

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040732.D
 Acq On : 28 Sep 2023 8:13
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/28/2023
 Supervised By : Mahesh Dadoda 09/28/2023

Quant Time: Sep 28 08:46:16 2023

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

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

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1218357	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	3414277	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.445	117	3288102m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 2231521 8.784 ppbv -0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 87.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	2439431	9.087	ppbv	100
3) Chlorodifluoromethane	2.687	51	1899927	9.572	ppbv	95
4) Chloromethane	2.825	50	778383	10.244	ppbv	98
5) Vinyl Chloride	2.931	62	856850	9.541	ppbv	99
6) Bromomethane	3.127	94	388570	8.968	ppbv	97
7) Chloroethane	3.205	64	305781	9.913	ppbv	97
8) Dichlorotetrafluoroethane	2.867	85	2025360	9.139	ppbv	99
9) Propene	2.706	41	662363	11.584	ppbv	99
10) Heptane	7.565	43	1541622	11.965	ppbv	97
11) Trichlorofluoromethane	3.565	101	1954187	8.281	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.066	101	1550308	9.184	ppbv	99
13) Ethanol	3.243	45	155248	9.173	ppbv	95
14) Bromoethene	3.372	108	668456	9.441	ppbv	99
15) Acetone	3.471	43	1444063	8.986	ppbv	99
16) 1,3-Butadiene	2.996	39	718649	10.261	ppbv	90
17) tert-Butyl alcohol	3.880	59	1571262	9.545	ppbv	99
18) 1,1-Dichloroethene	3.883	96	709116	9.451	ppbv	98
19) Isopropyl Alcohol	3.581	45	975677	10.076	ppbv #	98
20) Methylene Chloride	3.934	84	623043	7.203	ppbv	95
21) Allyl Chloride	3.996	41	1000192	10.155	ppbv	98
22) trans-1,2-Dichloroethene	4.442	96	758107	10.219	ppbv	98
23) Vinyl Acetate	4.623	43	1830506	11.014	ppbv	99
24) 1,1-Dichloroethane	4.561	63	1502272	9.659	ppbv	99
25) Ethyl Acetate	5.198	43	2774799	10.706	ppbv	99
26) Hexane	5.208	57	1307500	10.668	ppbv	91
27) Carbon Disulfide	4.124	76	1892959	11.076	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	1153653	10.941	ppbv	100
29) Chloroform	5.269	83	2027244	9.580	ppbv	100
30) Cyclohexane	6.590	84	1102619	11.947	ppbv	96
31) cis-1,2-Dichloroethene	5.073	61	1310813	11.528	ppbv	92
32) 1,1,1-Trichloroethane	5.992	97	2012917	9.305	ppbv	99
34) 2-Butanone	4.780	43	1635563	9.525	ppbv	99
35) Carbon Tetrachloride	6.481	117	2085453	8.895	ppbv	97
36) Benzene	6.359	78	2789874	11.034	ppbv	96
37) 1,2-Dichloroethane	5.799	62	1510608	8.730	ppbv #	97
38) Trichloroethene	7.278	130	1097447	11.382	ppbv	96
39) 1,2-Dichloropropane	7.060	63	1036848	10.654	ppbv	95
40) 1,4-Dioxane	7.272	88	453336	12.322	ppbv #	99
41) Tetrahydrofuran	5.545	42	1038584	11.796	ppbv	99
42) Bromodichloromethane	7.237	83	2231214	9.450	ppbv	100
43) Methyl Methacrylate	7.458	69	1134785	12.075	ppbv	95
44) 2,2,4-Trimethylpentane	7.311	57	4458876	11.076	ppbv	96
45) t-1,3-Dichloropropene	8.690	75	1013071	13.902	ppbv	95

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Instrument :
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 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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Quant Time: Sep 28 08:46:16 2023

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

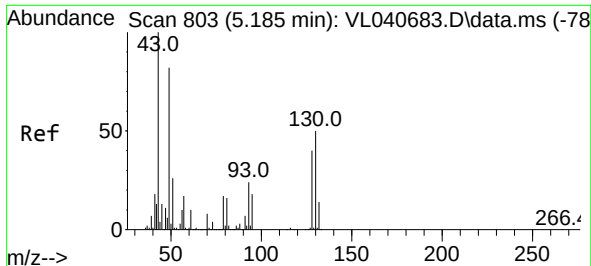
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

