

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039896.D
 Acq On : 18 Nov 2022 8:46
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 11:16:03 2022

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

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

QLast Update : Thu Nov 17 12:43:42 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1421788	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	4093546	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	3985955	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 3003597 10.067 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.709	85	1513559	6.306	ppbv	92
3) Chlorodifluoromethane	2.655	51	1852285	10.928	ppbv	100
4) Chloromethane	2.793	50	1244129	11.788	ppbv	99
5) Vinyl Chloride	2.899	62	1067230	12.490	ppbv	99
6) Bromomethane	3.099	94	339961	11.154	ppbv	95
7) Chloroethane	3.179	64	382385	11.942	ppbv	95
8) Dichlorotetrafluoroethane	2.838	85	2181412	10.663	ppbv	94
9) Propene	2.674	41	914153	10.351	ppbv	99
10) Heptane	7.568	43	2196261	10.381	ppbv	99
11) Trichlorofluoromethane	3.542	101	2388499	12.201	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.050	101	1815679	12.842	ppbv	96
13) Ethanol	3.221	45	62494m	10.013	ppbv	
14) Bromoethene	3.346	108	754024	11.910	ppbv	99
15) Acetone	3.449	43	1799082	10.396	ppbv	98
16) 1,3-Butadiene	2.967	39	998256	12.403	ppbv	100
17) tert-Butyl alcohol	3.861	59	2234632	13.559	ppbv	99
18) 1,1-Dichloroethene	3.861	96	844527	13.027	ppbv	99
19) Isopropyl Alcohol	3.555	45	1068940	12.479	ppbv	94
20) Methylene Chloride	3.912	84	715295	11.553	ppbv	96
21) Allyl Chloride	3.980	41	1349655	12.330	ppbv	97
22) trans-1,2-Dichloroethene	4.430	96	874578	13.292	ppbv	98
23) Vinyl Acetate	4.607	43	788294	11.434	ppbv	98
24) 1,1-Dichloroethane	4.549	63	1834587	13.027	ppbv	100
25) Ethyl Acetate	5.188	43	3444184	9.662	ppbv	98
26) Hexane	5.198	57	1466610	9.227	ppbv	97
27) Carbon Disulfide	4.108	76	2174259	13.027	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	1872818	13.018	ppbv	98
29) Chloroform	5.259	83	2122106	9.495	ppbv	99
30) Cyclohexane	6.590	84	1435216	10.798	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	1453834	10.031	ppbv	98
32) 1,1,1-Trichloroethane	5.989	97	2503369	11.252	ppbv	99
34) 2-Butanone	4.767	43	2101018	12.441	ppbv	100
35) Carbon Tetrachloride	6.478	117	2549624	10.685	ppbv	97
36) Benzene	6.356	78	3536918	10.243	ppbv	97
37) 1,2-Dichloroethane	5.790	62	1935107	11.680	ppbv	100
38) Trichloroethene	7.282	130	1937142	10.481	ppbv	97
39) 1,2-Dichloropropane	7.063	63	1394274	10.363	ppbv	97
40) 1,4-Dioxane	7.278	88	541189	10.505	ppbv	89
41) Tetrahydrofuran	5.542	42	1466748	10.392	ppbv	100
42) Bromodichloromethane	7.240	83	2817604	10.648	ppbv	98
43) Methyl Methacrylate	7.465	69	1472562	10.790	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	5804618	9.959	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	1528925	11.696	ppbv	99

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 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 11:16:03 2022

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

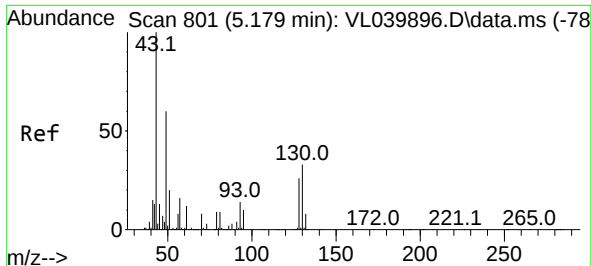
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Thu Nov 17 12:43:42 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	1952866	10.945	ppbv	99
47) 1,1,2-Trichloroethane	8.889	97	1406355	10.323	ppbv	99
48) Dibromochloromethane	9.703	129	2359863	10.166	ppbv	100
49) Bromoform	12.407	173	2043433	10.952	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	3699728	10.701	ppbv	99
51) 2-Hexanone	9.542	43	2947397	10.933	ppbv	99
52) Tetrachloroethene	10.613	164	1279940	9.894	ppbv	95
53) Toluene	9.214	91	4023410	10.157	ppbv	98
54) 1,2-Dibromoethane	10.005	107	1613276	10.670	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	1679215	9.854	ppbv	100
57) Chlorobenzene	11.523	112	2994034	9.903	ppbv	99
58) Ethyl Benzene	12.089	91	5304805	9.843	ppbv	94
59) m/p-Xylene	12.371	91	8788729m	19.536	ppbv	
60) o-Xylene	13.060	91	4212870	9.884	ppbv	99
61) Styrene	12.896	104	2687471	10.247	ppbv	99
62) Isopropylbenzene	14.031	105	5989720	9.634	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.050	83	1445728	9.108	ppbv	99
64) n-propylbenzene	14.921	120	1625599	9.774	ppbv	86
65) tert-Butylbenzene	16.098	119	5209208	9.542	ppbv	98
66) Benzyl Chloride	16.336	91	611837	9.639	ppbv	99
67) sec-Butylbenzene	16.641	105	7148944	9.620	ppbv	97
69) p-Isopropyltoluene	17.005	119	5936736	9.632	ppbv	98
70) n-Butylbenzene	17.895	91	5931407	9.954	ppbv	97
71) 2-Chlorotoluene	14.805	91	4594937	9.836	ppbv	96
72) 4-Ethyltoluene	15.198	105	4919065	10.249	ppbv	98
73) 1,3,5-Trimethylbenzene	15.355	105	4346471	10.216	ppbv	93
74) 1,2,4-Trimethylbenzene	16.117	105	4590439	10.155	ppbv	97
75) 1,3-Dichlorobenzene	16.339	146	2686591	10.179	ppbv	98
76) 1,4-Dichlorobenzene	16.481	146	2665949	10.293	ppbv	98
77) 1,2-Dichlorobenzene	17.149	146	2535173	10.189	ppbv	98
78) Hexachloro-1,3-Butadiene	22.651	225	1603424	8.698	ppbv	99
79) Naphthalene	21.397	128	3056522	9.300	ppbv	98
80) Naphthalene,2-methyl-	24.390	142	808010	5.799	ppbv	94
81) 1,2,4-Trichlorobenzene	21.159	180	1738250	9.455	ppbv	99

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



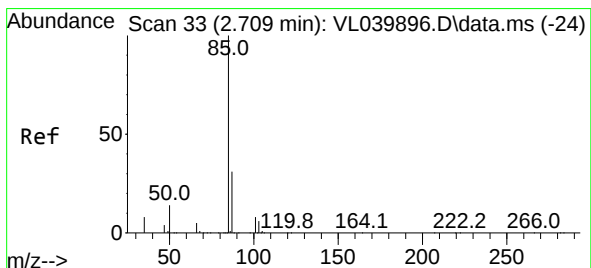
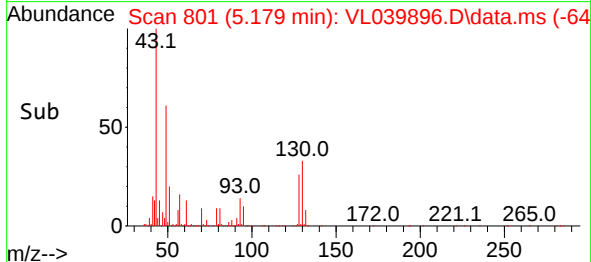
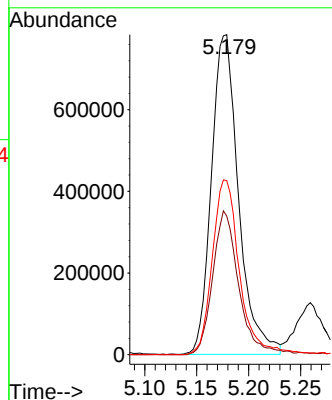
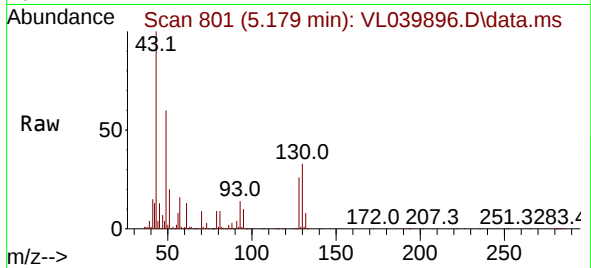
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.006 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 142178
Ion Ratio Lower Upper
49 100
128 44.2 23.6 71.0
130 55.4 30.8 92.3

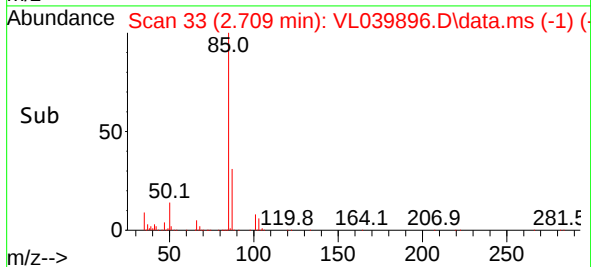
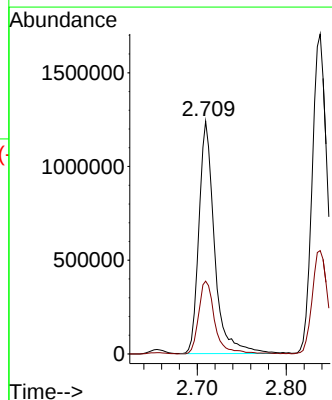
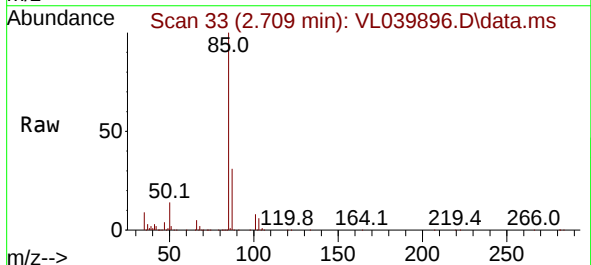
Manual Integrations
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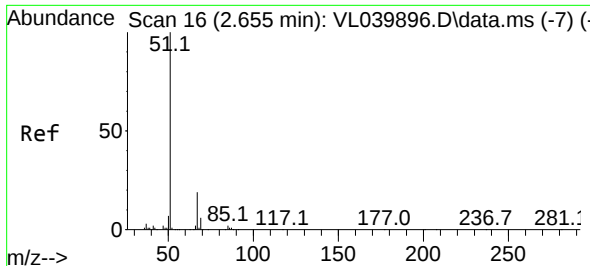
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#2
Dichlorodifluoromethane
Concen: 6.306 ppbv
RT: 2.709 min Scan# 33
Delta R.T. -0.006 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

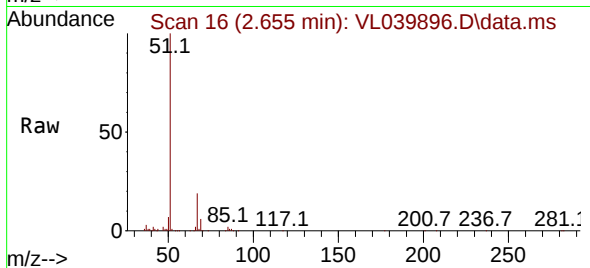
Tgt Ion: 85 Resp: 1513559
Ion Ratio Lower Upper
85 100
87 31.2 28.8 43.2





#3
Chlorodifluoromethane
Concen: 10.928 ppbv
RT: 2.655 min Scan# 16
Delta R.T. -0.006 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

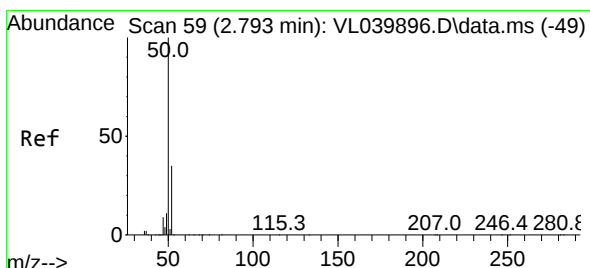
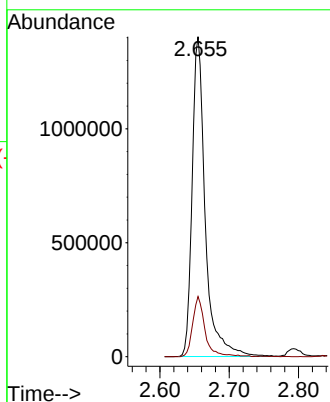
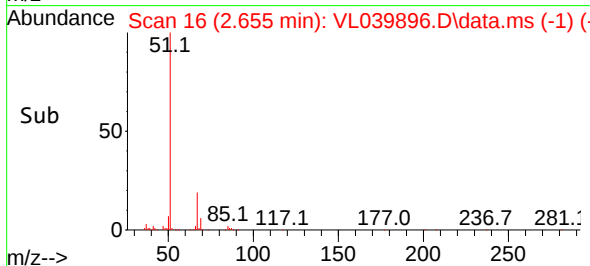
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



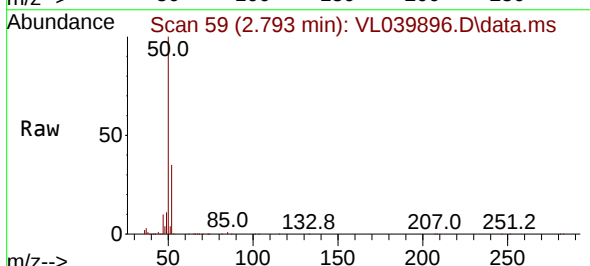
Tgt Ion: 51 Resp: 185228
Ion Ratio Lower Upper
51 100
67 17.8 14.4 21.6

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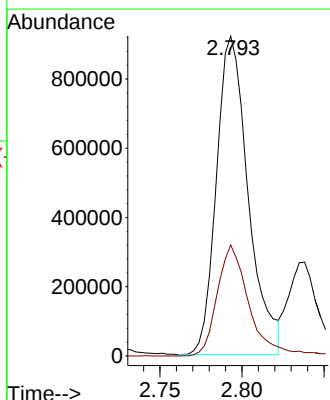
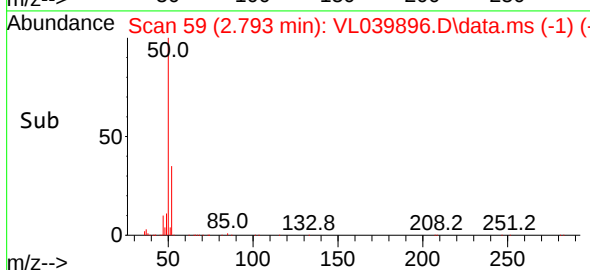
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

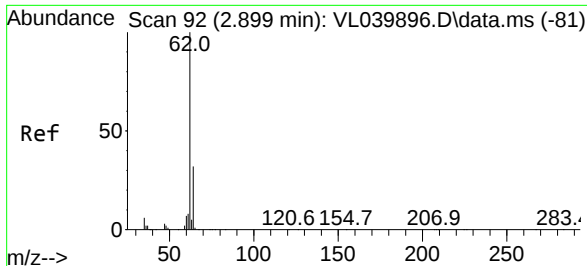


#4
Chloromethane
Concen: 11.788 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.006 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



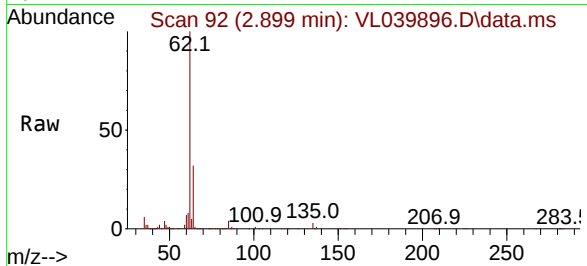
Tgt Ion: 50 Resp: 1244129
Ion Ratio Lower Upper
50 100
52 34.8 27.2 40.8





#5
 Vinyl Chloride
 Concen: 12.490 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

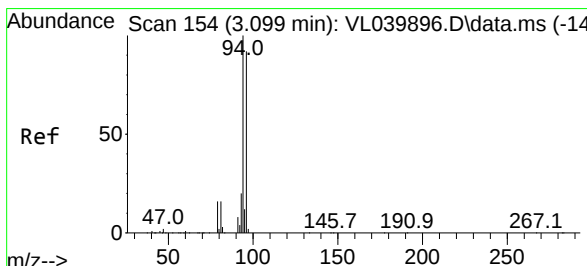
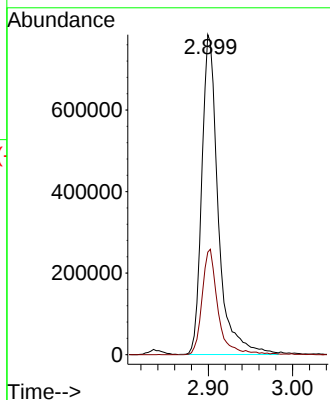
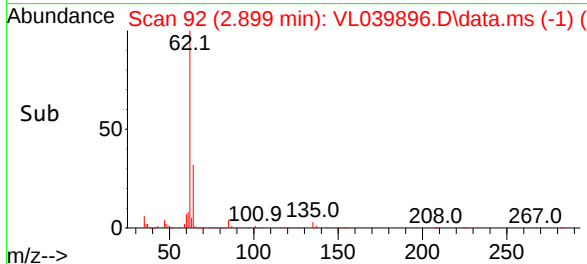
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 1067230
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.0 39.0

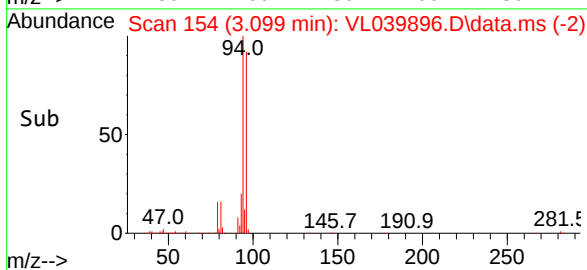
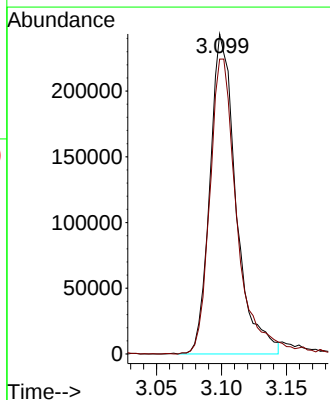
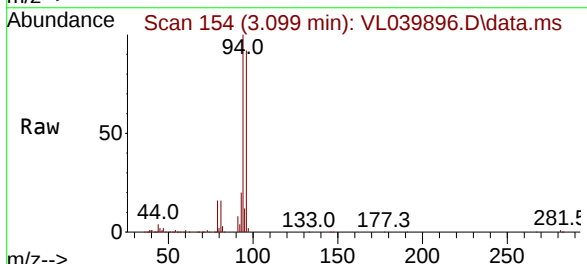
Manual Integrations
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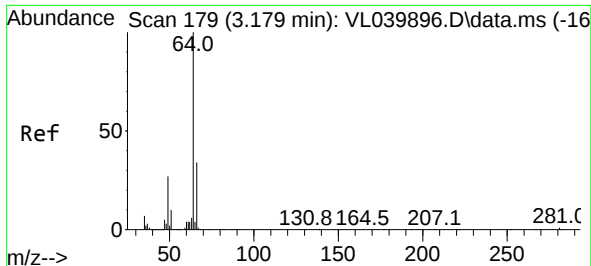
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#6
 Bromomethane
 Concen: 11.154 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. -0.010 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

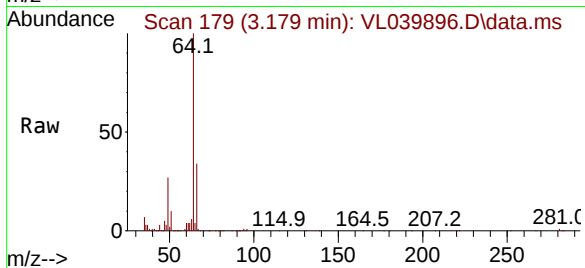
Tgt Ion: 94 Resp: 339961
 Ion Ratio Lower Upper
 94 100
 96 92.1 77.5 116.3





#7
Chloroethane
Concen: 11.942 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

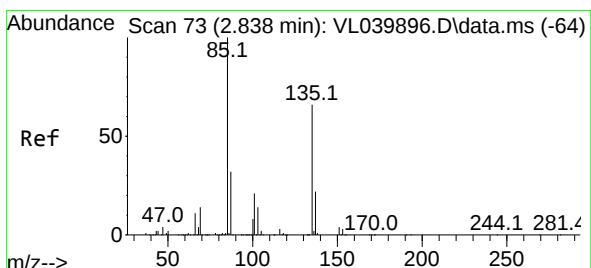
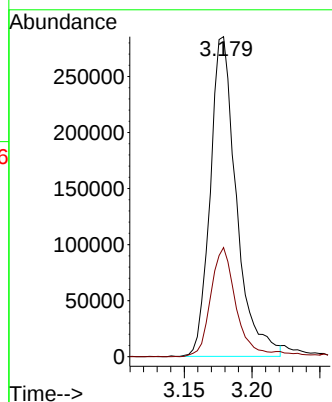
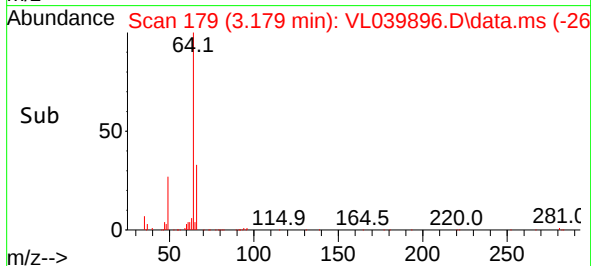
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 38238
Ion Ratio Lower Upper
64 100
66 34.1 25.3 37.9

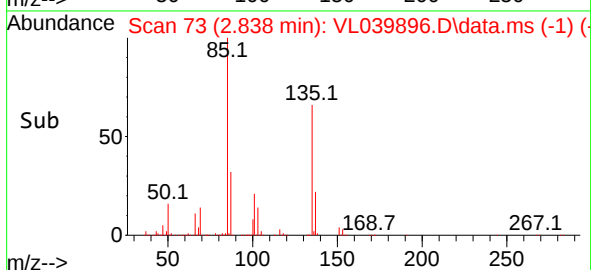
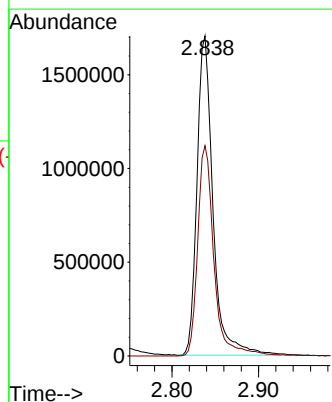
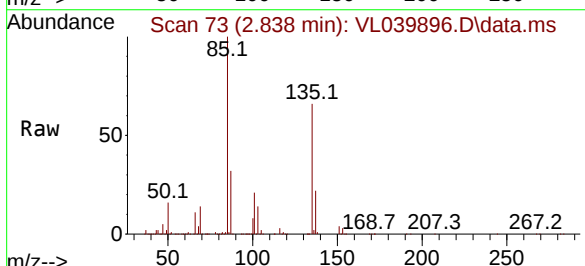
Manual Integrations
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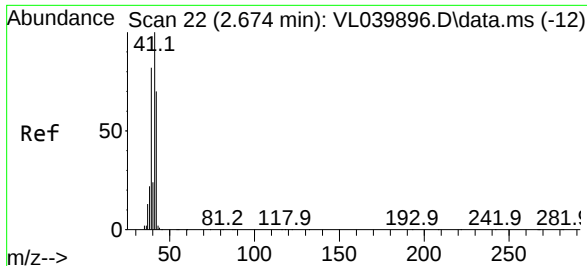
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#8
Dichlorotetrafluoroethane
Concen: 10.663 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.006 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

