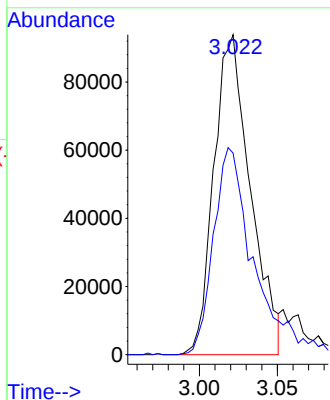
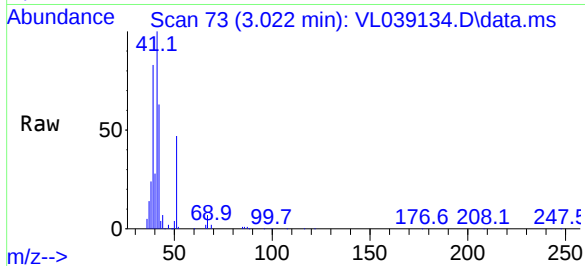
#9
Propene
Concen: 2.013 ppbv
RT: 3.022 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 15294
Ion Ratio Lower Upper
41 100
42 74.1 55.4 83.2

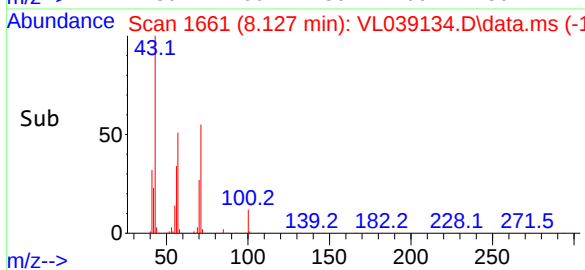
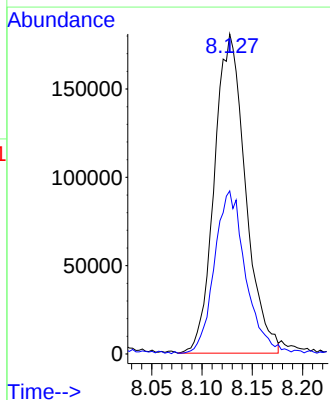
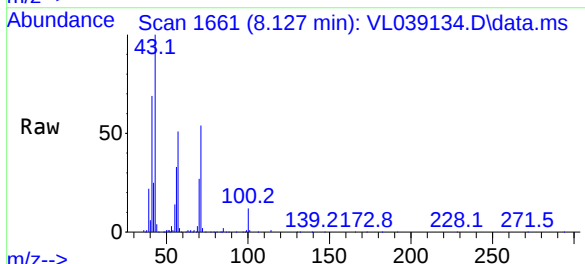
Manual Integrations
APPROVED

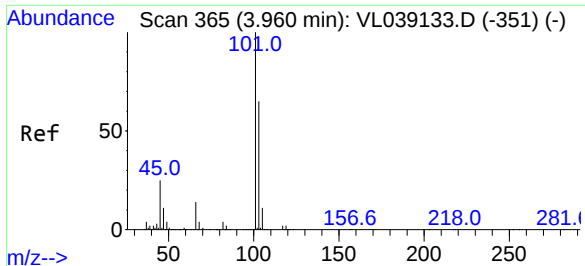
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#10
Heptane
Concen: 2.088 ppbv
RT: 8.127 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

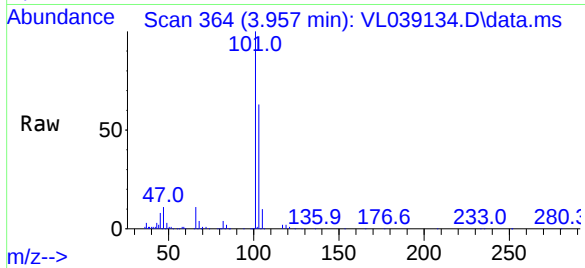
Tgt Ion: 43 Resp: 389147
Ion Ratio Lower Upper
43 100
57 52.4 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 2.404 ppbv
 RT: 3.957 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54

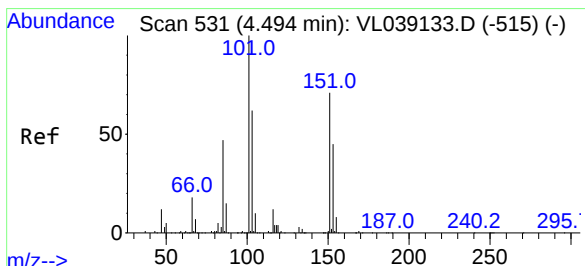
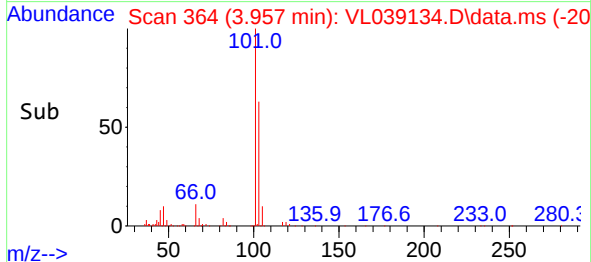
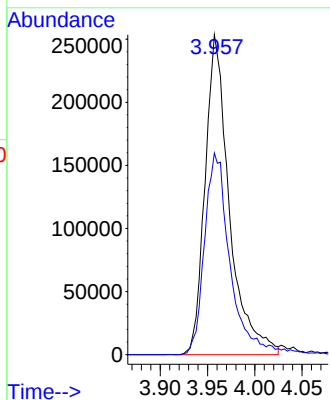
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:101 Resp: 453049
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.7 77.5

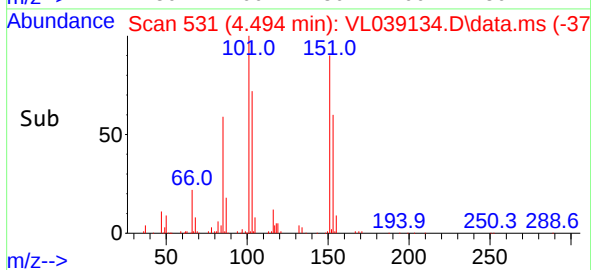
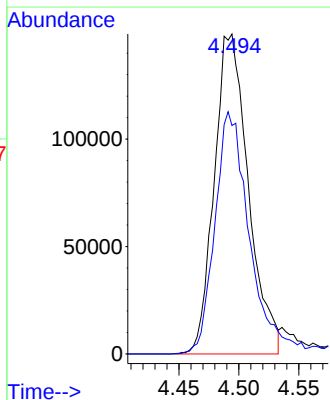
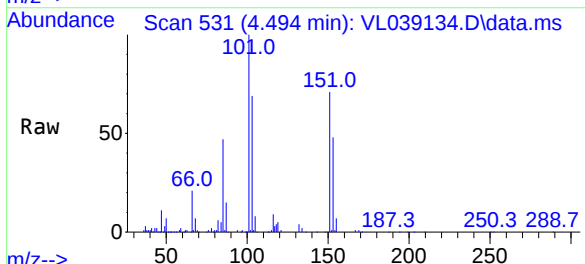
Manual Integrations
 APPROVED

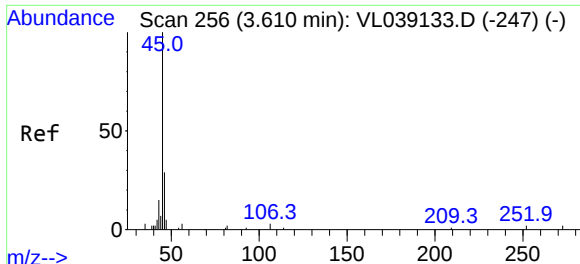
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.269 ppbv
 RT: 4.494 min Scan# 531
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54

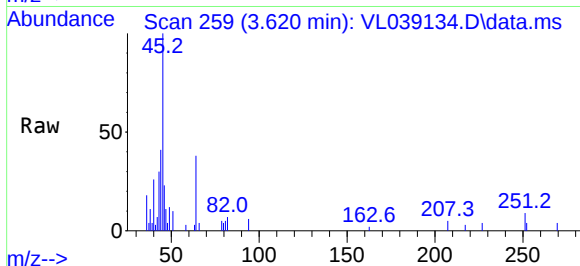
Tgt Ion:101 Resp: 294609
 Ion Ratio Lower Upper
 101 100
 151 78.7 59.4 89.0





#13
Ethanol
Concen: 1.527 ppbv
RT: 3.620 min Scan# 259
Delta R.T. 0.010 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

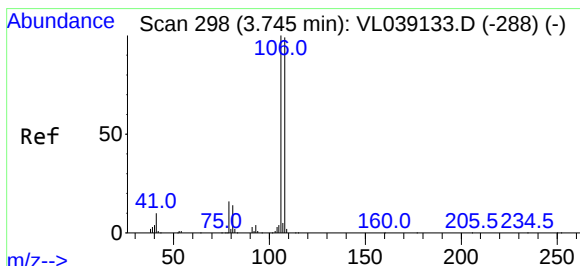
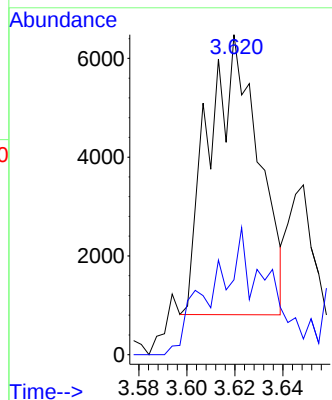
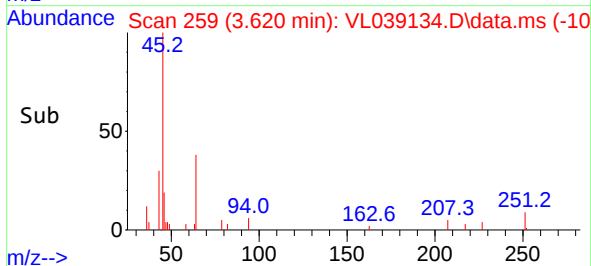
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



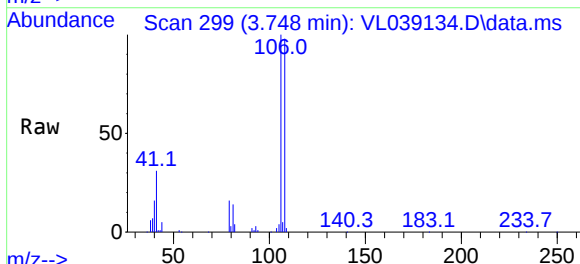
Tgt Ion: 45 Resp: 8212
Ion Ratio Lower Upper
45 100
46 49.3 0.0 0.0

Manual Integrations
APPROVED

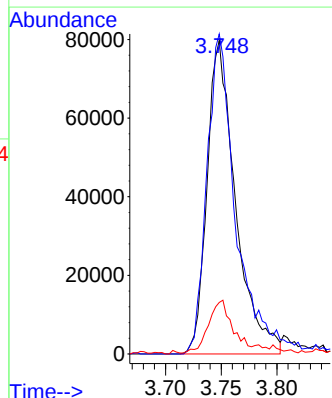
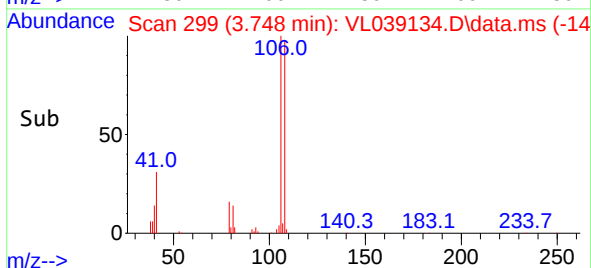
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

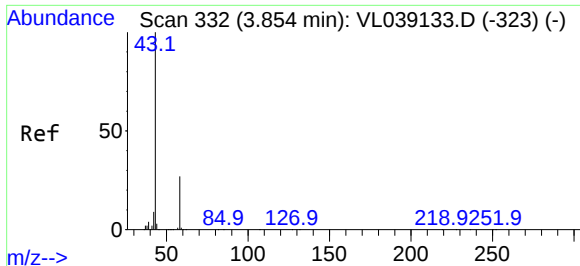


#14
Bromoethene
Concen: 2.652 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



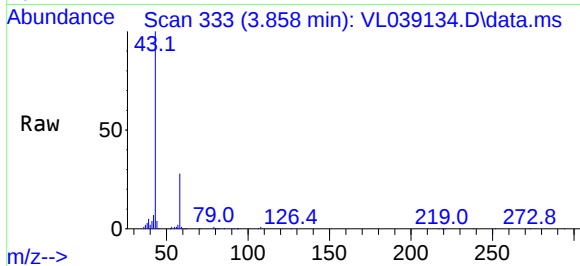
Tgt Ion:108 Resp: 141988
Ion Ratio Lower Upper
108 100
106 104.7 88.4 132.6
79 19.1 13.4 20.2





#15
Acetone
Concen: 2.119 ppbv
RT: 3.858 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

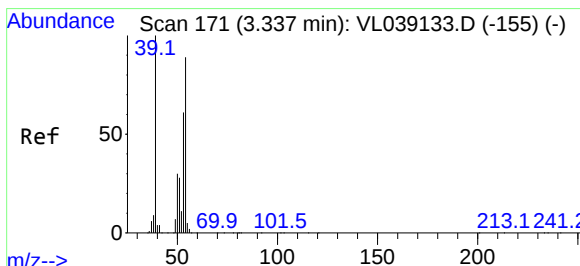
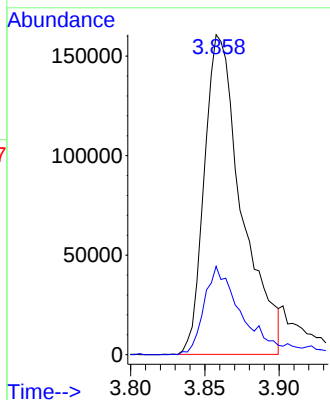
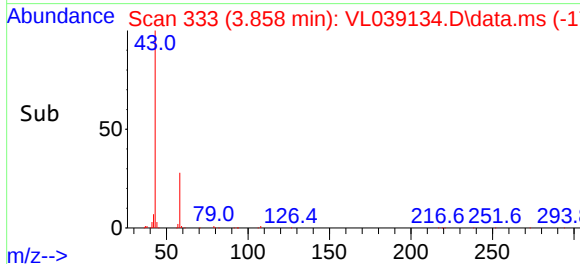
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 28026
Ion Ratio Lower Upper
43 100
58 32.1 22.5 33.7

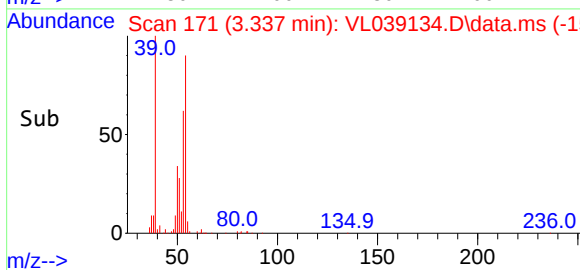
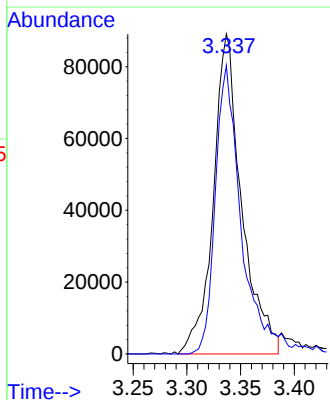
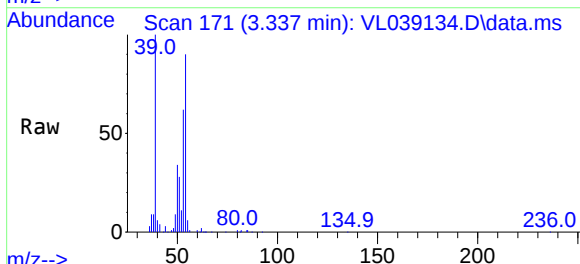
Manual Integrations
APPROVED

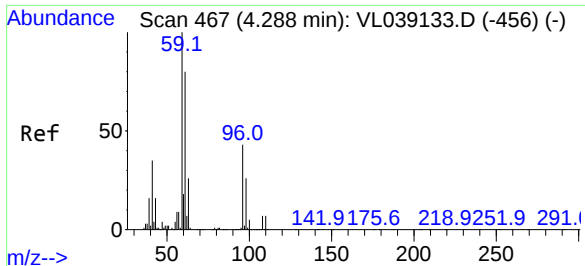
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#16
1,3-Butadiene
Concen: 2.157 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 39 Resp: 163859
Ion Ratio Lower Upper
39 100
54 85.9 65.8 98.6





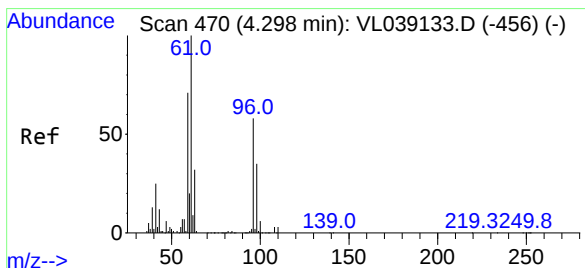
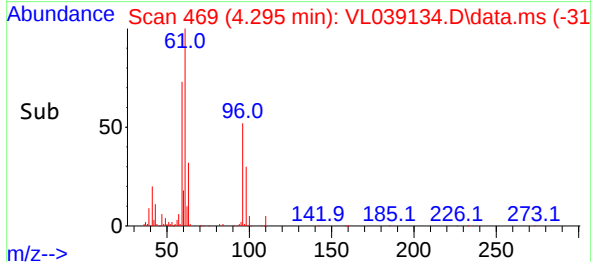
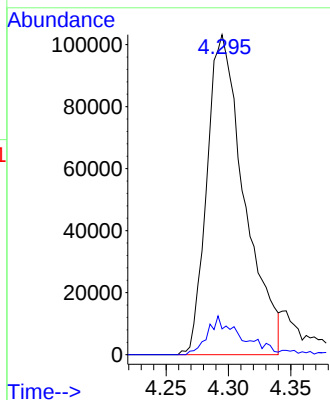
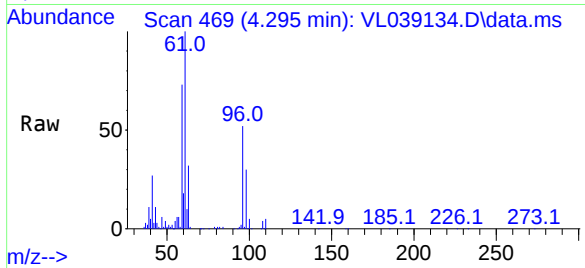
#17
tert-Butyl alcohol
Concen: 2.119 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.006 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 59 Resp: 21543
Ion Ratio Lower Upper
59 100
57 11.7 9.1 13.7

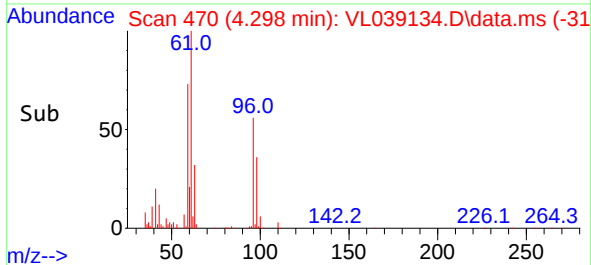
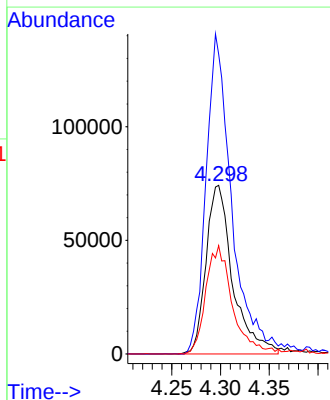
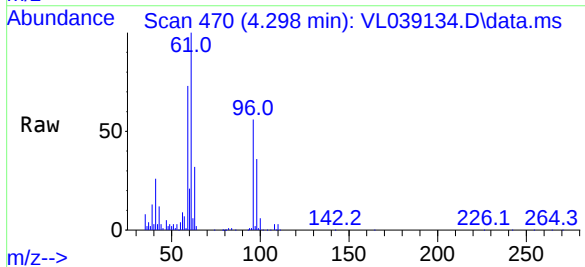
Manual Integrations
APPROVED

