

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040796.D
 Acq On : 25 Oct 2023 11:33
 Operator : SY/MD
 Sample : VL1025ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/26/2023
 Supervised By : Mahesh Dadoda 10/26/2023

Quant Time: Oct 26 03:50:57 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	902270	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2553686	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2572511	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.757 95 1934014 10.217 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1560137	9.819	ppbv	99
3) Chlorodifluoromethane	2.694	51	1495981	11.282	ppbv	97
4) Chloromethane	2.829	50	547733	10.461	ppbv	100
5) Vinyl Chloride	2.935	62	558266	10.319	ppbv	100
6) Bromomethane	3.134	94	256379	11.455	ppbv	100
7) Chloroethane	3.211	64	194392	11.037	ppbv	97
8) Dichlorotetrafluoroethane	2.874	85	1381786	11.472	ppbv	99
9) Propene	2.713	41	519306	10.544	ppbv	99
10) Heptane	7.568	43	1319004	10.661	ppbv	99
11) Trichlorofluoromethane	3.571	101	1443382	11.770	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	993770	11.362	ppbv	99
13) Ethanol	3.253	45	105657	9.503	ppbv	99
14) Bromoethene	3.375	108	410992	10.972	ppbv	96
15) Acetone	3.478	43	1001905	10.741	ppbv	98
16) 1,3-Butadiene	2.999	39	544557	11.128	ppbv	99
17) tert-Butyl alcohol	3.883	59	966809	10.108	ppbv	100
18) 1,1-Dichloroethene	3.886	96	443390	11.311	ppbv	99
19) Isopropyl Alcohol	3.584	45	680004	11.325	ppbv #	40
20) Methylene Chloride	3.938	84	364780	9.389	ppbv	98
21) Allyl Chloride	4.002	41	665276	10.815	ppbv	93
22) trans-1,2-Dichloroethene	4.446	96	483778	11.595	ppbv	95
23) Vinyl Acetate	4.626	43	1219202	10.256	ppbv	98
24) 1,1-Dichloroethane	4.565	63	964963	10.763	ppbv	100
25) Ethyl Acetate	5.201	43	2109379	10.321	ppbv	99
26) Hexane	5.208	57	926584	9.920	ppbv	99
27) Carbon Disulfide	4.128	76	1149837	11.157	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	704002	9.692	ppbv	100
29) Chloroform	5.272	83	1542369	11.412	ppbv	98
30) Cyclohexane	6.594	84	838582	10.550	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	816640	9.487	ppbv	94
32) 1,1,1-Trichloroethane	5.999	97	1575874	10.955	ppbv	98
34) 2-Butanone	4.787	43	1060989	9.179	ppbv	97
35) Carbon Tetrachloride	6.488	117	1699398	11.856	ppbv	97
36) Benzene	6.365	78	2094844	10.665	ppbv	98
37) 1,2-Dichloroethane	5.803	62	1201554	11.944	ppbv	98
38) Trichloroethene	7.282	130	830577	9.555	ppbv	98
39) 1,2-Dichloropropane	7.063	63	812233	10.584	ppbv	94
40) 1,4-Dioxane	7.275	88	326158	11.231	ppbv #	98
41) Tetrahydrofuran	5.552	42	859957	10.743	ppbv	99
42) Bromodichloromethane	7.240	83	1786677	11.856	ppbv	97
43) Methyl Methacrylate	7.465	69	868027	11.040	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	3428490	10.322	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	742802	11.847	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040796.D
 Acq On : 25 Oct 2023 11:33
 Operator : SY/MD
 Sample : VL1025ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

Quant Time: Oct 26 03:50:57 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

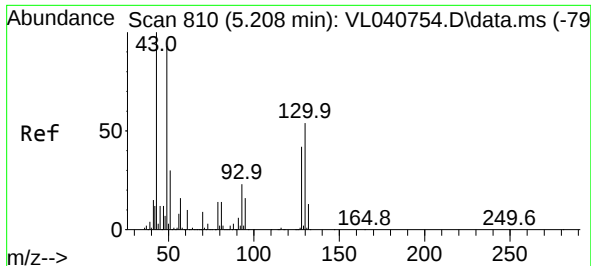
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

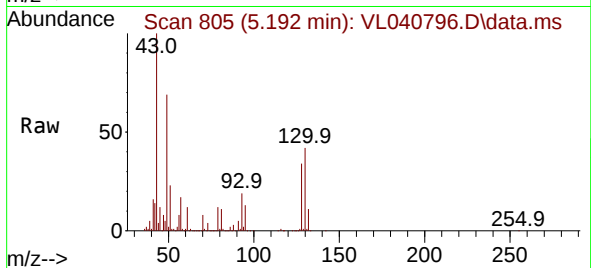
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	873266	11.400	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	880538	10.924	ppbv	96
48) Dibromochloromethane	9.693	129	1558819	11.539	ppbv	98
49) Bromoform	12.391	173	1260194	11.476	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2180775	11.029	ppbv	98
51) 2-Hexanone	9.536	43	1632301	10.846	ppbv #	99
52) Tetrachloroethene	10.600	164	755255	9.466	ppbv	96
53) Toluene	9.204	91	2439839	10.437	ppbv	98
54) 1,2-Dibromoethane	9.995	107	1322623	11.704	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.491	131	1109013	10.563	ppbv #	93
57) Chlorobenzene	11.510	112	1884257	10.223	ppbv	99
58) Ethyl Benzene	12.073	91	3299278	10.186	ppbv	98
59) m/p-Xylene	12.355	91	5554284m	20.835	ppbv	
60) o-Xylene	13.044	91	2605652	10.258	ppbv	99
61) Styrene	12.883	104	1457580	10.357	ppbv	98
62) Isopropylbenzene	14.015	105	3918540	10.028	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.028	83	1865419	9.796	ppbv	100
64) n-propylbenzene	14.899	120	1045573	9.960	ppbv	88
65) tert-Butylbenzene	16.072	119	3441673	9.765	ppbv	96
66) Benzyl Chloride	16.307	91	316778	8.921	ppbv	96
67) sec-Butylbenzene	16.616	105	4876243	10.105	ppbv	98
69) p-Isopropyltoluene	16.979	119	4035742	9.981	ppbv	99
70) n-Butylbenzene	17.870	91	4191821	10.558	ppbv	98
71) 2-Chlorotoluene	14.780	91	3060507	10.427	ppbv	97
72) 4-Ethyltoluene	15.175	105	3136819	10.546	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	2704148	10.326	ppbv	98
74) 1,2,4-Trimethylbenzene	16.088	105	2940227	10.276	ppbv	94
75) 1,3-Dichlorobenzene	16.314	146	1770642	9.950	ppbv	98
76) 1,4-Dichlorobenzene	16.455	146	1732761	9.832	ppbv	98
77) 1,2-Dichlorobenzene	17.127	146	1698565	9.728	ppbv	97
78) Hexachloro-1,3-Butadiene	22.612	225	1083893	8.676	ppbv	100
79) Naphthalene	21.362	128	2682184	11.532	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	785917	12.041	ppbv	97
81) 1,2,4-Trichlorobenzene	21.117	180	1324519	10.489	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

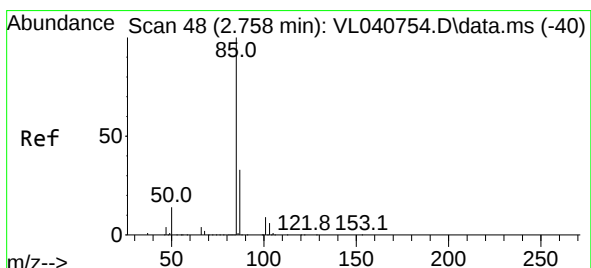
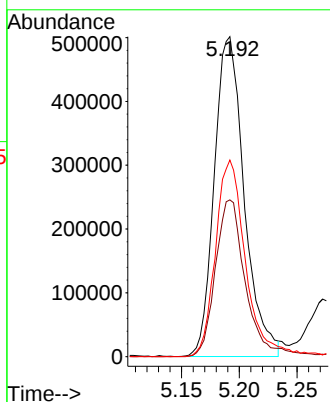
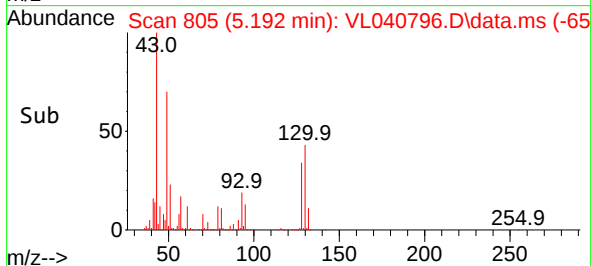
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion: 49 Resp: 902270
Ion Ratio Lower Upper
49 100
128 50.3 23.9 71.7
130 63.1 30.7 92.1

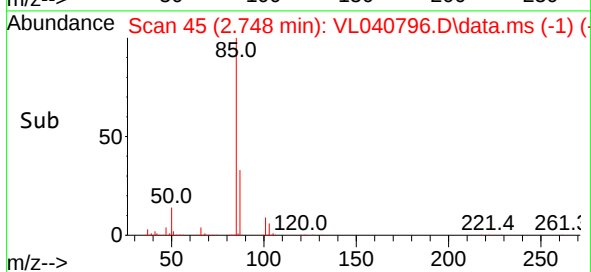
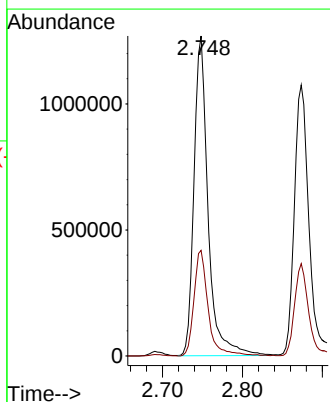
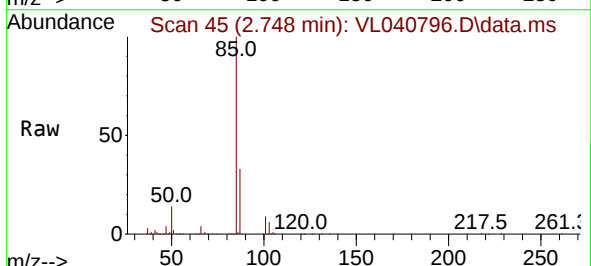
Manual Integrations
APPROVED

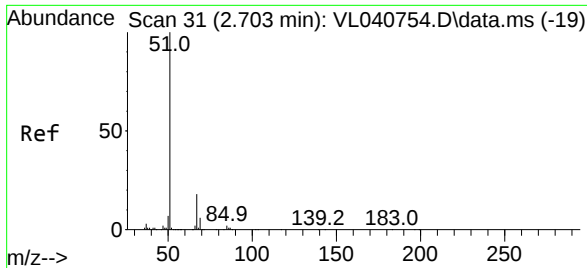
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#2
Dichlorodifluoromethane
Concen: 9.819 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.010 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Tgt Ion: 85 Resp: 1560137
Ion Ratio Lower Upper
85 100
87 33.0 26.0 39.0





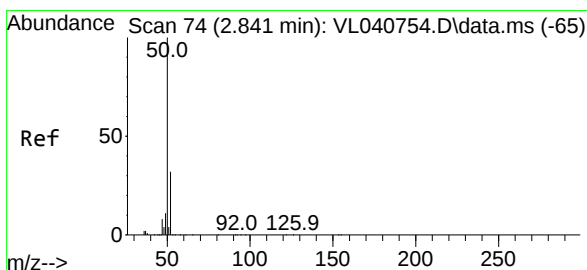
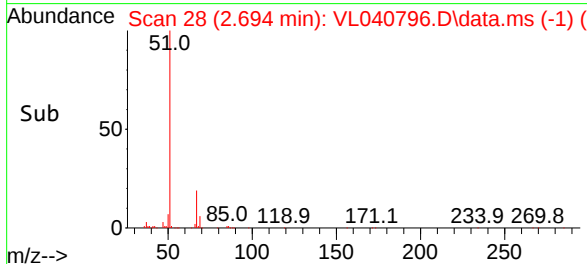
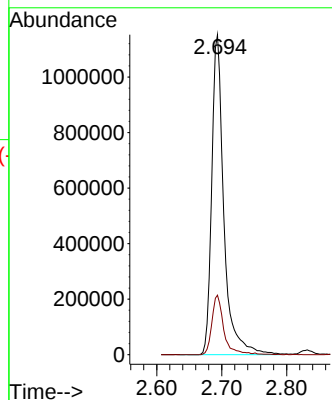
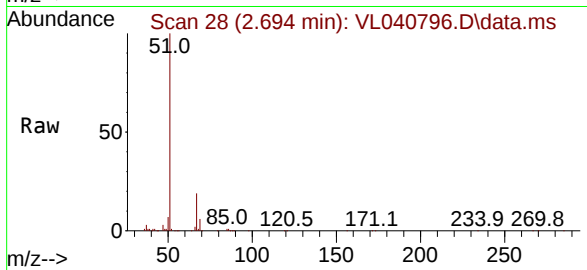
#3
Chlorodifluoromethane
Concen: 11.282 ppbv
RT: 2.694 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 51 Resp: 149598
Ion Ratio Lower Upper
51 100
67 18.5 13.8 20.6

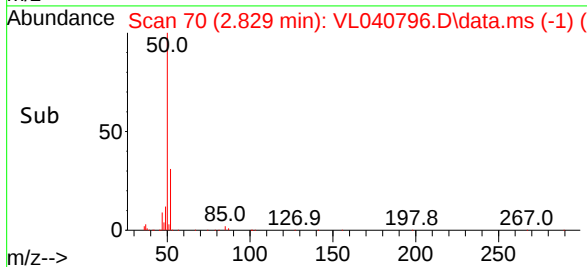
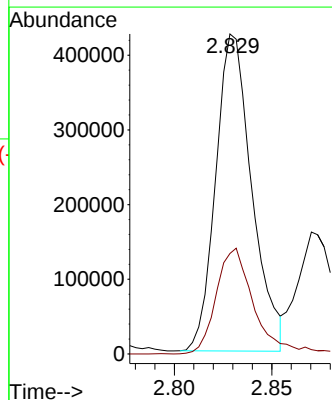
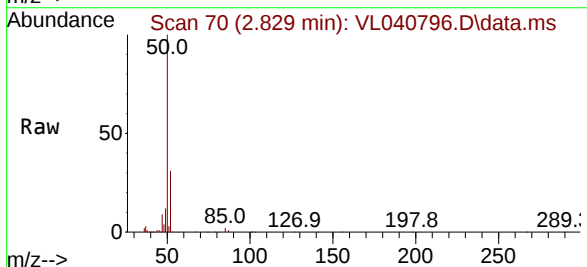
Manual Integrations
APPROVED

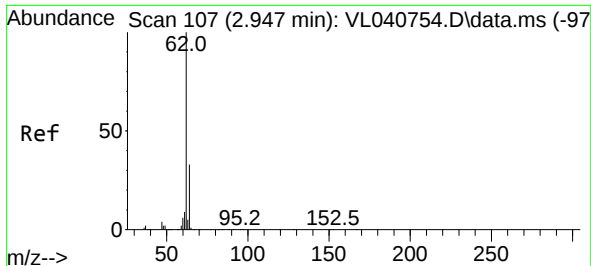
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#4
Chloromethane
Concen: 10.461 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.013 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

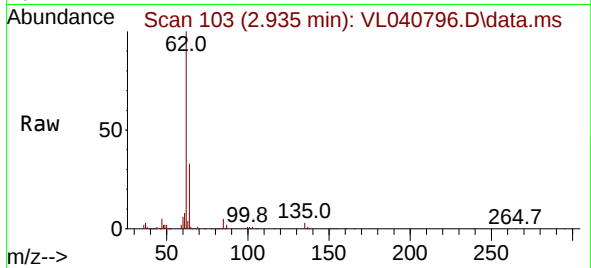
Tgt Ion: 50 Resp: 547733
Ion Ratio Lower Upper
50 100
52 31.8 25.3 37.9





#5
 Vinyl Chloride
 Concen: 10.319 ppbv
 RT: 2.935 min Scan# 107
 Delta R.T. -0.013 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33

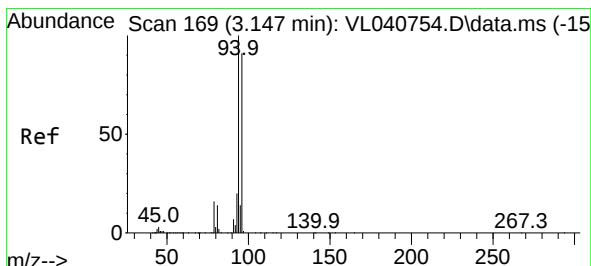
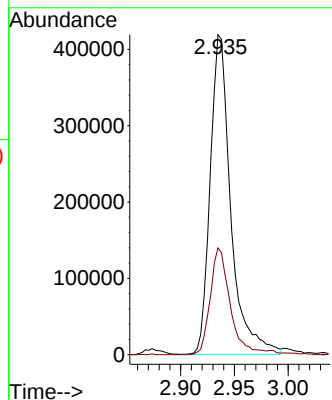
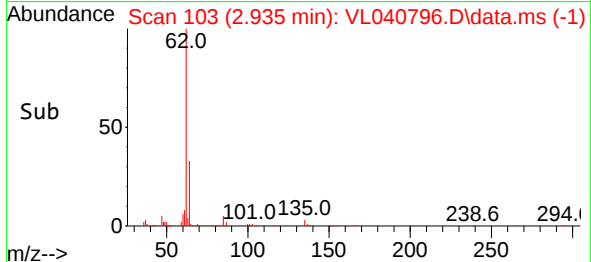
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01



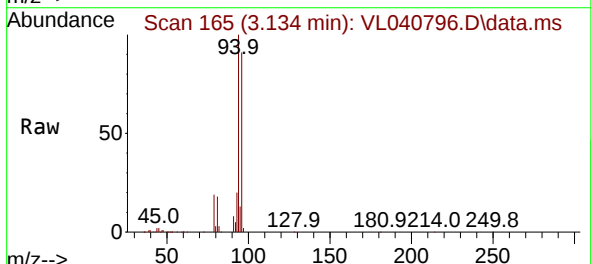
Tgt Ion: 62 Resp: 558260
 Ion Ratio Lower Upper
 62 100
 64 33.4 26.6 39.8

Manual Integrations
 APPROVED

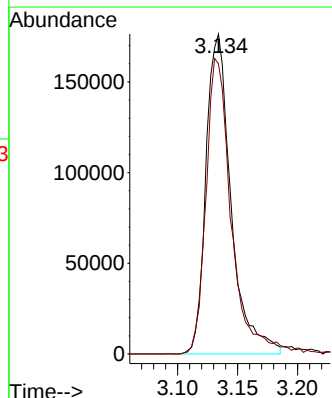
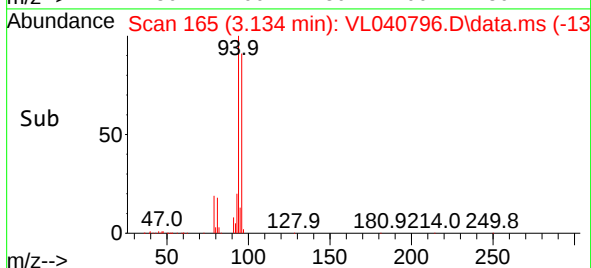
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

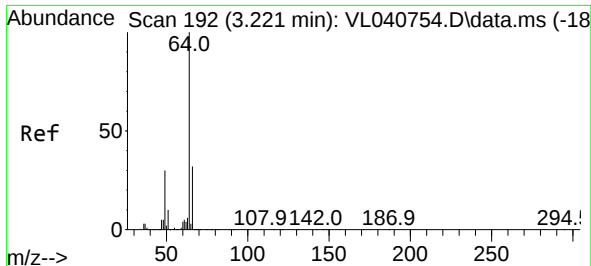


#6
 Bromomethane
 Concen: 11.455 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. -0.013 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33



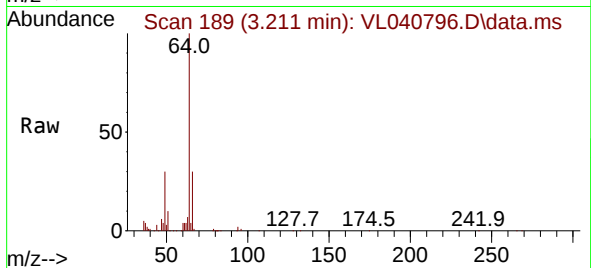
Tgt Ion: 94 Resp: 256379
 Ion Ratio Lower Upper
 94 100
 96 90.7 72.6 109.0





#7
Chloroethane
Concen: 11.037 ppbv
RT: 3.211 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

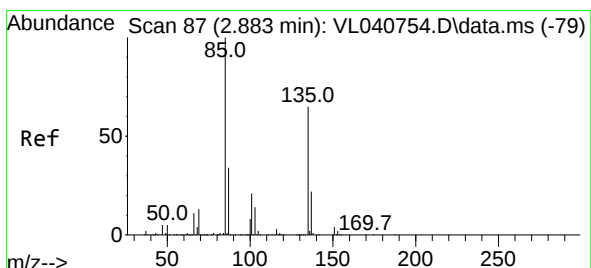
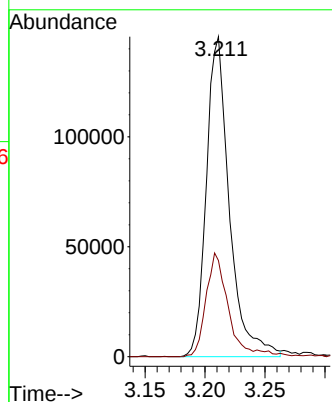
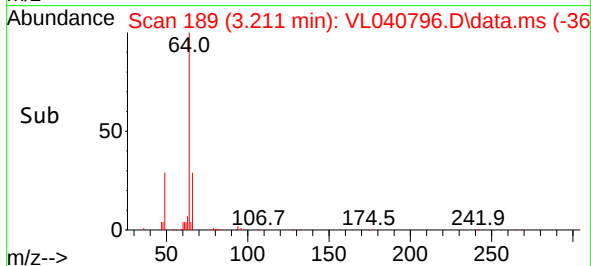
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion: 64 Resp: 194392
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.2

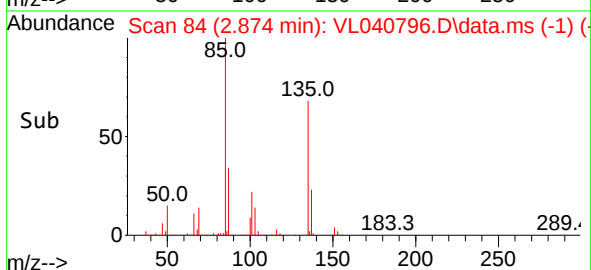
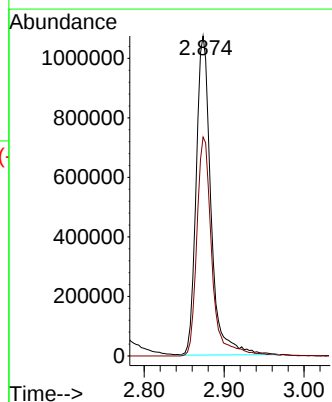
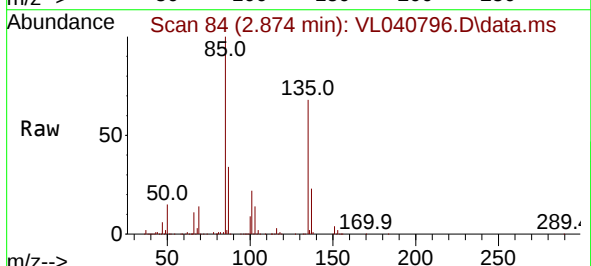
Manual Integrations
APPROVED