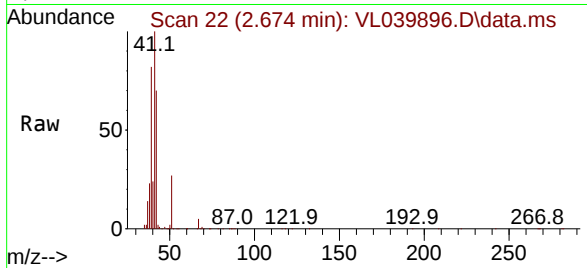
Tgt Ion: 85 Resp: 2181412
Ion Ratio Lower Upper
85 100
135 67.6 58.4 87.6





#9
 Propene
 Concen: 10.351 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

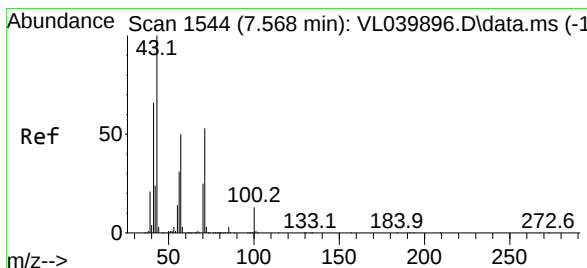
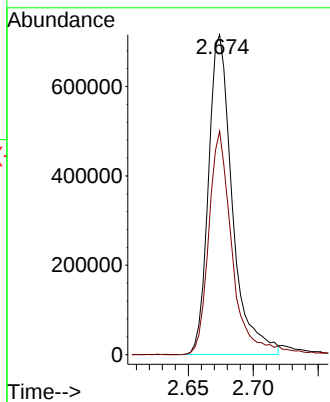
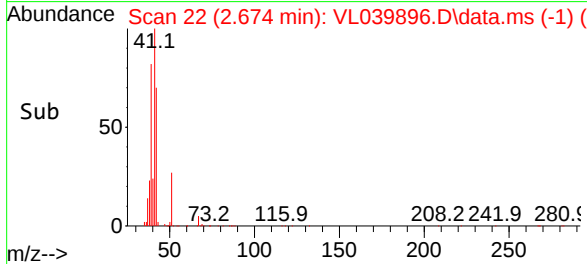
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 91415
 Ion Ratio Lower Upper
 41 100
 42 69.7 55.2 82.8

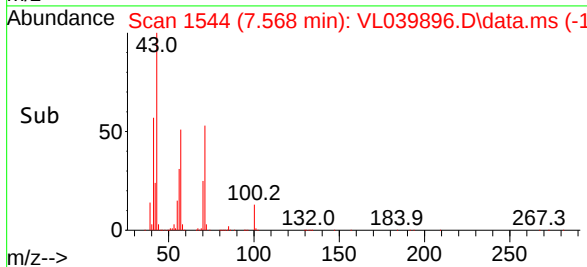
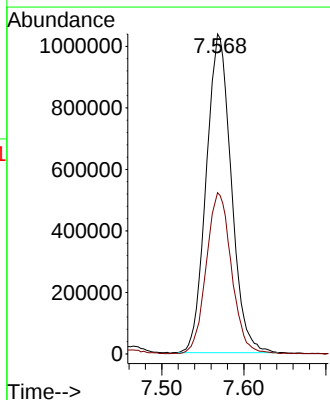
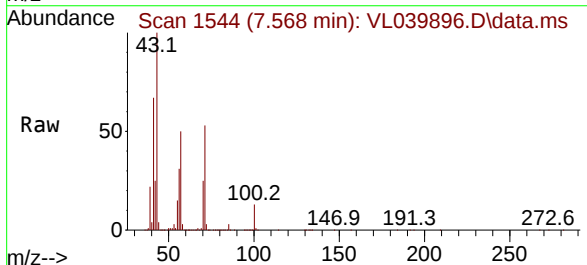
Manual Integrations
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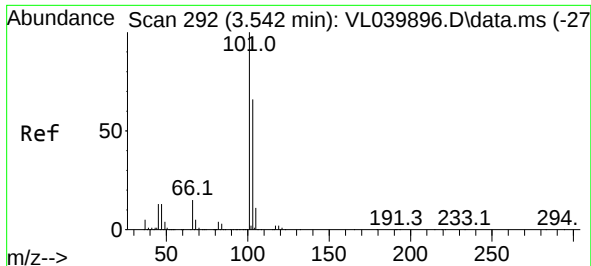
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#10
 Heptane
 Concen: 10.381 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.016 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

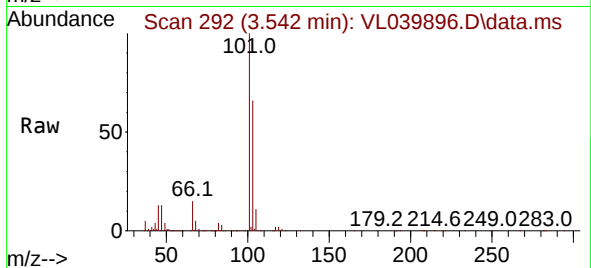
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 Ion Ratio Lower Upper
 43 100
 57 50.9 41.3 61.9





#11
 Trichlorofluoromethane
 Concen: 12.201 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. -0.013 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

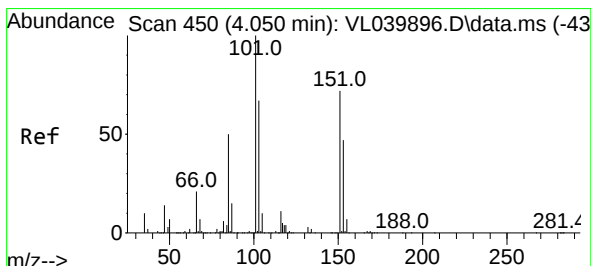
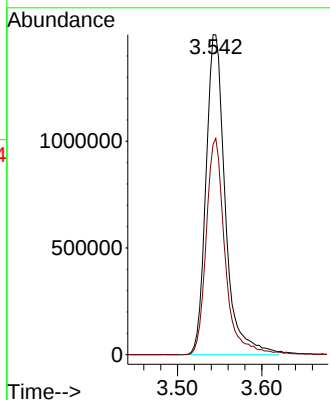
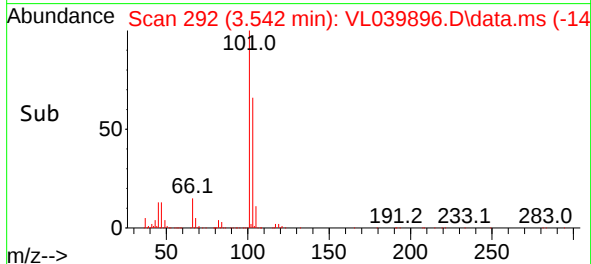
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



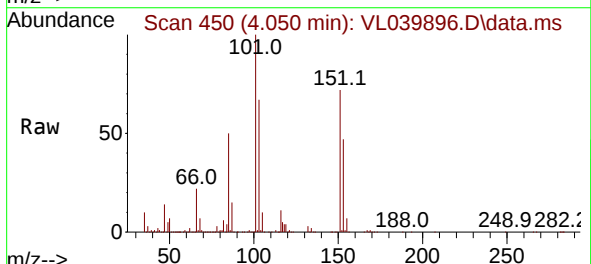
Tgt Ion:101 Resp: 2388499
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.6 80.4

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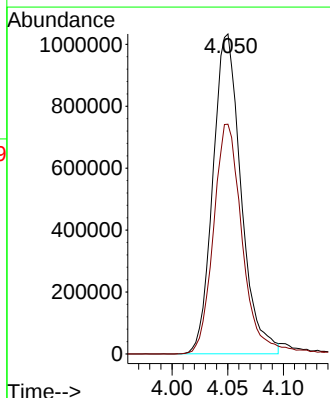
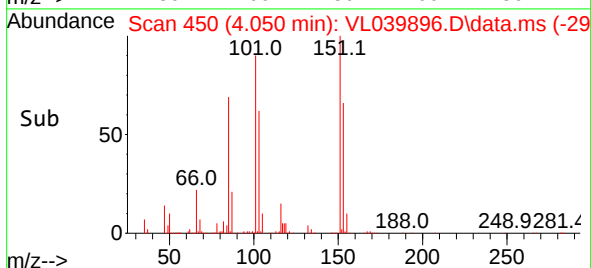
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

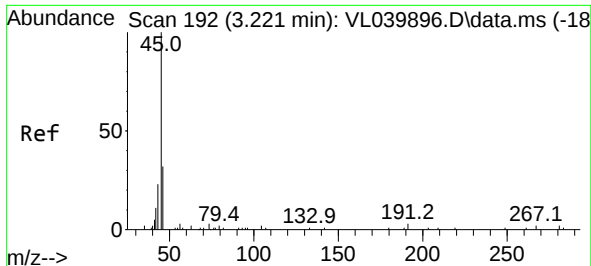


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.842 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. -0.010 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46



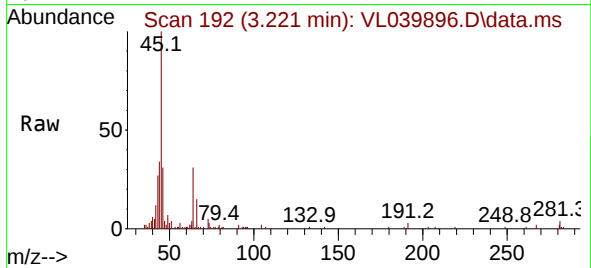
Tgt Ion:101 Resp: 1815679
 Ion Ratio Lower Upper
 101 100
 151 74.5 62.5 93.7





#13
Ethanol
Concen: 10.013 ppbv m
RT: 3.221 min Scan# 192
Delta R.T. -0.010 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

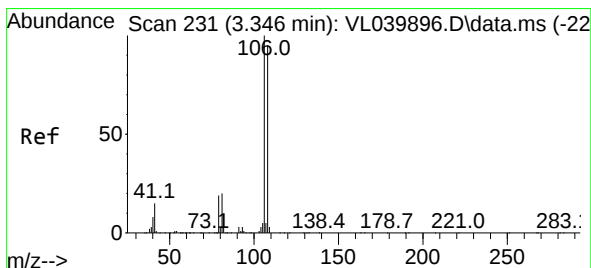
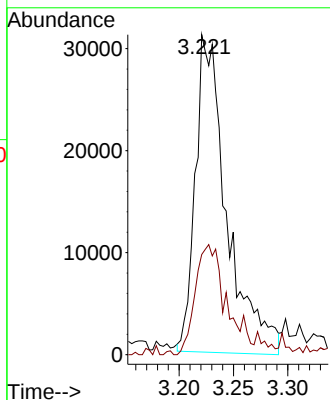
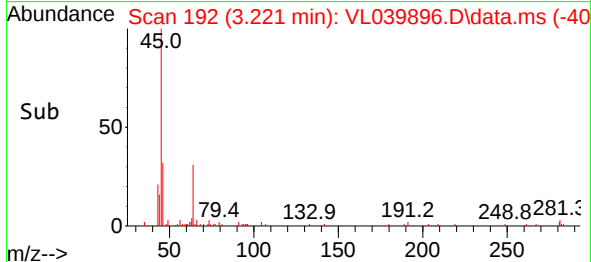
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



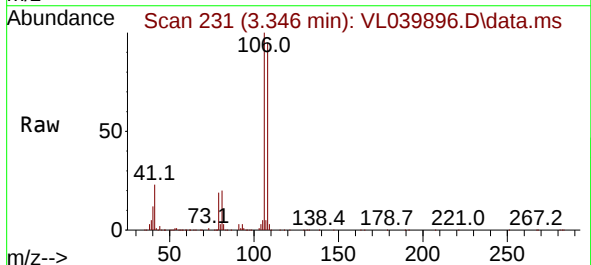
Tgt Ion: 45 Resp: 62494
Ion Ratio Lower Upper
45 100
46 36.4 19.2 76.6

Manual Integrations
APPROVED

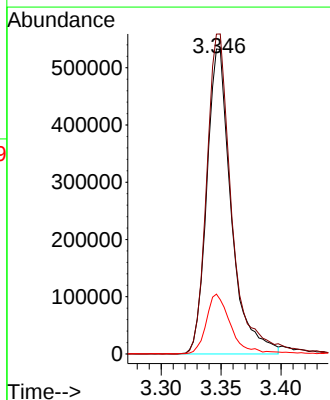
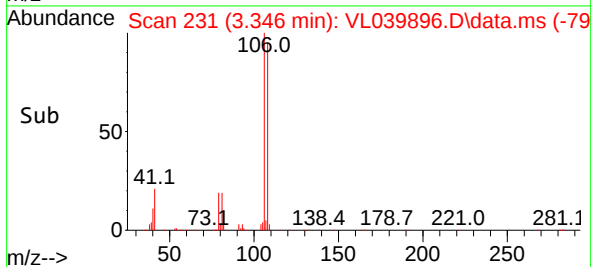
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

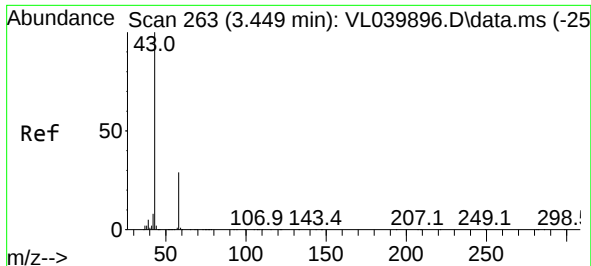


#14
Bromoethene
Concen: 11.910 ppbv
RT: 3.346 min Scan# 231
Delta R.T. -0.010 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



Tgt Ion:108 Resp: 754024
Ion Ratio Lower Upper
108 100
106 109.1 87.0 130.4
79 19.9 14.5 21.7





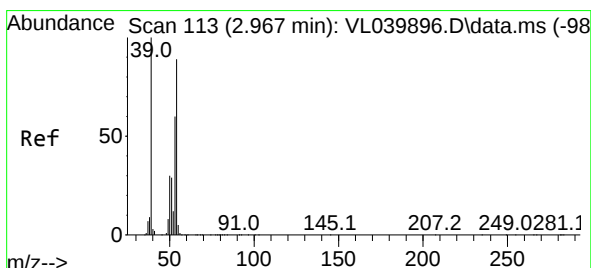
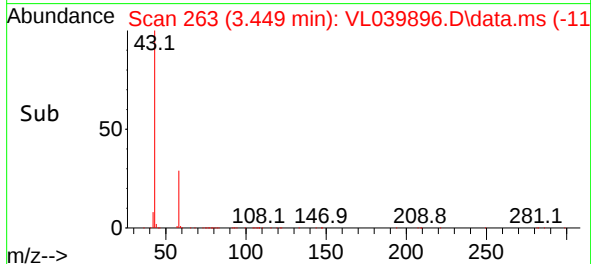
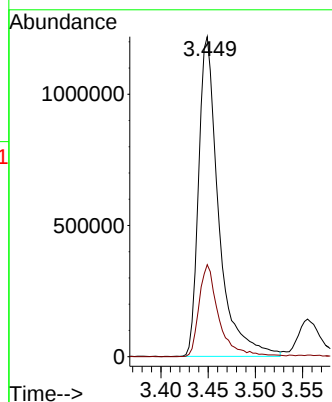
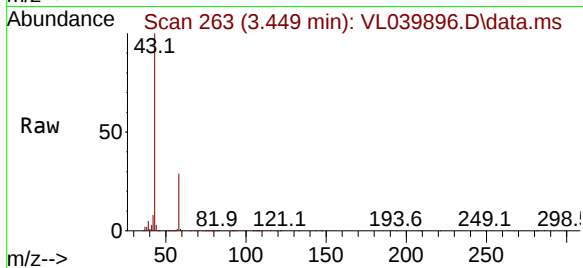
#15
Acetone
Concen: 10.396 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 179908
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.6

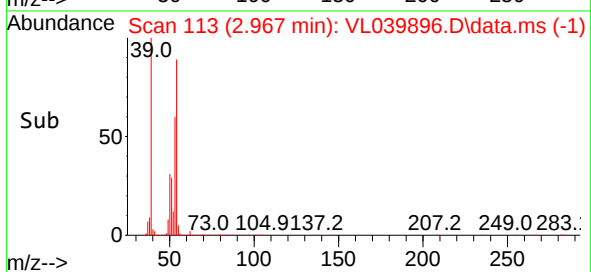
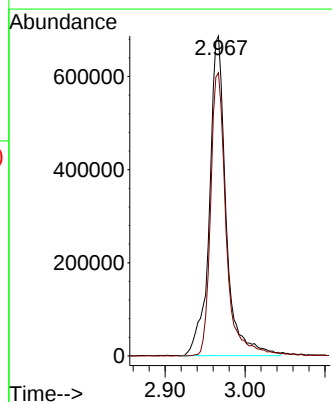
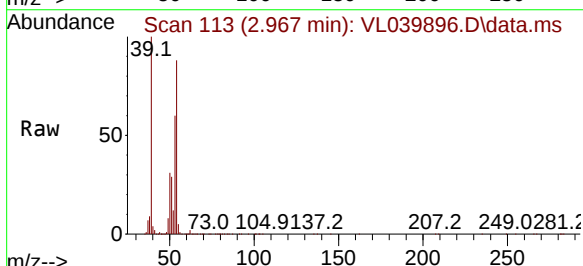
Manual Integrations
APPROVED

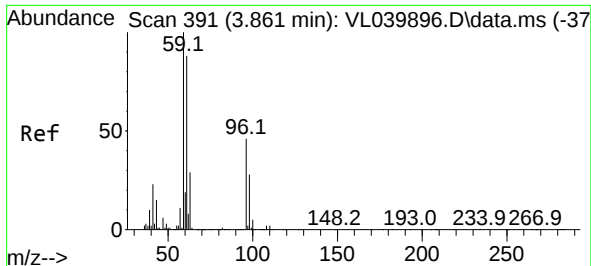
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
1,3-Butadiene
Concen: 12.403 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.006 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 39 Resp: 998256
Ion Ratio Lower Upper
39 100
54 83.2 66.8 100.2





#17

tert-Butyl alcohol

Concen: 13.559 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.006 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 223463

Ion Ratio Lower Upper

59 100

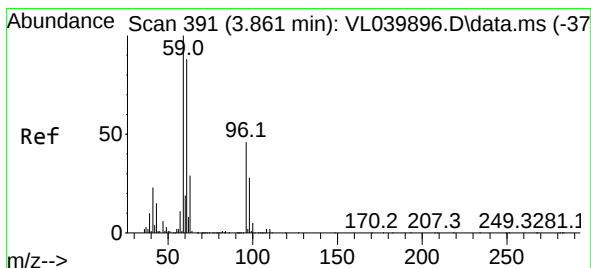
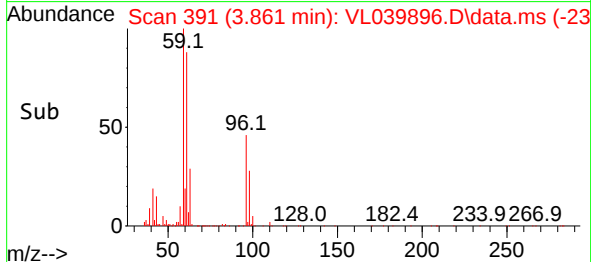
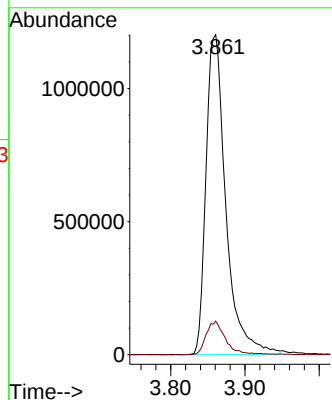
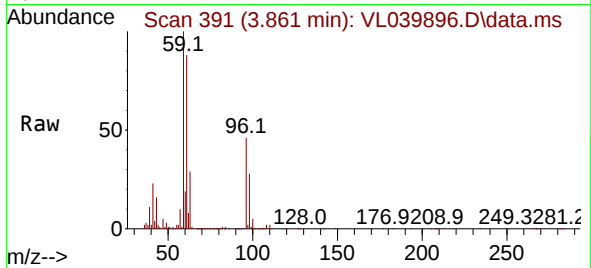
57 10.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#18

1,1-Dichloroethene

Concen: 13.027 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.010 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

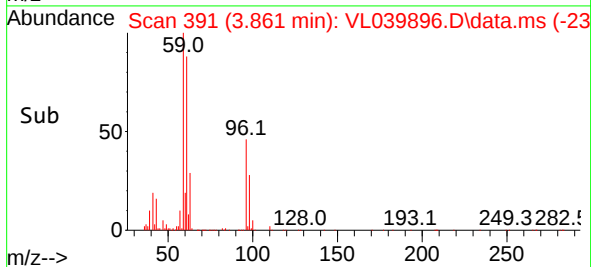
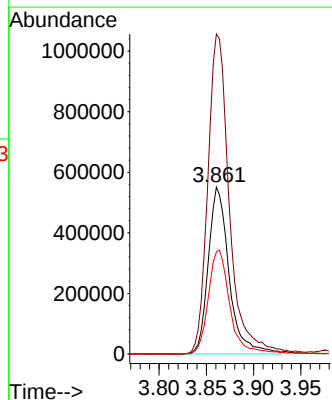
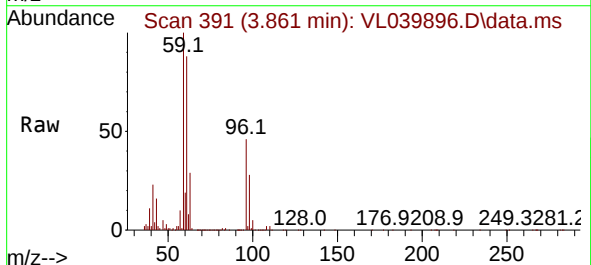
Tgt Ion: 96 Resp: 844527

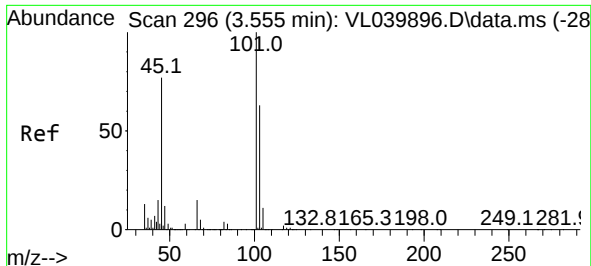
Ion Ratio Lower Upper

96 100

61 191.8 154.2 231.4

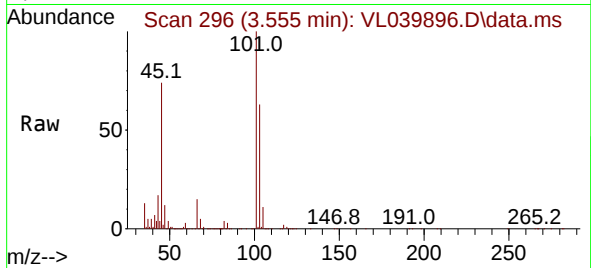
98 61.1 51.4 77.0





#19
Isopropyl Alcohol
Concen: 12.479 ppbv
RT: 3.555 min Scan# 296
Delta R.T. -0.010 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

