

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041396.D
 Acq On : 23 Jul 2024 9:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 23 10:04:54 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Tue Jul 23 02:50:01 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	934401	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.648	114	2481440	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.468	117	2478181	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 1813937 9.766 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.700%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.716	85	1116440m	7.002	ppbv
3) Chlorodifluoromethane	2.658	51	1542286	9.572	ppbv
4) Chloromethane	2.800	50	597887	9.710	ppbv
5) Vinyl Chloride	2.906	62	612060	9.199	ppbv
6) Bromomethane	3.105	94	207851	9.875	ppbv
7) Chloroethane	3.185	64	216226	9.836	ppbv
8) Dichlorotetrafluoroethane	2.841	85	1424661	9.192	ppbv
9) Propene	2.677	41	538455	9.658	ppbv
10) Heptane	7.578	43	1330353	10.159	ppbv
11) Trichlorofluoromethane	3.549	101	1445199	9.311	ppbv
12) 1,1,2-Trichlorotrifluo...	4.054	101	1023485	9.410	ppbv
13) Ethanol	3.237	45	48204	3.897	ppbv
14) Bromoethene	3.353	108	424885	9.737	ppbv
15) Acetone	3.456	43	1190992	9.651	ppbv
16) 1,3-Butadiene	2.970	39	591863	10.077	ppbv
17) tert-Butyl alcohol	3.867	59	753448	7.914	ppbv
18) 1,1-Dichloroethene	3.867	96	466428	9.754	ppbv
19) Isopropyl Alcohol	3.565	45	423342m	6.249	ppbv
20) Methylene Chloride	3.922	84	400693	8.948	ppbv
21) Allyl Chloride	3.983	41	727620	9.775	ppbv
22) trans-1,2-Dichloroethene	4.433	96	466234	9.817	ppbv
23) Vinyl Acetate	4.616	43	1240049	10.194	ppbv
24) 1,1-Dichloroethane	4.552	63	1010461	9.581	ppbv
25) Ethyl Acetate	5.195	43	2270244	9.990	ppbv
26) Hexane	5.205	57	988700	9.826	ppbv
27) Carbon Disulfide	4.111	76	1142700	9.334	ppbv
28) Methyl tert-Butyl Ether	4.578	73	732657	9.817	ppbv
29) Chloroform	5.266	83	1508088	9.714	ppbv
30) Cyclohexane	6.594	84	841374	10.496	ppbv
31) cis-1,2-Dichloroethene	5.070	61	982752	10.188	ppbv
32) 1,1,1-Trichloroethane	5.996	97	1480076	9.083	ppbv
34) 2-Butanone	4.777	43	1373645	10.490	ppbv
35) Carbon Tetrachloride	6.491	117	1500821	9.159	ppbv
36) Benzene	6.365	78	2086690	10.161	ppbv
37) 1,2-Dichloroethane	5.800	62	1193538	10.129	ppbv
38) Trichloroethene	7.285	130	806986	9.020	ppbv
39) 1,2-Dichloropropane	7.070	63	800504	10.087	ppbv
40) 1,4-Dioxane	7.291	88	114168m	4.487	ppbv
41) Tetrahydrofuran	5.549	42	856907	10.565	ppbv
42) Bromodichloromethane	7.243	83	1668643	10.121	ppbv
43) Methyl Methacrylate	7.471	69	844551	10.946	ppbv
44) 2,2,4-Trimethylpentane	7.320	57	3404636	9.755	ppbv
45) t-1,3-Dichloropropene	8.709	75	596161	12.209	ppbv

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

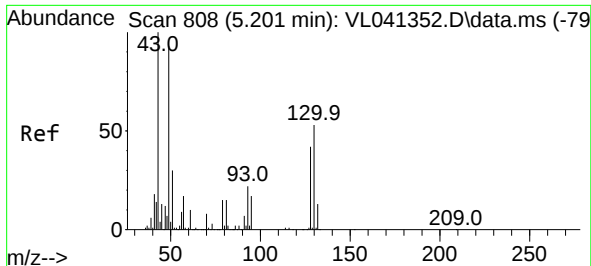
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jul 23 02:50:01 2024

Response via : Initial Calibration

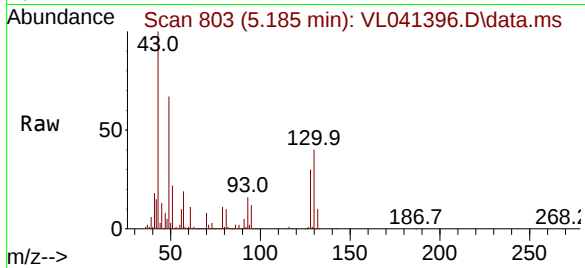
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	759295	11.564	ppbv	99
47) 1,1,2-Trichloroethane	8.899	97	858580	10.087	ppbv	97
48) Dibromochloromethane	9.709	129	1383152	10.119	ppbv	99
49) Bromoform	12.410	173	1127654	10.358	ppbv	98
50) 4-Methyl-2-Pentanone	8.176	43	2179960	10.367	ppbv	99
51) 2-Hexanone	9.549	43	1587722	10.622	ppbv #	97
52) Tetrachloroethene	10.616	164	748470	9.076	ppbv	99
53) Toluene	9.217	91	2425266	10.471	ppbv	99
54) 1,2-Dibromoethane	10.008	107	1156495	10.978	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.510	131	1032204	9.256	ppbv	95
57) Chlorobenzene	11.526	112	1838415	9.457	ppbv	98
58) Ethyl Benzene	12.089	91	3264848	9.847	ppbv	97
59) m/p-Xylene	12.372	91	5506000m	19.189	ppbv	
60) o-Xylene	13.060	91	2648470	9.780	ppbv	99
61) Styrene	12.899	104	1384286	10.526	ppbv	99
62) Isopropylbenzene	14.031	105	3948820	9.445	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1833013	8.592	ppbv	99
64) n-propylbenzene	14.915	120	1044454	9.570	ppbv	99
65) tert-Butylbenzene	16.092	119	3474558	9.334	ppbv	100
66) Benzyl Chloride	16.330	91	216287	8.842	ppbv	96
67) sec-Butylbenzene	16.635	105	4960068	9.421	ppbv	100
69) p-Isopropyltoluene	16.995	119	4143366	9.529	ppbv	100
70) n-Butylbenzene	17.886	91	4364211	9.819	ppbv	100
71) 2-Chlorotoluene	14.802	91	2942500	9.474	ppbv	99
72) 4-Ethyltoluene	15.195	105	3045836	9.443	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2706288	9.802	ppbv	100
74) 1,2,4-Trimethylbenzene	16.111	105	3028670	9.735	ppbv	99
75) 1,3-Dichlorobenzene	16.333	146	1808722	9.801	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	1800328	9.791	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1778173	9.451	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1346042	9.836	ppbv	98
79) Naphthalene	21.384	128	3199314	19.121	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	404967	919.657	ppbv #	40
81) 1,2,4-Trichlorobenzene	21.140	180	1583079	15.309	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

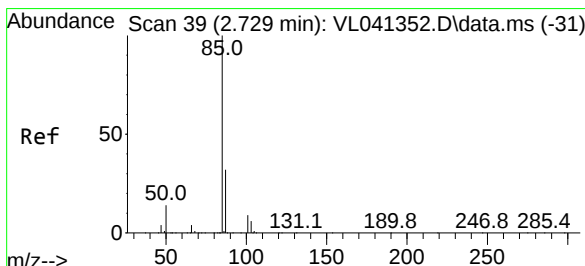
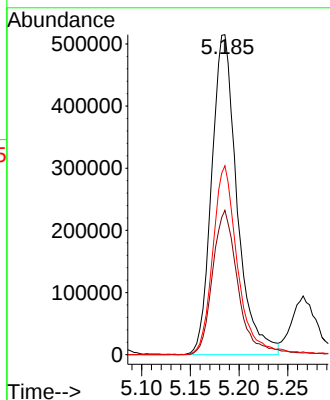
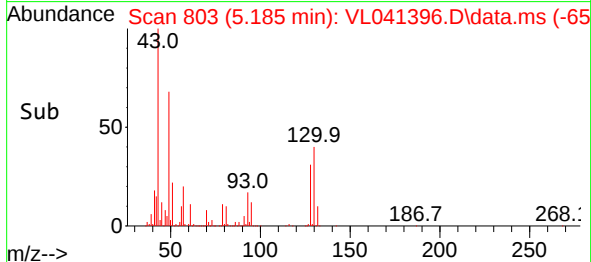
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



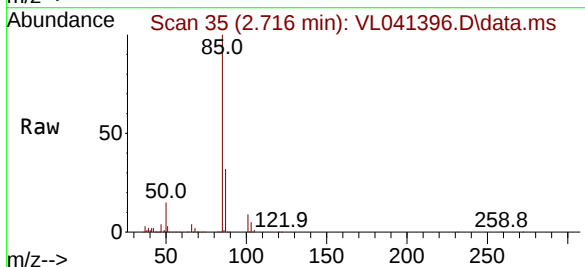
Tgt Ion: 49 Resp: 93440
Ion Ratio Lower Upper
49 100
128 46.0 22.8 68.3
130 58.8 28.9 86.7

Manual Integrations
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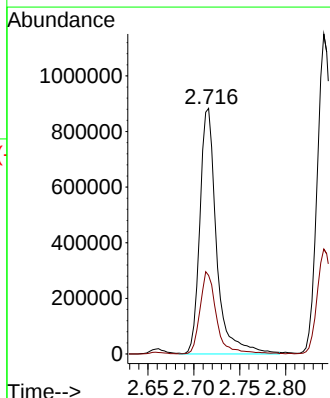
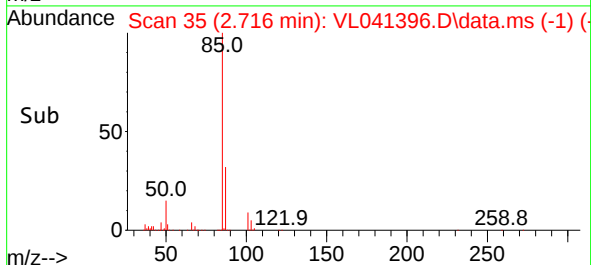
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

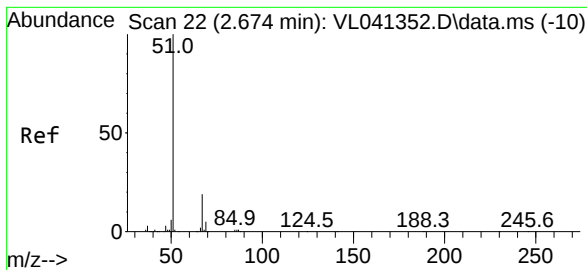


#2
Dichlorodifluoromethane
Concen: 7.002 ppbv m
RT: 2.716 min Scan# 35
Delta R.T. -0.013 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



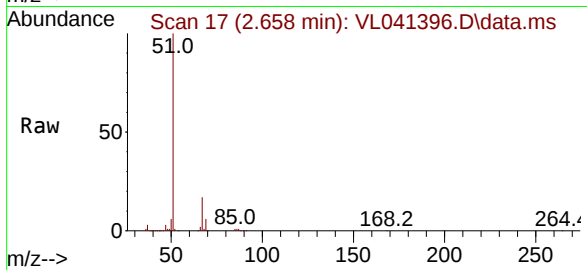
Tgt Ion: 85 Resp: 1116440
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9





#3
Chlorodifluoromethane
Concen: 9.572 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

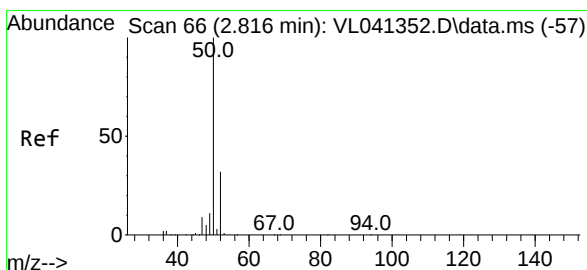
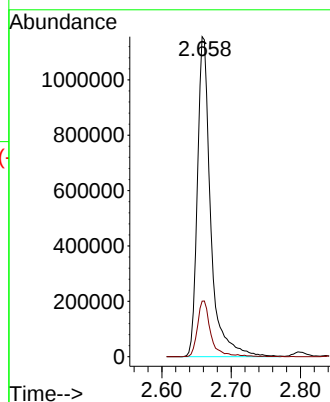
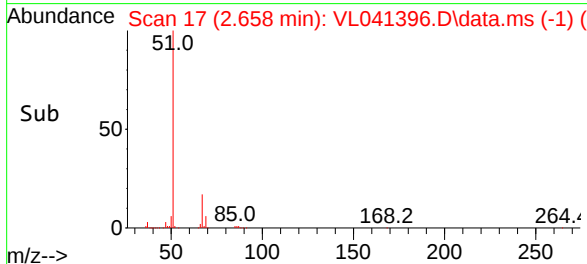
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MSVOA_L
ClientSampleId :
VSTDCCC010EC



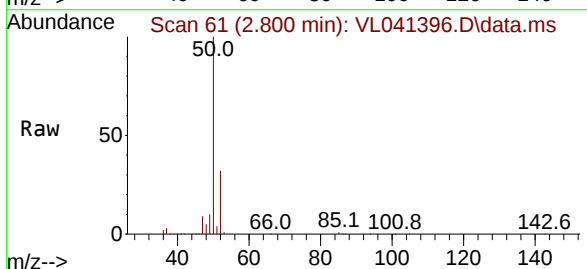
Tgt Ion: 51 Resp: 154228
Ion Ratio Lower Upper
51 100
67 17.6 14.3 21.5

Manual Integrations
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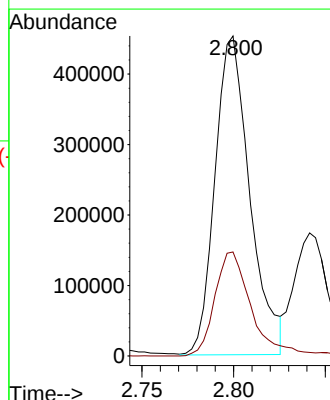
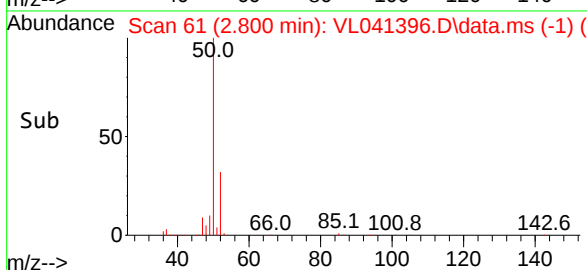
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

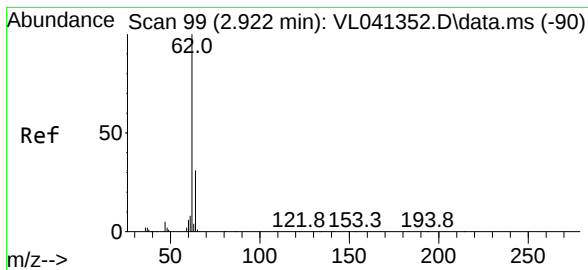


#4
Chloromethane
Concen: 9.710 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



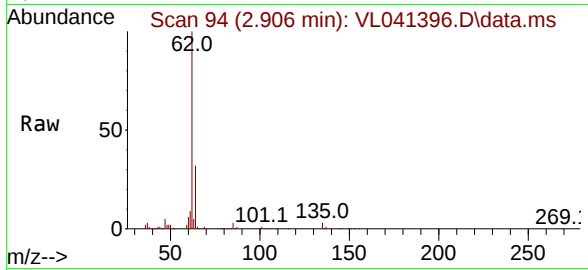
Tgt Ion: 50 Resp: 597887
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4





#5
 Vinyl Chloride
 Concen: 9.199 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.016 min
 Lab File: VL041396.D
 Acq: 23 Jul 2024 9:37

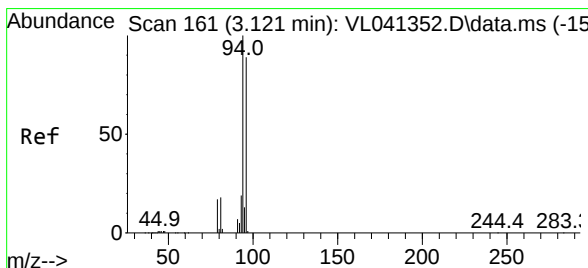
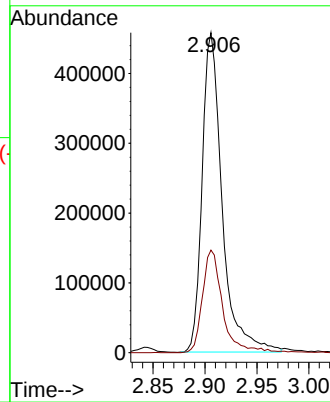
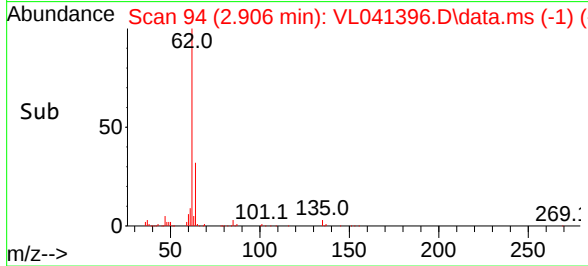
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



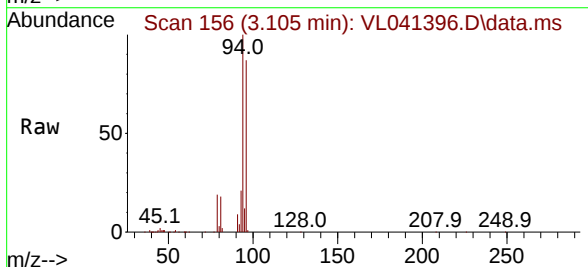
Tgt Ion: 62 Resp: 612060
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.0 37.6

Manual Integrations
 APPROVED

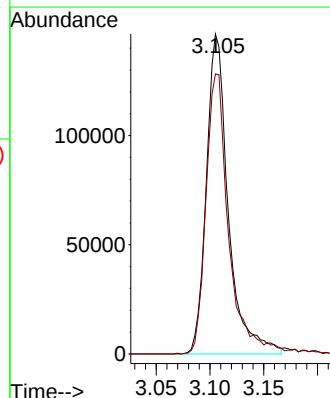
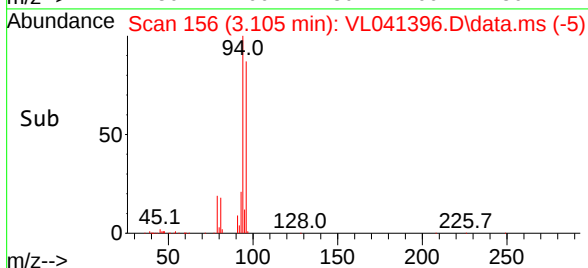
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

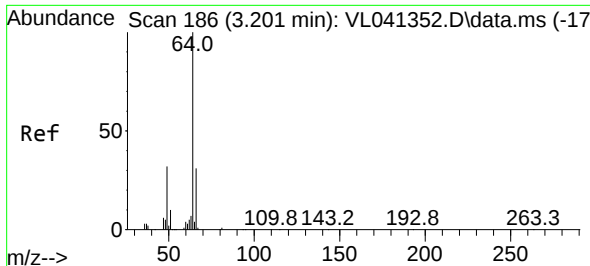


#6
 Bromomethane
 Concen: 9.875 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. -0.016 min
 Lab File: VL041396.D
 Acq: 23 Jul 2024 9:37



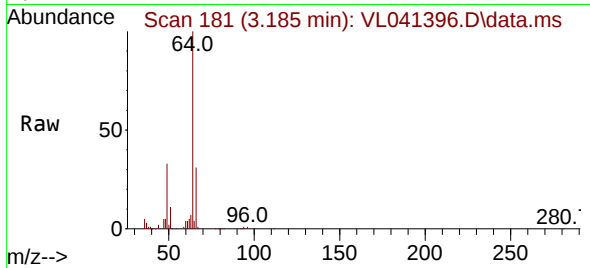
Tgt Ion: 94 Resp: 207851
 Ion Ratio Lower Upper
 94 100
 96 87.5 71.0 106.4





#7
Chloroethane
Concen: 9.836 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

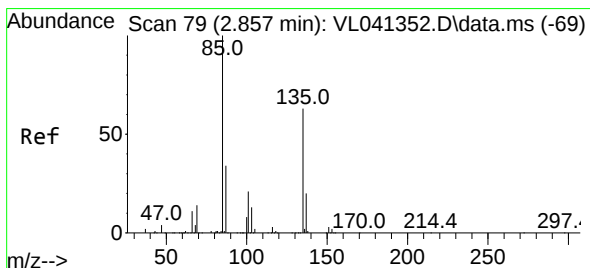
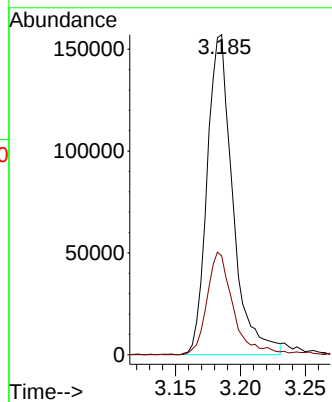
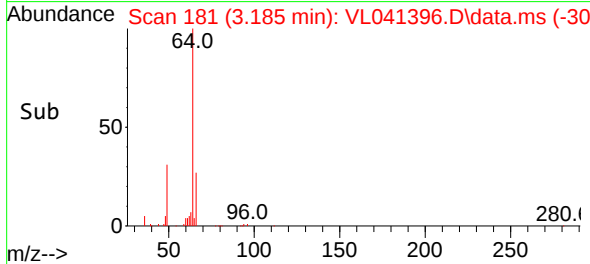
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



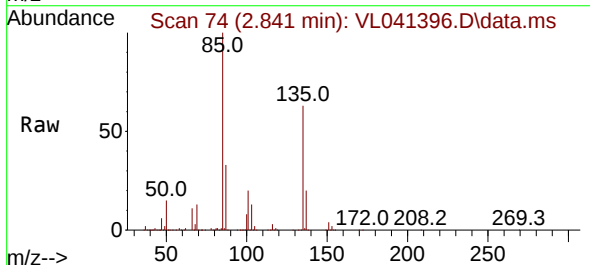
Tgt Ion: 64 Resp: 216220
Ion Ratio Lower Upper
64 100
66 30.9 24.6 36.8

Manual Integrations
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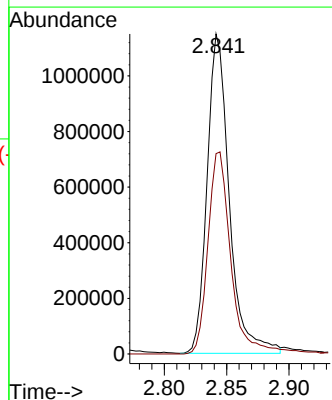
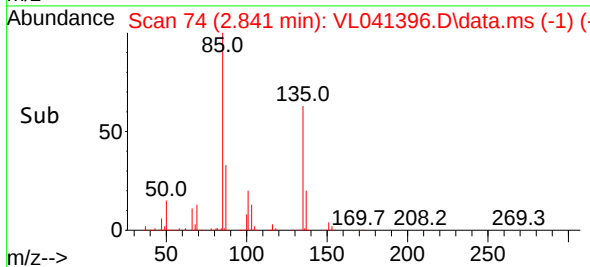
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

