

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040669.D
 Acq On : 7 Sep 2023 12:09
 Operator : SY/MD
 Sample : VL0907ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 07 13:09:11 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1009750	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2633286	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2579722	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2201631 10.731 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	2296012	10.557	ppbv	98
3) Chlorodifluoromethane	2.665	51	1649029	9.946	ppbv	96
4) Chloromethane	2.803	50	636797	9.848	ppbv	99
5) Vinyl Chloride	2.912	62	697440	10.158	ppbv	95
6) Bromomethane	3.112	94	384292	10.676	ppbv	99
7) Chloroethane	3.189	64	261903	10.456	ppbv	94
8) Dichlorotetrafluoroethane	2.848	85	1846938	10.492	ppbv	98
9) Propene	2.684	41	470664	9.162	ppbv	99
10) Heptane	7.584	43	1209542	10.225	ppbv	99
11) Trichlorofluoromethane	3.555	101	2010846	11.453	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.060	101	1451831	11.140	ppbv	99
13) Ethanol	3.234	45	78038	5.443	ppbv	76
14) Bromoethene	3.359	108	603252	11.399	ppbv	98
15) Acetone	3.459	43	1279924	10.363	ppbv	100
16) 1,3-Butadiene	2.976	39	646914	10.532	ppbv	99
17) tert-Butyl alcohol	3.874	59	1331956	10.169	ppbv	100
18) 1,1-Dichloroethene	3.874	96	648946	10.988	ppbv	96
19) Isopropyl Alcohol	3.568	45	739140	9.438	ppbv	100
20) Methylene Chloride	3.925	84	543709	9.008	ppbv	97
21) Allyl Chloride	3.993	41	862199	10.554	ppbv	96
22) trans-1,2-Dichloroethene	4.443	96	653494	11.272	ppbv	98
23) Vinyl Acetate	4.623	43	1489499	10.584	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1284409	10.672	ppbv	99
25) Ethyl Acetate	5.205	43	2261165	9.748	ppbv	99
26) Hexane	5.211	57	990170	8.823	ppbv	96
27) Carbon Disulfide	4.118	76	1620677	12.130	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	908784	10.474	ppbv	99
29) Chloroform	5.275	83	1798915	10.127	ppbv	97
30) Cyclohexane	6.603	84	810855	9.443	ppbv	97
31) cis-1,2-Dichloroethene	5.076	61	1032966	10.199	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1860390	10.937	ppbv	99
34) 2-Butanone	4.783	43	1361753	10.255	ppbv	98
35) Carbon Tetrachloride	6.497	117	1962171	11.909	ppbv	99
36) Benzene	6.372	78	2053800	9.804	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1394002	11.033	ppbv	98
38) Trichloroethene	7.295	130	872813	10.760	ppbv	96
39) 1,2-Dichloropropane	7.076	63	793752	9.959	ppbv	96
40) 1,4-Dioxane	7.291	88	256205	8.485	ppbv #	1
41) Tetrahydrofuran	5.555	42	720534	9.600	ppbv	99
42) Bromodichloromethane	7.253	83	1976064	11.236	ppbv	99
43) Methyl Methacrylate	7.478	69	857972	10.938	ppbv	98
44) 2,2,4-Trimethylpentane	7.330	57	3406878	10.061	ppbv	96
45) t-1,3-Dichloropropene	8.719	75	819660	13.085	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040669.D
 Acq On : 7 Sep 2023 12:09
 Operator : SY/MD
 Sample : VL0907ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 07 13:09:11 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

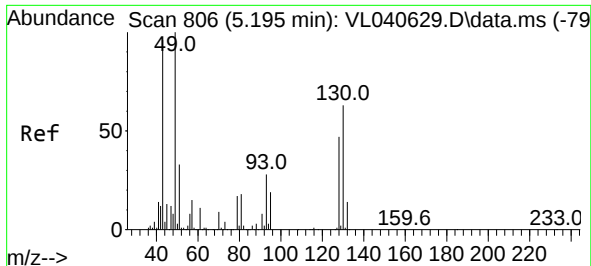
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

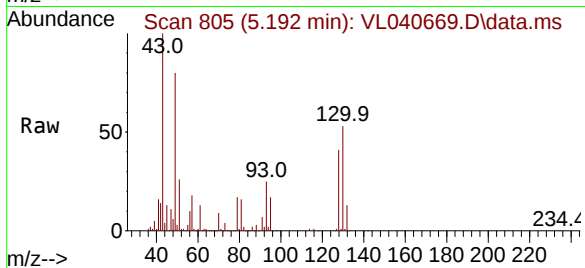
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	938484	12.282	ppbv	92
47) 1,1,2-Trichloroethane	8.906	97	905361	10.056	ppbv	97
48) Dibromochloromethane	9.719	129	1668621	11.843	ppbv	99
49) Bromoform	12.420	173	1407915	12.472	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2075741	10.700	ppbv	99
51) 2-Hexanone	9.558	43	1558574	11.402	ppbv #	97
52) Tetrachloroethene	10.626	164	757376	11.544	ppbv	97
53) Toluene	9.227	91	2456376	11.034	ppbv	100
54) 1,2-Dibromoethane	10.015	107	1339004	11.681	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.516	131	1245511	10.435	ppbv	97
57) Chlorobenzene	11.536	112	2013105	10.111	ppbv	98
58) Ethyl Benzene	12.098	91	3406479	10.951	ppbv	99
59) m/p-Xylene	12.381	91	6129141m	21.599	ppbv	
60) o-Xylene	13.069	91	2997831	11.146	ppbv	99
61) Styrene	12.909	104	1434496	12.172	ppbv	98
62) Isopropylbenzene	14.040	105	4297953	10.559	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	2136353	10.606	ppbv	98
64) n-propylbenzene	14.921	120	1116581	10.854	ppbv	98
65) tert-Butylbenzene	16.098	119	3899268	11.053	ppbv	99
66) Benzyl Chloride	16.333	91	505253	11.389	ppbv	100
67) sec-Butylbenzene	16.645	105	5452985	10.594	ppbv	100
69) p-Isopropyltoluene	17.005	119	4455958	11.064	ppbv	99
70) n-Butylbenzene	17.895	91	4854509	11.040	ppbv	100
71) 2-Chlorotoluene	14.809	91	3348208	11.086	ppbv	99
72) 4-Ethyltoluene	15.201	105	3457213	11.386	ppbv	100
73) 1,3,5-Trimethylbenzene	15.362	105	2979589	10.978	ppbv	98
74) 1,2,4-Trimethylbenzene	16.117	105	3456937	10.906	ppbv	100
75) 1,3-Dichlorobenzene	16.339	146	1961340	10.702	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1888430	10.540	ppbv	98
77) 1,2-Dichlorobenzene	17.153	146	1883562	10.446	ppbv	99
78) Hexachloro-1,3-Butadiene	22.645	225	1338043	9.781	ppbv	99
79) Naphthalene	21.394	128	2827509	13.507	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	867321	14.398	ppbv	96
81) 1,2,4-Trichlorobenzene	21.153	180	1567337	11.375	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

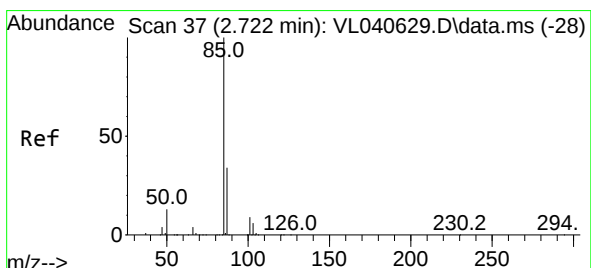
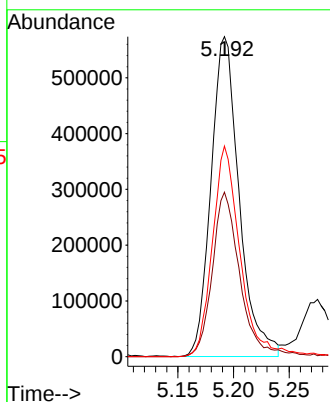
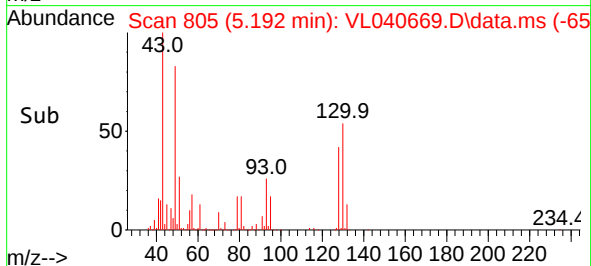
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



Tgt Ion: 49 Resp: 1009750
Ion Ratio Lower Upper
49 100
128 51.3 24.9 74.7
130 65.9 32.2 96.6

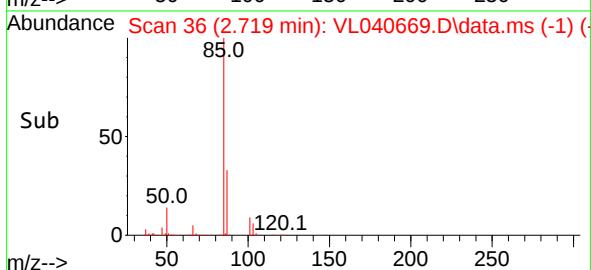
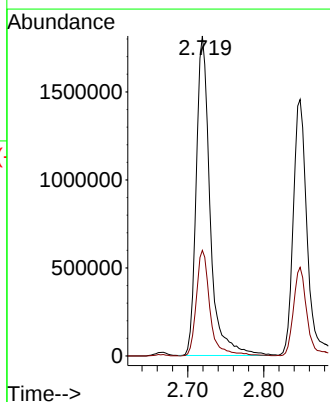
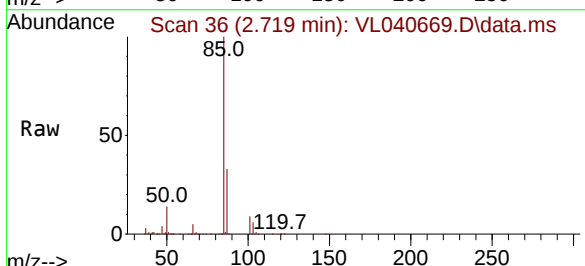
Manual Integrations
APPROVED

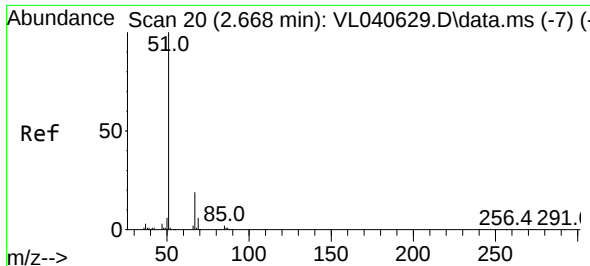
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#2
Dichlorodifluoromethane
Concen: 10.557 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

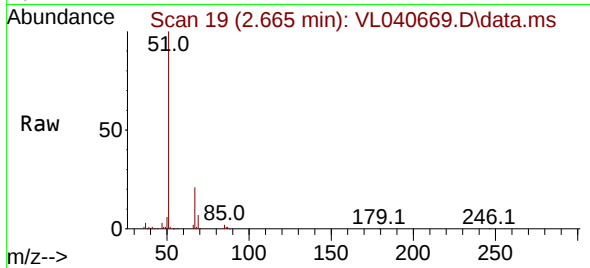
Tgt Ion: 85 Resp: 2296012
Ion Ratio Lower Upper
85 100
87 33.0 27.5 41.3





#3
Chlorodifluoromethane
Concen: 9.946 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

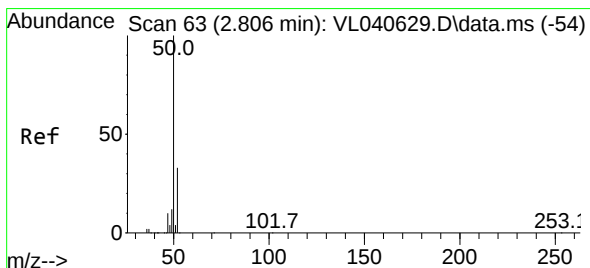
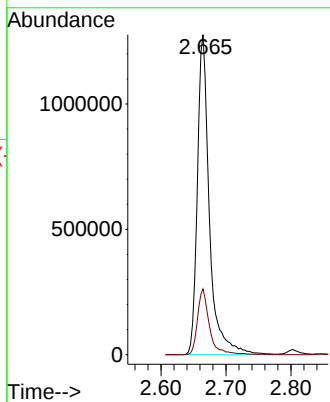
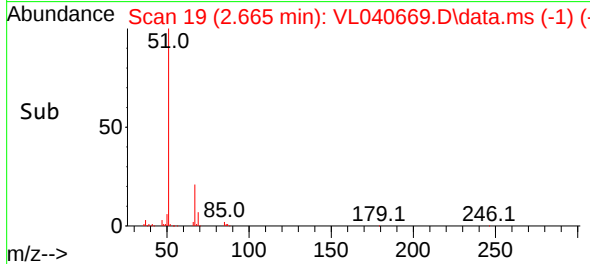
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



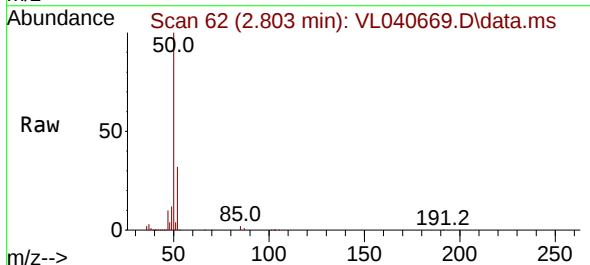
Tgt Ion: 51 Resp: 1649029
Ion Ratio Lower Upper
51 100
67 20.4 15.0 22.6

Manual Integrations
APPROVED

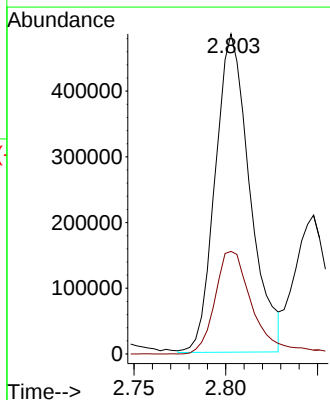
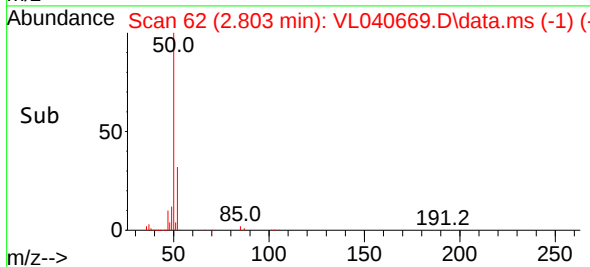
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

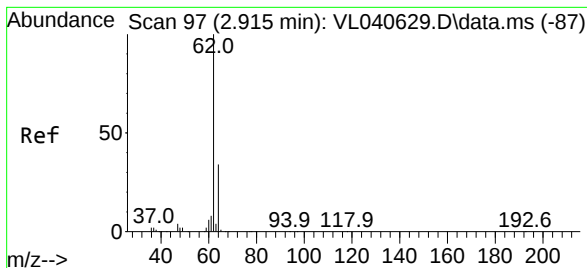


#4
Chloromethane
Concen: 9.848 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



Tgt Ion: 50 Resp: 636797
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2





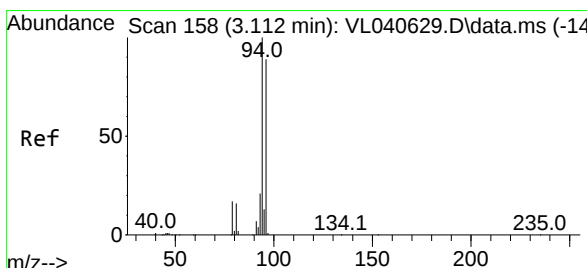
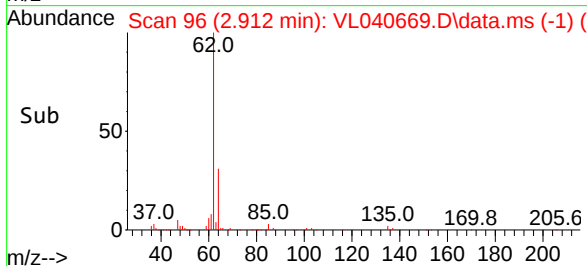
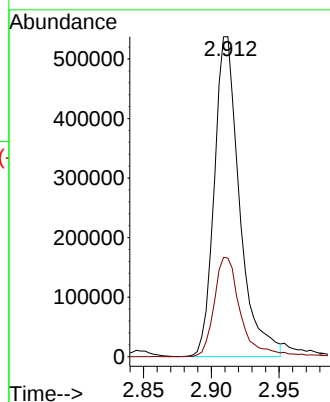
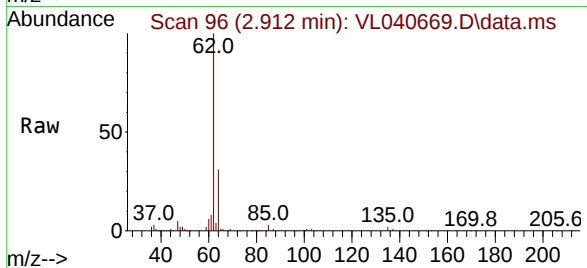
#5
 Vinyl Chloride
 Concen: 10.158 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

Tgt Ion: 62 Resp: 697440
 Ion Ratio Lower Upper
 62 100
 64 30.8 27.0 40.6

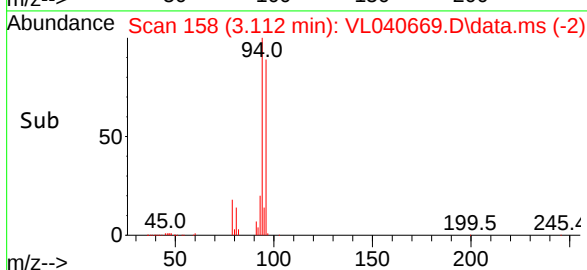
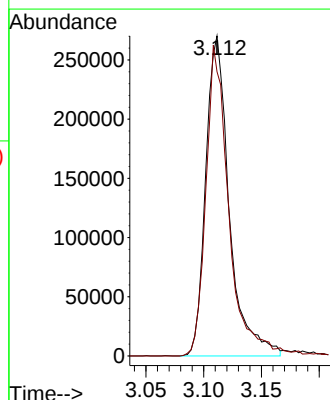
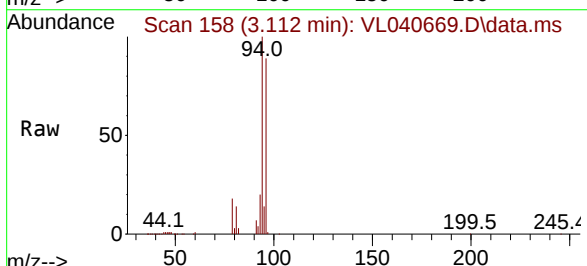
Manual Integrations
 APPROVED

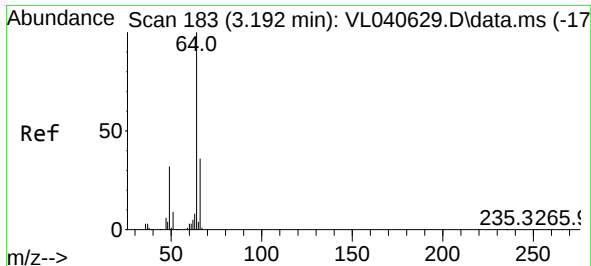
Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023



#6
 Bromomethane
 Concen: 10.676 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

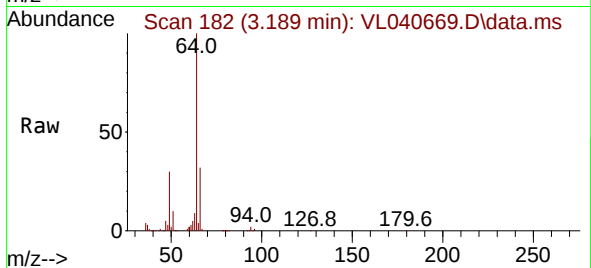
Tgt Ion: 94 Resp: 384292
 Ion Ratio Lower Upper
 94 100
 96 88.9 71.5 107.3





#7
Chloroethane
Concen: 10.456 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

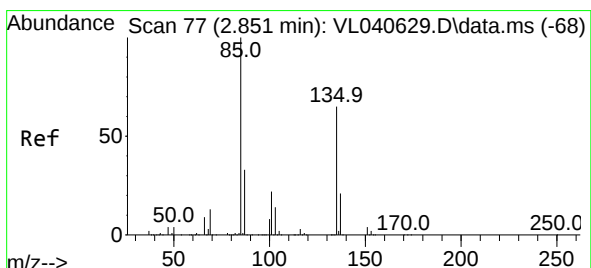
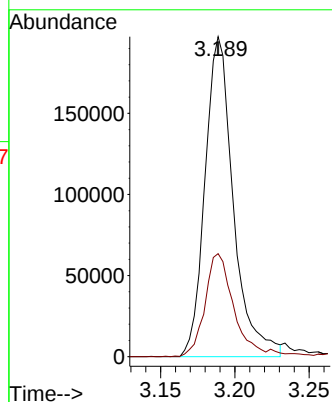
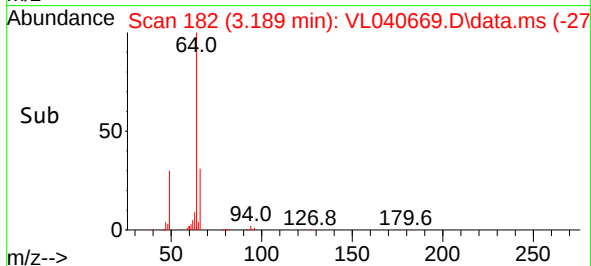
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



Tgt Ion: 64 Resp: 26190
Ion Ratio Lower Upper
64 100
66 32.2 28.7 43.1

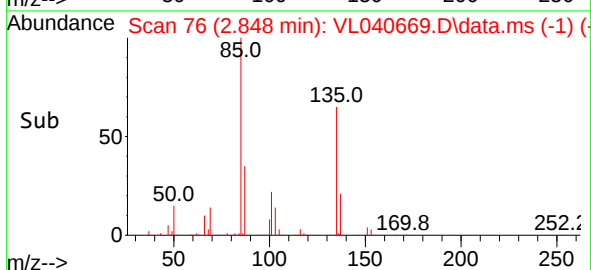
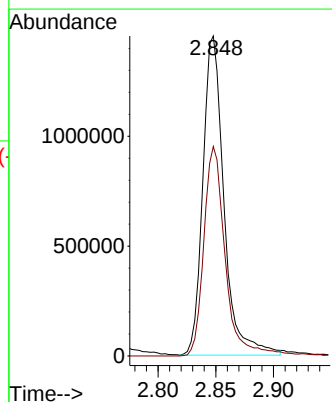
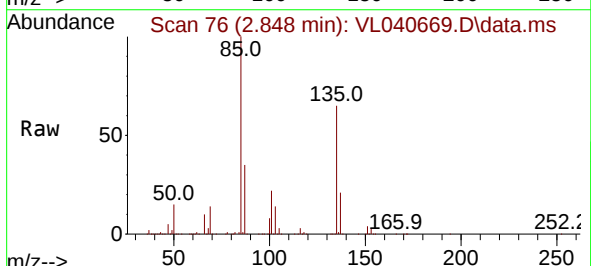
Manual Integrations
APPROVED