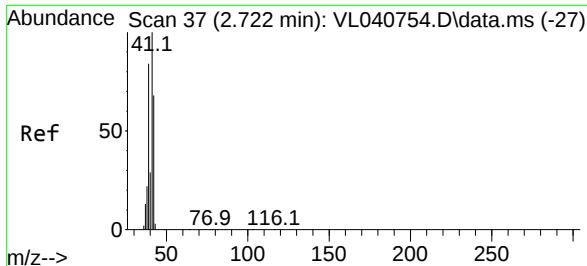
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#8
Dichlorotetrafluoroethane
Concen: 11.472 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.010 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

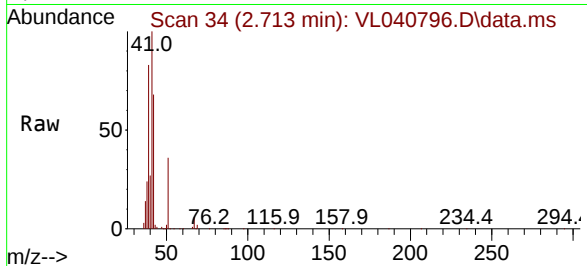
Tgt Ion: 85 Resp: 1381786
Ion Ratio Lower Upper
85 100
135 70.3 55.4 83.2





#9
 Propene
 Concen: 10.544 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.010 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33

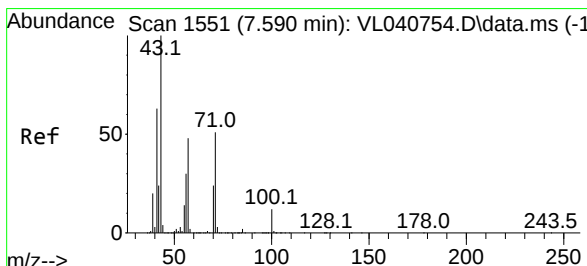
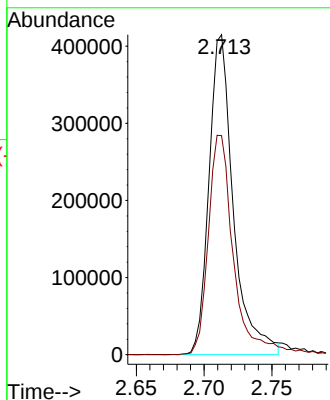
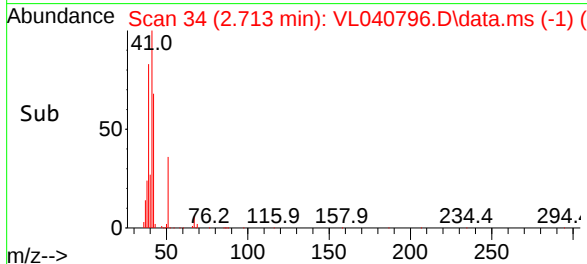
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01



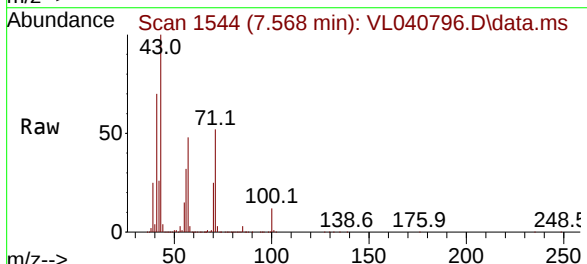
Tgt Ion: 41 Resp: 519300
 Ion Ratio Lower Upper
 41 100
 42 71.9 57.1 85.7

Manual Integrations
 APPROVED

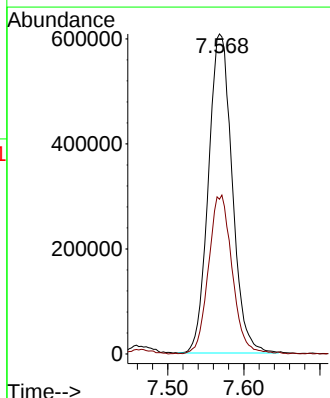
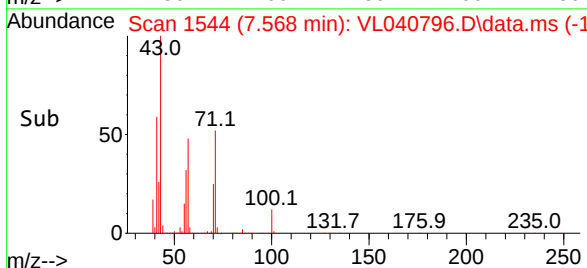
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

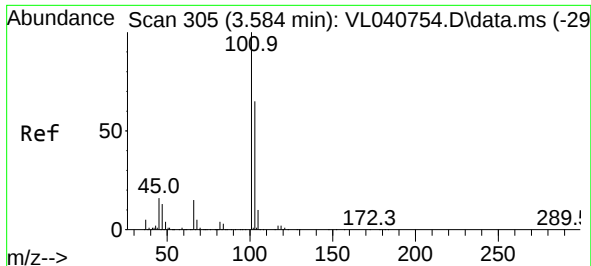


#10
 Heptane
 Concen: 10.661 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.022 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33



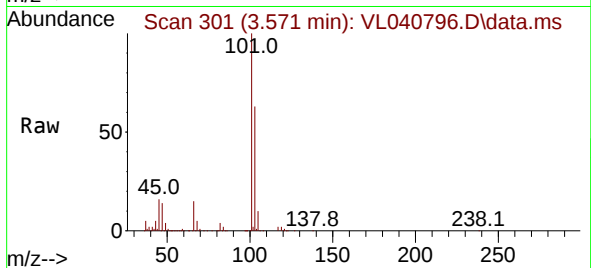
Tgt Ion: 43 Resp: 1319004
 Ion Ratio Lower Upper
 43 100
 57 49.3 40.0 60.0





#11
Trichlorofluoromethane
Concen: 11.770 ppbv
RT: 3.571 min Scan# 305
Delta R.T. -0.013 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

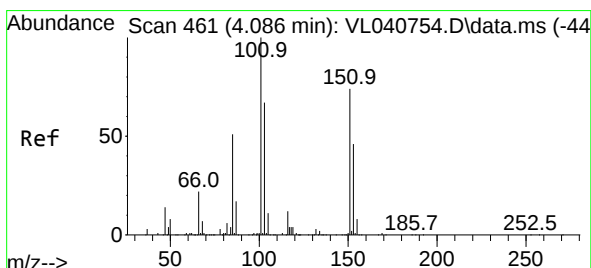
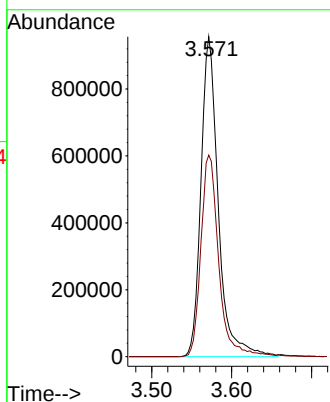
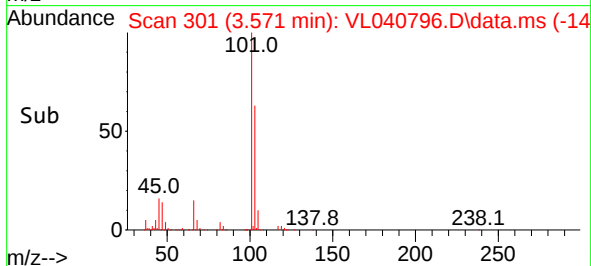
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion:101 Resp: 144338
Ion Ratio Lower Upper
101 100
103 63.0 52.2 78.2

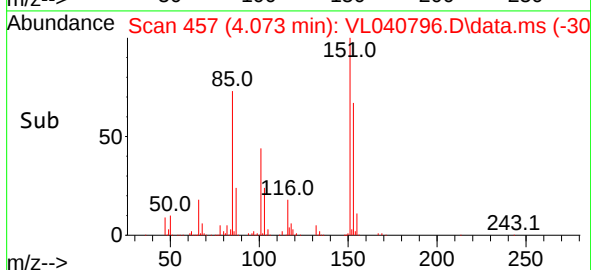
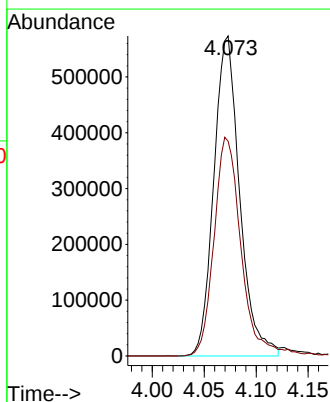
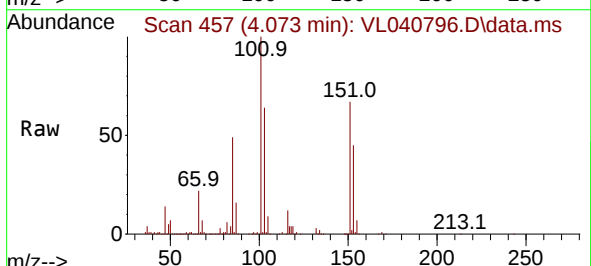
Manual Integrations
APPROVED

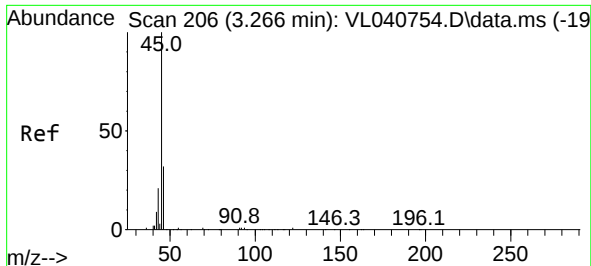
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.362 ppbv
RT: 4.073 min Scan# 457
Delta R.T. -0.013 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

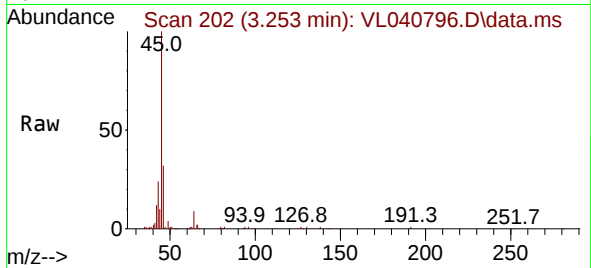
Tgt Ion:101 Resp: 993770
Ion Ratio Lower Upper
101 100
151 72.1 58.1 87.1





#13
Ethanol
Concen: 9.503 ppbv
RT: 3.253 min Scan# 206
Delta R.T. -0.013 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

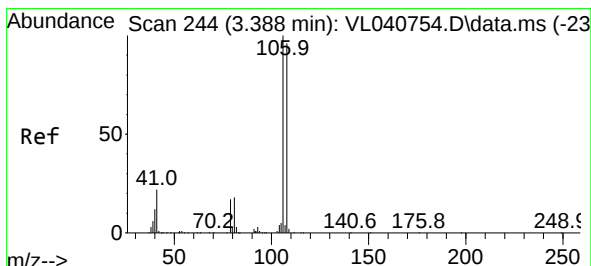
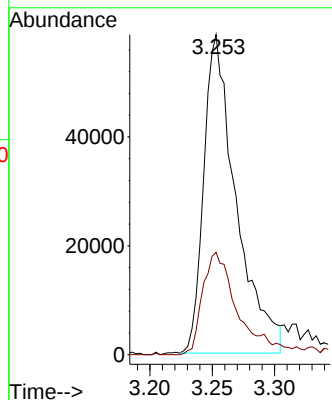
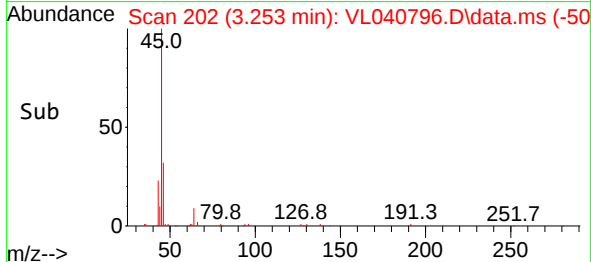
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



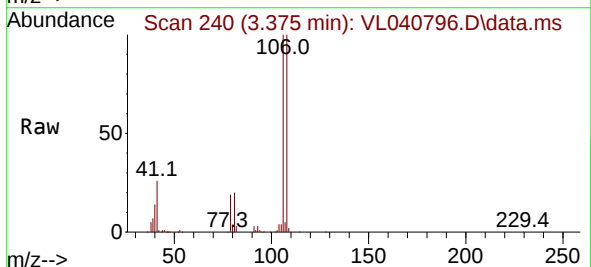
Tgt Ion: 45 Resp: 10565
Ion Ratio Lower Upper
45 100
46 37.1 14.6 58.2

Manual Integrations
APPROVED

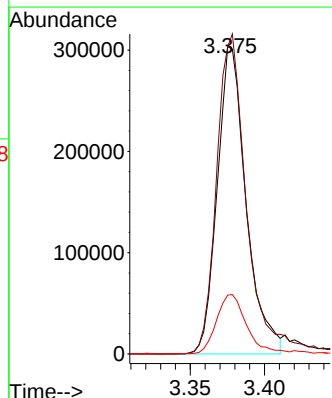
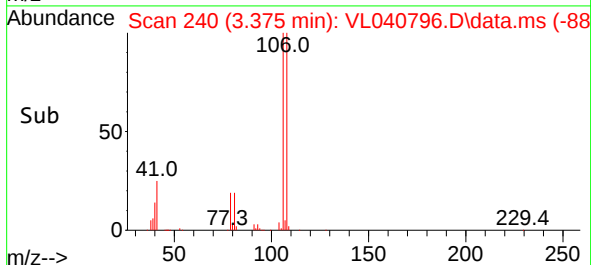
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

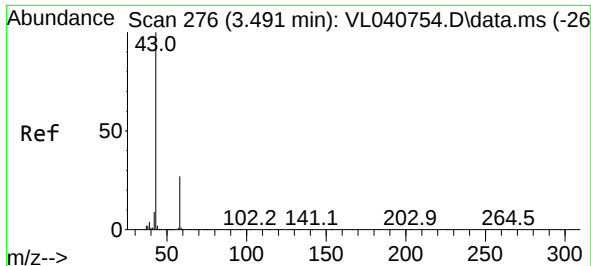


#14
Bromoethene
Concen: 10.972 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.013 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



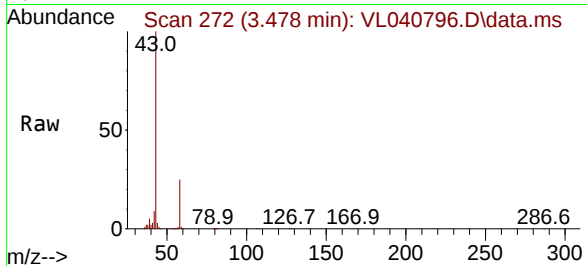
Tgt Ion:108 Resp: 410992
Ion Ratio Lower Upper
108 100
106 110.6 85.2 127.8
79 21.6 15.7 23.5





#15
Acetone
Concen: 10.741 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

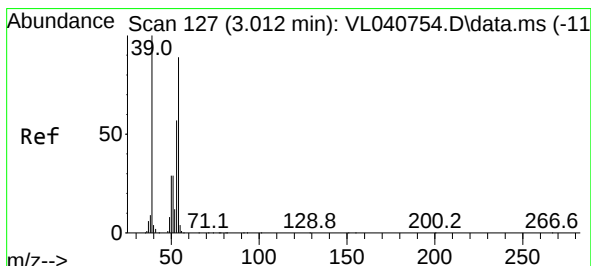
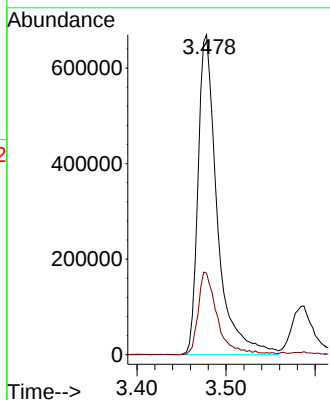
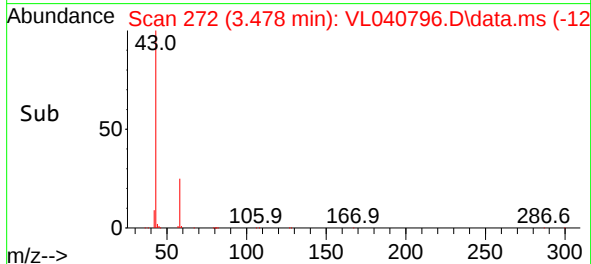
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion: 43 Resp: 100190
Ion Ratio Lower Upper
43 100
58 26.2 21.6 32.4

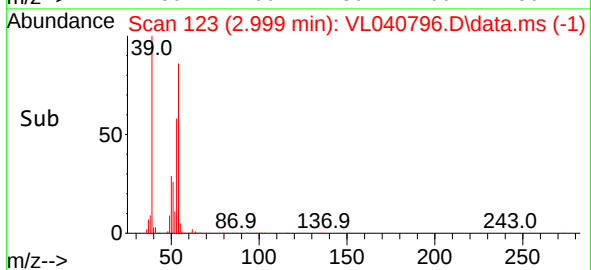
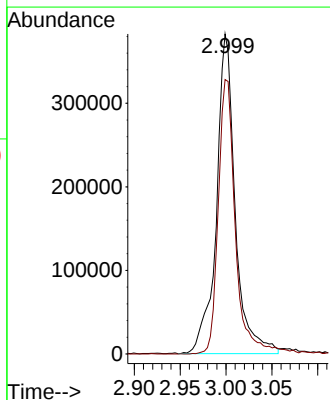
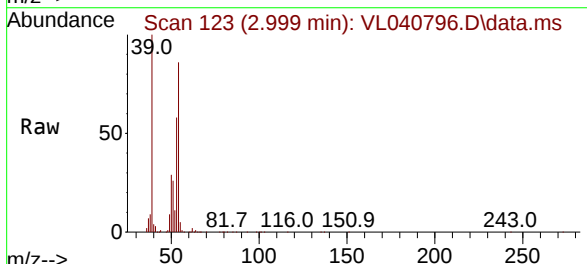
Manual Integrations
APPROVED

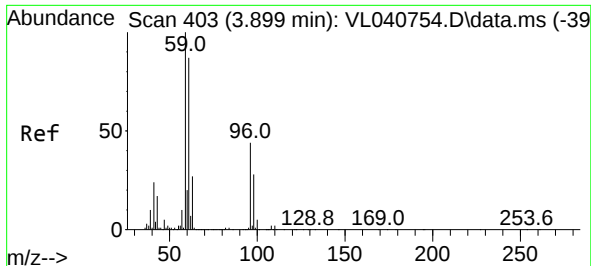
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#16
1,3-Butadiene
Concen: 11.128 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.013 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Tgt Ion: 39 Resp: 544557
Ion Ratio Lower Upper
39 100
54 79.5 63.0 94.6





#17

tert-Butyl alcohol

Concen: 10.108 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.016 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 59 Resp: 966809

Ion Ratio Lower Upper

59 100

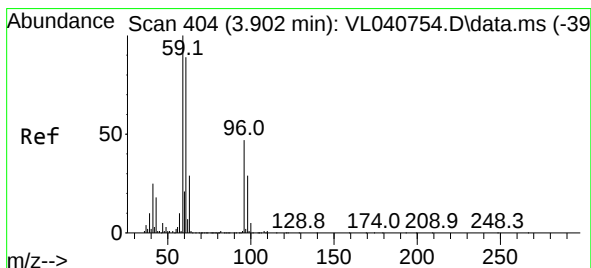
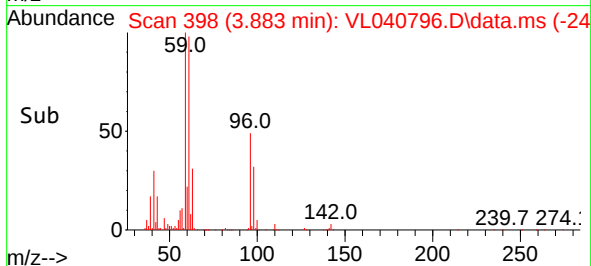
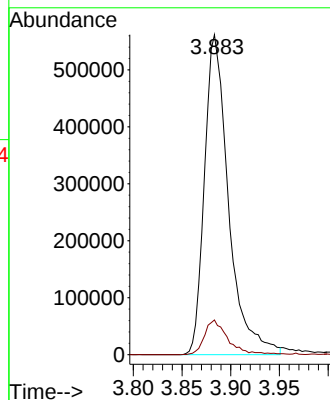
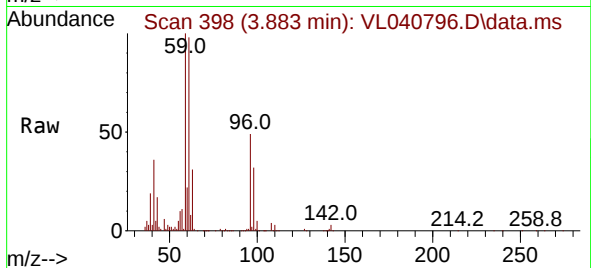
57 10.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#18

1,1-Dichloroethene

Concen: 11.311 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.016 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

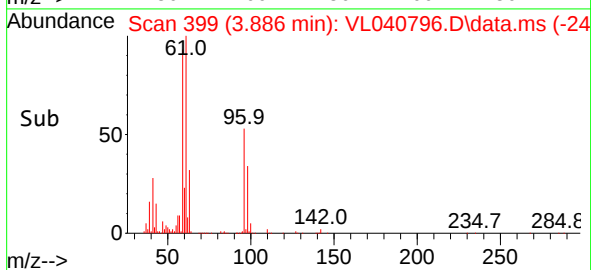
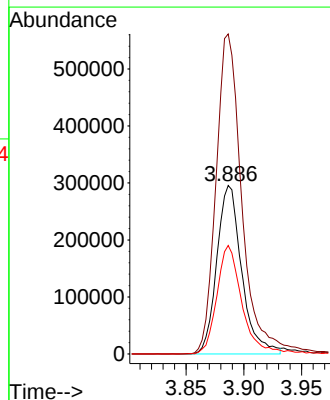
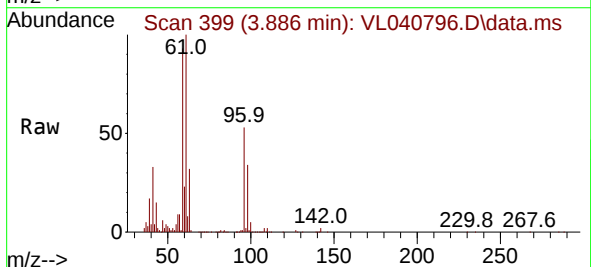
Tgt Ion: 96 Resp: 443390

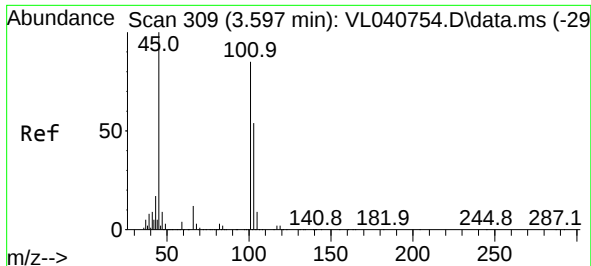
Ion Ratio Lower Upper

96 100

61 189.9 152.5 228.7

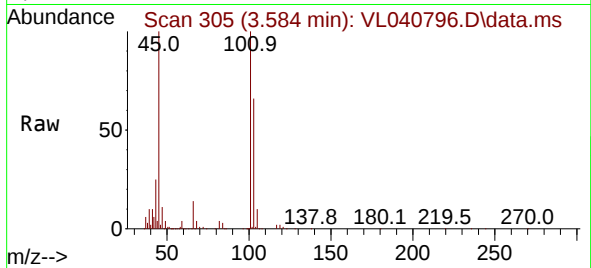
98 64.4 49.6 74.4





#19
Isopropyl Alcohol
Concen: 11.325 ppbv
RT: 3.584 min Scan# 305
Delta R.T. -0.013 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