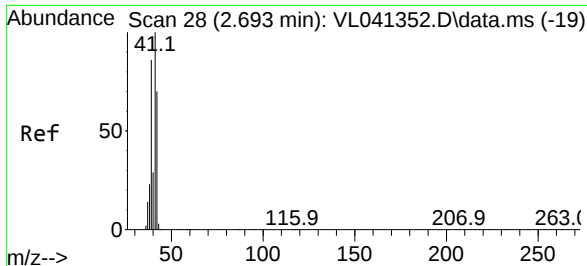


#8
Dichlorotetrafluoroethane
Concen: 9.192 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



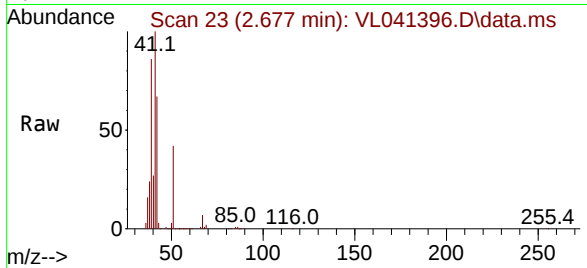
Tgt Ion: 85 Resp: 1424661
Ion Ratio Lower Upper
85 100
135 66.6 53.7 80.5





#9
 Propene
 Concen: 9.658 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: VL041396.D
 Acq: 23 Jul 2024 9:37

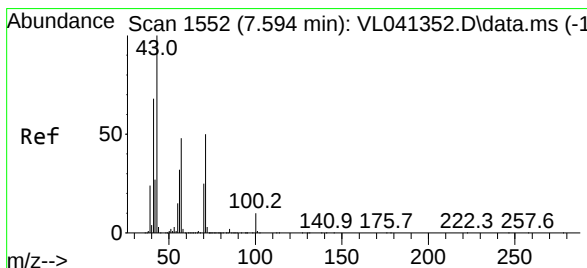
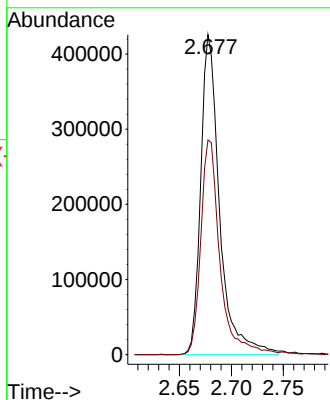
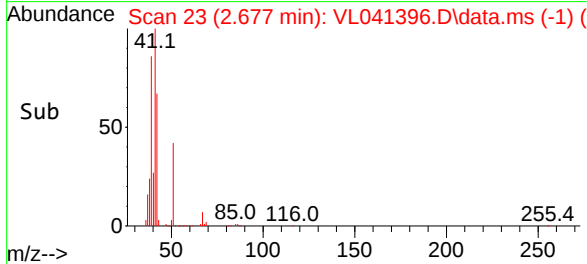
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 53845
 Ion Ratio Lower Upper
 41 100
 42 69.0 55.8 83.8

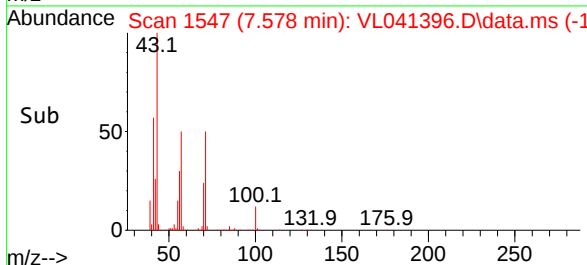
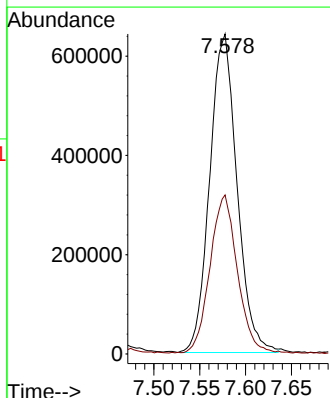
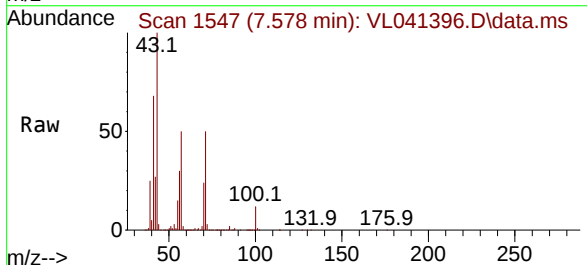
Manual Integrations
 APPROVED

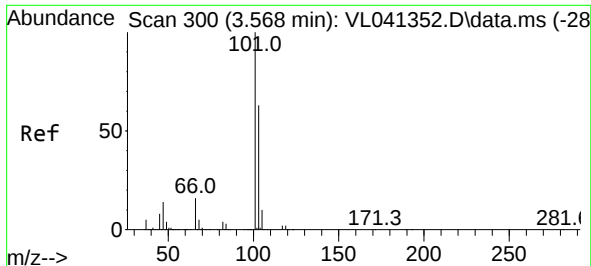
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#10
 Heptane
 Concen: 10.159 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.016 min
 Lab File: VL041396.D
 Acq: 23 Jul 2024 9:37

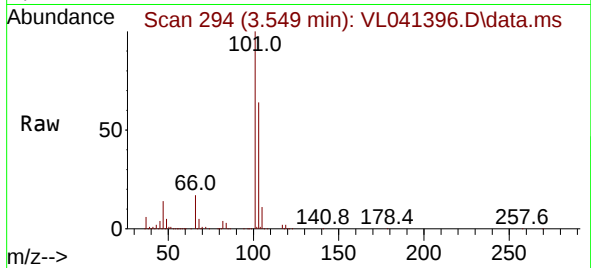
Tgt Ion: 43 Resp: 1330353
 Ion Ratio Lower Upper
 43 100
 57 49.8 40.3 60.5





#11
Trichlorofluoromethane
Concen: 9.311 ppbv
RT: 3.549 min Scan# 294
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

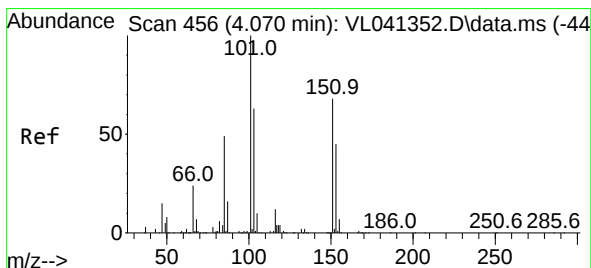
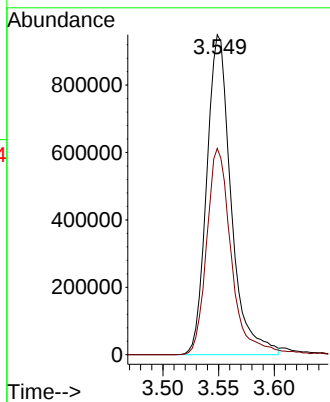
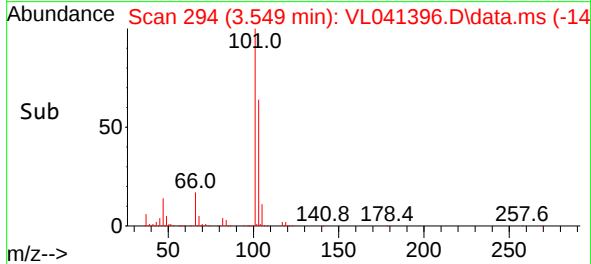
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



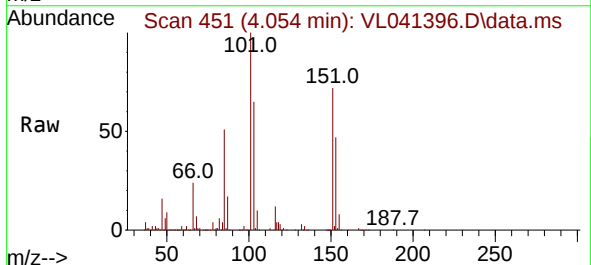
Tgt Ion:101 Resp: 144519
Ion Ratio Lower Upper
101 100
103 64.4 50.5 75.7

Manual Integrations
APPROVED

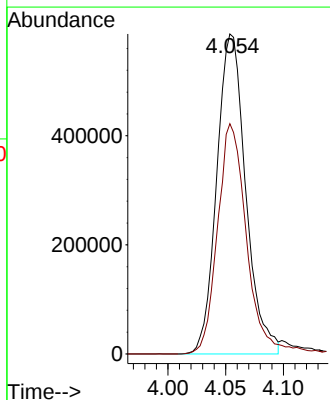
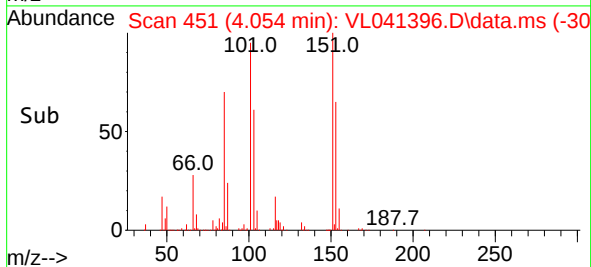
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

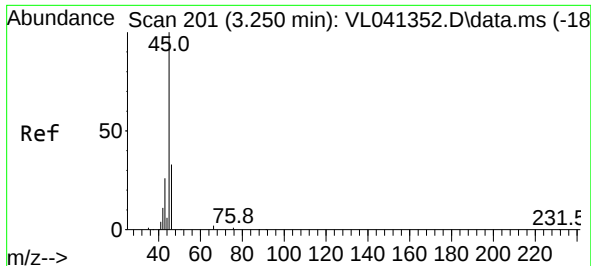


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.410 ppbv
RT: 4.054 min Scan# 451
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



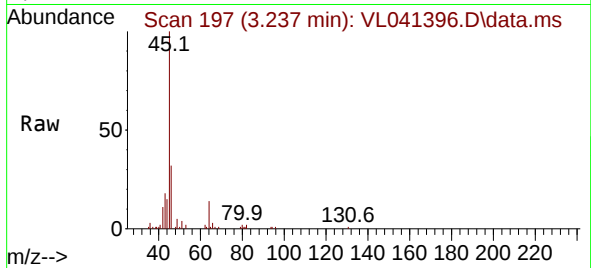
Tgt Ion:101 Resp: 1023485
Ion Ratio Lower Upper
101 100
151 73.3 57.0 85.6





#13
Ethanol
Concen: 3.897 ppbv
RT: 3.237 min Scan# 197
Delta R.T. -0.013 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

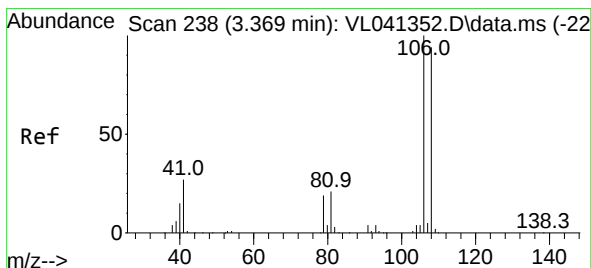
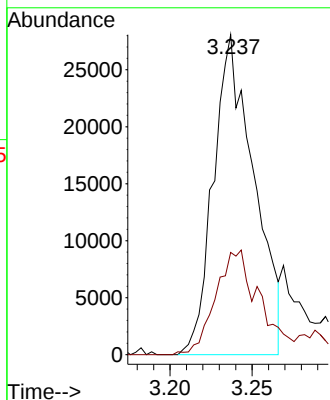
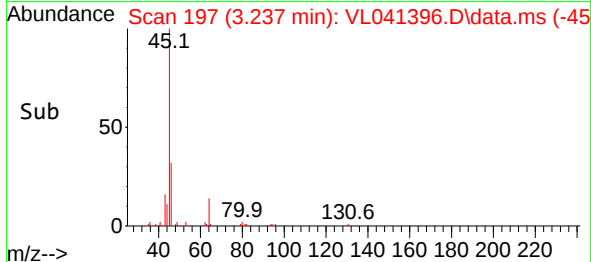
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 48204
Ion Ratio Lower Upper
45 100
46 44.7 13.3 53.3

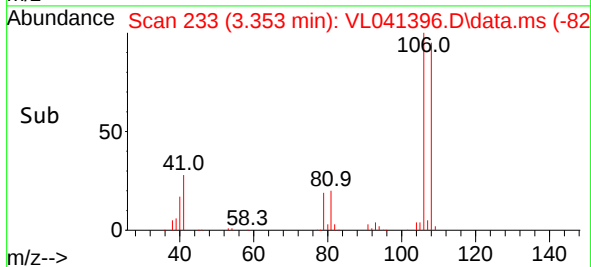
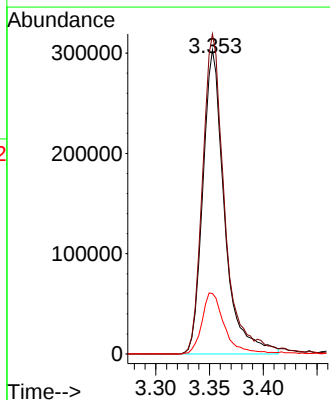
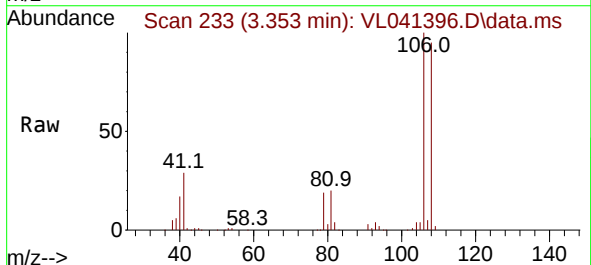
Manual Integrations
APPROVED

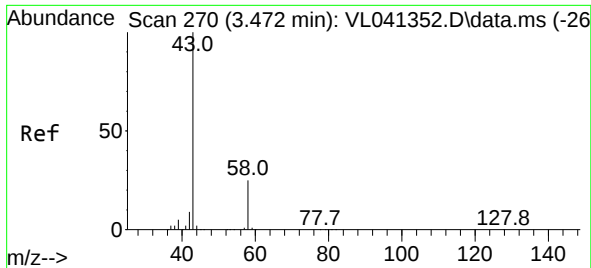
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#14
Bromoethene
Concen: 9.737 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

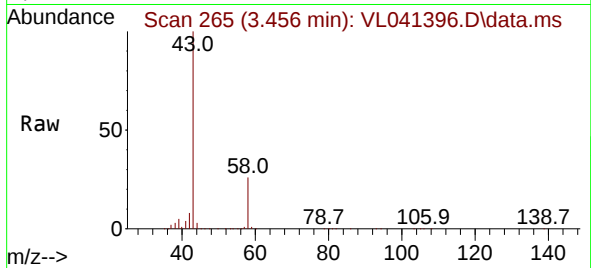
Tgt Ion:108 Resp: 424885
Ion Ratio Lower Upper
108 100
106 109.4 85.5 128.3
79 21.9 16.3 24.5





#15
Acetone
Concen: 9.651 ppbv
RT: 3.456 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

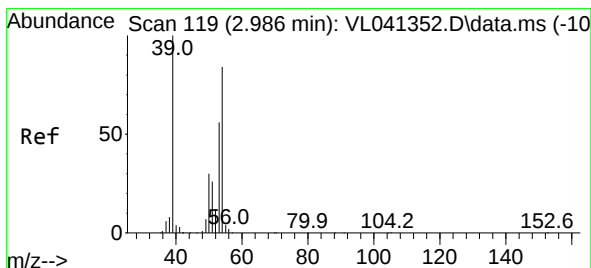
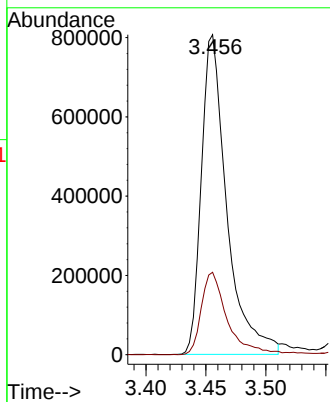
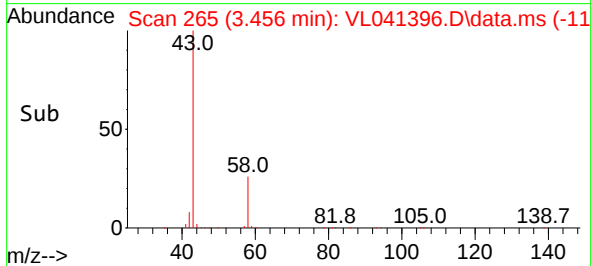
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion: 43 Resp: 1190992
Ion Ratio Lower Upper
43 100
58 26.8 20.3 30.5

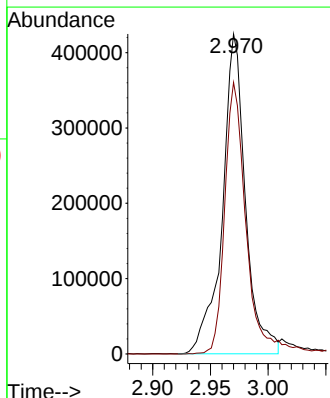
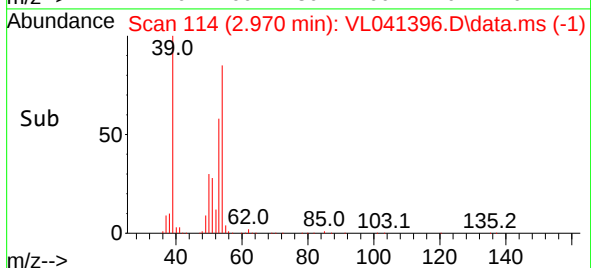
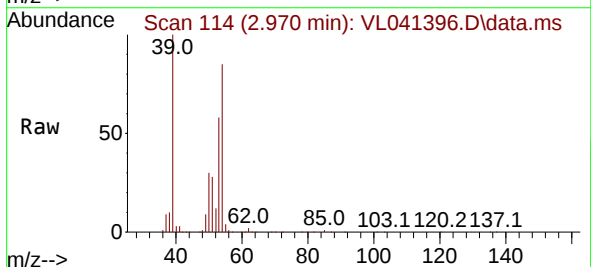
Manual Integrations
APPROVED

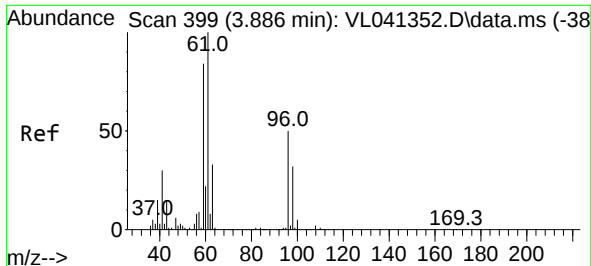
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#16
1,3-Butadiene
Concen: 10.077 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Tgt Ion: 39 Resp: 591863
Ion Ratio Lower Upper
39 100
54 79.9 60.5 90.7





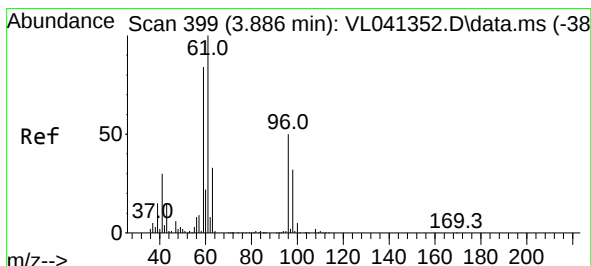
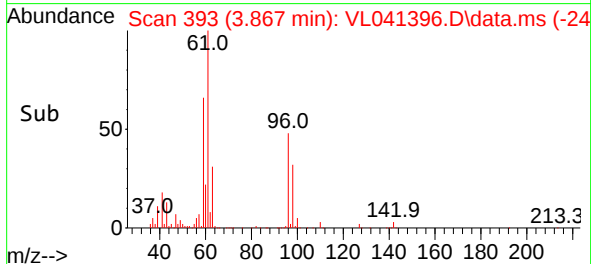
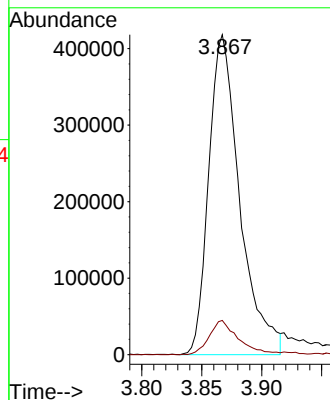
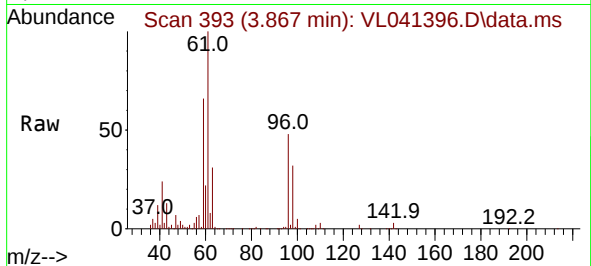
#17
tert-Butyl alcohol
Concen: 7.914 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 753448
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

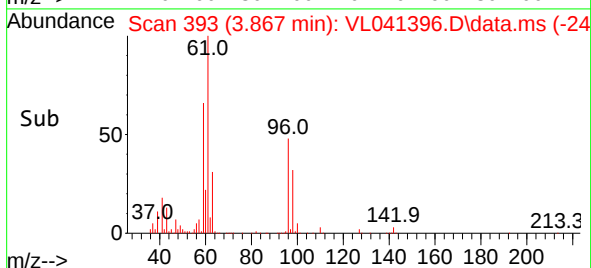
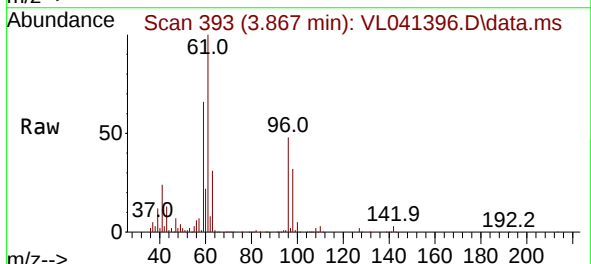
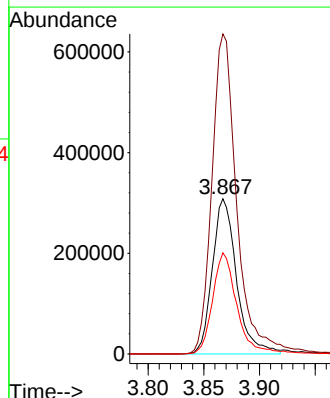
Manual Integrations
APPROVED

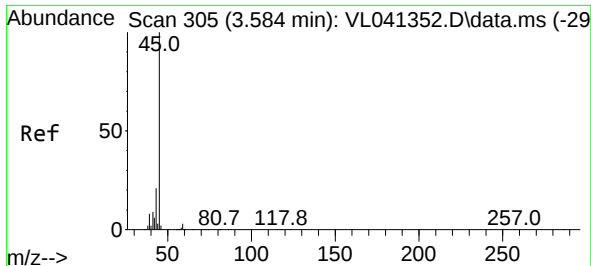
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#18
1,1-Dichloroethene
Concen: 9.754 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

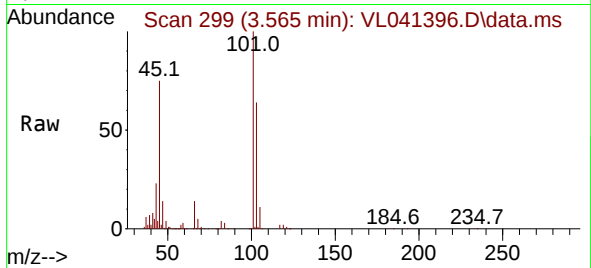
Tgt Ion: 96 Resp: 466428
Ion Ratio Lower Upper
96 100
61 206.3 160.3 240.5
98 65.2 51.6 77.4