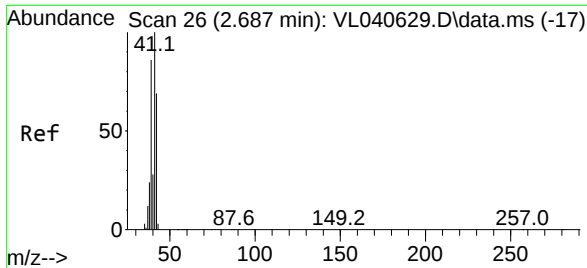
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#8
Dichlorotetrafluoroethane
Concen: 10.492 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

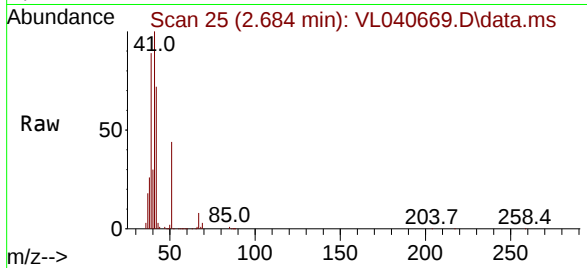
Tgt Ion: 85 Resp: 1846938
Ion Ratio Lower Upper
85 100
135 67.4 52.8 79.2





#9
 Propene
 Concen: 9.162 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

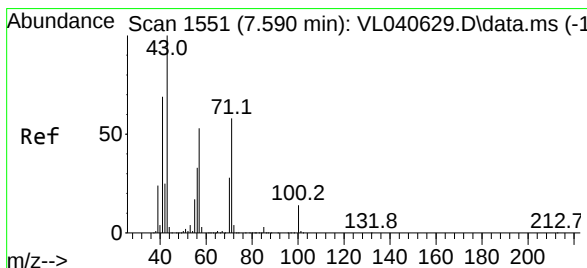
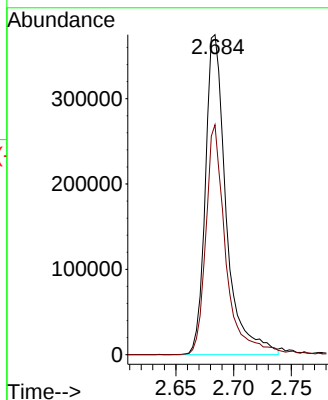
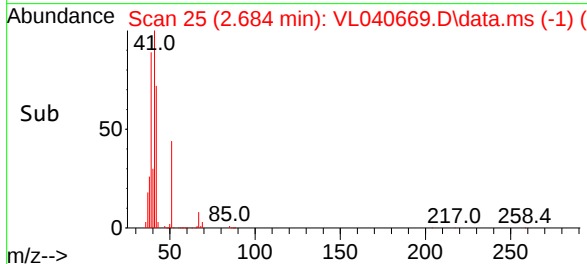
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01



Tgt Ion: 41 Resp: 470664
 Ion Ratio Lower Upper
 41 100
 42 69.9 56.5 84.7

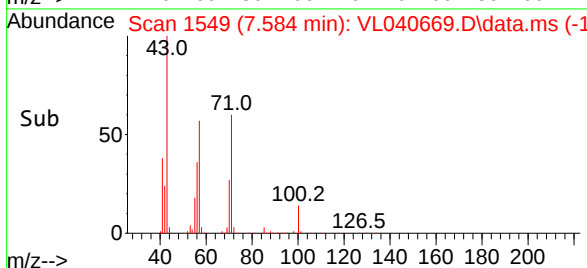
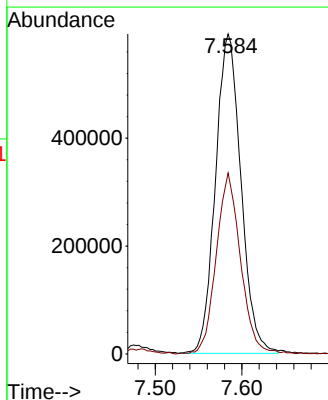
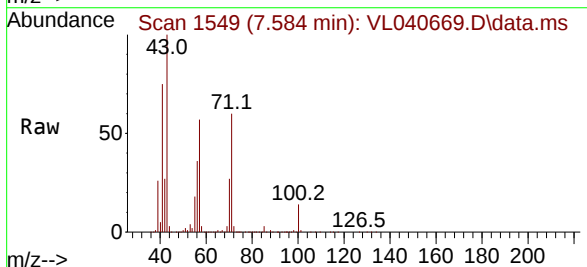
Manual Integrations
 APPROVED

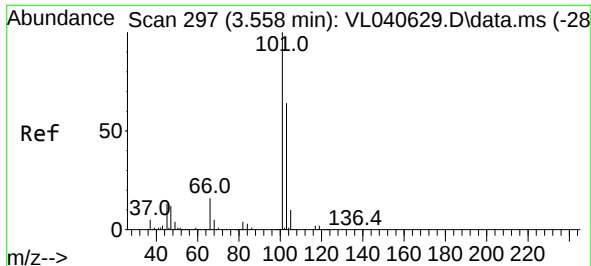
Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023



#10
 Heptane
 Concen: 10.225 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.006 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

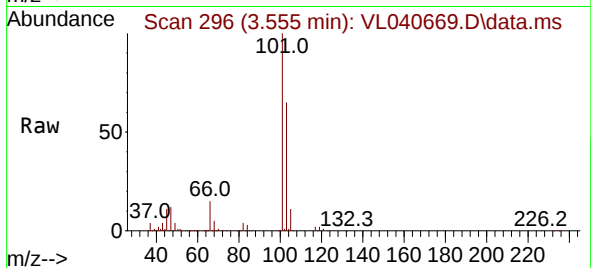
Tgt Ion: 43 Resp: 1209542
 Ion Ratio Lower Upper
 43 100
 57 53.6 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 11.453 ppbv
 RT: 3.555 min Scan# 297
 Delta R.T. -0.003 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

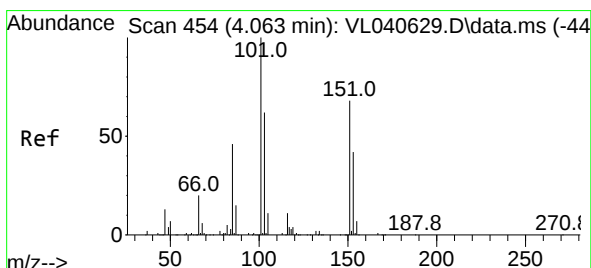
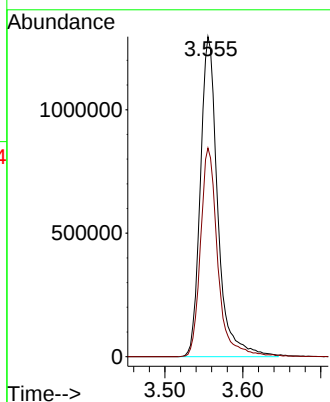
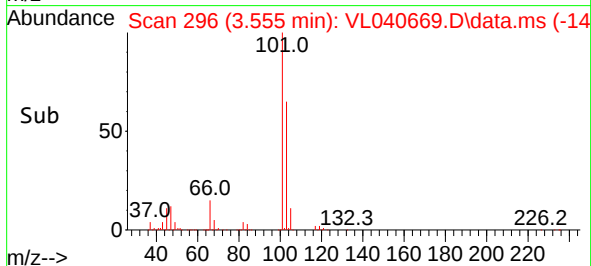
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01



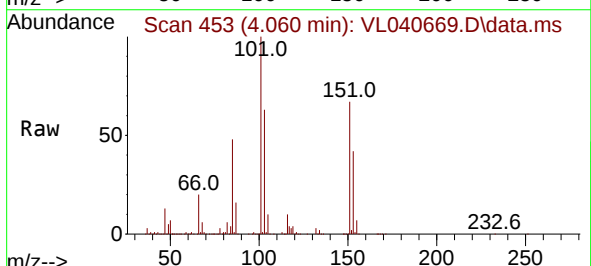
Tgt Ion:101 Resp: 201084
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.1 76.7

Manual Integrations
 APPROVED

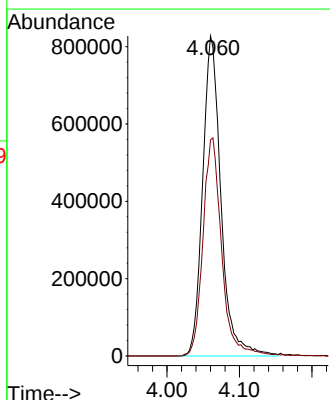
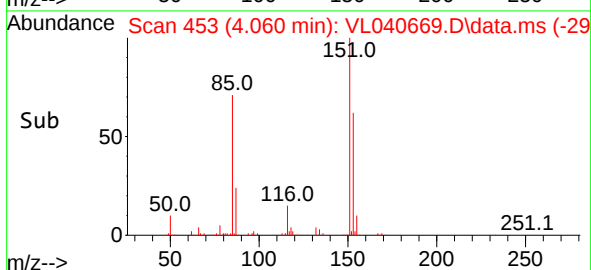
Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

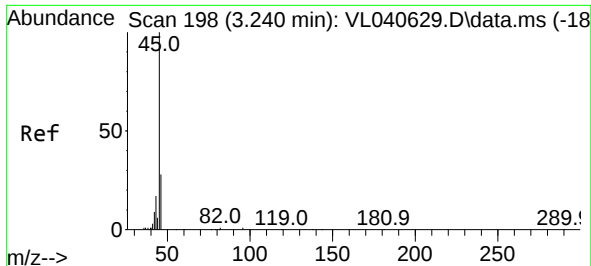


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.140 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.003 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09



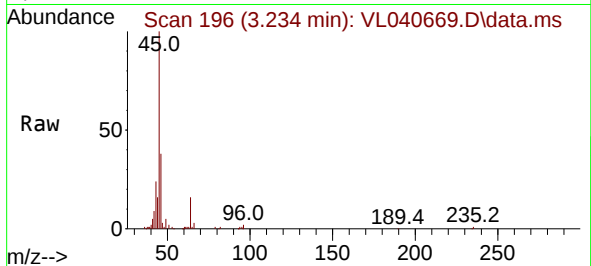
Tgt Ion:101 Resp: 1451831
 Ion Ratio Lower Upper
 101 100
 151 69.8 56.2 84.2





#13
Ethanol
Concen: 5.443 ppbv
RT: 3.234 min Scan# 198
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

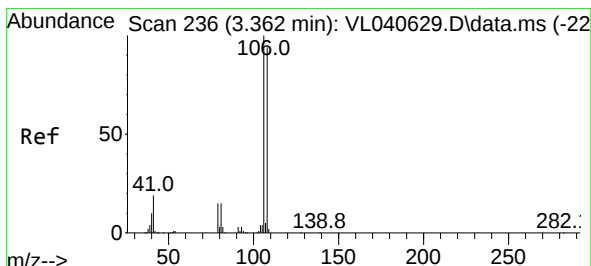
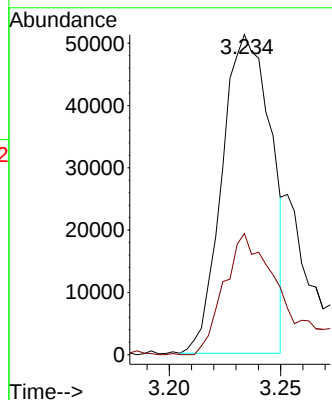
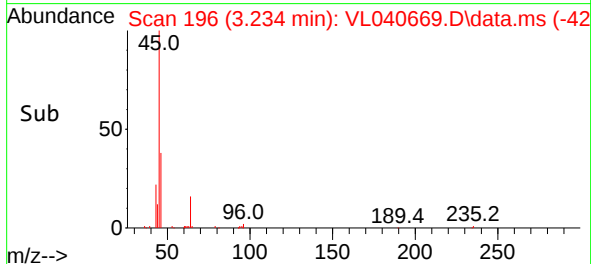
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



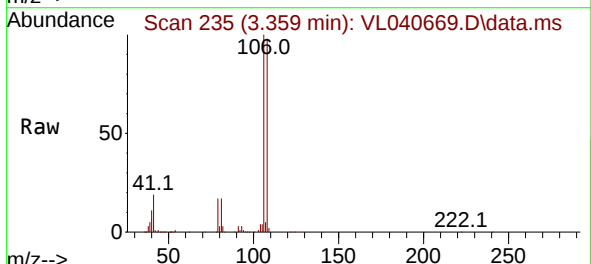
Tgt Ion: 45 Resp: 78038
Ion Ratio Lower Upper
45 100
46 49.5 14.2 56.6

Manual Integrations
APPROVED

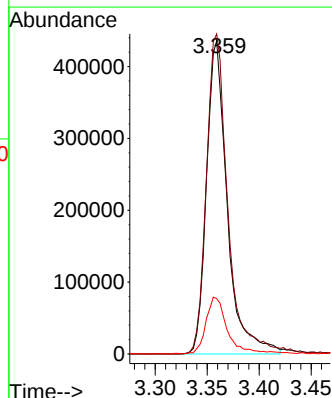
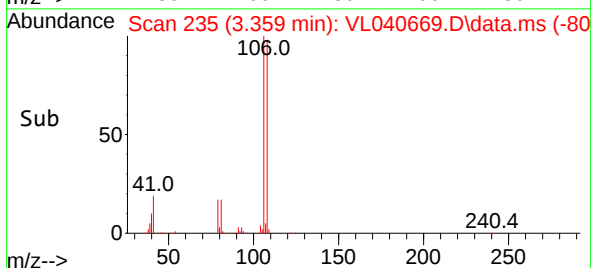
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

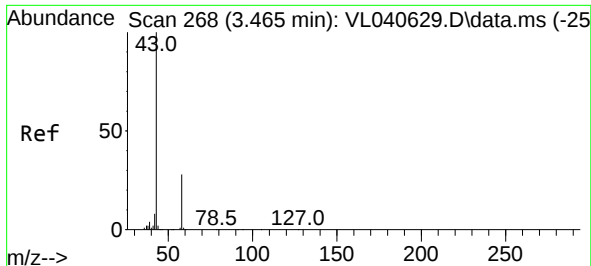


#14
Bromoethene
Concen: 11.399 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



Tgt Ion:108 Resp: 603252
Ion Ratio Lower Upper
108 100
106 107.0 87.3 130.9
79 19.4 14.4 21.6





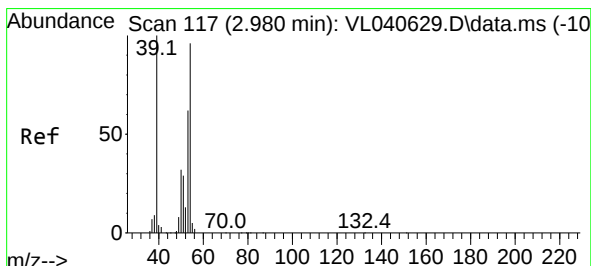
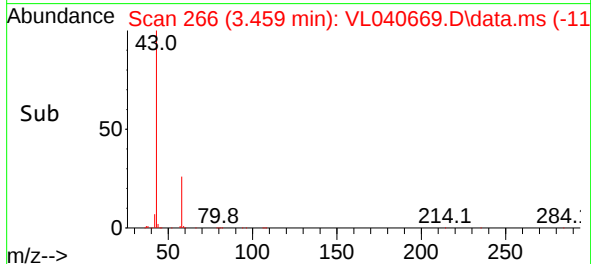
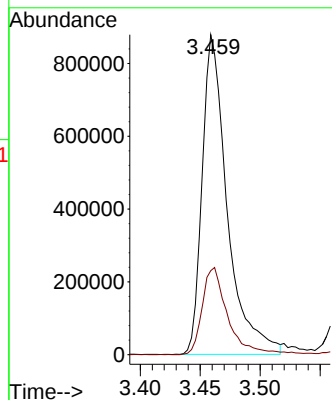
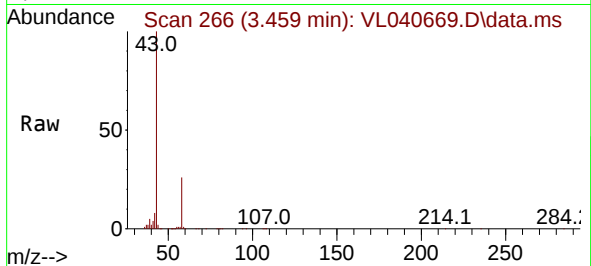
#15
Acetone
Concen: 10.363 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

Tgt Ion: 43 Resp: 1279924
Ion Ratio Lower Upper
43 100
58 28.1 22.4 33.6

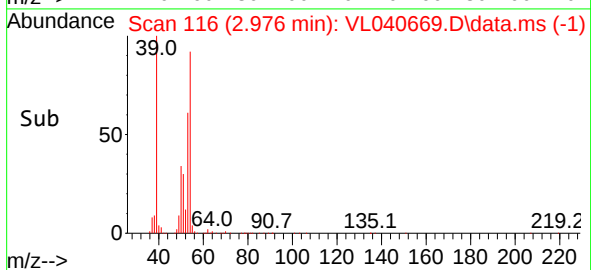
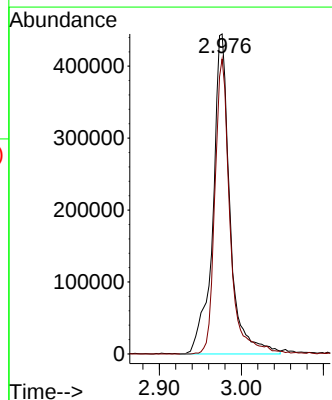
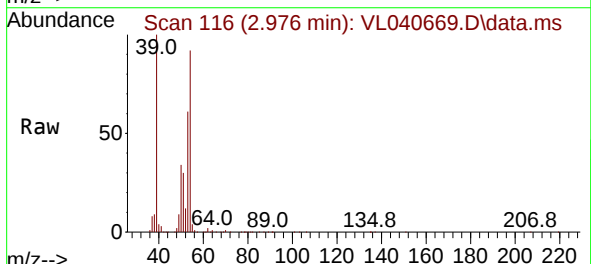
Manual Integrations
APPROVED

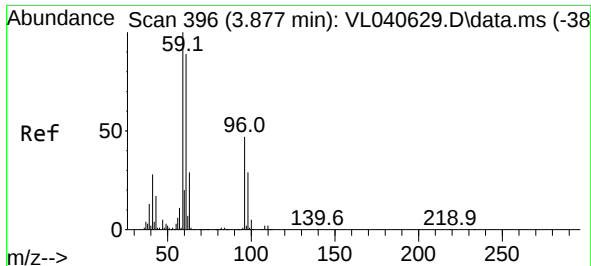
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#16
1,3-Butadiene
Concen: 10.532 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Tgt Ion: 39 Resp: 646914
Ion Ratio Lower Upper
39 100
54 82.0 66.6 99.8





#17

tert-Butyl alcohol

Concen: 10.169 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

Tgt Ion: 59 Resp: 133195

Ion Ratio Lower Upper

59 100

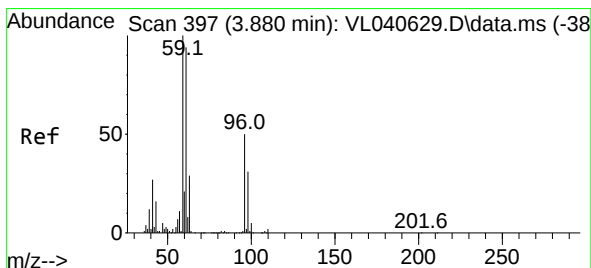
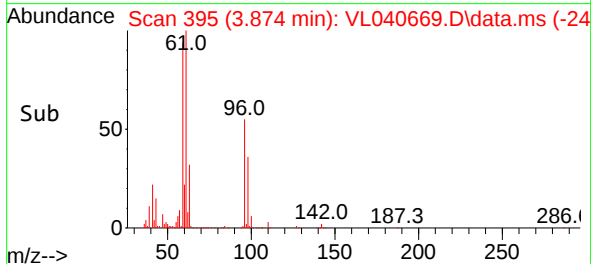
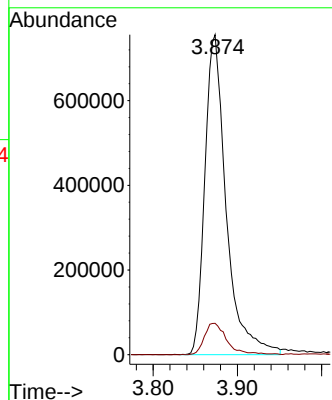
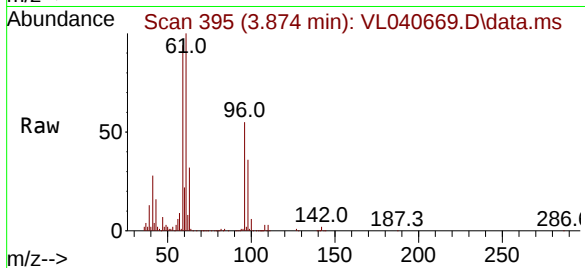
57 10.4 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#18

1,1-Dichloroethene

Concen: 10.988 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.006 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

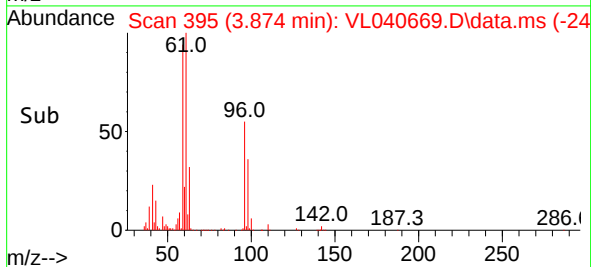
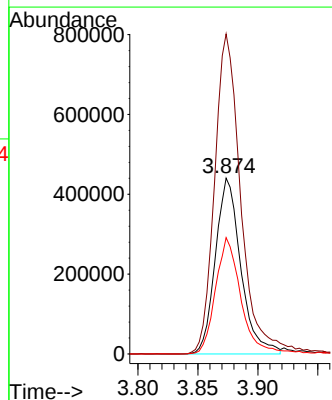
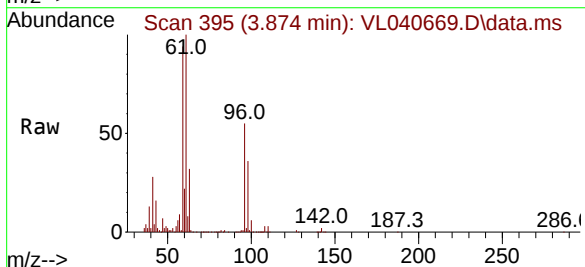
Tgt Ion: 96 Resp: 648946

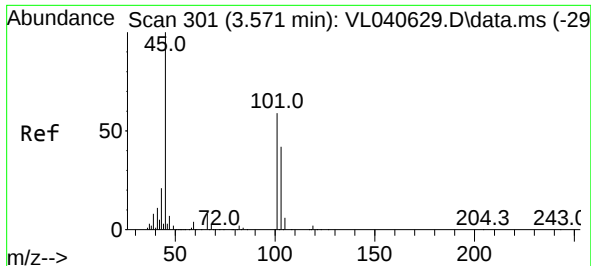
Ion Ratio Lower Upper

96 100

61 181.9 150.4 225.6

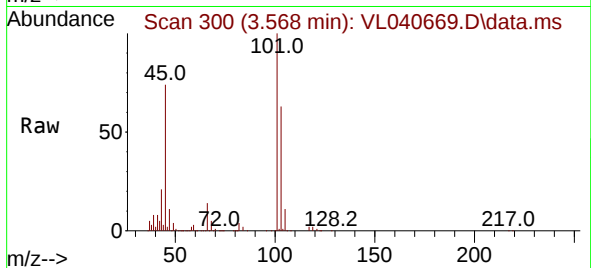
98 66.1 49.7 74.5





#19
Isopropyl Alcohol
Concen: 9.438 ppbv
RT: 3.568 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