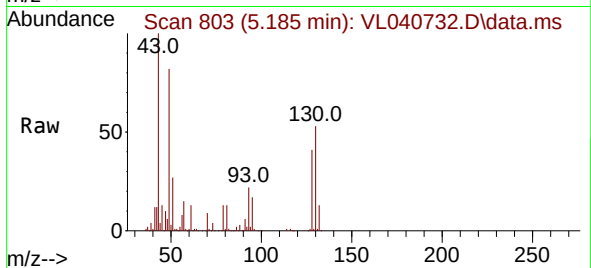
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1171072	13.135	ppbv	92
47) 1,1,2-Trichloroethane	8.883	97	1145796	10.259	ppbv	98
48) Dibromochloromethane	9.693	129	1942126	10.541	ppbv	100
49) Bromoform	12.387	173	1628384	10.762	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2573490	11.091	ppbv	96
51) 2-Hexanone	9.536	43	1861396	11.623	ppbv #	93
52) Tetrachloroethene	10.597	164	973219	11.800	ppbv	96
53) Toluene	9.204	91	3206560	12.013	ppbv	100
54) 1,2-Dibromoethane	9.989	107	1621002	11.371	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.490	131	1421262	9.068	ppbv	98
57) Chlorobenzene	11.507	112	2456365	9.865	ppbv	97
58) Ethyl Benzene	12.069	91	4224369	11.269	ppbv	98
59) m/p-Xylene	12.352	91	7138706m	20.280	ppbv	
60) o-Xylene	13.037	91	3397045	10.119	ppbv	99
61) Styrene	12.876	104	1810277	12.867	ppbv	96
62) Isopropylbenzene	14.008	105	4984347	9.834	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.027	83	2457652	9.341	ppbv	99
64) n-propylbenzene	14.892	120	1322113	10.432	ppbv	93
65) tert-Butylbenzene	16.066	119	4391647	9.653	ppbv	95
66) Benzyl Chloride	16.304	91	578662	10.899	ppbv	97
67) sec-Butylbenzene	16.616	105	6101462	9.369	ppbv	98
69) p-Isopropyltoluene	16.973	119	5056926	9.880	ppbv	98
70) n-Butylbenzene	17.863	91	5300162	9.408	ppbv	98
71) 2-Chlorotoluene	14.780	91	3828617	10.209	ppbv	97
72) 4-Ethyltoluene	15.172	105	3953210	10.501	ppbv	98
73) 1,3,5-Trimethylbenzene	15.326	105	3405108	10.045	ppbv	98
74) 1,2,4-Trimethylbenzene	16.085	105	3765923	9.113	ppbv	94
75) 1,3-Dichlorobenzene	16.307	146	2261931	9.607	ppbv	99
76) 1,4-Dichlorobenzene	16.452	146	2218888	9.578	ppbv	98
77) 1,2-Dichlorobenzene	17.117	146	2183909	9.313	ppbv	98
78) Hexachloro-1,3-Butadiene	22.606	225	1485321	8.371	ppbv	99
79) Naphthalene	21.358	128	3200850	12.447	ppbv	97
80) Naphthalene,2-methyl-	24.355	142	964582	15.315	ppbv	96
81) 1,2,4-Trichlorobenzene	21.117	180	1661827	9.893	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

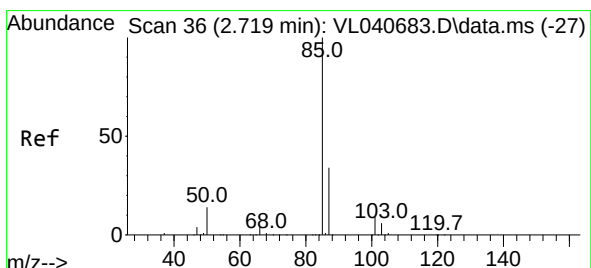
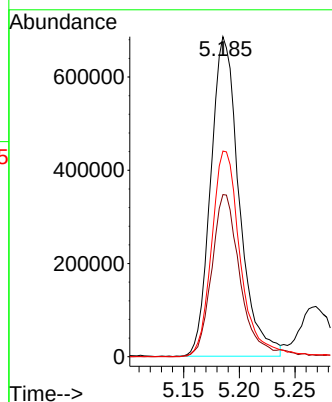
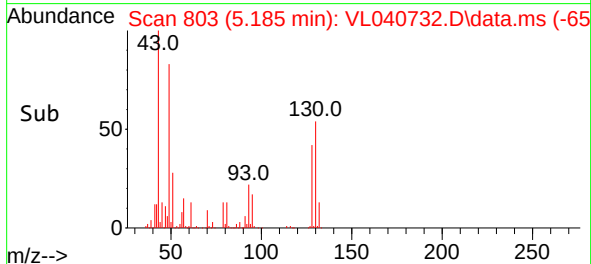
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