#19
Isopropyl Alcohol
Concen: 6.249 ppbv m
RT: 3.565 min Scan# 299
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

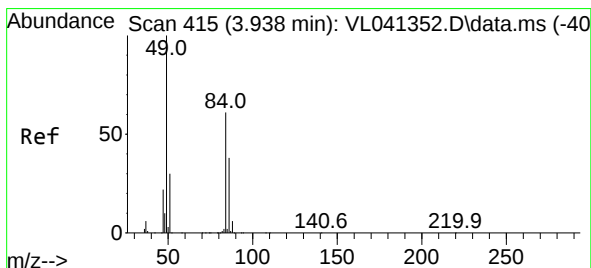
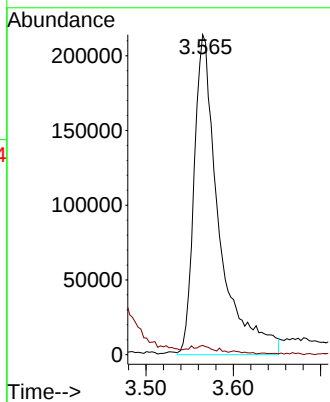
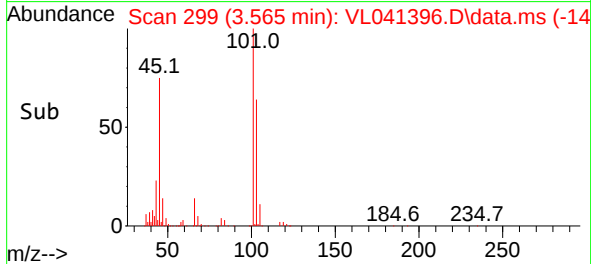
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 42334
Ion Ratio Lower Upper
45 100
58 3.3 1.6 2.4

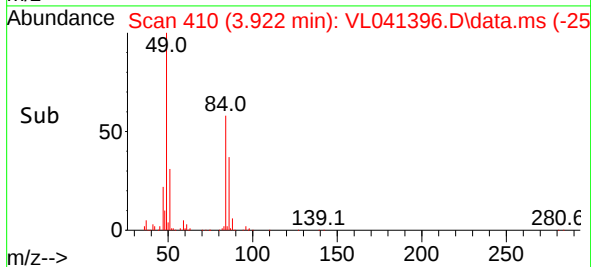
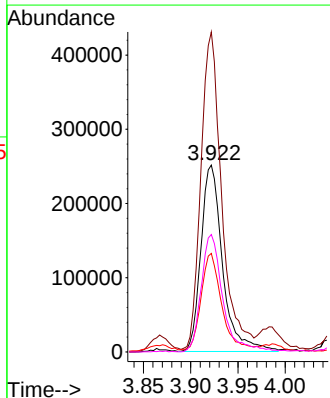
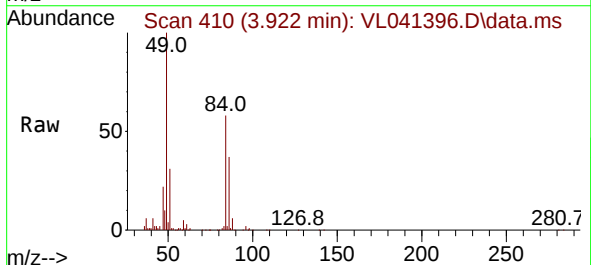
Manual Integrations
APPROVED

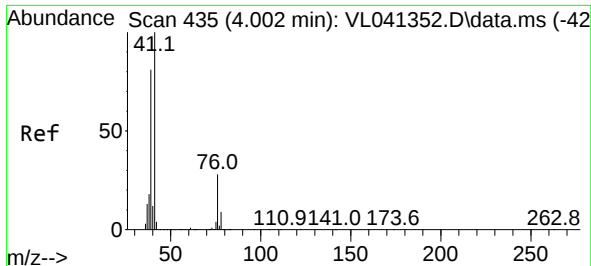
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#20
Methylene Chloride
Concen: 8.948 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Tgt Ion: 84 Resp: 400693
Ion Ratio Lower Upper
84 100
49 169.5 131.8 197.6
51 51.7 39.6 59.4
86 62.9 50.2 75.4





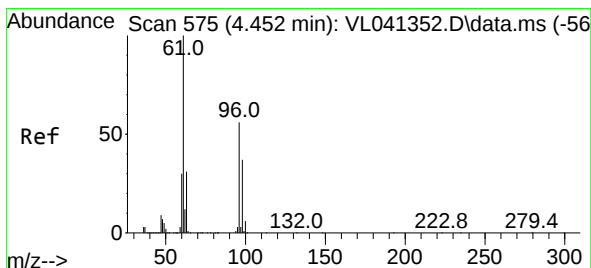
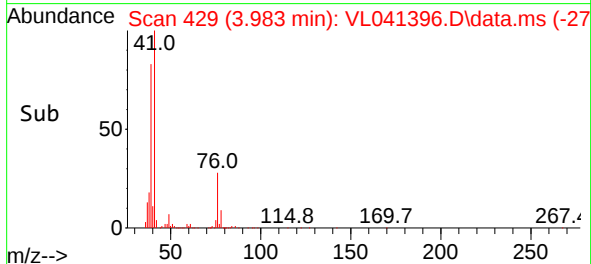
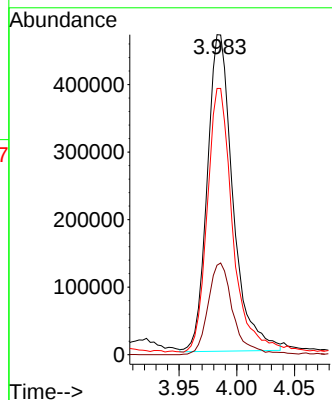
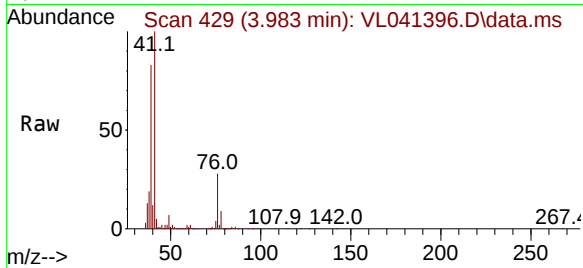
#21
Allyl Chloride
Concen: 9.775 ppbv
RT: 3.983 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 727620
Ion Ratio Lower Upper
41 100
76 28.4 23.3 34.9
39 83.7 66.0 99.0

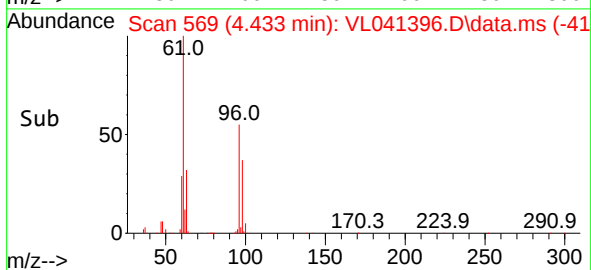
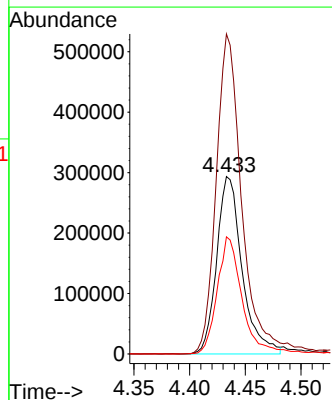
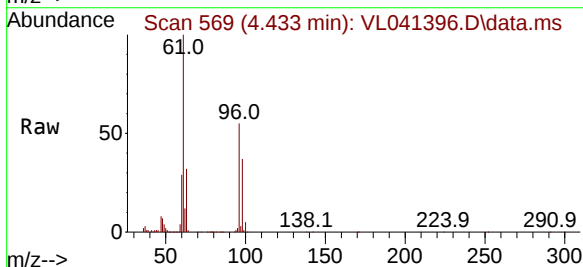
Manual Integrations
APPROVED

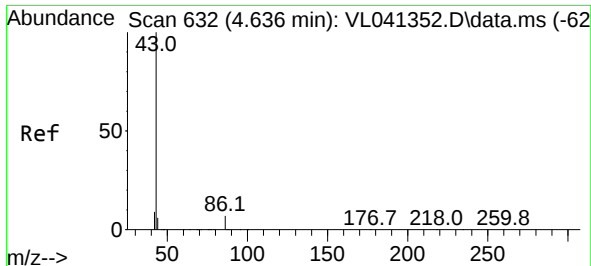
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#22
trans-1,2-Dichloroethene
Concen: 9.817 ppbv
RT: 4.433 min Scan# 569
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Tgt Ion: 96 Resp: 466234
Ion Ratio Lower Upper
96 100
61 180.4 142.0 213.0
98 66.0 52.2 78.2





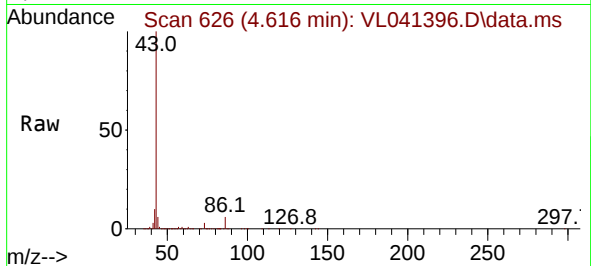
#23
 Vinyl Acetate
 Concen: 10.194 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL041396.D
 Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

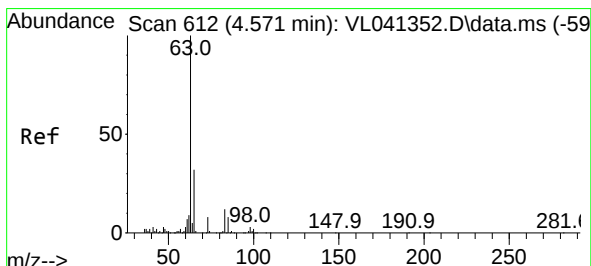
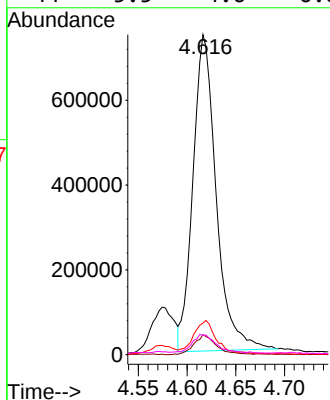
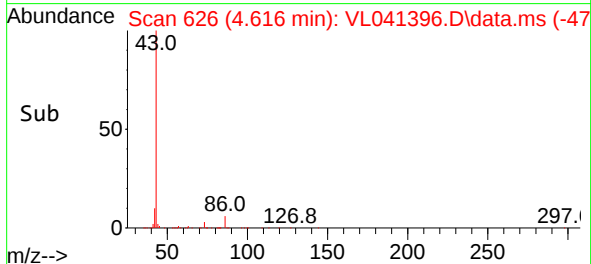


Tgt Ion: 43 Resp: 1240049
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.0 7.4
 42 9.7 7.9 11.9
 44 5.5 4.6 6.8

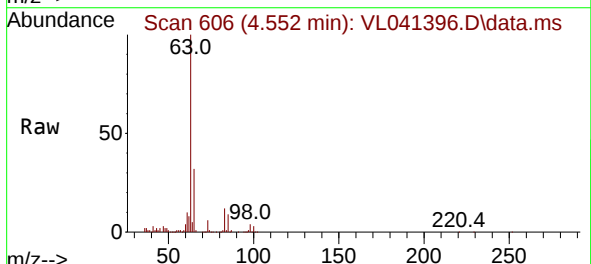
Manual Integrations

APPROVED

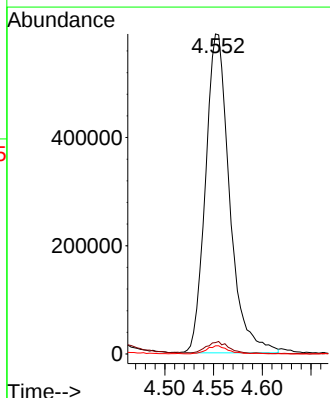
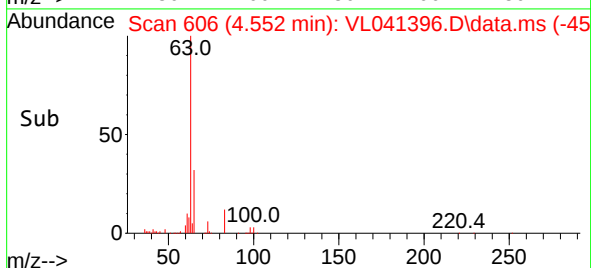
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

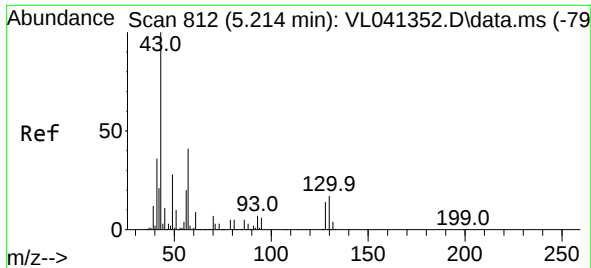


#24
 1,1-Dichloroethane
 Concen: 9.581 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.019 min
 Lab File: VL041396.D
 Acq: 23 Jul 2024 9:37



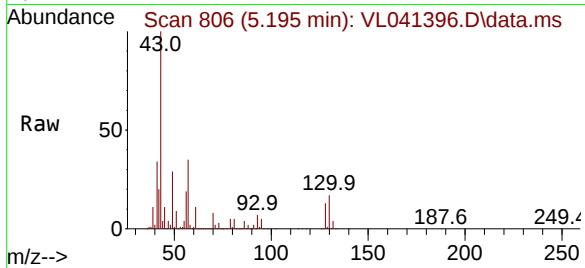
Tgt Ion: 63 Resp: 1010461
 Ion Ratio Lower Upper
 63 100
 98 3.4 1.8 5.4
 100 2.4 1.1 3.3





#25
Ethyl Acetate
Concen: 9.990 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

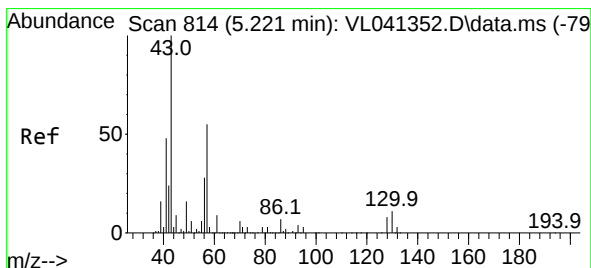
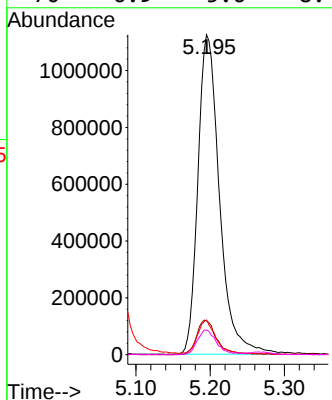
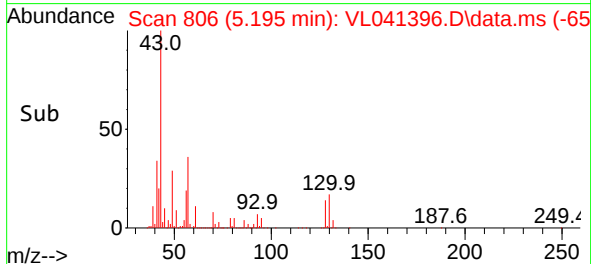
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 2270244
Ion Ratio Lower Upper
43 100
45 10.3 8.3 12.5
61 9.7 7.7 11.5
70 6.9 5.6 8.4

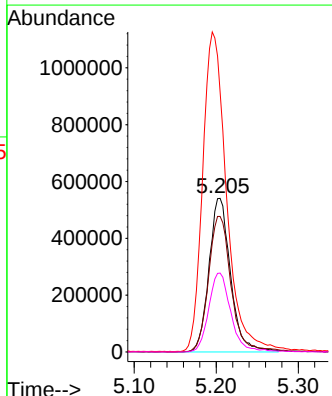
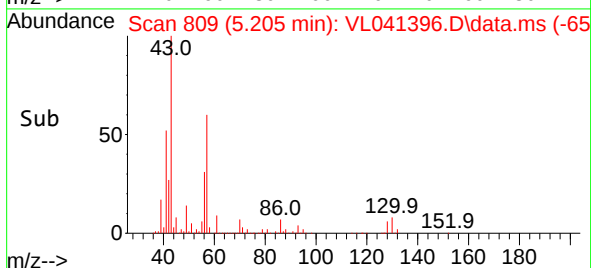
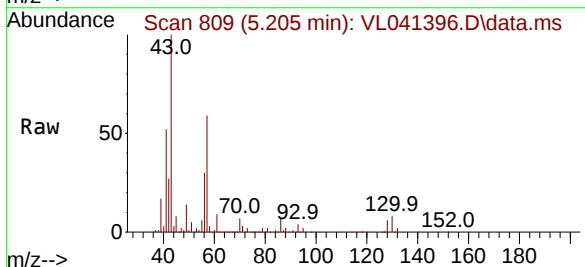
Manual Integrations
APPROVED

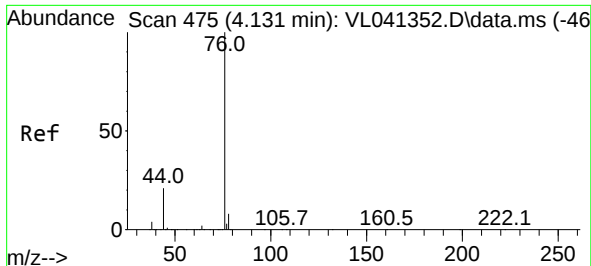
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#26
Hexane
Concen: 9.826 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

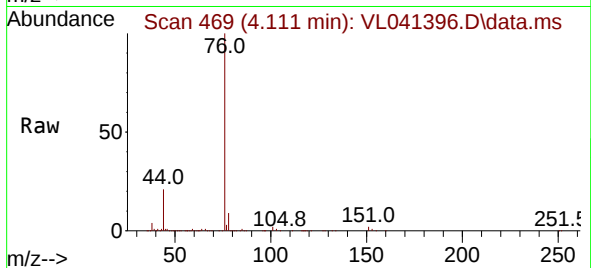
Tgt Ion: 57 Resp: 988700
Ion Ratio Lower Upper
57 100
41 93.0 73.7 110.5
43 232.5 182.2 273.2
56 53.0 41.8 62.6





#27
Carbon Disulfide
Concen: 9.334 ppbv
RT: 4.111 min Scan# 411
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

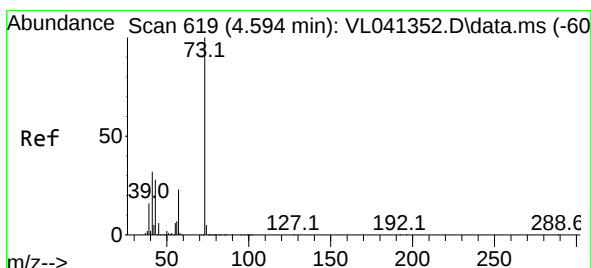
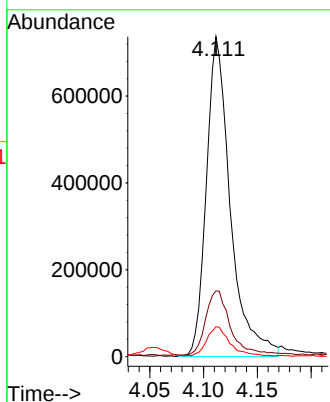
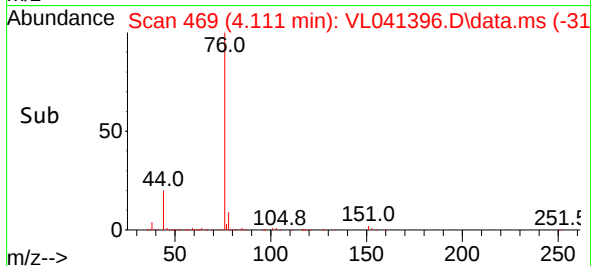
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



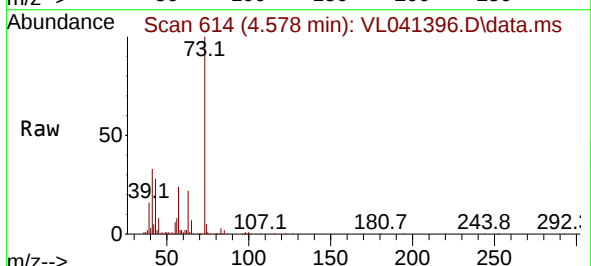
Tgt Ion: 76 Resp: 1142700
Ion Ratio Lower Upper
76 100
44 21.6 17.4 26.2
78 9.7 7.3 10.9

Manual Integrations
APPROVED

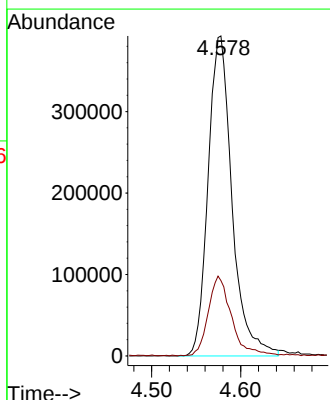
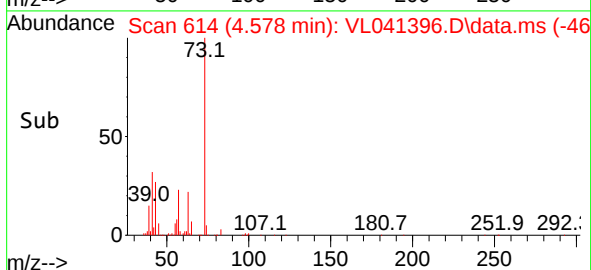
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

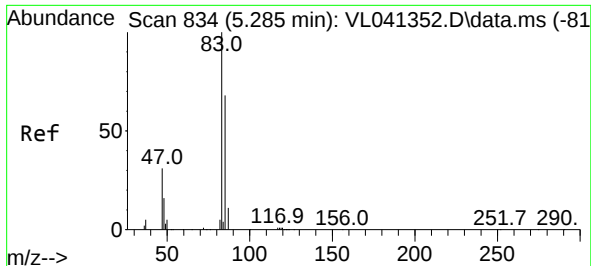


#28
Methyl tert-Butyl Ether
Concen: 9.817 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