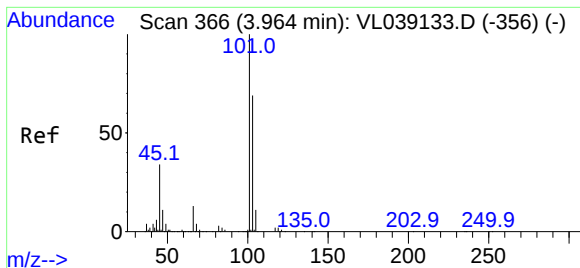
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#18
1,1-Dichloroethene
Concen: 2.539 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

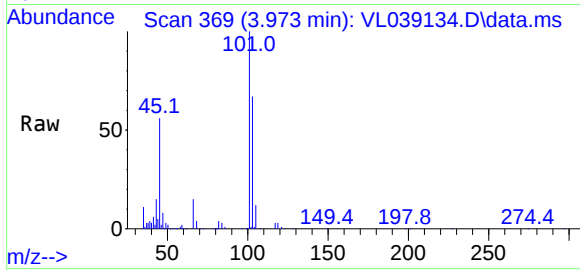
Tgt Ion: 96 Resp: 141900
Ion Ratio Lower Upper
96 100
61 177.7 138.4 207.6
98 64.3 47.8 71.8





#19
Isopropyl Alcohol
Concen: 2.168 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

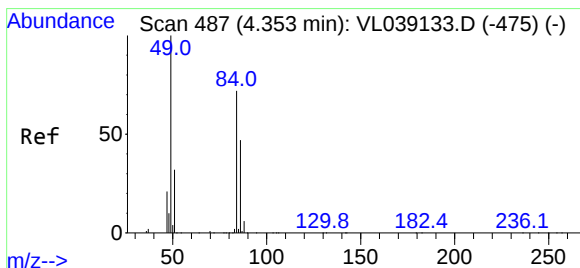
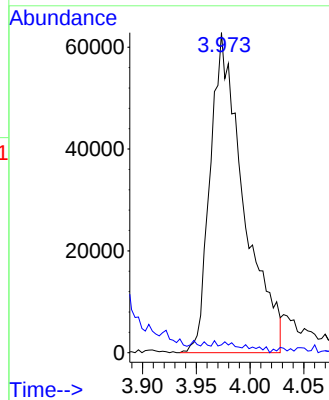
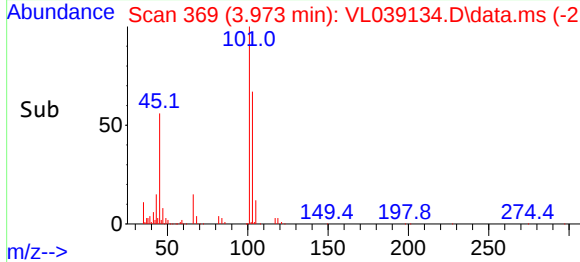
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



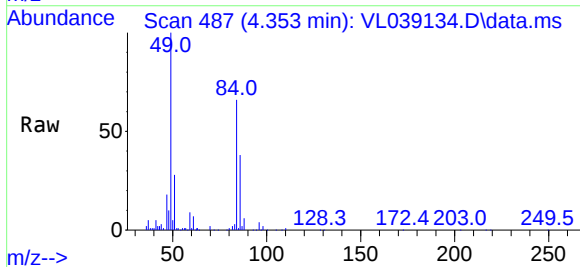
Tgt Ion: 45 Resp: 136317
Ion Ratio Lower Upper
45 100
58 3.1 1.8 2.8

Manual Integrations
APPROVED

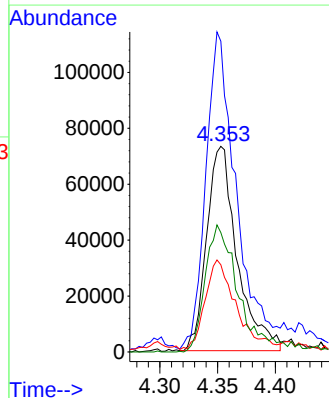
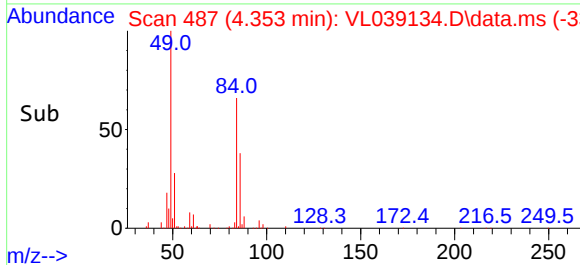
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

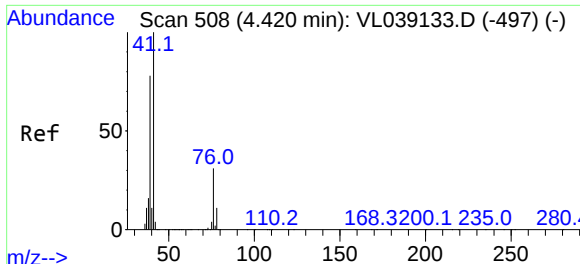


#20
Methylene Chloride
Concen: 2.706 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



Tgt Ion: 84 Resp: 134871
Ion Ratio Lower Upper
84 100
49 150.5 111.1 166.7
51 41.4 35.3 52.9
86 58.1 51.9 77.9





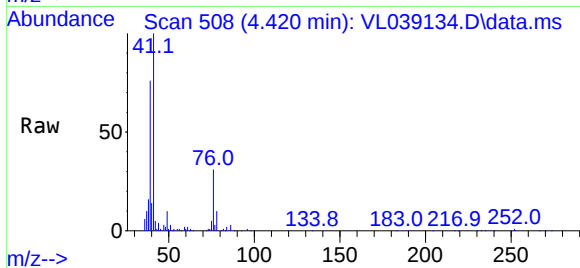
#21
 Allyl Chloride
 Concen: 2.195 ppbv
 RT: 4.420 min Scan# 508
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

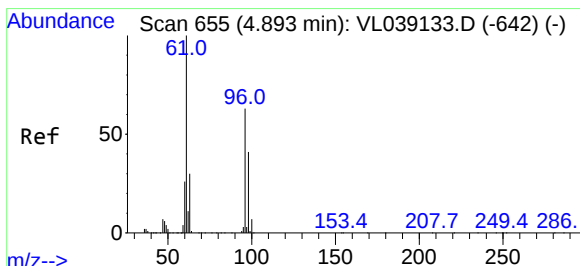
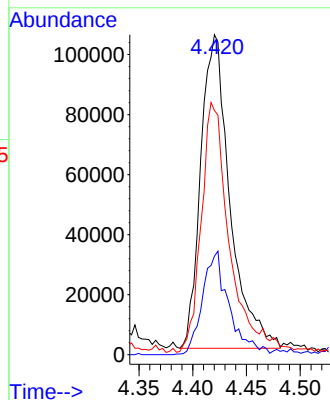
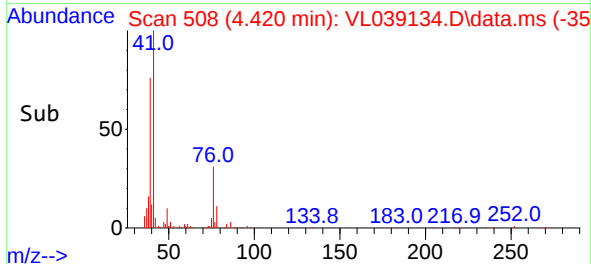


Tgt Ion: 41 Resp: 197777
 Ion Ratio Lower Upper
 41 100
 76 30.9 24.2 36.2
 39 78.4 62.2 93.2

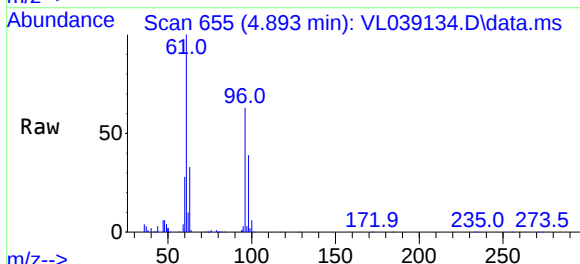
Manual Integrations

APPROVED

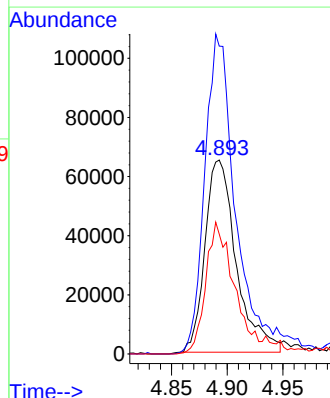
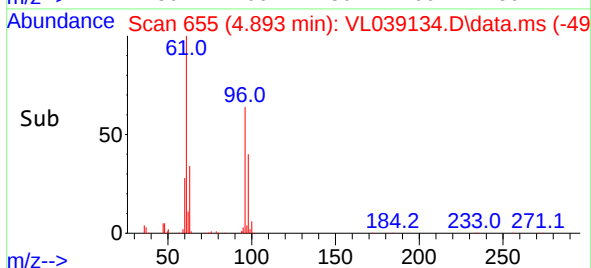
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

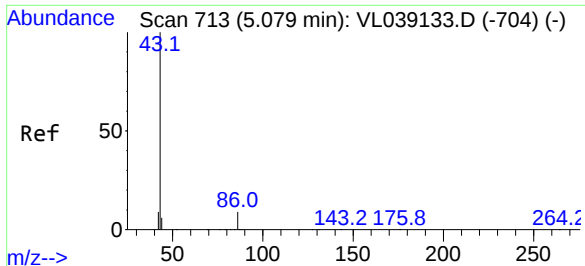


#22
 trans-1,2-Dichloroethene
 Concen: 2.114 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54



Tgt Ion: 96 Resp: 127577
 Ion Ratio Lower Upper
 96 100
 61 159.6 126.6 190.0
 98 62.0 52.5 78.7





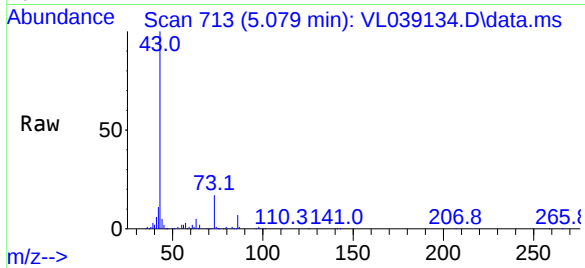
#23
 Vinyl Acetate
 Concen: 2.360 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

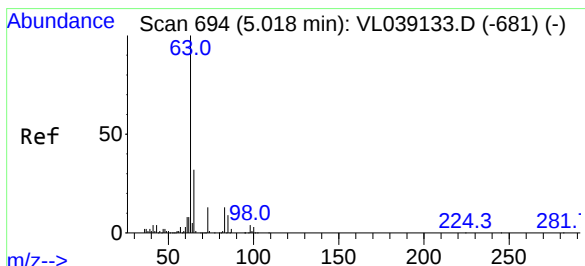
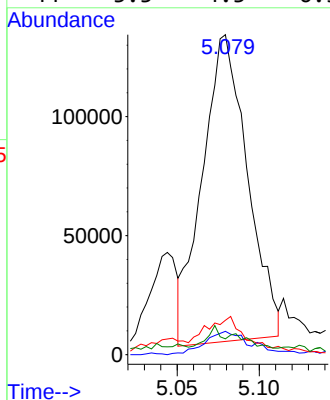
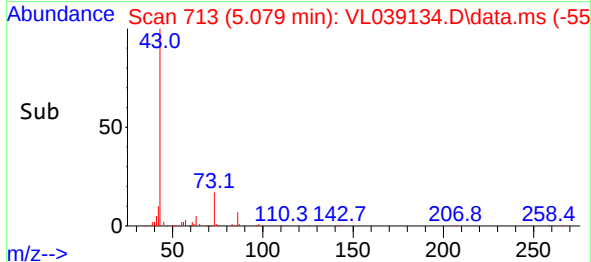


Tgt Ion: 43 Resp: 246907
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.0 9.0
 42 9.4 8.2 12.4
 44 3.3 4.3 6.5#

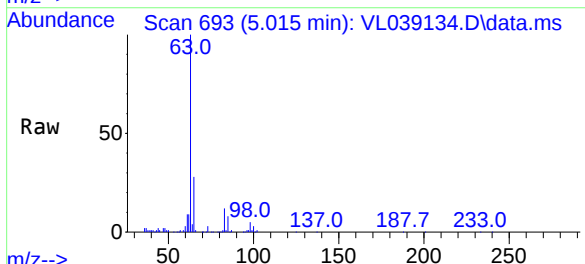
Manual Integrations

APPROVED

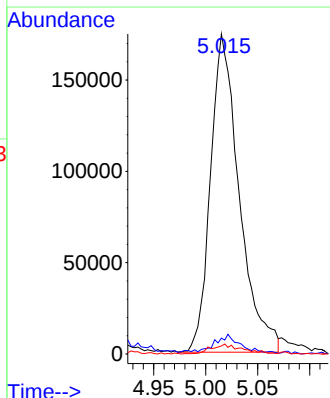
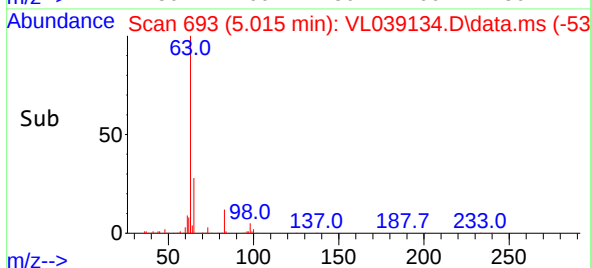
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

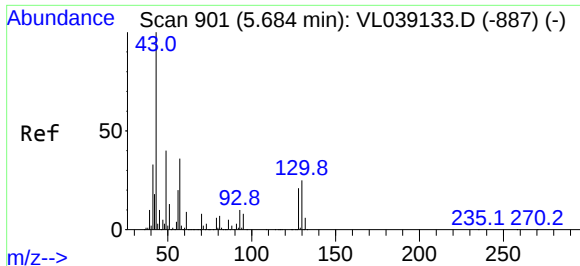


#24
 1,1-Dichloroethane
 Concen: 2.782 ppbv
 RT: 5.015 min Scan# 693
 Delta R.T. -0.003 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54



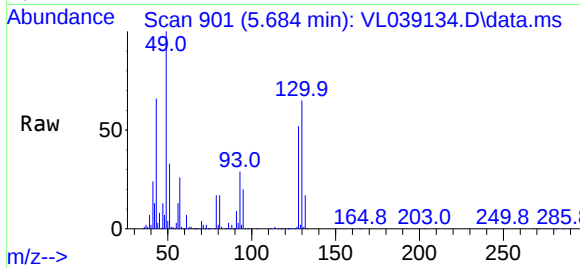
Tgt Ion: 63 Resp: 335211
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.1 6.2
 100 2.4 1.5 4.5





#25
Ethyl Acetate
Concen: 2.204 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

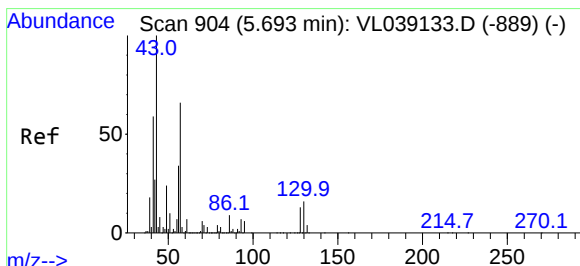
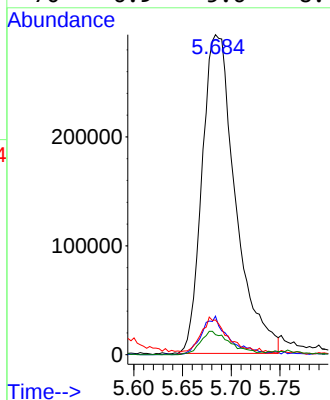
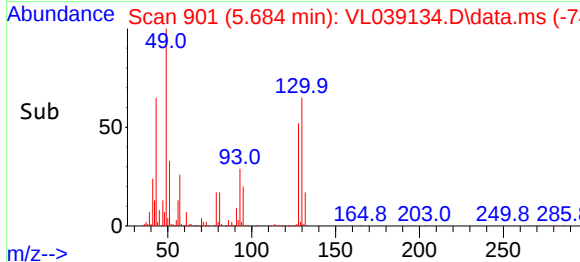
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



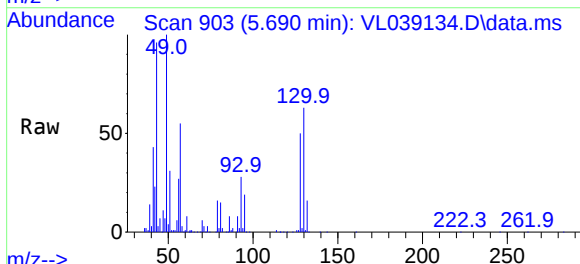
Tgt Ion: 43	Resp: 69765
Ion Ratio	Lower Upper
43 100	
45 10.3	8.2 12.2
61 10.8	8.4 12.6
70 6.9	5.6 8.4

Manual Integrations
APPROVED

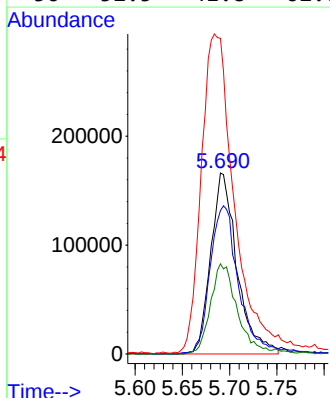
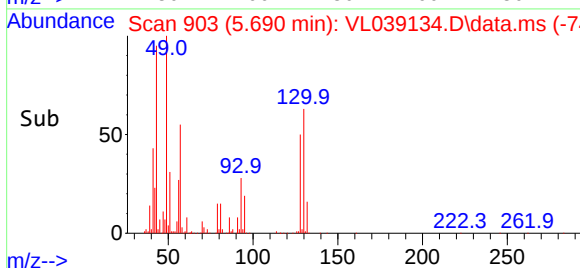
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

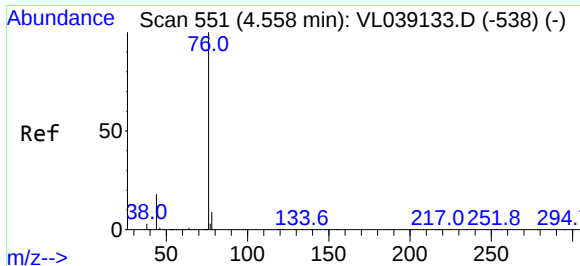


#26
Hexane
Concen: 2.277 ppbv
RT: 5.690 min Scan# 903
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



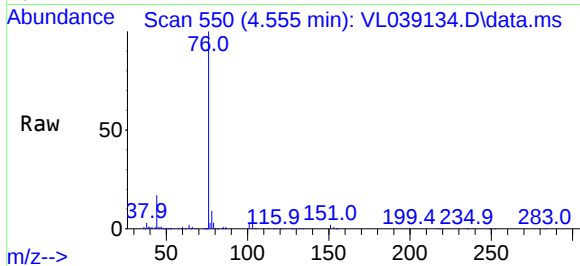
Tgt Ion: 57	Resp: 320290
Ion Ratio	Lower Upper
57 100	
41 91.5	72.4 108.6
43 227.3	187.0 280.6
56 52.5	41.8 62.6





#27
Carbon Disulfide
Concen: 2.274 ppbv
RT: 4.555 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

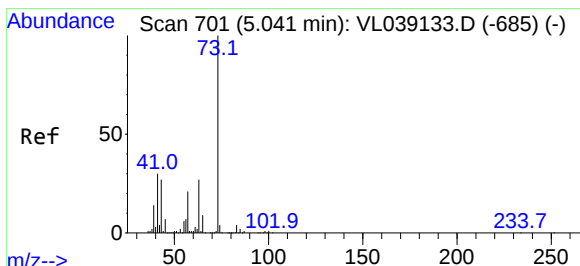
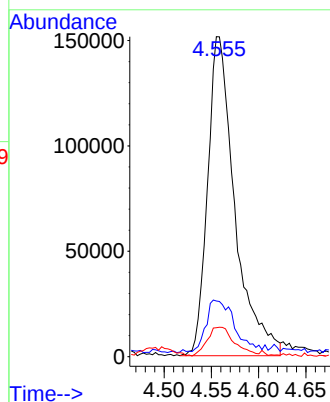
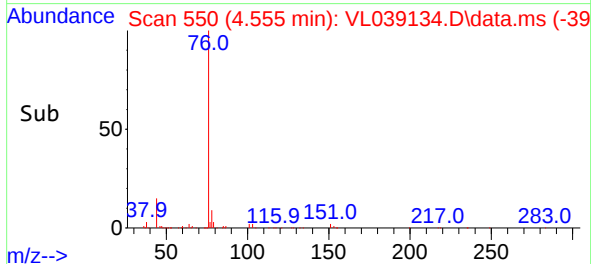
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 76 Resp: 30382
Ion Ratio Lower Upper
76 100
44 18.1 14.4 21.6
78 10.4 7.7 11.5