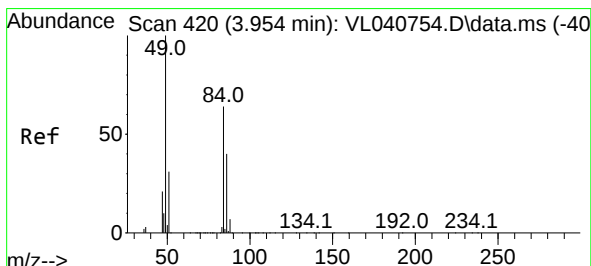
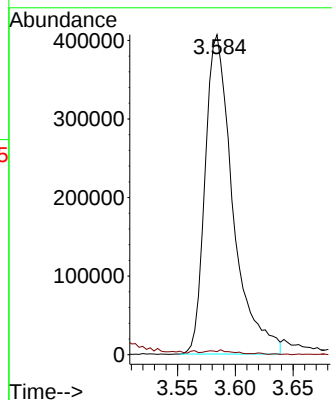
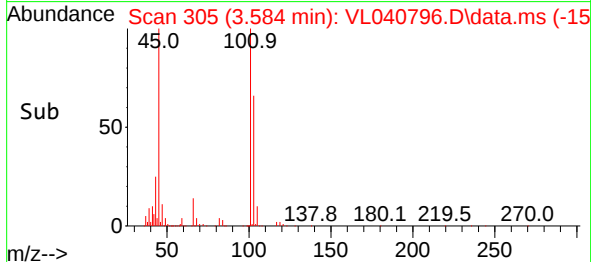
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



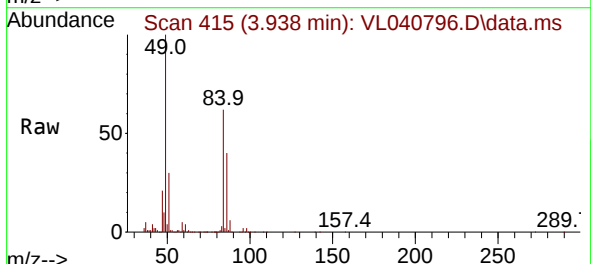
Tgt Ion: 45 Resp: 680004
Ion Ratio Lower Upper
45 100
58 1.7 30.3 45.5

Manual Integrations
APPROVED

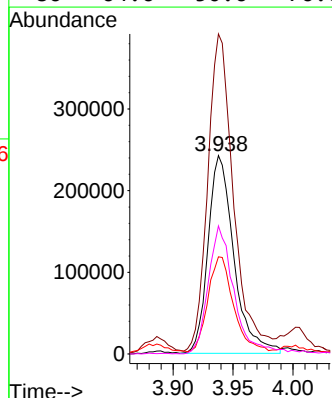
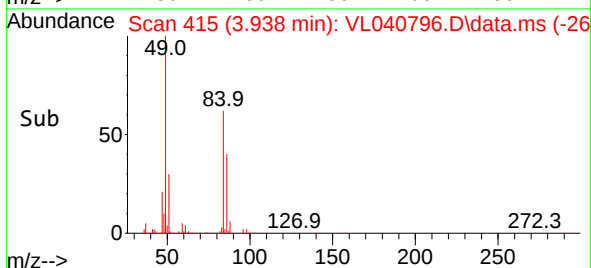
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

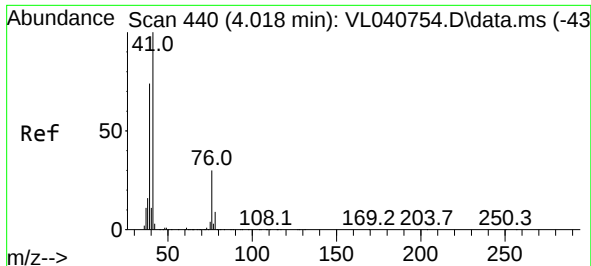


#20
Methylene Chloride
Concen: 9.389 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.016 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



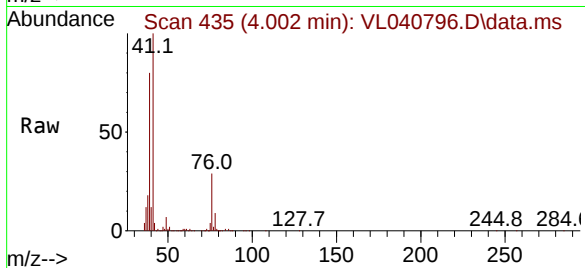
Tgt Ion: 84 Resp: 364780
Ion Ratio Lower Upper
84 100
49 160.0 125.6 188.4
51 47.5 38.9 58.3
86 64.6 50.6 76.0





#21
 Allyl Chloride
 Concen: 10.815 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33

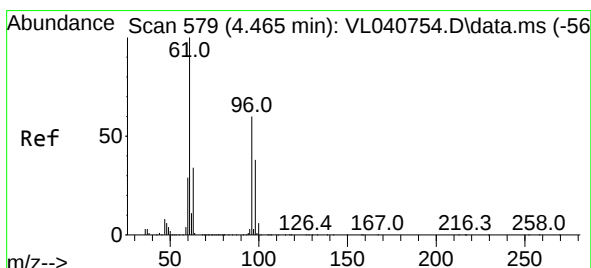
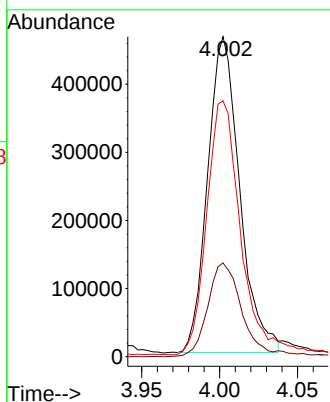
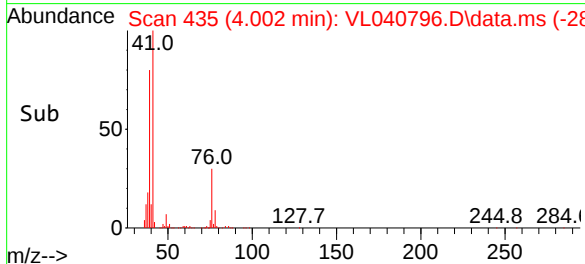
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01



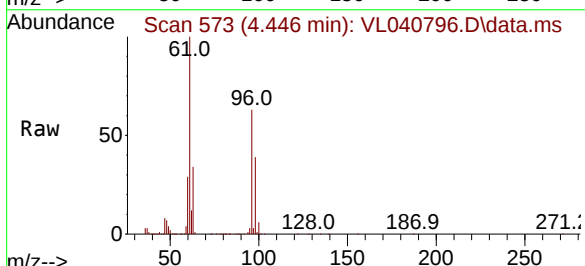
Tgt Ion: 41 Resp: 665270
 Ion Ratio Lower Upper
 41 100
 76 32.2 24.1 36.1
 39 87.3 63.8 95.6

Manual Integrations
 APPROVED

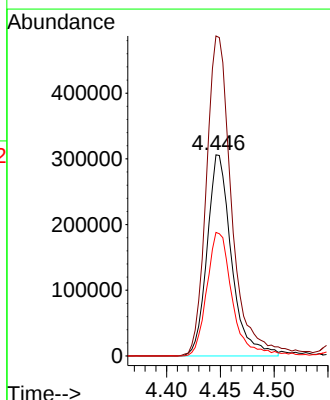
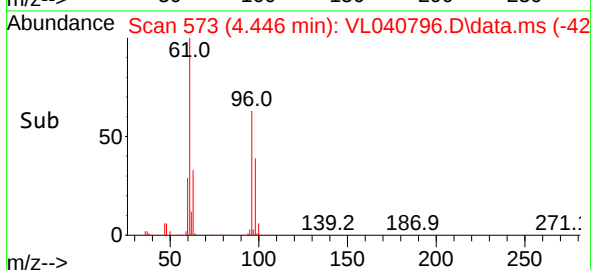
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

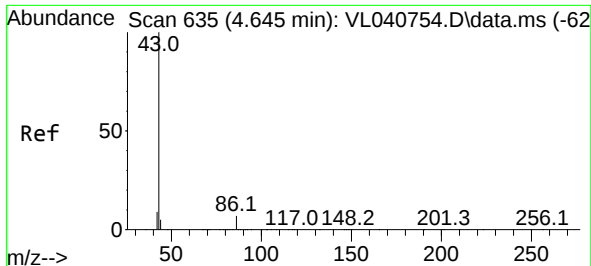


#22
 trans-1,2-Dichloroethene
 Concen: 11.595 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.019 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33



Tgt Ion: 96 Resp: 483778
 Ion Ratio Lower Upper
 96 100
 61 159.2 134.0 201.0
 98 61.4 51.0 76.4





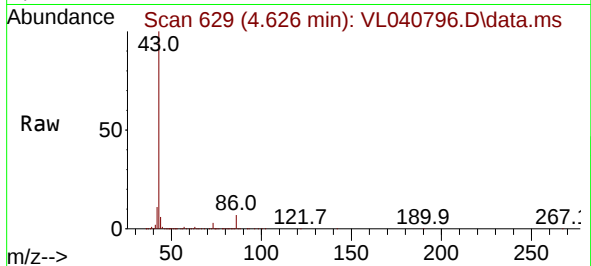
#23
 Vinyl Acetate
 Concen: 10.256 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.019 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

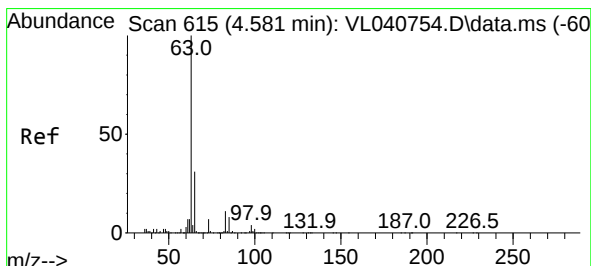
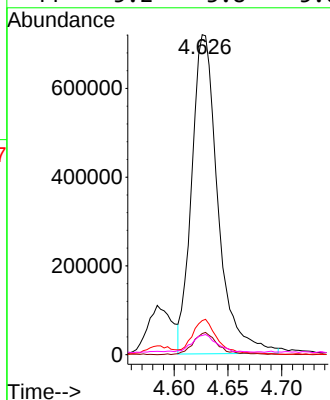
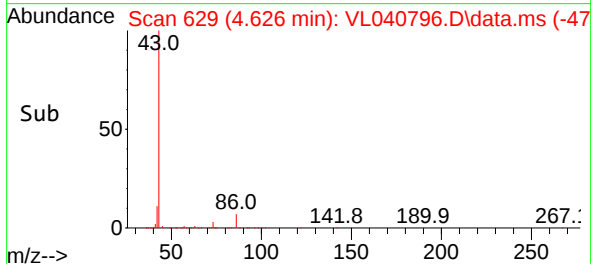


Tgt Ion: 43 Resp: 121920
 Ion Ratio Lower Upper
 43 100
 86 6.9 4.9 7.3
 42 10.7 7.8 11.6
 44 5.2 3.8 5.6

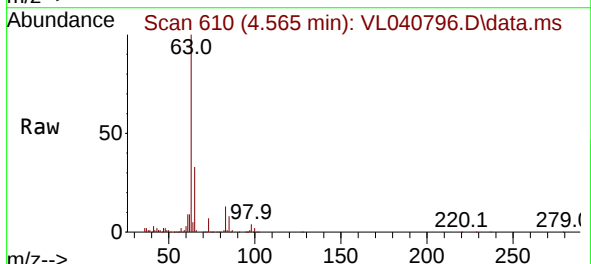
Manual Integrations

APPROVED

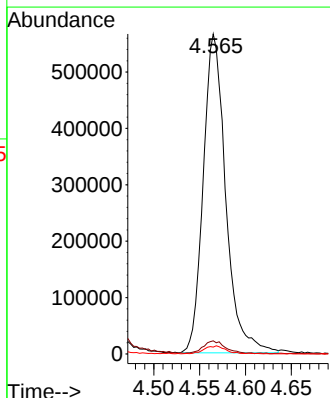
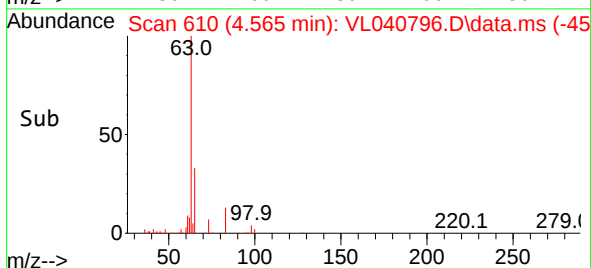
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

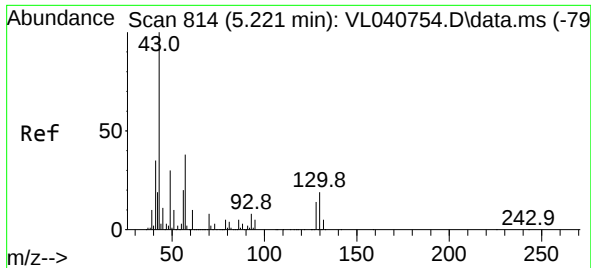


#24
 1,1-Dichloroethane
 Concen: 10.763 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.016 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33



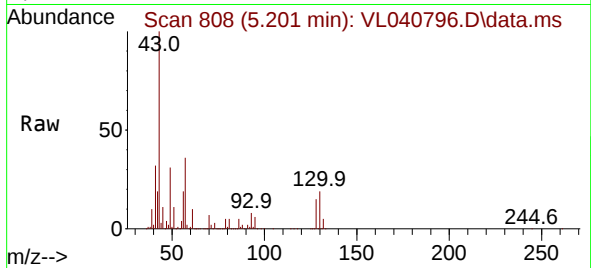
Tgt Ion: 63 Resp: 964963
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.0 5.8
 100 2.2 1.3 3.8





#25
Ethyl Acetate
Concen: 10.321 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

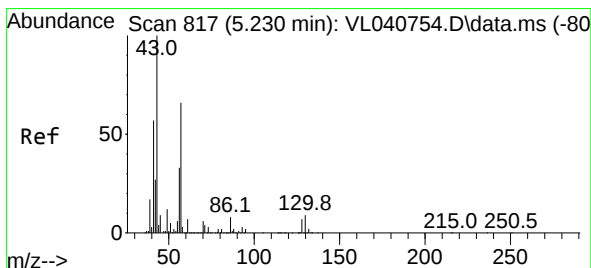
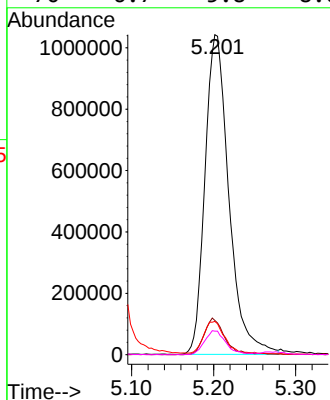
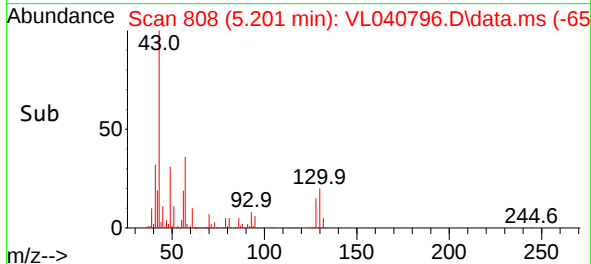
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



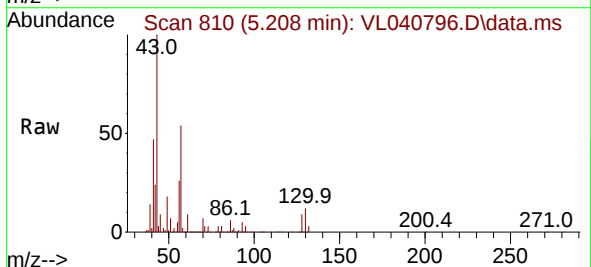
Tgt Ion: 43 Resp: 2109379
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.4
61 10.0 8.2 12.2
70 6.7 5.8 8.6

Manual Integrations
APPROVED

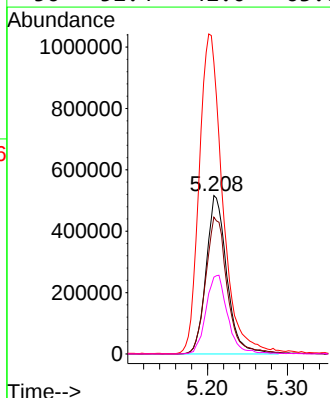
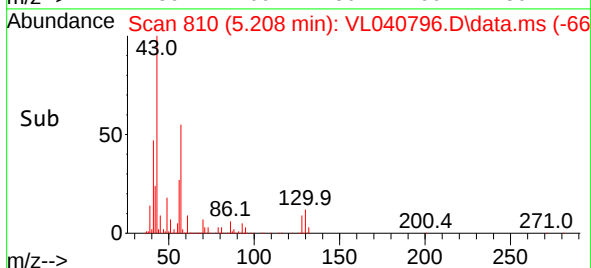
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

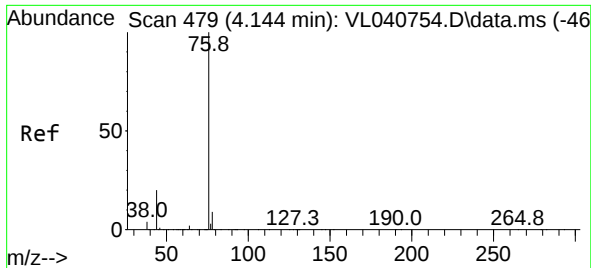


#26
Hexane
Concen: 9.920 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



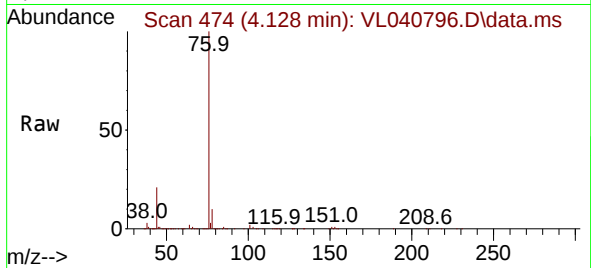
Tgt Ion: 57 Resp: 926584
Ion Ratio Lower Upper
57 100
41 90.4 71.4 107.2
43 230.0 182.3 273.5
56 52.4 42.0 63.0





#27
Carbon Disulfide
Concen: 11.157 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

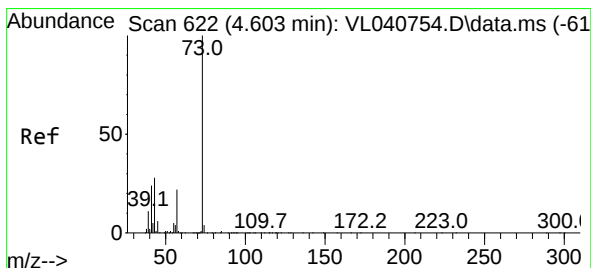
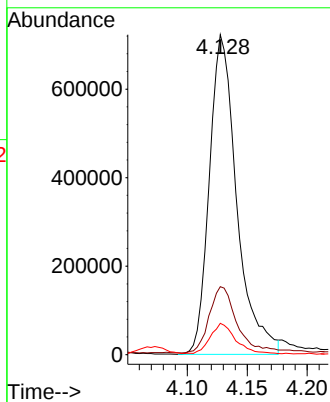
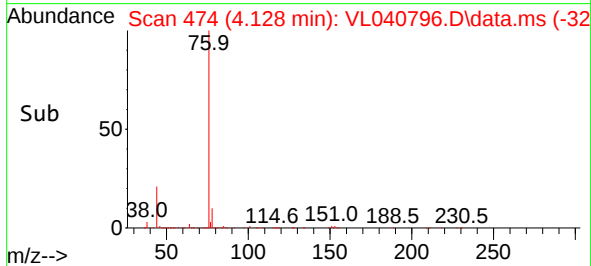
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



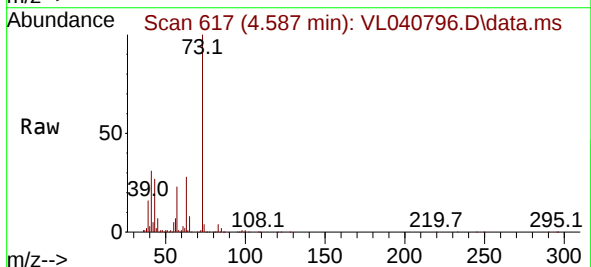
Tgt Ion: 76 Resp: 114983
Ion Ratio Lower Upper
76 100
44 22.1 16.6 25.0
78 10.1 7.8 11.6

Manual Integrations
APPROVED

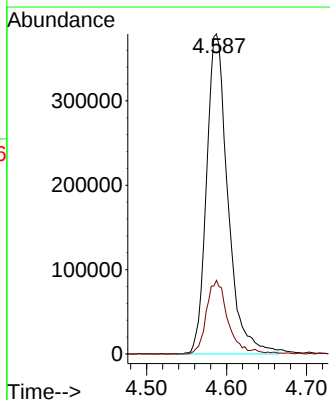
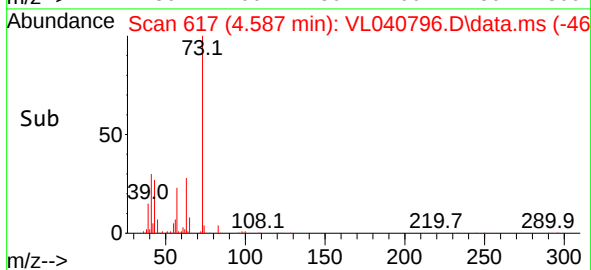
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

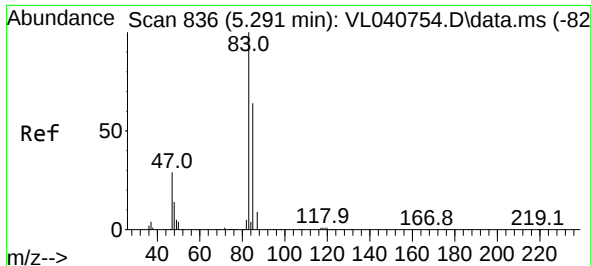


#28
Methyl tert-Butyl Ether
Concen: 9.692 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.016 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



Tgt Ion: 73 Resp: 704002
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3





#29

Chloroform

Concen: 11.412 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 83 Resp: 1542369

Ion Ratio Lower Upper

83 100

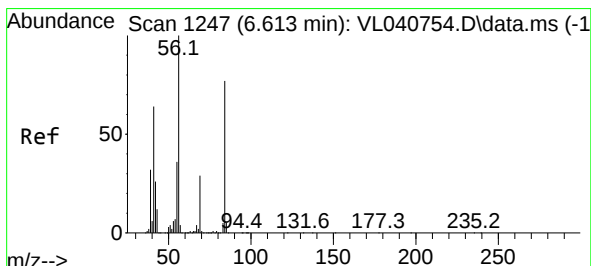
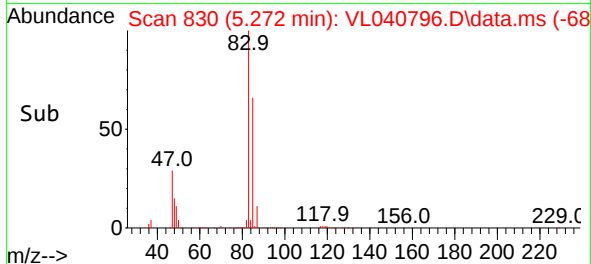
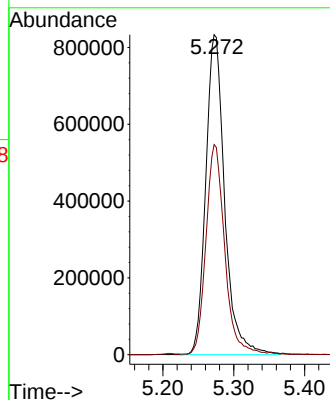
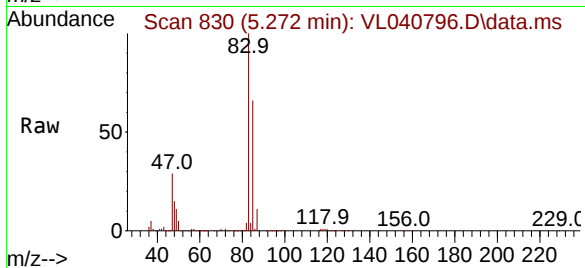
85 65.5 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#30