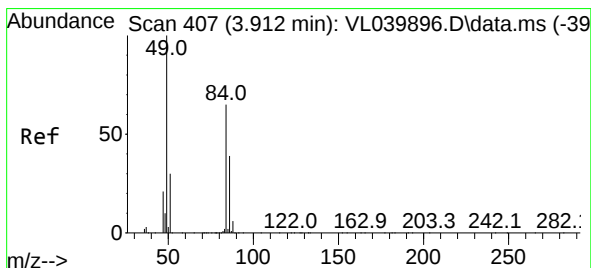
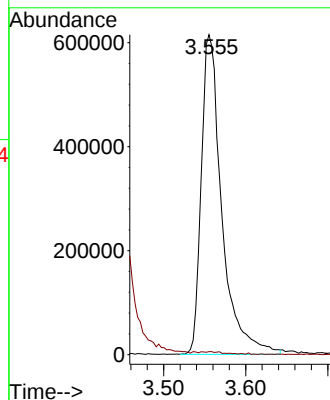
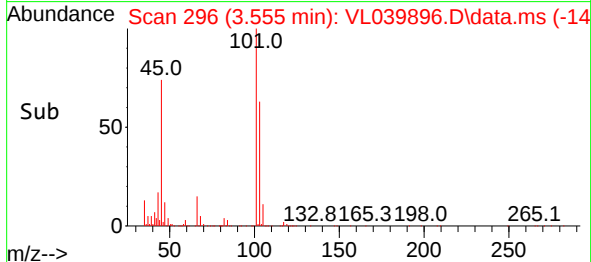
Instrument : MSVOA_L
Client Sample Id : VSTDICCC010



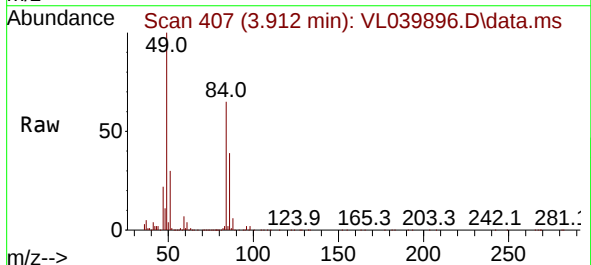
Tgt Ion: 45 Resp: 1068940
Ion Ratio Lower Upper
45 100
58 48.4 42.1 63.1

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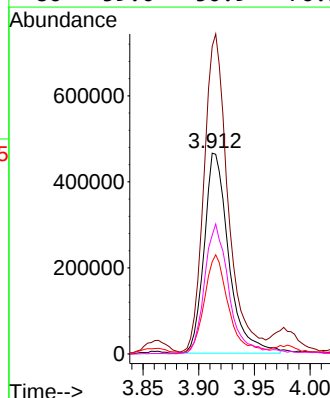
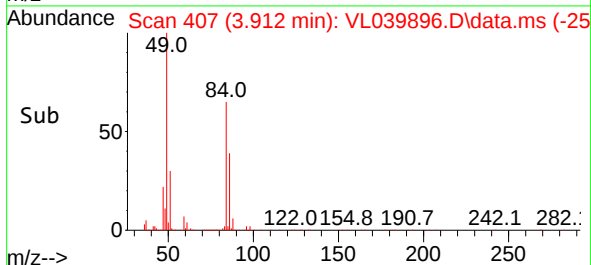
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

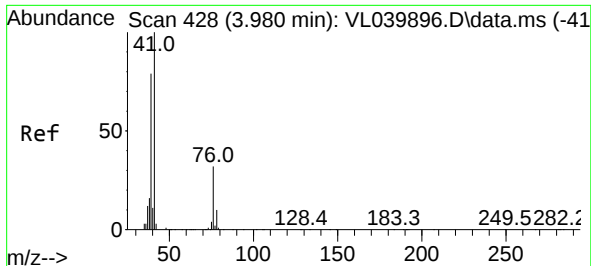


#20
Methylene Chloride
Concen: 11.553 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



Tgt Ion: 84 Resp: 715295
Ion Ratio Lower Upper
84 100
49 152.8 118.4 177.6
51 45.4 37.0 55.6
86 59.0 50.9 76.3





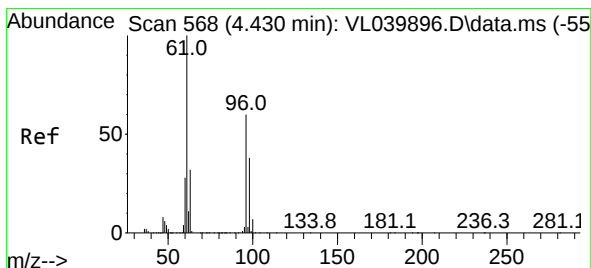
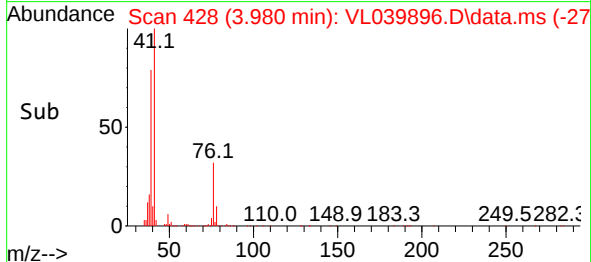
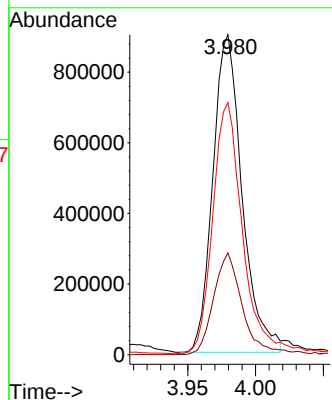
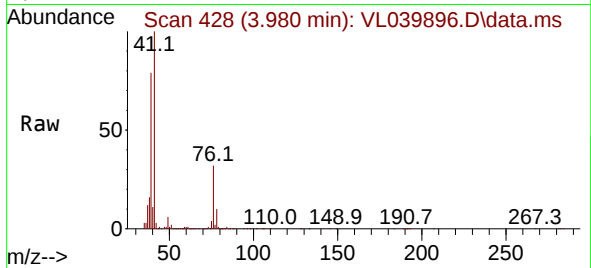
#21
 Allyl Chloride
 Concen: 12.330 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 134965
 Ion Ratio Lower Upper
 41 100
 76 32.0 26.6 40.0
 39 81.5 63.3 94.9

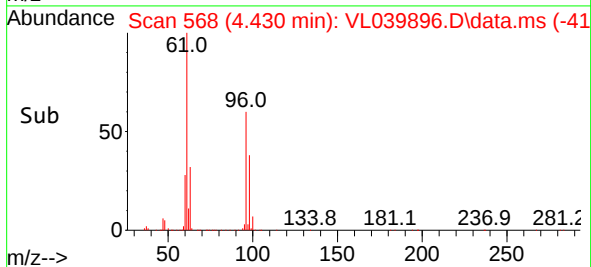
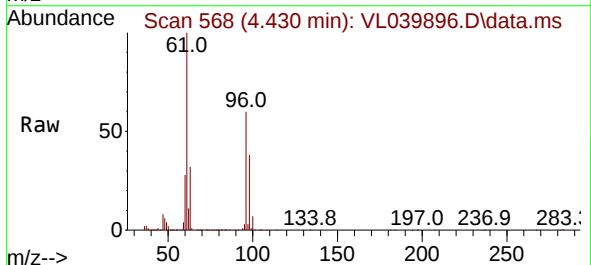
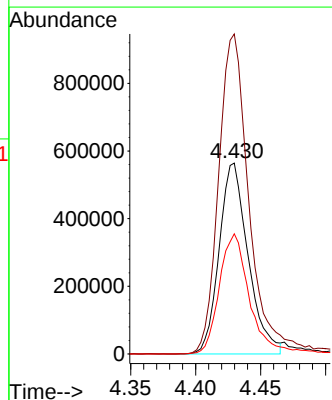
Manual Integrations
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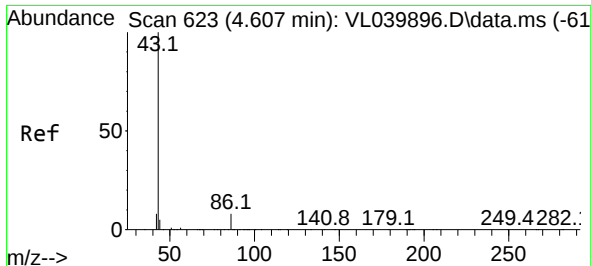
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 13.292 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.010 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Tgt Ion: 96 Resp: 874578
 Ion Ratio Lower Upper
 96 100
 61 167.6 131.8 197.6
 98 63.0 51.7 77.5





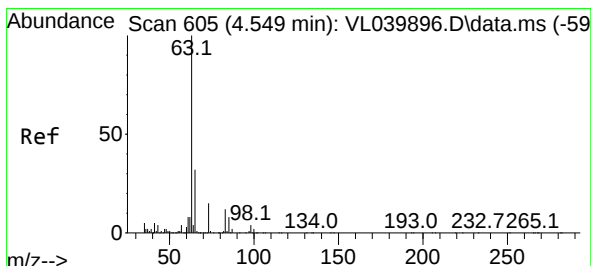
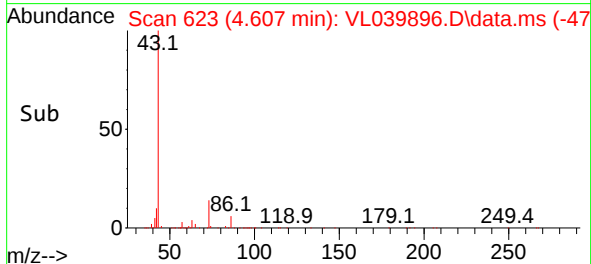
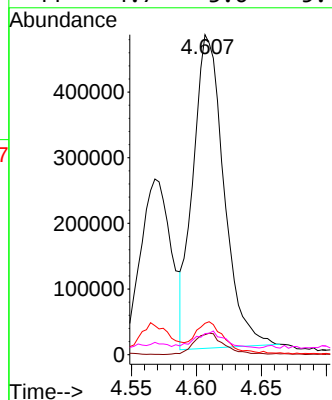
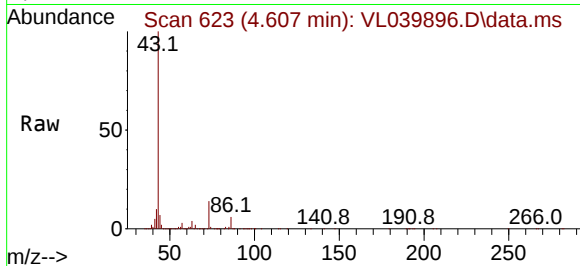
#23
 Vinyl Acetate
 Concen: 11.434 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 788294
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.0 7.4
 42 9.5 6.7 10.1
 44 4.7 3.6 5.4

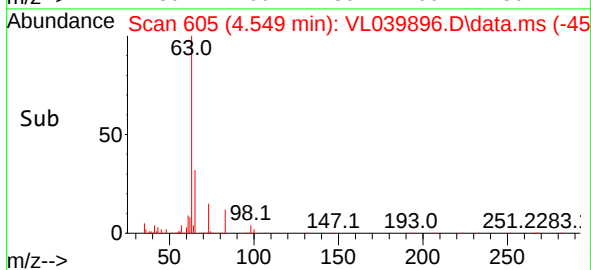
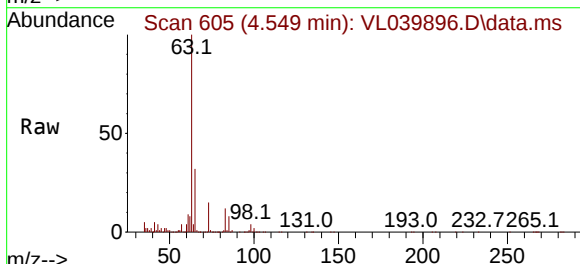
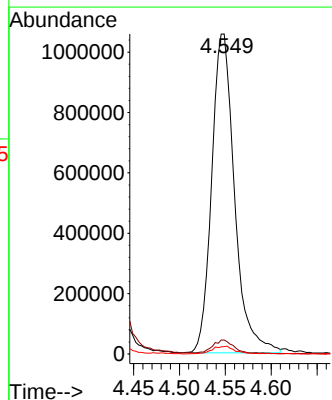
Manual Integrations
 APPROVED

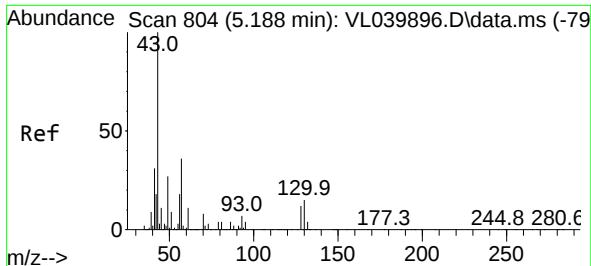
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 13.027 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.010 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

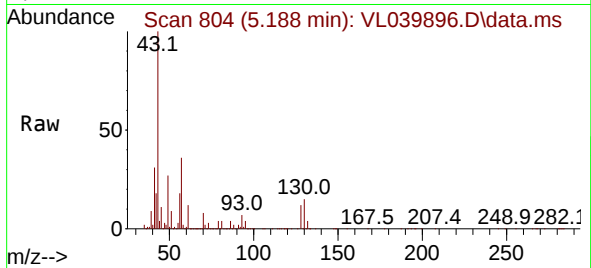
Tgt Ion: 63 Resp: 1834587
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.3
 100 2.3 1.3 3.8





#25
Ethyl Acetate
Concen: 9.662 ppbv
RT: 5.188 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

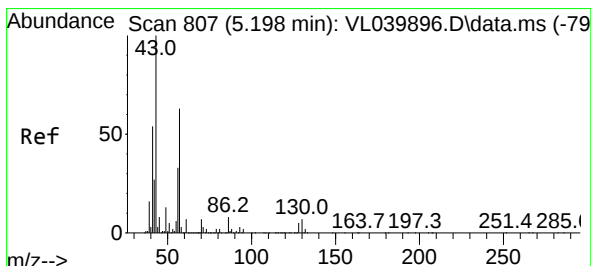
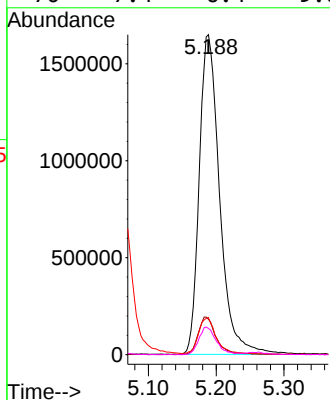
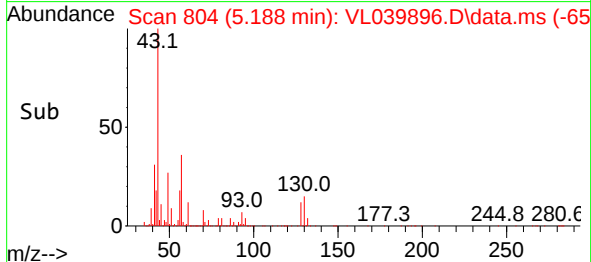
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



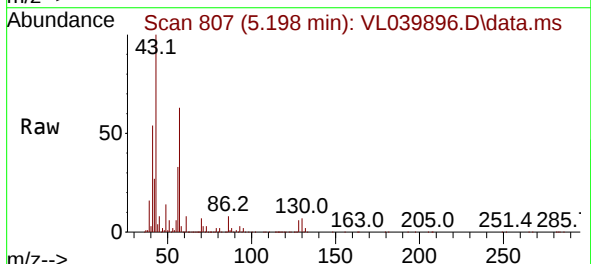
Tgt Ion: 43 Resp: 3444184
Ion Ratio Lower Upper
43 100
45 10.5 8.9 13.3
61 10.6 8.9 13.3
70 7.4 6.4 9.6

Manual Integrations
APPROVED

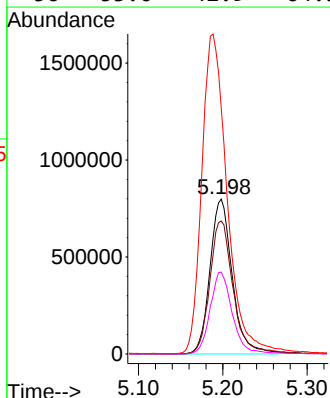
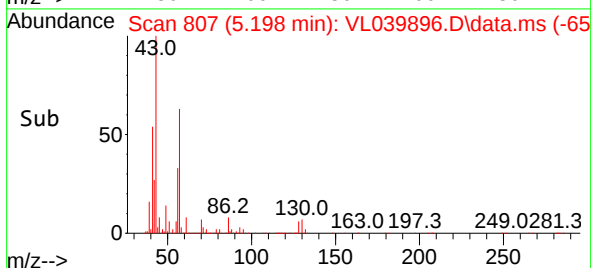
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

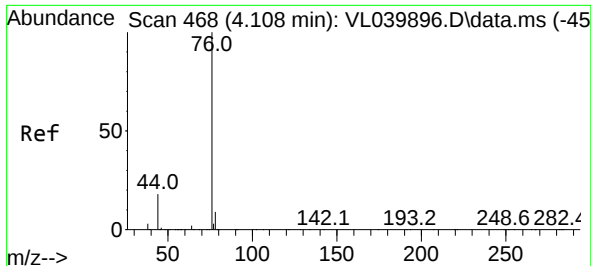


#26
Hexane
Concen: 9.227 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



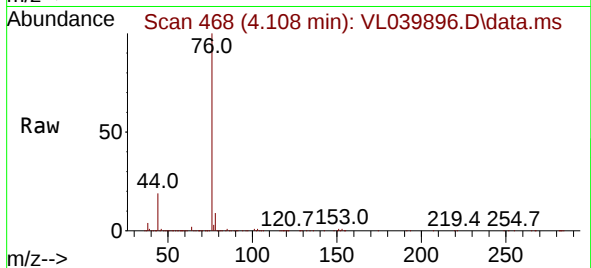
Tgt Ion: 57 Resp: 1466610
Ion Ratio Lower Upper
57 100
41 90.4 71.5 107.3
43 235.9 183.0 274.6
56 53.0 42.9 64.3





#27
Carbon Disulfide
Concen: 13.027 ppbv
RT: 4.108 min Scan# 408
Delta R.T. -0.006 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

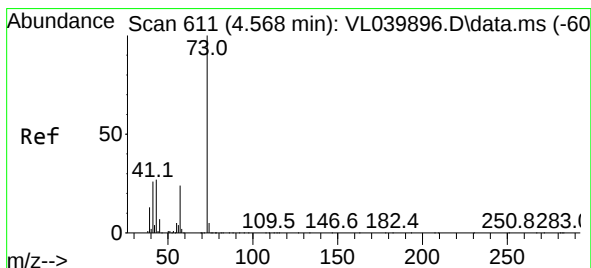
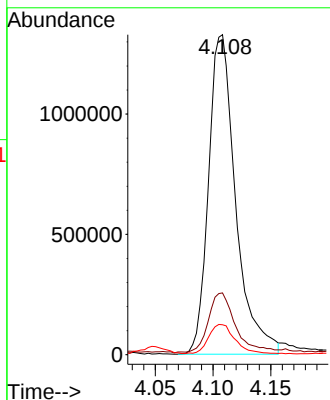
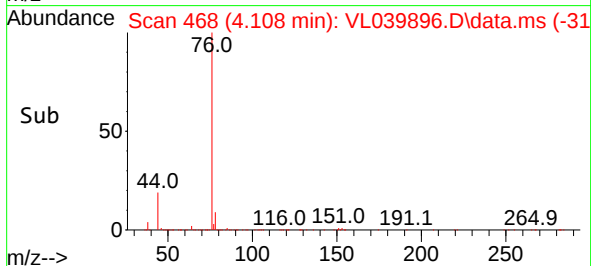
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



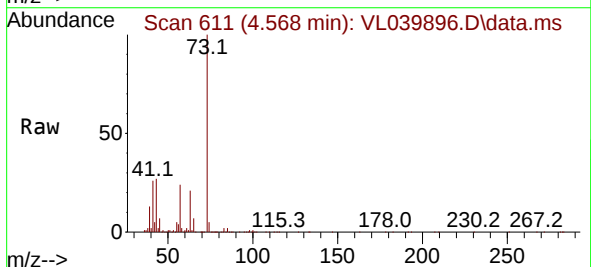
Tgt Ion: 76 Resp: 2174259
Ion Ratio Lower Upper
76 100
44 18.4 14.3 21.5
78 9.8 7.6 11.4

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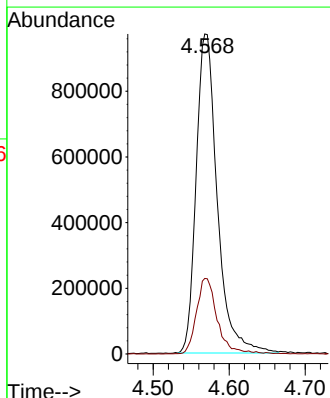
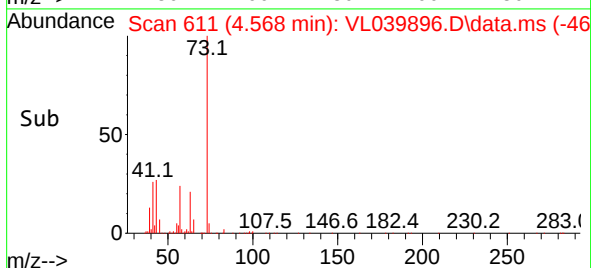
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

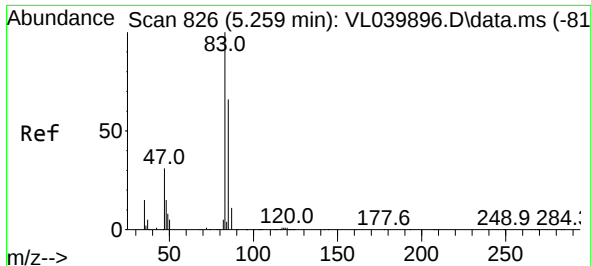


#28
Methyl tert-Butyl Ether
Concen: 13.018 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



