

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040836.D
 Acq On : 13 Nov 2023 11:25
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 13 15:24:21 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Mon Nov 13 15:18:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1209946	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3102623	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2926579	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 2231721 10.245 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	507979	2.354	ppbv	100
3) Chlorodifluoromethane	2.677	51	400240	2.245	ppbv	99
4) Chloromethane	2.812	50	140271	2.013	ppbv	95
5) Vinyl Chloride	2.919	62	148930	2.067	ppbv	96
6) Bromomethane	3.121	94	55789	1.925	ppbv	99
7) Chloroethane	3.192	64	50727	2.174	ppbv	93
8) Dichlorotetrafluoroethane	2.857	85	372285	2.298	ppbv	99
9) Propene	2.697	41	137441	2.113	ppbv	97
10) Heptane	7.558	43	335084	2.041	ppbv	100
11) Trichlorofluoromethane	3.555	101	390128	2.339	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	272105	2.292	ppbv	98
13) Ethanol	3.253	45	23845	1.661	ppbv	82
14) Bromoethene	3.365	108	106782	2.125	ppbv	91
15) Acetone	3.468	43	264805	2.129	ppbv	98
16) 1,3-Butadiene	2.986	39	129563m	2.001	ppbv	
17) tert-Butyl alcohol	3.873	59	216097	1.799	ppbv	98
18) 1,1-Dichloroethene	3.873	96	120560	2.274	ppbv	93
19) Isopropyl Alcohol	3.578	45	148022	1.895	ppbv #	93
20) Methylene Chloride	3.925	84	105941	2.031	ppbv	96
21) Allyl Chloride	3.989	41	175657	2.168	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	148357	2.585	ppbv	94
23) Vinyl Acetate	4.616	43	361512	2.225	ppbv #	98
24) 1,1-Dichloroethane	4.552	63	326497	2.597	ppbv	99
25) Ethyl Acetate	5.195	43	569933	2.098	ppbv	100
26) Hexane	5.198	57	250222	2.023	ppbv	97
27) Carbon Disulfide	4.118	76	305648	2.203	ppbv	97
28) Methyl tert-Butyl Ether	4.581	73	234338	2.358	ppbv	100
29) Chloroform	5.259	83	416683	2.269	ppbv	99
30) Cyclohexane	6.584	84	208317	1.984	ppbv	97
31) cis-1,2-Dichloroethene	5.063	61	254623	2.197	ppbv	98
32) 1,1,1-Trichloroethane	5.986	97	405570	2.098	ppbv	99
34) 2-Butanone	4.777	43	348153	2.351	ppbv	97
35) Carbon Tetrachloride	6.475	117	424974	2.401	ppbv	98
36) Benzene	6.352	78	540228	2.265	ppbv	98
37) 1,2-Dichloroethane	5.787	62	308424	2.451	ppbv	100
38) Trichloroethene	7.275	130	205010m	1.948	ppbv	
39) 1,2-Dichloropropane	7.053	63	211078	2.264	ppbv	96
40) 1,4-Dioxane	7.282	88	85169m	2.437	ppbv	
41) Tetrahydrofuran	5.549	42	202110	2.093	ppbv	96
42) Bromodichloromethane	7.227	83	450844	2.405	ppbv	95
43) Methyl Methacrylate	7.455	69	212435	2.227	ppbv	99
44) 2,2,4-Trimethylpentane	7.304	57	908602	2.251	ppbv	100
45) t-1,3-Dichloropropene	8.684	75	114880m	1.606	ppbv	

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Manual Integrations
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Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 13 15:24:21 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

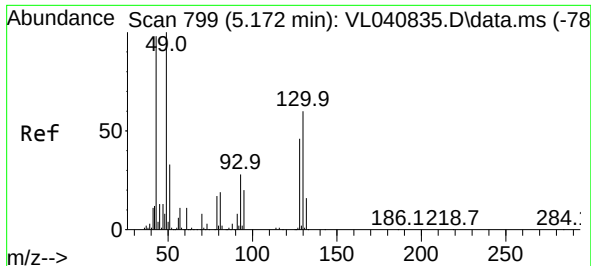
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Nov 13 15:18:50 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	146668	1.648	ppbv	99
47) 1,1,2-Trichloroethane	8.873	97	217510	2.214	ppbv	92
48) Dibromochloromethane	9.687	129	367850	2.224	ppbv	98
49) Bromoform	12.378	173	282315	2.143	ppbv	99
50) 4-Methyl-2-Pentanone	8.163	43	530813	2.206	ppbv	99
51) 2-Hexanone	9.532	43	373392	2.054	ppbv	98
52) Tetrachloroethene	10.587	164	183317	1.914	ppbv	92
53) Toluene	9.195	91	593693	2.098	ppbv	100
54) 1,2-Dibromoethane	9.983	107	288890	2.116	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.478	131	271052	2.249	ppbv #	1
57) Chlorobenzene	11.500	112	466032	2.212	ppbv	98
58) Ethyl Benzene	12.060	91	822118	2.213	ppbv	99
59) m/p-Xylene	12.346	91	1411917m	4.599	ppbv	
60) o-Xylene	13.031	91	670918	2.298	ppbv	97
61) Styrene	12.870	104	319190	2.014	ppbv	98
62) Isopropylbenzene	14.002	105	986887	2.208	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.021	83	480207	2.193	ppbv	99
64) n-propylbenzene	14.889	120	246781m	2.079	ppbv	
65) tert-Butylbenzene	16.066	119	861992	2.148	ppbv	98
66) Benzyl Chloride	16.304	91	27874m	0.825	ppbv	
67) sec-Butylbenzene	16.609	105	1222125	2.220	ppbv	99
69) p-Isopropyltoluene	16.969	119	979201	2.138	ppbv	99
70) n-Butylbenzene	17.860	91	1037375	2.286	ppbv	98
71) 2-Chlorotoluene	14.777	91	760034	2.256	ppbv	100
72) 4-Ethyltoluene	15.162	105	732118	2.164	ppbv	98
73) 1,3,5-Trimethylbenzene	15.323	105	656370	2.203	ppbv	95
74) 1,2,4-Trimethylbenzene	16.079	105	729478	2.232	ppbv	98
75) 1,3-Dichlorobenzene	16.304	146	399668	2.009	ppbv	99
76) 1,4-Dichlorobenzene	16.449	146	387414	1.965	ppbv	98
77) 1,2-Dichlorobenzene	17.114	146	394716m	2.028	ppbv	
78) Hexachloro-1,3-Butadiene	22.606	225	248806m	1.810	ppbv	
79) Naphthalene	21.352	128	427079	1.697	ppbv	99
80) Naphthalene,2-methyl-	24.361	142	73291m	1.164	ppbv	
81) 1,2,4-Trichlorobenzene	21.108	180	232834	1.704	ppbv	98

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



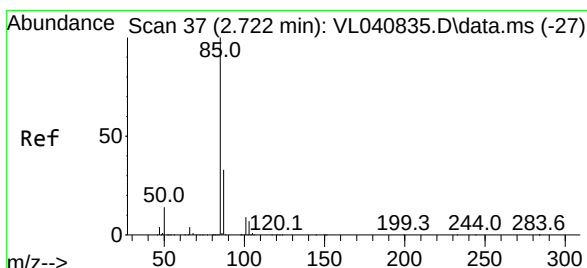
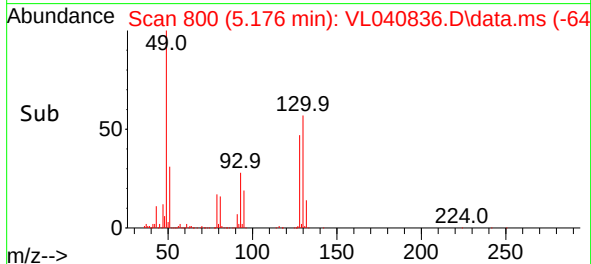
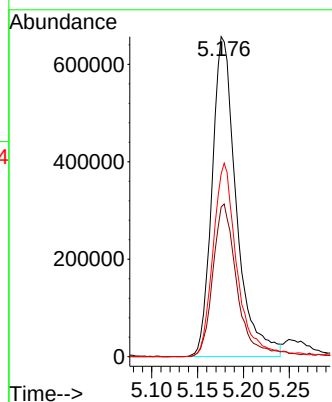
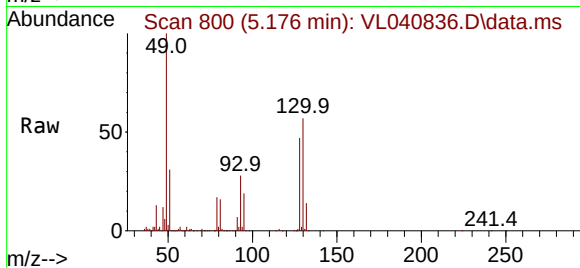
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1209940
Ion Ratio Lower Upper
49 100
128 48.7 23.8 71.2
130 61.6 30.9 92.8

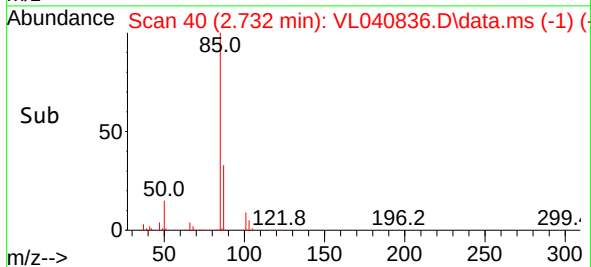
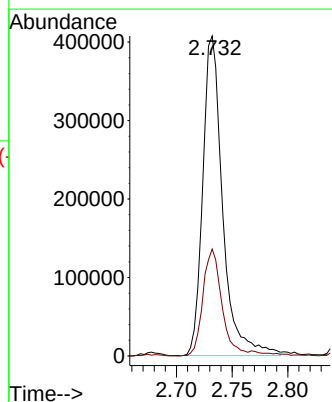
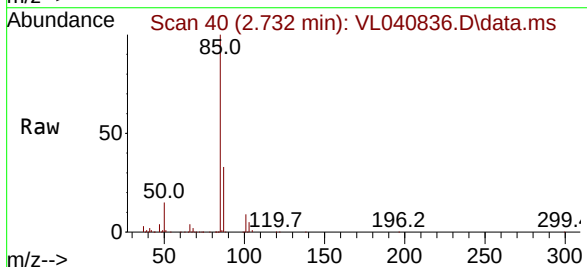
Manual Integrations
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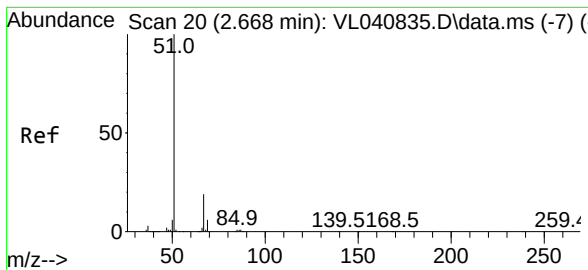
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#2
Dichlorodifluoromethane
Concen: 2.354 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.010 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 85 Resp: 507979
Ion Ratio Lower Upper
85 100
87 33.4 26.7 40.1





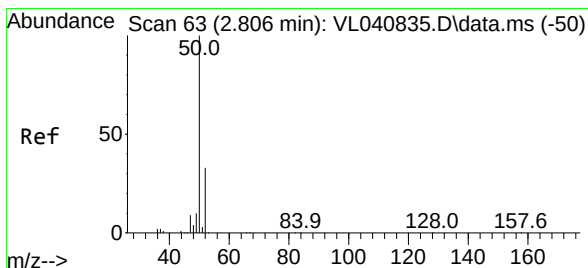
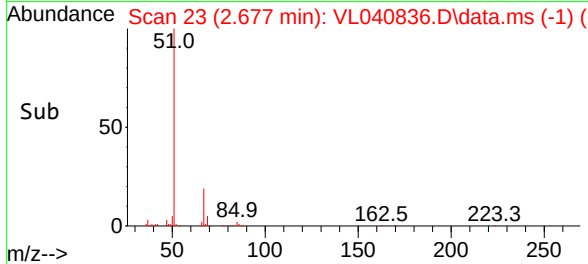
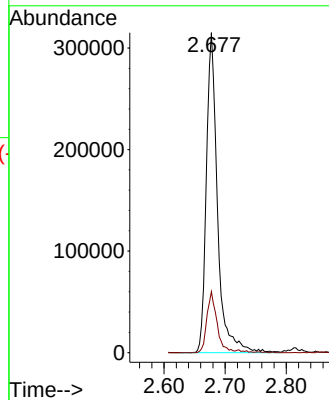
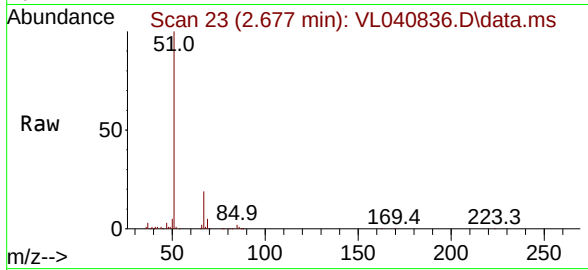
#3
Chlorodifluoromethane
Concen: 2.245 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 400240
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.4

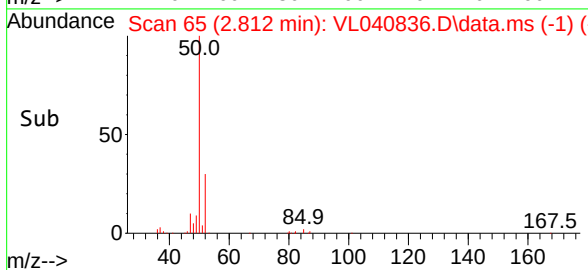
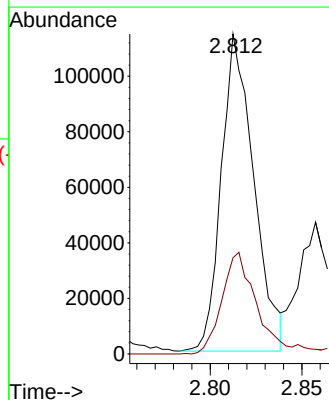
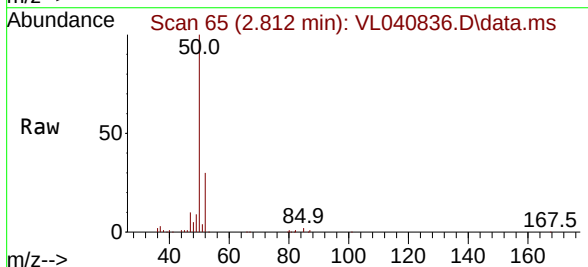
Manual Integrations
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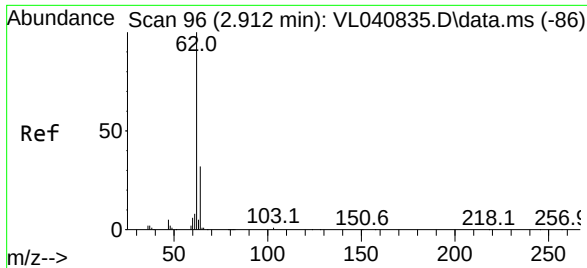
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#4
Chloromethane
Concen: 2.013 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.006 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

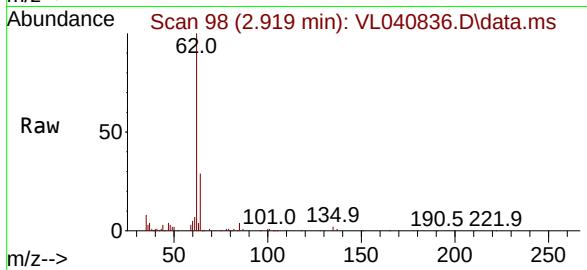
Tgt Ion: 50 Resp: 140271
Ion Ratio Lower Upper
50 100
52 30.3 26.3 39.5





#5
 Vinyl Chloride
 Concen: 2.067 ppbv
 RT: 2.919 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

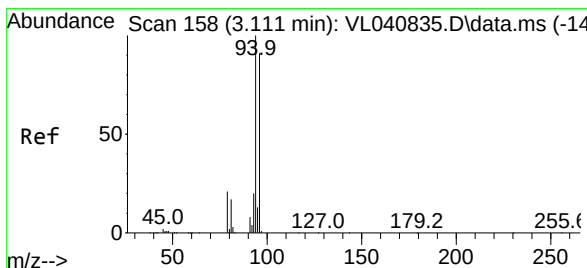
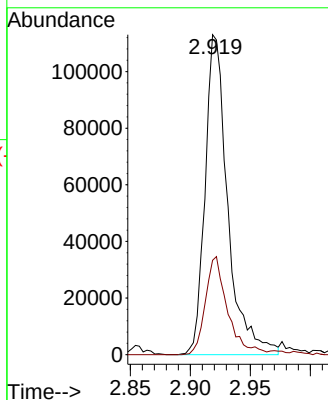
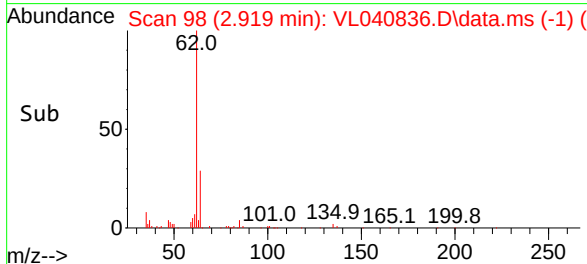
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 62 Resp: 148930
 Ion Ratio Lower Upper
 62 100
 64 29.5 25.4 38.2

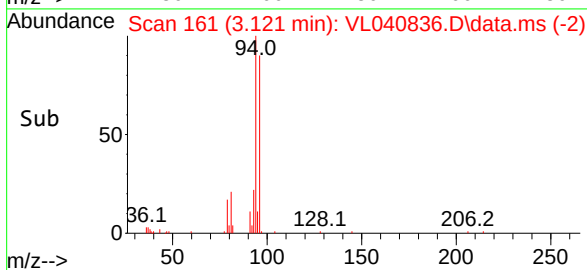
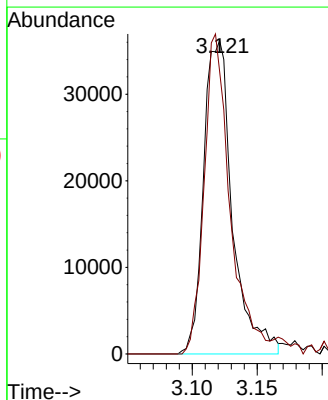
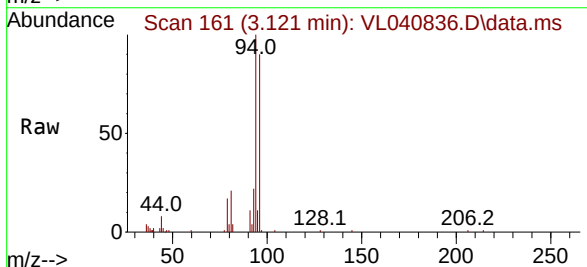
Manual Integrations
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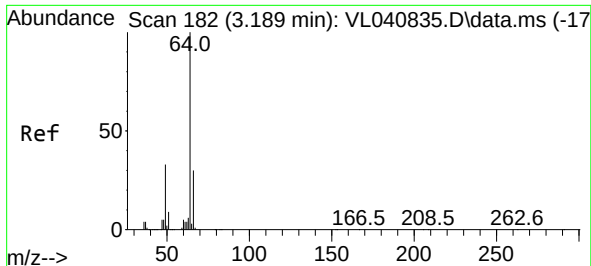
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#6
 Bromomethane
 Concen: 1.925 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.010 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Tgt Ion: 94 Resp: 55789
 Ion Ratio Lower Upper
 94 100
 96 90.1 73.0 109.4





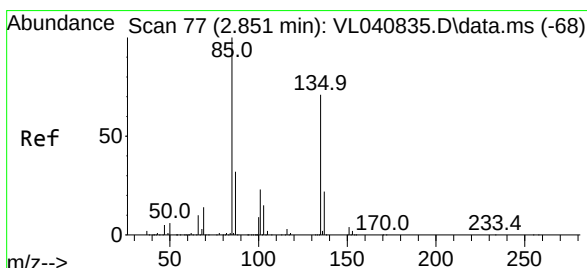
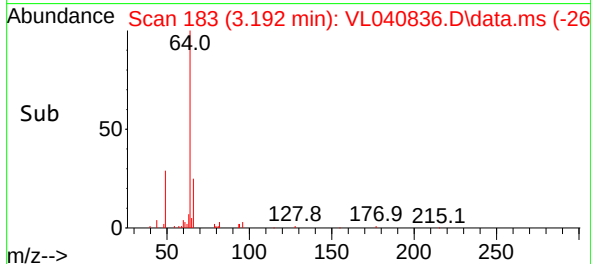
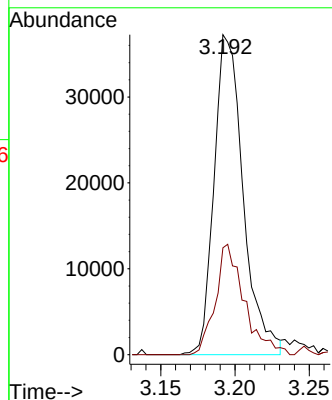
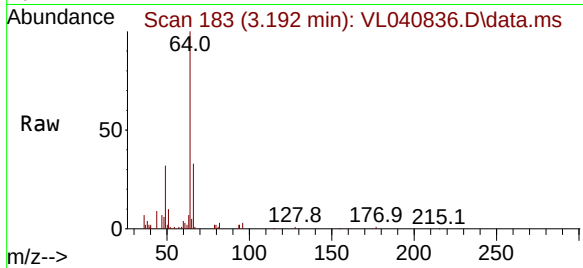
#7
Chloroethane
Concen: 2.174 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 5072
Ion Ratio Lower Upper
64 100
66 33.4 23.8 35.6

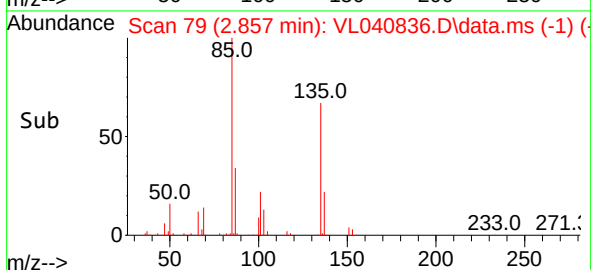
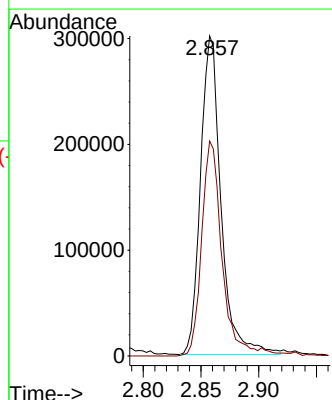
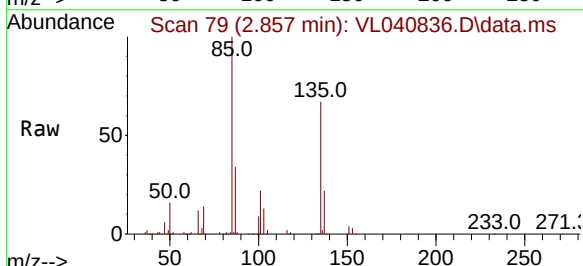
Manual Integrations
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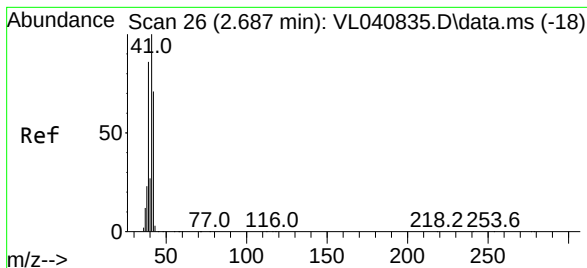
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#8
Dichlorotetrafluoroethane
Concen: 2.298 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.006 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 85 Resp: 372285
Ion Ratio Lower Upper
85 100
135 68.3 55.3 82.9





