

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091423\
 Data File : VL040690.D
 Acq On : 14 Sep 2023 19:08
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL091423

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2023
 Supervised By : Mahesh Dadoda 09/15/2023

Quant Time: Sep 14 19:55:41 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

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

QLast Update : Thu Sep 14 19:50:34 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1236451	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3181242	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2916525	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 2327009 10.327 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	2428390	8.914	ppbv	100
3) Chlorodifluoromethane	2.664	51	1794015	8.906	ppbv	98
4) Chloromethane	2.803	50	689797	8.945	ppbv	96
5) Vinyl Chloride	2.909	62	765225	8.396	ppbv	97
6) Bromomethane	3.108	94	403219	9.170	ppbv	94
7) Chloroethane	3.189	64	292757	9.352	ppbv	97
8) Dichlorotetrafluoroethane	2.844	85	1980176	8.805	ppbv	99
9) Propene	2.684	41	542296	9.345	ppbv	100
10) Heptane	7.571	43	1303808	9.971	ppbv	97
11) Trichlorofluoromethane	3.552	101	2103616	8.784	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.057	101	1543756	9.011	ppbv	99
13) Ethanol	3.230	45	127570	7.427	ppbv	96
14) Bromoethene	3.356	108	664638	9.250	ppbv	99
15) Acetone	3.455	43	1380560	8.465	ppbv	99
16) 1,3-Butadiene	2.973	39	702778	9.887	ppbv	99
17) tert-Butyl alcohol	3.867	59	1590210	9.519	ppbv	100
18) 1,1-Dichloroethene	3.870	96	710769	9.334	ppbv	95
19) Isopropyl Alcohol	3.565	45	944930	9.616	ppbv #	98
20) Methylene Chloride	3.922	84	619672m	7.059	ppbv	
21) Allyl Chloride	3.986	41	951431	9.519	ppbv	98
22) trans-1,2-Dichloroethene	4.436	96	708661	9.412	ppbv	100
23) Vinyl Acetate	4.616	43	1603884	9.509	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1426023	9.034	ppbv	99
25) Ethyl Acetate	5.195	43	2472518	9.400	ppbv	99
26) Hexane	5.201	57	1084561	8.720	ppbv	98
27) Carbon Disulfide	4.115	76	1768380	10.195	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	1003675	9.379	ppbv	100
29) Chloroform	5.266	83	1942171	9.044	ppbv	99
30) Cyclohexane	6.590	84	913979	9.758	ppbv	99
31) cis-1,2-Dichloroethene	5.069	61	1141479	9.892	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1997194	9.097	ppbv	99
34) 2-Butanone	4.777	43	1485198	9.283	ppbv	99
35) Carbon Tetrachloride	6.484	117	2084719	9.544	ppbv	97
36) Benzene	6.362	78	2288266	9.713	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1503734	9.327	ppbv	99
38) Trichloroethene	7.285	130	943927	10.507	ppbv	96
39) 1,2-Dichloropropane	7.063	63	863524	9.523	ppbv	99
40) 1,4-Dioxane	7.278	88	343387	10.017	ppbv #	95
41) Tetrahydrofuran	5.545	42	818174	9.973	ppbv	99
42) Bromodichloromethane	7.243	83	2139588	9.726	ppbv	97
43) Methyl Methacrylate	7.465	69	934649	10.674	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	3747197	9.990	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	792733	11.675	ppbv	98

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Quant Time: Sep 14 19:55:41 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

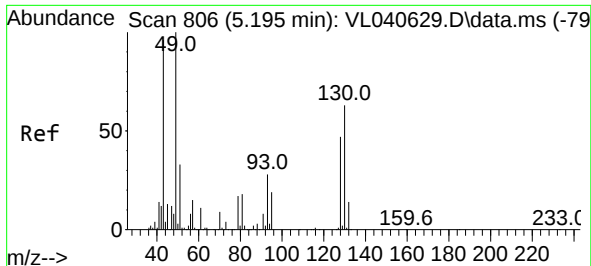
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Sep 14 19:50:34 2023

Response via : Initial Calibration

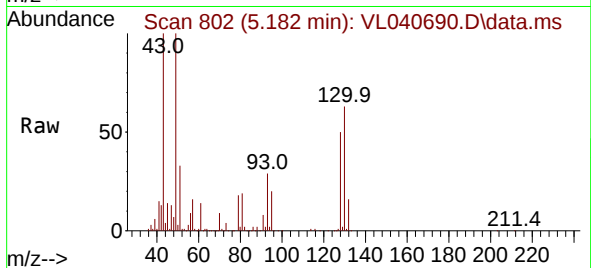
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	951217	11.450	ppbv	99
47) 1,1,2-Trichloroethane	8.889	97	997954	9.590	ppbv	99
48) Dibromochloromethane	9.703	129	1778914	10.363	ppbv	99
49) Bromoform	12.400	173	1478905	10.490	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2235547	10.341	ppbv	99
51) 2-Hexanone	9.542	43	1604561	10.753	ppbv #	98
52) Tetrachloroethene	10.609	164	795461	10.352	ppbv	95
53) Toluene	9.211	91	2658083	10.687	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1418935	10.683	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.503	131	1312723	9.442	ppbv	95
57) Chlorobenzene	11.519	112	2126986	9.630	ppbv	98
58) Ethyl Benzene	12.079	91	3615196	10.872	ppbv	99
59) m/p-Xylene	12.368	91	6441013m	20.629	ppbv	
60) o-Xylene	13.050	91	3129932	10.511	ppbv	100
61) Styrene	12.892	104	1505756	12.066	ppbv	99
62) Isopropylbenzene	14.021	105	4497865	10.004	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	2231007	9.560	ppbv	99
64) n-propylbenzene	14.908	120	1177619	10.476	ppbv	97
65) tert-Butylbenzene	16.085	119	4033735	9.996	ppbv	100
66) Benzyl Chloride	16.320	91	527624	11.204	ppbv	99
67) sec-Butylbenzene	16.625	105	5686994	9.845	ppbv	99
69) p-Isopropyltoluene	16.989	119	4583101	10.095	ppbv	99
70) n-Butylbenzene	17.876	91	4959800	9.926	ppbv	99
71) 2-Chlorotoluene	14.793	91	3476968	10.453	ppbv	99
72) 4-Ethyltoluene	15.185	105	3580210	10.722	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3100173	10.311	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	3555980	9.701	ppbv	93
75) 1,3-Dichlorobenzene	16.323	146	2013351	9.641	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1969734	9.586	ppbv	100
77) 1,2-Dichlorobenzene	17.137	146	1962134	9.433	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1379783	8.767	ppbv	99
79) Naphthalene	21.371	128	2908581	12.752	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	866188	15.505	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1537975	10.322	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

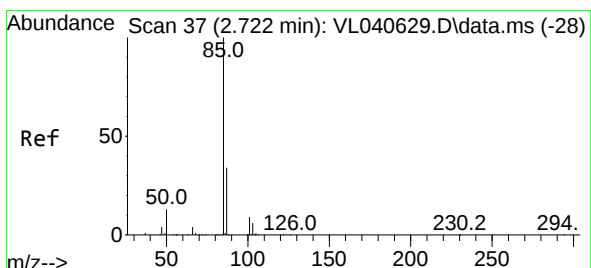
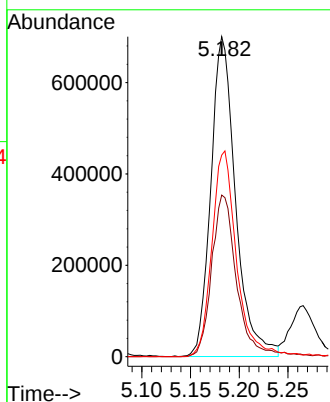
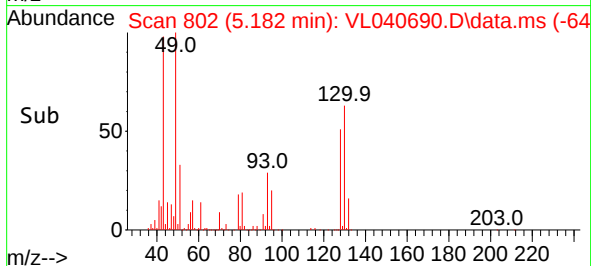
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



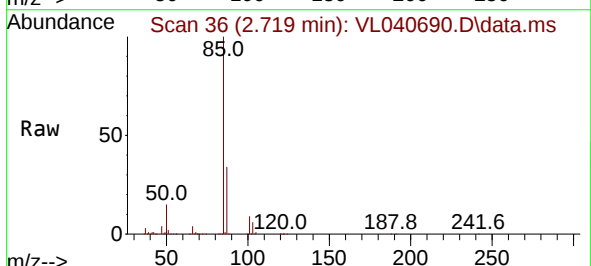
Tgt Ion: 49 Resp: 123645
Ion Ratio Lower Upper
49 100
128 51.8 25.4 76.0
130 65.0 32.3 96.8

Manual Integrations
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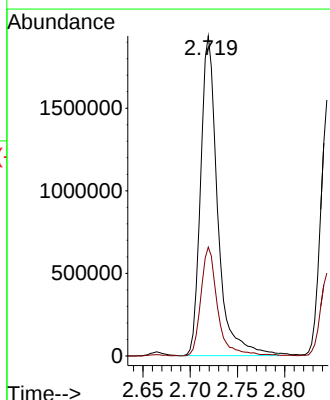
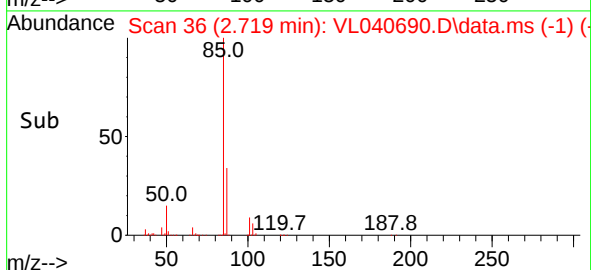
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

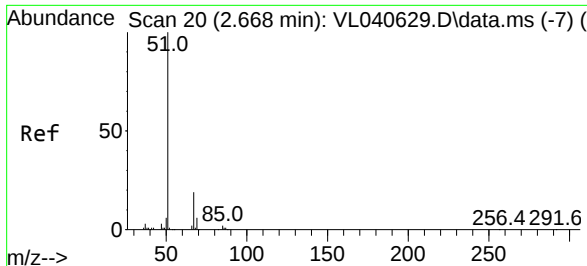


#2
Dichlorodifluoromethane
Concen: 8.914 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



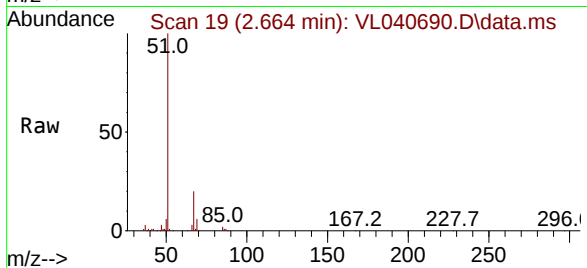
Tgt Ion: 85 Resp: 2428390
Ion Ratio Lower Upper
85 100
87 34.0 27.2 40.8





#3
Chlorodifluoromethane
Concen: 8.906 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

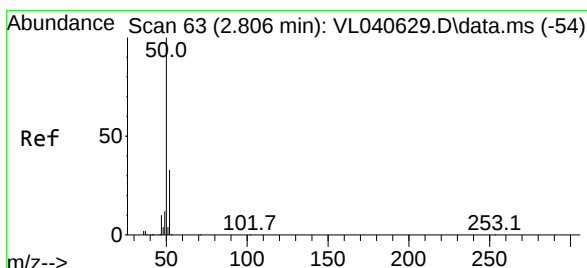
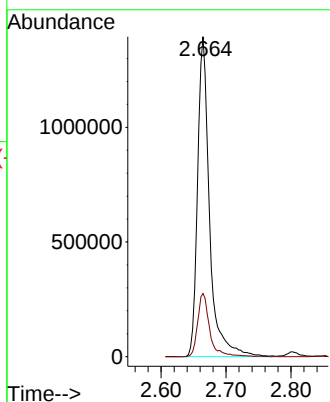
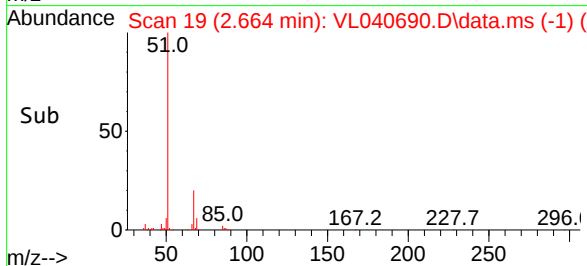
Instrument : MSVOA_L
ClientSampleId : ICVVL091423



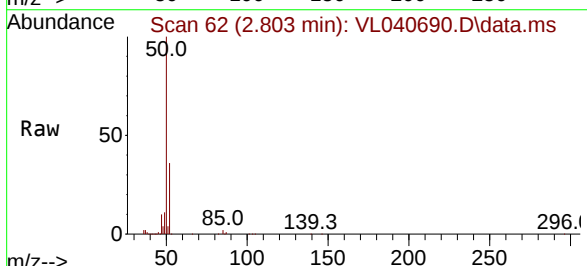
Tgt Ion: 51 Resp: 1794015
Ion Ratio Lower Upper
51 100
67 20.0 16.7 25.1

Manual Integrations
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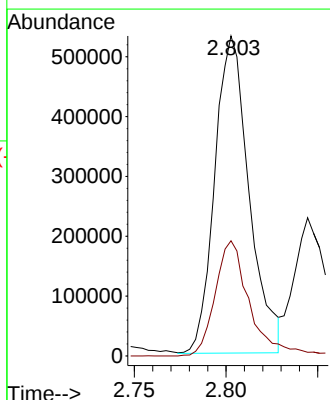
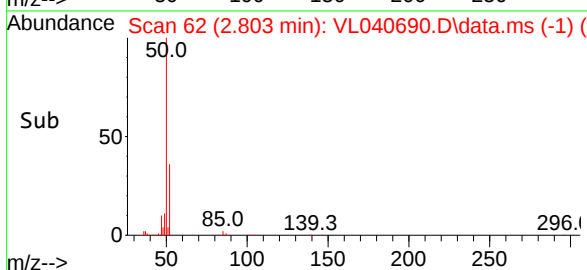
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Supervised By :Mahesh Dadoda 09/15/2023

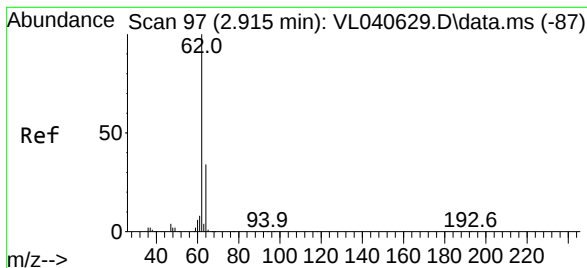


#4
Chloromethane
Concen: 8.945 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



Tgt Ion: 50 Resp: 689797
Ion Ratio Lower Upper
50 100
52 36.4 27.1 40.7





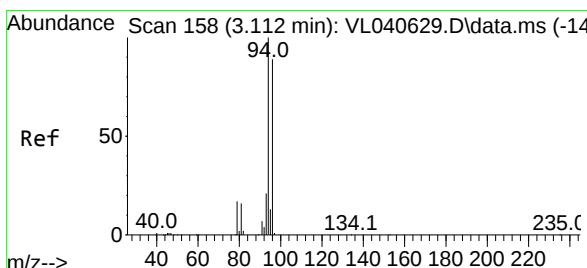
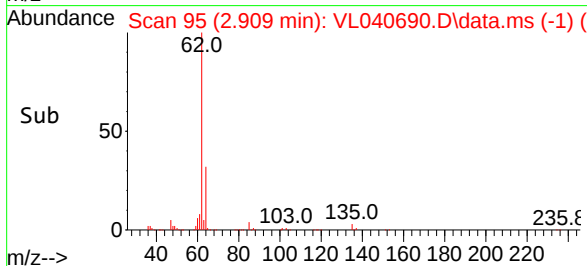
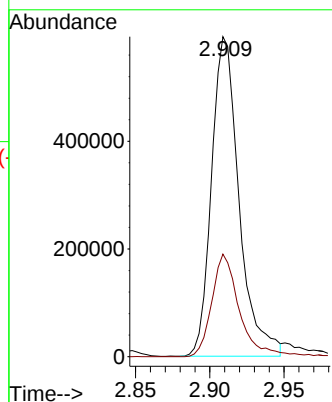
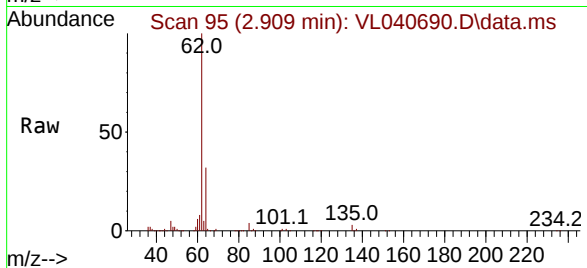
#5
 Vinyl Chloride
 Concen: 8.396 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091423

Tgt Ion: 62 Resp: 765225
 Ion Ratio Lower Upper
 62 100
 64 32.1 27.2 40.8

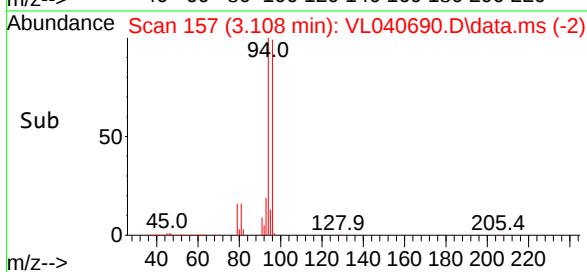
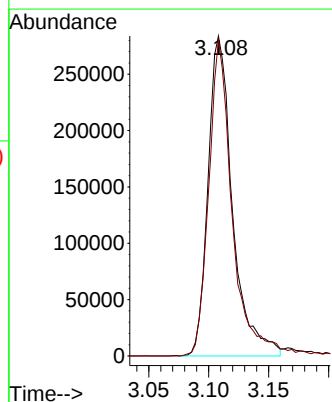
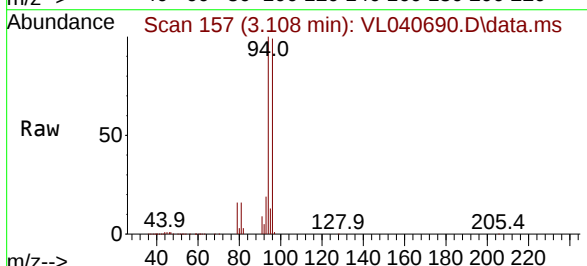
Manual Integrations
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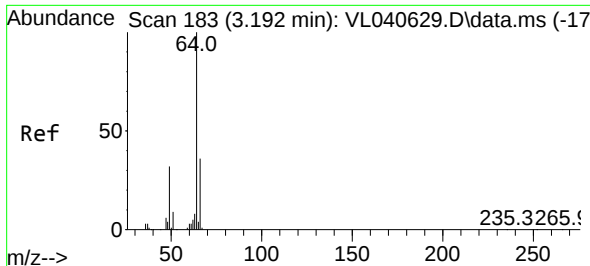
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#6
 Bromomethane
 Concen: 9.170 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

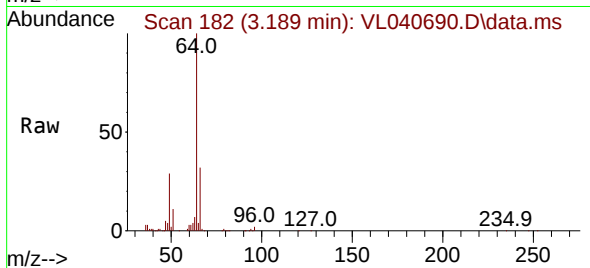
Tgt Ion: 94 Resp: 403219
 Ion Ratio Lower Upper
 94 100
 96 98.8 74.4 111.6





#7
Chloroethane
Concen: 9.352 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

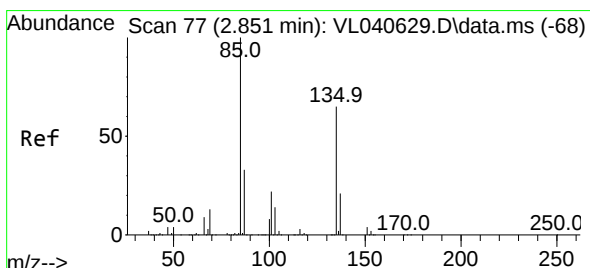
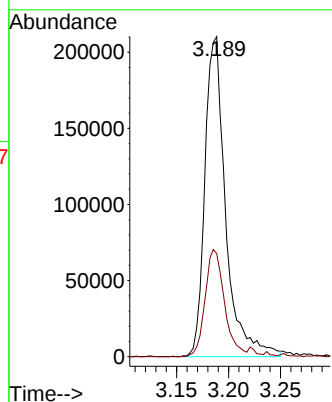
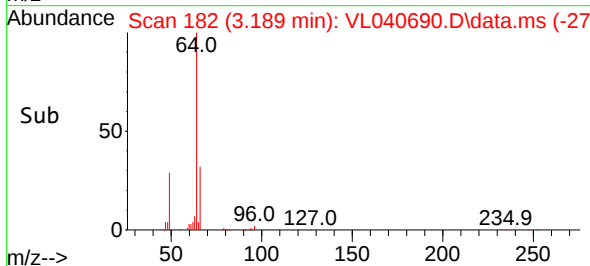
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



Tgt Ion: 64 Resp: 29275
Ion Ratio Lower Upper
64 100
66 32.3 24.5 36.7

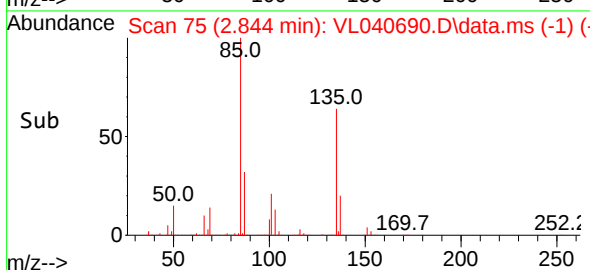
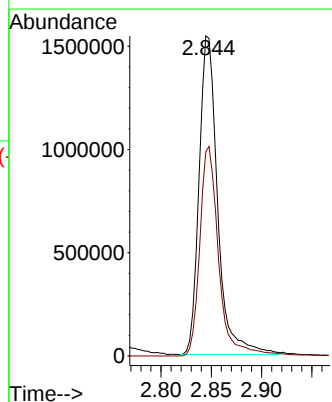
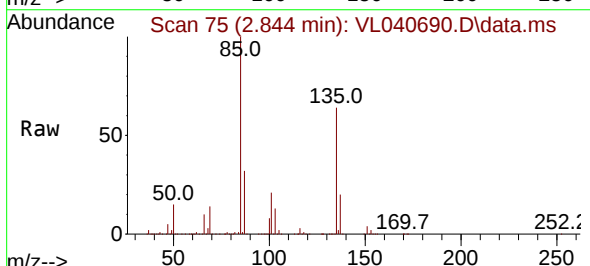
Manual Integrations
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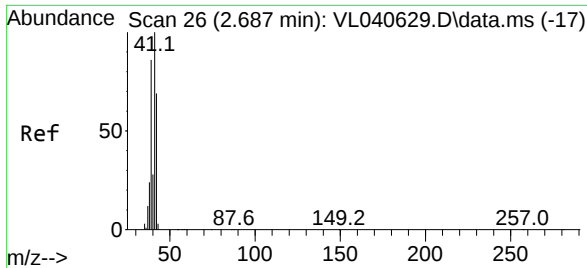
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#8
Dichlorotetrafluoroethane
Concen: 8.805 ppbv
RT: 2.844 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