Tgt Ion: 73 Resp: 1872818
Ion Ratio Lower Upper
73 100
57 23.6 19.5 29.3





#29

Chloroform

Concen: 9.495 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 212210

Ion Ratio Lower Upper

83 100

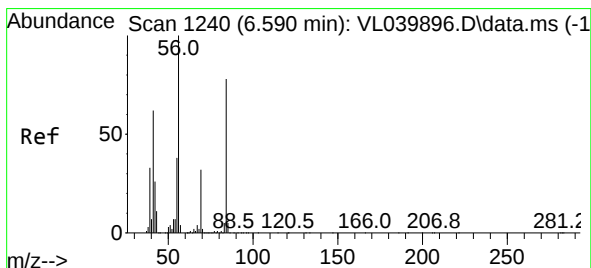
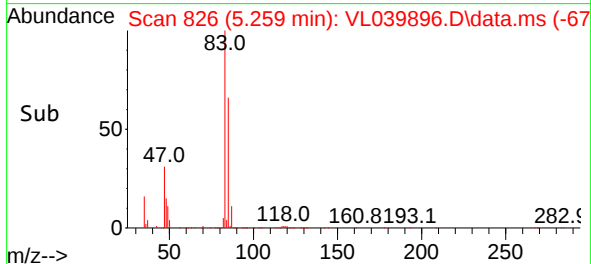
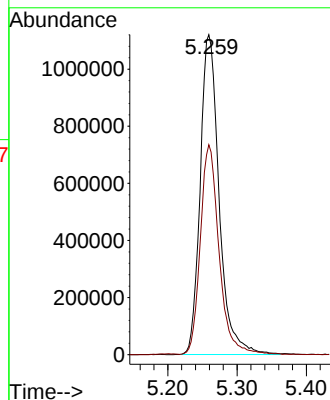
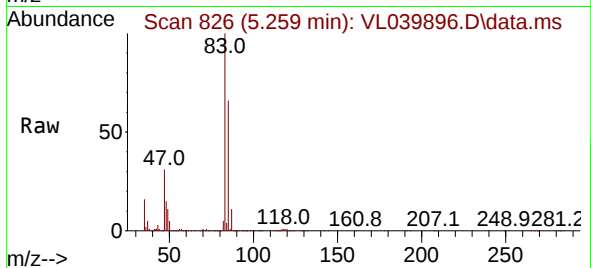
85 65.5 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#30

Cyclohexane

Concen: 10.798 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

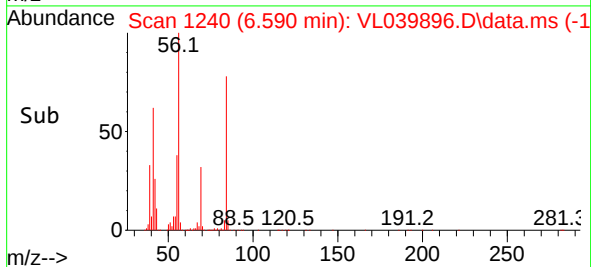
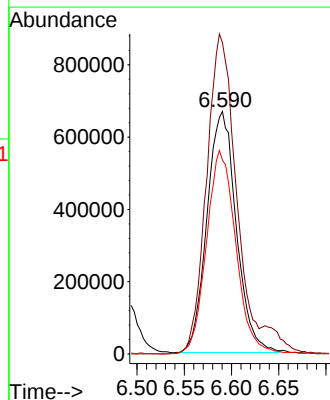
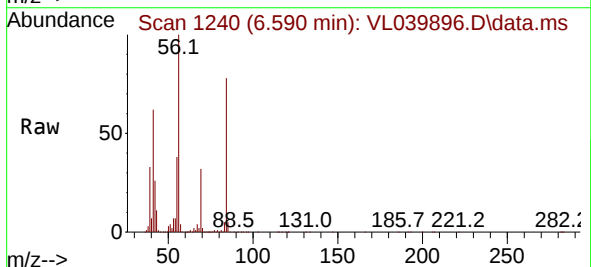
Tgt Ion: 84 Resp: 1435216

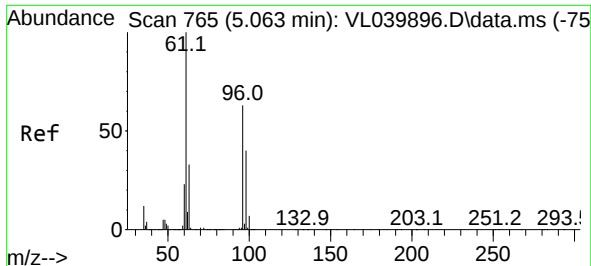
Ion Ratio Lower Upper

84 100

56 140.6 110.9 166.3

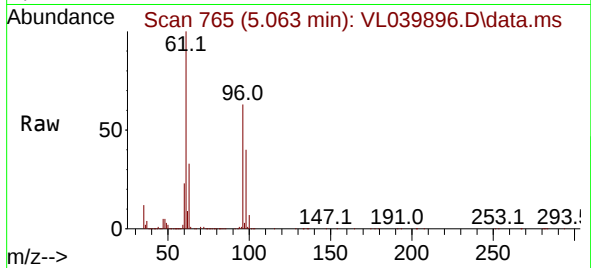
41 84.8 66.2 99.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.031 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. -0.010 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

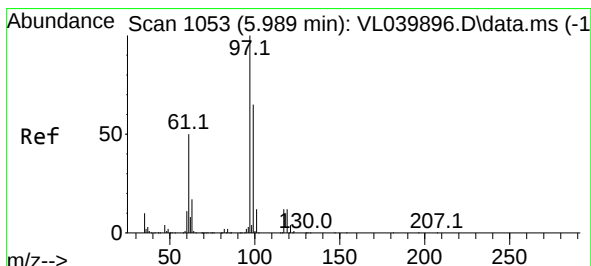
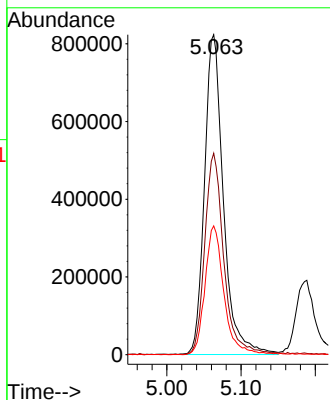
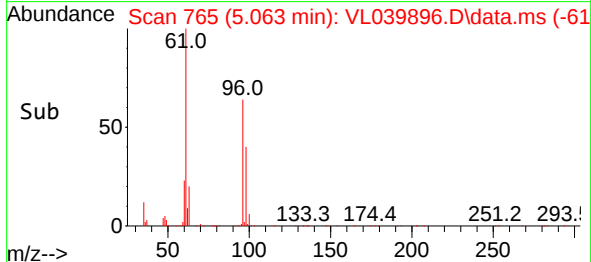
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



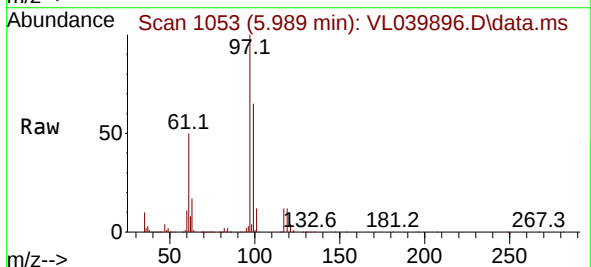
Tgt Ion: 61 Resp: 1453834
 Ion Ratio Lower Upper
 61 100
 96 62.9 52.3 78.5
 98 40.2 32.2 48.2

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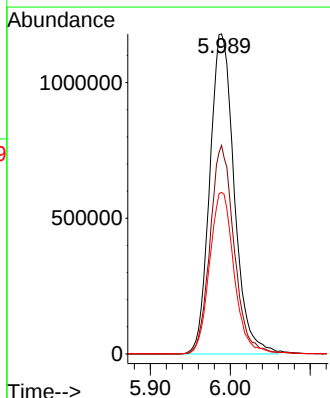
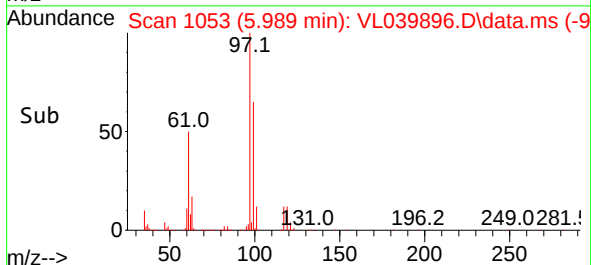
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

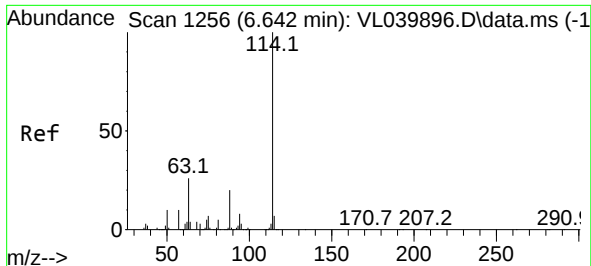


#32
 1,1,1-Trichloroethane
 Concen: 11.252 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.010 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46



Tgt Ion: 97 Resp: 2503369
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.2 78.2
 61 50.9 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 4093540

Ion Ratio Lower Upper

114 100

63 26.7 21.3 31.9

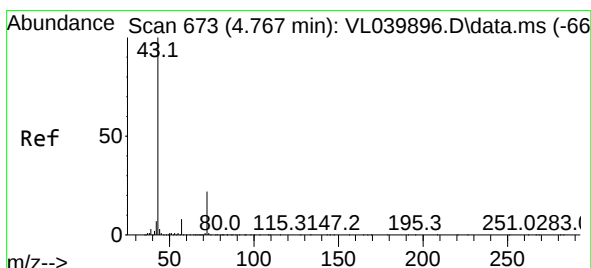
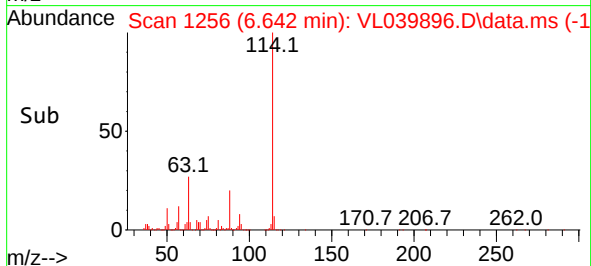
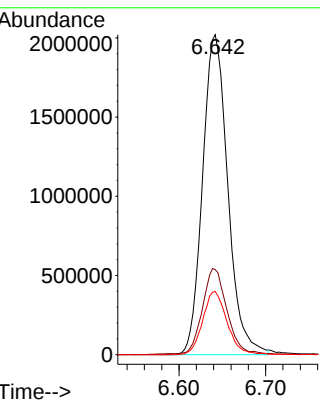
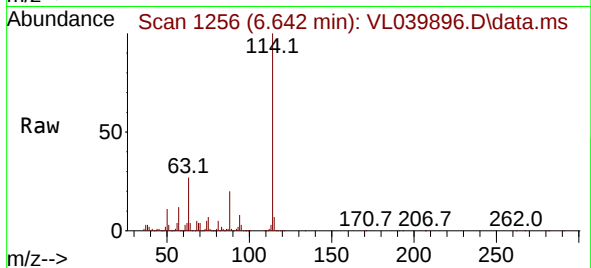
88 19.1 15.5 23.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#34

2-Butanone

Concen: 12.441 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.013 min

Lab File: VL039896.D

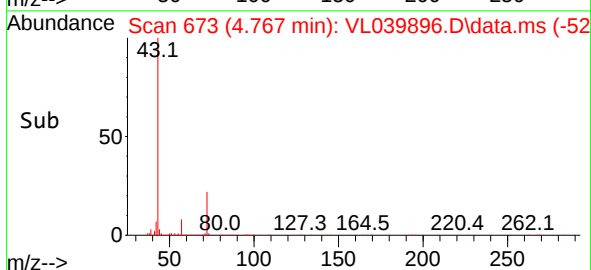
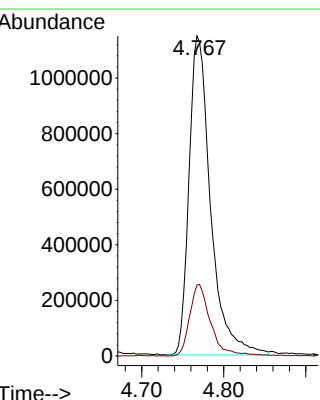
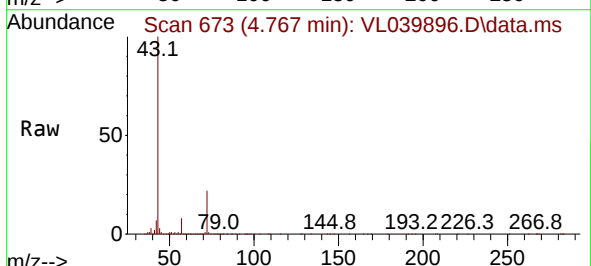
Acq: 18 Nov 2022 8:46

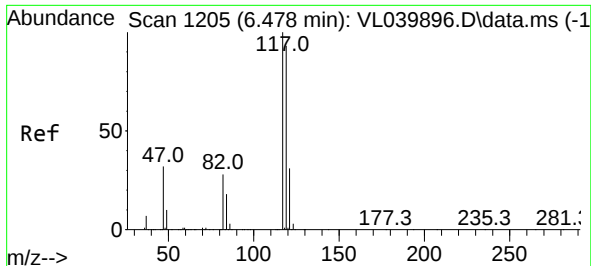
Tgt Ion: 43 Resp: 2101018

Ion Ratio Lower Upper

43 100

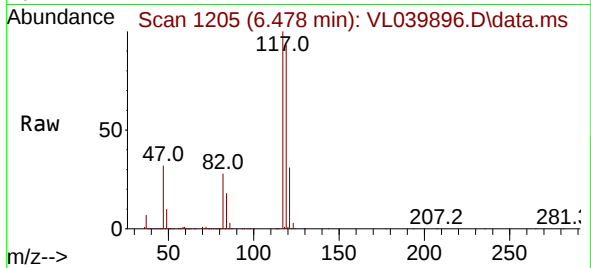
72 21.8 17.6 26.4





#35
Carbon Tetrachloride
Concen: 10.685 ppbv
RT: 6.478 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

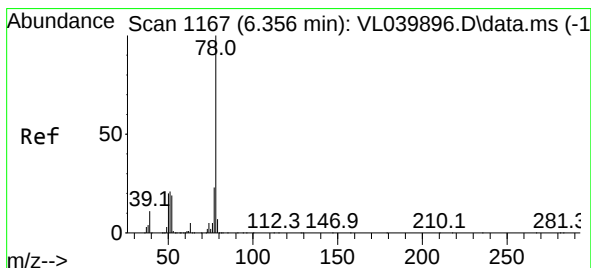
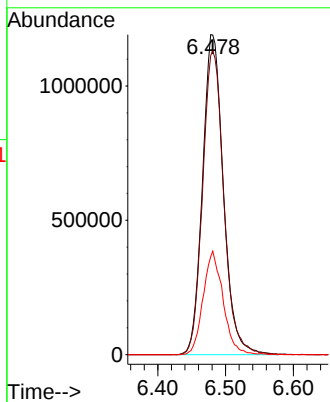
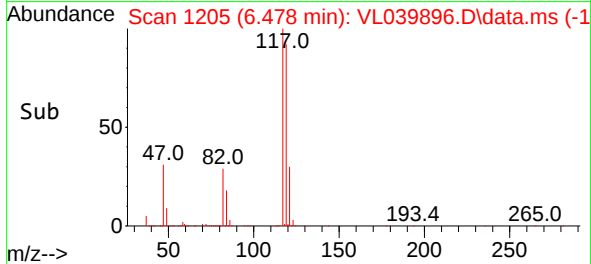
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 2549624
Ion Ratio Lower Upper
117 100
119 93.4 77.6 116.4
121 30.6 25.5 38.3

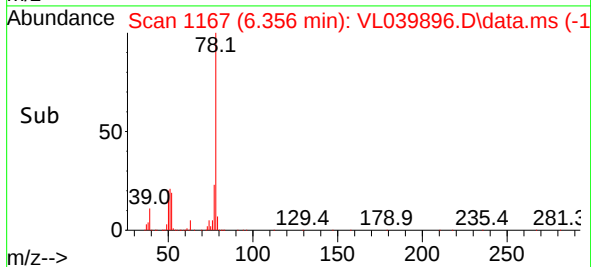
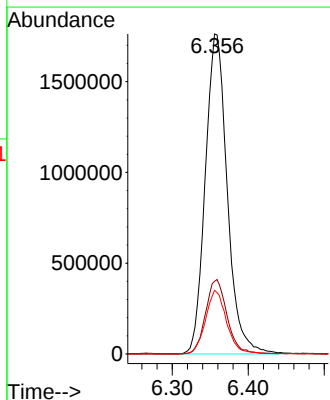
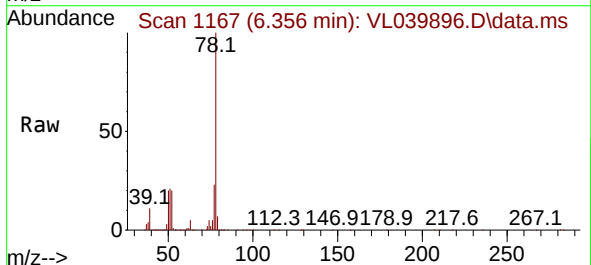
Manual Integrations
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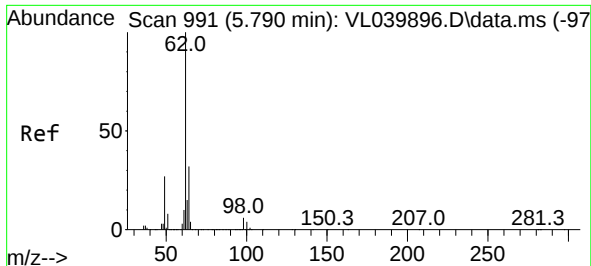
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#36
Benzene
Concen: 10.243 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 78 Resp: 3536918
Ion Ratio Lower Upper
78 100
77 22.7 19.7 29.5
50 19.8 16.2 24.4





#37

1,2-Dichloroethane

Concen: 11.680 ppbv

RT: 5.790 min Scan# 991

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 62 Resp: 193510

Ion Ratio Lower Upper

62 100

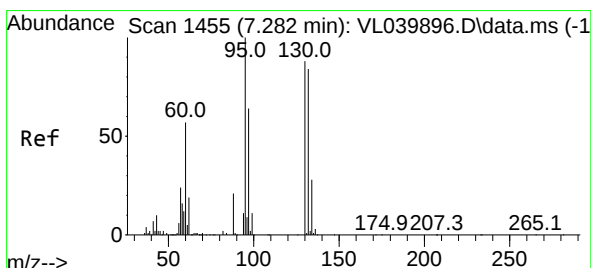
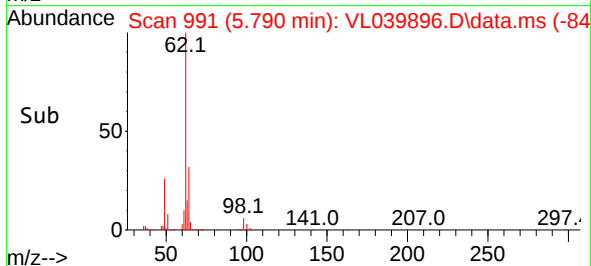
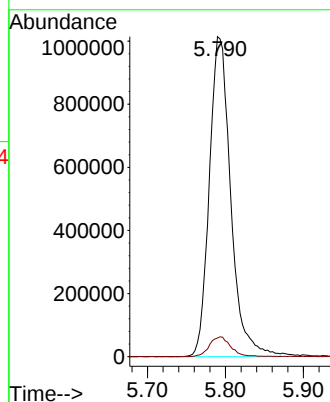
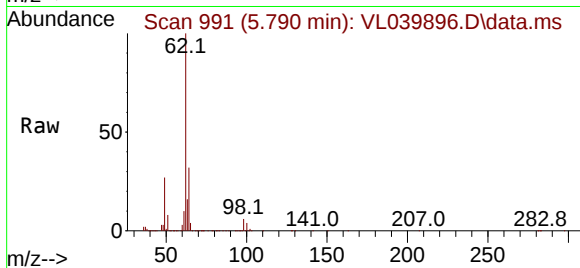
98 6.3 5.2 7.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#38

Trichloroethene

Concen: 10.481 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.010 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Tgt Ion:130 Resp: 1937142

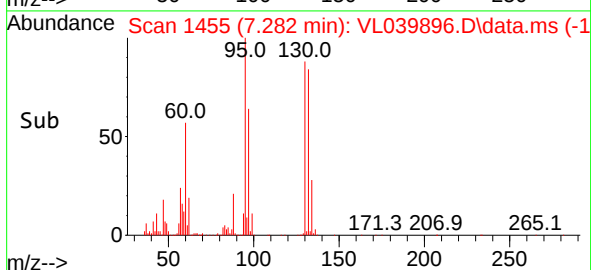
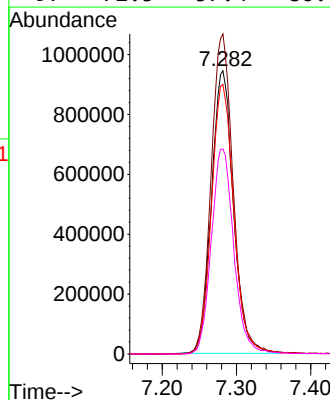
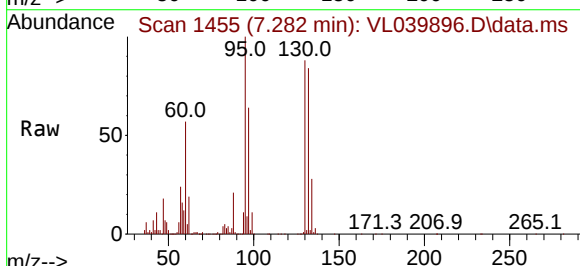
Ion Ratio Lower Upper

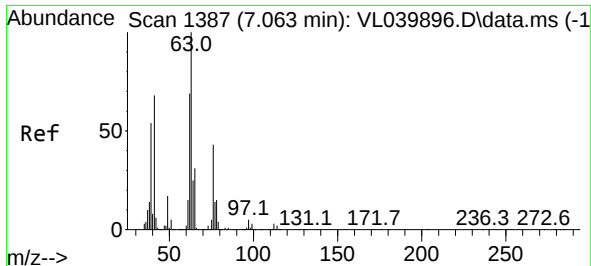
130 100

95 113.2 87.5 131.3

132 95.3 78.4 117.6

97 72.5 57.4 86.0





#39

1,2-Dichloropropane

Concen: 10.363 ppbv

RT: 7.063 min Scan# 1387

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 1394274

Ion Ratio Lower Upper

63 100

41 68.4 52.0 78.0

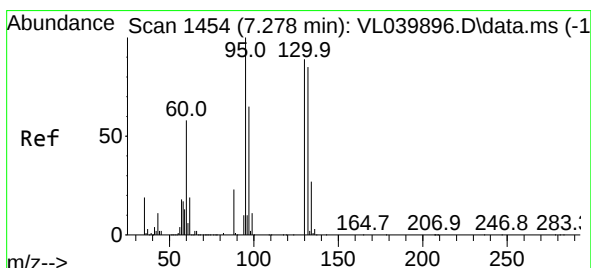
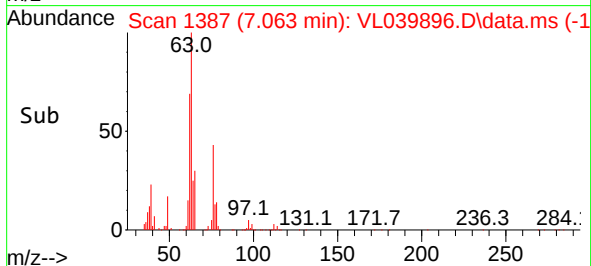
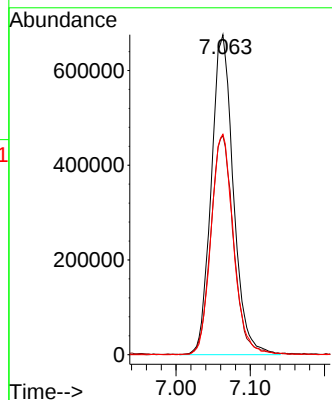
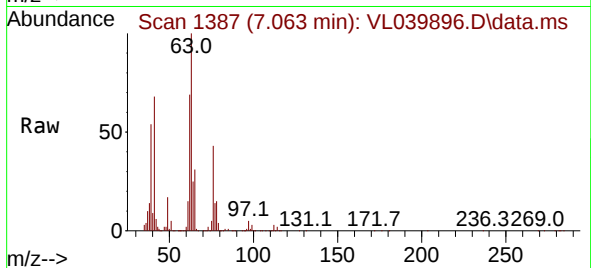
62 68.8 55.8 83.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#40