#9

Propene

Concen: 2.113 ppbv

RT: 2.697 min Scan# 29

Delta R.T. 0.010 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 13744

Ion Ratio Lower Upper

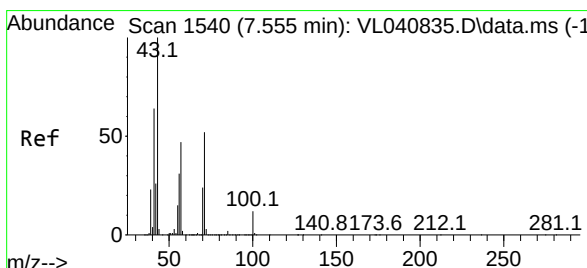
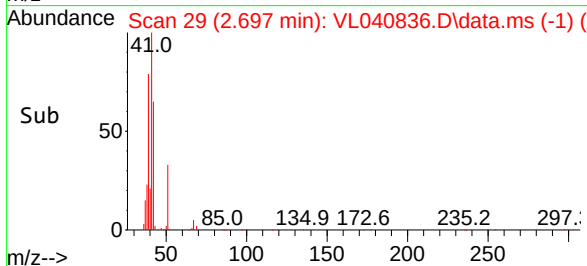
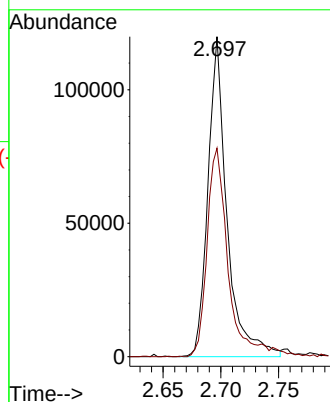
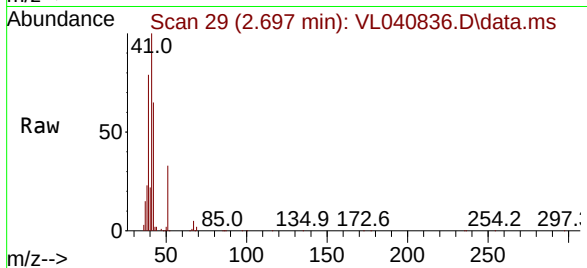
41 100

42 73.3 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#10

Heptane

Concen: 2.041 ppbv

RT: 7.558 min Scan# 1541

Delta R.T. 0.003 min

Lab File: VL040836.D

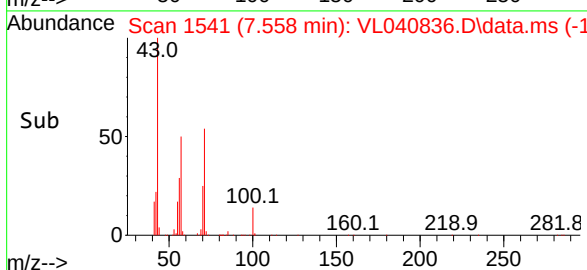
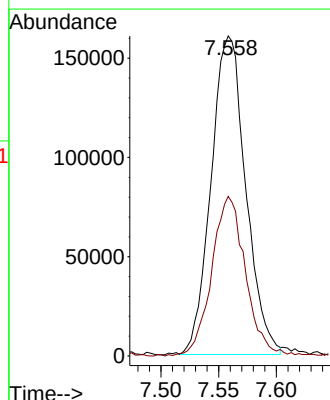
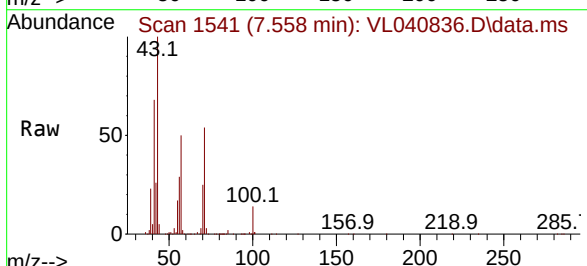
Acq: 13 Nov 2023 11:25

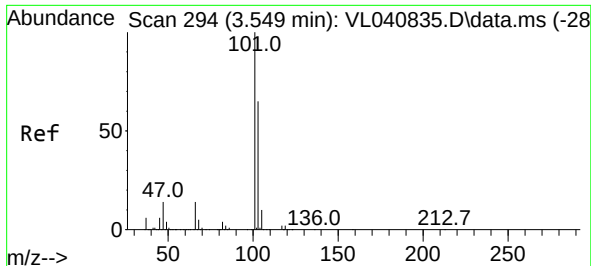
Tgt Ion: 43 Resp: 335084

Ion Ratio Lower Upper

43 100

57 49.2 39.4 59.0





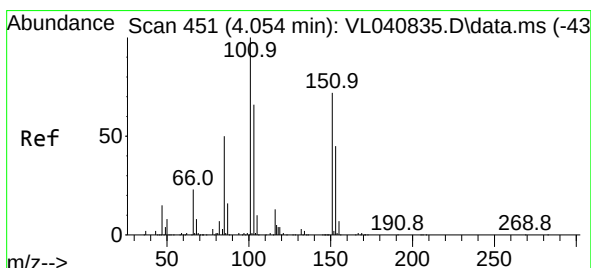
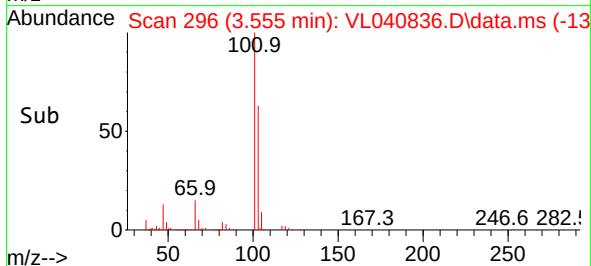
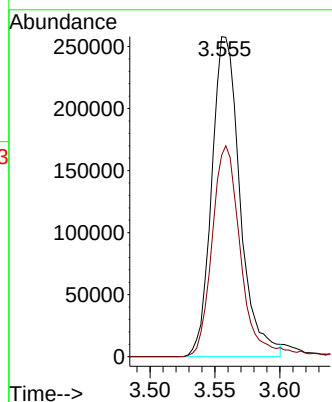
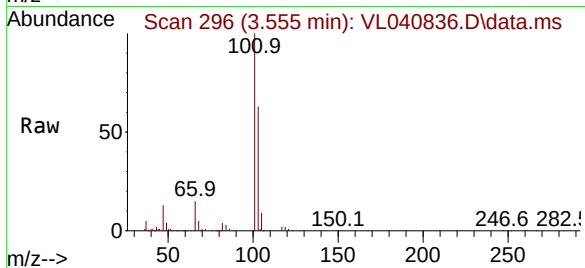
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Trichlorofluoromethane
Concen: 2.339 ppbv
RT: 3.555 min Scan# 294
Delta R.T. 0.006 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:101 Resp: 390128
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.8

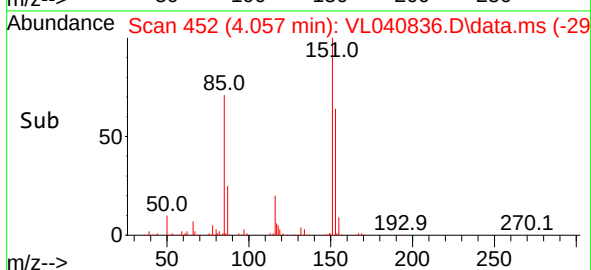
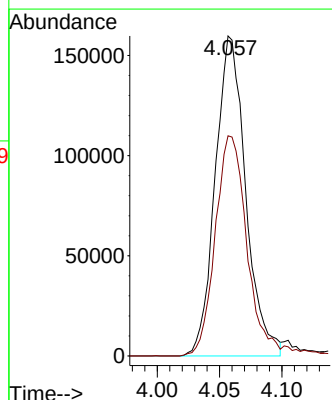
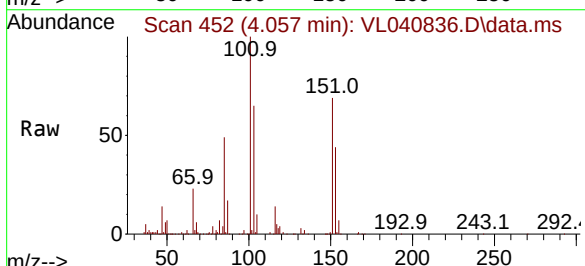
Manual Integrations
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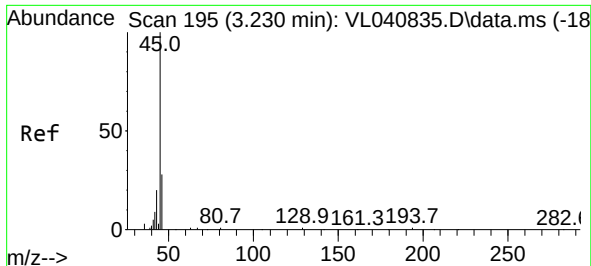
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.292 ppbv
RT: 4.057 min Scan# 452
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

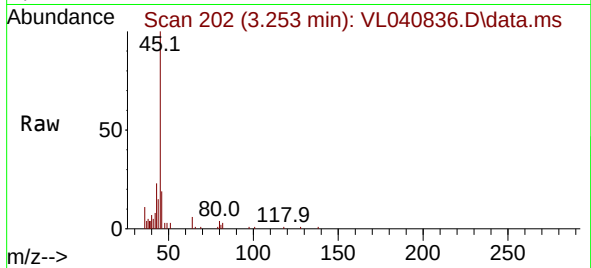
Tgt Ion:101 Resp: 272105
Ion Ratio Lower Upper
101 100
151 73.5 57.8 86.6





#13
Ethanol
Concen: 1.661 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.022 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

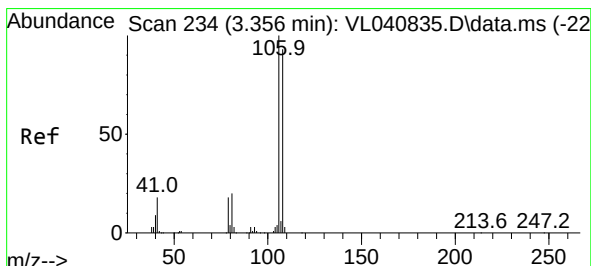
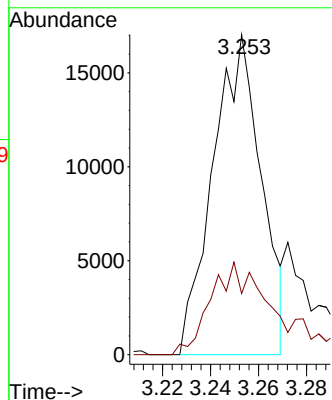
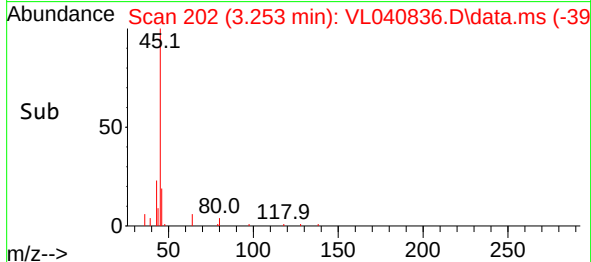
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



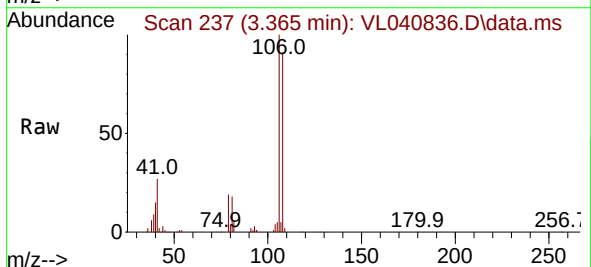
Tgt Ion: 45 Resp: 2384
Ion Ratio Lower Upper
45 100
46 43.4 13.3 53.1

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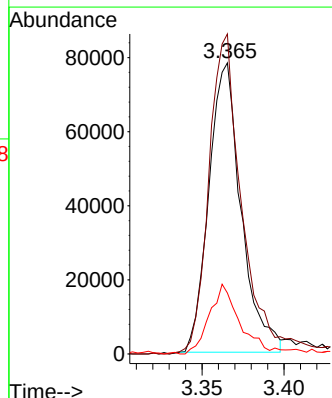
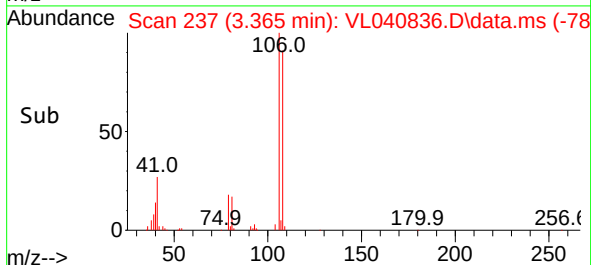
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

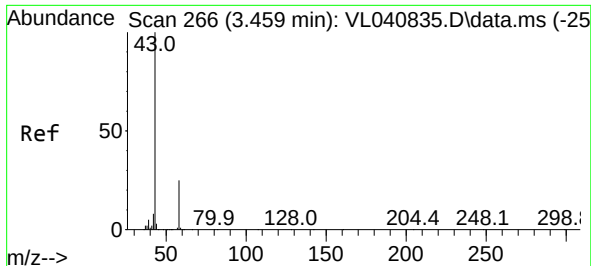


#14
Bromoethene
Concen: 2.125 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.010 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



Tgt Ion:108 Resp: 106782
Ion Ratio Lower Upper
108 100
106 116.5 85.5 128.3
79 22.8 16.5 24.7





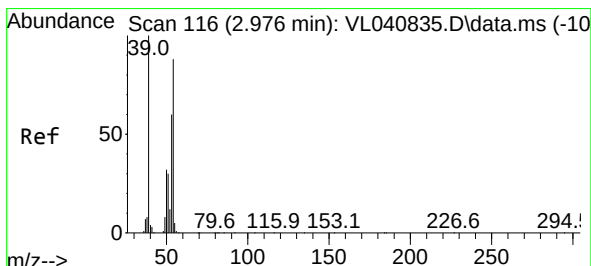
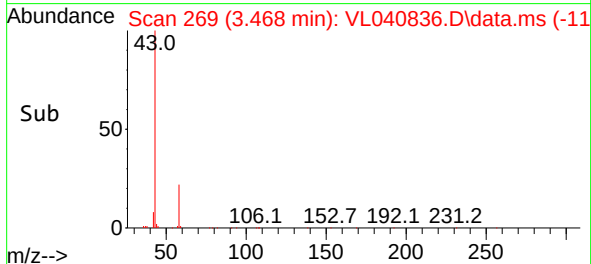
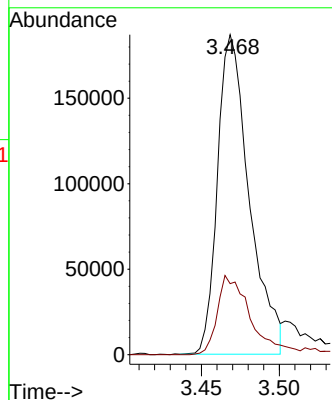
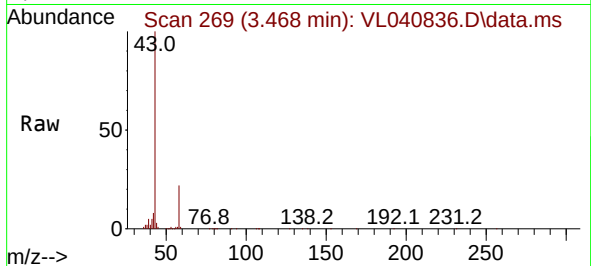
#15
Acetone
Concen: 2.129 ppbv
RT: 3.468 min Scan# 266
Delta R.T. 0.010 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 26480
Ion Ratio Lower Upper
43 100
58 27.2 20.9 31.3

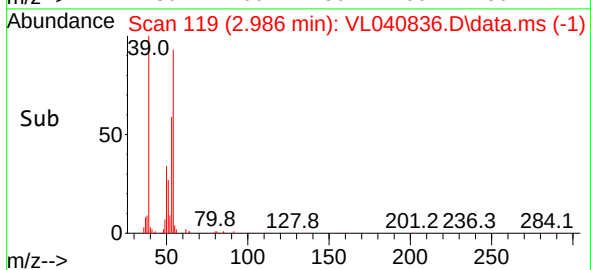
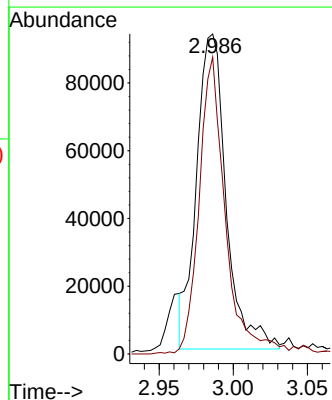
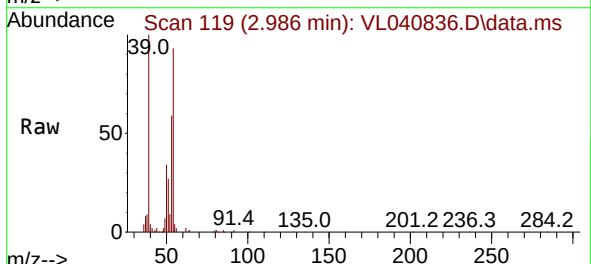
Manual Integrations
APPROVED

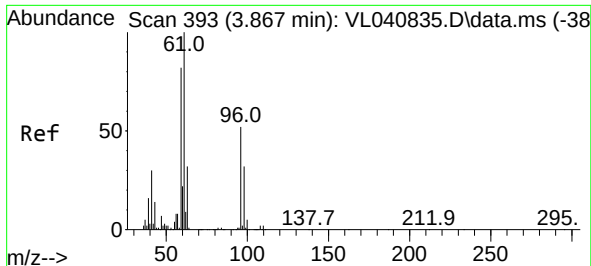
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#16
1,3-Butadiene
Concen: 2.001 ppbv m
RT: 2.986 min Scan# 119
Delta R.T. 0.010 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 39 Resp: 129563
Ion Ratio Lower Upper
39 100
54 84.9 61.8 92.6





#17

tert-Butyl alcohol

Concen: 1.799 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.006 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 21609

Ion Ratio Lower Upper

59 100

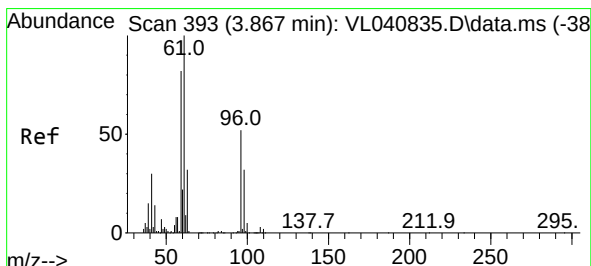
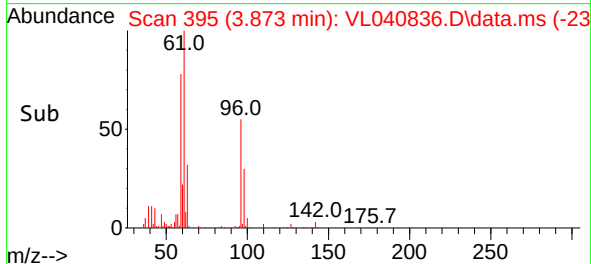
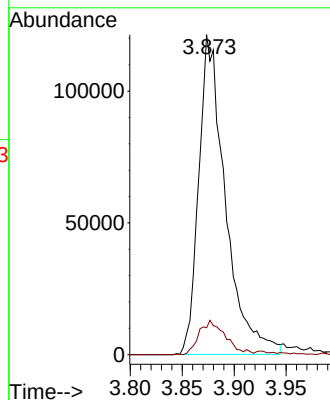
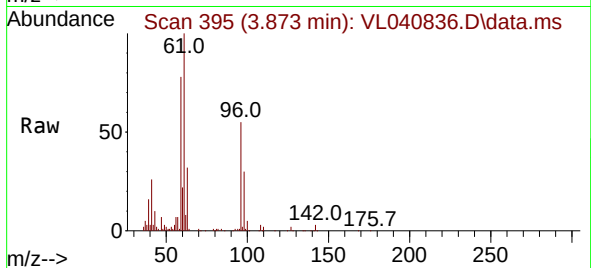
57 10.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#18

1,1-Dichloroethene

Concen: 2.274 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.006 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

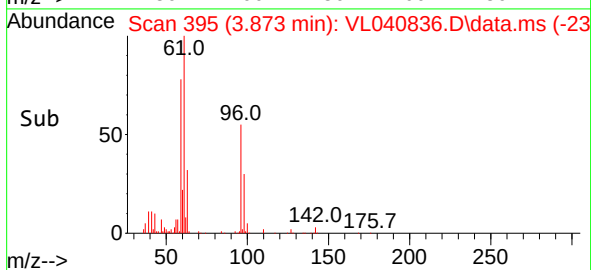
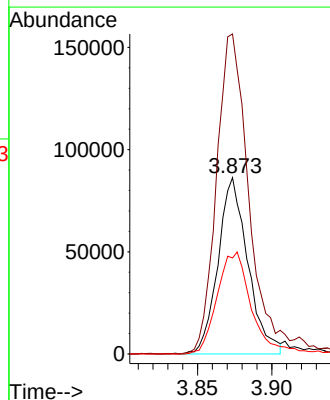
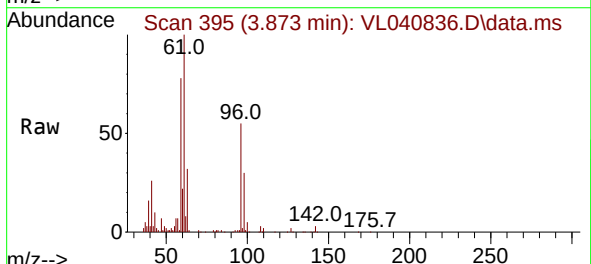
Tgt Ion: 96 Resp: 120560

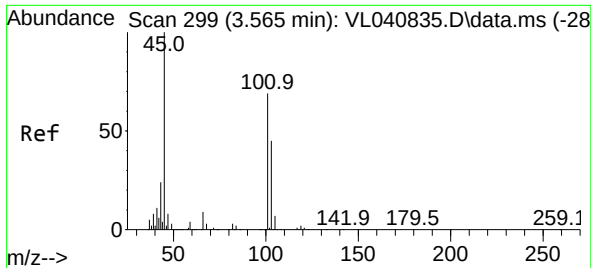
Ion Ratio Lower Upper

96 100

61 181.5 152.6 228.8

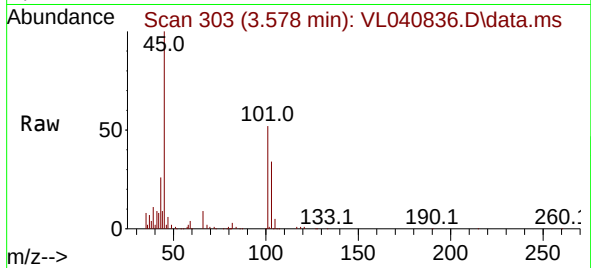
98 54.5 49.2 73.8





#19
Isopropyl Alcohol
Concen: 1.895 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.013 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