Tgt Ion: 73 Resp: 732657
Ion Ratio Lower Upper
73 100
57 24.2 19.9 29.9





#29

Chloroform

Concen: 9.714 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 150808

Ion Ratio Lower Upper

83 100

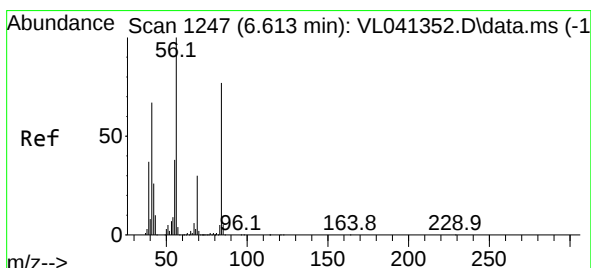
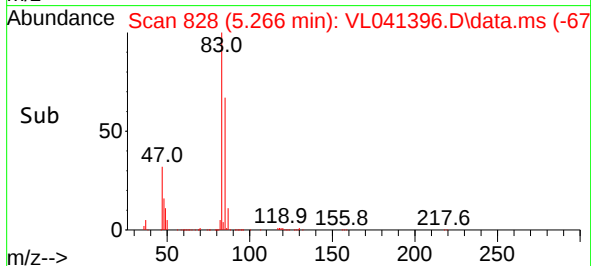
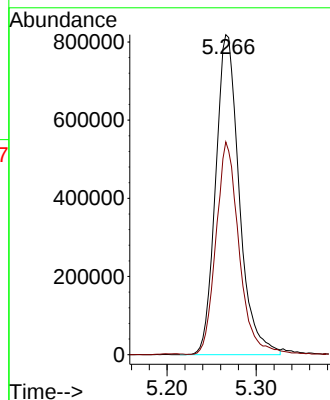
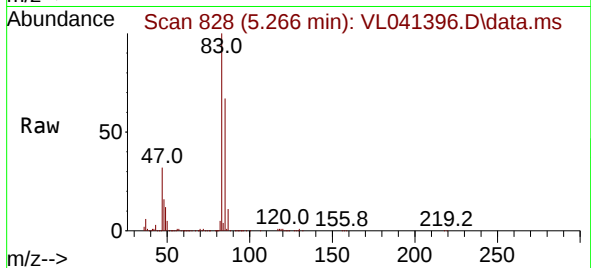
85 66.3 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#30

Cyclohexane

Concen: 10.496 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.019 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

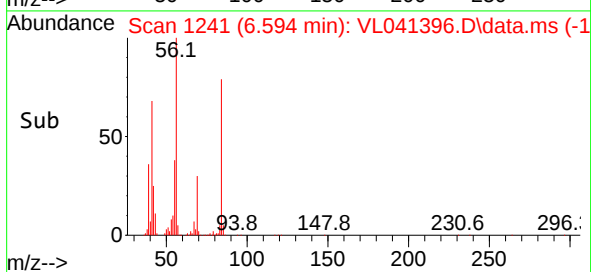
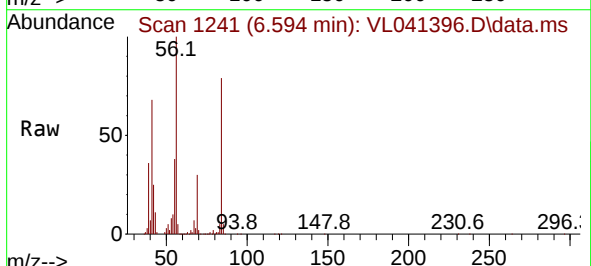
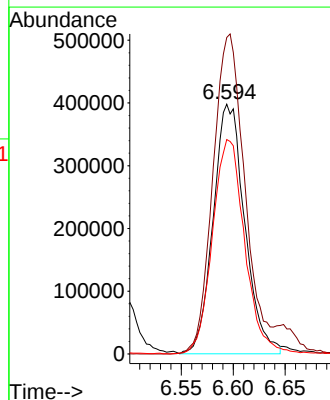
Tgt Ion: 84 Resp: 841374

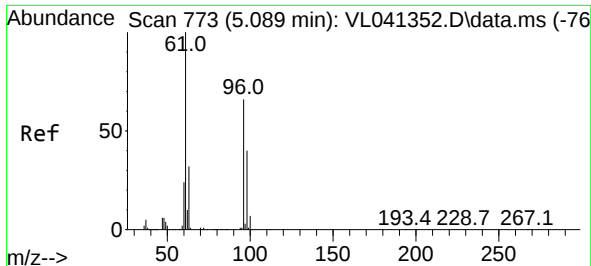
Ion Ratio Lower Upper

84 100

56 137.8 112.4 168.6

41 88.0 72.7 109.1





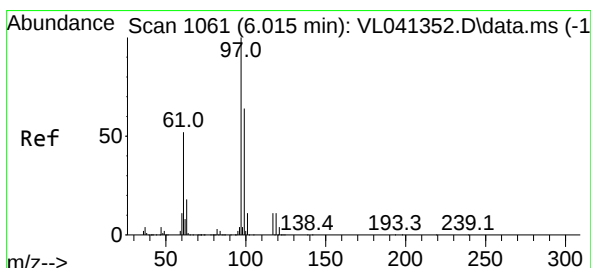
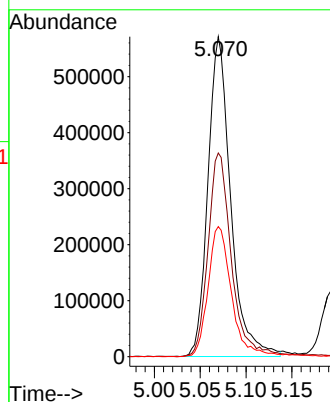
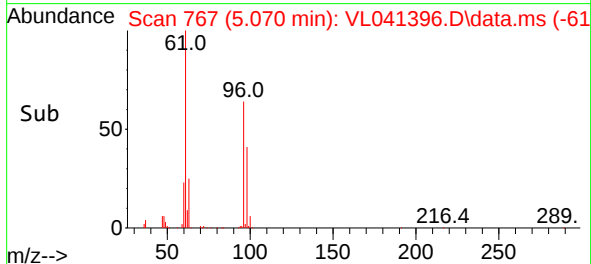
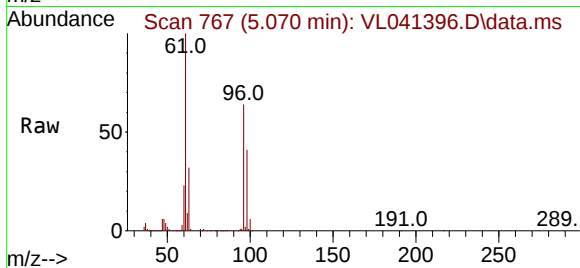
#31
cis-1,2-Dichloroethene
Concen: 10.188 ppbv
RT: 5.070 min Scan# 70
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 982752
Ion Ratio Lower Upper
61 100
96 63.7 52.6 79.0
98 40.6 32.3 48.5

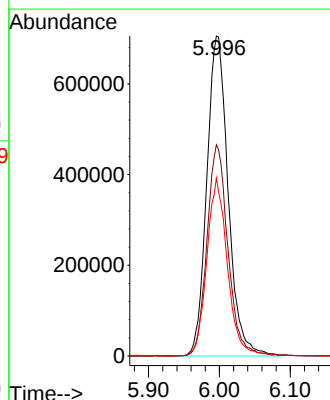
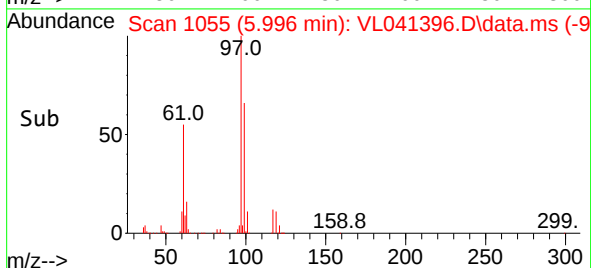
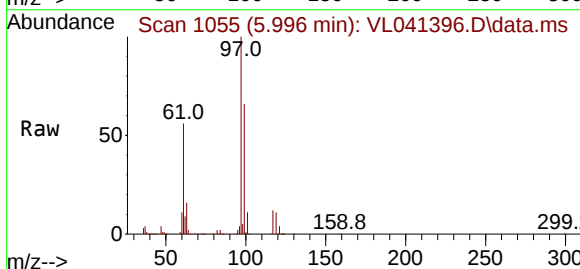
Manual Integrations
APPROVED

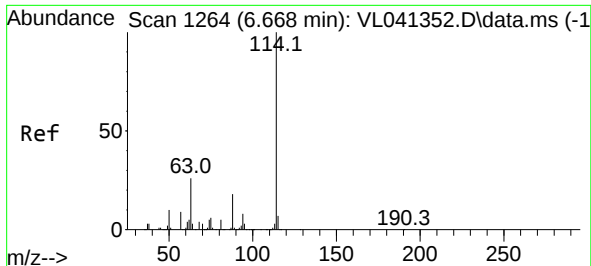
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#32
1,1,1-Trichloroethane
Concen: 9.083 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Tgt Ion: 97 Resp: 1480076
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 53.4 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.019 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2481440

Ion Ratio Lower Upper

114 100

63 25.6 20.6 31.0

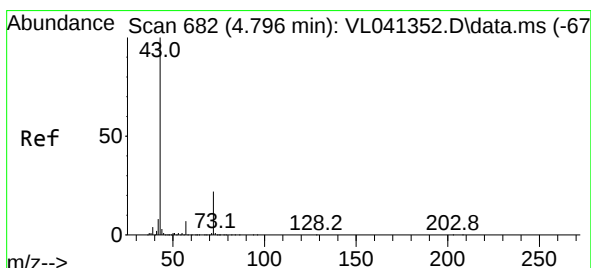
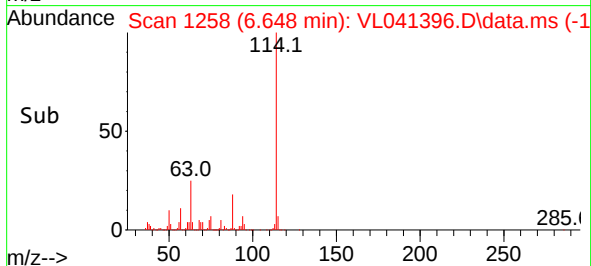
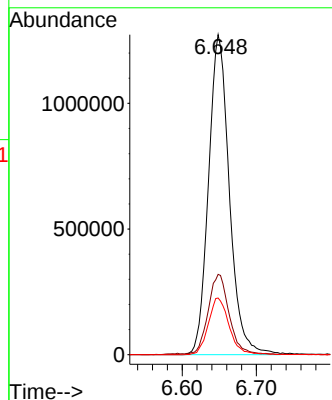
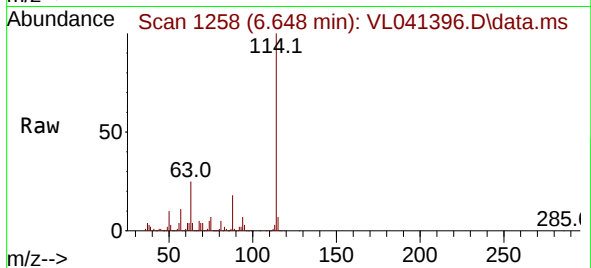
88 17.7 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#34

2-Butanone

Concen: 10.490 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.019 min

Lab File: VL041396.D

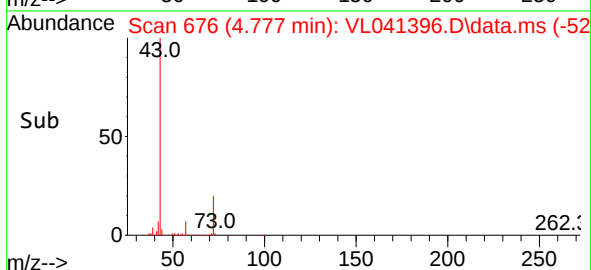
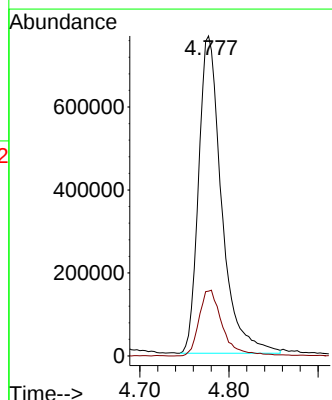
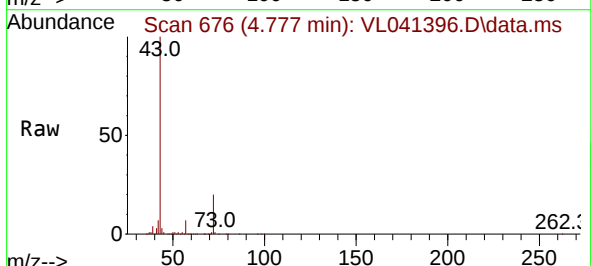
Acq: 23 Jul 2024 9:37

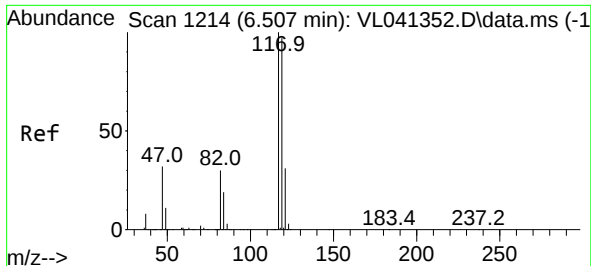
Tgt Ion: 43 Resp: 1373645

Ion Ratio Lower Upper

43 100

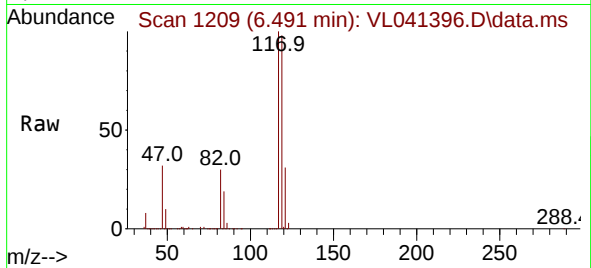
72 21.6 17.2 25.8





#35
Carbon Tetrachloride
Concen: 9.159 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

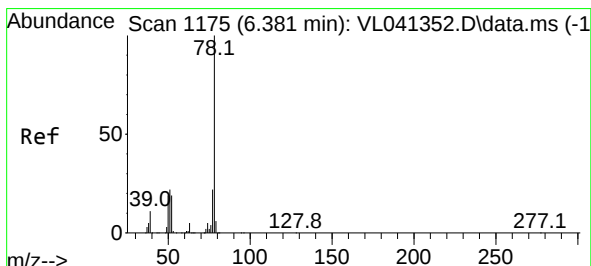
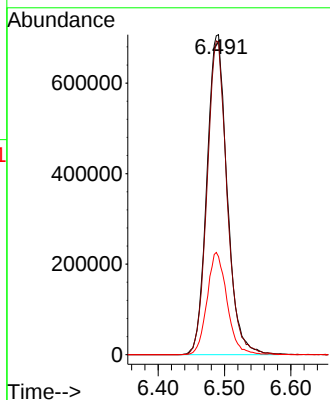
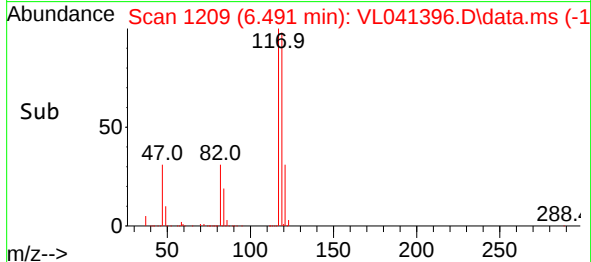
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 150082
Ion Ratio Lower Upper
117 100
119 97.6 77.2 115.8
121 30.6 25.2 37.8

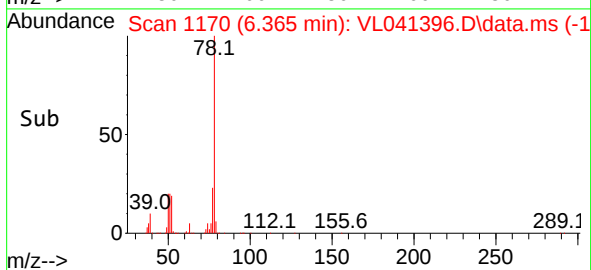
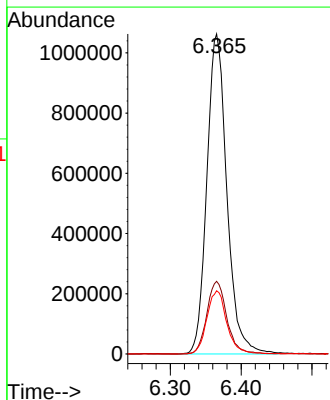
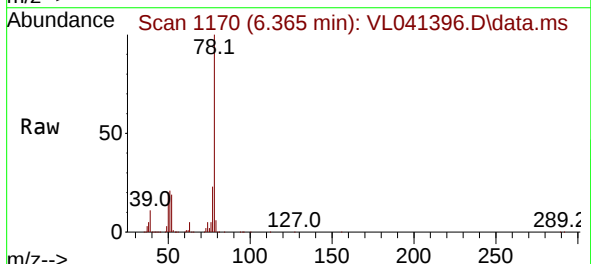
Manual Integrations
APPROVED

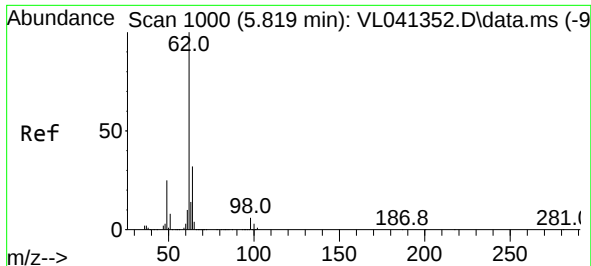
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#36
Benzene
Concen: 10.161 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Tgt Ion: 78 Resp: 2086690
Ion Ratio Lower Upper
78 100
77 22.7 17.9 26.9
50 19.7 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.129 ppbv

RT: 5.800 min Scan# 994

Delta R.T. -0.019 min

Lab File: VL041396.D

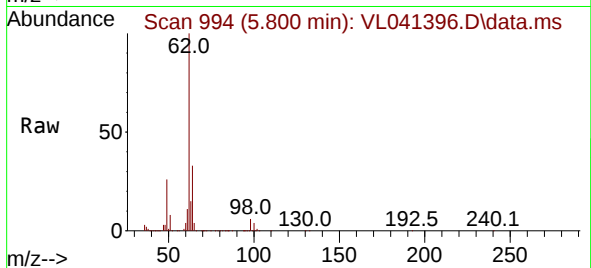
Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 62 Resp: 1193538

Ion Ratio Lower Upper

62 100

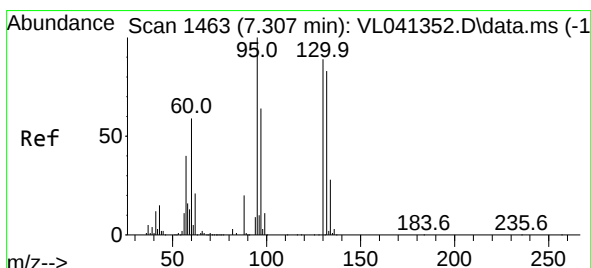
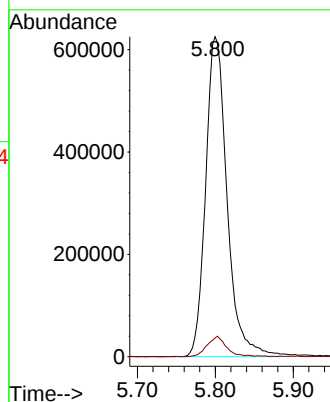
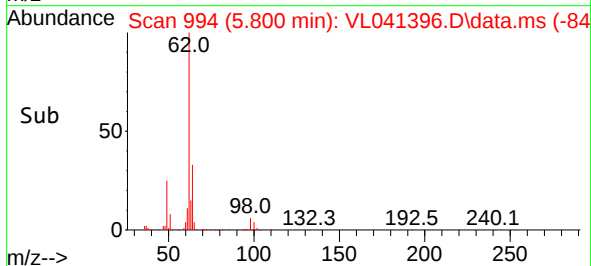
98 6.1 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#38

Trichloroethene

Concen: 9.020 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.022 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Tgt Ion:130 Resp: 806986

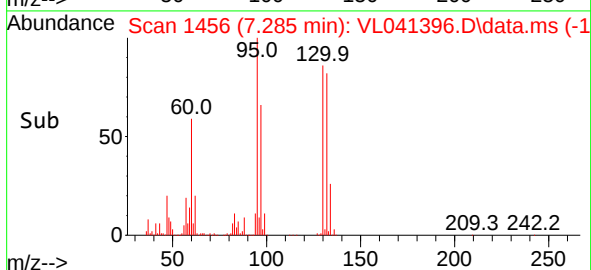
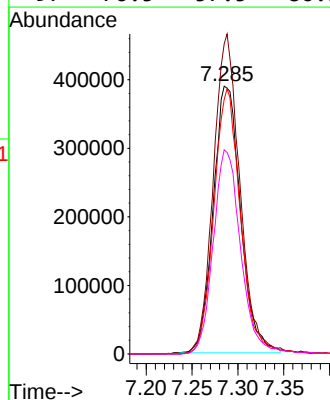
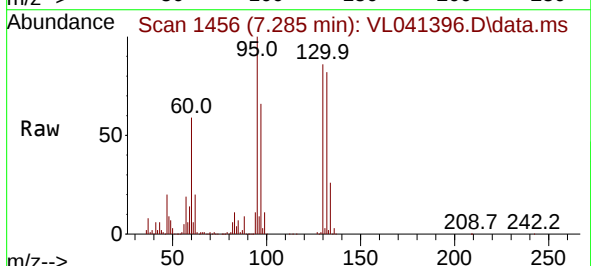
Ion Ratio Lower Upper

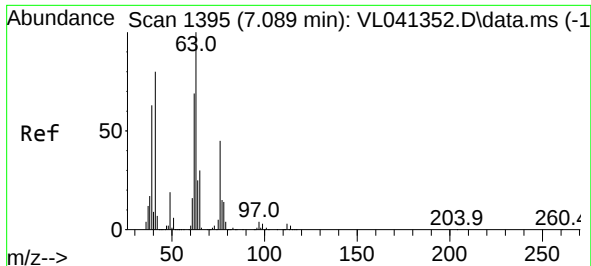
130 100

95 116.2 90.0 135.0

132 95.4 74.8 112.2

97 76.5 57.5 86.3





#39

1,2-Dichloropropane

Concen: 10.087 ppbv

RT: 7.070 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL041396.D

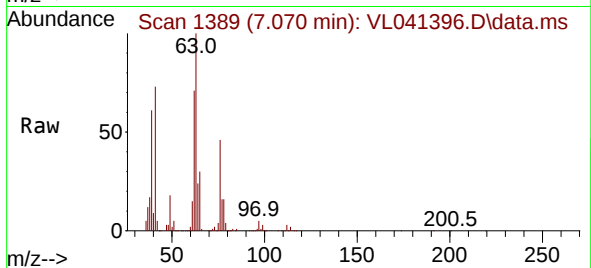
Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 63 Resp: 800504

Ion Ratio Lower Upper

63 100

41 73.2 64.0 96.0

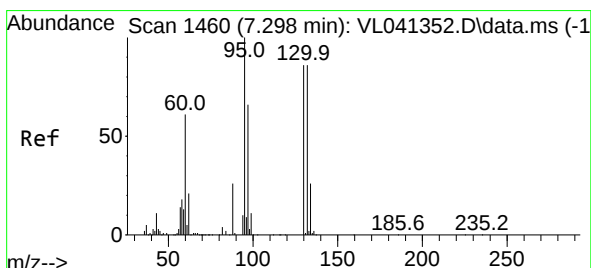
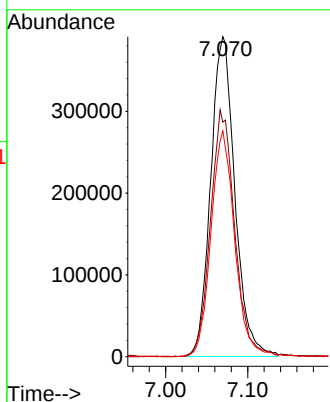
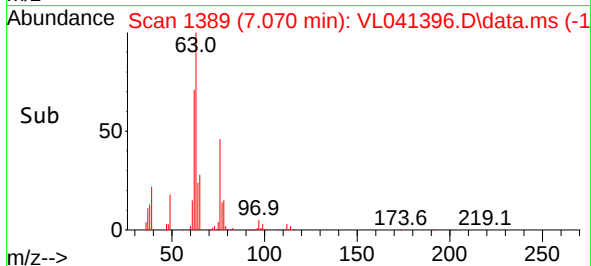
62 70.5 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#40