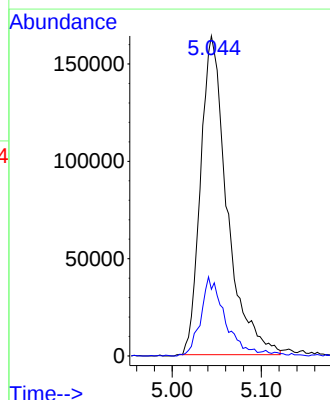
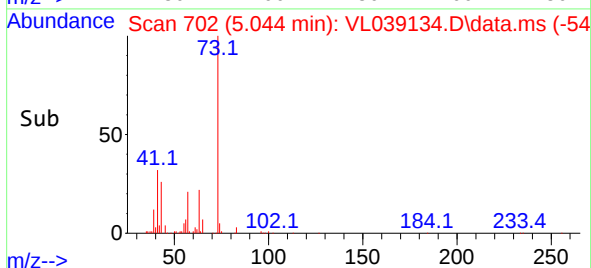
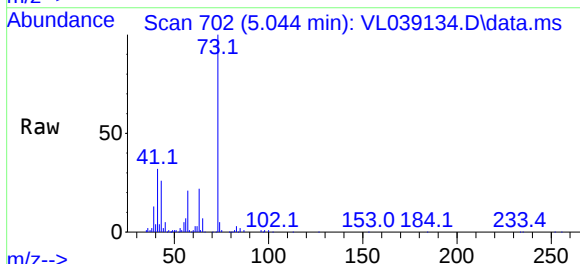
Manual Integrations
APPROVED

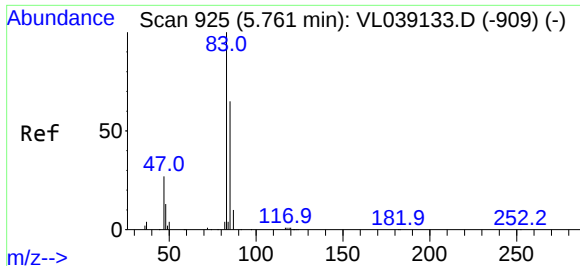
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#28
Methyl tert-Butyl Ether
Concen: 3.168 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 73 Resp: 338971
Ion Ratio Lower Upper
73 100
57 23.9 18.6 27.8





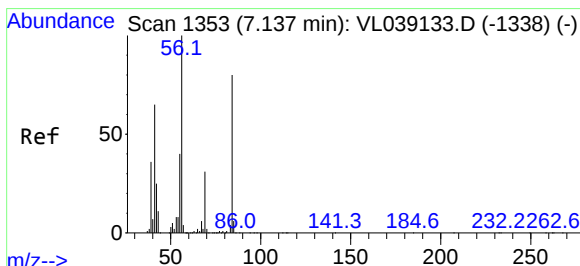
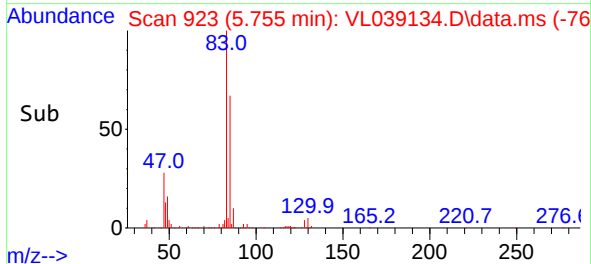
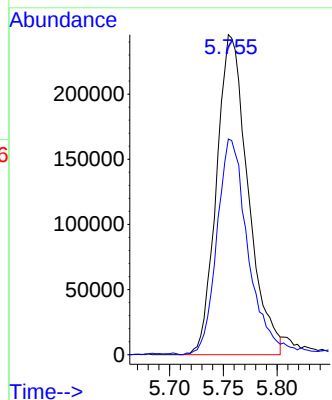
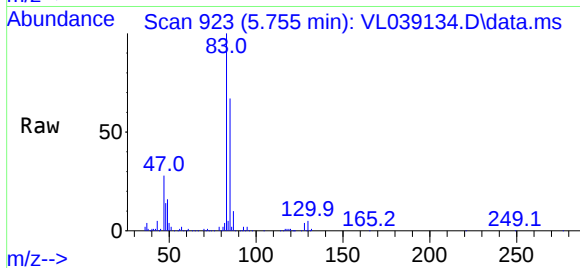
#29
Chloroform
Concen: 2.199 ppbv
RT: 5.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 50046
Ion Ratio Lower Upper
83 100
85 67.4 52.4 78.6

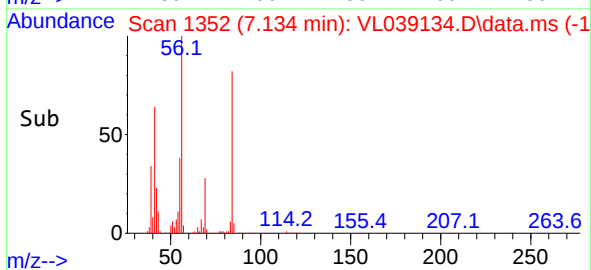
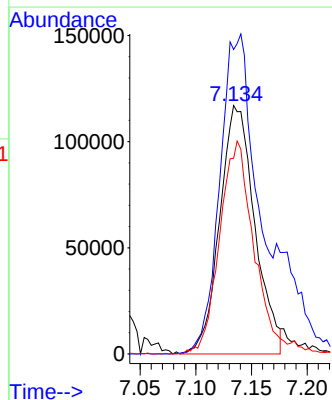
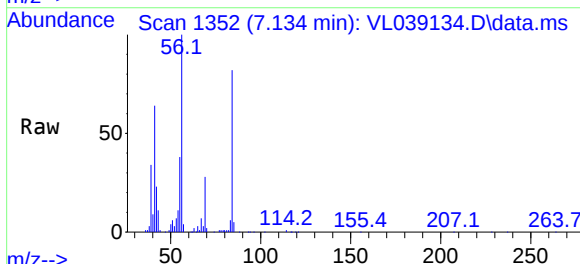
Manual Integrations
APPROVED

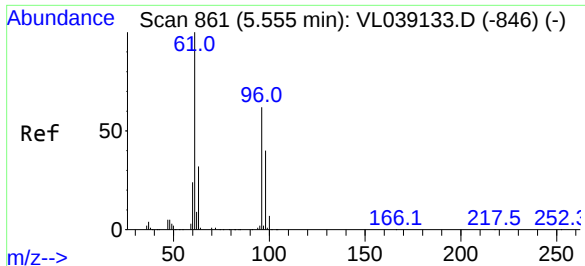
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#30
Cyclohexane
Concen: 2.177 ppbv
RT: 7.134 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

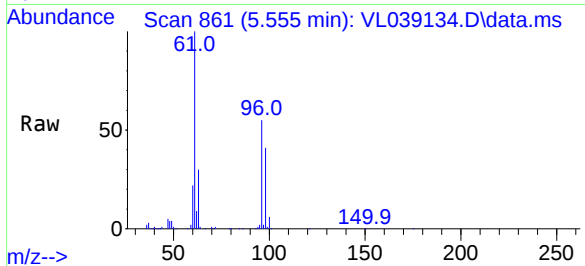
Tgt Ion: 84 Resp: 256292
Ion Ratio Lower Upper
84 100
56 164.0 110.6 165.8
41 85.5 68.9 103.3





#31
 cis-1,2-Dichloroethene
 Concen: 2.072 ppbv
 RT: 5.555 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54

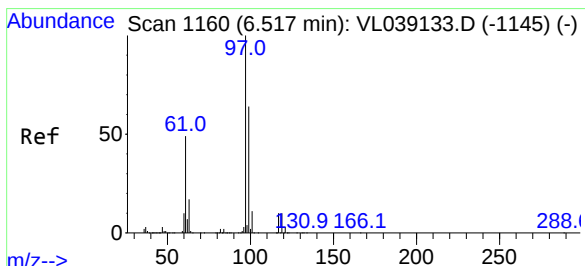
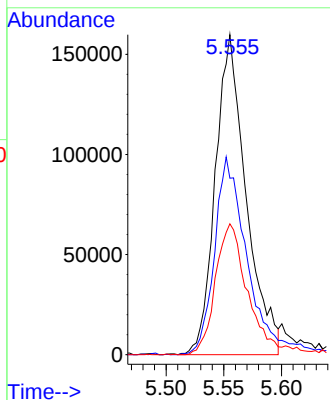
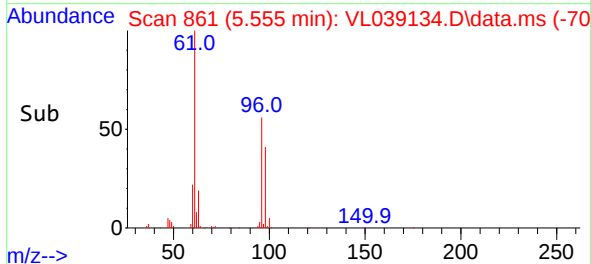
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



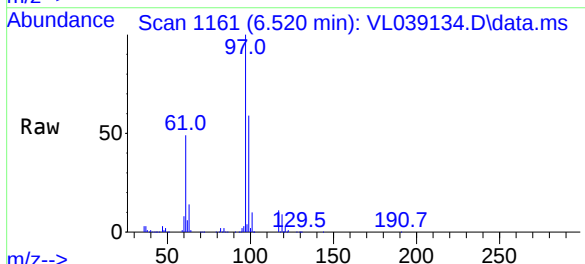
Tgt Ion: 61 Resp: 296928
 Ion Ratio Lower Upper
 61 100
 96 55.1 49.9 74.9
 98 40.9 32.0 48.0

Manual Integrations
 APPROVED

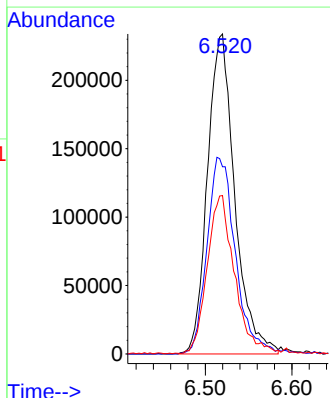
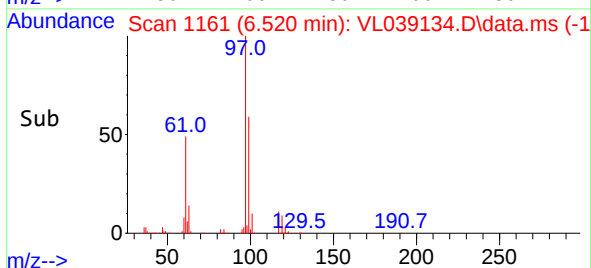
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

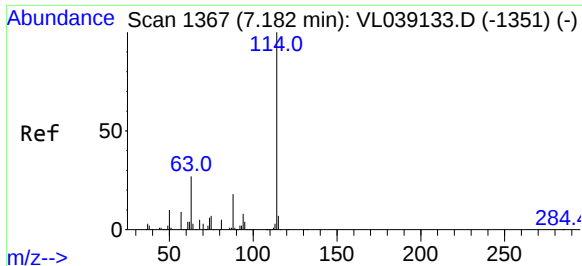


#32
 1,1,1-Trichloroethane
 Concen: 2.252 ppbv
 RT: 6.520 min Scan# 1161
 Delta R.T. 0.003 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54



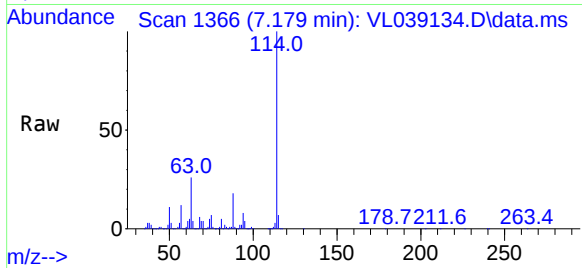
Tgt Ion: 97 Resp: 512364
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.1 78.1
 61 50.2 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

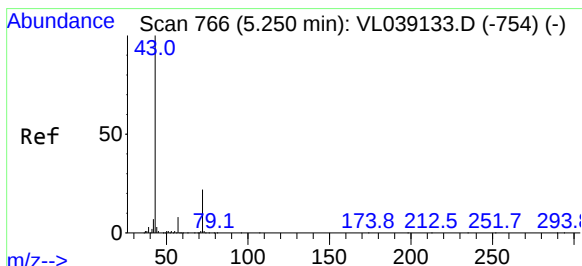
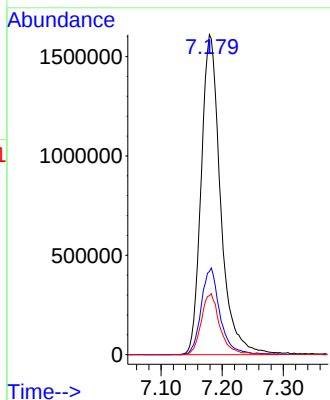
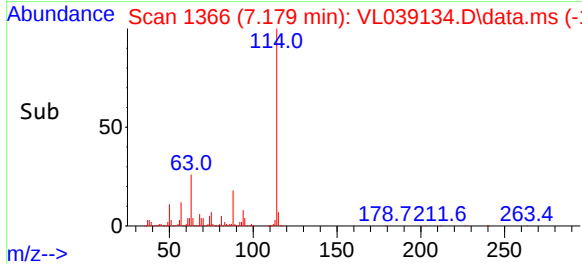
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:114 Resp: 3549434
Ion Ratio Lower Upper
114 100
63 26.5 21.7 32.5
88 18.5 14.8 22.2

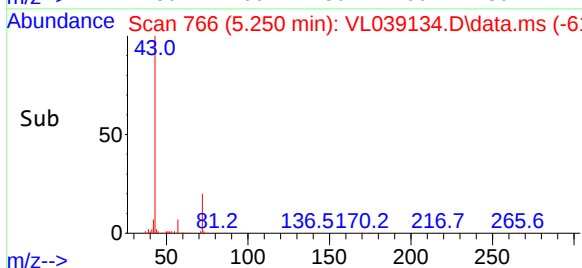
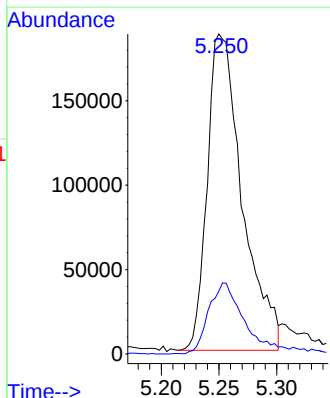
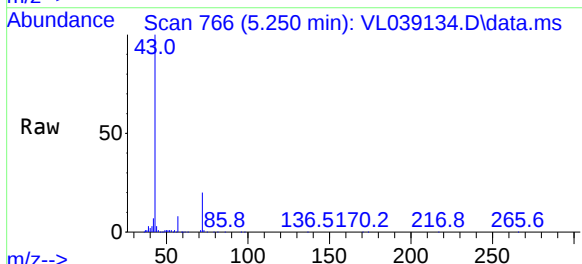
Manual Integrations
APPROVED

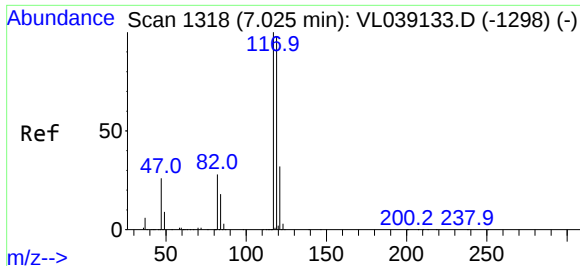
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#34
2-Butanone
Concen: 2.180 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

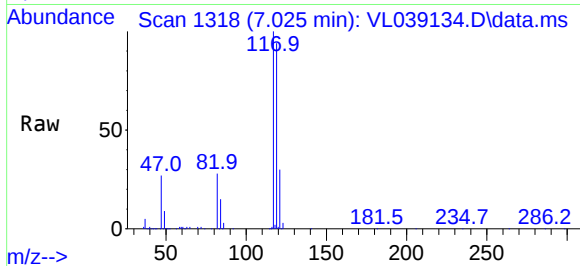
Tgt Ion: 43 Resp: 394753
Ion Ratio Lower Upper
43 100
72 24.7 18.2 27.2





#35
Carbon Tetrachloride
Concen: 2.288 ppbv
RT: 7.025 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

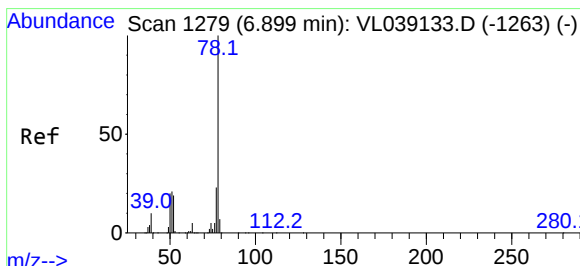
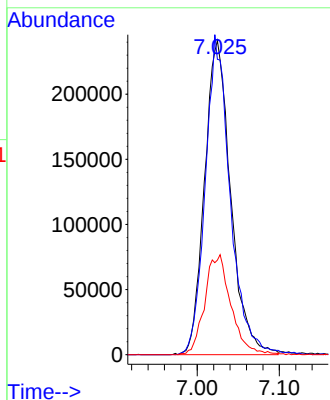
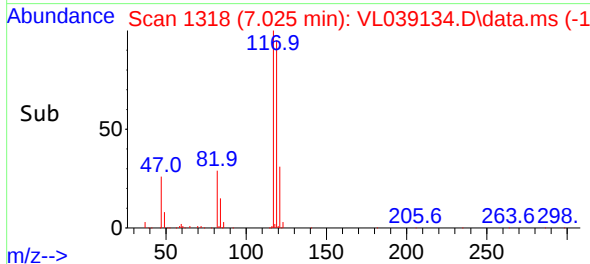
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



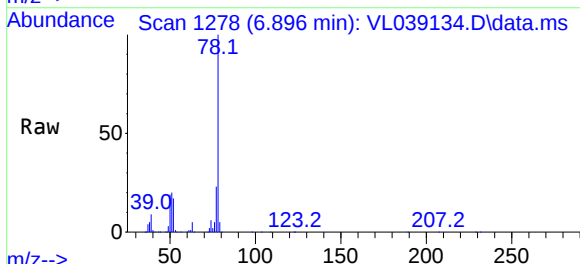
Tgt Ion:117 Resp: 535028
Ion Ratio Lower Upper
117 100
119 93.9 78.6 118.0
121 30.1 25.4 38.0

Manual Integrations
APPROVED

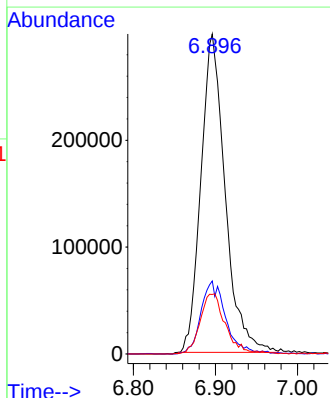
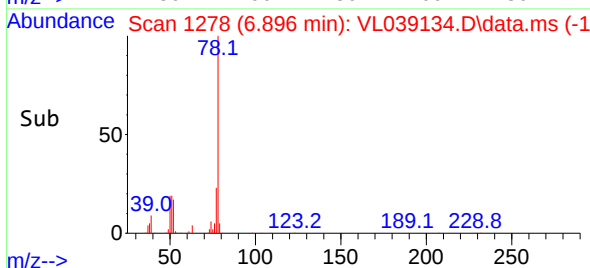
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

