

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039897.D
 Acq On : 18 Nov 2022 9:26
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 11:18:14 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)

Internal Standards						
1) Bromochloromethane	5.176	49	1324214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3964819	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3808552	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2858867 10.029 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.710	85	336674	1.506	ppbv	96
3) Chlorodifluoromethane	2.655	51	374618	2.373	ppbv	100
4) Chloromethane	2.793	50	234968	2.390	ppbv	98
5) Vinyl Chloride	2.903	62	203352	2.555	ppbv	98
6) Bromomethane	3.102	94	62984	2.219	ppbv	86
7) Chloroethane	3.179	64	68926	2.311	ppbv	90
8) Dichlorotetrafluoroethane	2.838	85	445144	2.336	ppbv	99
9) Propene	2.671	41	167176	2.032	ppbv	94
10) Heptane	7.565	43	426562	2.165	ppbv	98
11) Trichlorofluoromethane	3.542	101	463392	2.541	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.047	101	351594	2.670	ppbv	100
13) Ethanol	3.243	45	14336m	2.466	ppbv	
14) Bromoethene	3.346	108	139322	2.363	ppbv	95
15) Acetone	3.456	43	366911	2.276	ppbv	98
16) 1,3-Butadiene	2.964	39	184564	2.462	ppbv	97
17) tert-Butyl alcohol	3.867	59	386818	2.520	ppbv	100
18) 1,1-Dichloroethene	3.861	96	163854	2.714	ppbv	96
19) Isopropyl Alcohol	3.565	45	180304	2.260	ppbv #	33
20) Methylene Chloride	3.915	84	193369	3.353	ppbv	94
21) Allyl Chloride	3.976	41	253079	2.482	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	161232	2.631	ppbv	96
23) Vinyl Acetate	4.607	43	137738	2.145	ppbv #	94
24) 1,1-Dichloroethane	4.546	63	349126	2.662	ppbv	98
25) Ethyl Acetate	5.192	43	646571	1.947	ppbv	99
26) Hexane	5.198	57	296243	2.001	ppbv	100
27) Carbon Disulfide	4.105	76	381903	2.457	ppbv #	94
28) Methyl tert-Butyl Ether	4.574	73	360348	2.689	ppbv	99
29) Chloroform	5.256	83	243247	1.169	ppbv	100
30) Cyclohexane	6.587	84	276916	2.237	ppbv	97
31) cis-1,2-Dichloroethene	5.060	61	259018	1.919	ppbv	96
32) 1,1,1-Trichloroethane	5.986	97	479675	2.315	ppbv	97
34) 2-Butanone	4.777	43	400158	2.446	ppbv	100
35) Carbon Tetrachloride	6.481	117	474961	2.055	ppbv	98
36) Benzene	6.356	78	698453	2.088	ppbv #	94
37) 1,2-Dichloroethane	5.787	62	376391m	2.346	ppbv	
38) Trichloroethene	7.279	130	374851	2.094	ppbv	97
39) 1,2-Dichloropropane	7.060	63	267723	2.055	ppbv	96
40) 1,4-Dioxane	7.291	88	103998m	2.084	ppbv	
41) Tetrahydrofuran	5.555	42	266361	1.949	ppbv	96
42) Bromodichloromethane	7.237	83	515200	2.010	ppbv	99
43) Methyl Methacrylate	7.462	69	271693	2.056	ppbv	98
44) 2,2,4-Trimethylpentane	7.311	57	1186385	2.102	ppbv	98
45) t-1,3-Dichloropropene	8.700	75	241566	1.908	ppbv	98

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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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

Quant Time: Nov 18 11:18:14 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)
46) cis-1,3-Dichloropropene	8.134	75	346622	2.006	ppbv	94
47) 1,1,2-Trichloroethane	8.889	97	274086	2.077	ppbv	95
48) Dibromochloromethane	9.700	129	414749	1.845	ppbv	99
49) Bromoform	12.404	173	332124	1.838	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	717725	2.143	ppbv	100
51) 2-Hexanone	9.555	43	547166	2.096	ppbv #	99
52) Tetrachloroethene	10.606	164	251755	2.009	ppbv	98
53) Toluene	9.211	91	799782	2.084	ppbv	98
54) 1,2-Dibromoethane	10.002	107	302253	2.064	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.507	131	323678	1.988	ppbv #	1
57) Chlorobenzene	11.520	112	597817	2.069	ppbv	95
58) Ethyl Benzene	12.085	91	1060597	2.060	ppbv	96
59) m/p-Xylene	12.362	91	1811806m	4.215	ppbv	
60) o-Xylene	13.056	91	854848	2.099	ppbv	97
61) Styrene	12.896	104	505651	2.018	ppbv	100
62) Isopropylbenzene	14.028	105	1248157	2.101	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.050	83	276619	1.824	ppbv	96
64) n-propylbenzene	14.921	120	312165	1.964	ppbv	83
65) tert-Butylbenzene	16.095	119	1092228	2.094	ppbv	99
66) Benzyl Chloride	16.336	91	87079m	1.436	ppbv	
67) sec-Butylbenzene	16.645	105	1519580	2.140	ppbv	98
69) p-Isopropyltoluene	16.998	119	1244452	2.113	ppbv	99
70) n-Butylbenzene	17.899	91	1252368	2.200	ppbv	98
71) 2-Chlorotoluene	14.802	91	928036	2.079	ppbv	99
72) 4-Ethyltoluene	15.191	105	969795	2.115	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	878671	2.161	ppbv	96
74) 1,2,4-Trimethylbenzene	16.114	105	937330	2.170	ppbv	98
75) 1,3-Dichlorobenzene	16.336	146	531342	2.107	ppbv	100
76) 1,4-Dichlorobenzene	16.478	146	500397	2.022	ppbv	96
77) 1,2-Dichlorobenzene	17.146	146	499215	2.100	ppbv	98
78) Hexachloro-1,3-Butadiene	22.654	225	367549	2.087	ppbv	98
79) Naphthalene	21.400	128	630371	2.007	ppbv	97
80) Naphthalene,2-methyl-	24.394	142	166403	1.250	ppbv	97
81) 1,2,4-Trichlorobenzene	21.149	180	356865	2.032	ppbv	97

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

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Sample : VSTDICC002
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations
APPROVED

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

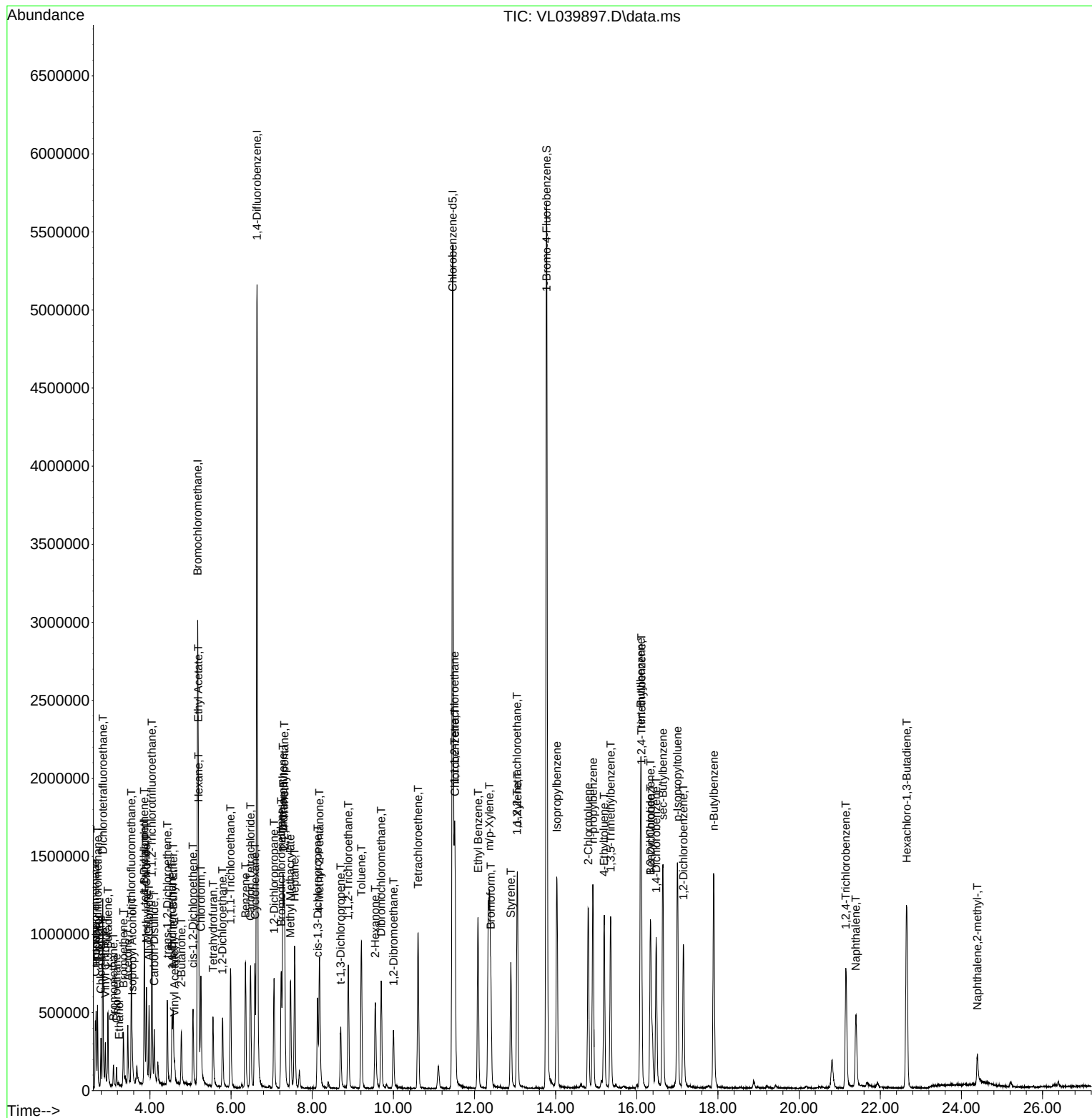
Quant Time: Nov 18 11:18:14 2022

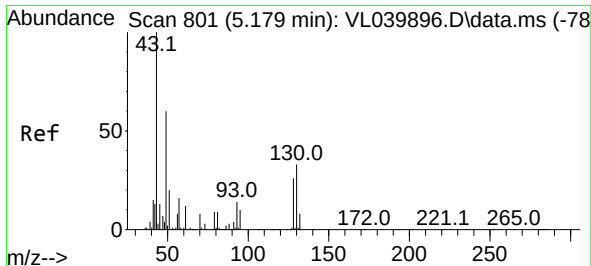
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

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

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

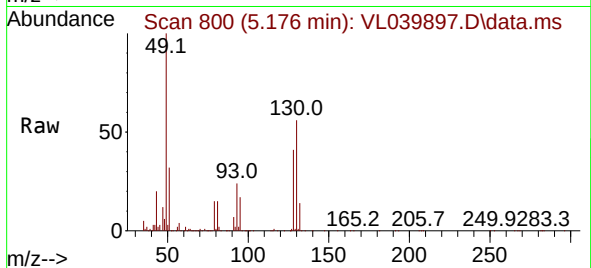
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

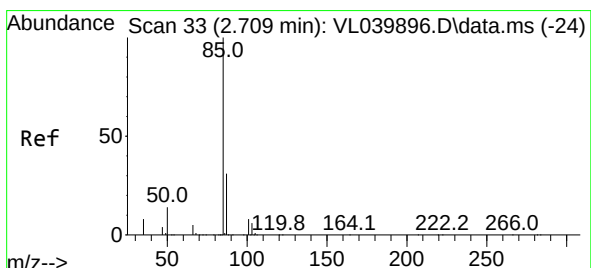
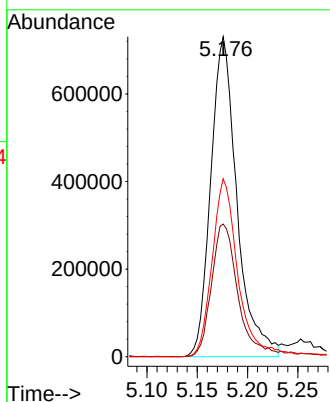
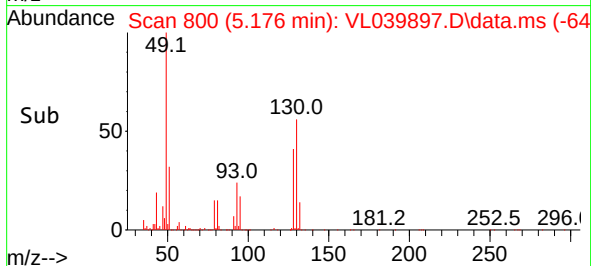
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



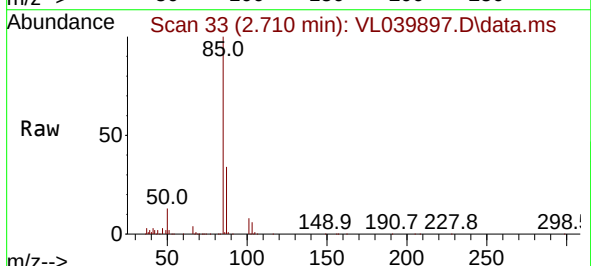
Tgt Ion: 49 Resp: 1324214
Ion Ratio Lower Upper
49 100
128 43.4 22.1 66.3
130 56.3 27.7 83.1

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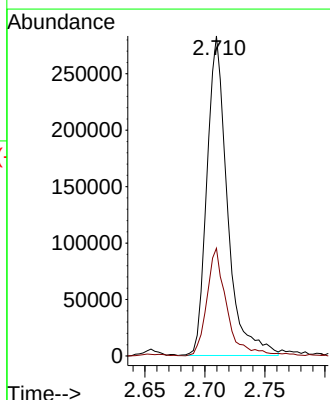
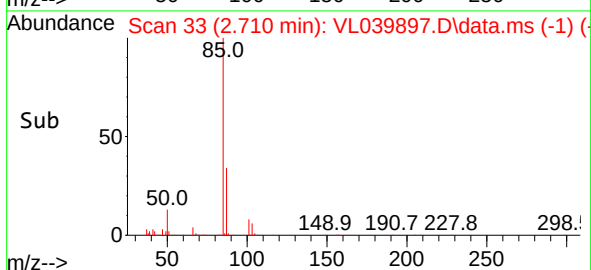
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

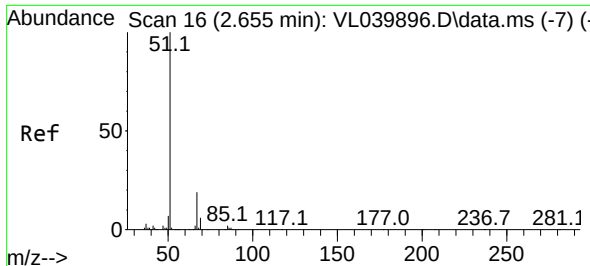


#2
Dichlorodifluoromethane
Concen: 1.506 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



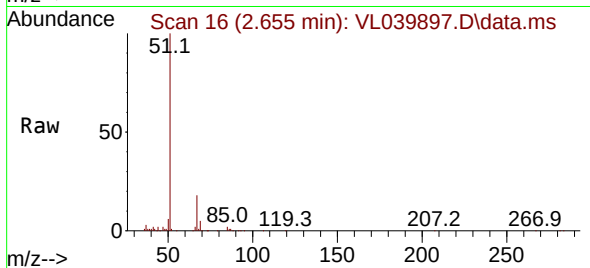
Tgt Ion: 85 Resp: 336674
Ion Ratio Lower Upper
85 100
87 33.6 25.0 37.4





#3
Chlorodifluoromethane
Concen: 2.373 ppbv
RT: 2.655 min Scan# 16
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

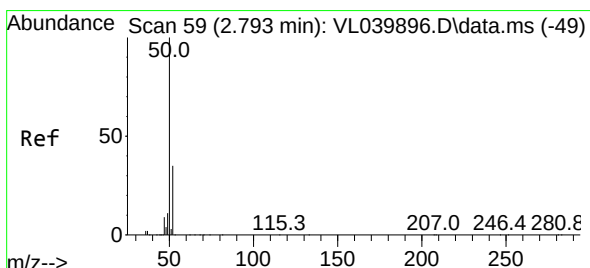
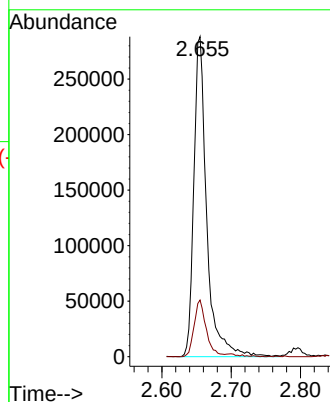
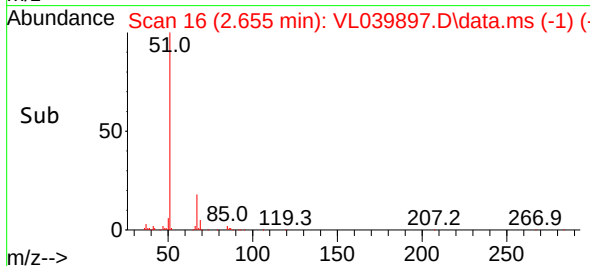
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



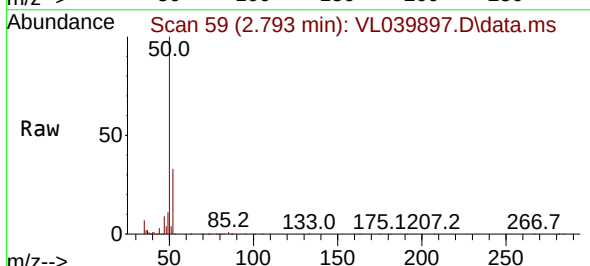
Tgt Ion: 51 Resp: 374618
Ion Ratio Lower Upper
51 100
67 17.7 14.2 21.4

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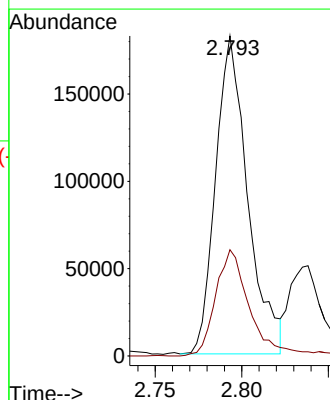
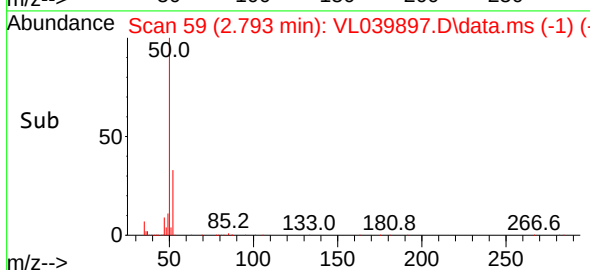
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

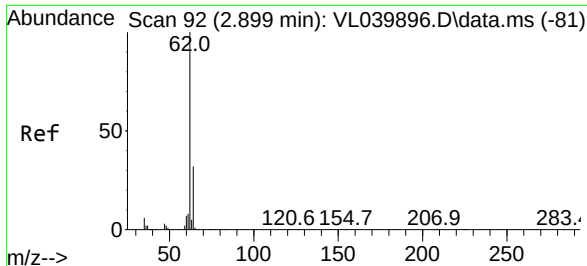


#4
Chloromethane
Concen: 2.390 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



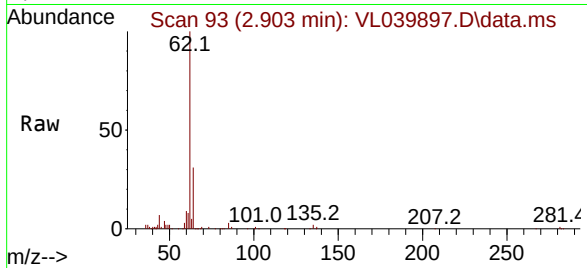
Tgt Ion: 50 Resp: 234968
Ion Ratio Lower Upper
50 100
52 33.4 27.8 41.8





#5
 Vinyl Chloride
 Concen: 2.555 ppbv
 RT: 2.903 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

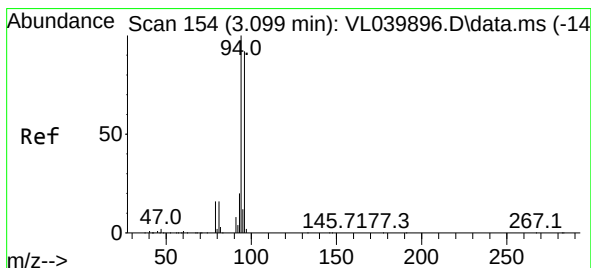
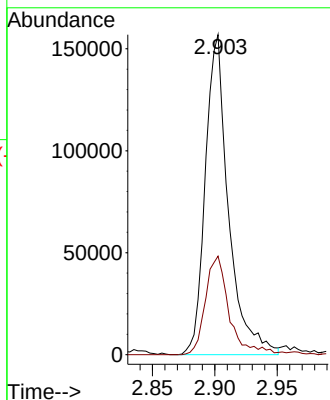
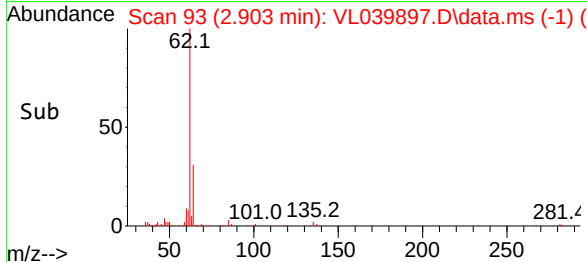
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 62 Resp: 203352
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.7 38.5

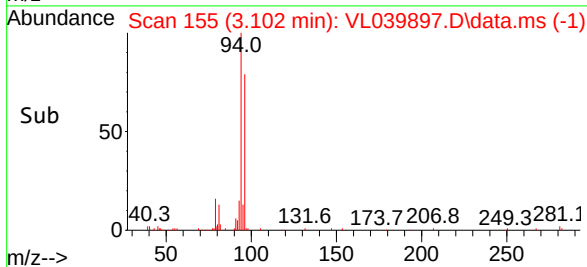
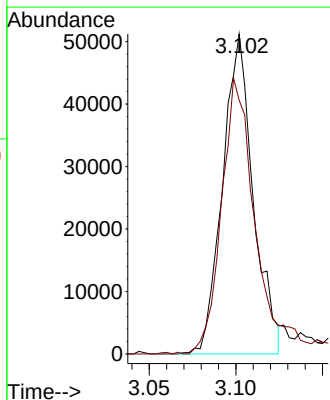
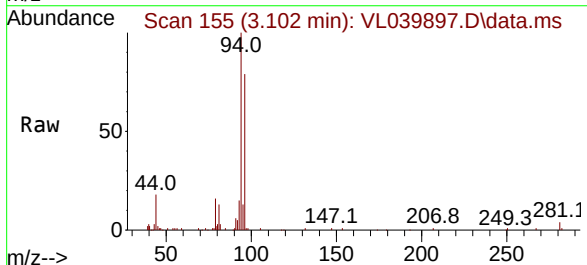
Manual Integrations
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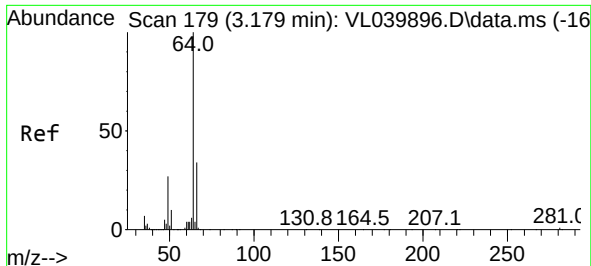
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#6
 Bromomethane
 Concen: 2.219 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

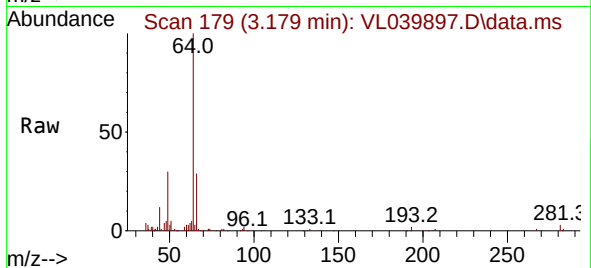
Tgt Ion: 94 Resp: 62984
 Ion Ratio Lower Upper
 94 100
 96 78.7 73.7 110.5