1,4-Dioxane

Concen: 4.487 ppbv m

RT: 7.291 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Tgt Ion: 88 Resp: 114168

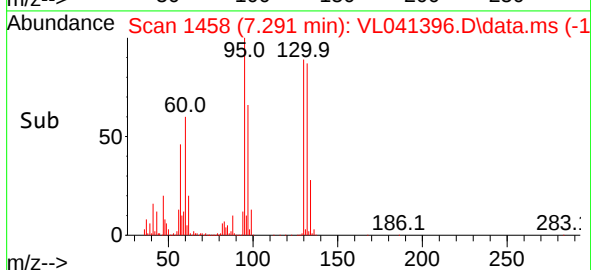
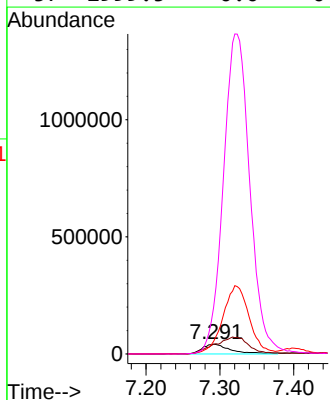
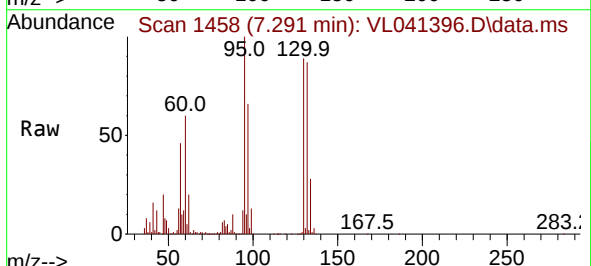
Ion Ratio Lower Upper

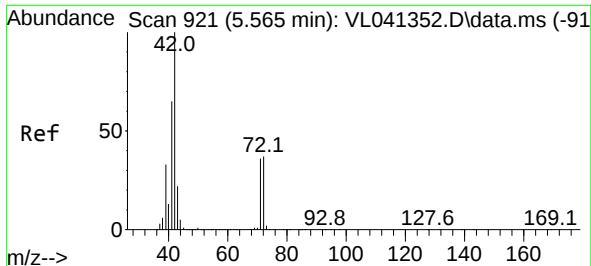
88 100

58 205.0 47.9 71.9#

43 634.1 0.0 0.0#

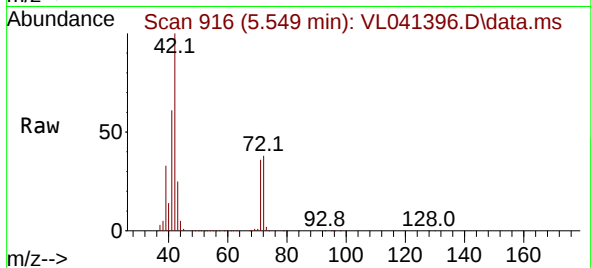
57 2999.5 0.0 0.0#





#41
Tetrahydrofuran
Concen: 10.565 ppbv
RT: 5.549 min Scan# 916
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

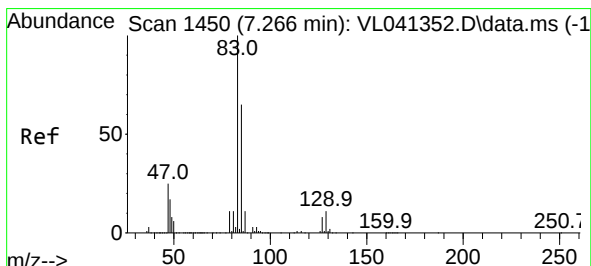
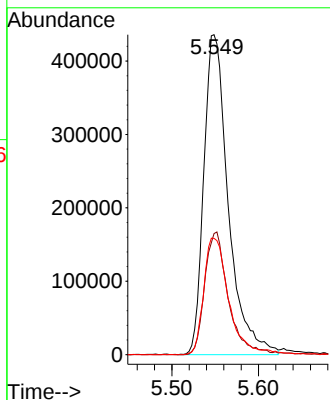
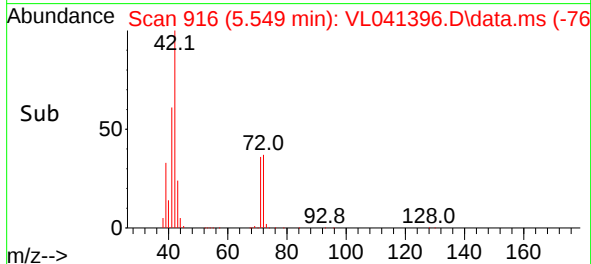
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 856907
Ion Ratio Lower Upper
42 100
72 37.5 30.3 45.5
71 37.7 29.7 44.5

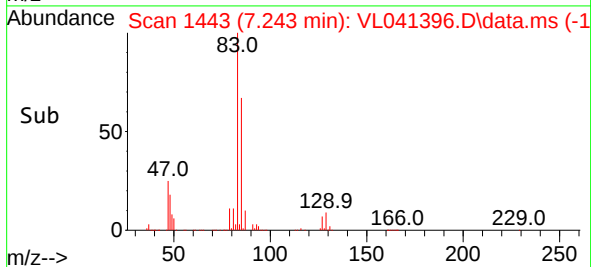
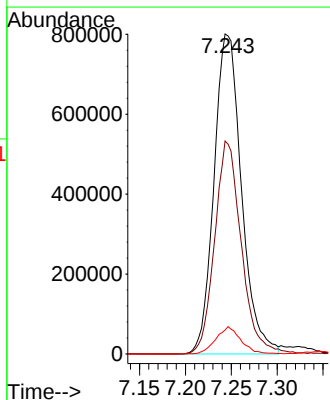
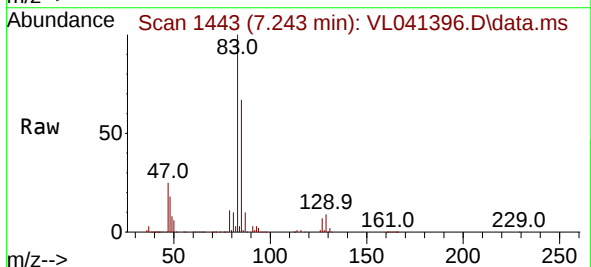
Manual Integrations
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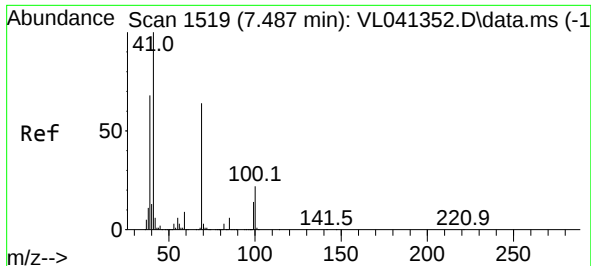
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#42
Bromodichloromethane
Concen: 10.121 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.022 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Tgt Ion: 83 Resp: 1668643
Ion Ratio Lower Upper
83 100
85 66.6 52.0 78.0
127 7.5 6.0 9.0





#43
Methyl Methacrylate
Concen: 10.946 ppbv
RT: 7.471 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

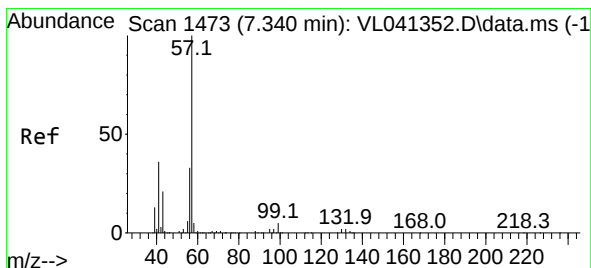
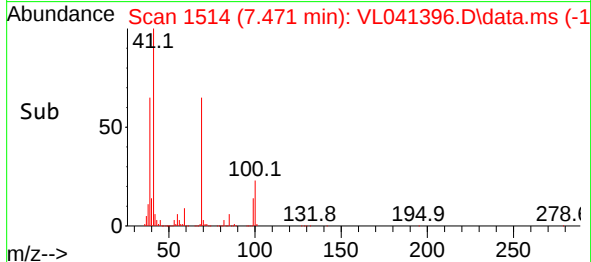
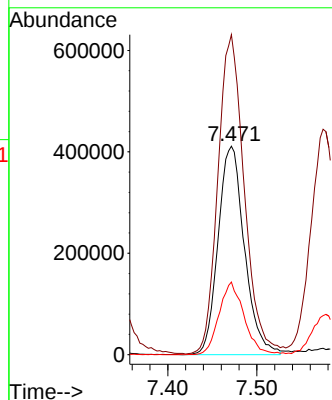
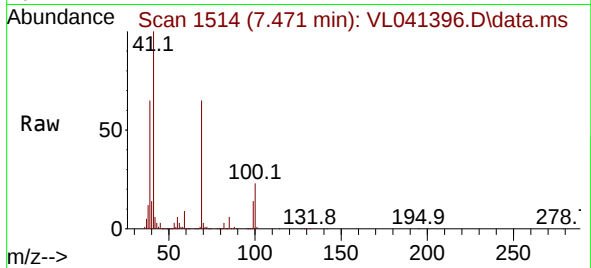
ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 84455
Ion Ratio Lower Upper
69 100
41 152.8 125.0 187.6
100 33.1 26.8 40.2

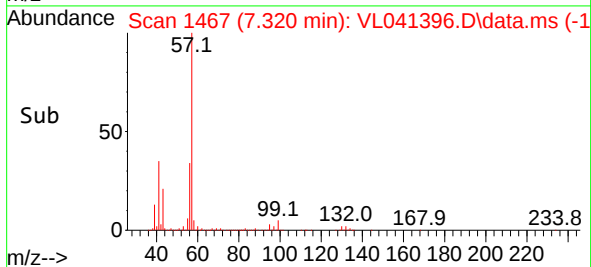
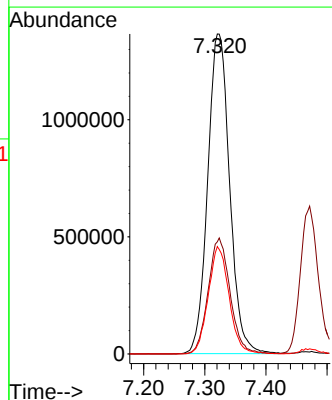
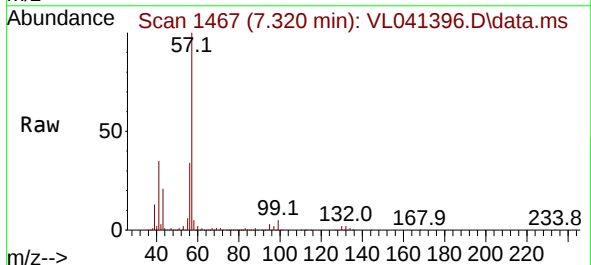
Manual Integrations
APPROVED

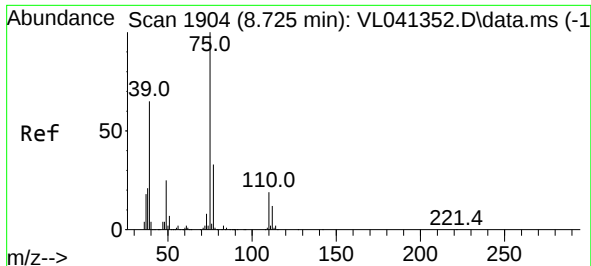
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#44
2,2,4-Trimethylpentane
Concen: 9.755 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

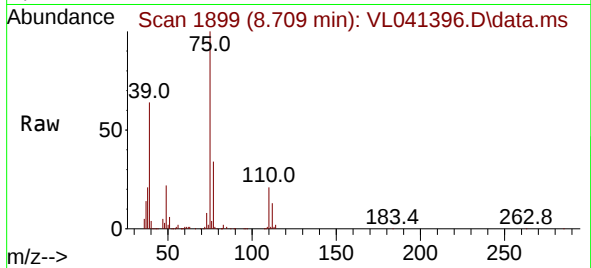
Tgt Ion: 57 Resp: 3404636
Ion Ratio Lower Upper
57 100
41 36.3 29.6 44.4
56 32.1 25.7 38.5





#45
t-1,3-Dichloropropene
Concen: 12.209 ppbv
RT: 8.709 min Scan# 1899
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

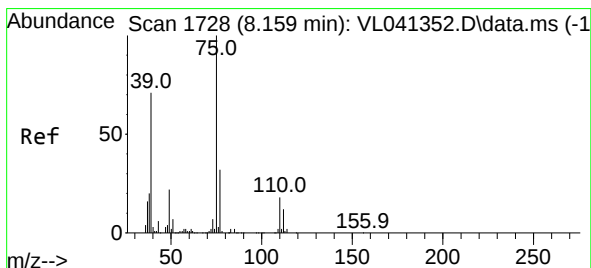
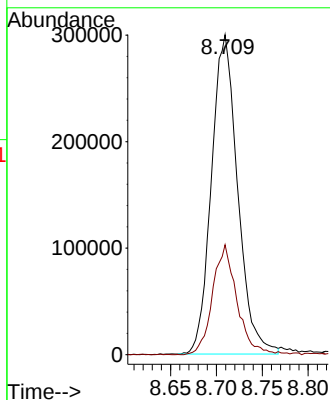
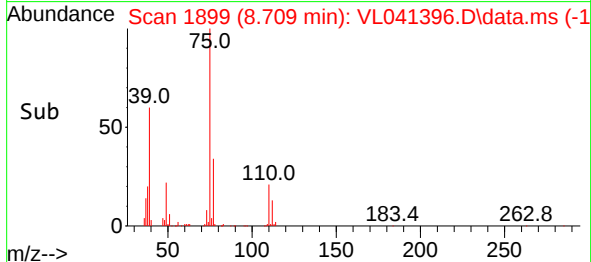
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 59616
Ion Ratio Lower Upper
75 100
77 34.3 26.2 39.2

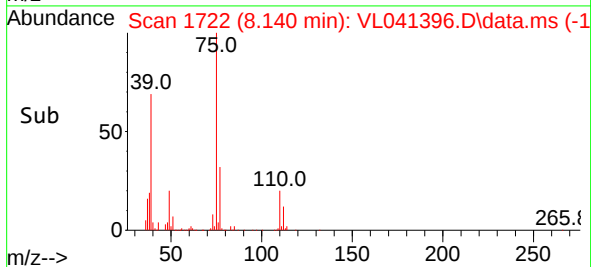
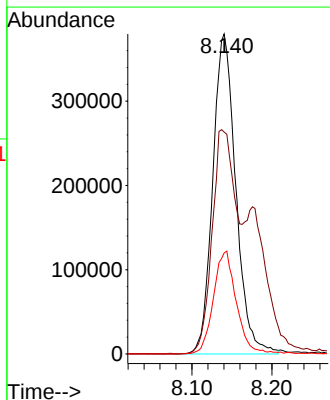
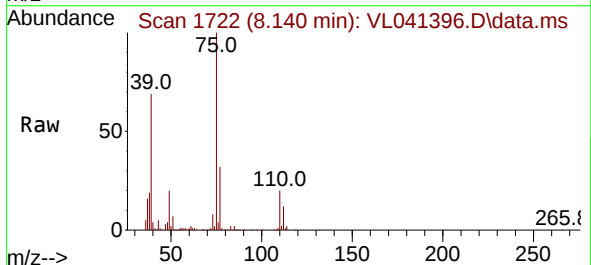
Manual Integrations
APPROVED

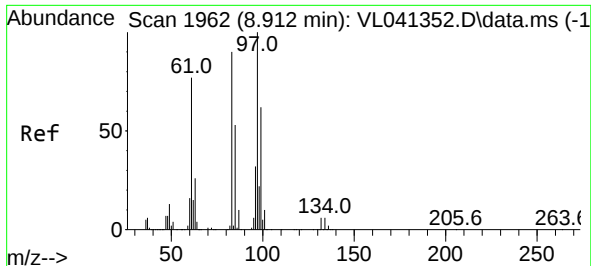
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#46
cis-1,3-Dichloropropene
Concen: 11.564 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Tgt Ion: 75 Resp: 759295
Ion Ratio Lower Upper
75 100
39 69.3 56.6 85.0
77 31.5 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 10.087 ppbv

RT: 8.899 min Scan# 1962

Delta R.T. -0.013 min

Lab File: VL041396.D

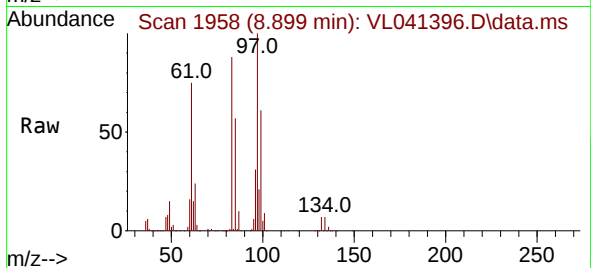
Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 858580

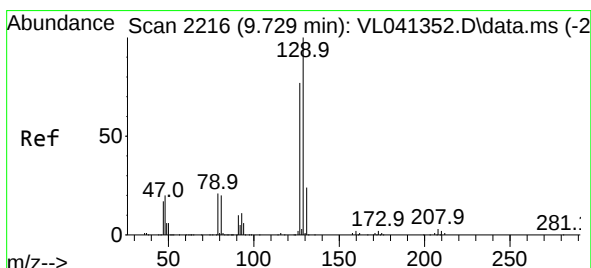
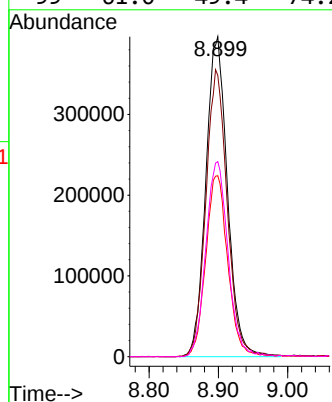
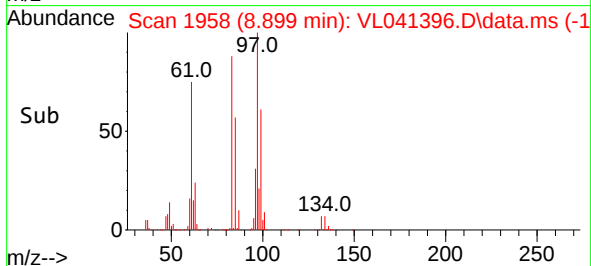
Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.4	108.6
85	56.4	42.6	64.0
99	61.0	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#48

Dibromochloromethane

Concen: 10.119 ppbv

RT: 9.709 min Scan# 2210

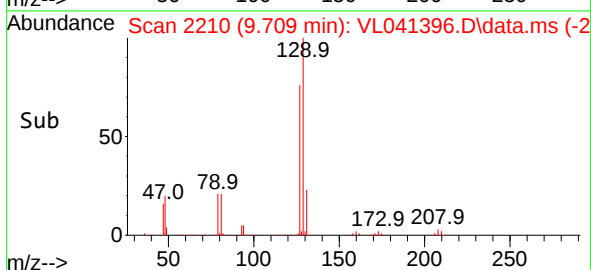
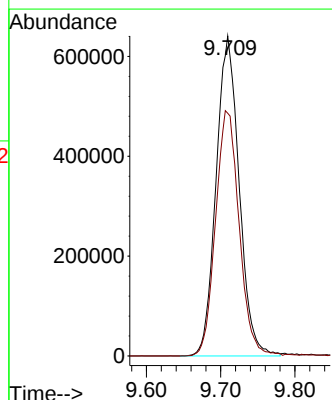
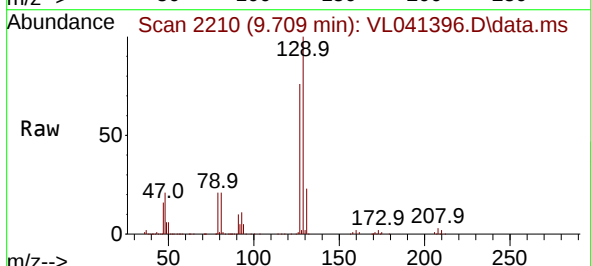
Delta R.T. -0.019 min

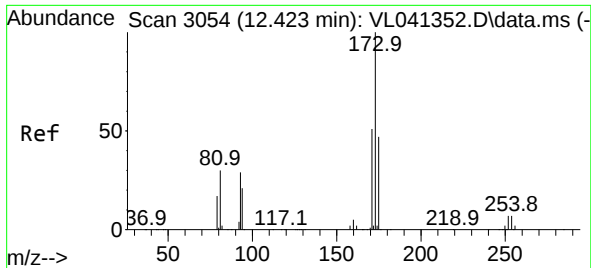
Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Tgt Ion:129 Resp: 1383152

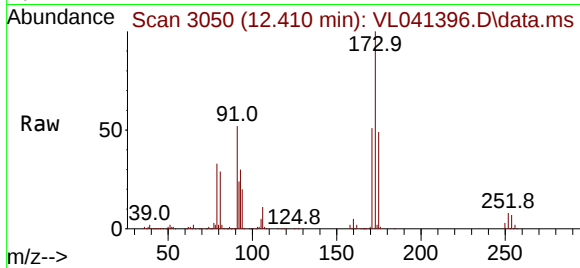
Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.9	119.7





#49
Bromoform
Concen: 10.358 ppbv
RT: 12.410 min Scan# 3054
Delta R.T. -0.013 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

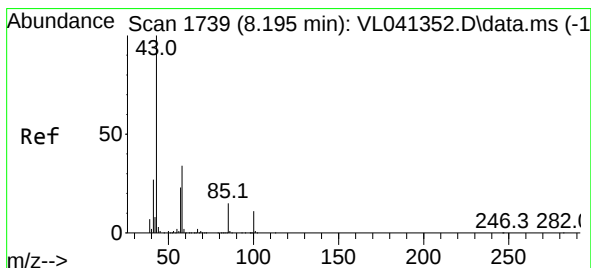
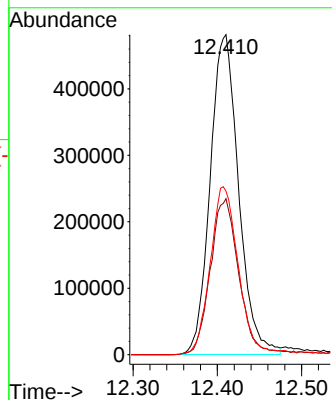
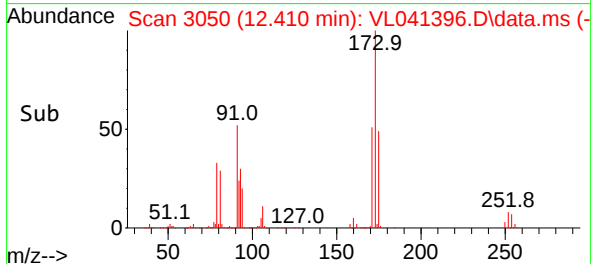
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 173 Resp: 1127654
Ion Ratio Lower Upper
173 100
175 50.6 40.3 60.5
171 52.9 43.8 65.8

