

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039898.D
 Acq On : 18 Nov 2022 10:04
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 11:20:13 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 19 2022

QLast Update : Fri Nov 18 11:17:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1264089	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3877471	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3619963	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2753157 10.161 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.710	85	198450	0.930	ppbv	96
3) Chlorodifluoromethane	2.655	51	183052	1.215	ppbv	98
4) Chloromethane	2.793	50	115326	1.229	ppbv	94
5) Vinyl Chloride	2.899	62	90347	1.189	ppbv	97
6) Bromomethane	3.099	94	30229	1.115	ppbv	85
7) Chloroethane	3.179	64	33941	1.192	ppbv	99
8) Dichlorotetrafluoroethane	2.835	85	218128	1.199	ppbv	97
9) Propene	2.674	41	85769	1.092	ppbv	98
10) Heptane	7.568	43	209295	1.113	ppbv	98
11) Trichlorofluoromethane	3.546	101	228396	1.312	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	173781	1.382	ppbv	99
13) Ethanol	3.243	45	6869m	1.238	ppbv	
14) Bromoethene	3.346	108	62176	1.105	ppbv	88
15) Acetone	3.459	43	183670	1.194	ppbv	100
16) 1,3-Butadiene	2.967	39	83374	1.165	ppbv	90
17) tert-Butyl alcohol	3.870	59	205565	1.403	ppbv	98
18) 1,1-Dichloroethene	3.861	96	75895	1.317	ppbv	96
19) Isopropyl Alcohol	3.574	45	90284	1.186	ppbv #	36
20) Methylene Chloride	3.915	84	95168	1.729	ppbv	92
21) Allyl Chloride	3.980	41	115920	1.191	ppbv	95
22) trans-1,2-Dichloroethene	4.430	96	75639	1.293	ppbv	89
23) Vinyl Acetate	4.610	43	66352	1.082	ppbv #	97
24) 1,1-Dichloroethane	4.545	63	167353	1.337	ppbv	96
25) Ethyl Acetate	5.195	43	323207	1.020	ppbv	98
26) Hexane	5.198	57	140257	0.993	ppbv	94
27) Carbon Disulfide	4.108	76	151576	1.021	ppbv #	85
28) Methyl tert-Butyl Ether	4.578	73	175092	1.369	ppbv	100
29) Chloroform	5.256	83	188863	0.950	ppbv	93
30) Cyclohexane	6.590	84	132352	1.120	ppbv	93
31) cis-1,2-Dichloroethene	5.063	61	121377	0.942	ppbv	96
32) 1,1,1-Trichloroethane	5.989	97	223654	1.131	ppbv	95
34) 2-Butanone	4.783	43	174623	1.092	ppbv	94
35) Carbon Tetrachloride	6.481	117	221153	0.978	ppbv	98
36) Benzene	6.356	78	340911	1.042	ppbv	94
37) 1,2-Dichloroethane	5.790	62	178150	1.135	ppbv	97
38) Trichloroethene	7.282	130	189372	1.082	ppbv	98
39) 1,2-Dichloropropane	7.060	63	129316	1.015	ppbv	95
40) 1,4-Dioxane	7.311	88	52650m	1.079	ppbv	
41) Tetrahydrofuran	5.562	42	127753	0.956	ppbv	98
42) Bromodichloromethane	7.237	83	236310	0.943	ppbv	98
43) Methyl Methacrylate	7.465	69	127029	0.983	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	563140	1.020	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	101727	0.822	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
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 Misc : 400mL/MSVOA_L
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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 11:20:13 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

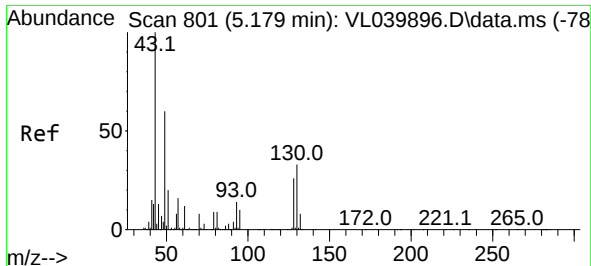
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Fri Nov 18 11:17:48 2022

Response via : Initial Calibration

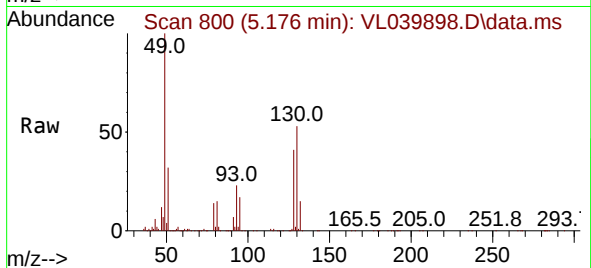
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	153271	0.907	ppbv	97
47) 1,1,2-Trichloroethane	8.893	97	133305m	1.033	ppbv	
48) Dibromochloromethane	9.706	129	177653	0.808	ppbv	98
49) Bromoform	12.404	173	134160	0.759	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	331627	1.013	ppbv	100
51) 2-Hexanone	9.565	43	247614	0.970	ppbv #	99
52) Tetrachloroethene	10.610	164	123206	1.005	ppbv	95
53) Toluene	9.208	91	387454	1.033	ppbv	99
54) 1,2-Dibromoethane	10.002	107	143459	1.002	ppbv	88
56) 1,1,1,2-Tetrachloroethane	11.503	131	142740	0.922	ppbv #	1
57) Chlorobenzene	11.519	112	289037	1.053	ppbv	96
58) Ethyl Benzene	12.082	91	515690	1.054	ppbv	95
59) m/p-Xylene	12.365	91	859711m	2.104	ppbv	
60) o-Xylene	13.053	91	417092	1.078	ppbv	99
61) Styrene	12.896	104	235356	0.988	ppbv	98
62) Isopropylbenzene	14.031	105	589027	1.043	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	100207	0.695	ppbv	75
64) n-propylbenzene	14.921	120	152717	1.011	ppbv	88
65) tert-Butylbenzene	16.095	119	526594m	1.062	ppbv	
66) Benzyl Chloride	16.333	91	35003m	0.607	ppbv	
67) sec-Butylbenzene	16.645	105	724390	1.073	ppbv	97
69) p-Isopropyltoluene	17.002	119	589311	1.053	ppbv	99
70) n-Butylbenzene	17.895	91	572010	1.057	ppbv	99
71) 2-Chlorotoluene	14.799	91	438197	1.033	ppbv	100
72) 4-Ethyltoluene	15.198	105	455201	1.044	ppbv	98
73) 1,3,5-Trimethylbenzene	15.355	105	403479	1.044	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	453555	1.105	ppbv	97
75) 1,3-Dichlorobenzene	16.339	146	246369	1.028	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	238694	1.015	ppbv	99
77) 1,2-Dichlorobenzene	17.153	146	230135	1.018	ppbv	95
78) Hexachloro-1,3-Butadiene	22.654	225	172579	1.031	ppbv	96
79) Naphthalene	21.400	128	260634	0.873	ppbv	98
80) Naphthalene,2-methyl-	24.394	142	60403	0.477	ppbv	95
81) 1,2,4-Trichlorobenzene	21.156	180	161756m	0.969	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 801
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

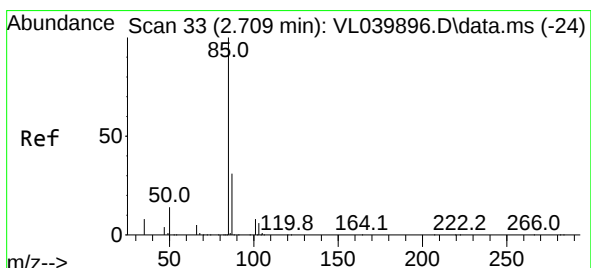
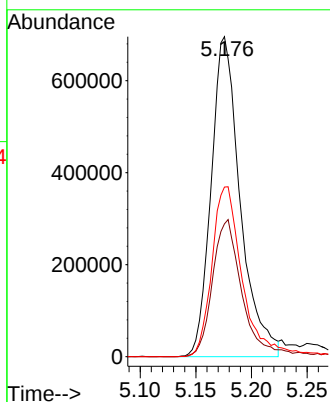
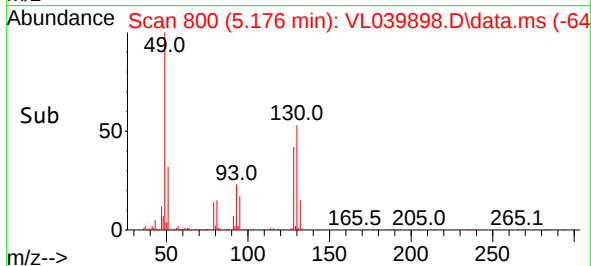
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 49 Resp: 1264089
Ion Ratio Lower Upper
49 100
128 44.9 22.1 66.3
130 57.2 27.7 83.1

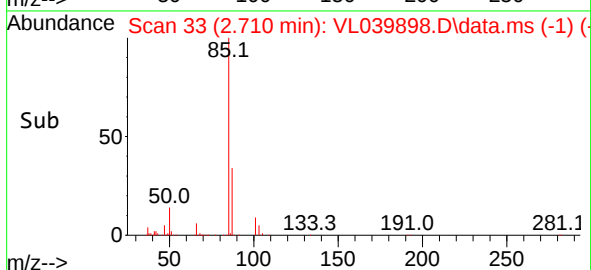
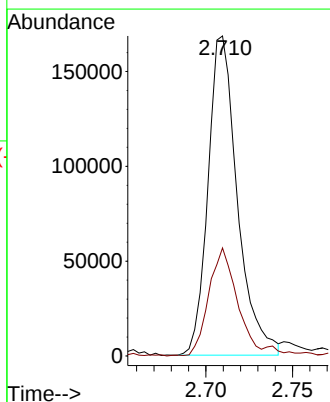
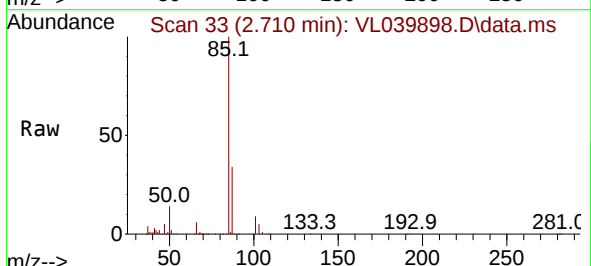
Manual Integrations
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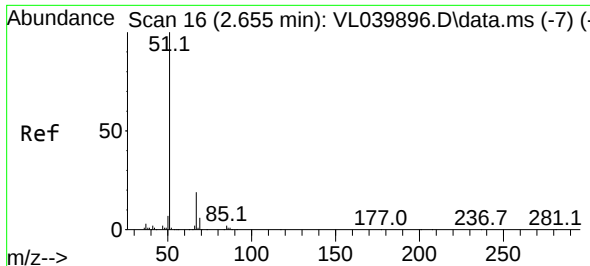
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#2
Dichlorodifluoromethane
Concen: 0.930 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

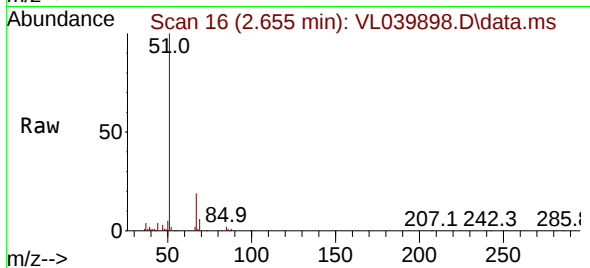
Tgt Ion: 85 Resp: 198450
Ion Ratio Lower Upper
85 100
87 33.6 25.0 37.4





#3
Chlorodifluoromethane
Concen: 1.215 ppbv
RT: 2.655 min Scan# 16
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

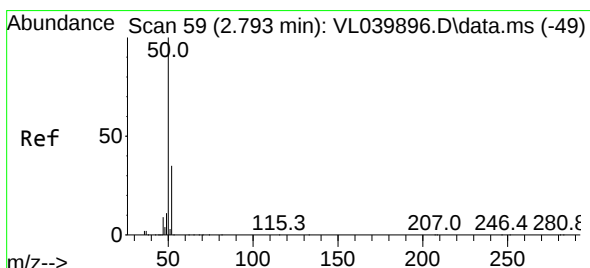
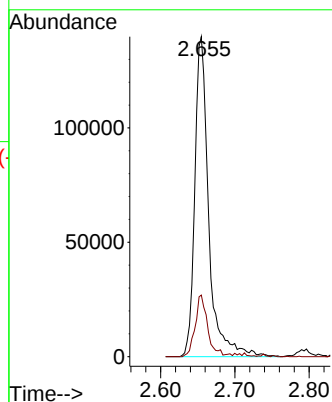
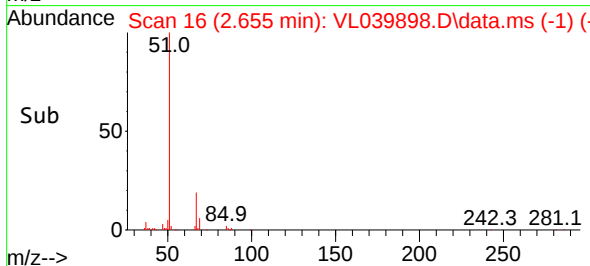
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



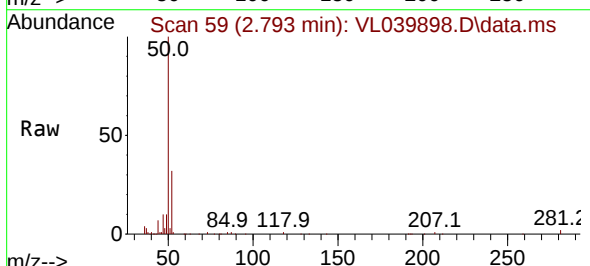
Tgt Ion: 51 Resp: 183052
Ion Ratio Lower Upper
51 100
67 18.7 14.2 21.4

Manual Integrations
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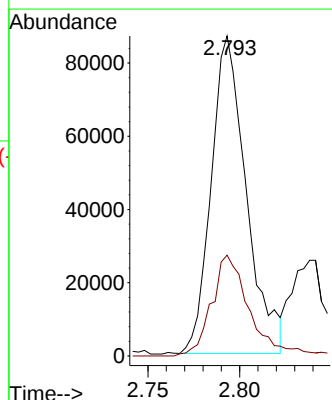
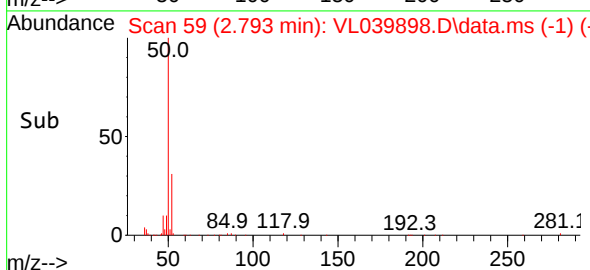
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

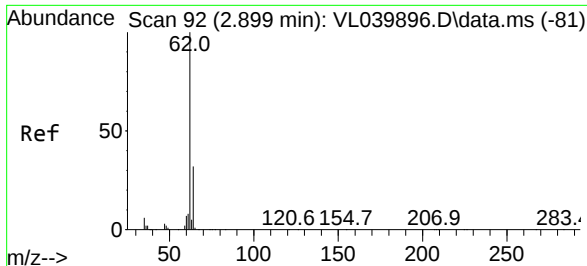


#4
Chloromethane
Concen: 1.229 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



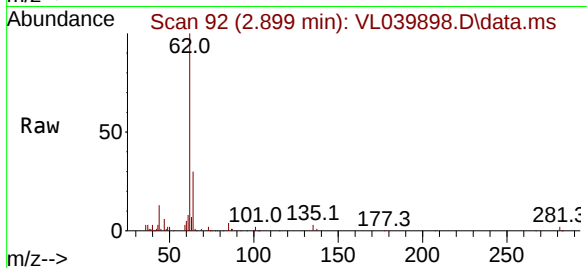
Tgt Ion: 50 Resp: 115326
Ion Ratio Lower Upper
50 100
52 31.2 27.8 41.8





#5
 Vinyl Chloride
 Concen: 1.189 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

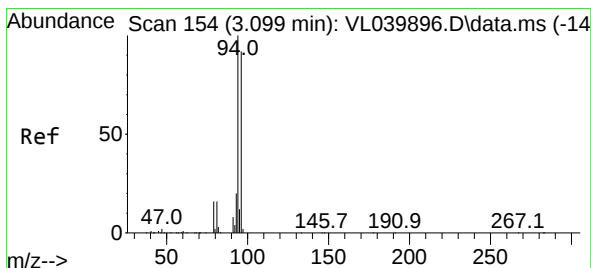
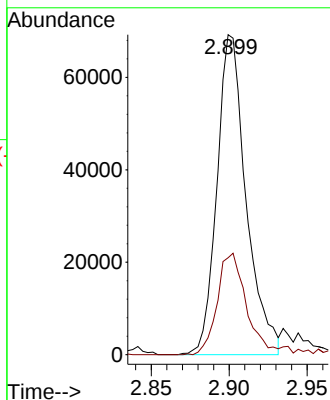
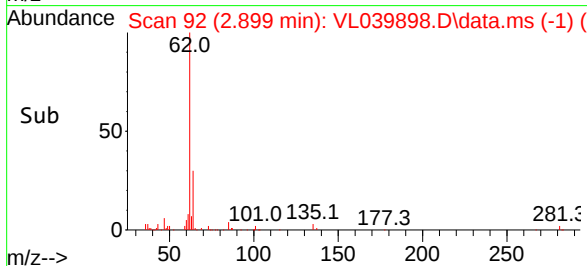
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 9034
 Ion Ratio Lower Upper
 62 100
 64 30.3 25.7 38.5

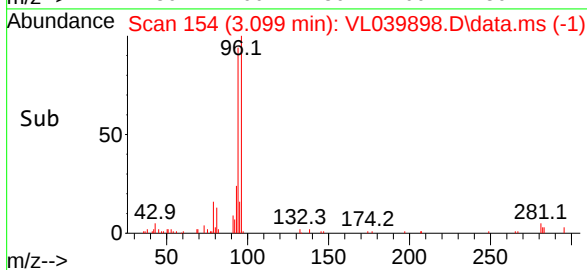
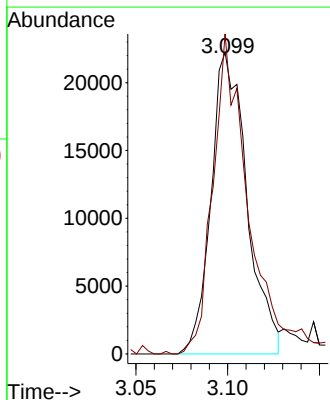
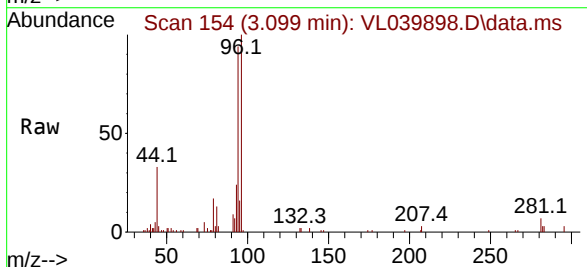
Manual Integrations
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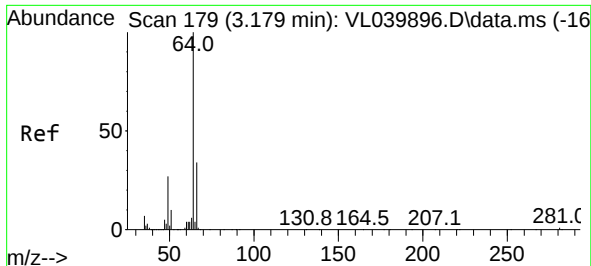
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#6
 Bromomethane
 Concen: 1.115 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

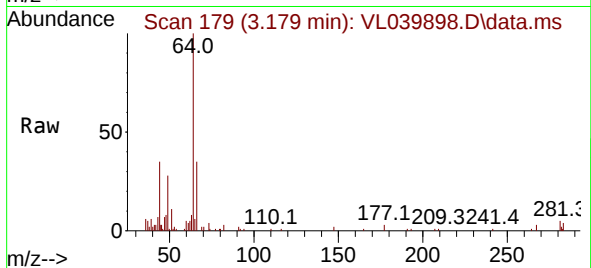
Tgt Ion: 94 Resp: 30229
 Ion Ratio Lower Upper
 94 100
 96 106.1 73.7 110.5





#7
Chloroethane
Concen: 1.192 ppbv
RT: 3.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

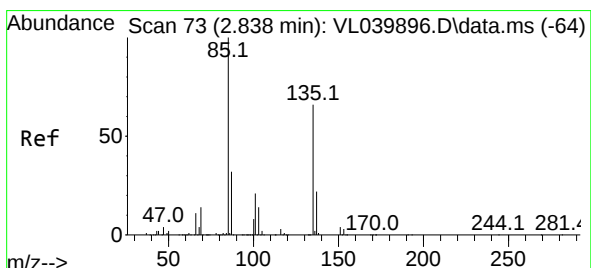
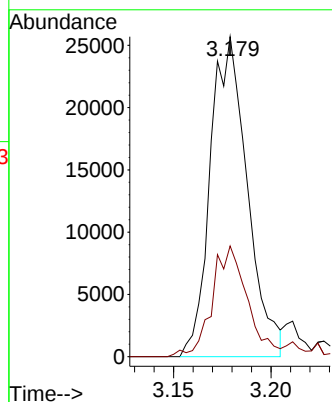
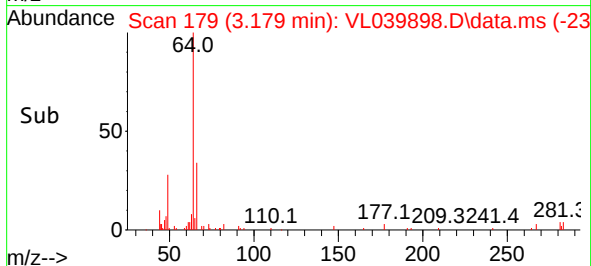
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



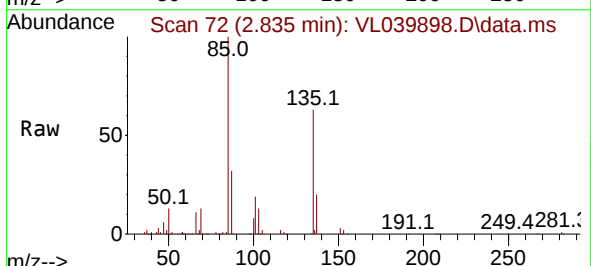
Tgt Ion: 64 Resp: 3394
Ion Ratio Lower Upper
64 100
66 34.6 27.3 40.9

Manual Integrations
APPROVED

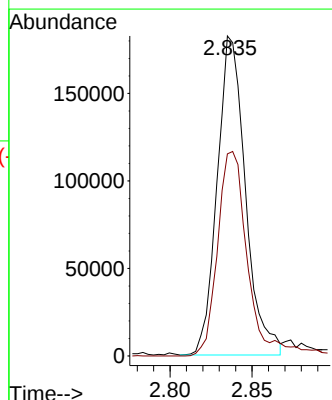
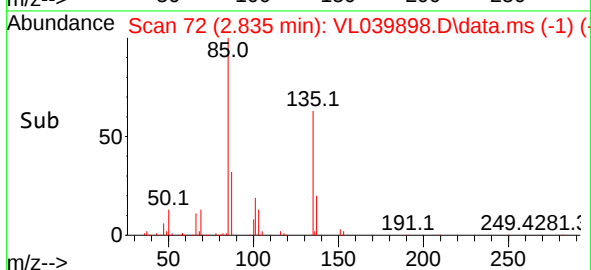
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