1,4-Dioxane

Concen: 10.505 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Tgt Ion: 88 Resp: 541189

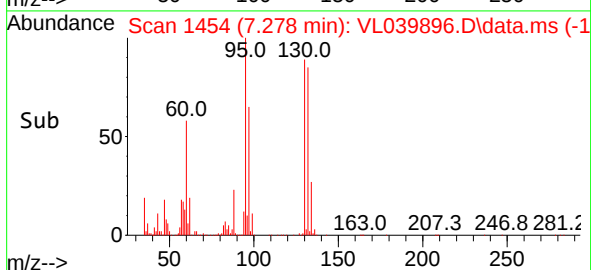
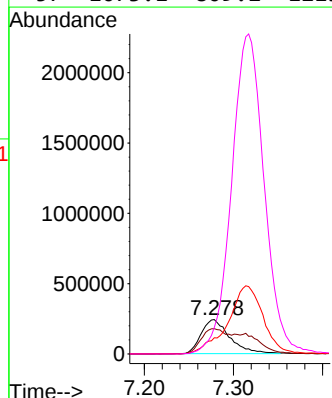
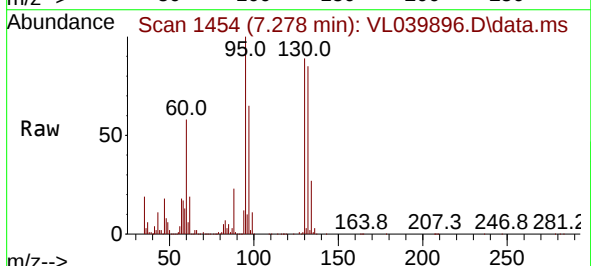
Ion Ratio Lower Upper

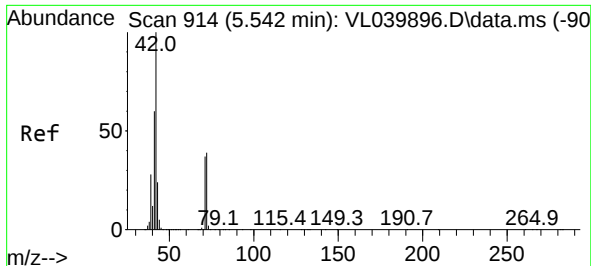
88 100

58 125.6 99.3 148.9

43 244.8 192.1 288.1

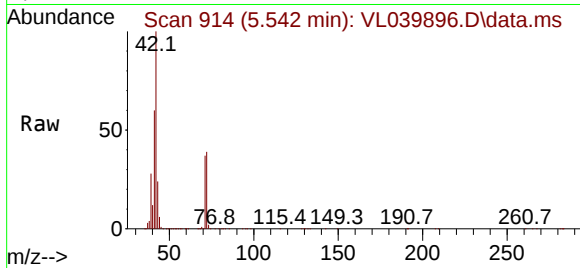
57 1073.1 809.2 1213.8





#41
Tetrahydrofuran
Concen: 10.392 ppbv
RT: 5.542 min Scan# 914
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

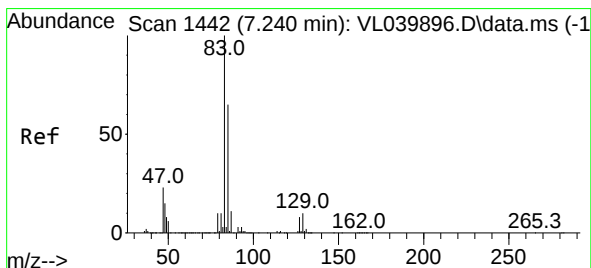
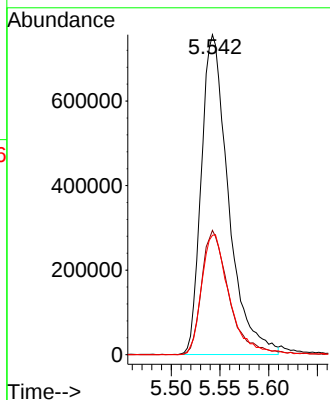
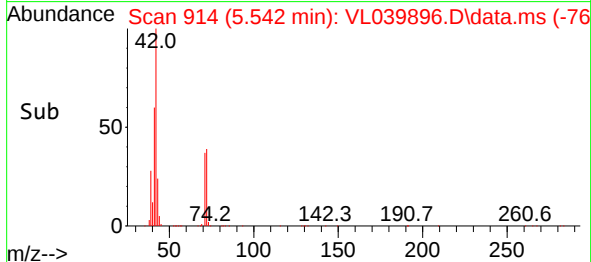
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



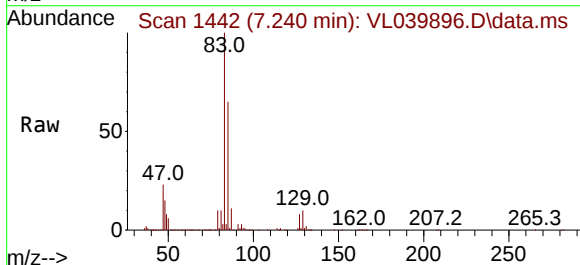
Tgt Ion: 42 Resp: 1466748
Ion Ratio Lower Upper
42 100
72 39.5 31.6 47.4
71 39.0 31.4 47.2

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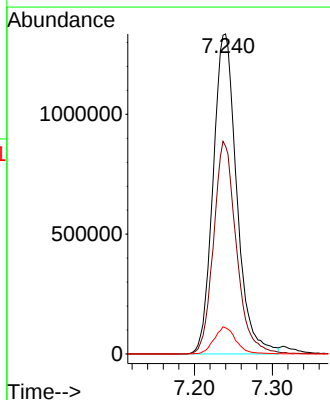
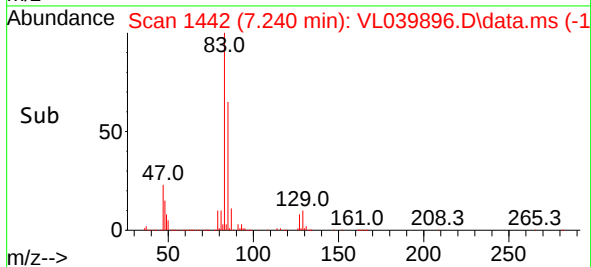
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

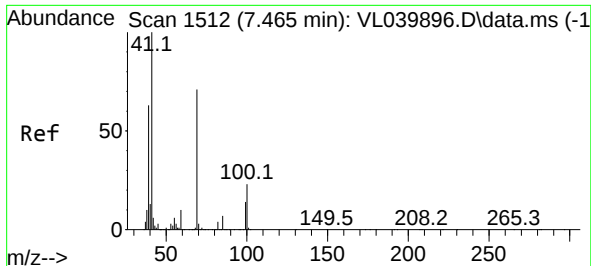


#42
Bromodichloromethane
Concen: 10.648 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



Tgt Ion: 83 Resp: 2817604
Ion Ratio Lower Upper
83 100
85 65.0 53.1 79.7
127 8.1 6.4 9.6





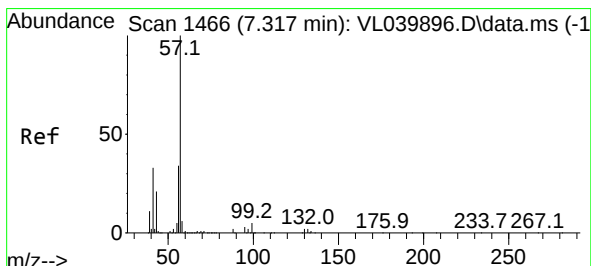
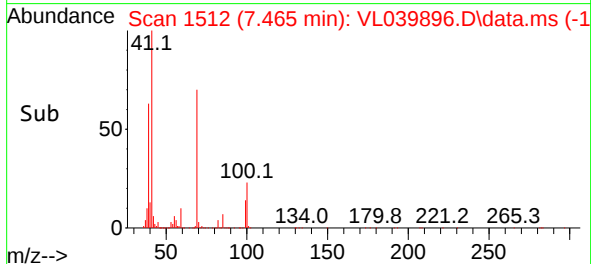
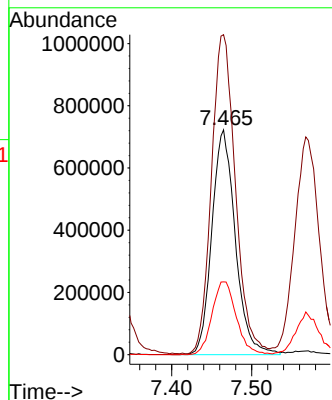
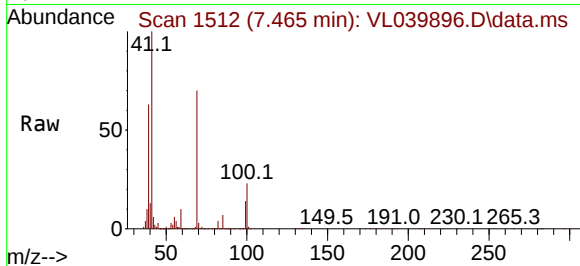
#43
Methyl Methacrylate
Concen: 10.790 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 1472562
Ion Ratio Lower Upper
69 100
41 145.5 115.4 173.0
100 33.5 27.0 40.6

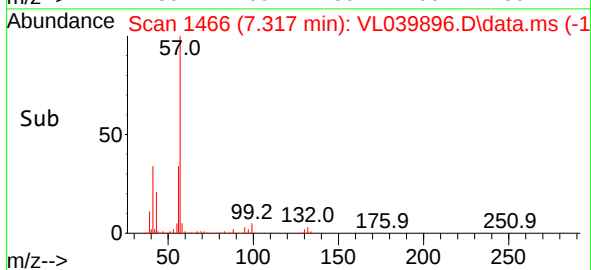
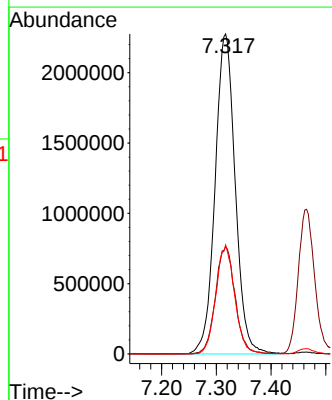
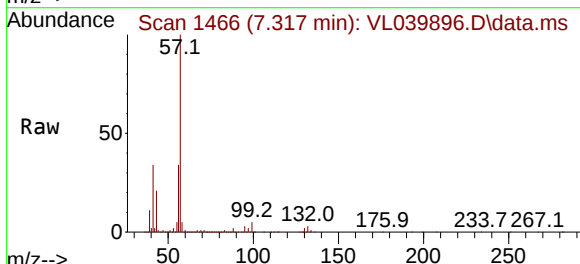
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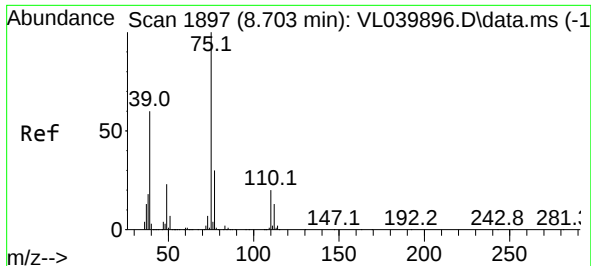
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#44
2,2,4-Trimethylpentane
Concen: 9.959 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.010 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 57 Resp: 5804618
Ion Ratio Lower Upper
57 100
41 32.7 26.4 39.6
56 31.9 26.6 39.8





#45

t-1,3-Dichloropropene

Concen: 11.696 ppbv

RT: 8.703 min Scan# 1897

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 152892

Ion Ratio Lower Upper

75 100

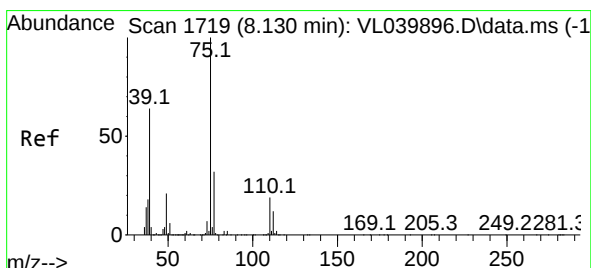
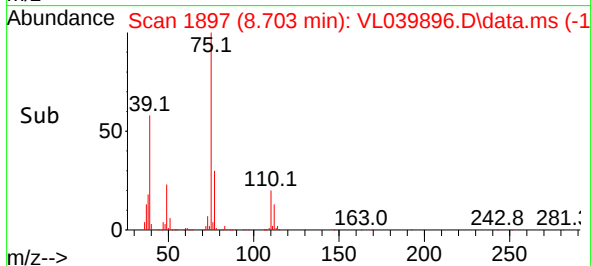
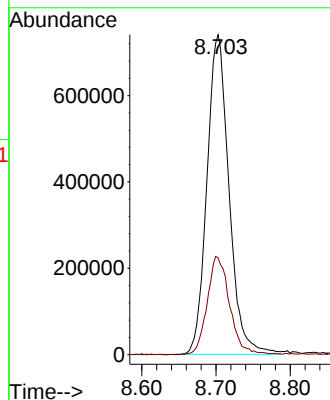
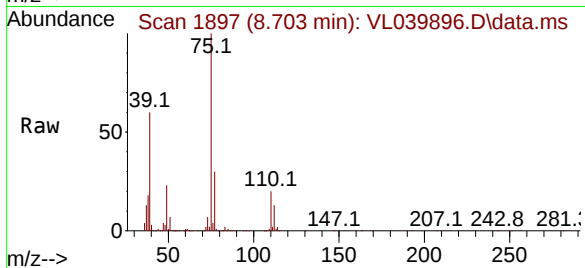
77 30.3 24.6 36.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#46

cis-1,3-Dichloropropene

Concen: 10.945 ppbv

RT: 8.130 min Scan# 1719

Delta R.T. -0.016 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

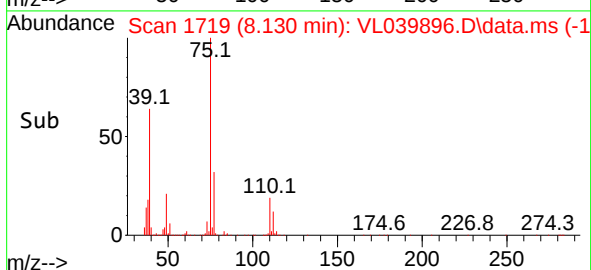
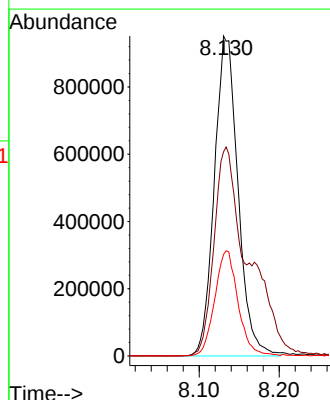
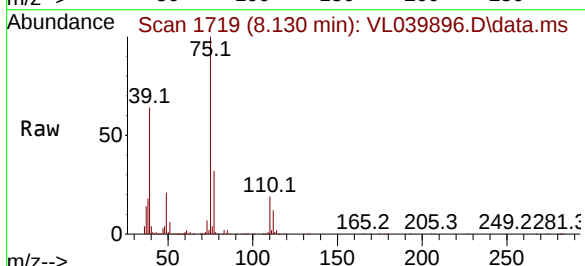
Tgt Ion: 75 Resp: 1952866

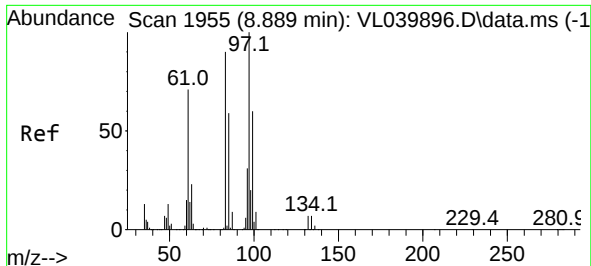
Ion Ratio Lower Upper

75 100

39 63.7 51.8 77.6

77 31.7 26.2 39.4





#47

1,1,2-Trichloroethane

Concen: 10.323 ppbv

RT: 8.889 min Scan# 1955

Delta R.T. -0.016 min

Lab File: VL039896.D

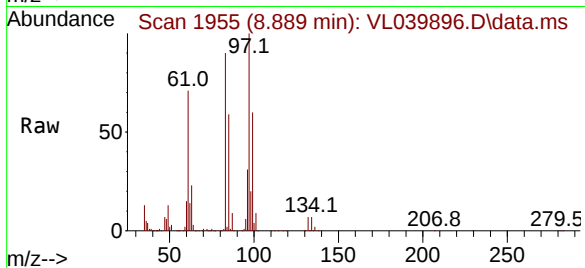
Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 97 Resp: 140635

Ion Ratio Lower Upper

97 100

83 90.1 73.2 109.8

85 59.0 46.6 69.8

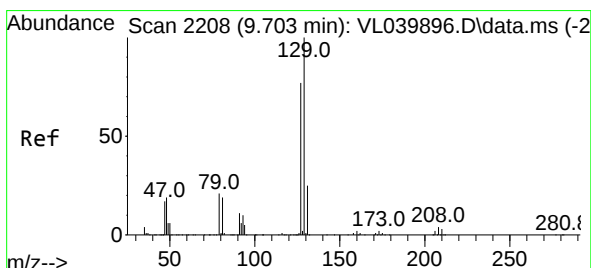
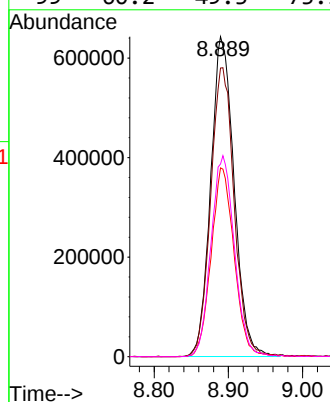
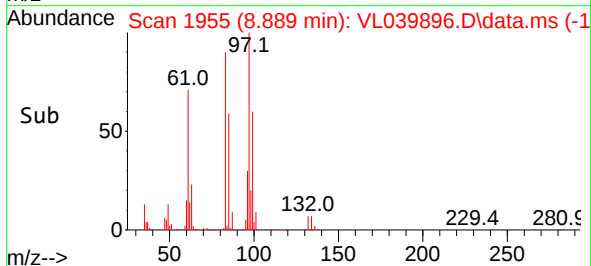
99 60.2 49.3 73.9

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Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#48

Dibromochloromethane

Concen: 10.166 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.013 min

Lab File: VL039896.D

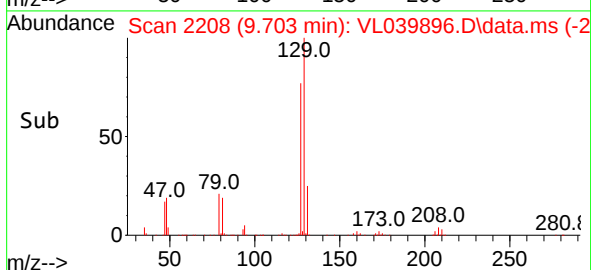
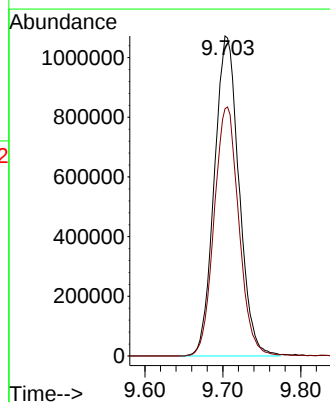
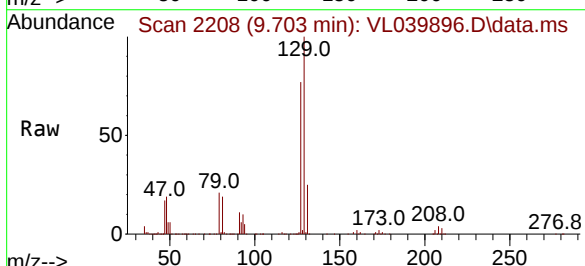
Acq: 18 Nov 2022 8:46

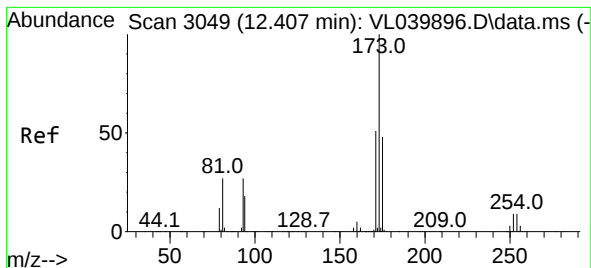
Tgt Ion:129 Resp: 2359863

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.5





#49

Bromoform

Concen: 10.952 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 204343

Ion Ratio Lower Upper

173 100

175 48.9 40.0 60.0

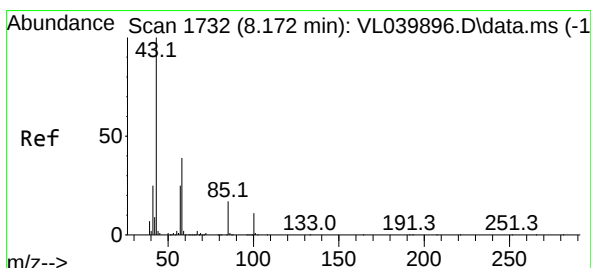
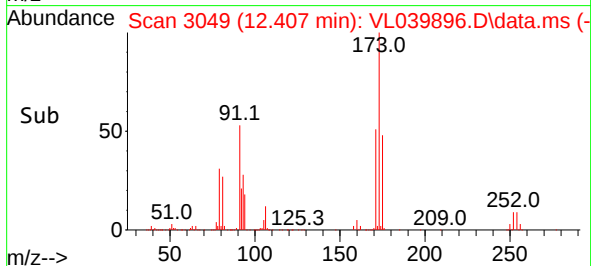
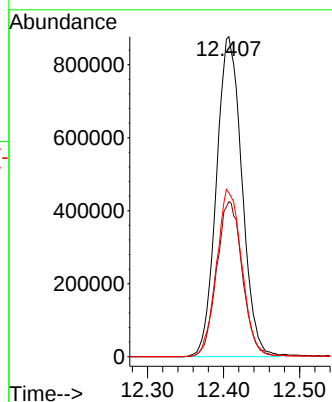
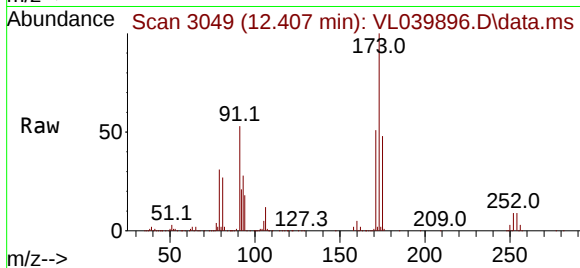
171 52.3 41.4 62.2

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Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#50