#7
Chloroethane
Concen: 2.311 ppbv
RT: 3.179 min Scan# 179
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

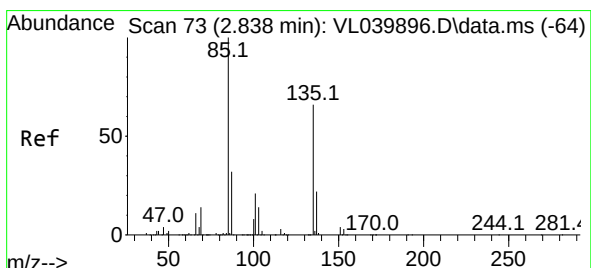
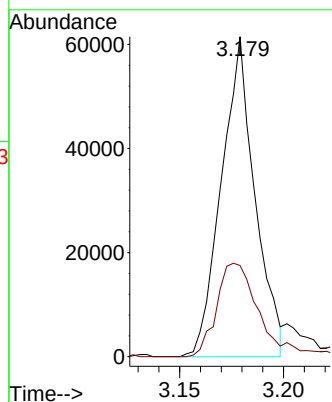
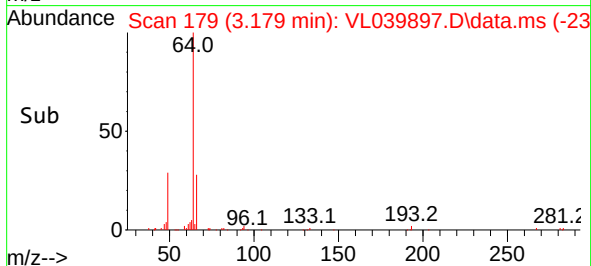
Instrument :
MSVOA_L
ClientSampleId :
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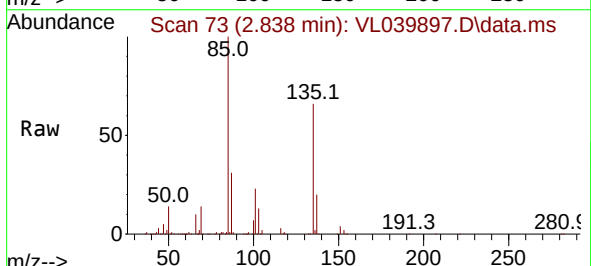
Tgt Ion: 64 Resp: 68920
Ion Ratio Lower Upper
64 100
66 28.5 27.3 40.9

Manual Integrations
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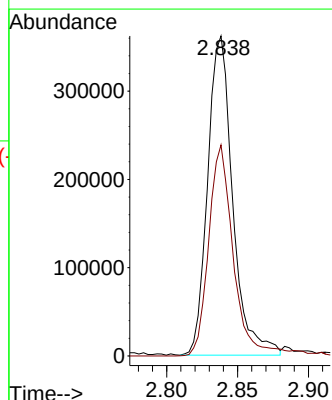
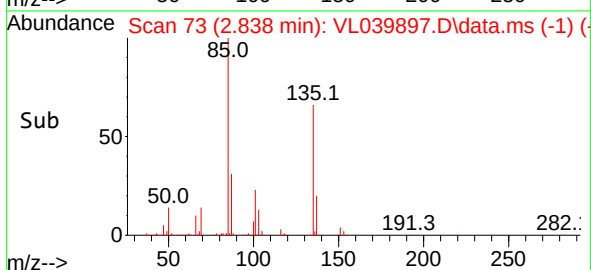
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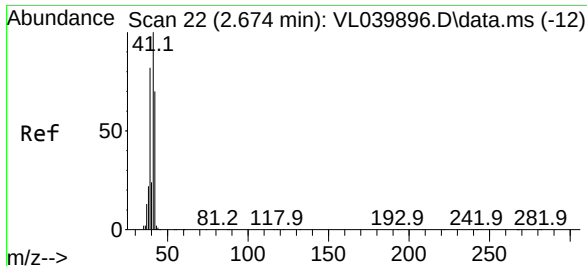


#8
Dichlorotetrafluoroethane
Concen: 2.336 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



Tgt Ion: 85 Resp: 445144
Ion Ratio Lower Upper
85 100
135 66.7 54.1 81.1





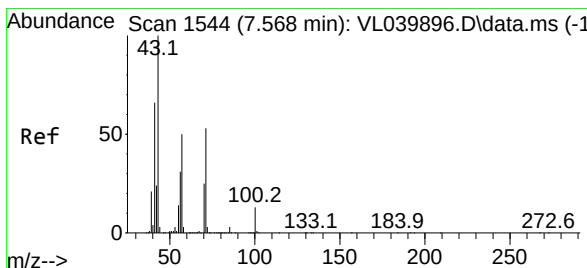
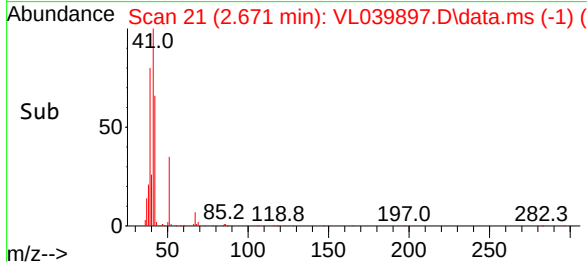
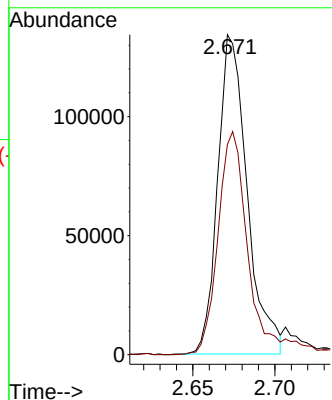
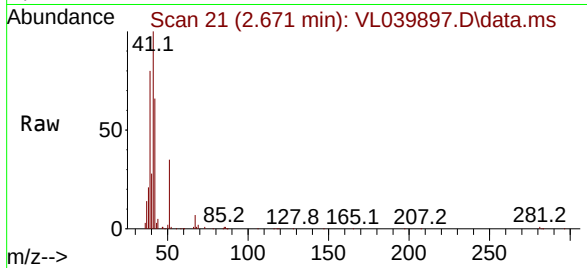
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 Propene
 Concen: 2.032 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 167170
 Ion Ratio Lower Upper
 41 100
 42 74.7 55.8 83.6

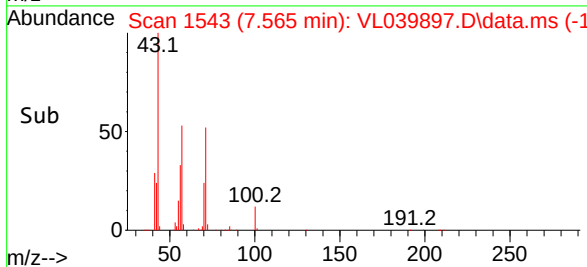
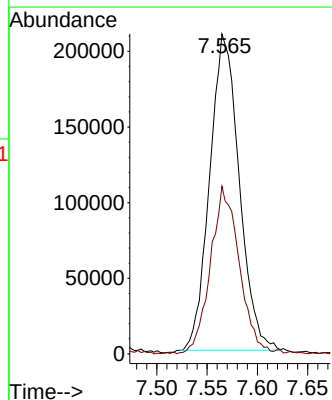
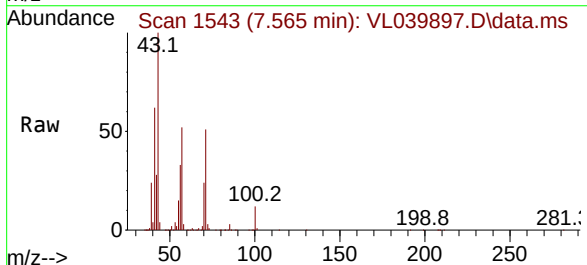
Manual Integrations
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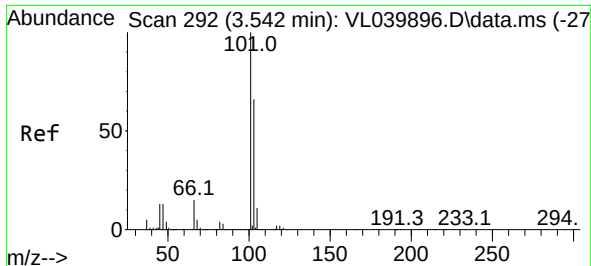
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#10
 Heptane
 Concen: 2.165 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.003 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

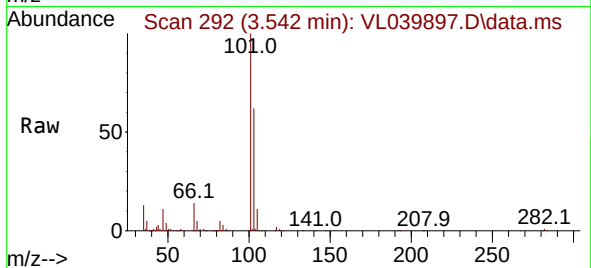
Tgt Ion: 43 Resp: 426562
 Ion Ratio Lower Upper
 43 100
 57 52.4 40.7 61.1





#11
 Trichlorofluoromethane
 Concen: 2.541 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

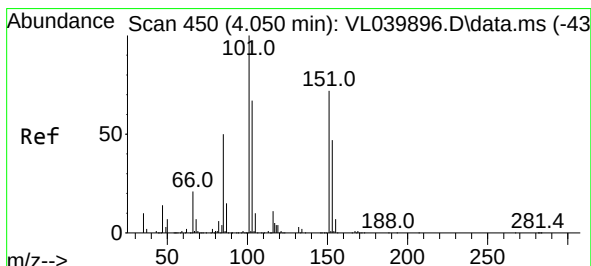
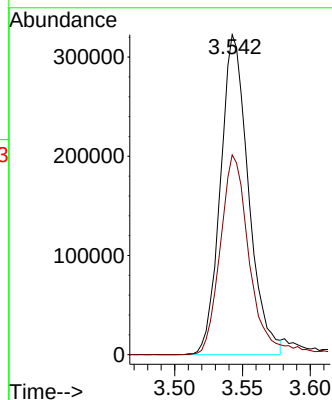
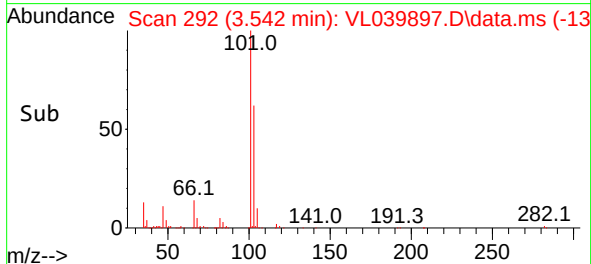
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



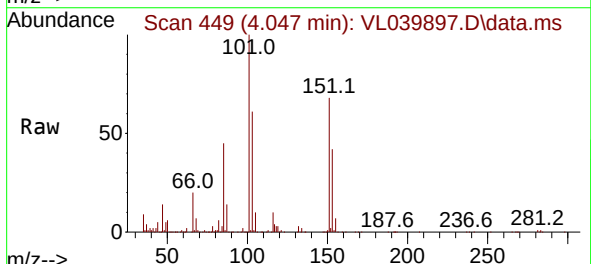
Tgt Ion:101 Resp: 463392
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.6 78.8

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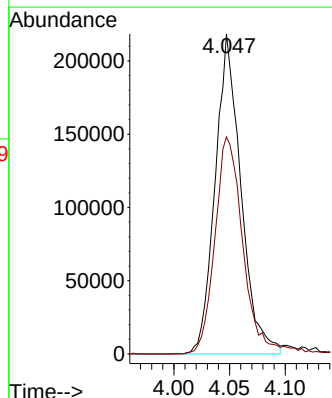
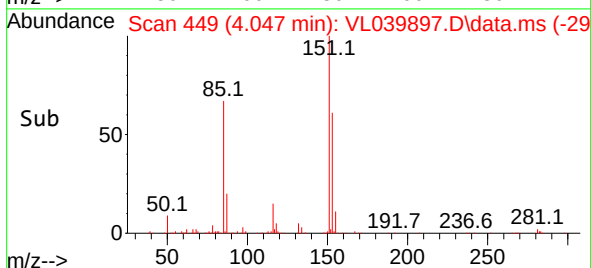
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

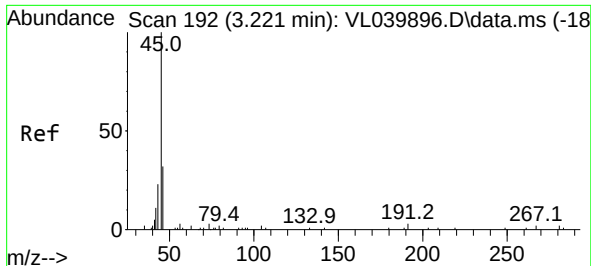


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.670 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. -0.003 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26



Tgt Ion:101 Resp: 351594
 Ion Ratio Lower Upper
 101 100
 151 74.8 59.6 89.4





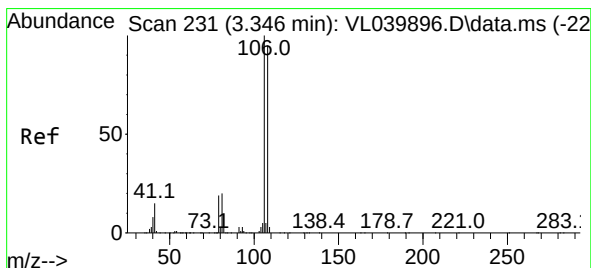
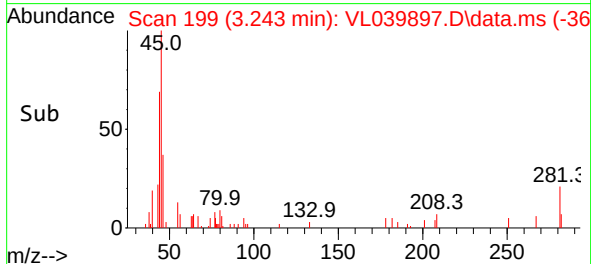
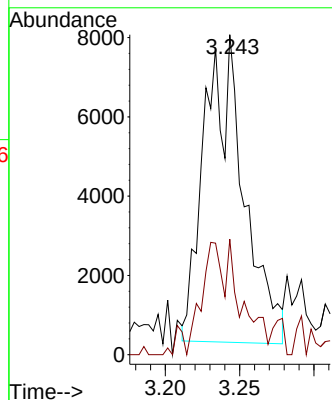
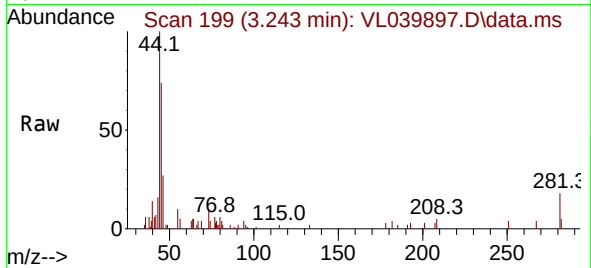
#13
Ethanol
Concen: 2.466 ppbv m
RT: 3.243 min Scan# 192
Delta R.T. 0.023 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 45 Resp: 14330
Ion Ratio Lower Upper
45 100
46 1.9 14.6 58.2

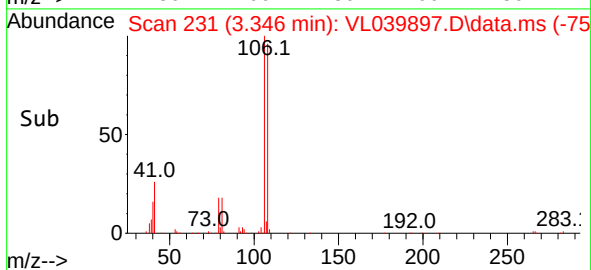
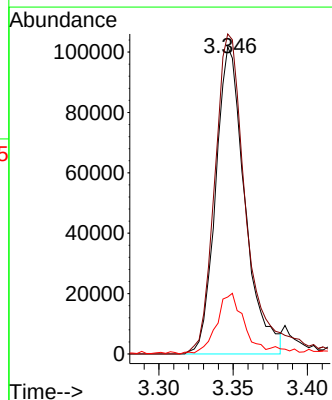
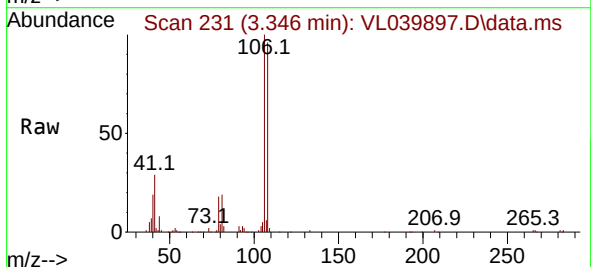
Manual Integrations
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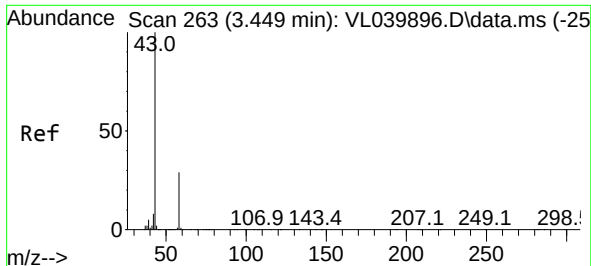
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#14
Bromoethene
Concen: 2.363 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion:108 Resp: 139322
Ion Ratio Lower Upper
108 100
106 115.4 87.3 130.9
79 20.1 15.9 23.9





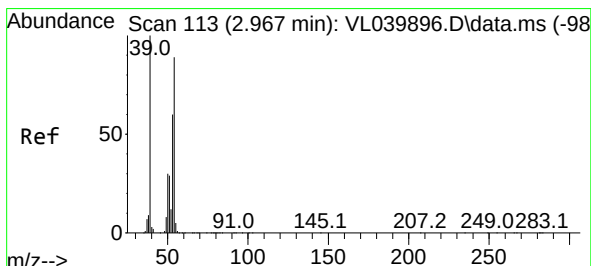
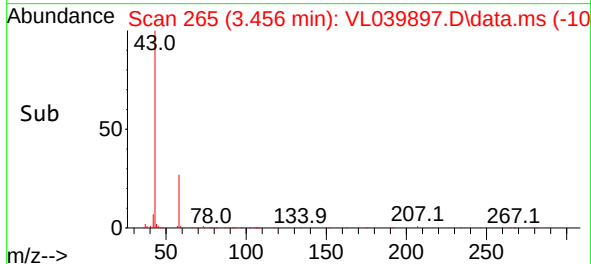
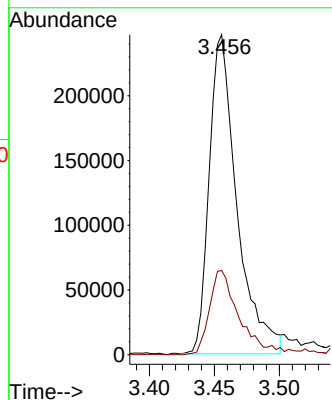
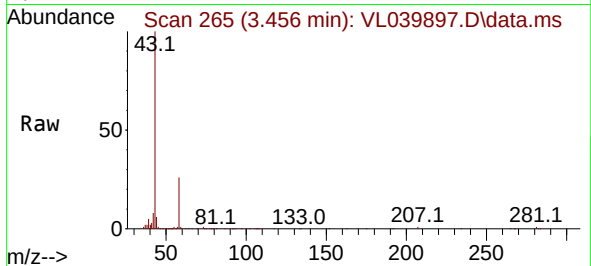
#15
Acetone
Concen: 2.276 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 36691
Ion Ratio Lower Upper
43 100
58 29.4 22.9 34.3

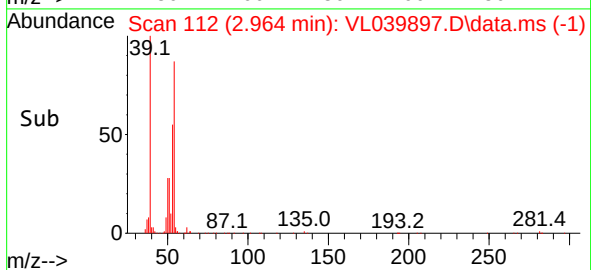
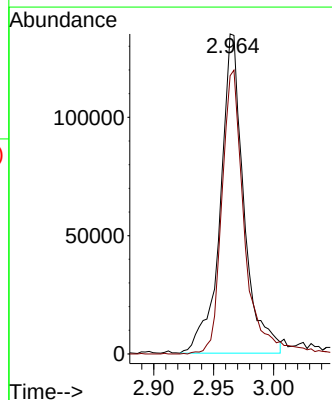
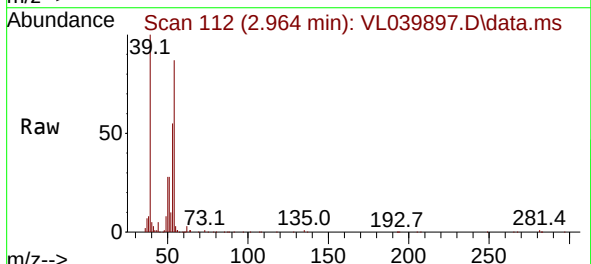
Manual Integrations
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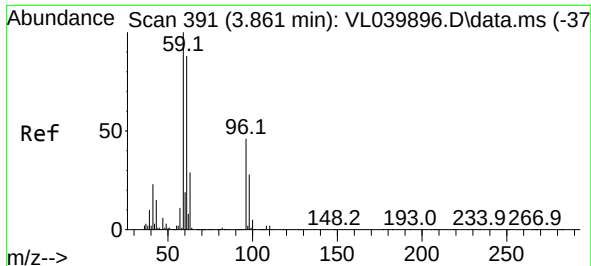
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
1,3-Butadiene
Concen: 2.462 ppbv
RT: 2.964 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion: 39 Resp: 184564
Ion Ratio Lower Upper
39 100
54 85.9 66.6 99.8





#17

tert-Butyl alcohol

Concen: 2.520 ppbv

RT: 3.867 min Scan# 391

Delta R.T. 0.007 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 59 Resp: 386818

Ion Ratio Lower Upper

59 100

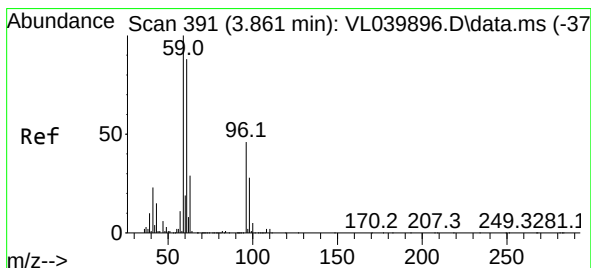
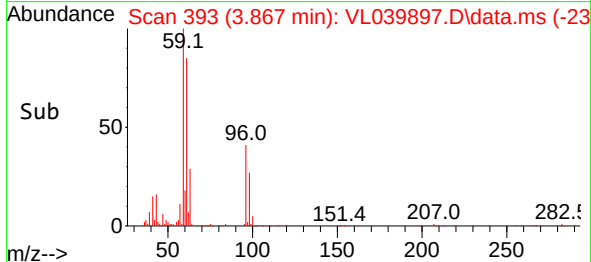
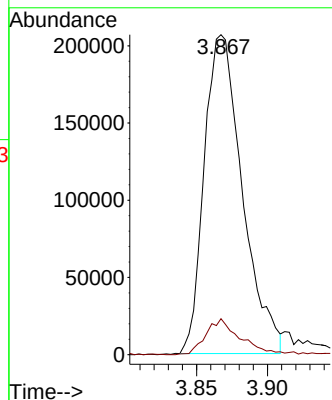
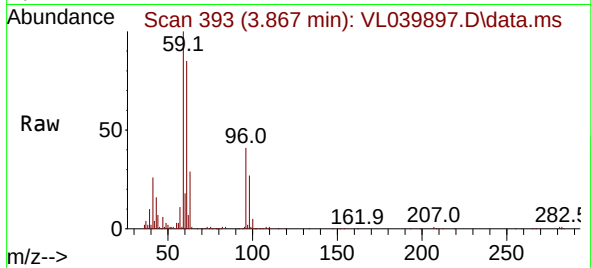
57 10.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#18