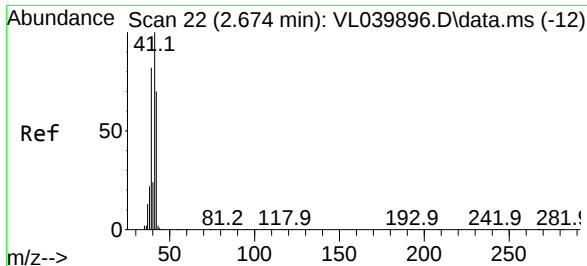


#8
Dichlorotetrafluoroethane
Concen: 1.199 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



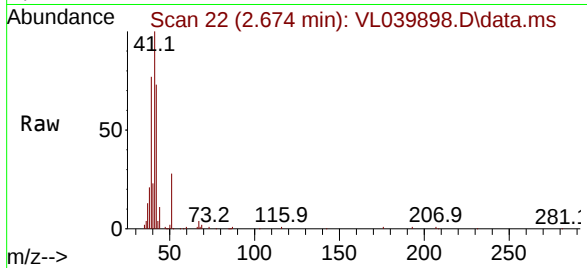
Tgt Ion: 85 Resp: 218128
Ion Ratio Lower Upper
85 100
135 70.1 54.1 81.1





#9
 Propene
 Concen: 1.092 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

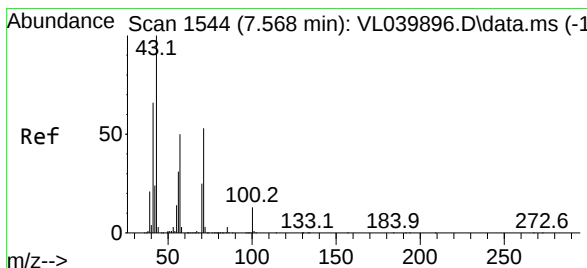
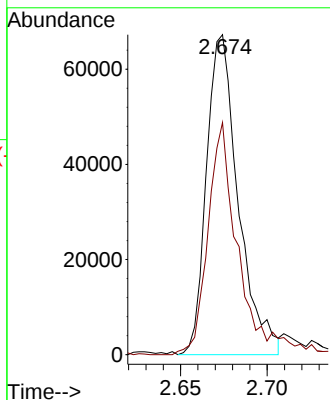
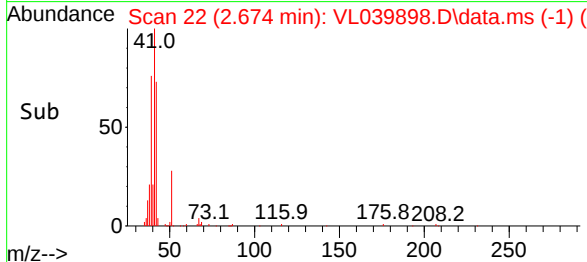
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



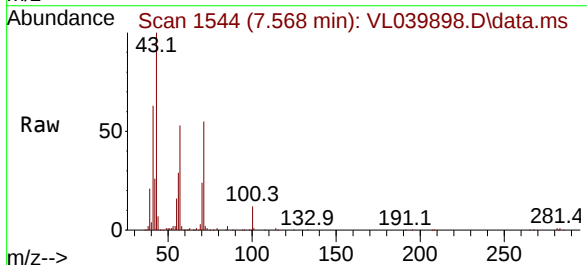
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 Ion Ratio Lower Upper
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 42 71.1 55.8 83.6

Manual Integrations
 APPROVED

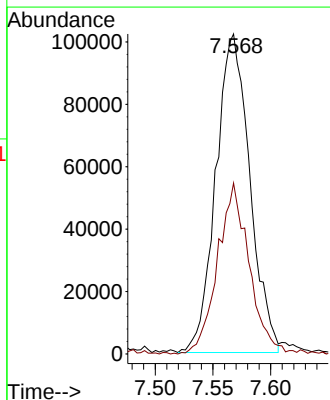
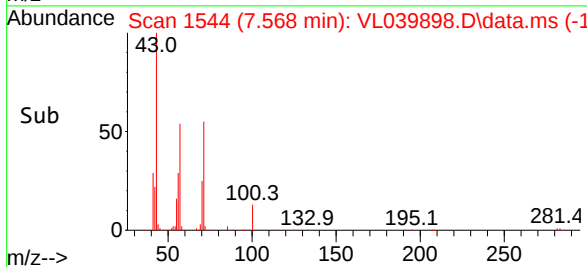
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

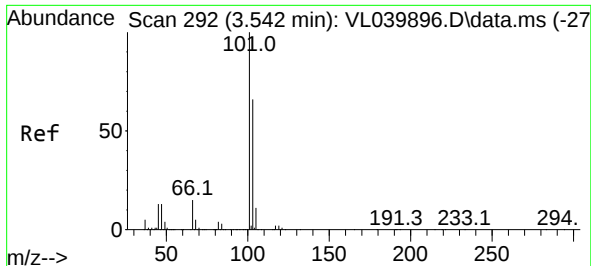


#10
 Heptane
 Concen: 1.113 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04



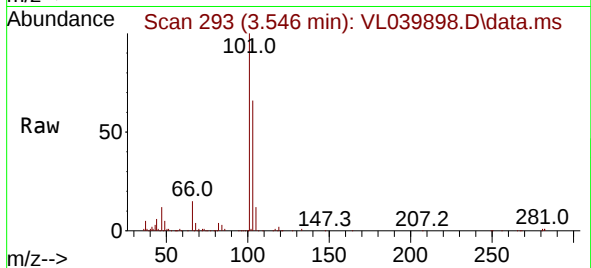
Tgt Ion: 43 Resp: 209295
 Ion Ratio Lower Upper
 43 100
 57 49.3 40.7 61.1





#11
Trichlorofluoromethane
Concen: 1.312 ppbv
RT: 3.546 min Scan# 292
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

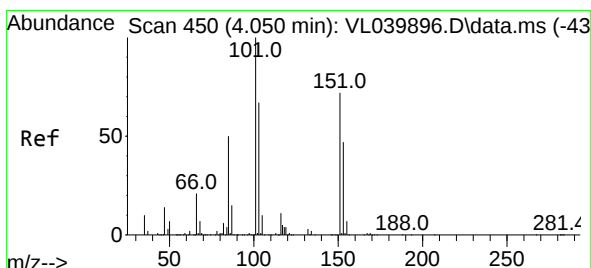
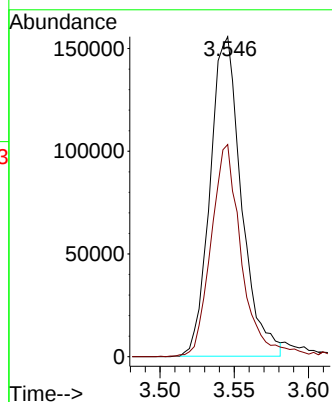
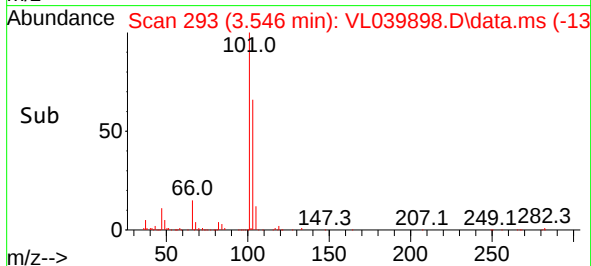
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



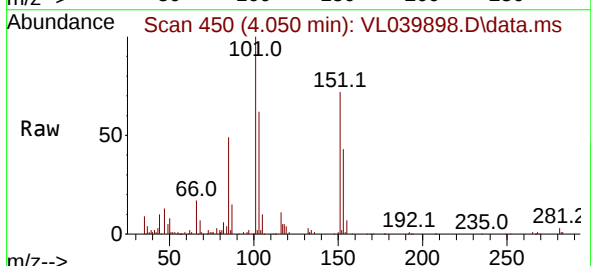
Tgt Ion:101 Resp: 228390
Ion Ratio Lower Upper
101 100
103 65.8 52.6 78.8

Manual Integrations
APPROVED

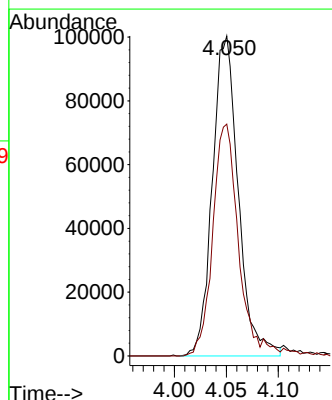
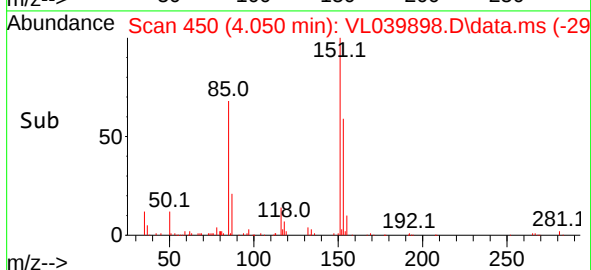
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

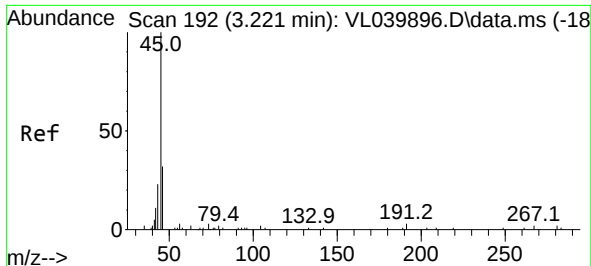


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.382 ppbv
RT: 4.050 min Scan# 450
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



Tgt Ion:101 Resp: 173781
Ion Ratio Lower Upper
101 100
151 73.4 59.6 89.4





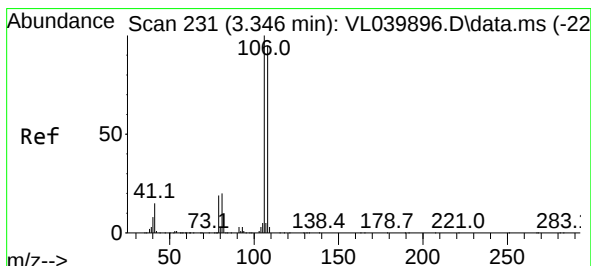
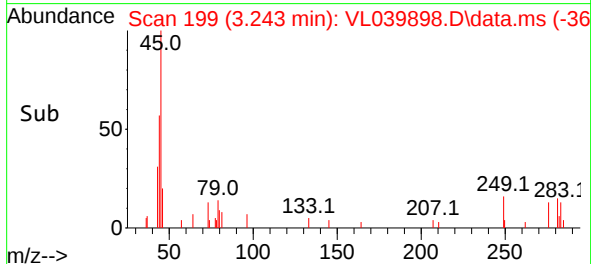
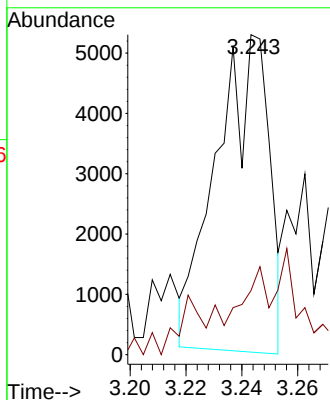
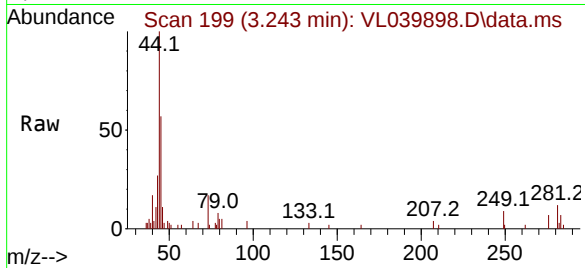
#13
Ethanol
Concen: 1.238 ppbv m
RT: 3.243 min Scan# 199
Delta R.T. 0.023 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 6869
Ion Ratio Lower Upper
45 100
46 2.9 14.6 58.2

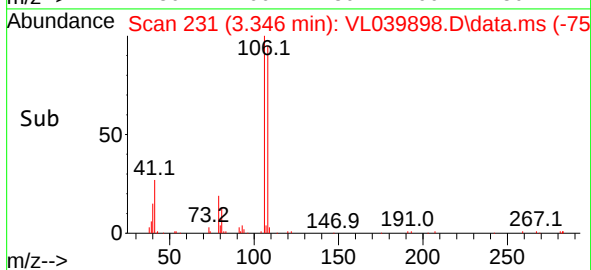
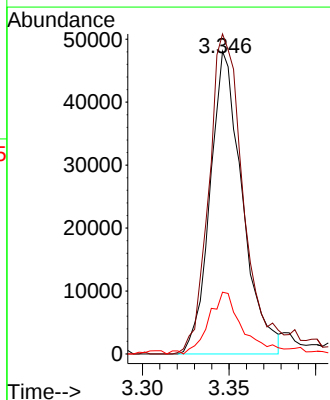
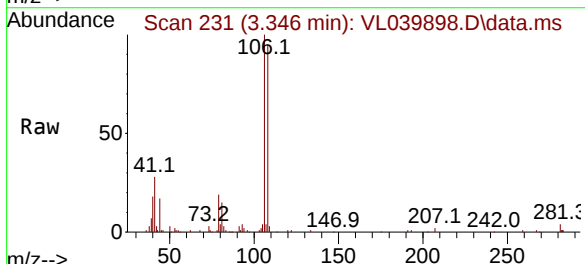
Manual Integrations
APPROVED

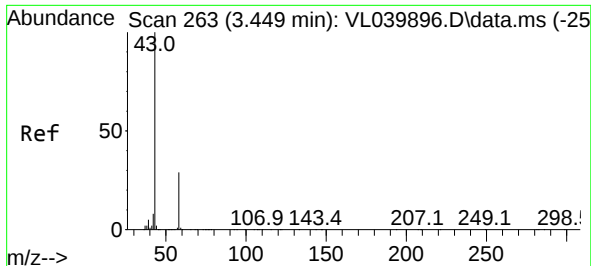
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#14
Bromoethene
Concen: 1.105 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion:108 Resp: 62176
Ion Ratio Lower Upper
108 100
106 122.9 87.3 130.9
79 23.4 15.9 23.9





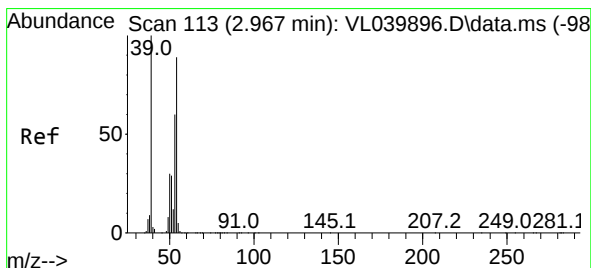
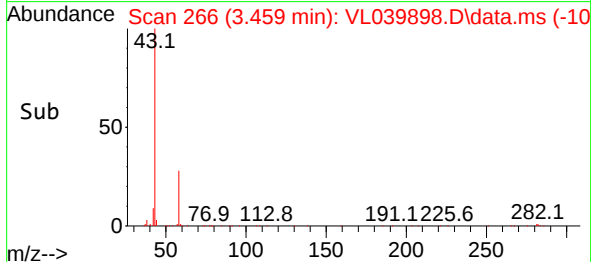
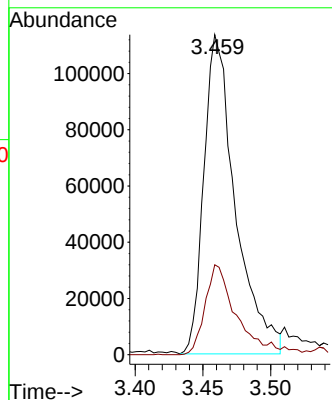
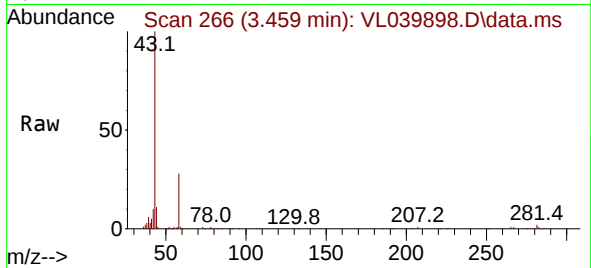
#15
Acetone
Concen: 1.194 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 183670
Ion Ratio Lower Upper
43 100
58 28.6 22.9 34.3

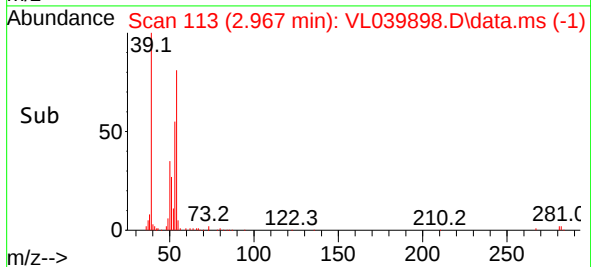
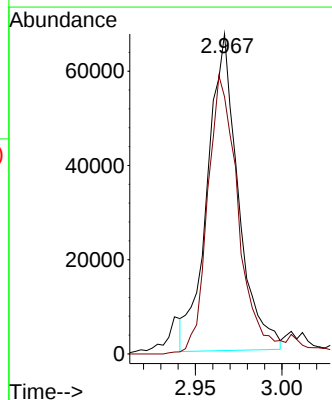
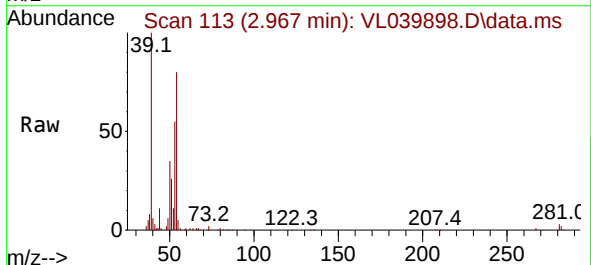
Manual Integrations
APPROVED

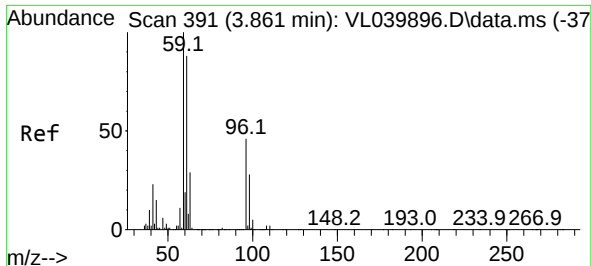
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
1,3-Butadiene
Concen: 1.165 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 39 Resp: 83374
Ion Ratio Lower Upper
39 100
54 91.9 66.6 99.8





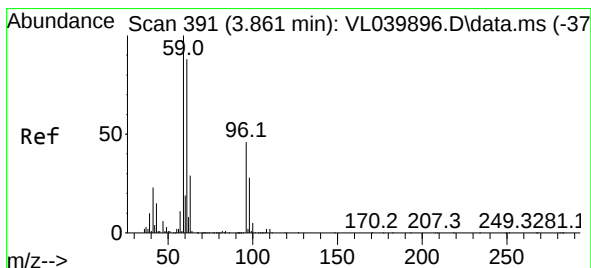
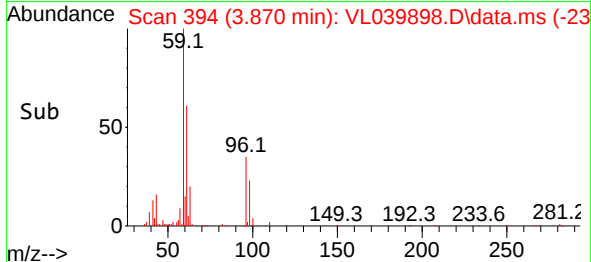
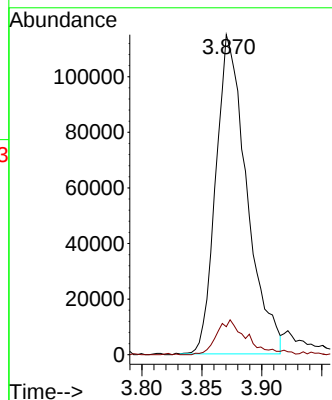
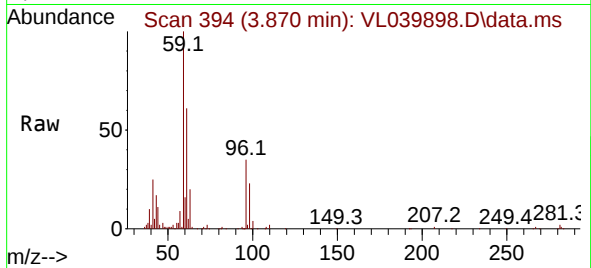
#17
tert-Butyl alcohol
Concen: 1.403 ppbv
RT: 3.870 min Scan# 394
Delta R.T. 0.010 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 20556
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

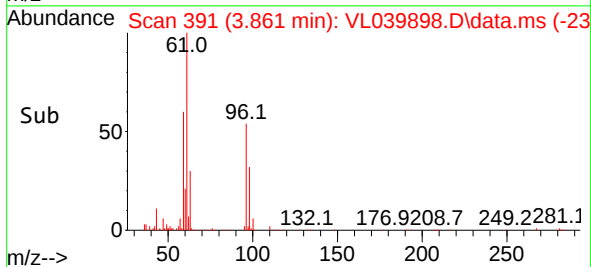
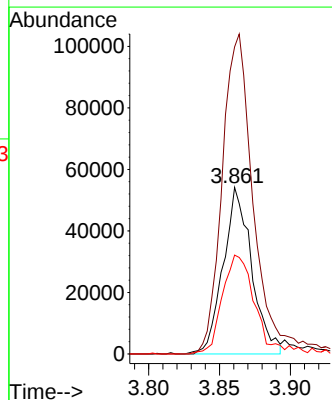
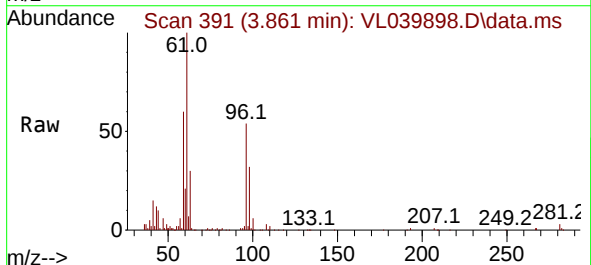
Manual Integrations
APPROVED

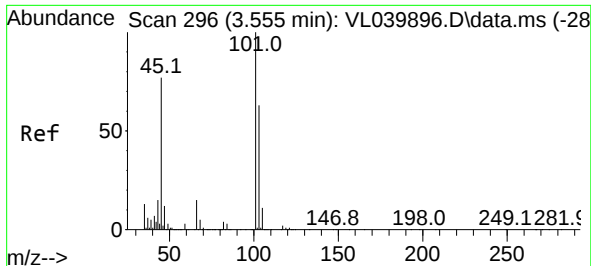
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#18
1,1-Dichloroethene
Concen: 1.317 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 96 Resp: 75895
Ion Ratio Lower Upper
96 100
61 184.4 153.4 230.2
98 59.4 48.9 73.3





#19

Isopropyl Alcohol

Concen: 1.186 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.019 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