4-Methyl-2-Pentanone

Concen: 10.701 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. -0.013 min

Lab File: VL039896.D

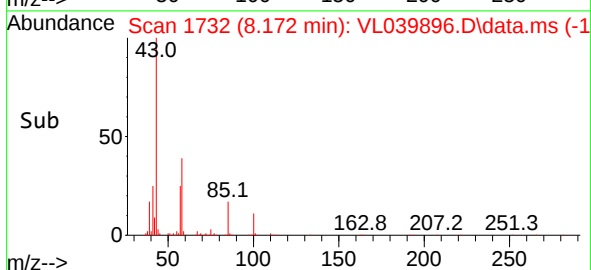
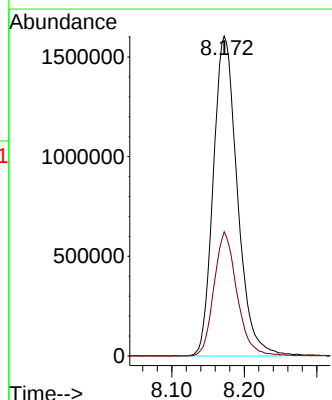
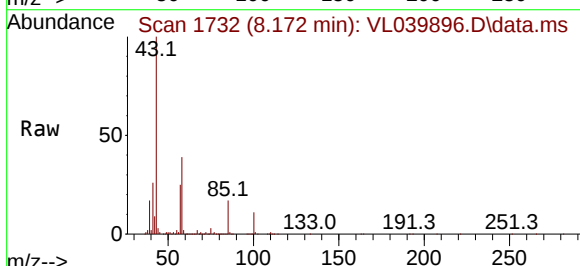
Acq: 18 Nov 2022 8:46

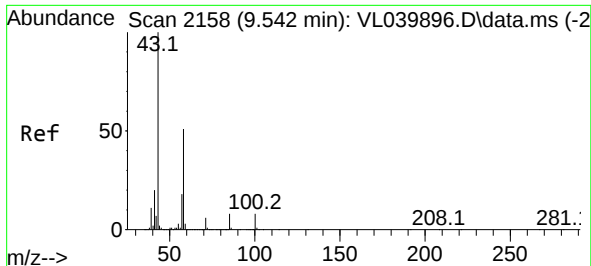
Tgt Ion: 43 Resp: 3699728

Ion Ratio Lower Upper

43 100

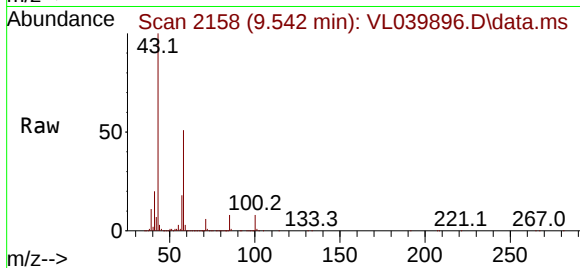
58 37.2 30.2 45.4





#51
2-Hexanone
Concen: 10.933 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

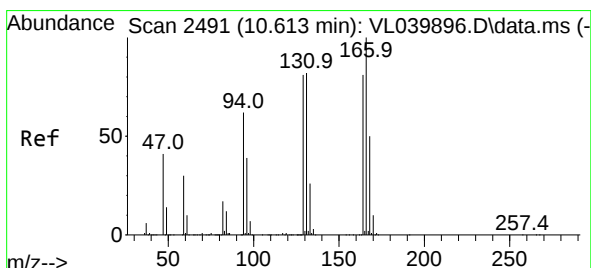
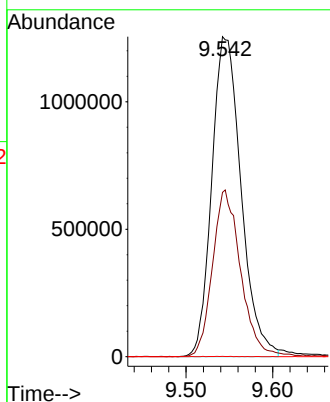
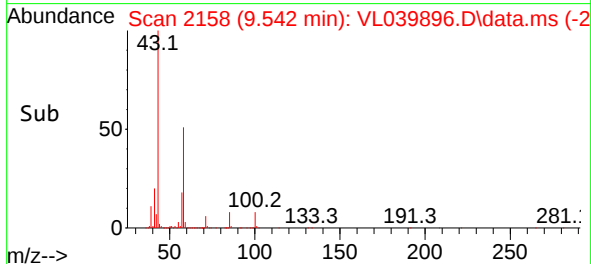
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion: 43 Resp: 294739
Ion Ratio Lower Upper
43 100
58 50.3 40.6 61.0
98 0.1 0.1 0.1

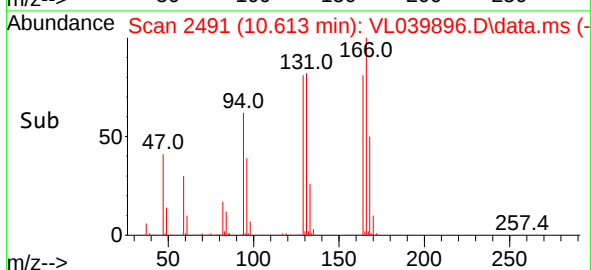
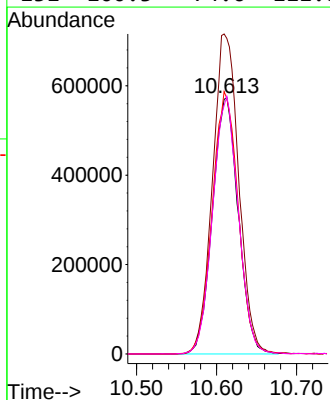
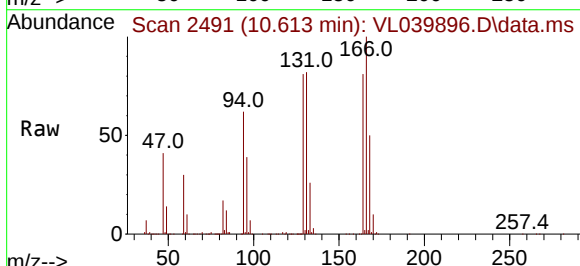
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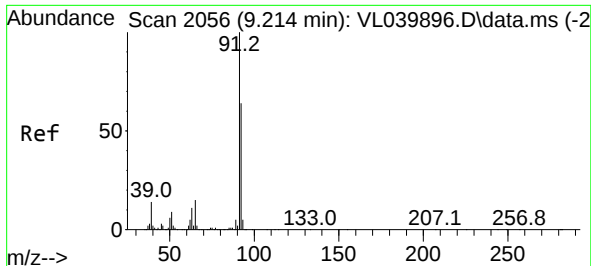
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#52
Tetrachloroethene
Concen: 9.894 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion:164 Resp: 1279940
Ion Ratio Lower Upper
164 100
166 122.9 102.6 154.0
129 99.6 77.3 115.9
131 100.3 74.6 111.8





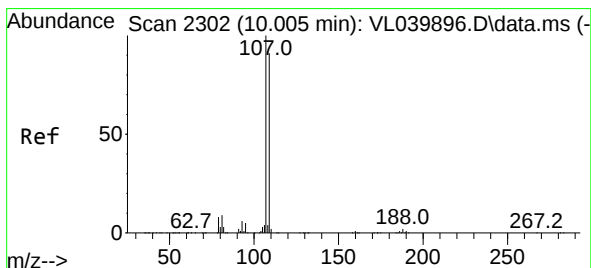
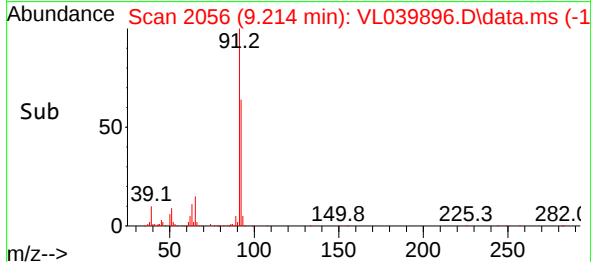
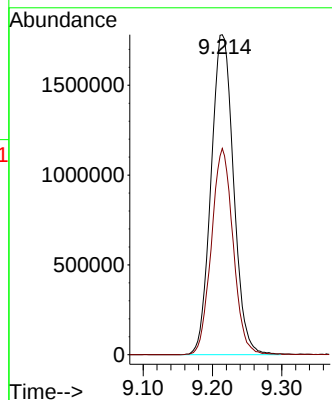
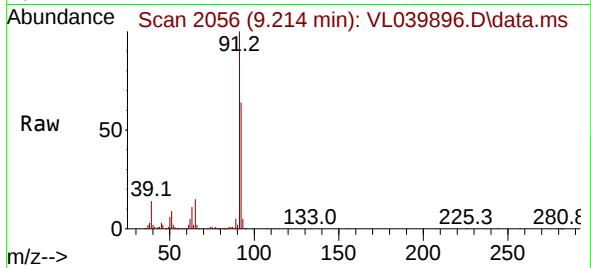
#53
Toluene
Concen: 10.157 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4023410
Ion Ratio Lower Upper
91 100
92 62.2 51.0 76.4

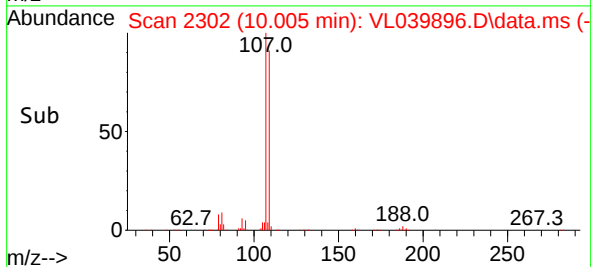
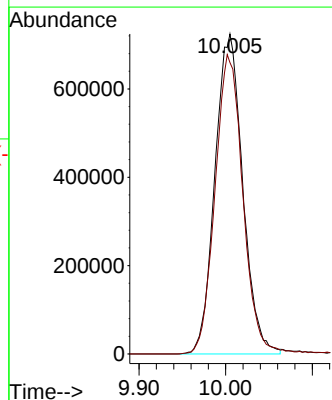
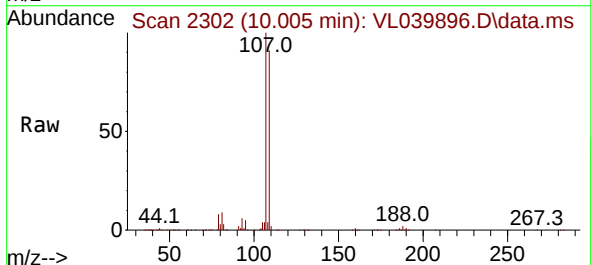
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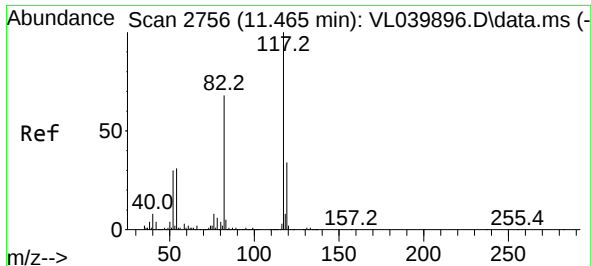
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#54
1,2-Dibromoethane
Concen: 10.670 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.010 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

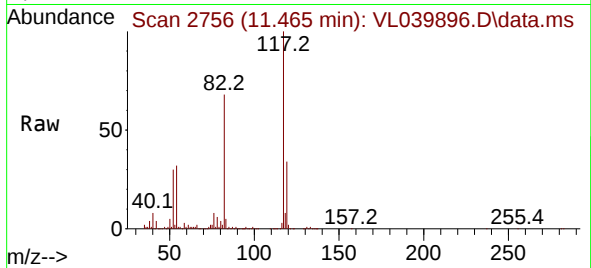
Tgt Ion:107 Resp: 1613276
Ion Ratio Lower Upper
107 100
109 91.0 73.9 110.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

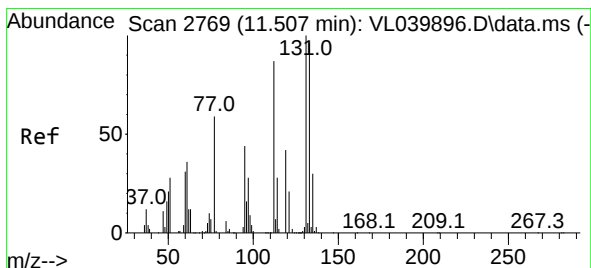
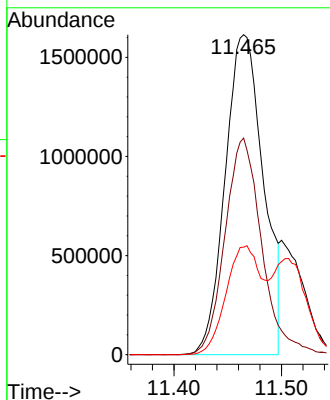
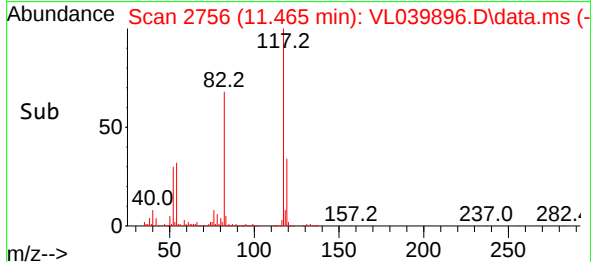
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



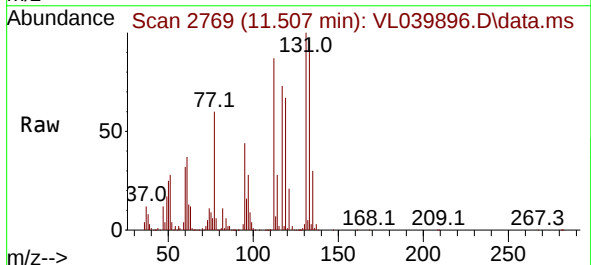
Tgt Ion:117 Resp: 398595
Ion Ratio Lower Upper
117 100
82 65.4 49.8 74.6
119 32.1 27.2 40.8

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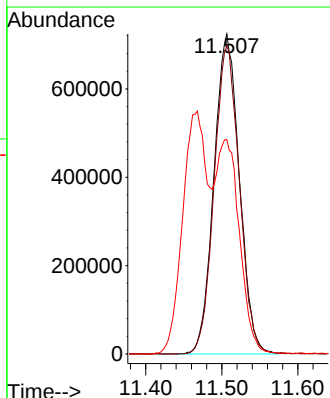
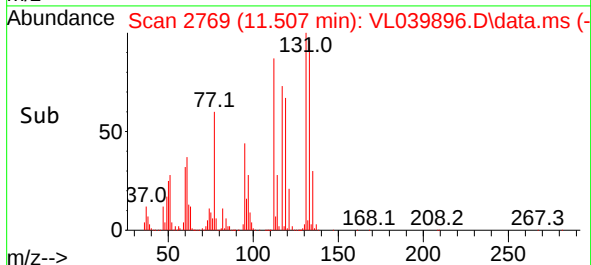
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

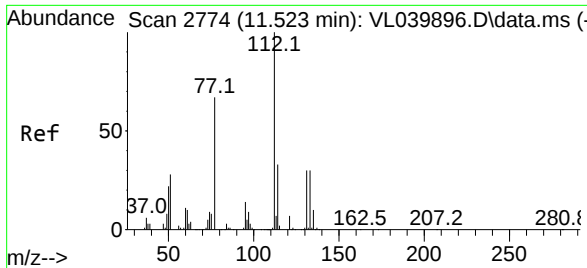


#56
1,1,1,2-Tetrachloroethane
Concen: 9.854 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



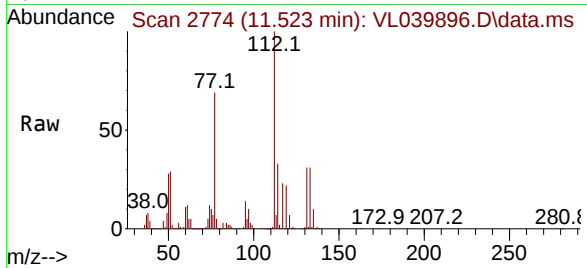
Tgt Ion:131 Resp: 1679215
Ion Ratio Lower Upper
131 100
133 95.9 77.0 115.4
119 58.2 46.9 70.3





#57
Chlorobenzene
Concen: 9.903 ppbv
RT: 11.523 min Scan# 2111
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

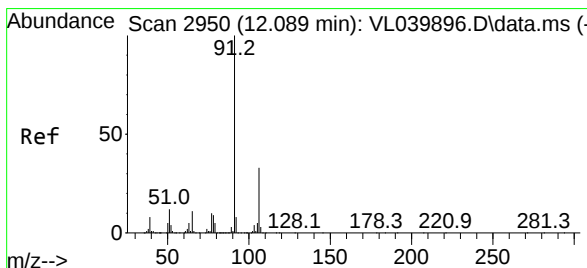
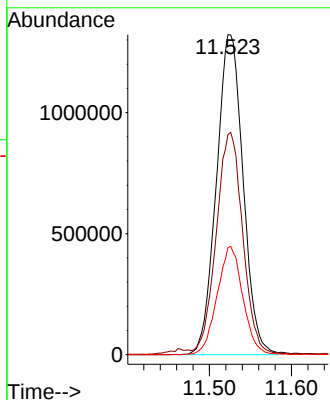
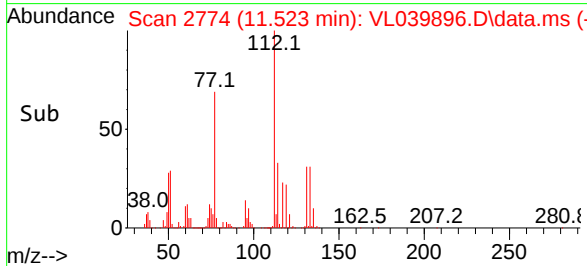
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 2994034
Ion Ratio Lower Upper
112 100
77 68.2 55.0 82.4
114 33.4 30.8 37.6

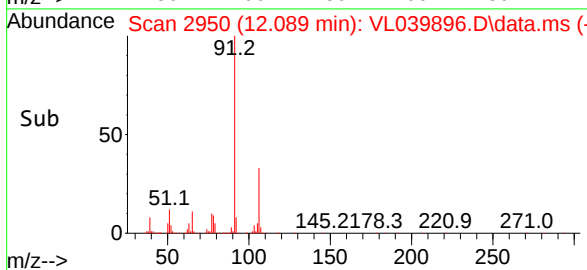
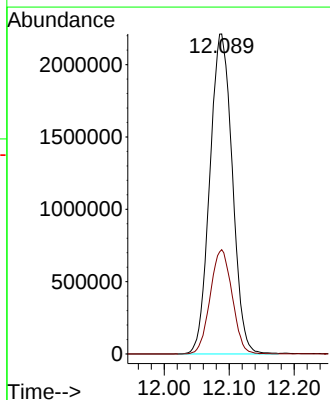
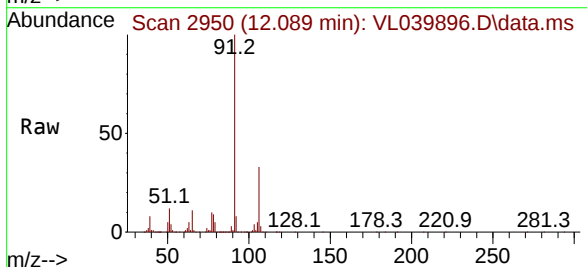
Manual Integrations
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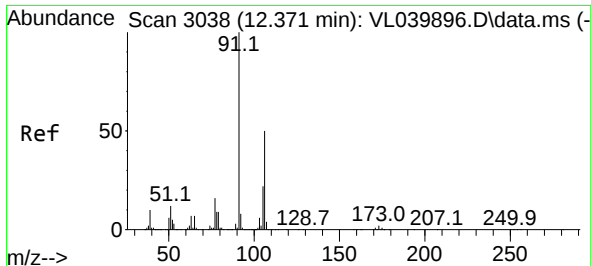
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#58
Ethyl Benzene
Concen: 9.843 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 91 Resp: 5304805
Ion Ratio Lower Upper
91 100
106 32.6 28.7 43.1





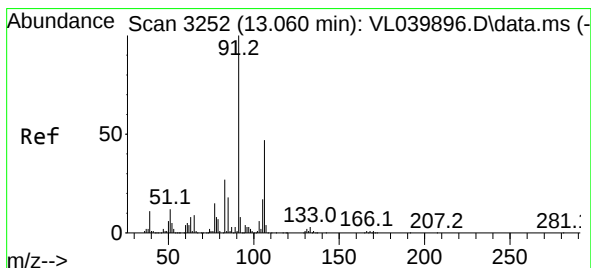
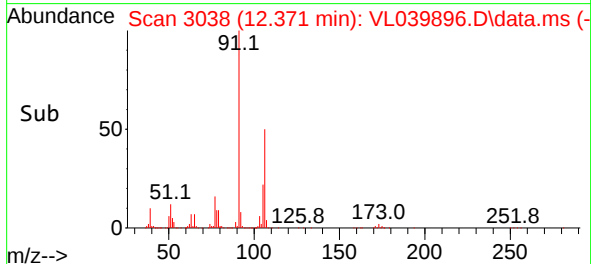
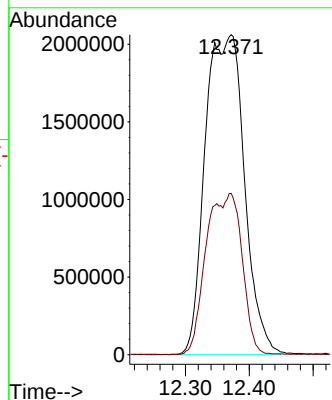
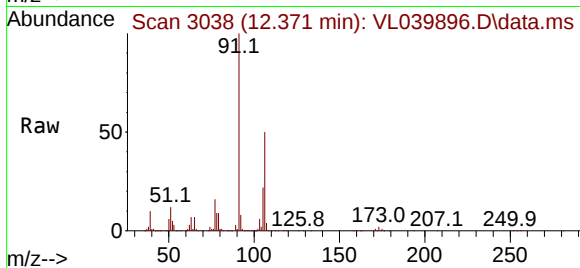
#59
m/p-Xylene
Concen: 19.536 ppbv m
RT: 12.371 min Scan# 3038
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 8788729
Ion Ratio Lower Upper
91 100
106 46.3 38.6 58.0

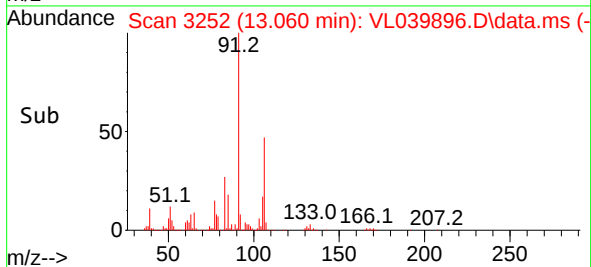
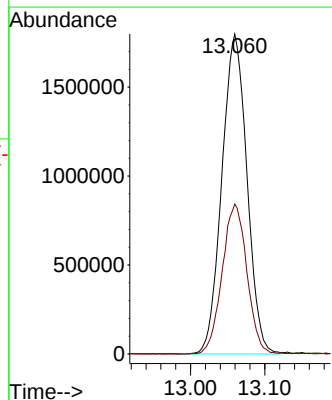
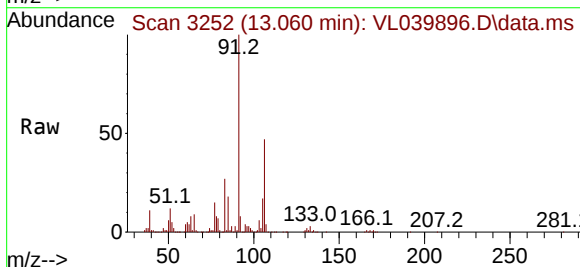
Manual Integrations
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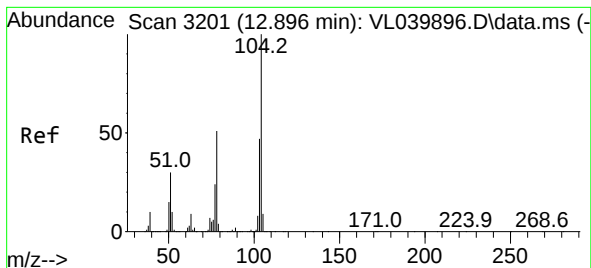
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#60
o-Xylene
Concen: 9.884 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion: 91 Resp: 4212870
Ion Ratio Lower Upper
91 100
106 46.4 23.5 70.6