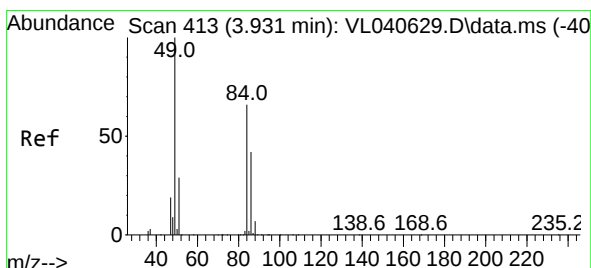
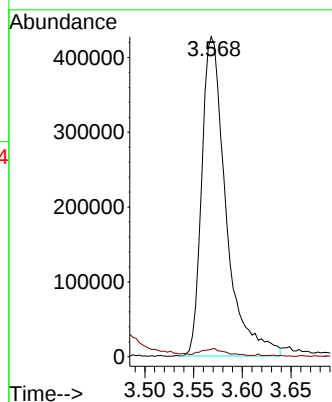
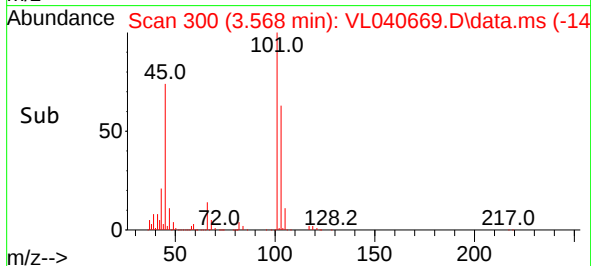
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



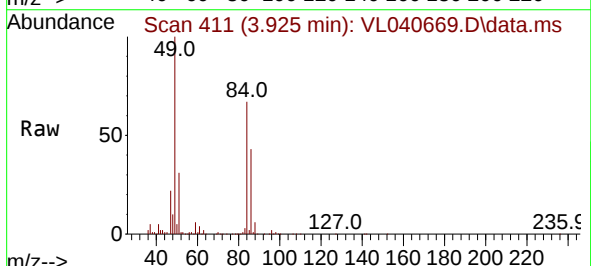
Tgt Ion: 45 Resp: 739140
Ion Ratio Lower Upper
45 100
58 2.4 1.9 2.9

Manual Integrations
APPROVED

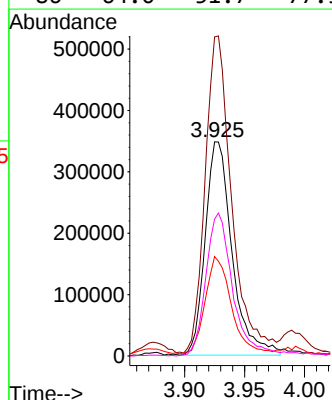
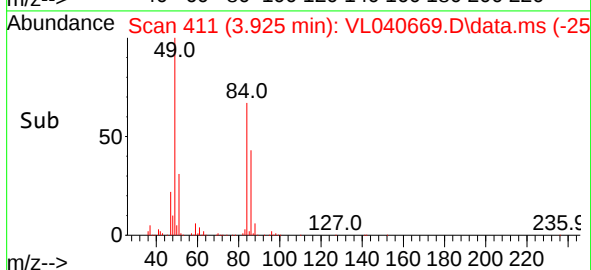
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

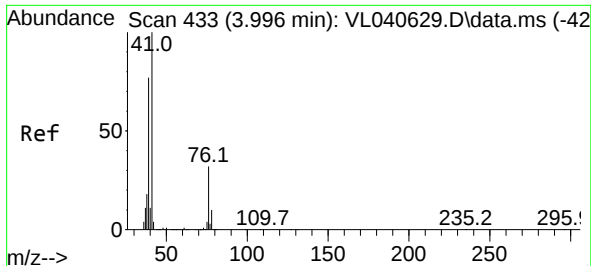


#20
Methylene Chloride
Concen: 9.008 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



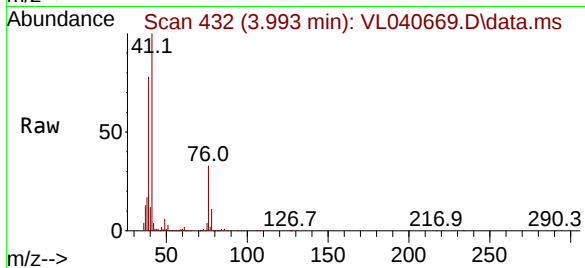
Tgt Ion: 84 Resp: 543709
Ion Ratio Lower Upper
84 100
49 147.8 122.1 183.1
51 45.6 35.4 53.2
86 64.0 51.7 77.5





#21
 Allyl Chloride
 Concen: 10.554 ppbv
 RT: 3.993 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

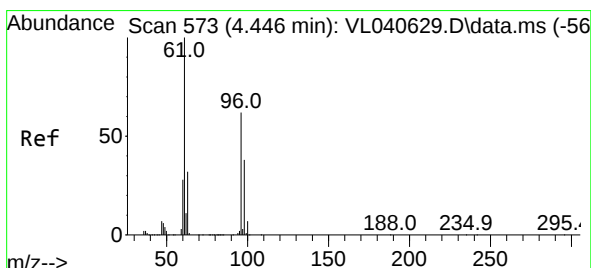
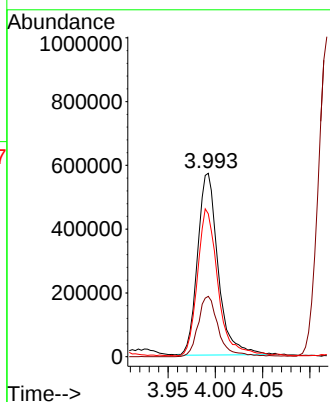
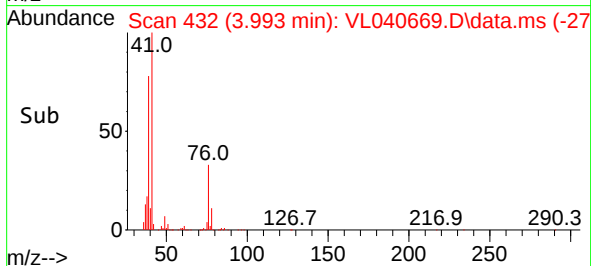
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01



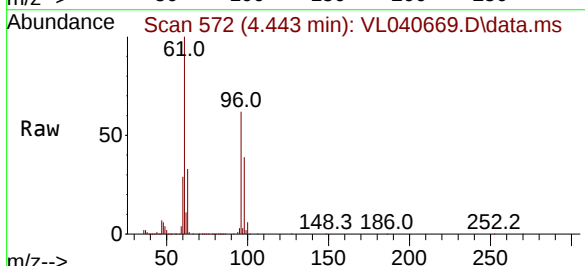
Tgt Ion: 41 Resp: 862199
 Ion Ratio Lower Upper
 41 100
 76 33.1 25.5 38.3
 39 81.8 61.8 92.6

Manual Integrations
 APPROVED

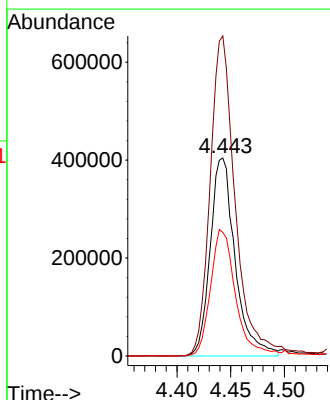
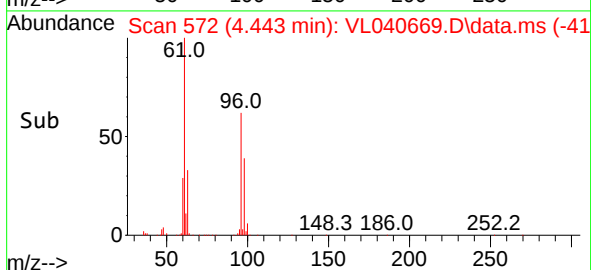
Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

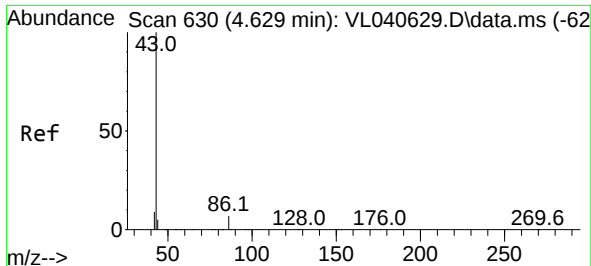


#22
 trans-1,2-Dichloroethene
 Concen: 11.272 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.003 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09



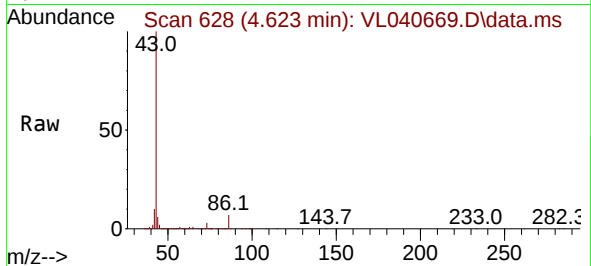
Tgt Ion: 96 Resp: 653494
 Ion Ratio Lower Upper
 96 100
 61 161.6 128.1 192.1
 98 62.5 48.1 72.1





#23
 Vinyl Acetate
 Concen: 10.584 ppbv
 RT: 4.623 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

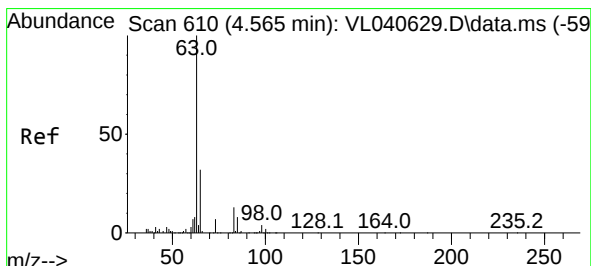
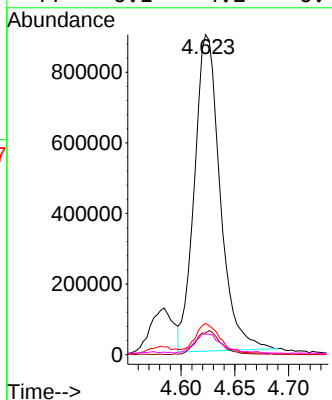
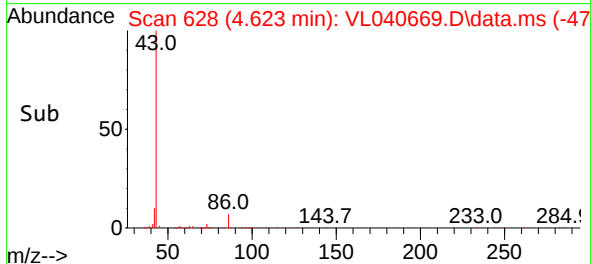
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01



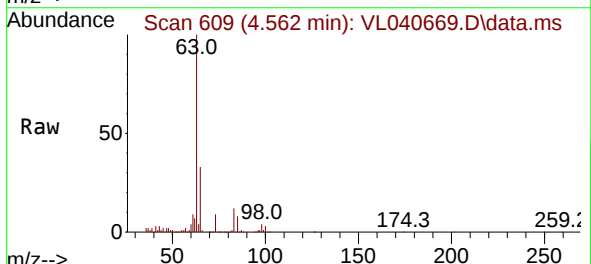
Tgt Ion: 43 Resp: 1489499
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.0 7.6
 42 9.7 7.8 11.8
 44 6.1 4.2 6.4

Manual Integrations
 APPROVED

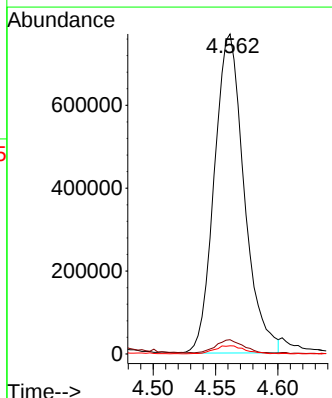
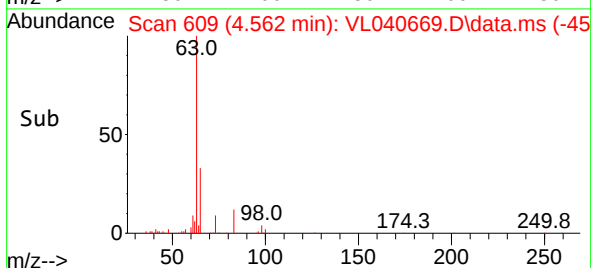
Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

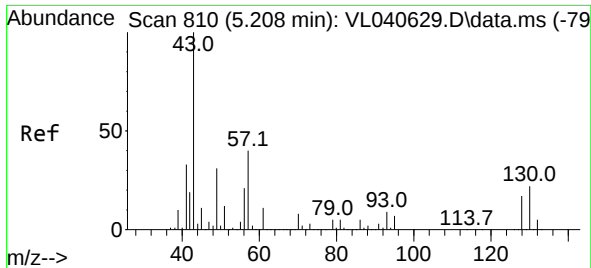


#24
 1,1-Dichloroethane
 Concen: 10.672 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.003 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09



Tgt Ion: 63 Resp: 1284409
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.0 6.0
 100 2.5 1.1 3.3





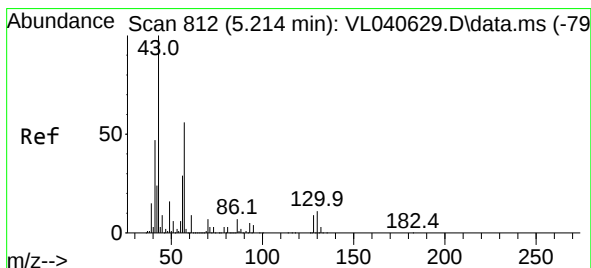
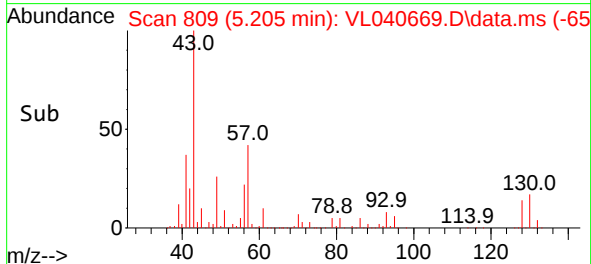
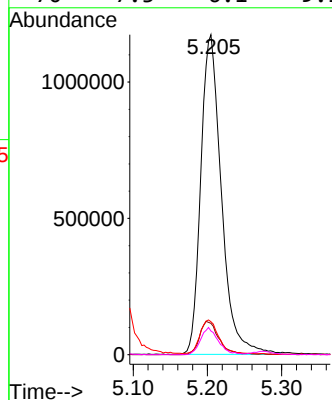
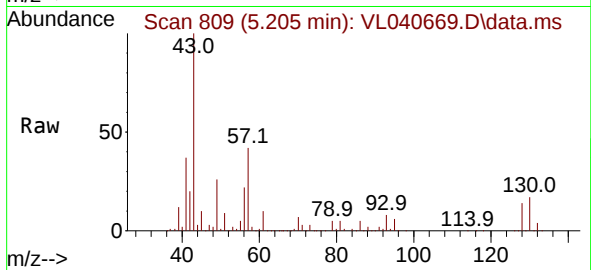
#25
Ethyl Acetate
Concen: 9.748 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

Tgt Ion: 43 Resp: 226116
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.4
61 10.7 8.3 12.5
70 7.3 6.1 9.1

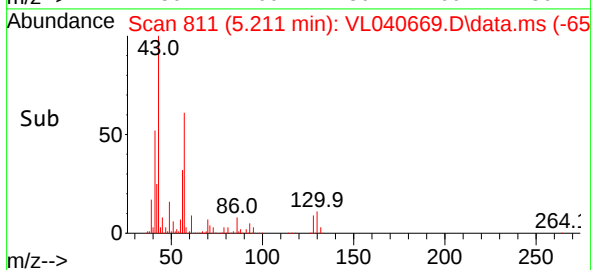
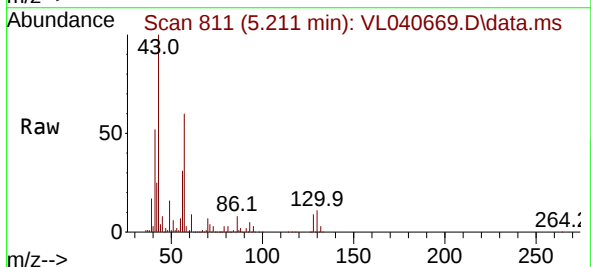
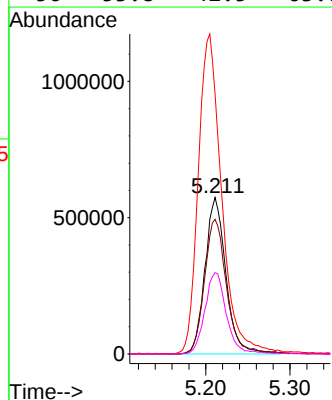
Manual Integrations
APPROVED

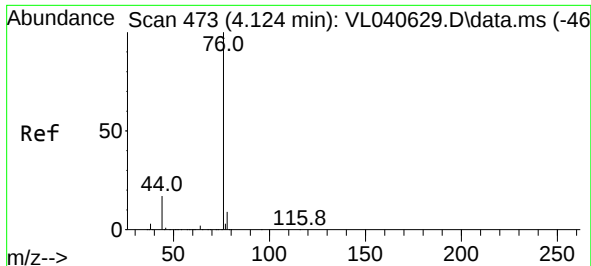
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#26
Hexane
Concen: 8.823 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

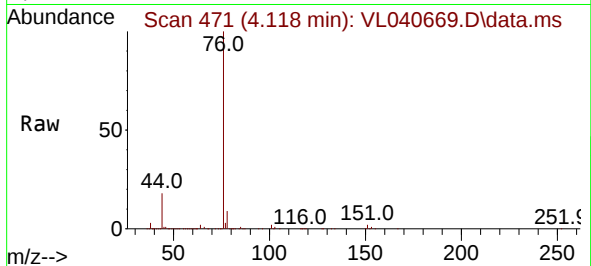
Tgt Ion: 57 Resp: 990170
Ion Ratio Lower Upper
57 100
41 91.8 69.3 103.9
43 230.2 177.9 266.9
56 53.8 42.5 63.7





#27
Carbon Disulfide
Concen: 12.130 ppbv
RT: 4.118 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

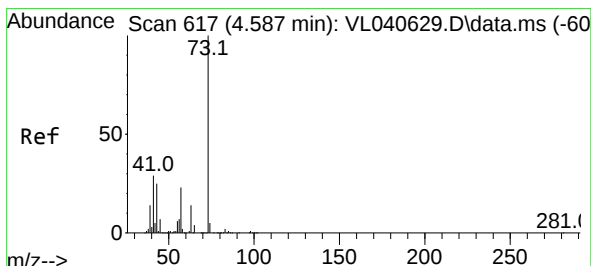
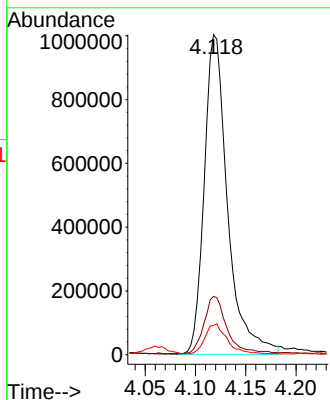
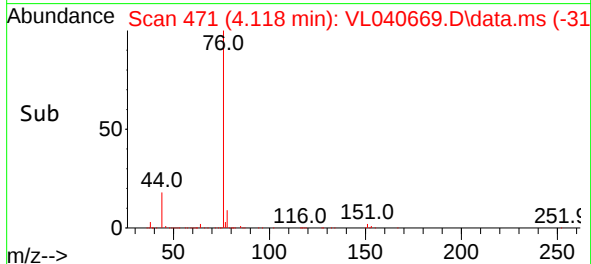
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



Tgt Ion: 76 Resp: 162067
Ion Ratio Lower Upper
76 100
44 17.8 14.3 21.5
78 9.6 7.4 11.0

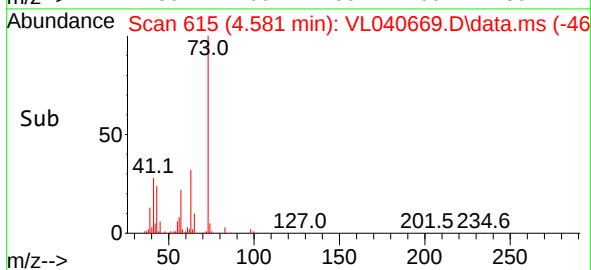
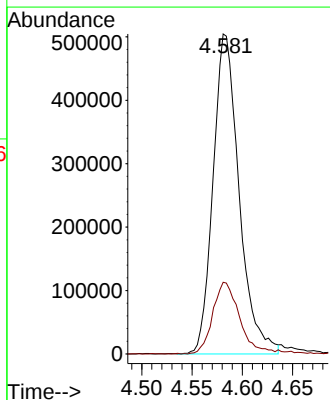
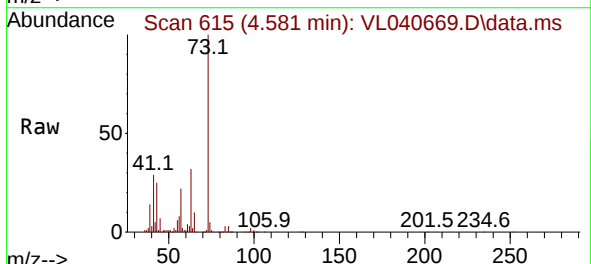
Manual Integrations
APPROVED

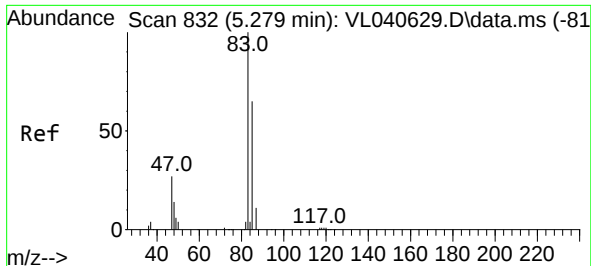
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#28
Methyl tert-Butyl Ether
Concen: 10.474 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Tgt Ion: 73 Resp: 908784
Ion Ratio Lower Upper
73 100
57 23.9 18.9 28.3





#29

Chloroform

Concen: 10.127 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

Tgt Ion: 83 Resp: 179891

Ion Ratio Lower Upper

83 100

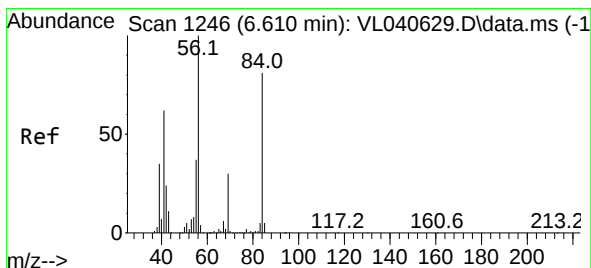
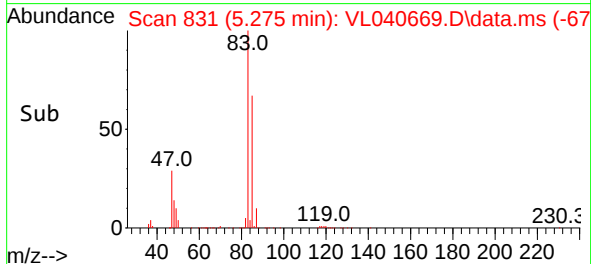
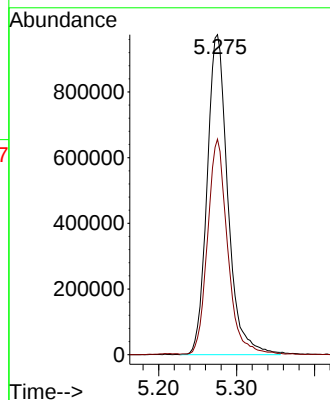
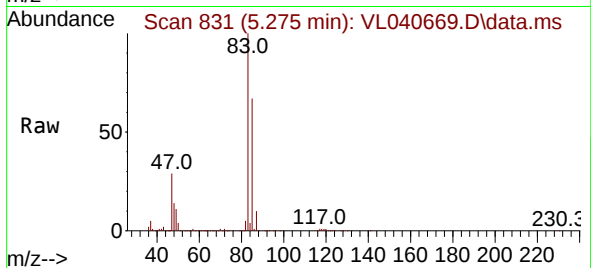
85 67.2 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#30