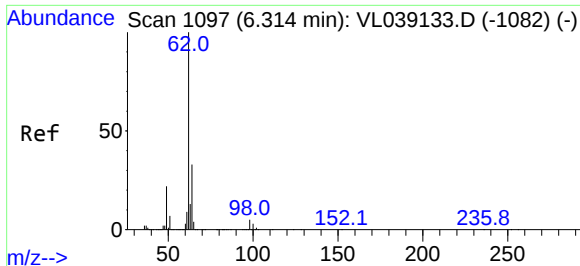


#36
Benzene
Concen: 2.015 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



Tgt Ion: 78 Resp: 611989
Ion Ratio Lower Upper
78 100
77 22.5 18.6 27.8
50 18.6 15.8 23.8





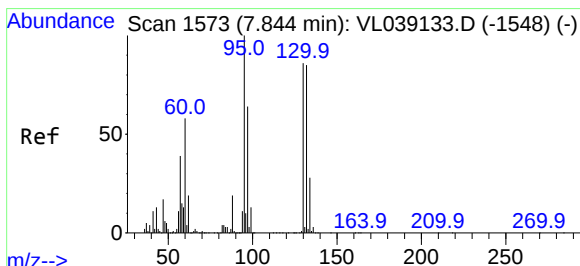
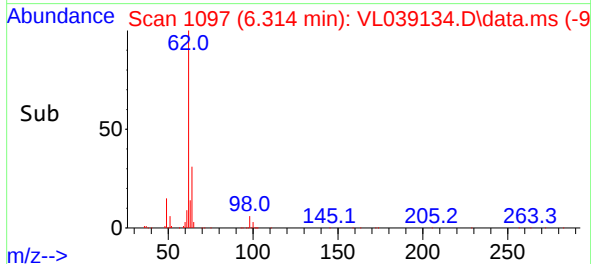
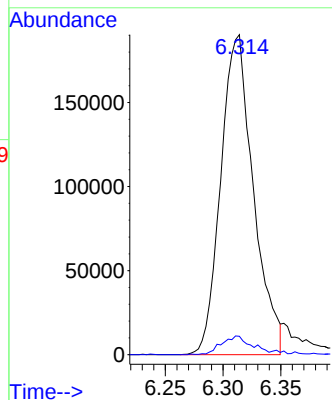
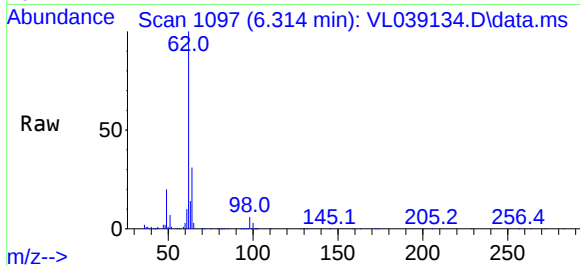
#37
1,2-Dichloroethane
Concen: 1.988 ppbv
RT: 6.314 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 37367
Ion Ratio Lower Upper
62 100
98 6.2 4.3 6.5

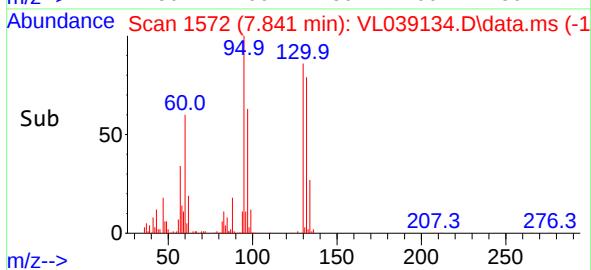
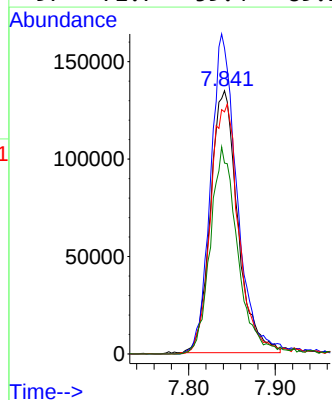
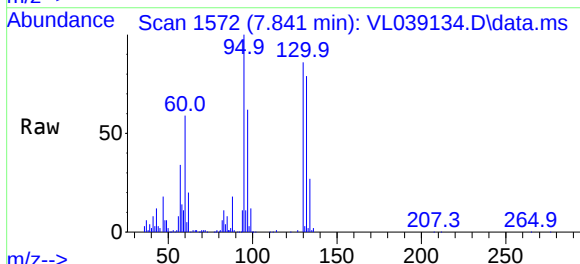
Manual Integrations
APPROVED

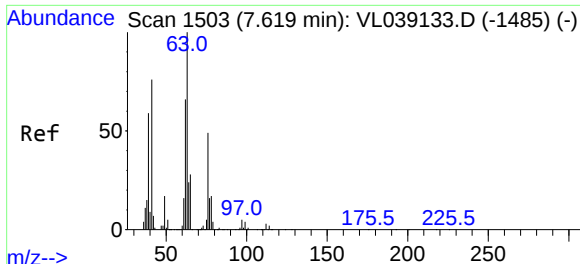
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#38
Trichloroethene
Concen: 2.182 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

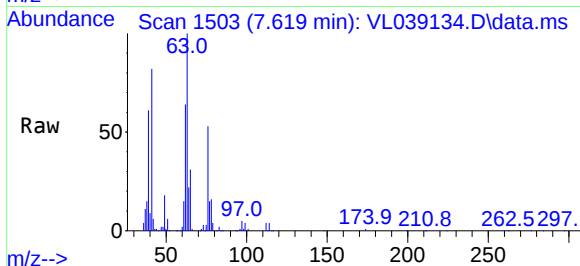
Tgt Ion:130 Resp: 294643
Ion Ratio Lower Upper
130 100
95 116.8 93.3 139.9
132 92.3 79.0 118.4
97 72.7 59.4 89.2





#39
1,2-Dichloropropane
Concen: 2.028 ppbv
RT: 7.619 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

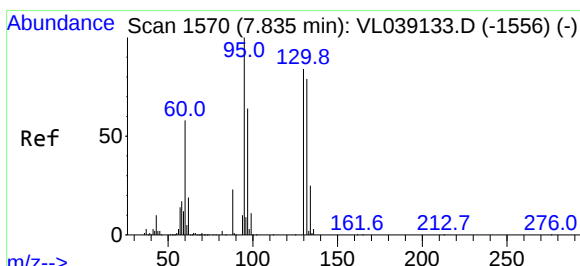
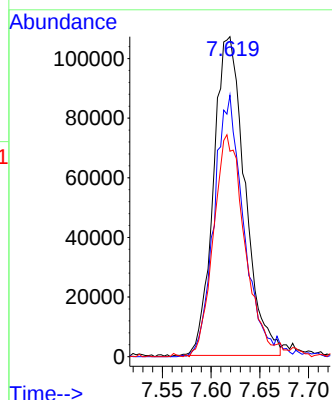
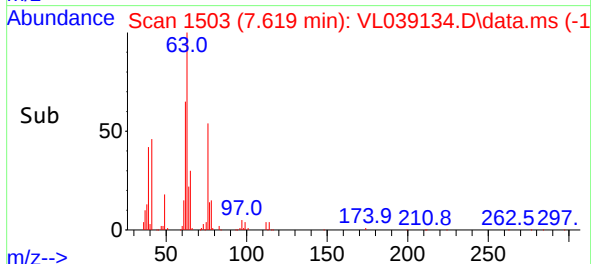
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



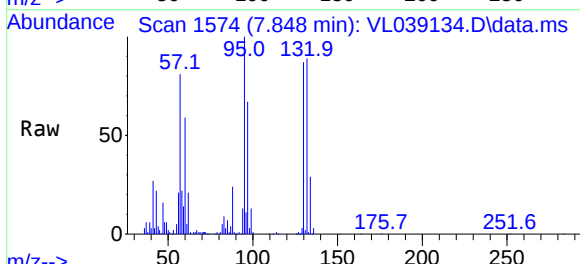
Tgt Ion: 63 Resp: 239659
Ion Ratio Lower Upper
63 100
41 81.9 60.8 91.2
62 64.3 52.9 79.3

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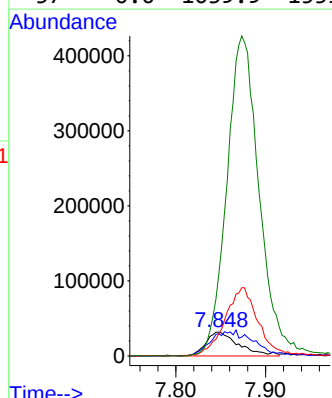
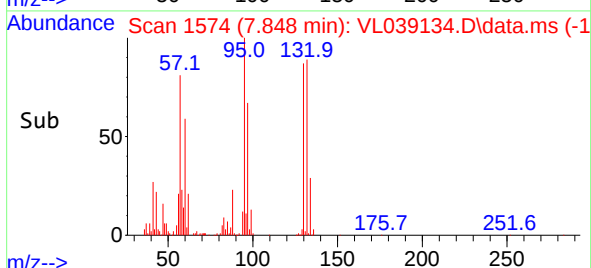
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

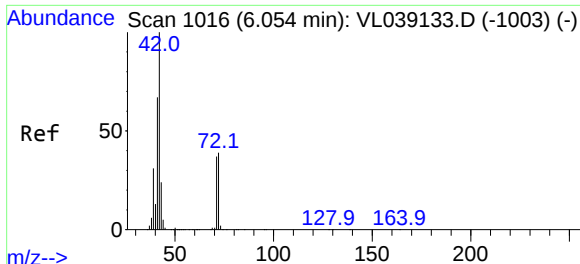


#40
1,4-Dioxane
Concen: 1.920 ppbv m
RT: 7.848 min Scan# 1574
Delta R.T. 0.013 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



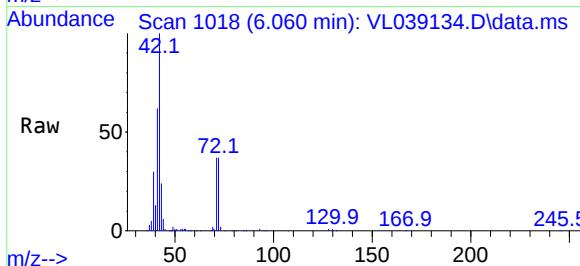
Tgt Ion: 88 Resp: 81498
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 2.015 ppbv m
RT: 6.060 min Scan# 1016
Delta R.T. 0.006 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

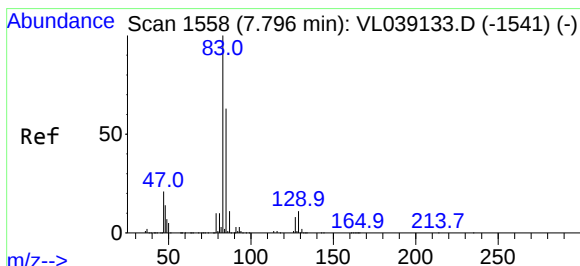
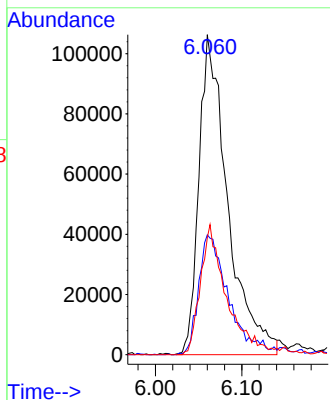
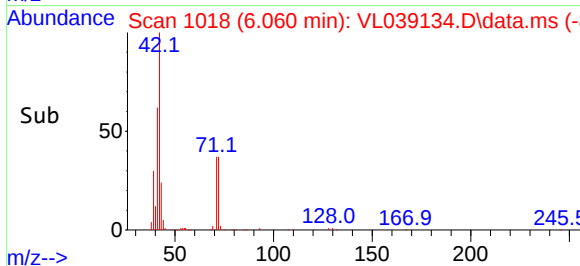
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 42 Resp: 24525
Ion Ratio Lower Upper
42 100
72 39.0 32.0 48.0
71 38.2 31.1 46.7

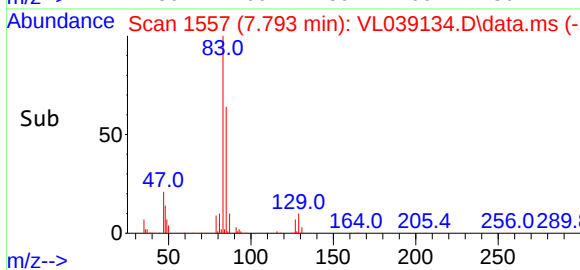
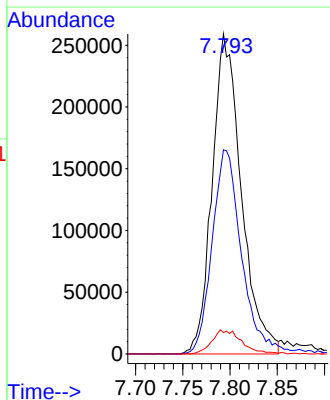
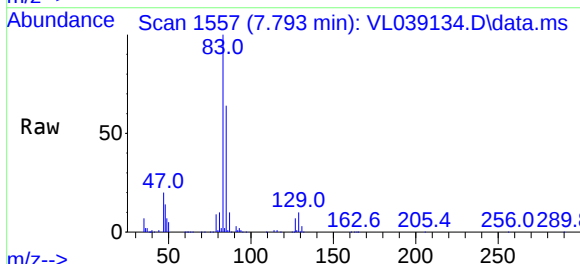
Manual Integrations
APPROVED

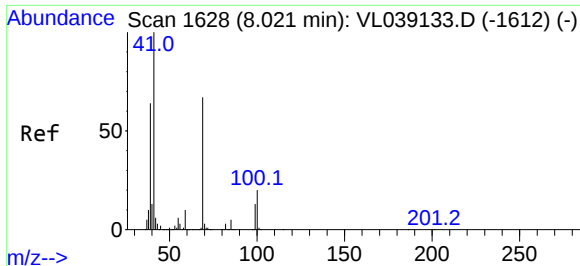
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#42
Bromodichloromethane
Concen: 2.163 ppbv
RT: 7.793 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

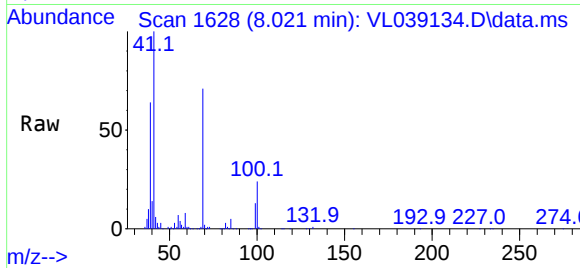
Tgt Ion: 83 Resp: 555706
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 6.7 6.6 9.8





#43
Methyl Methacrylate
Concen: 1.932 ppbv
RT: 8.021 min Scan# 1628
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

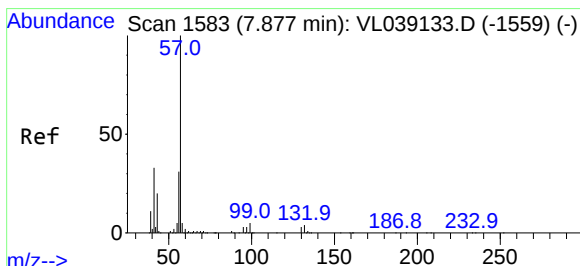
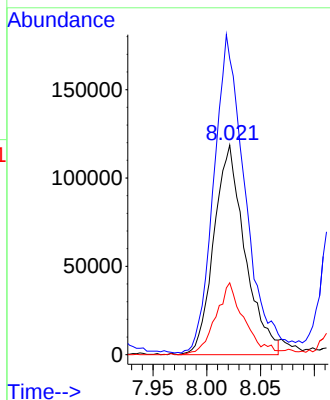
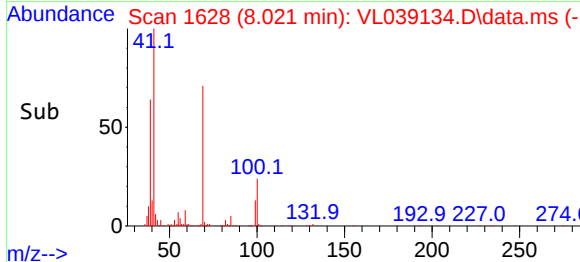
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



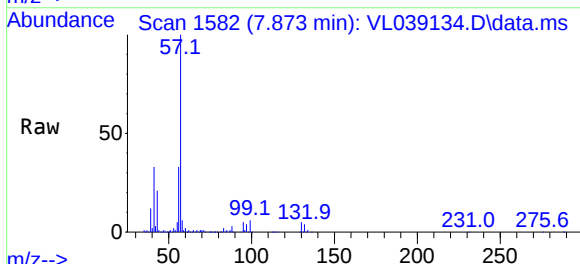
Tgt Ion: 69 Resp: 238259
Ion Ratio Lower Upper
69 100
41 154.3 121.9 182.9
100 32.7 24.1 36.1

Manual Integrations
APPROVED

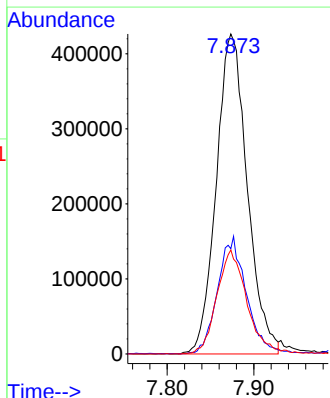
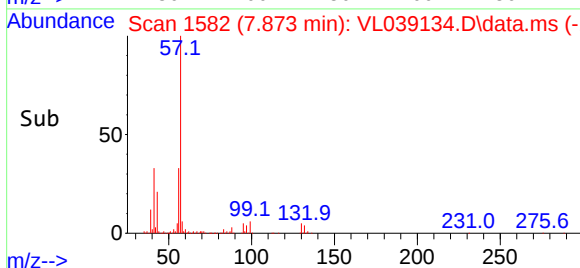
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

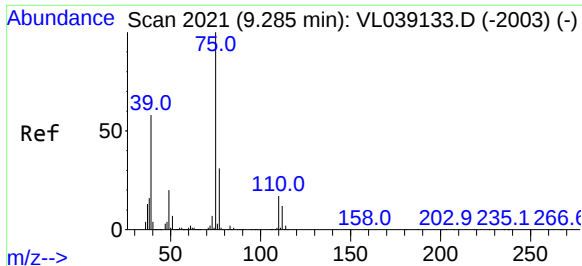


#44
2,2,4-Trimethylpentane
Concen: 1.988 ppbv
RT: 7.873 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



Tgt Ion: 57 Resp: 1059815
Ion Ratio Lower Upper
57 100
41 34.2 26.2 39.4
56 31.7 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 1.934 ppbv
RT: 9.282 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Instrument :

MSVOA_L

ClientSampleId :

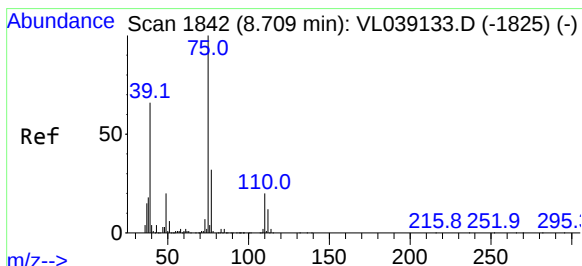
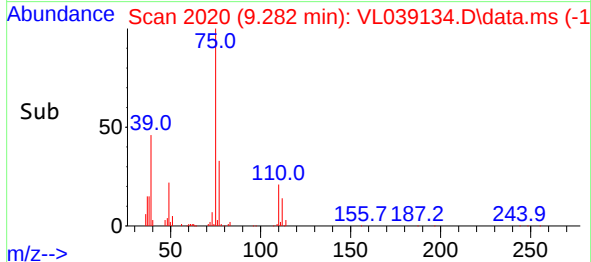
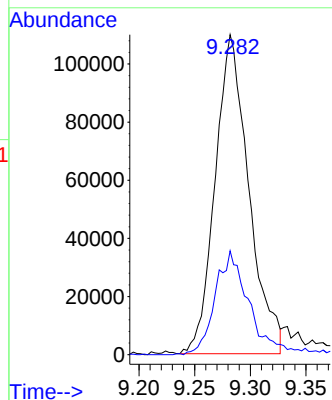
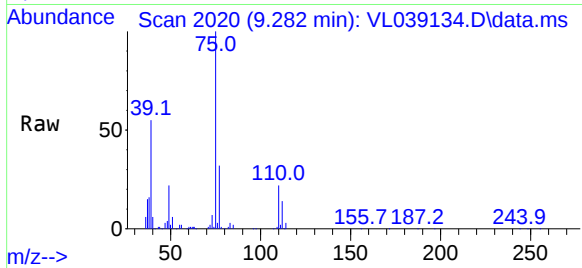
VSTDIC002