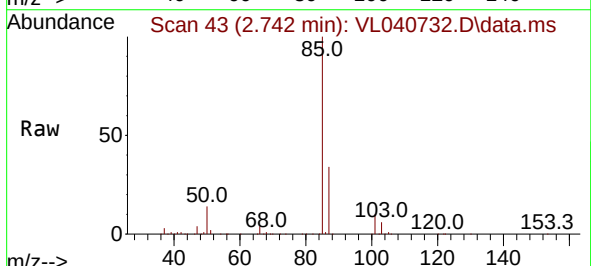
Tgt Ion: 49 Resp: 121835
Ion Ratio Lower Upper
49 100
128 51.8 25.4 76.0
130 66.3 32.3 96.8

Manual Integrations
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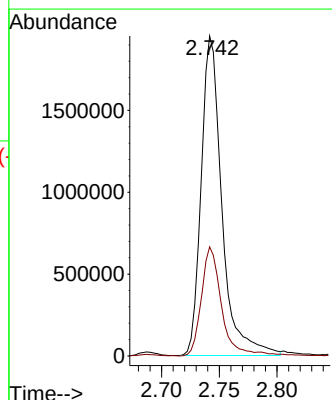
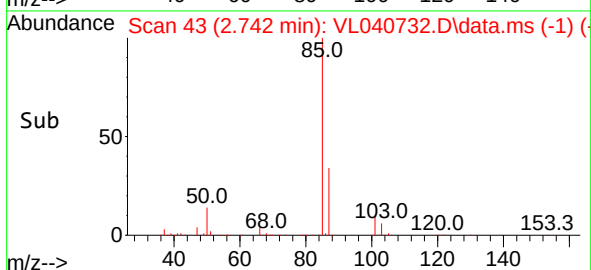
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

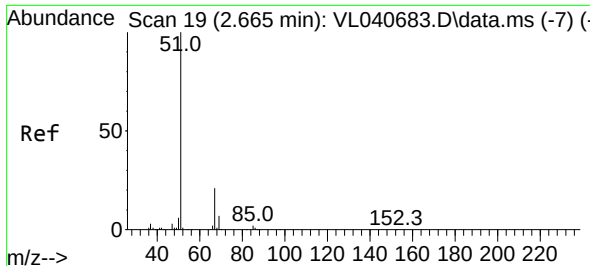


#2
Dichlorodifluoromethane
Concen: 9.087 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.010 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



Tgt Ion: 85 Resp: 2439431
Ion Ratio Lower Upper
85 100
87 34.1 27.2 40.8





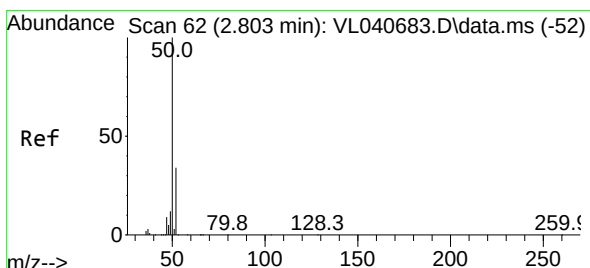
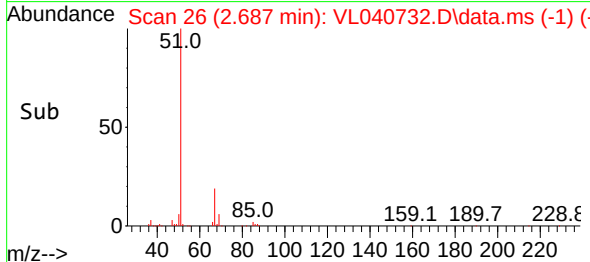
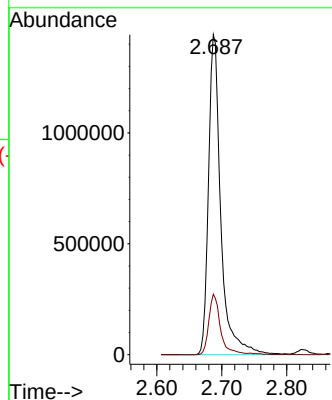
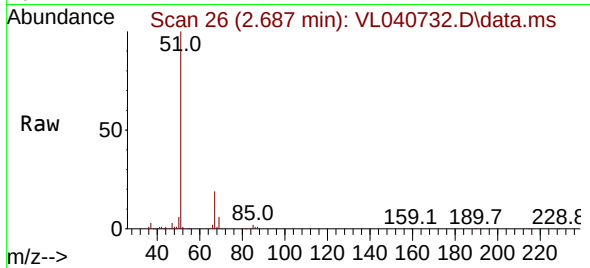
#3
Chlorodifluoromethane
Concen: 9.572 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 189992
Ion Ratio Lower Upper
51 100
67 18.4 16.7 25.1