#61

Styrene

Concen: 10.247 ppbv

RT: 12.896 min Scan# 3201

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 268747

Ion Ratio Lower Upper

104 100

78 52.3 41.1 61.7

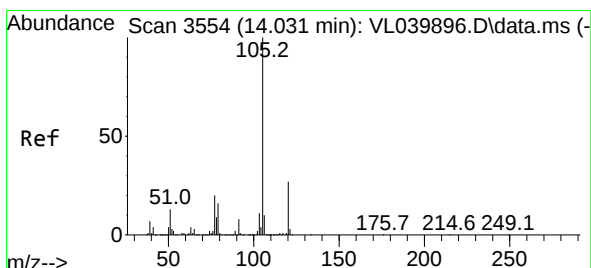
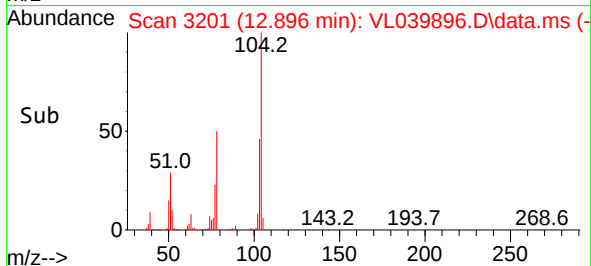
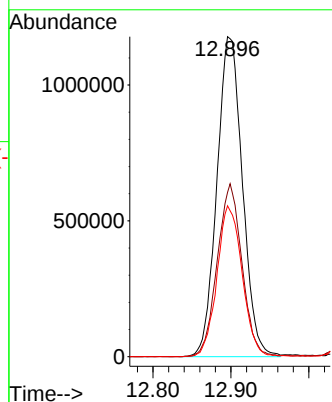
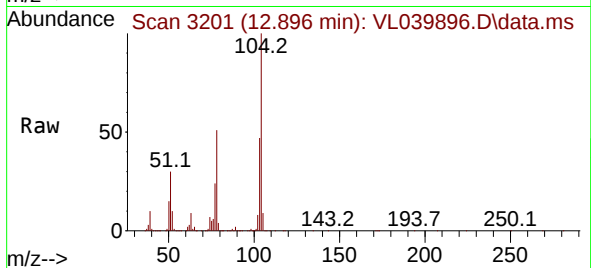
103 46.5 37.3 55.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#62

Isopropylbenzene

Concen: 9.634 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. -0.016 min

Lab File: VL039896.D

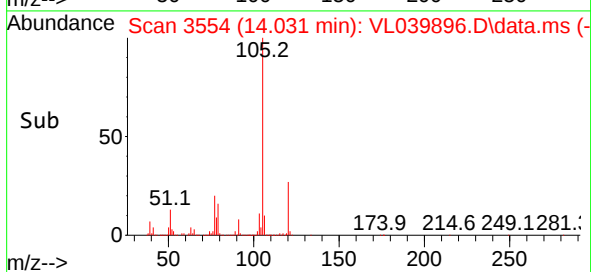
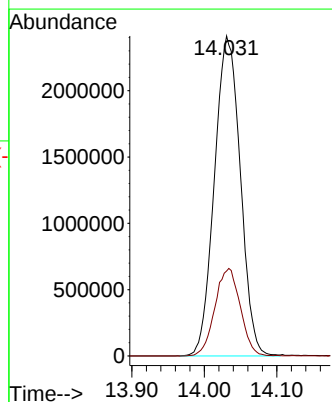
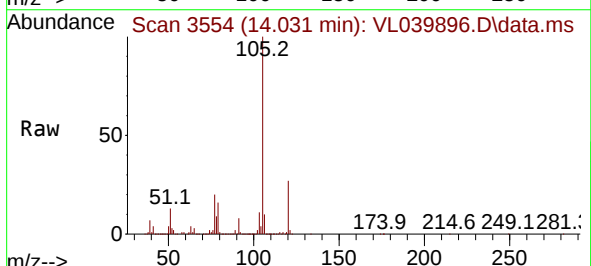
Acq: 18 Nov 2022 8:46

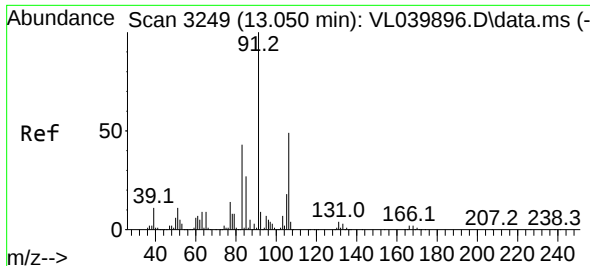
Tgt Ion:105 Resp: 5989720

Ion Ratio Lower Upper

105 100

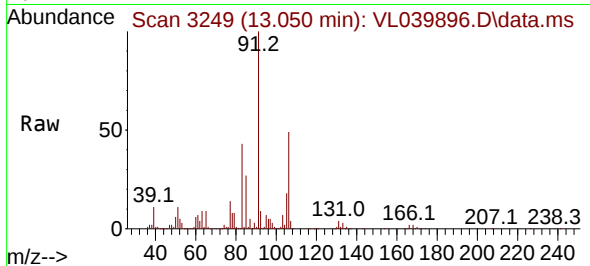
120 26.8 22.6 33.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.108 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

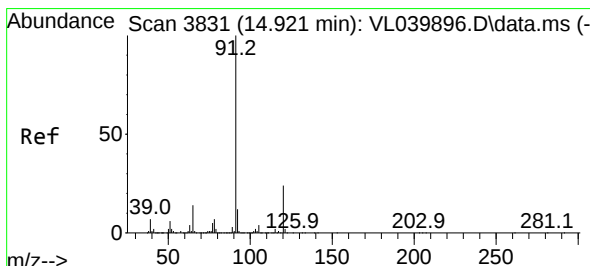
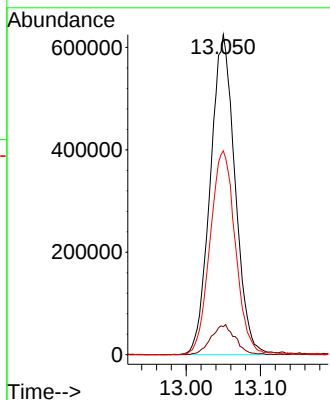
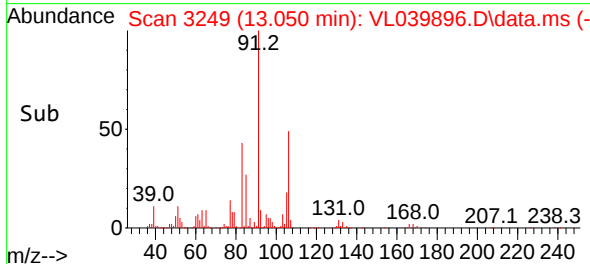
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 1445728
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.7
85 66.0 33.2 99.6

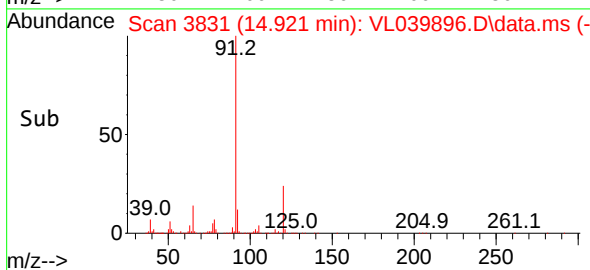
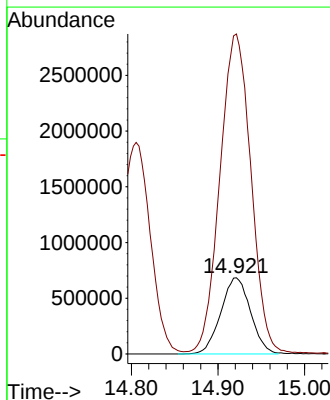
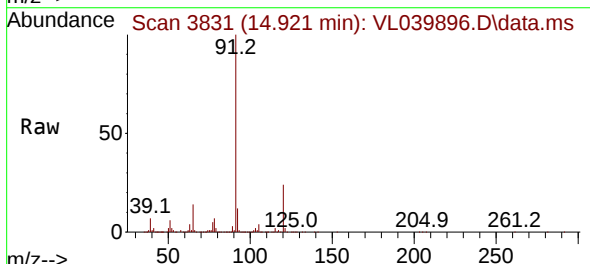
Manual Integrations
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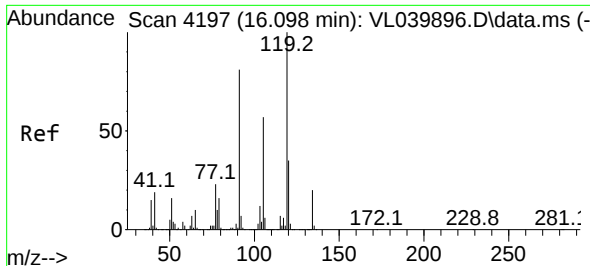
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#64
n-propylbenzene
Concen: 9.774 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

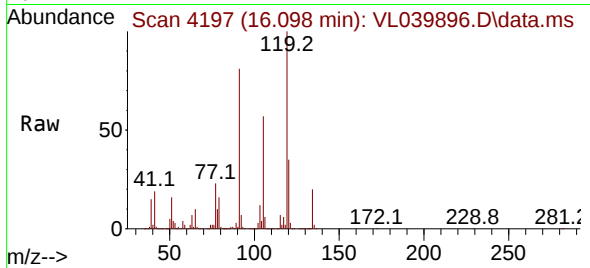
Tgt Ion:120 Resp: 1625599
Ion Ratio Lower Upper
120 100
91 442.1 327.4 491.2





#65
tert-Butylbenzene
Concen: 9.542 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

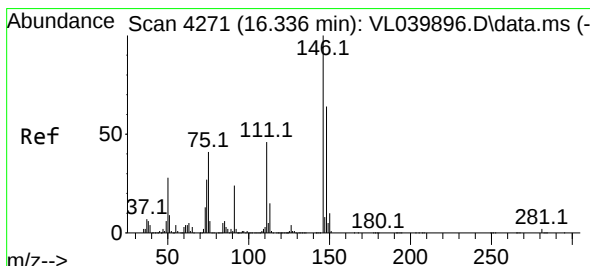
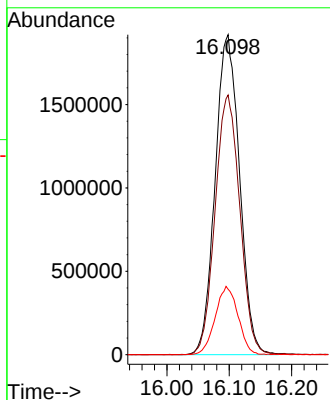
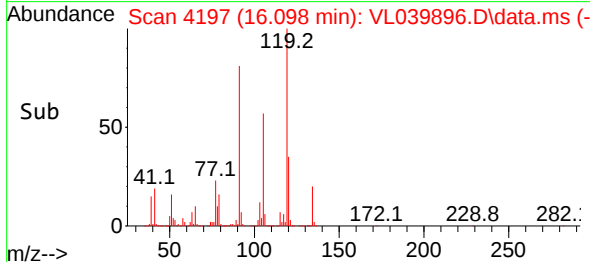
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



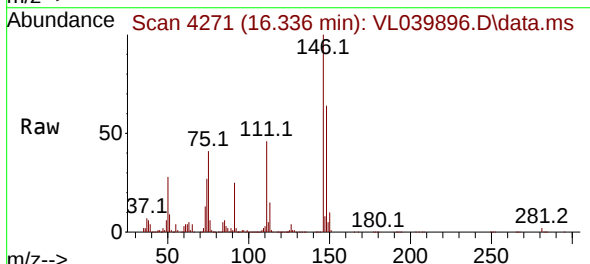
Tgt Ion: 119 Resp: 5209208
Ion Ratio Lower Upper
119 100
91 82.3 64.1 96.1
134 20.1 16.6 25.0

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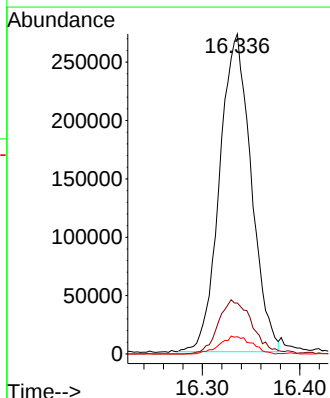
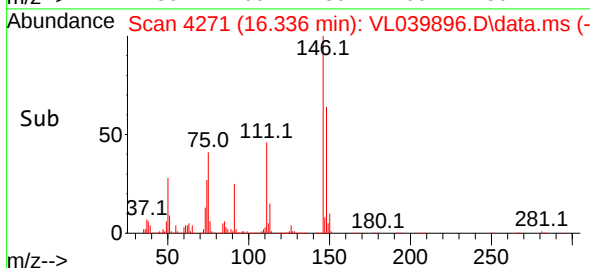
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

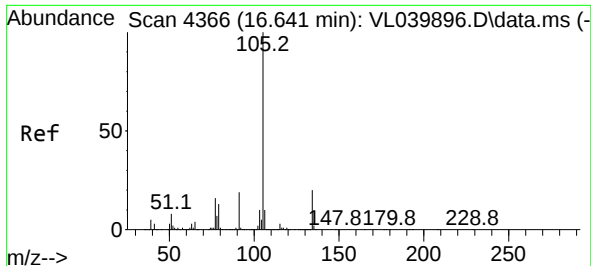


#66
Benzyl Chloride
Concen: 9.639 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.010 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



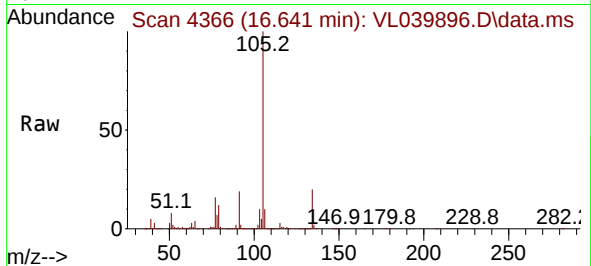
Tgt Ion: 91 Resp: 611837
Ion Ratio Lower Upper
91 100
126 18.8 15.3 22.9
128 5.8 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 9.620 ppbv
 RT: 16.641 min Scan# 4366
 Delta R.T. -0.016 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46

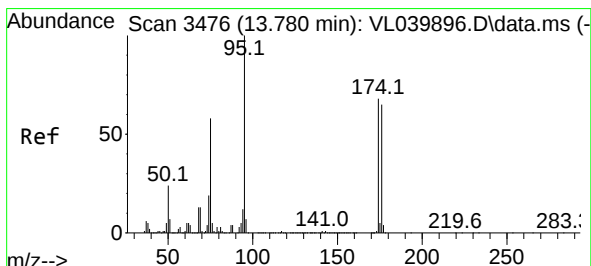
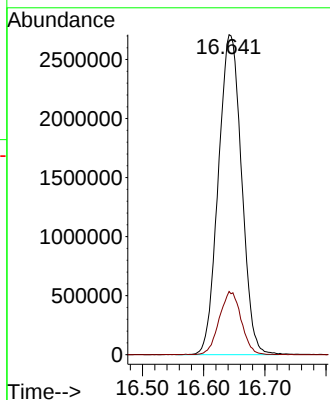
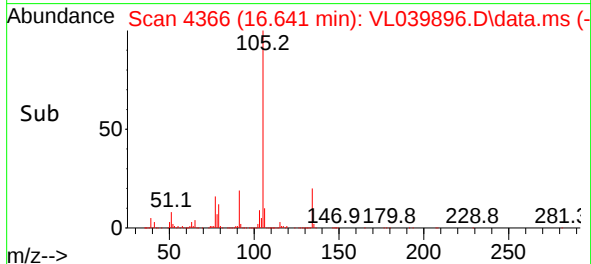
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



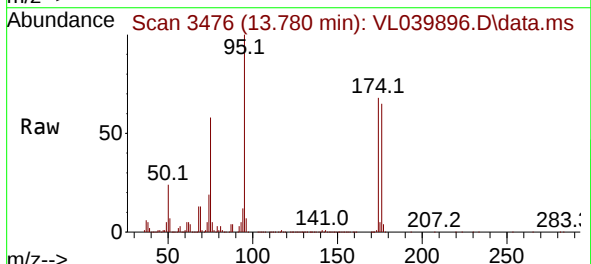
Tgt Ion:105 Resp: 714894
 Ion Ratio Lower Upper
 105 100
 134 18.8 16.2 24.4

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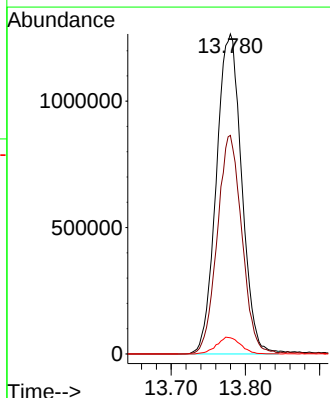
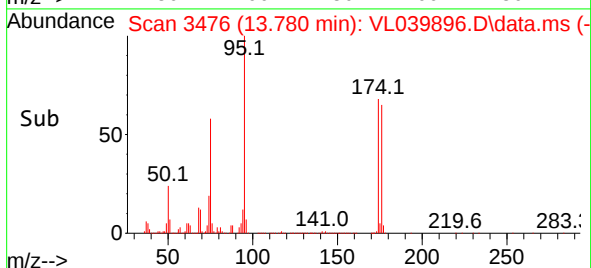
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

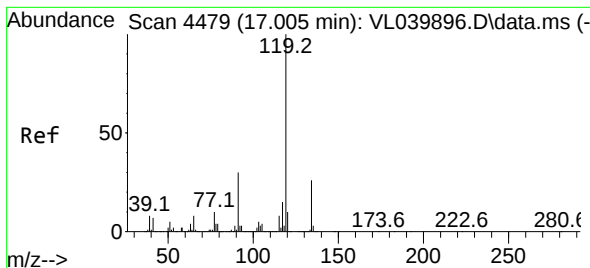


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.067 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.013 min
 Lab File: VL039896.D
 Acq: 18 Nov 2022 8:46



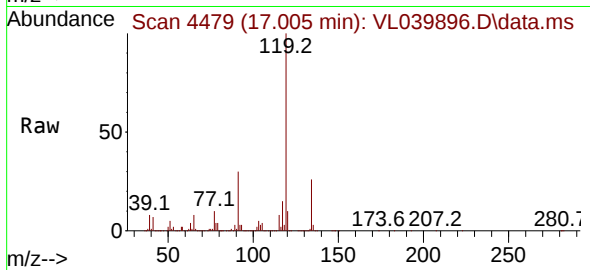
Tgt Ion: 95 Resp: 3003597
 Ion Ratio Lower Upper
 95 100
 174 67.1 61.3 91.9
 175 5.0 4.6 7.0





#69
p-Isopropyltoluene
Concen: 9.632 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

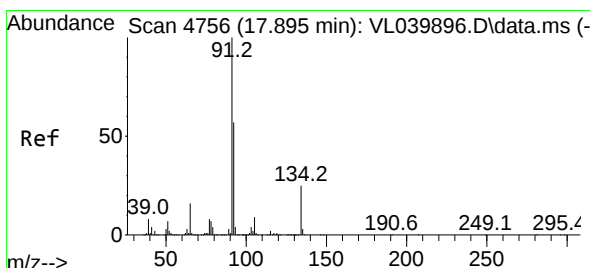
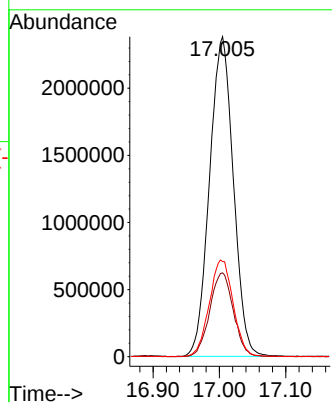
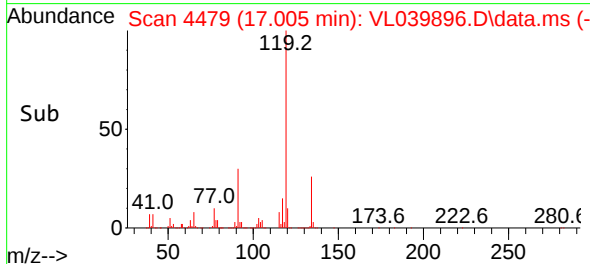
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



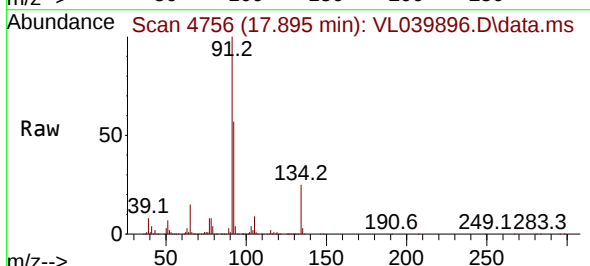
Tgt Ion:119 Resp: 5936730
Ion Ratio Lower Upper
119 100
134 26.2 22.4 33.6
91 30.5 24.2 36.4

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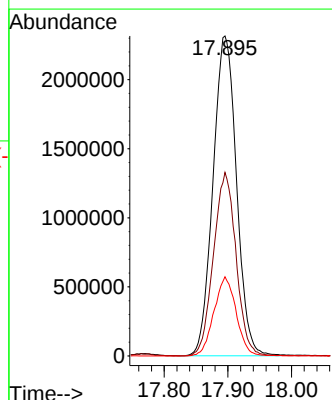
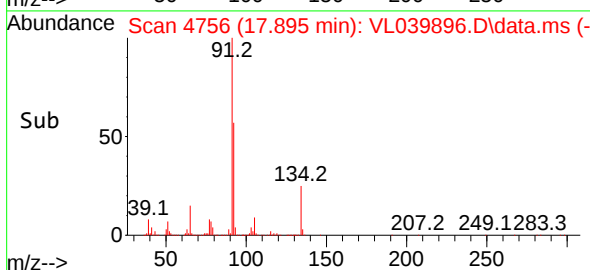
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

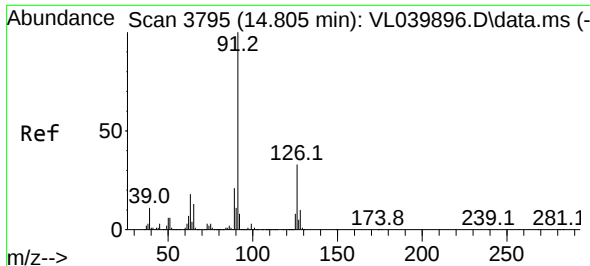


#70
n-Butylbenzene
Concen: 9.954 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



Tgt Ion: 91 Resp: 5931407
Ion Ratio Lower Upper
91 100
92 55.2 45.4 68.2
134 23.5 20.6 31.0