Cyclohexane

Concen: 9.443 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

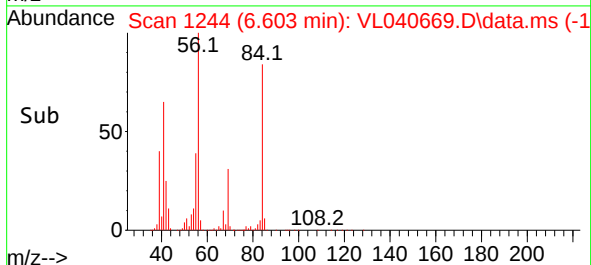
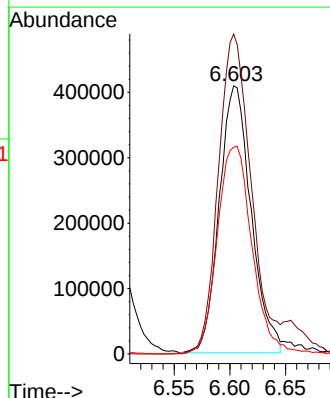
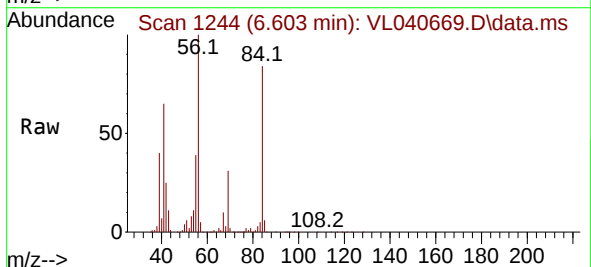
Tgt Ion: 84 Resp: 810855

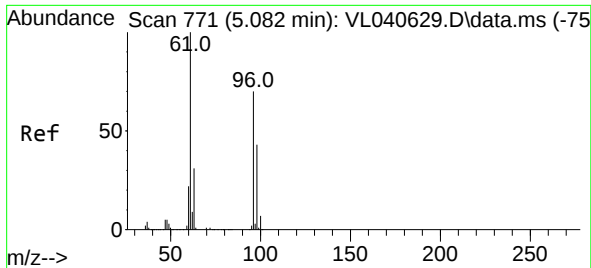
Ion Ratio Lower Upper

84 100

56 133.1 105.4 158.2

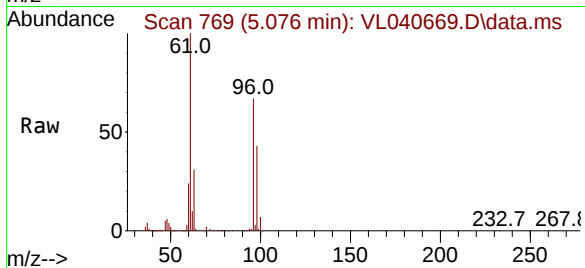
41 85.3 64.2 96.2





#31
cis-1,2-Dichloroethene
Concen: 10.199 ppbv
RT: 5.076 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

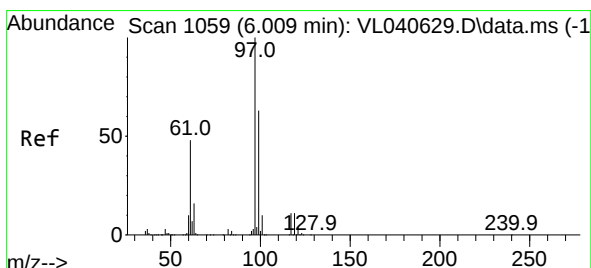
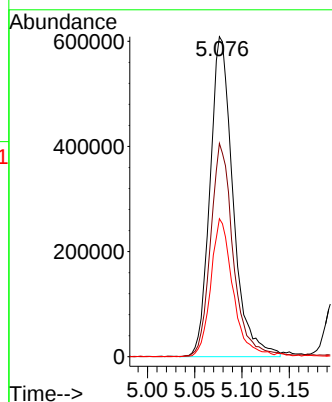
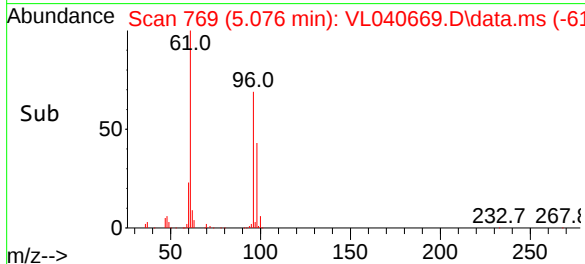
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



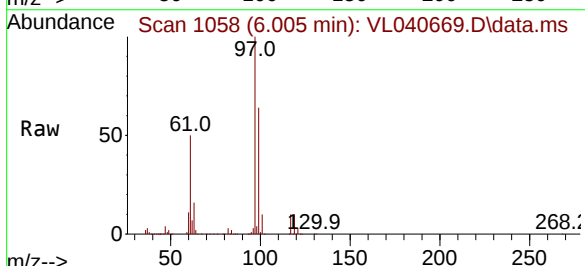
Tgt Ion: 61 Resp: 1032960
Ion Ratio Lower Upper
61 100
96 66.6 55.8 83.6
98 43.0 34.8 52.2

Manual Integrations
APPROVED

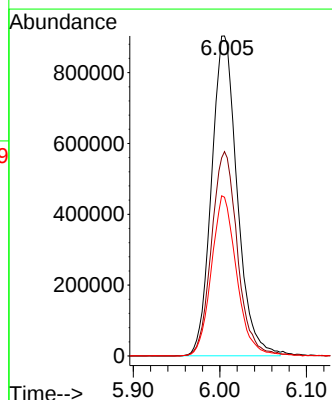
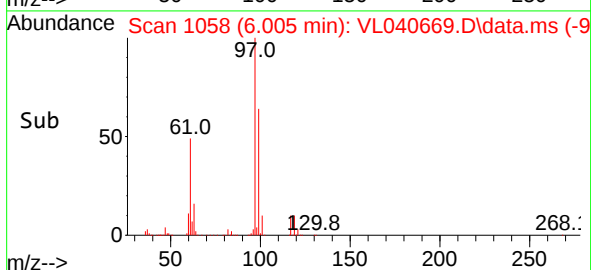
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

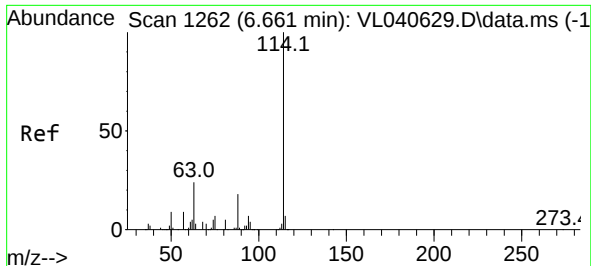


#32
1,1,1-Trichloroethane
Concen: 10.937 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



Tgt Ion: 97 Resp: 1860390
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 49.5 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

Tgt Ion:114 Resp: 263328

Ion Ratio Lower Upper

114 100

63 26.9 20.2 30.2

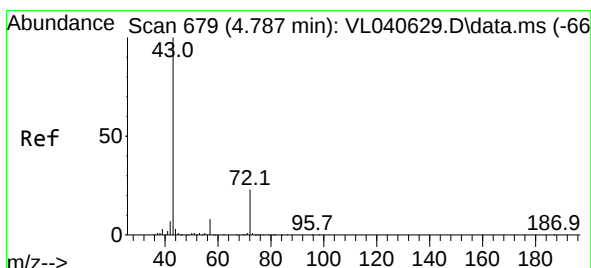
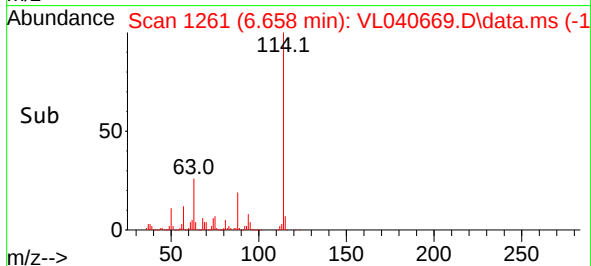
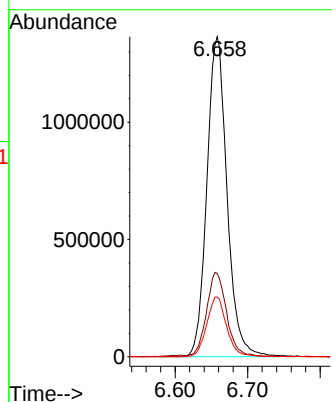
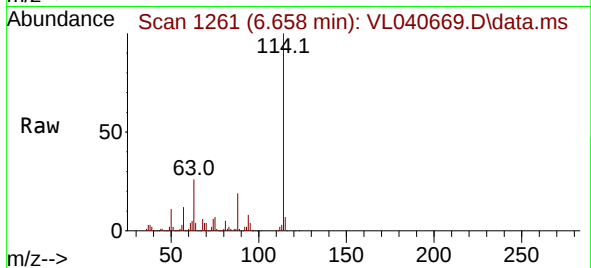
88 18.4 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#34

2-Butanone

Concen: 10.255 ppbv

RT: 4.783 min Scan# 678

Delta R.T. -0.003 min

Lab File: VL040669.D

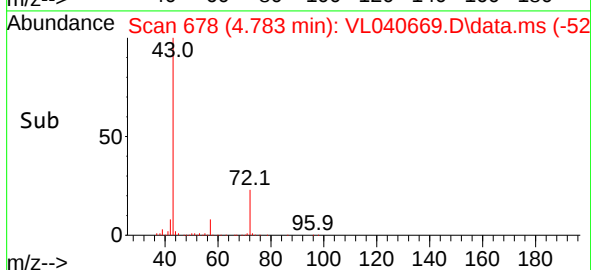
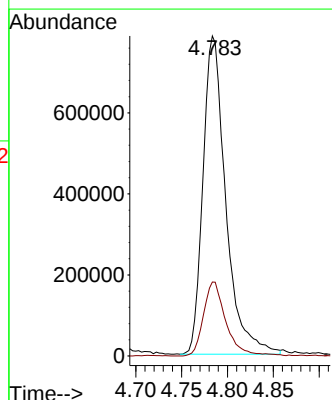
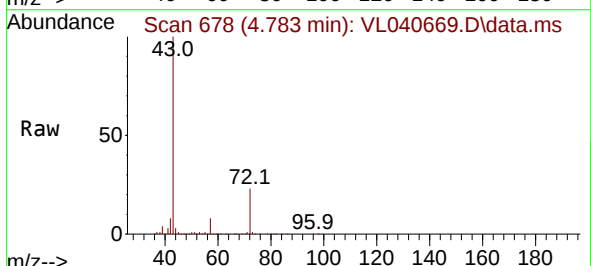
Acq: 7 Sep 2023 12:09

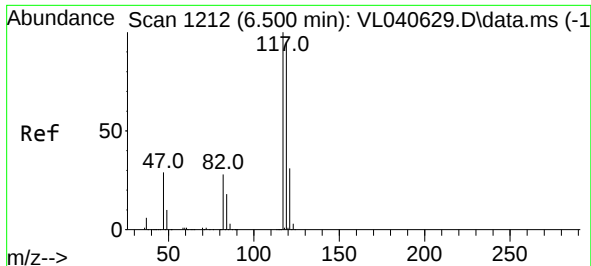
Tgt Ion: 43 Resp: 1361753

Ion Ratio Lower Upper

43 100

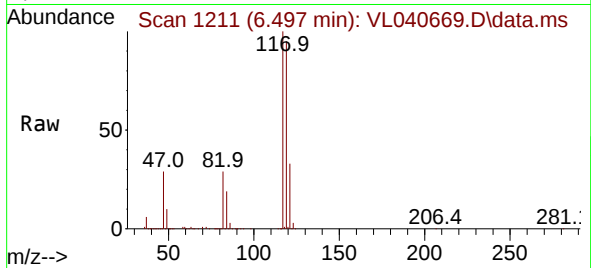
72 23.0 19.2 28.8





#35
Carbon Tetrachloride
Concen: 11.909 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

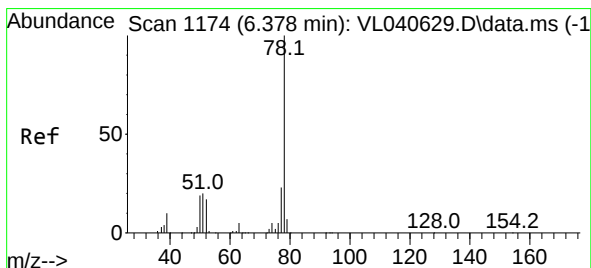
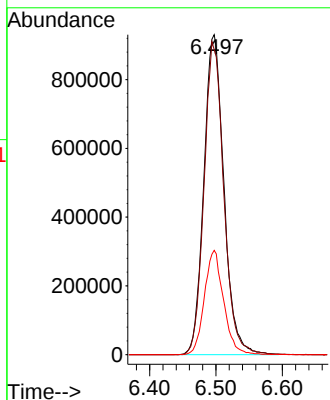
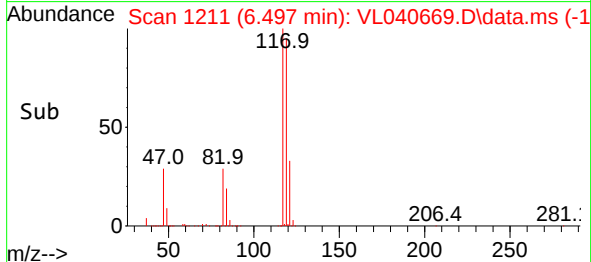
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



Tgt Ion: 117 Resp: 196217
Ion Ratio Lower Upper
117 100
119 95.3 75.6 113.4
121 32.6 24.9 37.3

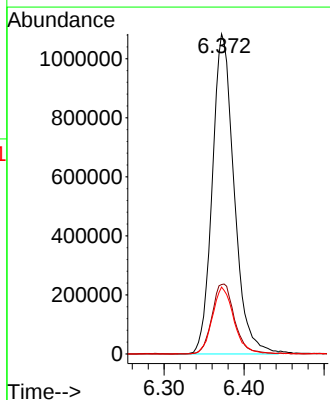
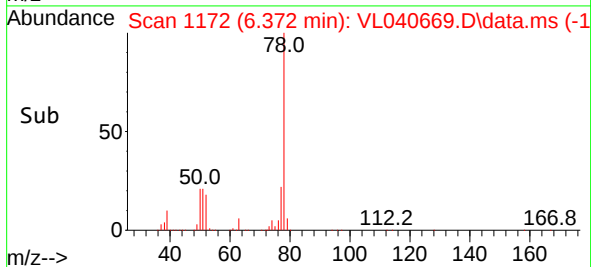
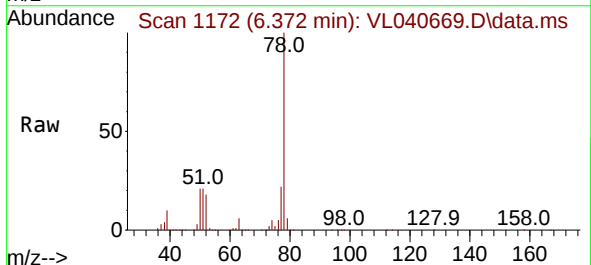
Manual Integrations
APPROVED

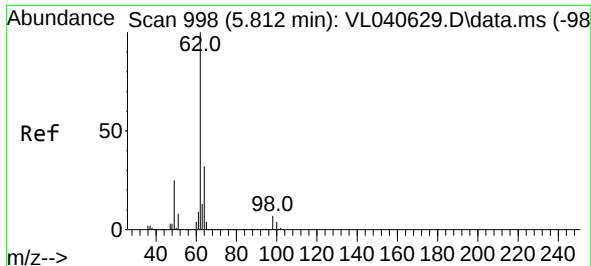
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#36
Benzene
Concen: 9.804 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Tgt Ion: 78 Resp: 2053800
Ion Ratio Lower Upper
78 100
77 21.7 18.2 27.2
50 20.9 15.0 22.6





#37

1,2-Dichloroethane

Concen: 11.033 ppbv

RT: 5.809 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

Tgt Ion: 62 Resp: 139400

Ion Ratio Lower Upper

62 100

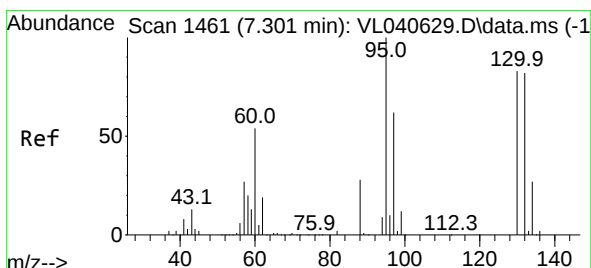
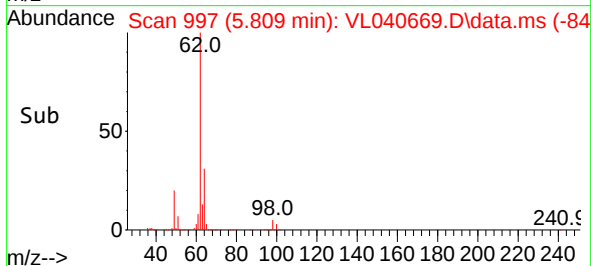
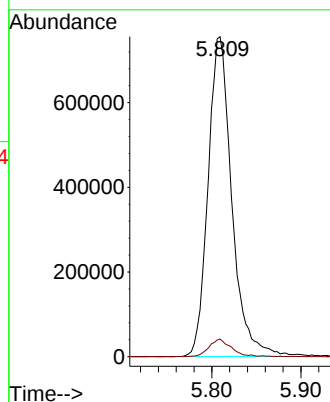
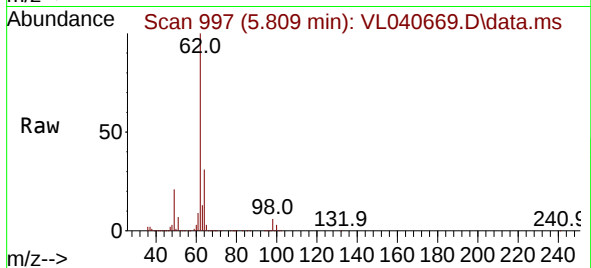
98 5.3 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#38

Trichloroethene

Concen: 10.760 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Tgt Ion:130 Resp: 872813

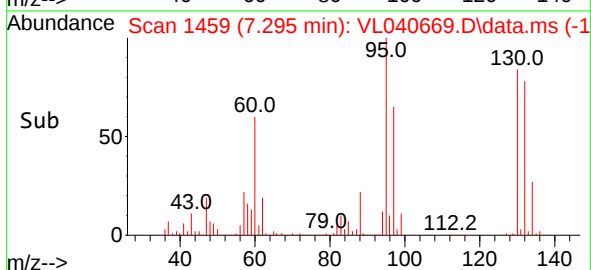
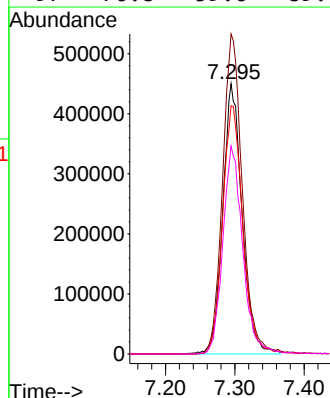
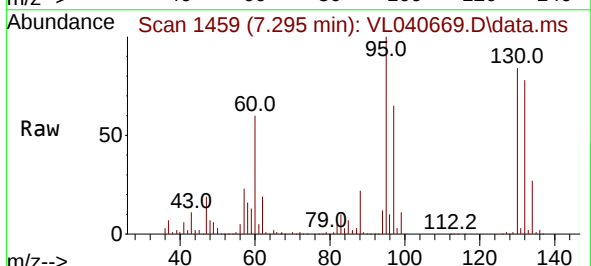
Ion Ratio Lower Upper

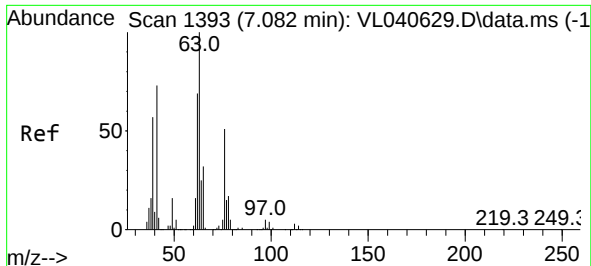
130 100

95 118.4 95.9 143.9

132 91.8 79.0 118.4

97 76.8 59.6 89.4





#39

1,2-Dichloropropane

Concen: 9.959 ppbv

RT: 7.076 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

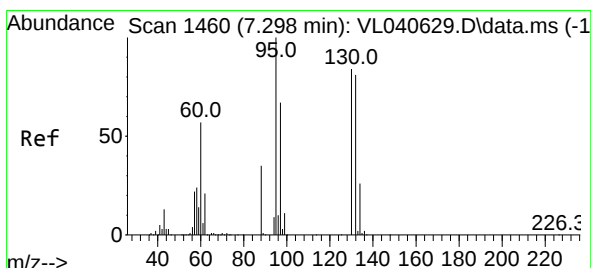
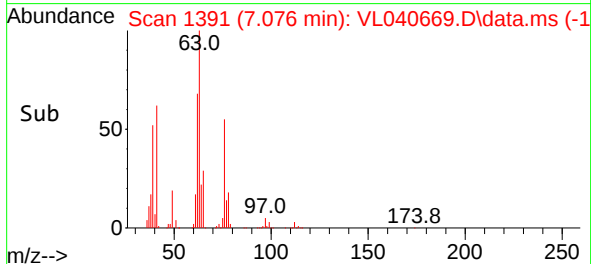
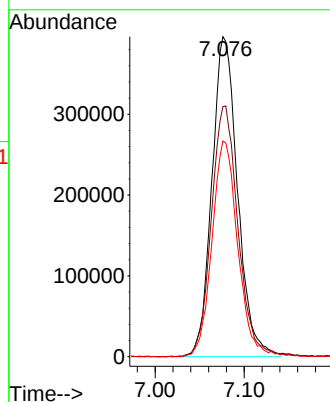
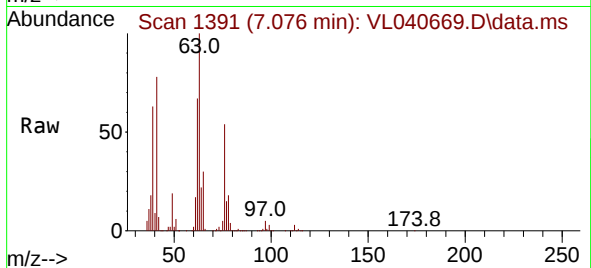
Tgt Ion: 63 Resp: 79375