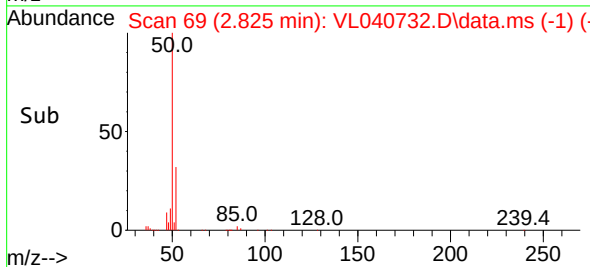
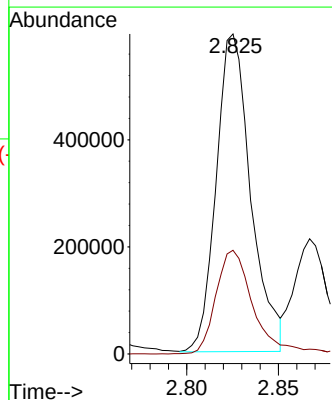
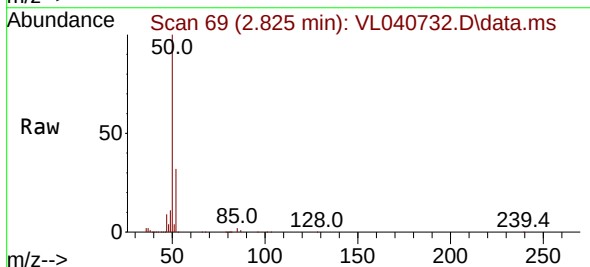
Manual Integrations
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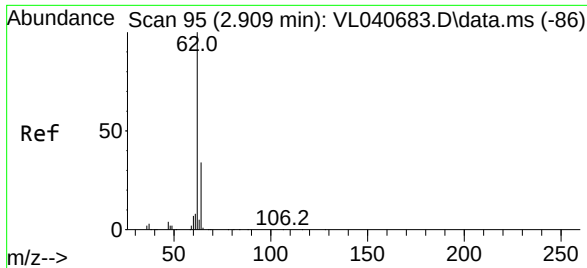
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#4
Chloromethane
Concen: 10.244 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.010 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

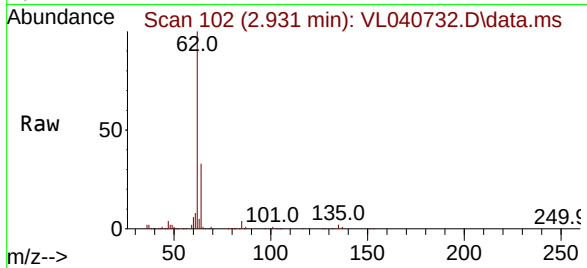
Tgt Ion: 50 Resp: 778383
Ion Ratio Lower Upper
50 100
52 32.6 27.1 40.7





#5
 Vinyl Chloride
 Concen: 9.541 ppbv
 RT: 2.931 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