Cyclohexane

Concen: 10.550 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.019 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

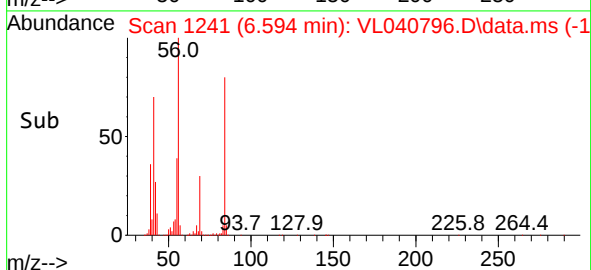
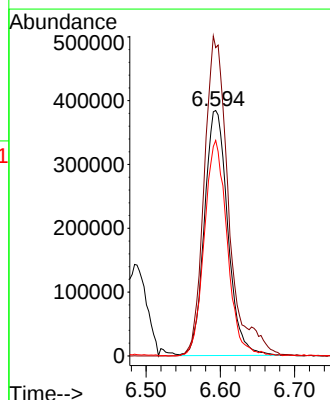
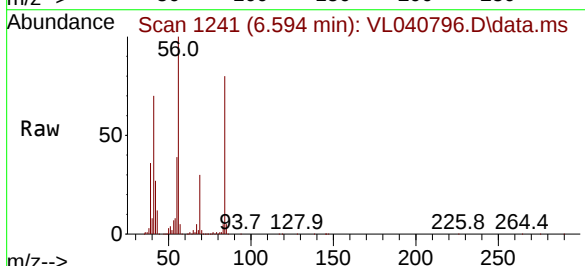
Tgt Ion: 84 Resp: 838582

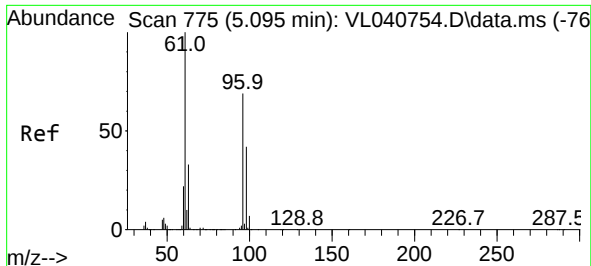
Ion Ratio Lower Upper

84 100

56 136.8 110.3 165.5

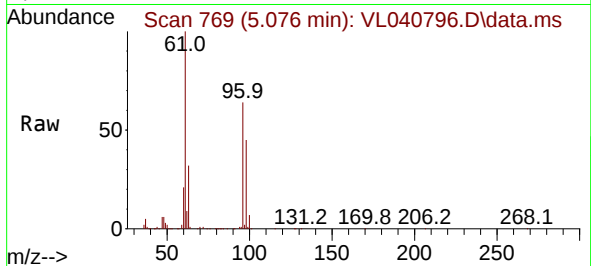
41 86.5 67.4 101.2





#31
 cis-1,2-Dichloroethene
 Concen: 9.487 ppbv
 RT: 5.076 min Scan# 70
 Delta R.T. -0.019 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33

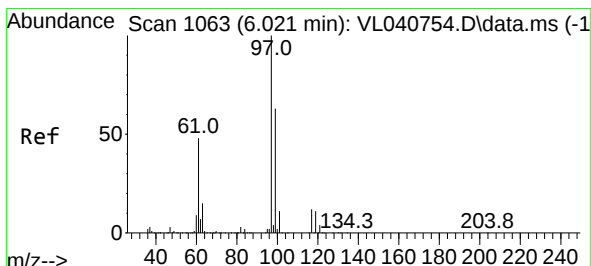
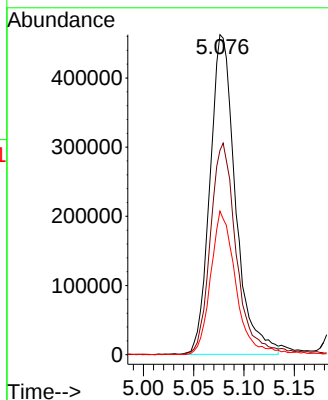
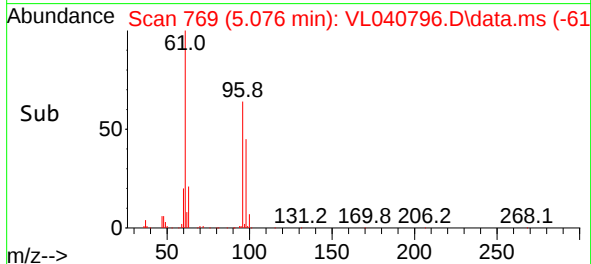
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01



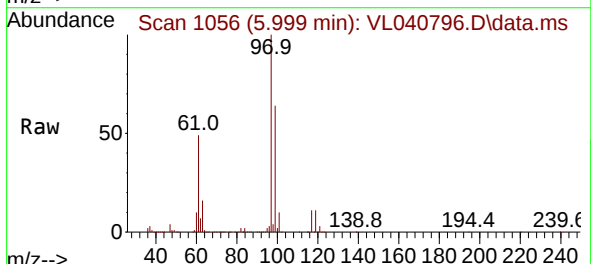
Tgt Ion: 61 Resp: 816640
 Ion Ratio Lower Upper
 61 100
 96 63.7 55.1 82.7
 98 44.8 33.5 50.3

Manual Integrations
 APPROVED

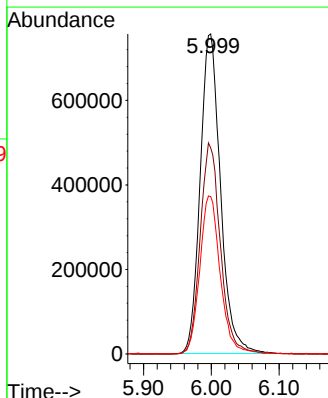
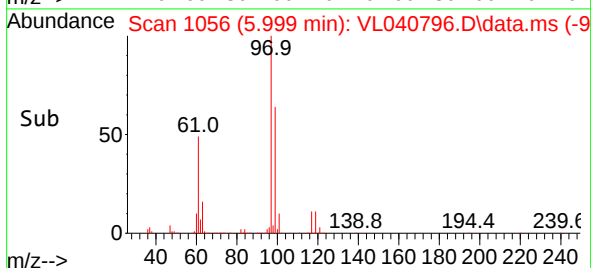
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

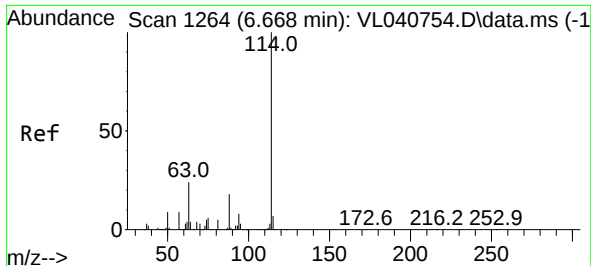


#32
 1,1,1-Trichloroethane
 Concen: 10.955 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.022 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33



Tgt Ion: 97 Resp: 1575874
 Ion Ratio Lower Upper
 97 100
 99 65.8 51.8 77.6
 61 50.1 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion:114 Resp: 255368

Ion Ratio Lower Upper

114 100

63 24.7 19.8 29.6

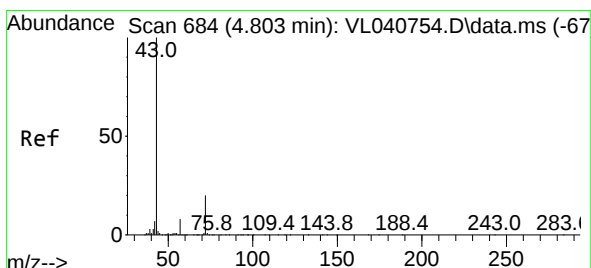
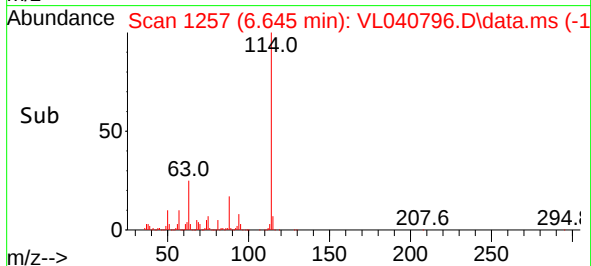
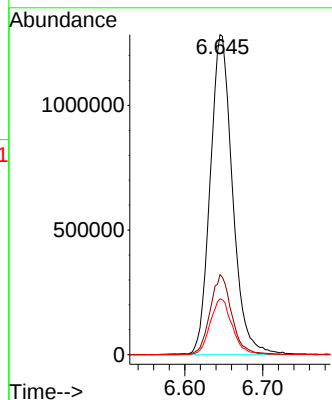
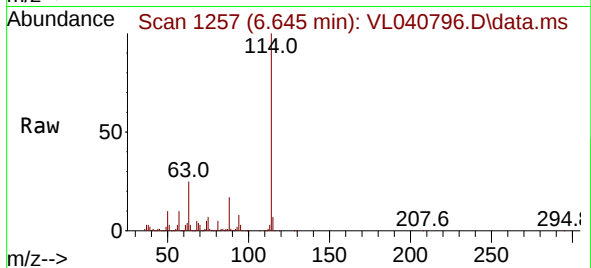
88 17.4 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#34

2-Butanone

Concen: 9.179 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.016 min

Lab File: VL040796.D

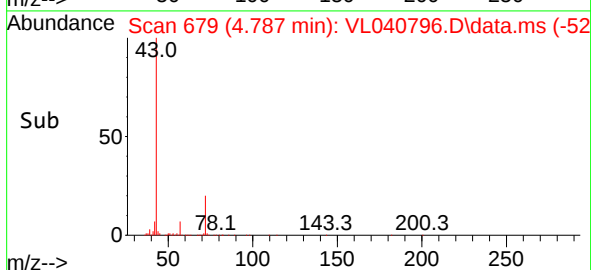
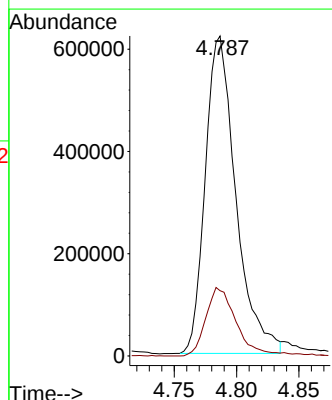
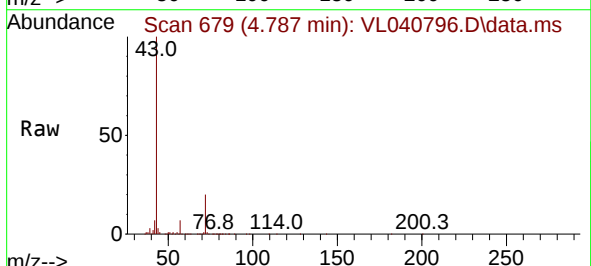
Acq: 25 Oct 2023 11:33

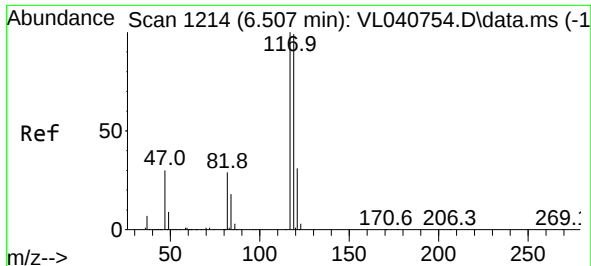
Tgt Ion: 43 Resp: 1060989

Ion Ratio Lower Upper

43 100

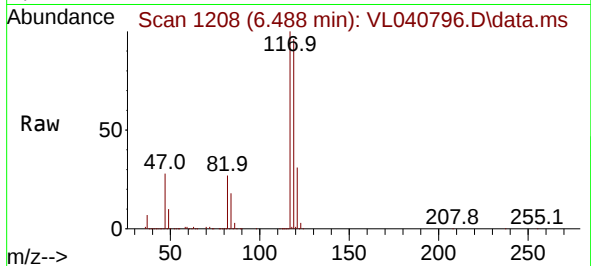
72 22.2 16.8 25.2





#35
Carbon Tetrachloride
Concen: 11.856 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. -0.019 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

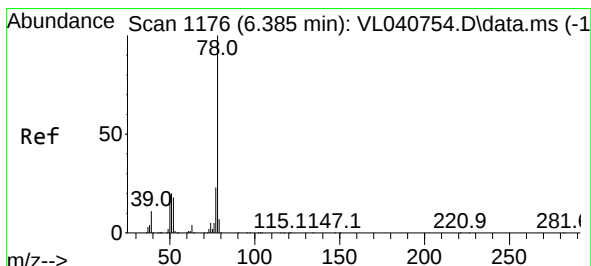
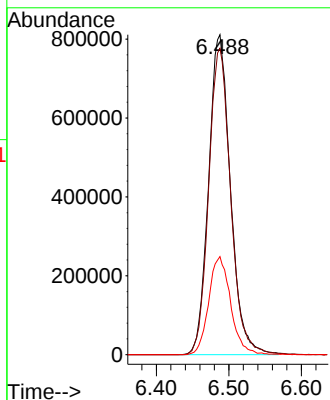
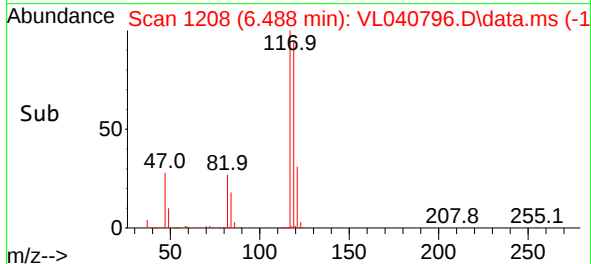
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion: 117 Resp: 1699398
Ion Ratio Lower Upper
117 100
119 95.7 79.4 119.0
121 30.6 25.0 37.4

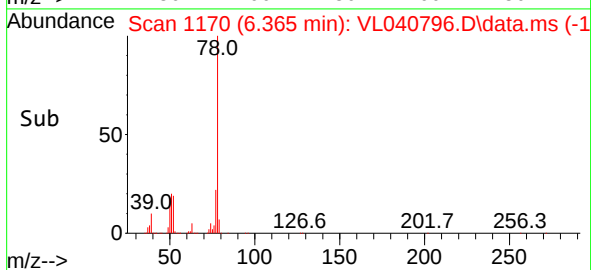
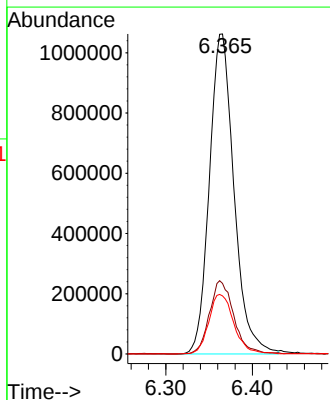
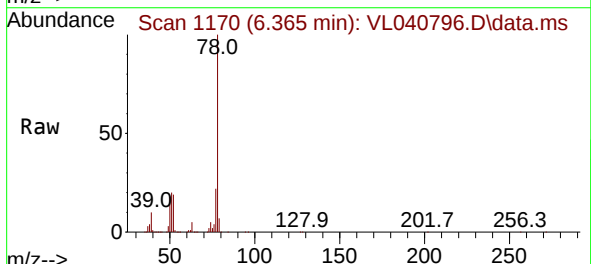
Manual Integrations
APPROVED

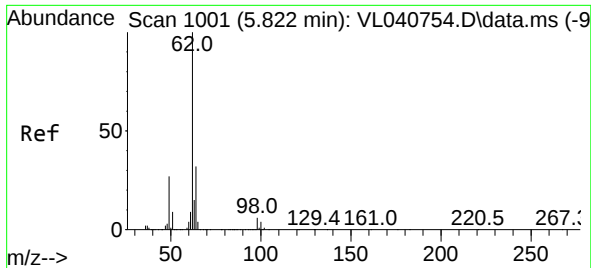
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#36
Benzene
Concen: 10.665 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.019 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Tgt Ion: 78 Resp: 2094844
Ion Ratio Lower Upper
78 100
77 22.0 18.4 27.6
50 18.1 15.0 22.4





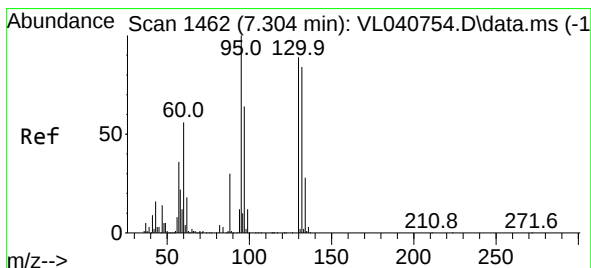
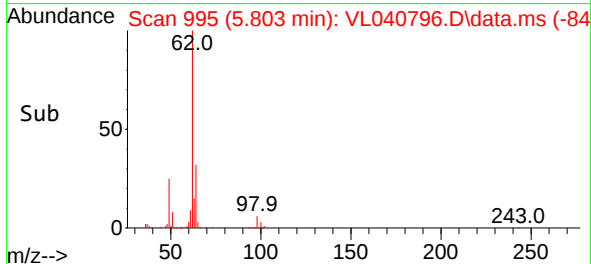
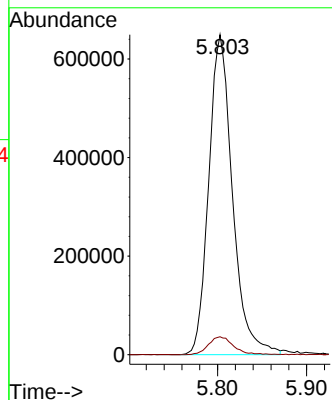
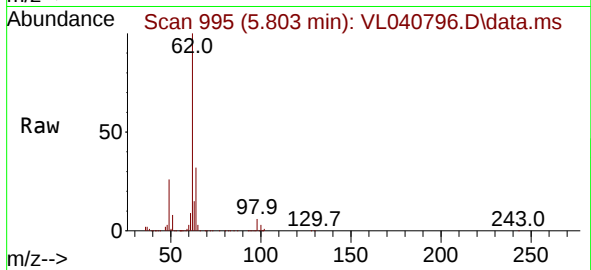
#37
1,2-Dichloroethane
Concen: 11.944 ppbv
RT: 5.803 min Scan# 91
Delta R.T. -0.019 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 62 Resp: 1201554
Ion Ratio Lower Upper
62 100
98 6.0 5.4 8.0

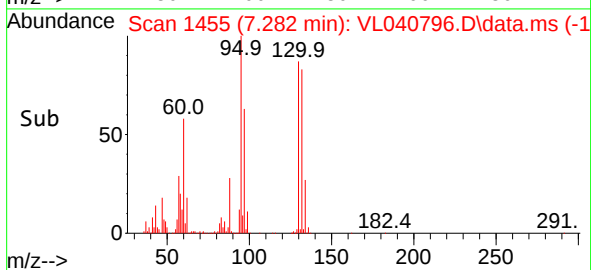
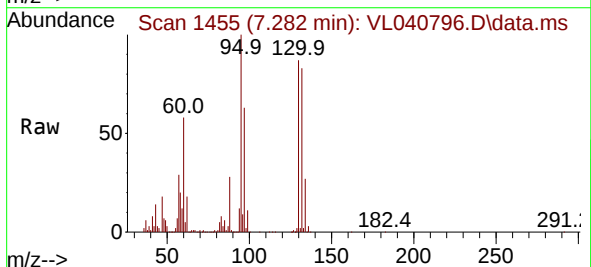
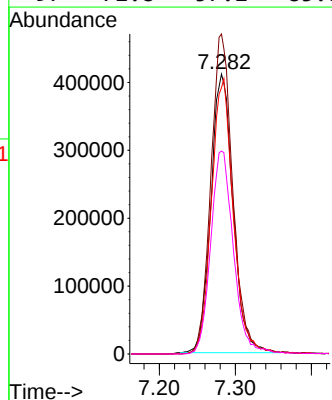
Manual Integrations
APPROVED

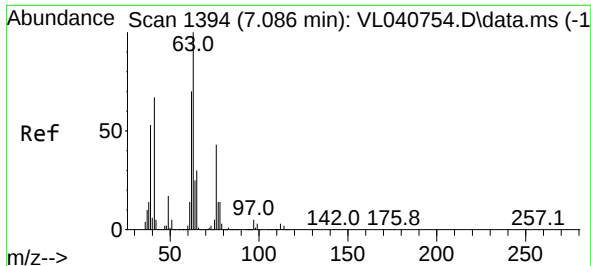
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#38
Trichloroethene
Concen: 9.555 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Tgt Ion:130 Resp: 830577
Ion Ratio Lower Upper
130 100
95 114.9 89.4 134.2
132 95.6 74.8 112.2
97 72.8 57.2 85.8





#39

1,2-Dichloropropane

Concen: 10.584 ppbv

RT: 7.063 min Scan# 1453

Delta R.T. -0.022 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 63 Resp: 81223

Ion Ratio Lower Upper

63 100

41 75.0 53.7 80.5

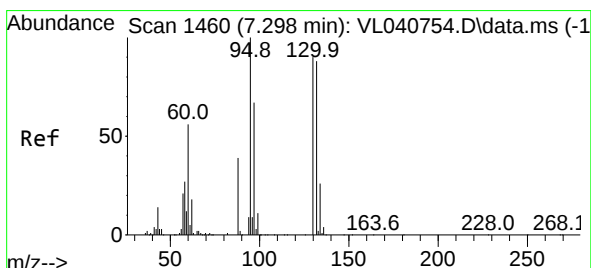
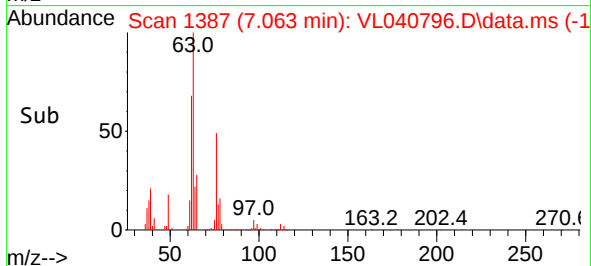
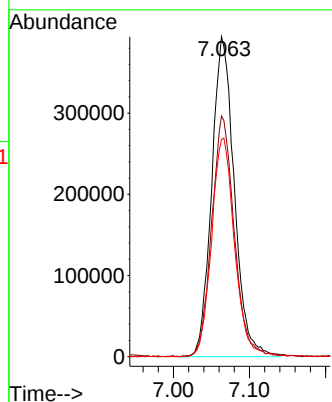
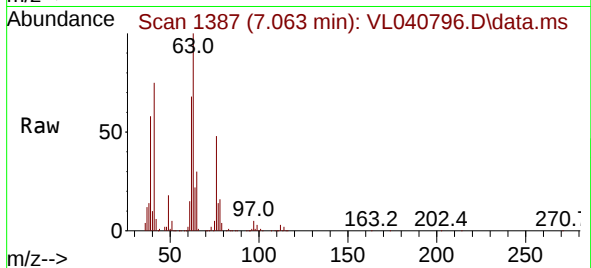
62 67.8 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#40