Ion	Ratio	Lower	Upper
63	100		
41	77.9	58.2	87.2
62	67.3	55.0	82.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#40

1,4-Dioxane

Concen: 8.485 ppbv

RT: 7.291 min Scan# 1458

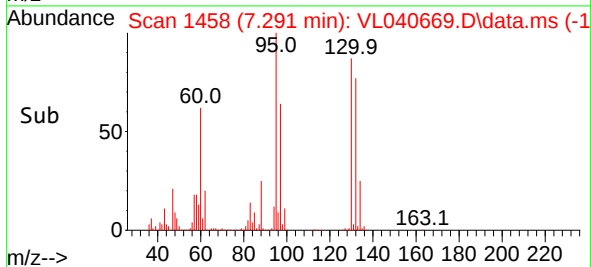
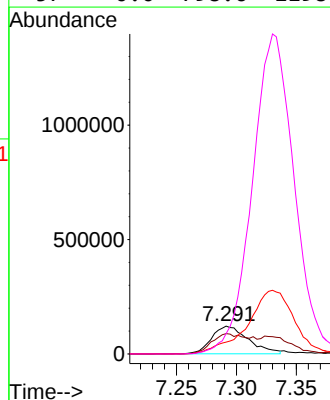
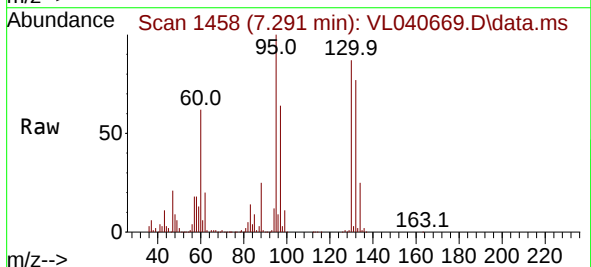
Delta R.T. -0.006 min

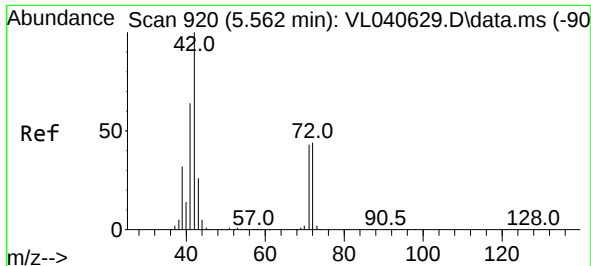
Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Tgt Ion: 88 Resp: 256205

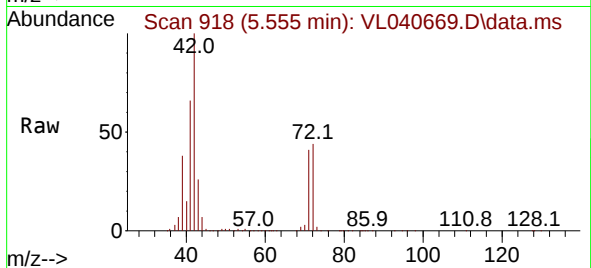
Ion	Ratio	Lower	Upper
88	100		
58	135.4	92.8	139.2
43	0.0	179.1	268.7#
57	0.0	798.6	1198.0#





#41
Tetrahydrofuran
Concen: 9.600 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

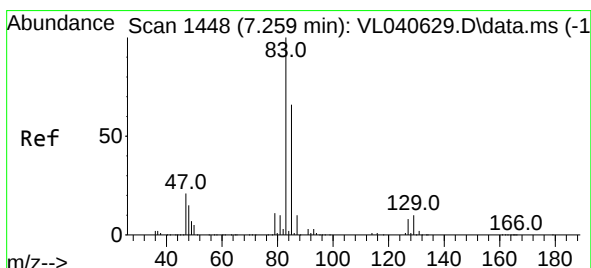
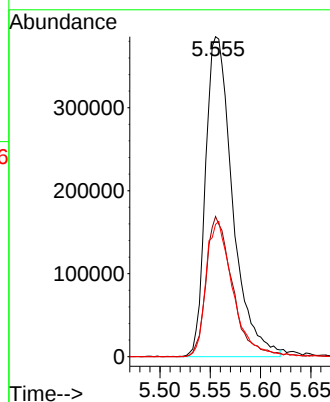
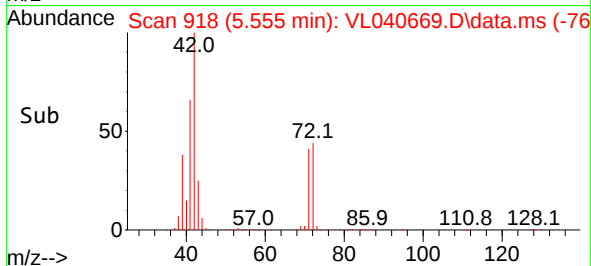
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



Tgt Ion: 42 Resp: 720534
Ion Ratio Lower Upper
42 100
72 43.3 34.2 51.4
71 42.4 33.4 50.0

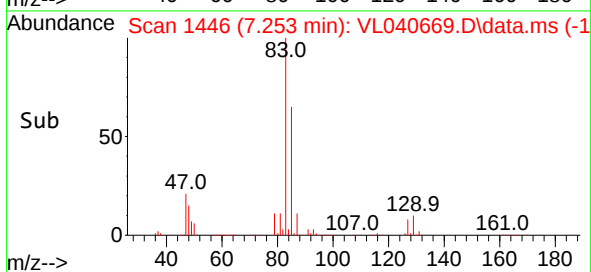
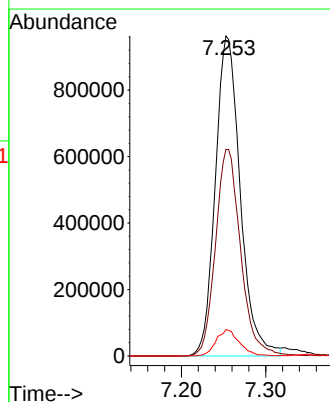
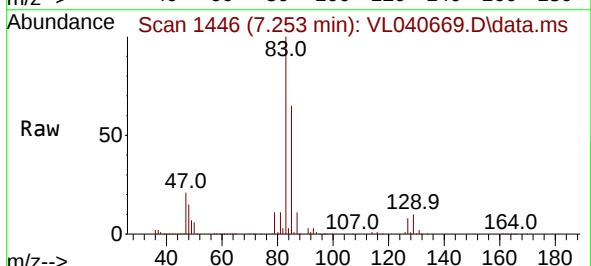
Manual Integrations
APPROVED

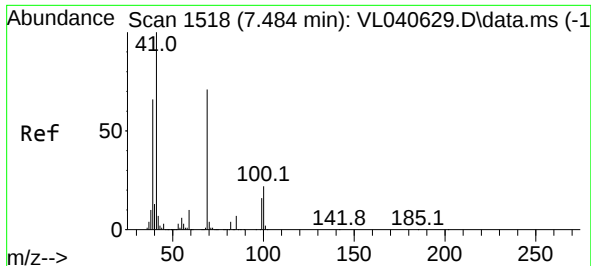
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#42
Bromodichloromethane
Concen: 11.236 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Tgt Ion: 83 Resp: 1976064
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7
127 8.2 6.1 9.1





#43
Methyl Methacrylate
Concen: 10.938 ppbv
RT: 7.478 min Scan# 1518
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

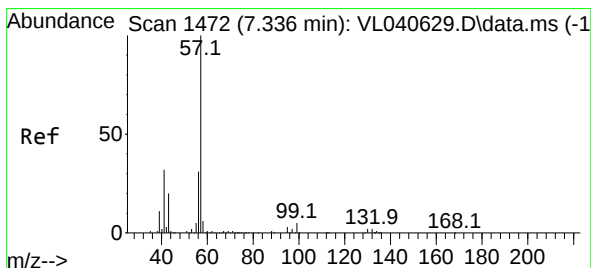
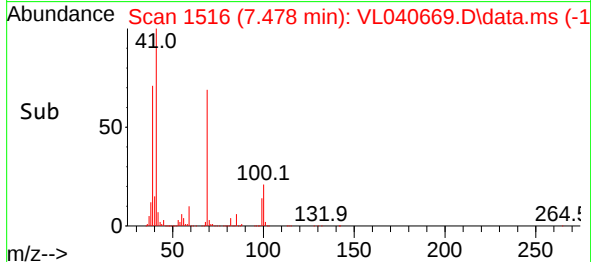
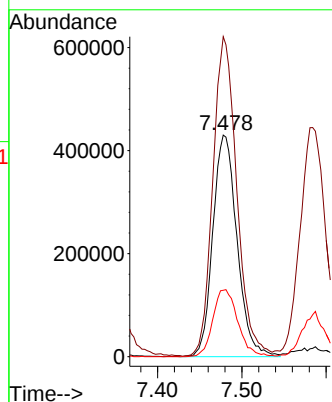
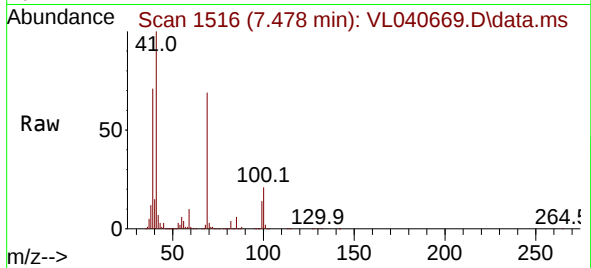
VL0907ABS01

Tgt Ion: 69 Resp: 857972
Ion Ratio Lower Upper
69 100
41 142.5 111.8 167.8
100 31.2 25.8 38.6

Manual Integrations

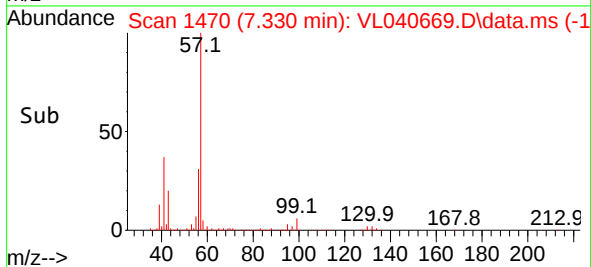
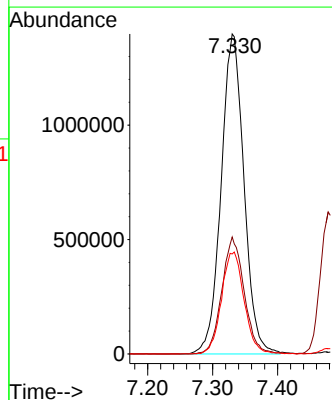
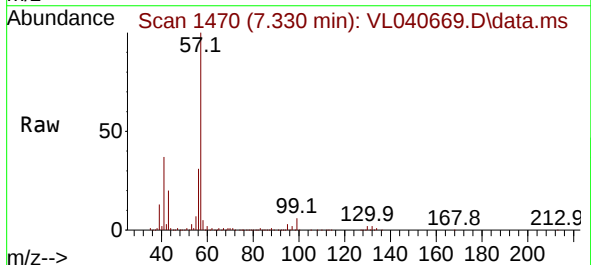
APPROVED

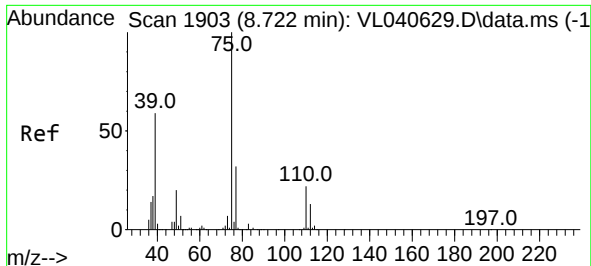
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#44
2,2,4-Trimethylpentane
Concen: 10.061 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Tgt Ion: 57 Resp: 3406878
Ion Ratio Lower Upper
57 100
41 36.0 26.2 39.4
56 31.6 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 13.085 ppbv

RT: 8.719 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

Tgt Ion: 75 Resp: 819660

Ion Ratio Lower Upper

75 100

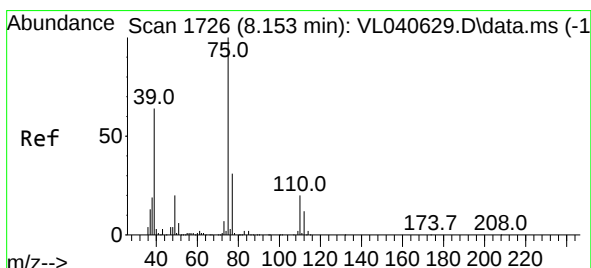
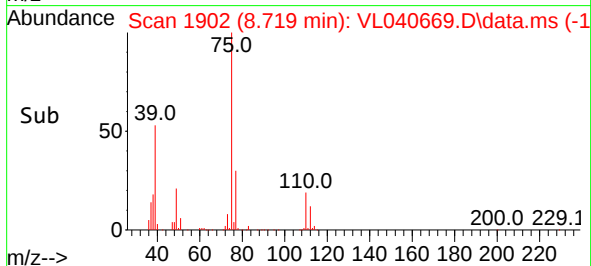
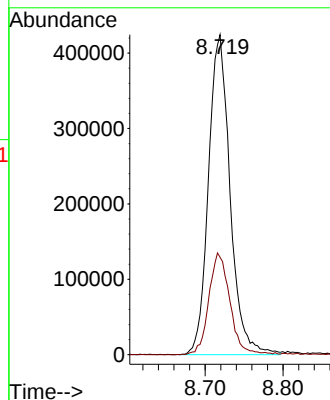
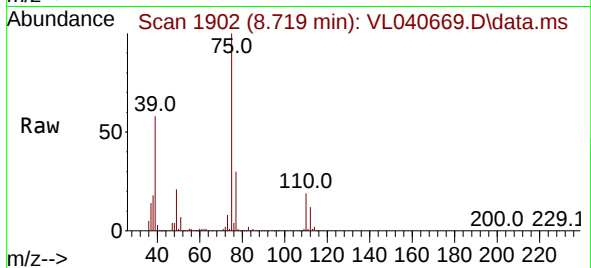
77 30.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#46

cis-1,3-Dichloropropene

Concen: 12.282 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.006 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

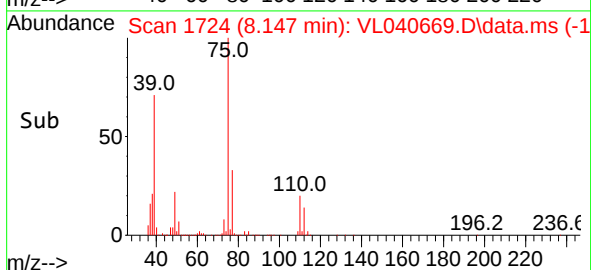
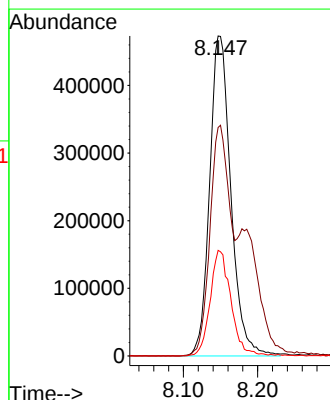
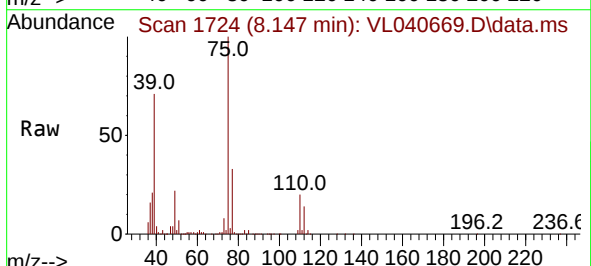
Tgt Ion: 75 Resp: 938484

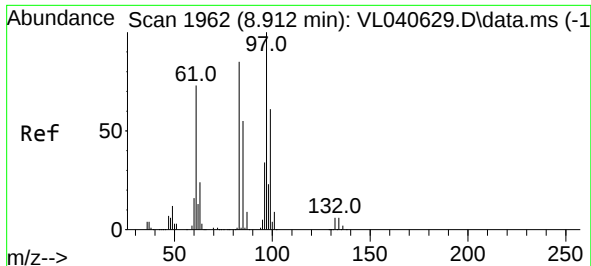
Ion Ratio Lower Upper

75 100

39 71.4 51.0 76.4

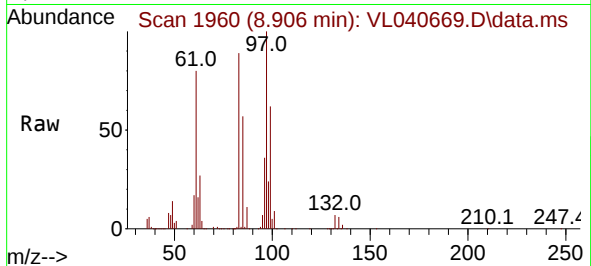
77 33.0 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 10.056 ppbv
RT: 8.906 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

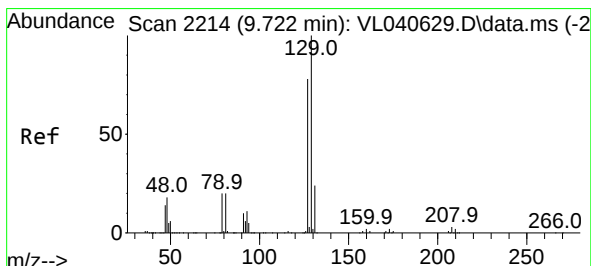
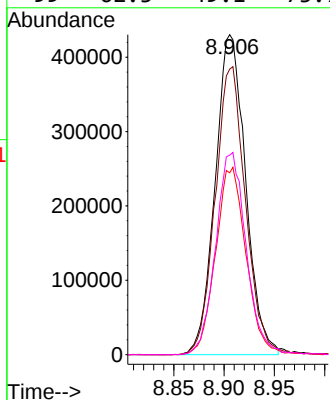
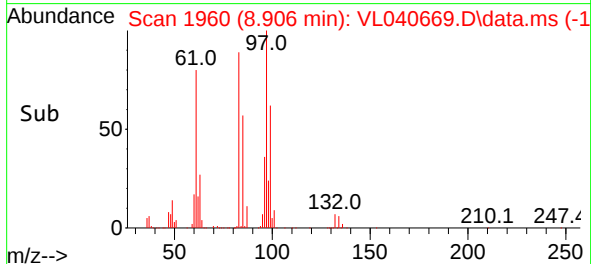
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



Tgt Ion: 97 Resp: 90536
Ion Ratio Lower Upper
97 100
83 89.2 67.8 101.8
85 56.8 44.0 66.0
99 62.3 49.1 73.7

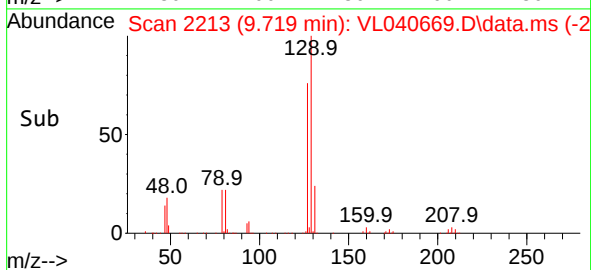
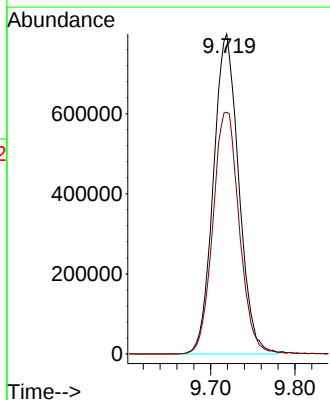
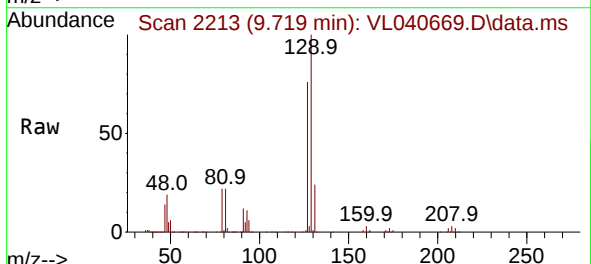
Manual Integrations
APPROVED

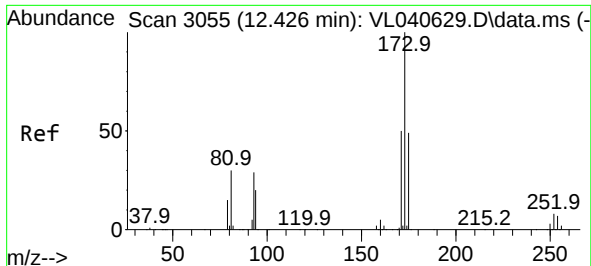
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#48
Dibromochloromethane
Concen: 11.843 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

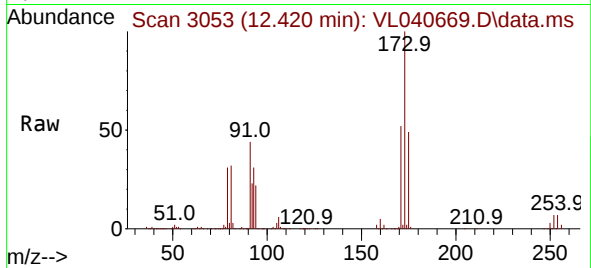
Tgt Ion:129 Resp: 1668621
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





#49
Bromoform
Concen: 12.472 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

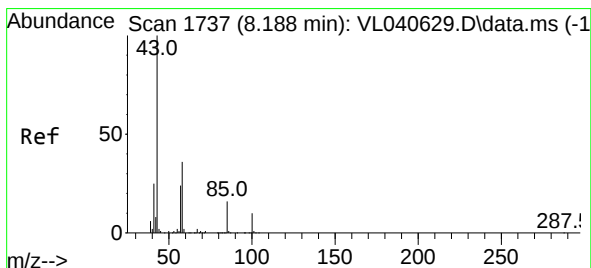
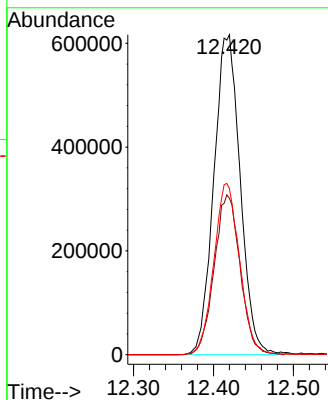
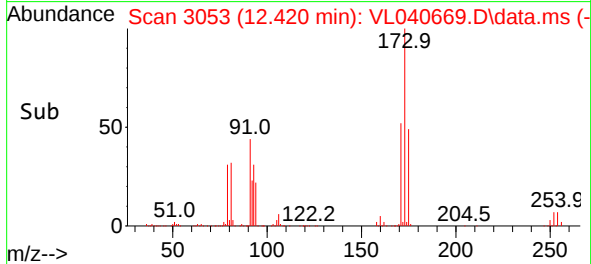
Instrument : MSVOA_L
ClientSampleId : VL0907ABS01



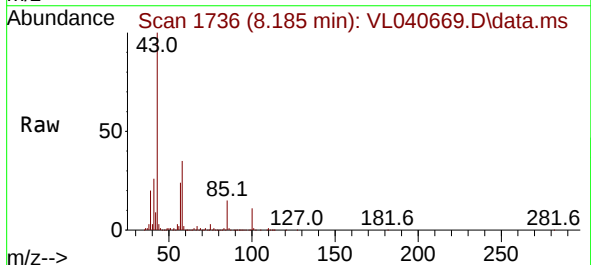
Tgt Ion: 173 Resp: 140791
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
171 52.6 41.9 62.9