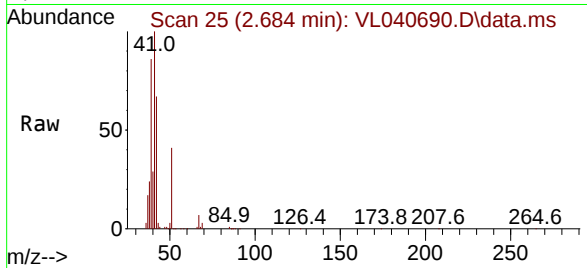
Tgt Ion: 85 Resp: 1980176
Ion Ratio Lower Upper
85 100
135 67.3 53.4 80.2





#9
 Propene
 Concen: 9.345 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

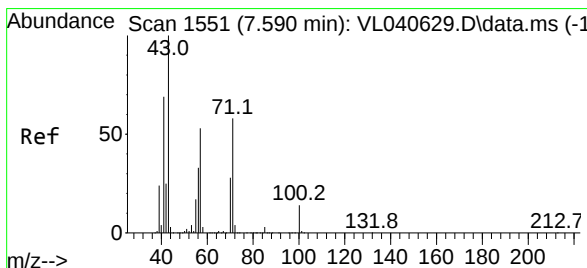
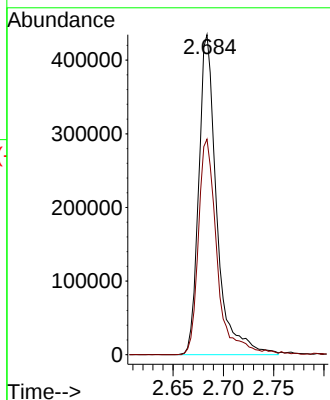
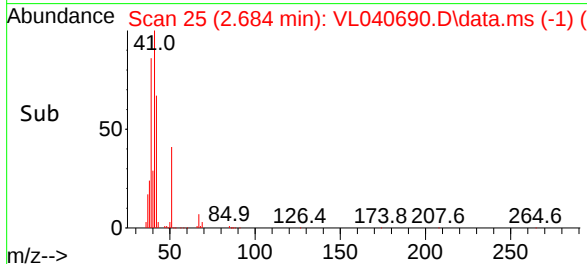
Instrument :
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 ClientSampleId :
 ICVVL091423



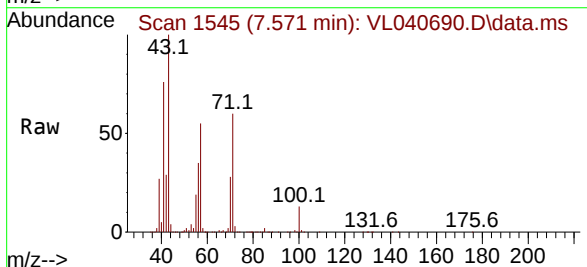
Tgt Ion: 41 Resp: 542290
 Ion Ratio Lower Upper
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 42 70.7 56.7 85.1

Manual Integrations
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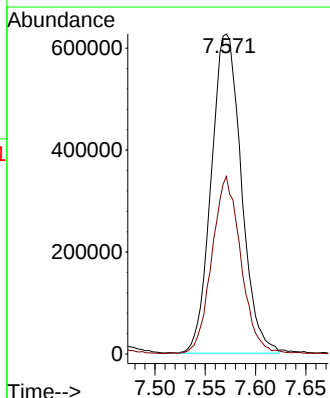
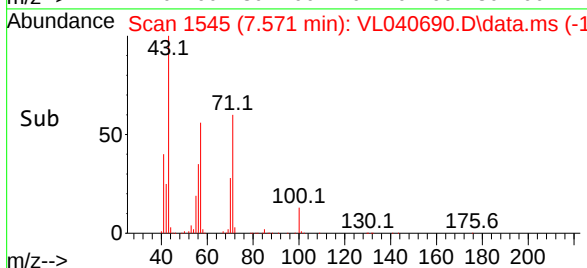
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

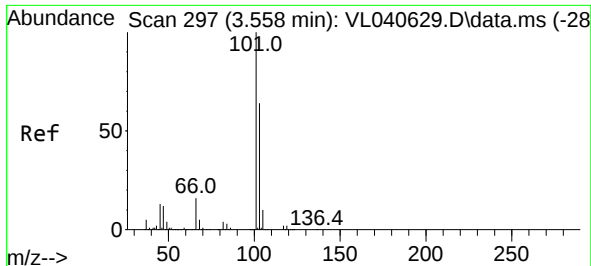


#10
 Heptane
 Concen: 9.971 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.003 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08



Tgt Ion: 43 Resp: 1303808
 Ion Ratio Lower Upper
 43 100
 57 54.1 41.8 62.6





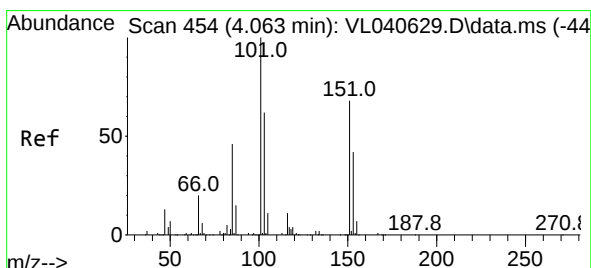
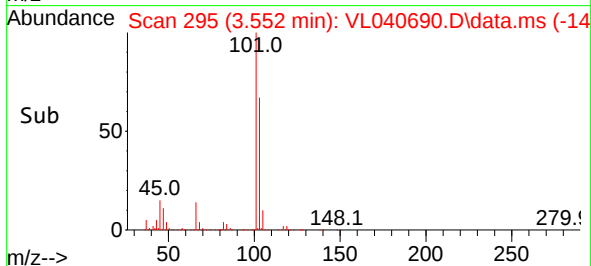
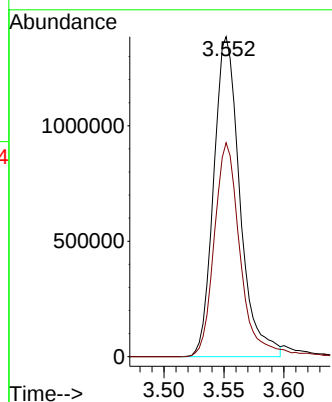
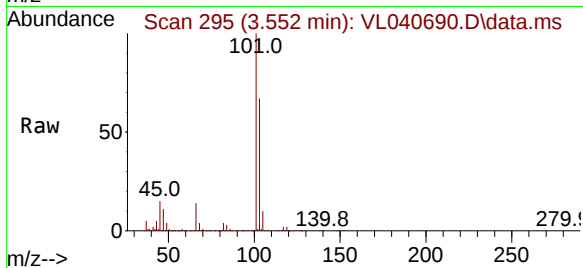
#11
Trichlorofluoromethane
Concen: 8.784 ppbv
RT: 3.552 min Scan# 297
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

Tgt Ion:101 Resp: 2103610
Ion Ratio Lower Upper
101 100
103 66.8 51.3 76.9

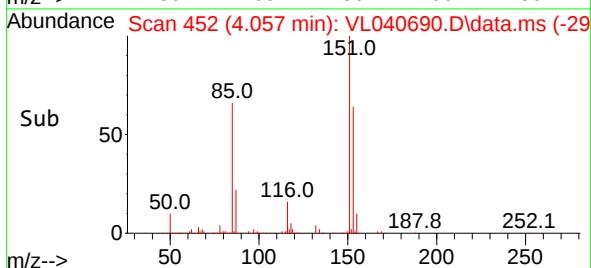
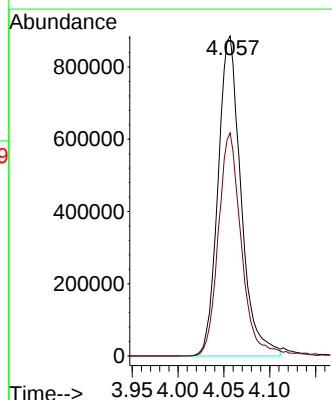
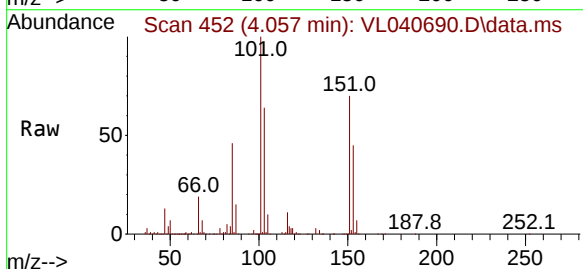
Manual Integrations
APPROVED

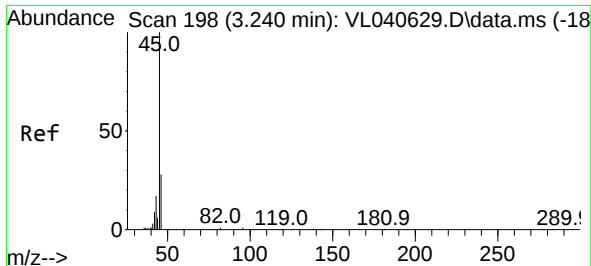
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.011 ppbv
RT: 4.057 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

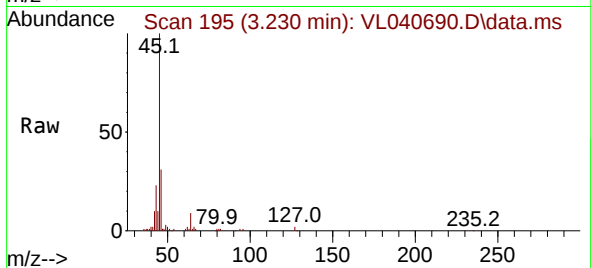
Tgt Ion:101 Resp: 1543756
Ion Ratio Lower Upper
101 100
151 70.4 56.8 85.2





#13
Ethanol
Concen: 7.427 ppbv
RT: 3.230 min Scan# 198
Delta R.T. 0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

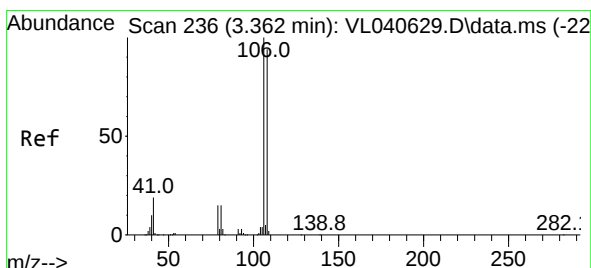
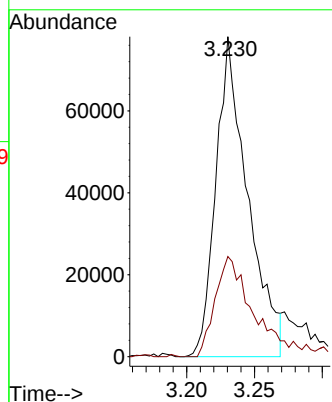
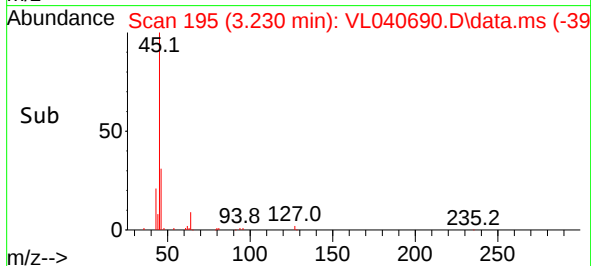
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



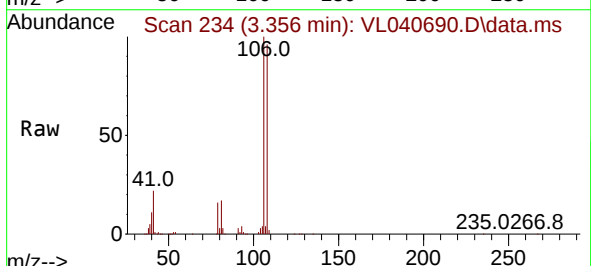
Tgt Ion: 45 Resp: 127570
Ion Ratio Lower Upper
45 100
46 40.5 15.2 61.0

Manual Integrations
APPROVED

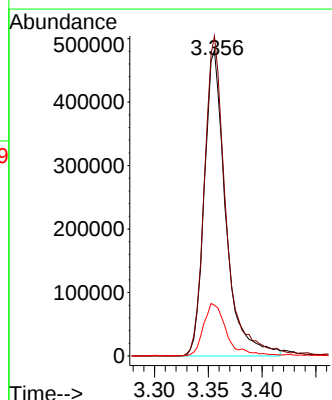
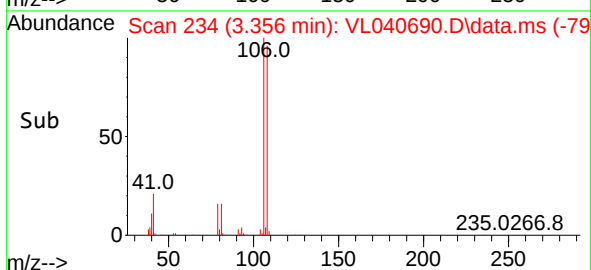
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

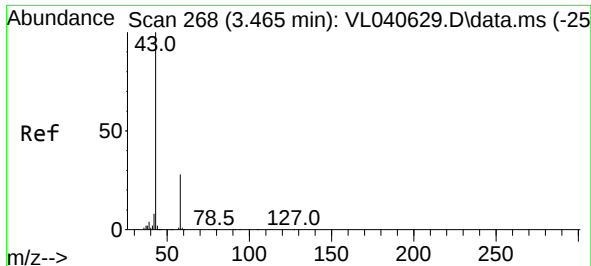


#14
Bromoethene
Concen: 9.250 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



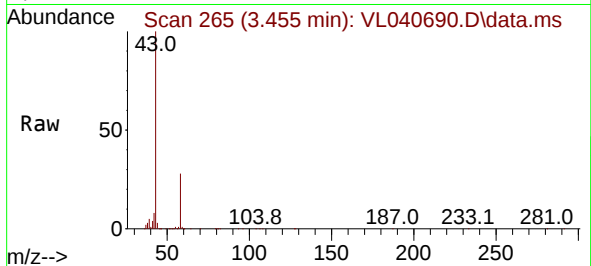
Tgt Ion:108 Resp: 664638
Ion Ratio Lower Upper
108 100
106 106.2 86.0 129.0
79 19.3 15.6 23.4





#15
Acetone
Concen: 8.465 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

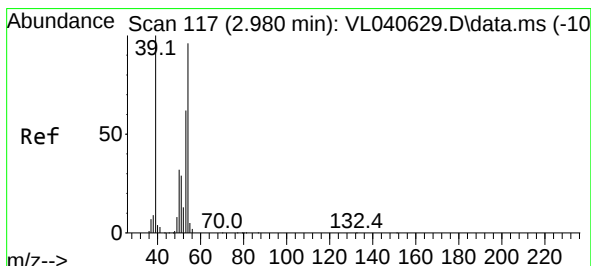
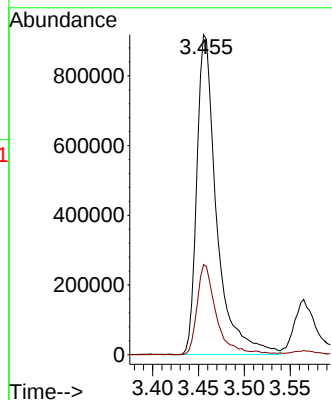
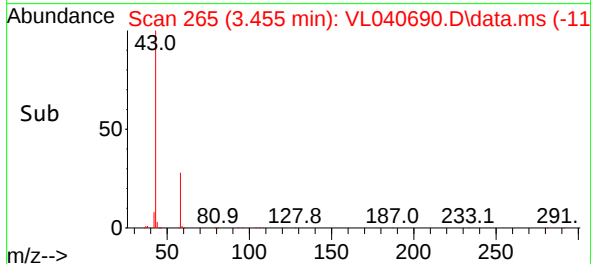
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



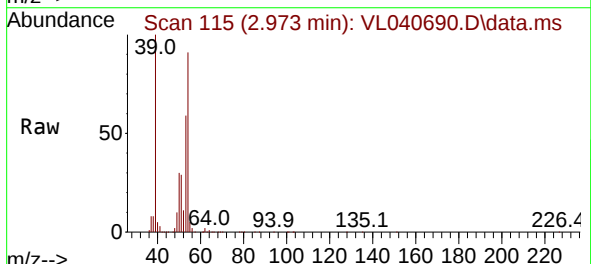
Tgt Ion: 43 Resp: 138056
Ion Ratio Lower Upper
43 100
58 27.7 22.6 34.0

Manual Integrations
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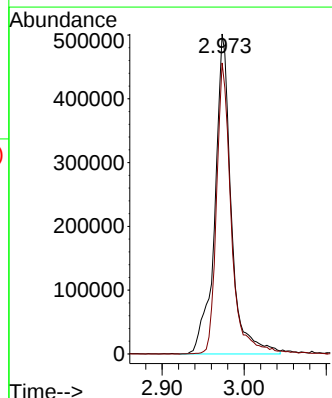
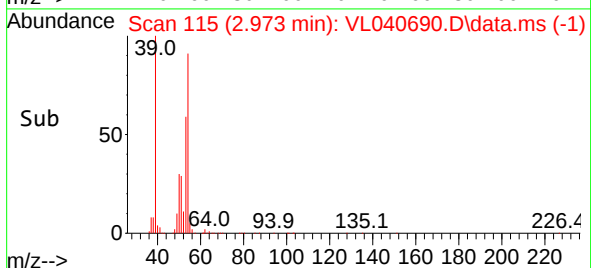
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

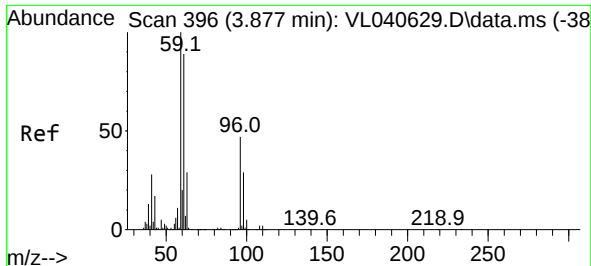


#16
1,3-Butadiene
Concen: 9.887 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



Tgt Ion: 39 Resp: 702778
Ion Ratio Lower Upper
39 100
54 82.1 64.8 97.2





#17

tert-Butyl alcohol

Concen: 9.519 ppbv

RT: 3.867 min Scan# 396

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

Tgt Ion: 59 Resp: 1590210

Ion Ratio Lower Upper

59 100

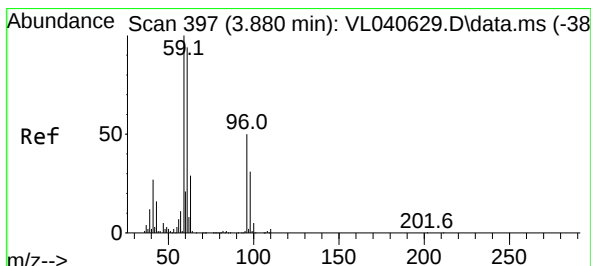
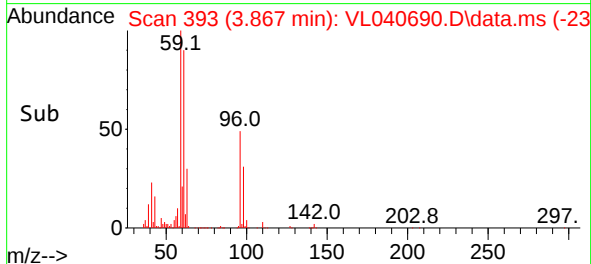
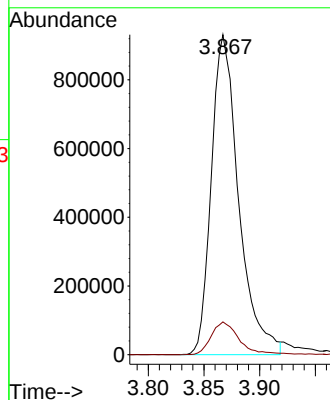
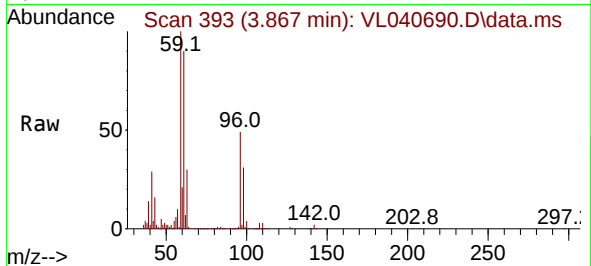
57 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#18

1,1-Dichloroethene

Concen: 9.334 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

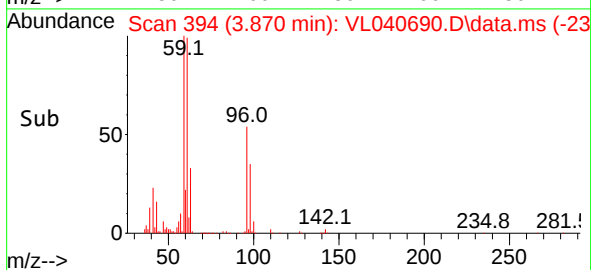
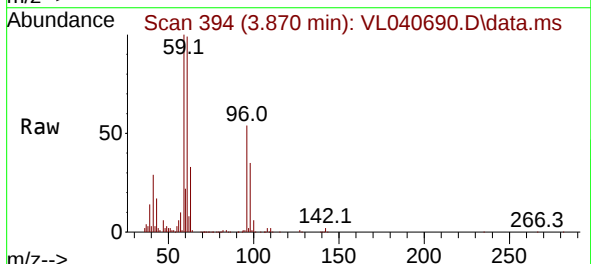
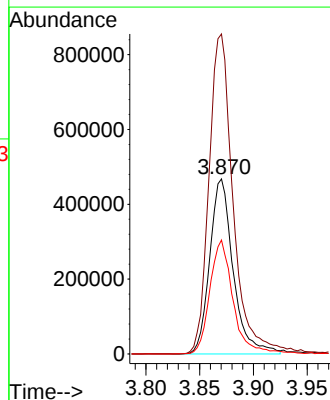
Tgt Ion: 96 Resp: 710769