1,4-Dioxane

Concen: 11.231 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.022 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Tgt Ion: 88 Resp: 326158

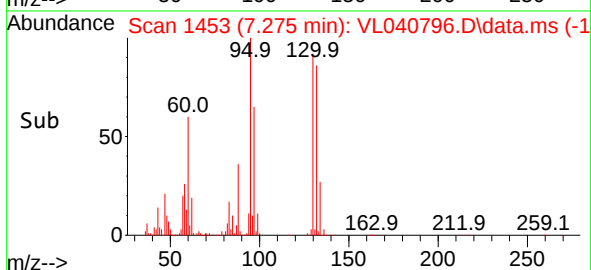
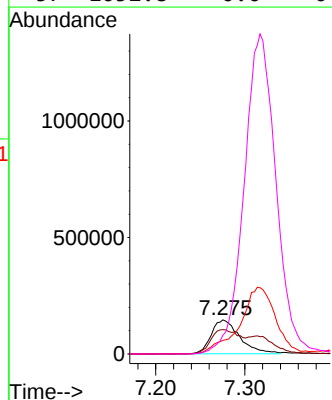
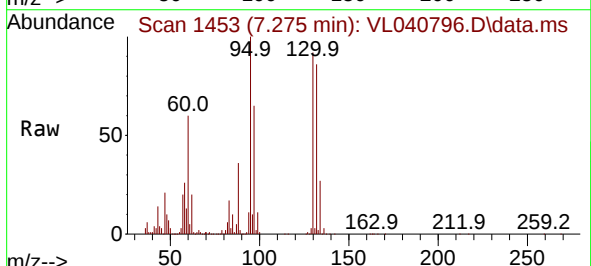
Ion Ratio Lower Upper

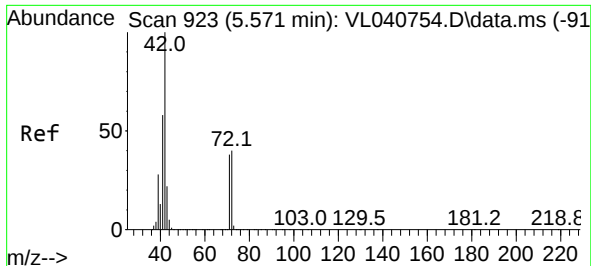
88 100

58 122.3 100.0 150.0

43 246.0 0.0 0.0#

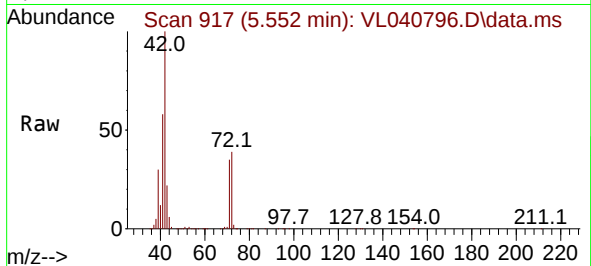
57 1052.8 0.0 0.0#





#41
Tetrahydrofuran
Concen: 10.743 ppbv
RT: 5.552 min Scan# 917
Delta R.T. -0.019 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

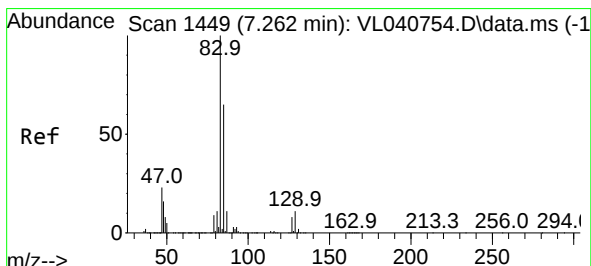
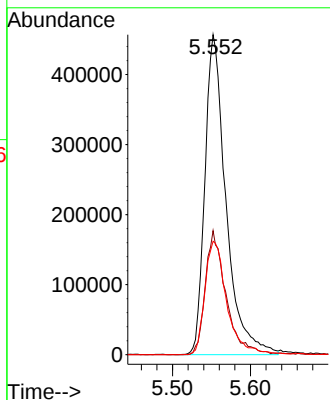
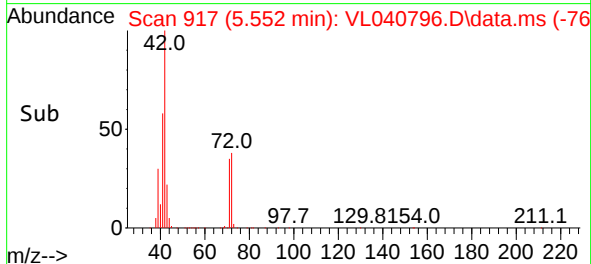
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



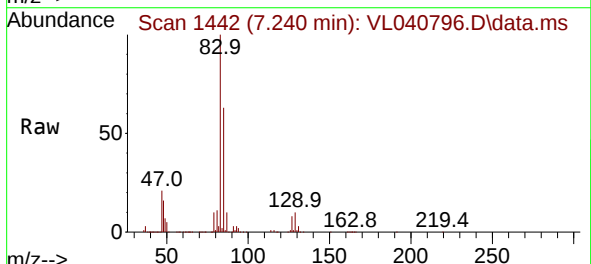
Tgt Ion: 42 Resp: 85995
Ion Ratio Lower Upper
42 100
72 38.3 31.1 46.7
71 37.3 29.7 44.5

Manual Integrations
APPROVED

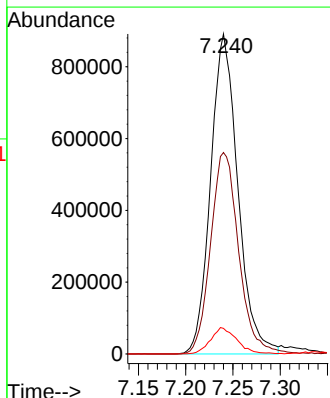
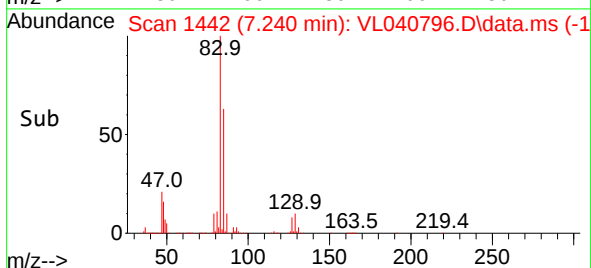
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

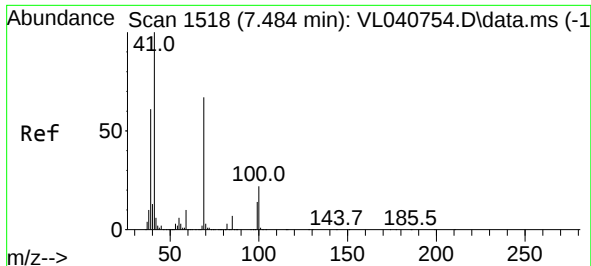


#42
Bromodichloromethane
Concen: 11.856 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



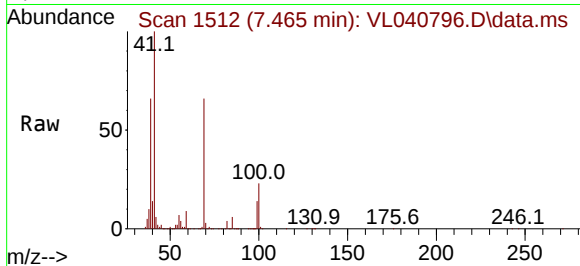
Tgt Ion: 83 Resp: 1786677
Ion Ratio Lower Upper
83 100
85 62.9 52.1 78.1
127 8.0 6.7 10.1





#43
Methyl Methacrylate
Concen: 11.040 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

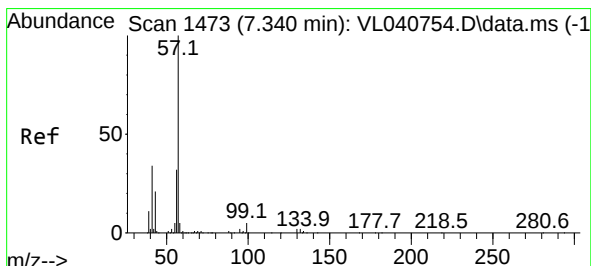
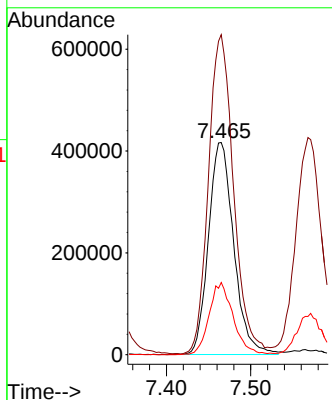
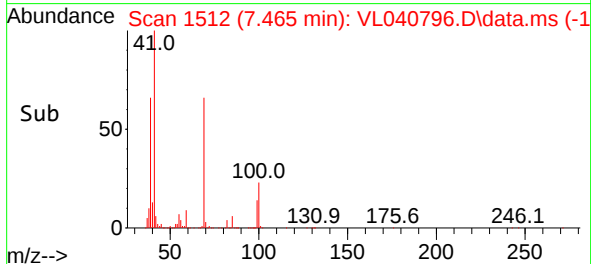
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion: 69 Resp: 86802
Ion Ratio Lower Upper
69 100
41 149.3 120.6 181.0
100 32.3 27.1 40.7

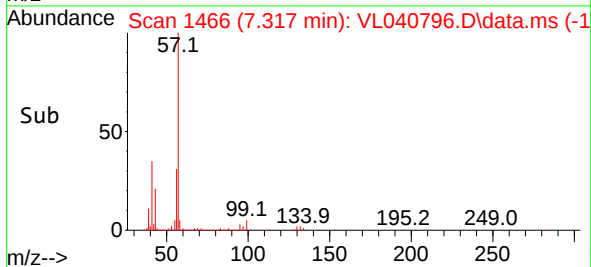
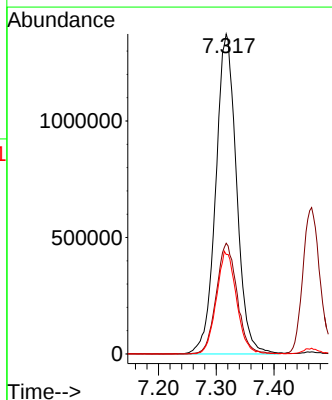
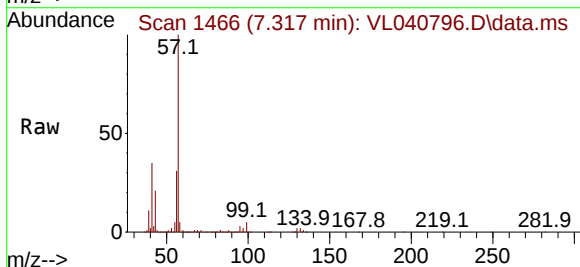
Manual Integrations
APPROVED

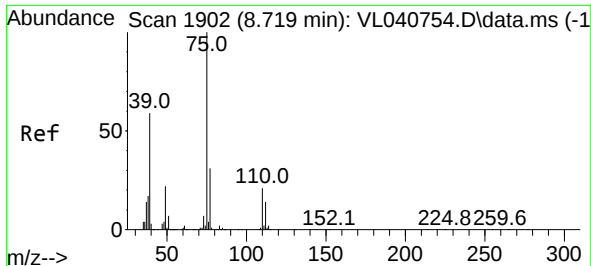
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#44
2,2,4-Trimethylpentane
Concen: 10.322 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Tgt Ion: 57 Resp: 3428490
Ion Ratio Lower Upper
57 100
41 34.7 27.4 41.0
56 31.2 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 11.847 ppbv

RT: 8.696 min Scan# 1719

Delta R.T. -0.022 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 75 Resp: 742802

Ion Ratio Lower Upper

75 100

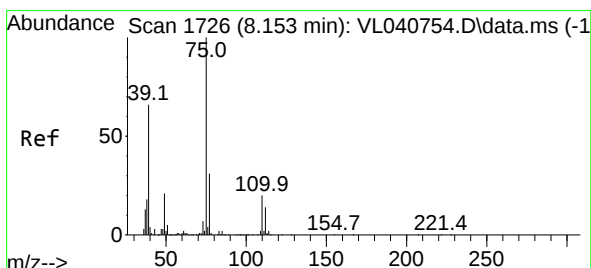
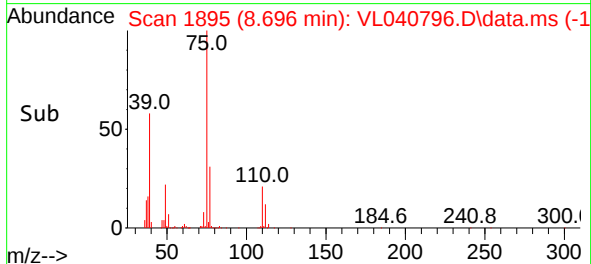
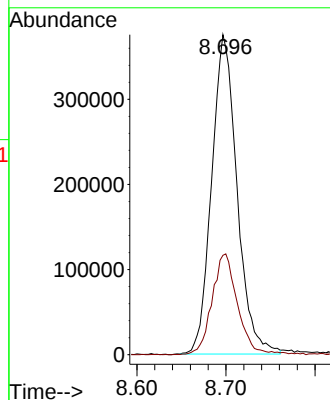
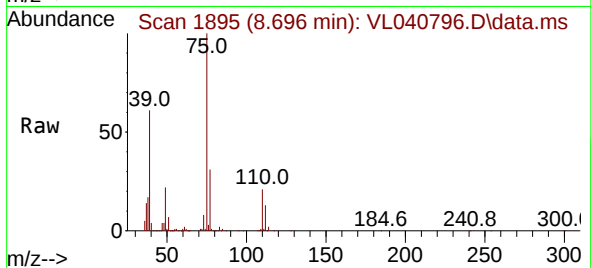
77 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#46

cis-1,3-Dichloropropene

Concen: 11.400 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. -0.022 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

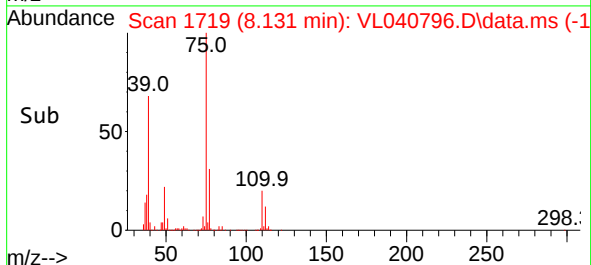
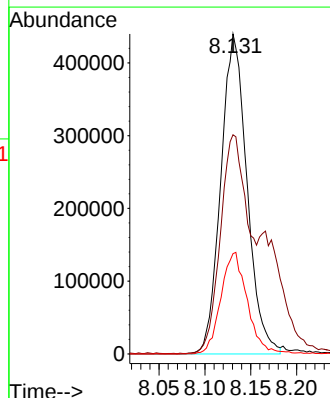
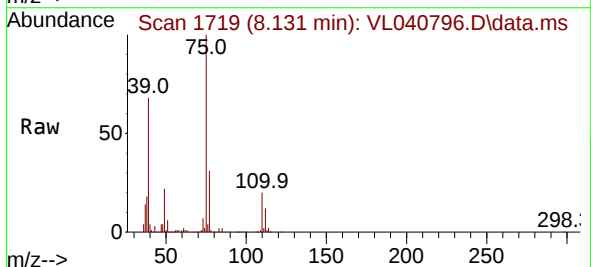
Tgt Ion: 75 Resp: 873266

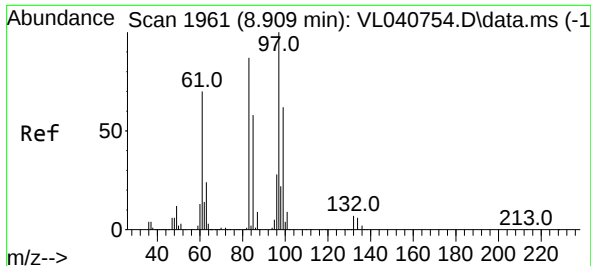
Ion Ratio Lower Upper

75 100

39 68.2 52.4 78.6

77 31.4 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.924 ppbv

RT: 8.889 min Scan# 1961

Delta R.T. -0.019 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 97 Resp: 880538

Ion Ratio Lower Upper

97 100

83 93.6 69.5 104.3

85 57.6 46.6 69.8

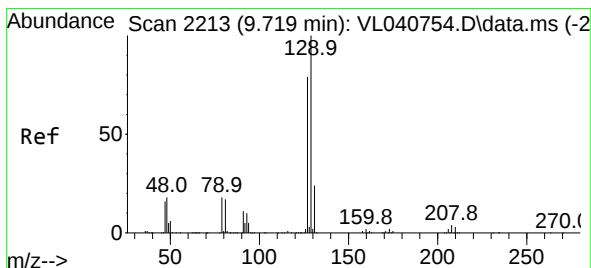
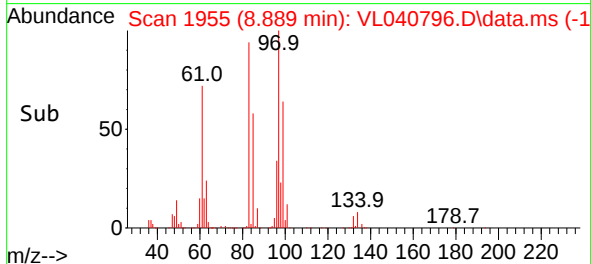
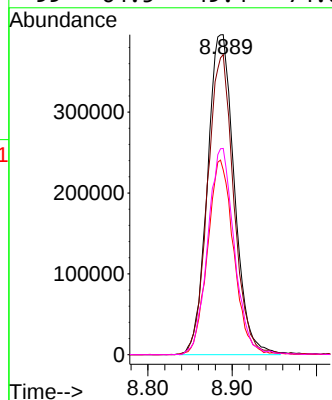
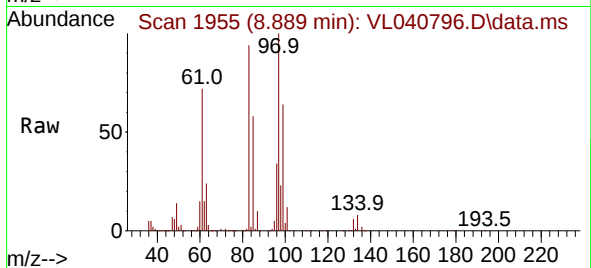
99 64.5 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#48

Dibromochloromethane

Concen: 11.539 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.026 min

Lab File: VL040796.D

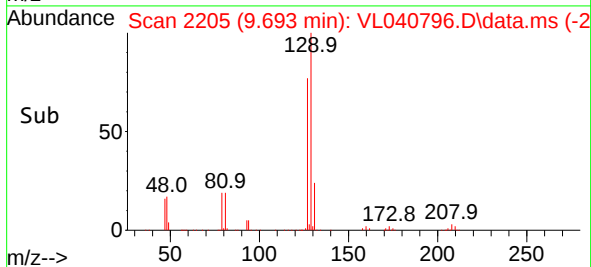
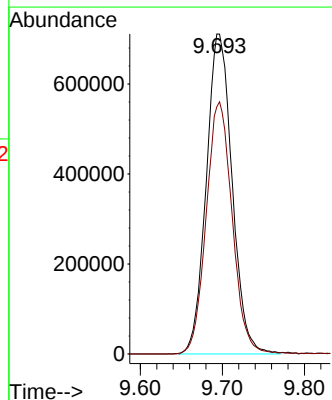
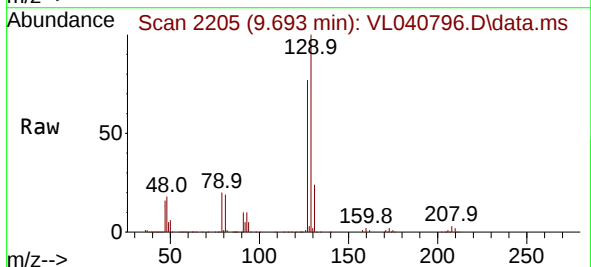
Acq: 25 Oct 2023 11:33

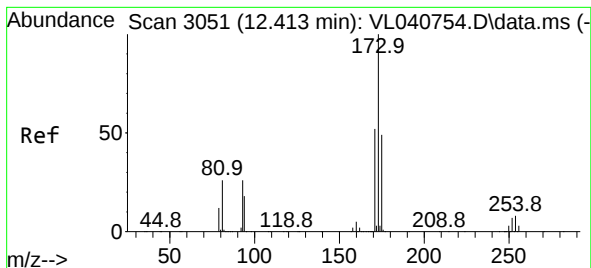
Tgt Ion:129 Resp: 1558819

Ion Ratio Lower Upper

129 100

127 79.7 39.1 117.3





#49

Bromoform

Concen: 11.476 ppbv

RT: 12.391 min Scan# 3051

Delta R.T. -0.022 min

Lab File: VL040796.D

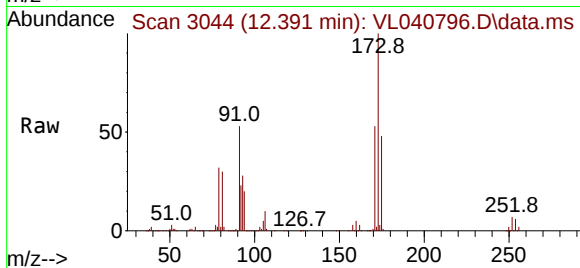
Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01



Tgt Ion:173 Resp: 1260194

Ion Ratio Lower Upper

173 100

175 48.8 39.2 58.8

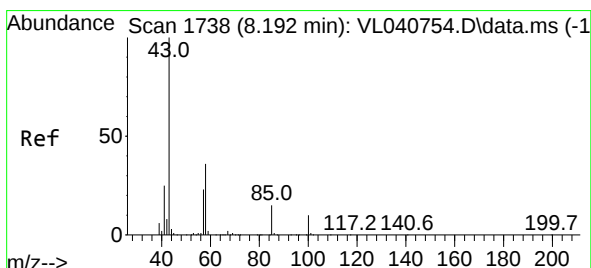
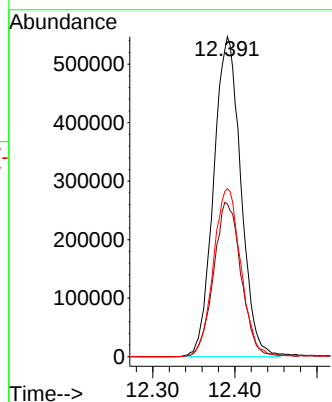
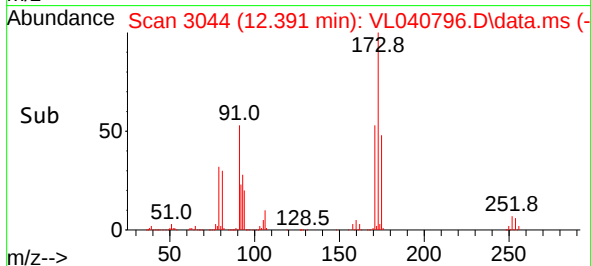
171 53.8 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#50