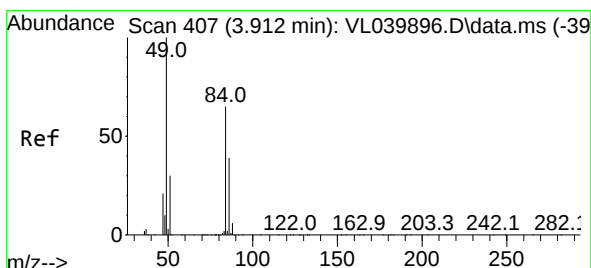
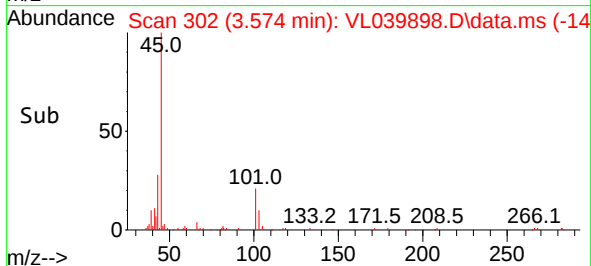
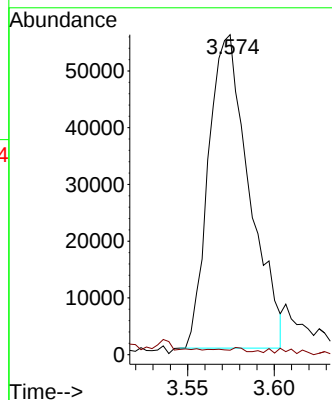
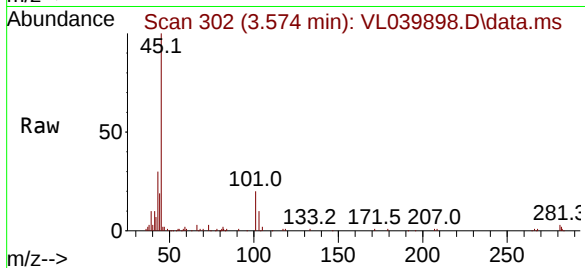
VSTDICC001

Tgt Ion: 45 Resp: 90284
 Ion Ratio Lower Upper
 45 100
 58 4.8 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#20

Methylene Chloride

Concen: 1.729 ppbv

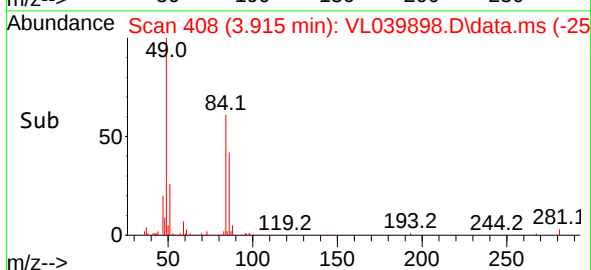
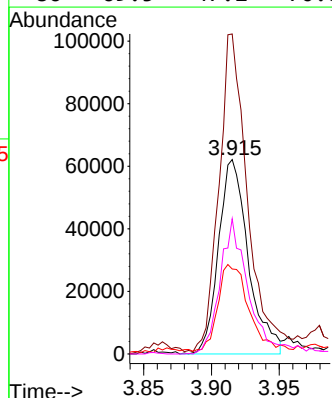
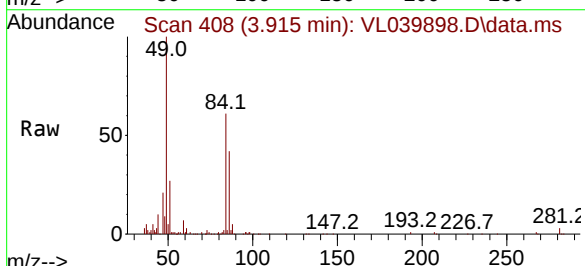
RT: 3.915 min Scan# 408

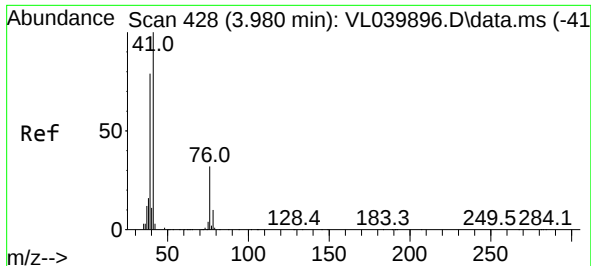
Delta R.T. 0.003 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

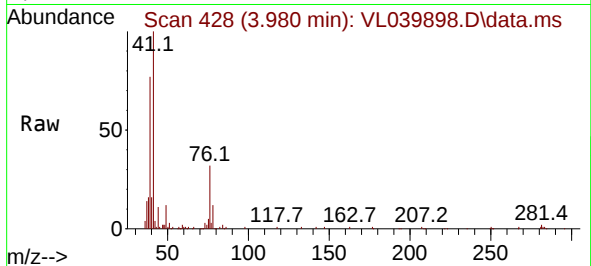
Tgt Ion: 84 Resp: 95168
 Ion Ratio Lower Upper
 84 100
 49 160.3 122.2 183.4
 51 42.1 36.3 54.5
 86 69.5 47.2 70.8





#21
 Allyl Chloride
 Concen: 1.191 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

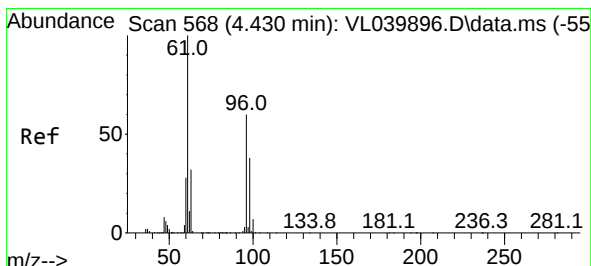
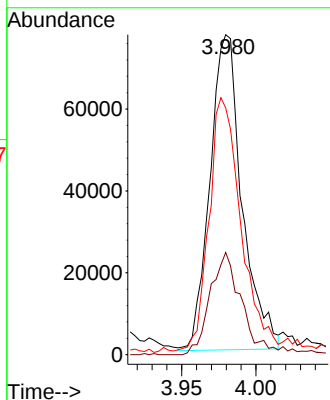
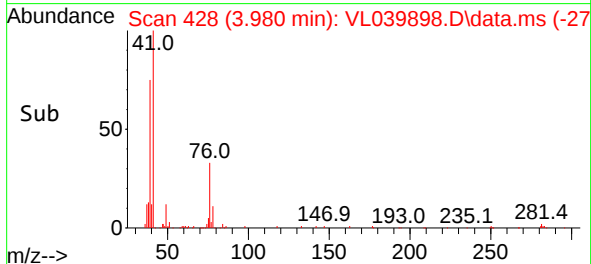
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



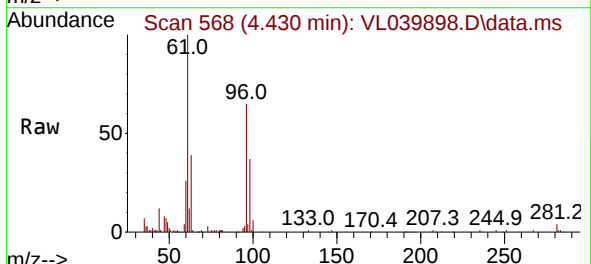
Tgt Ion: 41 Resp: 115920
 Ion Ratio Lower Upper
 41 100
 76 33.3 25.6 38.4
 39 86.6 65.2 97.8

Manual Integrations
 APPROVED

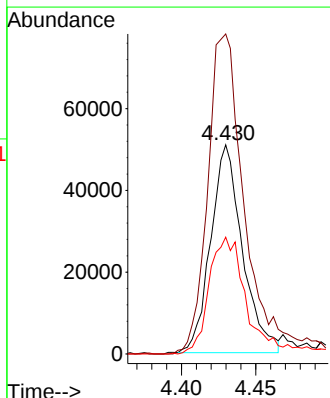
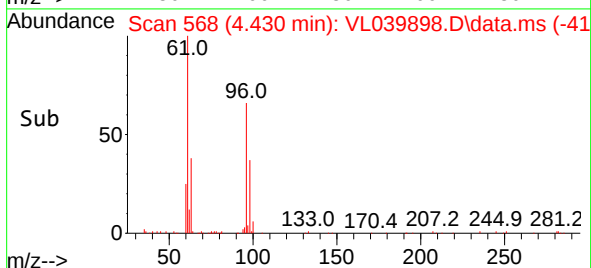
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

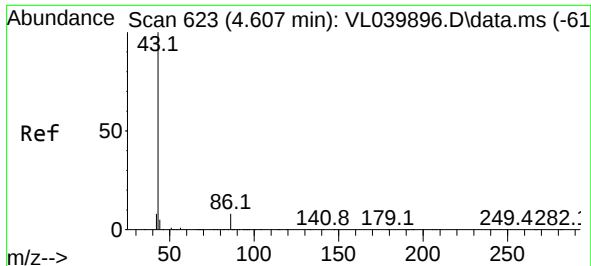


#22
 trans-1,2-Dichloroethene
 Concen: 1.293 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04



Tgt Ion: 96 Resp: 75639
 Ion Ratio Lower Upper
 96 100
 61 152.1 134.1 201.1
 98 56.2 50.4 75.6





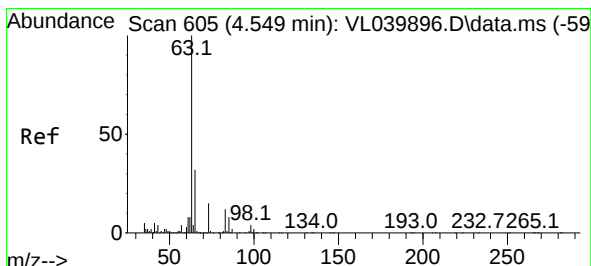
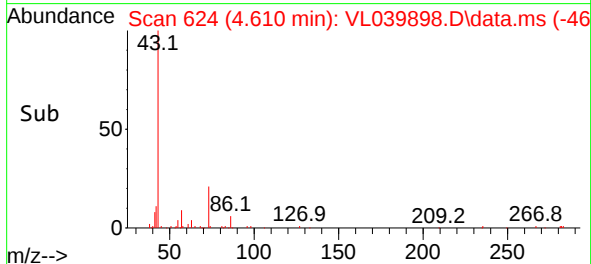
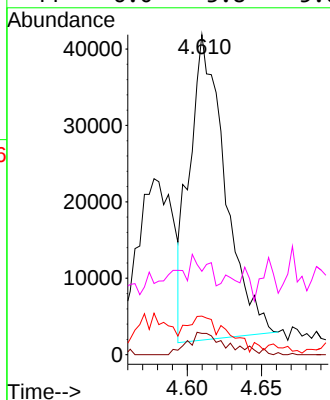
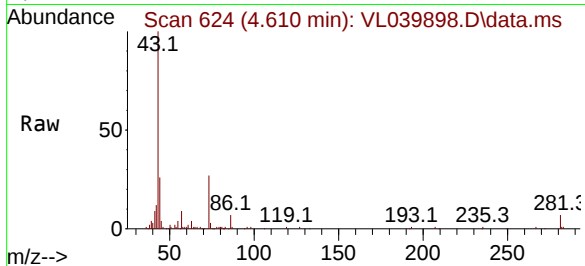
#23
 Vinyl Acetate
 Concen: 1.082 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 66352
 Ion Ratio Lower Upper
 43 100
 86 6.4 5.0 7.4
 42 10.7 7.6 11.4
 44 6.0 3.8 5.6#

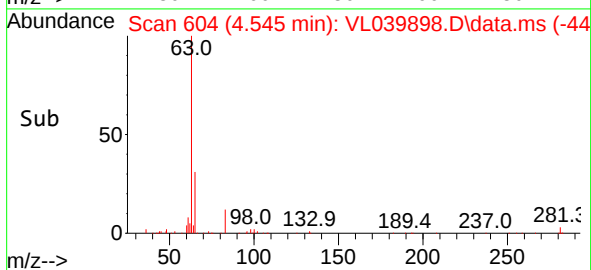
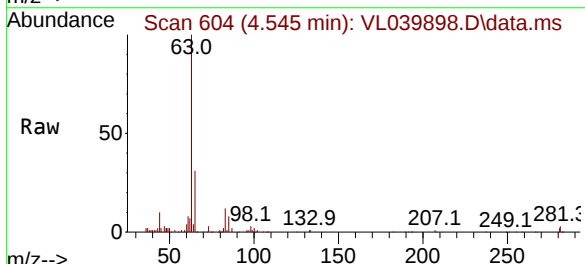
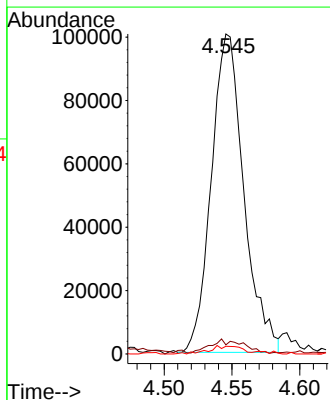
Manual Integrations
 APPROVED

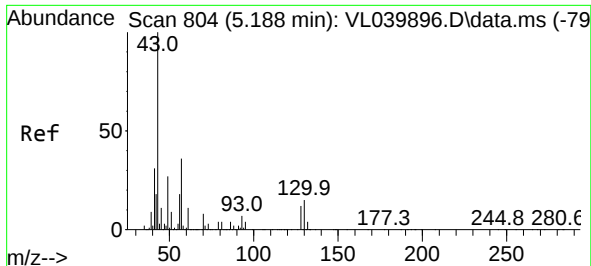
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 1.337 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 63 Resp: 167353
 Ion Ratio Lower Upper
 63 100
 98 2.5 2.1 6.5
 100 2.3 1.1 3.5





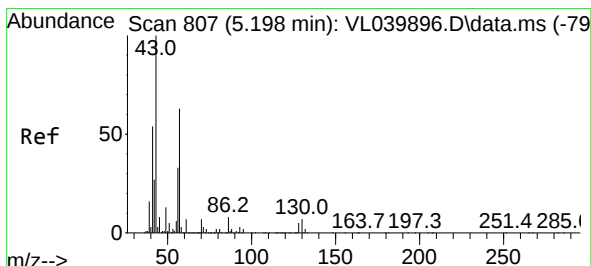
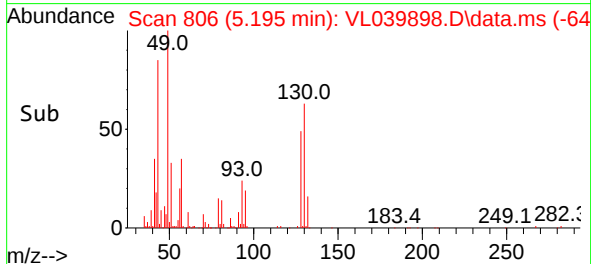
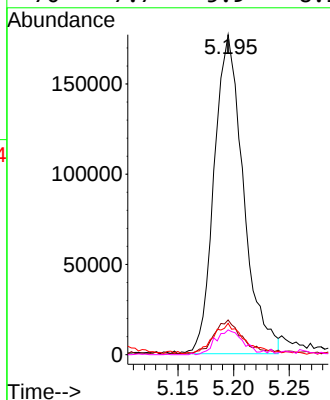
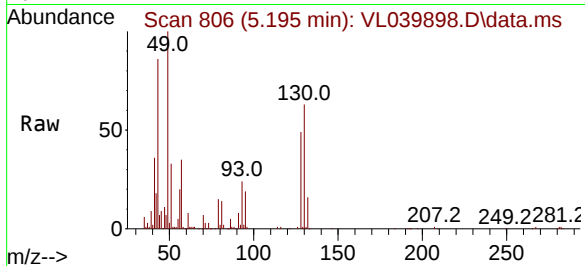
#25
Ethyl Acetate
Concen: 1.020 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
Client Sample Id :
VSTDIC001

Tgt Ion: 43	Resp: 32320
Ion Ratio	Lower Upper
43 100	
45 11.3	8.4 12.6
61 11.2	8.5 12.7
70 7.7	5.9 8.9

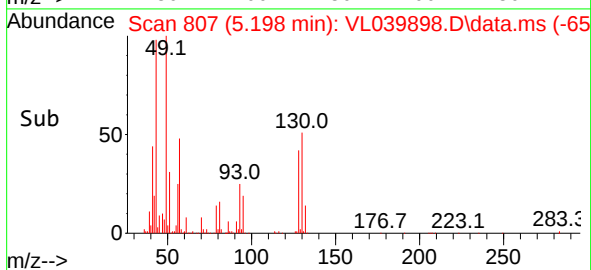
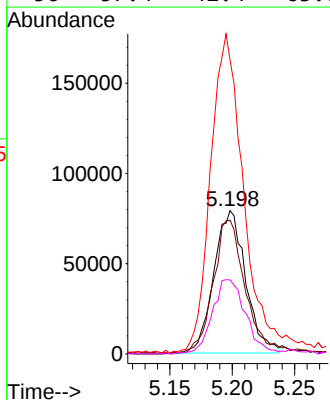
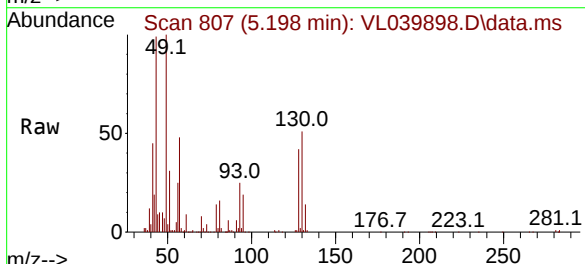
Manual Integrations
APPROVED

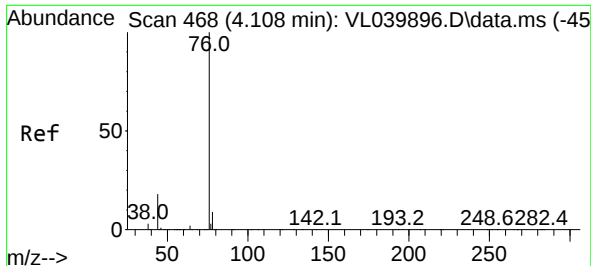
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#26
Hexane
Concen: 0.993 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

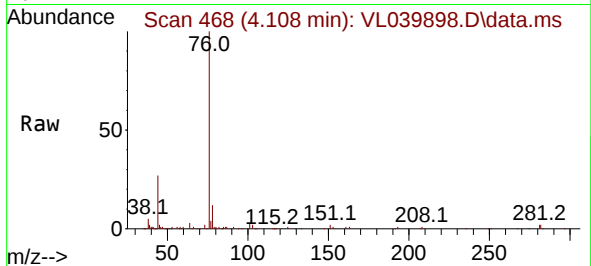
Tgt Ion: 57	Resp: 140257
Ion Ratio	Lower Upper
57 100	
41 98.4	72.3 108.5
43 245.3	188.7 283.1
56 57.4	42.4 63.6





#27
Carbon Disulfide
Concen: 1.021 ppbv
RT: 4.108 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

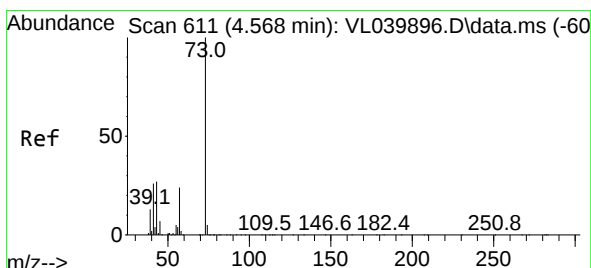
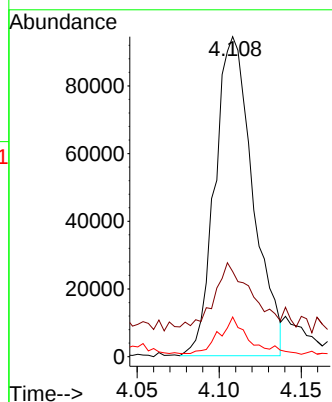
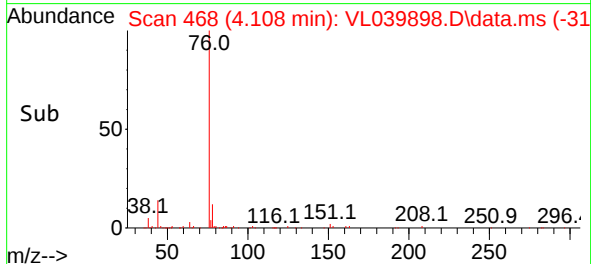
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



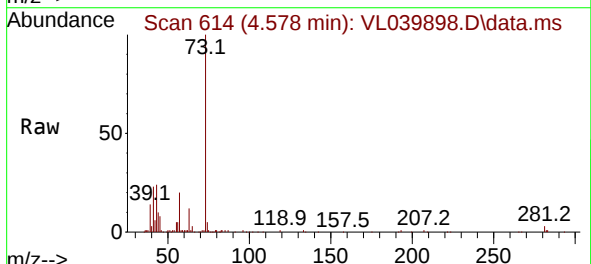
Tgt Ion: 76 Resp: 151570
Ion Ratio Lower Upper
76 100
44 27.3 14.7 22.1
78 11.6 7.8 11.8

Manual Integrations
APPROVED

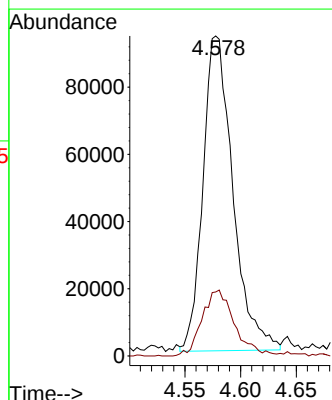
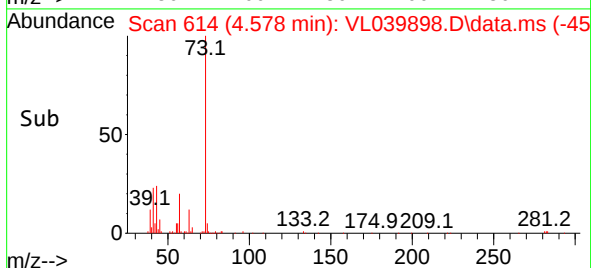
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

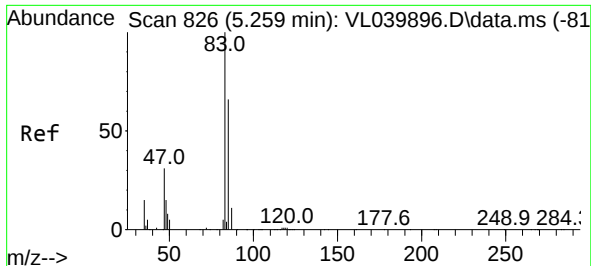


#28
Methyl tert-Butyl Ether
Concen: 1.369 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.010 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



Tgt Ion: 73 Resp: 175092
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3





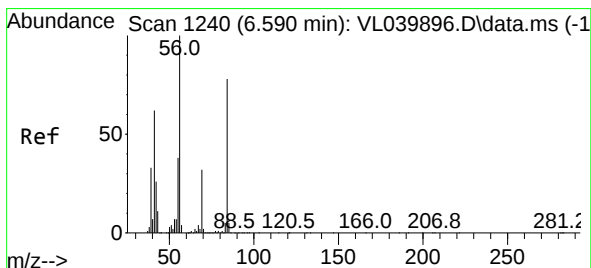
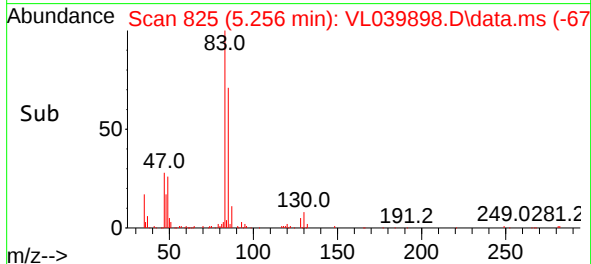
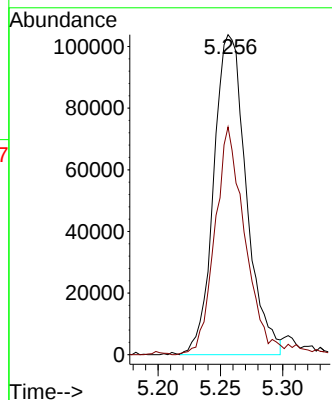
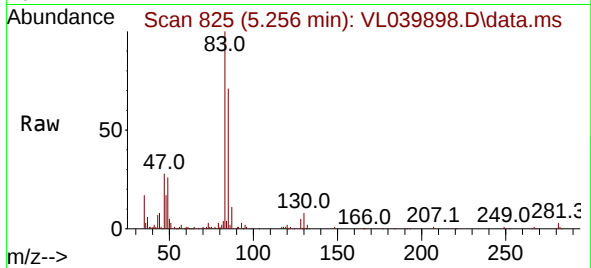
#29
Chloroform
Concen: 0.950 ppbv
RT: 5.256 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 18886
Ion Ratio Lower Upper
83 100
85 70.8 52.4 78.6