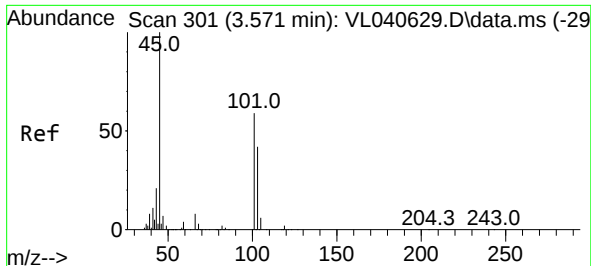
Ion Ratio Lower Upper

96 100

61 182.7 153.6 230.4

98 65.0 51.9 77.9





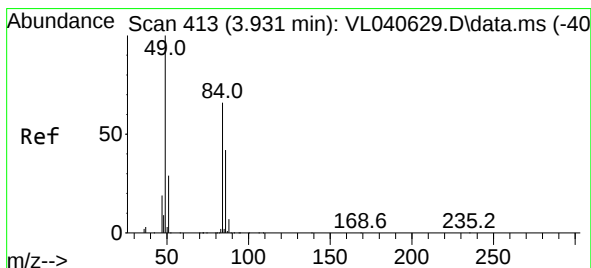
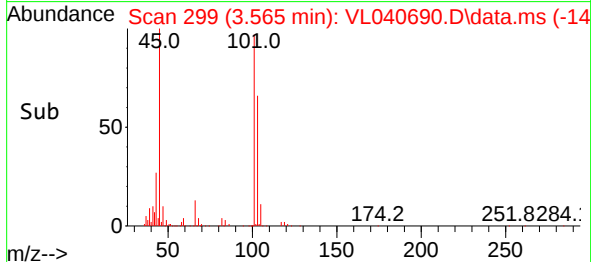
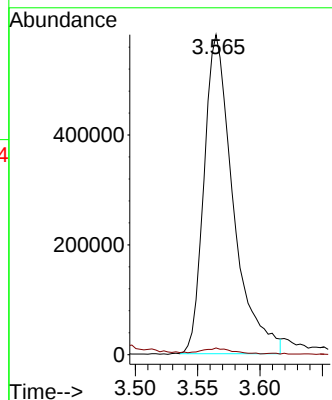
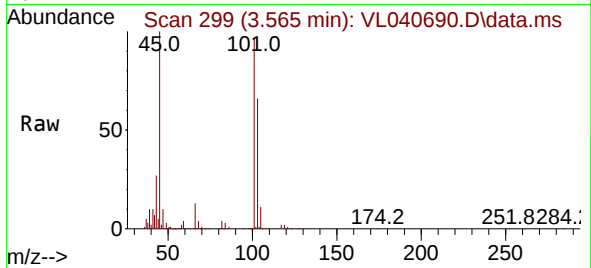
#19
Isopropyl Alcohol
Concen: 9.616 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Instrument : MSVOA_L
ClientSampleId : ICVVL091423

Tgt Ion: 45 Resp: 944930
Ion Ratio Lower Upper
45 100
58 3.2 1.9 2.9

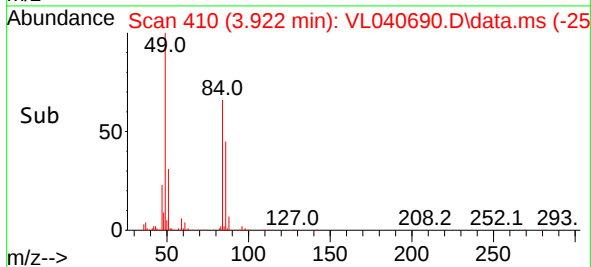
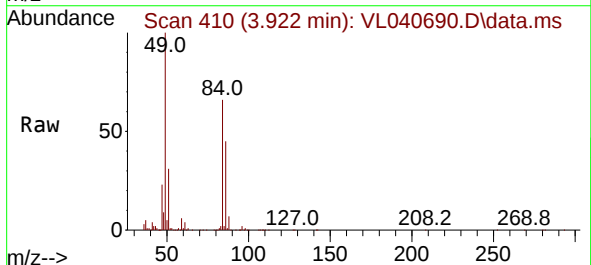
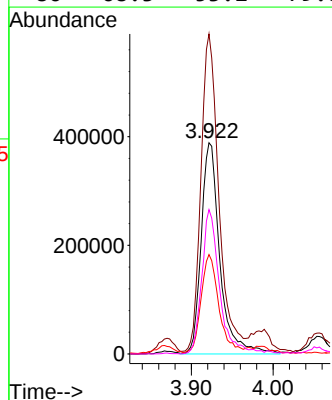
Manual Integrations
APPROVED

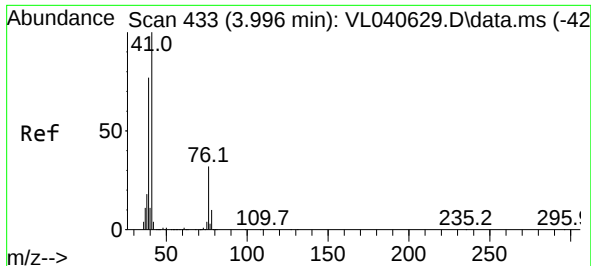
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#20
Methylene Chloride
Concen: 7.059 ppbv m
RT: 3.922 min Scan# 410
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 84 Resp: 619672
Ion Ratio Lower Upper
84 100
49 151.5 114.4 171.6
51 47.1 35.5 53.3
86 68.3 53.2 79.8





#21

Allyl Chloride

Concen: 9.519 ppbv

RT: 3.986 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

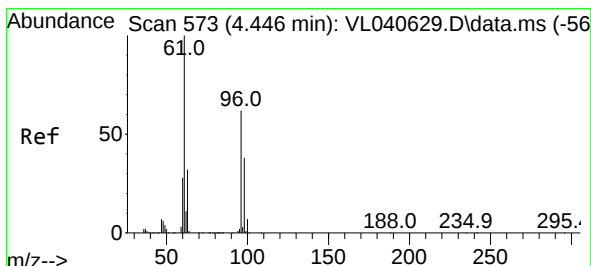
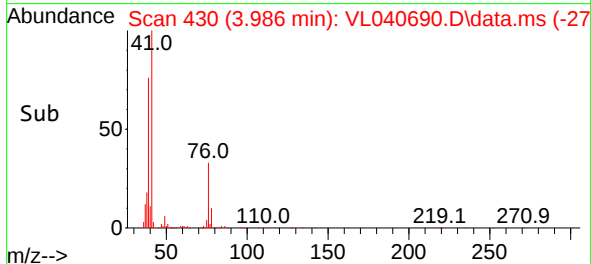
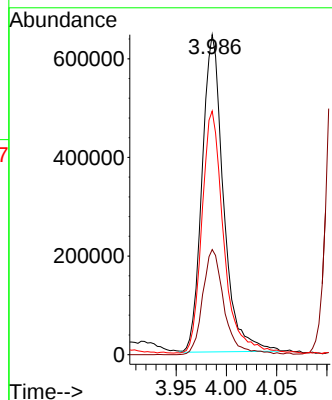
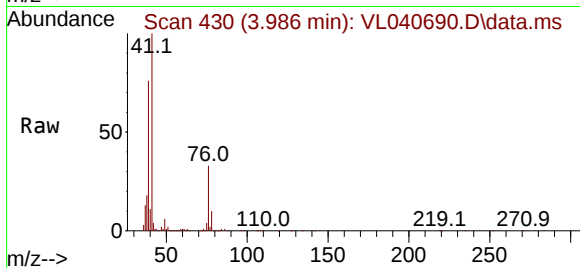
Tgt Ion: 41 Resp: 95143

Ion	Ratio	Lower	Upper
41	100		
76	33.5	26.6	40.0
39	78.6	65.0	97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#22

trans-1,2-Dichloroethene

Concen: 9.412 ppbv

RT: 4.436 min Scan# 570

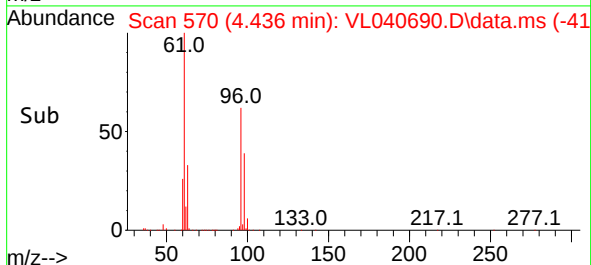
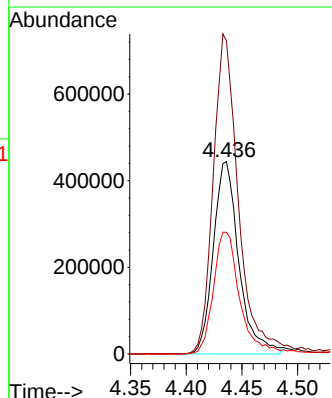
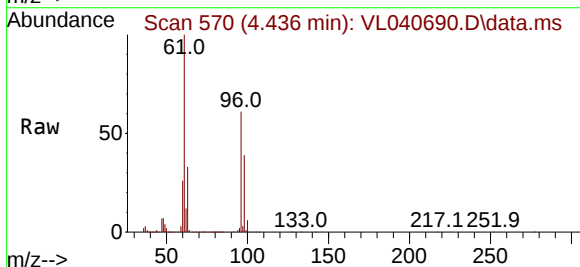
Delta R.T. 0.003 min

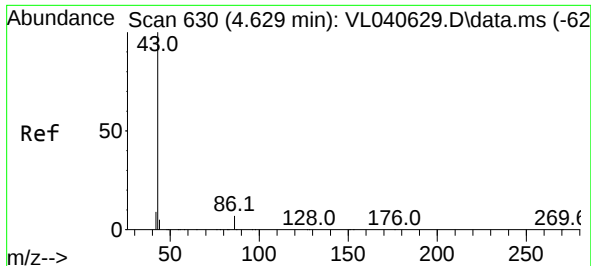
Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Tgt Ion: 96 Resp: 708661

Ion	Ratio	Lower	Upper
96	100		
61	162.8	129.9	194.9
98	63.2	50.2	75.4





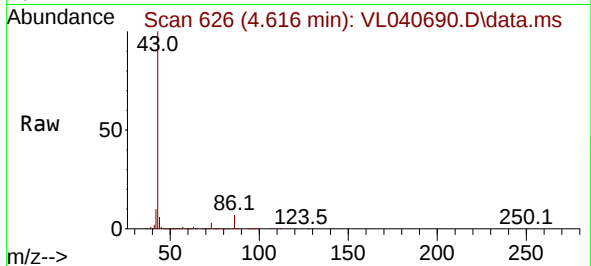
#23
 Vinyl Acetate
 Concen: 9.509 ppbv
 RT: 4.616 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

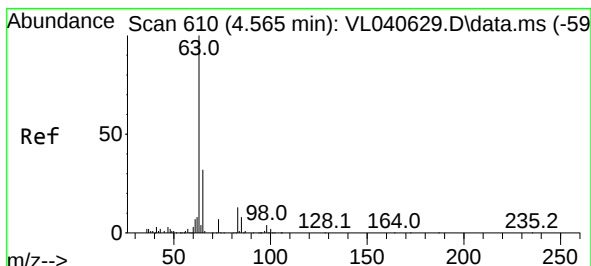
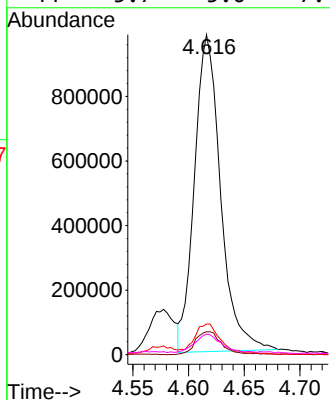
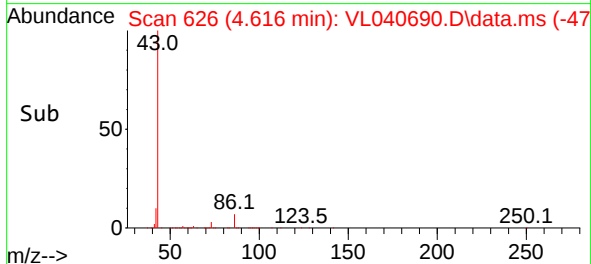


Tgt Ion: 43 Resp: 1603884
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.6 8.4
 42 9.6 7.6 11.4
 44 5.7 5.0 7.4

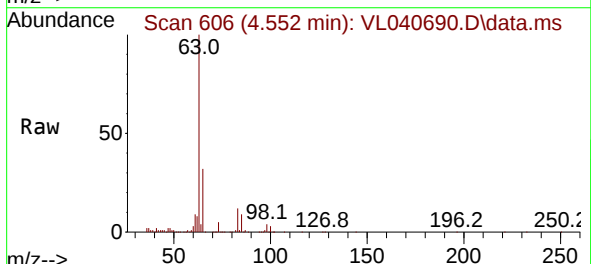
Manual Integrations

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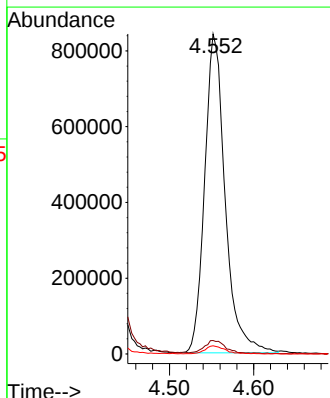
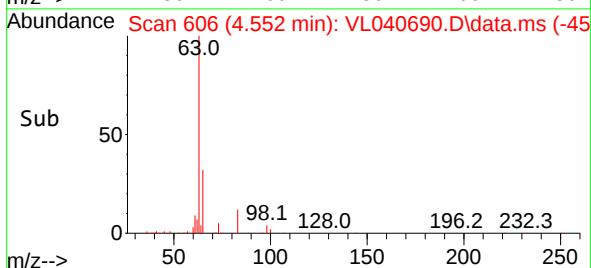
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

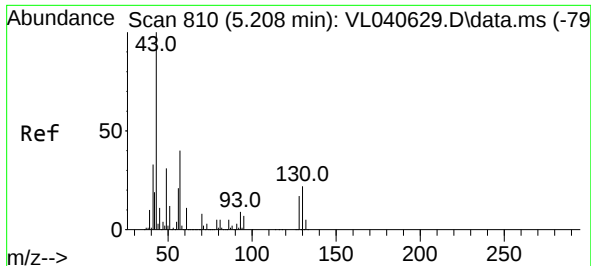


#24
 1,1-Dichloroethane
 Concen: 9.034 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08



Tgt Ion: 63 Resp: 1426023
 Ion Ratio Lower Upper
 63 100
 98 4.1 1.8 5.5
 100 2.5 1.2 3.6





#25

Ethyl Acetate

Concen: 9.400 ppbv

RT: 5.195 min Scan# 806

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

Tgt Ion: 43 Resp: 2472518

Ion Ratio Lower Upper

43 100

45 10.1 8.2 12.4

61 10.7 8.2 12.4

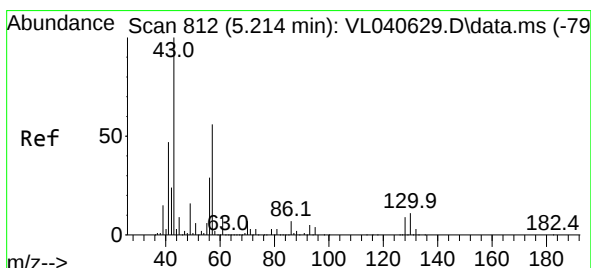
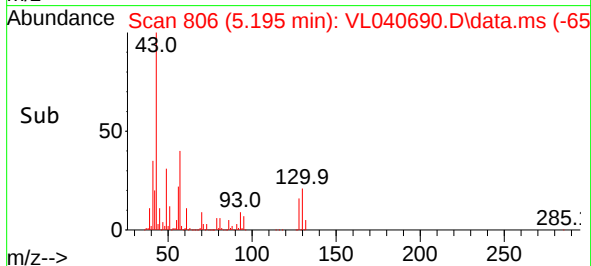
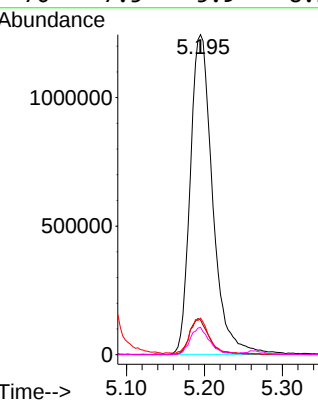
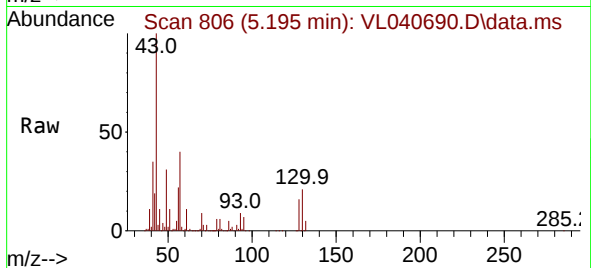
70 7.5 5.9 8.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#26

Hexane

Concen: 8.720 ppbv

RT: 5.201 min Scan# 808

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Tgt Ion: 57 Resp: 1084561

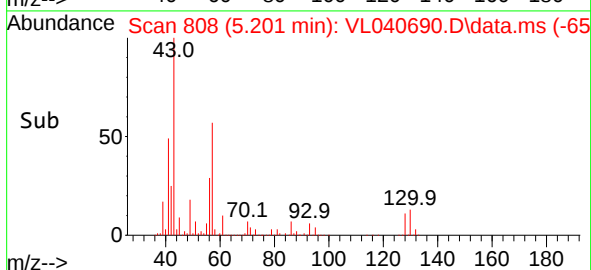
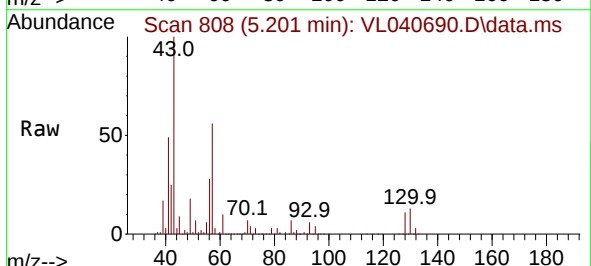
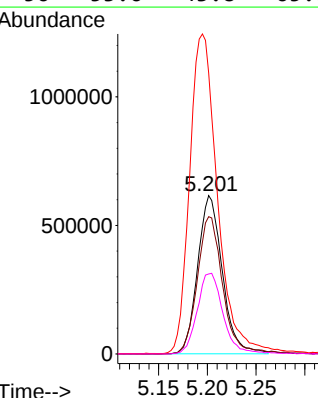
Ion Ratio Lower Upper

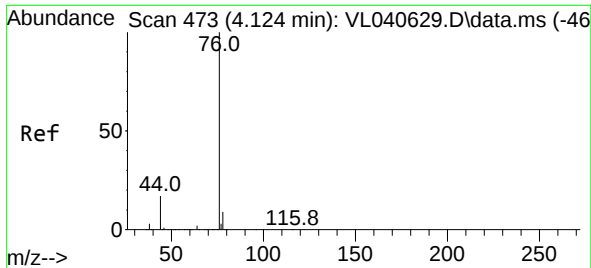
57 100

41 90.4 75.2 112.8

43 229.9 185.6 278.4

56 53.6 43.8 65.8





#27

Carbon Disulfide

Concen: 10.195 ppbv

RT: 4.115 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

Tgt Ion: 76 Resp: 1768380

Ion Ratio Lower Upper

76 100

44 17.7 14.5 21.7

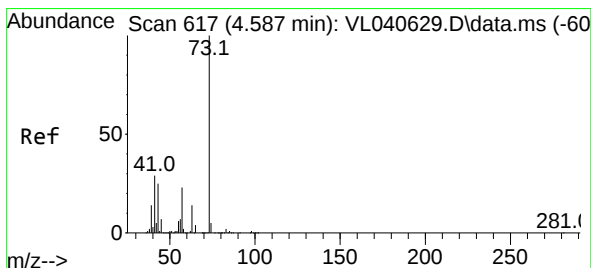
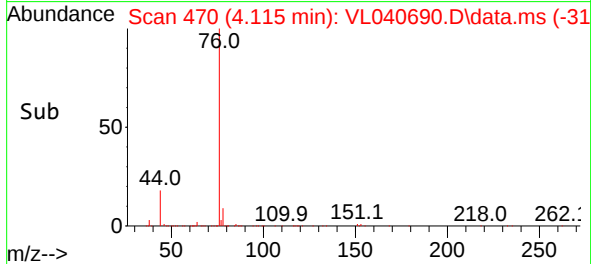
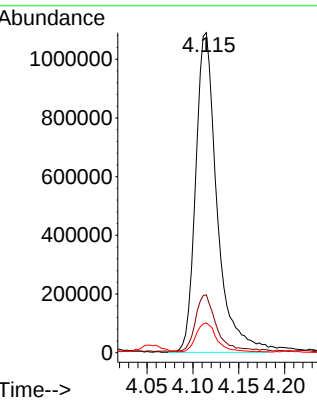
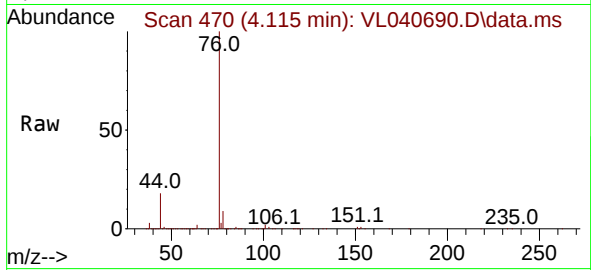
78 9.5 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#28

Methyl tert-Butyl Ether

Concen: 9.379 ppbv

RT: 4.578 min Scan# 614

Delta R.T. -0.000 min

Lab File: VL040690.D

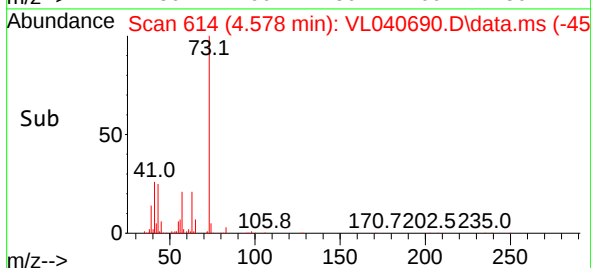
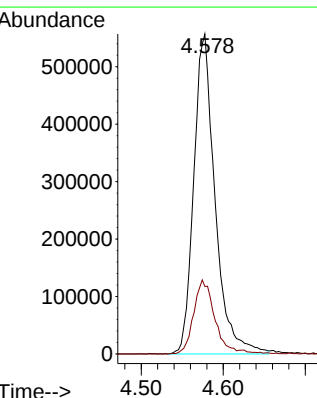
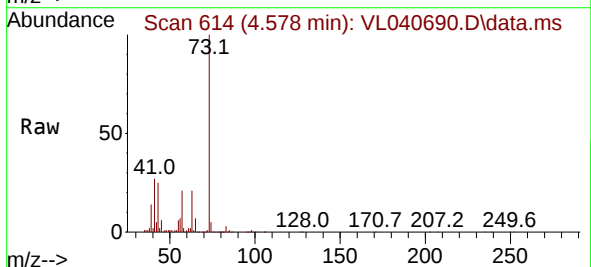
Acq: 14 Sep 2023 19:08