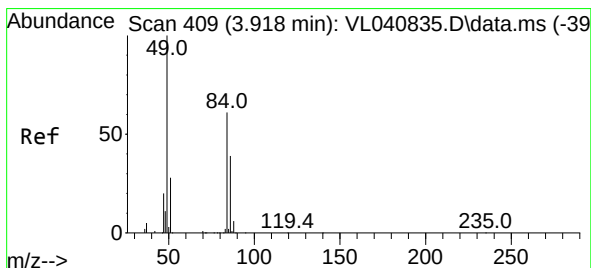
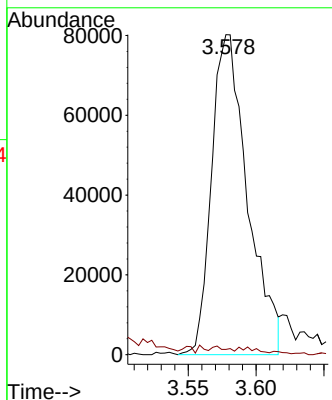
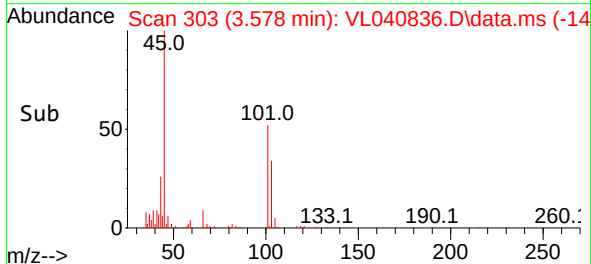
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



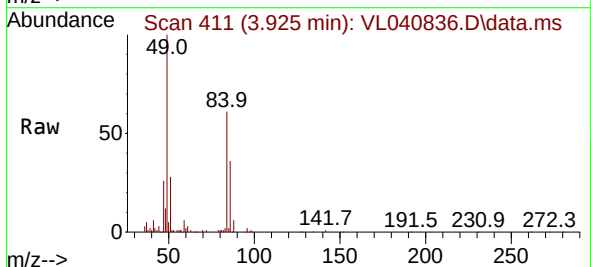
Tgt Ion: 45 Resp: 14802
Ion Ratio Lower Upper
45 100
58 4.6 1.6 2.4

Manual Integrations
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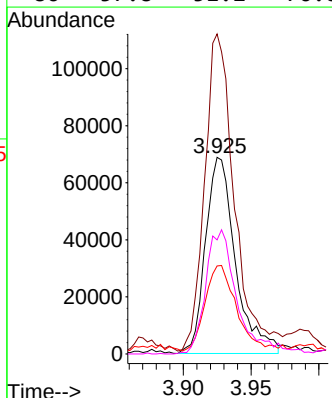
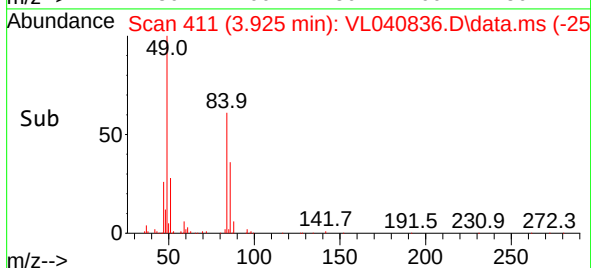
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

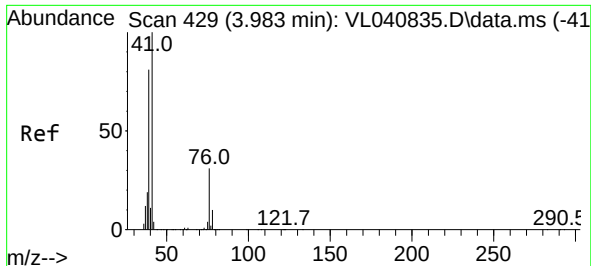


#20
Methylene Chloride
Concen: 2.031 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



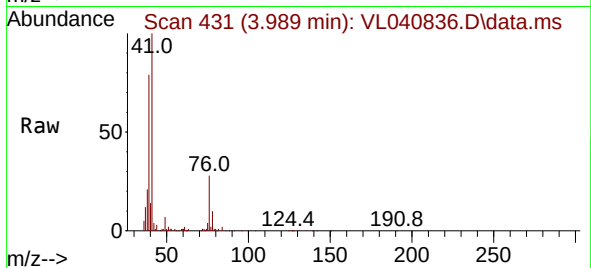
Tgt Ion: 84 Resp: 105941
Ion Ratio Lower Upper
84 100
49 161.7 131.0 196.4
51 42.4 36.9 55.3
86 57.8 51.2 76.8





#21
 Allyl Chloride
 Concen: 2.168 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

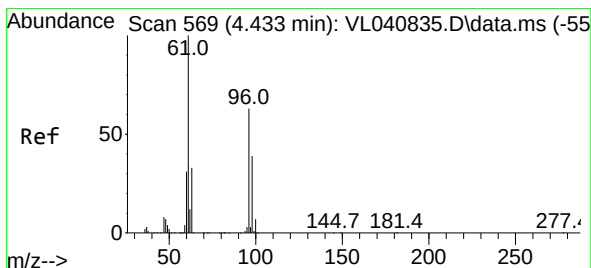
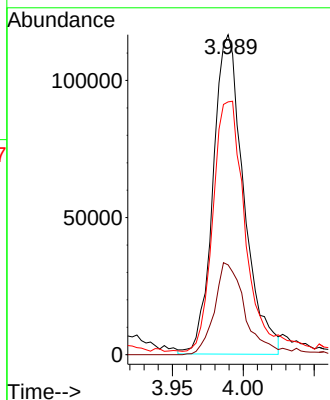
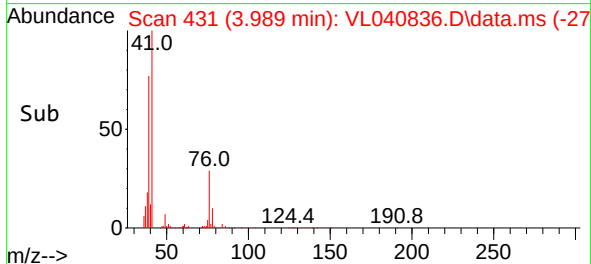
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



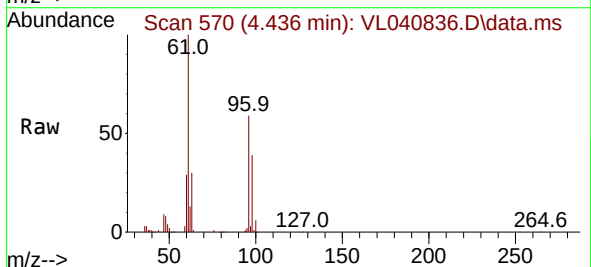
Tgt Ion: 41 Resp: 17565
 Ion Ratio Lower Upper
 41 100
 76 29.8 24.3 36.5
 39 86.6 68.6 103.0

Manual Integrations
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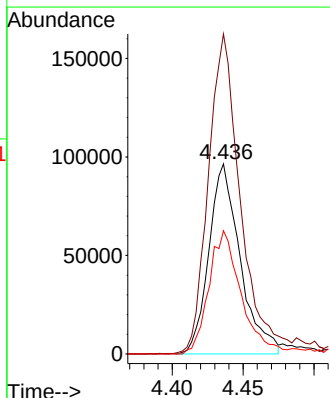
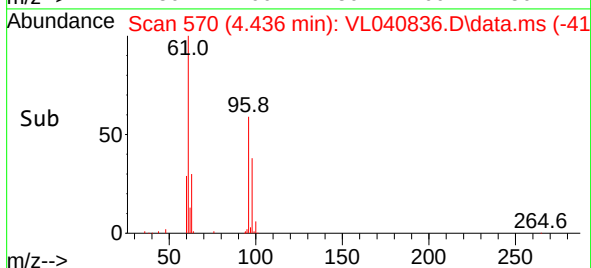
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

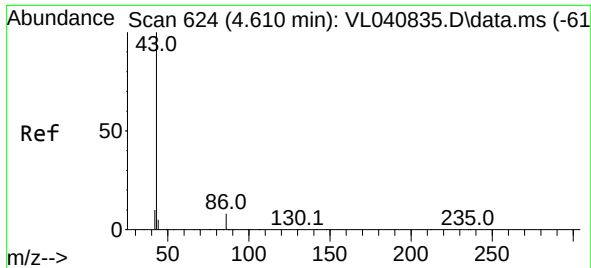


#22
 trans-1,2-Dichloroethene
 Concen: 2.585 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. 0.003 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25



Tgt Ion: 96 Resp: 148357
 Ion Ratio Lower Upper
 96 100
 61 167.5 126.8 190.2
 98 64.8 49.9 74.9





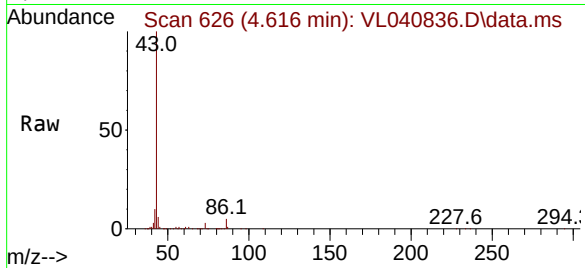
#23
 Vinyl Acetate
 Concen: 2.225 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

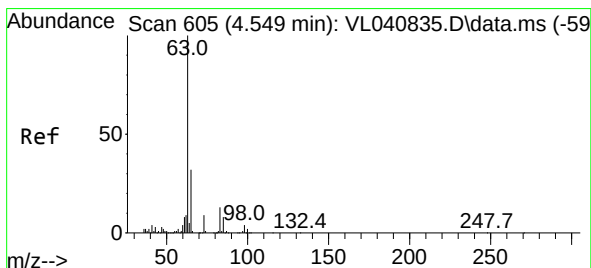
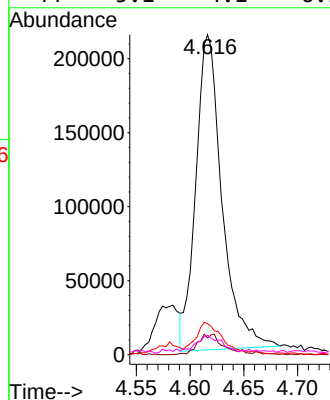
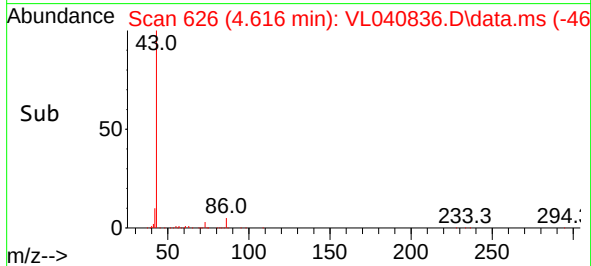


Tgt Ion: 43 Resp: 361512
 Ion Ratio Lower Upper
 43 100
 86 5.2 5.5 8.3
 42 9.4 8.2 12.2
 44 5.1 4.1 6.1

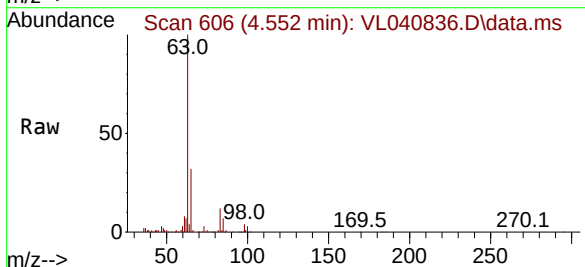
Manual Integrations

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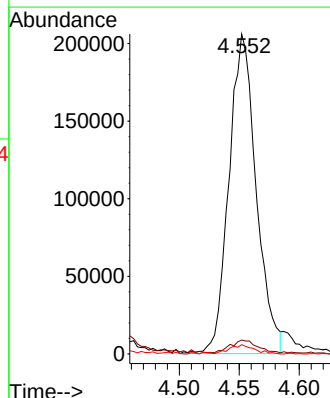
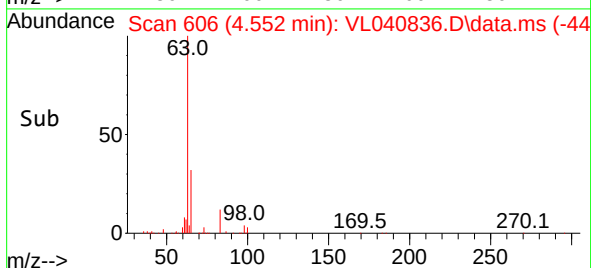
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

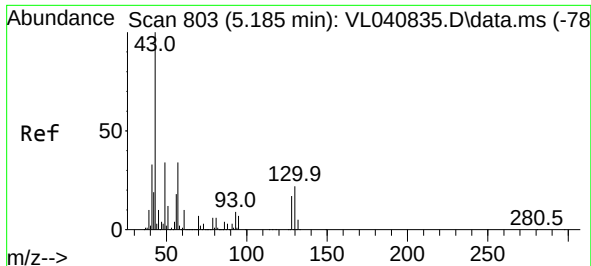


#24
 1,1-Dichloroethane
 Concen: 2.597 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25



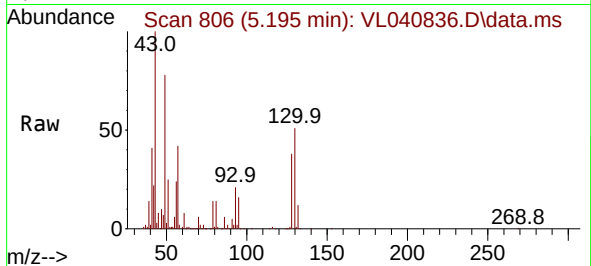
Tgt Ion: 63 Resp: 326497
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.2 6.6
 100 2.9 1.0 3.0





#25
Ethyl Acetate
Concen: 2.098 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.010 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

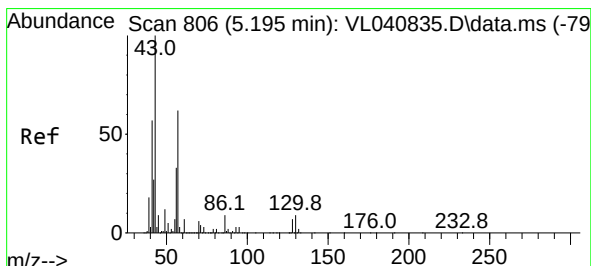
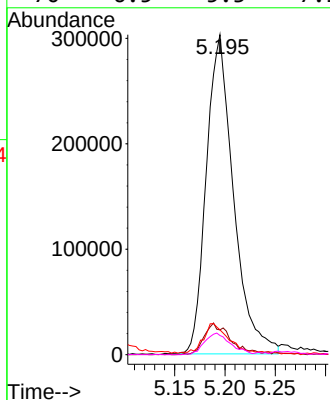
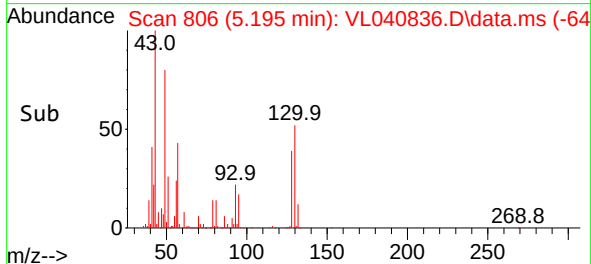
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



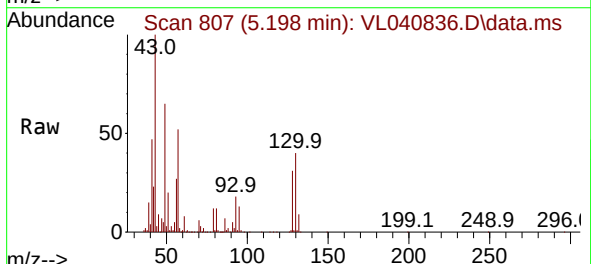
Tgt Ion: 43 Resp: 56993
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 9.5 7.8 11.6
70 6.5 5.3 7.9

Manual Integrations
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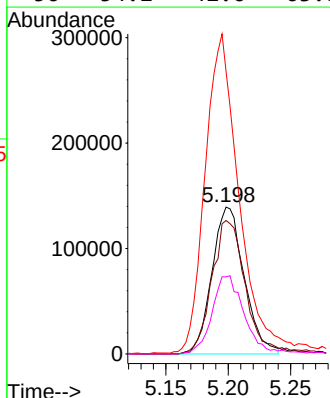
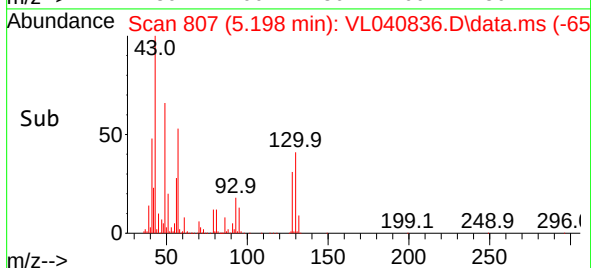
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

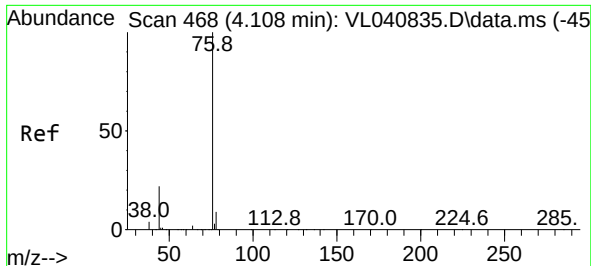


#26
Hexane
Concen: 2.023 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



Tgt Ion: 57 Resp: 250222
Ion Ratio Lower Upper
57 100
41 96.5 75.2 112.8
43 238.5 185.4 278.2
56 54.2 42.6 63.8





#27

Carbon Disulfide

Concen: 2.203 ppbv

RT: 4.118 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 76 Resp: 30564

Ion Ratio Lower Upper

76 100

44 22.0 16.6 24.8

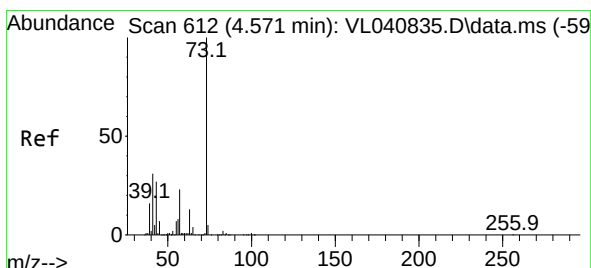
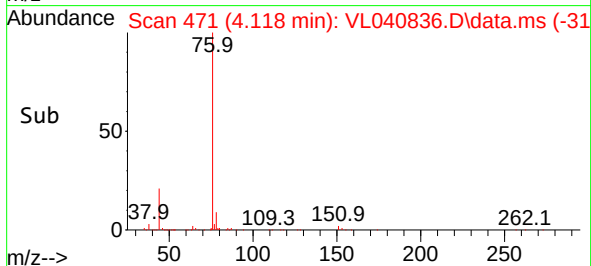
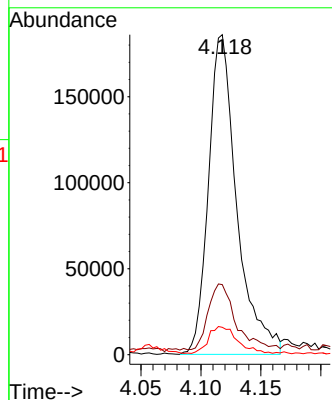
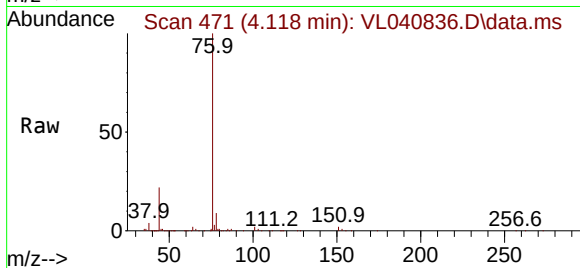
78 10.4 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#28

Methyl tert-Butyl Ether

Concen: 2.358 ppbv

RT: 4.581 min Scan# 615

Delta R.T. 0.010 min

Lab File: VL040836.D

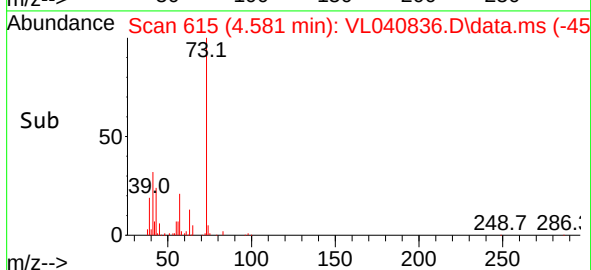
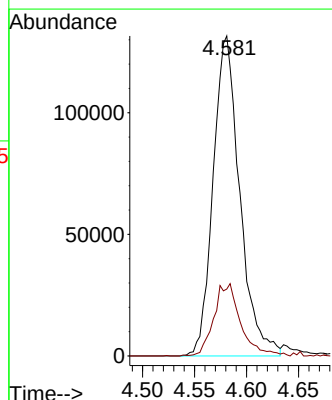
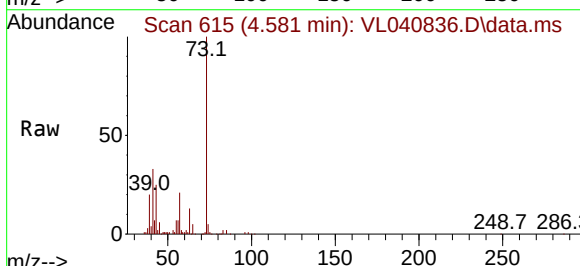
Acq: 13 Nov 2023 11:25

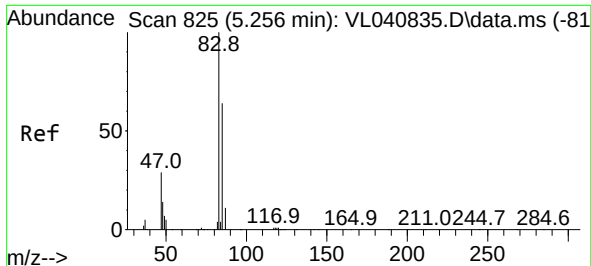
Tgt Ion: 73 Resp: 234338

Ion Ratio Lower Upper

73 100

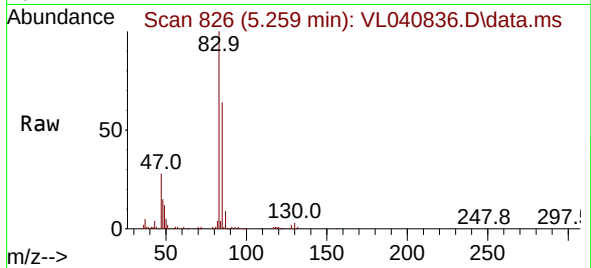
57 22.7 18.0 27.0





#29
Chloroform
Concen: 2.269 ppbv
RT: 5.259 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

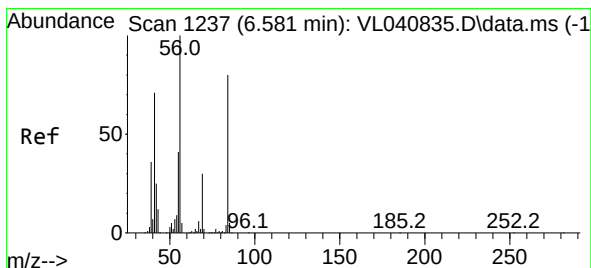
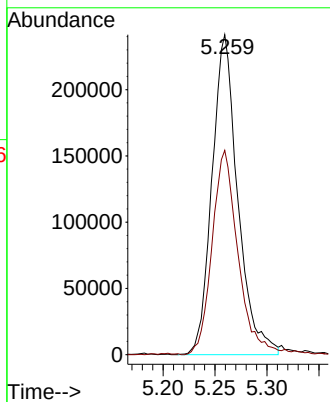
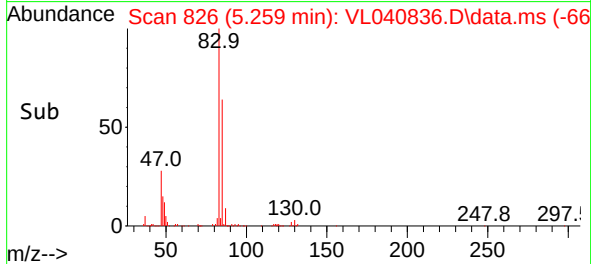
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