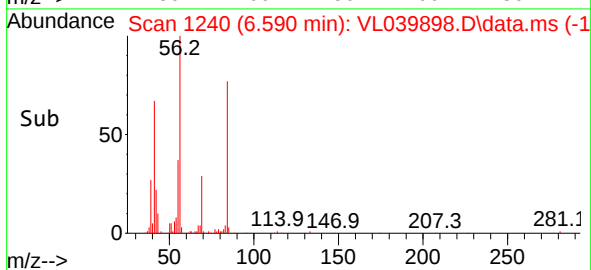
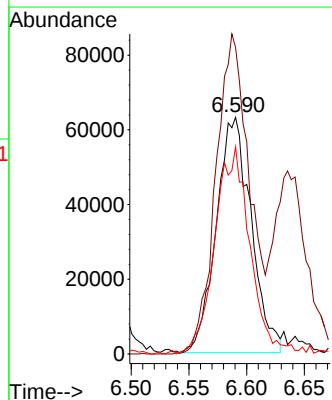
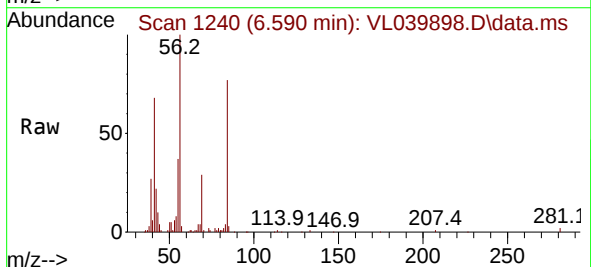
Manual Integrations
APPROVED

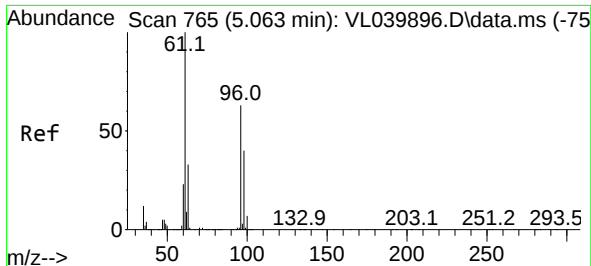
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#30
Cyclohexane
Concen: 1.120 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 84 Resp: 132352
Ion Ratio Lower Upper
84 100
56 130.9 112.5 168.7
41 90.2 67.8 101.8





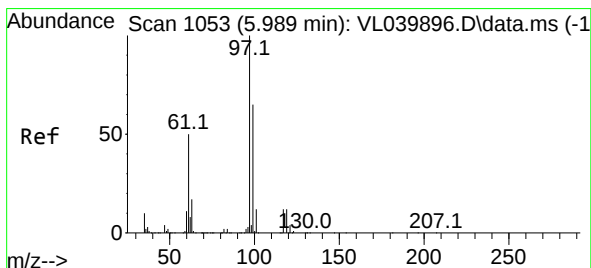
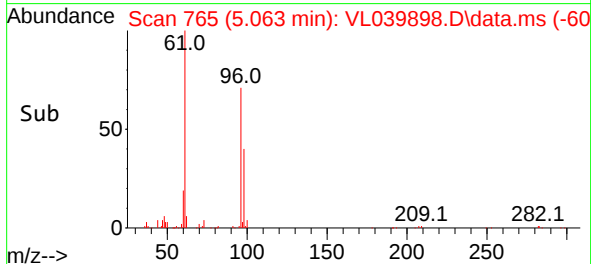
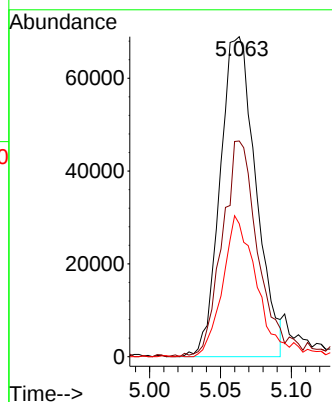
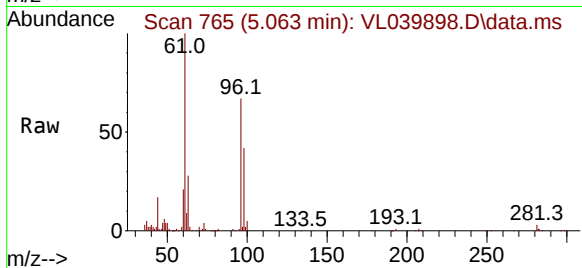
#31
 cis-1,2-Dichloroethene
 Concen: 0.942 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 61 Resp: 12137
 Ion Ratio Lower Upper
 61 100
 96 67.4 50.3 75.5
 98 41.3 32.2 48.2

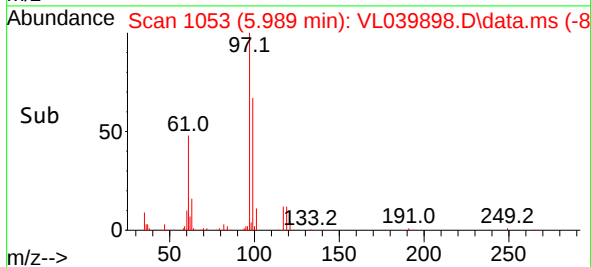
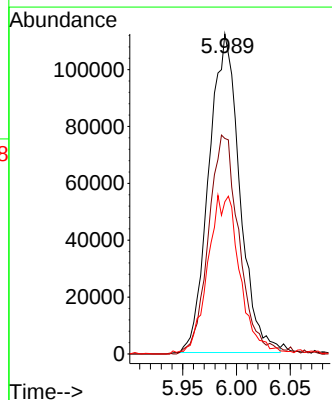
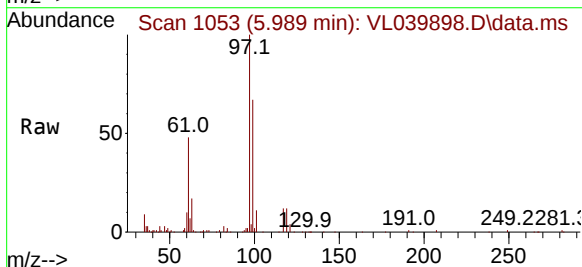
Manual Integrations
 APPROVED

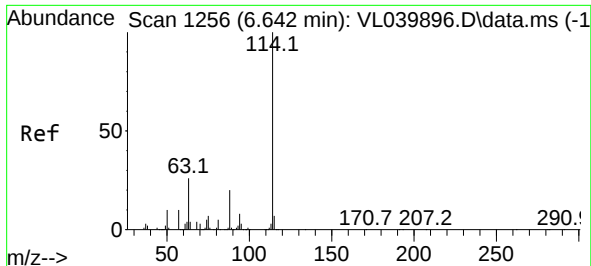
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#32
 1,1,1-Trichloroethane
 Concen: 1.131 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Tgt Ion: 97 Resp: 223654
 Ion Ratio Lower Upper
 97 100
 99 69.1 51.4 77.0
 61 52.8 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 387747

Ion Ratio Lower Upper

114 100

63 26.1 21.4 32.0

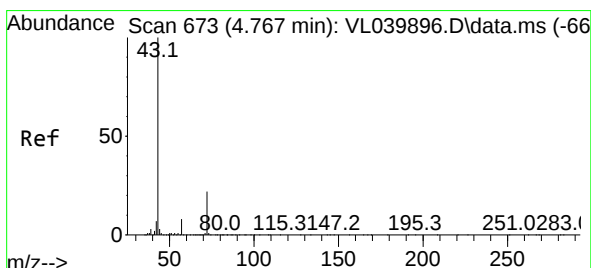
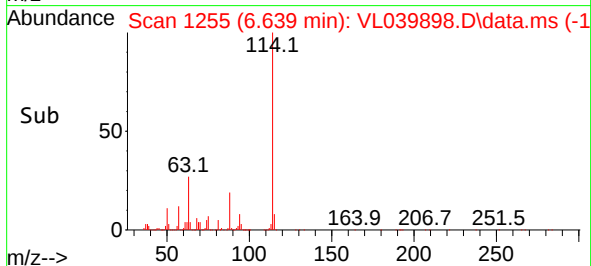
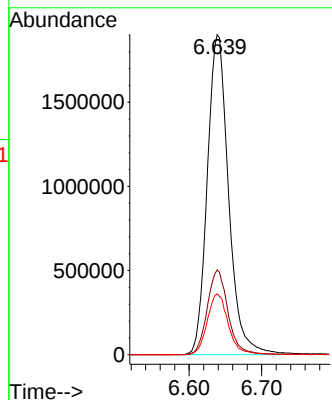
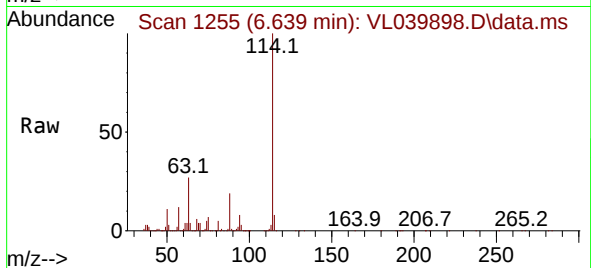
88 18.8 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#34

2-Butanone

Concen: 1.092 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.016 min

Lab File: VL039898.D

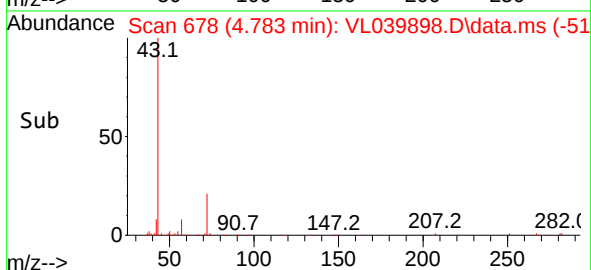
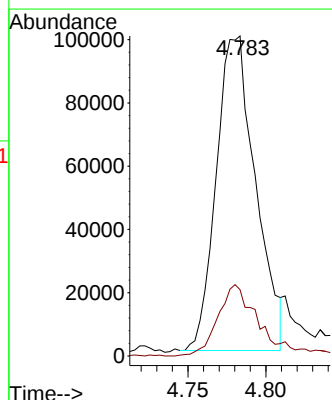
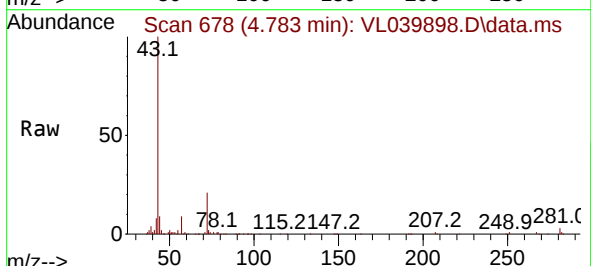
Acq: 18 Nov 2022 10:04

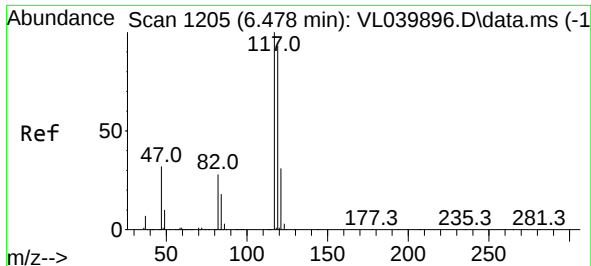
Tgt Ion: 43 Resp: 174623

Ion Ratio Lower Upper

43 100

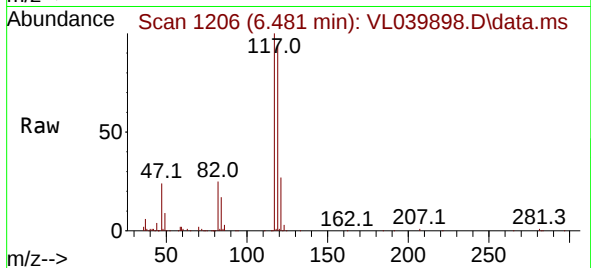
72 24.4 17.4 26.2





#35
Carbon Tetrachloride
Concen: 0.978 ppbv
RT: 6.481 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

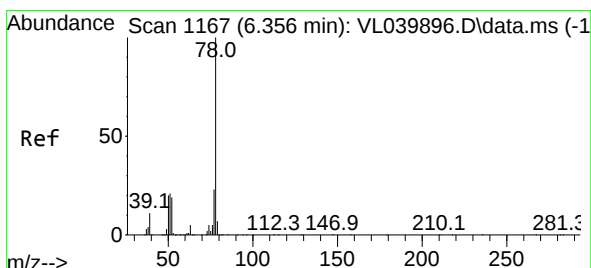
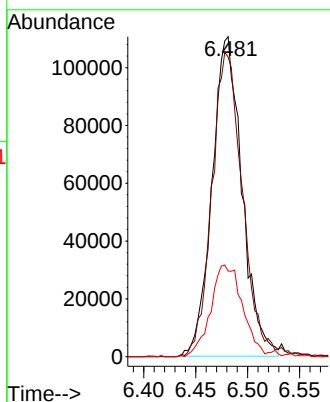
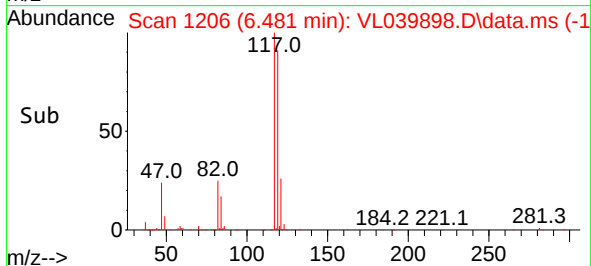
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion:117 Resp: 22115
Ion Ratio Lower Upper
117 100
119 93.8 74.7 112.1
121 26.8 24.5 36.7

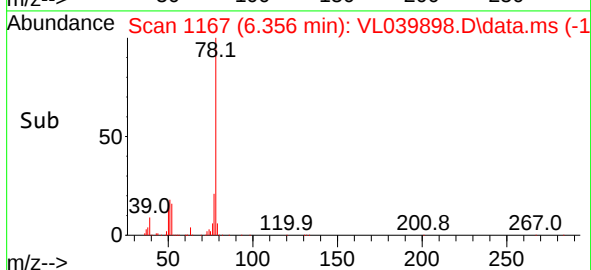
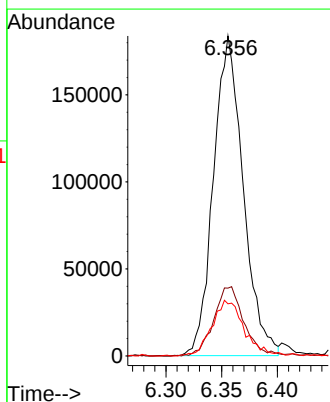
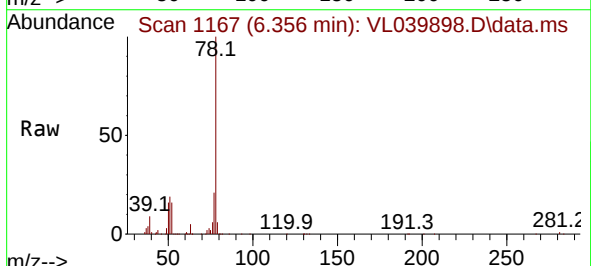
Manual Integrations
APPROVED

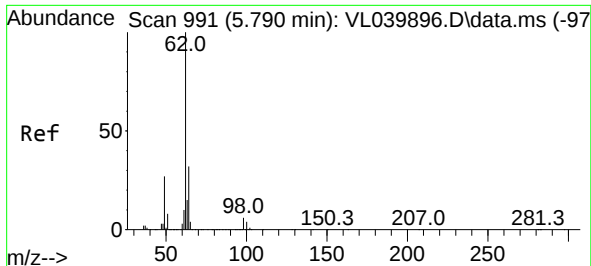
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#36
Benzene
Concen: 1.042 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 78 Resp: 340911
Ion Ratio Lower Upper
78 100
77 21.0 18.2 27.2
50 16.2 15.8 23.8





#37

1,2-Dichloroethane

Concen: 1.135 ppbv

RT: 5.790 min Scan# 991

Delta R.T. 0.000 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 178150

Ion Ratio Lower Upper

62 100

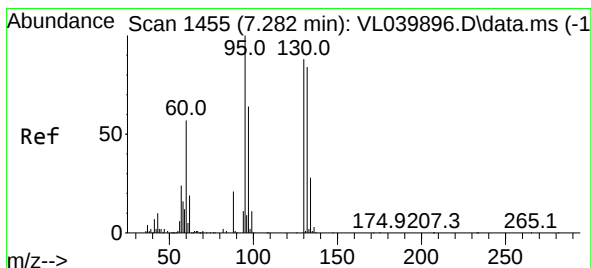
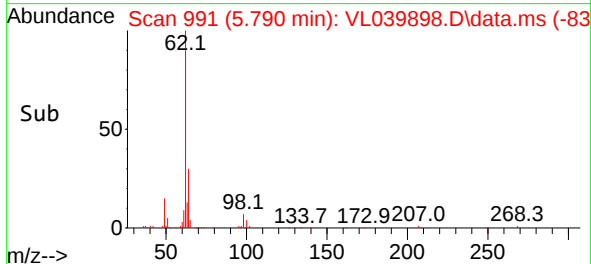
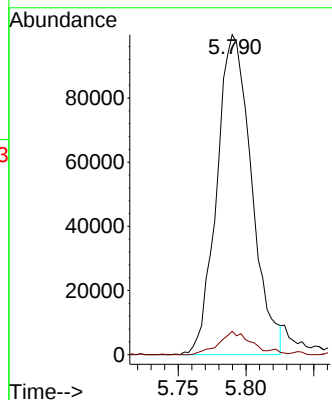
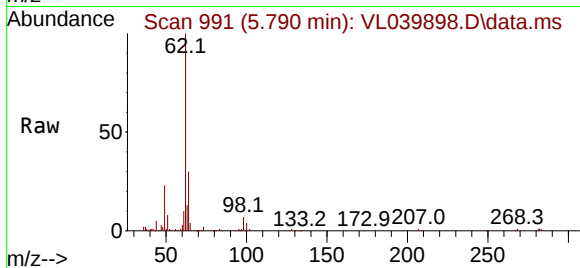
98 7.3 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#38

Trichloroethene

Concen: 1.082 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Tgt Ion:130 Resp: 189372

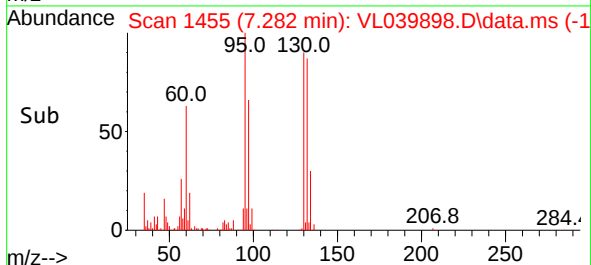
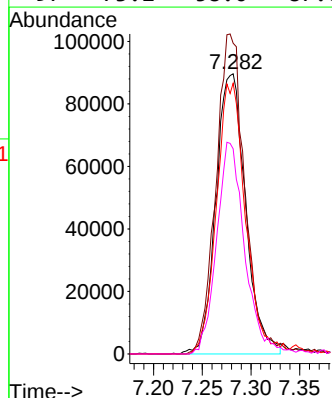
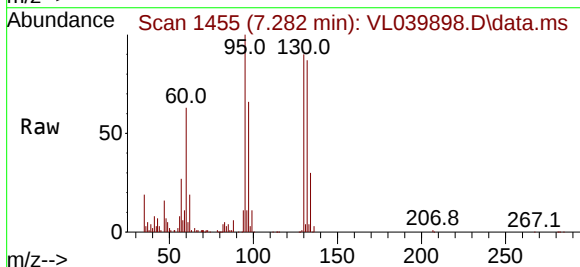
Ion Ratio Lower Upper

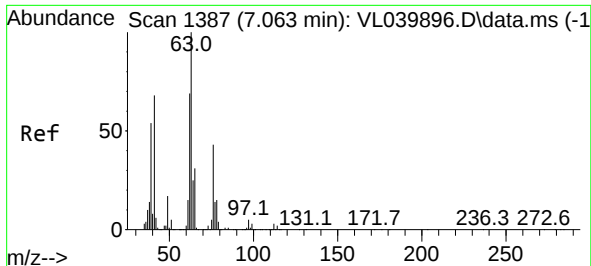
130 100

95 110.9 90.6 135.8

132 96.6 76.2 114.4

97 73.2 58.0 87.0





#39

1,2-Dichloropropane

Concen: 1.015 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

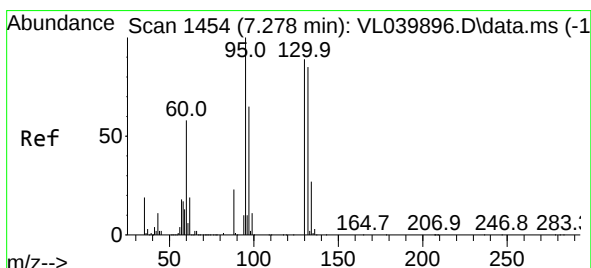
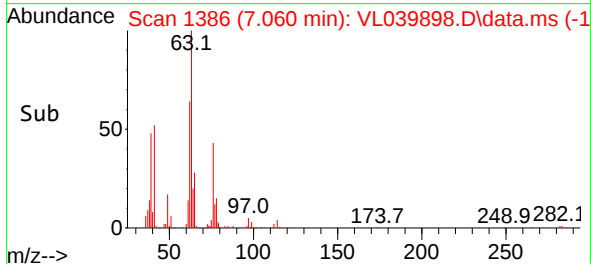
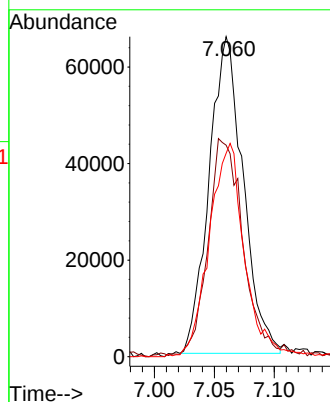
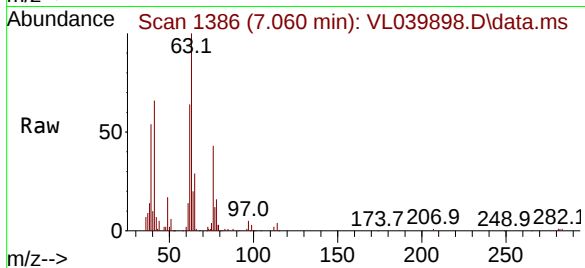
Tgt Ion: 63 Resp: 129310