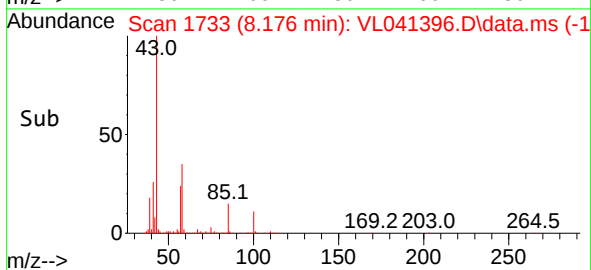
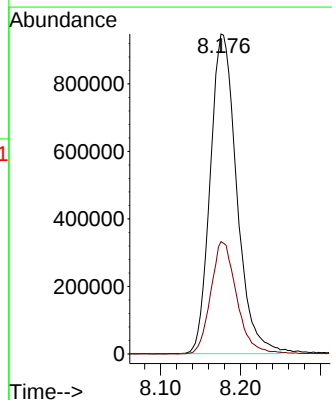
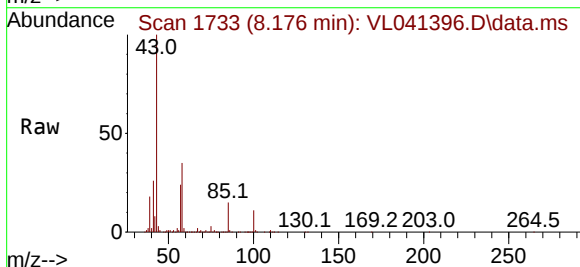
Manual Integrations
APPROVED

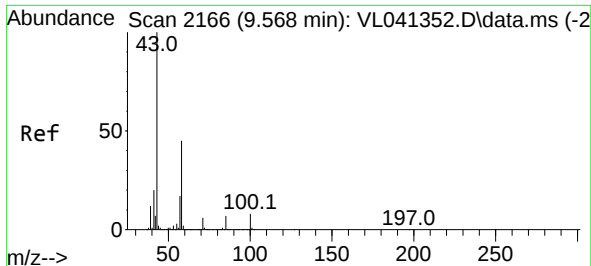
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#50
4-Methyl-2-Pentanone
Concen: 10.367 ppbv
RT: 8.176 min Scan# 1733
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

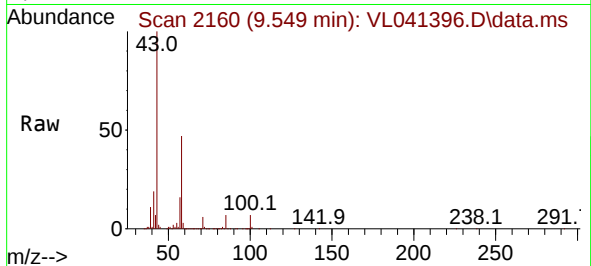
Tgt Ion: 43 Resp: 2179960
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8





#51
2-Hexanone
Concen: 10.622 ppbv
RT: 9.549 min Scan# 2166
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

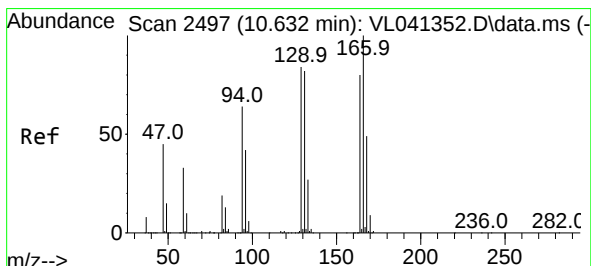
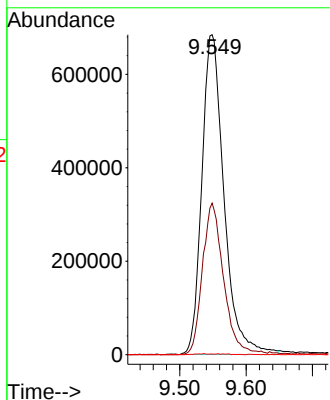
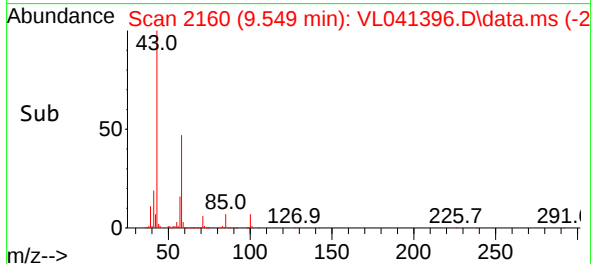
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion: 43 Resp: 158772
Ion Ratio Lower Upper
43 100
58 45.8 38.0 57.0
98 0.3 0.2 0.2

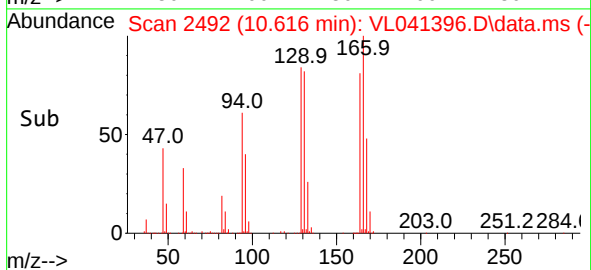
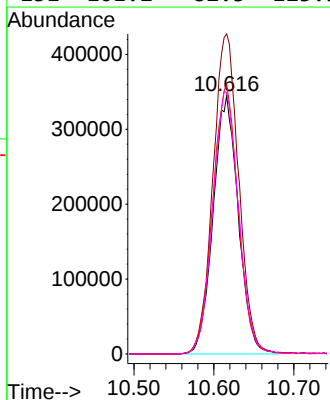
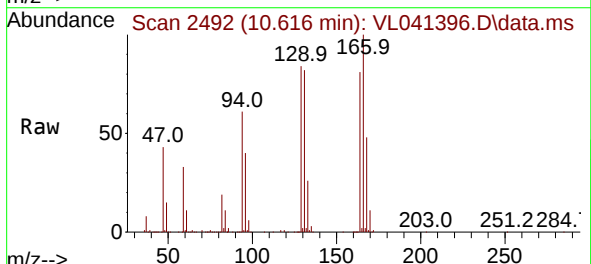
Manual Integrations
APPROVED

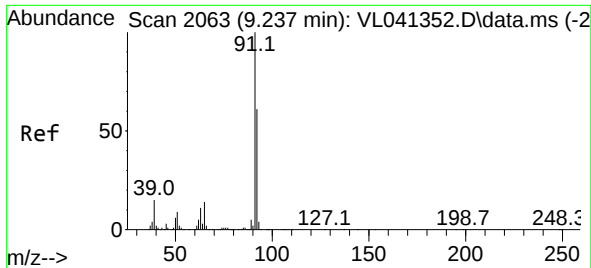
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#52
Tetrachloroethene
Concen: 9.076 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

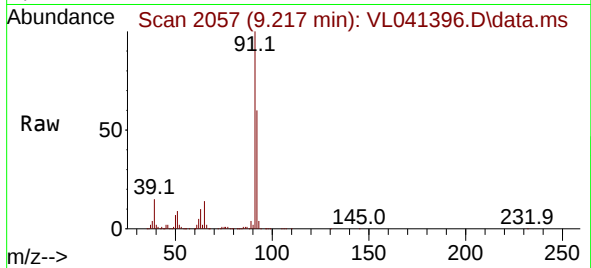
Tgt Ion:164 Resp: 748470
Ion Ratio Lower Upper
164 100
166 123.9 99.8 149.8
129 104.3 83.8 125.6
131 101.2 82.3 123.5





#53
Toluene
Concen: 10.471 ppbv
RT: 9.217 min Scan# 2063
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

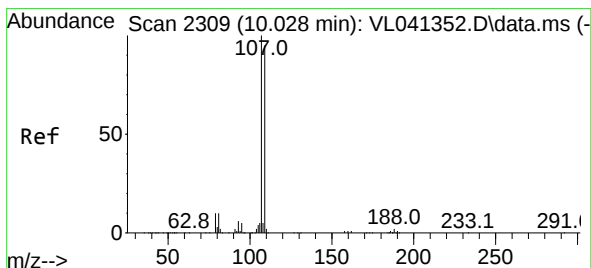
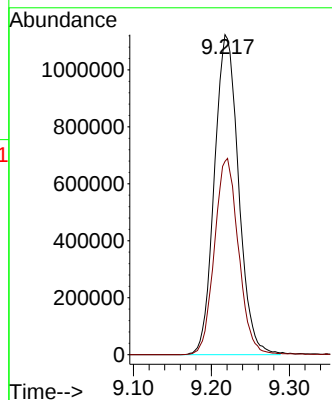
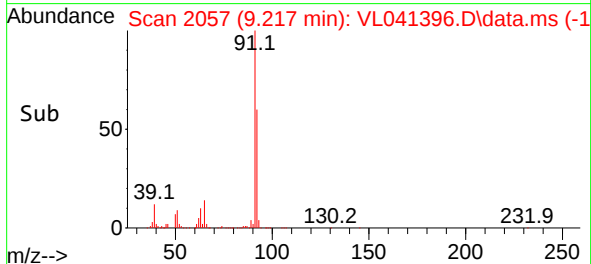
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



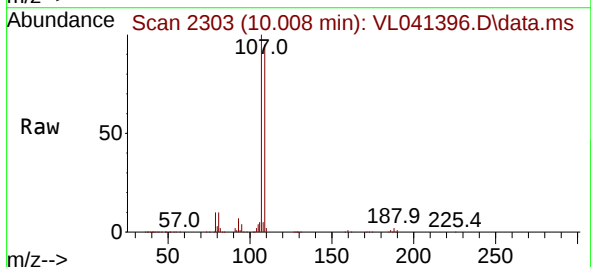
Tgt Ion: 91 Resp: 242526
Ion Ratio Lower Upper
91 100
92 61.2 48.5 72.7

Manual Integrations
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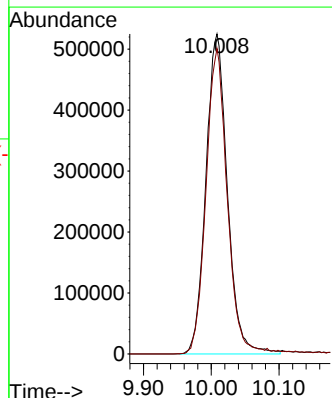
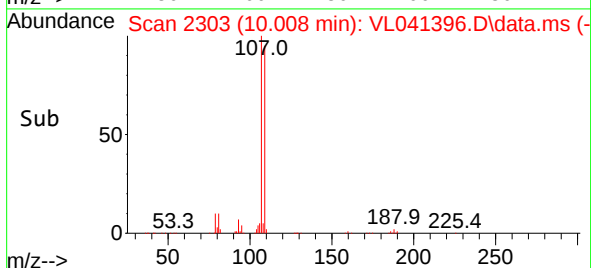
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

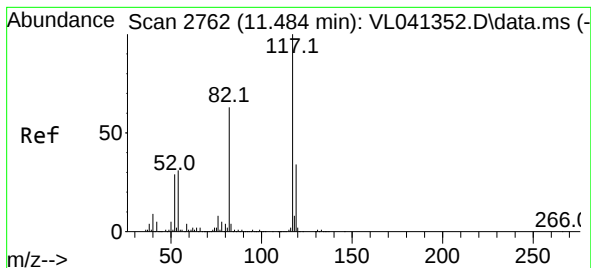


#54
1,2-Dibromoethane
Concen: 10.978 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



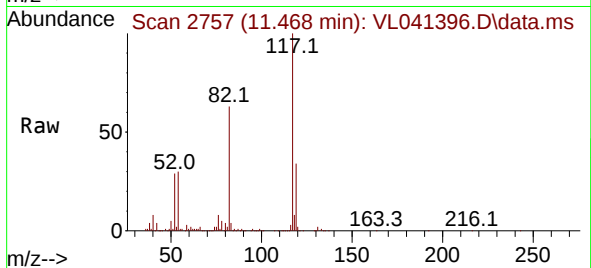
Tgt Ion:107 Resp: 1156495
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

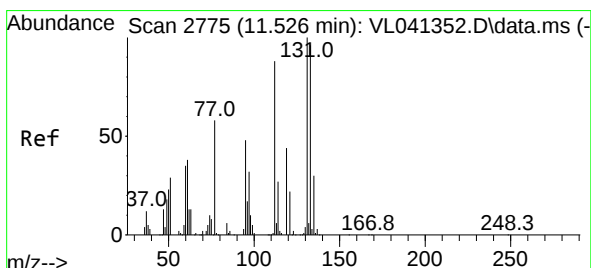
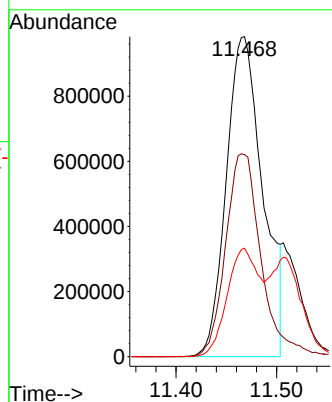
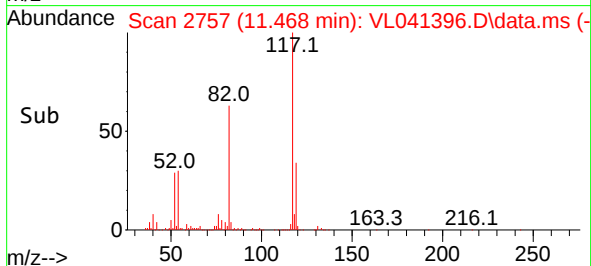
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



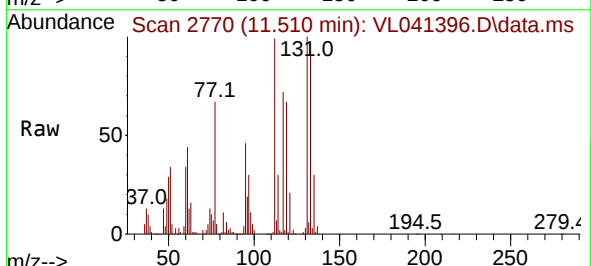
Tgt Ion:117 Resp: 247818
Ion Ratio Lower Upper
117 100
82 62.0 50.6 75.8
119 28.1 24.7 37.1

Manual Integrations
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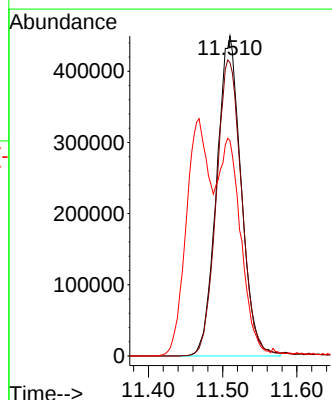
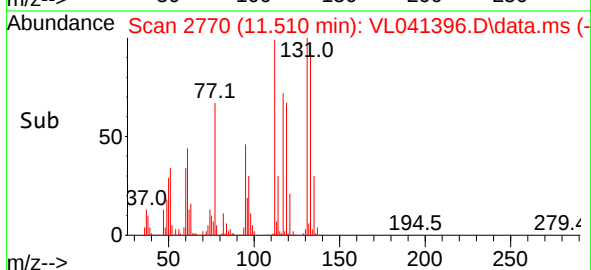
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

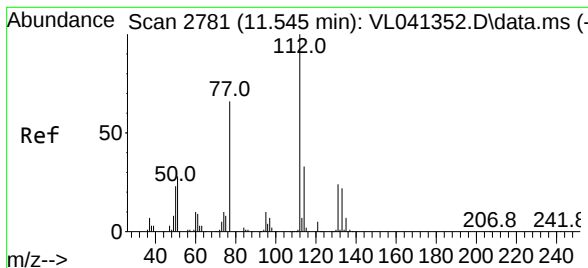


#56
1,1,1,2-Tetrachloroethane
Concen: 9.256 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



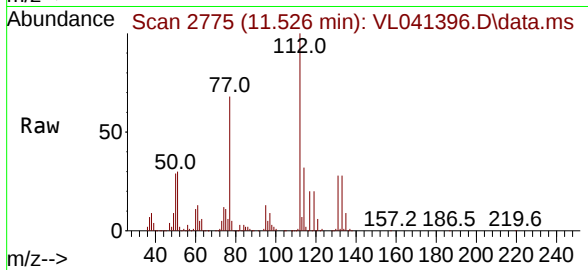
Tgt Ion:131 Resp: 1032204
Ion Ratio Lower Upper
131 100
133 96.7 76.8 115.2
119 70.4 49.4 74.0





#57
Chlorobenzene
Concen: 9.457 ppbv
RT: 11.526 min Scan# 211
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

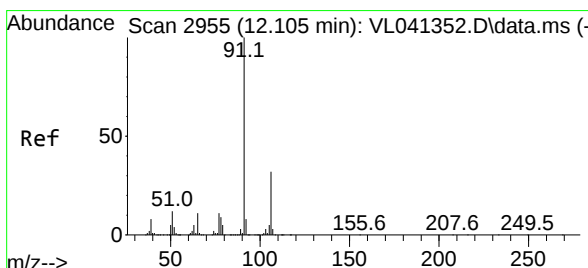
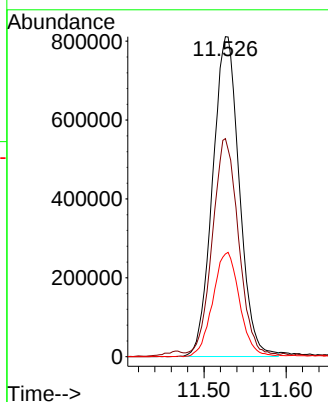
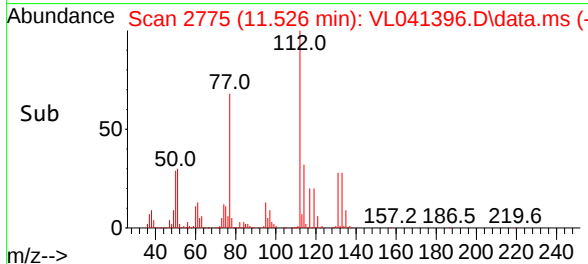
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



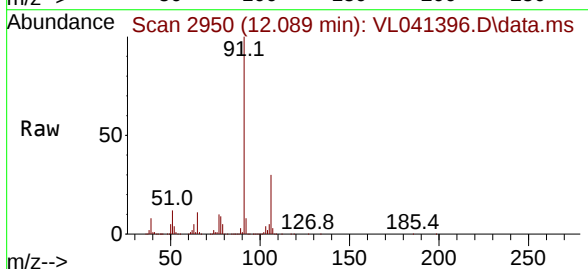
Tgt Ion: 112 Resp: 183841
Ion Ratio Lower Upper
112 100
77 67.4 53.2 79.8
114 31.9 30.1 36.7

Manual Integrations
APPROVED

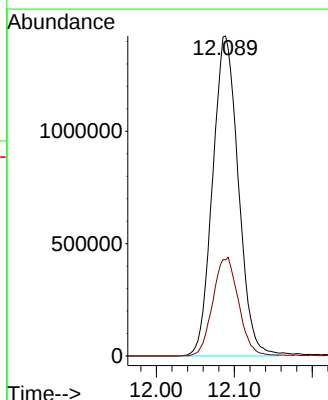
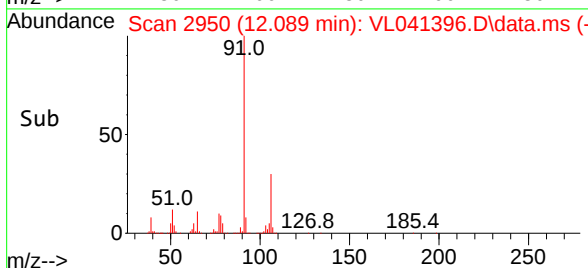
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

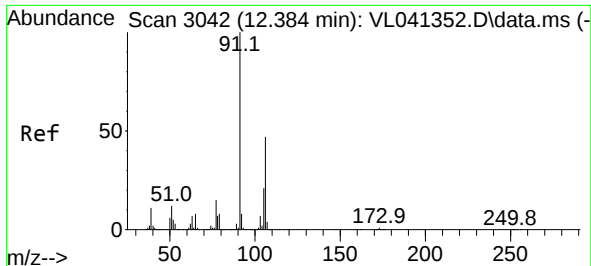


#58
Ethyl Benzene
Concen: 9.847 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



Tgt Ion: 91 Resp: 3264848
Ion Ratio Lower Upper
91 100
106 30.0 25.4 38.0





#59

m/p-Xylene

Concen: 19.189 ppbv m

RT: 12.372 min Scan# 3042

Delta R.T. -0.013 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 5506000

Ion Ratio Lower Upper

91 100

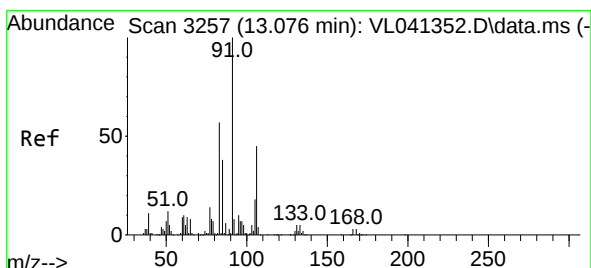
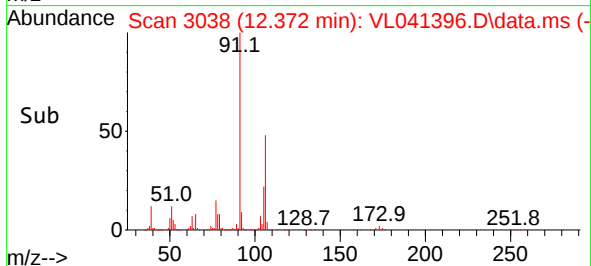
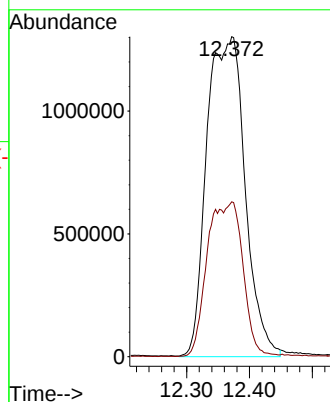
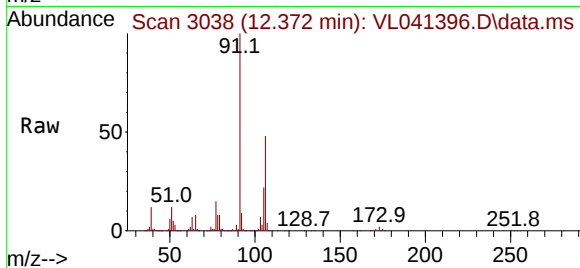
106 45.8 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#60

o-Xylene

Concen: 9.780 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. -0.016 min

Lab File: VL041396.D

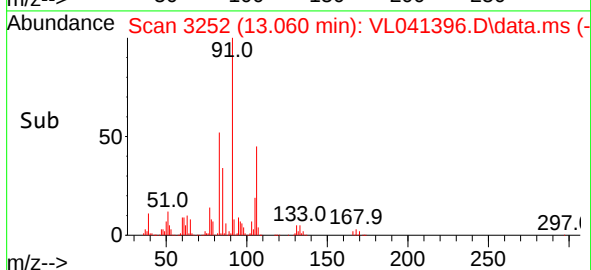
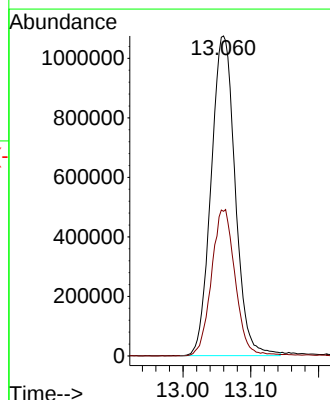
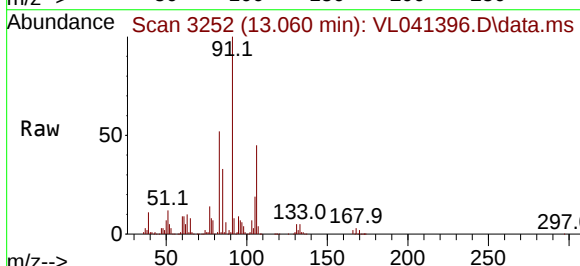
Acq: 23 Jul 2024 9:37