1,1-Dichloroethene

Concen: 2.714 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

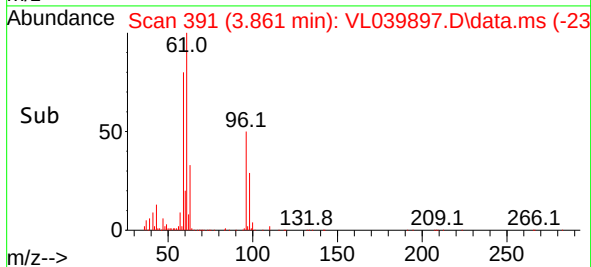
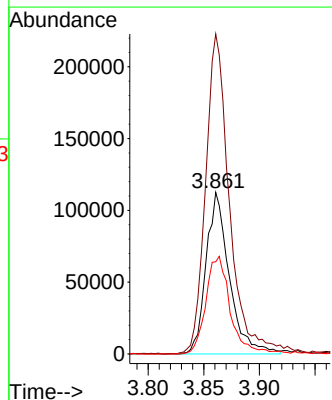
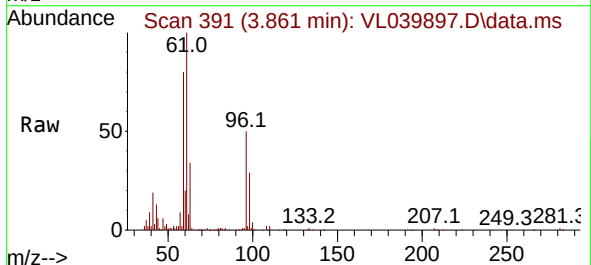
Tgt Ion: 96 Resp: 163854

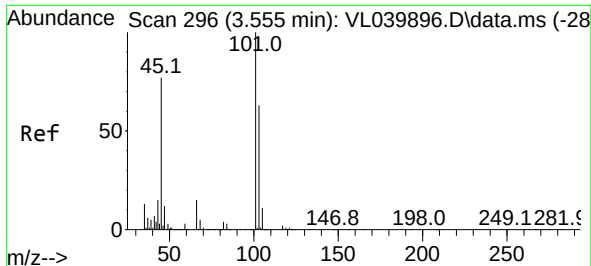
Ion Ratio Lower Upper

96 100

61 197.3 153.4 230.2

98 57.0 48.9 73.3





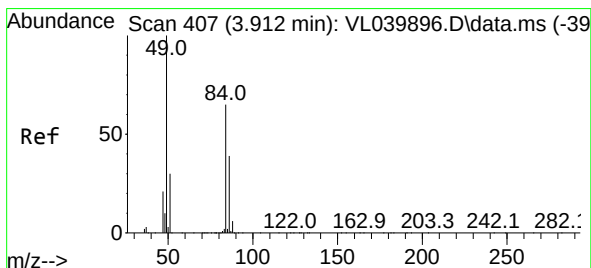
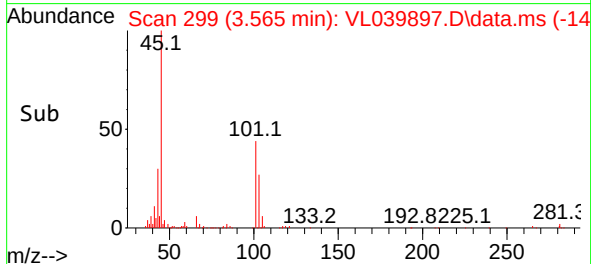
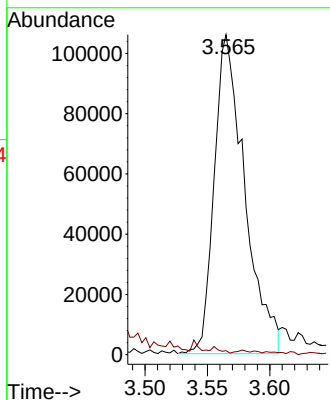
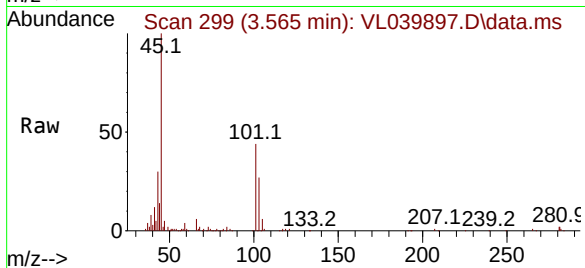
#19
Isopropyl Alcohol
Concen: 2.260 ppbv
RT: 3.565 min Scan# 296
Delta R.T. 0.010 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 180304
Ion Ratio Lower Upper
45 100
58 2.7 38.7 58.1

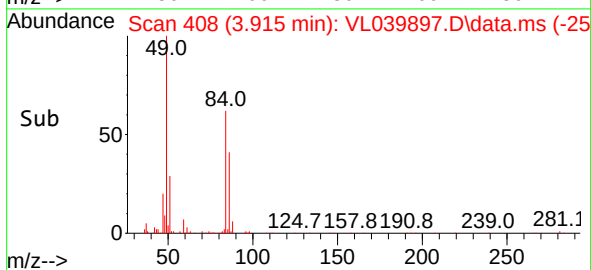
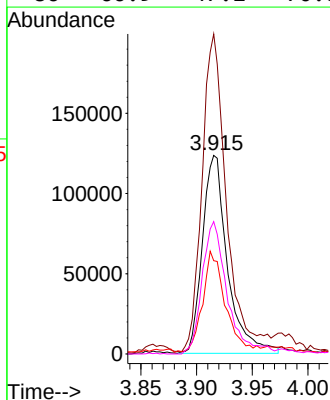
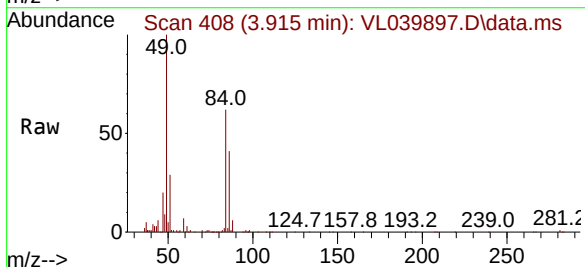
Manual Integrations
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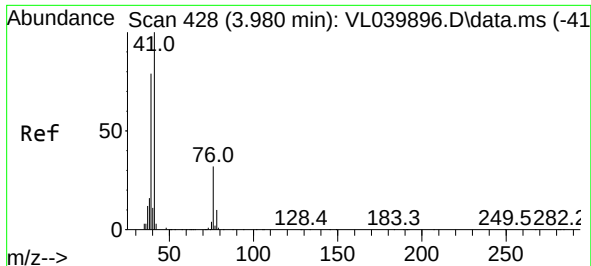
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#20
Methylene Chloride
Concen: 3.353 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion: 84 Resp: 193369
Ion Ratio Lower Upper
84 100
49 160.5 122.2 183.4
51 45.5 36.3 54.5
86 66.9 47.2 70.8





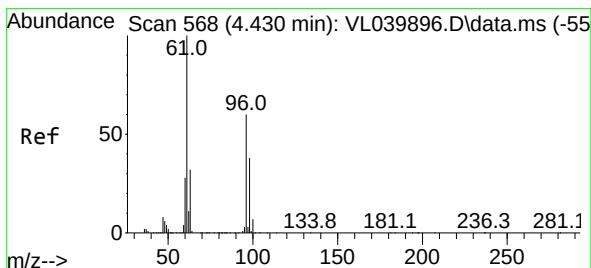
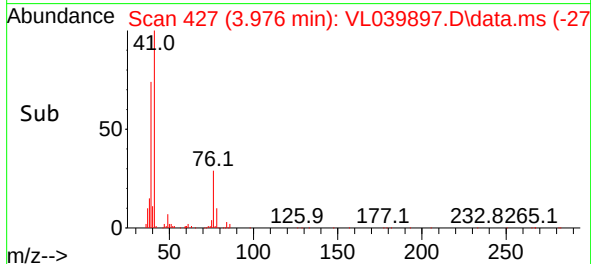
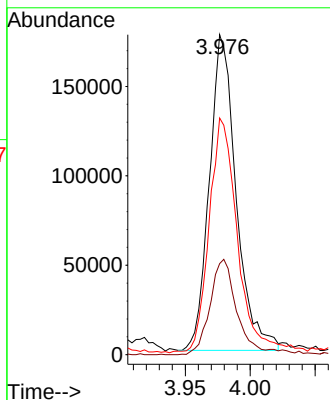
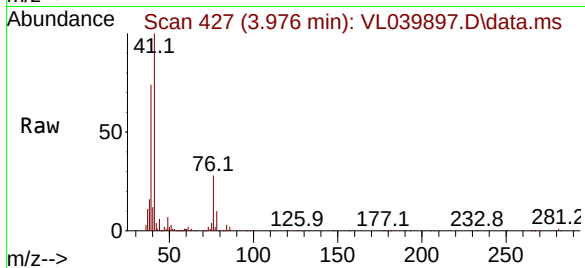
#21
 Allyl Chloride
 Concen: 2.482 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 253079
 Ion Ratio Lower Upper
 41 100
 76 31.4 25.6 38.4
 39 80.8 65.2 97.8

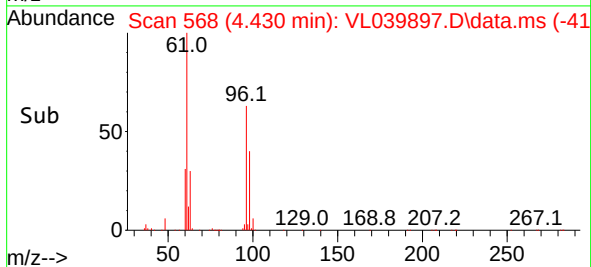
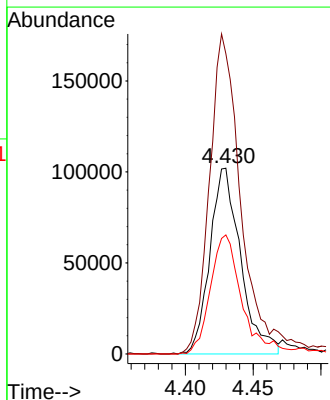
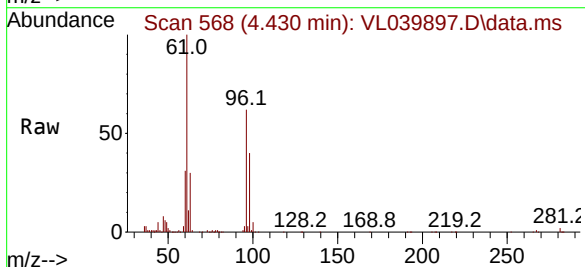
Manual Integrations
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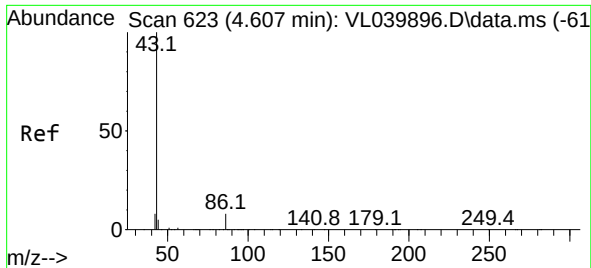
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 2.631 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

Tgt Ion: 96 Resp: 161232
 Ion Ratio Lower Upper
 96 100
 61 161.6 134.1 201.1
 98 64.1 50.4 75.6





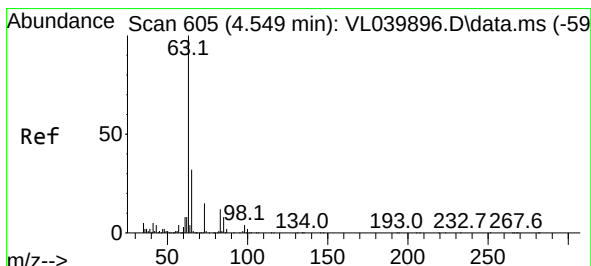
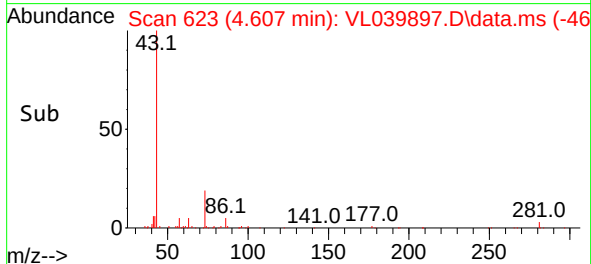
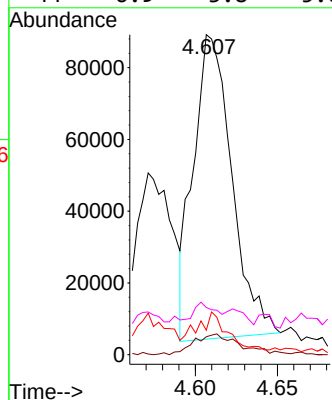
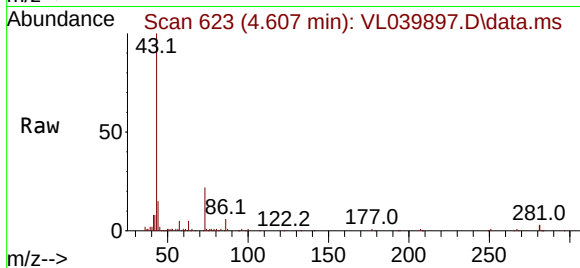
#23
 Vinyl Acetate
 Concen: 2.145 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 43 Resp: 137738
 Ion Ratio Lower Upper
 43 100
 86 5.2 5.0 7.4
 42 6.6 7.6 11.4
 44 6.9 3.8 5.6#

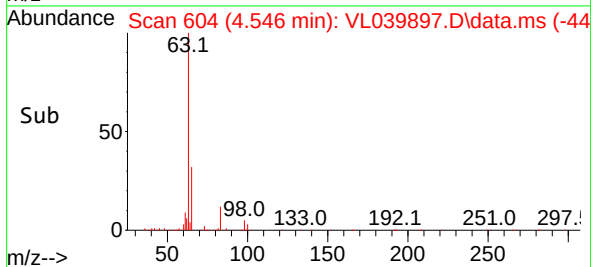
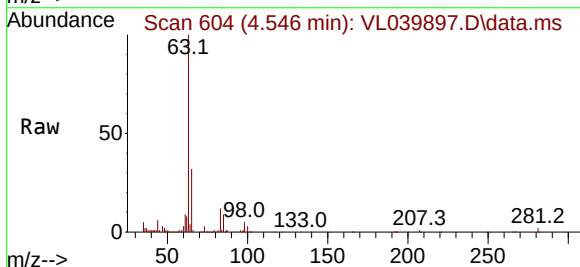
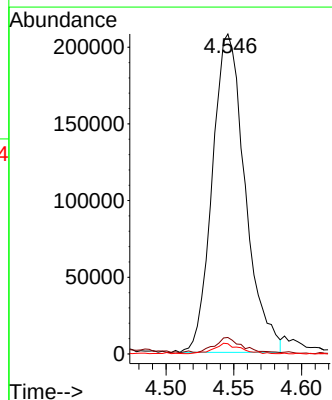
Manual Integrations
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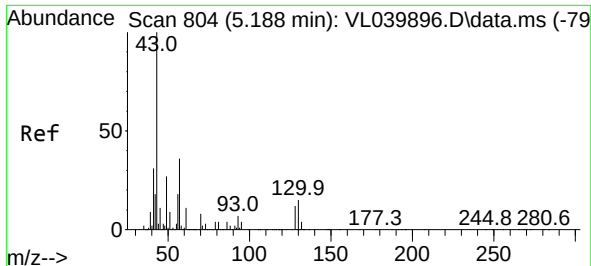
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 2.662 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

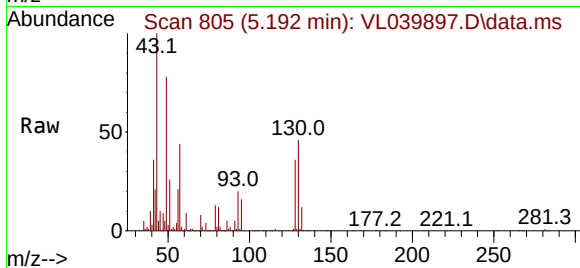
Tgt Ion: 63 Resp: 349126
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.1 6.5
 100 3.2 1.1 3.5





#25
Ethyl Acetate
Concen: 1.947 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

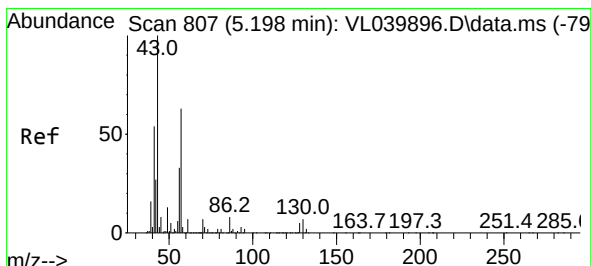
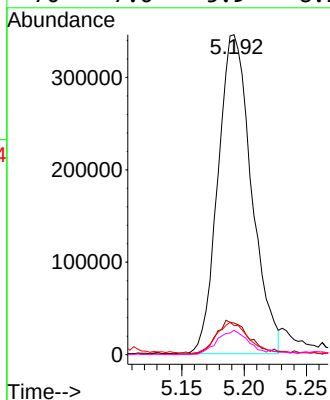
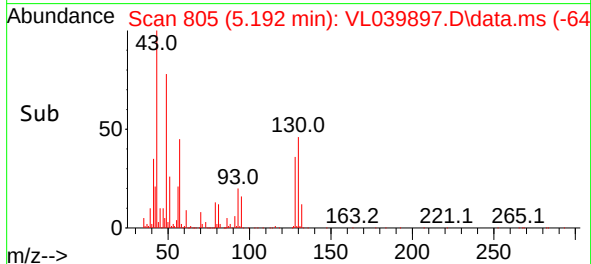
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



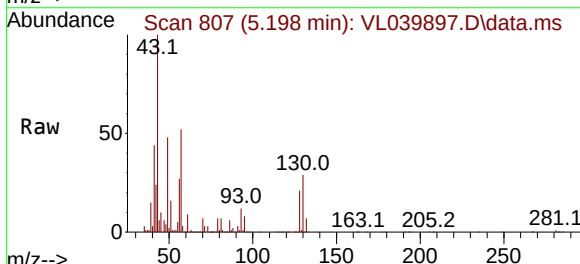
Tgt Ion: 43 Resp: 64657
Ion Ratio Lower Upper
43 100
45 10.8 8.4 12.6
61 10.1 8.5 12.7
70 7.6 5.9 8.9

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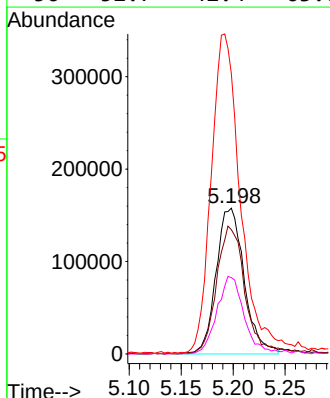
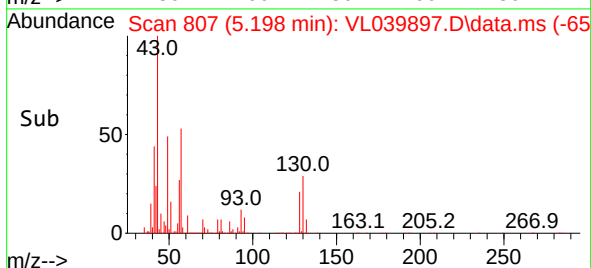
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

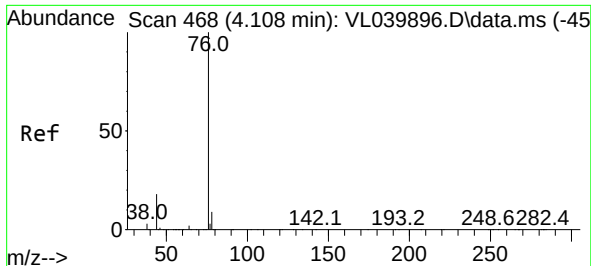


#26
Hexane
Concen: 2.001 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



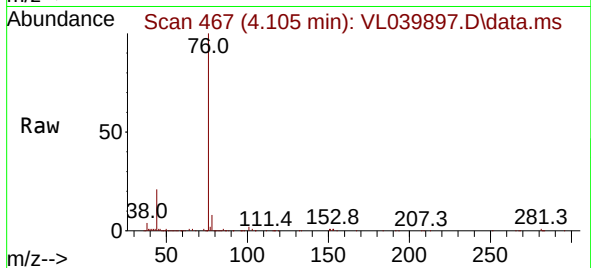
Tgt Ion: 57 Resp: 296243
Ion Ratio Lower Upper
57 100
41 89.9 72.3 108.5
43 235.7 188.7 283.1
56 52.7 42.4 63.6





#27
Carbon Disulfide
Concen: 2.457 ppbv
RT: 4.105 min Scan# 410
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

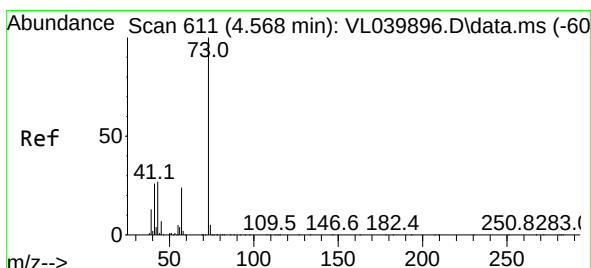
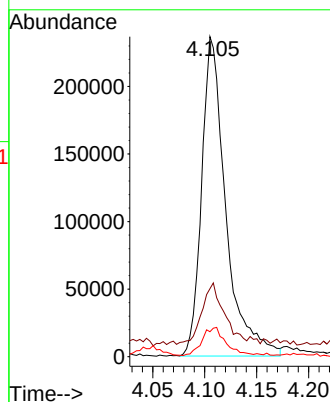
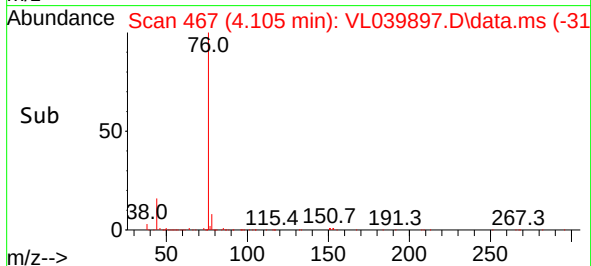
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



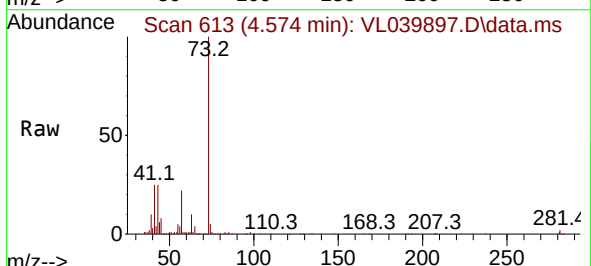
Tgt Ion: 76 Resp: 38190
Ion Ratio Lower Upper
76 100
44 22.6 14.7 22.1
78 9.7 7.8 11.8

Manual Integrations
APPROVED

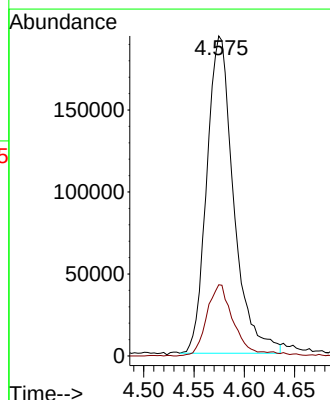
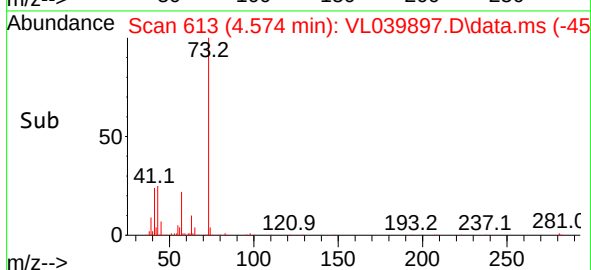
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