4-Methyl-2-Pentanone

Concen: 11.029 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.022 min

Lab File: VL040796.D

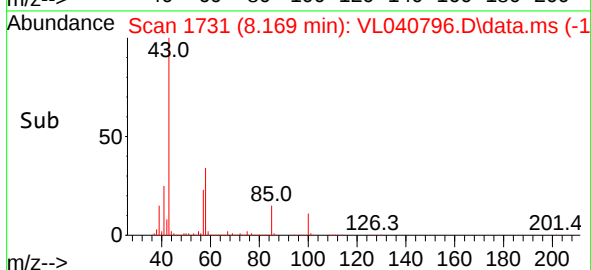
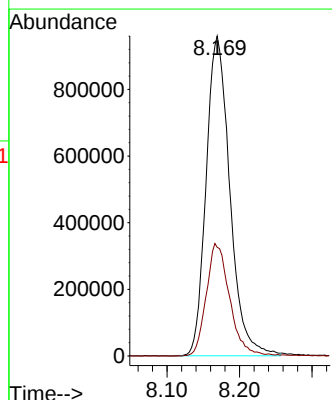
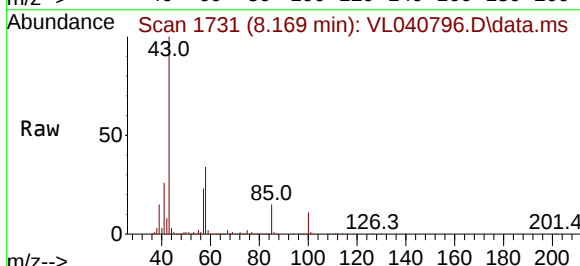
Acq: 25 Oct 2023 11:33

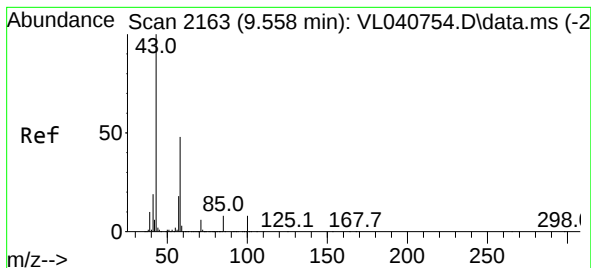
Tgt Ion: 43 Resp: 2180775

Ion Ratio Lower Upper

43 100

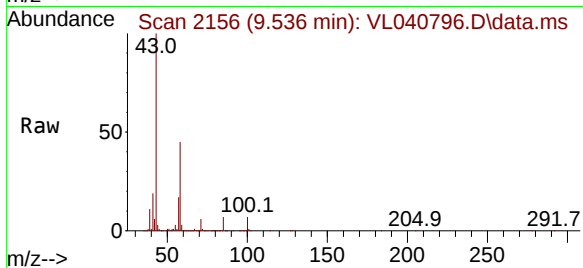
58 34.9 28.8 43.2





#51
2-Hexanone
Concen: 10.846 ppbv
RT: 9.536 min Scan# 2163
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

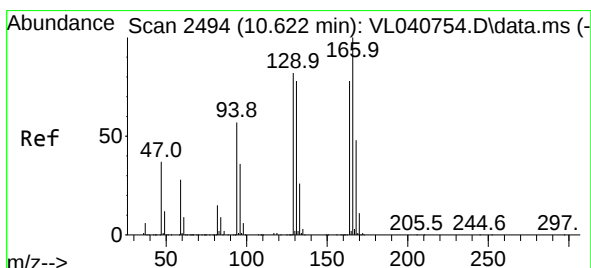
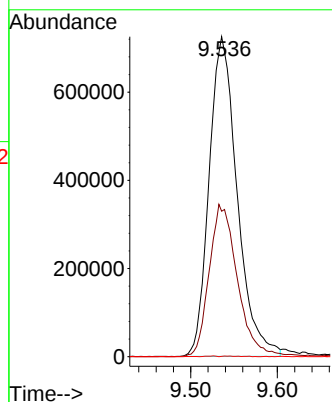
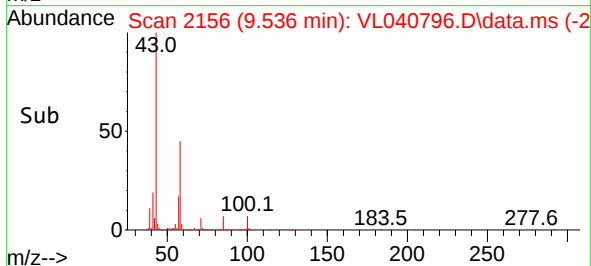
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



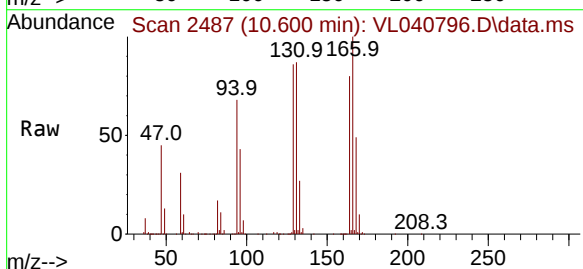
Tgt Ion: 43 Resp: 163230
Ion Ratio Lower Upper
43 100
58 48.6 38.6 58.0
98 0.2 0.0 0.0

Manual Integrations
APPROVED

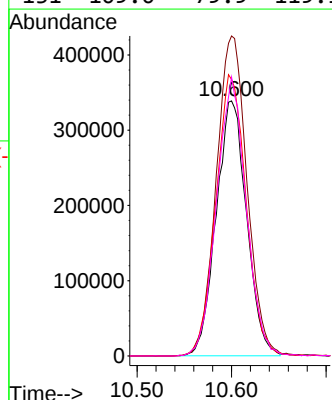
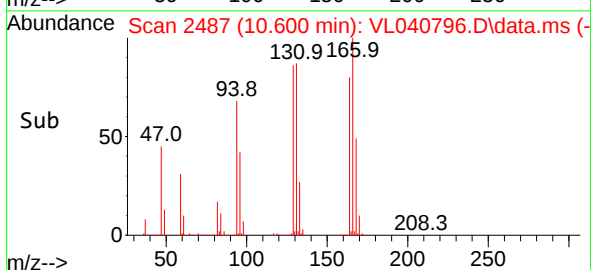
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

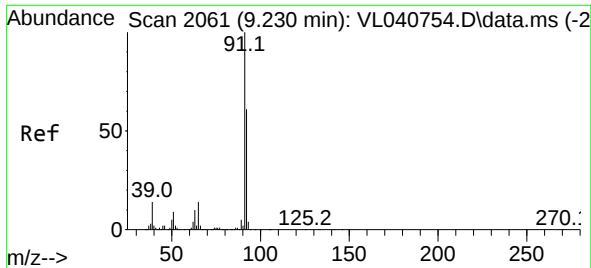


#52
Tetrachloroethene
Concen: 9.466 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



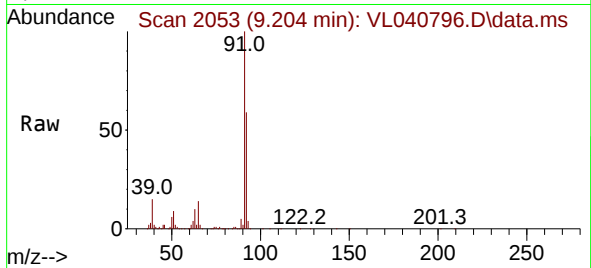
Tgt Ion:164 Resp: 755255
Ion Ratio Lower Upper
164 100
166 125.4 102.4 153.6
129 108.2 84.2 126.4
131 109.0 79.9 119.9





#53
Toluene
Concen: 10.437 ppbv
RT: 9.204 min Scan# 2061
Delta R.T. -0.026 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

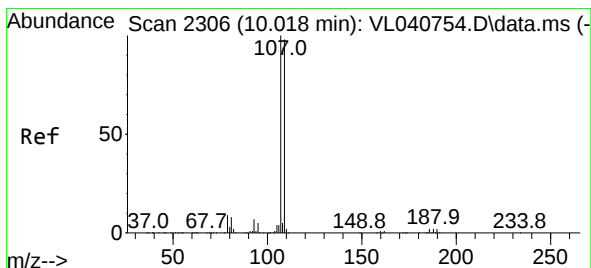
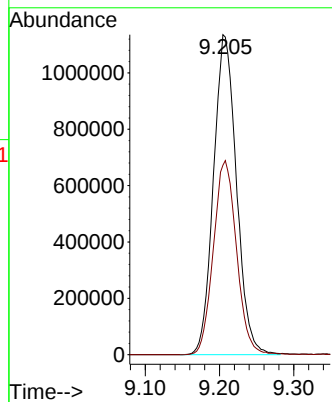
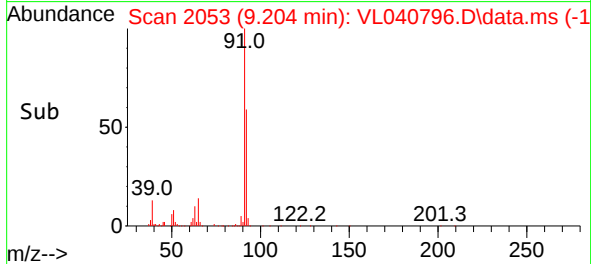
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



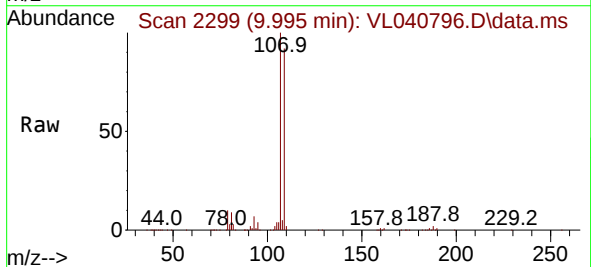
Tgt Ion: 91 Resp: 2439839
Ion Ratio Lower Upper
91 100
92 61.2 50.2 75.2

Manual Integrations
APPROVED

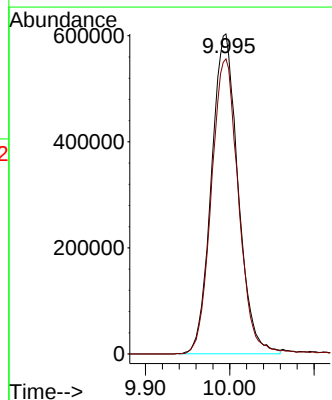
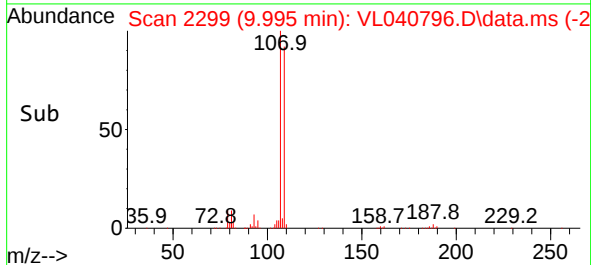
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

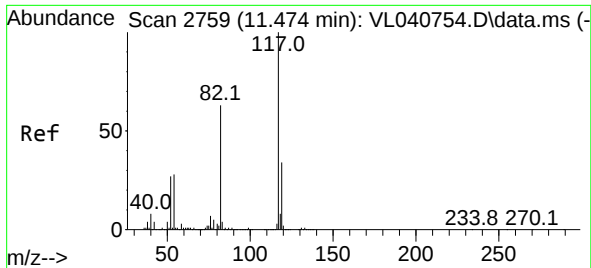


#54
1,2-Dibromoethane
Concen: 11.704 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



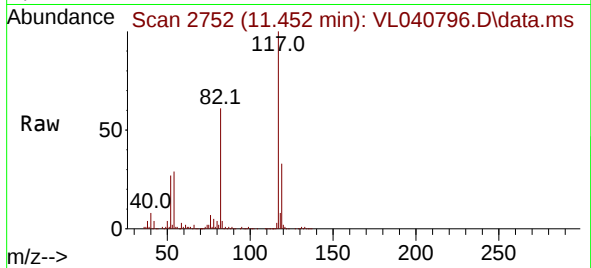
Tgt Ion:107 Resp: 1322623
Ion Ratio Lower Upper
107 100
109 92.1 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2751
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

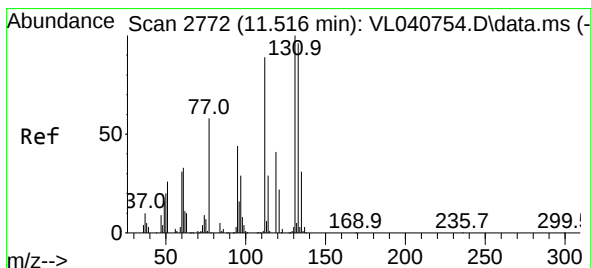
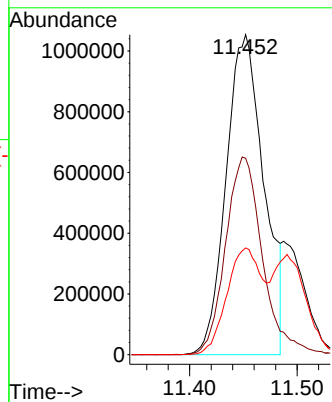
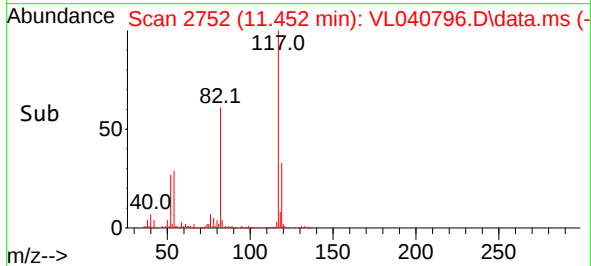
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



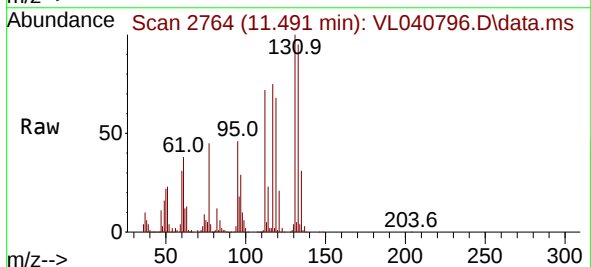
Tgt Ion:117 Resp: 257251
Ion Ratio Lower Upper
117 100
82 60.8 46.6 70.0
119 28.9 26.0 39.0

Manual Integrations
APPROVED

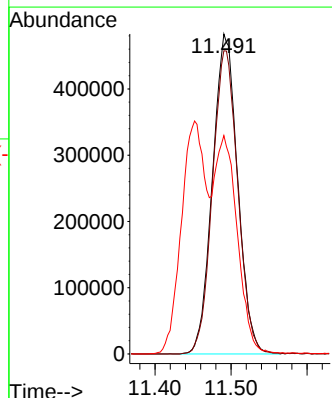
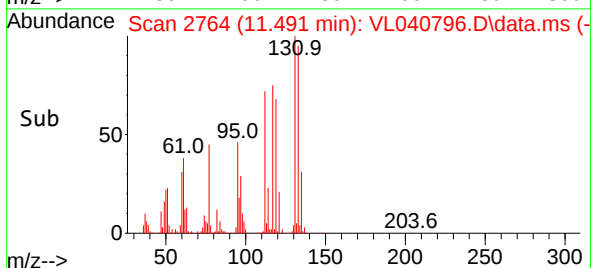
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

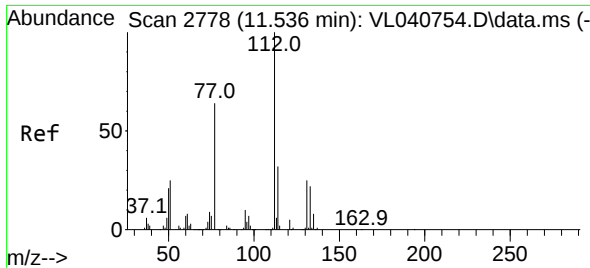


#56
1,1,1,2-Tetrachloroethane
Concen: 10.563 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.026 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



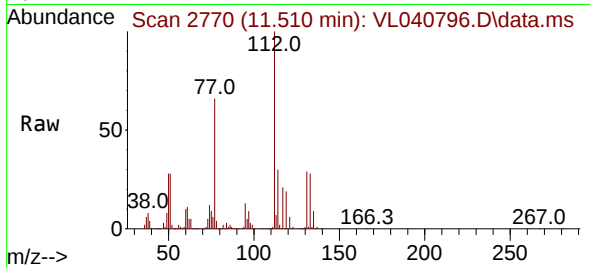
Tgt Ion:131 Resp: 1109013
Ion Ratio Lower Upper
131 100
133 95.7 75.0 112.6
119 68.8 45.4 68.0#





#57
Chlorobenzene
Concen: 10.223 ppbv
RT: 11.510 min Scan# 211
Delta R.T. -0.026 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

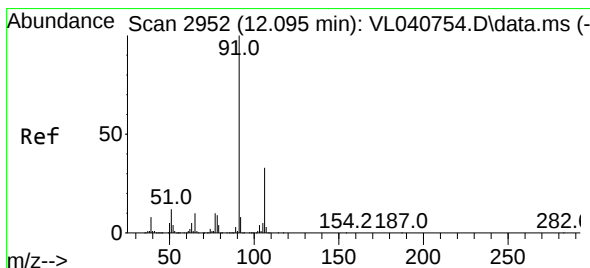
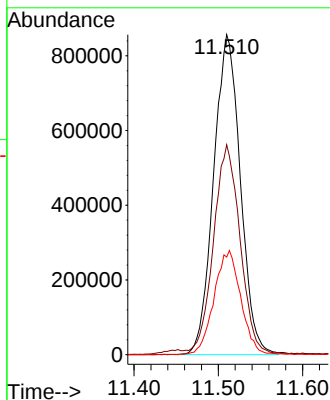
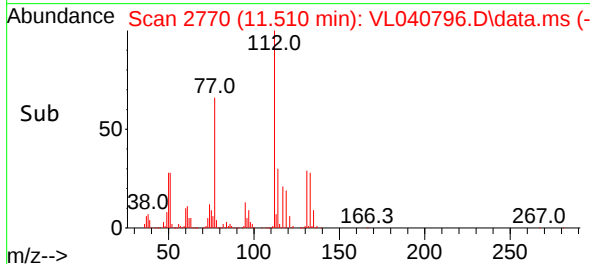
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



Tgt Ion:112 Resp: 188425
Ion Ratio Lower Upper
112 100
77 64.9 51.9 77.9
114 30.4 28.6 35.0

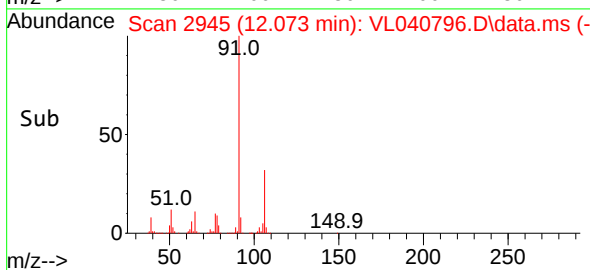
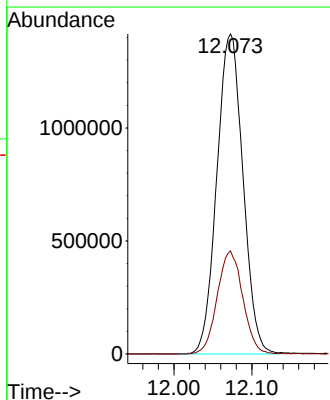
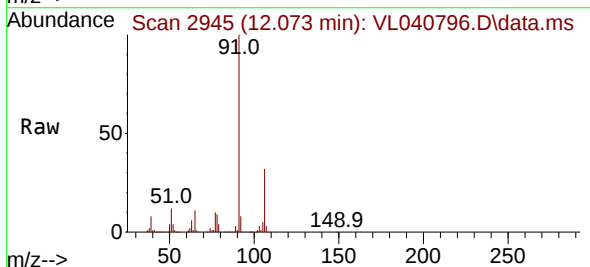
Manual Integrations
APPROVED

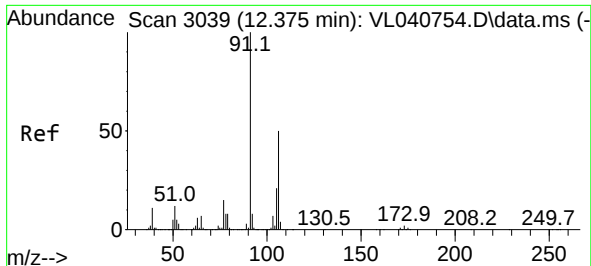
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#58
Ethyl Benzene
Concen: 10.186 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Tgt Ion: 91 Resp: 3299278
Ion Ratio Lower Upper
91 100
106 32.2 26.7 40.1





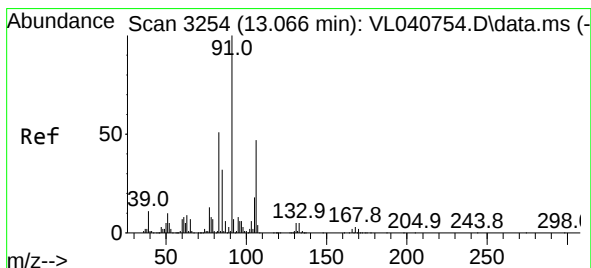
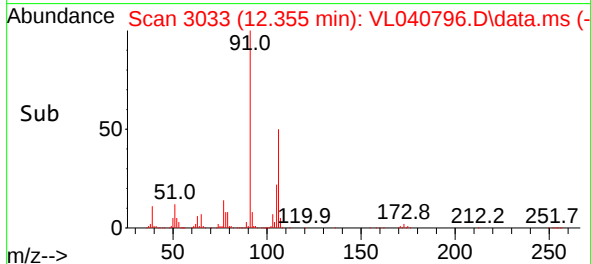
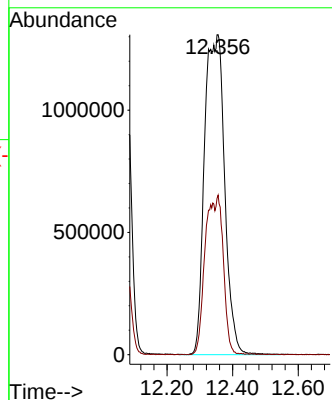
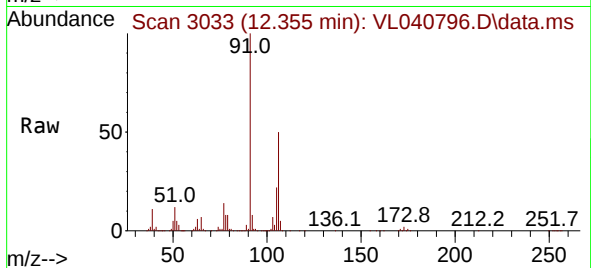
#59
m/p-Xylene
Concen: 20.835 ppbv m
RT: 12.355 min Scan# 3033
Delta R.T. -0.019 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 91 Resp: 5554284
Ion Ratio Lower Upper
91 100
106 45.0 37.7 56.5

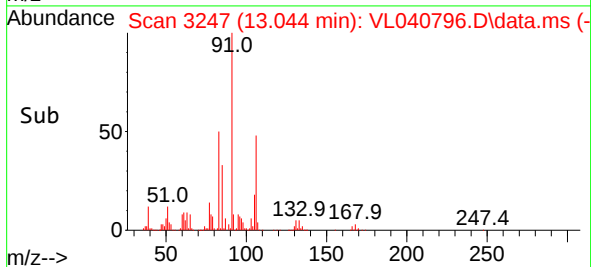
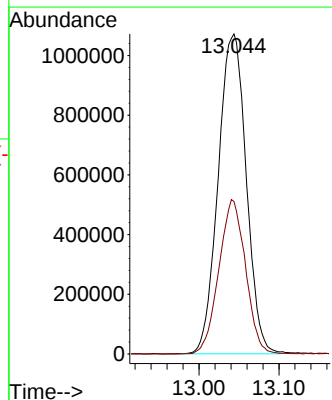
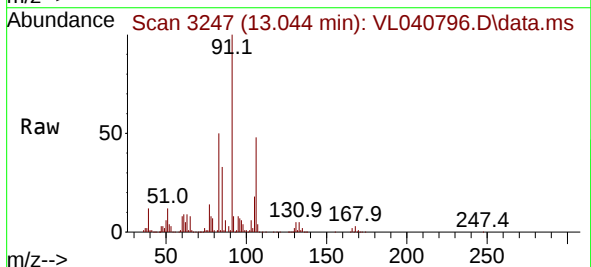
Manual Integrations
APPROVED