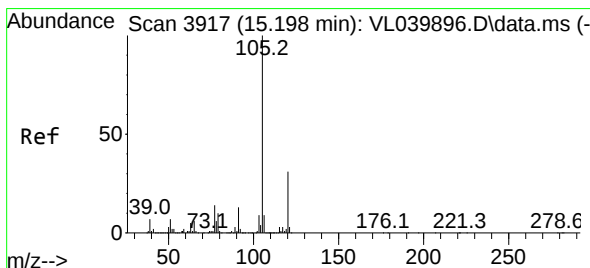
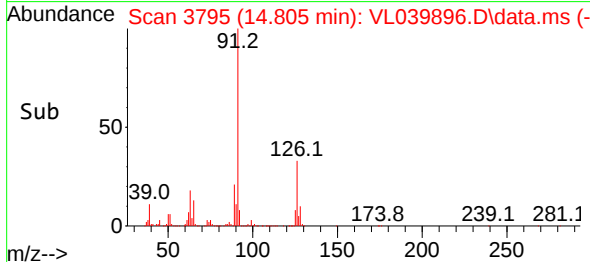
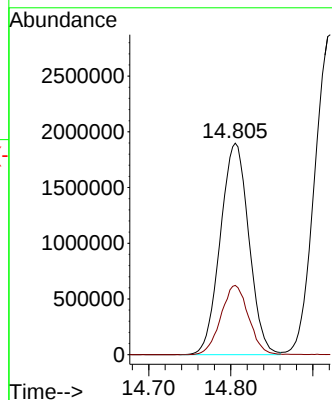
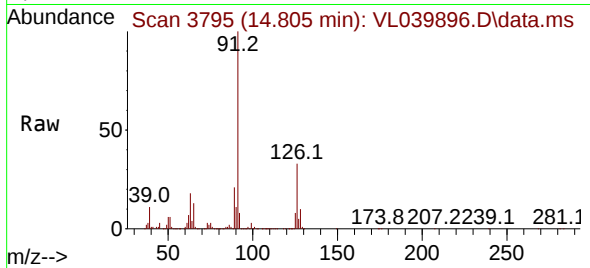
#71
2-Chlorotoluene
Concen: 9.836 ppbv
RT: 14.805 min Scan# 3795
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 459493
Ion Ratio Lower Upper
91 100
126 31.9 13.6 54.2

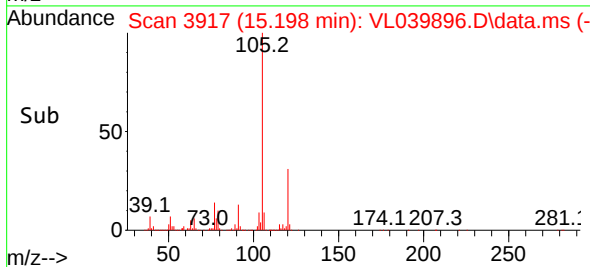
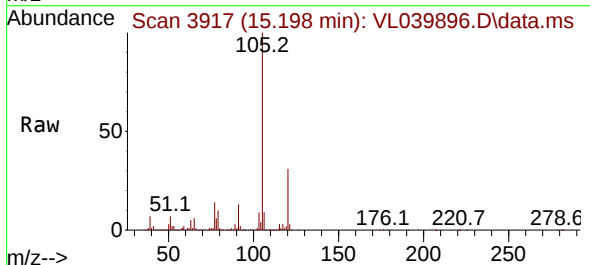
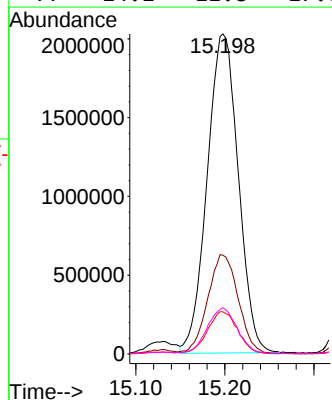
Manual Integrations
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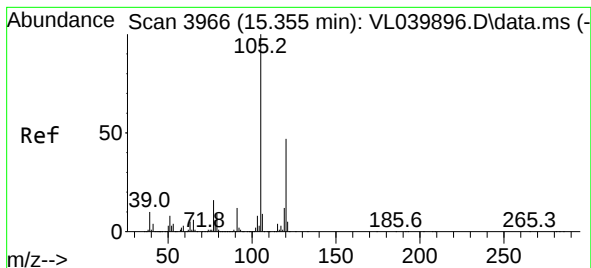
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#72
4-Ethyltoluene
Concen: 10.249 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Tgt Ion:105 Resp: 4919065
Ion Ratio Lower Upper
105 100
120 30.6 25.8 38.6
91 13.0 10.6 15.8
77 14.1 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 10.216 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 434647

Ion Ratio Lower Upper

105 100

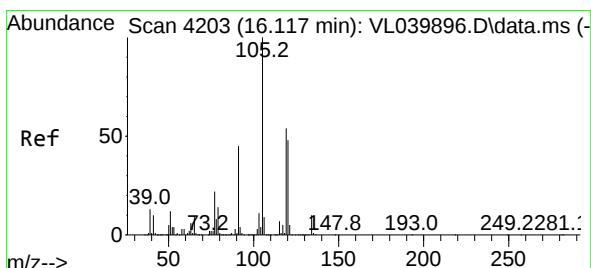
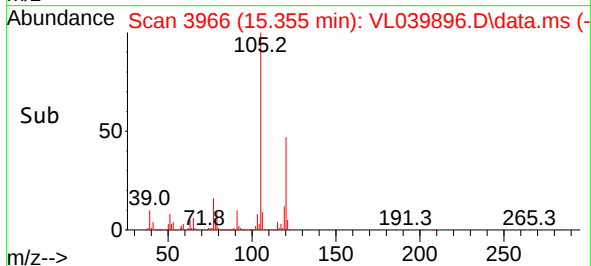
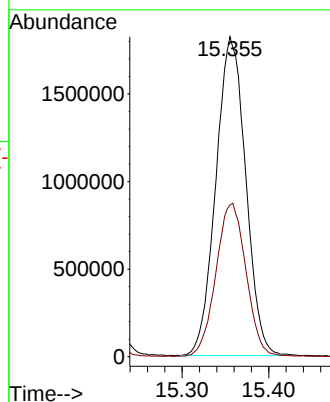
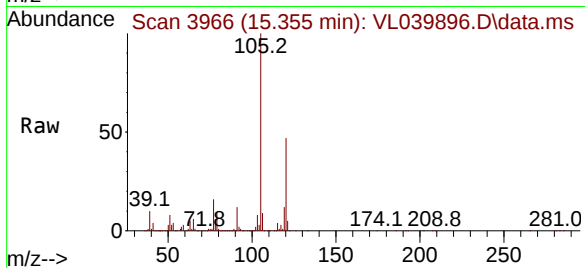
120 47.4 41.7 62.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.155 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.013 min

Lab File: VL039896.D

Acq: 18 Nov 2022 8:46

Tgt Ion:105 Resp: 4590439

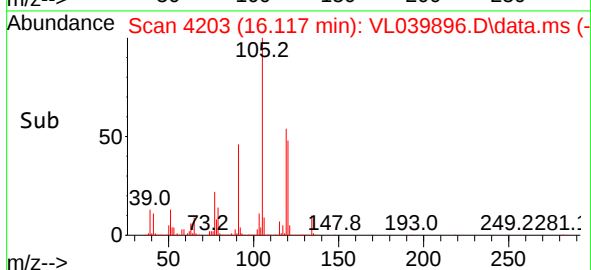
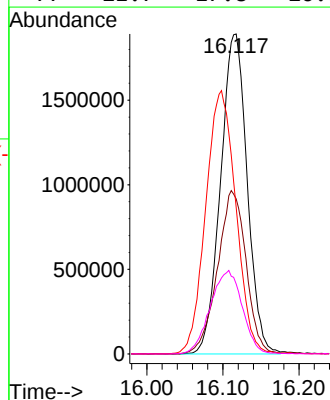
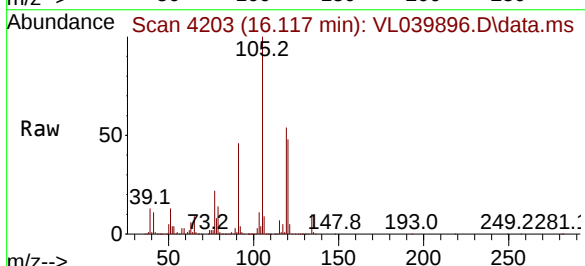
Ion Ratio Lower Upper

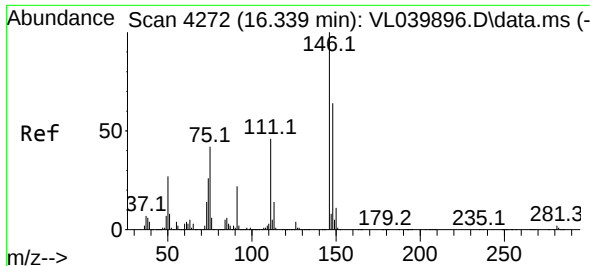
105 100

120 48.4 41.0 61.6

91 45.5 37.6 56.4

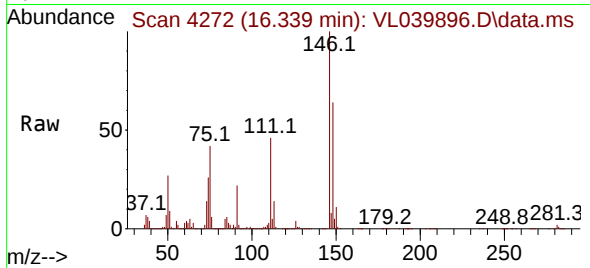
77 21.7 17.8 26.8





#75
1,3-Dichlorobenzene
Concen: 10.179 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

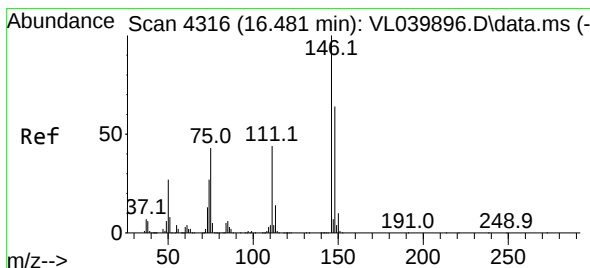
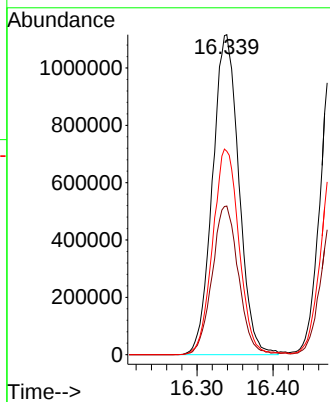
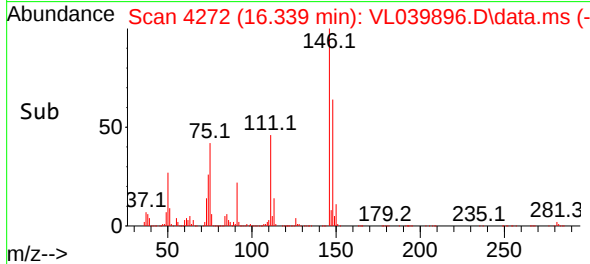
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



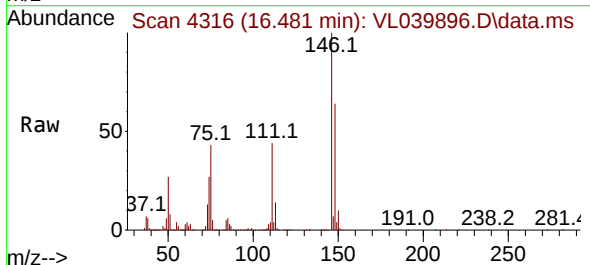
Tgt Ion:146 Resp: 268659
Ion Ratio Lower Upper
146 100
111 46.6 22.5 67.5
148 64.4 32.6 98.0

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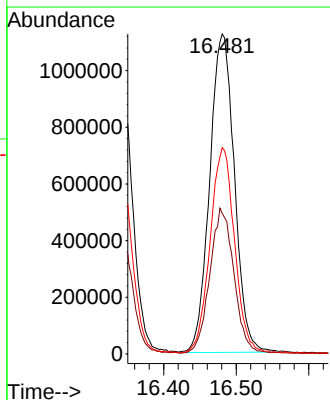
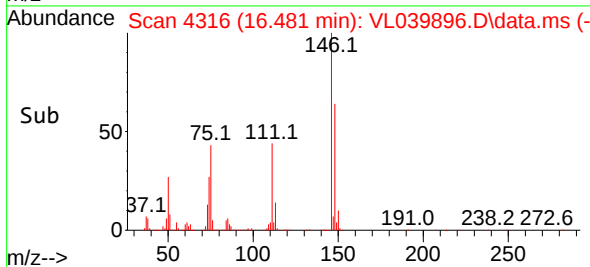
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

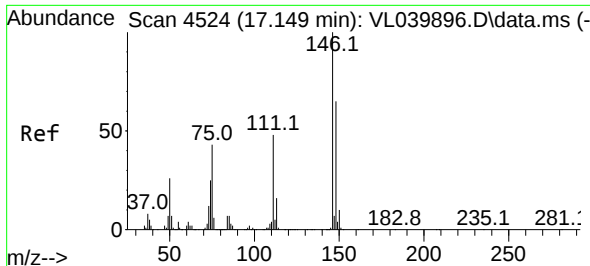


#76
1,4-Dichlorobenzene
Concen: 10.293 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



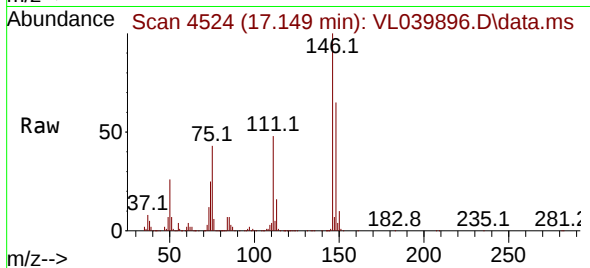
Tgt Ion:146 Resp: 2665949
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.2
148 64.6 33.5 100.4





#77
1,2-Dichlorobenzene
Concen: 10.189 ppbv
RT: 17.149 min Scan# 4524
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

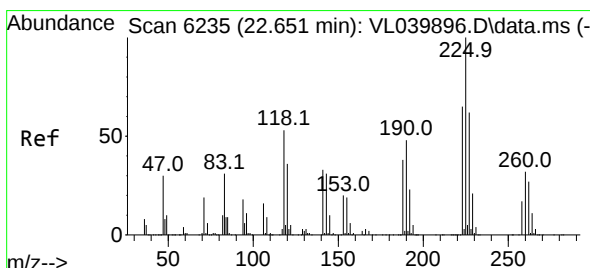
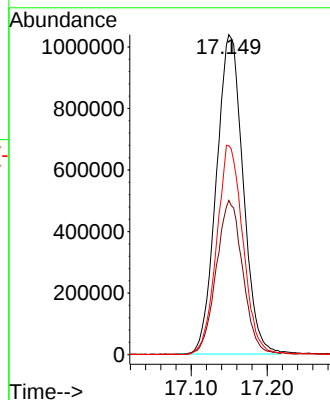
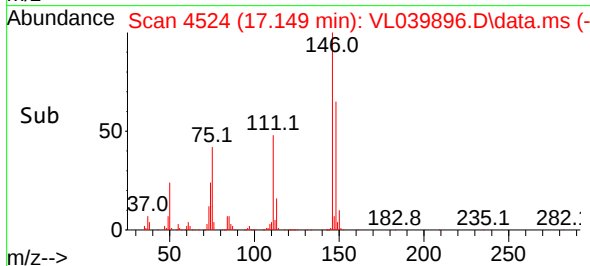
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



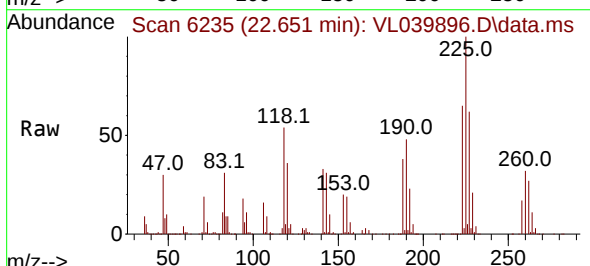
Tgt Ion:146 Resp: 253517
Ion Ratio Lower Upper
146 100
111 48.2 23.1 69.3
148 64.8 33.1 99.2

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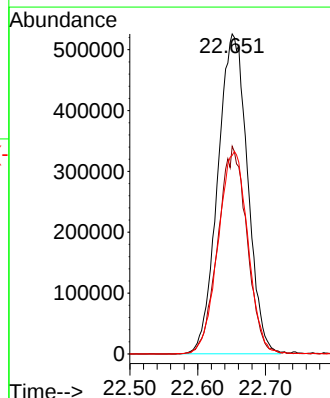
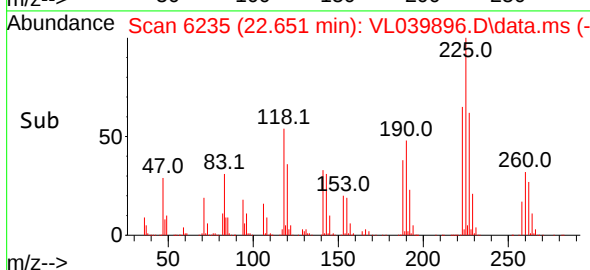
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

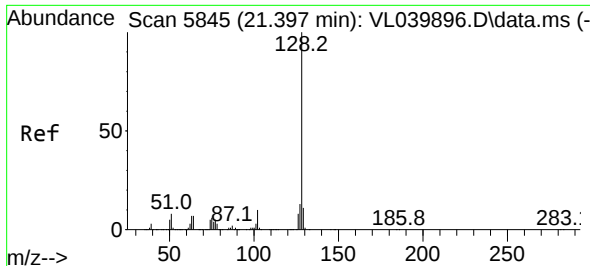


#78
Hexachloro-1,3-Butadiene
Concen: 8.698 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46



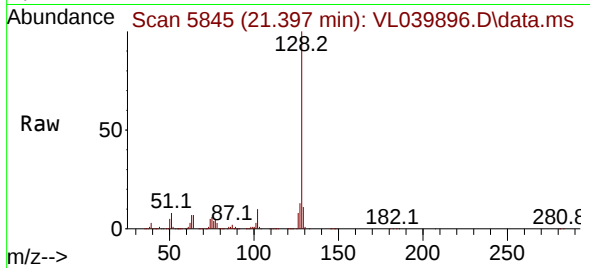
Tgt Ion:225 Resp: 1603424
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 63.5 52.1 78.1





#79
Naphthalene
Concen: 9.300 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.016 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

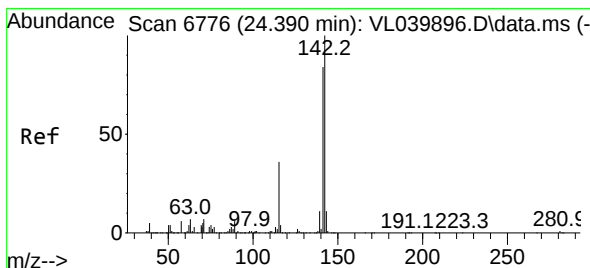
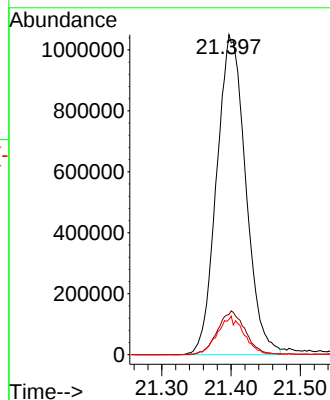
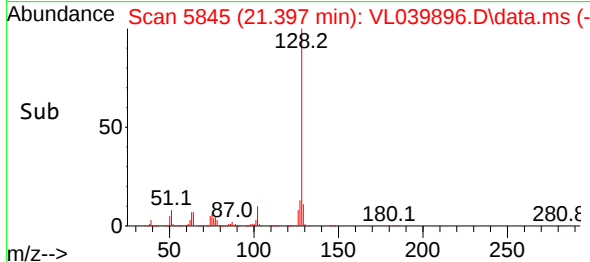
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:128 Resp: 305652
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 11.0 9.2 13.8

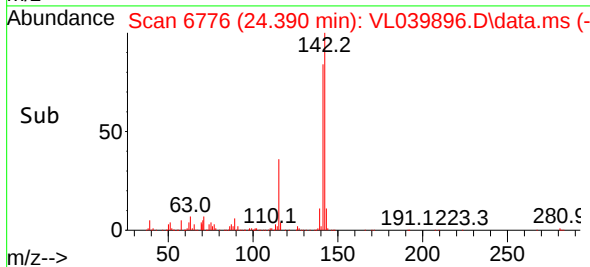
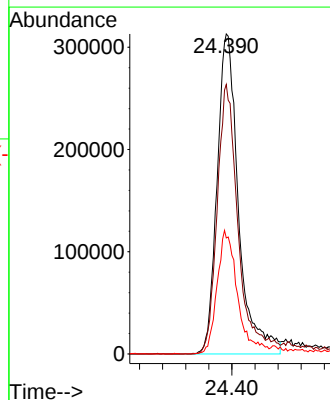
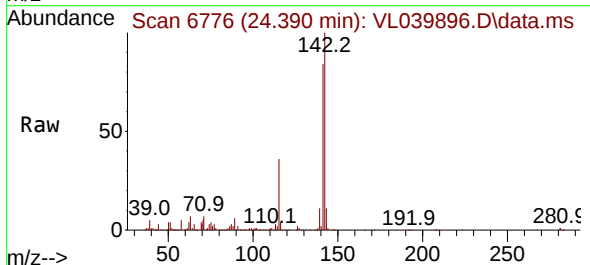
Manual Integrations
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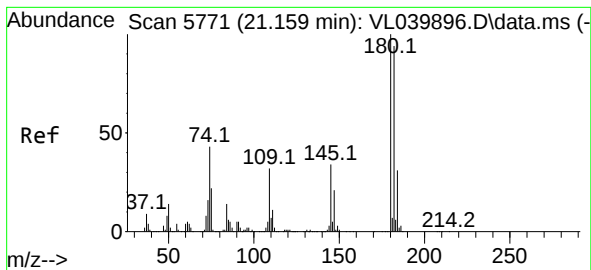
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#80
Naphthalene,2-methyl-
Concen: 5.799 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. -0.013 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

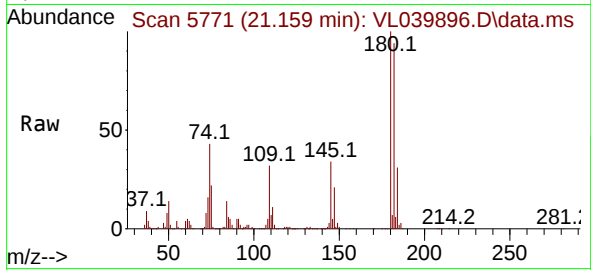
Tgt Ion:142 Resp: 808010
Ion Ratio Lower Upper
142 100
141 86.4 63.8 95.8
115 37.0 28.5 42.7





#81
1,2,4-Trichlorobenzene
Concen: 9.455 ppbv
RT: 21.159 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL039896.D
Acq: 18 Nov 2022 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 1738250
Ion Ratio Lower Upper
180 100
182 96.3 77.8 116.6
184 31.5 25.4 38.0

Manual Integrations
APPROVED

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