Ion	Ratio	Lower	Upper
63	100		
41	66.1	54.7	82.1
62	62.6	55.0	82.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#40

1,4-Dioxane

Concen: 1.079 ppbv m

RT: 7.311 min Scan# 1464

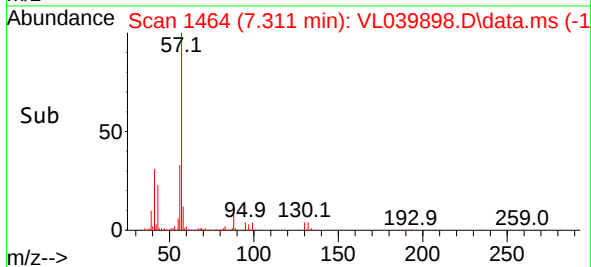
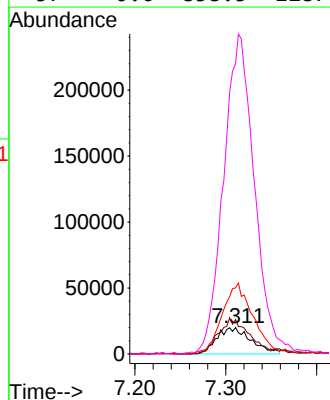
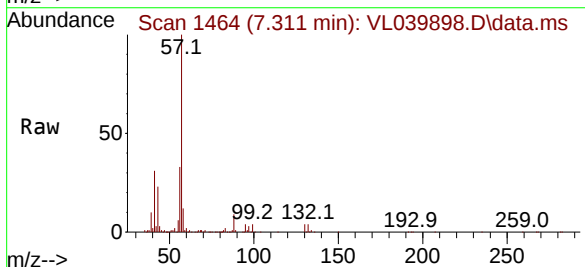
Delta R.T. 0.032 min

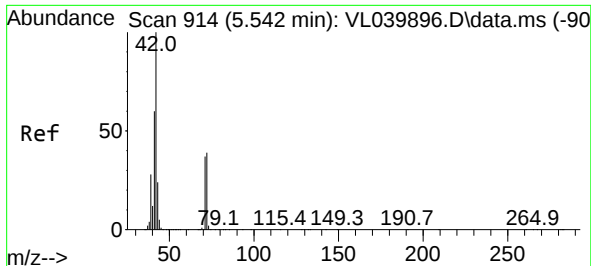
Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Tgt Ion: 88 Resp: 52650

Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.5	150.7#
43	0.0	195.8	293.8#
57	0.0	858.5	1287.7#





#41

Tetrahydrofuran

Concen: 0.956 ppbv

RT: 5.562 min Scan# 914

Delta R.T. 0.019 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

Instrument :

MSVOA_L

ClientSampleId :

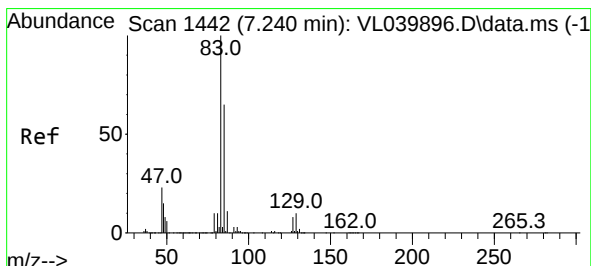
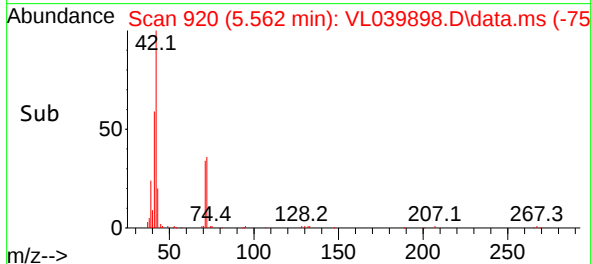
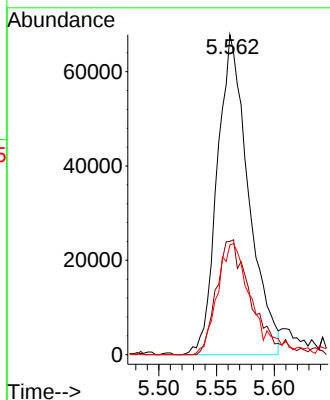
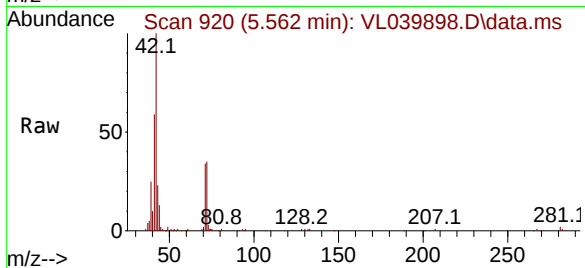
VSTDIC001

Tgt Ion:	42	Resp:	12775
Ion Ratio	Lower	Upper	
42	100		
72	40.2	31.6	47.4
71	40.3	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#42

Bromodichloromethane

Concen: 0.943 ppbv

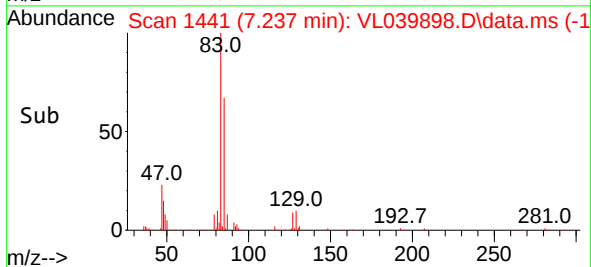
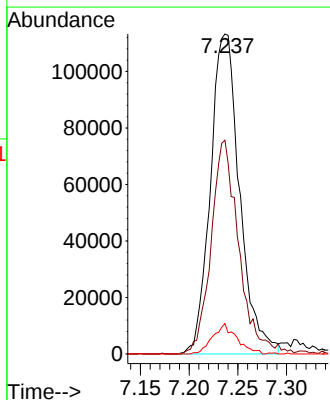
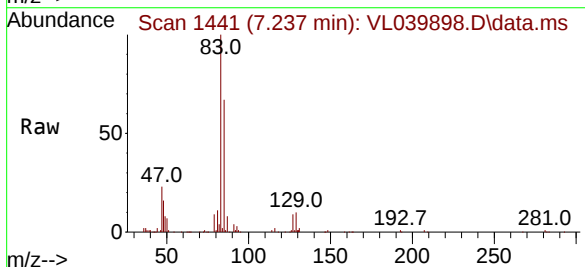
RT: 7.237 min Scan# 1441

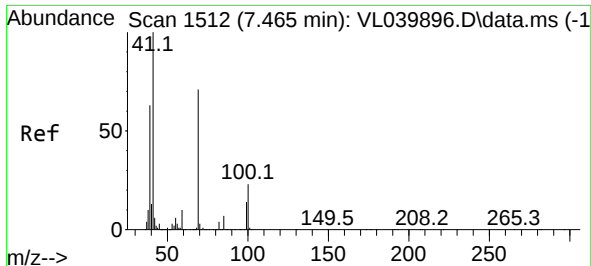
Delta R.T. -0.003 min

Lab File: VL039898.D

Acq: 18 Nov 2022 10:04

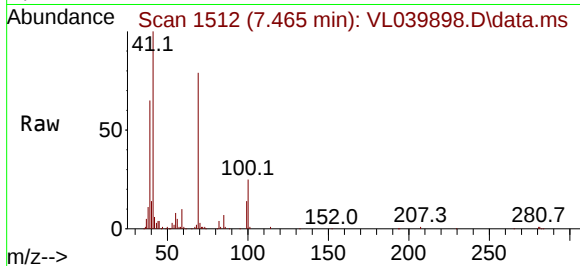
Tgt Ion:	83	Resp:	236310
Ion Ratio	Lower	Upper	
83	100		
85	66.8	52.0	78.0
127	9.5	6.5	9.7





#43
Methyl Methacrylate
Concen: 0.983 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

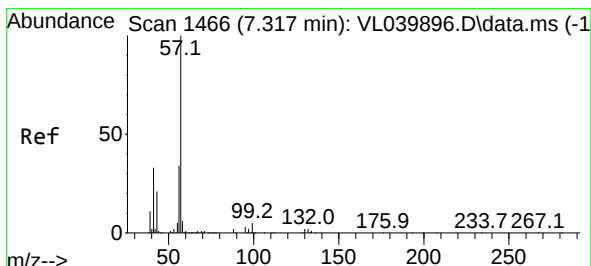
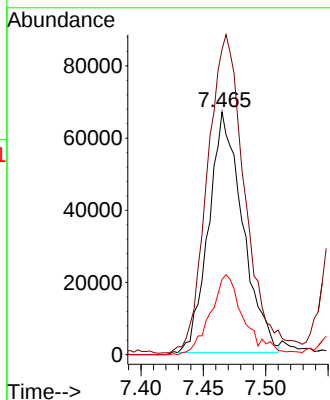
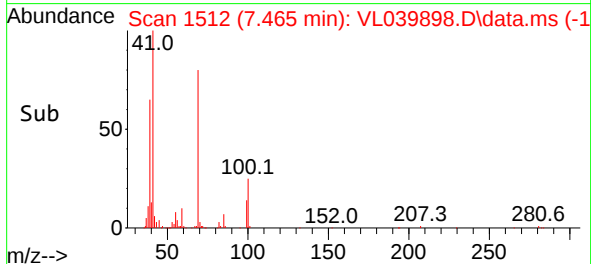
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 127029
Ion Ratio Lower Upper
69 100
41 146.3 116.4 174.6
100 33.0 26.8 40.2

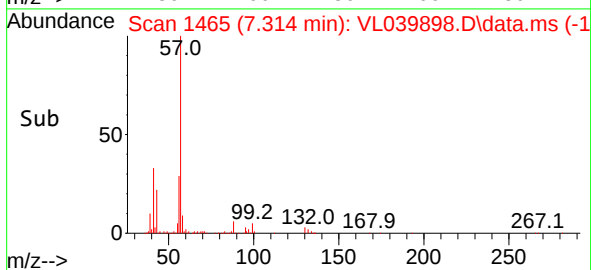
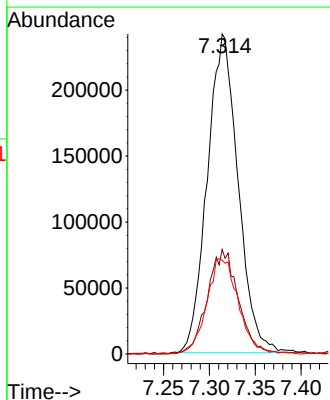
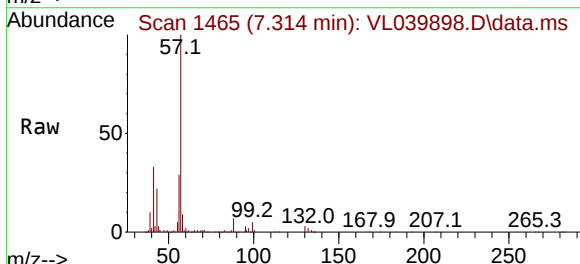
Manual Integrations
APPROVED

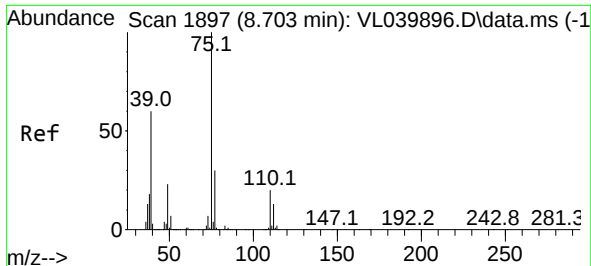
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#44
2,2,4-Trimethylpentane
Concen: 1.020 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

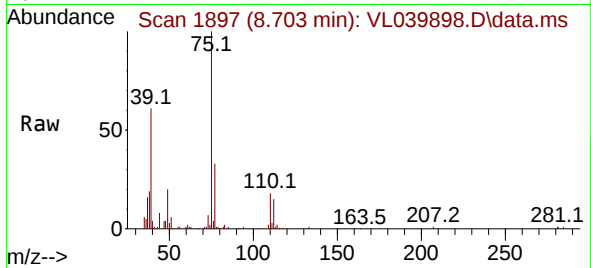
Tgt Ion: 57 Resp: 563140
Ion Ratio Lower Upper
57 100
41 33.7 26.2 39.2
56 31.0 25.5 38.3





#45
t-1,3-Dichloropropene
Concen: 0.822 ppbv
RT: 8.703 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

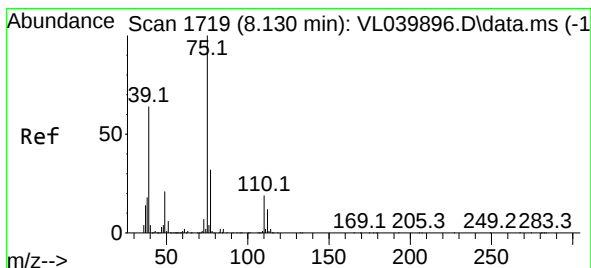
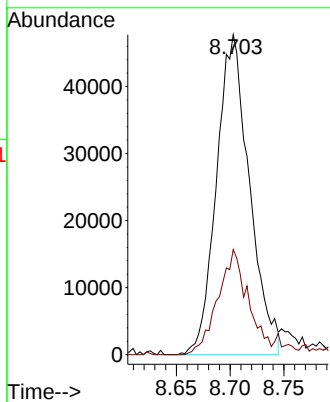
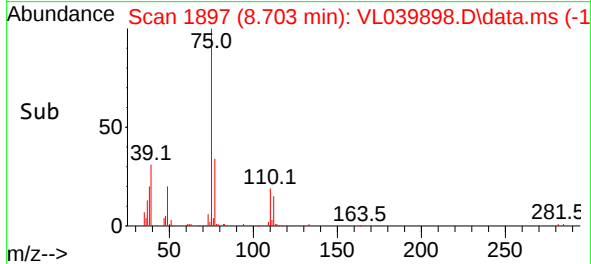
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 10172
Ion Ratio Lower Upper
75 100
77 32.8 24.2 36.4

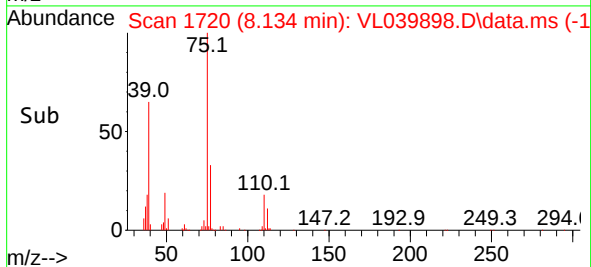
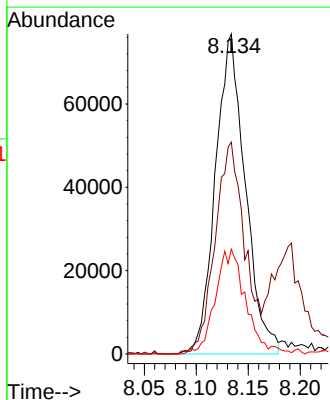
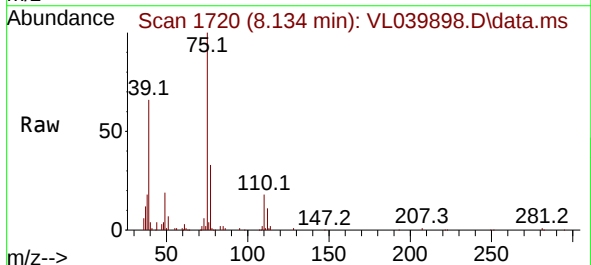
Manual Integrations
APPROVED

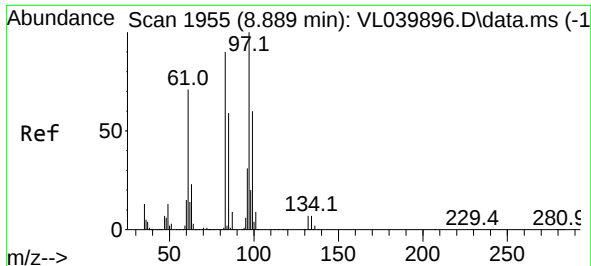
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#46
cis-1,3-Dichloropropene
Concen: 0.907 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

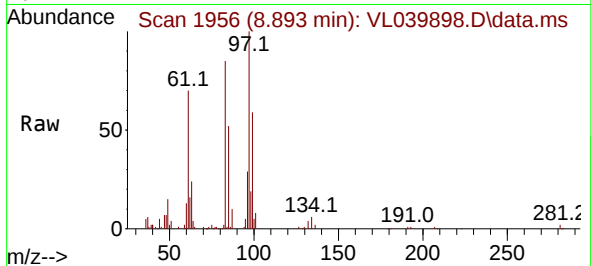
Tgt Ion: 75 Resp: 153271
Ion Ratio Lower Upper
75 100
39 66.2 51.0 76.4
77 32.8 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 1.033 ppbv
RT: 8.893 min Scan# 1955
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

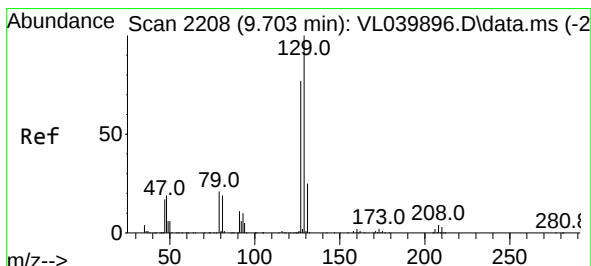
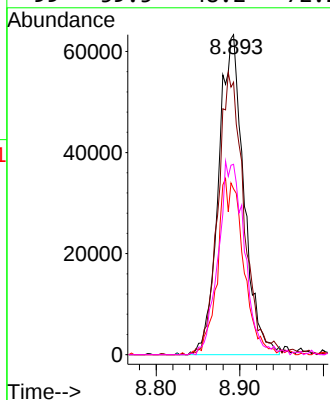
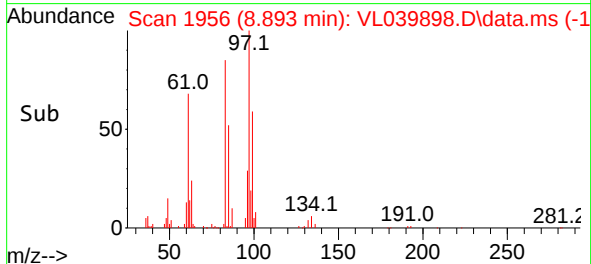
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



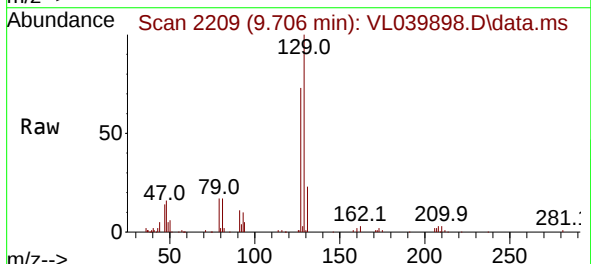
Tgt Ion: 97 Resp: 13330
Ion Ratio Lower Upper
97 100
83 85.1 72.1 108.1
85 51.8 47.2 70.8
99 59.5 48.2 72.2

Manual Integrations
APPROVED

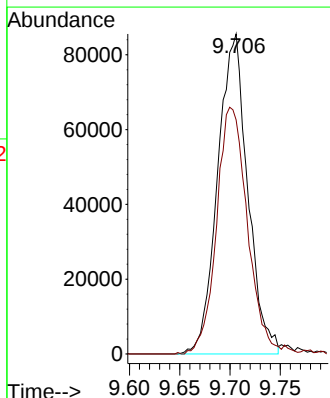
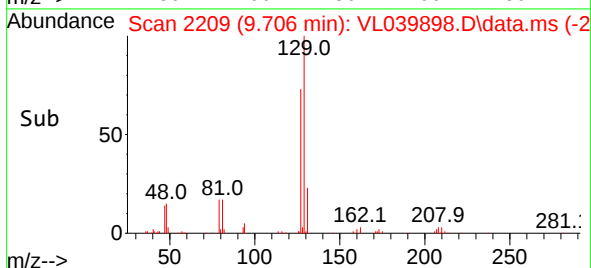
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

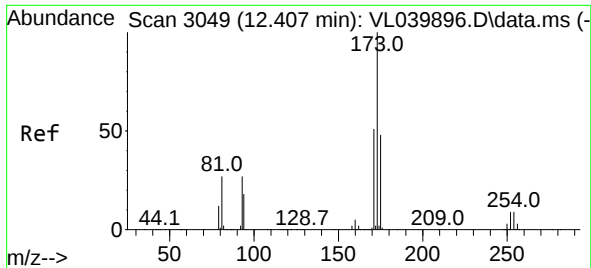


#48
Dibromochloromethane
Concen: 0.808 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



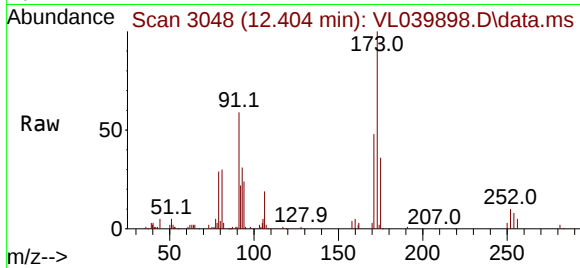
Tgt Ion:129 Resp: 177653
Ion Ratio Lower Upper
129 100
127 80.1 39.1 117.3





#49
Bromoform
Concen: 0.759 ppbv
RT: 12.404 min Scan# 3049
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

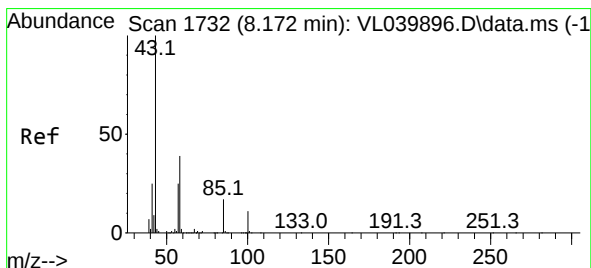
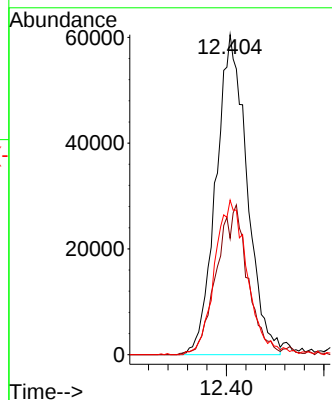
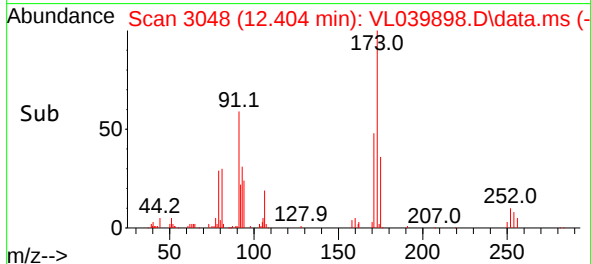
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



Tgt Ion: 173 Resp: 134160
Ion Ratio Lower Upper
173 100
175 48.1 39.1 58.7
171 51.2 41.8 62.8