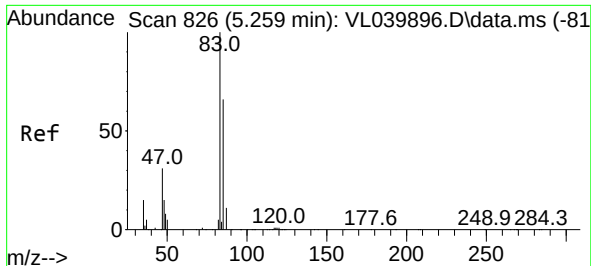


#28
Methyl tert-Butyl Ether
Concen: 2.689 ppbv
RT: 4.574 min Scan# 613
Delta R.T. 0.007 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



Tgt Ion: 73 Resp: 360348
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3





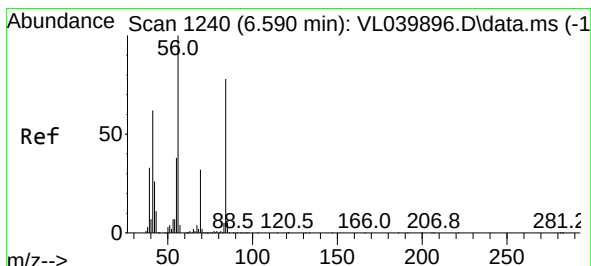
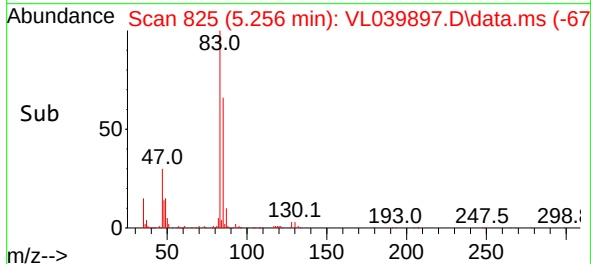
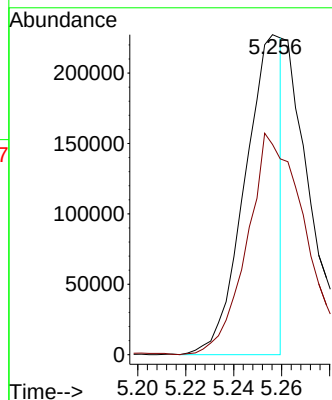
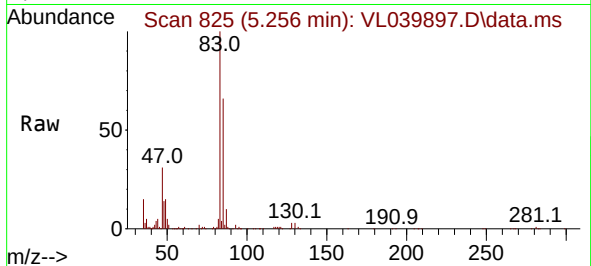
#29
Chloroform
Concen: 1.169 ppbv
RT: 5.256 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 83 Resp: 24324
Ion Ratio Lower Upper
83 100
85 65.6 52.4 78.6

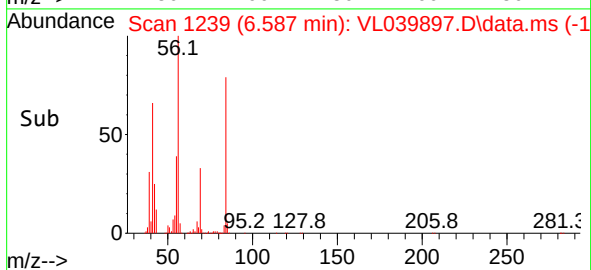
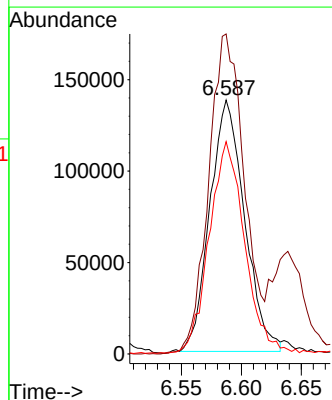
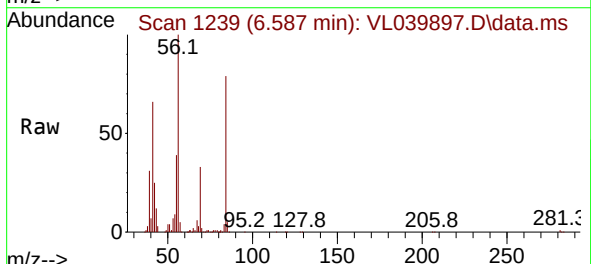
Manual Integrations
APPROVED

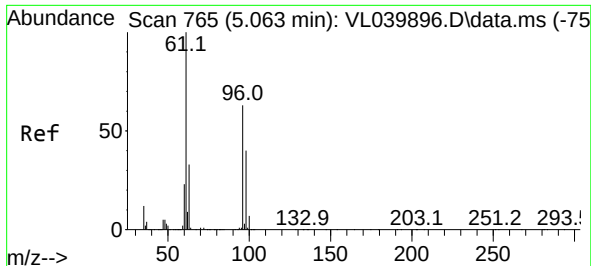
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#30
Cyclohexane
Concen: 2.237 ppbv
RT: 6.587 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

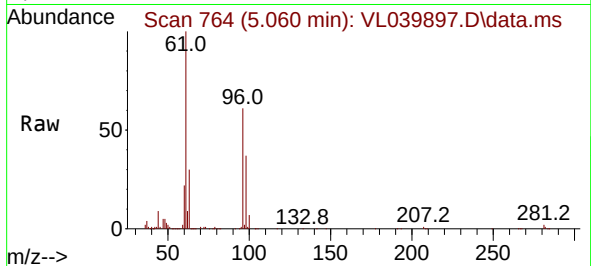
Tgt Ion: 84 Resp: 276916
Ion Ratio Lower Upper
84 100
56 136.8 112.5 168.7
41 86.6 67.8 101.8





#31
cis-1,2-Dichloroethene
Concen: 1.919 ppbv
RT: 5.060 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

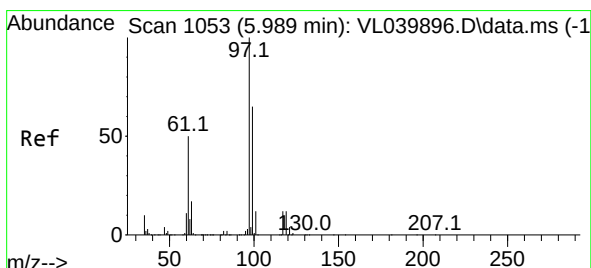
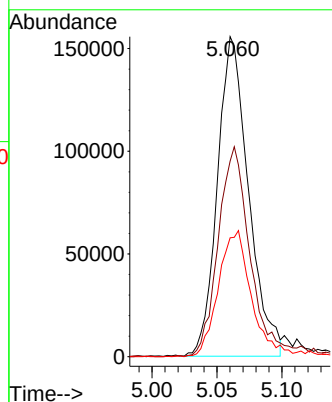
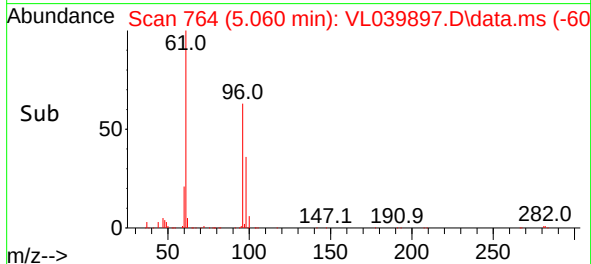
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 61 Resp: 259018
Ion Ratio Lower Upper
61 100
96 60.8 50.3 75.5
98 37.0 32.2 48.2

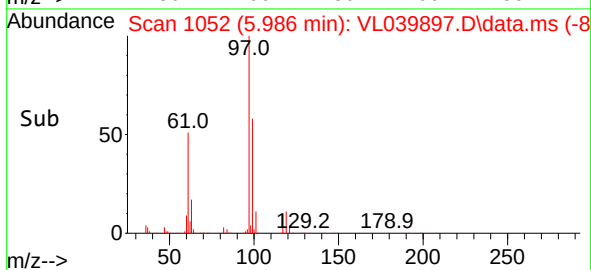
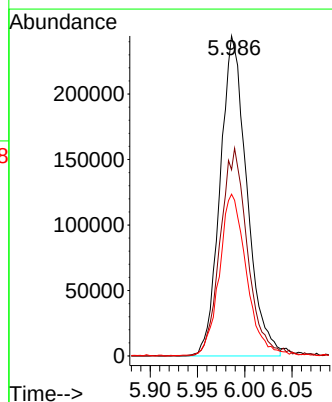
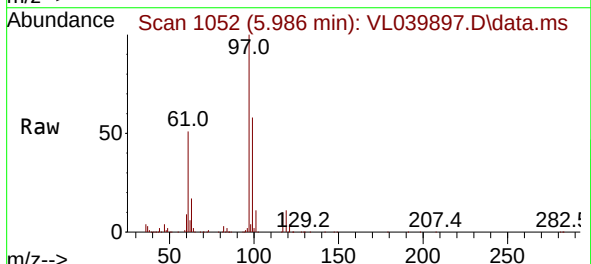
Manual Integrations
APPROVED

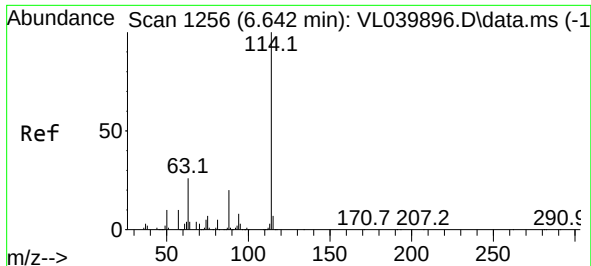
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#32
1,1,1-Trichloroethane
Concen: 2.315 ppbv
RT: 5.986 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion: 97 Resp: 479675
Ion Ratio Lower Upper
97 100
99 66.9 51.4 77.0
61 52.2 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: VL039897.D

Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:114 Resp: 3964819

Ion Ratio Lower Upper

114 100

63 26.2 21.4 32.0

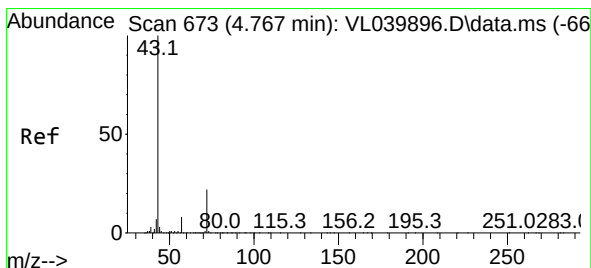
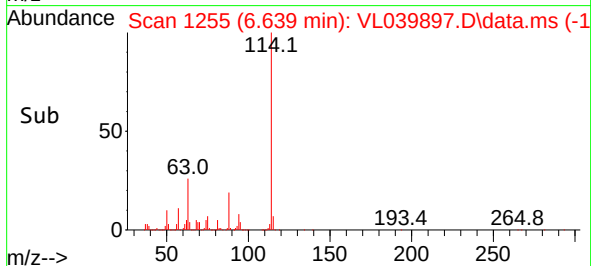
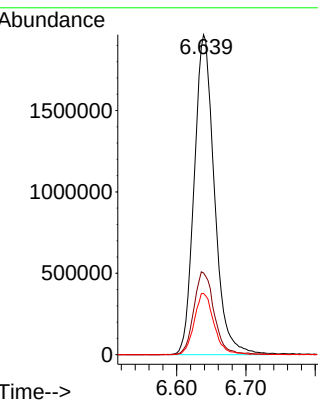
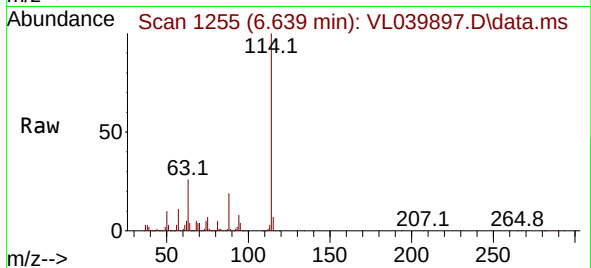
88 18.9 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#34

2-Butanone

Concen: 2.446 ppbv

RT: 4.777 min Scan# 676

Delta R.T. 0.010 min

Lab File: VL039897.D

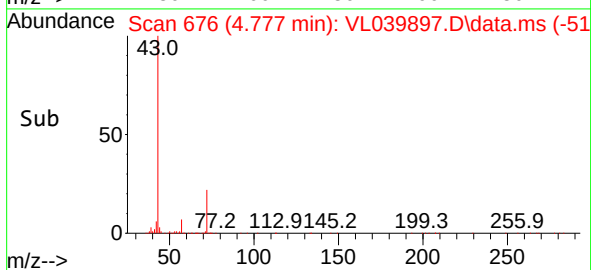
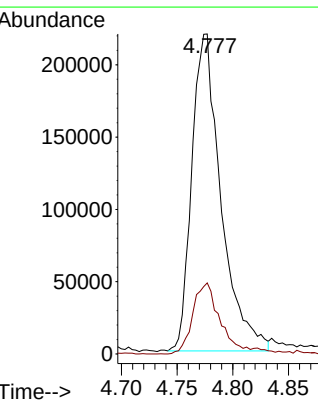
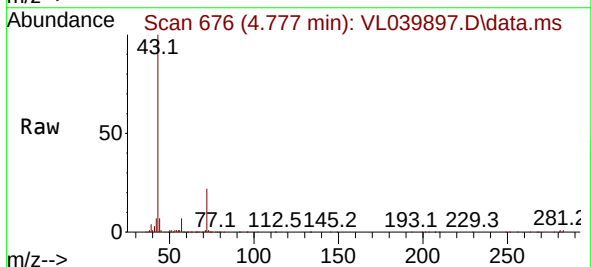
Acq: 18 Nov 2022 9:26

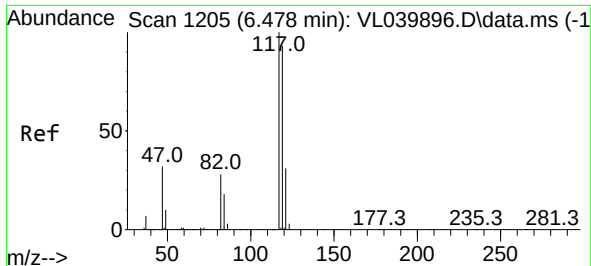
Tgt Ion: 43 Resp: 400158

Ion Ratio Lower Upper

43 100

72 22.0 17.4 26.2





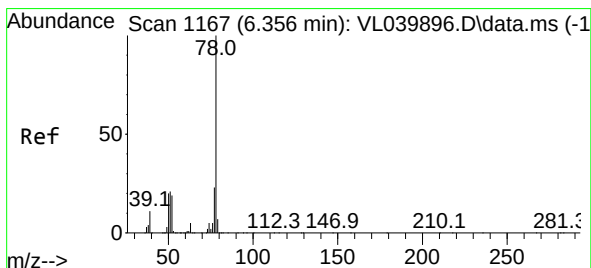
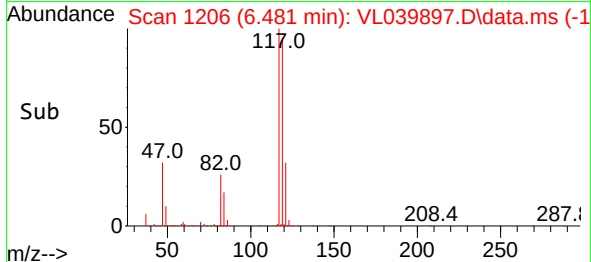
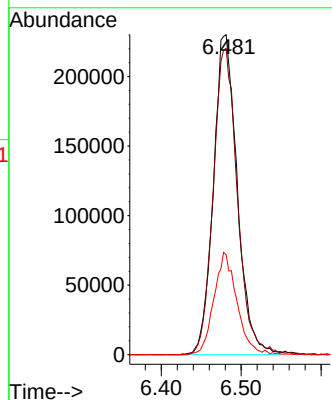
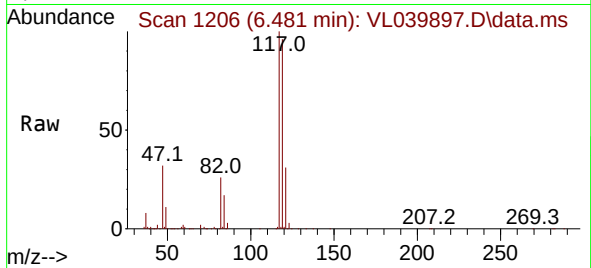
#35
Carbon Tetrachloride
Concen: 2.055 ppbv
RT: 6.481 min Scan# 1120
Delta R.T. 0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 47496
Ion Ratio Lower Upper
117 100
119 95.7 74.7 112.1
121 31.2 24.5 36.7

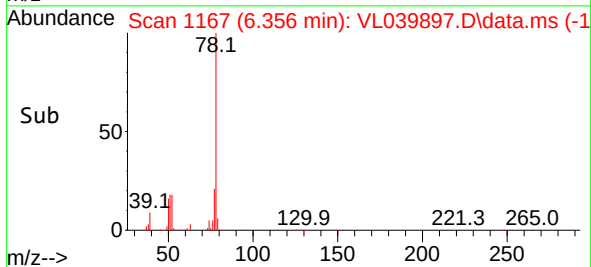
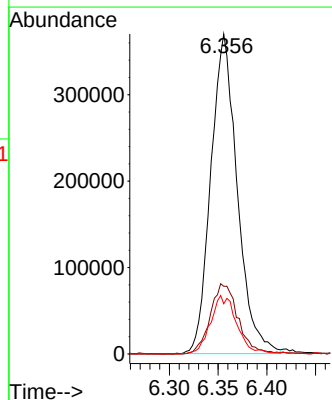
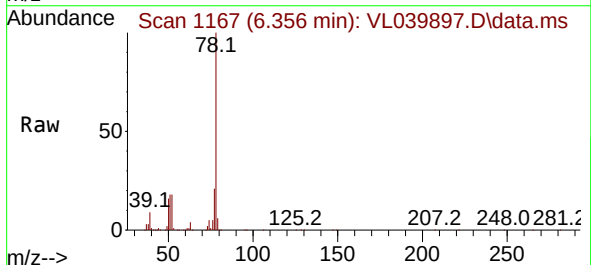
Manual Integrations
APPROVED

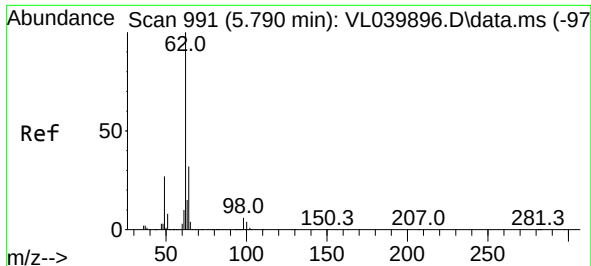
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#36
Benzene
Concen: 2.088 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion: 78 Resp: 698453
Ion Ratio Lower Upper
78 100
77 21.2 18.2 27.2
50 15.7 15.8 23.8#





#37

1,2-Dichloroethane

Concen: 2.346 ppbv m

RT: 5.787 min Scan# 991

Delta R.T. -0.003 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 62 Resp: 37639

Ion Ratio Lower Upper

62 100

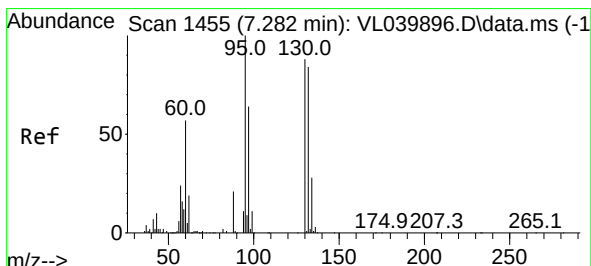
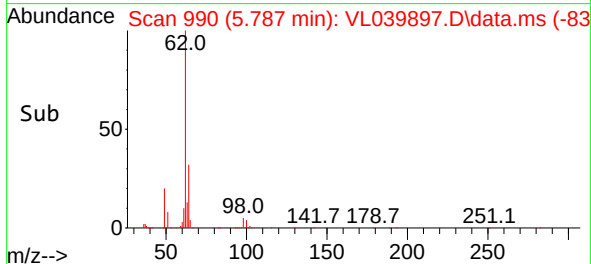
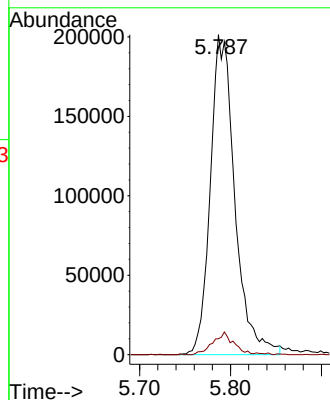
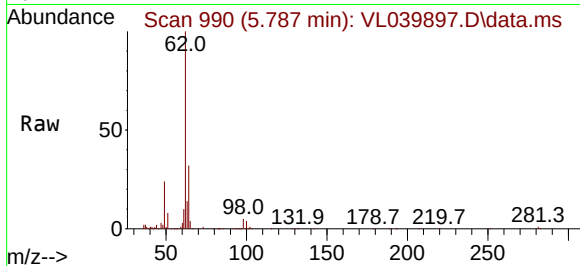
98 0.0 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#38

Trichloroethene

Concen: 2.094 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. -0.003 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Tgt Ion:130 Resp: 374851

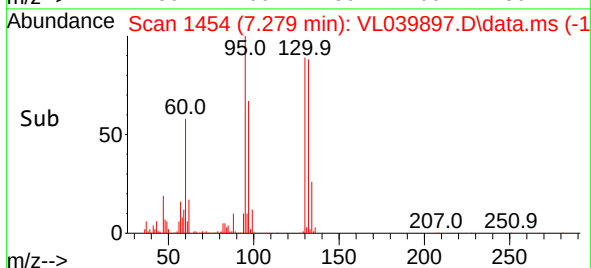
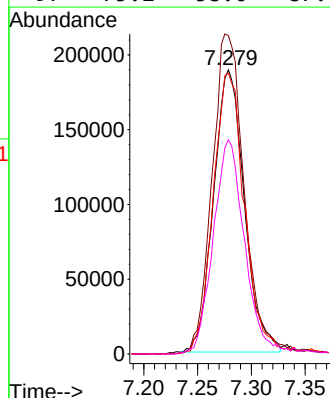
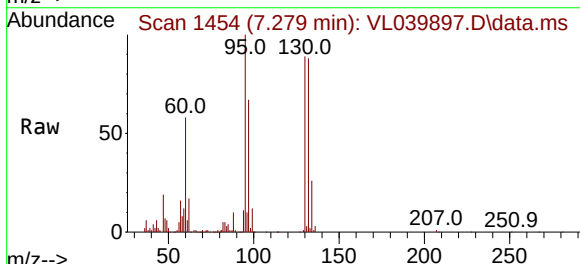
Ion Ratio Lower Upper