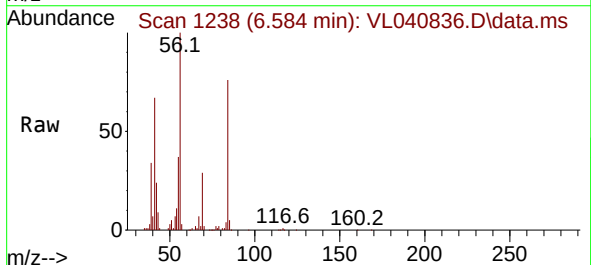
Tgt Ion: 83 Resp: 41668
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0

Manual Integrations
APPROVED

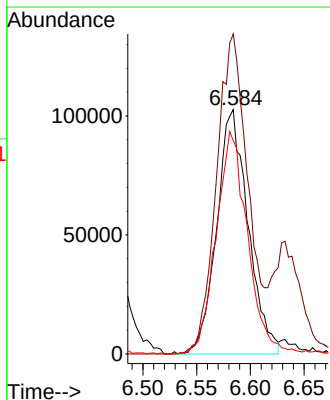
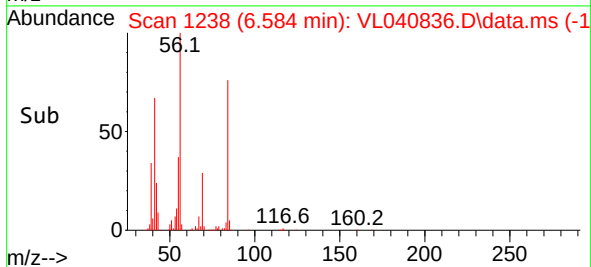
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

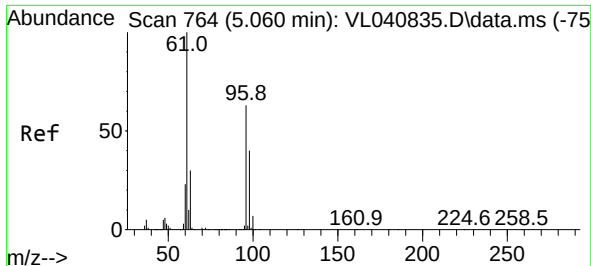


#30
Cyclohexane
Concen: 1.984 ppbv
RT: 6.584 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



Tgt Ion: 84 Resp: 208317
Ion Ratio Lower Upper
84 100
56 133.0 109.3 163.9
41 91.9 71.4 107.2





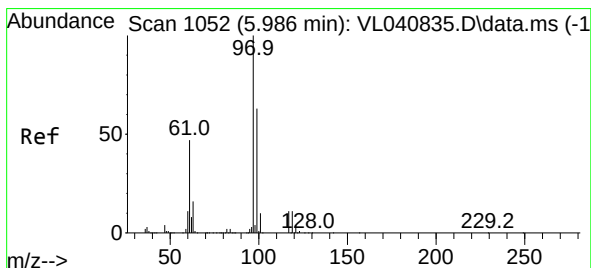
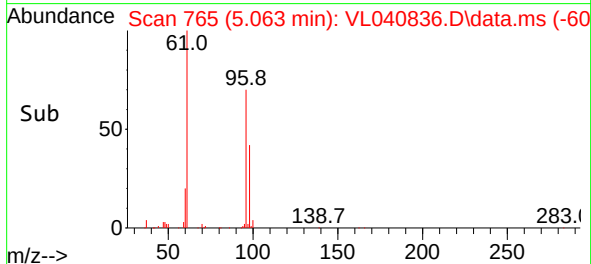
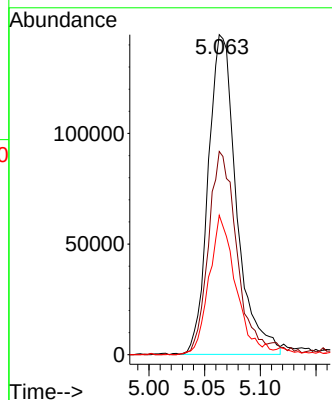
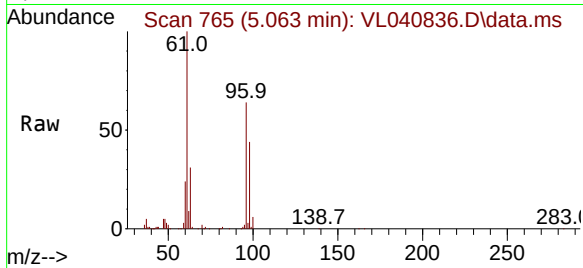
#31
 cis-1,2-Dichloroethene
 Concen: 2.197 ppbv
 RT: 5.063 min Scan# 764
 Delta R.T. 0.003 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 61 Resp: 254623
 Ion Ratio Lower Upper
 61 100
 96 63.4 50.5 75.7
 98 43.4 31.9 47.9

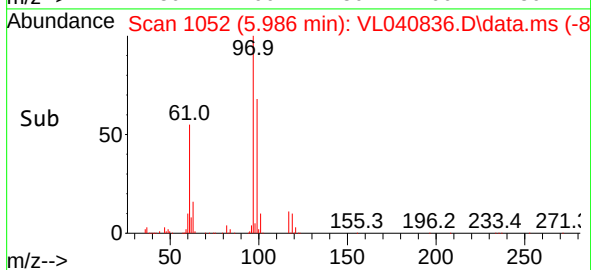
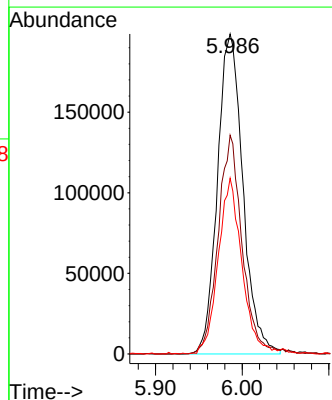
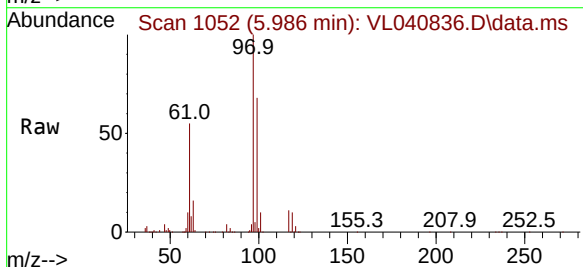
Manual Integrations
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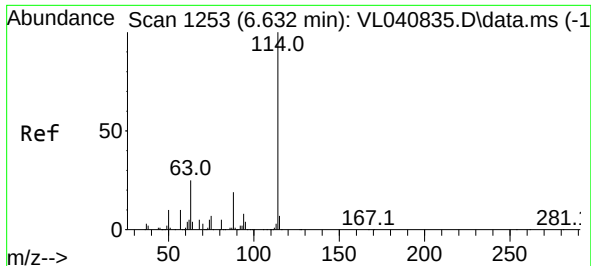
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#32
 1,1,1-Trichloroethane
 Concen: 2.098 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.000 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

Tgt Ion: 97 Resp: 405570
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.2 78.4
 61 51.7 41.0 61.4





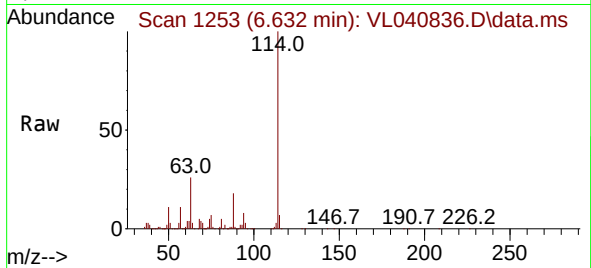
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

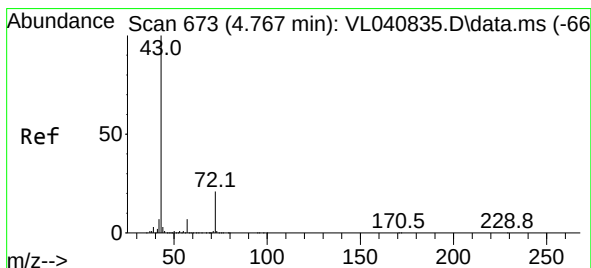
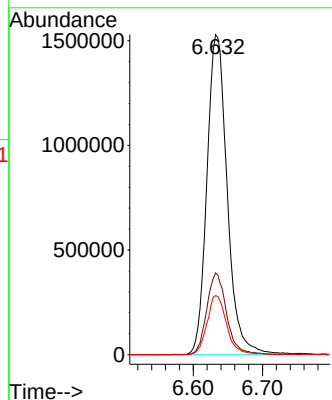
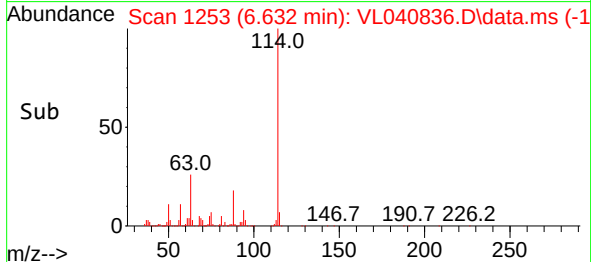


Tgt Ion:114 Resp: 310262
Ion Ratio Lower Upper
114 100
63 25.3 20.7 31.1
88 18.0 14.3 21.5

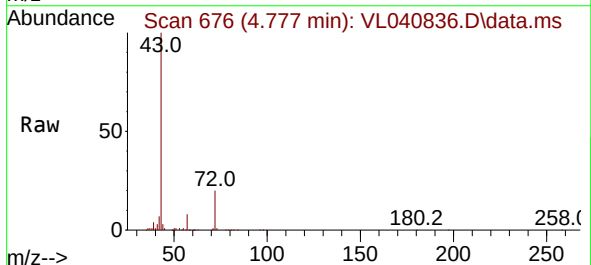
Manual Integrations

APPROVED

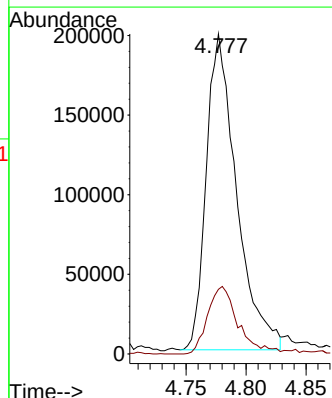
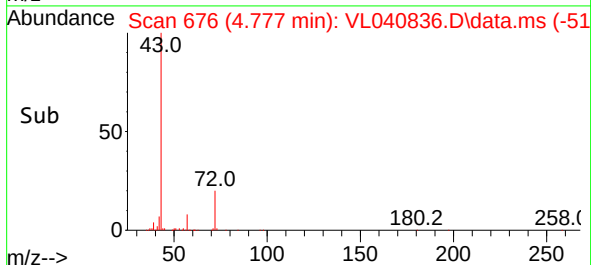
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

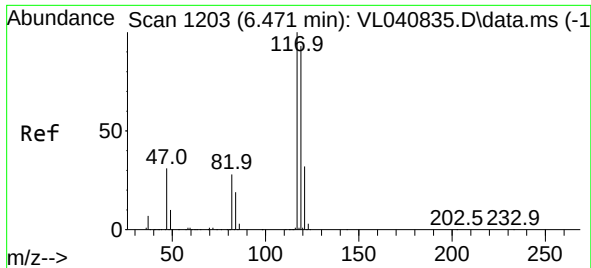


#34
2-Butanone
Concen: 2.351 ppbv
RT: 4.777 min Scan# 676
Delta R.T. 0.010 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



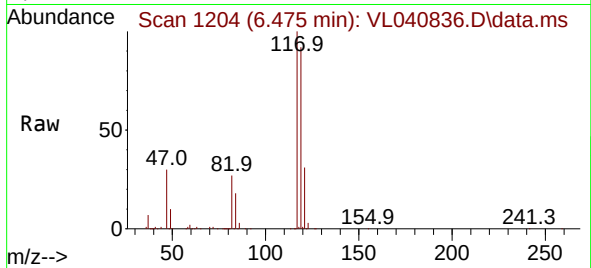
Tgt Ion: 43 Resp: 348153
Ion Ratio Lower Upper
43 100
72 23.0 17.2 25.8





#35
Carbon Tetrachloride
Concen: 2.401 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

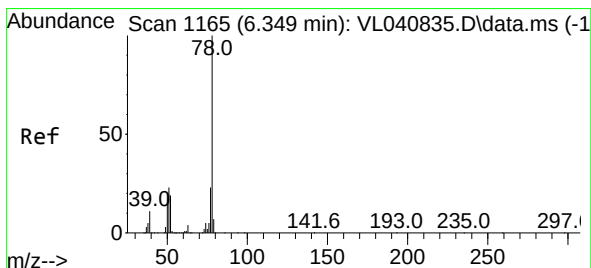
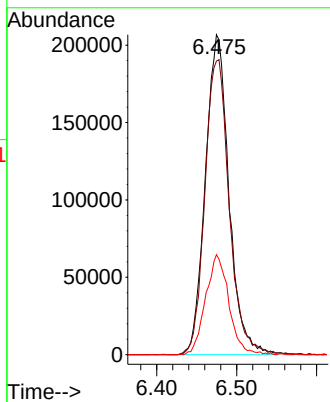
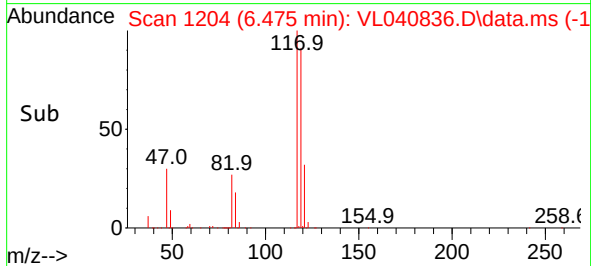
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



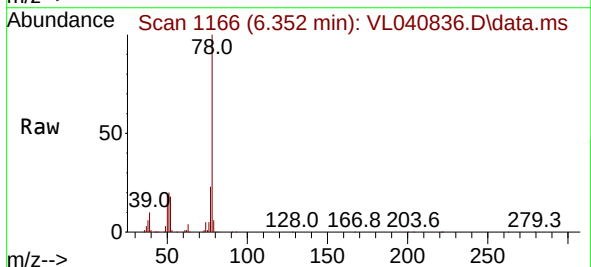
Tgt Ion: 117 Resp: 424974
Ion Ratio Lower Upper
117 100
119 91.8 74.7 112.1
121 31.3 25.5 38.3

Manual Integrations
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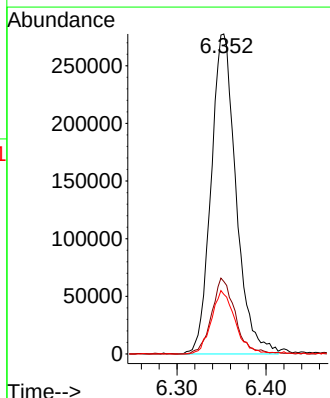
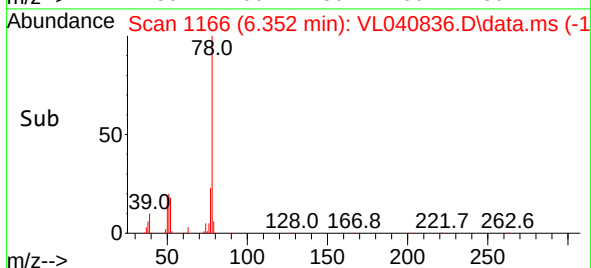
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

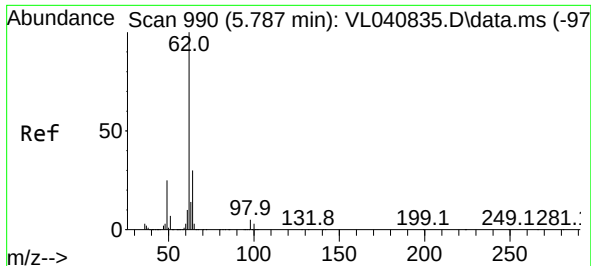


#36
Benzene
Concen: 2.265 ppbv
RT: 6.352 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



Tgt Ion: 78 Resp: 540228
Ion Ratio Lower Upper
78 100
77 22.7 18.4 27.6
50 18.7 16.2 24.2





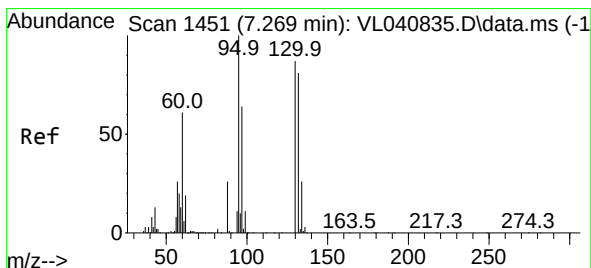
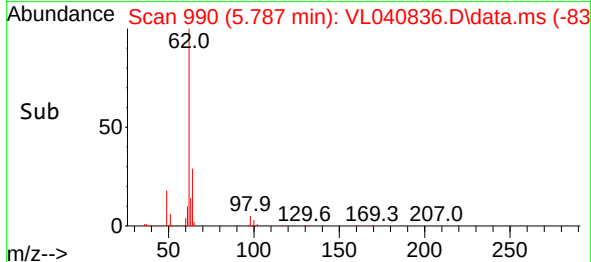
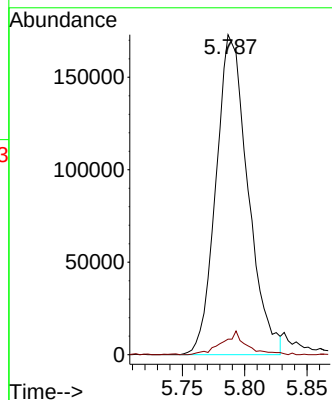
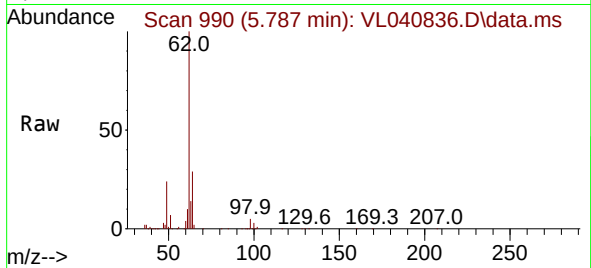
#37
1,2-Dichloroethane
Concen: 2.451 ppbv
RT: 5.787 min Scan# 990
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 62 Resp: 308424
Ion Ratio Lower Upper
62 100
98 5.7 4.6 6.8

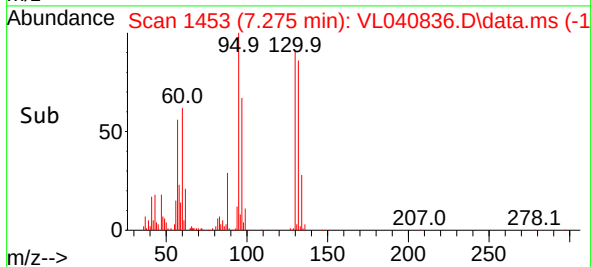
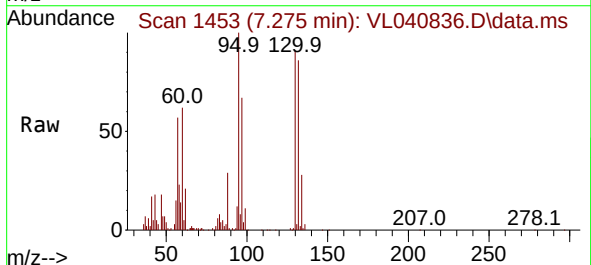
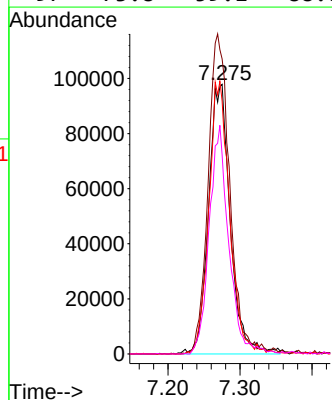
Manual Integrations
APPROVED

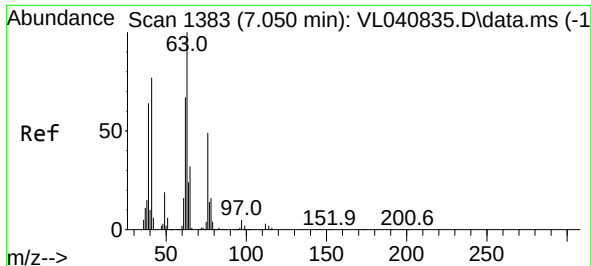
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#38
Trichloroethene
Concen: 1.948 ppbv m
RT: 7.275 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:130 Resp: 205010
Ion Ratio Lower Upper
130 100
95 109.4 92.4 138.6
132 93.8 75.1 112.7
97 73.8 59.1 88.7





#39

1,2-Dichloropropane

Concen: 2.264 ppbv

RT: 7.053 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 63 Resp: 211078

Ion Ratio Lower Upper

63 100

41 74.6 61.5 92.3

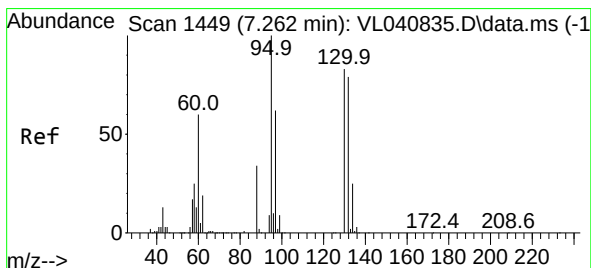
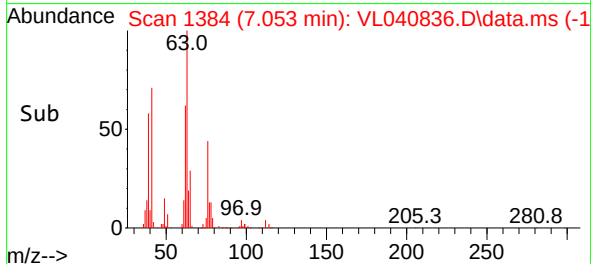
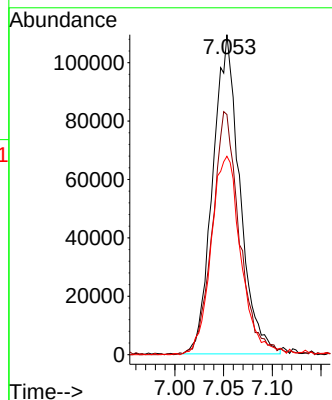
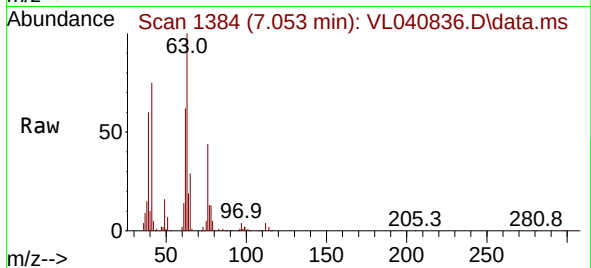
62 62.1 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#40