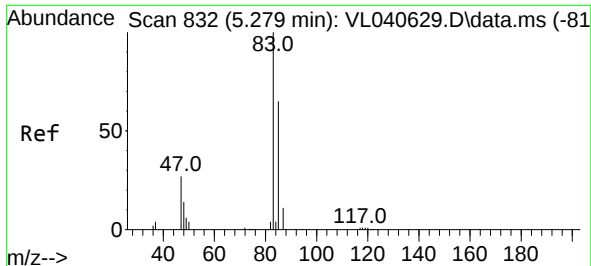
Tgt Ion: 73 Resp: 1003675

Ion Ratio Lower Upper

73 100

57 23.4 18.8 28.2





#29

Chloroform

Concen: 9.044 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

Tgt Ion: 83 Resp: 194217

Ion Ratio Lower Upper

83 100

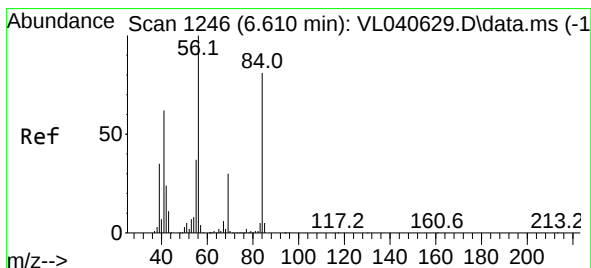
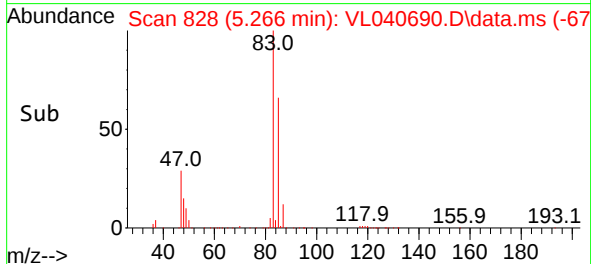
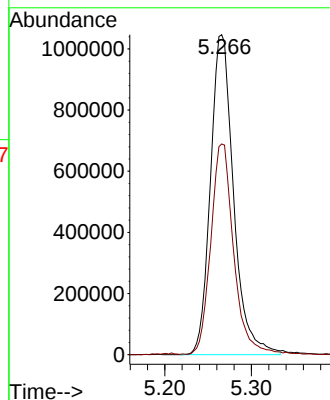
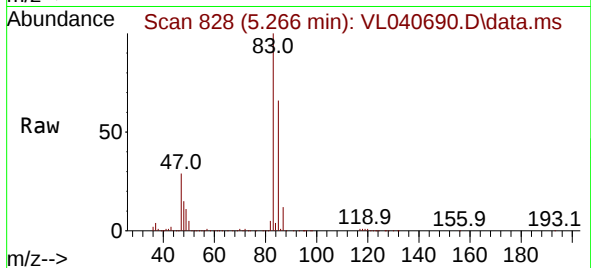
85 65.8 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#30

Cyclohexane

Concen: 9.758 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

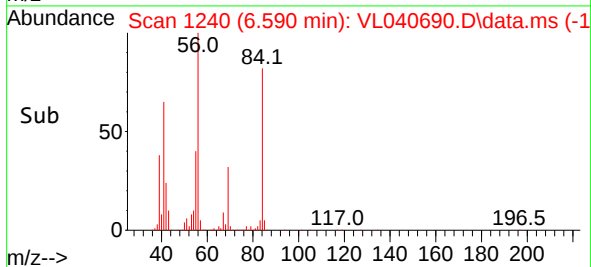
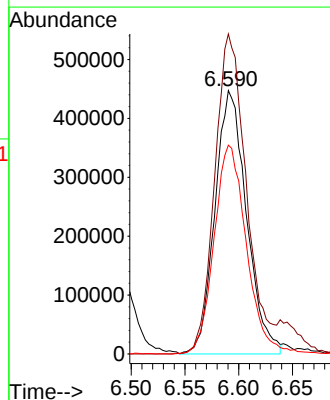
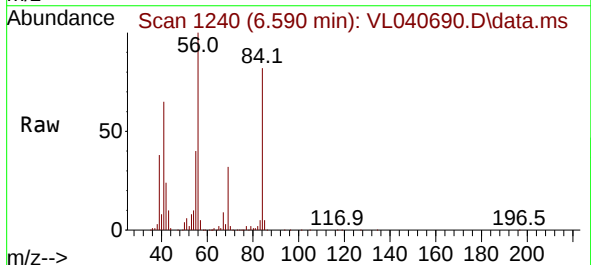
Tgt Ion: 84 Resp: 913979

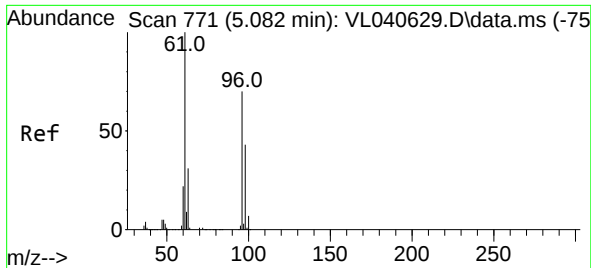
Ion Ratio Lower Upper

84 100

56 130.8 103.2 154.8

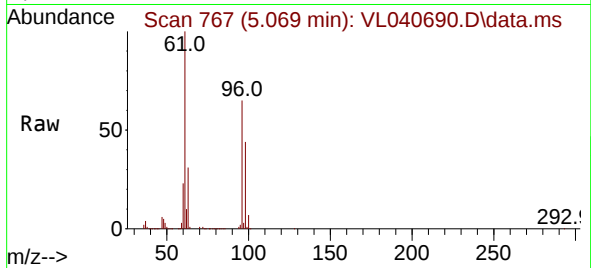
41 81.7 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 9.892 ppbv
 RT: 5.069 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

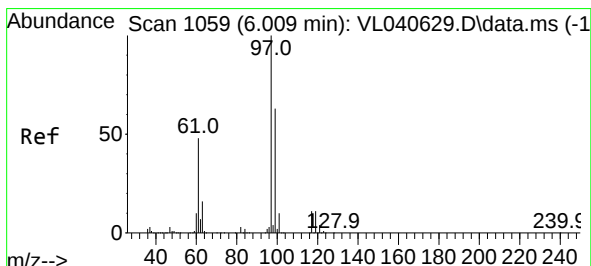
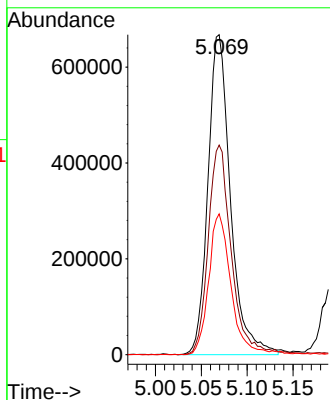
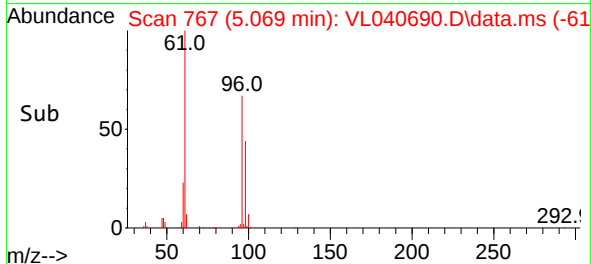
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091423



Tgt Ion: 61 Resp: 1141479
 Ion Ratio Lower Upper
 61 100
 96 65.5 51.2 76.8
 98 44.0 32.3 48.5

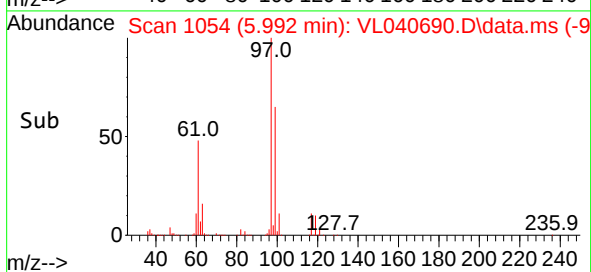
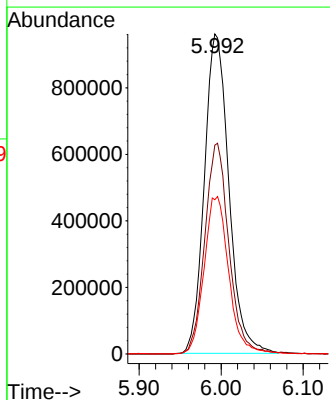
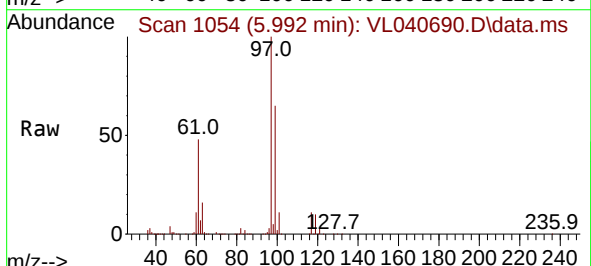
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.097 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.003 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Tgt Ion: 97 Resp: 1997194
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.4 78.6
 61 49.6 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

Tgt Ion:114 Resp: 318124

Ion Ratio Lower Upper

114 100

63 26.0 21.1 31.7

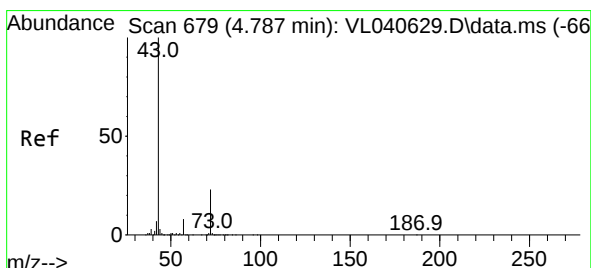
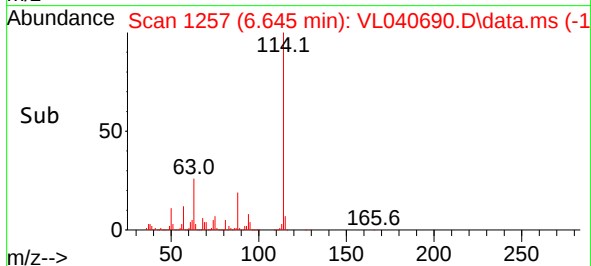
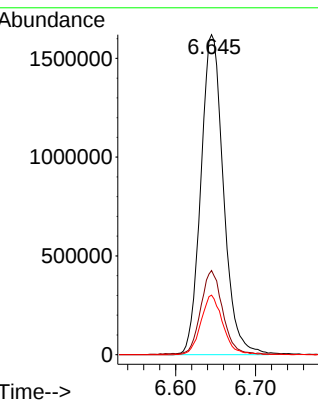
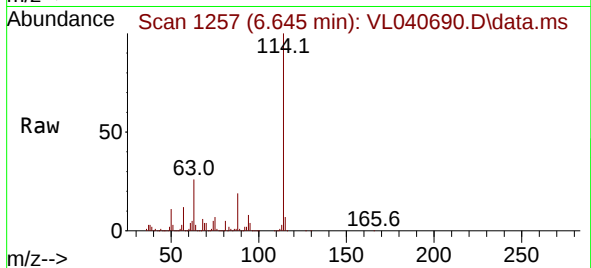
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#34

2-Butanone

Concen: 9.283 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.000 min

Lab File: VL040690.D

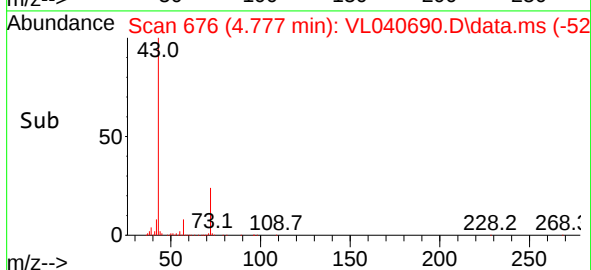
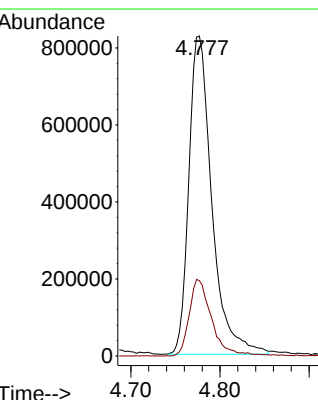
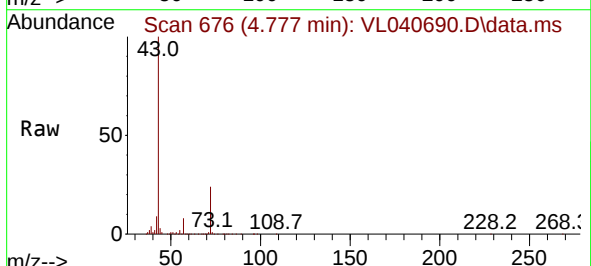
Acq: 14 Sep 2023 19:08

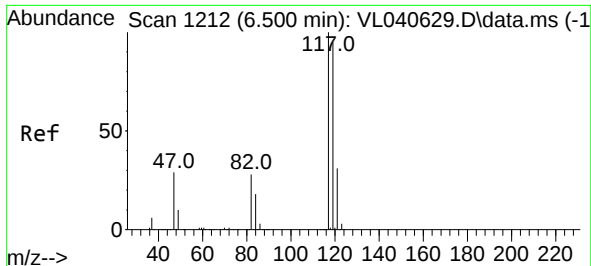
Tgt Ion: 43 Resp: 1485198

Ion Ratio Lower Upper

43 100

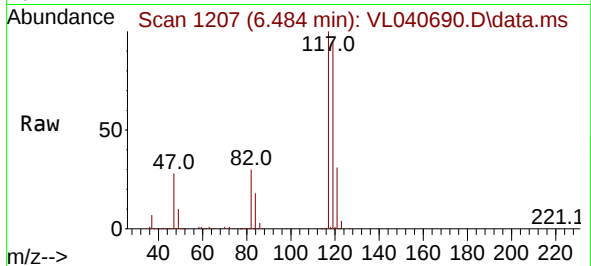
72 23.7 18.6 27.8





#35
Carbon Tetrachloride
Concen: 9.544 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

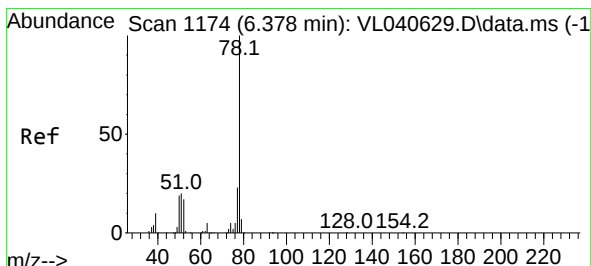
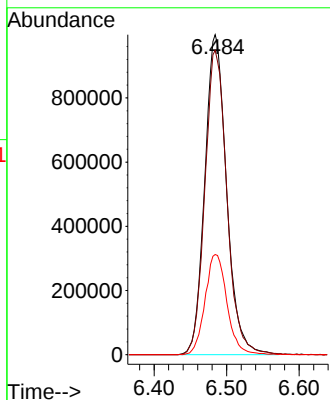
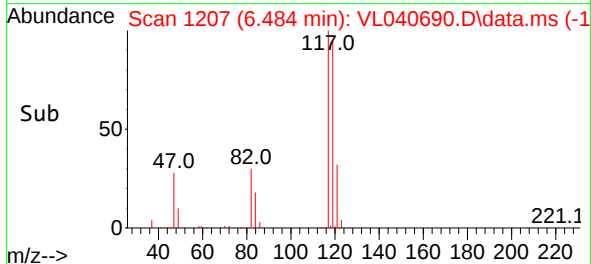
Instrument : MSVOA_L
ClientSampleId : ICVVL091423



Tgt Ion: 117 Resp: 2084719
Ion Ratio Lower Upper
117 100
119 95.1 78.6 117.8
121 31.3 24.7 37.1

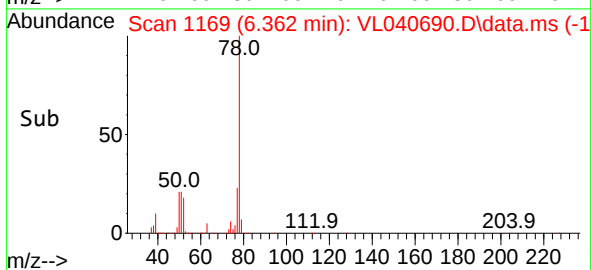
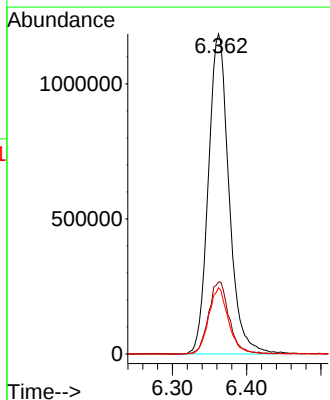
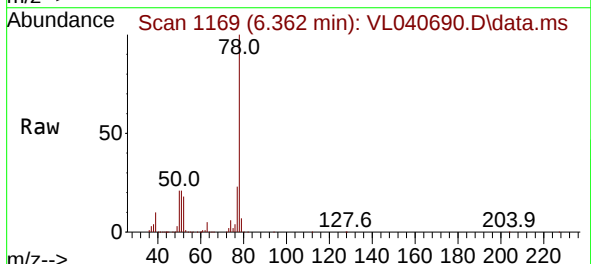
Manual Integrations
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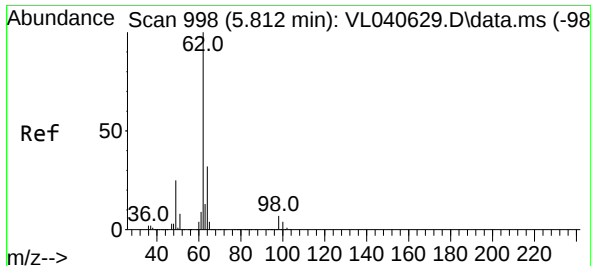
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#36
Benzene
Concen: 9.713 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

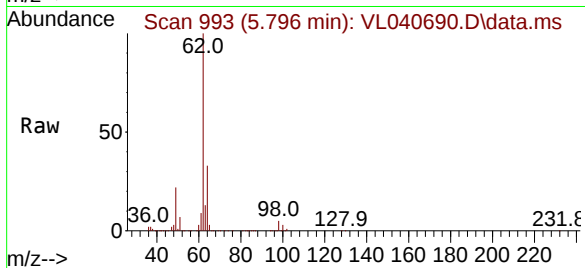
Tgt Ion: 78 Resp: 2288266
Ion Ratio Lower Upper
78 100
77 22.5 17.9 26.9
50 20.7 17.3 25.9





#37
1,2-Dichloroethane
Concen: 9.327 ppbv
RT: 5.796 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

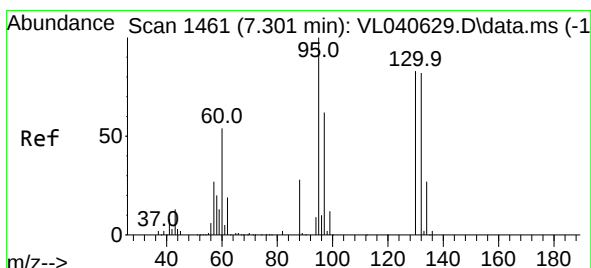
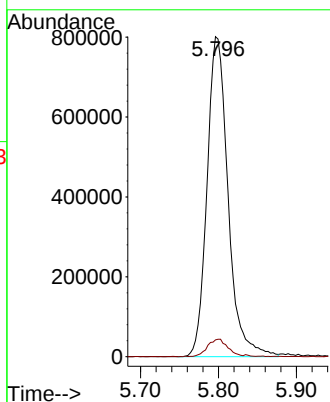
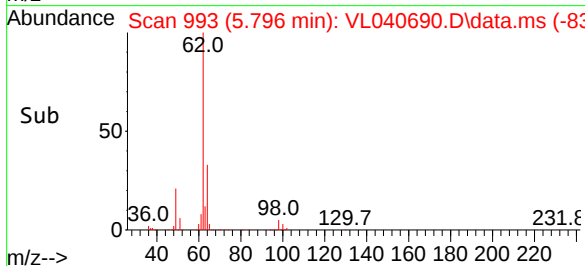
Instrument : MSVOA_L
ClientSampleId : ICVVL091423



Tgt Ion: 62 Resp: 1503734
Ion Ratio Lower Upper
62 100
98 5.7 4.2 6.4

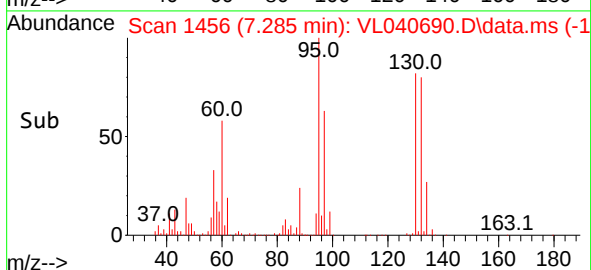
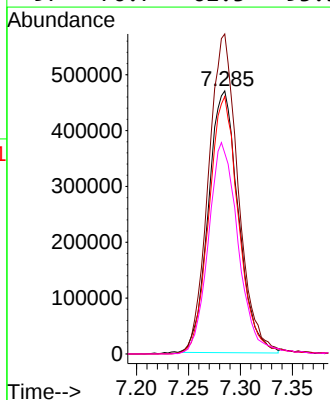
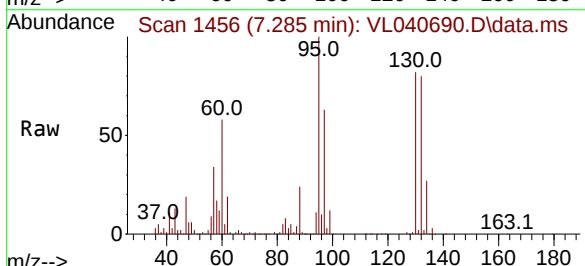
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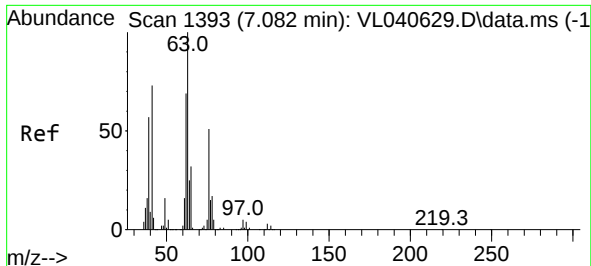
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#38
Trichloroethene
Concen: 10.507 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion:130 Resp: 943927
Ion Ratio Lower Upper
130 100
95 122.0 91.9 137.9
132 98.3 77.3 115.9
97 76.7 62.3 93.5





#39

1,2-Dichloropropane

Concen: 9.523 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040690.D

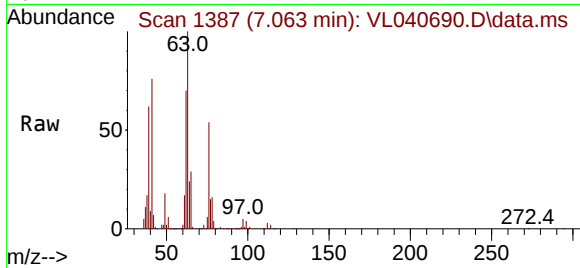
Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423



Tgt Ion: 63 Resp: 863524

Ion Ratio Lower Upper

63 100

41 75.9 61.6 92.4

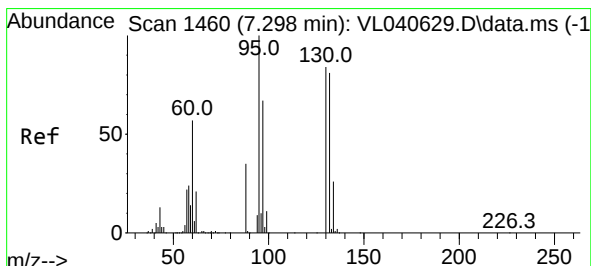
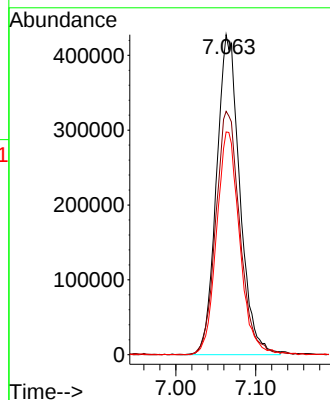
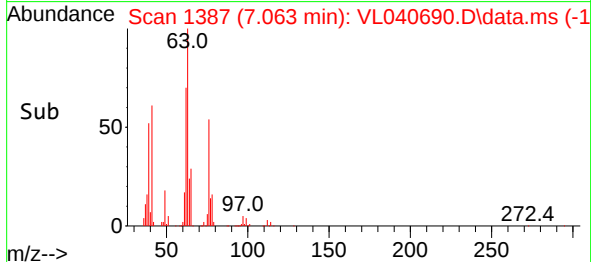
62 69.6 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#40