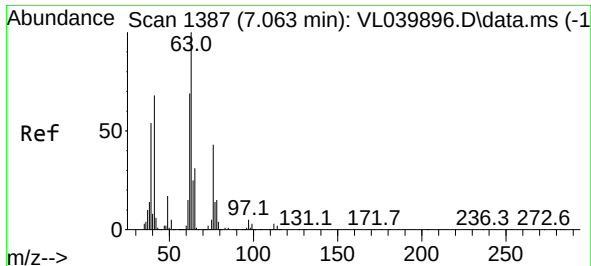
130 100

95 112.3 90.6 135.8

132 99.3 76.2 114.4

97 75.2 58.0 87.0





#39

1,2-Dichloropropane

Concen: 2.055 ppbv

RT: 7.060 min Scan# 1387

Delta R.T. -0.003 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

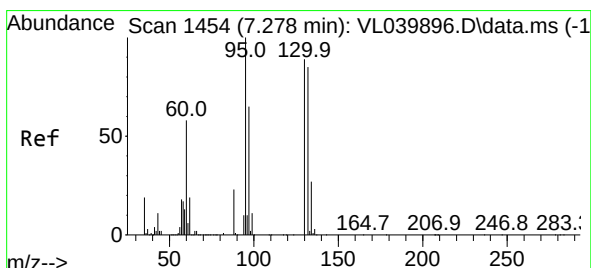
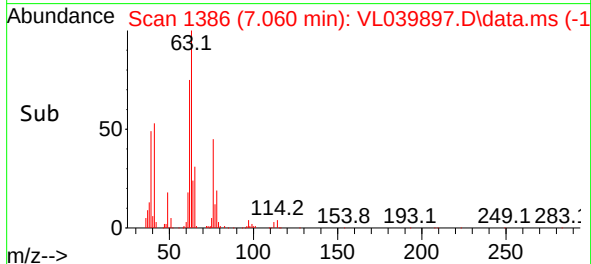
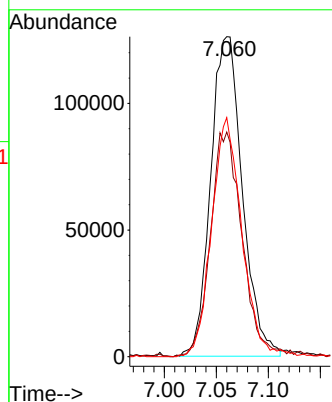
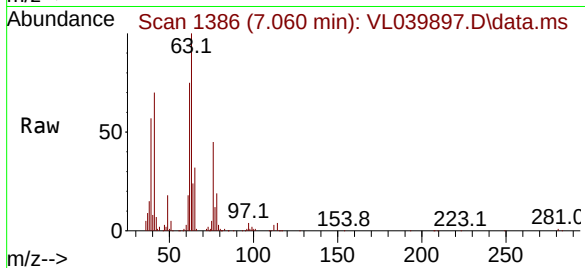
Tgt Ion: 63 Resp: 26772

Ion	Ratio	Lower	Upper
63	100		
41	69.9	54.7	82.1
62	74.3	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: 2.084 ppbv m

RT: 7.291 min Scan# 1458

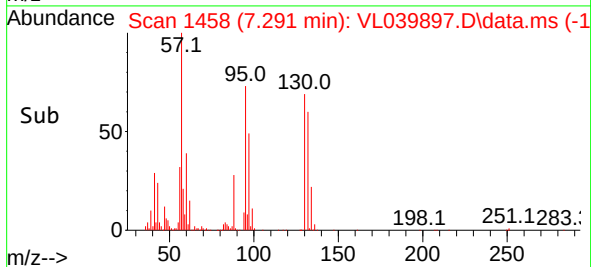
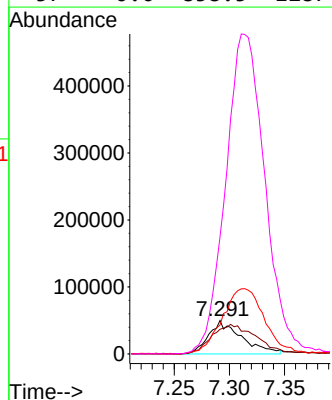
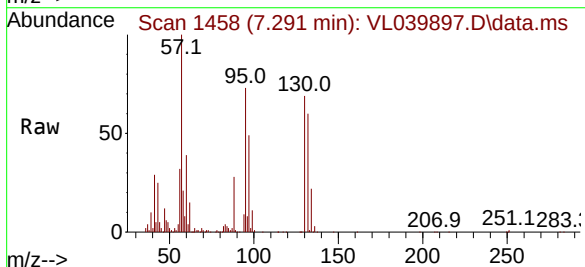
Delta R.T. 0.013 min

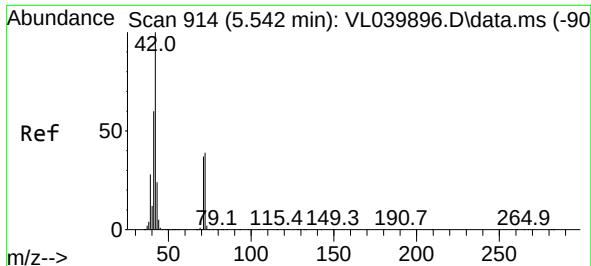
Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Tgt Ion: 88 Resp: 103998

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: 1.949 ppbv

RT: 5.555 min Scan# 914

Delta R.T. 0.013 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 42 Resp: 26636

Ion Ratio Lower Upper

42 100

72 42.7 31.6 47.4

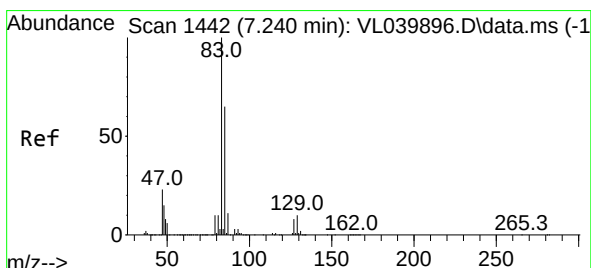
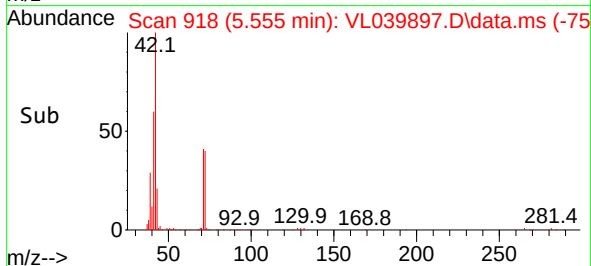
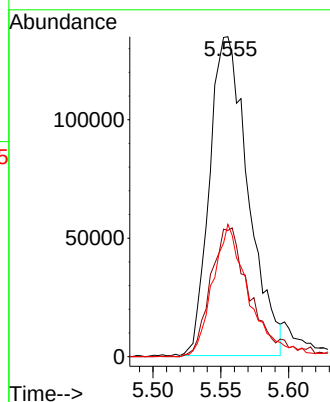
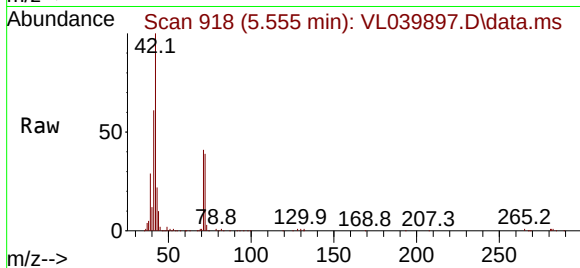
71 40.6 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#42

Bromodichloromethane

Concen: 2.010 ppbv

RT: 7.237 min Scan# 1441

Delta R.T. -0.003 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

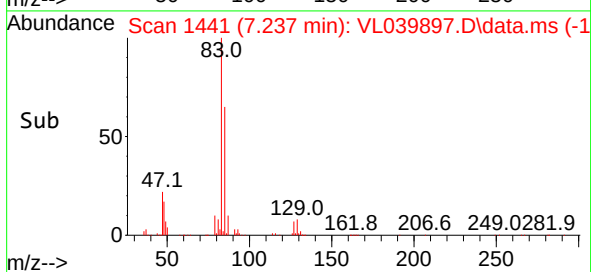
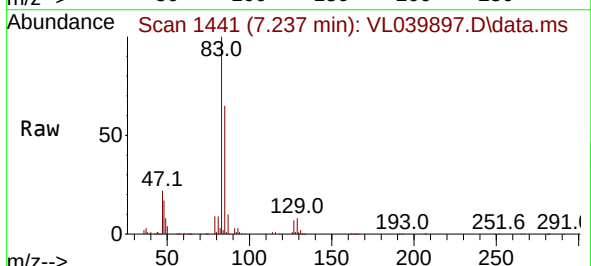
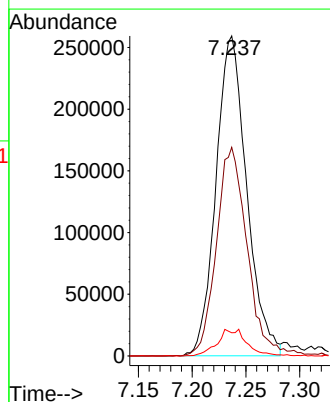
Tgt Ion: 83 Resp: 515200

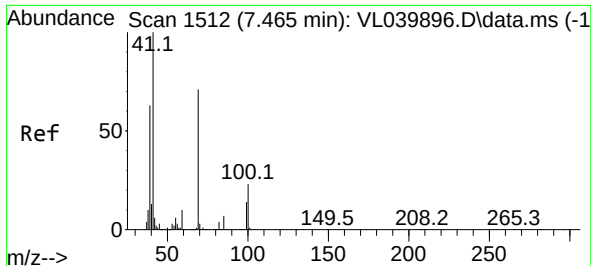
Ion Ratio Lower Upper

83 100

85 65.2 52.0 78.0

127 7.2 6.5 9.7





#43
Methyl Methacrylate
Concen: 2.056 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

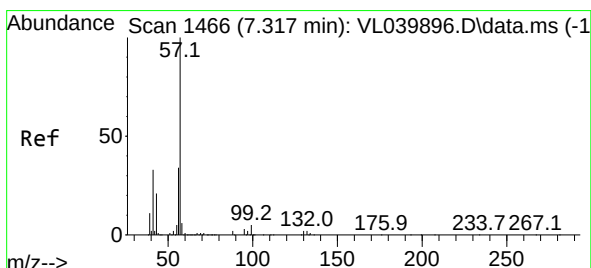
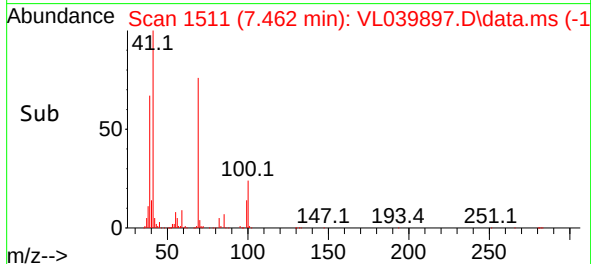
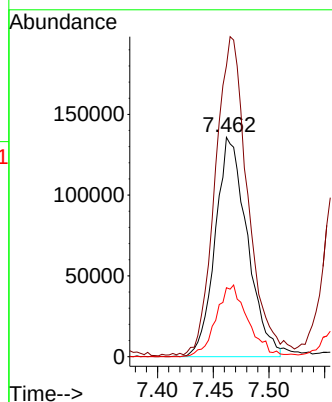
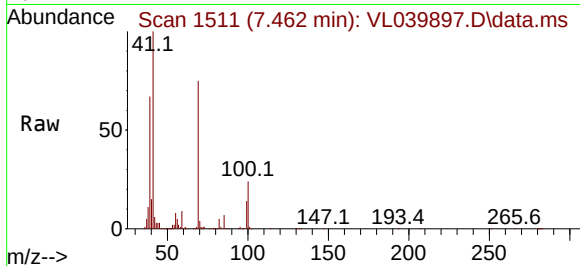
VSTDICC002

Tgt Ion: 69 Resp: 271693
Ion Ratio Lower Upper
69 100
41 148.0 116.4 174.6
100 33.0 26.8 40.2

Manual Integrations

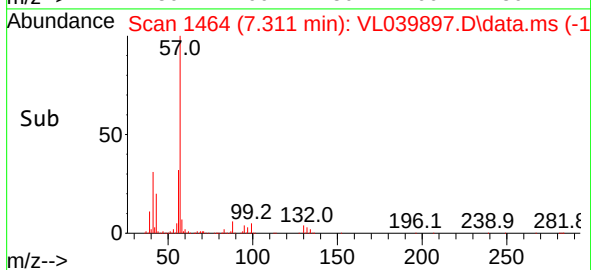
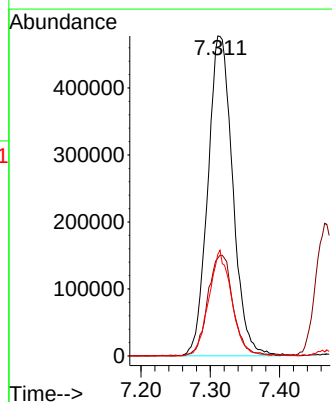
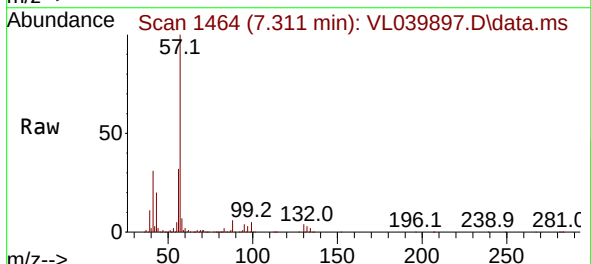
APPROVED

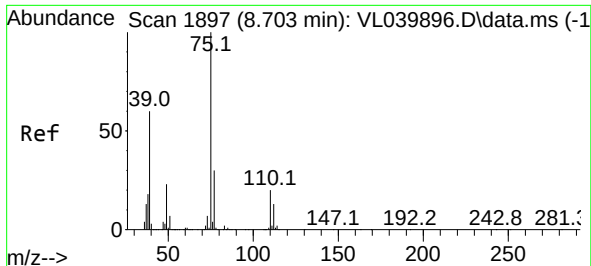
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#44
2,2,4-Trimethylpentane
Concen: 2.102 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion: 57 Resp: 1186385
Ion Ratio Lower Upper
57 100
41 32.2 26.2 39.2
56 30.7 25.5 38.3





#45
t-1,3-Dichloropropene
Concen: 1.908 ppbv
RT: 8.700 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

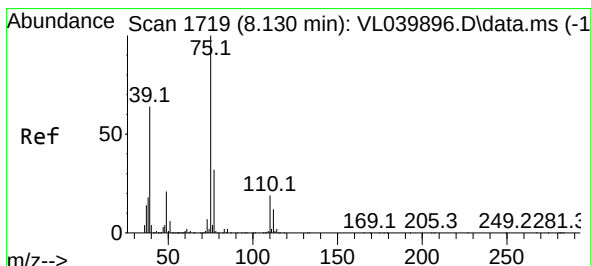
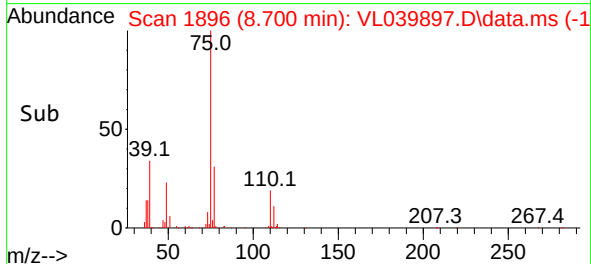
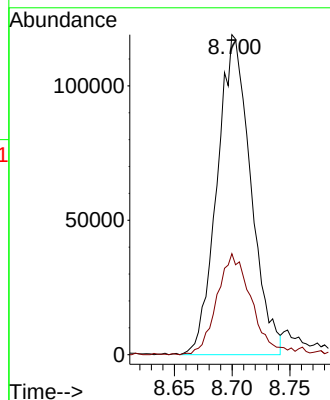
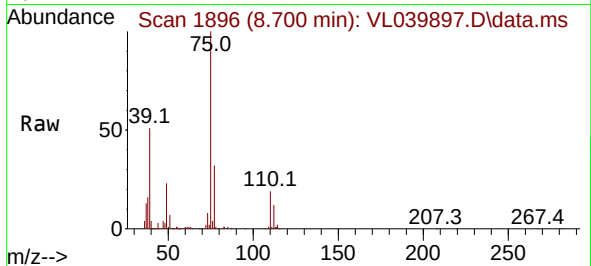
VSTDICC002

Tgt Ion: 75 Resp: 24156
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4

Manual Integrations

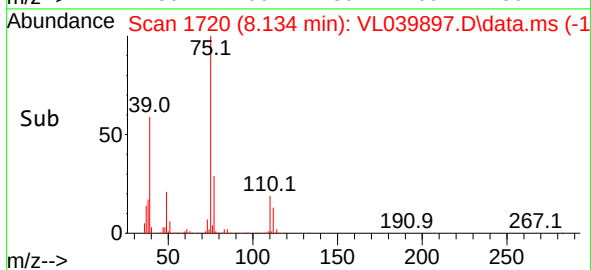
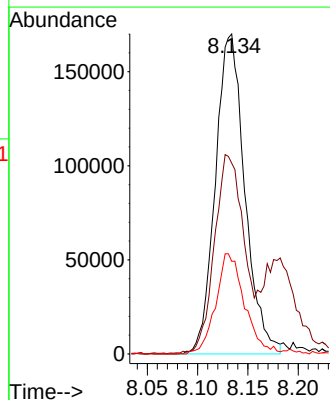
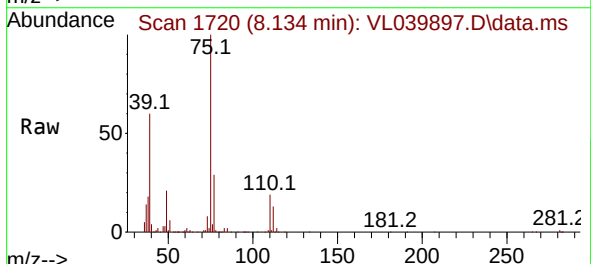
APPROVED

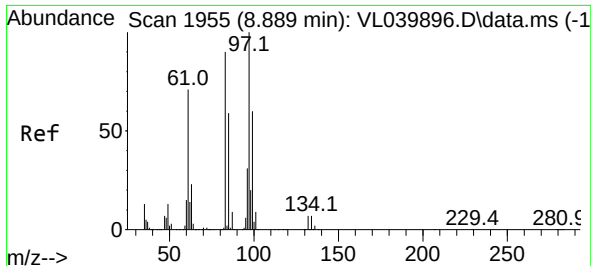
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#46
cis-1,3-Dichloropropene
Concen: 2.006 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

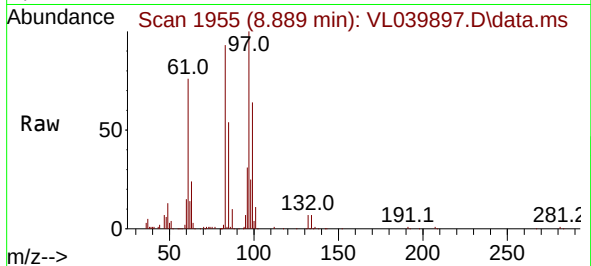
Tgt Ion: 75 Resp: 346622
Ion Ratio Lower Upper
75 100
39 59.3 51.0 76.4
77 28.8 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 2.077 ppbv
RT: 8.889 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

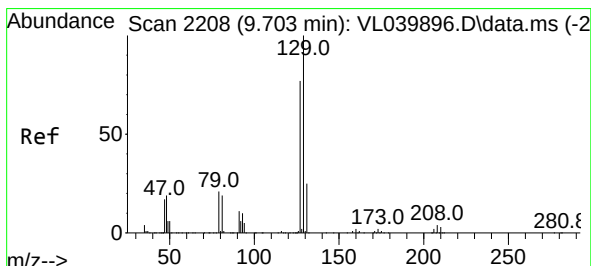
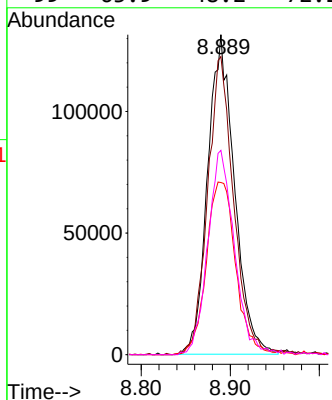
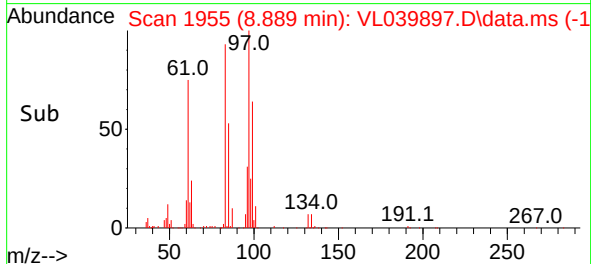
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



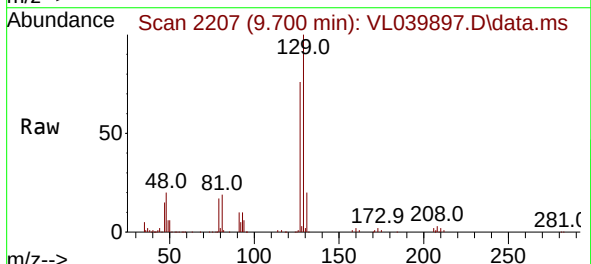
Tgt Ion: 97 Resp: 274080
Ion Ratio Lower Upper
97 100
83 93.1 72.1 108.1
85 53.5 47.2 70.8
99 63.9 48.2 72.2

Manual Integrations
APPROVED

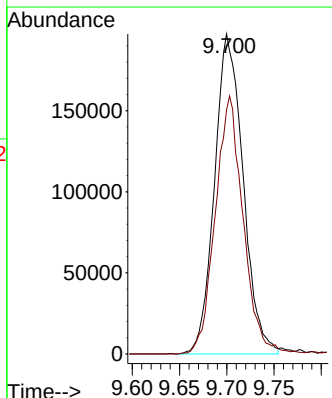
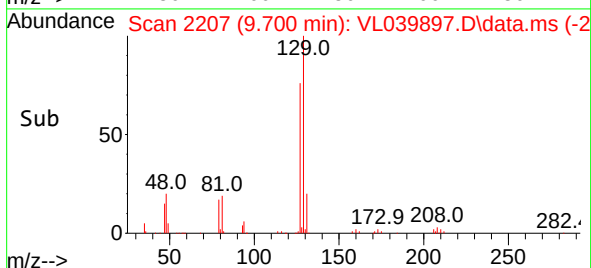
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

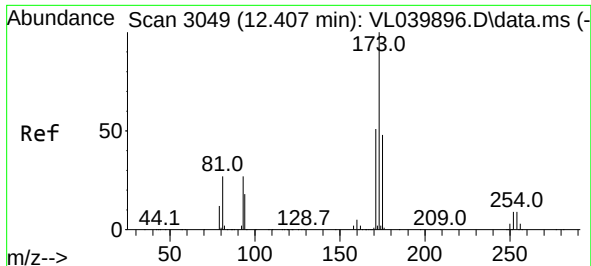


#48
Dibromochloromethane
Concen: 1.845 ppbv
RT: 9.700 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



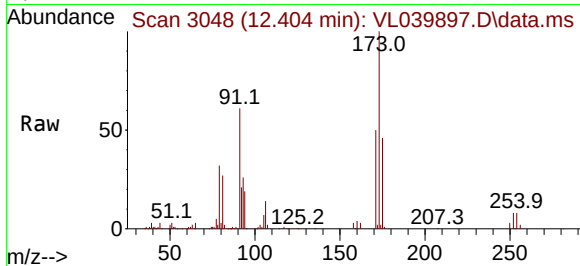
Tgt Ion:129 Resp: 414749
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.3





#49
Bromoform
Concen: 1.838 ppbv
RT: 12.404 min Scan# 3049
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