1,4-Dioxane

Concen: 2.437 ppbv m

RT: 7.282 min Scan# 1455

Delta R.T. 0.019 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Tgt Ion: 88 Resp: 85169

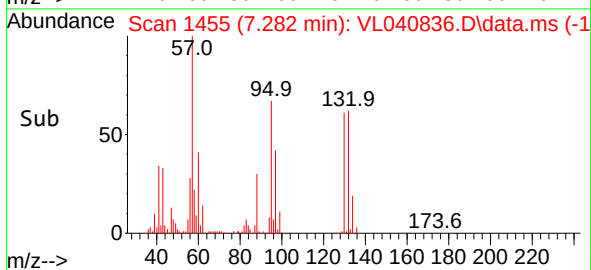
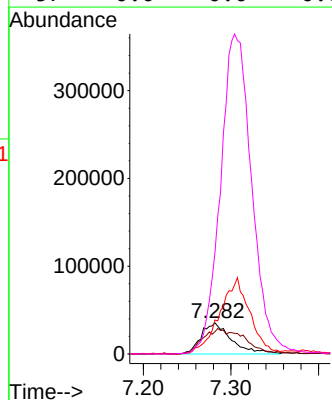
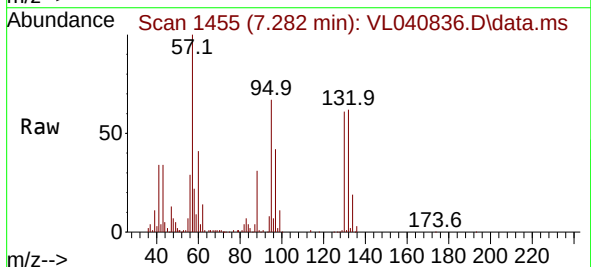
Ion Ratio Lower Upper

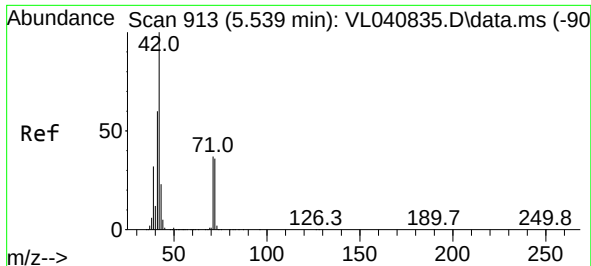
88 100

58 0.0 101.5 152.3#

43 0.0 0.0 0.0

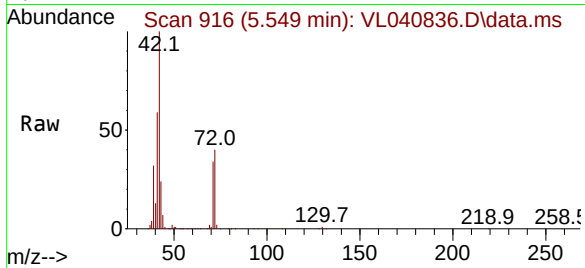
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 2.093 ppbv
RT: 5.549 min Scan# 913
Delta R.T. 0.010 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

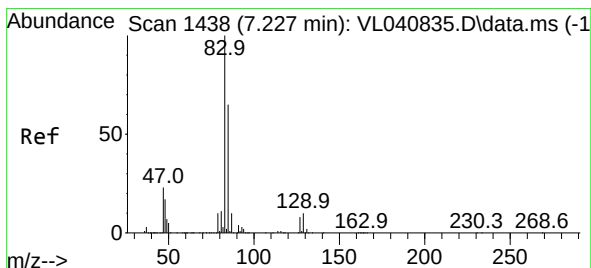
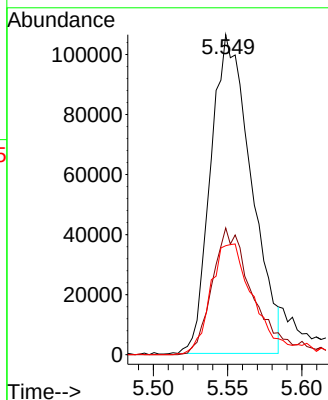
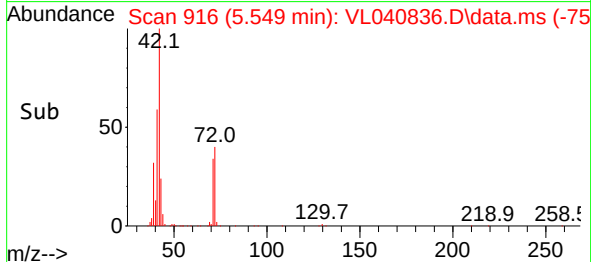
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 42 Resp: 202110
Ion Ratio Lower Upper
42 100
72 41.2 30.8 46.2
71 39.4 30.0 45.0

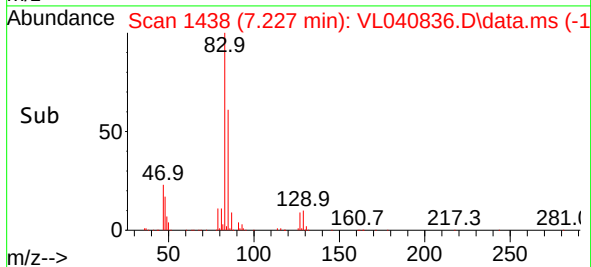
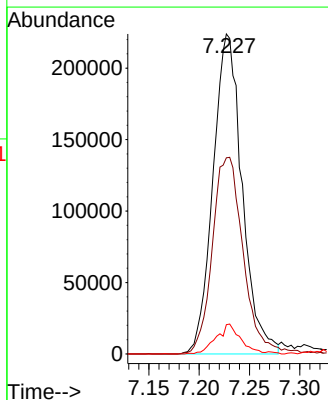
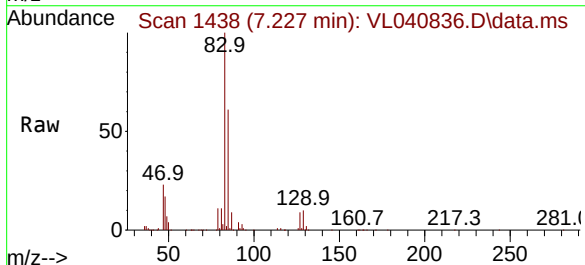
Manual Integrations
APPROVED

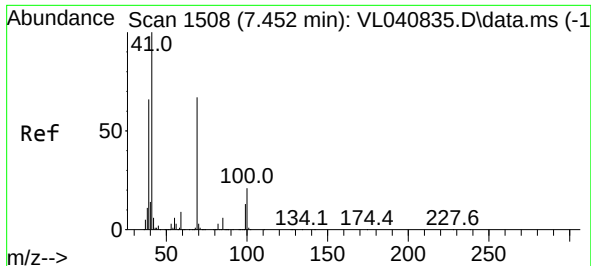
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#42
Bromodichloromethane
Concen: 2.405 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 83 Resp: 450844
Ion Ratio Lower Upper
83 100
85 61.3 52.3 78.5
127 9.1 6.6 10.0





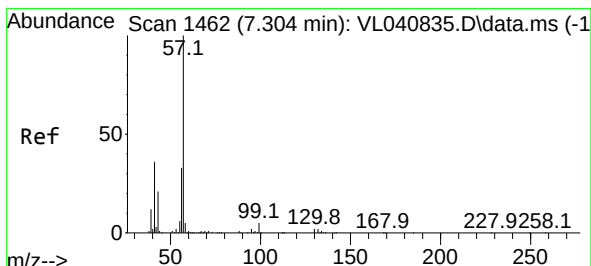
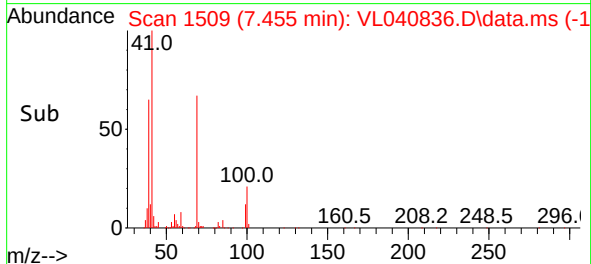
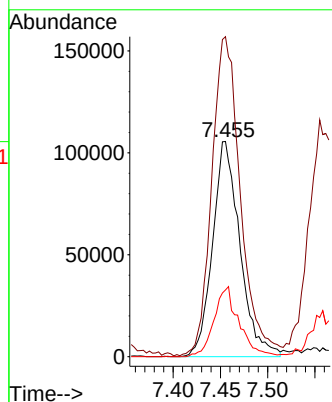
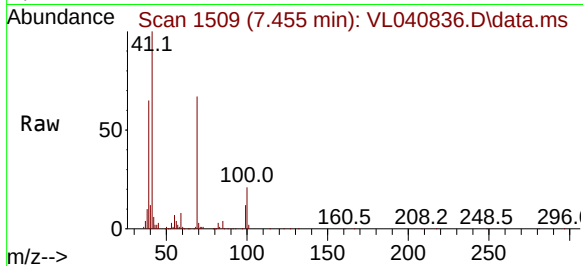
#43
Methyl Methacrylate
Concen: 2.227 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 212435
Ion Ratio Lower Upper
69 100
41 154.7 123.5 185.3
100 29.8 25.4 38.2

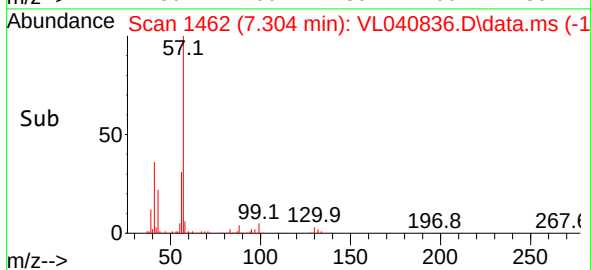
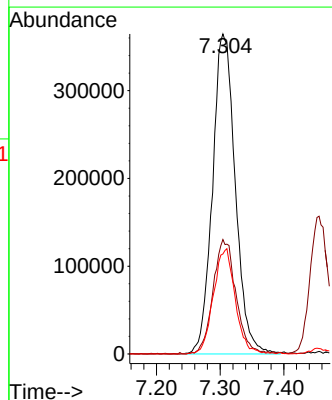
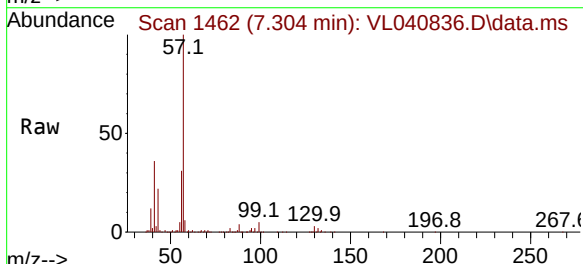
Manual Integrations
APPROVED

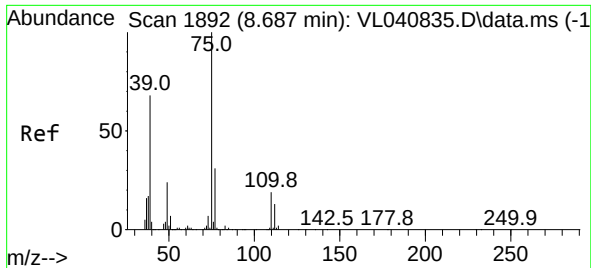
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44
2,2,4-Trimethylpentane
Concen: 2.251 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

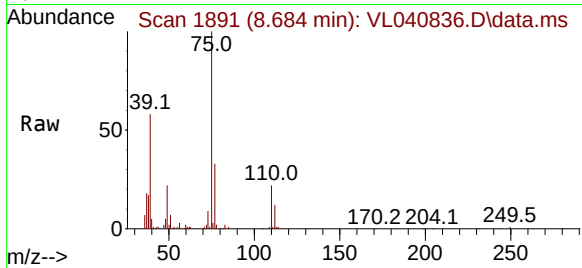
Tgt Ion: 57 Resp: 908602
Ion Ratio Lower Upper
57 100
41 36.2 29.0 43.6
56 31.6 25.2 37.8





#45
 t-1,3-Dichloropropene
 Concen: 1.606 ppbv m
 RT: 8.684 min Scan# 1891
 Delta R.T. -0.003 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

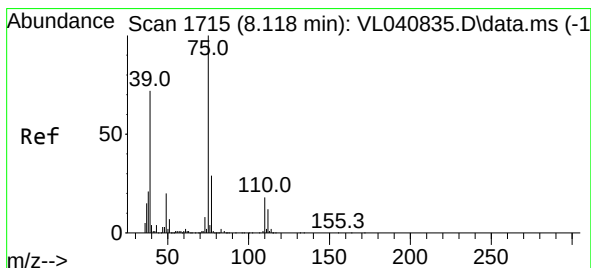
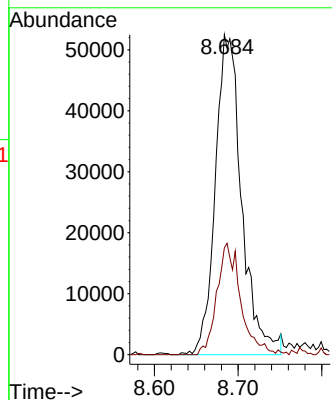
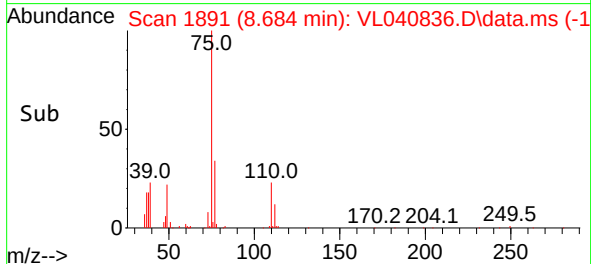
Instrument : MSVOA_L
 ClientSampleId : VSTDICC002



Tgt Ion: 75 Resp: 114880
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.9 37.3

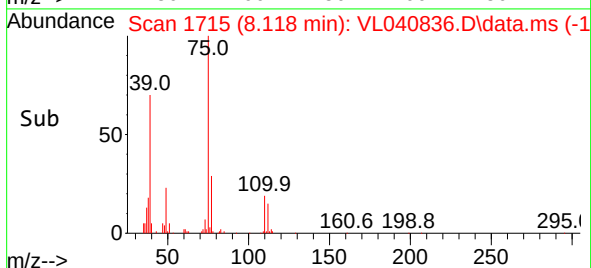
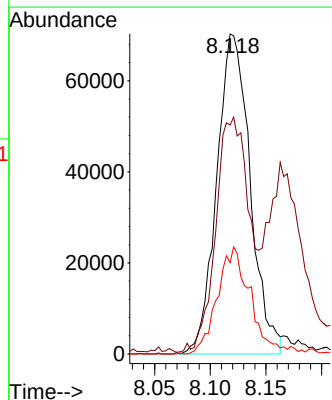
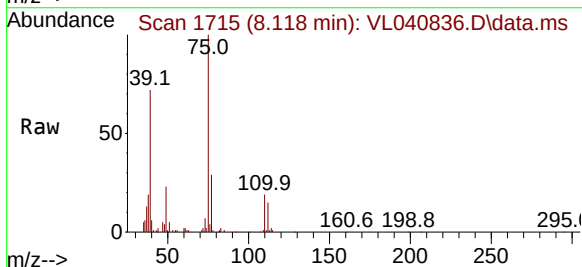
Manual Integrations
 APPROVED

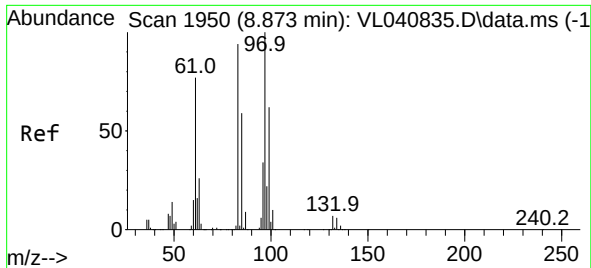
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#46
 cis-1,3-Dichloropropene
 Concen: 1.648 ppbv
 RT: 8.118 min Scan# 1715
 Delta R.T. 0.000 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

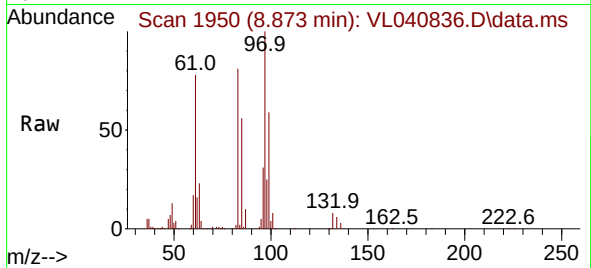
Tgt Ion: 75 Resp: 146668
 Ion Ratio Lower Upper
 75 100
 39 70.9 57.3 85.9
 77 28.2 23.0 34.6





#47
1,1,2-Trichloroethane
Concen: 2.214 ppbv
RT: 8.873 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

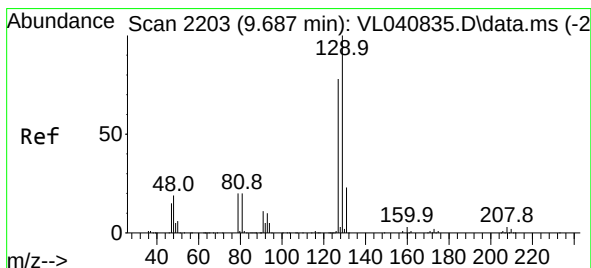
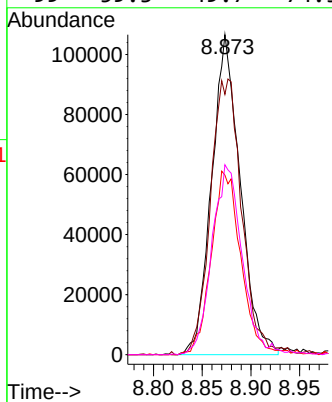
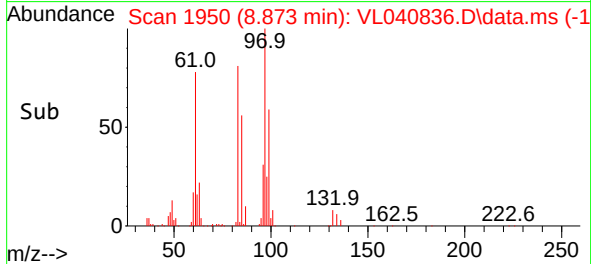
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 97 Resp: 217510
Ion Ratio Lower Upper
97 100
83 81.3 74.8 112.2
85 56.1 47.4 71.0
99 59.3 49.7 74.5

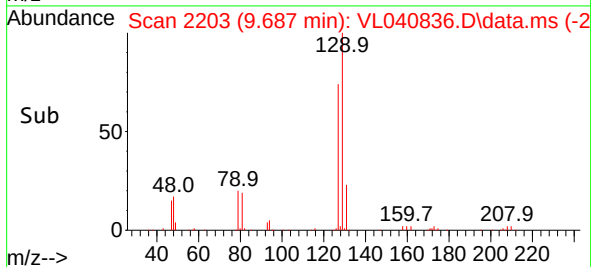
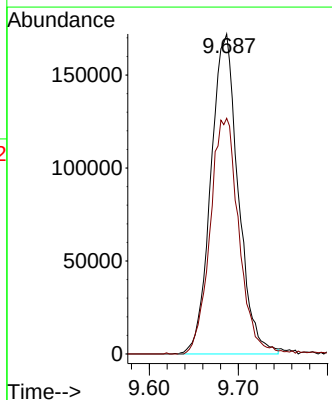
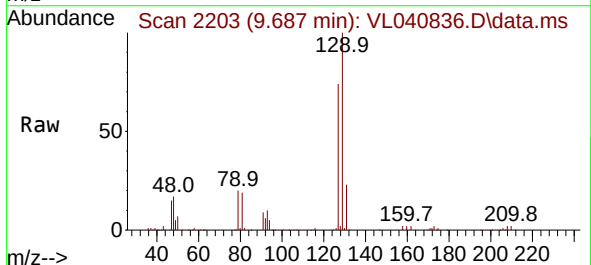
Manual Integrations
APPROVED

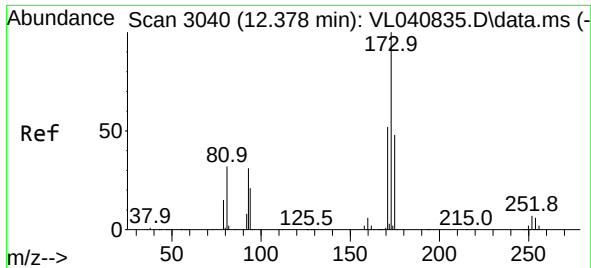
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48
Dibromochloromethane
Concen: 2.224 ppbv
RT: 9.687 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:129 Resp: 367850
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.9





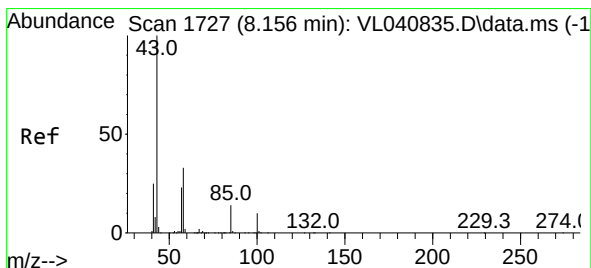
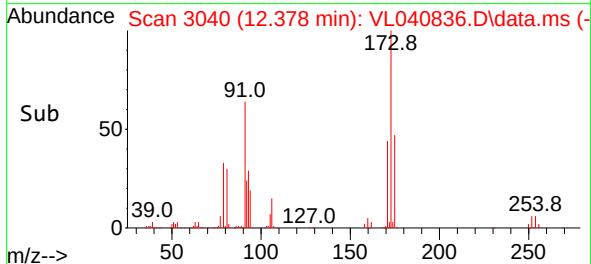
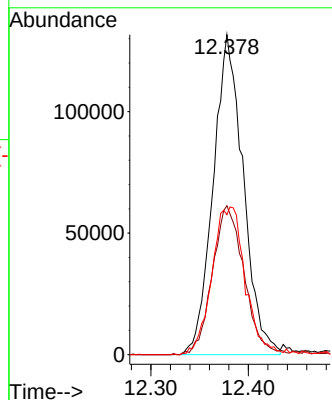
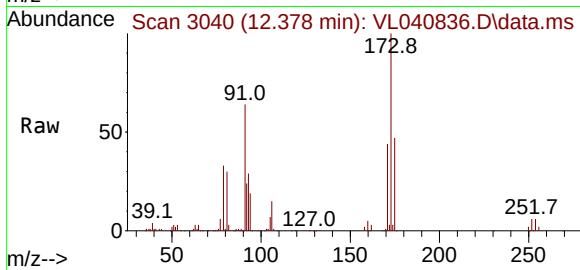
#49
Bromoform
Concen: 2.143 ppbv
RT: 12.378 min Scan# 3040
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 173 Resp: 282315
Ion Ratio Lower Upper
173 100
175 49.0 39.1 58.7
171 51.5 41.9 62.9