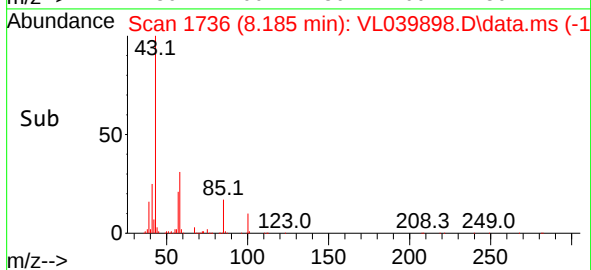
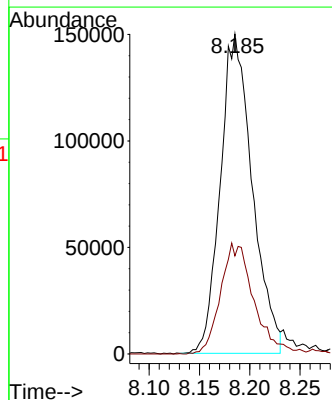
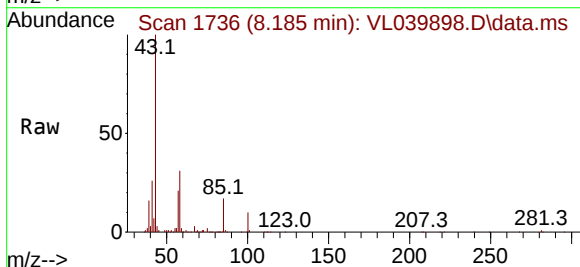
Manual Integrations
APPROVED

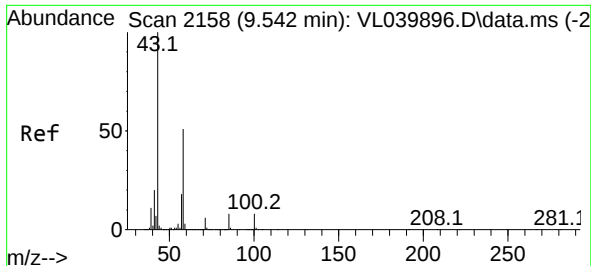
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#50
4-Methyl-2-Pentanone
Concen: 1.013 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.013 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

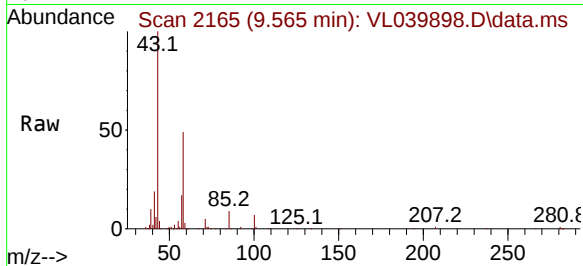
Tgt Ion: 43 Resp: 331627
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6





#51
2-Hexanone
Concen: 0.970 ppbv
RT: 9.565 min Scan# 2158
Delta R.T. 0.023 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

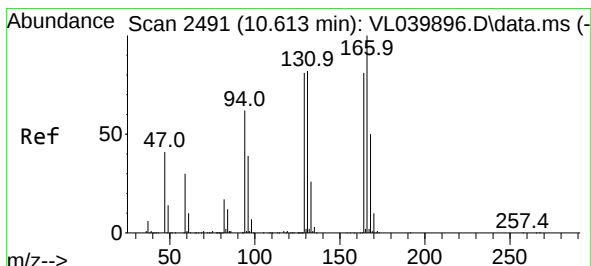
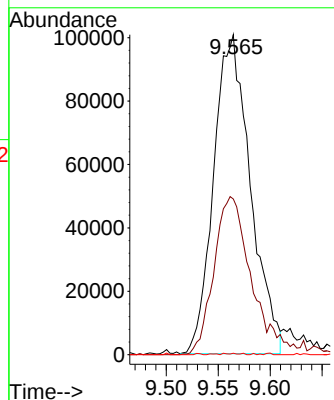
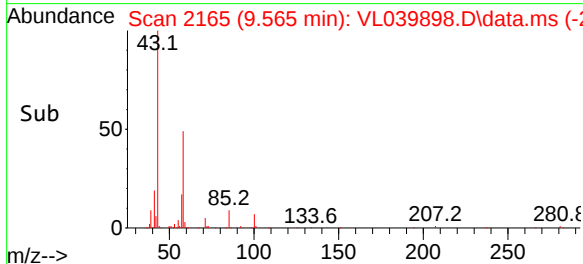
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



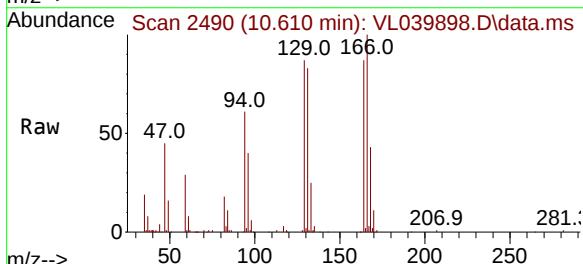
Tgt Ion: 43 Resp: 247614
Ion Ratio Lower Upper
43 100
58 50.9 40.2 60.4
98 0.2 0.1 0.1

Manual Integrations
APPROVED

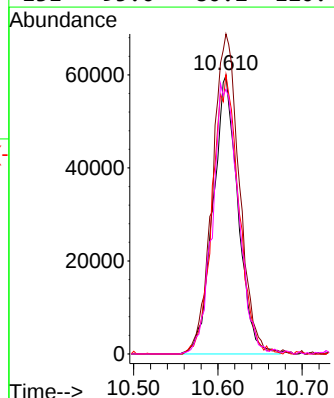
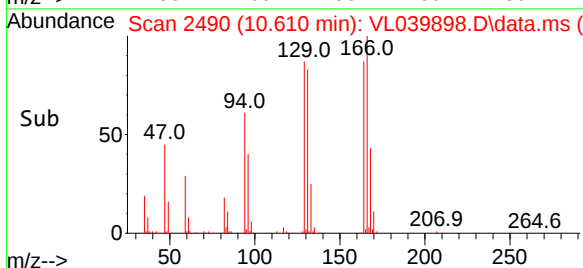
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

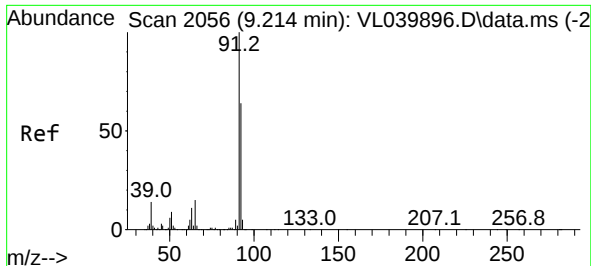


#52
Tetrachloroethene
Concen: 1.005 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



Tgt Ion:164 Resp: 123206
Ion Ratio Lower Upper
164 100
166 114.9 98.3 147.5
129 100.2 79.7 119.5
131 95.0 80.2 120.4





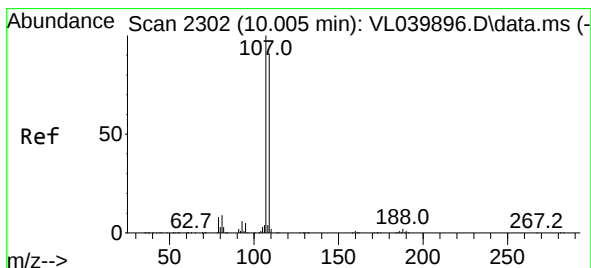
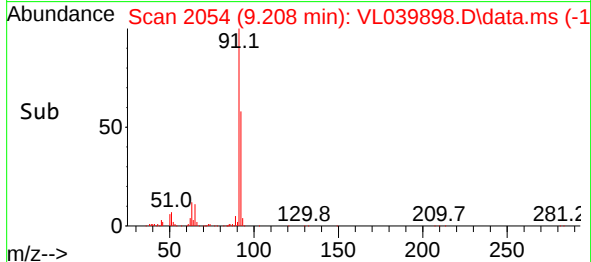
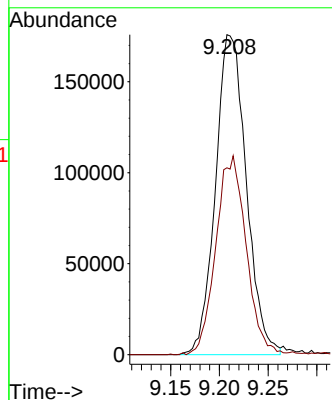
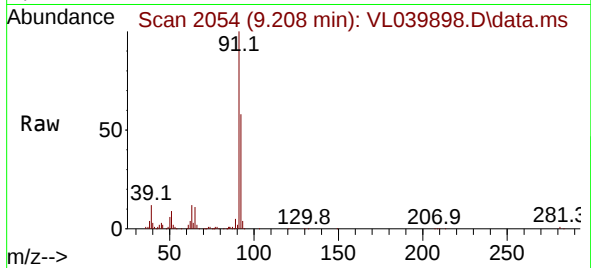
#53
Toluene
Concen: 1.033 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 387454
Ion Ratio Lower Upper
91 100
92 61.7 49.8 74.6

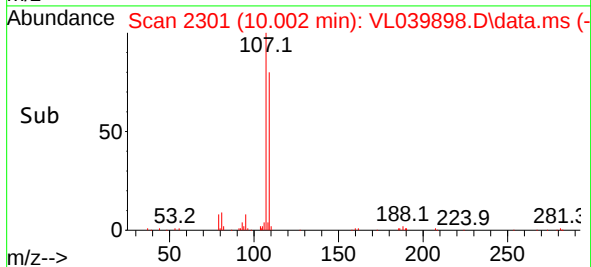
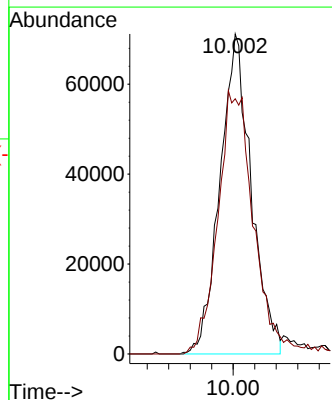
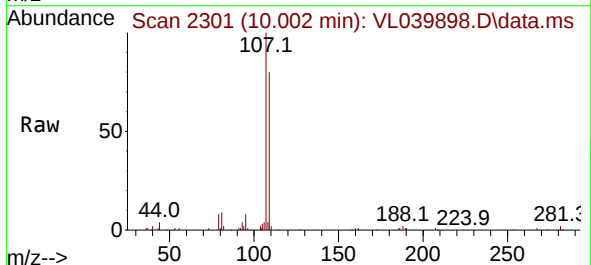
Manual Integrations
APPROVED

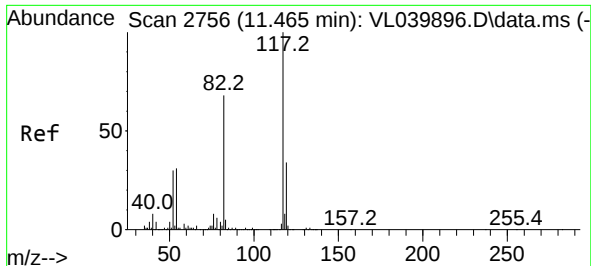
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#54
1,2-Dibromoethane
Concen: 1.002 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

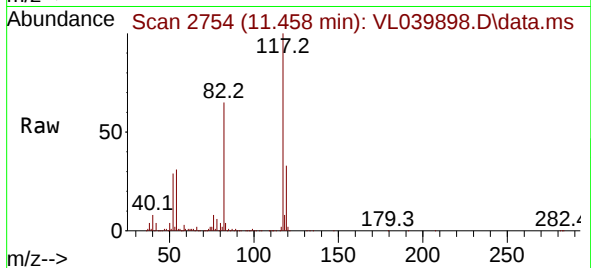
Tgt Ion:107 Resp: 143459
Ion Ratio Lower Upper
107 100
109 79.7 72.8 109.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

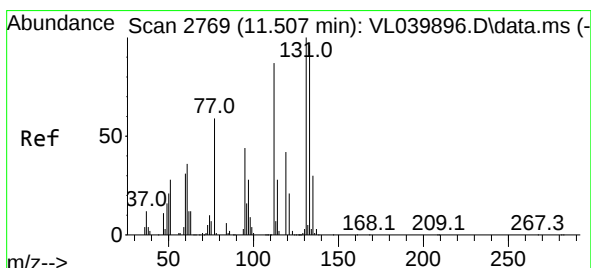
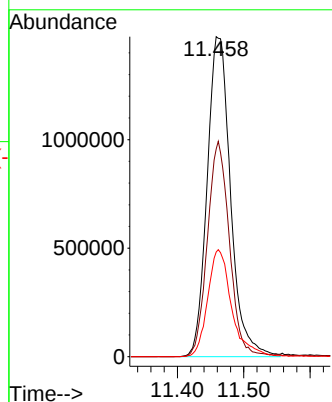
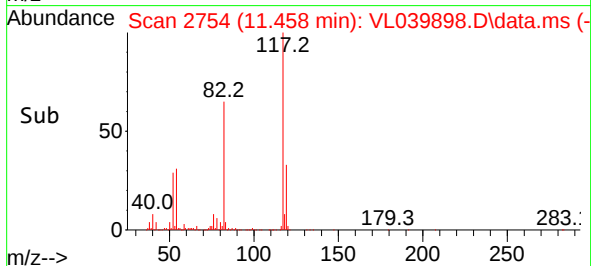
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



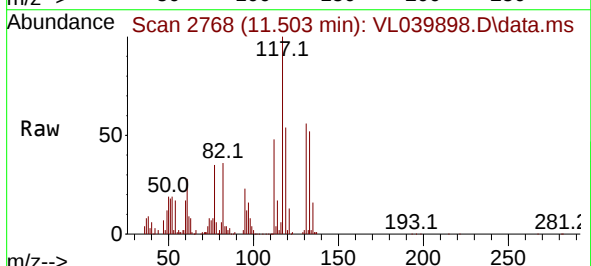
Tgt Ion:117 Resp: 361996
Ion Ratio Lower Upper
117 100
82 63.8 52.3 78.5
119 34.2 25.7 38.5

Manual Integrations
APPROVED

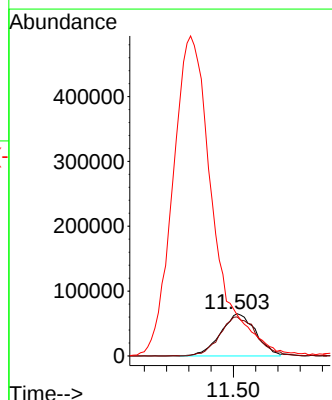
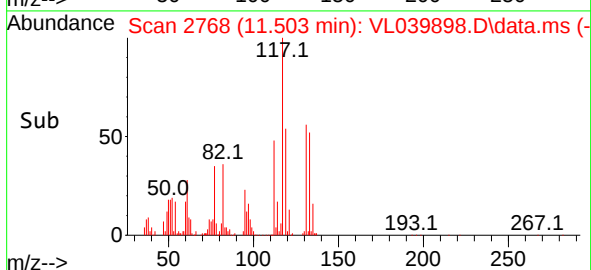
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

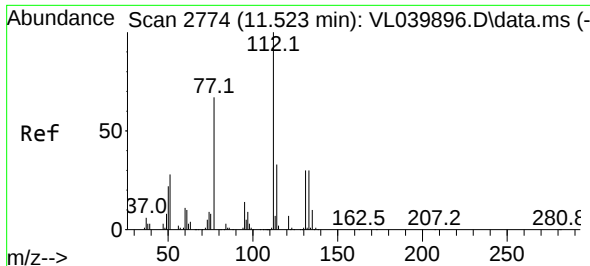


#56
1,1,1,2-Tetrachloroethane
Concen: 0.922 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



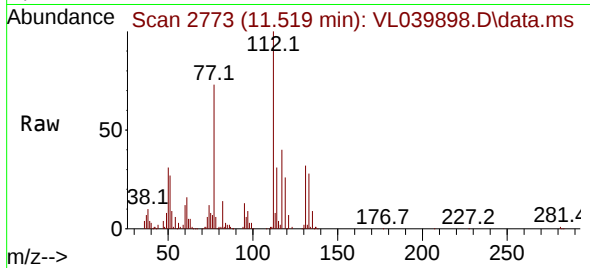
Tgt Ion:131 Resp: 142740
Ion Ratio Lower Upper
131 100
133 97.5 76.7 115.1
119 872.1 46.6 69.8#





#57
Chlorobenzene
Concen: 1.053 ppbv
RT: 11.519 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

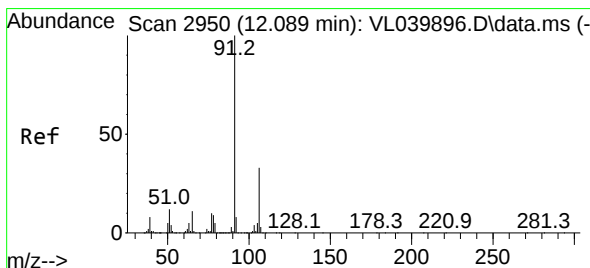
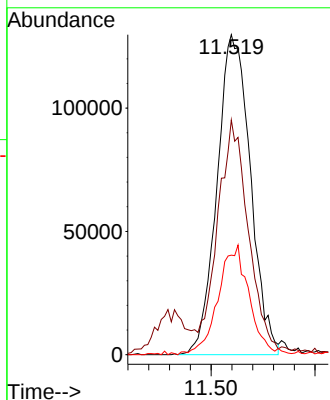
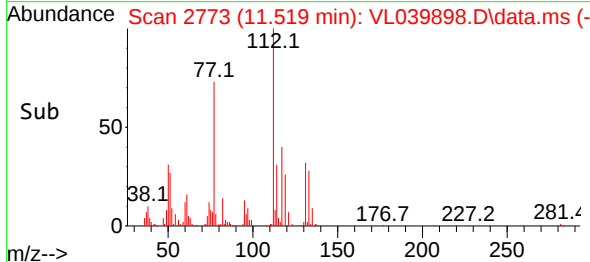
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:112 Resp: 28903
Ion Ratio Lower Upper
112 100
77 71.6 54.6 81.8
114 31.1 30.1 36.7

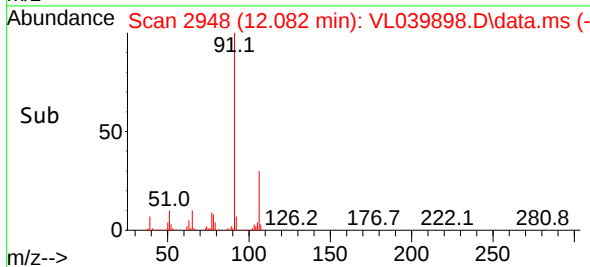
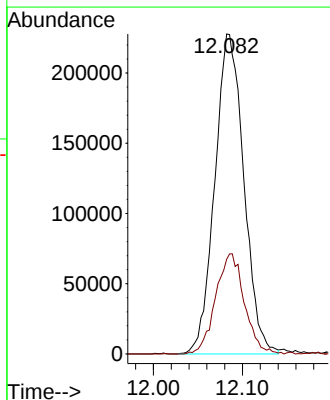
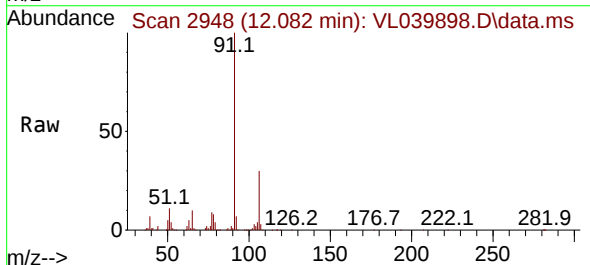
Manual Integrations
APPROVED

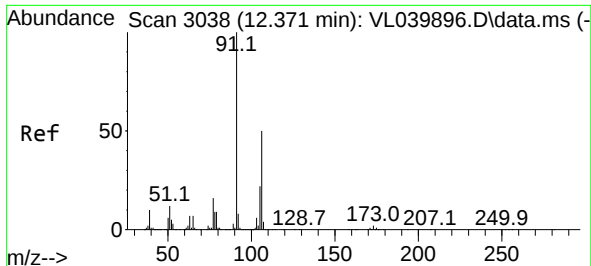
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#58
Ethyl Benzene
Concen: 1.054 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Tgt Ion: 91 Resp: 515690
Ion Ratio Lower Upper
91 100
106 29.6 26.1 39.1





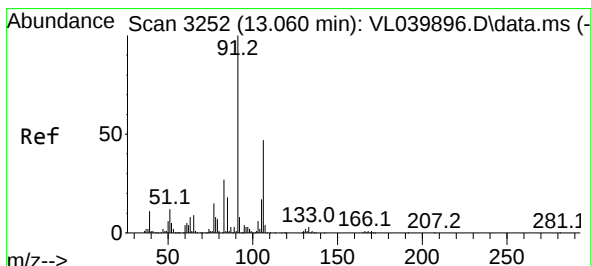
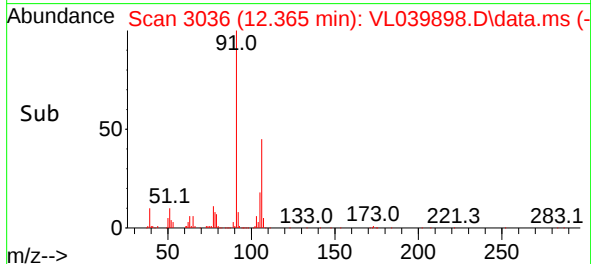
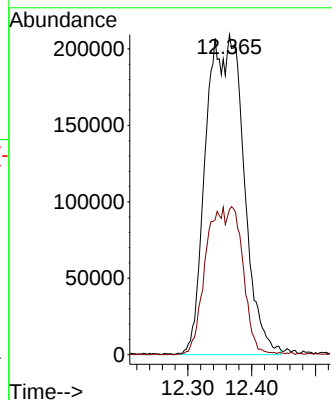
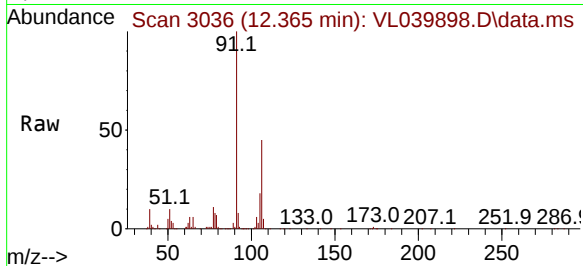
#59
m/p-Xylene
Concen: 2.104 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 85971
Ion Ratio Lower Upper
91 100
106 44.9 37.0 55.6

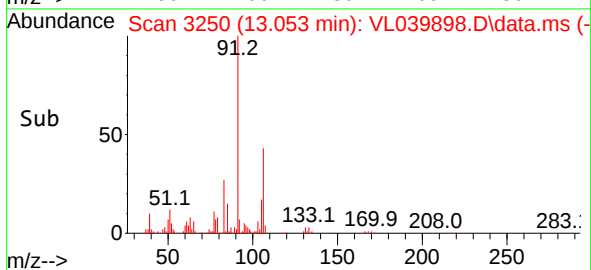
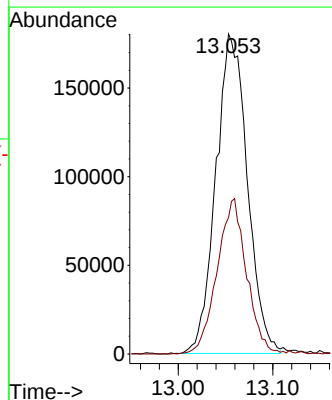
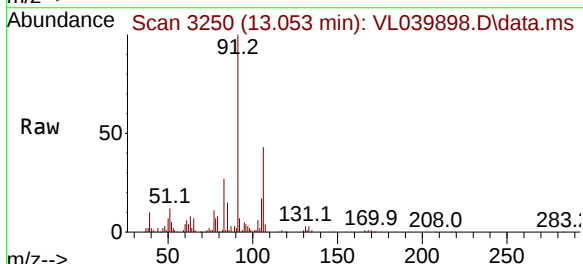
Manual Integrations
APPROVED