1,4-Dioxane

Concen: 10.017 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Tgt Ion: 88 Resp: 343387

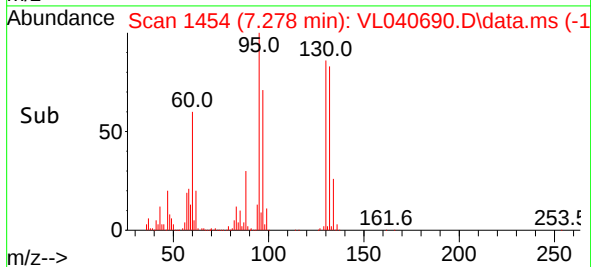
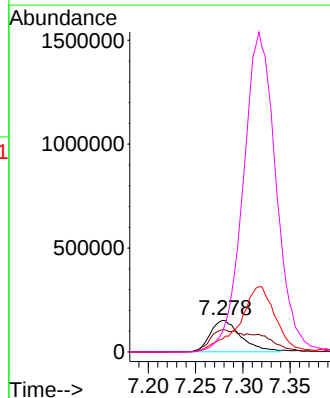
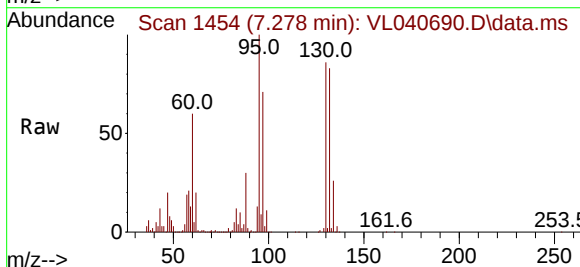
Ion Ratio Lower Upper

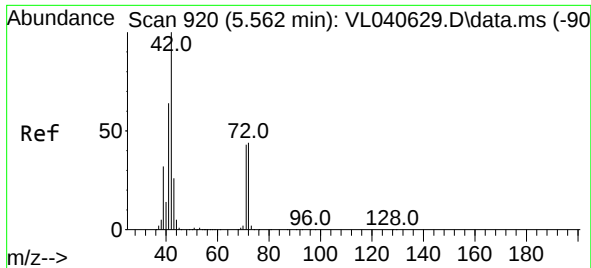
88 100

58 121.4 92.7 139.1

43 244.5 0.0 0.0#

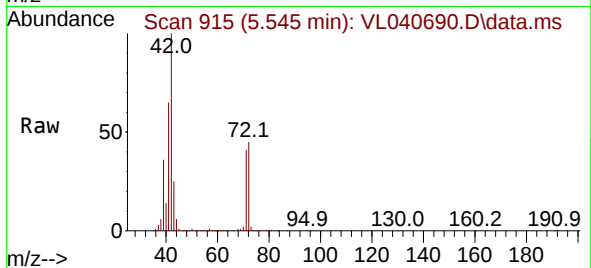
57 1093.0 0.0 0.0#





#41
Tetrahydrofuran
Concen: 9.973 ppbv
RT: 5.545 min Scan# 915
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

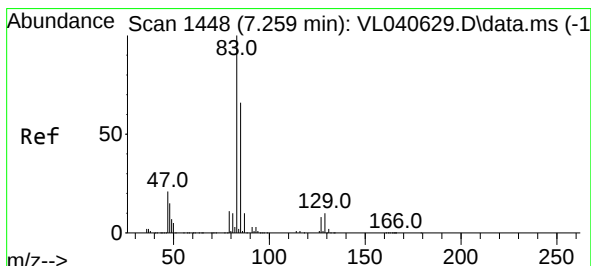
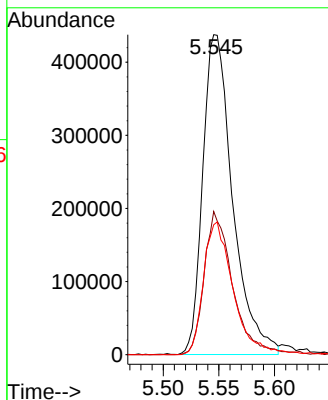
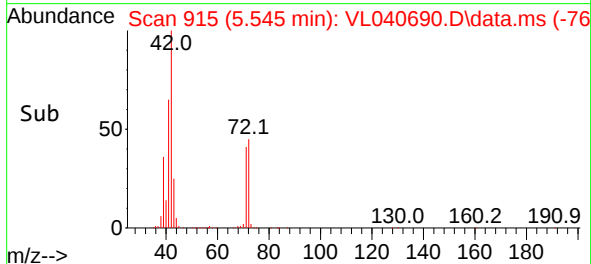
Instrument : MSVOA_L
ClientSampleId : ICVVL091423



Tgt Ion: 42 Resp: 818174
Ion Ratio Lower Upper
42 100
72 43.0 34.9 52.3
71 41.3 33.8 50.8

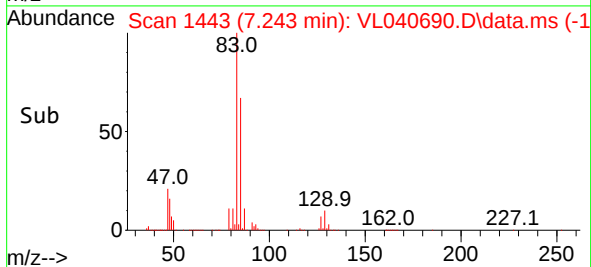
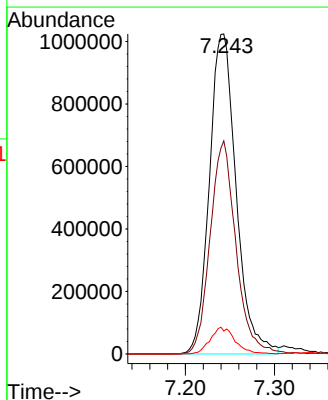
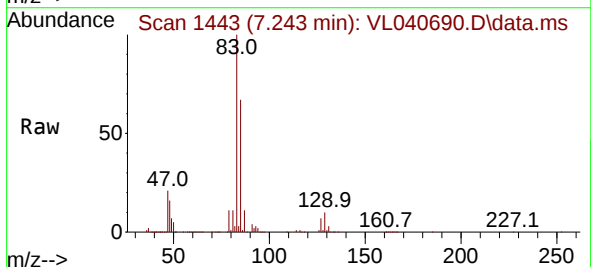
Manual Integrations
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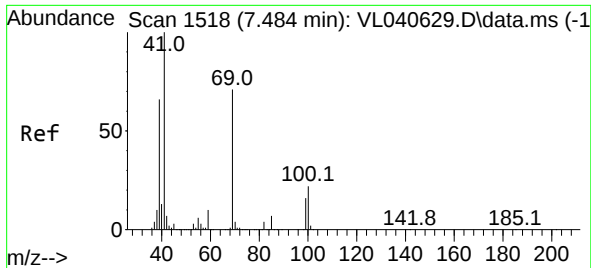
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#42
Bromodichloromethane
Concen: 9.726 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

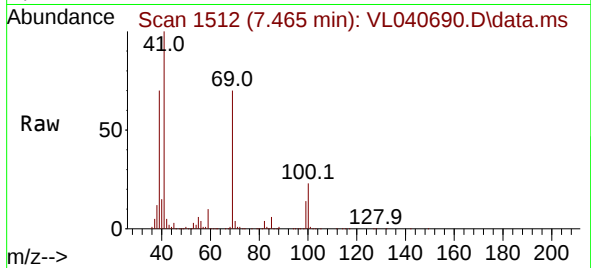
Tgt Ion: 83 Resp: 2139588
Ion Ratio Lower Upper
83 100
85 66.6 51.2 76.8
127 7.1 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.674 ppbv
RT: 7.465 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

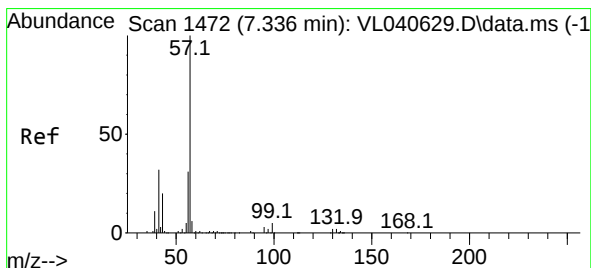
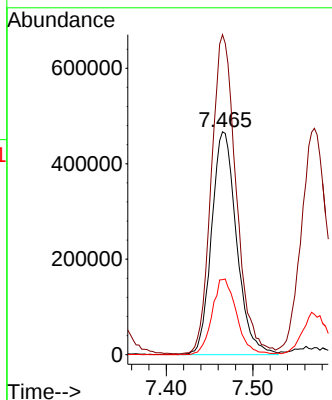
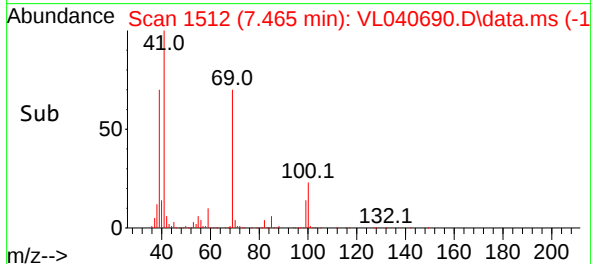
Instrument : MSVOA_L
ClientSampleId : ICVVL091423



Tgt Ion: 69 Resp: 934649
Ion Ratio Lower Upper
69 100
41 143.1 113.8 170.8
100 33.4 25.4 38.0

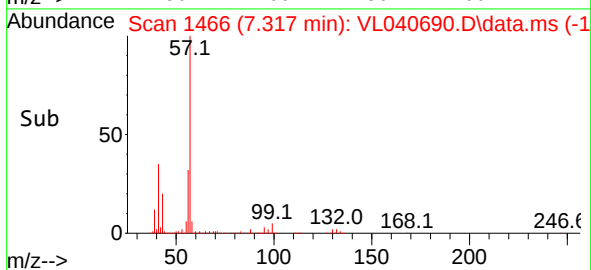
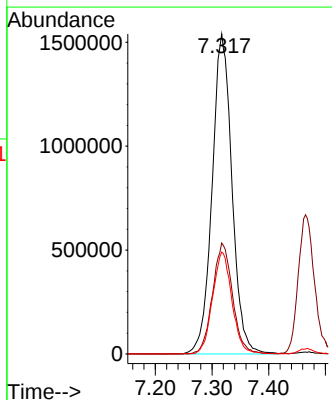
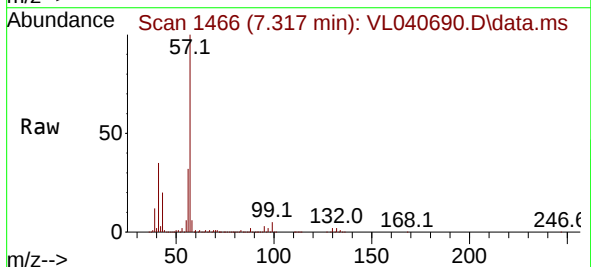
Manual Integrations
APPROVED

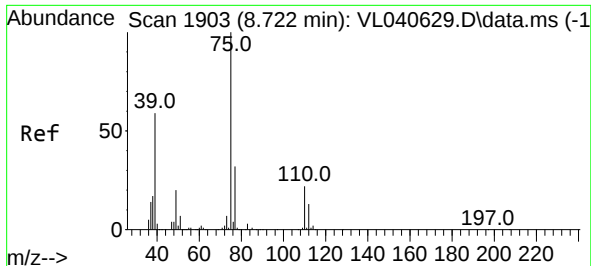
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#44
2,2,4-Trimethylpentane
Concen: 9.990 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 57 Resp: 3747197
Ion Ratio Lower Upper
57 100
41 34.9 28.5 42.7
56 31.1 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 11.675 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

Tgt Ion: 75 Resp: 79273

Ion Ratio Lower Upper

75 100

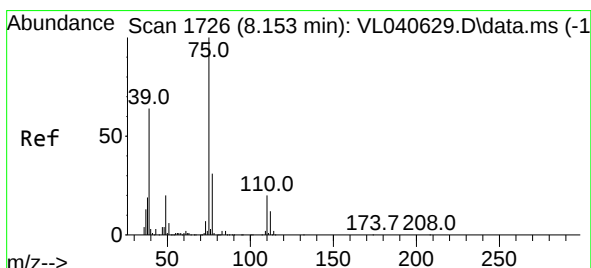
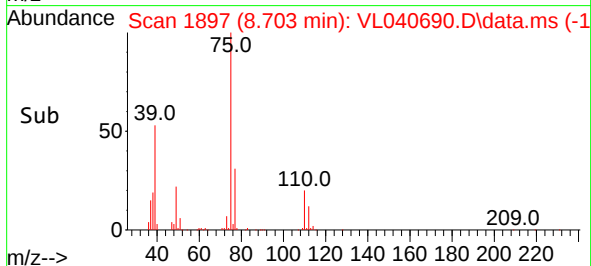
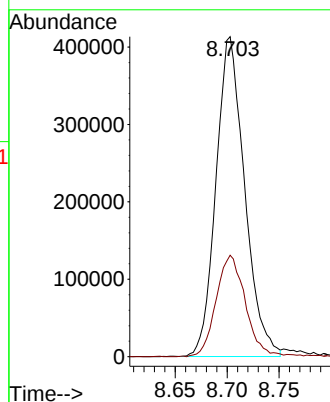
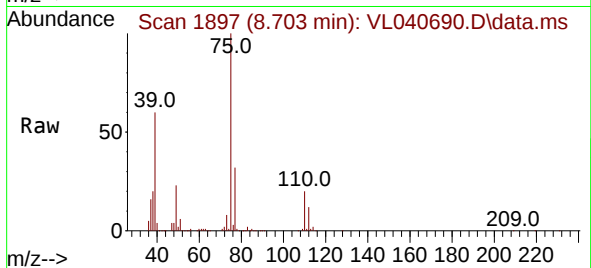
77 31.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#46

cis-1,3-Dichloropropene

Concen: 11.450 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

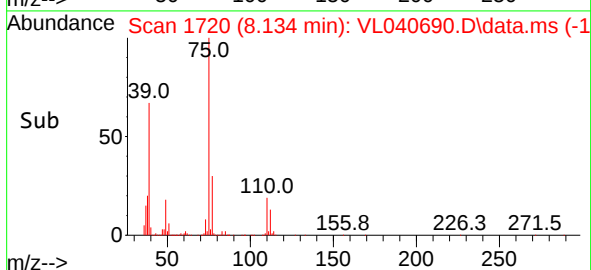
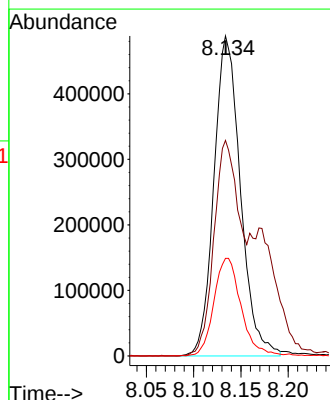
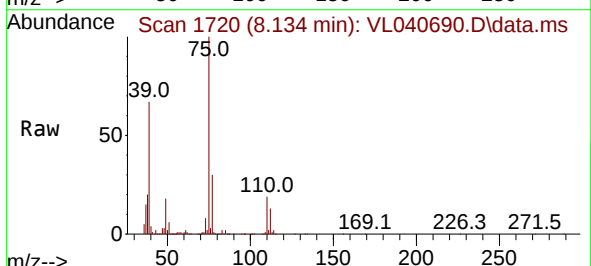
Tgt Ion: 75 Resp: 951217

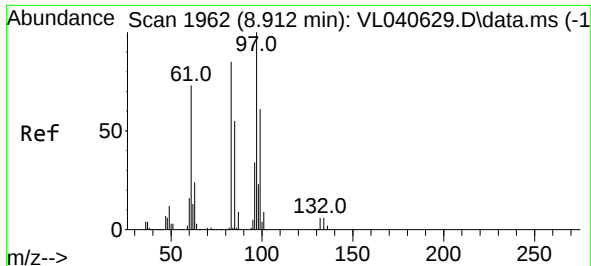
Ion Ratio Lower Upper

75 100

39 67.3 54.0 81.0

77 30.4 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 9.590 ppbv

RT: 8.889 min Scan# 1962

Delta R.T. -0.007 min

Lab File: VL040690.D

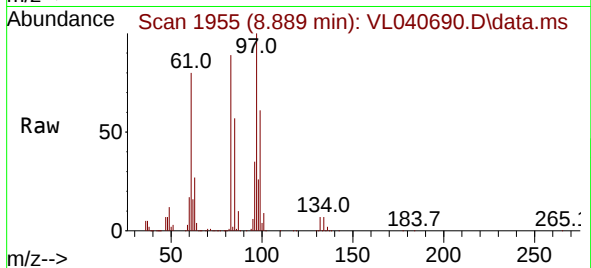
Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423



Tgt Ion: 97 Resp: 997954

Ion Ratio Lower Upper

97 100

83 89.3 70.8 106.2

85 57.3 45.7 68.5

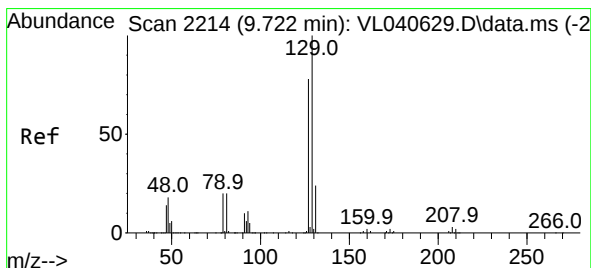
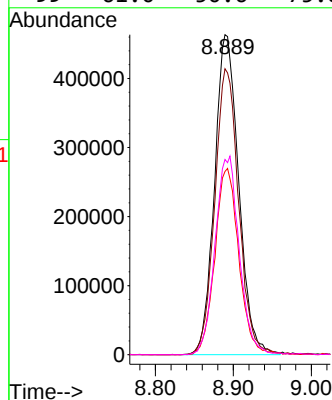
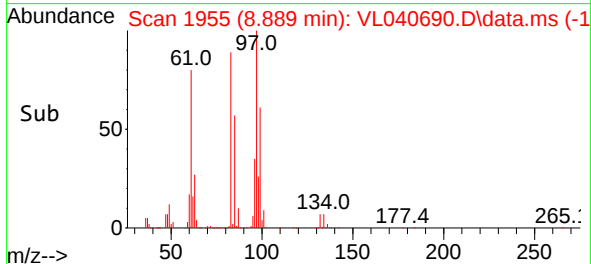
99 61.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#48

Dibromochloromethane

Concen: 10.363 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VL040690.D

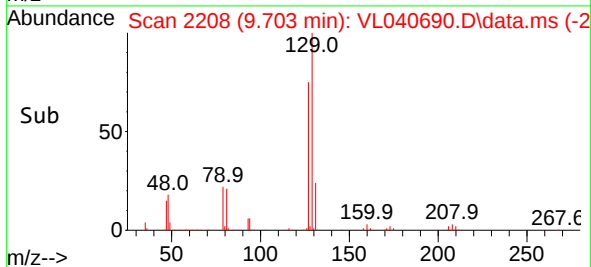
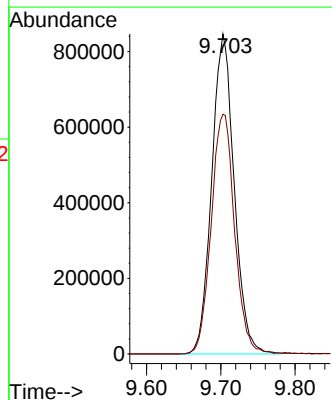
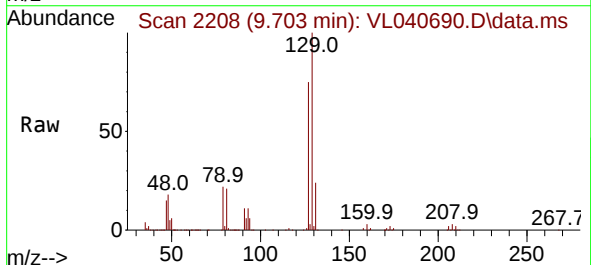
Acq: 14 Sep 2023 19:08

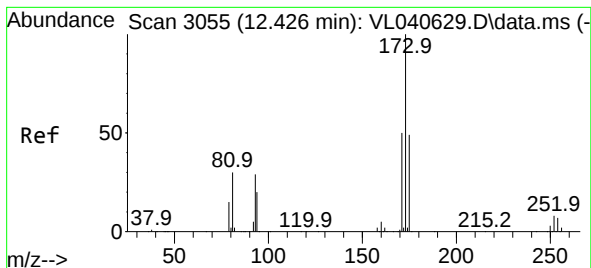
Tgt Ion:129 Resp: 1778914

Ion Ratio Lower Upper

129 100

127 77.9 39.4 118.2





#49

Bromoform

Concen: 10.490 ppbv

RT: 12.400 min Scan# 3055

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

Tgt Ion:173 Resp: 147890

Ion Ratio Lower Upper

173 100

175 49.7 38.8 58.2

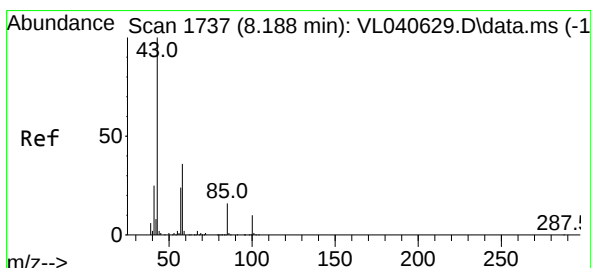
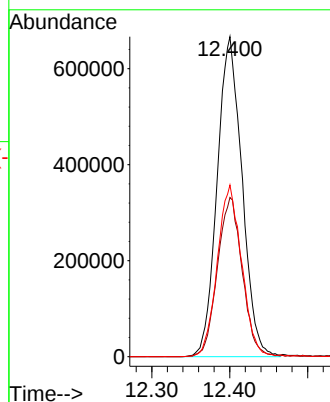
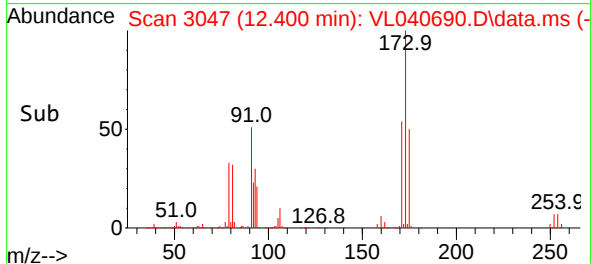
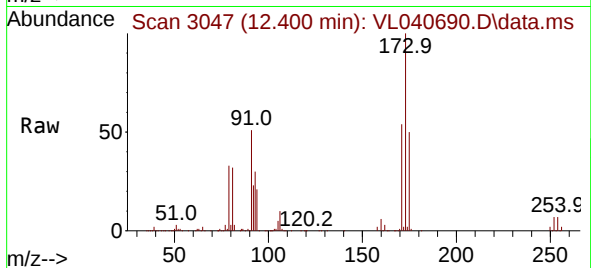
171 52.8 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#50