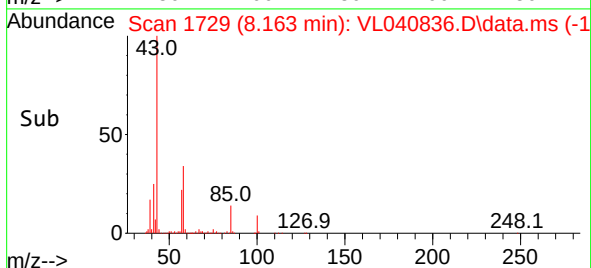
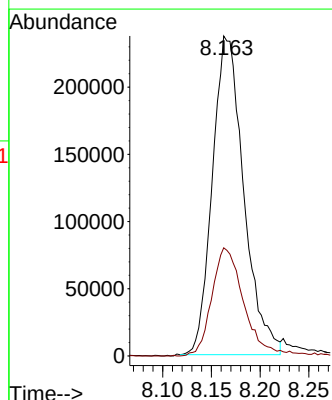
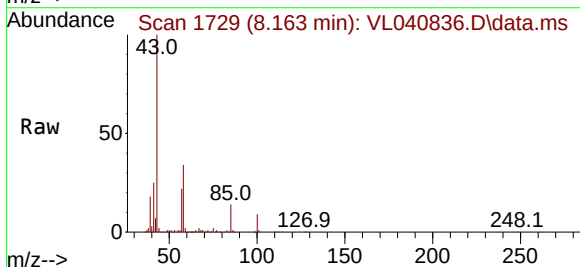
Manual Integrations
APPROVED

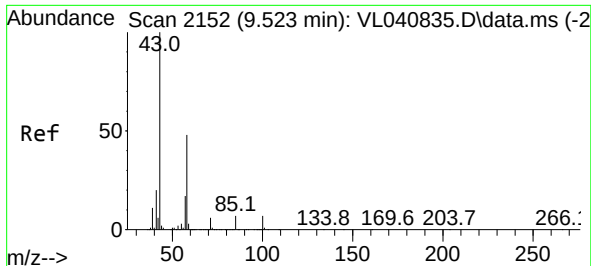
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#50
4-Methyl-2-Pentanone
Concen: 2.206 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 43 Resp: 530813
Ion Ratio Lower Upper
43 100
58 35.1 27.7 41.5





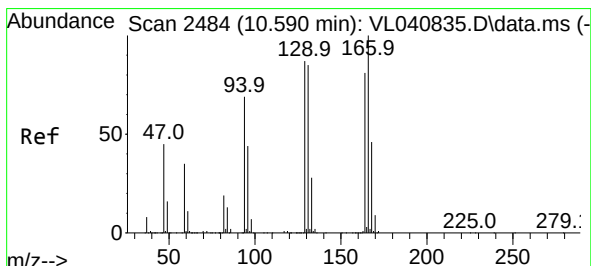
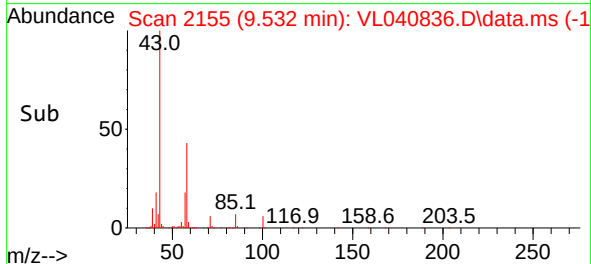
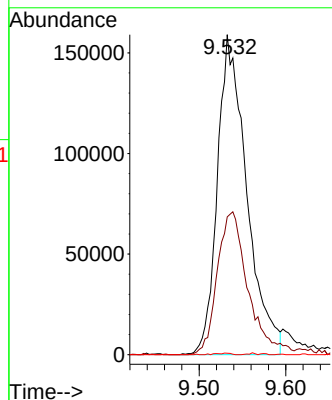
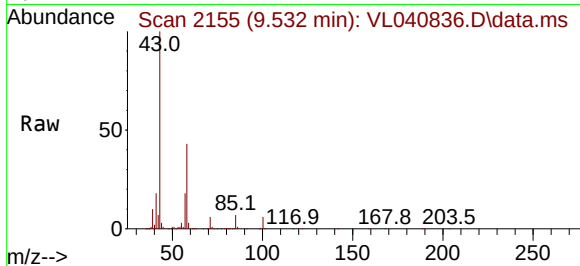
#51
2-Hexanone
Concen: 2.054 ppbv
RT: 9.532 min Scan# 2152
Delta R.T. 0.010 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 373392
Ion Ratio Lower Upper
43 100
58 48.3 37.4 56.0
98 0.2 0.2 0.4

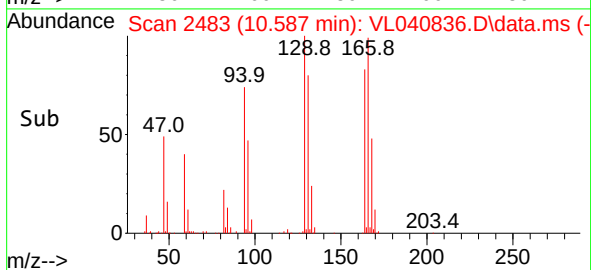
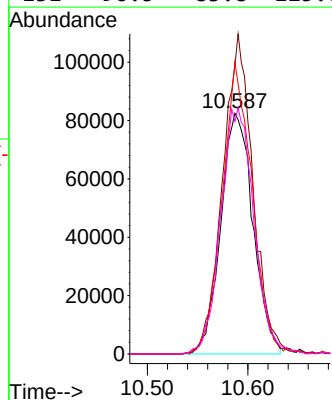
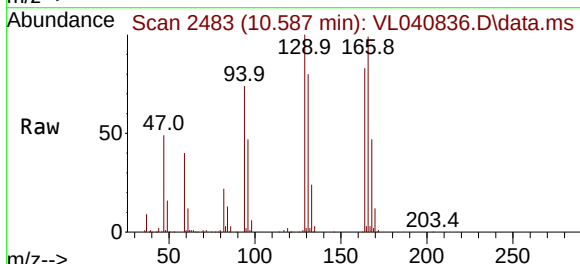
Manual Integrations
APPROVED

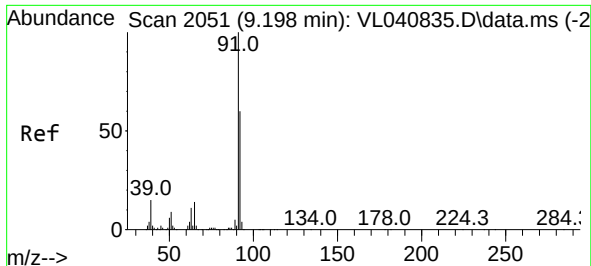
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52
Tetrachloroethene
Concen: 1.914 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:164 Resp: 183317
Ion Ratio Lower Upper
164 100
166 120.0 98.3 147.5
129 121.2 85.1 127.7
131 96.5 83.8 125.6





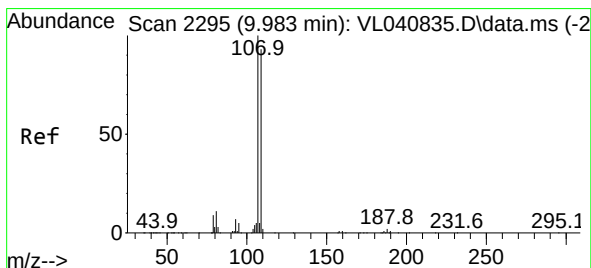
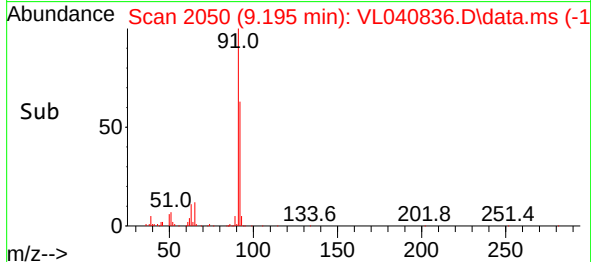
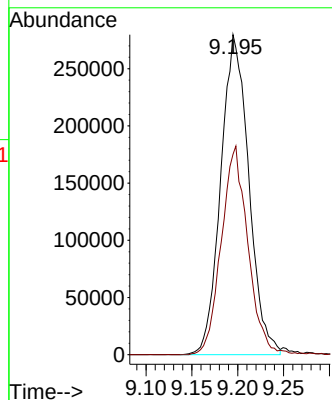
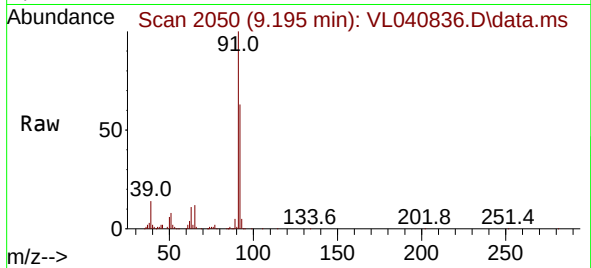
#53
Toluene
Concen: 2.098 ppbv
RT: 9.195 min Scan# 2051
Delta R.T. -0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 91 Resp: 59369
Ion Ratio Lower Upper
91 100
92 62.2 49.4 74.2

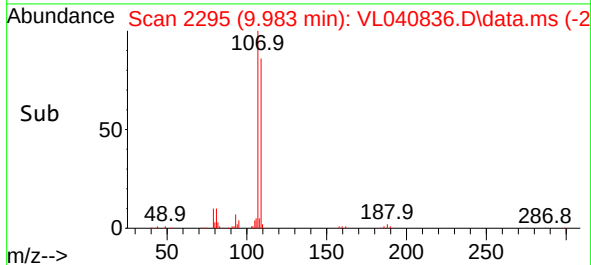
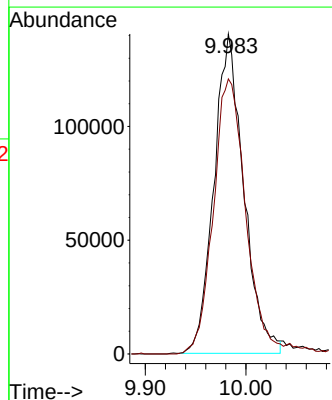
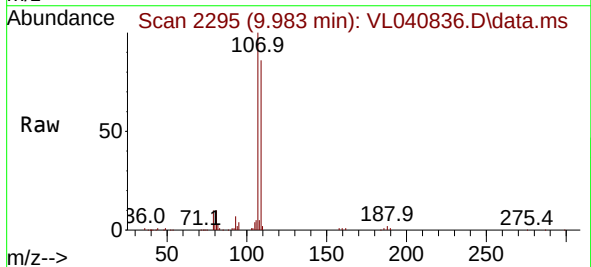
Manual Integrations
APPROVED

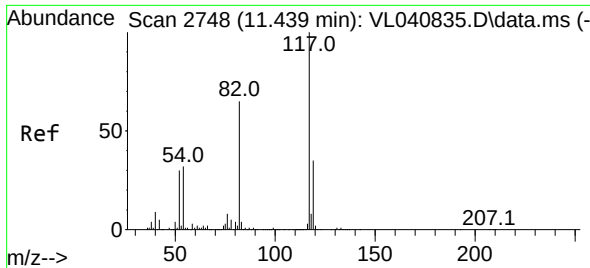
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#54
1,2-Dibromoethane
Concen: 2.116 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

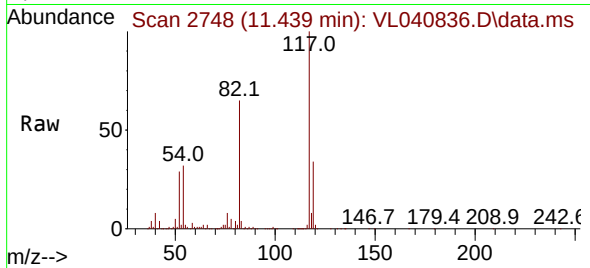
Tgt Ion:107 Resp: 288890
Ion Ratio Lower Upper
107 100
109 85.9 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

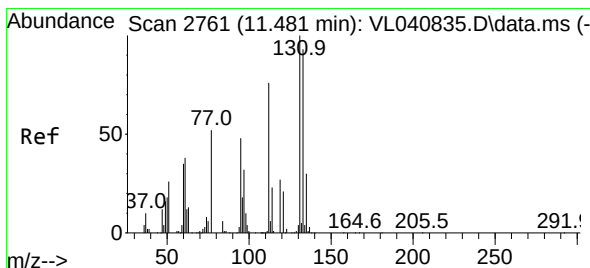
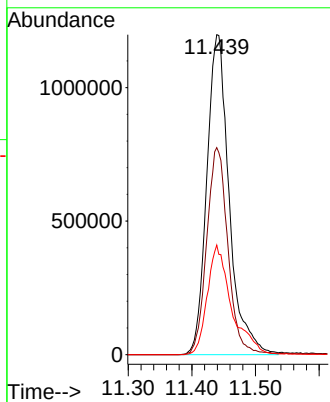
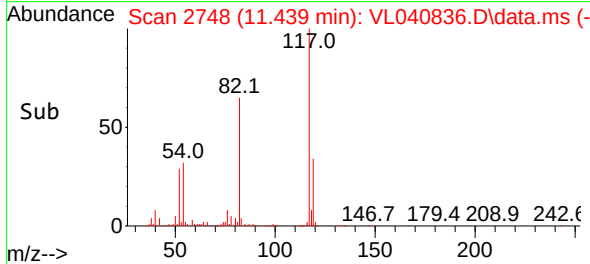
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



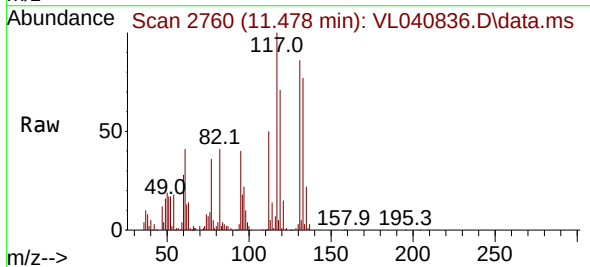
Tgt Ion:117 Resp: 2926579
Ion Ratio Lower Upper
117 100
82 61.8 50.6 75.8
119 37.2 23.3 34.9

Manual Integrations
APPROVED

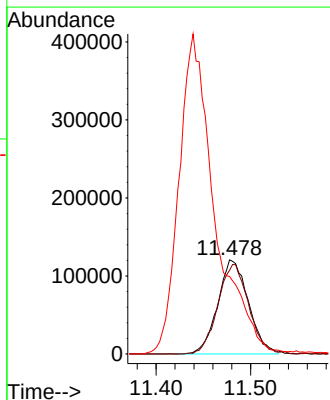
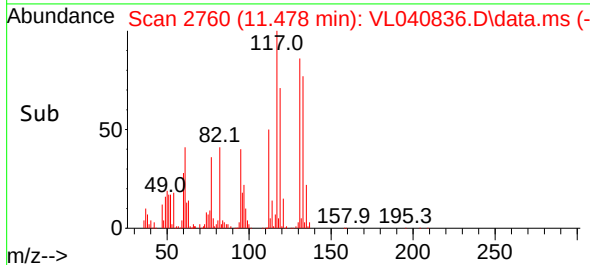
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

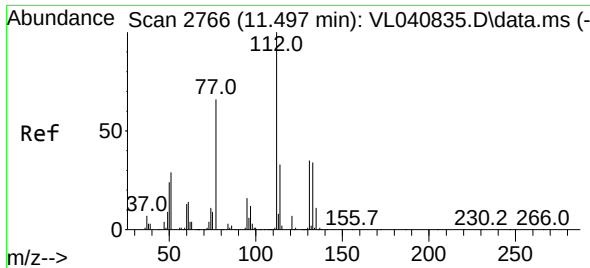


#56
1,1,1,2-Tetrachloroethane
Concen: 2.249 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



Tgt Ion:131 Resp: 271052
Ion Ratio Lower Upper
131 100
133 96.2 76.5 114.7
119 401.4 47.2 70.8





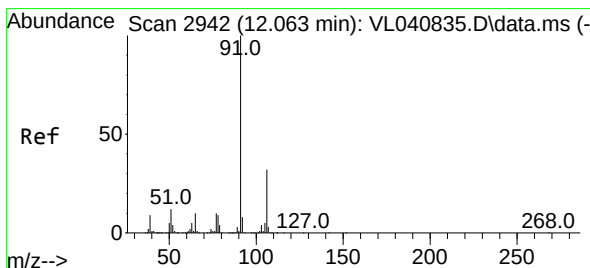
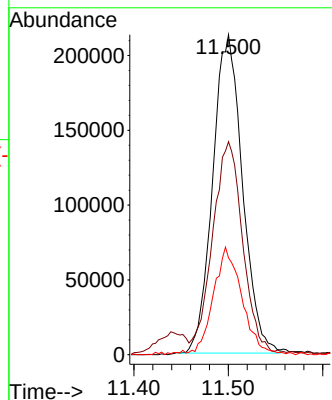
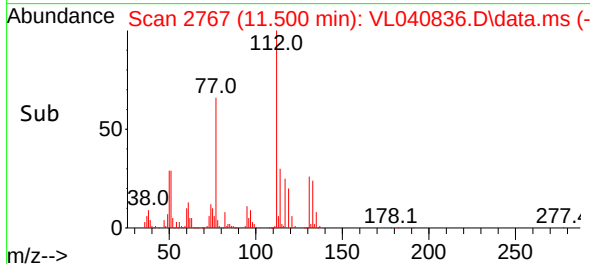
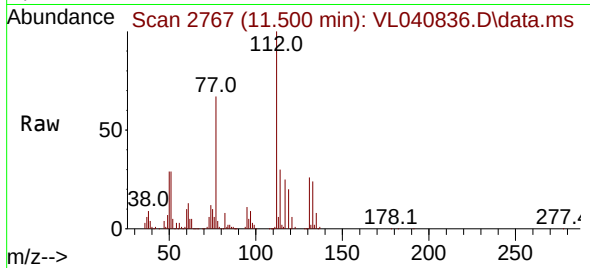
#57
Chlorobenzene
Concen: 2.212 ppbv
RT: 11.500 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 46603
Ion Ratio Lower Upper
112 100
77 65.7 53.3 79.9
114 29.8 29.3 35.9

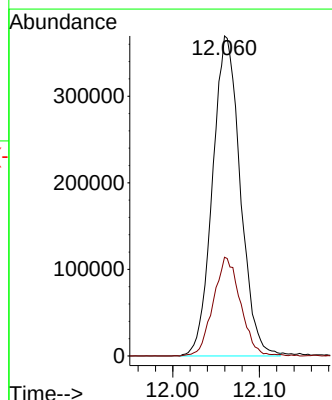
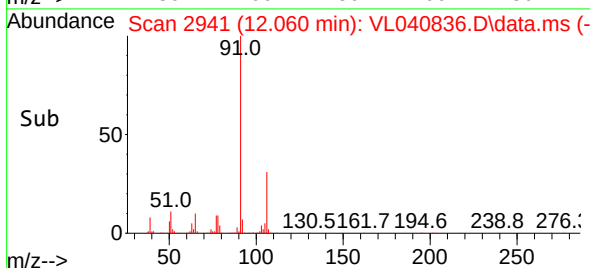
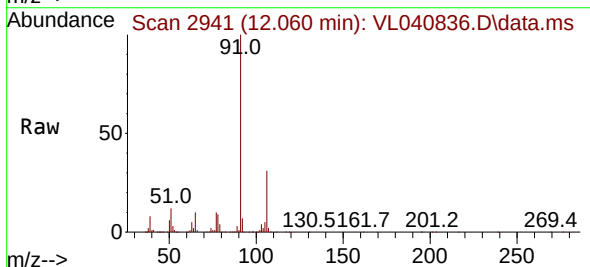
Manual Integrations
APPROVED

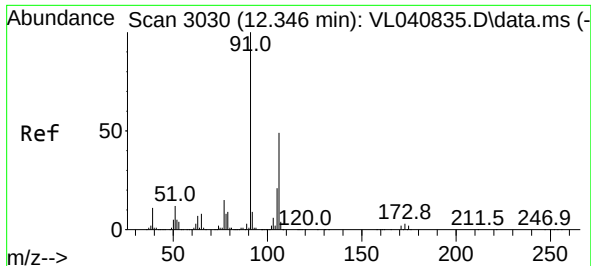
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#58
Ethyl Benzene
Concen: 2.213 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 91 Resp: 822118
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8





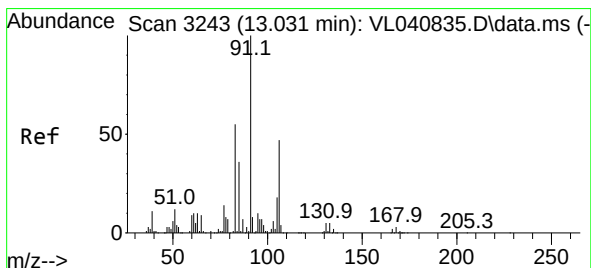
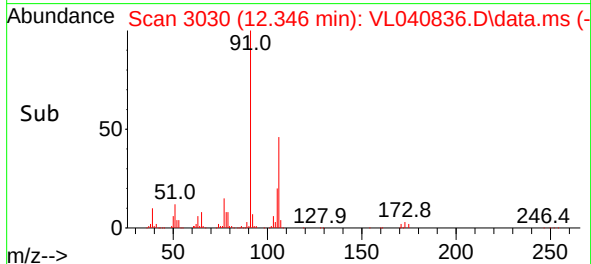
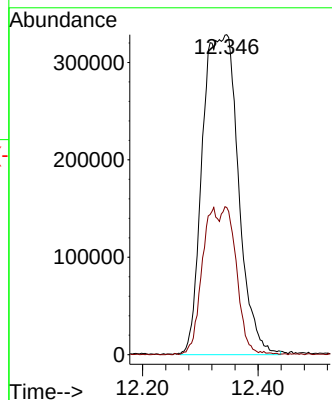
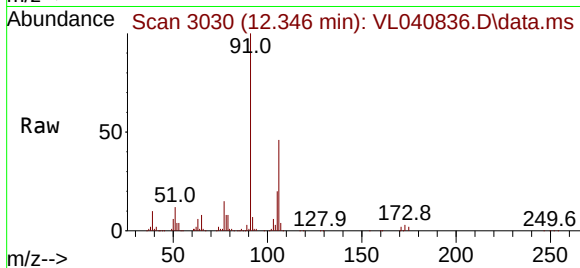
#59
m/p-Xylene
Concen: 4.599 ppbv m
RT: 12.346 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 141191
Ion Ratio Lower Upper
91 100
106 42.7 35.4 53.2

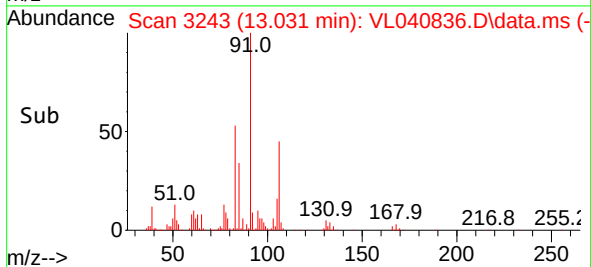
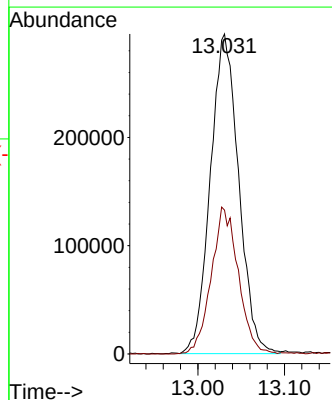
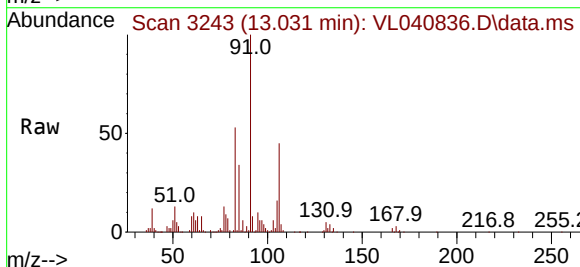
Manual Integrations
APPROVED