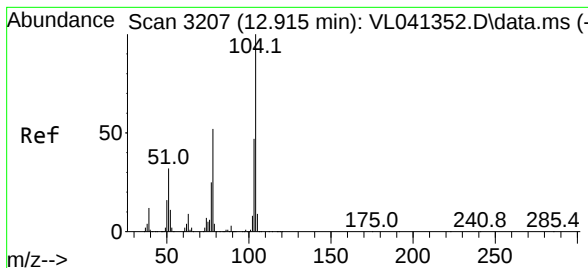
Tgt Ion: 91 Resp: 2648470

Ion Ratio Lower Upper

91 100

106 45.9 23.3 69.8





#61

Styrene

Concen: 10.526 ppbv

RT: 12.899 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL041396.D

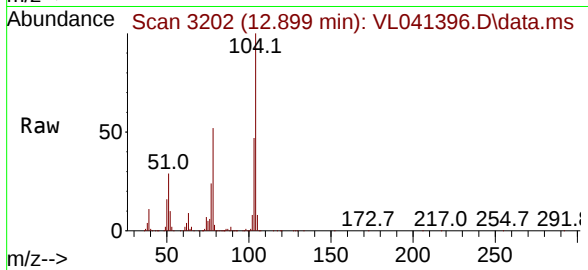
Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:104 Resp: 138428

Ion Ratio Lower Upper

104 100

78 51.6 40.6 61.0

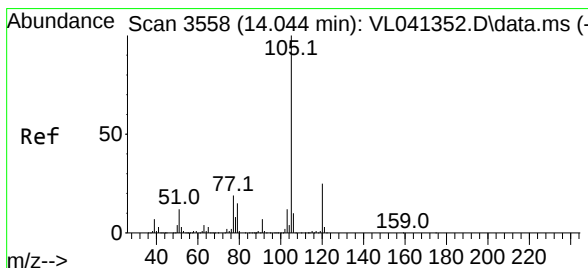
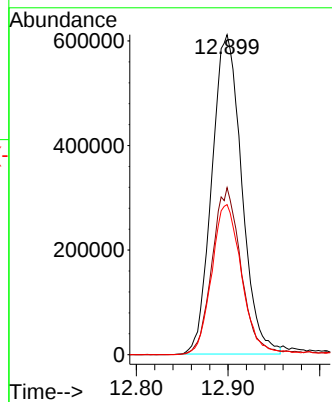
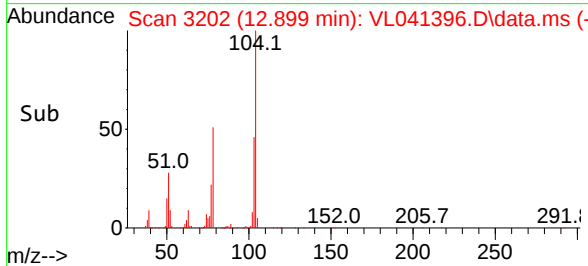
103 47.9 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#62

Isopropylbenzene

Concen: 9.445 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. -0.013 min

Lab File: VL041396.D

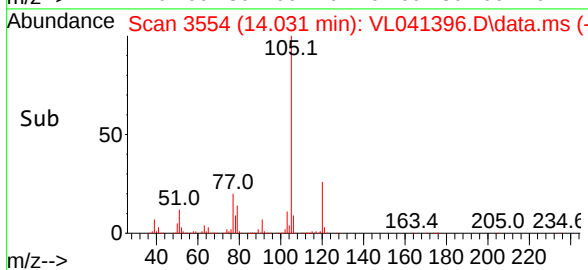
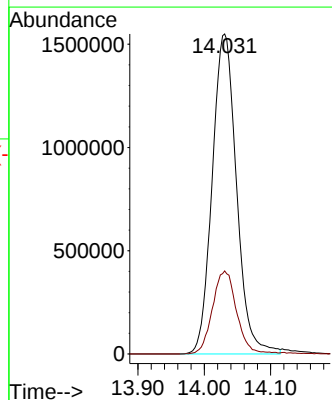
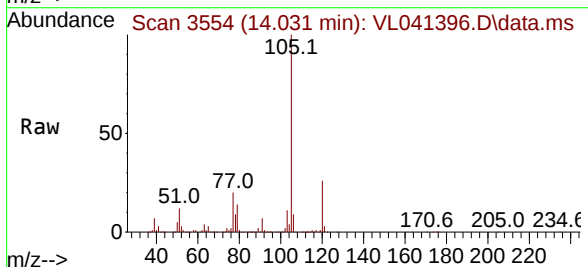
Acq: 23 Jul 2024 9:37

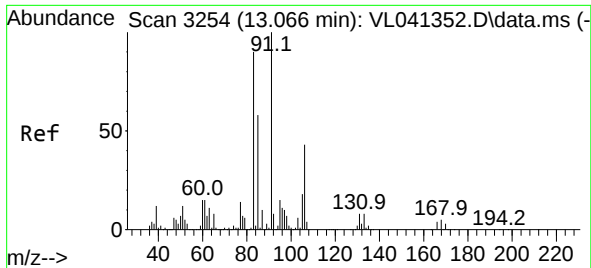
Tgt Ion:105 Resp: 3948820

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3





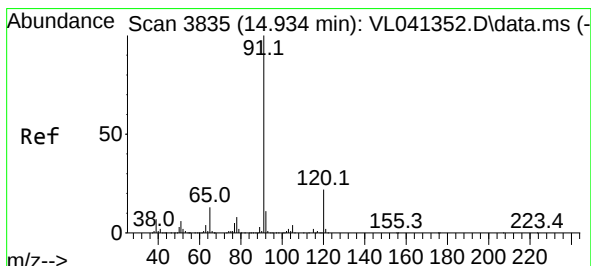
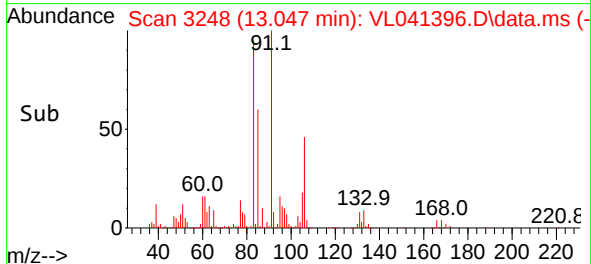
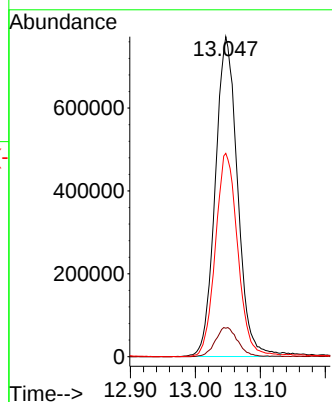
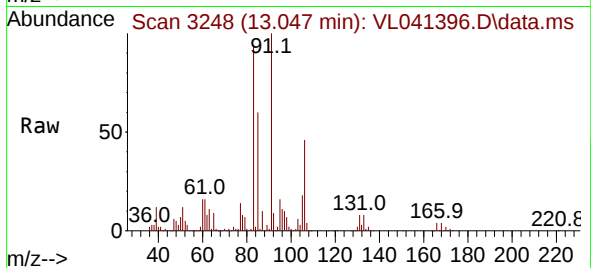
#63
1,1,2,2-Tetrachloroethane
Concen: 8.592 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 183301
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.1 33.0 98.9

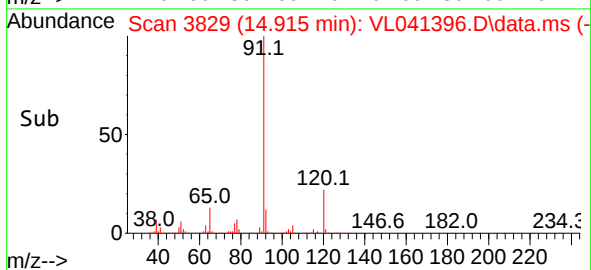
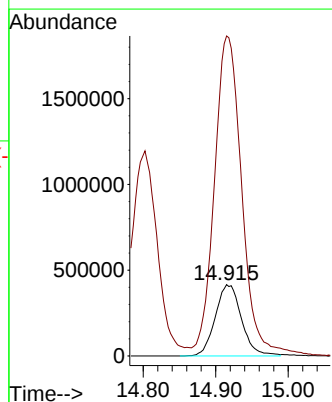
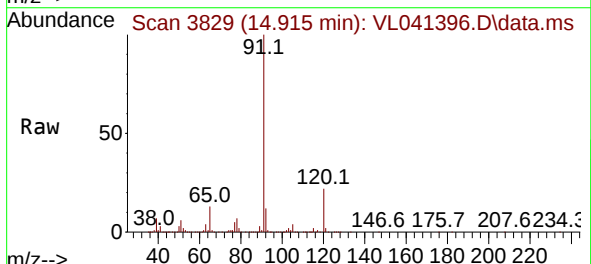
Manual Integrations
APPROVED

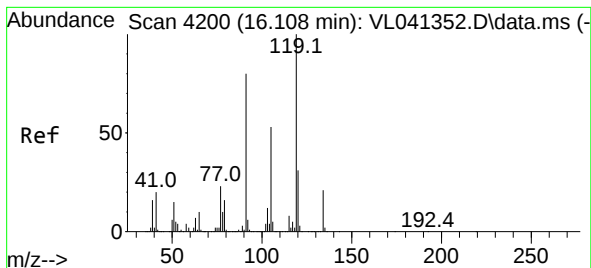
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#64
n-propylbenzene
Concen: 9.570 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Tgt Ion:120 Resp: 1044454
Ion Ratio Lower Upper
120 100
91 470.4 378.4 567.6





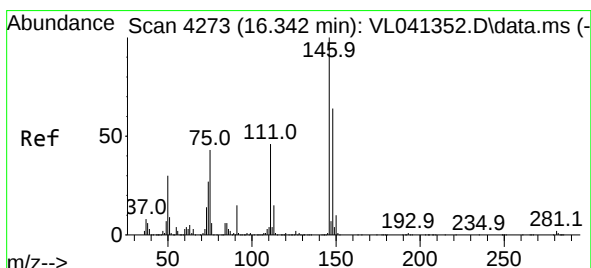
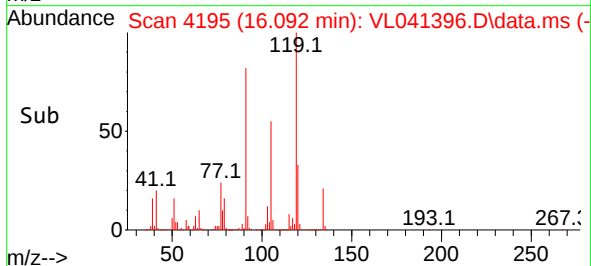
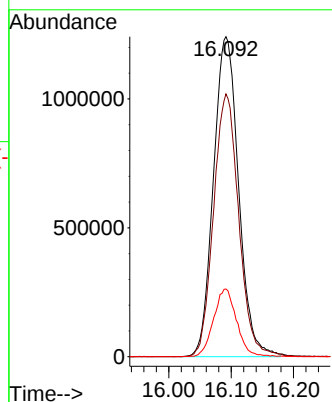
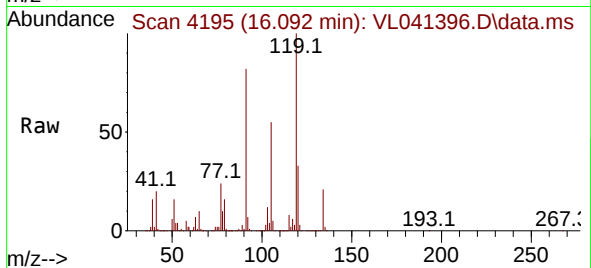
#65
tert-Butylbenzene
Concen: 9.334 ppbv
RT: 16.092 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3474558
Ion Ratio Lower Upper
119 100
91 82.2 65.8 98.6
134 19.5 15.7 23.5

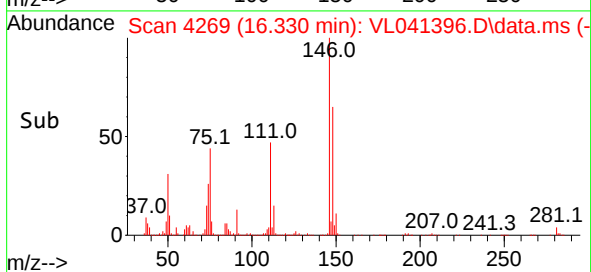
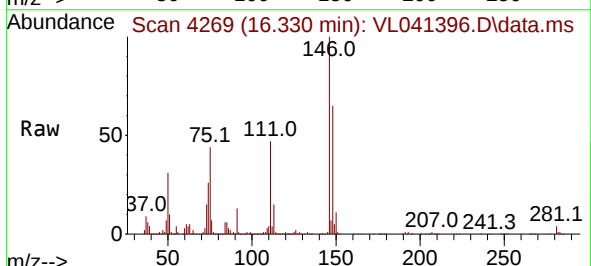
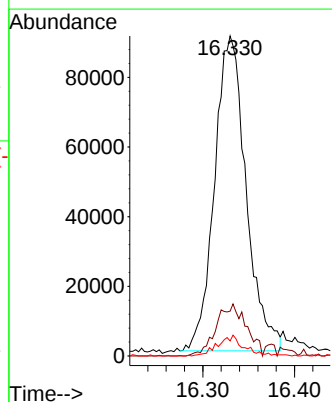
Manual Integrations
APPROVED

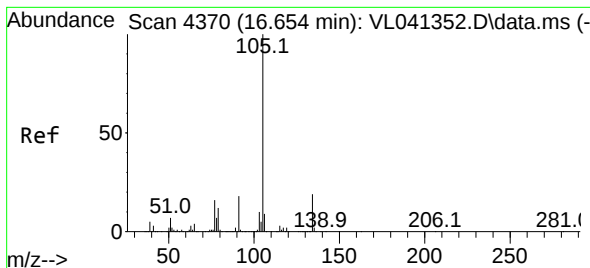
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#66
Benzyl Chloride
Concen: 8.842 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.013 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

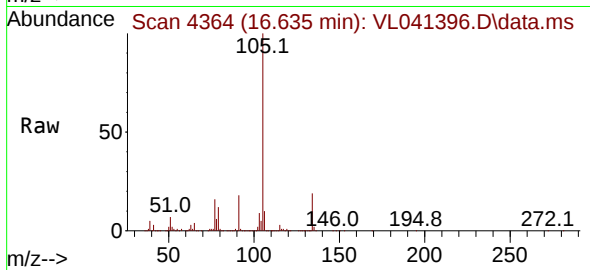
Tgt Ion: 91 Resp: 216287
Ion Ratio Lower Upper
91 100
126 16.8 15.4 23.0
128 5.6 5.0 7.4





#67
 sec-Butylbenzene
 Concen: 9.421 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL041396.D
 Acq: 23 Jul 2024 9:37

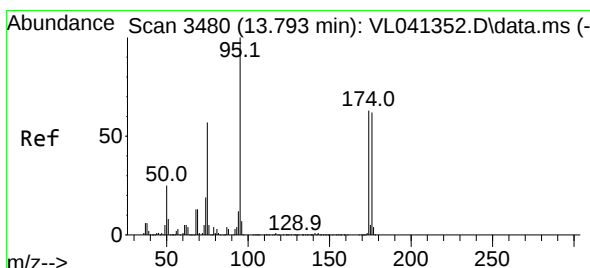
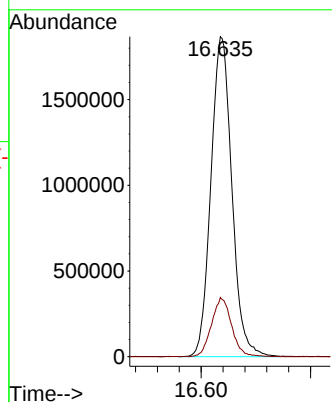
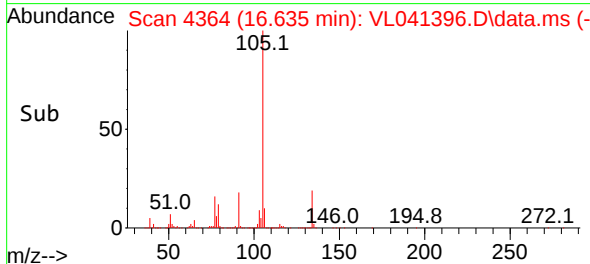
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 4960068
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.2

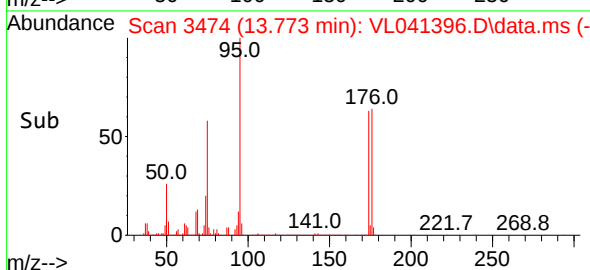
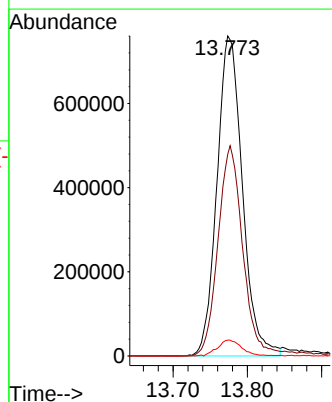
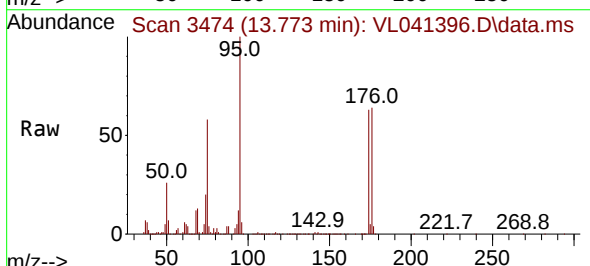
Manual Integrations
 APPROVED

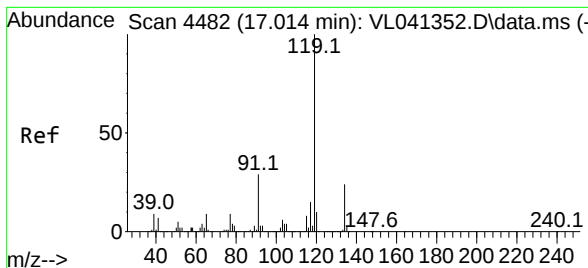
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.766 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. -0.019 min
 Lab File: VL041396.D
 Acq: 23 Jul 2024 9:37

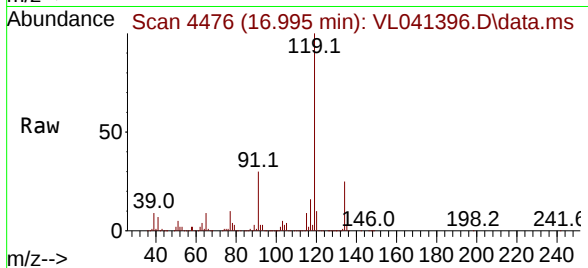
Tgt Ion: 95 Resp: 1813937
 Ion Ratio Lower Upper
 95 100
 174 65.4 53.1 79.7
 175 4.9 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.529 ppbv
RT: 16.995 min Scan# 4482
Delta R.T. -0.019 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

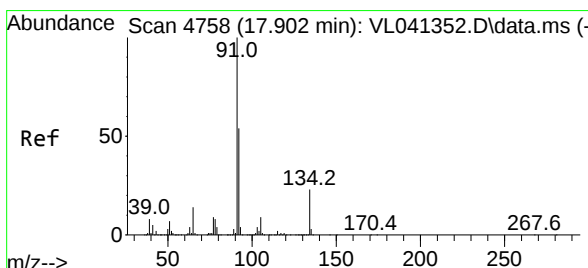
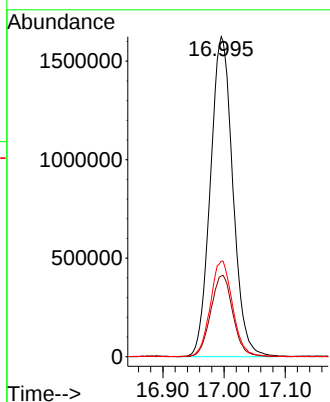
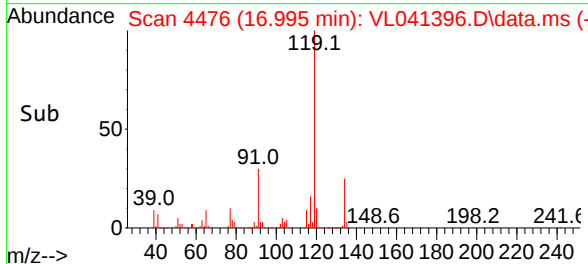
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



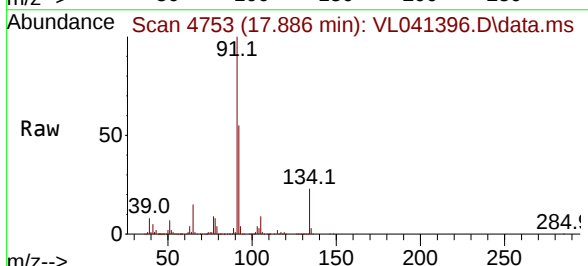
Tgt Ion:119 Resp: 4143360
Ion Ratio Lower Upper
119 100
134 25.2 20.0 30.0
91 29.6 23.7 35.5

Manual Integrations
APPROVED

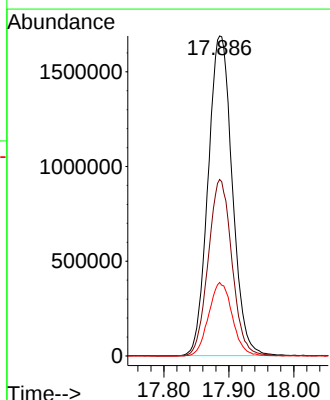
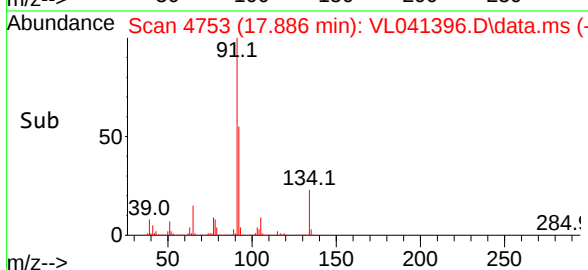
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

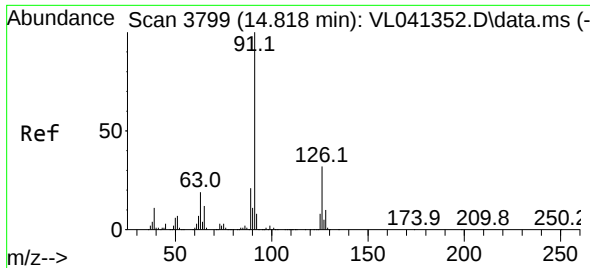


#70
n-Butylbenzene
Concen: 9.819 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