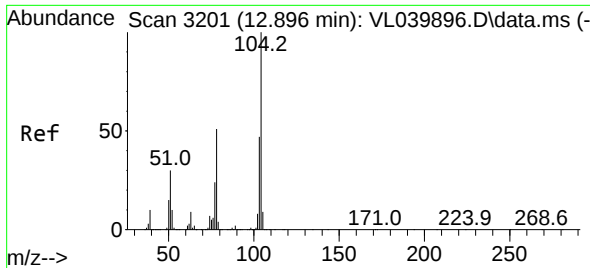
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#60
o-Xylene
Concen: 1.078 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

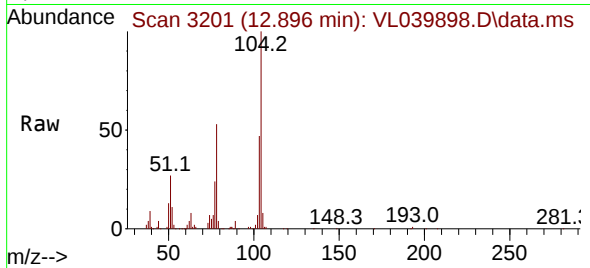
Tgt Ion: 91 Resp: 417092
Ion Ratio Lower Upper
91 100
106 45.9 23.2 69.6





#61
Styrene
Concen: 0.988 ppbv
RT: 12.896 min Scan# 3201
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

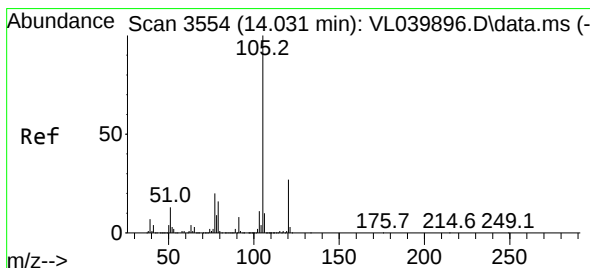
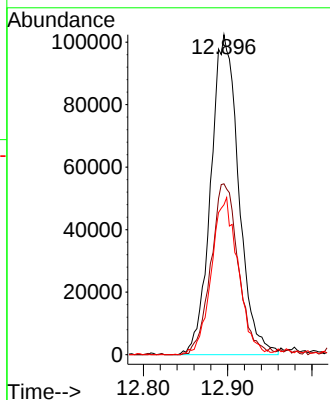
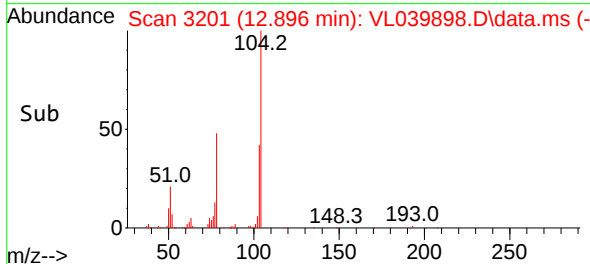
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



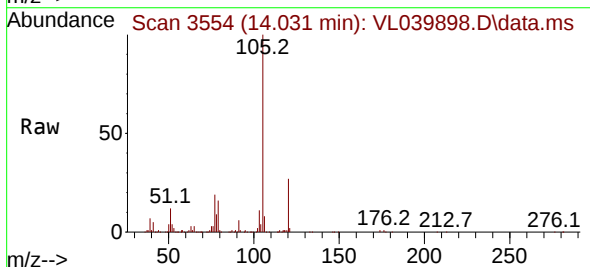
Tgt Ion:104 Resp: 235350
Ion Ratio Lower Upper
104 100
78 53.7 41.8 62.8
103 48.1 37.2 55.8

Manual Integrations
APPROVED

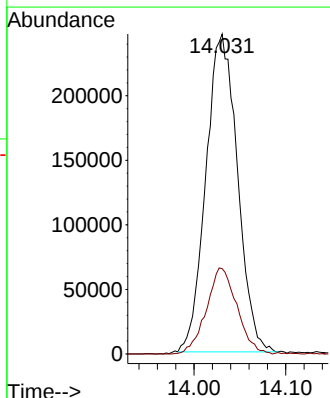
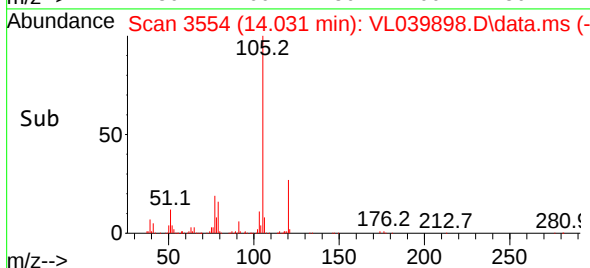
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

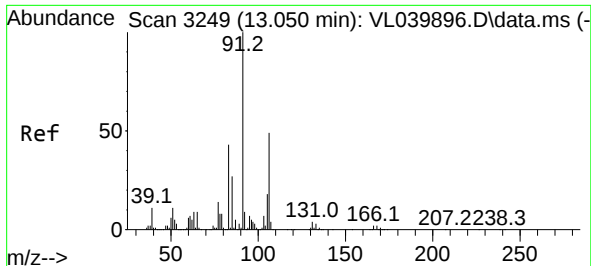


#62
Isopropylbenzene
Concen: 1.043 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



Tgt Ion:105 Resp: 589027
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2





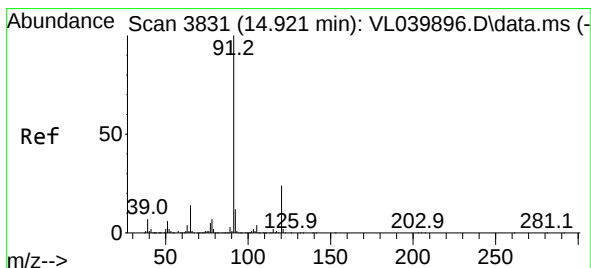
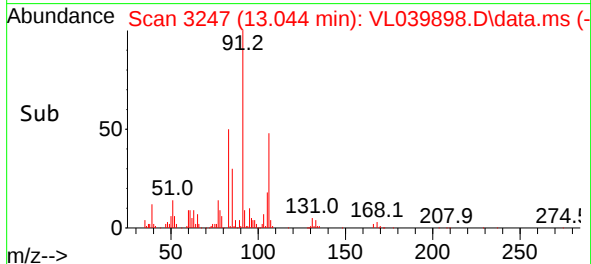
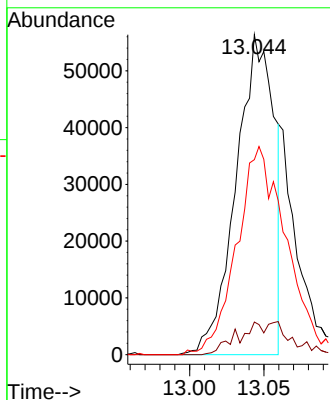
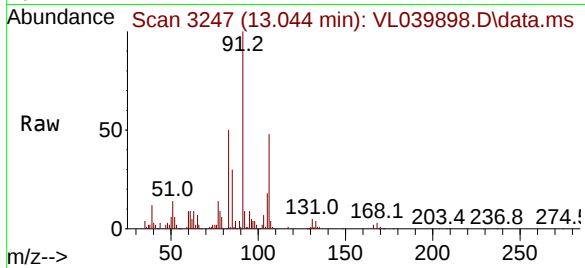
#63
1,1,2,2-Tetrachloroethane
Concen: 0.695 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 10020
Ion Ratio Lower Upper
83 100
131 13.7 4.6 13.8
85 86.8 33.0 99.0

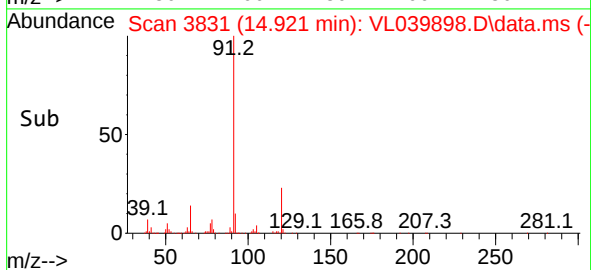
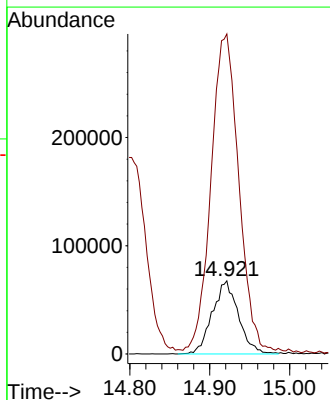
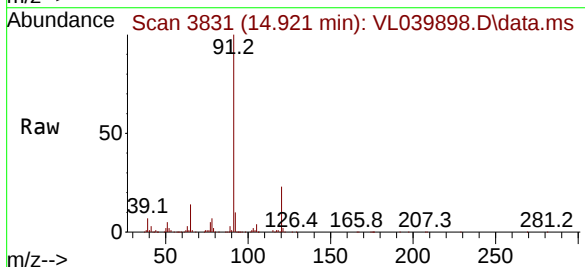
Manual Integrations
APPROVED

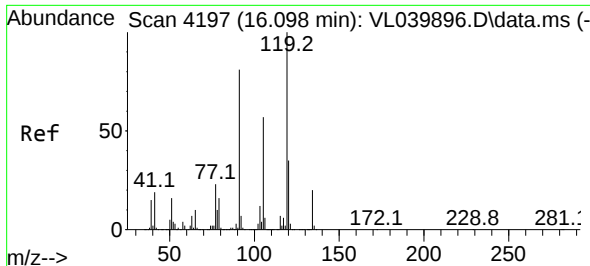
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#64
n-propylbenzene
Concen: 1.011 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

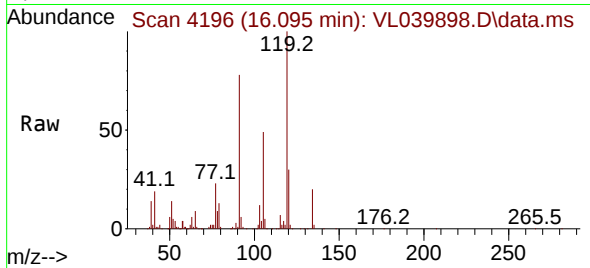
Tgt Ion:120 Resp: 152717
Ion Ratio Lower Upper
120 100
91 473.7 353.7 530.5





#65
tert-Butylbenzene
Concen: 1.062 ppbv m
RT: 16.095 min Scan# 4197
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

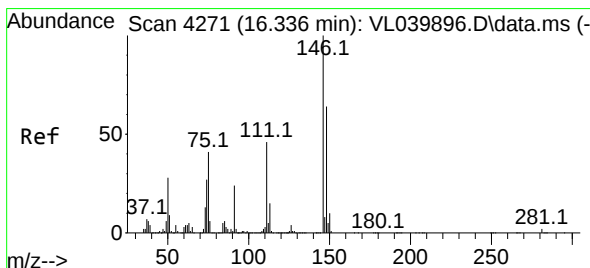
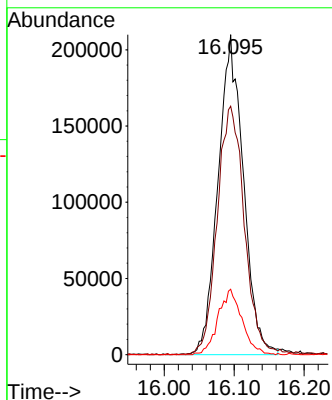
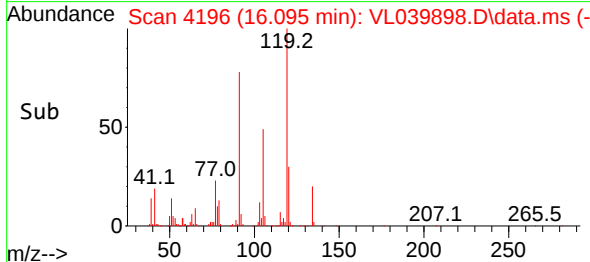
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 119 Resp: 526594
Ion Ratio Lower Upper
119 100
91 83.8 65.8 98.8
134 19.3 16.1 24.1

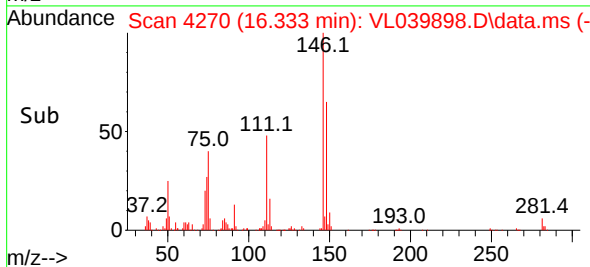
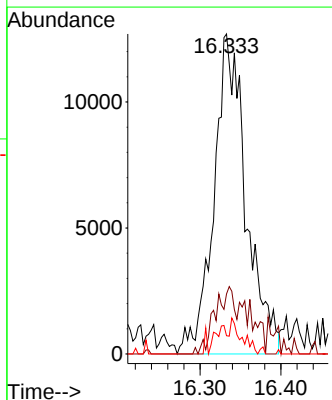
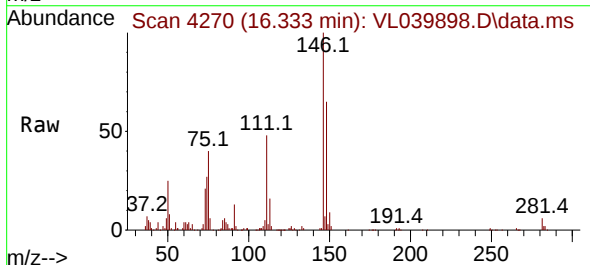
Manual Integrations
APPROVED

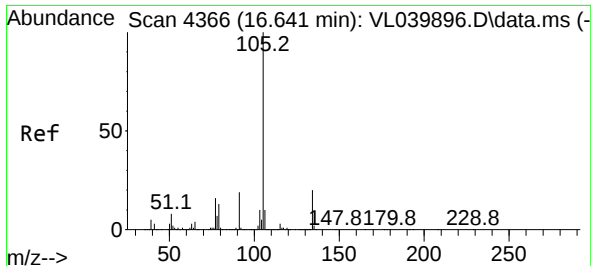
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#66
Benzyl Chloride
Concen: 0.607 ppbv m
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

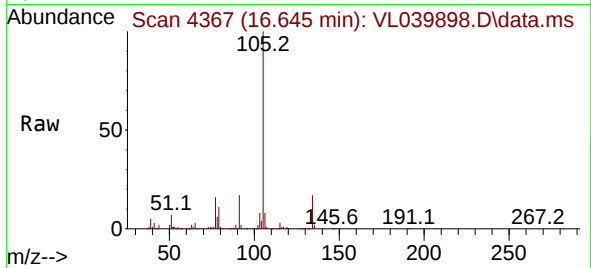
Tgt Ion: 91 Resp: 35003
Ion Ratio Lower Upper
91 100
126 24.9 15.0 22.6#
128 8.2 4.6 7.0#





#67
 sec-Butylbenzene
 Concen: 1.073 ppbv
 RT: 16.645 min Scan# 4366
 Delta R.T. 0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

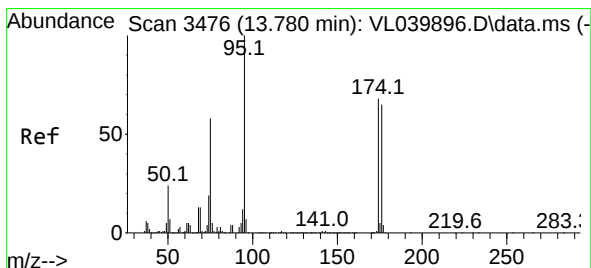
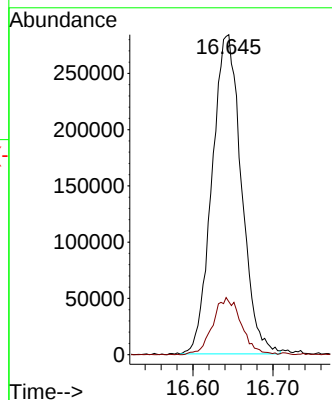
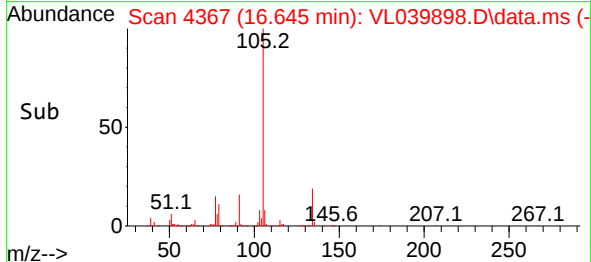
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



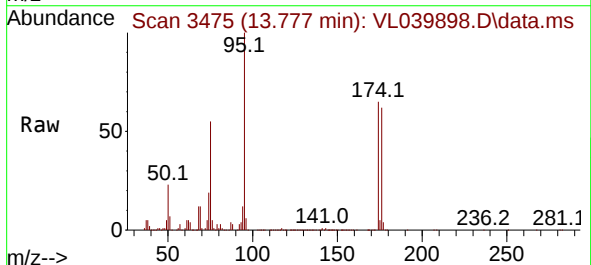
Tgt Ion:105 Resp: 724390
 Ion Ratio Lower Upper
 105 100
 134 17.6 15.0 22.6

Manual Integrations
 APPROVED

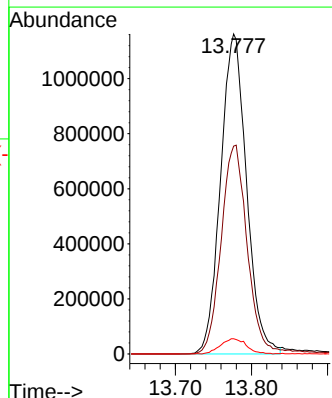
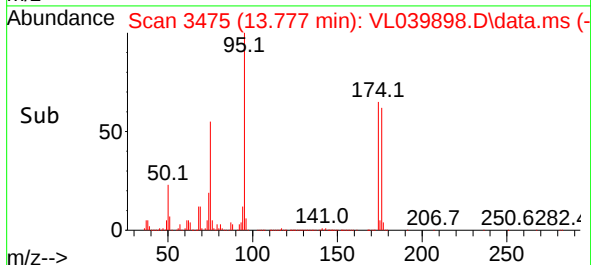
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

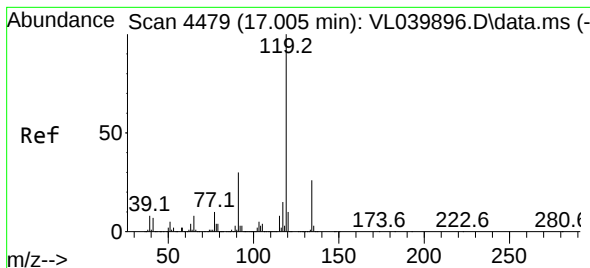


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.161 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04



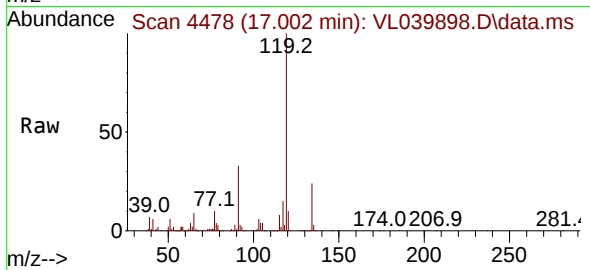
Tgt Ion: 95 Resp: 2753157
 Ion Ratio Lower Upper
 95 100
 174 66.5 53.7 80.5
 175 4.9 4.0 6.0





#69
p-Isopropyltoluene
Concen: 1.053 ppbv
RT: 17.002 min Scan# 4479
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

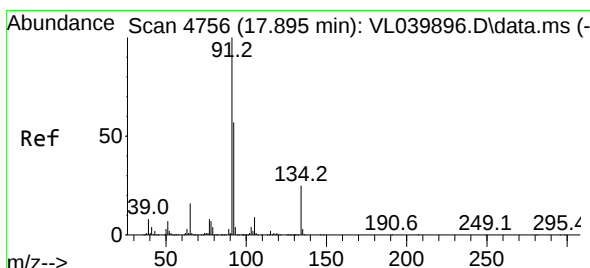
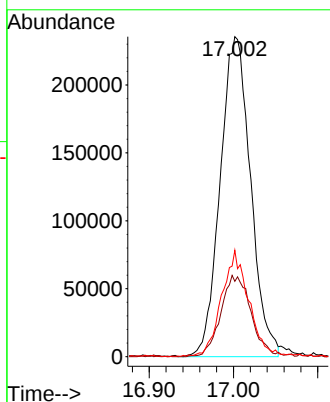
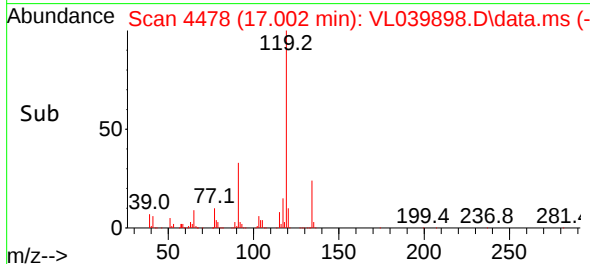
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



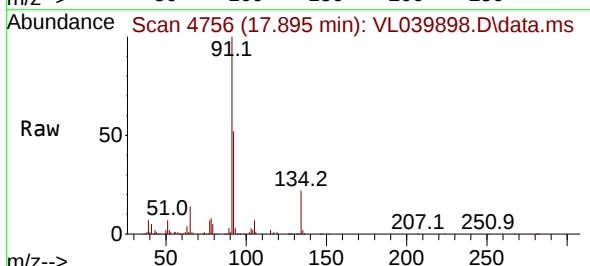
Tgt Ion:119 Resp: 58931
Ion Ratio Lower Upper
119 100
134 25.6 21.0 31.4
91 30.1 24.4 36.6

Manual Integrations
APPROVED

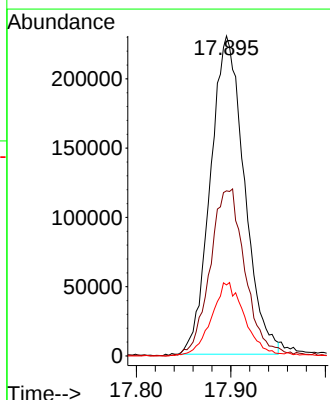
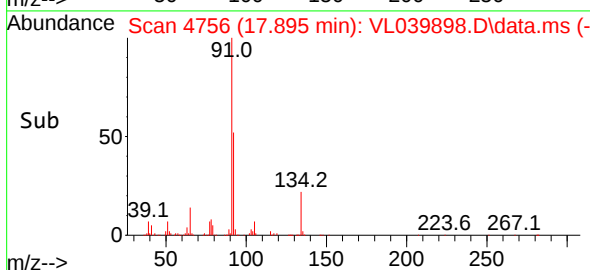
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

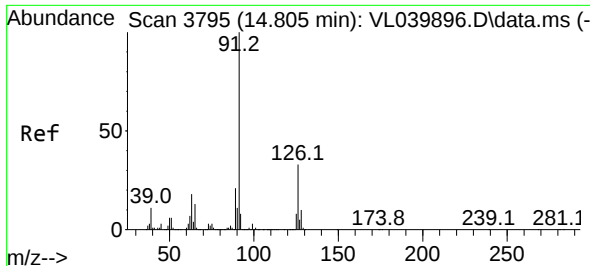


#70
n-Butylbenzene
Concen: 1.057 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



Tgt Ion: 91 Resp: 572010
Ion Ratio Lower Upper
91 100
92 54.5 44.2 66.2
134 23.2 18.8 28.2