Manual Integrations
APPROVED

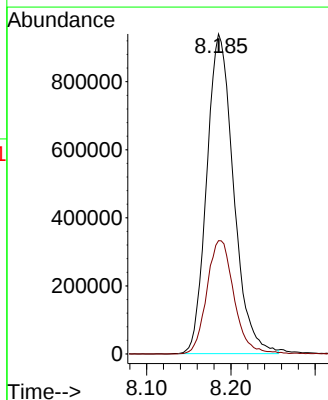
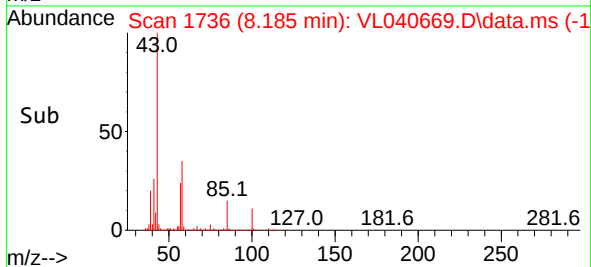
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

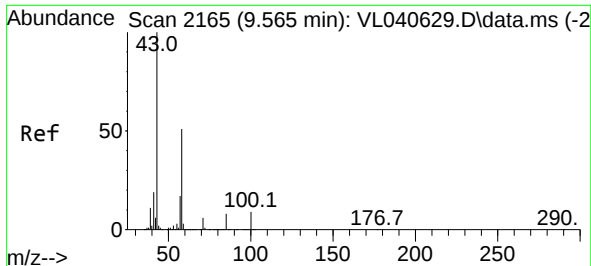


#50
4-Methyl-2-Pentanone
Concen: 10.700 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



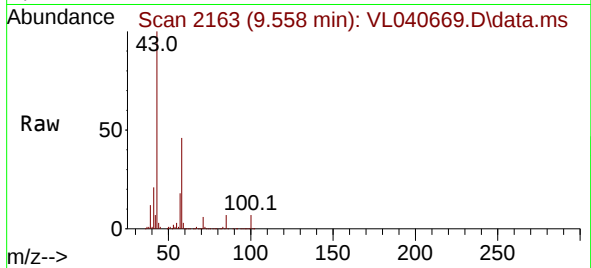
Tgt Ion: 43 Resp: 2075741
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8





#51
2-Hexanone
Concen: 11.402 ppbv
RT: 9.558 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

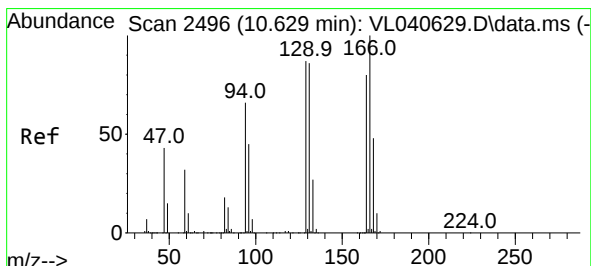
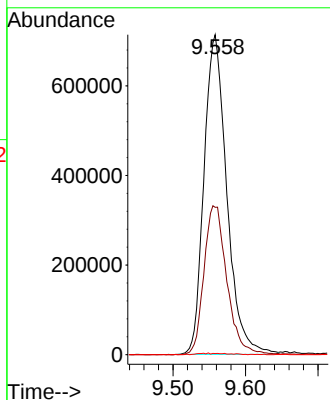
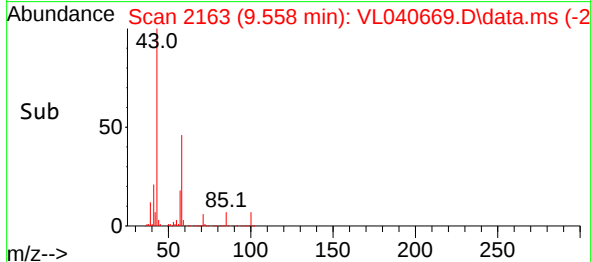
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



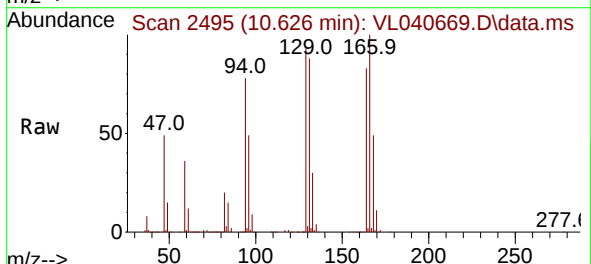
Tgt Ion: 43 Resp: 1558574
Ion Ratio Lower Upper
43 100
58 47.0 39.4 59.2
98 0.3 0.4 0.6

Manual Integrations
APPROVED

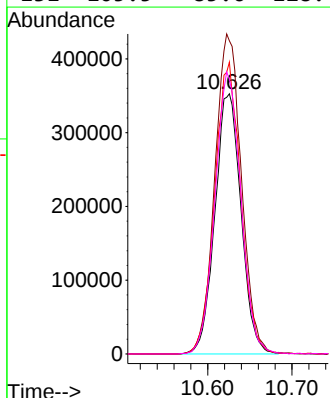
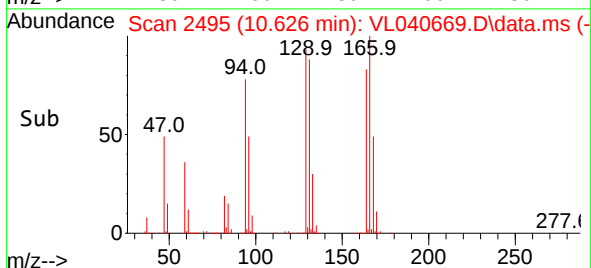
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

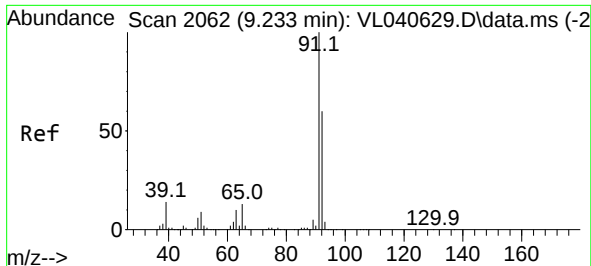


#52
Tetrachloroethene
Concen: 11.544 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



Tgt Ion:164 Resp: 757376
Ion Ratio Lower Upper
164 100
166 120.4 99.5 149.3
129 112.2 86.9 130.3
131 105.5 85.6 128.4





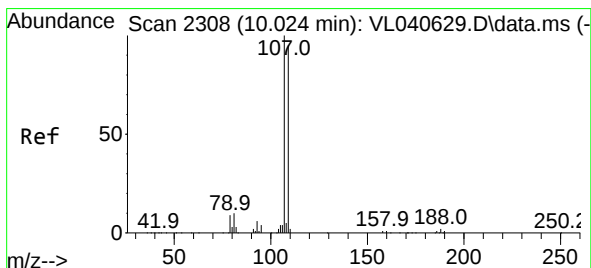
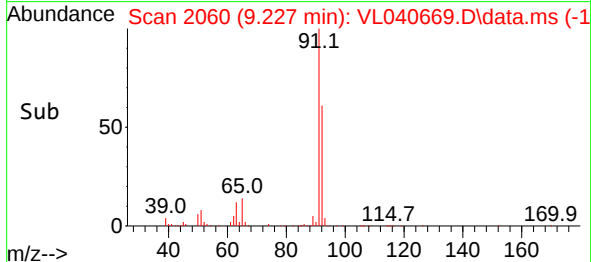
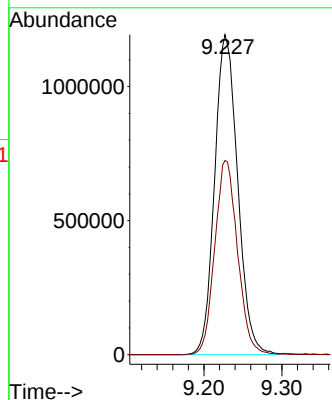
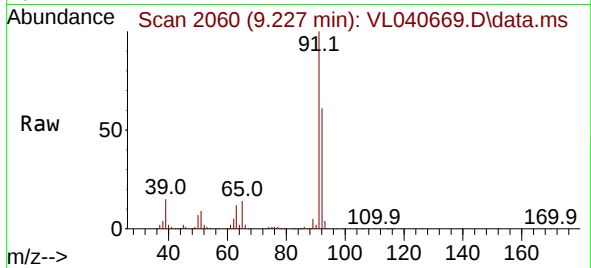
#53
Toluene
Concen: 11.034 ppbv
RT: 9.227 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

Tgt Ion: 91 Resp: 2456370
Ion Ratio Lower Upper
91 100
92 60.2 48.0 72.0

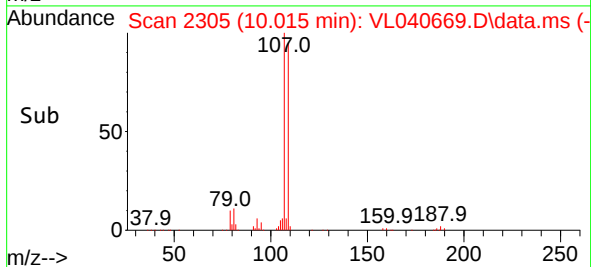
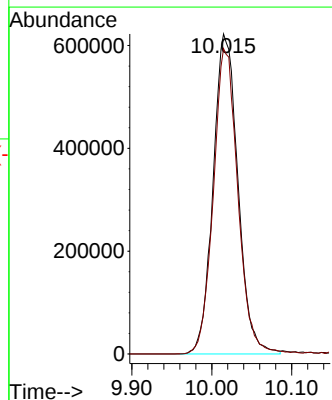
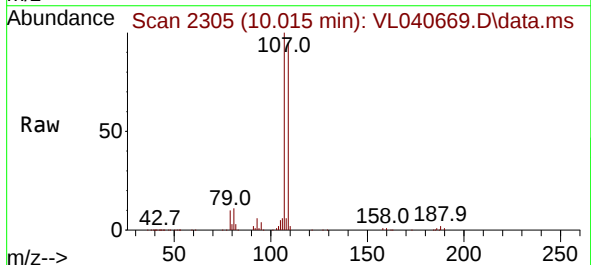
Manual Integrations
APPROVED

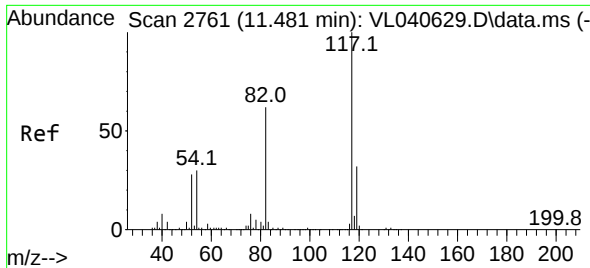
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#54
1,2-Dibromoethane
Concen: 11.681 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.010 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

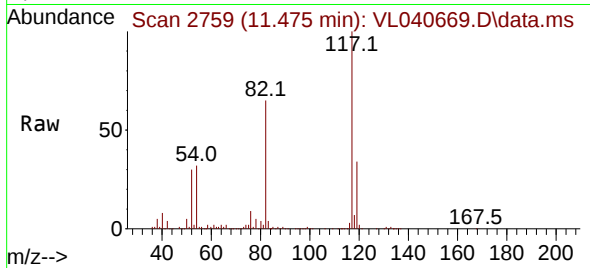
Tgt Ion:107 Resp: 1339004
Ion Ratio Lower Upper
107 100
109 95.4 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

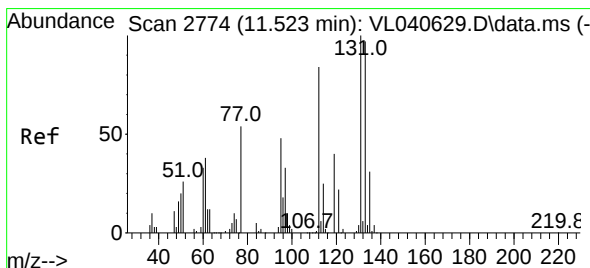
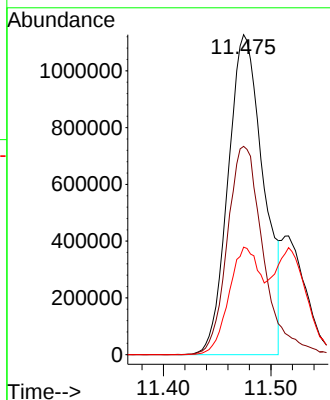
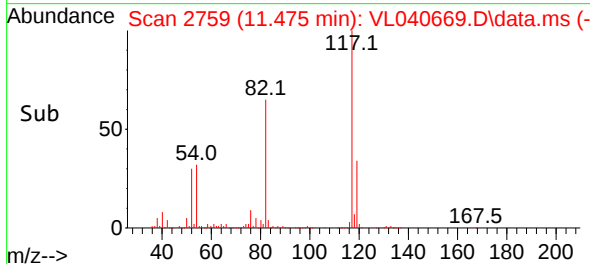
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



Tgt Ion:117 Resp: 257972
Ion Ratio Lower Upper
117 100
82 66.4 49.5 74.3
119 31.7 24.5 36.7

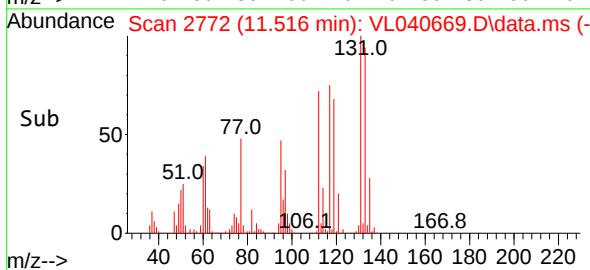
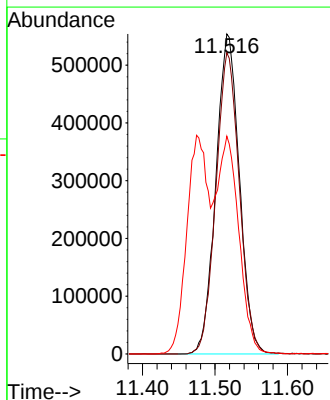
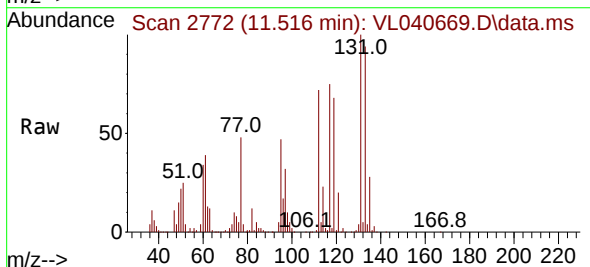
Manual Integrations
APPROVED

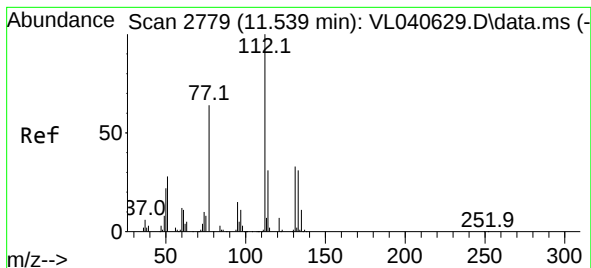
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.435 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

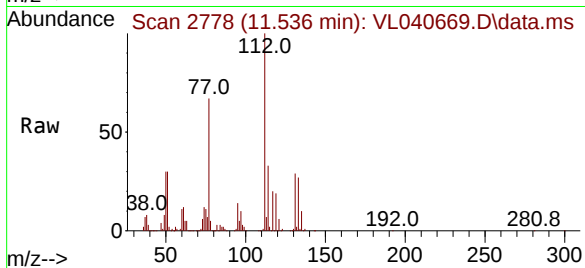
Tgt Ion:131 Resp: 1245511
Ion Ratio Lower Upper
131 100
133 94.4 75.4 113.0
119 58.5 51.0 76.6





#57
Chlorobenzene
Concen: 10.111 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

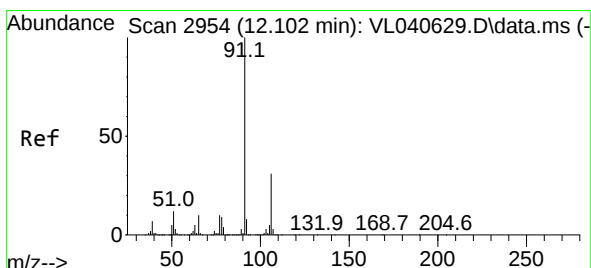
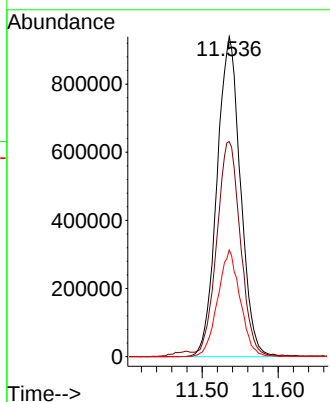
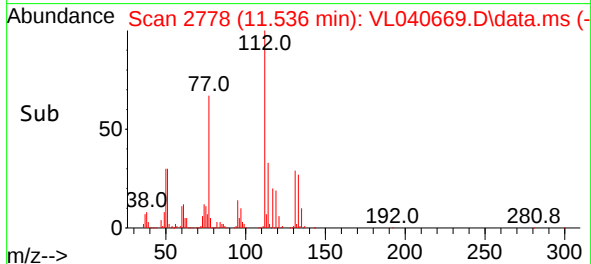
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



Tgt Ion:112 Resp: 201310
Ion Ratio Lower Upper
112 100
77 66.8 52.5 78.7
114 33.4 27.8 34.0

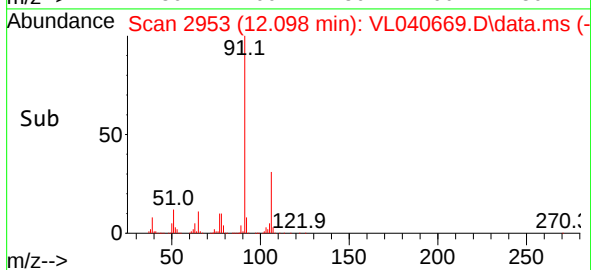
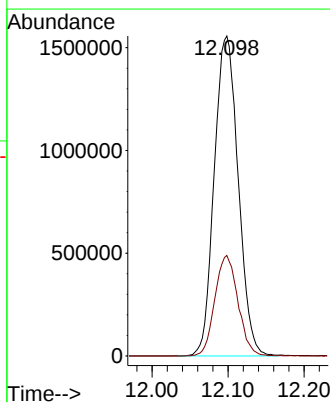
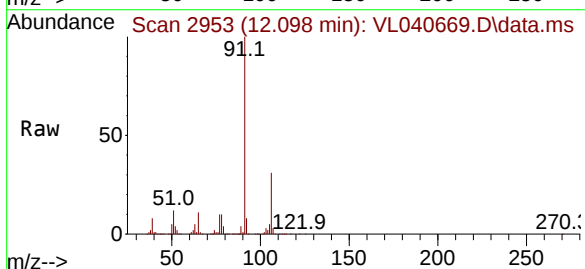
Manual Integrations
APPROVED

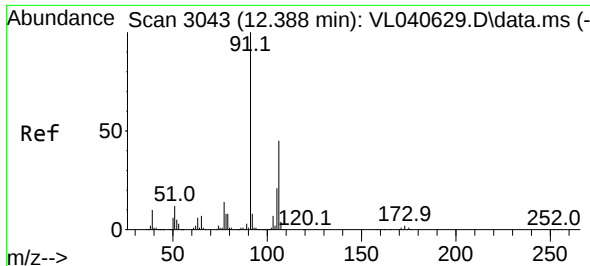
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#58
Ethyl Benzene
Concen: 10.951 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Tgt Ion: 91 Resp: 3406479
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8





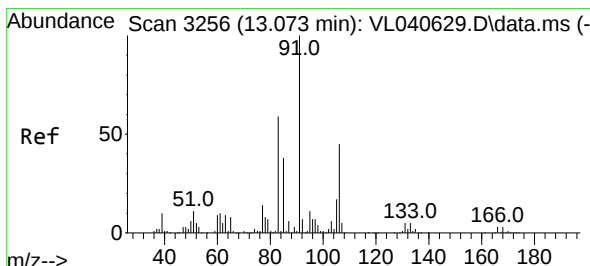
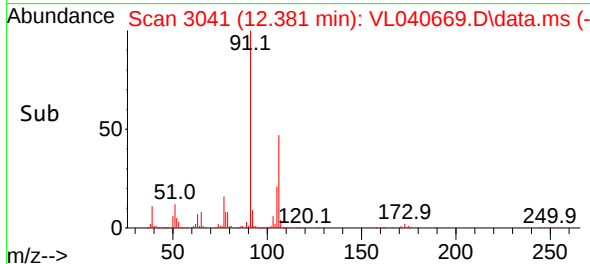
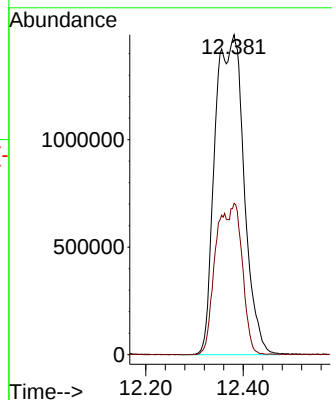
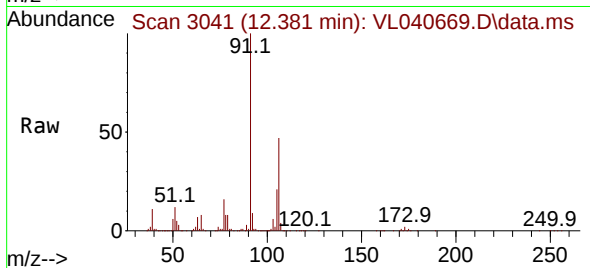
#59
m/p-Xylene
Concen: 21.599 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

Tgt Ion: 91 Resp: 612914
Ion Ratio Lower Upper
91 100
106 43.2 35.3 52.9

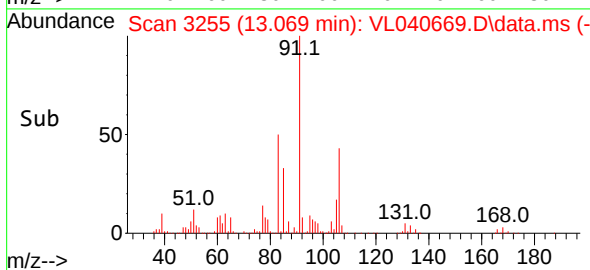
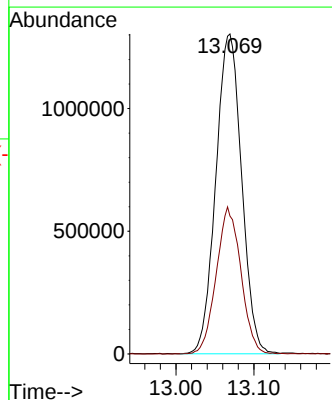
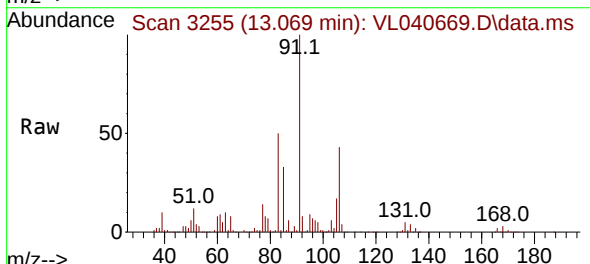
Manual Integrations
APPROVED