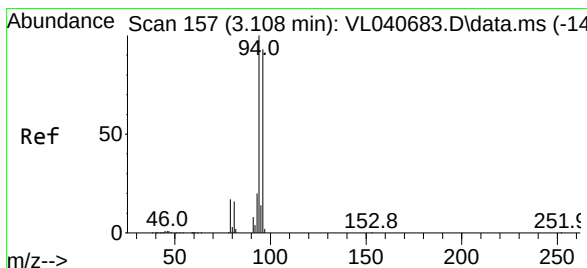
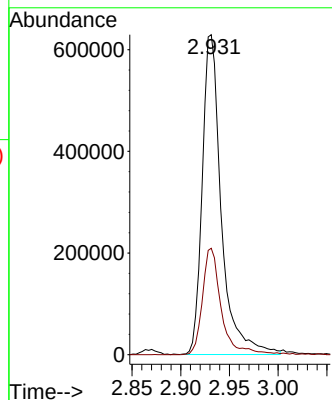
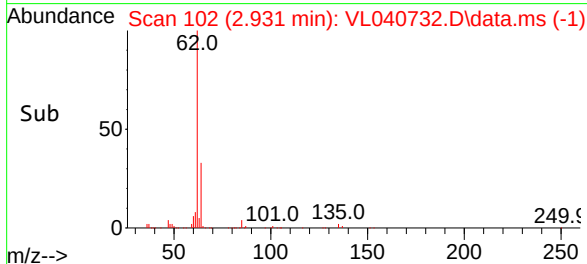
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 856850
 Ion Ratio Lower Upper
 62 100
 64 33.3 27.2 40.8

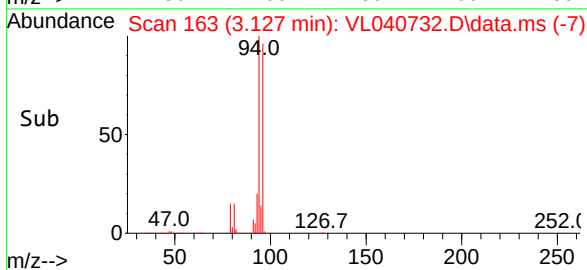
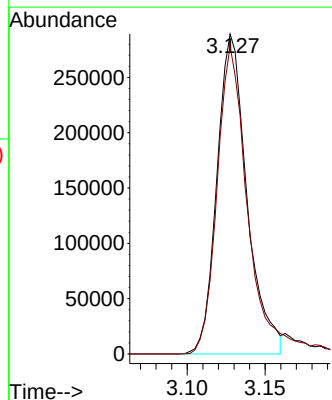
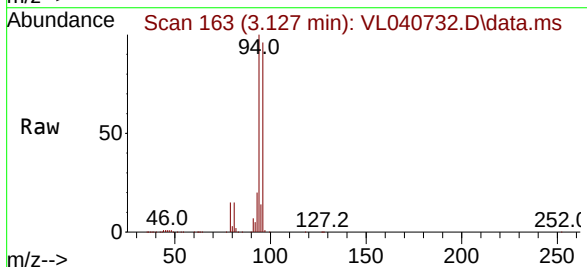
Manual Integrations
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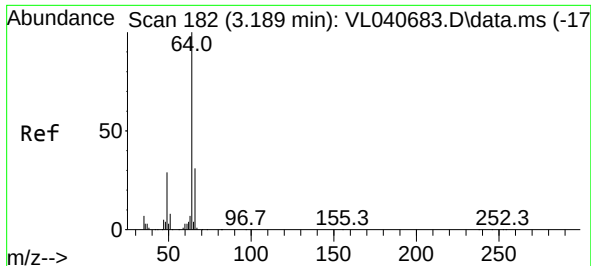
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#6
 Bromomethane
 Concen: 8.968 ppbv
 RT: 3.127 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