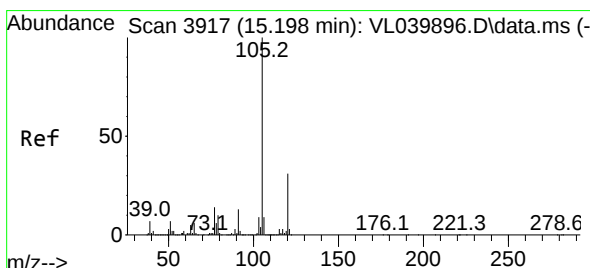
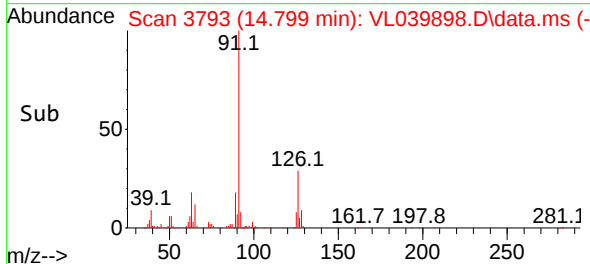
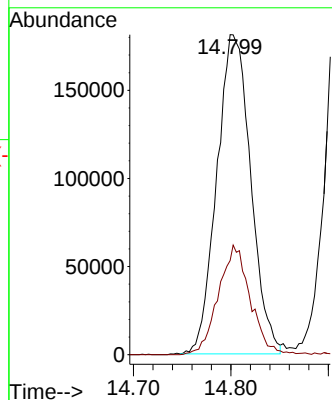
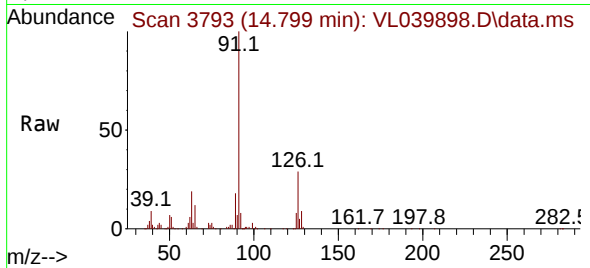
#71
2-Chlorotoluene
Concen: 1.033 ppbv
RT: 14.799 min Scan# 3795
Delta R.T. -0.006 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 43819
Ion Ratio Lower Upper
91 100
126 32.1 12.8 51.0

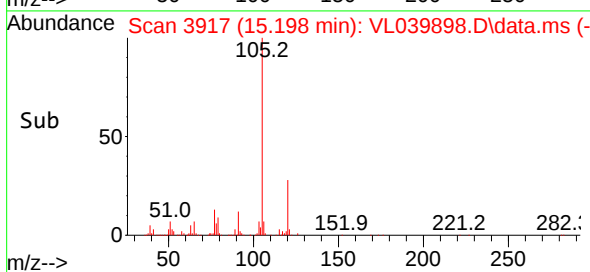
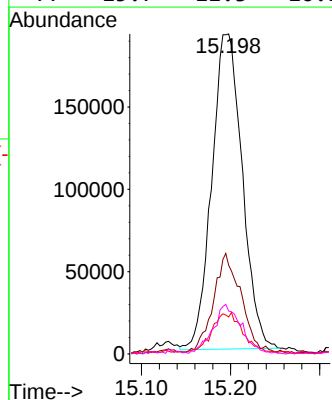
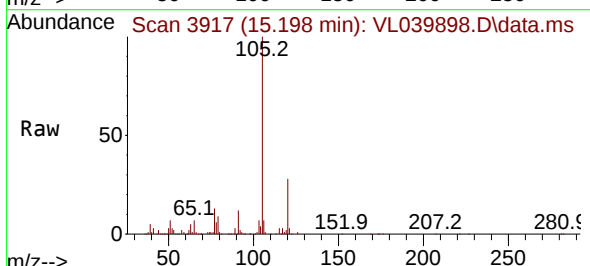
Manual Integrations
APPROVED

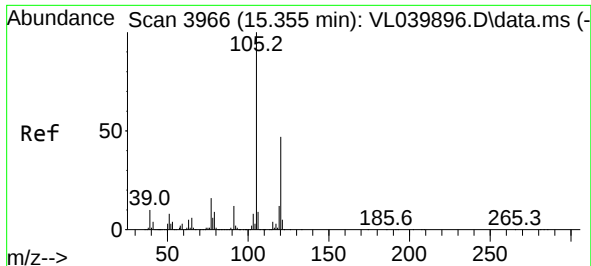
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#72
4-Ethyltoluene
Concen: 1.044 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

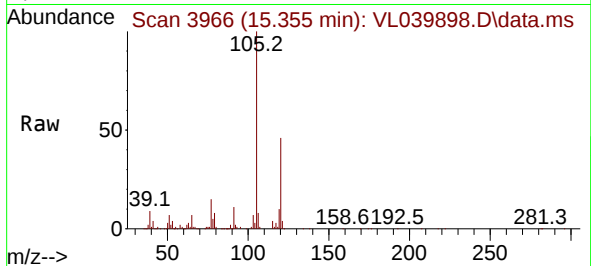
Tgt Ion:105 Resp: 455201
Ion Ratio Lower Upper
105 100
120 31.2 24.5 36.7
91 13.4 10.4 15.6
77 15.7 11.3 16.9





#73
1,3,5-Trimethylbenzene
Concen: 1.044 ppbv
RT: 15.355 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

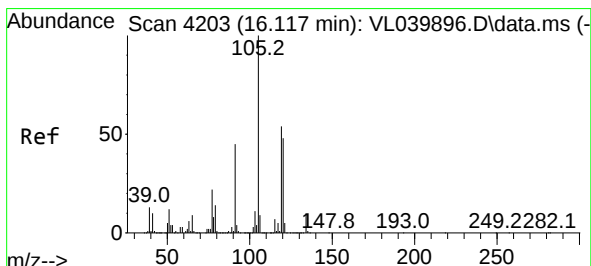
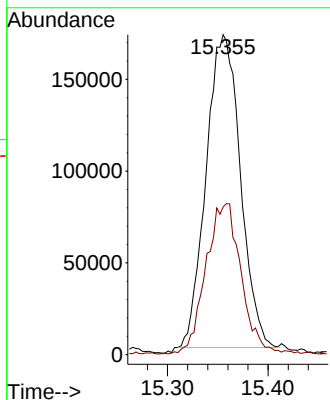
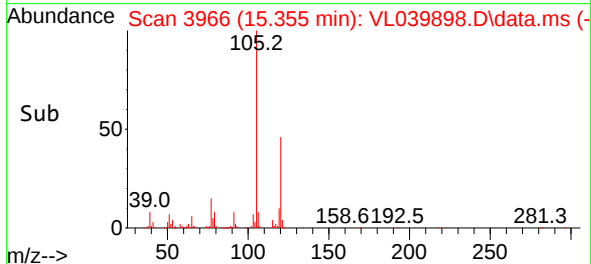
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:105 Resp: 403479
Ion Ratio Lower Upper
105 100
120 46.6 37.9 56.9

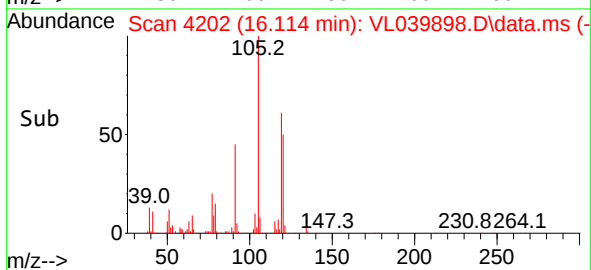
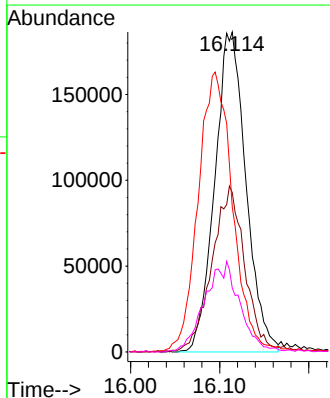
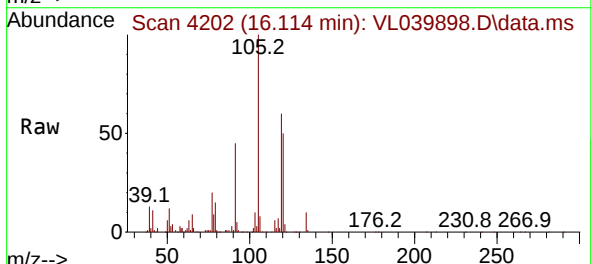
Manual Integrations
APPROVED

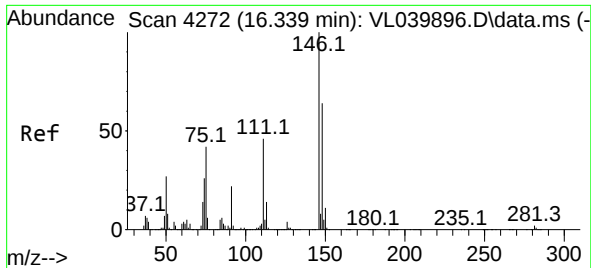
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#74
1,2,4-Trimethylbenzene
Concen: 1.105 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. -0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

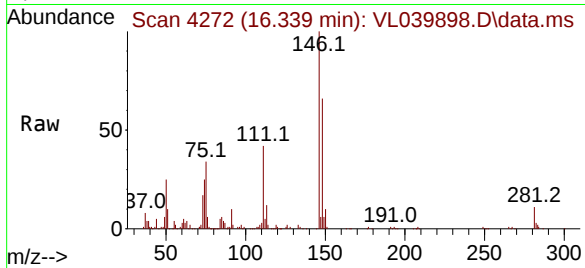
Tgt Ion:105 Resp: 453555
Ion Ratio Lower Upper
105 100
120 49.3 38.7 58.1
91 43.4 36.4 54.6
77 19.2 17.4 26.0





#75
1,3-Dichlorobenzene
Concen: 1.028 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

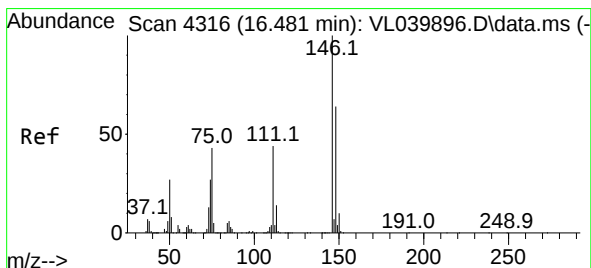
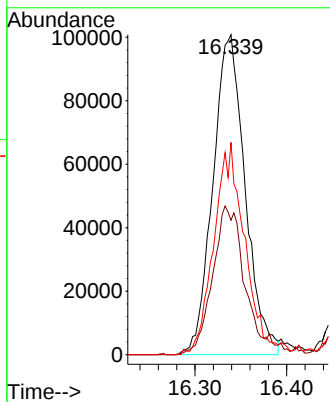
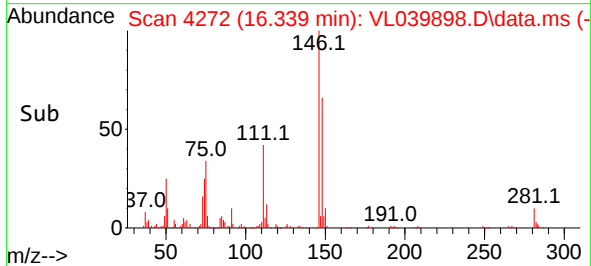
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001



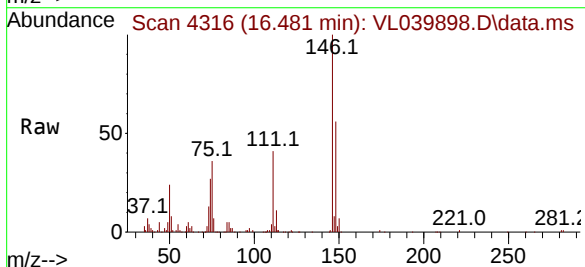
Tgt Ion:146 Resp: 246369
Ion Ratio Lower Upper
146 100
111 47.6 23.3 69.9
148 64.4 32.2 96.6

Manual Integrations
APPROVED

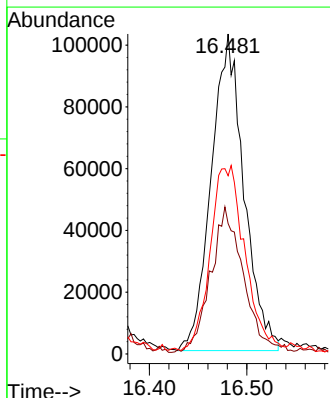
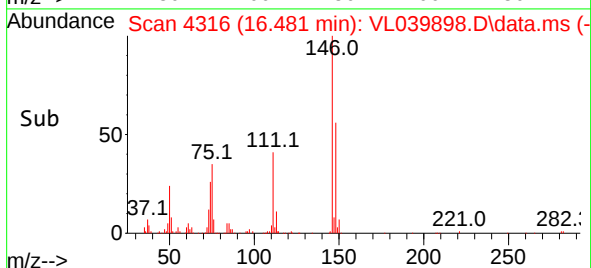
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

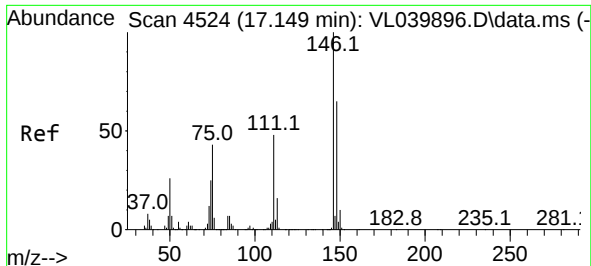


#76
1,4-Dichlorobenzene
Concen: 1.015 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.000 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



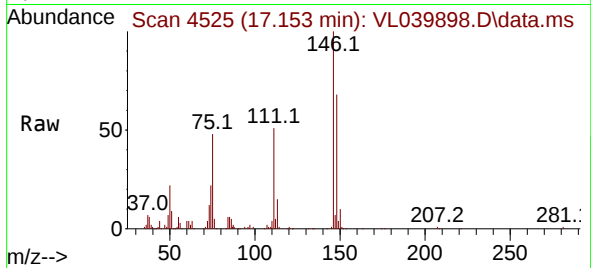
Tgt Ion:146 Resp: 238694
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.3
148 65.2 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 1.018 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

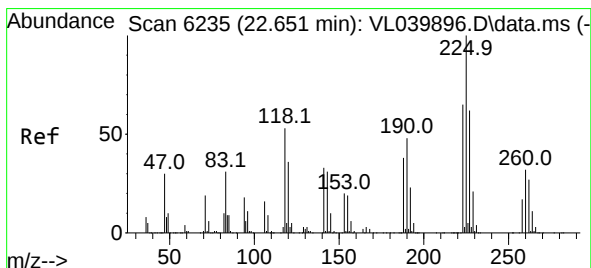
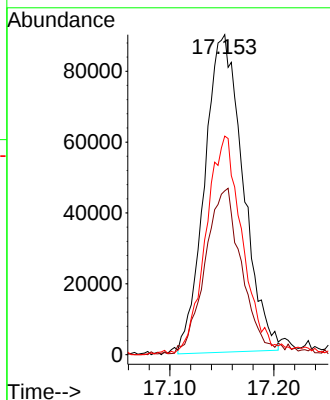
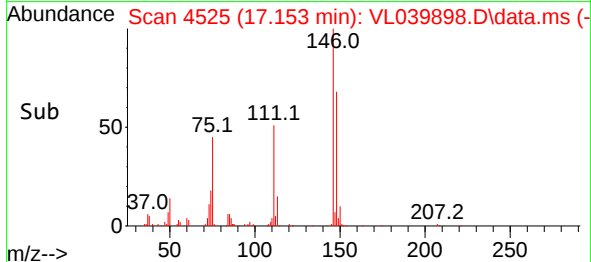
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion:146 Resp: 230135
Ion Ratio Lower Upper
146 100
111 51.8 24.1 72.3
148 68.1 32.4 97.2

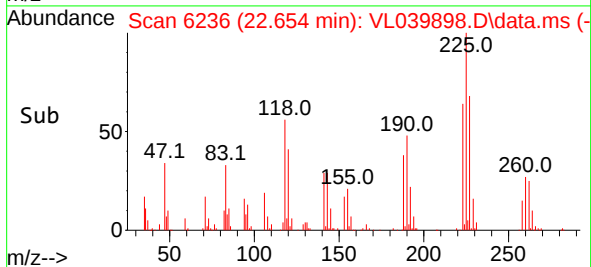
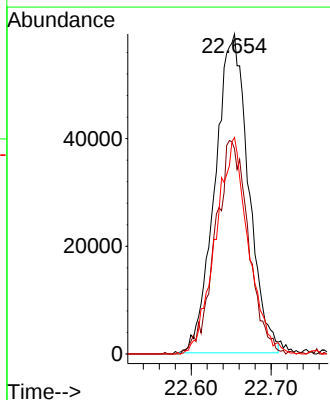
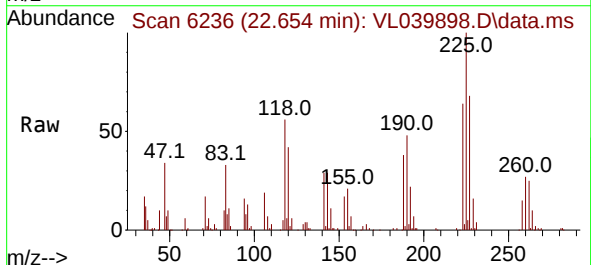
Manual Integrations
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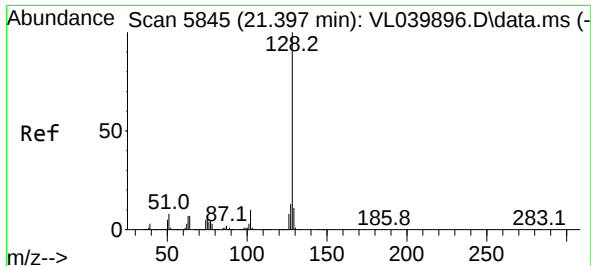
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#78
Hexachloro-1,3-Butadiene
Concen: 1.031 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

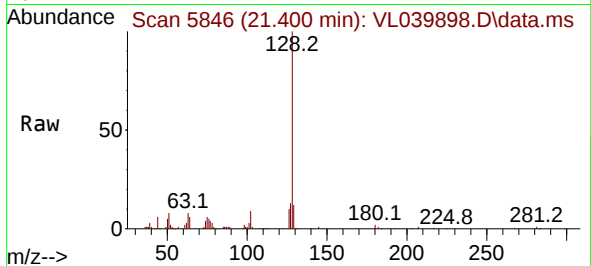
Tgt Ion:225 Resp: 172579
Ion Ratio Lower Upper
225 100
223 66.4 50.7 76.1
227 66.3 50.8 76.2





#79
Naphthalene
Concen: 0.873 ppbv
RT: 21.400 min Scan# 5845
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04

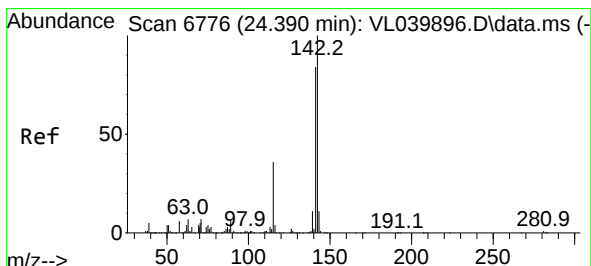
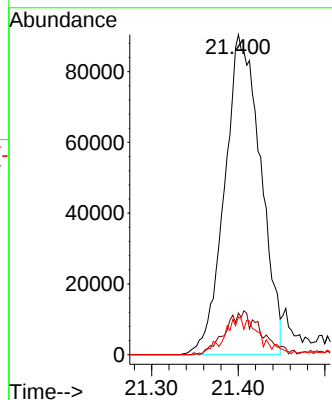
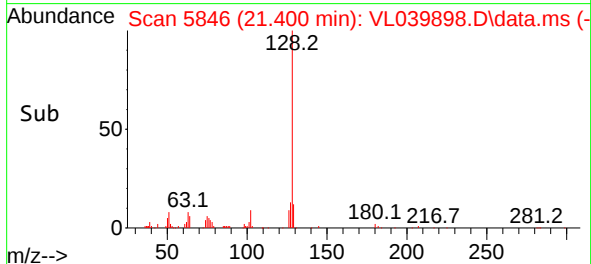
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



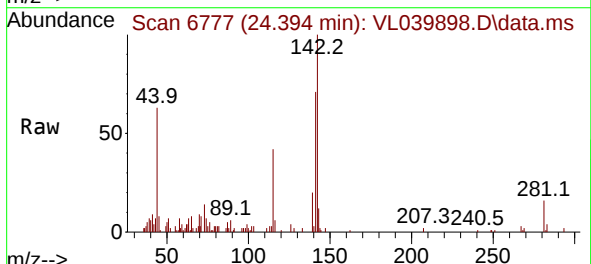
Tgt Ion:128 Resp: 260634
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.8 8.8 13.2

Manual Integrations
APPROVED

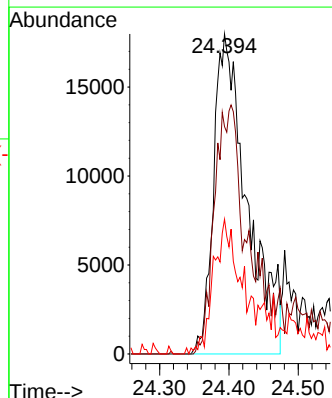
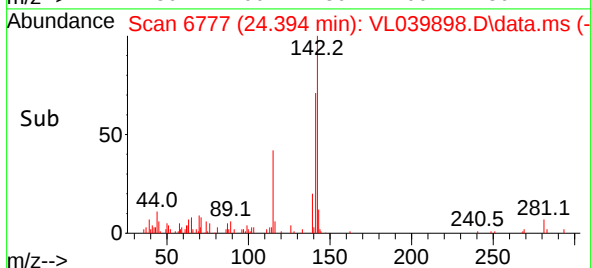
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

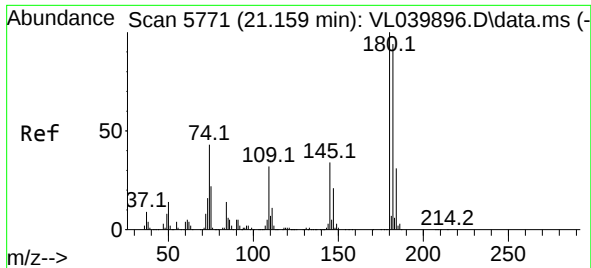


#80
Naphthalene,2-methyl-
Concen: 0.477 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. 0.003 min
Lab File: VL039898.D
Acq: 18 Nov 2022 10:04



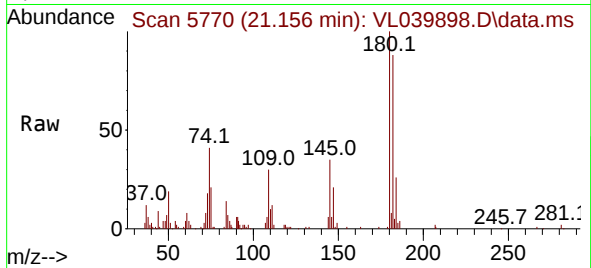
Tgt Ion:142 Resp: 60403
Ion Ratio Lower Upper
142 100
141 89.7 69.1 103.7
115 42.7 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 0.969 ppbv m
 RT: 21.156 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL039898.D
 Acq: 18 Nov 2022 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 161750
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.0 115.6
 184 0.0 25.2 37.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