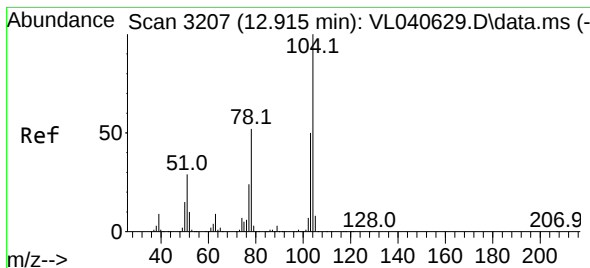
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#60
o-Xylene
Concen: 11.146 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Tgt Ion: 91 Resp: 2997831
Ion Ratio Lower Upper
91 100
106 44.1 22.5 67.5





#61

Styrene

Concen: 12.172 ppbv

RT: 12.909 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

Tgt Ion:104 Resp: 1434490

Ion Ratio Lower Upper

104 100

78 53.9 41.0 61.4

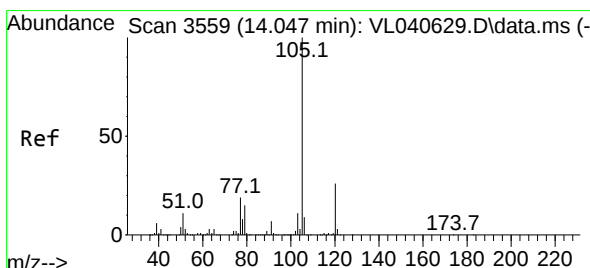
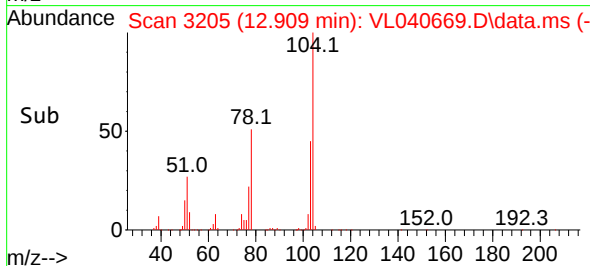
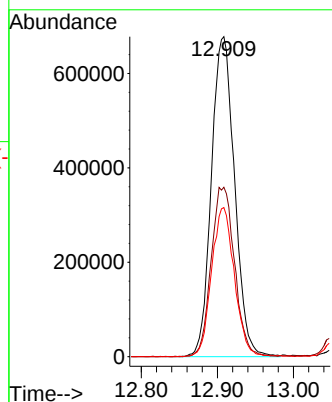
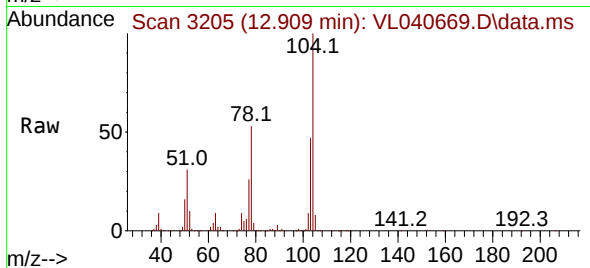
103 46.2 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#62

Isopropylbenzene

Concen: 10.559 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. -0.006 min

Lab File: VL040669.D

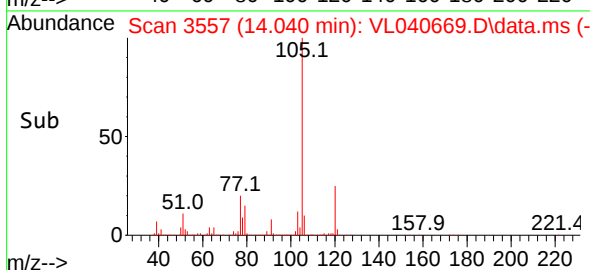
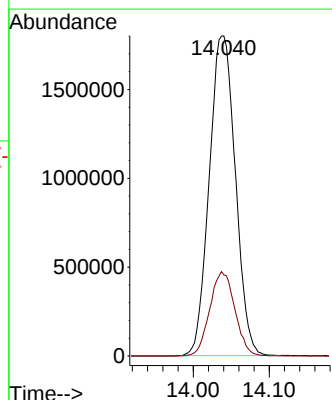
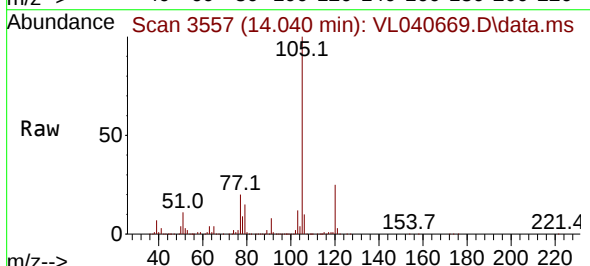
Acq: 7 Sep 2023 12:09

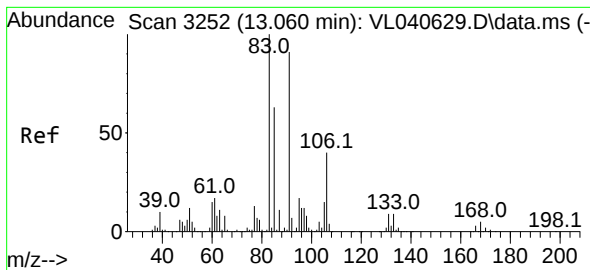
Tgt Ion:105 Resp: 4297953

Ion Ratio Lower Upper

105 100

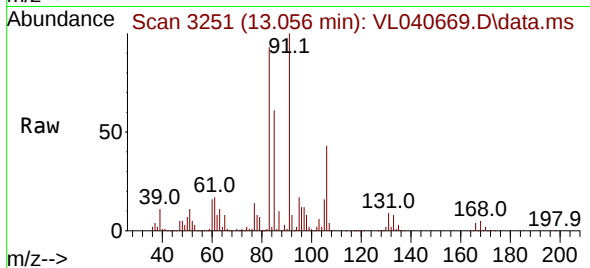
120 25.3 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 10.606 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

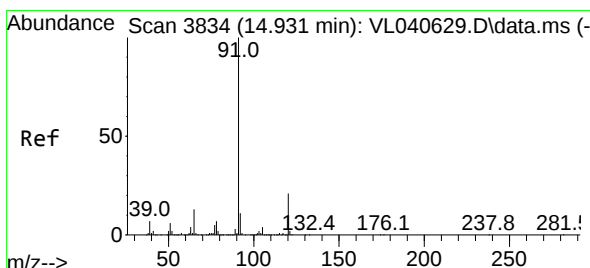
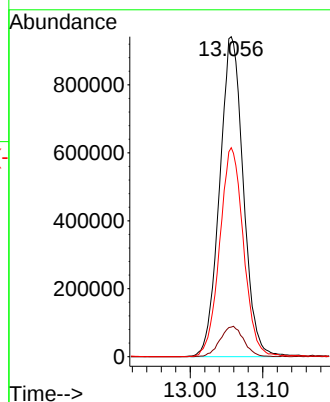
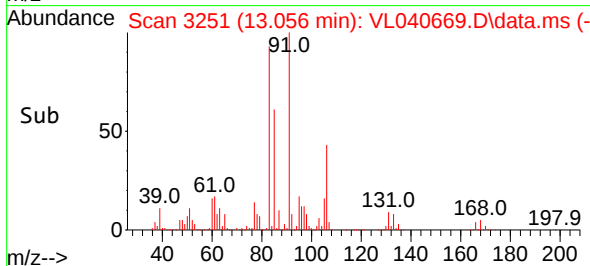
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



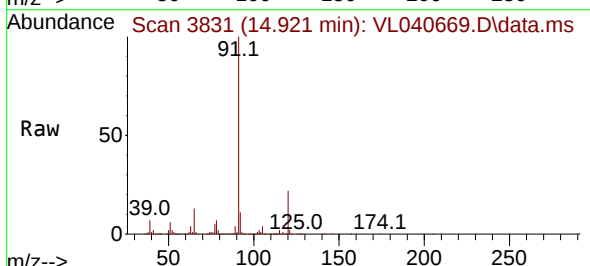
Tgt Ion: 83 Resp: 213635
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 66.2 32.4 97.2

Manual Integrations
APPROVED

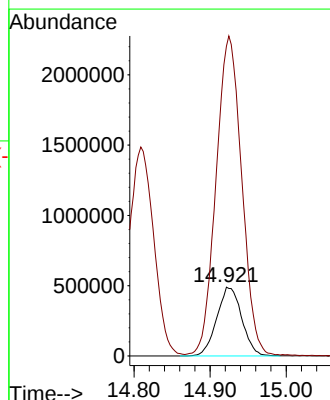
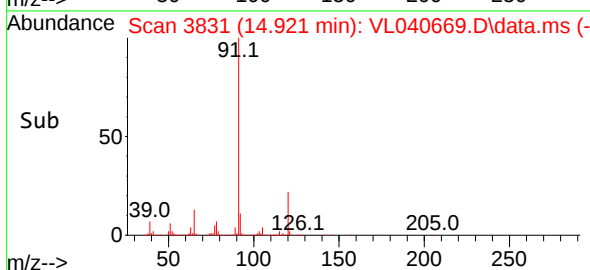
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

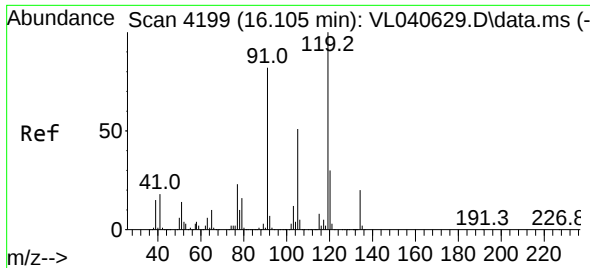


#64
n-propylbenzene
Concen: 10.854 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



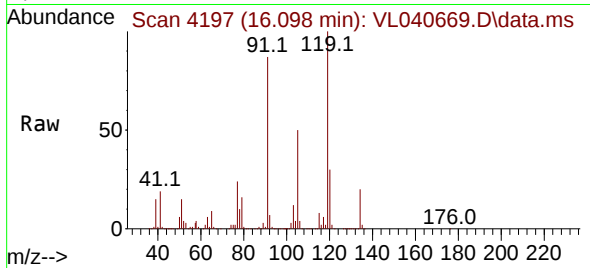
Tgt Ion:120 Resp: 1116581
Ion Ratio Lower Upper
120 100
91 479.9 387.8 581.8





#65
tert-Butylbenzene
Concen: 11.053 ppbv
RT: 16.098 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

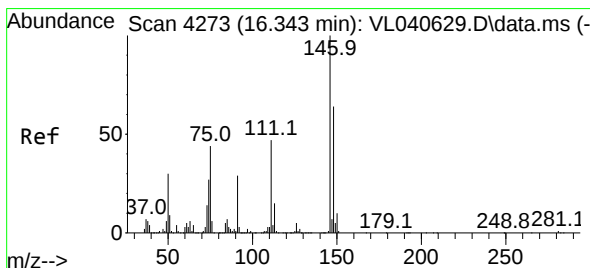
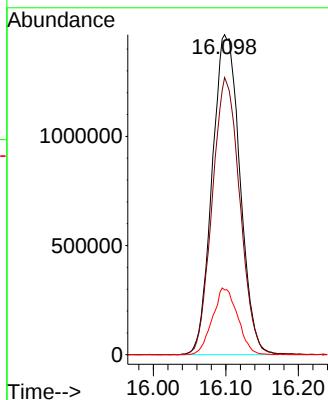
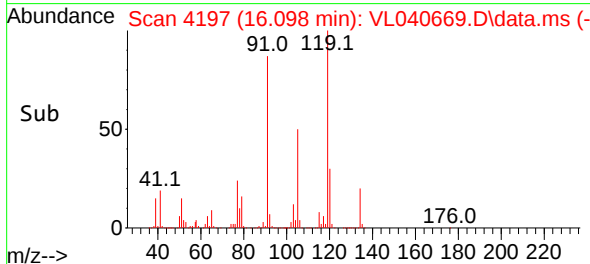
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



Tgt Ion: 119 Resp: 389926
Ion Ratio Lower Upper
119 100
91 86.0 67.8 101.6
134 19.0 15.7 23.5

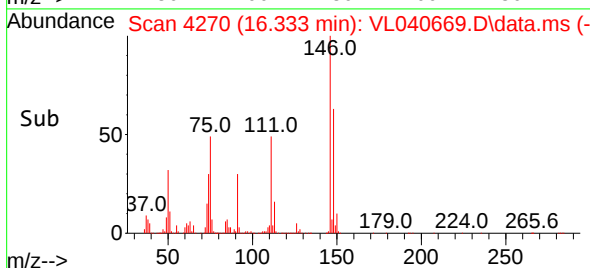
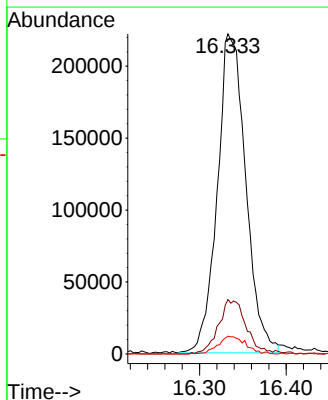
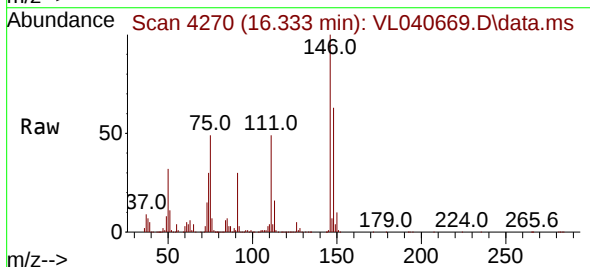
Manual Integrations
APPROVED

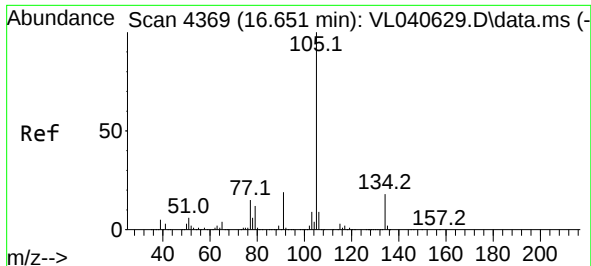
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#66
Benzyl Chloride
Concen: 11.389 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.010 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

Tgt Ion: 91 Resp: 505253
Ion Ratio Lower Upper
91 100
126 16.8 13.6 20.4
128 5.6 4.3 6.5





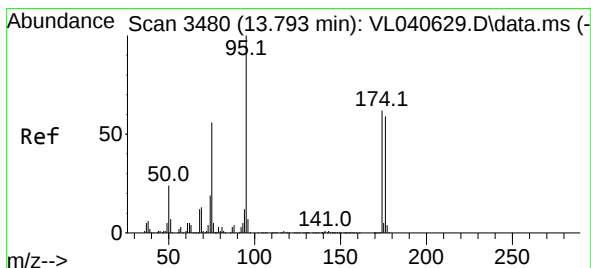
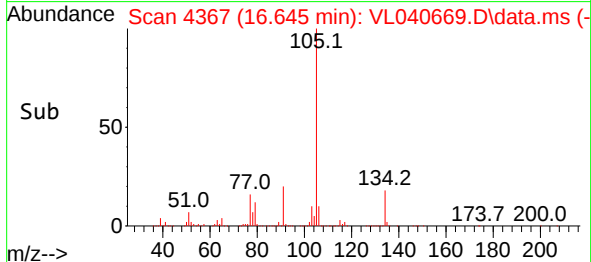
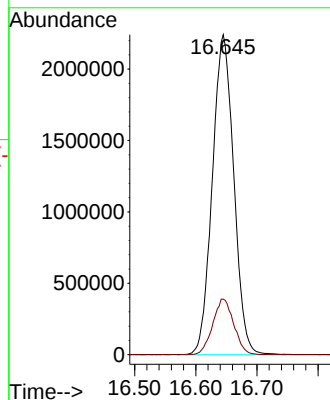
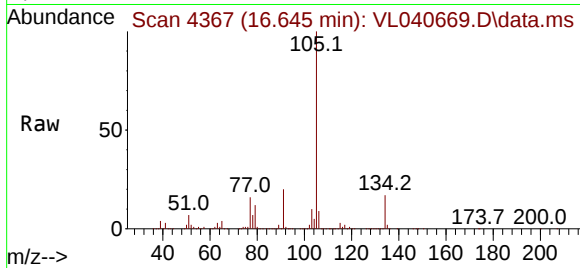
#67
 sec-Butylbenzene
 Concen: 10.594 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

Tgt Ion:105 Resp: 545298
 Ion Ratio Lower Upper
 105 100
 134 17.1 13.8 20.8

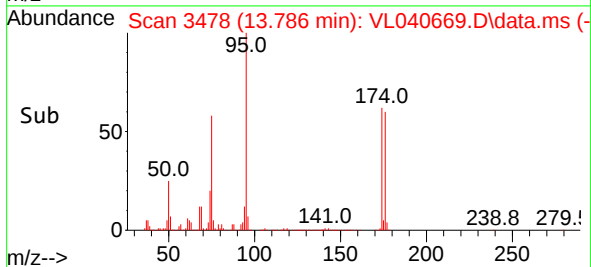
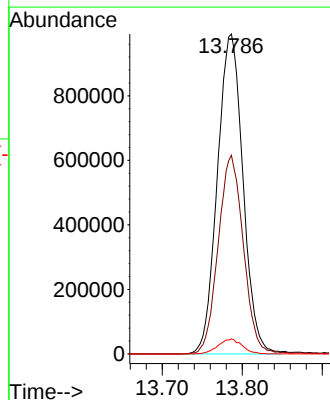
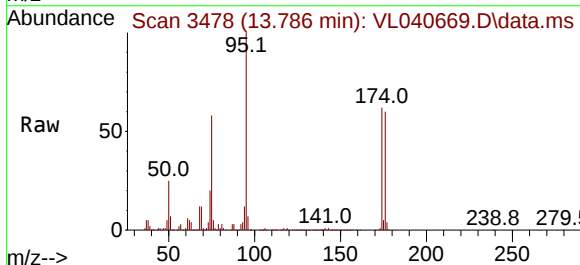
Manual Integrations
 APPROVED

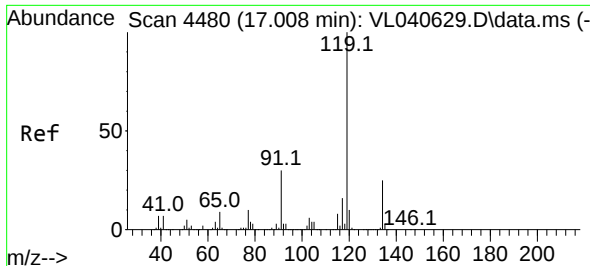
Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.731 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

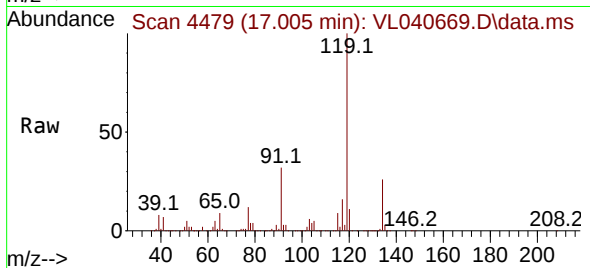
Tgt Ion: 95 Resp: 2201631
 Ion Ratio Lower Upper
 95 100
 174 61.6 49.1 73.7
 175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 11.064 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

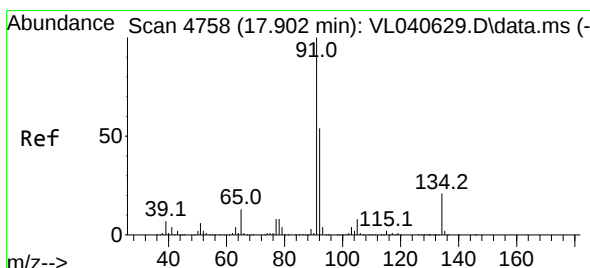
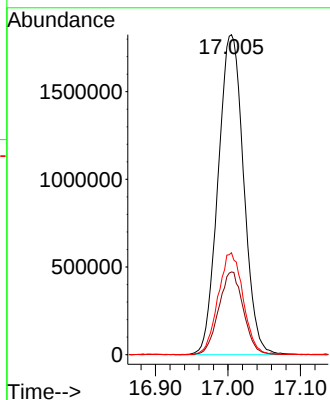
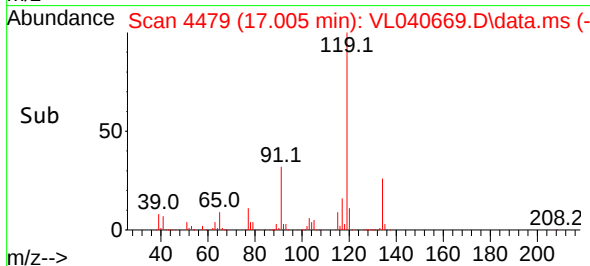
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



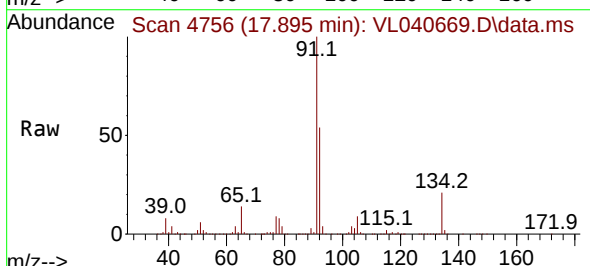
Tgt Ion: 119 Resp: 4455958
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 31.4 24.2 36.4

Manual Integrations
APPROVED

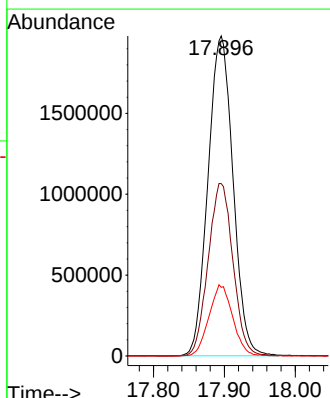
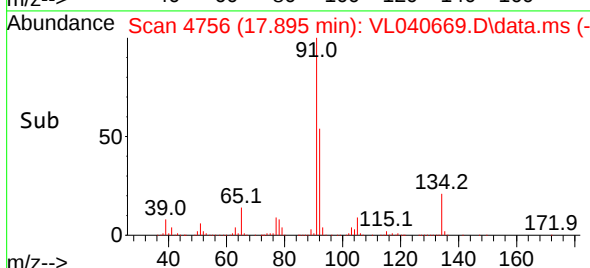
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

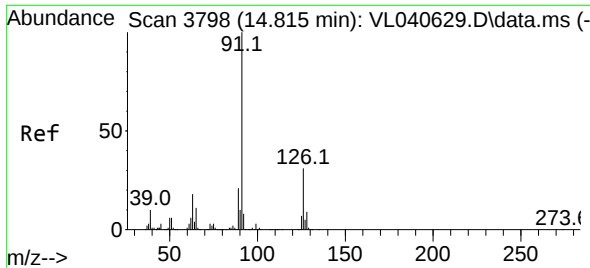


#70
n-Butylbenzene
Concen: 11.040 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



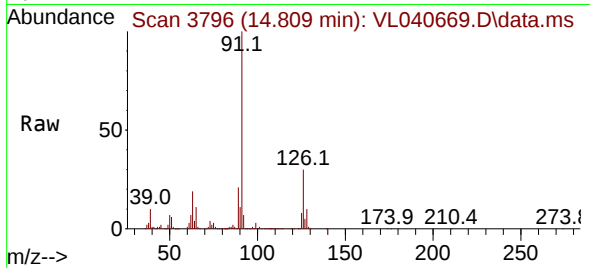
Tgt Ion: 91 Resp: 4854509
Ion Ratio Lower Upper
91 100
92 53.5 42.9 64.3
134 21.2 17.0 25.6