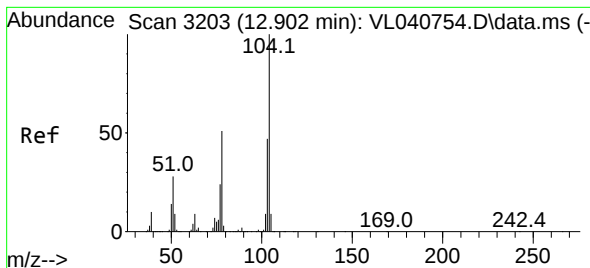
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#60
o-Xylene
Concen: 10.258 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Tgt Ion: 91 Resp: 2605652
Ion Ratio Lower Upper
91 100
106 46.1 23.5 70.5





#61

Styrene

Concen: 10.357 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. -0.019 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion:104 Resp: 1457580

Ion Ratio Lower Upper

104 100

78 51.9 39.8 59.6

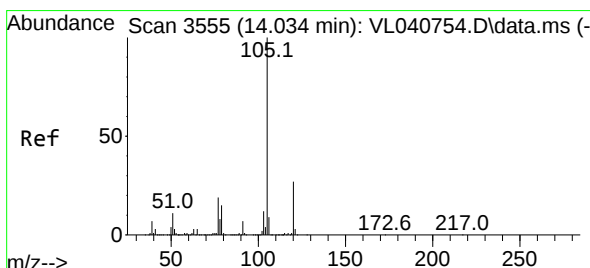
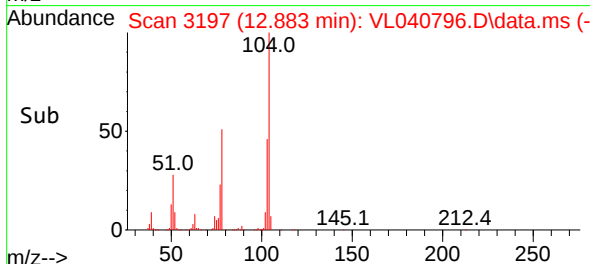
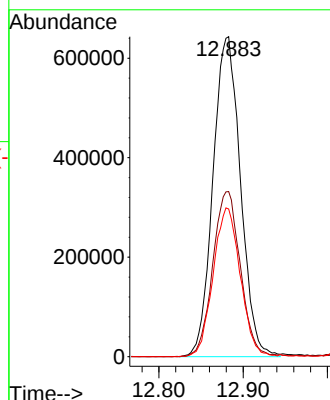
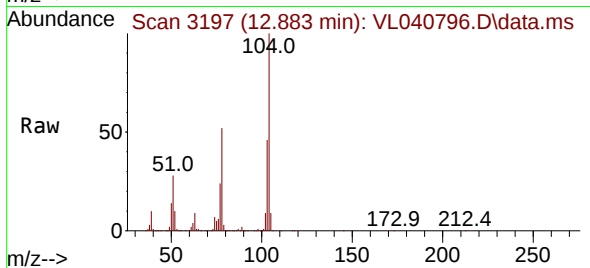
103 46.2 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#62

Isopropylbenzene

Concen: 10.028 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. -0.019 min

Lab File: VL040796.D

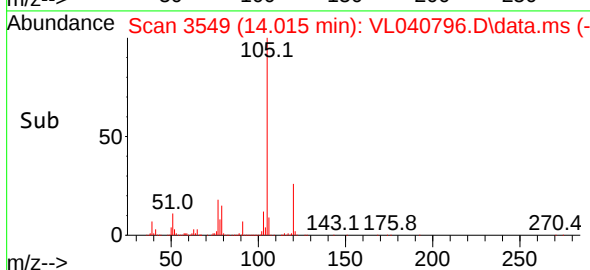
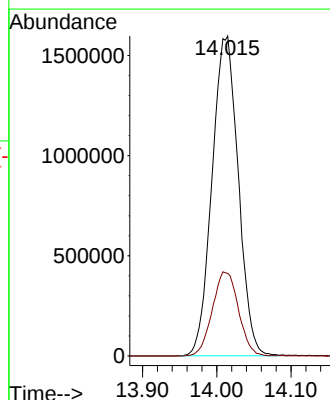
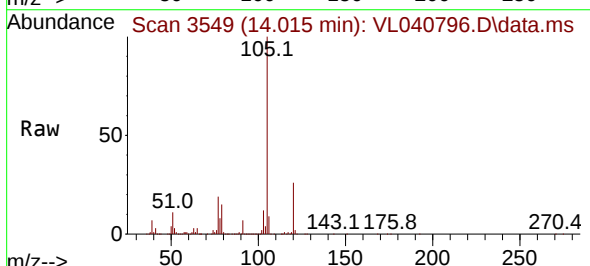
Acq: 25 Oct 2023 11:33

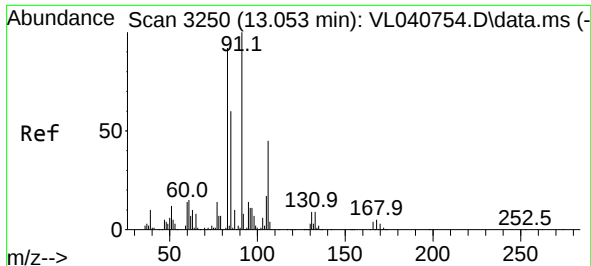
Tgt Ion:105 Resp: 3918540

Ion Ratio Lower Upper

105 100

120 26.2 21.5 32.3





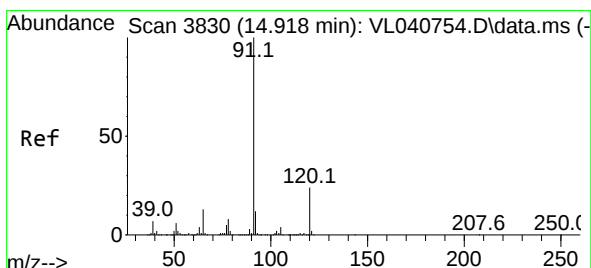
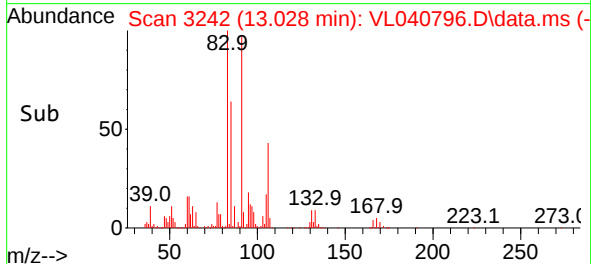
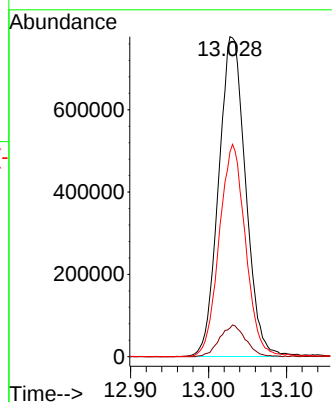
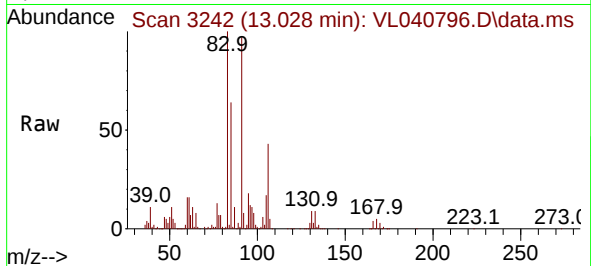
#63
1,1,2,2-Tetrachloroethane
Concen: 9.796 ppbv
RT: 13.028 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 83 Resp: 1865419
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.5 32.9 98.7

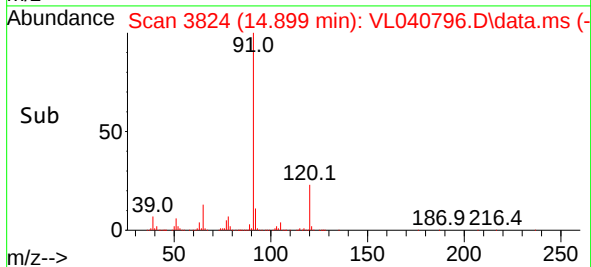
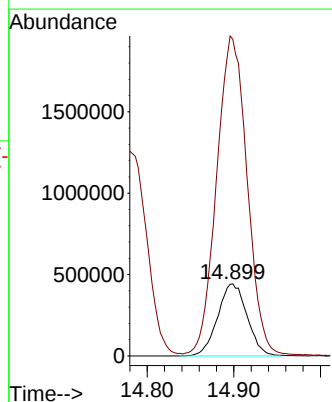
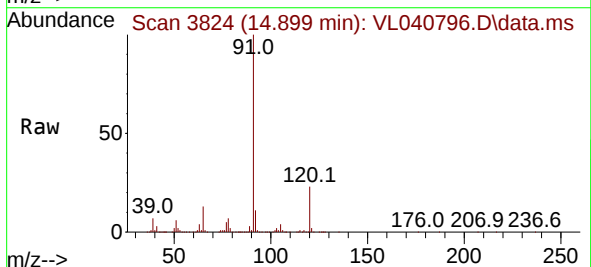
Manual Integrations
APPROVED

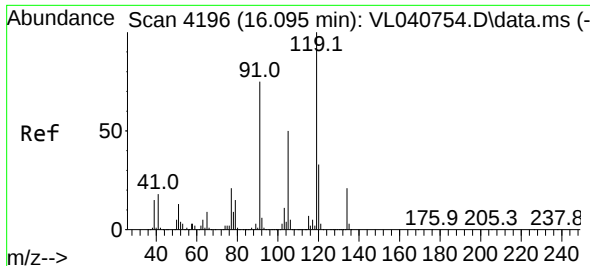
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#64
n-propylbenzene
Concen: 9.960 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.019 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

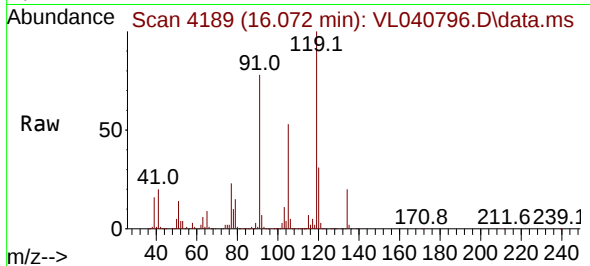
Tgt Ion:120 Resp: 1045573
Ion Ratio Lower Upper
120 100
91 462.3 345.9 518.9





#65
tert-Butylbenzene
Concen: 9.765 ppbv
RT: 16.072 min Scan# 4196
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

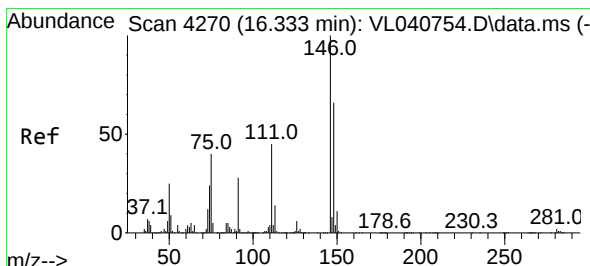
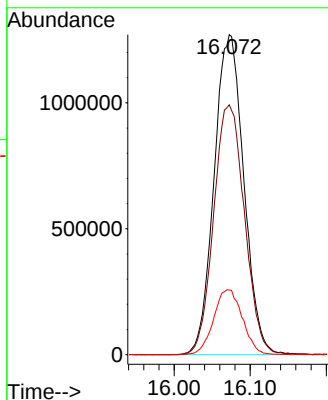
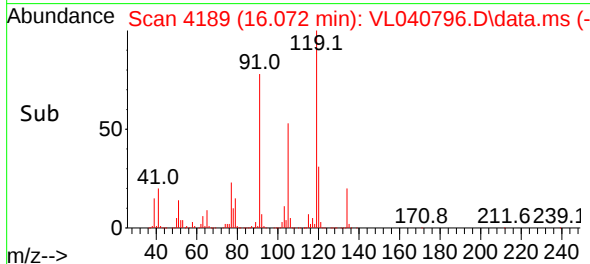
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



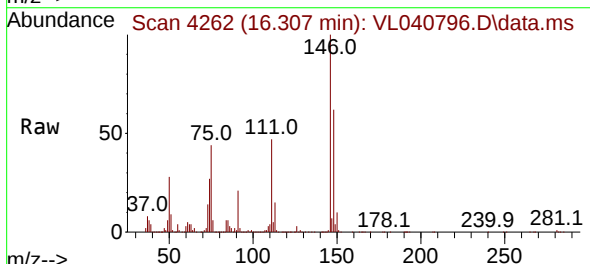
Tgt Ion: 119 Resp: 344167
Ion Ratio Lower Upper
119 100
91 81.5 62.2 93.2
134 19.8 16.1 24.1

Manual Integrations
APPROVED

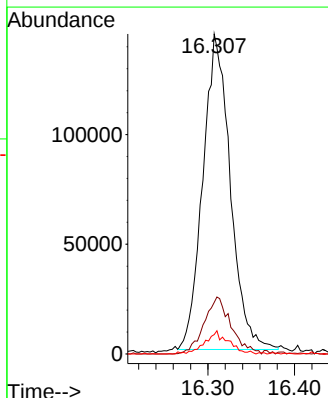
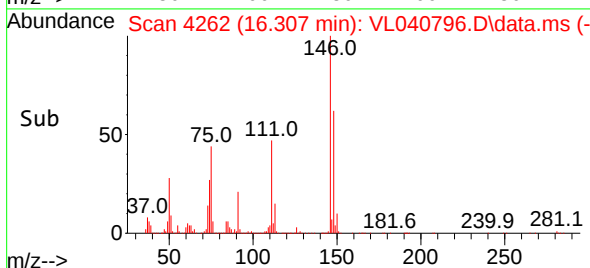
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

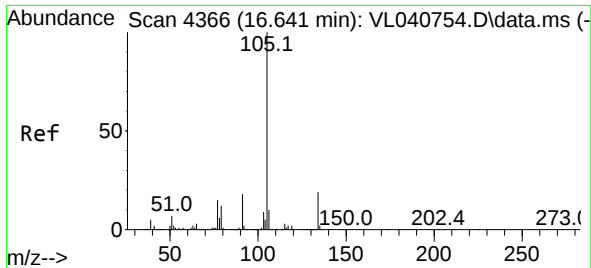


#66
Benzyl Chloride
Concen: 8.921 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. -0.026 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



Tgt Ion: 91 Resp: 316778
Ion Ratio Lower Upper
91 100
126 17.9 16.1 24.1
128 6.5 5.2 7.8





#67

sec-Butylbenzene

Concen: 10.105 ppbv

RT: 16.616 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion:105 Resp: 487624

Ion Ratio Lower Upper

105 100

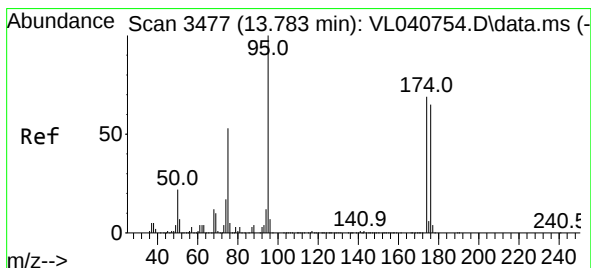
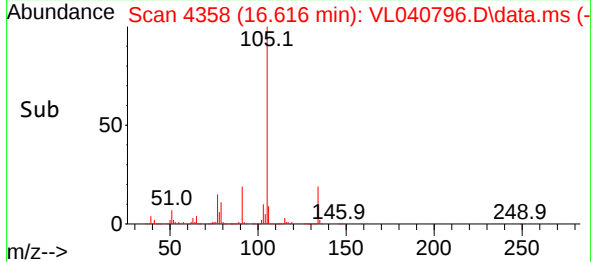
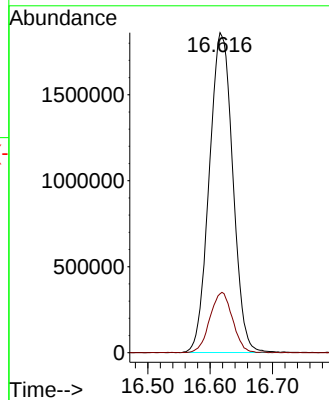
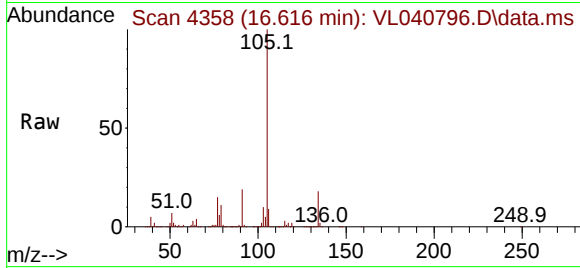
134 18.3 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 10.217 ppbv

RT: 13.757 min Scan# 3469

Delta R.T. -0.026 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

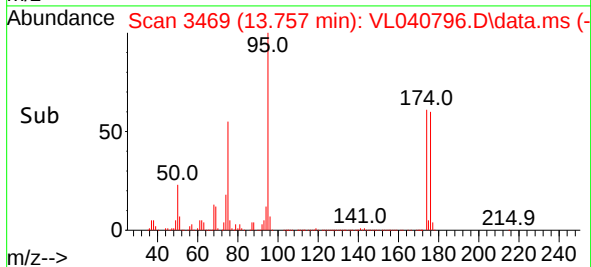
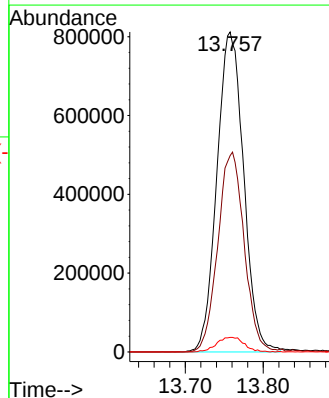
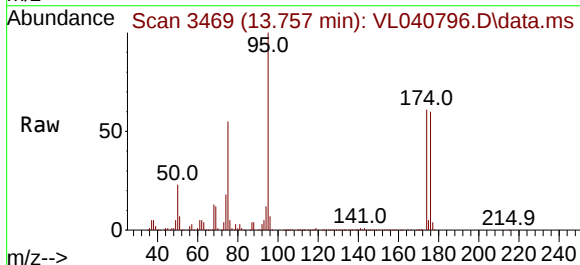
Tgt Ion: 95 Resp: 1934014

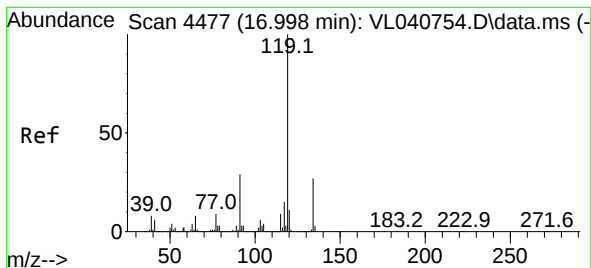
Ion Ratio Lower Upper

95 100

174 62.3 54.7 82.1

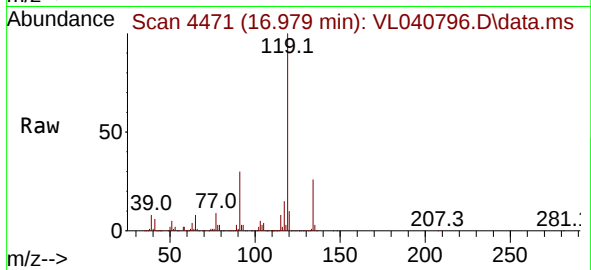
175 4.8 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.981 ppbv
RT: 16.979 min Scan# 4477
Delta R.T. -0.019 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

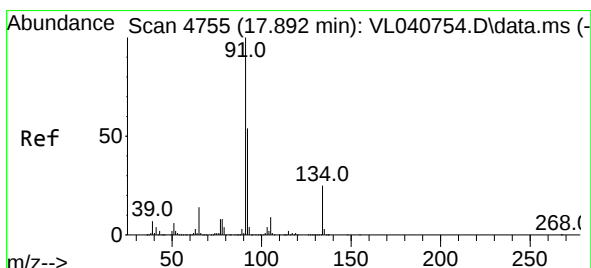
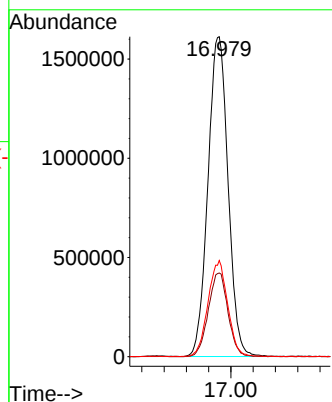
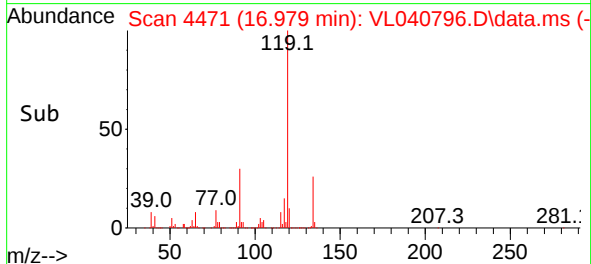
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



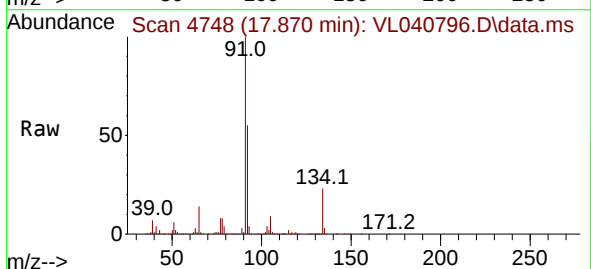
Tgt Ion:119 Resp: 403574
Ion Ratio Lower Upper
119 100
134 25.8 21.0 31.4
91 29.4 22.8 34.2

Manual Integrations
APPROVED

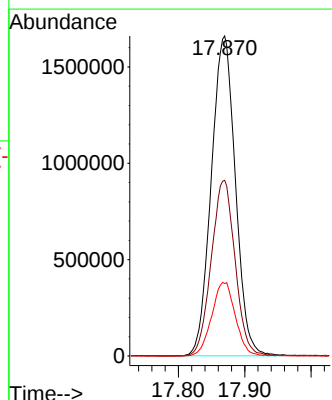
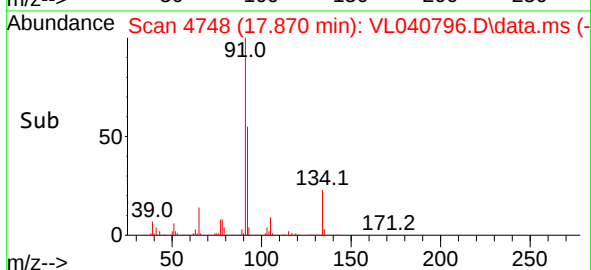
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

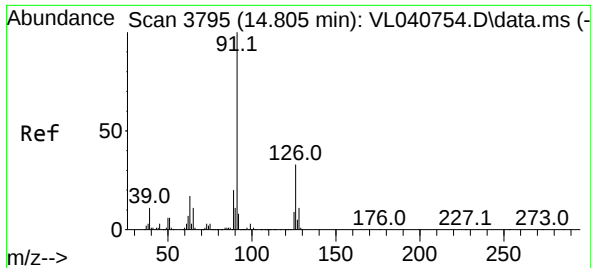


#70
n-Butylbenzene
Concen: 10.558 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



Tgt Ion: 91 Resp: 4191821
Ion Ratio Lower Upper
91 100
92 54.4 44.1 66.1
134 22.7 19.5 29.3