Tgt Ion: 75 Resp: 23082
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6

Manual Integrations

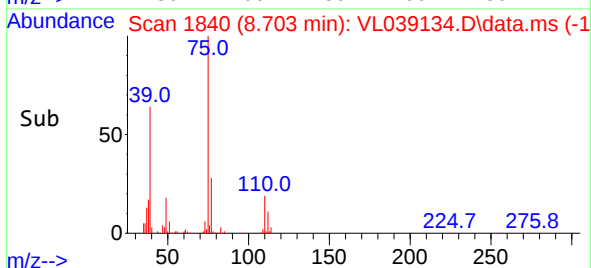
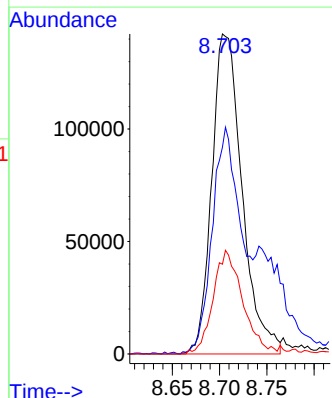
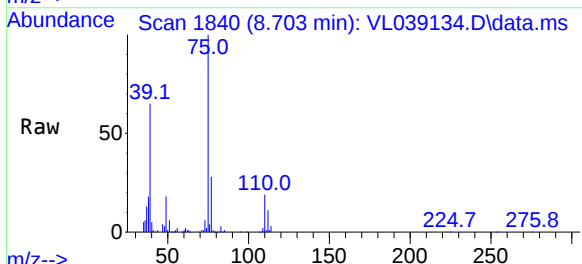
APPROVED

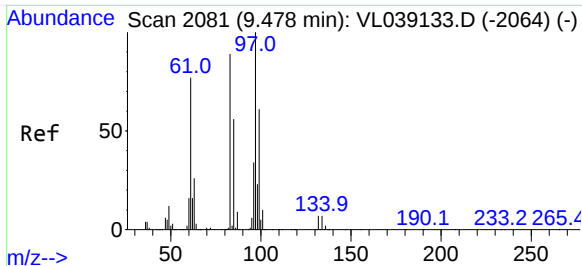
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#46
cis-1,3-Dichloropropene
Concen: 2.001 ppbv
RT: 8.703 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

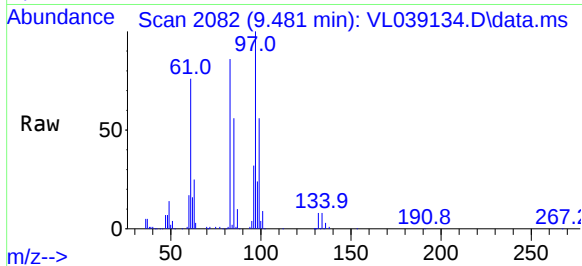
Tgt Ion: 75 Resp: 316746
Ion Ratio Lower Upper
75 100
39 64.6 52.4 78.6
77 28.0 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 2.024 ppbv
RT: 9.481 min Scan# 2081
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

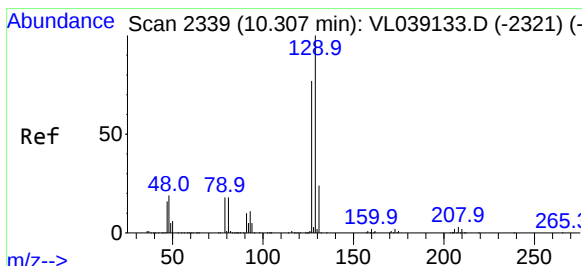
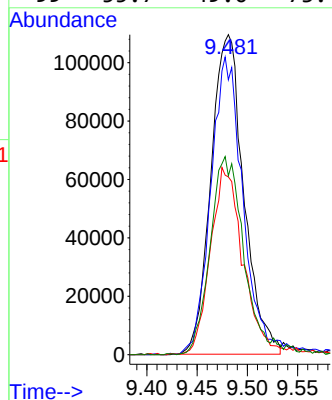
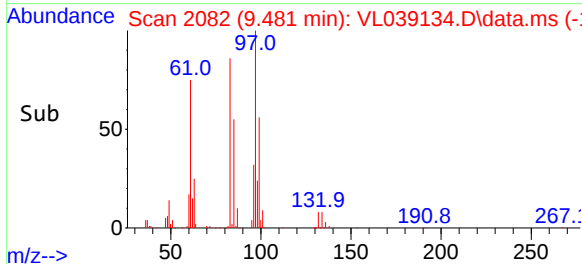
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



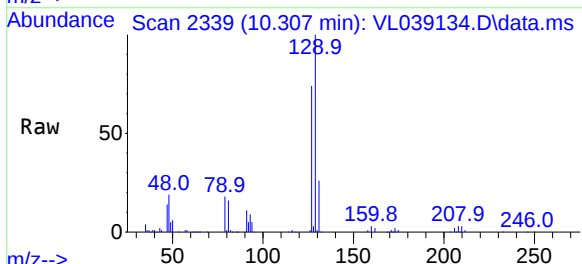
Tgt Ion: 97 Resp: 248744
Ion Ratio Lower Upper
97 100
83 85.7 71.6 107.4
85 55.3 44.8 67.2
99 55.7 49.0 73.4

Manual Integrations
APPROVED

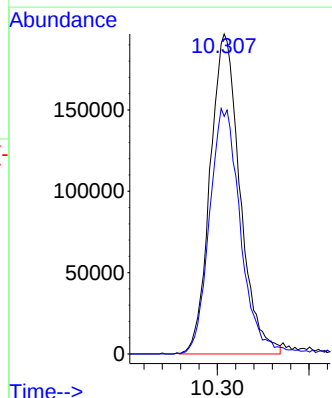
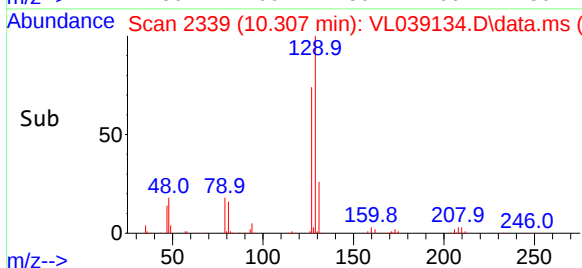
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

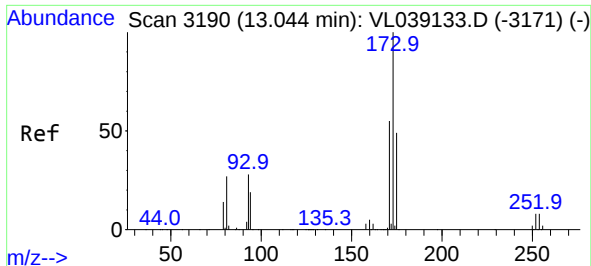


#48
Dibromochloromethane
Concen: 2.217 ppbv
RT: 10.307 min Scan# 2339
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



Tgt Ion:129 Resp: 443510
Ion Ratio Lower Upper
129 100
127 80.1 40.0 119.9





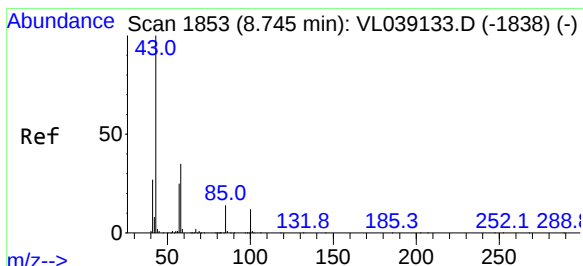
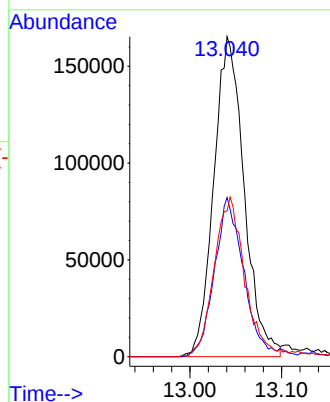
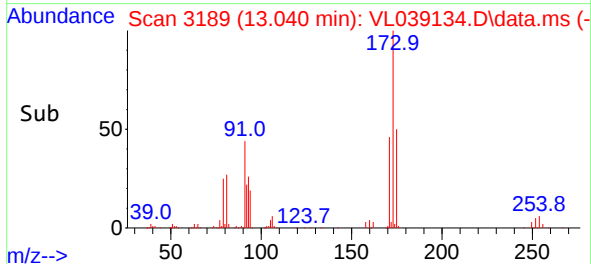
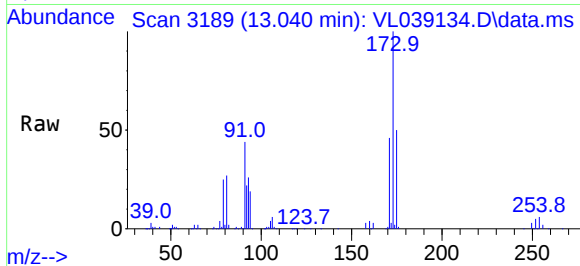
#49
Bromoform
Concen: 2.488 ppbv
RT: 13.040 min Scan# 3190
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion:173 Resp: 37956
Ion Ratio Lower Upper
173 100
175 48.3 40.2 60.2
171 51.3 43.9 65.9

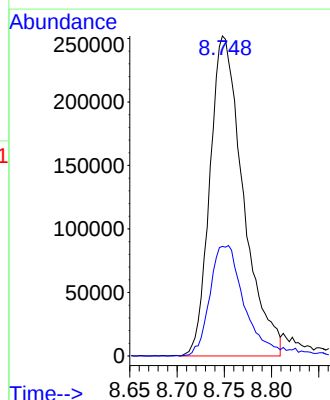
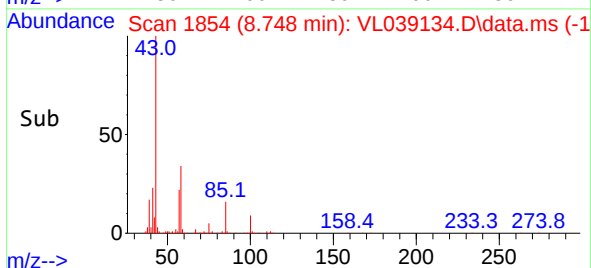
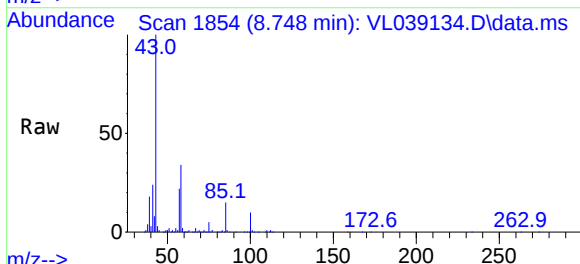
Manual Integrations
APPROVED

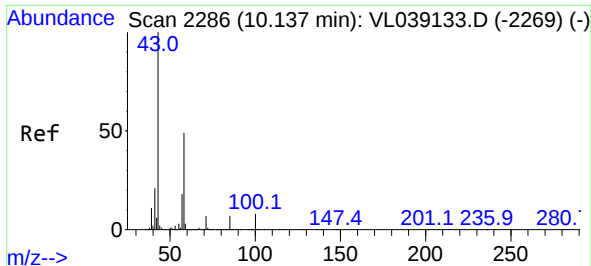
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#50
4-Methyl-2-Pentanone
Concen: 1.945 ppbv
RT: 8.748 min Scan# 1854
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

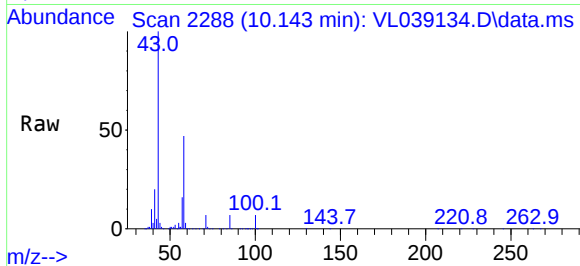
Tgt Ion: 43 Resp: 617495
Ion Ratio Lower Upper
43 100
58 37.2 28.7 43.1





#51
2-Hexanone
Concen: 2.084 ppbv m
RT: 10.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

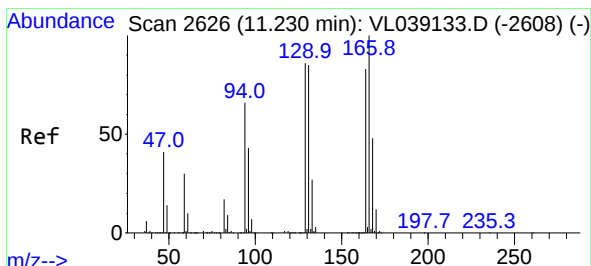
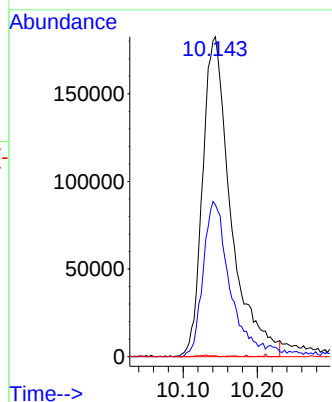
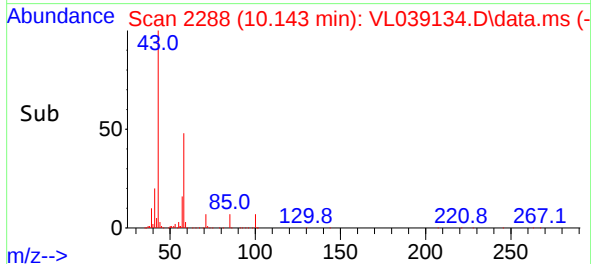
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



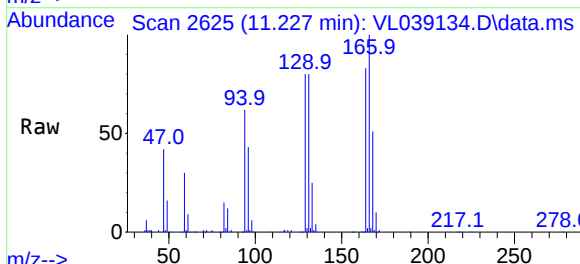
Tgt Ion: 43 Resp: 483060
Ion Ratio Lower Upper
43 100
58 47.9 40.0 60.0
98 0.3 0.1 0.1

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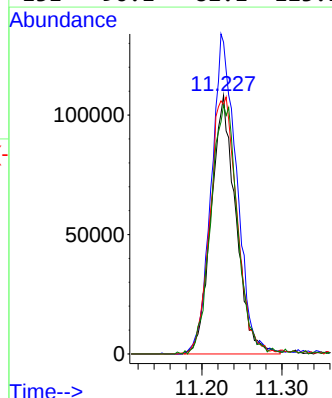
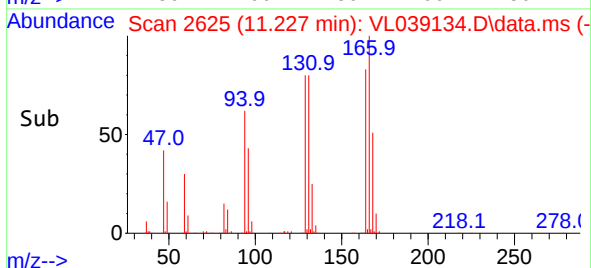
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

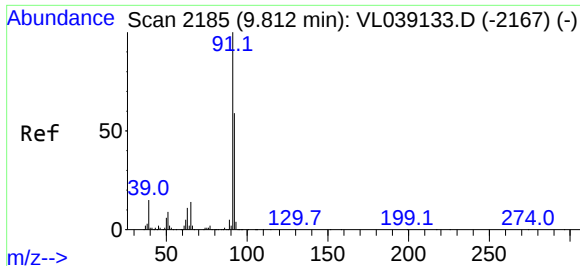


#52
Tetrachloroethene
Concen: 2.139 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



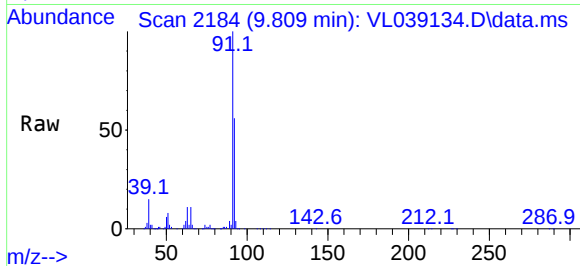
Tgt Ion:164 Resp: 232143
Ion Ratio Lower Upper
164 100
166 120.7 96.3 144.5
129 96.2 82.5 123.7
131 96.1 82.1 123.1





#53
Toluene
Concen: 2.095 ppbv
RT: 9.809 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

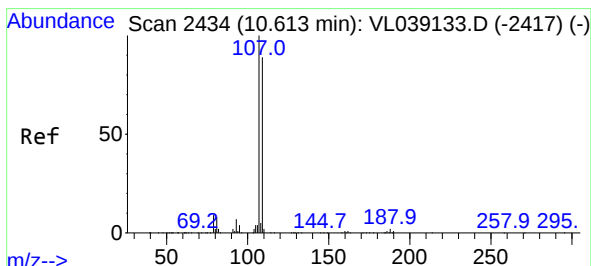
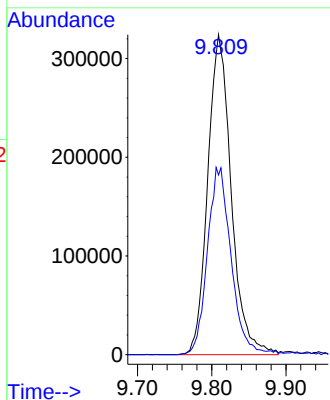
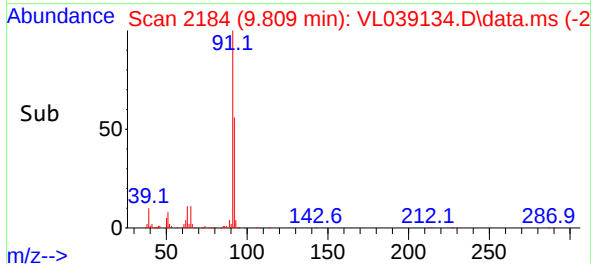
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



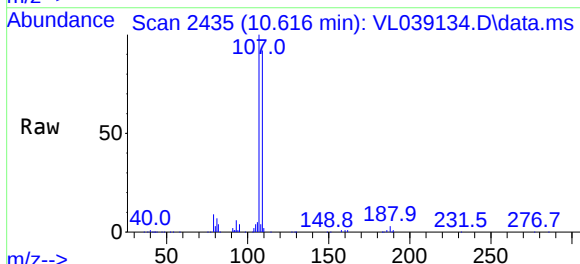
Tgt Ion: 91 Resp: 713272
Ion Ratio Lower Upper
91 100
92 59.7 48.1 72.1

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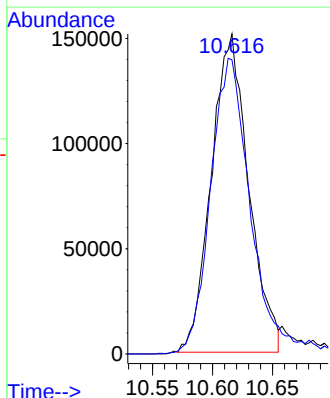
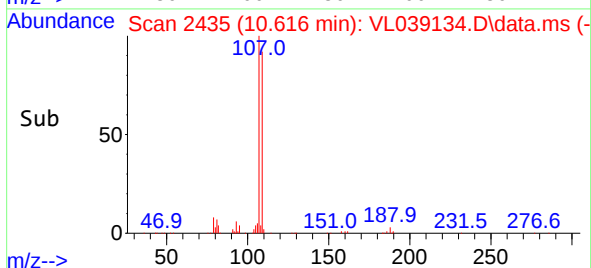
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

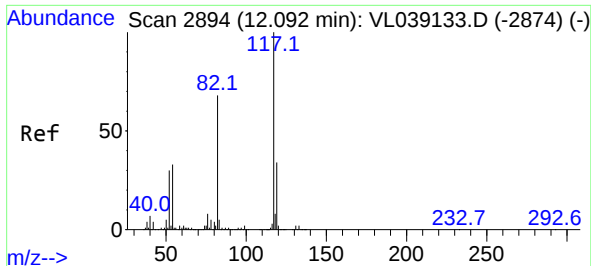


#54
1,2-Dibromoethane
Concen: 1.956 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