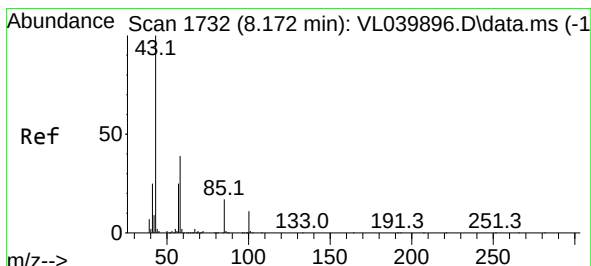
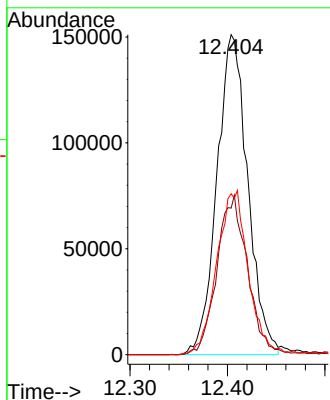
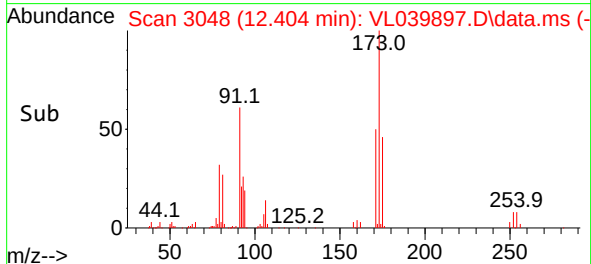
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:173 Resp: 332124
Ion Ratio Lower Upper
173 100
175 50.0 39.1 58.7
171 52.3 41.8 62.8

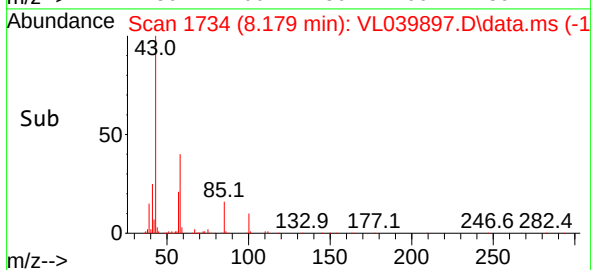
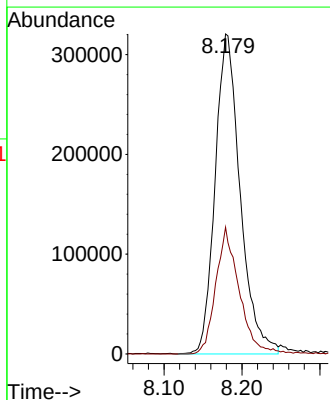
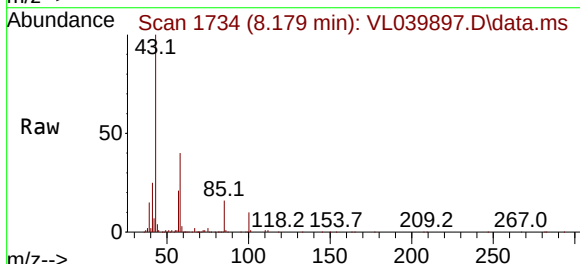
Manual Integrations
APPROVED

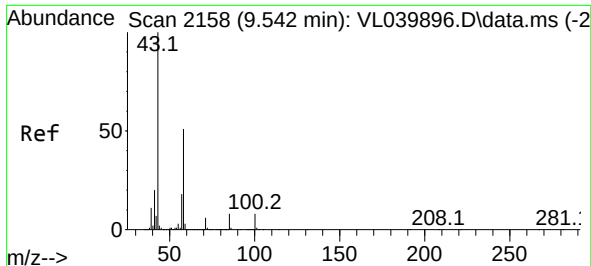
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#50
4-Methyl-2-Pentanone
Concen: 2.143 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

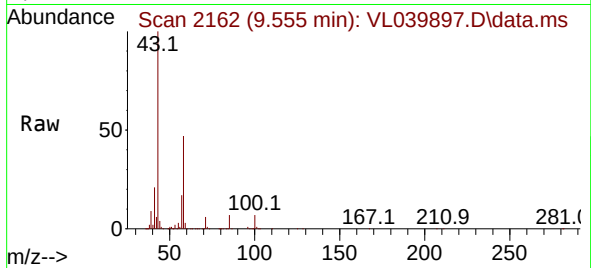
Tgt Ion: 43 Resp: 717725
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6





#51
2-Hexanone
Concen: 2.096 ppbv
RT: 9.555 min Scan# 2158
Delta R.T. 0.013 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

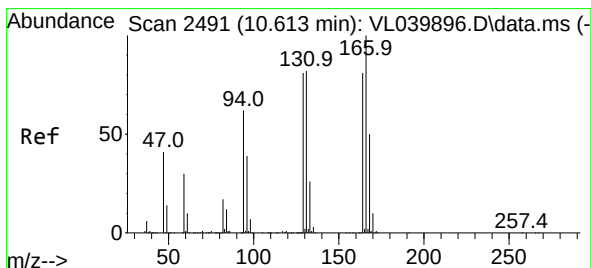
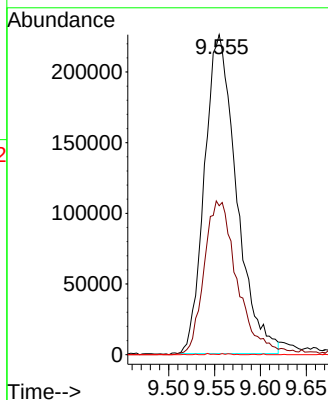
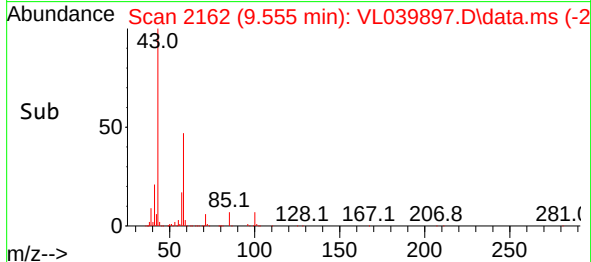
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



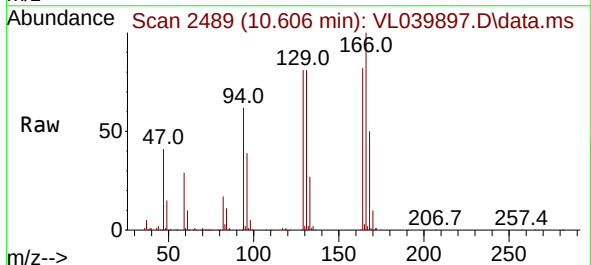
Tgt Ion: 43 Resp: 547160
Ion Ratio Lower Upper
43 100
58 50.8 40.2 60.4
98 0.2 0.1 0.1

Manual Integrations
APPROVED

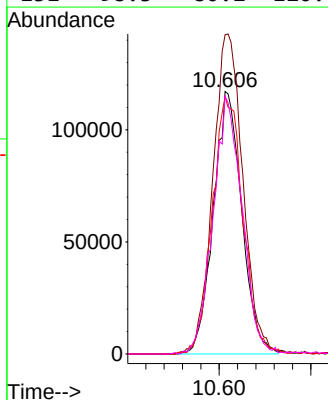
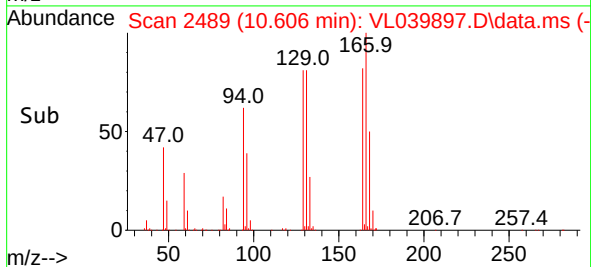
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

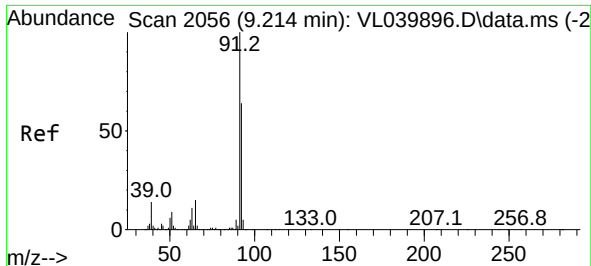


#52
Tetrachloroethene
Concen: 2.009 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.006 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



Tgt Ion:164 Resp: 251755
Ion Ratio Lower Upper
164 100
166 121.3 98.3 147.5
129 97.4 79.7 119.5
131 98.3 80.2 120.4





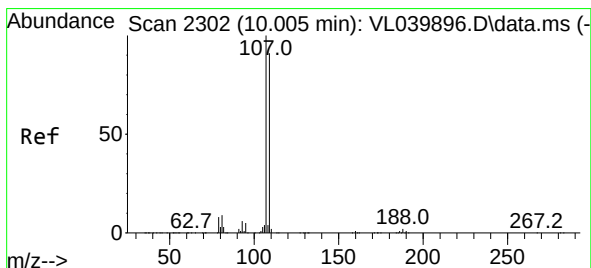
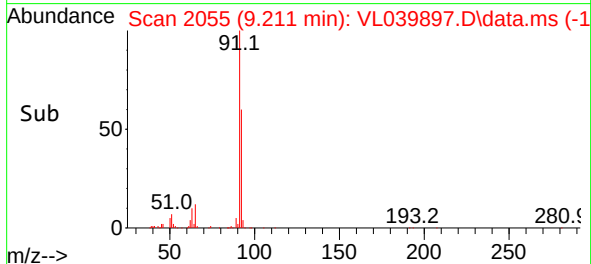
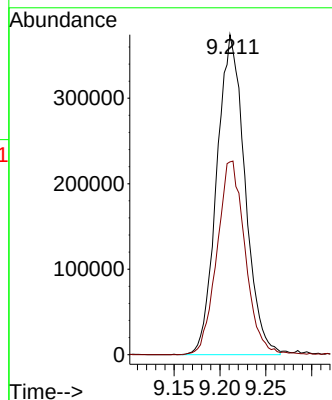
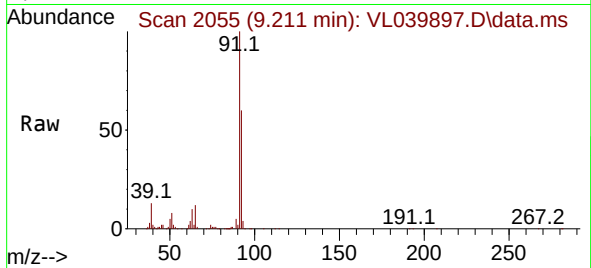
#53
Toluene
Concen: 2.084 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 91 Resp: 79978
Ion Ratio Lower Upper
91 100
92 60.9 49.8 74.6

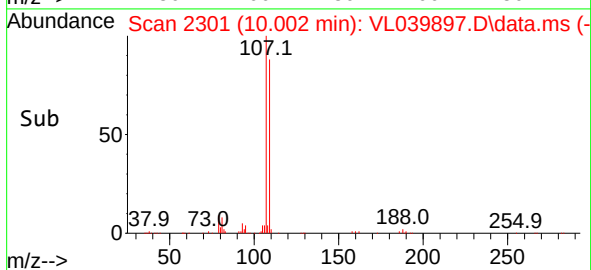
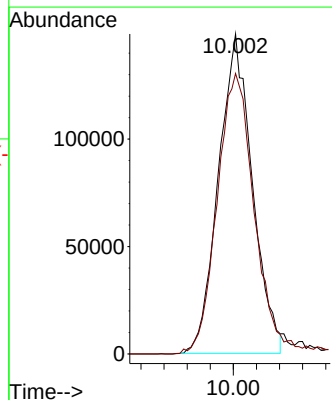
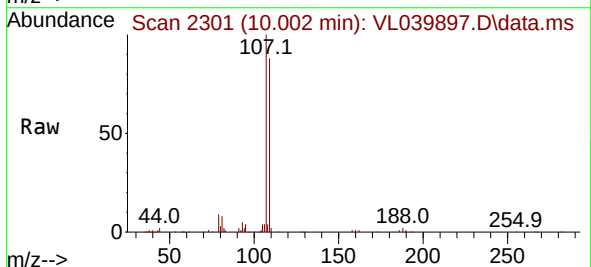
Manual Integrations
APPROVED

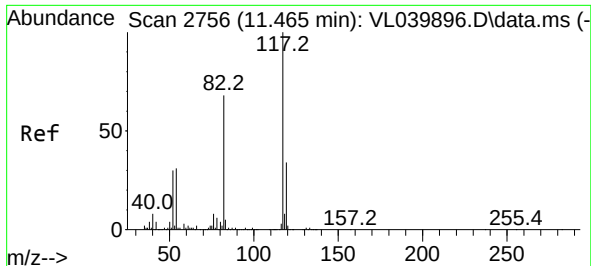
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#54
1,2-Dibromoethane
Concen: 2.064 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

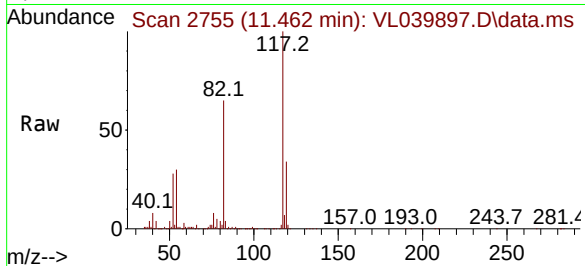
Tgt Ion:107 Resp: 302253
Ion Ratio Lower Upper
107 100
109 87.7 72.8 109.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

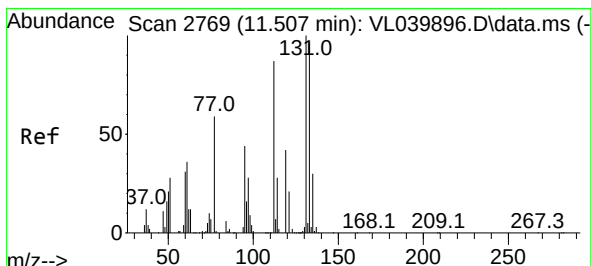
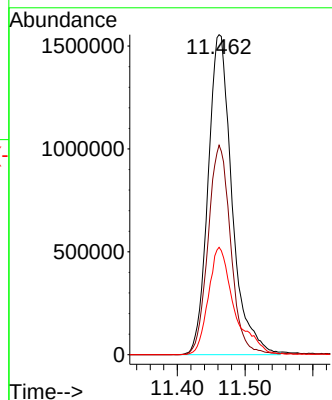
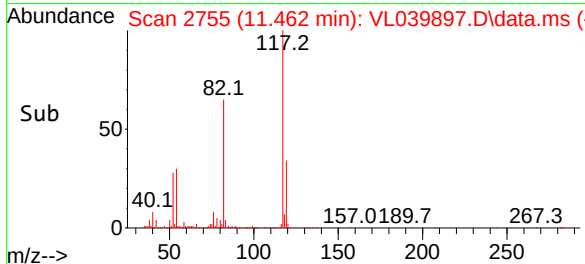
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



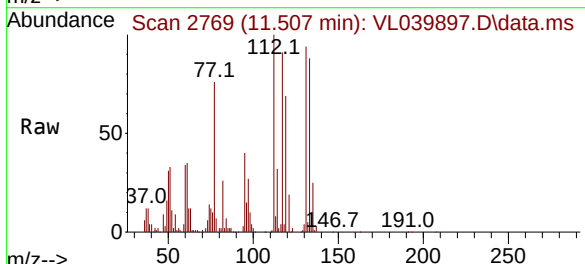
Tgt Ion:117 Resp: 380855
Ion Ratio Lower Upper
117 100
82 63.0 52.3 78.5
119 36.8 25.7 38.5

Manual Integrations
APPROVED

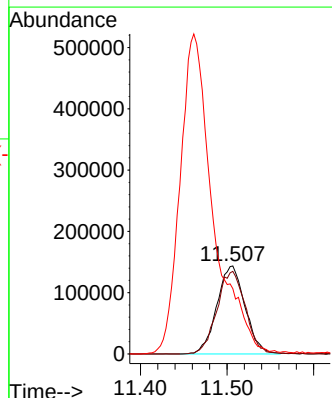
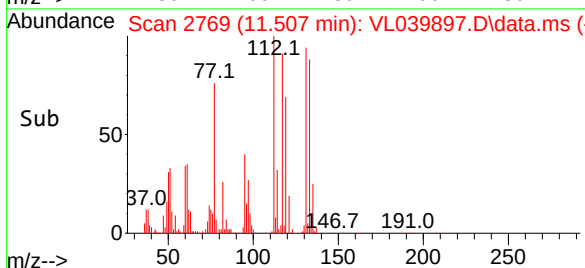
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

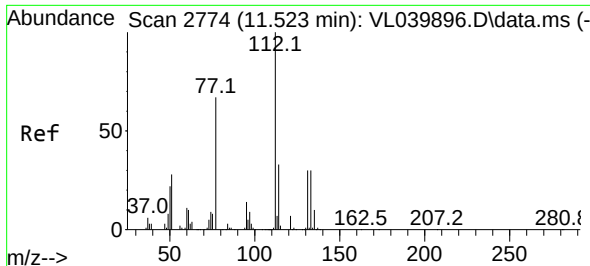


#56
1,1,1,2-Tetrachloroethane
Concen: 1.988 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



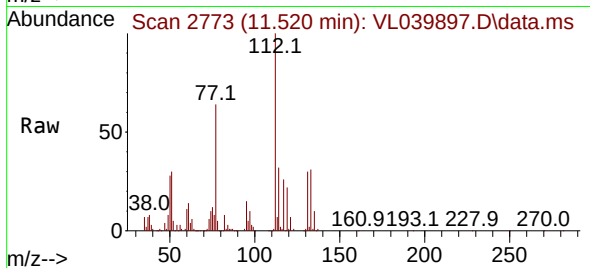
Tgt Ion:131 Resp: 323678
Ion Ratio Lower Upper
131 100
133 95.3 76.7 115.1
119 430.0 46.6 69.8#





#57
Chlorobenzene
Concen: 2.069 ppbv
RT: 11.520 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

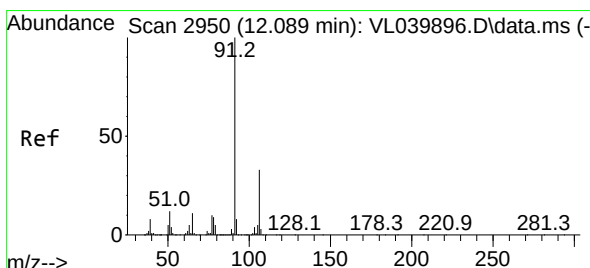
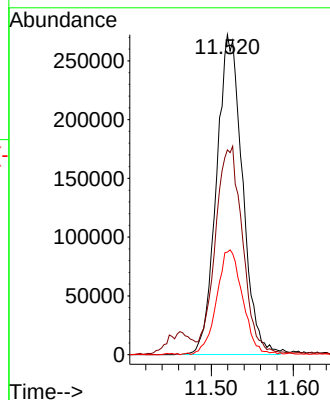
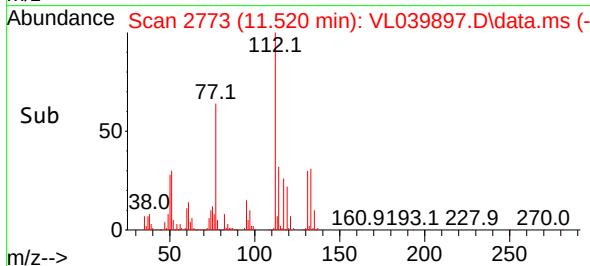
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:112 Resp: 59781
Ion Ratio Lower Upper
112 100
77 63.2 54.6 81.8
114 32.1 30.1 36.7

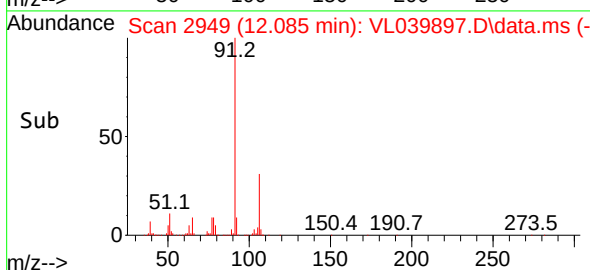
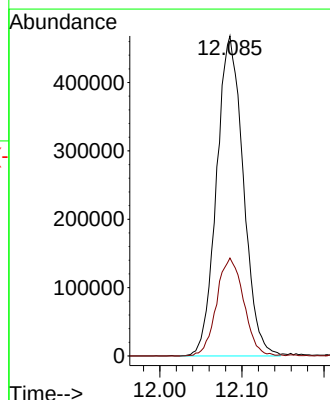
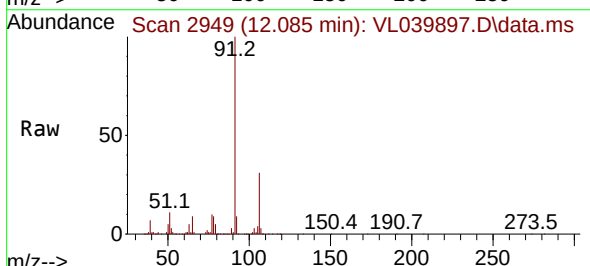
Manual Integrations
APPROVED

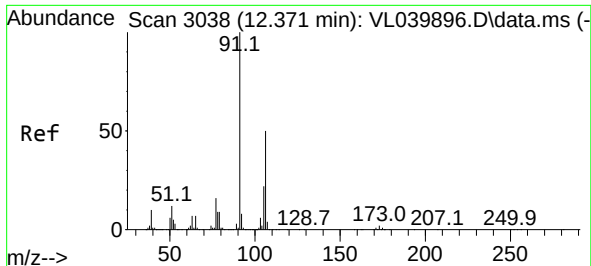
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#58
Ethyl Benzene
Concen: 2.060 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion: 91 Resp: 1060597
Ion Ratio Lower Upper
91 100
106 30.6 26.1 39.1





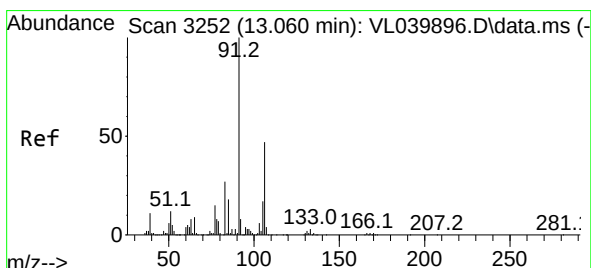
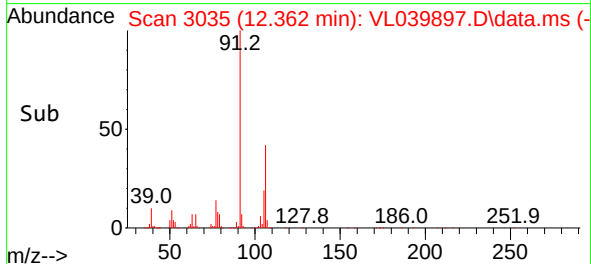
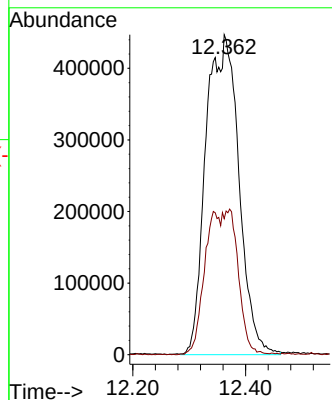
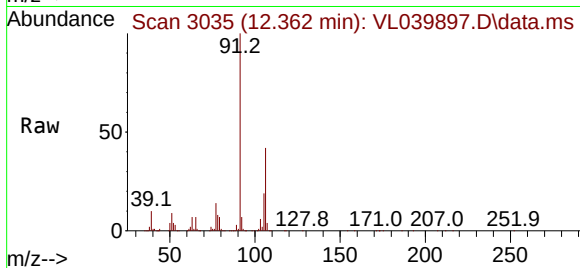
#59
m/p-Xylene
Concen: 4.215 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. -0.010 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 1811800
Ion Ratio Lower Upper
91 100
106 45.0 37.0 55.6