Tgt Ion: 94 Resp: 388570
 Ion Ratio Lower Upper
 94 100
 96 96.3 74.4 111.6





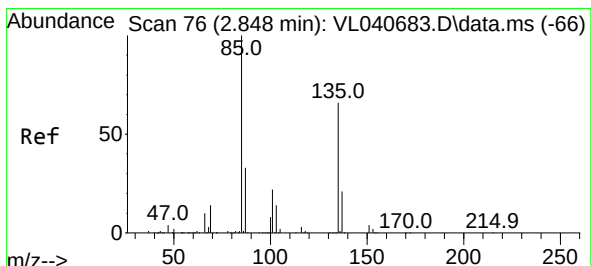
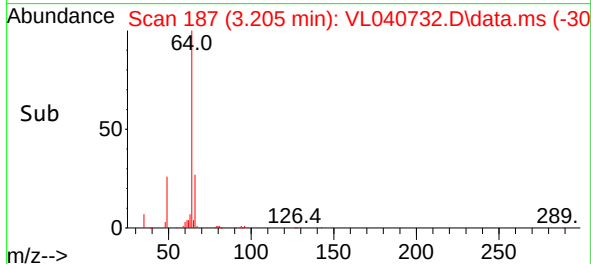
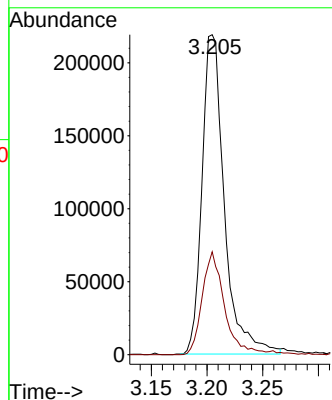
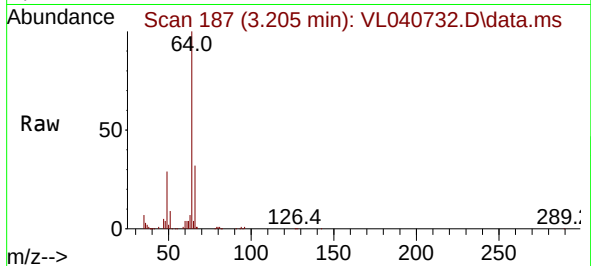
#7
Chloroethane
Concen: 9.913 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 30578
Ion Ratio Lower Upper
64 100
66 32.2 24.5 36.7

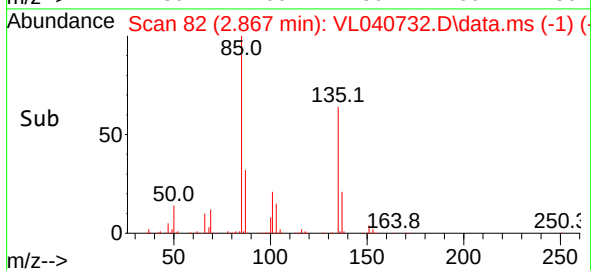
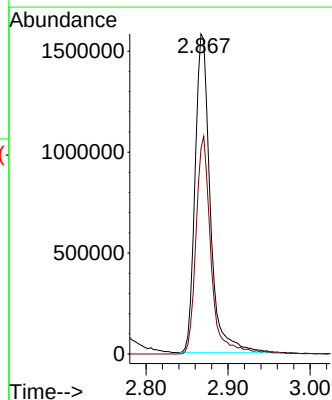
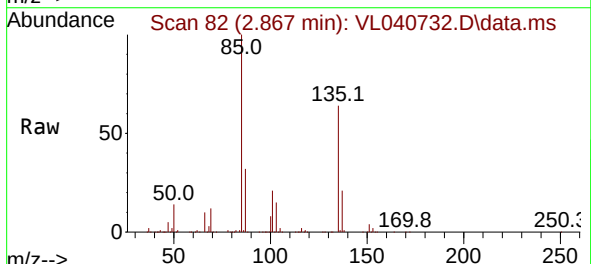
Manual Integrations
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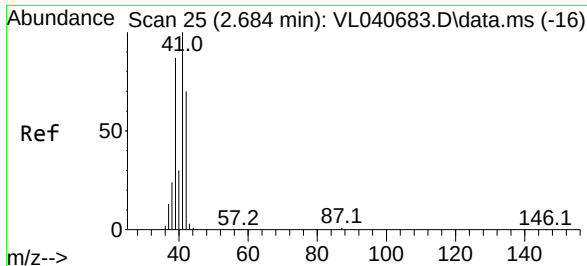
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#8
Dichlorotetrafluoroethane
Concen: 9.139 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.006 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

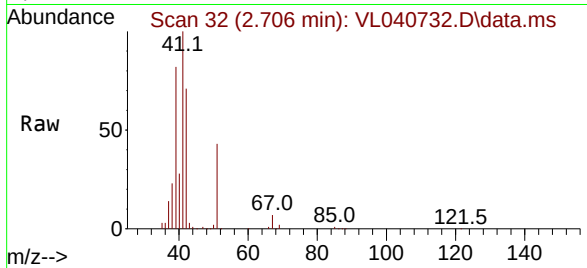
Tgt Ion: 85 Resp: 2025360
Ion Ratio Lower Upper
85 100
135 68.0 53.4 80.2