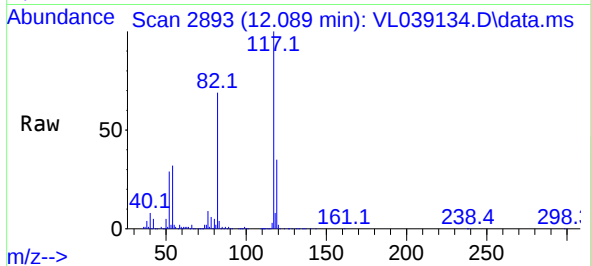
Tgt Ion:107 Resp: 327356
Ion Ratio Lower Upper
107 100
109 91.5 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

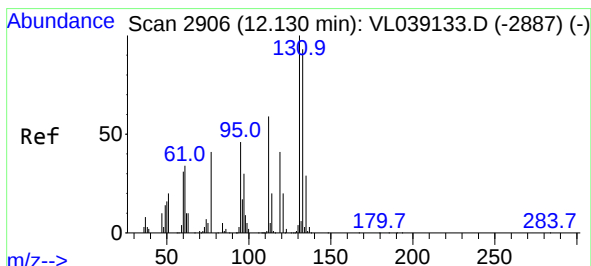
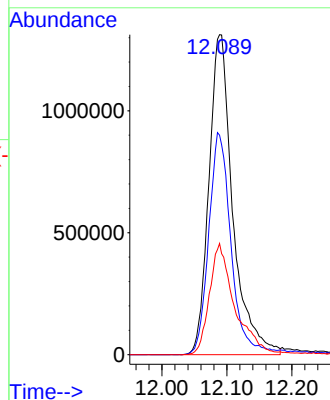
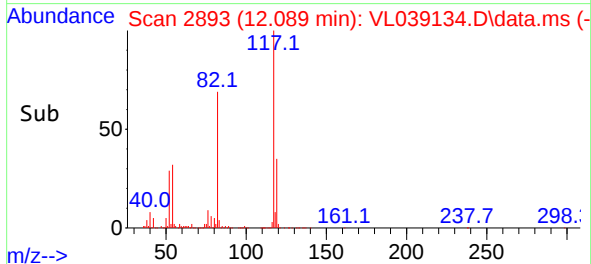
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



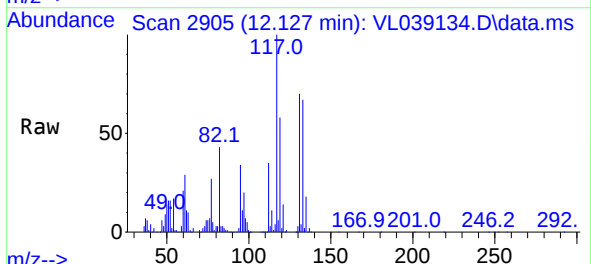
Tgt Ion:117 Resp: 334866
Ion Ratio Lower Upper
117 100
82 67.0 55.1 82.7
119 37.2 24.7 37.1

Manual Integrations
APPROVED

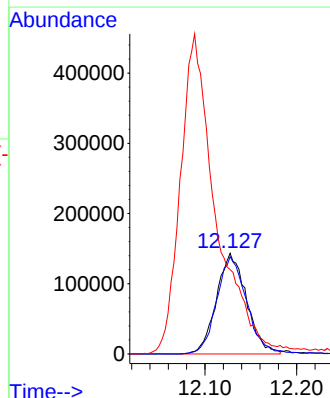
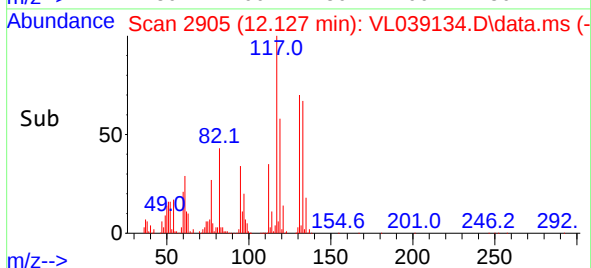
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

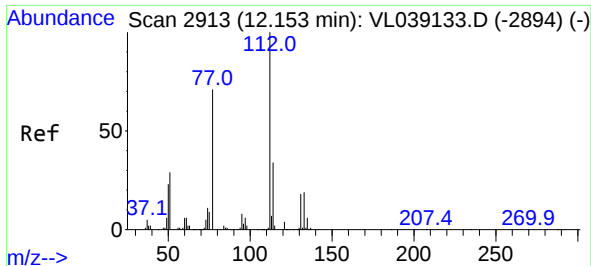


#56
1,1,1,2-Tetrachloroethane
Concen: 2.217 ppbv
RT: 12.127 min Scan# 2905
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



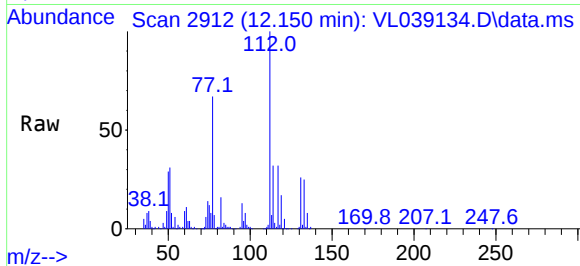
Tgt Ion:131 Resp: 325734
Ion Ratio Lower Upper
131 100
133 98.2 78.6 117.8
119 387.4 51.7 77.5





#57
Chlorobenzene
Concen: 2.080 ppbv
RT: 12.150 min Scan# 2913
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

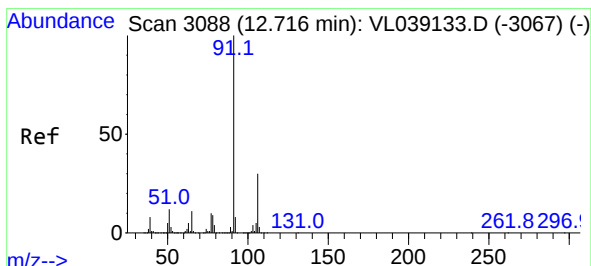
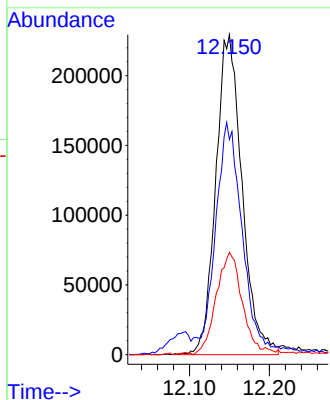
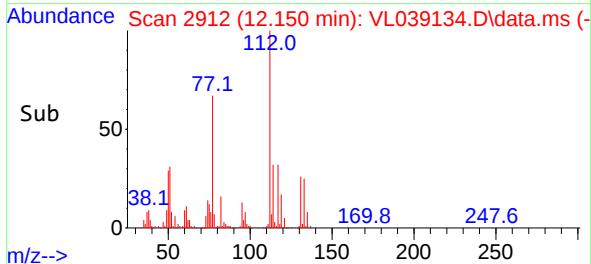
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



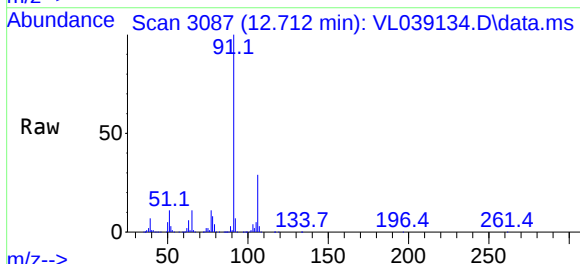
Tgt Ion:112 Resp: 522000
Ion Ratio Lower Upper
112 100
77 64.6 56.5 84.7
114 31.7 30.3 37.1

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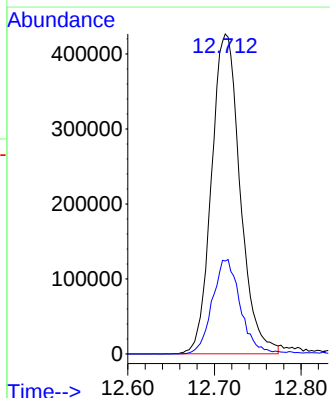
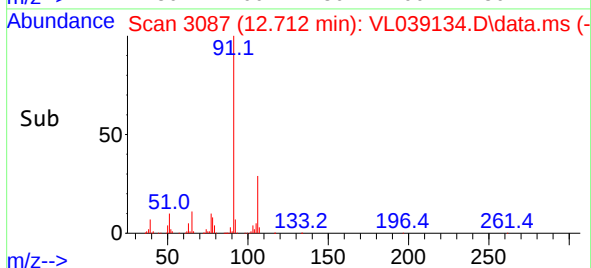
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

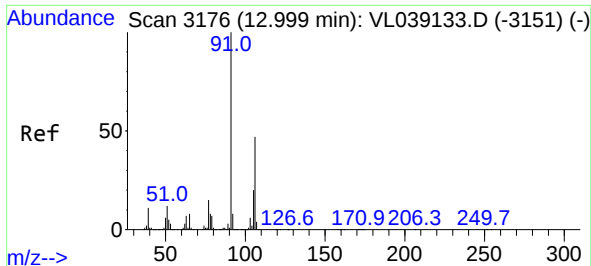


#58
Ethyl Benzene
Concen: 2.034 ppbv
RT: 12.712 min Scan# 3087
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



Tgt Ion: 91 Resp: 980032
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.4





#59

m/p-Xylene

Concen: 4.173 ppbv m

RT: 12.995 min Scan# 3176

Delta R.T. -0.003 min

Lab File: VL039134.D

Acq: 31 May 2022 16:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 91 Resp: 171700

Ion Ratio Lower Upper

91 100

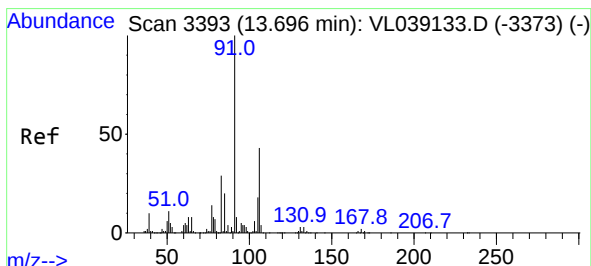
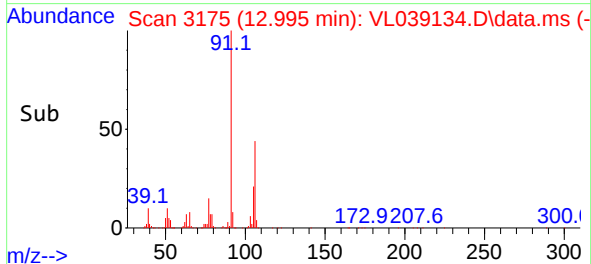
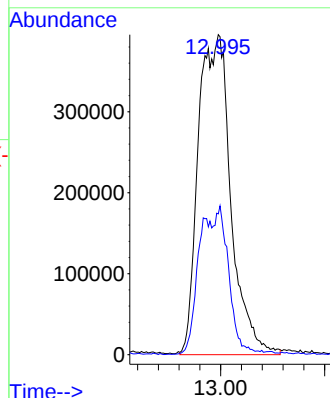
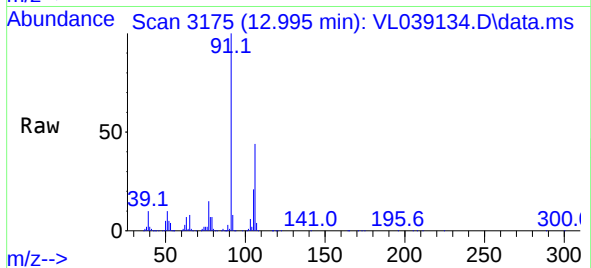
106 41.9 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#60

o-Xylene

Concen: 2.091 ppbv

RT: 13.690 min Scan# 3391

Delta R.T. -0.006 min

Lab File: VL039134.D

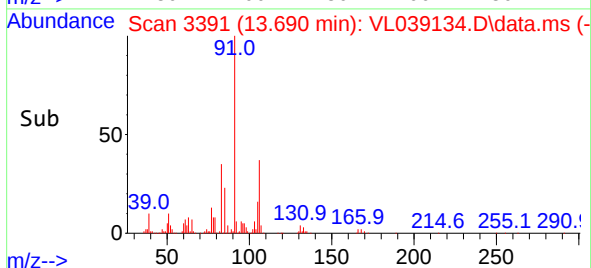
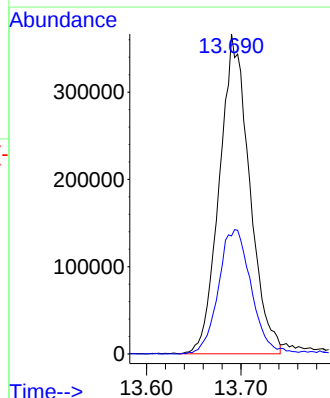
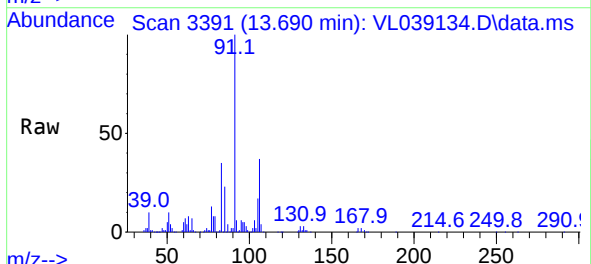
Acq: 31 May 2022 16:54

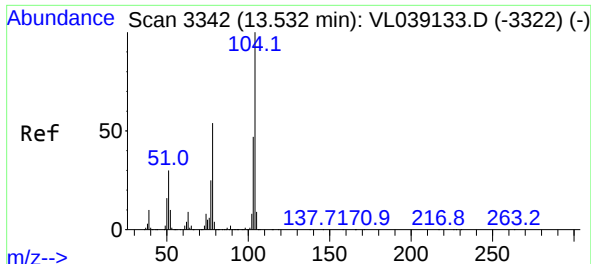
Tgt Ion: 91 Resp: 809591

Ion Ratio Lower Upper

91 100

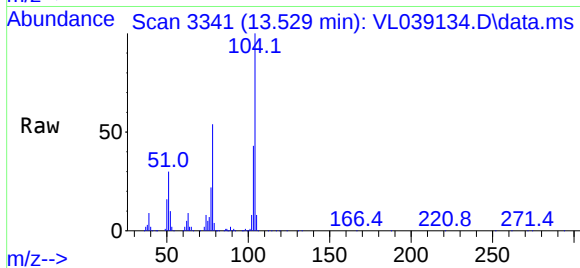
106 42.7 22.3 66.9





#61
Styrene
Concen: 2.065 ppbv
RT: 13.529 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

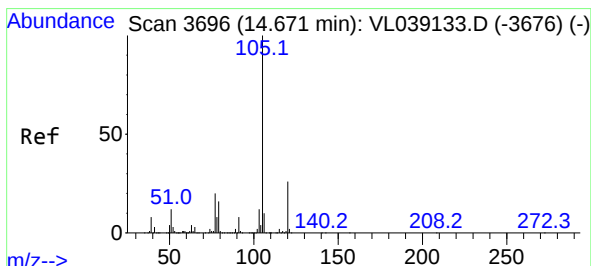
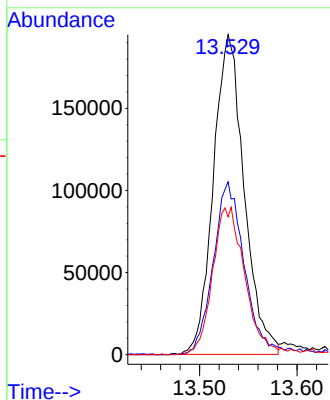
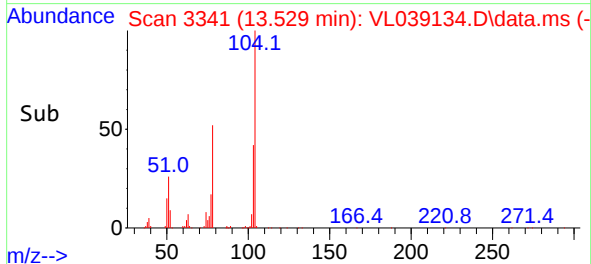
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



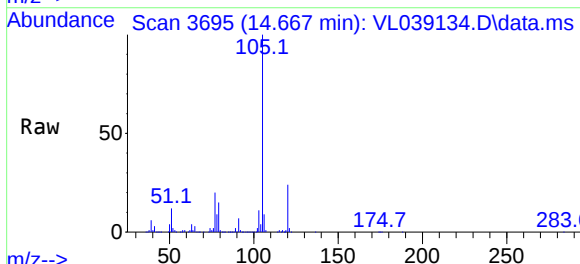
Tgt Ion:104 Resp: 426779
Ion Ratio Lower Upper
104 100
78 56.0 45.7 68.5
103 49.8 39.6 59.4

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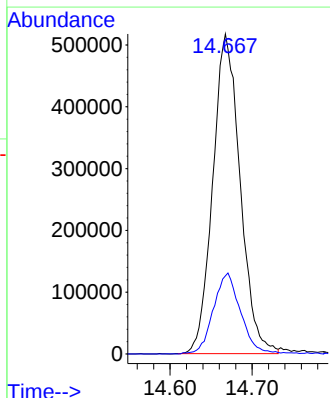
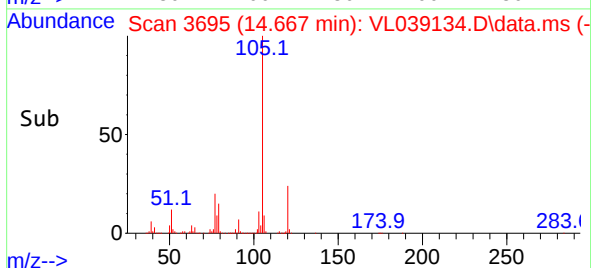
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

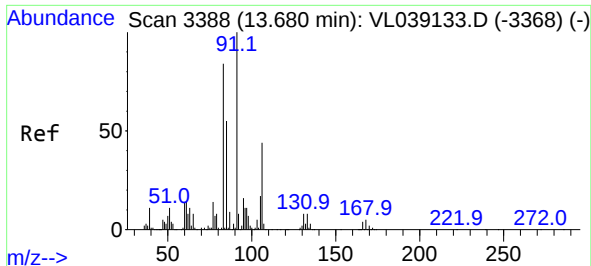


#62
Isopropylbenzene
Concen: 2.119 ppbv
RT: 14.667 min Scan# 3695
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



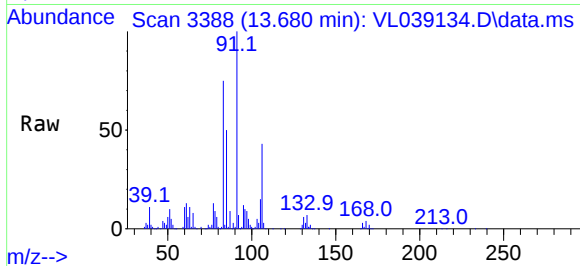
Tgt Ion:105 Resp: 1199861
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 1.899 ppbv
RT: 13.680 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

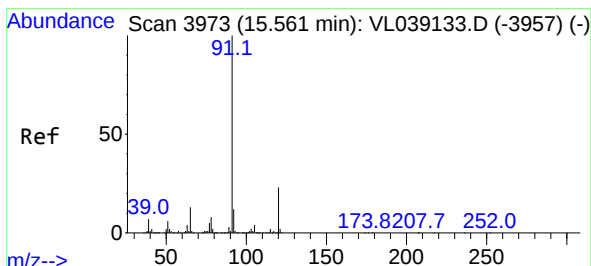
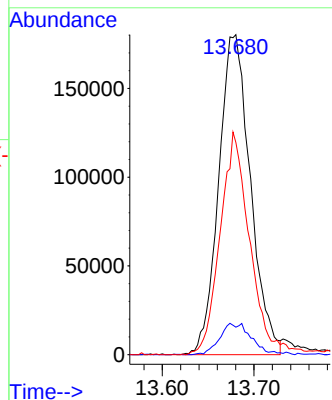
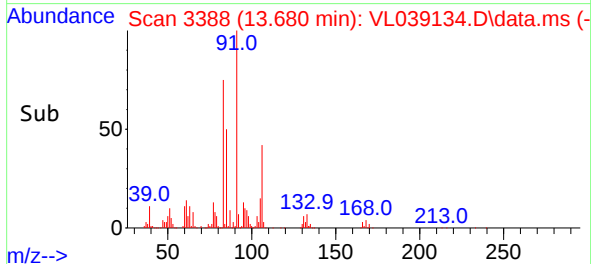
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