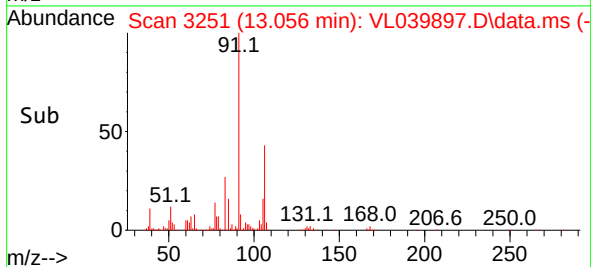
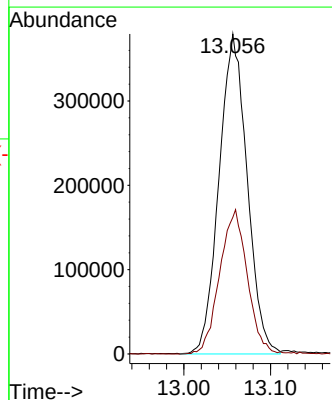
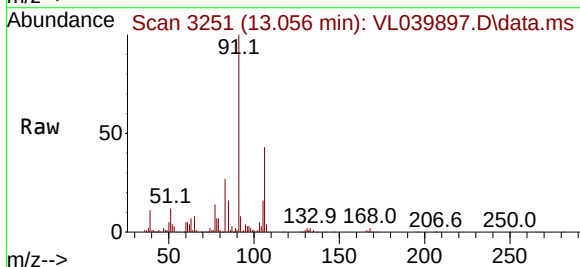
Manual Integrations
APPROVED

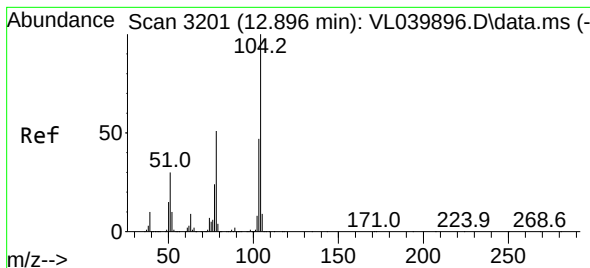
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#60
o-Xylene
Concen: 2.099 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion: 91 Resp: 854848
Ion Ratio Lower Upper
91 100
106 44.6 23.2 69.6





#61

Styrene

Concen: 2.018 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:104 Resp: 50565

Ion Ratio Lower Upper

104 100

78 52.7 41.8 62.8

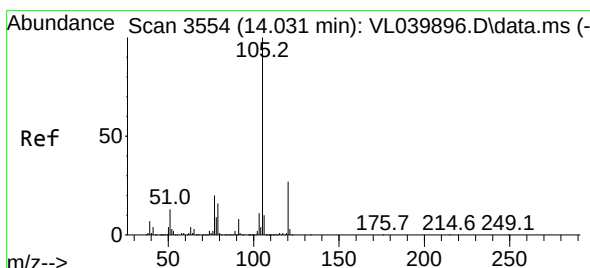
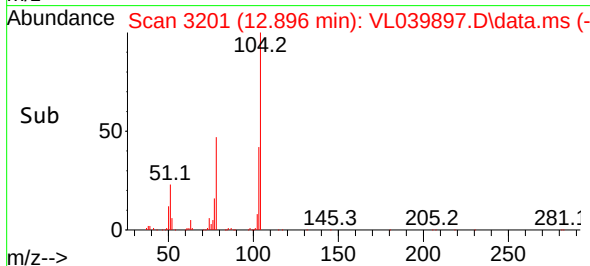
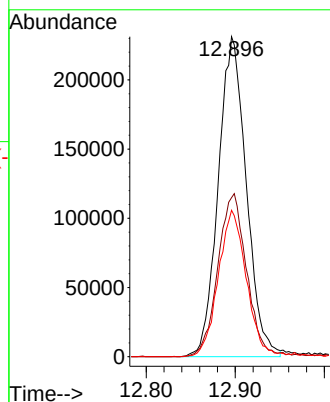
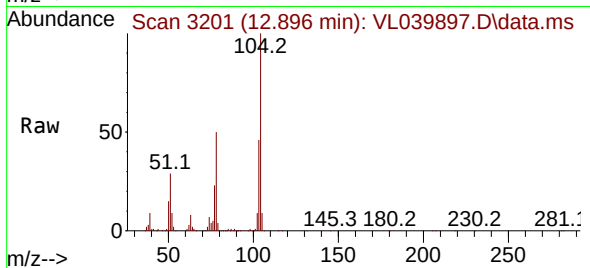
103 46.5 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#62

Isopropylbenzene

Concen: 2.101 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. -0.003 min

Lab File: VL039897.D

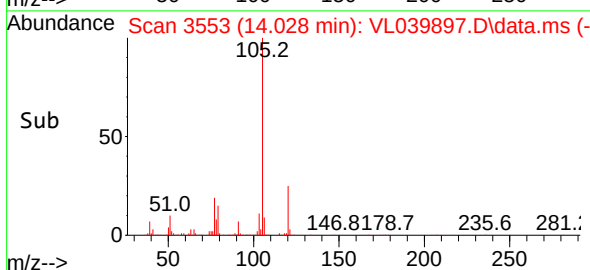
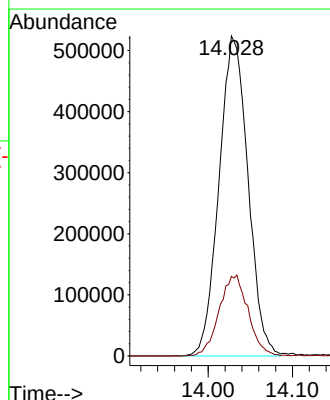
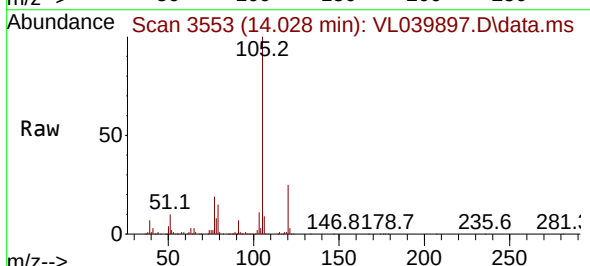
Acq: 18 Nov 2022 9:26

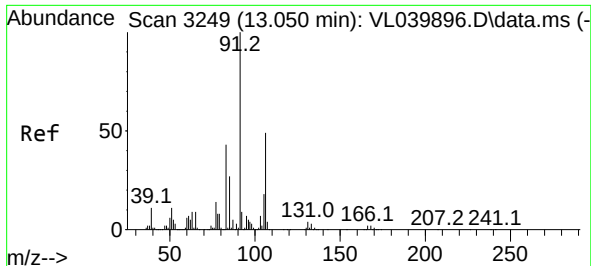
Tgt Ion:105 Resp: 1248157

Ion Ratio Lower Upper

105 100

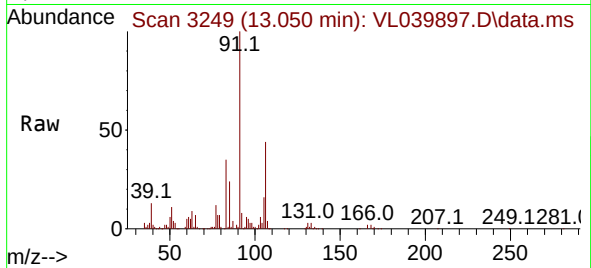
120 25.4 21.4 32.2





#63
1,1,2,2-Tetrachloroethane
Concen: 1.824 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

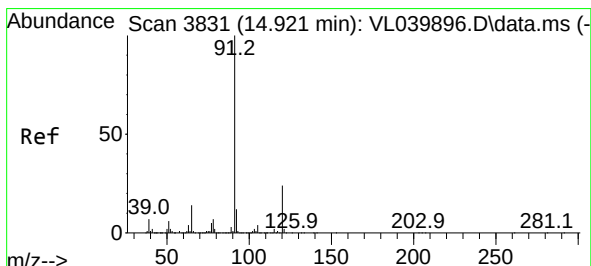
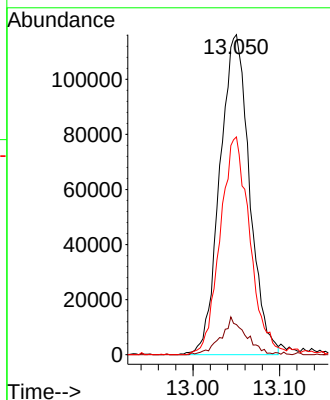
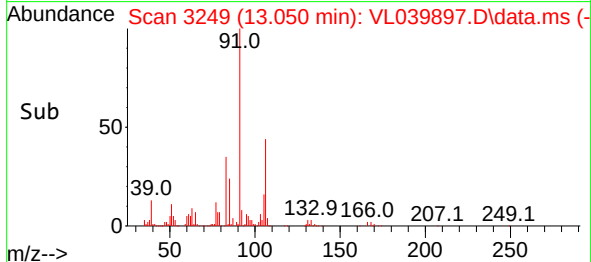
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



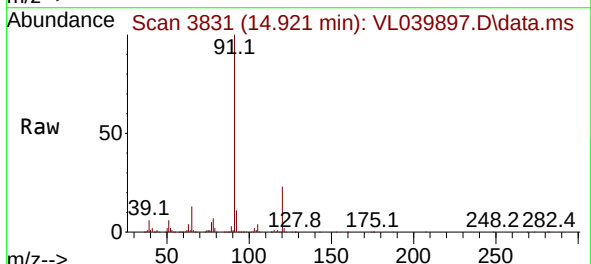
Tgt Ion: 83 Resp: 276619
Ion Ratio Lower Upper
83 100
131 10.1 4.6 13.8
85 69.5 33.0 99.0

Manual Integrations
APPROVED

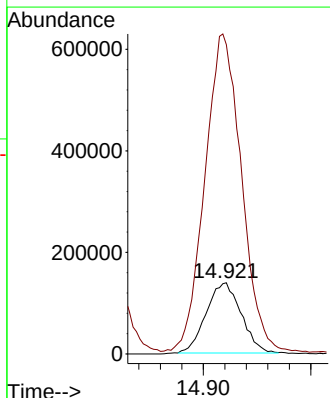
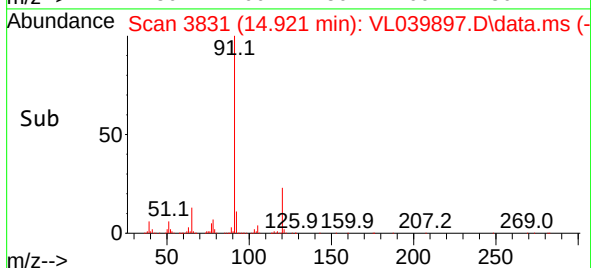
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

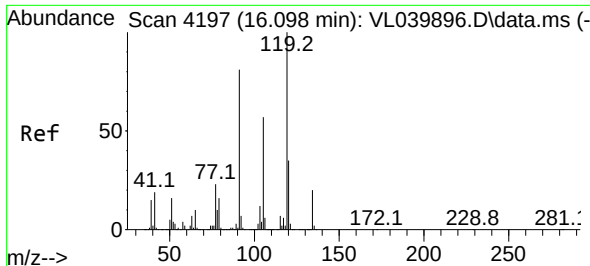


#64
n-propylbenzene
Concen: 1.964 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



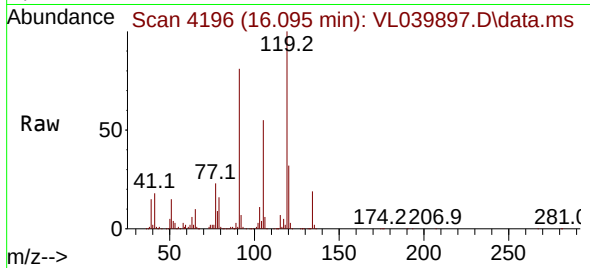
Tgt Ion:120 Resp: 312165
Ion Ratio Lower Upper
120 100
91 485.4 353.7 530.5





#65
tert-Butylbenzene
Concen: 2.094 ppbv
RT: 16.095 min Scan# 4197
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

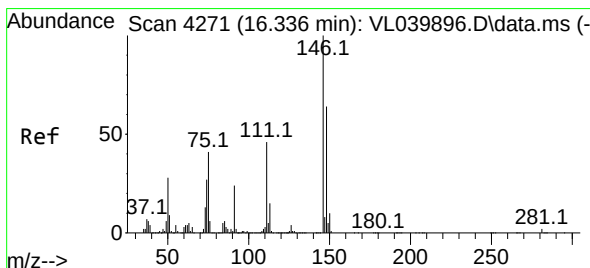
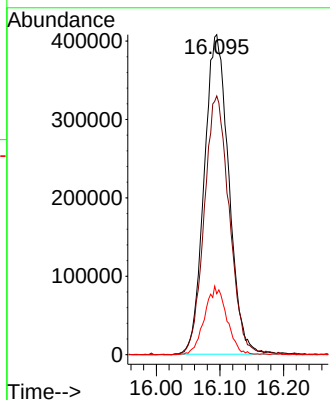
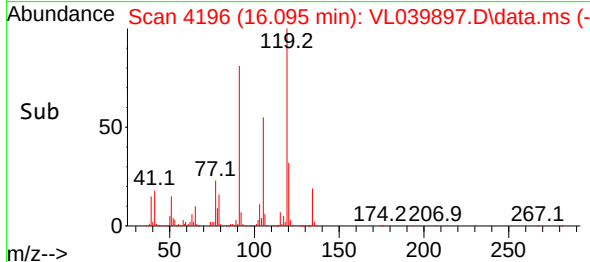
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 119 Resp: 1092228
Ion Ratio Lower Upper
119 100
91 83.2 65.8 98.8
134 19.4 16.1 24.1

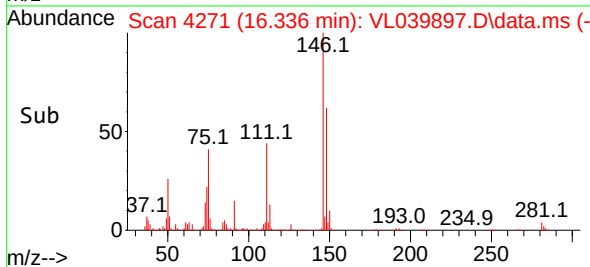
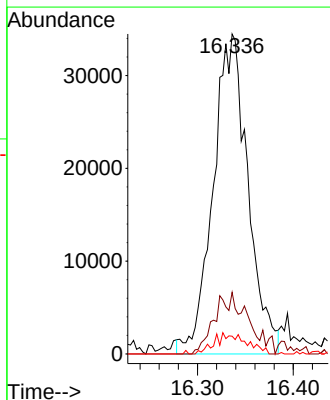
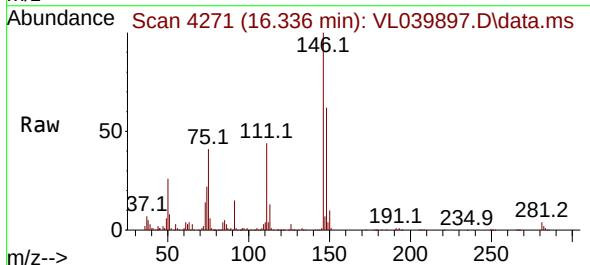
Manual Integrations
APPROVED

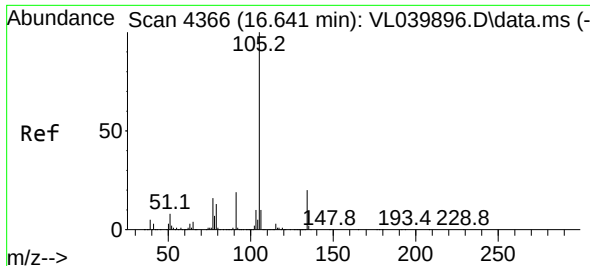
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#66
Benzyl Chloride
Concen: 1.436 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

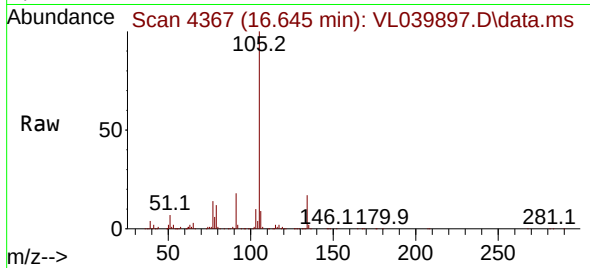
Tgt Ion: 91 Resp: 87079
Ion Ratio Lower Upper
91 100
126 0.0 15.0 22.6#
128 6.0 4.6 7.0





#67
 sec-Butylbenzene
 Concen: 2.140 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

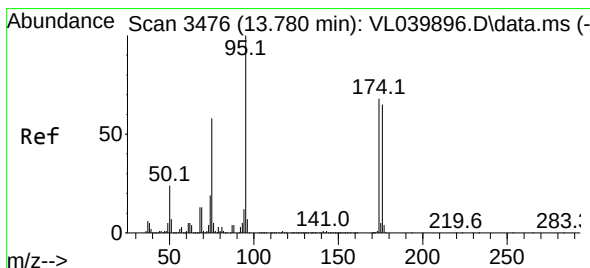
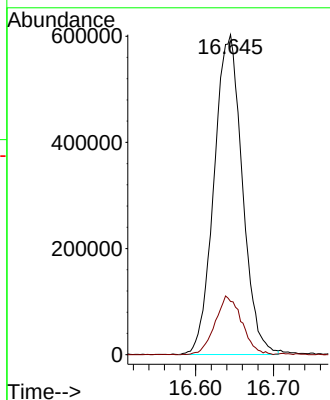
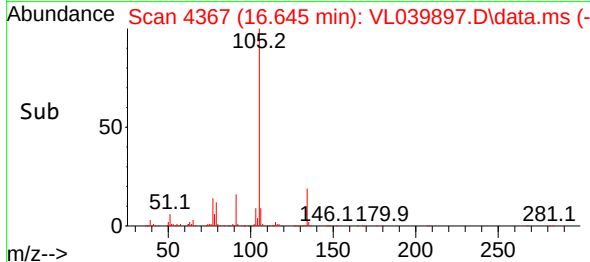
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



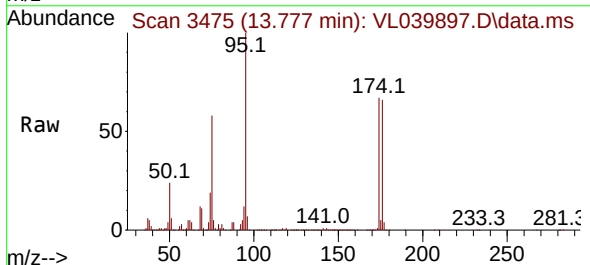
Tgt Ion:105 Resp: 1519580
 Ion Ratio Lower Upper
 105 100
 134 17.7 15.0 22.6

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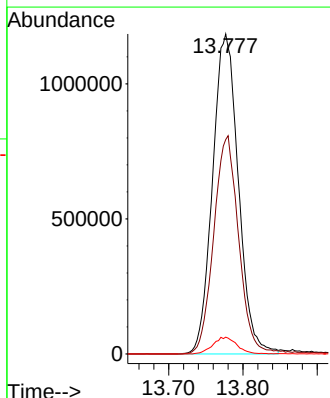
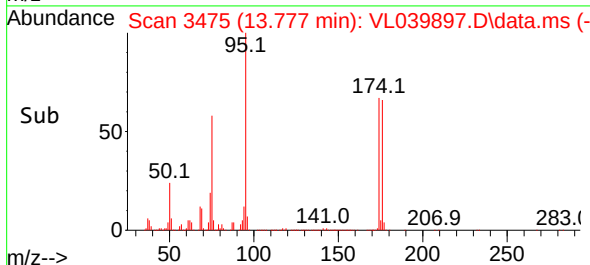
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

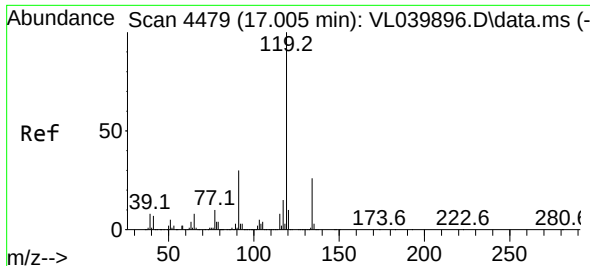


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.029 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26



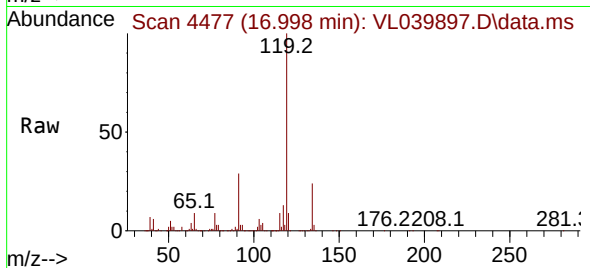
Tgt Ion: 95 Resp: 2858867
 Ion Ratio Lower Upper
 95 100
 174 67.0 53.7 80.5
 175 5.0 4.0 6.0





#69
p-Isopropyltoluene
Concen: 2.113 ppbv
RT: 16.998 min Scan# 4479
Delta R.T. -0.006 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

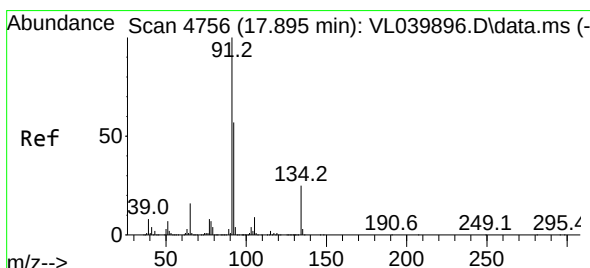
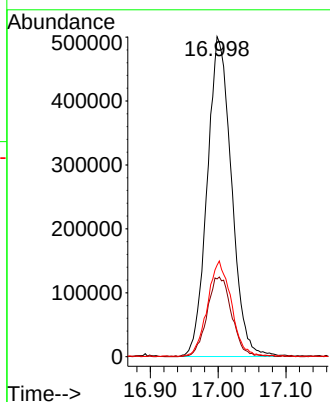
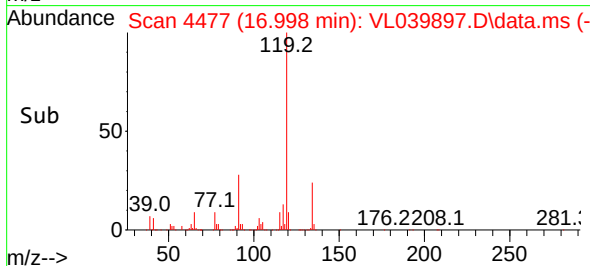
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:119 Resp: 1244452
Ion Ratio Lower Upper
119 100
134 25.4 21.0 31.4
91 29.7 24.4 36.6

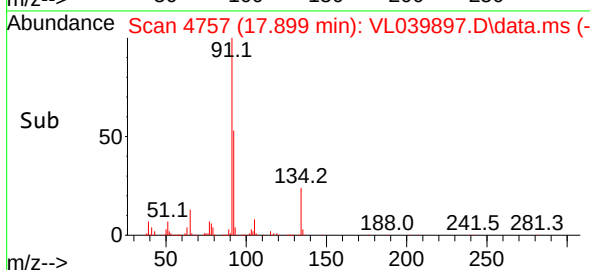
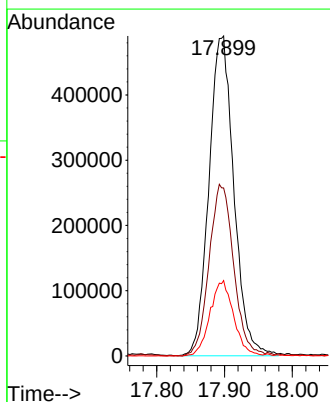
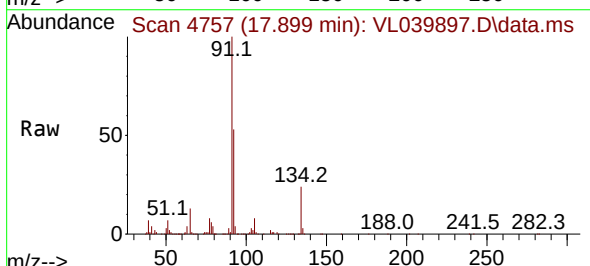
Manual Integrations
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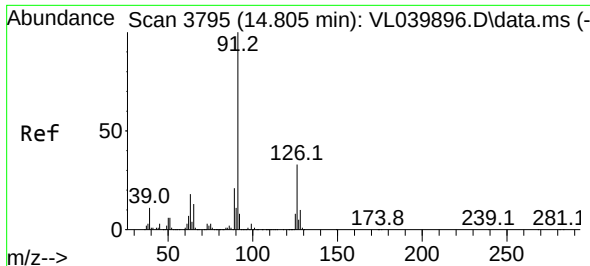
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#70
n-Butylbenzene
Concen: 2.200 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion: 91 Resp: 1252368
Ion Ratio Lower Upper
91 100
92 53.6 44.2 66.2
134 22.6 18.8 28.2