#9
 Propene
 Concen: 11.584 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

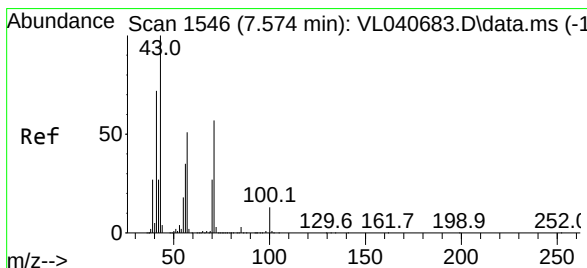
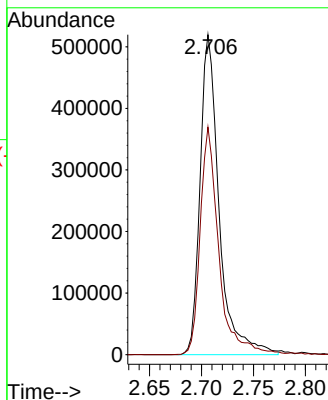
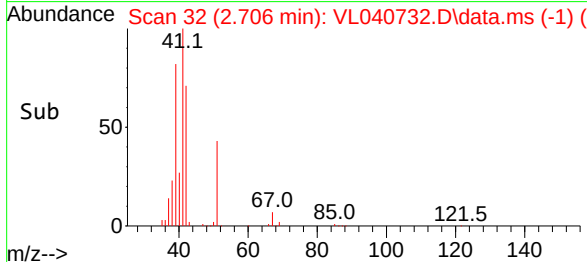
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 66236
 Ion Ratio Lower Upper
 41 100
 42 70.2 56.7 85.1

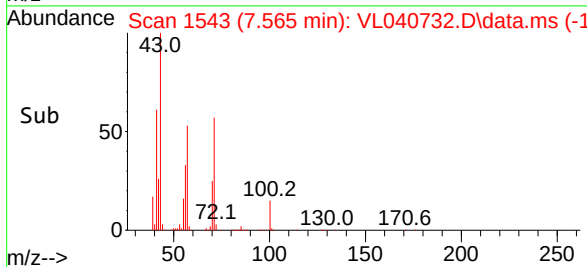
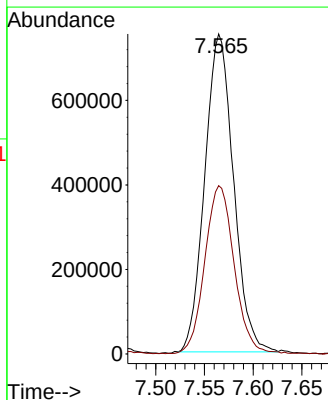
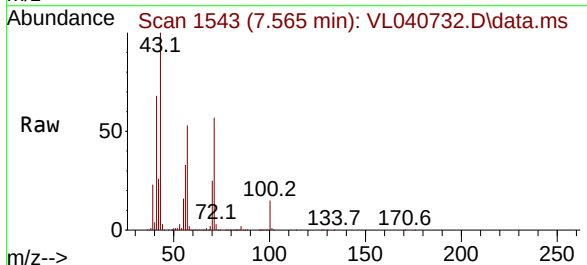
Manual Integrations
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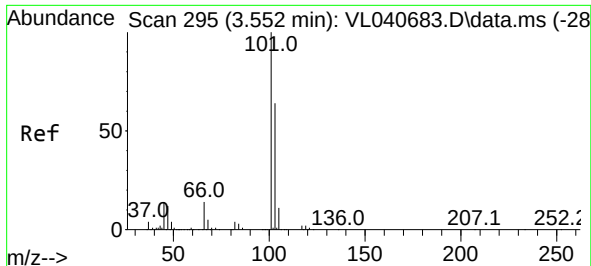
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#10
 Heptane
 Concen: 11.965 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.023 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