#71
2-Chlorotoluene
Concen: 11.086 ppbv
RT: 14.809 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

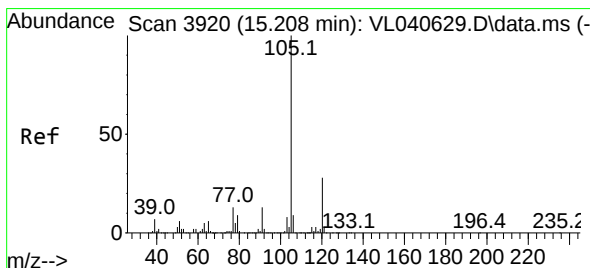
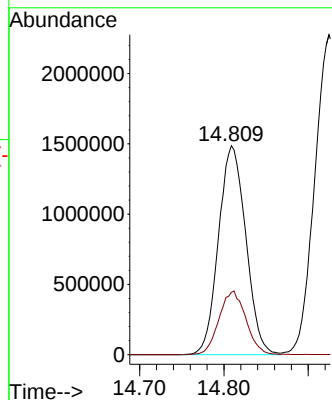
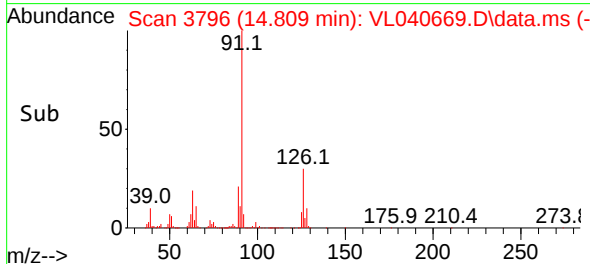
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



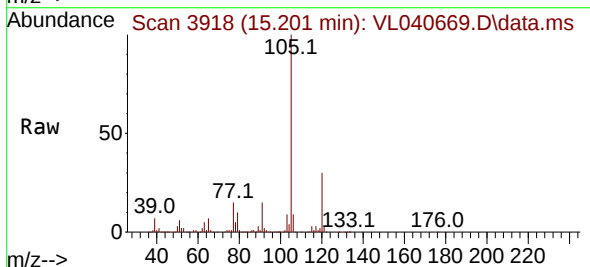
Tgt Ion: 91 Resp: 3348208
Ion Ratio Lower Upper
91 100
126 30.1 12.2 49.0

Manual Integrations
APPROVED

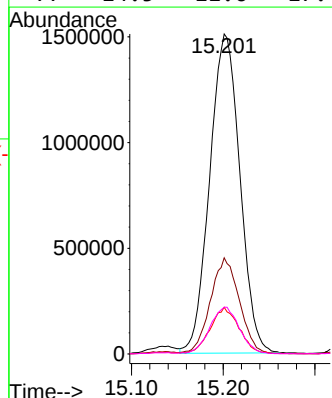
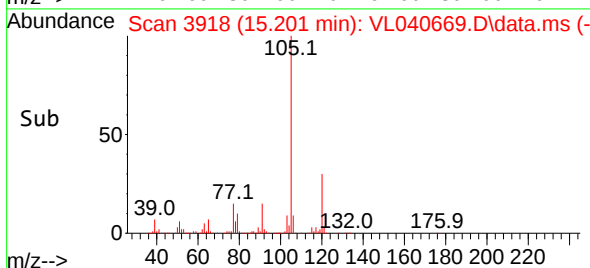
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

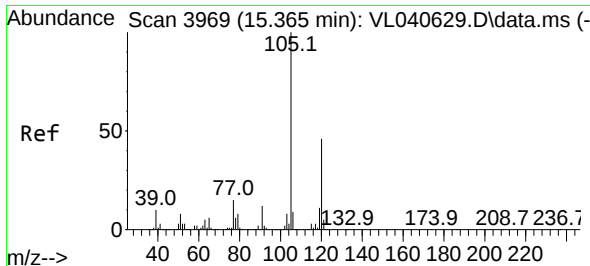


#72
4-Ethyltoluene
Concen: 11.386 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



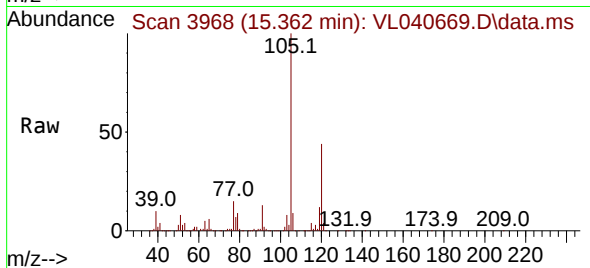
Tgt Ion:105 Resp: 3457213
Ion Ratio Lower Upper
105 100
120 28.9 23.0 34.6
91 13.9 10.9 16.3
77 14.5 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 10.978 ppbv
RT: 15.362 min Scan# 3969
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

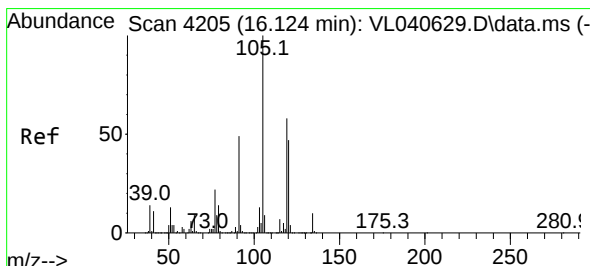
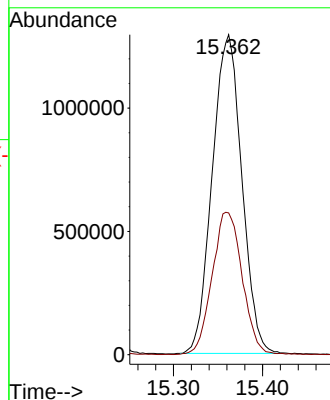
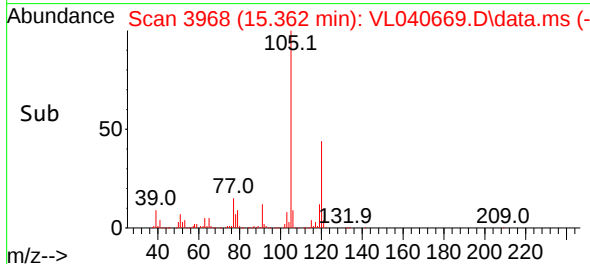
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



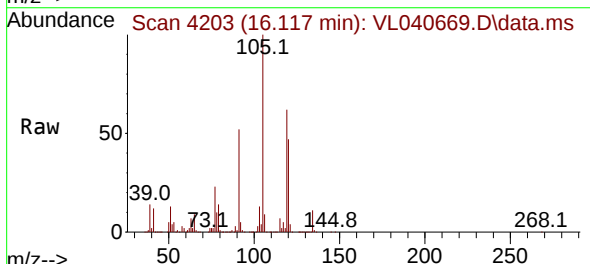
Tgt Ion:105 Resp: 2979589
Ion Ratio Lower Upper
105 100
120 44.3 36.5 54.7

Manual Integrations
APPROVED

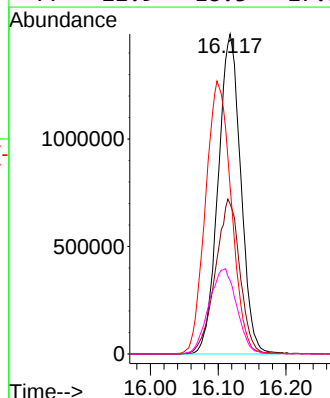
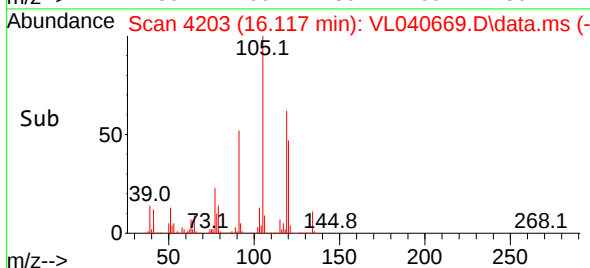
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

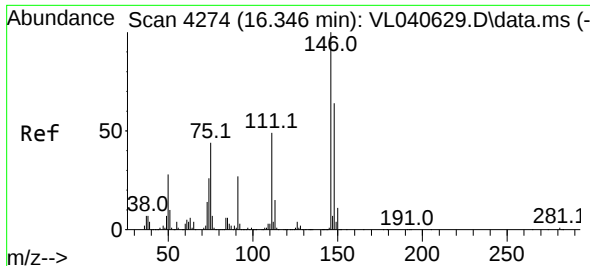


#74
1,2,4-Trimethylbenzene
Concen: 10.906 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



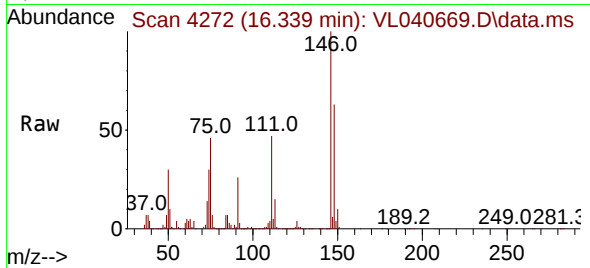
Tgt Ion:105 Resp: 3456937
Ion Ratio Lower Upper
105 100
120 46.8 37.7 56.5
91 52.0 41.2 61.8
77 22.9 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 10.702 ppbv
RT: 16.339 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

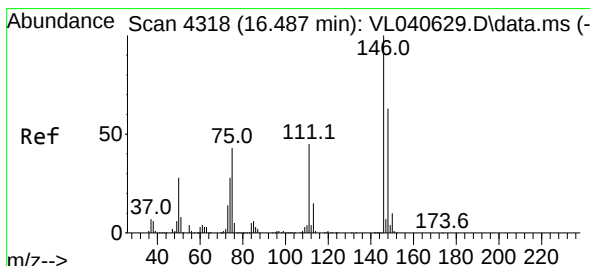
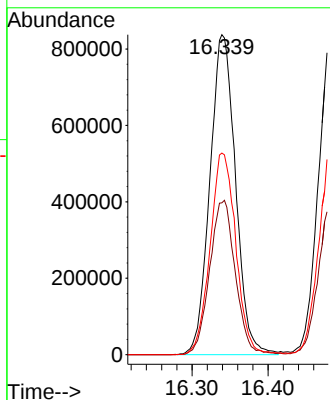
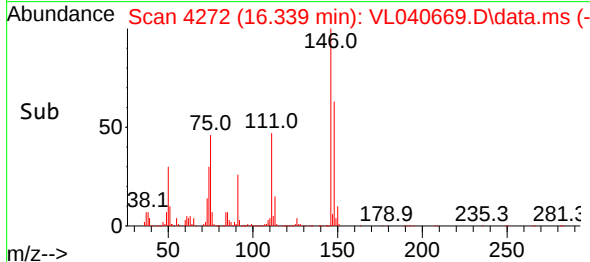
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



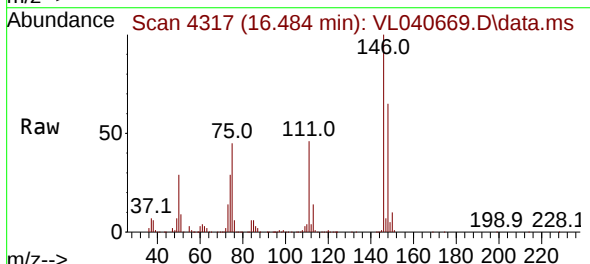
Tgt Ion:146 Resp: 1961340
Ion Ratio Lower Upper
146 100
111 48.4 23.7 71.1
148 63.4 31.7 95.1

Manual Integrations
APPROVED

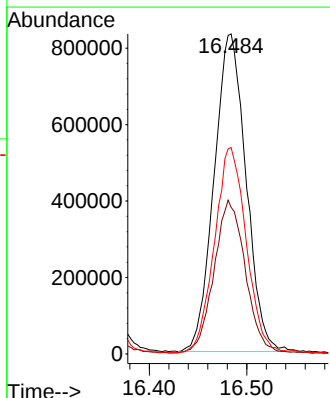
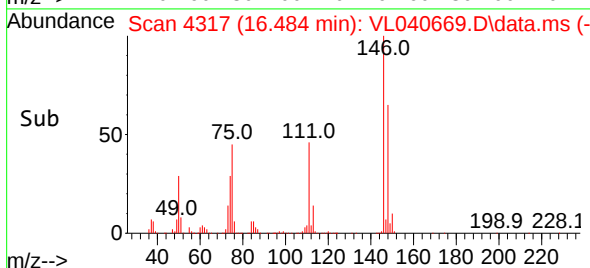
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

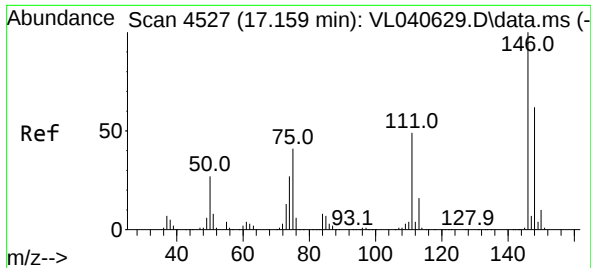


#76
1,4-Dichlorobenzene
Concen: 10.540 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.003 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



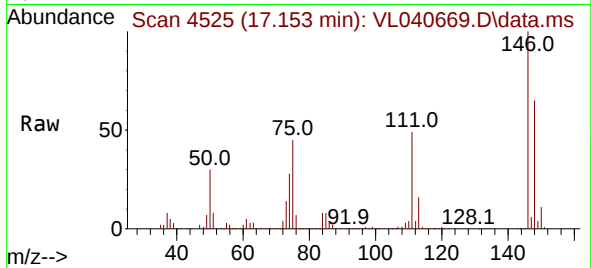
Tgt Ion:146 Resp: 1888430
Ion Ratio Lower Upper
146 100
111 48.2 23.2 69.5
148 66.0 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.446 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09

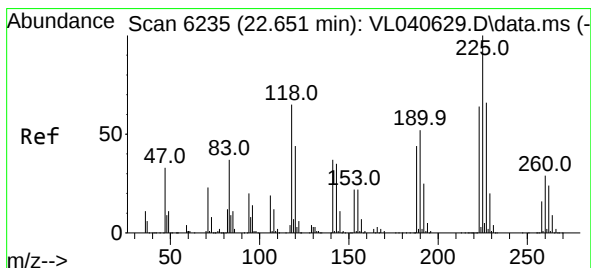
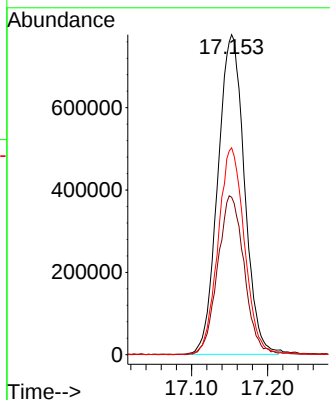
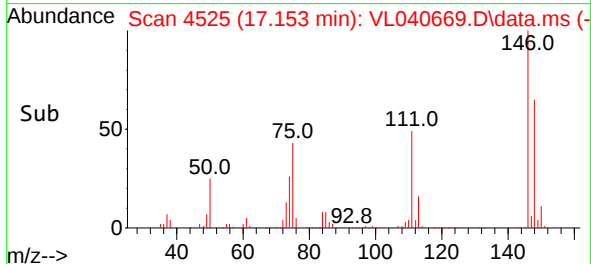
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01



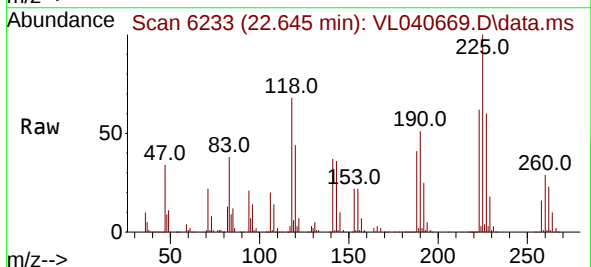
Tgt Ion:146 Resp: 188356
Ion Ratio Lower Upper
146 100
111 50.0 24.6 74.0
148 64.7 32.1 96.5

Manual Integrations
APPROVED

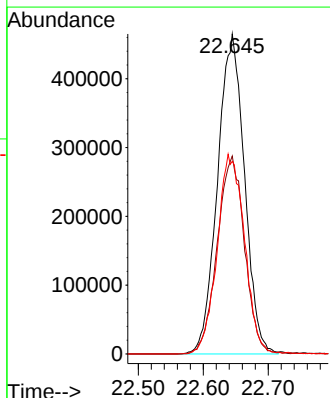
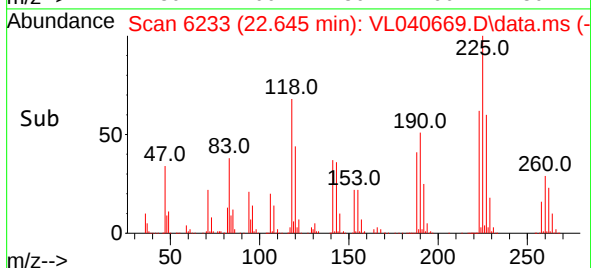
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

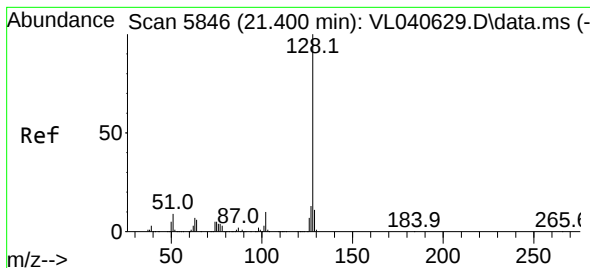


#78
Hexachloro-1,3-Butadiene
Concen: 9.781 ppbv
RT: 22.645 min Scan# 6233
Delta R.T. -0.006 min
Lab File: VL040669.D
Acq: 7 Sep 2023 12:09



Tgt Ion:225 Resp: 1338043
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 63.5 51.2 76.8





#79

Naphthalene

Concen: 13.507 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. -0.006 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

Tgt Ion:128 Resp: 2827509

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

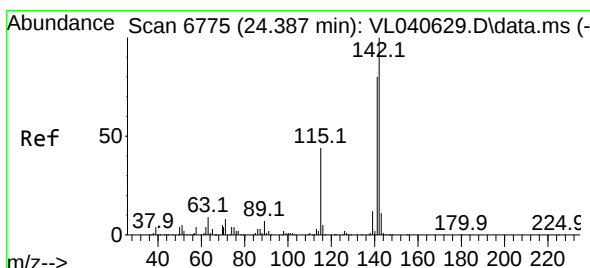
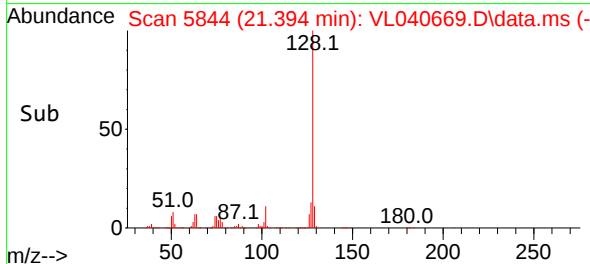
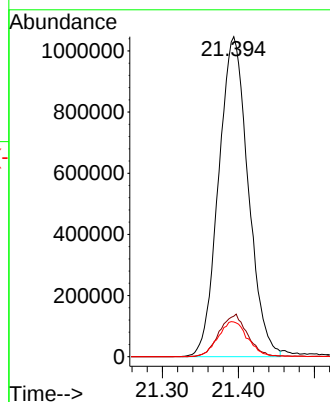
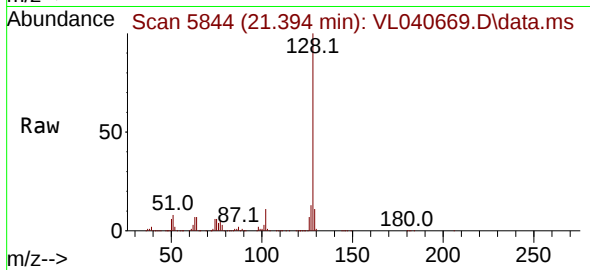
129 10.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#80

Naphthalene,2-methyl-

Concen: 14.398 ppbv

RT: 24.381 min Scan# 6773

Delta R.T. -0.006 min

Lab File: VL040669.D

Acq: 7 Sep 2023 12:09

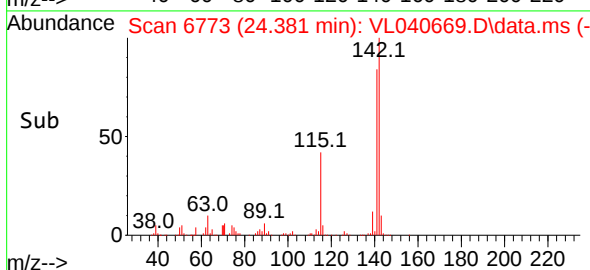
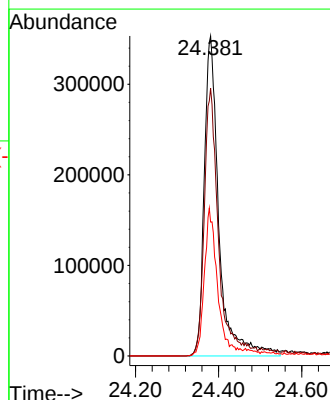
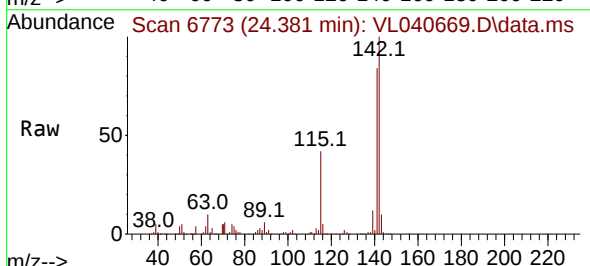
Tgt Ion:142 Resp: 867321

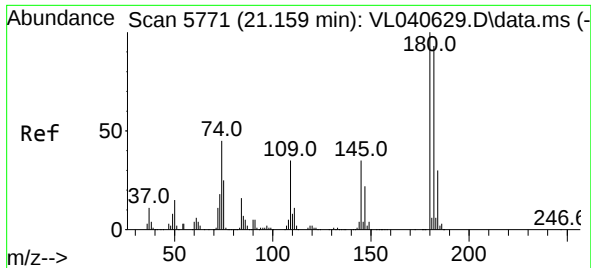
Ion Ratio Lower Upper

142 100

141 84.6 64.6 96.8

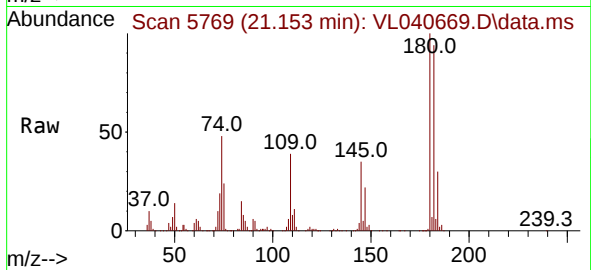
115 43.4 33.7 50.5





#81
 1,2,4-Trichlorobenzene
 Concen: 11.375 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VL040669.D
 Acq: 7 Sep 2023 12:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01



Tgt Ion:180 Resp: 156733
 Ion Ratio Lower Upper
 180 100
 182 96.3 78.0 117.0
 184 30.8 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