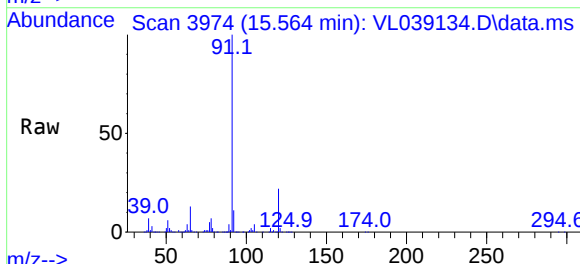
Tgt Ion: 83 Resp: 432940
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 66.1 33.0 99.0

Manual Integrations
APPROVED

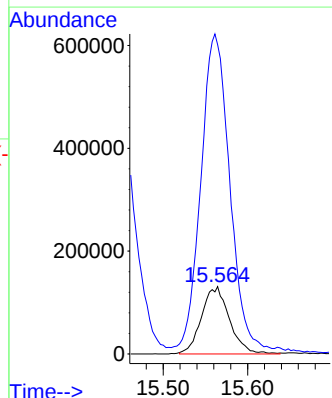
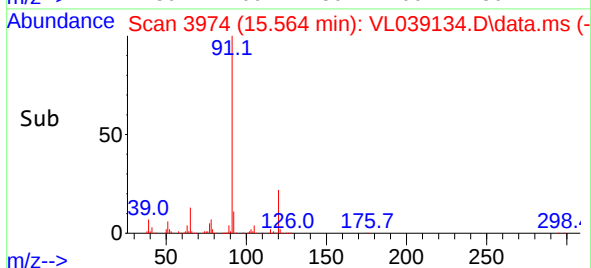
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

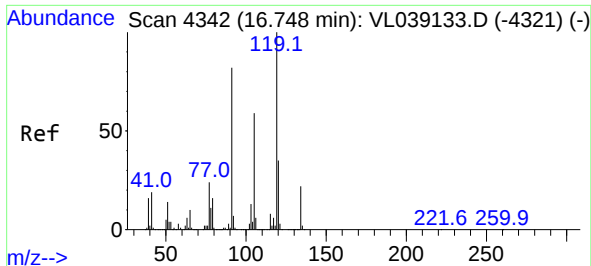


#64
n-propylbenzene
Concen: 2.191 ppbv m
RT: 15.564 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



Tgt Ion:120 Resp: 299885
Ion Ratio Lower Upper
120 100
91 503.4 388.4 582.6





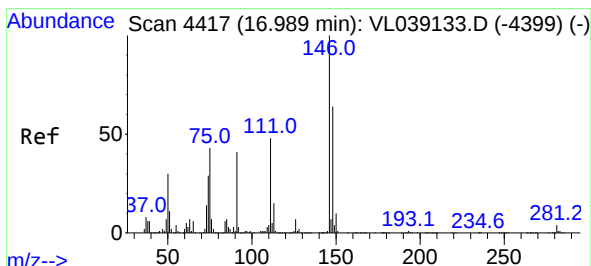
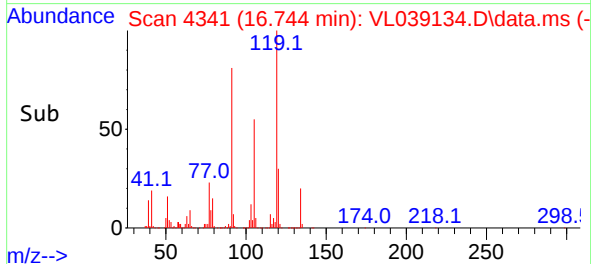
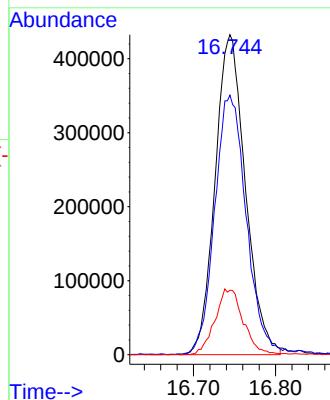
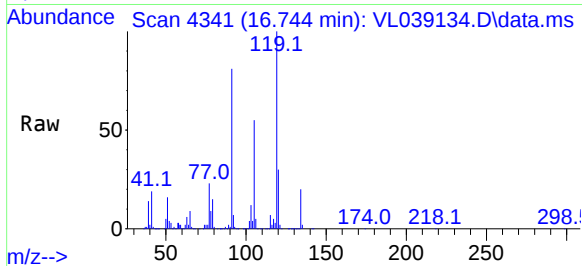
#65
tert-Butylbenzene
Concen: 2.237 ppbv
RT: 16.744 min Scan# 4342
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 119 Resp: 1109830
Ion Ratio Lower Upper
119 100
91 85.1 67.1 100.7
134 19.4 15.8 23.8

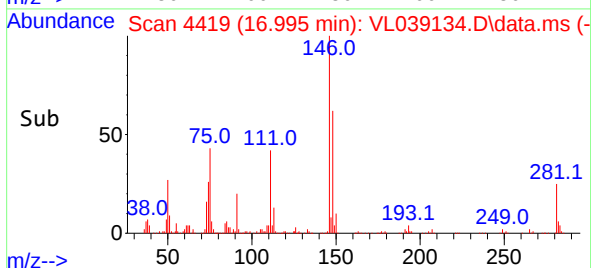
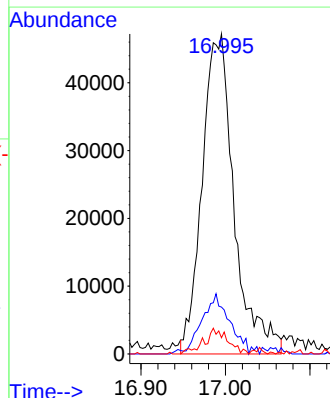
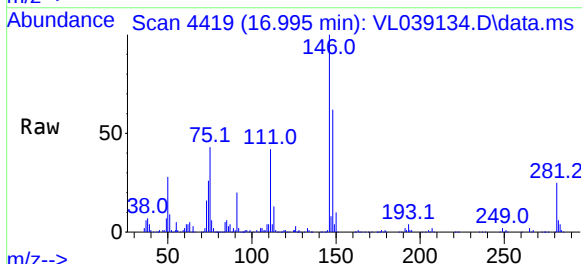
Manual Integrations
APPROVED

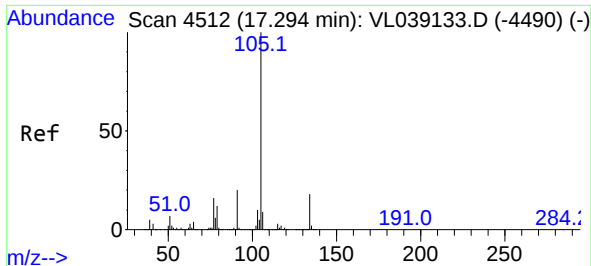
Reviewed By : Semsettin Yesilyurt 06/01/2022
Supervised By : Mahesh Dadoda 06/01/2022



#66
Benzyl Chloride
Concen: 1.909 ppbv m
RT: 16.995 min Scan# 4419
Delta R.T. 0.006 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

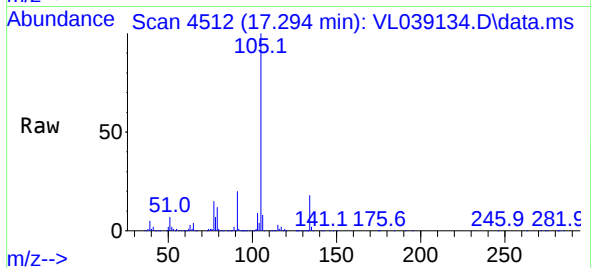
Tgt Ion: 91 Resp: 123833
Ion Ratio Lower Upper
91 100
126 17.8 13.4 20.0
128 6.8 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 2.156 ppbv
 RT: 17.294 min Scan# 4512
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54

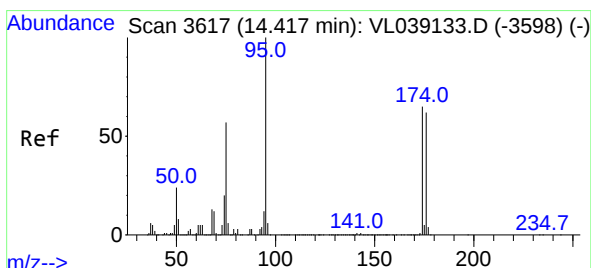
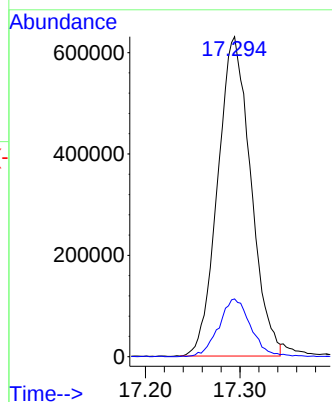
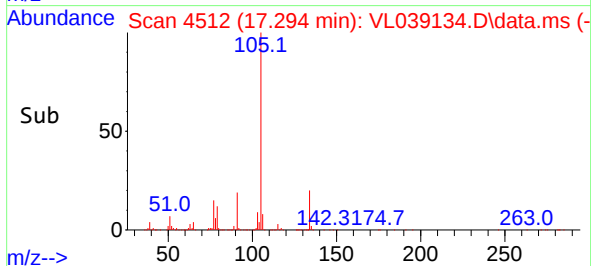
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



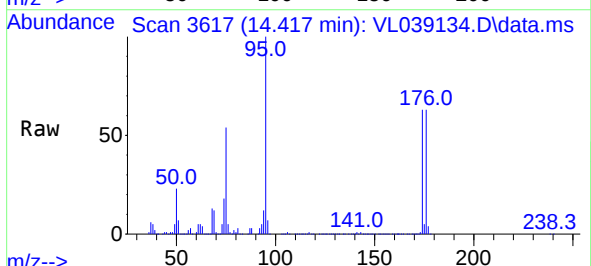
Tgt Ion:105 Resp: 1527978
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.4 21.6

Manual Integrations
 APPROVED

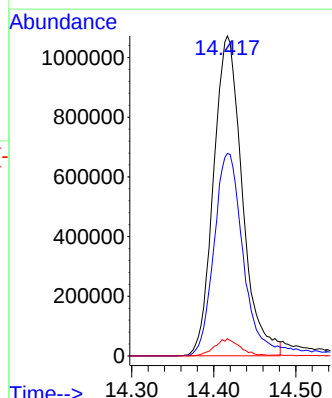
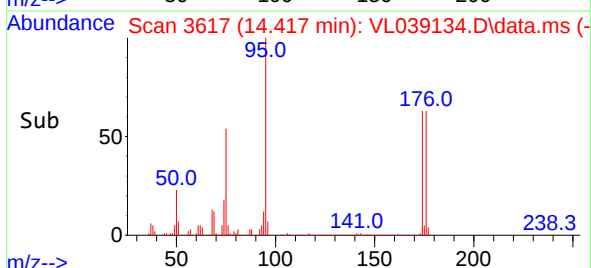
Reviewed By :Semsettin Yesilyurt 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

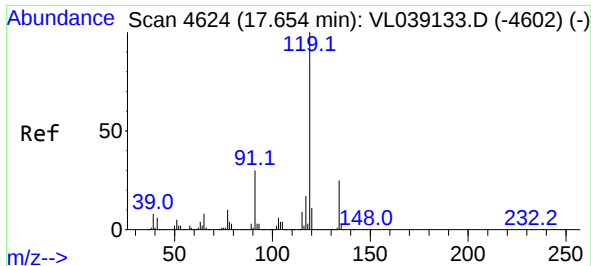


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.858 ppbv
 RT: 14.417 min Scan# 3617
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54



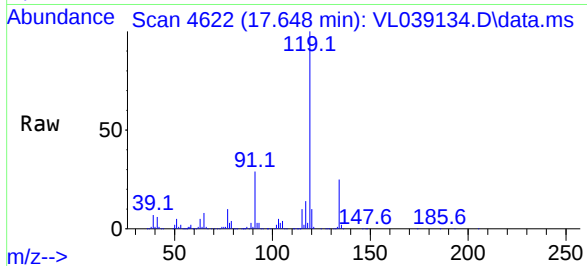
Tgt Ion: 95 Resp: 2614279
 Ion Ratio Lower Upper
 95 100
 174 67.7 53.8 80.8
 175 5.1 4.1 6.1





#69
p-Isopropyltoluene
Concen: 2.276 ppbv
RT: 17.648 min Scan# 4622
Delta R.T. -0.006 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

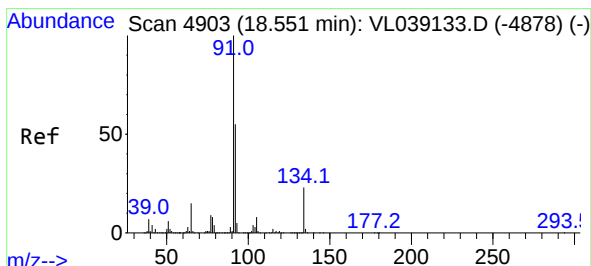
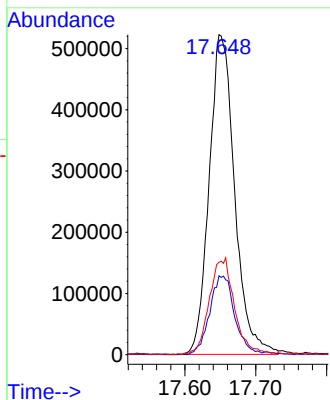
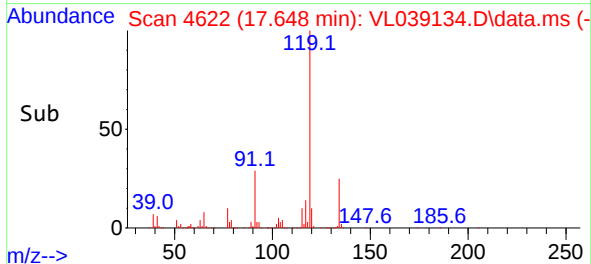
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



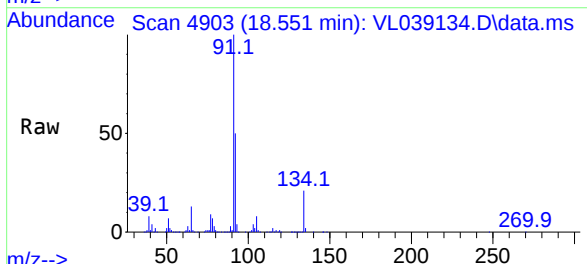
Tgt Ion: 119 Resp: 1303590
Ion Ratio Lower Upper
119 100
134 24.7 20.4 30.6
91 29.7 24.2 36.4

Manual Integrations
APPROVED

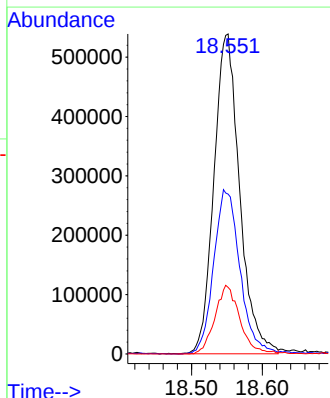
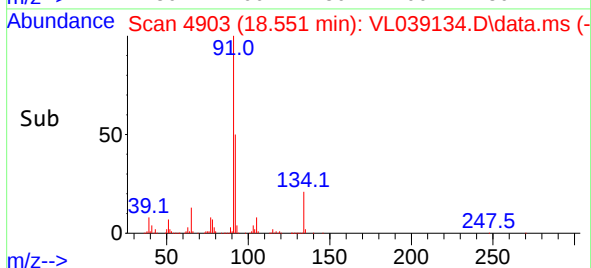
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

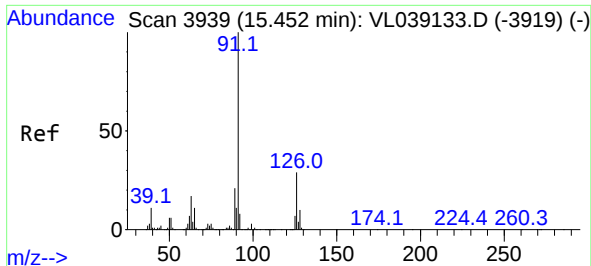


#70
n-Butylbenzene
Concen: 2.233 ppbv
RT: 18.551 min Scan# 4903
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



Tgt Ion: 91 Resp: 1358774
Ion Ratio Lower Upper
91 100
92 52.9 43.6 65.4
134 21.0 17.7 26.5





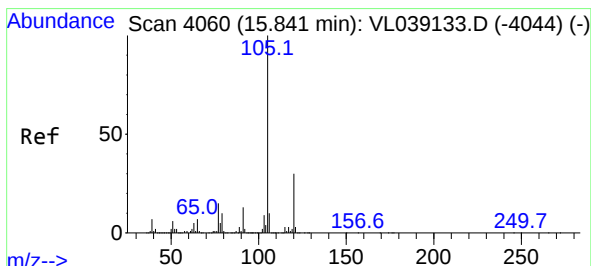
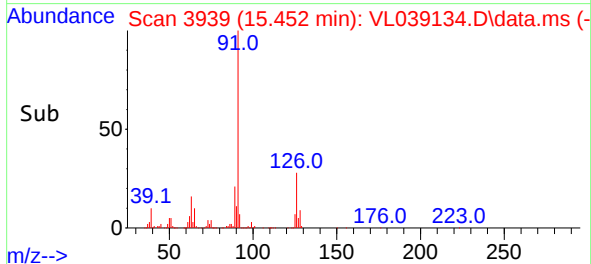
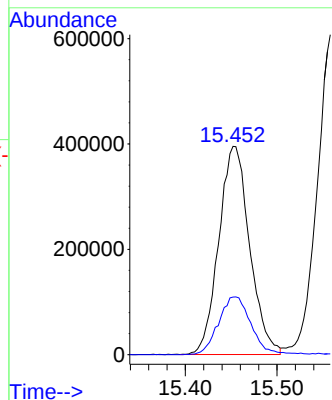
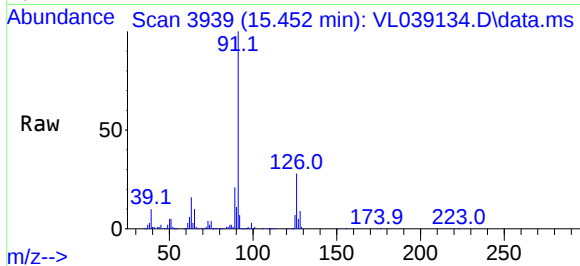
#71
2-Chlorotoluene
Concen: 2.117 ppbv
RT: 15.452 min Scan# 3939
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 924022
Ion Ratio Lower Upper
91 100
126 29.9 12.2 48.6

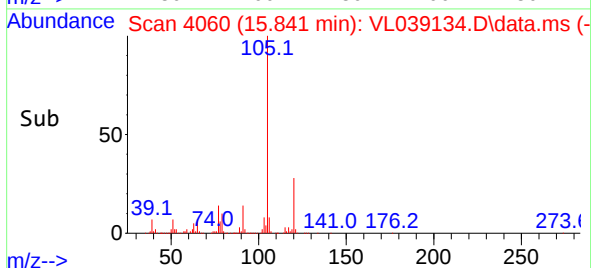
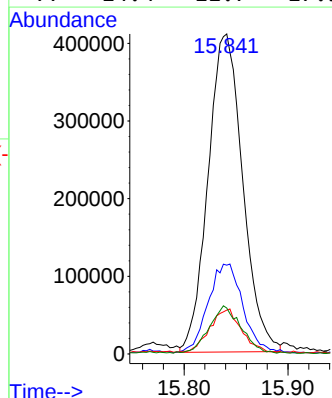
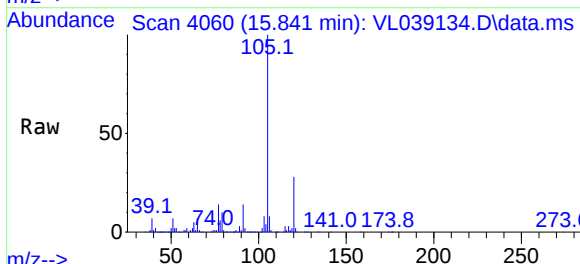
Manual Integrations
APPROVED