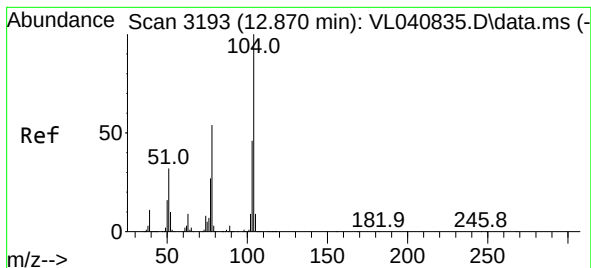
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#60
o-Xylene
Concen: 2.298 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion: 91 Resp: 670918
Ion Ratio Lower Upper
91 100
106 44.1 22.9 68.7





#61

Styrene

Concen: 2.014 ppbv

RT: 12.870 min Scan# 3193

Delta R.T. 0.000 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

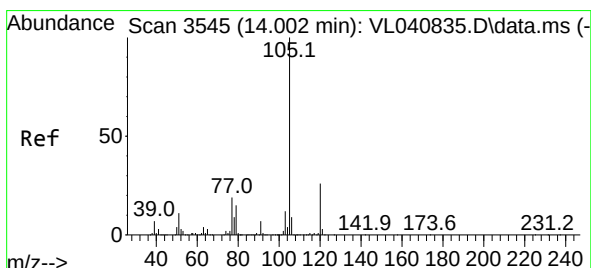
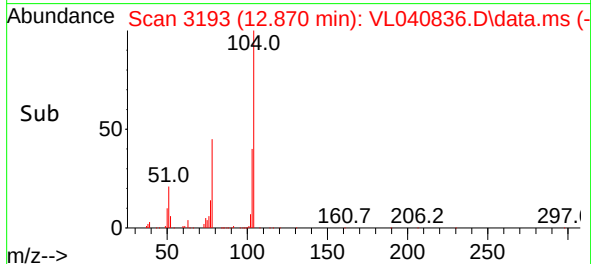
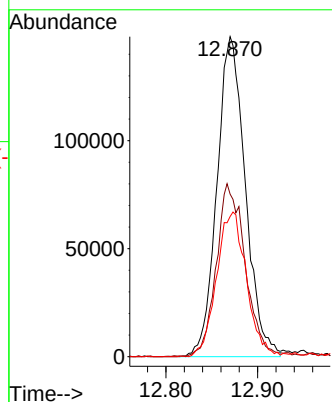
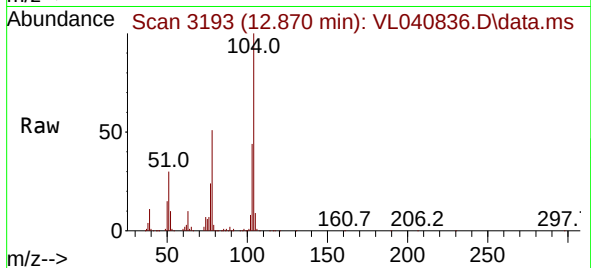
Tgt Ion:104 Resp: 319190

Ion	Ratio	Lower	Upper
104	100		
78	55.5	43.3	64.9
103	48.4	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#62

Isopropylbenzene

Concen: 2.208 ppbv

RT: 14.002 min Scan# 3545

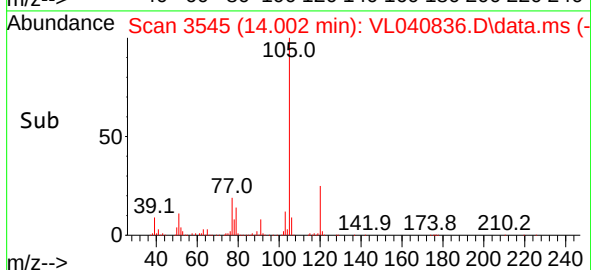
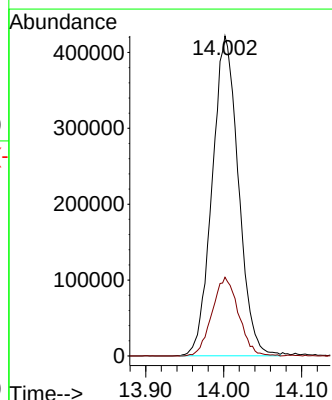
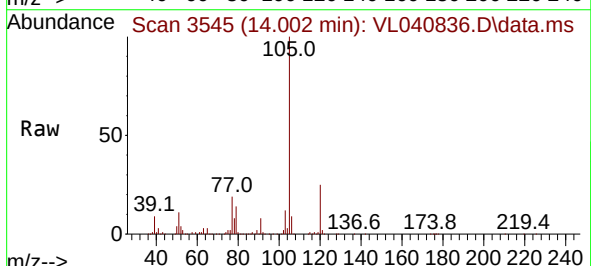
Delta R.T. 0.000 min

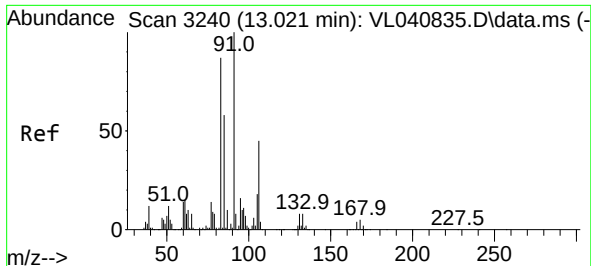
Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Tgt Ion:105 Resp: 986887

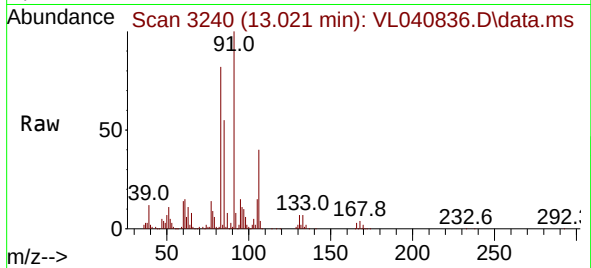
Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.7	31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 2.193 ppbv
RT: 13.021 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

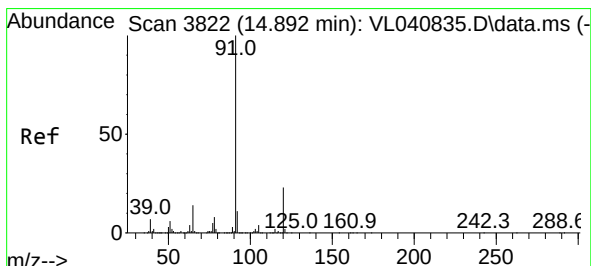
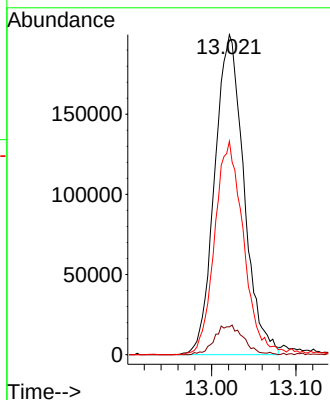
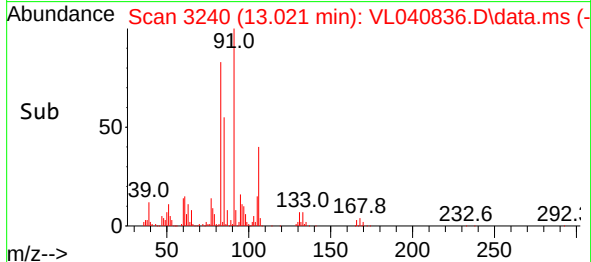
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



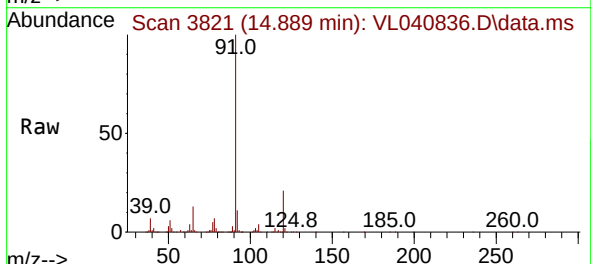
Tgt Ion: 83 Resp: 48020
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.1 32.6 98.0

Manual Integrations
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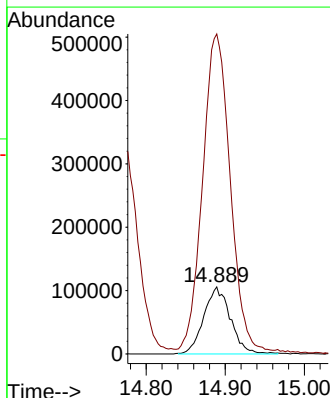
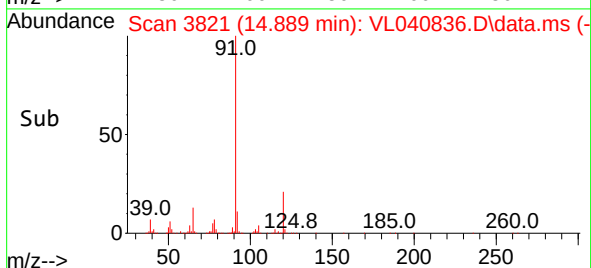
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

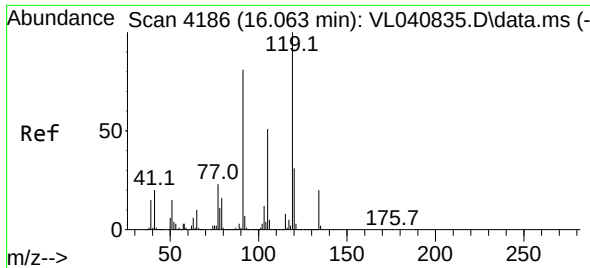


#64
n-propylbenzene
Concen: 2.079 ppbv m
RT: 14.889 min Scan# 3821
Delta R.T. -0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



Tgt Ion:120 Resp: 246781
Ion Ratio Lower Upper
120 100
91 506.7 381.1 571.7





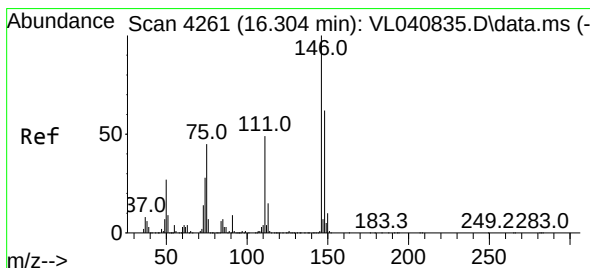
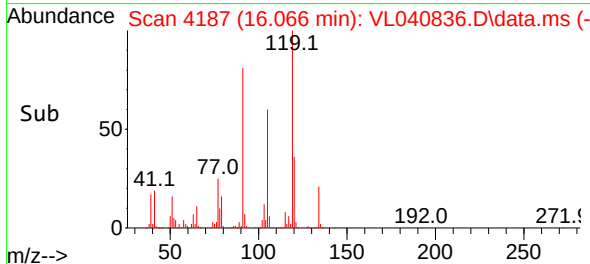
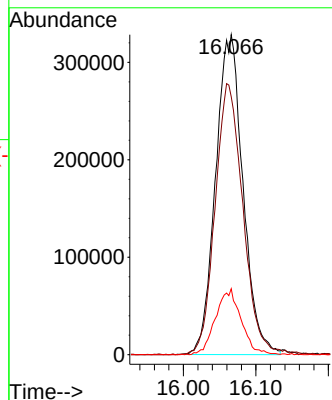
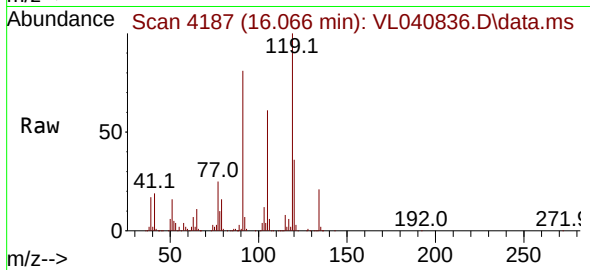
#65
tert-Butylbenzene
Concen: 2.148 ppbv
RT: 16.066 min Scan# 4186
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 861992
Ion Ratio Lower Upper
119 100
91 86.8 67.5 101.3
134 19.2 15.9 23.9

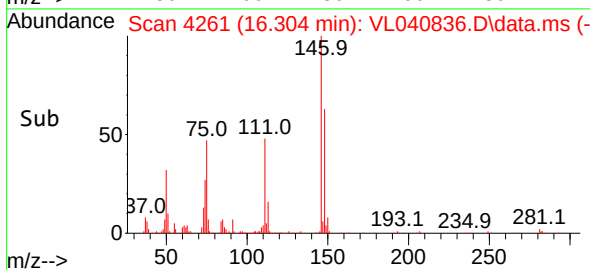
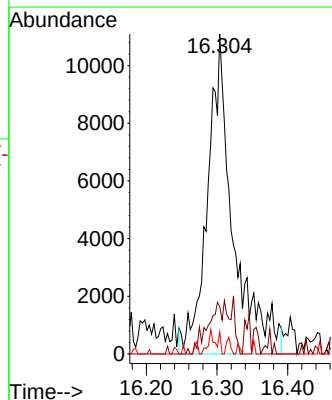
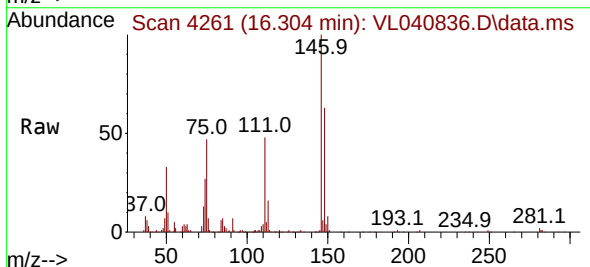
Manual Integrations
APPROVED

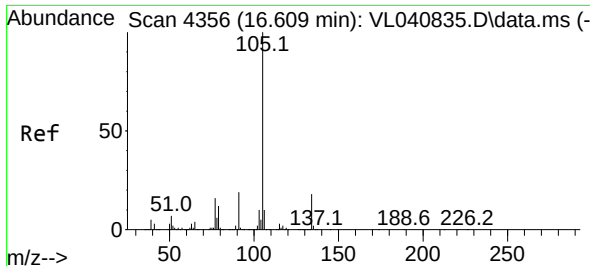
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#66
Benzyl Chloride
Concen: 0.825 ppbv m
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

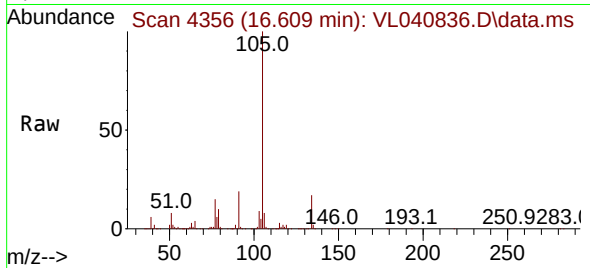
Tgt Ion: 91 Resp: 27874
Ion Ratio Lower Upper
91 100
126 19.7 12.8 19.2#
128 0.0 0.3 0.5#





#67
 sec-Butylbenzene
 Concen: 2.220 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25

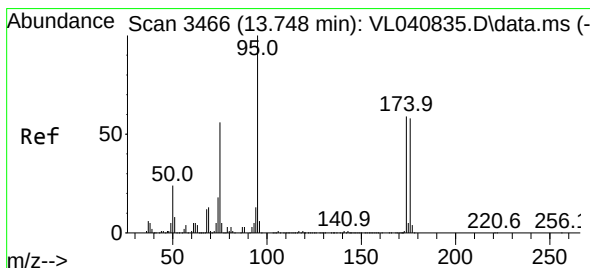
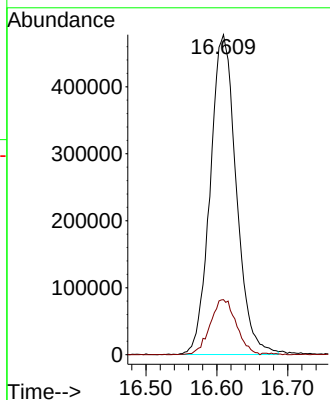
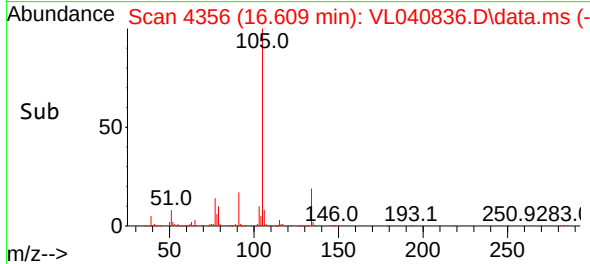
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



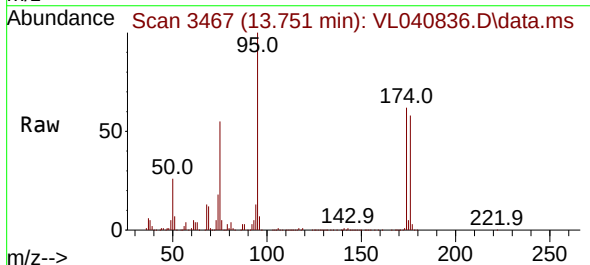
Tgt Ion:105 Resp: 122212
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.3 21.5

Manual Integrations
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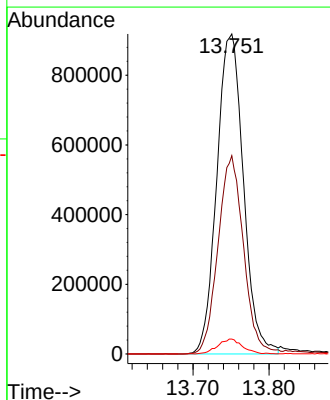
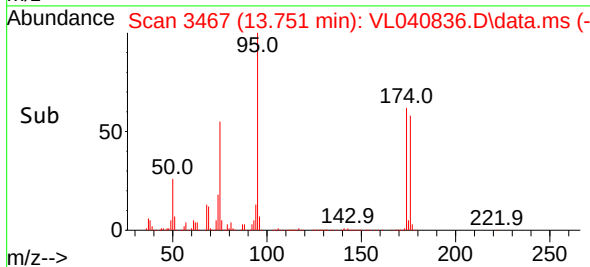
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

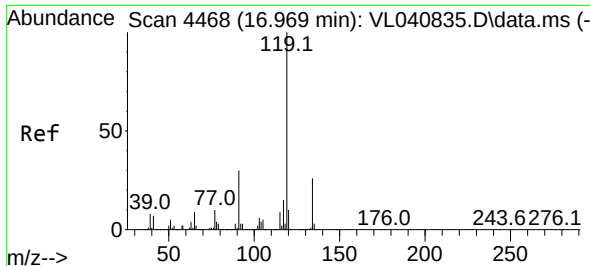


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.245 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.003 min
 Lab File: VL040836.D
 Acq: 13 Nov 2023 11:25



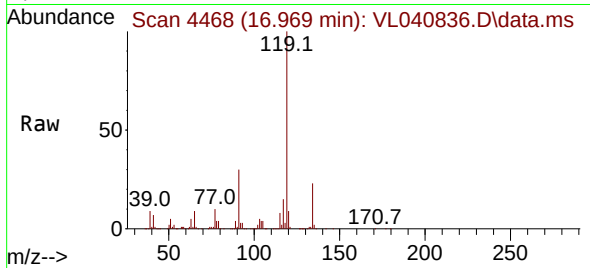
Tgt Ion: 95 Resp: 2231721
 Ion Ratio Lower Upper
 95 100
 174 60.7 47.9 71.9
 175 4.4 3.6 5.4





#69
p-Isopropyltoluene
Concen: 2.138 ppbv
RT: 16.969 min Scan# 4468
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

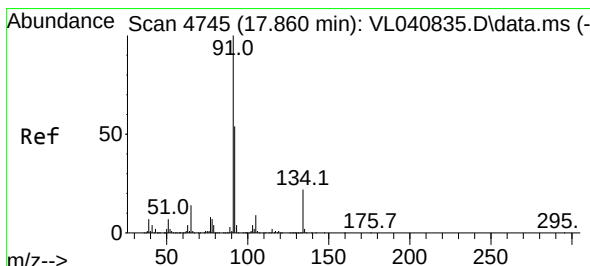
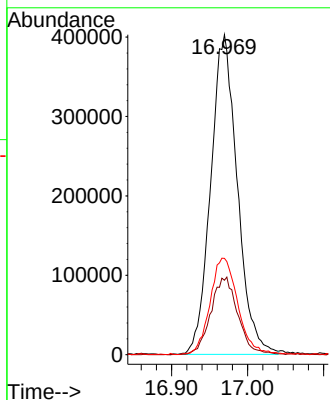
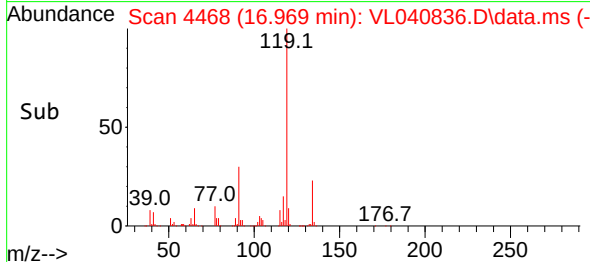
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



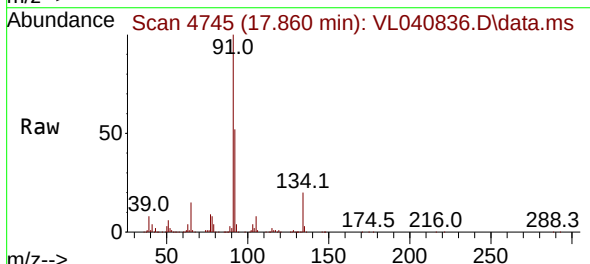
Tgt Ion:119 Resp: 97920
Ion Ratio Lower Upper
119 100
134 24.9 20.4 30.6
91 31.6 24.7 37.1

Manual Integrations
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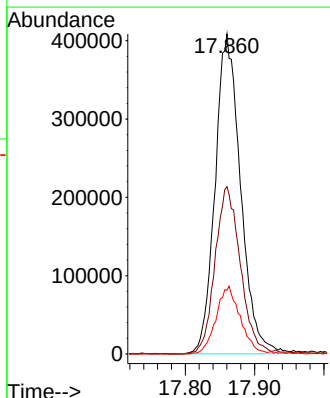
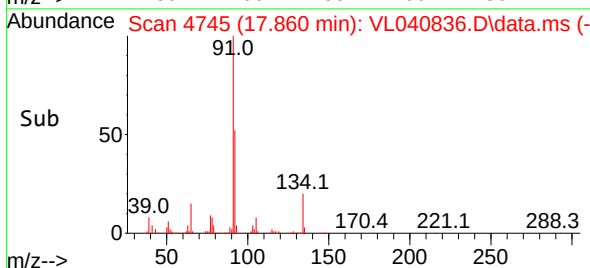
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

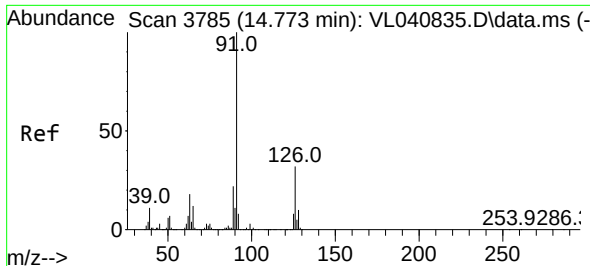


#70
n-Butylbenzene
Concen: 2.286 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



Tgt Ion: 91 Resp: 1037375
Ion Ratio Lower Upper
91 100
92 53.1 43.4 65.2
134 20.6 17.4 26.0