4-Methyl-2-Pentanone

Concen: 10.341 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VL040690.D

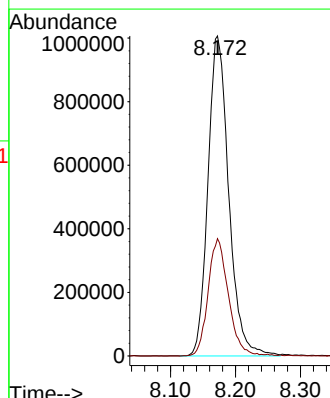
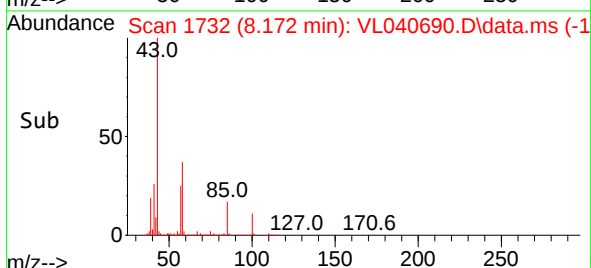
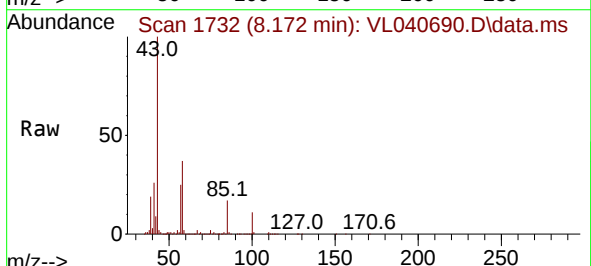
Acq: 14 Sep 2023 19:08

Tgt Ion: 43 Resp: 2235547

Ion Ratio Lower Upper

43 100

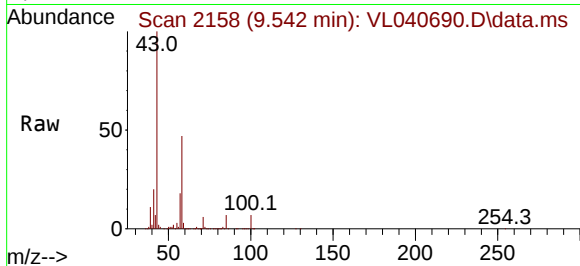
58 36.1 28.2 42.4





#51
2-Hexanone
Concen: 10.753 ppbv
RT: 9.542 min Scan# 2165
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

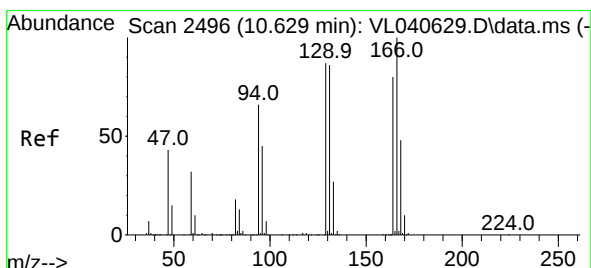
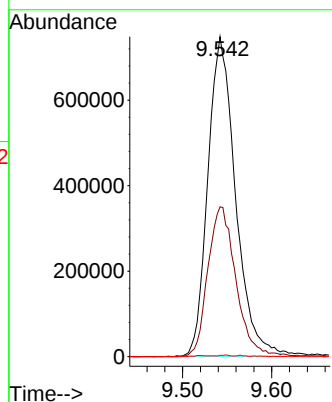
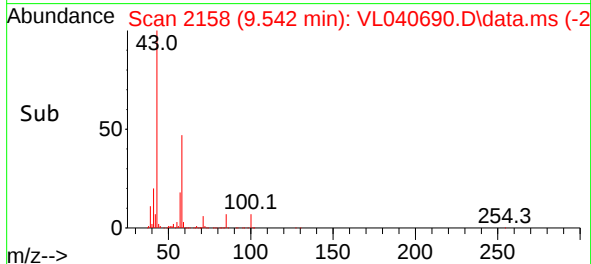
Instrument : MSVOA_L
ClientSampleId : ICVVL091423



Tgt Ion: 43 Resp: 160456
Ion Ratio Lower Upper
43 100
58 48.1 37.6 56.4
98 0.6 0.6 1.0

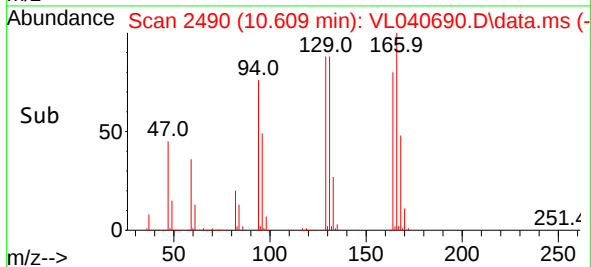
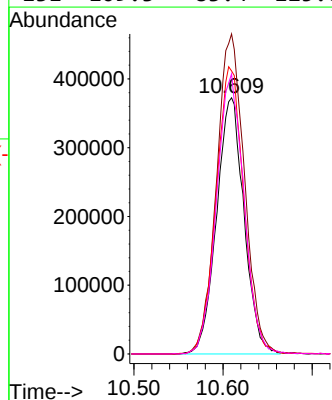
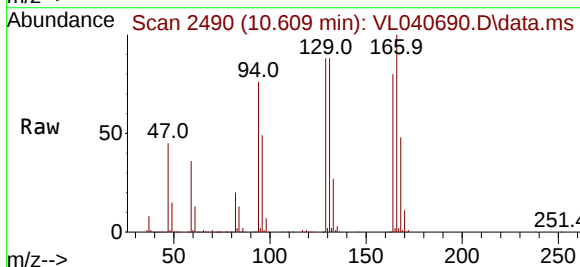
Manual Integrations
APPROVED

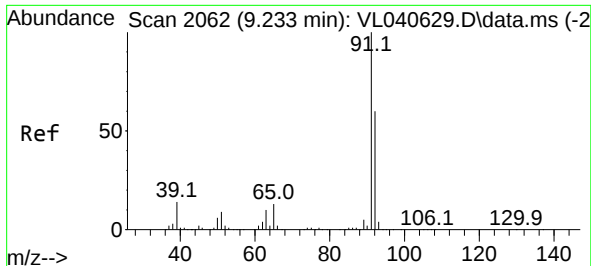
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#52
Tetrachloroethene
Concen: 10.352 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

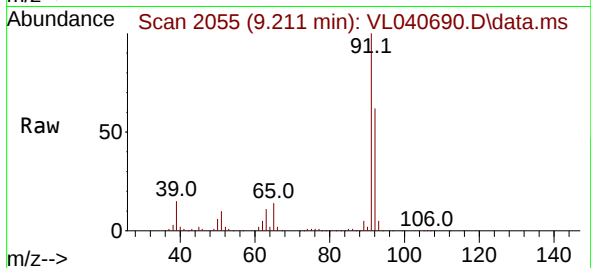
Tgt Ion:164 Resp: 795461
Ion Ratio Lower Upper
164 100
166 124.8 103.4 155.2
129 110.2 83.5 125.3
131 109.3 83.4 125.0





#53
Toluene
Concen: 10.687 ppbv
RT: 9.211 min Scan# 2062
Delta R.T. -0.007 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

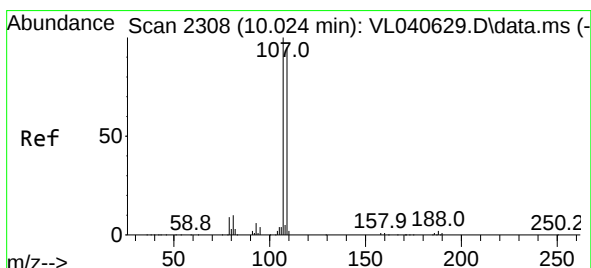
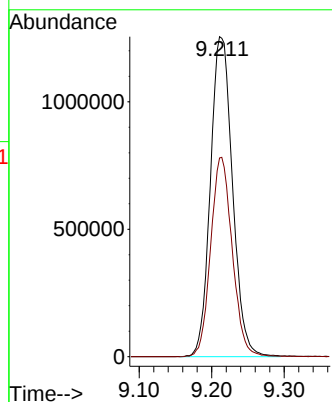
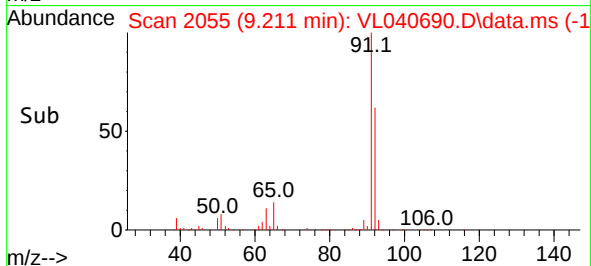
Instrument : MSVOA_L
ClientSampleId : ICVVL091423



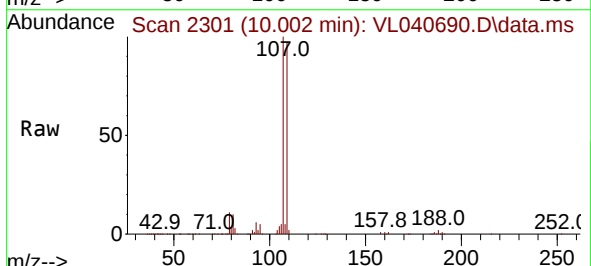
Tgt Ion: 91 Resp: 265808
Ion Ratio Lower Upper
91 100
92 60.9 48.5 72.7

Manual Integrations
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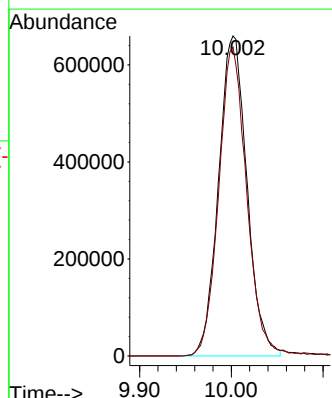
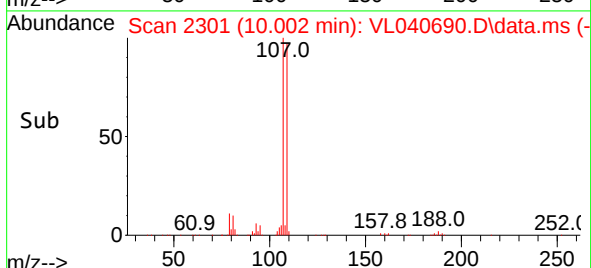
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

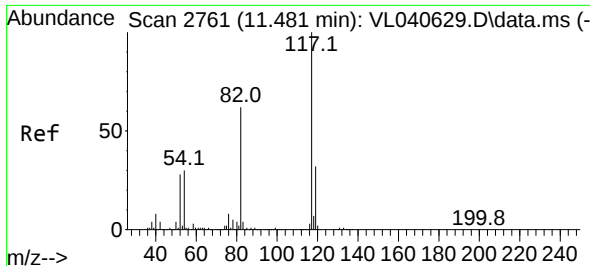


#54
1,2-Dibromoethane
Concen: 10.683 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



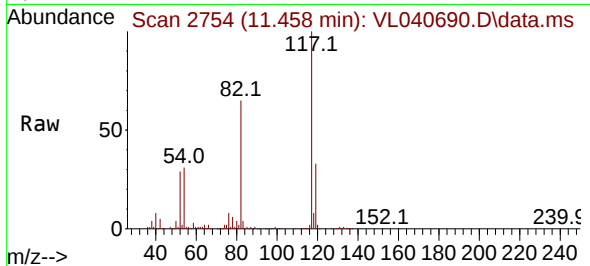
Tgt Ion:107 Resp: 1418935
Ion Ratio Lower Upper
107 100
109 96.5 72.4 108.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

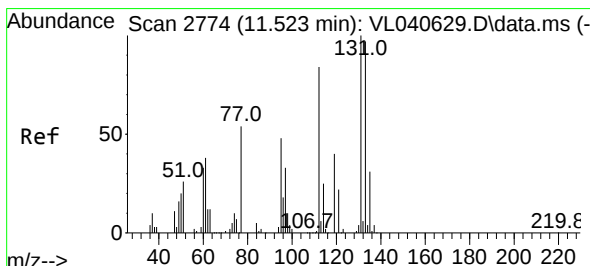
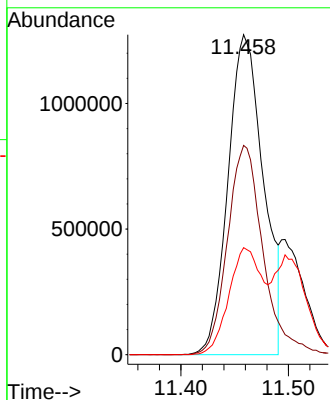
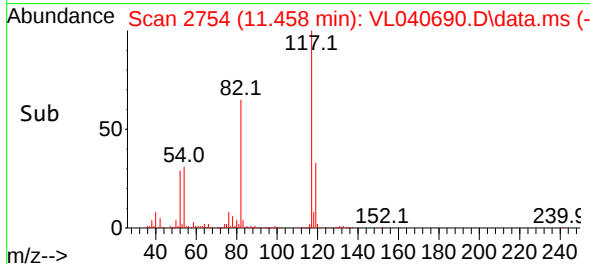
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



Tgt Ion:117 Resp: 291652
Ion Ratio Lower Upper
117 100
82 65.9 51.4 77.0
119 31.6 24.7 37.1

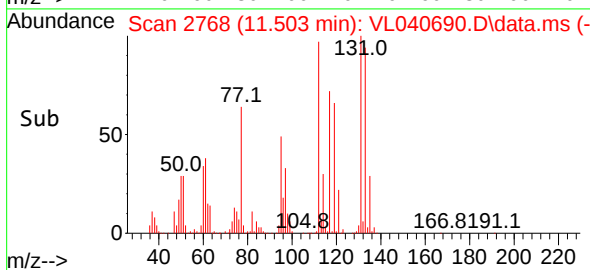
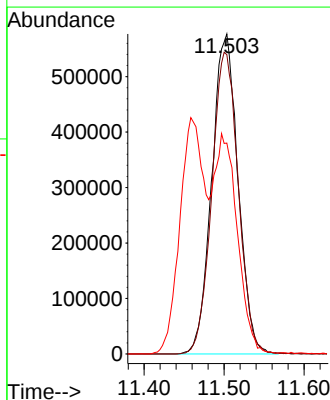
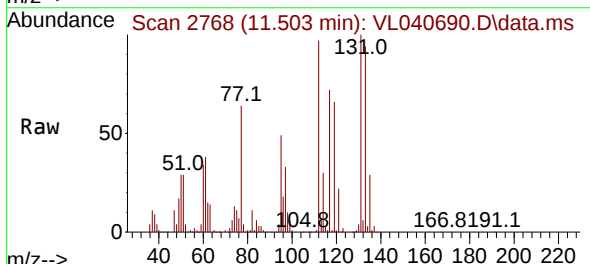
Manual Integrations
APPROVED

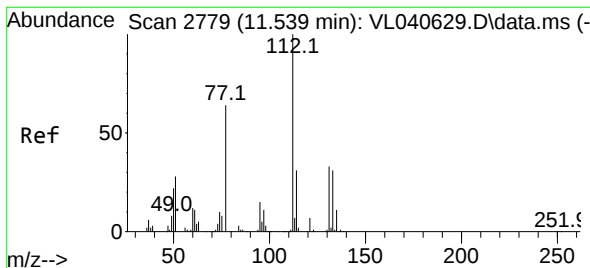
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.442 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

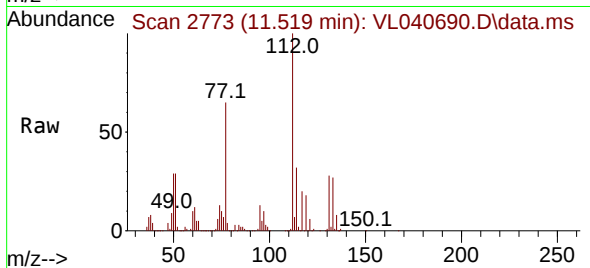
Tgt Ion:131 Resp: 1312723
Ion Ratio Lower Upper
131 100
133 95.7 76.2 114.2
119 66.7 45.5 68.3





#57
Chlorobenzene
Concen: 9.630 ppbv
RT: 11.519 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

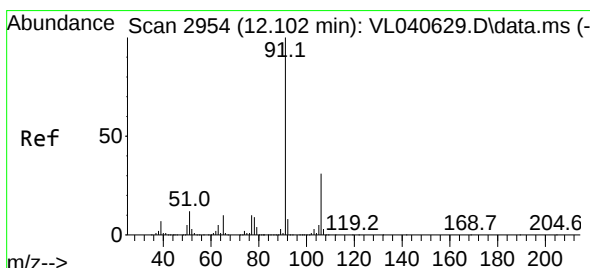
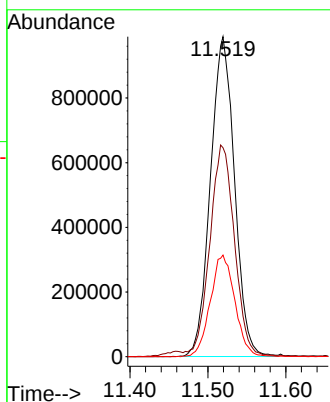
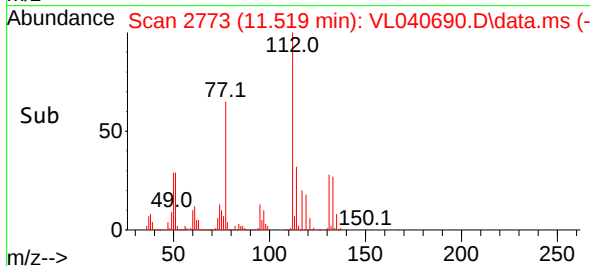
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



Tgt Ion:112 Resp: 212698
Ion Ratio Lower Upper
112 100
77 65.1 50.8 76.2
114 31.7 28.2 34.4

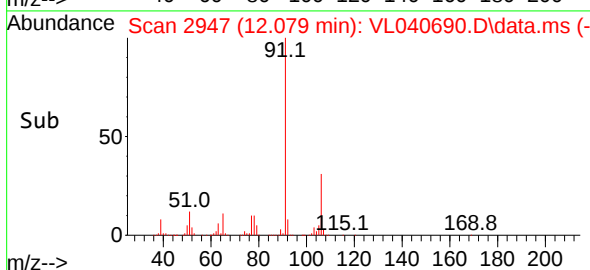
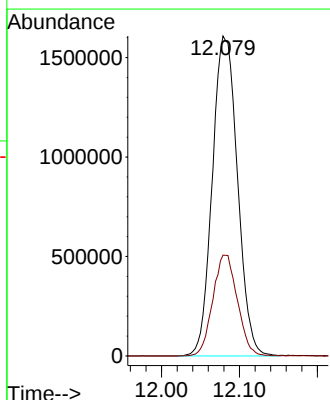
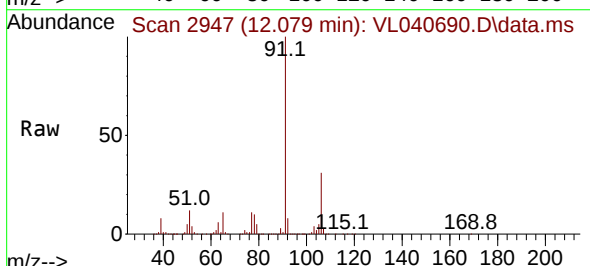
Manual Integrations
APPROVED

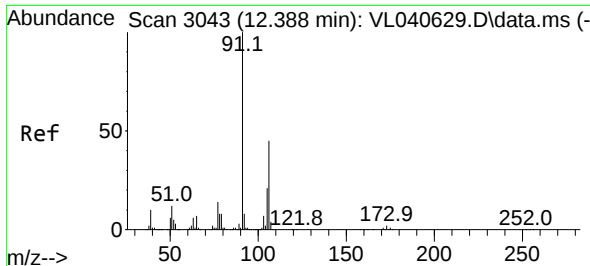
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#58
Ethyl Benzene
Concen: 10.872 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 91 Resp: 3615196
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1





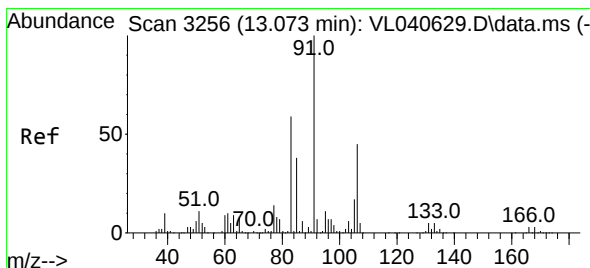
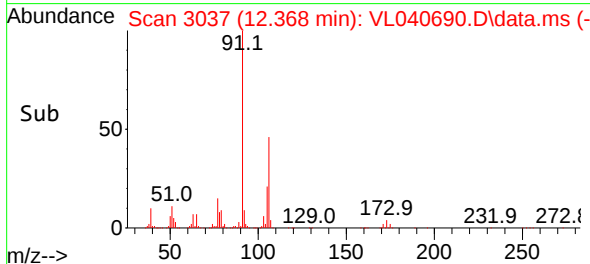
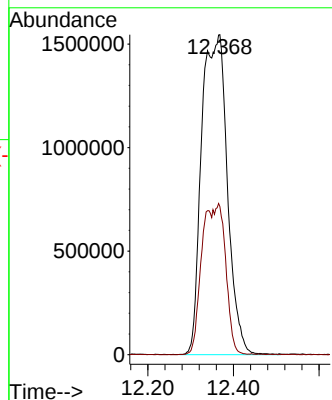
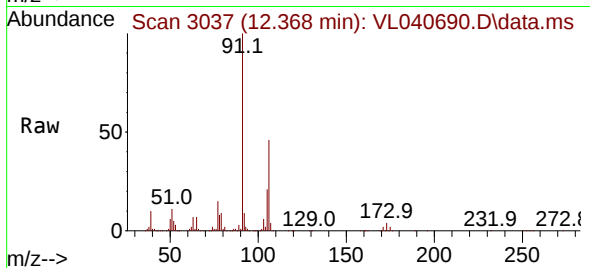
#59
m/p-Xylene
Concen: 20.629 ppbv m
RT: 12.368 min Scan# 3043
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

Tgt Ion: 91 Resp: 644101
Ion Ratio Lower Upper
91 100
106 43.8 34.8 52.2

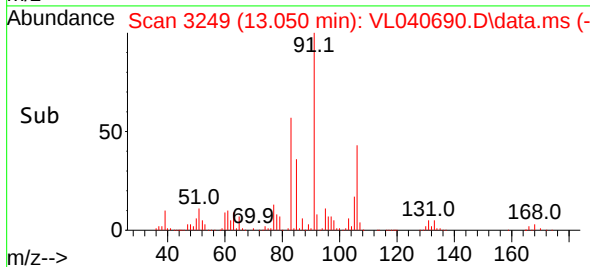
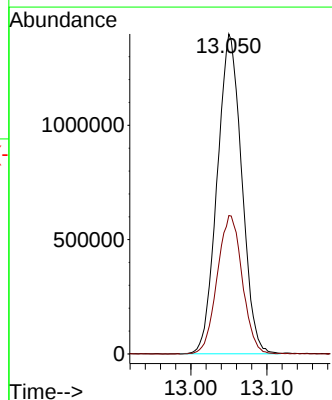
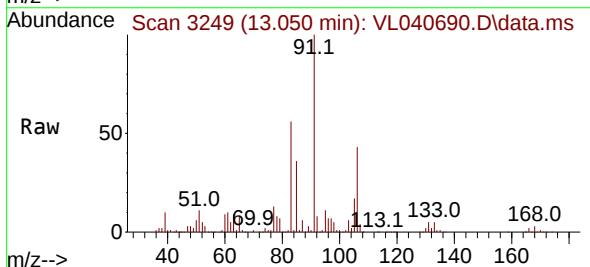
Manual Integrations
APPROVED