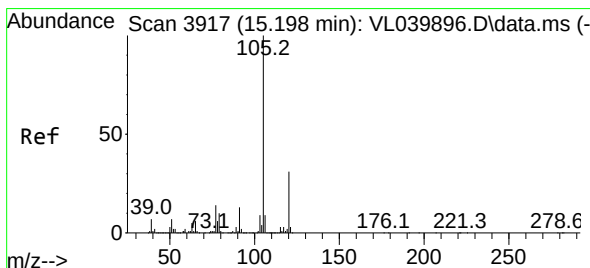
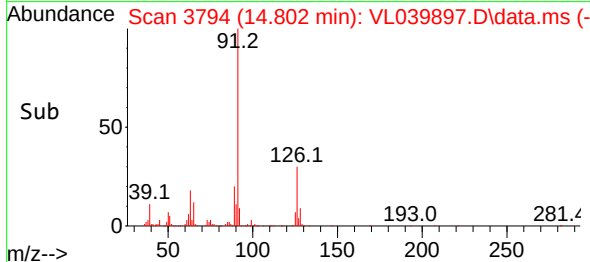
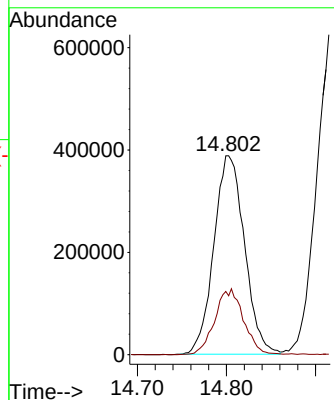
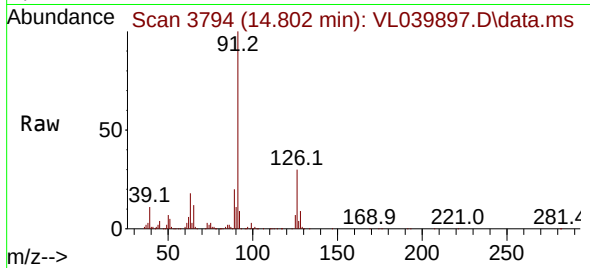
#71
2-Chlorotoluene
Concen: 2.079 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 928030
Ion Ratio Lower Upper
91 100
126 31.3 12.8 51.0

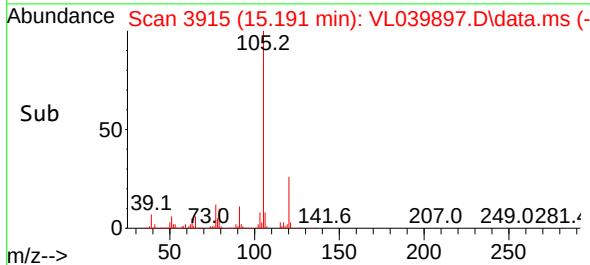
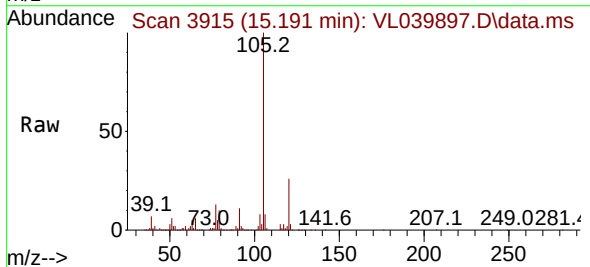
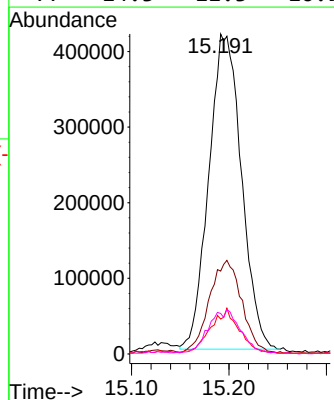
Manual Integrations
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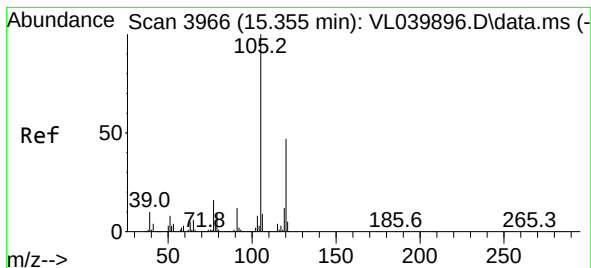
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#72
4-Ethyltoluene
Concen: 2.115 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.006 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Tgt Ion:105 Resp: 969795
Ion Ratio Lower Upper
105 100
120 29.9 24.5 36.7
91 13.0 10.4 15.6
77 14.3 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 2.161 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.000 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 87867

Ion Ratio Lower Upper

105 100

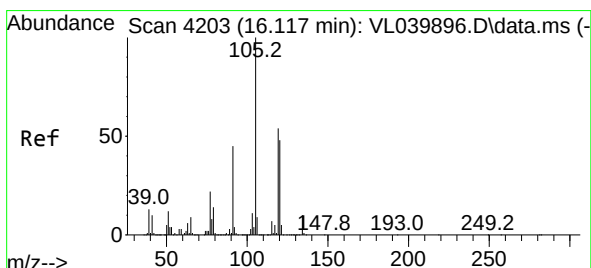
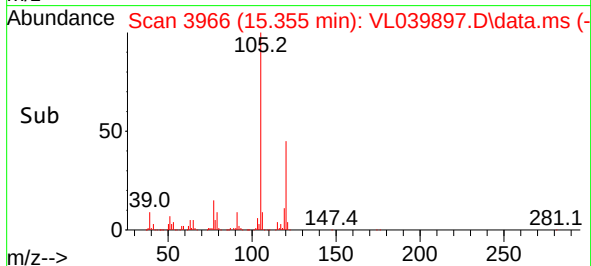
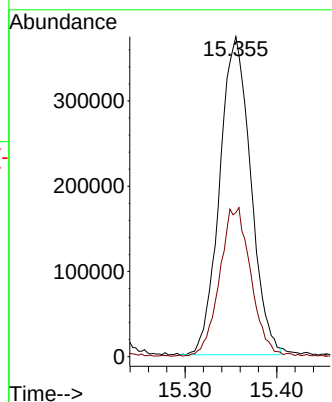
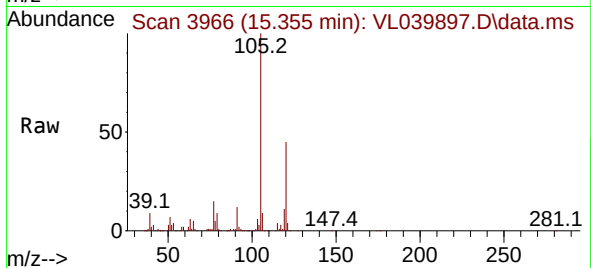
120 44.8 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 2.170 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.003 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Tgt Ion:105 Resp: 937330

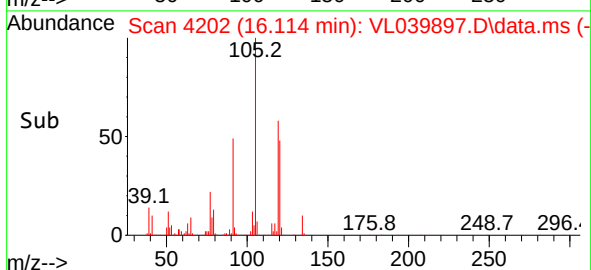
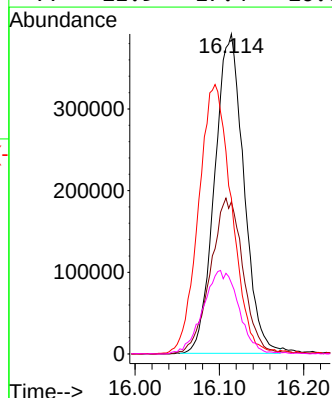
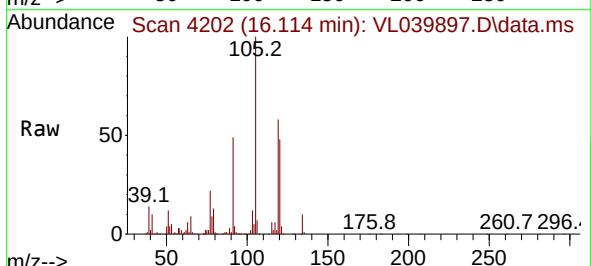
Ion Ratio Lower Upper

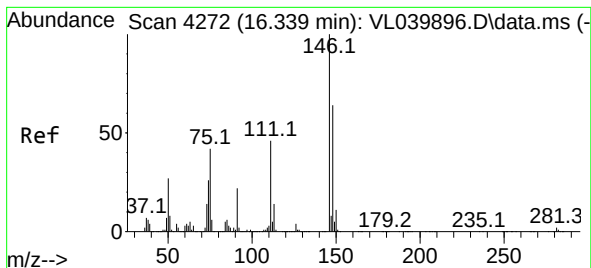
105 100

120 46.9 38.7 58.1

91 47.6 36.4 54.6

77 21.9 17.4 26.0





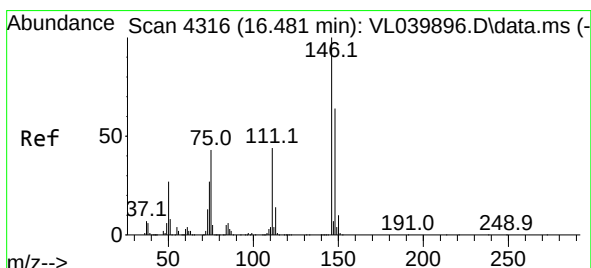
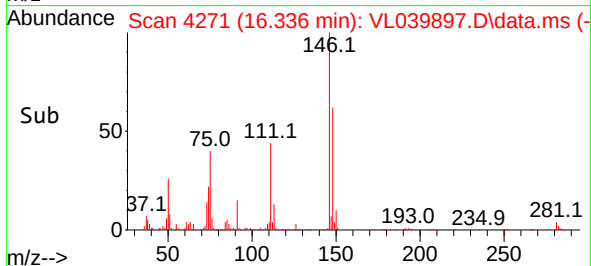
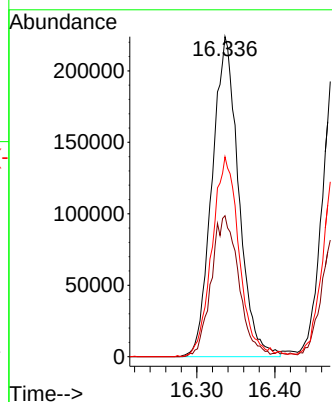
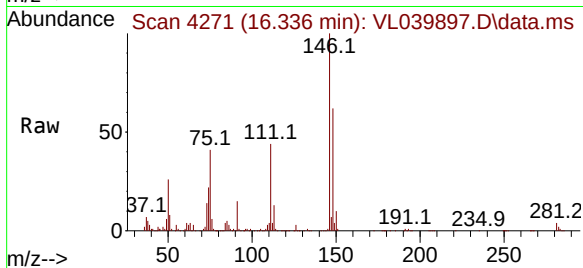
#75
1,3-Dichlorobenzene
Concen: 2.107 ppbv
RT: 16.336 min Scan# 4315
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 53134
Ion Ratio Lower Upper
146 100
111 46.1 23.3 69.9
148 64.3 32.2 96.6

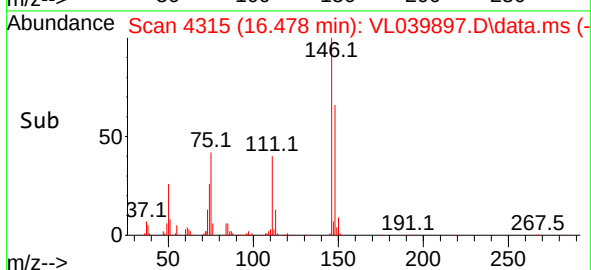
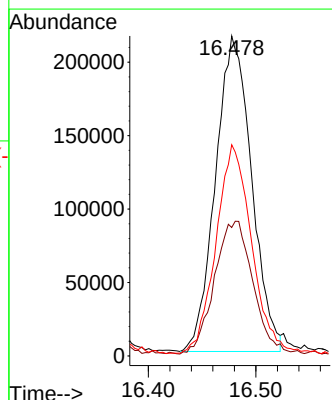
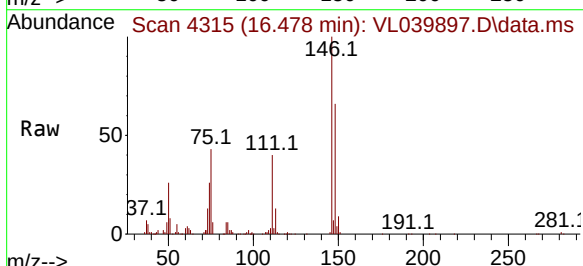
Manual Integrations
APPROVED

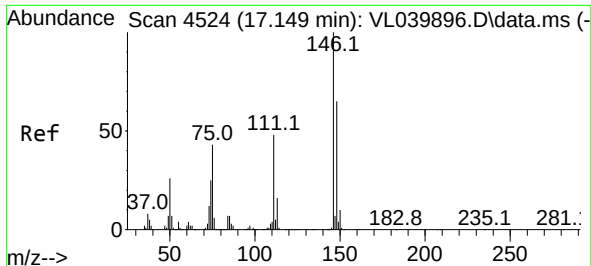
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#76
1,4-Dichlorobenzene
Concen: 2.022 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

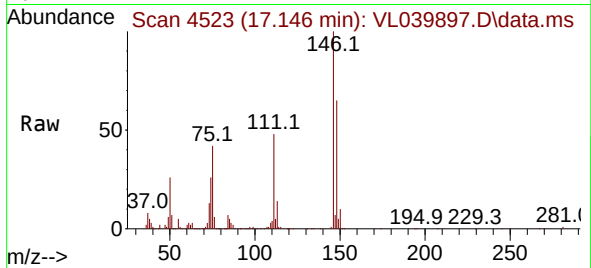
Tgt Ion:146 Resp: 500397
Ion Ratio Lower Upper
146 100
111 46.5 22.4 67.3
148 68.5 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 2.100 ppbv
RT: 17.146 min Scan# 4524
Delta R.T. -0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26

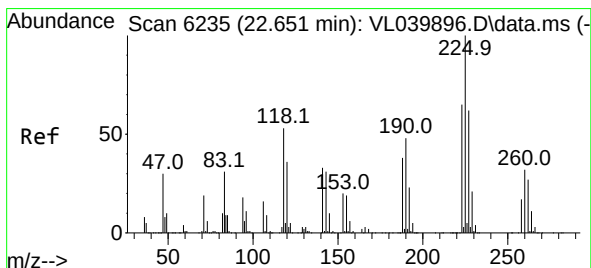
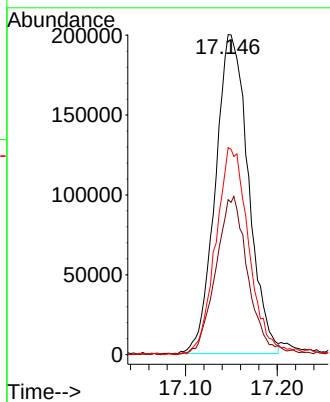
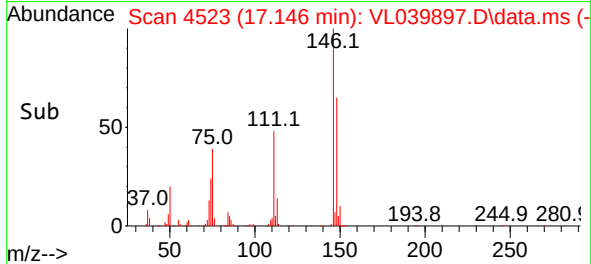
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



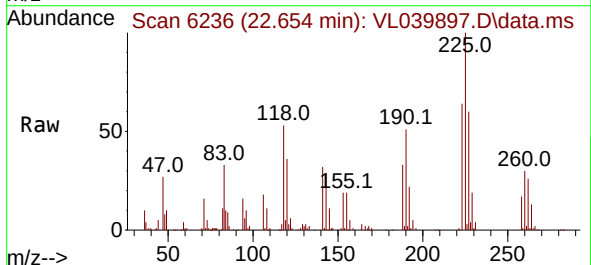
Tgt Ion:146 Resp: 499215
Ion Ratio Lower Upper
146 100
111 49.3 24.1 72.3
148 66.1 32.4 97.2

Manual Integrations
APPROVED

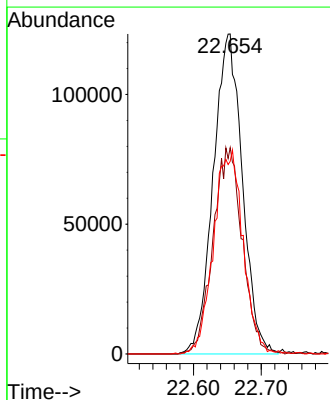
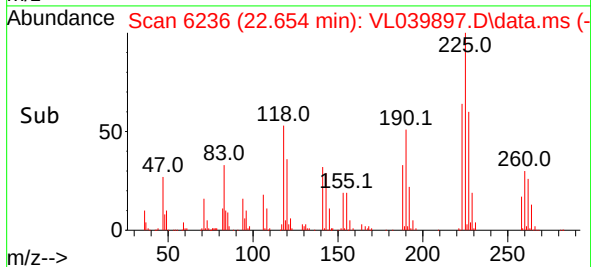
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

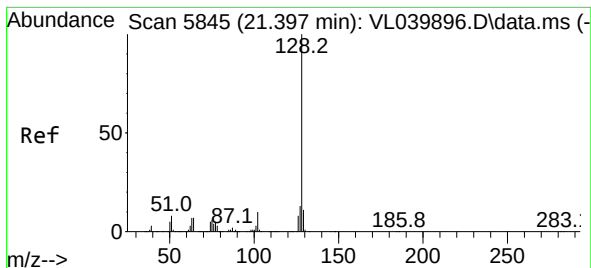


#78
Hexachloro-1,3-Butadiene
Concen: 2.087 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.003 min
Lab File: VL039897.D
Acq: 18 Nov 2022 9:26



Tgt Ion:225 Resp: 367549
Ion Ratio Lower Upper
225 100
223 65.1 50.7 76.1
227 64.8 50.8 76.2





#79

Naphthalene

Concen: 2.007 ppbv

RT: 21.400 min Scan# 5845

Delta R.T. 0.003 min

Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

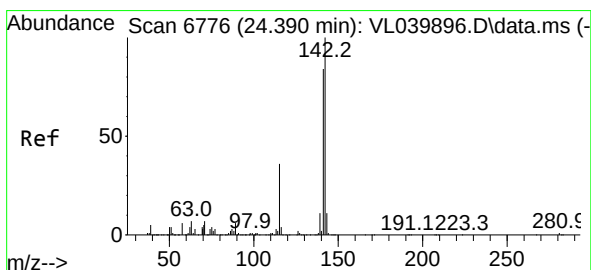
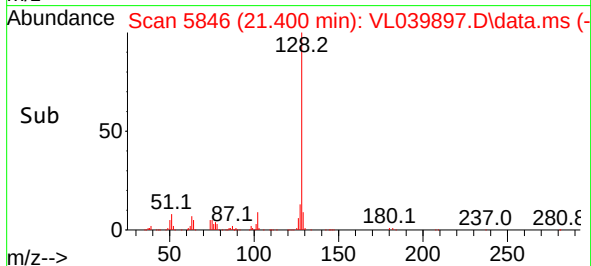
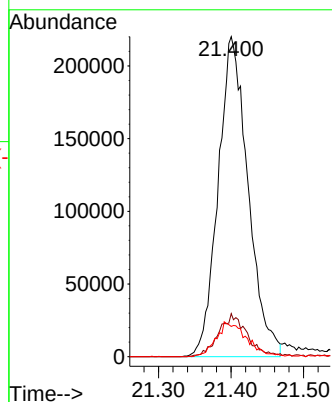
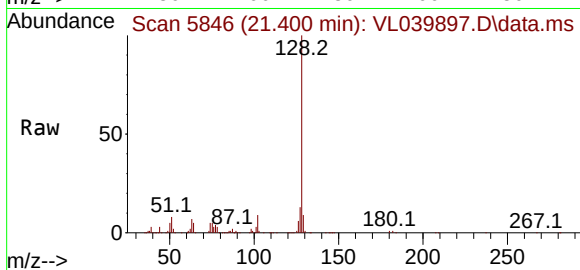
Tgt Ion:128 Resp: 63037

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	9.5	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: 1.250 ppbv

RT: 24.394 min Scan# 6777

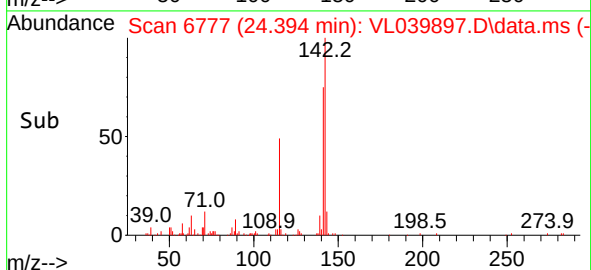
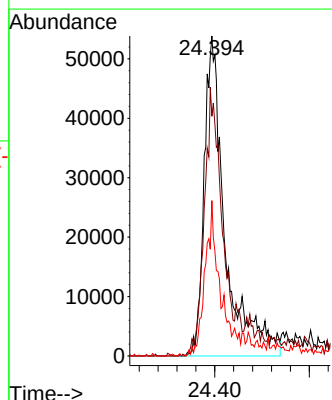
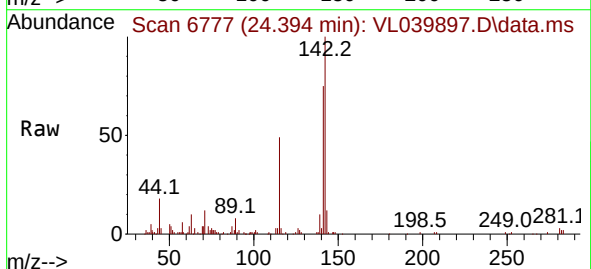
Delta R.T. 0.003 min

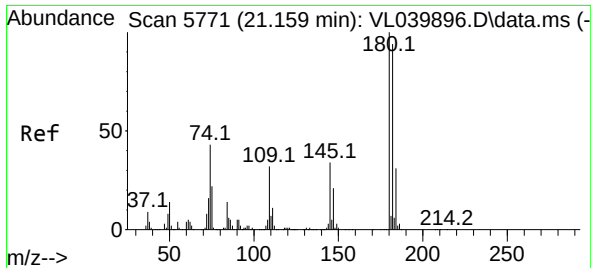
Lab File: VL039897.D

Acq: 18 Nov 2022 9:26

Tgt Ion:142 Resp: 166403

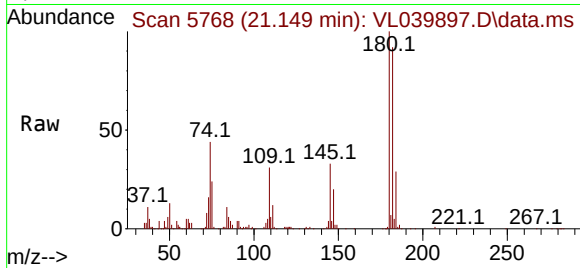
Ion	Ratio	Lower	Upper
142	100		
141	83.5	69.1	103.7
115	39.3	29.6	44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 2.032 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL039897.D
 Acq: 18 Nov 2022 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 35686
 Ion Ratio Lower Upper
 180 100
 182 99.4 77.0 115.6
 184 31.2 25.2 37.8

Manual Integrations
 APPROVED

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