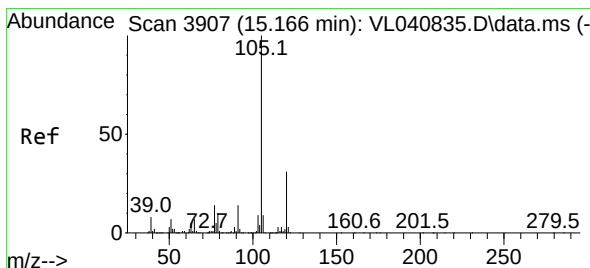
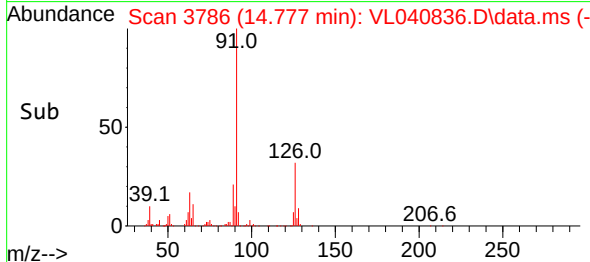
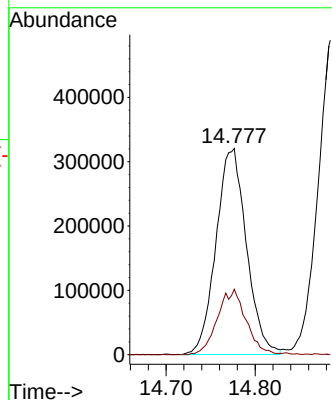
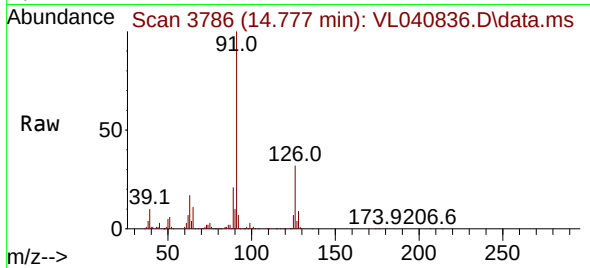
#71
2-Chlorotoluene
Concen: 2.256 ppbv
RT: 14.777 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 760034
Ion Ratio Lower Upper
91 100
126 30.2 12.1 48.5

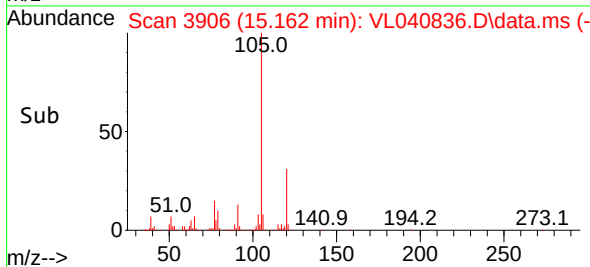
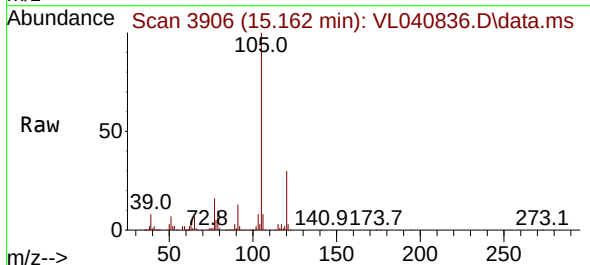
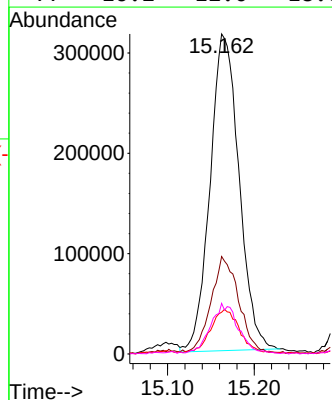
Manual Integrations
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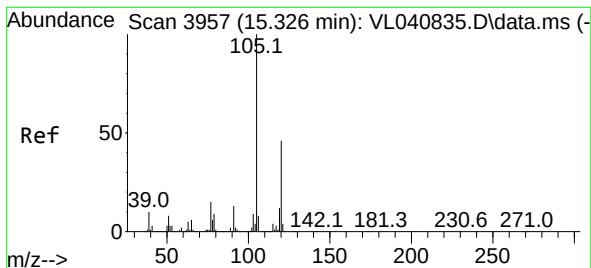
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#72
4-Ethyltoluene
Concen: 2.164 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

Tgt Ion:105 Resp: 732118
Ion Ratio Lower Upper
105 100
120 31.5 24.5 36.7
91 14.4 11.4 17.2
77 16.2 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 2.203 ppbv

RT: 15.323 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 656370

Ion Ratio Lower Upper

105 100

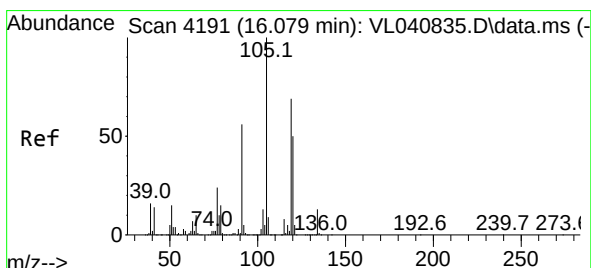
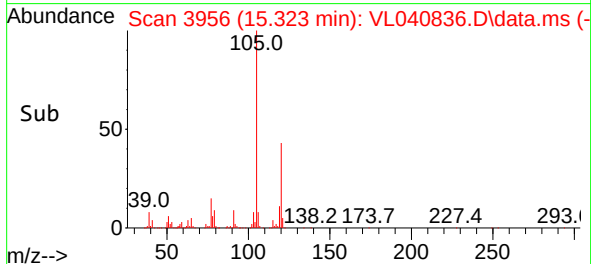
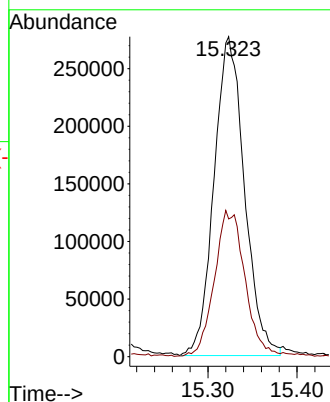
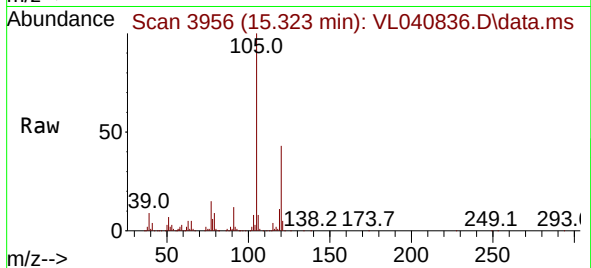
120 43.0 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 2.232 ppbv

RT: 16.079 min Scan# 4191

Delta R.T. 0.000 min

Lab File: VL040836.D

Acq: 13 Nov 2023 11:25

Tgt Ion:105 Resp: 729478

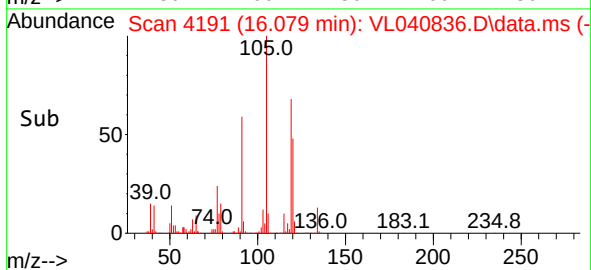
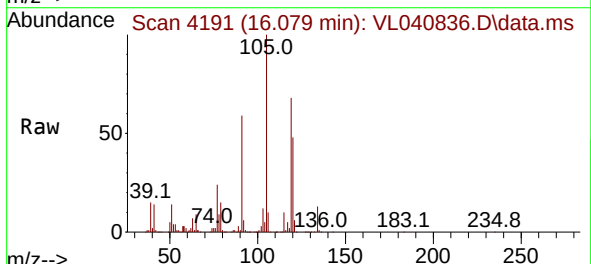
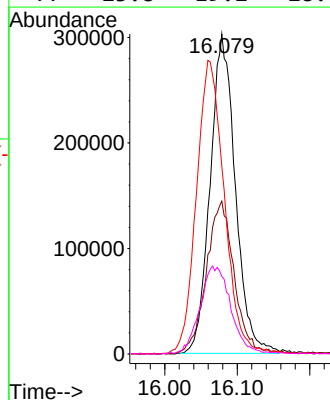
Ion Ratio Lower Upper

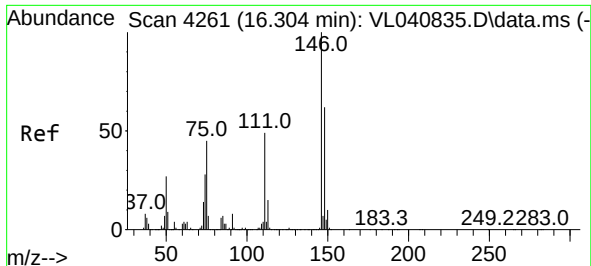
105 100

120 47.1 40.2 60.2

91 58.1 45.7 68.5

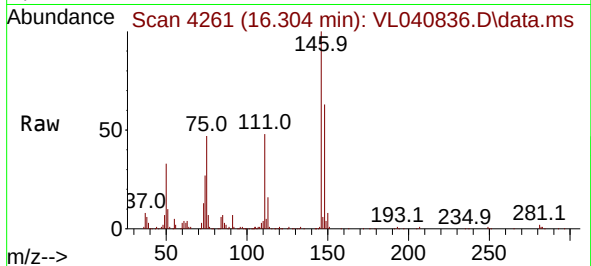
77 23.8 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 2.009 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

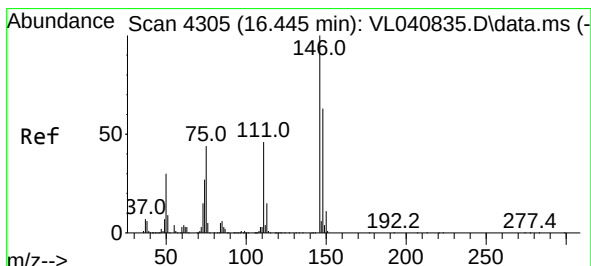
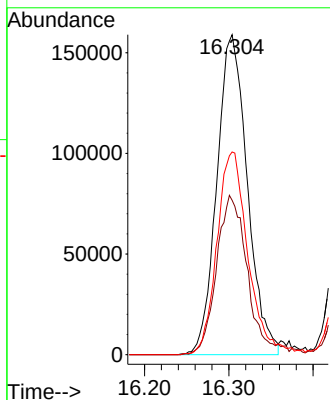
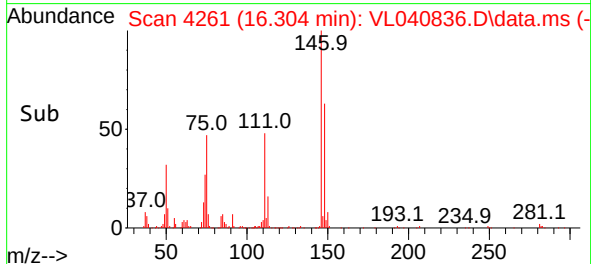
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



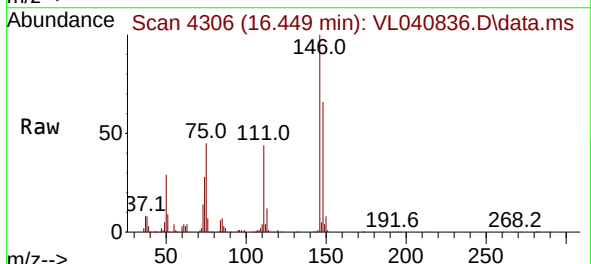
Tgt Ion:146 Resp: 399668
Ion Ratio Lower Upper
146 100
111 50.9 24.9 74.8
148 64.6 32.0 96.2

Manual Integrations
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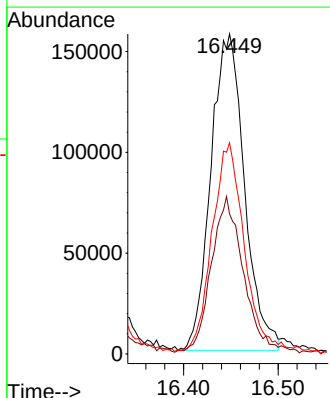
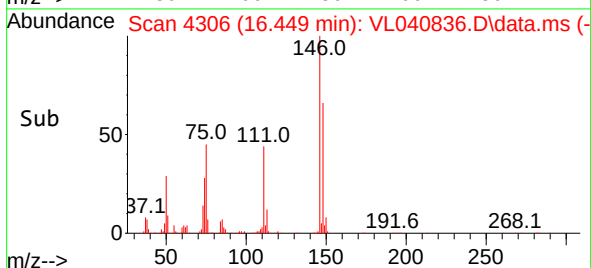
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

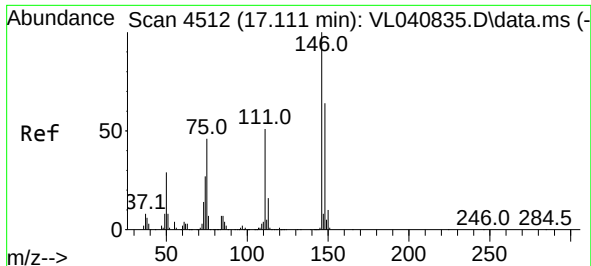


#76
1,4-Dichlorobenzene
Concen: 1.965 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



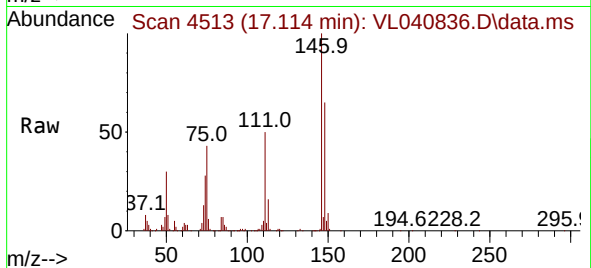
Tgt Ion:146 Resp: 387414
Ion Ratio Lower Upper
146 100
111 46.8 24.4 73.2
148 65.6 32.4 97.0





#77
1,2-Dichlorobenzene
Concen: 2.028 ppbv m
RT: 17.114 min Scan# 4512
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

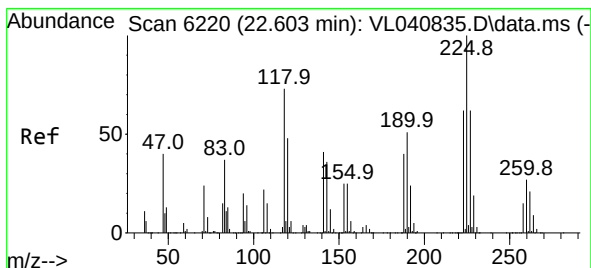
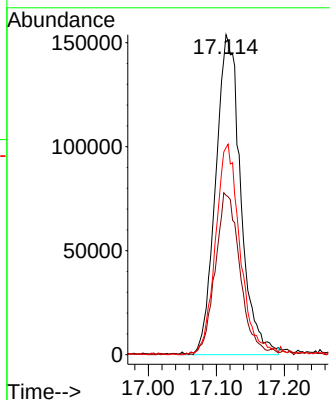
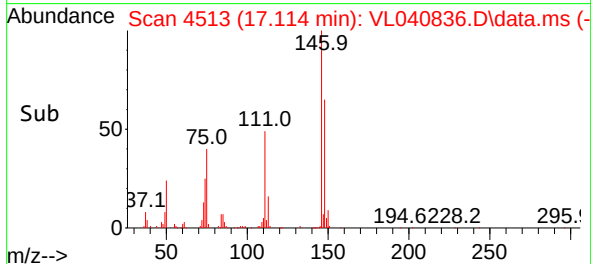
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



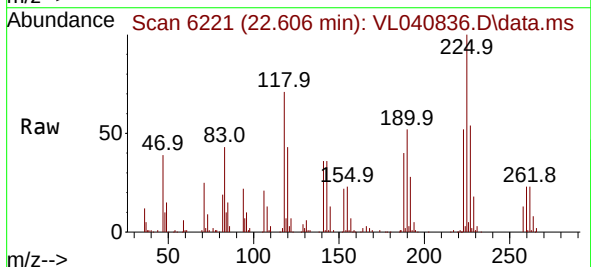
Tgt Ion:146 Resp: 394710
Ion Ratio Lower Upper
146 100
111 50.2 25.6 76.6
148 65.3 31.9 95.9

Manual Integrations
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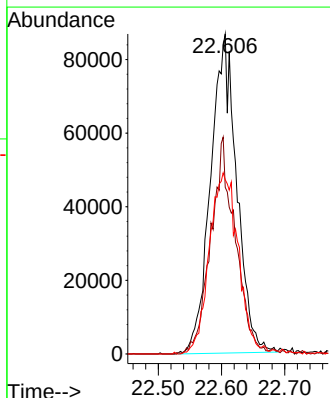
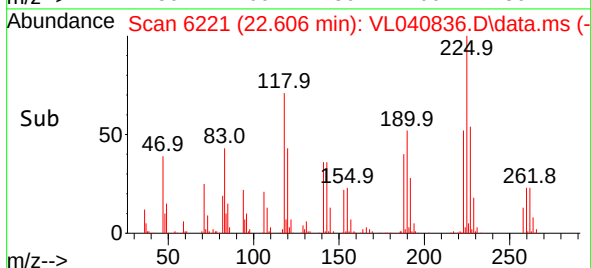
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

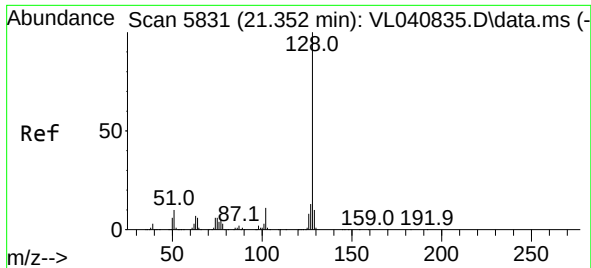


#78
Hexachloro-1,3-Butadiene
Concen: 1.810 ppbv m
RT: 22.606 min Scan# 6221
Delta R.T. 0.003 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



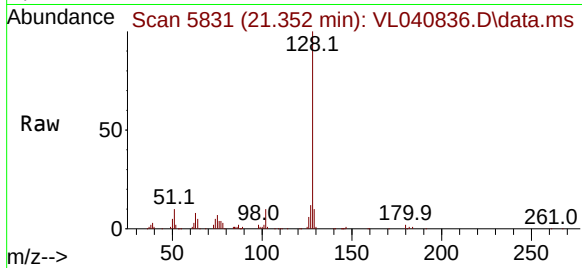
Tgt Ion:225 Resp: 248806
Ion Ratio Lower Upper
225 100
223 64.4 51.2 76.8
227 63.7 51.0 76.4





#79
Naphthalene
Concen: 1.697 ppbv
RT: 21.352 min Scan# 5831
Delta R.T. 0.000 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25

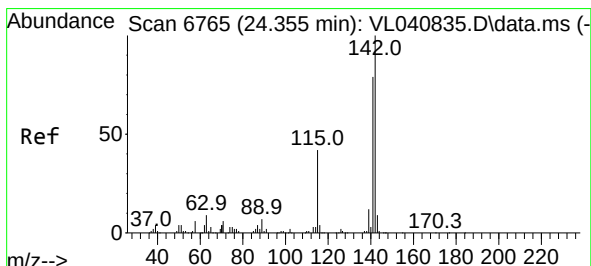
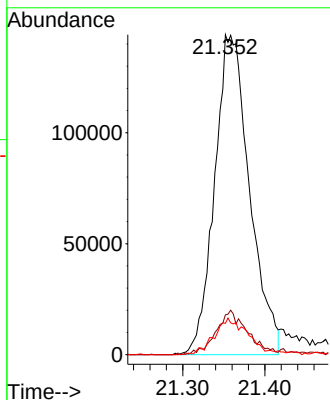
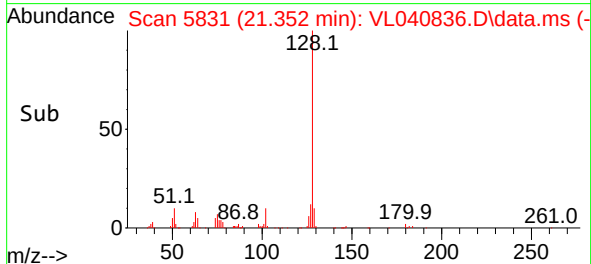
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



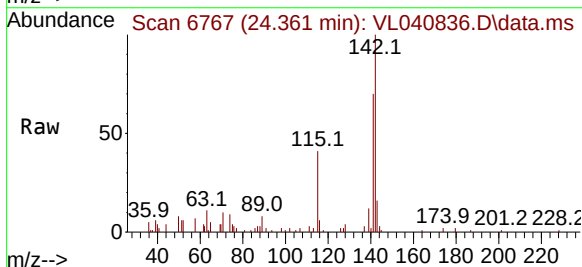
Tgt Ion:128 Resp: 427079
Ion Ratio Lower Upper
128 100
127 11.9 10.0 15.0
129 9.8 8.3 12.5

Manual Integrations
APPROVED

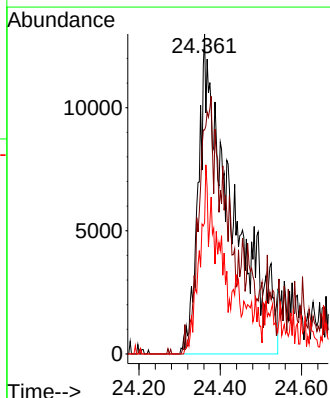
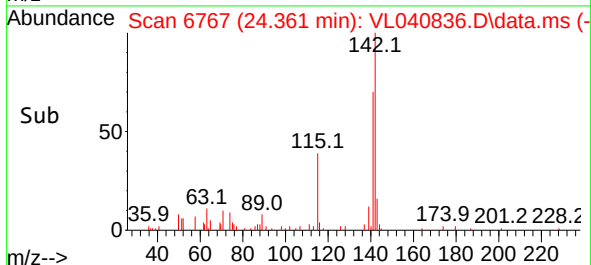
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

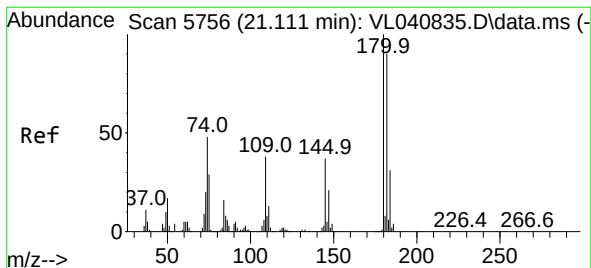


#80
Naphthalene,2-methyl-
Concen: 1.164 ppbv m
RT: 24.361 min Scan# 6767
Delta R.T. 0.006 min
Lab File: VL040836.D
Acq: 13 Nov 2023 11:25



Tgt Ion:142 Resp: 73291
Ion Ratio Lower Upper
142 100
141 78.1 65.8 98.8
115 34.9 35.6 53.4#





#81

1,2,4-Trichlorobenzene

Concen: 1.704 ppbv

RT: 21.108 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL040836.D

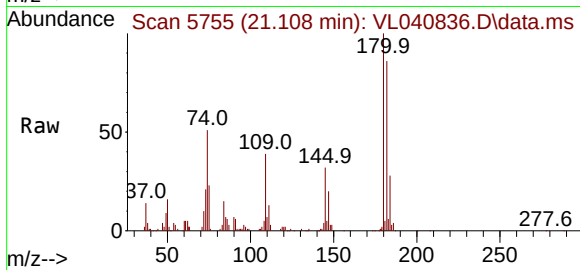
Acq: 13 Nov 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion:180 Resp: 232834

Ion Ratio Lower Upper

180 100

182 100.5 78.1 117.1

184 29.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023