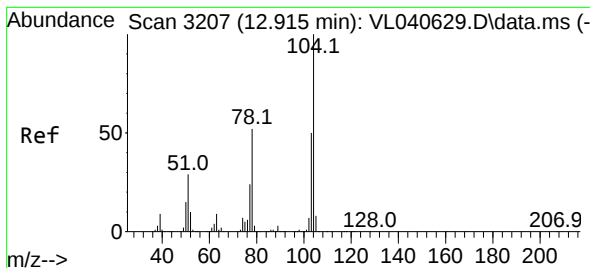
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#60
o-Xylene
Concen: 10.511 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 91 Resp: 3129932
Ion Ratio Lower Upper
91 100
106 44.3 22.3 66.9





#61

Styrene

Concen: 12.066 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

Tgt Ion:104 Resp: 1505750

Ion Ratio Lower Upper

104 100

78 53.6 43.4 65.0

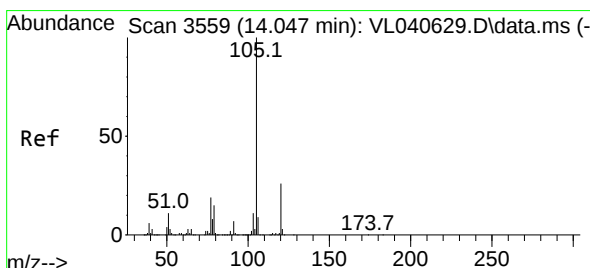
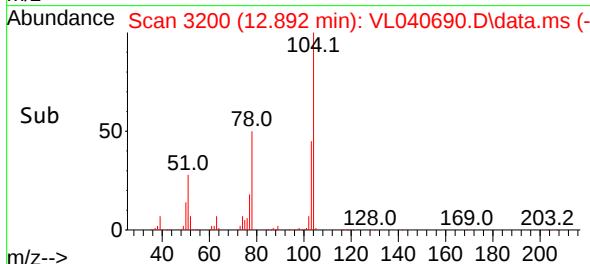
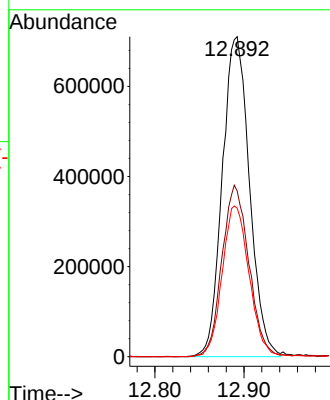
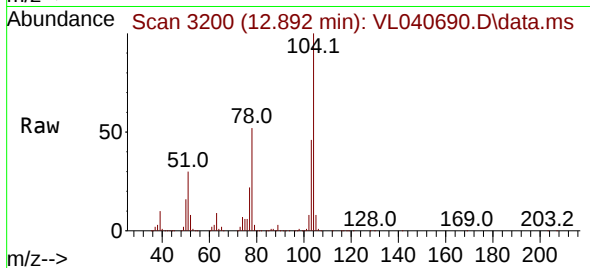
103 47.1 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#62

Isopropylbenzene

Concen: 10.004 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. -0.003 min

Lab File: VL040690.D

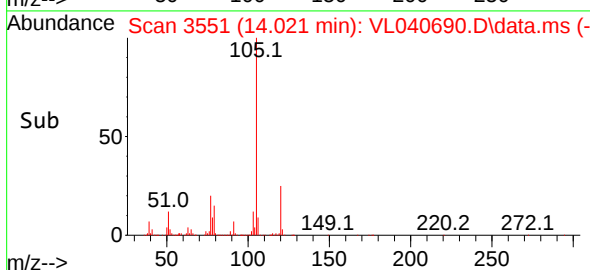
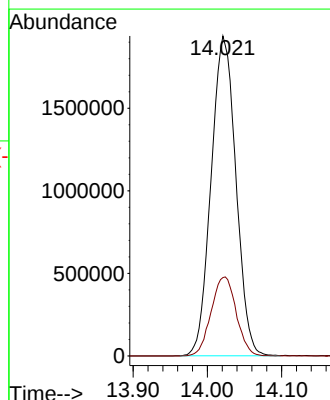
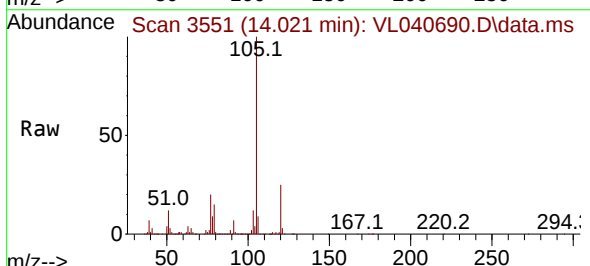
Acq: 14 Sep 2023 19:08

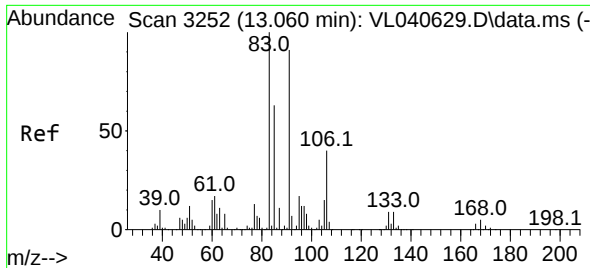
Tgt Ion:105 Resp: 4497865

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.4





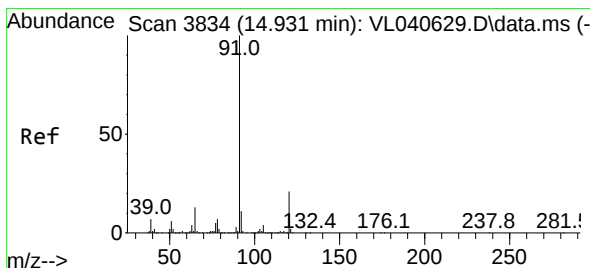
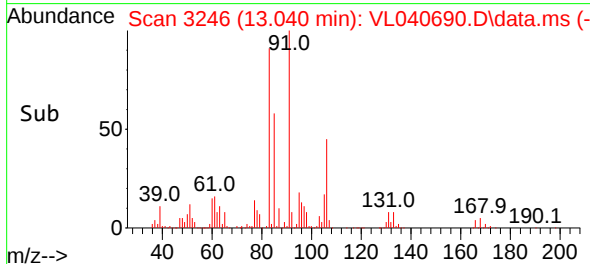
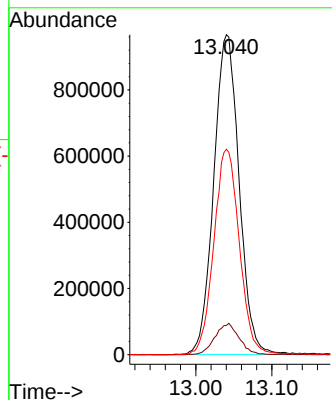
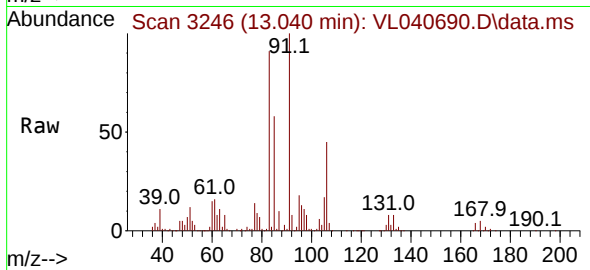
#63
1,1,2,2-Tetrachloroethane
Concen: 9.560 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

Tgt Ion: 83 Resp: 223100
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 65.1 33.1 99.3

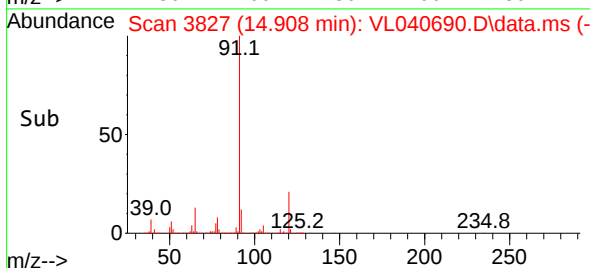
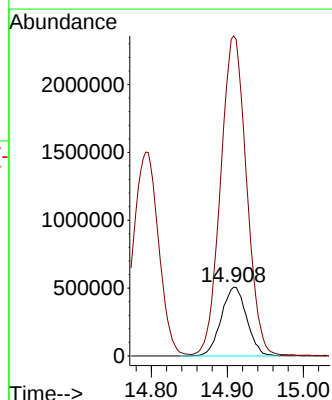
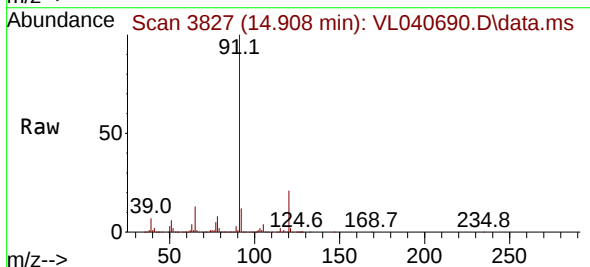
Manual Integrations
APPROVED

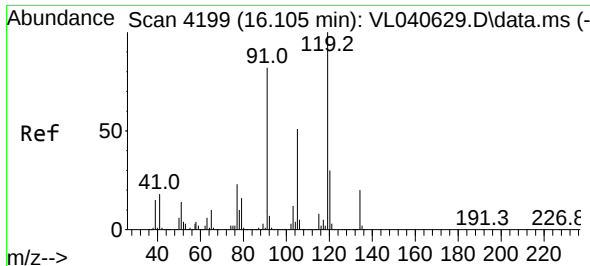
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#64
n-propylbenzene
Concen: 10.476 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

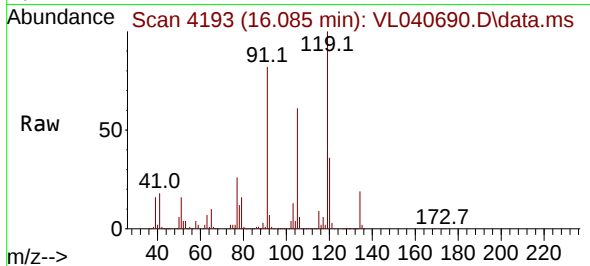
Tgt Ion:120 Resp: 1177619
Ion Ratio Lower Upper
120 100
91 475.4 386.9 580.3





#65
tert-Butylbenzene
Concen: 9.996 ppbv
RT: 16.085 min Scan# 4199
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

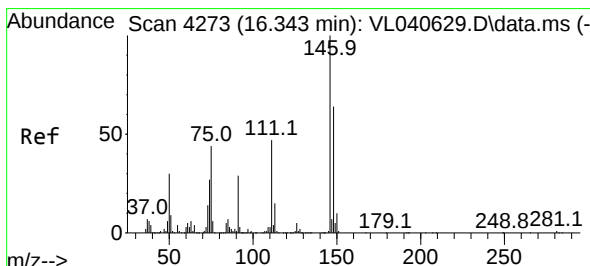
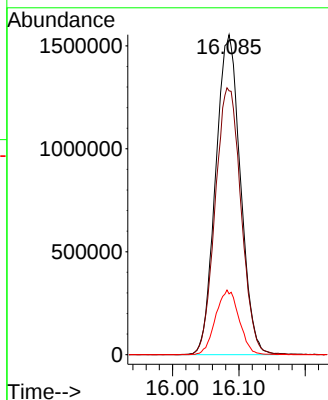
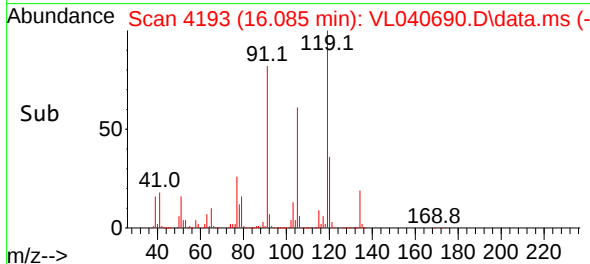
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



Tgt Ion: 119 Resp: 403373
Ion Ratio Lower Upper
119 100
91 87.0 69.8 104.8
134 19.2 15.4 23.2

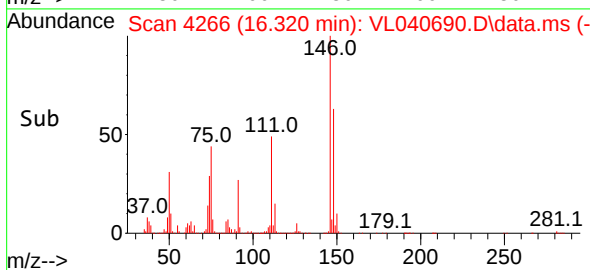
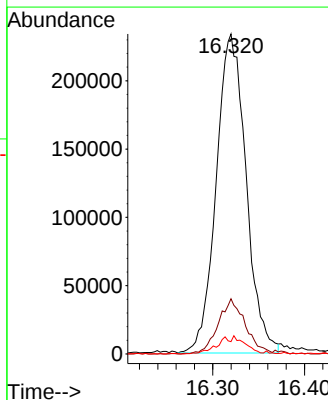
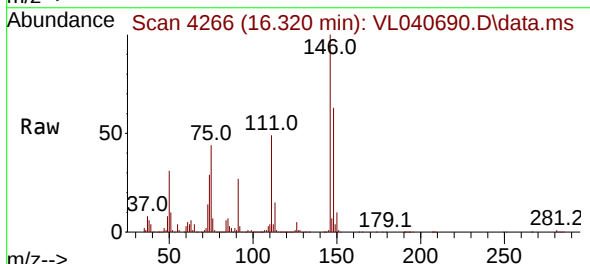
Manual Integrations
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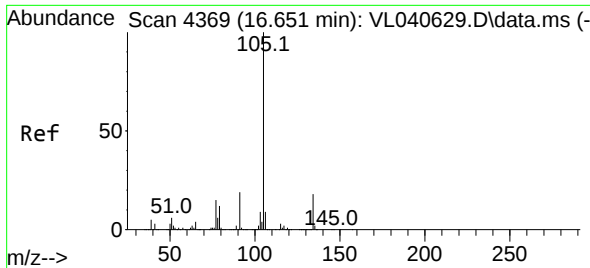
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#66
Benzyl Chloride
Concen: 11.204 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

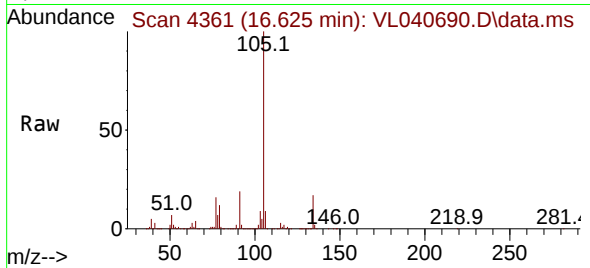
Tgt Ion: 91 Resp: 527624
Ion Ratio Lower Upper
91 100
126 16.2 13.6 20.4
128 5.6 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.845 ppbv
 RT: 16.625 min Scan# 4361
 Delta R.T. -0.007 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

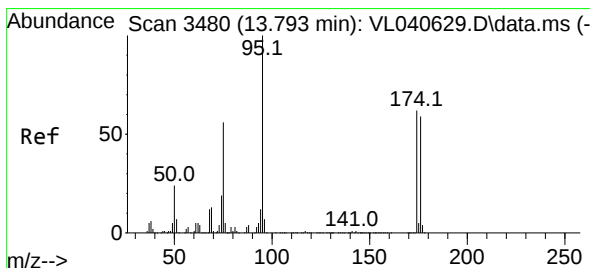
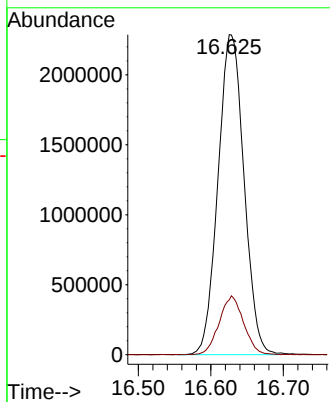
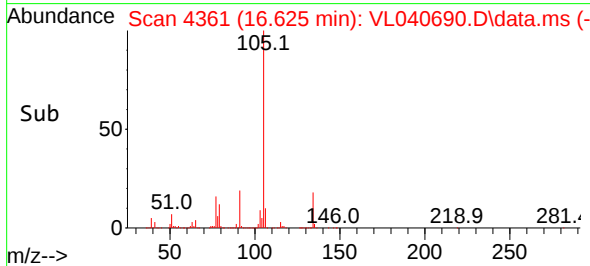
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091423



Tgt Ion:105 Resp: 5686994
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.1 21.1

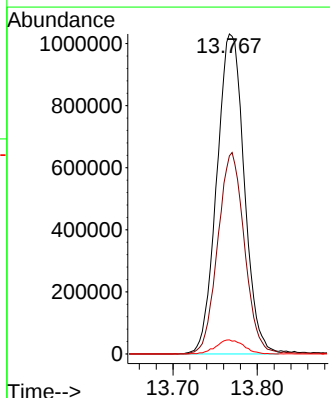
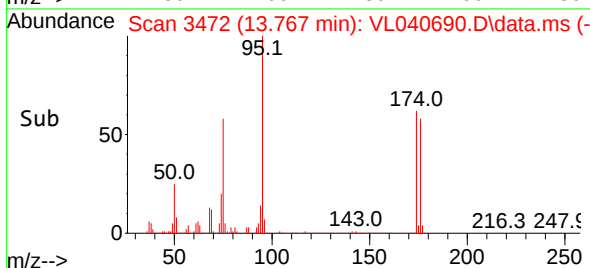
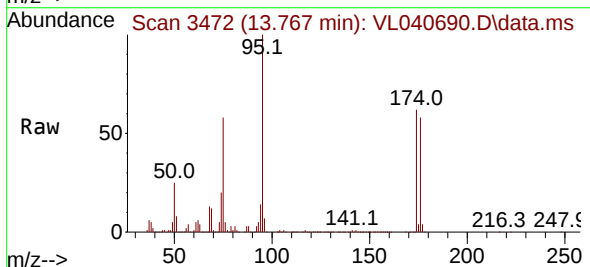
Manual Integrations
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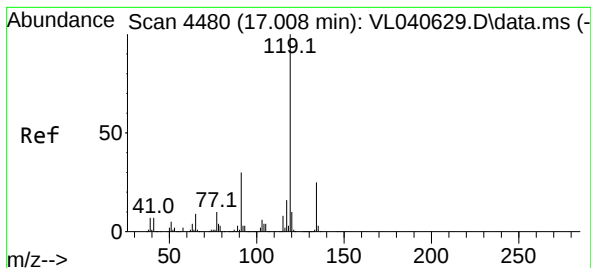
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.327 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.003 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

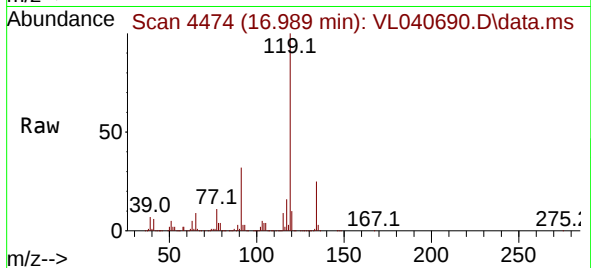
Tgt Ion: 95 Resp: 2327009
 Ion Ratio Lower Upper
 95 100
 174 61.6 48.9 73.3
 175 4.5 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.095 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

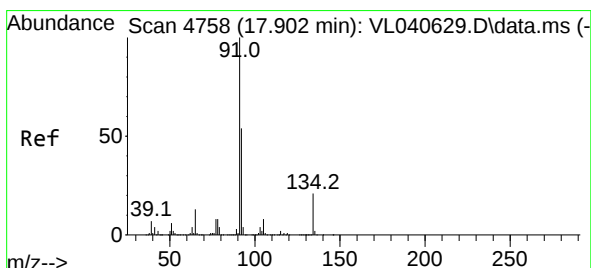
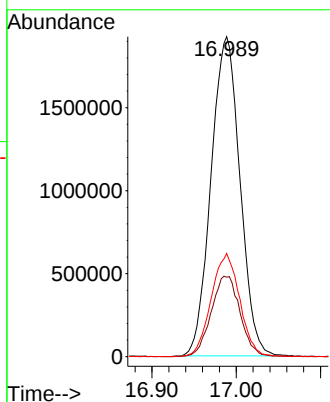
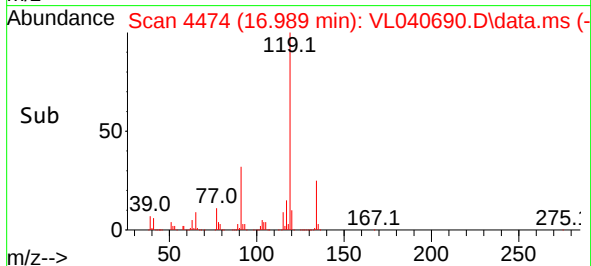
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



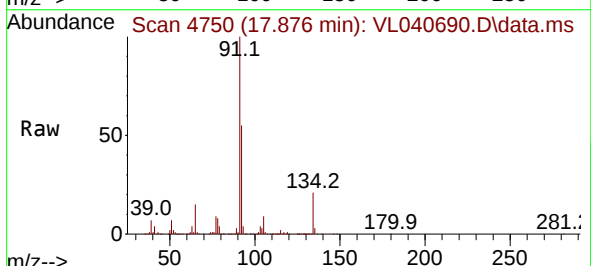
Tgt Ion:119 Resp: 458310
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 31.9 25.0 37.6

Manual Integrations
APPROVED

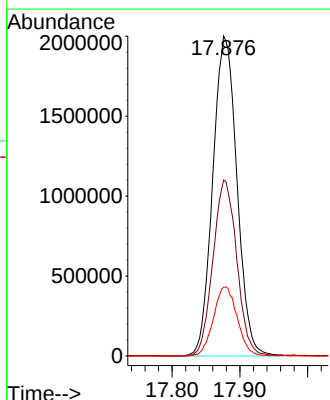
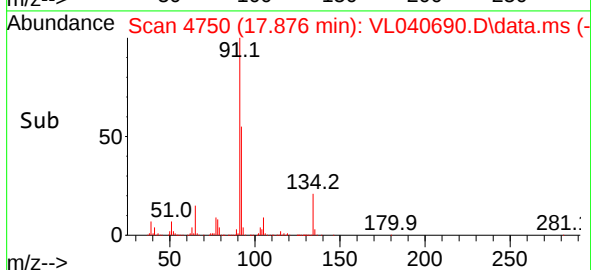
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

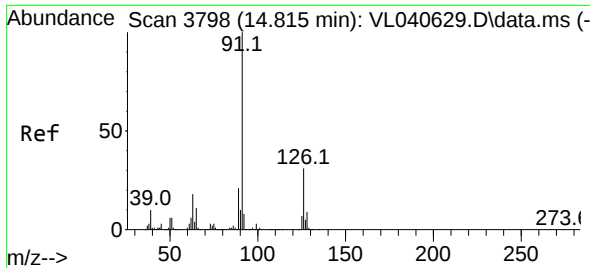


#70
n-Butylbenzene
Concen: 9.926 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. -0.007 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