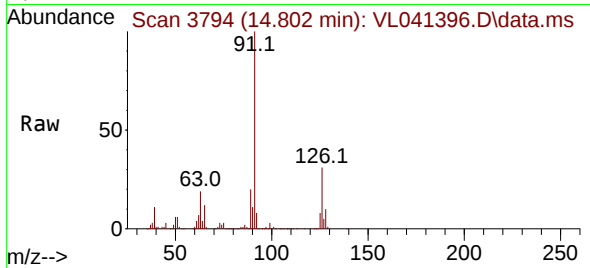
Tgt Ion: 91 Resp: 4364211
Ion Ratio Lower Upper
91 100
92 54.3 43.0 64.6
134 22.5 18.0 27.0





#71
2-Chlorotoluene
Concen: 9.474 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

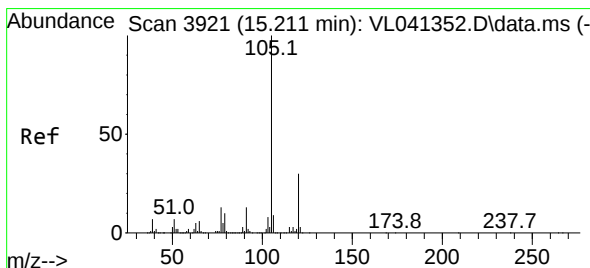
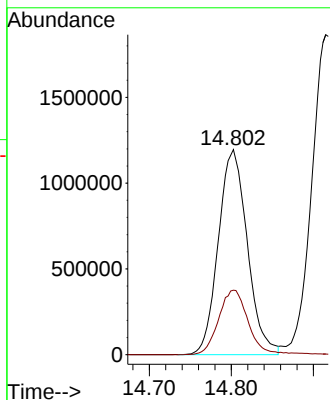
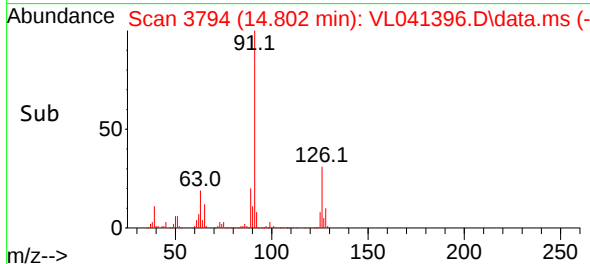
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



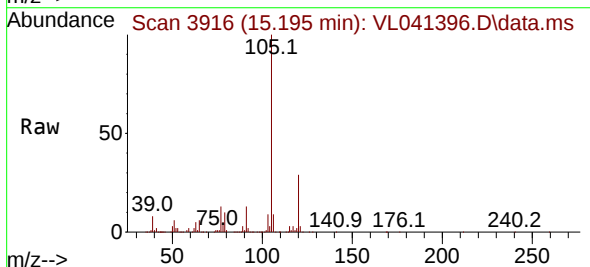
Tgt Ion: 91 Resp: 2942500
Ion Ratio Lower Upper
91 100
126 32.6 12.9 51.7

Manual Integrations
APPROVED

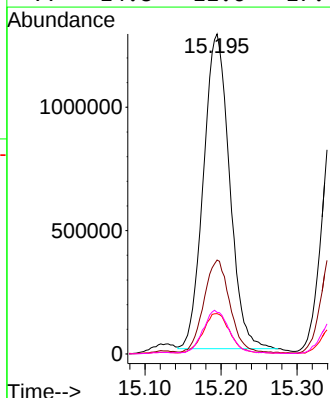
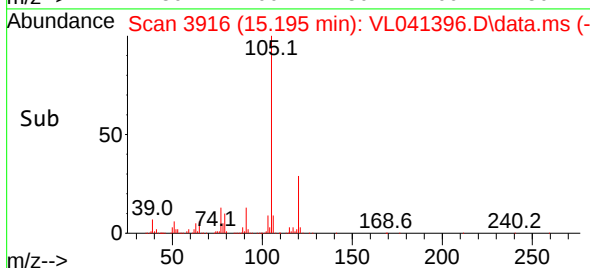
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

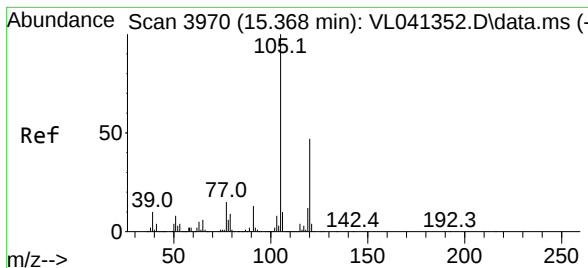


#72
4-Ethyltoluene
Concen: 9.443 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



Tgt Ion:105 Resp: 3045836
Ion Ratio Lower Upper
105 100
120 30.6 24.2 36.4
91 13.1 10.2 15.2
77 14.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.802 ppbv

RT: 15.349 min Scan# 3970

Delta R.T. -0.019 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 270628

Ion Ratio Lower Upper

105 100

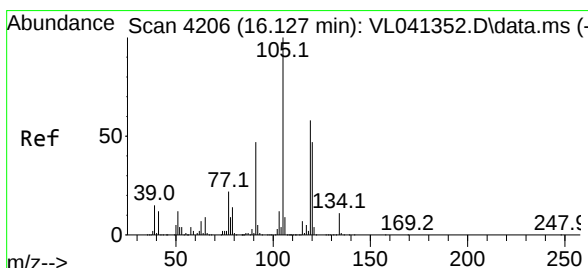
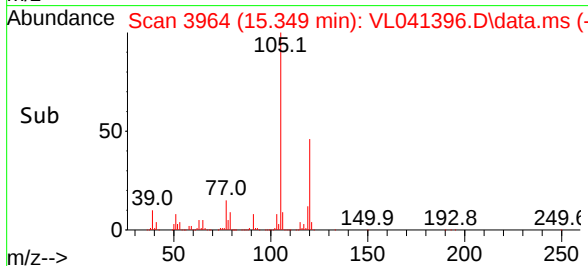
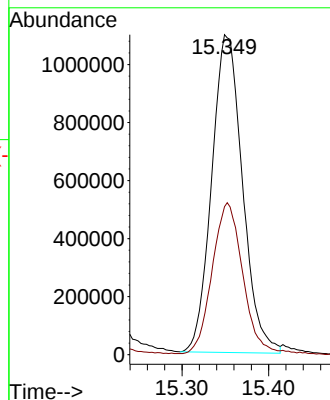
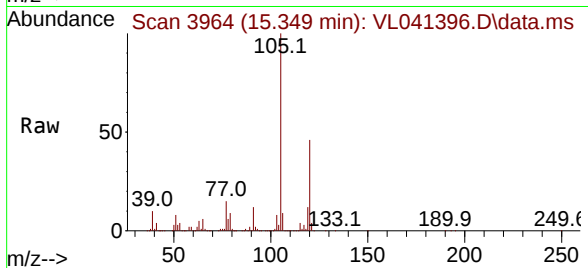
120 46.3 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.735 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. -0.016 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Tgt Ion:105 Resp: 3028670

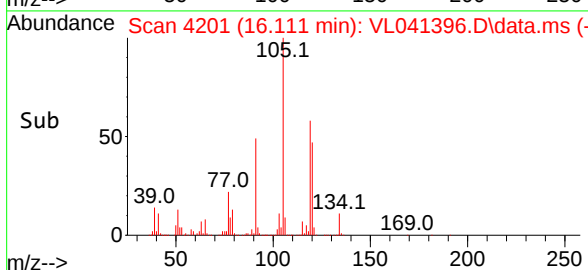
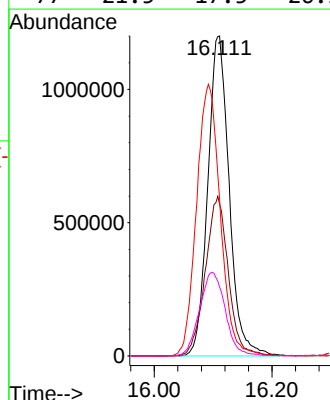
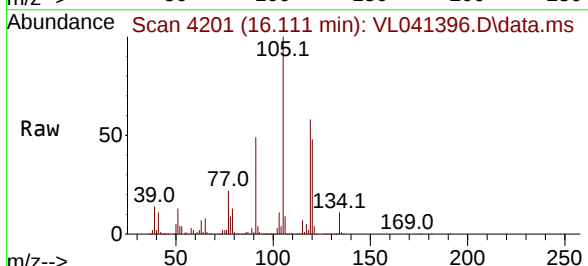
Ion Ratio Lower Upper

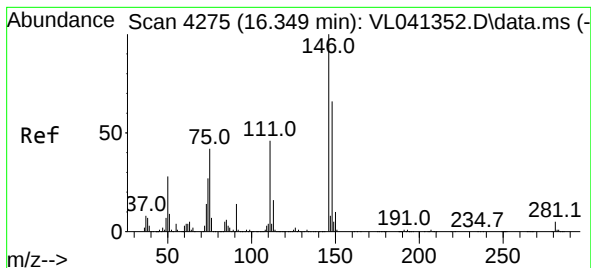
105 100

120 47.4 37.8 56.8

91 49.1 38.0 57.0

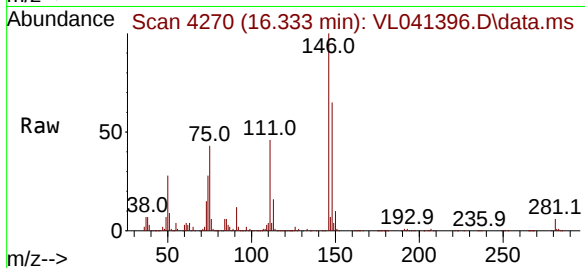
77 21.5 17.5 26.3





#75
1,3-Dichlorobenzene
Concen: 9.801 ppbv
RT: 16.333 min Scan# 4314
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37

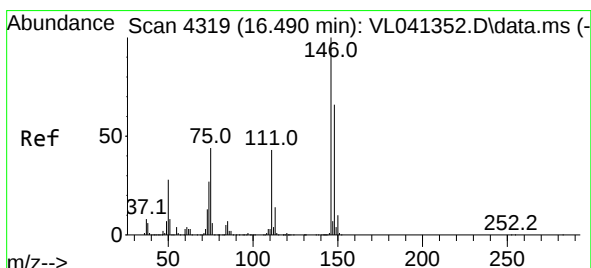
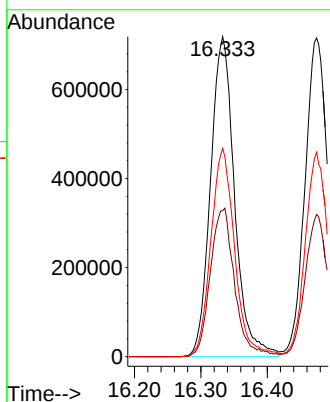
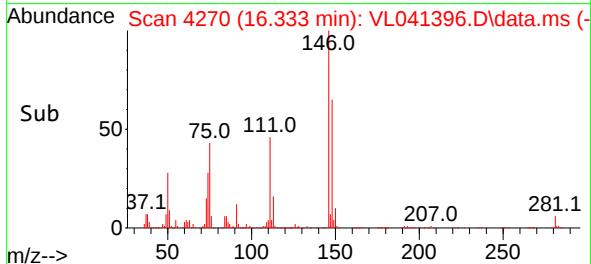
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



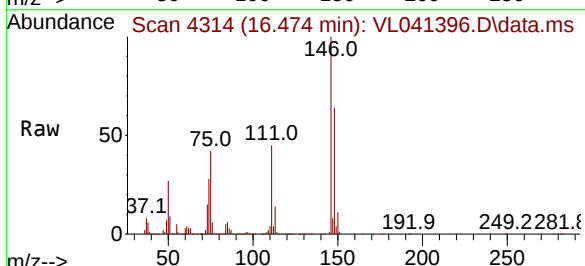
Tgt Ion:146 Resp: 1808722
Ion Ratio Lower Upper
146 100
111 46.8 23.5 70.5
148 64.4 32.3 96.9

Manual Integrations
APPROVED

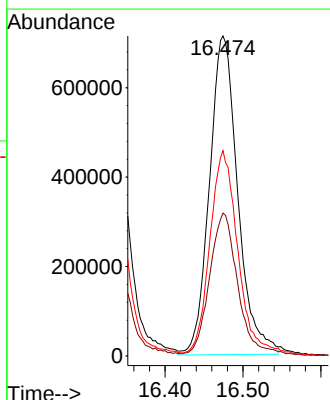
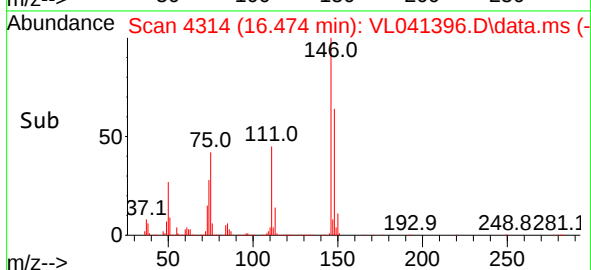
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

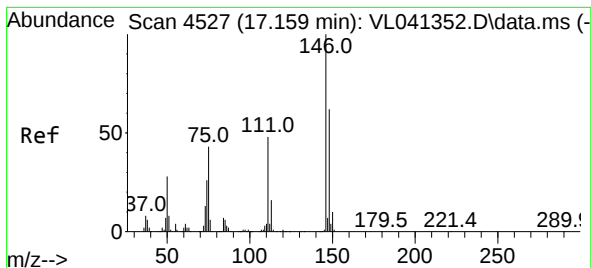


#76
1,4-Dichlorobenzene
Concen: 9.791 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.016 min
Lab File: VL041396.D
Acq: 23 Jul 2024 9:37



Tgt Ion:146 Resp: 1800328
Ion Ratio Lower Upper
146 100
111 45.4 22.9 68.8
148 64.6 32.8 98.3





#77

1,2-Dichlorobenzene

Concen: 9.451 ppbv

RT: 17.143 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 177817

Ion Ratio Lower Upper

146 100

111 48.1 24.1 72.2

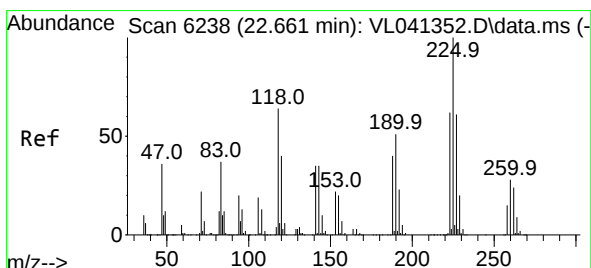
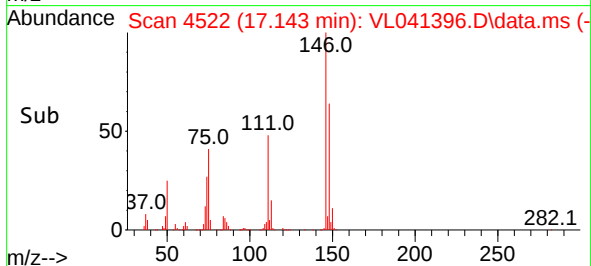
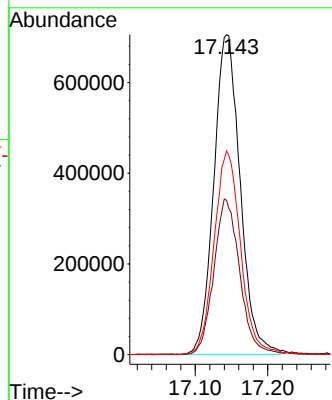
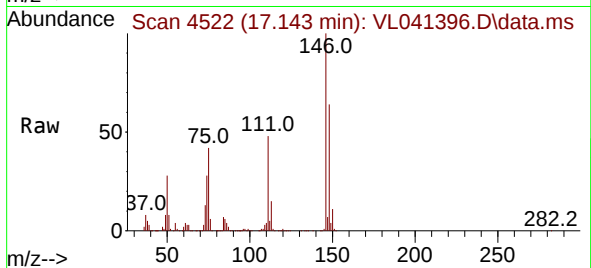
148 64.1 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.836 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. -0.026 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

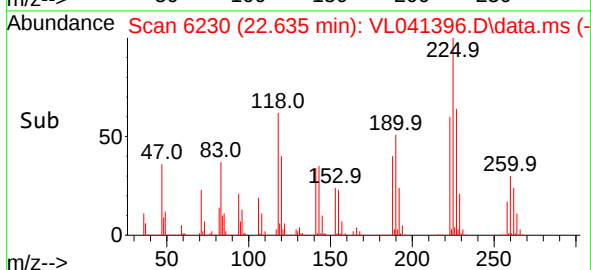
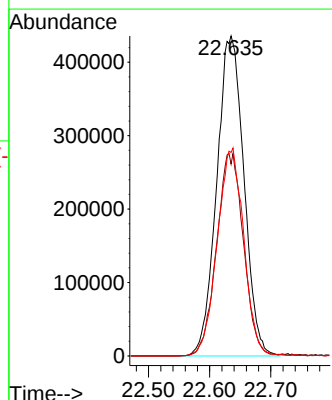
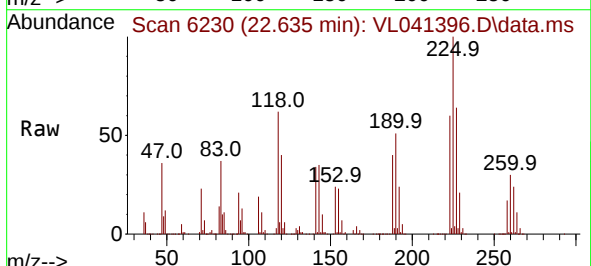
Tgt Ion:225 Resp: 1346042

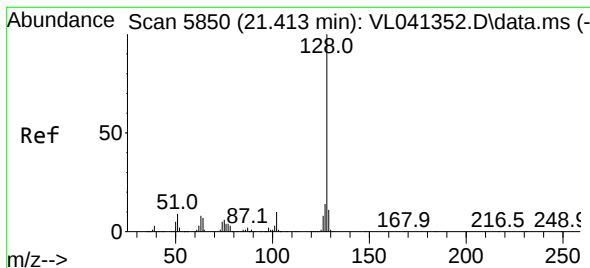
Ion Ratio Lower Upper

225 100

223 63.0 51.3 76.9

227 63.5 51.8 77.8





#79

Naphthalene

Concen: 19.121 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. -0.029 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 3199314

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

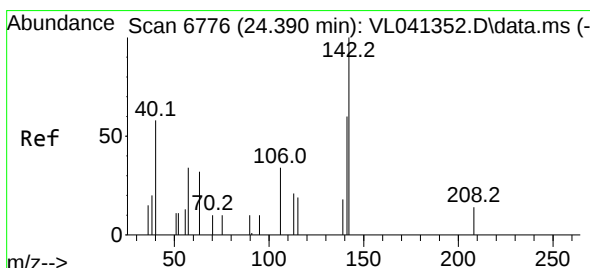
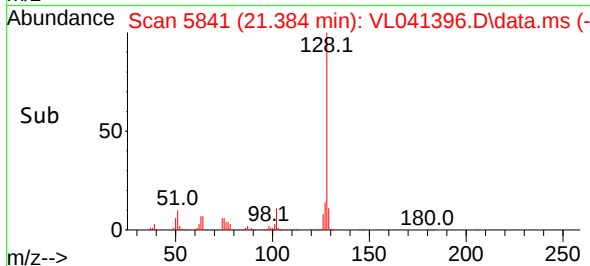
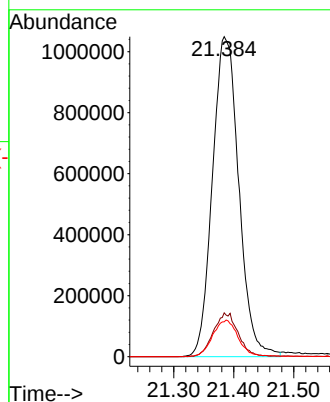
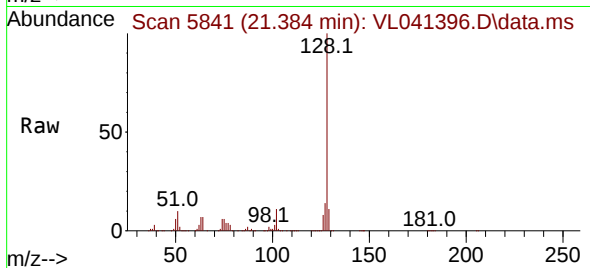
129 10.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#80

Naphthalene,2-methyl-

Concen: 919.657 ppbv

RT: 24.381 min Scan# 6773

Delta R.T. -0.010 min

Lab File: VL041396.D

Acq: 23 Jul 2024 9:37

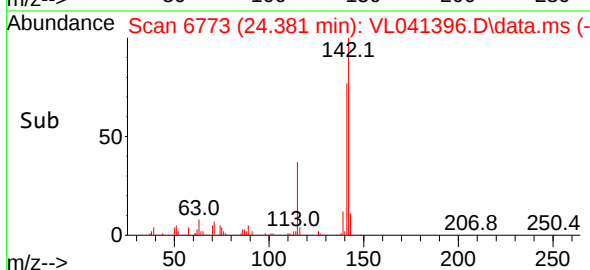
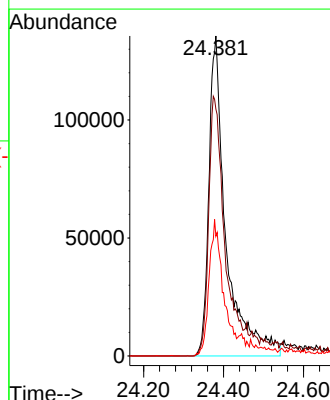
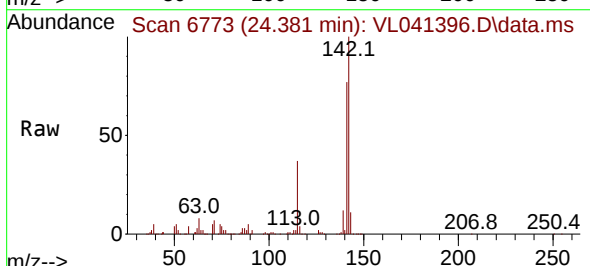
Tgt Ion:142 Resp: 404967

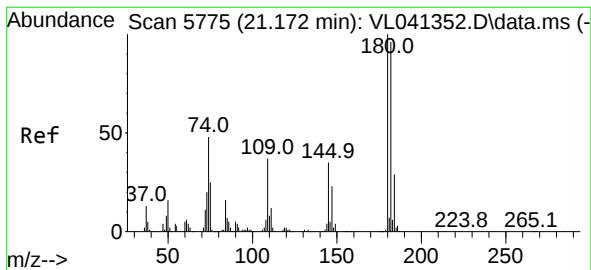
Ion Ratio Lower Upper

142 100

141 85.4 37.9 56.9#

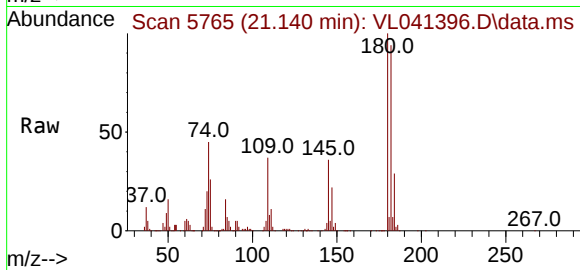
115 43.0 11.0 16.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 15.309 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. -0.032 min
 Lab File: VL041396.D
 Acq: 23 Jul 2024 9:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1583079
 Ion Ratio Lower Upper
 180 100
 182 96.8 78.1 117.1
 184 30.9 25.2 37.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