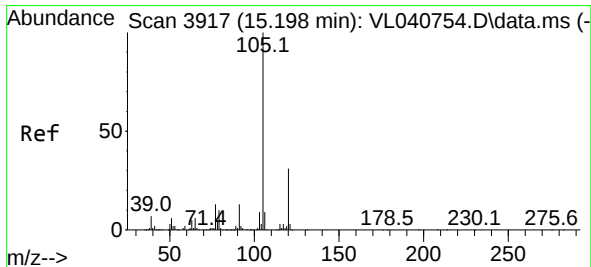
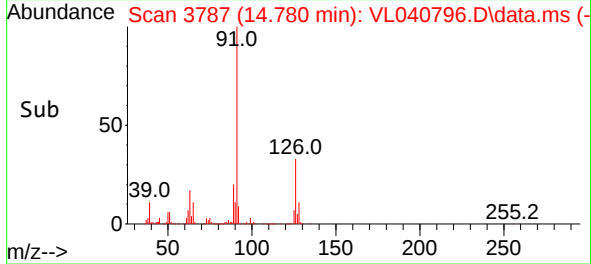
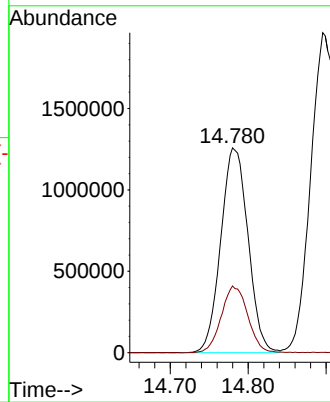
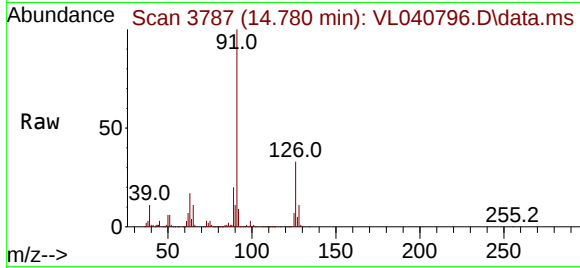
#71
2-Chlorotoluene
Concen: 10.427 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 91 Resp: 306050
Ion Ratio Lower Upper
91 100
126 31.6 13.3 53.1

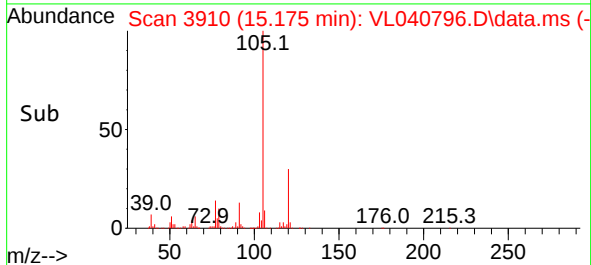
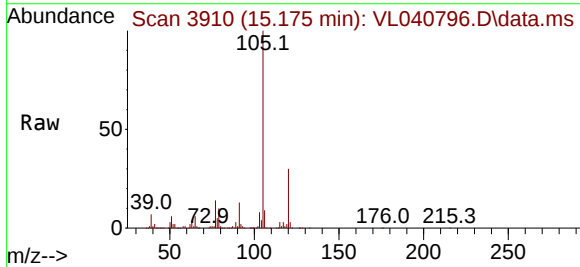
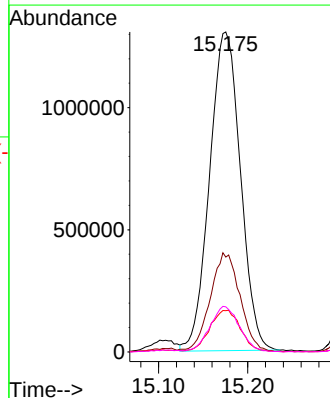
Manual Integrations
APPROVED

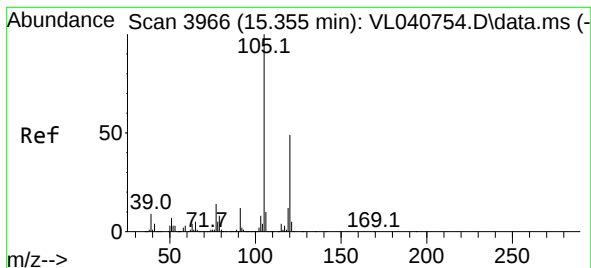
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#72
4-Ethyltoluene
Concen: 10.546 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

Tgt Ion:105 Resp: 3136819
Ion Ratio Lower Upper
105 100
120 31.3 25.0 37.4
91 12.9 9.8 14.8
77 14.4 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 10.326 ppbv

RT: 15.333 min Scan# 3966

Delta R.T. -0.022 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion:105 Resp: 270414

Ion Ratio Lower Upper

105 100

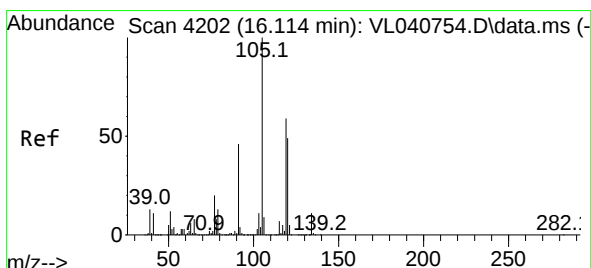
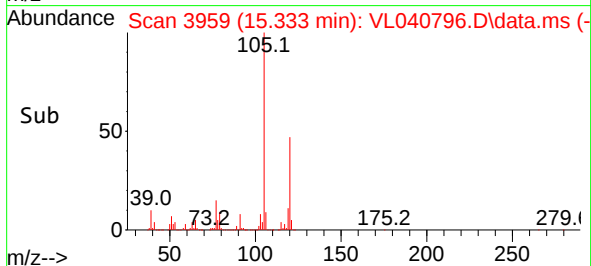
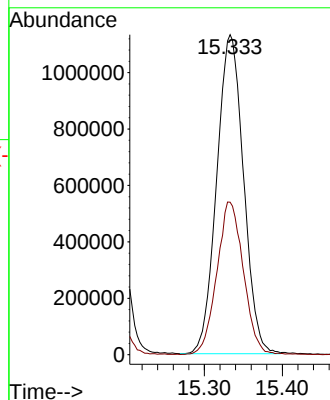
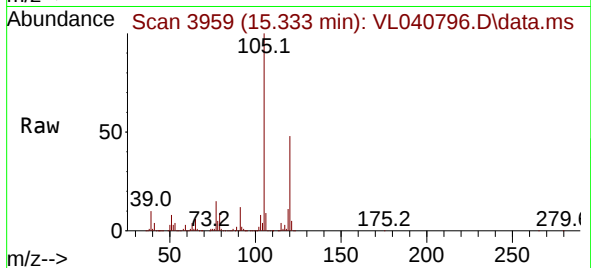
120 47.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.276 ppbv

RT: 16.088 min Scan# 4194

Delta R.T. -0.026 min

Lab File: VL040796.D

Acq: 25 Oct 2023 11:33

Tgt Ion:105 Resp: 2940227

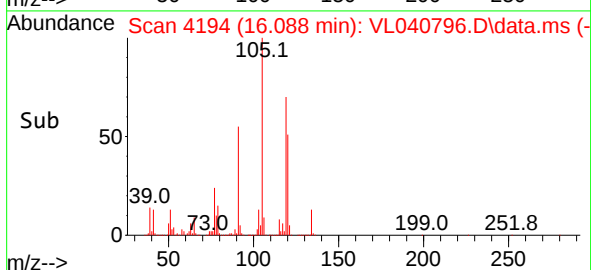
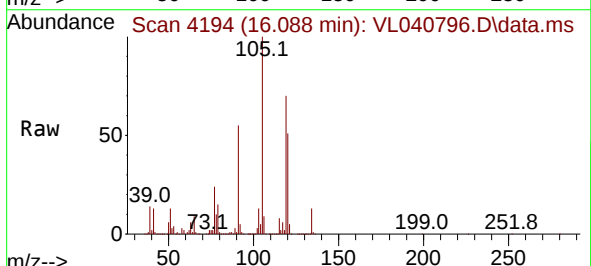
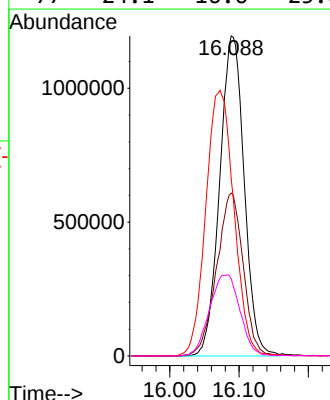
Ion Ratio Lower Upper

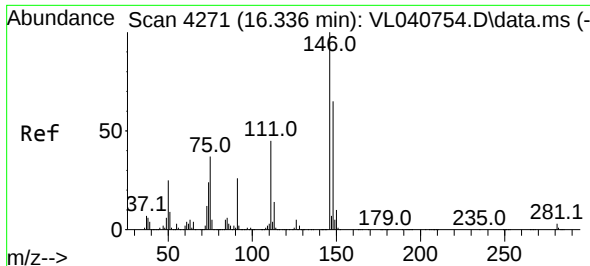
105 100

120 50.9 39.4 59.2

91 54.9 38.6 58.0

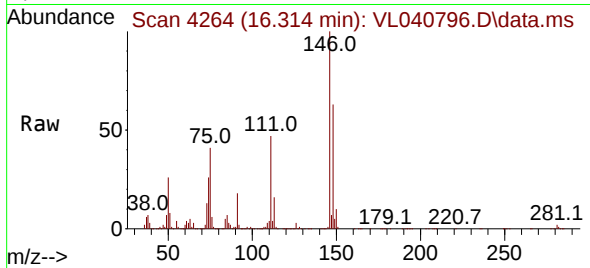
77 24.1 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 9.950 ppbv
RT: 16.314 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

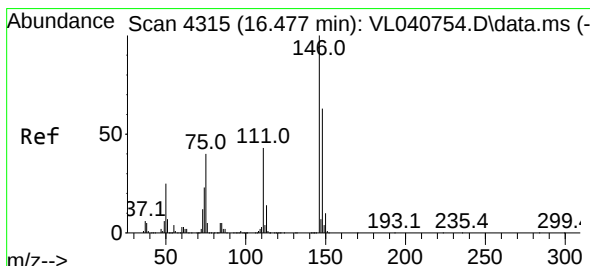
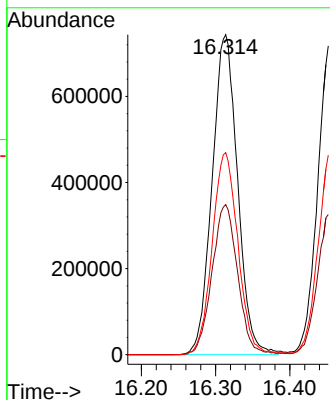
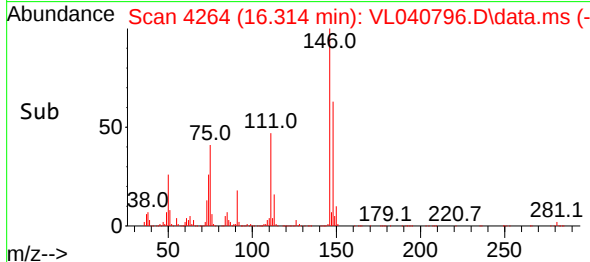
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



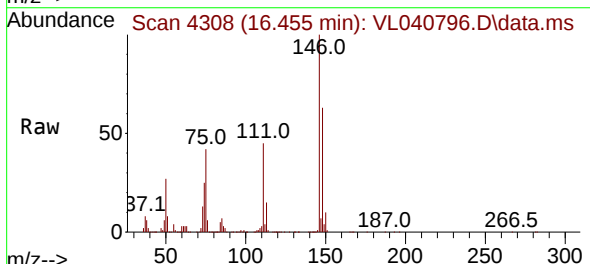
Tgt Ion:146 Resp: 177064
Ion Ratio Lower Upper
146 100
111 47.4 22.6 67.7
148 64.0 32.4 97.0

Manual Integrations
APPROVED

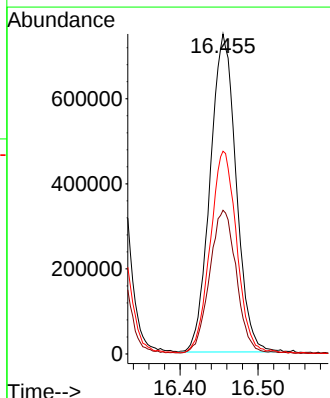
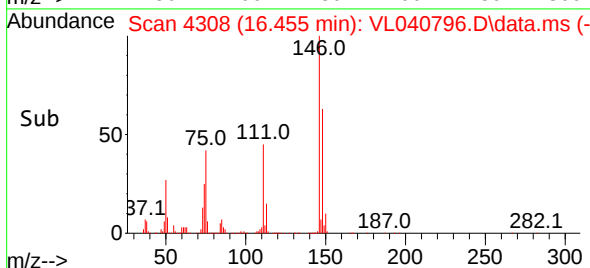
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

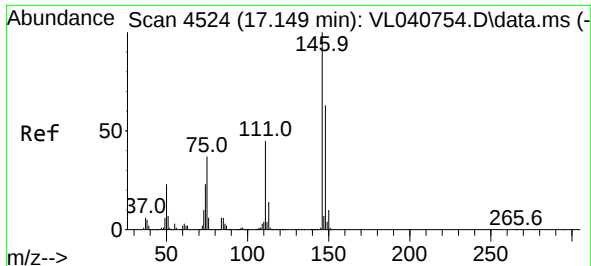


#76
1,4-Dichlorobenzene
Concen: 9.832 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



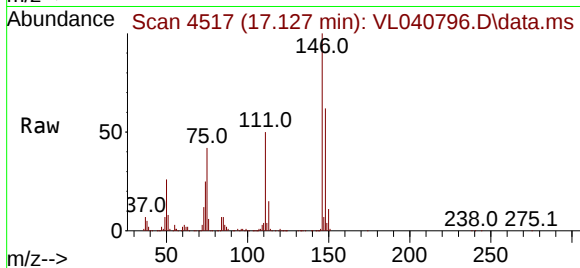
Tgt Ion:146 Resp: 1732761
Ion Ratio Lower Upper
146 100
111 46.8 22.0 66.0
148 66.0 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 9.728 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. -0.022 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

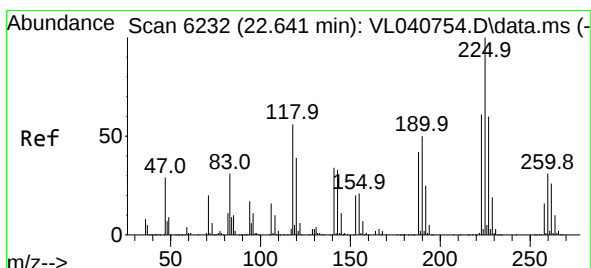
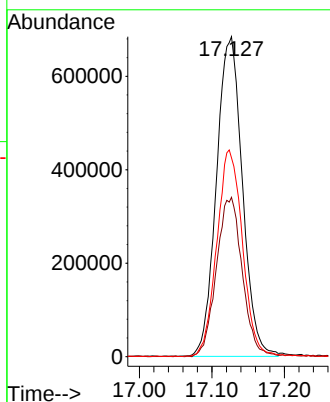
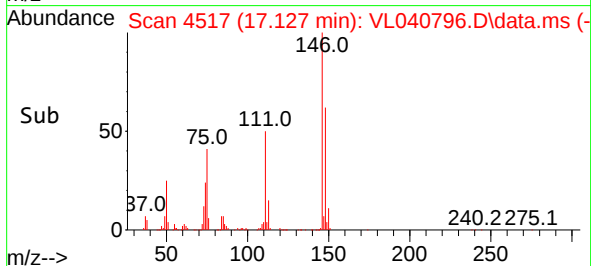
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



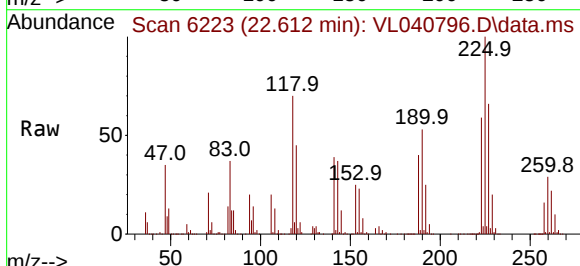
Tgt Ion:146 Resp: 169856
Ion Ratio Lower Upper
146 100
111 50.1 22.9 68.8
148 64.4 32.3 96.8

Manual Integrations
APPROVED

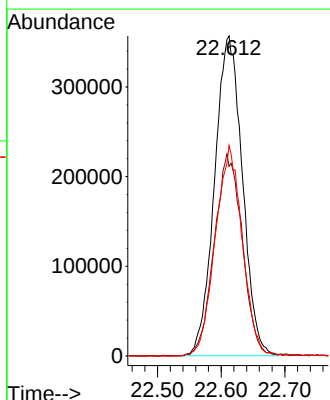
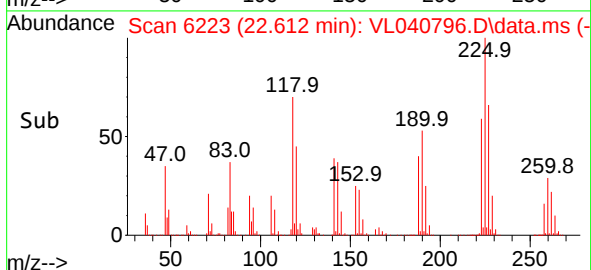
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

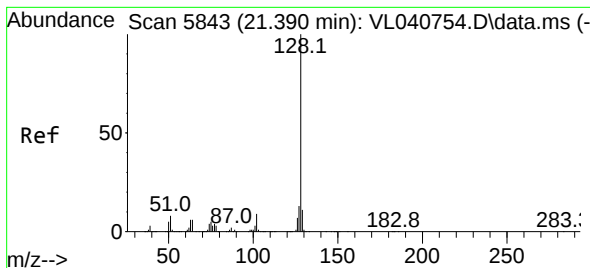


#78
Hexachloro-1,3-Butadiene
Concen: 8.676 ppbv
RT: 22.612 min Scan# 6223
Delta R.T. -0.029 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



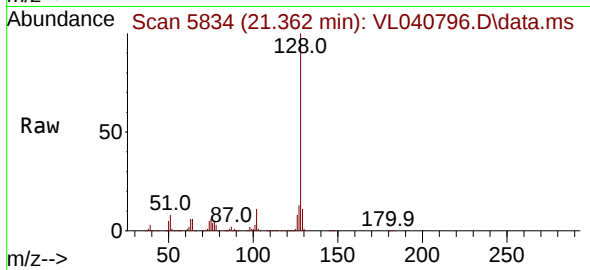
Tgt Ion:225 Resp: 1083893
Ion Ratio Lower Upper
225 100
223 63.5 50.7 76.1
227 64.2 51.4 77.0





#79
Naphthalene
Concen: 11.532 ppbv
RT: 21.362 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33

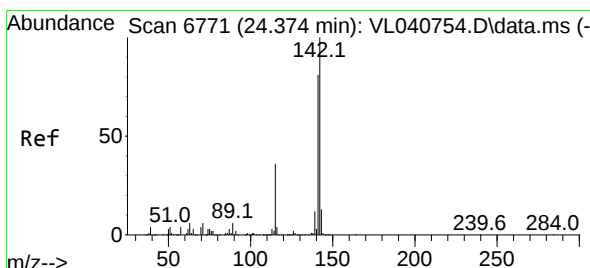
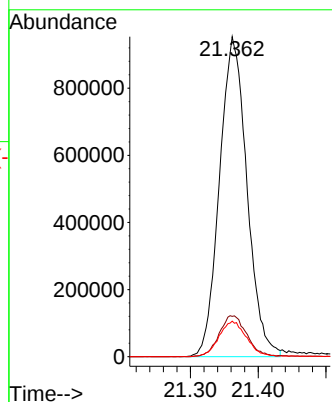
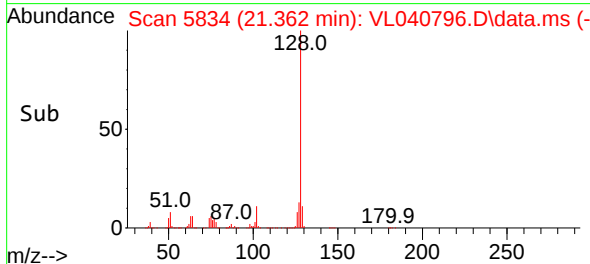
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



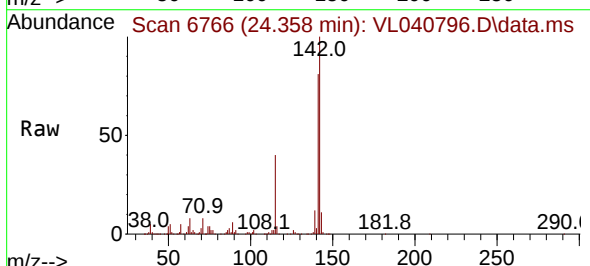
Tgt Ion:128 Resp: 2682184
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.1 9.0 13.4

Manual Integrations
APPROVED

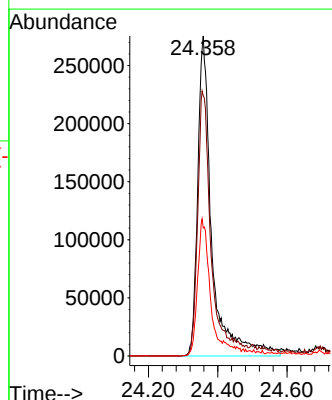
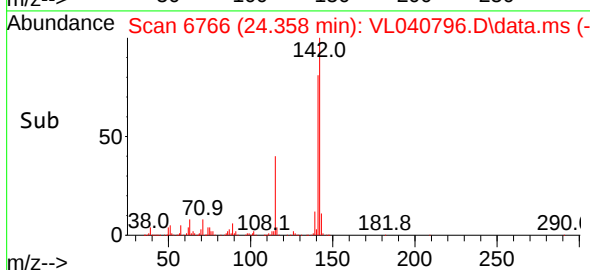
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

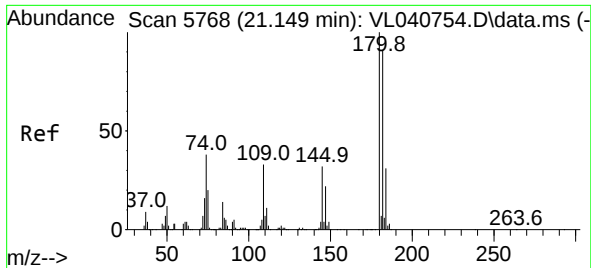


#80
Naphthalene,2-methyl-
Concen: 12.041 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.016 min
Lab File: VL040796.D
Acq: 25 Oct 2023 11:33



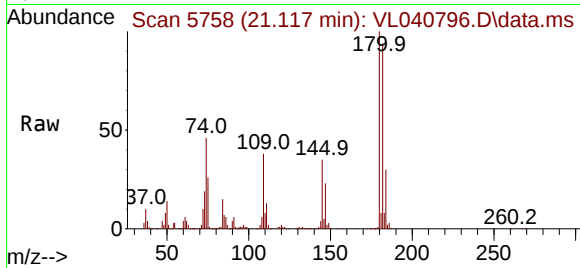
Tgt Ion:142 Resp: 785917
Ion Ratio Lower Upper
142 100
141 85.1 66.3 99.5
115 40.6 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.489 ppbv
 RT: 21.117 min Scan# 51
 Delta R.T. -0.032 min
 Lab File: VL040796.D
 Acq: 25 Oct 2023 11:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01



Tgt Ion:180 Resp: 1324519
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.9 116.9
 184 31.4 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