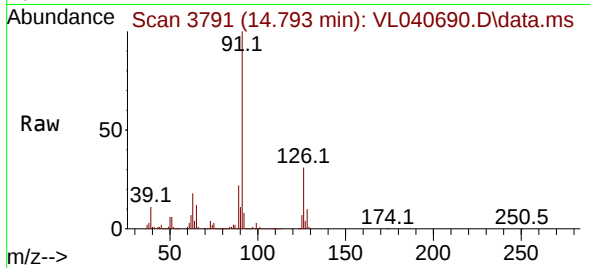
Tgt Ion: 91 Resp: 4959800
Ion Ratio Lower Upper
91 100
92 54.2 42.7 64.1
134 21.3 17.0 25.4





#71
2-Chlorotoluene
Concen: 10.453 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

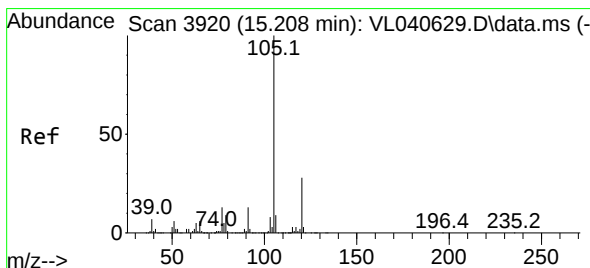
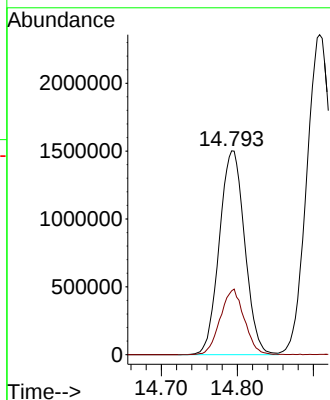
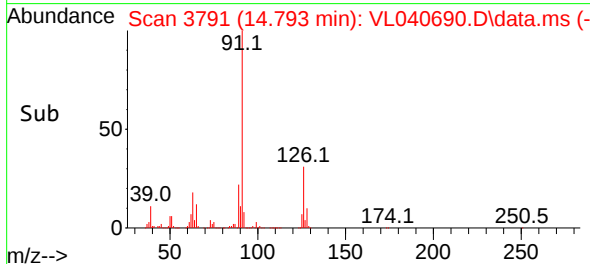
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



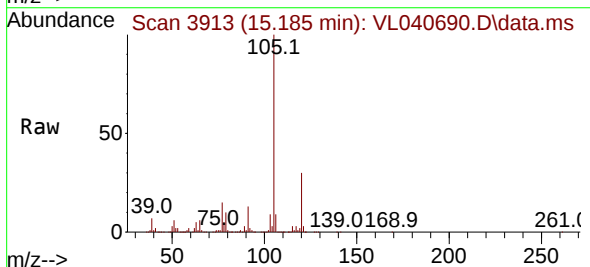
Tgt Ion: 91 Resp: 347696
Ion Ratio Lower Upper
91 100
126 30.5 12.0 47.8

Manual Integrations
APPROVED

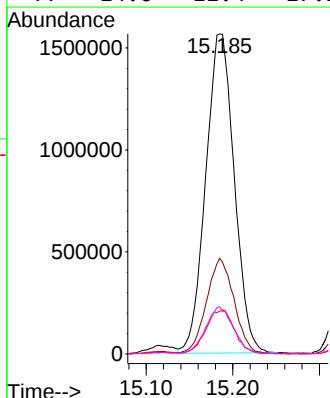
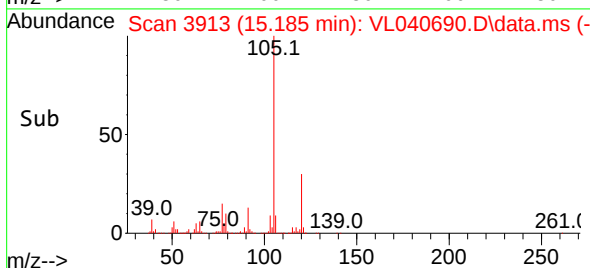
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

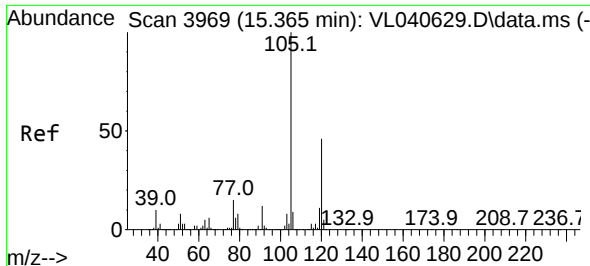


#72
4-Ethyltoluene
Concen: 10.722 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



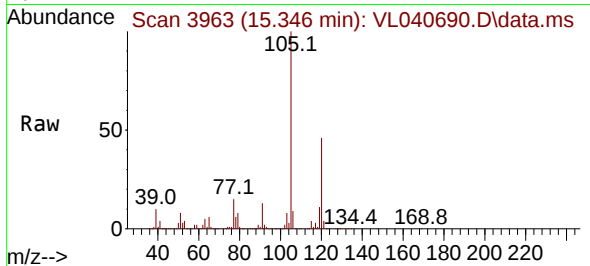
Tgt Ion:105 Resp: 3580210
Ion Ratio Lower Upper
105 100
120 29.2 23.9 35.9
91 13.8 11.0 16.4
77 14.6 11.4 17.2





#73
1,3,5-Trimethylbenzene
Concen: 10.311 ppbv
RT: 15.346 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

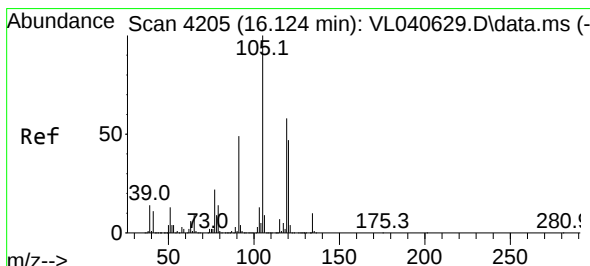
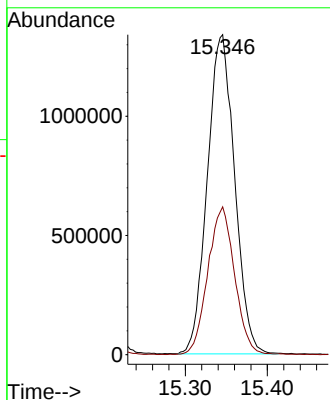
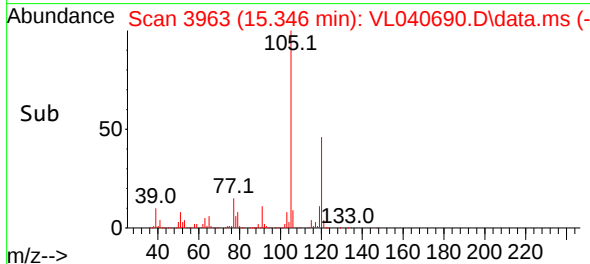
Instrument : MSVOA_L
ClientSampleId : ICVVL091423



Tgt Ion:105 Resp: 310017
Ion Ratio Lower Upper
105 100
120 46.1 36.1 54.1

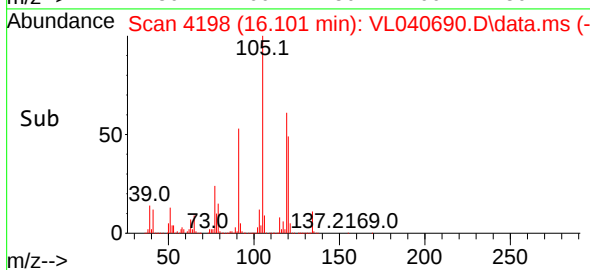
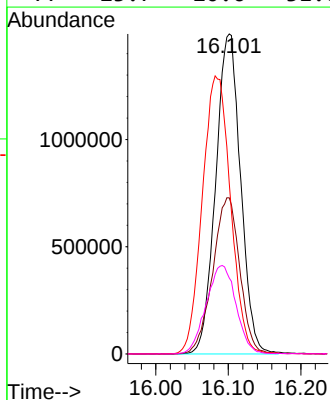
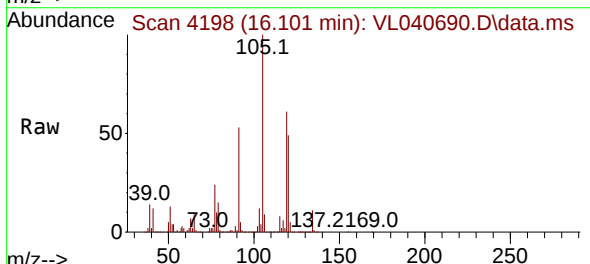
Manual Integrations
APPROVED

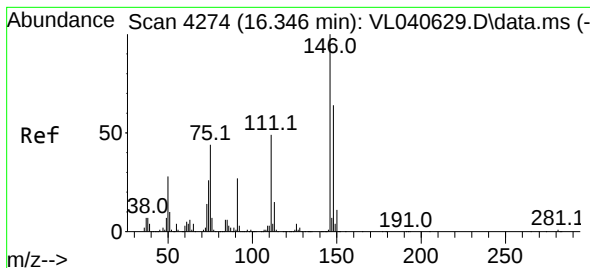
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.701 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

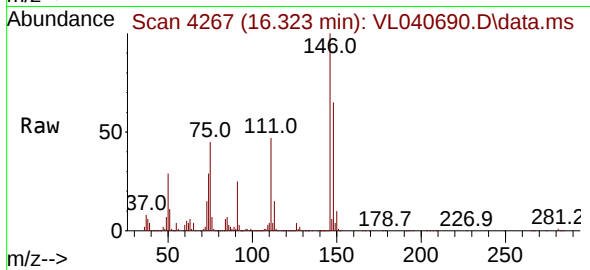
Tgt Ion:105 Resp: 3555980
Ion Ratio Lower Upper
105 100
120 48.7 38.6 57.8
91 53.1 50.0 75.0
77 23.7 20.6 31.0





#75
1,3-Dichlorobenzene
Concen: 9.641 ppbv
RT: 16.323 min Scan# 4311
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

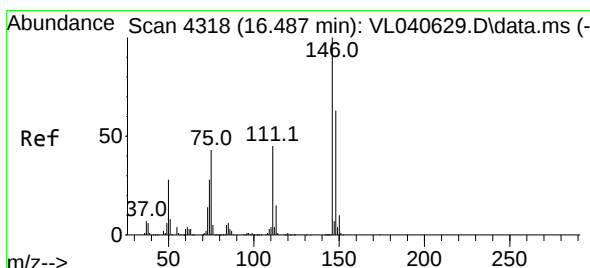
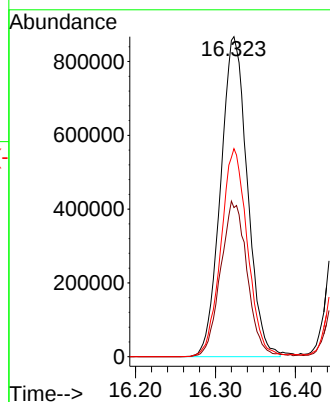
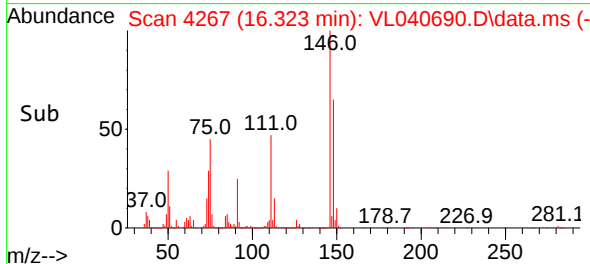
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



Tgt Ion:146 Resp: 201335
Ion Ratio Lower Upper
146 100
111 48.5 23.9 71.7
148 64.7 31.8 95.4

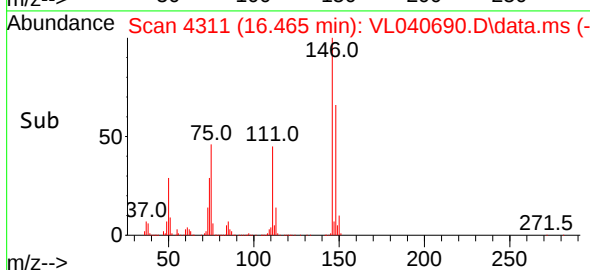
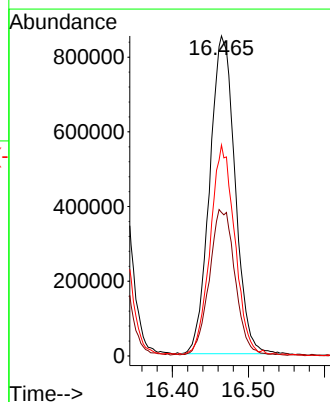
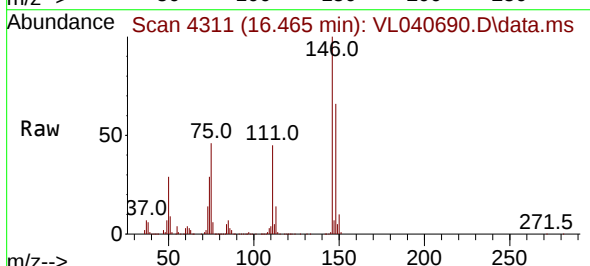
Manual Integrations
APPROVED

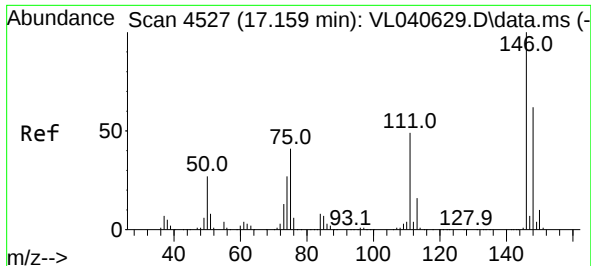
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#76
1,4-Dichlorobenzene
Concen: 9.586 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

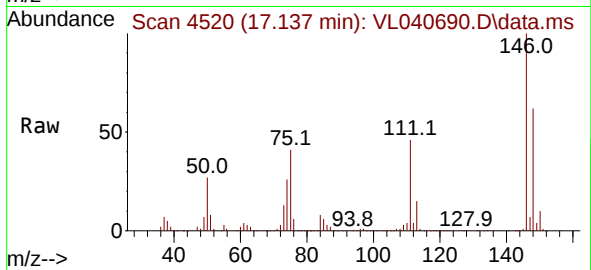
Tgt Ion:146 Resp: 1969734
Ion Ratio Lower Upper
146 100
111 47.4 23.8 71.2
148 65.6 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 9.433 ppbv
RT: 17.137 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

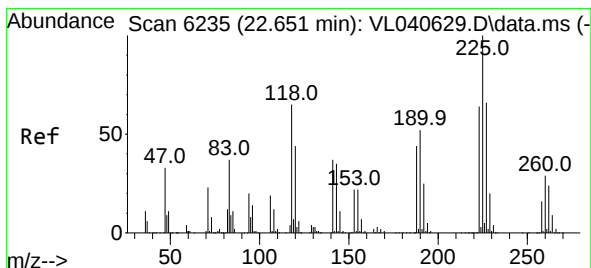
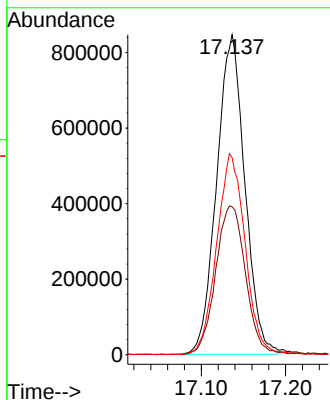
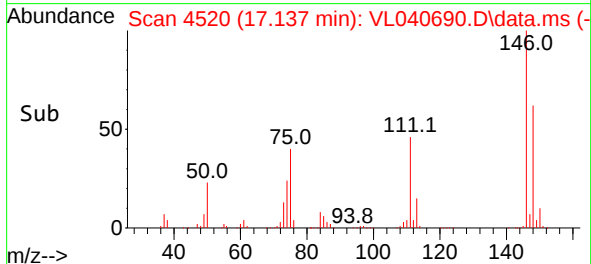
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



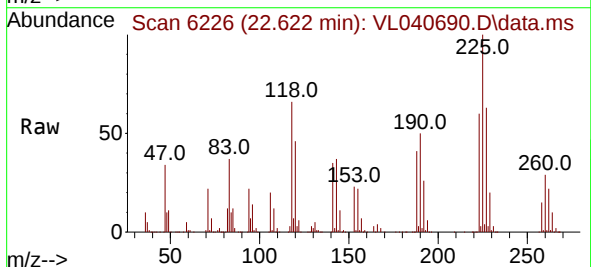
Tgt Ion:146 Resp: 1962134
Ion Ratio Lower Upper
146 100
111 49.7 25.0 75.0
148 63.9 32.4 97.0

Manual Integrations
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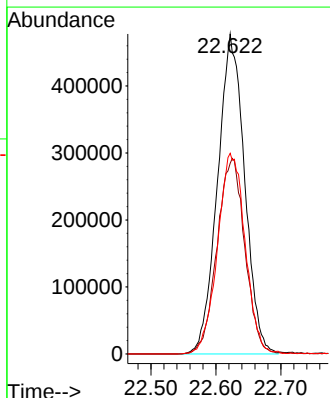
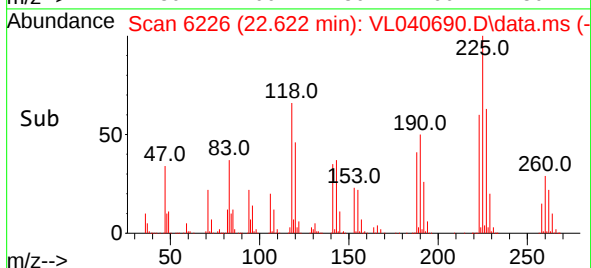
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

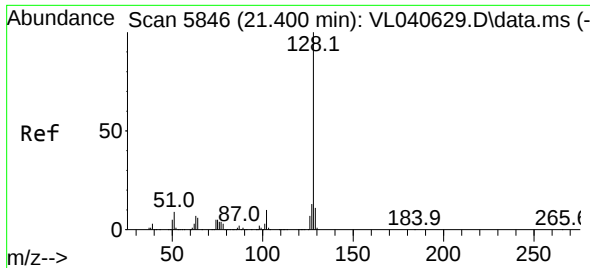


#78
Hexachloro-1,3-Butadiene
Concen: 8.767 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.007 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



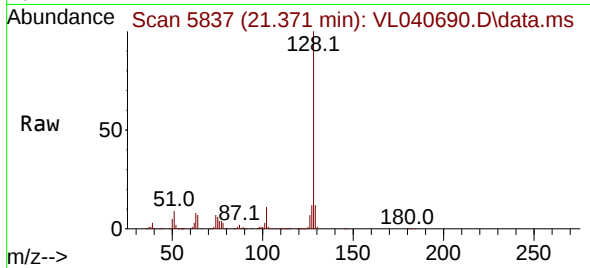
Tgt Ion:225 Resp: 1379783
Ion Ratio Lower Upper
225 100
223 63.2 51.2 76.8
227 64.1 50.7 76.1





#79
Naphthalene
Concen: 12.752 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.007 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

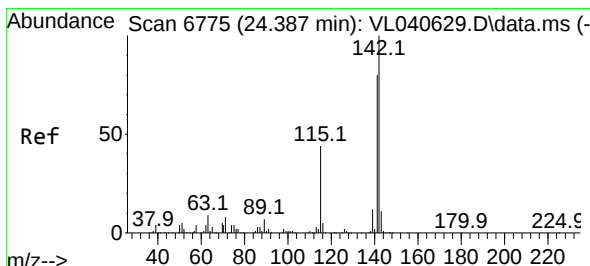
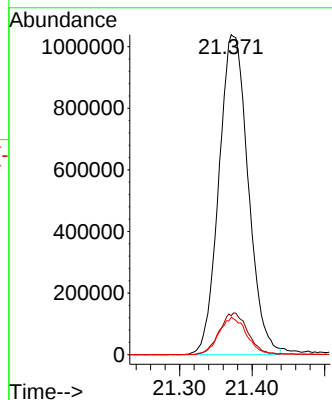
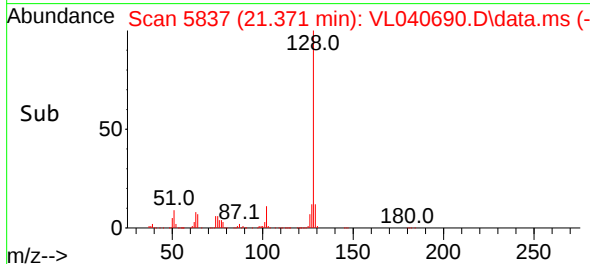
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423



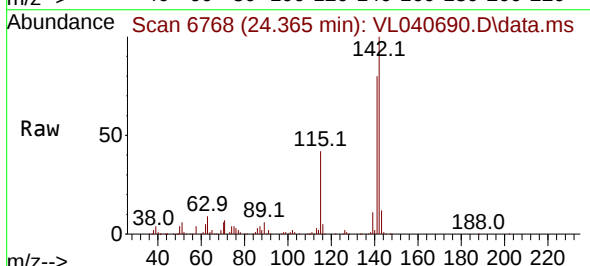
Tgt Ion:128 Resp: 290858
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 11.7 8.4 12.6

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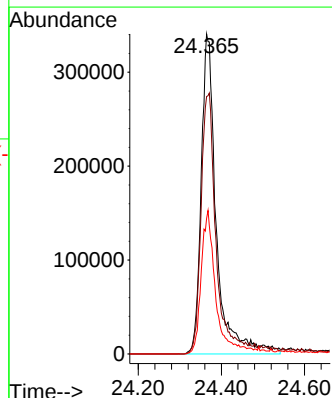
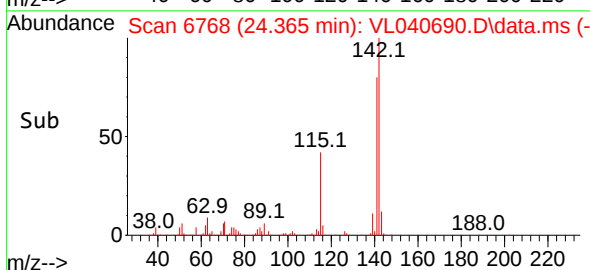
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

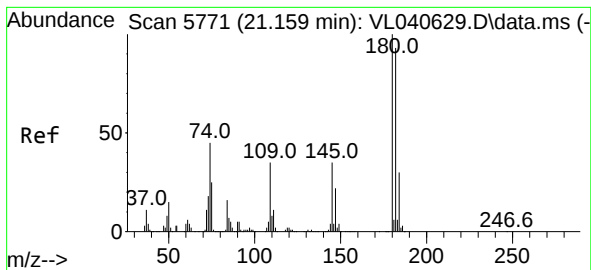


#80
Naphthalene,2-methyl-
Concen: 15.505 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.010 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



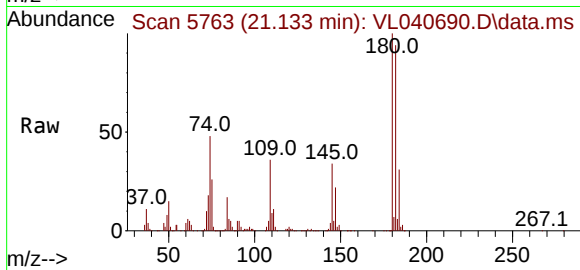
Tgt Ion:142 Resp: 866188
Ion Ratio Lower Upper
142 100
141 84.3 67.0 100.6
115 45.9 37.4 56.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.322 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091423



Tgt Ion:180 Resp: 1537979
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.9 116.9
 184 30.5 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