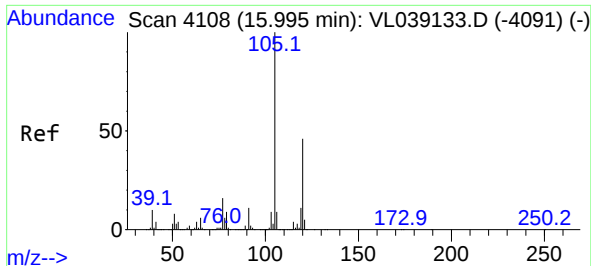
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#72
4-Ethyltoluene
Concen: 2.153 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

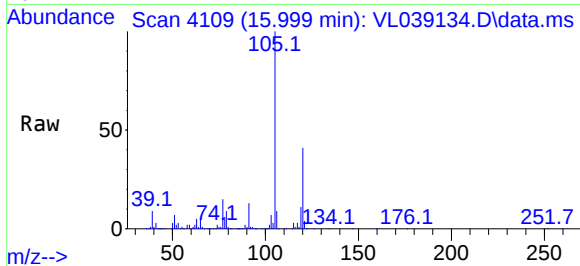
Tgt Ion:105 Resp: 950052
Ion Ratio Lower Upper
105 100
120 28.8 23.9 35.9
91 12.5 10.6 16.0
77 14.4 11.7 17.5





#73
1,3,5-Trimethylbenzene
Concen: 2.198 ppbv
RT: 15.999 min Scan# 4109
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

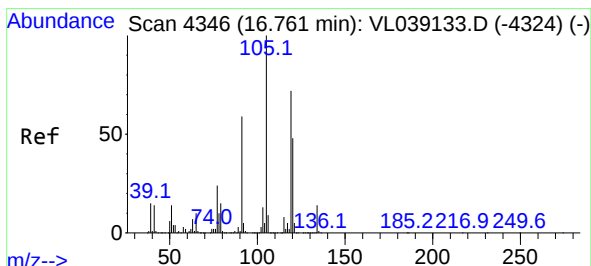
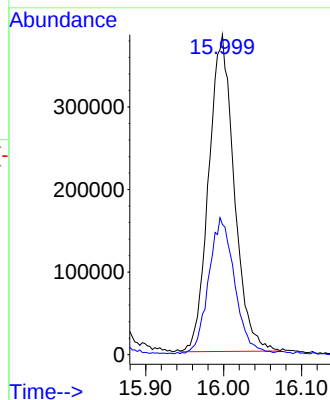
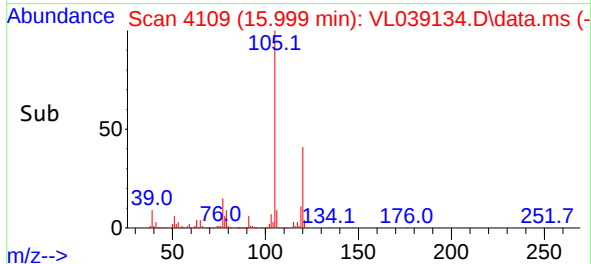
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



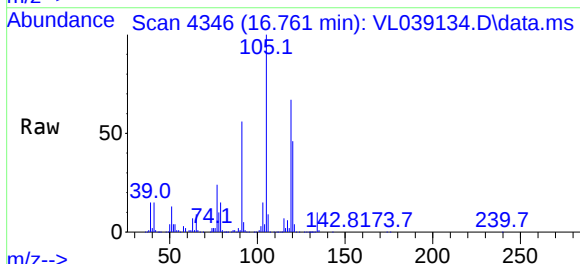
Tgt Ion:105 Resp: 872940
Ion Ratio Lower Upper
105 100
120 40.8 36.7 55.1

Manual Integrations
APPROVED

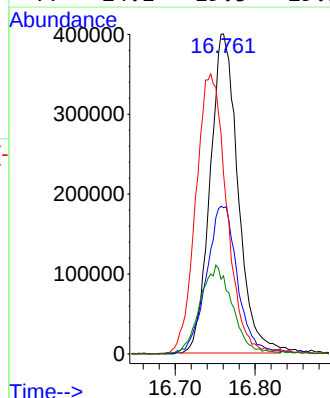
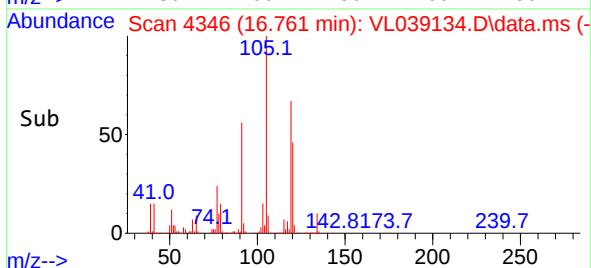
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

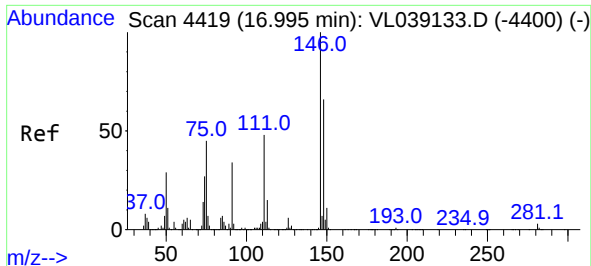


#74
1,2,4-Trimethylbenzene
Concen: 2.220 ppbv
RT: 16.761 min Scan# 4346
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



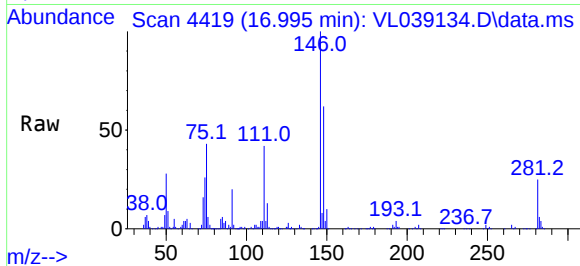
Tgt Ion:105 Resp: 965634
Ion Ratio Lower Upper
105 100
120 45.0 38.1 57.1
91 55.1 47.4 71.0
77 24.1 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 2.236 ppbv
RT: 16.995 min Scan# 4419
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

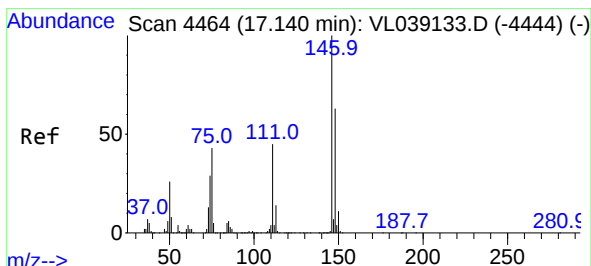
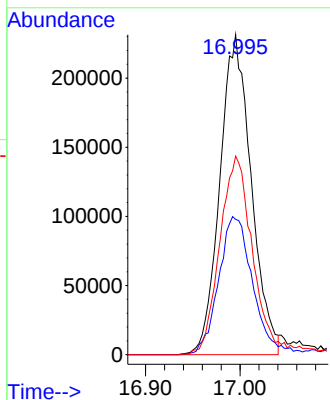
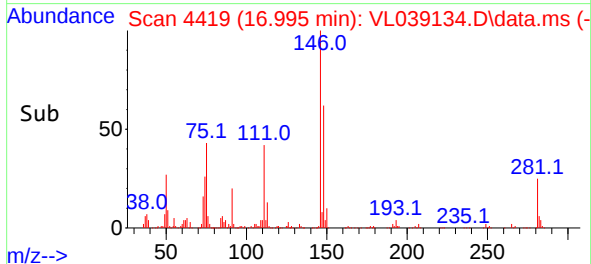
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



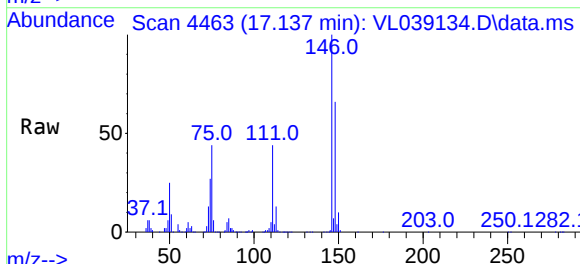
Tgt Ion:146 Resp: 532839
Ion Ratio Lower Upper
146 100
111 47.2 23.8 71.4
148 66.3 32.4 97.0

Manual Integrations
APPROVED

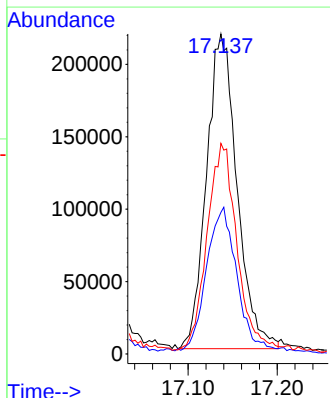
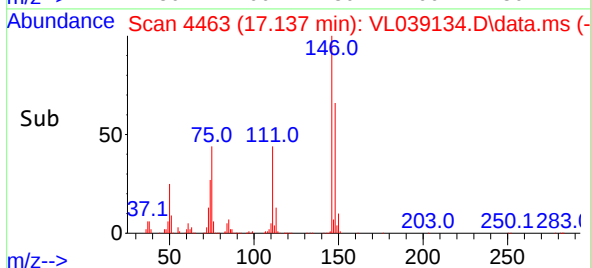
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

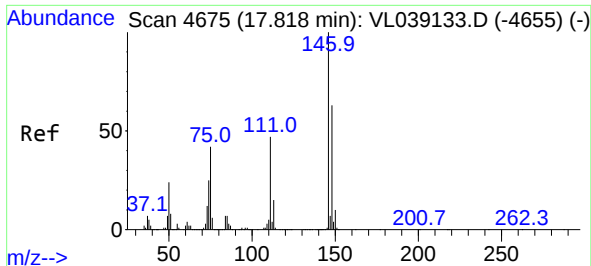


#76
1,4-Dichlorobenzene
Concen: 2.209 ppbv
RT: 17.137 min Scan# 4463
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



Tgt Ion:146 Resp: 517796
Ion Ratio Lower Upper
146 100
111 48.3 23.6 71.0
148 68.8 33.7 101.0





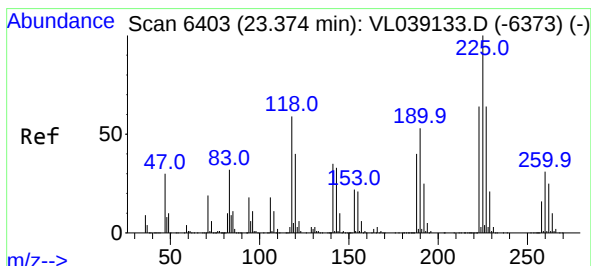
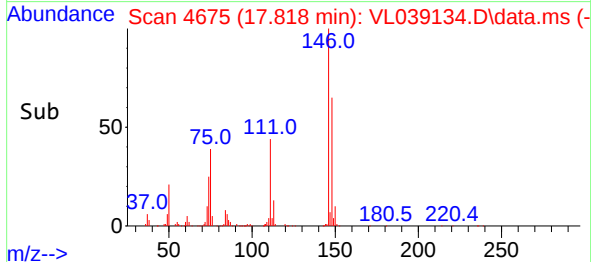
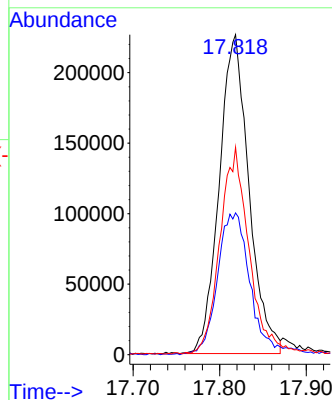
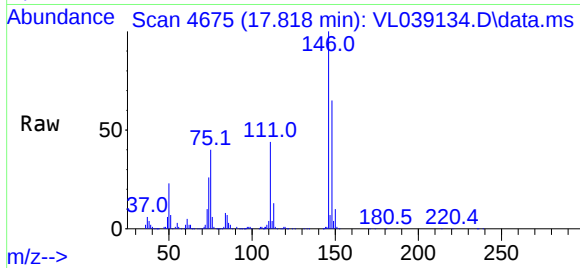
#77
1,2-Dichlorobenzene
Concen: 2.290 ppbv
RT: 17.818 min Scan# 4675
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 53966
Ion Ratio Lower Upper
146 100
111 48.9 24.4 73.4
148 63.8 32.1 96.5

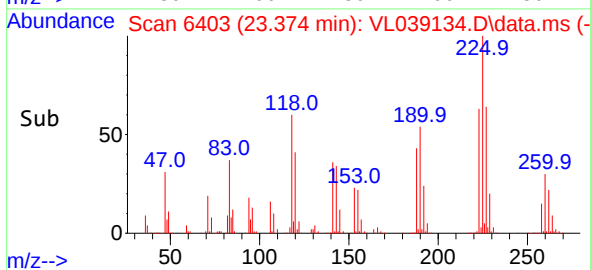
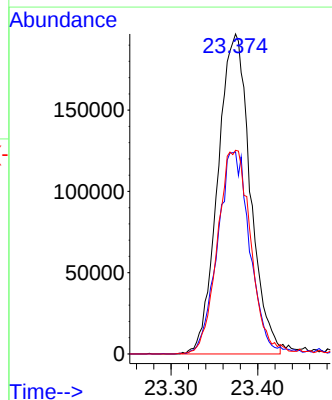
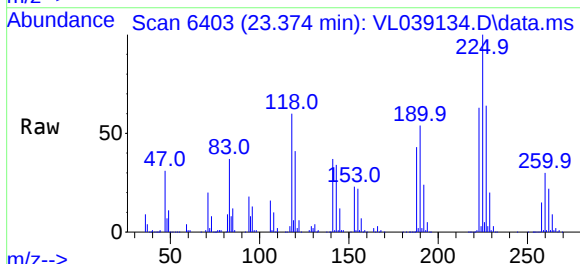
Manual Integrations
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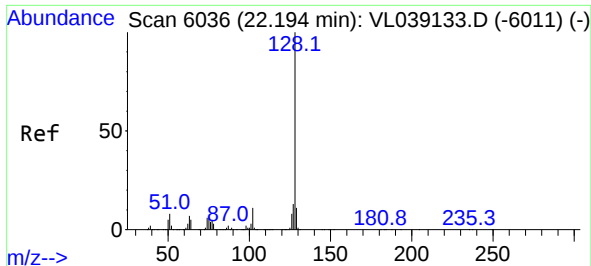
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#78
Hexachloro-1,3-Butadiene
Concen: 2.363 ppbv
RT: 23.374 min Scan# 6403
Delta R.T. 0.000 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

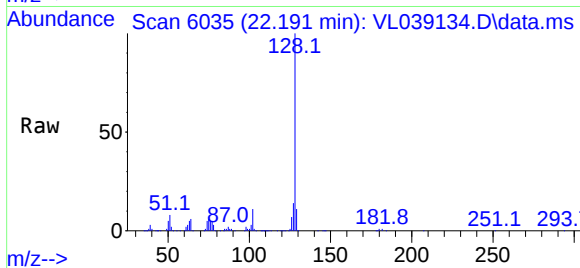
Tgt Ion:225 Resp: 511907
Ion Ratio Lower Upper
225 100
223 64.5 51.4 77.0
227 66.1 50.6 75.8





#79
Naphthalene
Concen: 2.267 ppbv
RT: 22.191 min Scan# 6035
Delta R.T. -0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

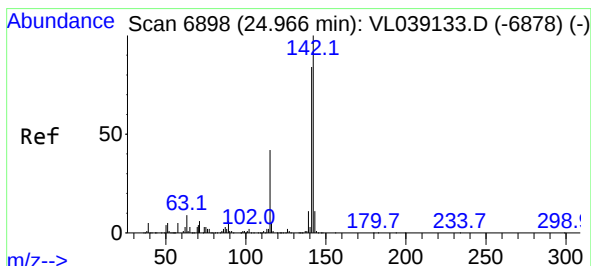
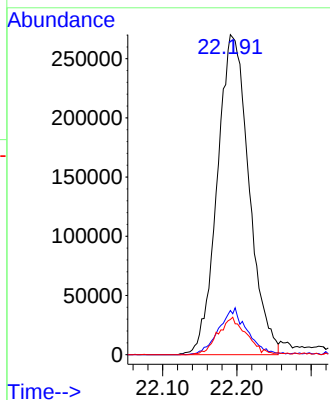
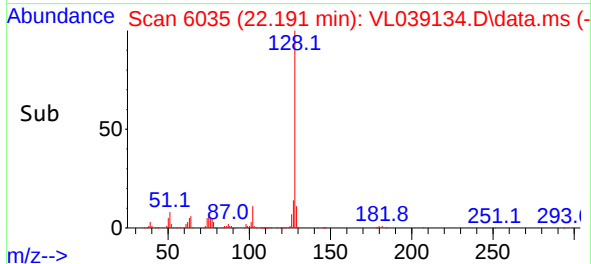
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



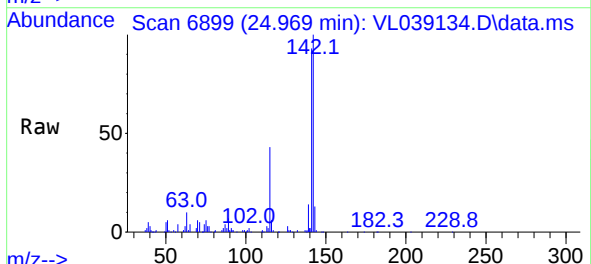
Tgt Ion:128 Resp: 800902
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.0 9.0 13.6

Manual Integrations
APPROVED

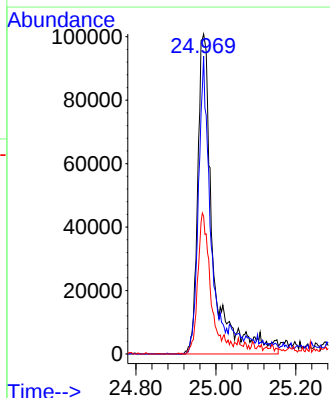
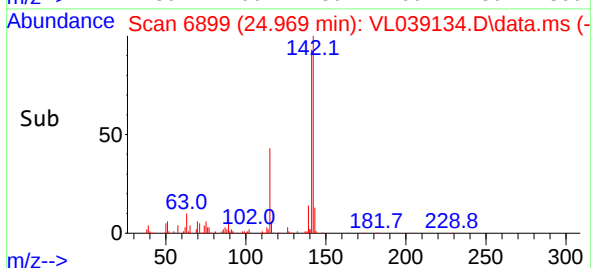
Reviewed By :Semsettin Yesilyurt 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

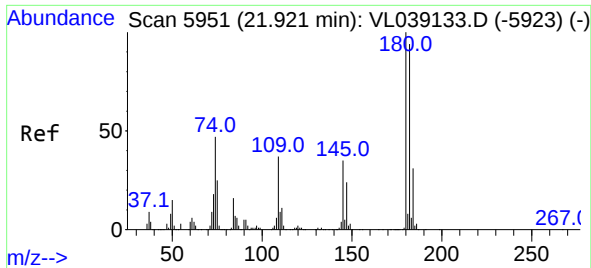


#80
Naphthalene,2-methyl-
Concen: 2.543 ppbv
RT: 24.969 min Scan# 6899
Delta R.T. 0.003 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54



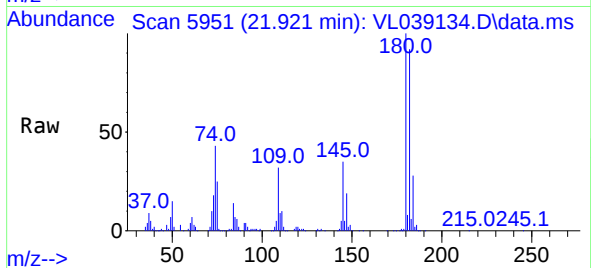
Tgt Ion:142 Resp: 271781
Ion Ratio Lower Upper
142 100
141 80.3 64.6 96.8
115 39.7 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 2.276 ppbv
 RT: 21.921 min Scan# 5951
 Delta R.T. 0.000 min
 Lab File: VL039134.D
 Acq: 31 May 2022 16:54

Instrument : MSVOA_L
 ClientSampleId : VSTDIC002



Tgt Ion:180 Resp: 47129
 Ion Ratio Lower Upper
 180 100
 182 95.8 0.0 0.0
 184 30.2 0.0 0.0

Manual Integrations
 APPROVED

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