Tgt Ion: 43 Resp: 1541622
 Ion Ratio Lower Upper
 43 100
 57 54.6 41.8 62.6





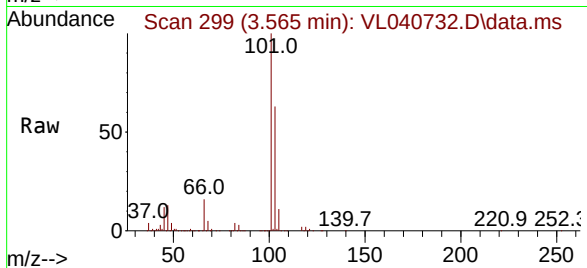
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 Trichlorofluoromethane
 Concen: 8.281 ppbv
 RT: 3.565 min Scan# 295
 Delta R.T. -0.003 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

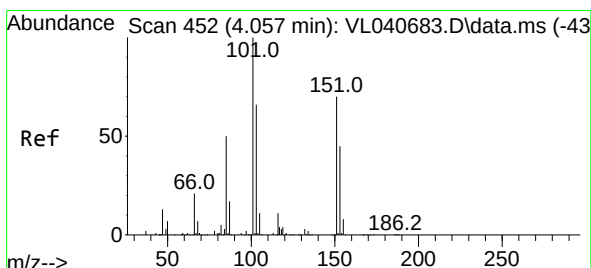
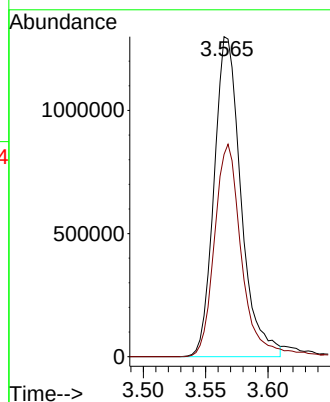
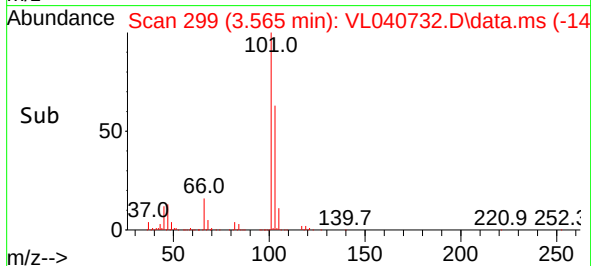


Tgt Ion:101 Resp: 195418
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.3 76.9

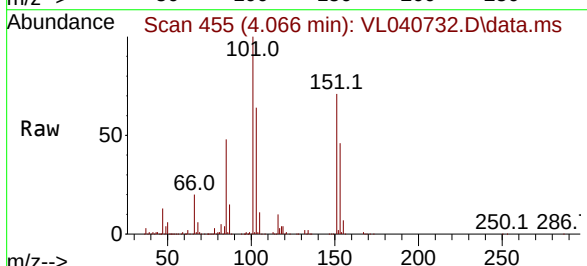
Manual Integrations

APPROVED

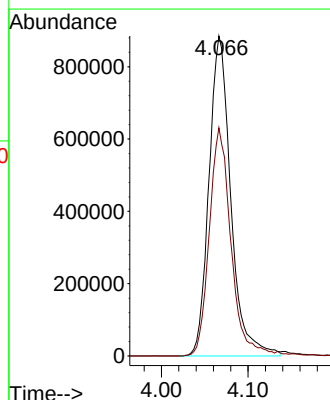
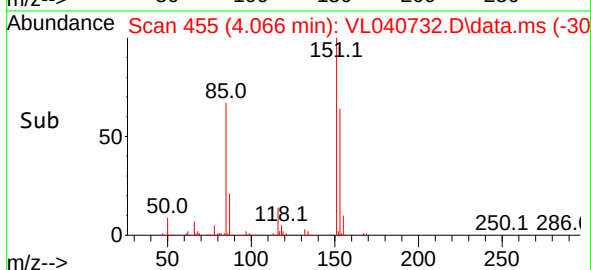
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

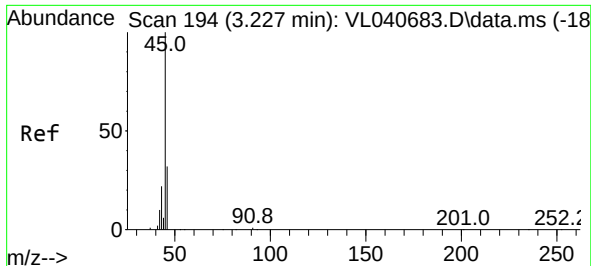


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.184 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.006 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13



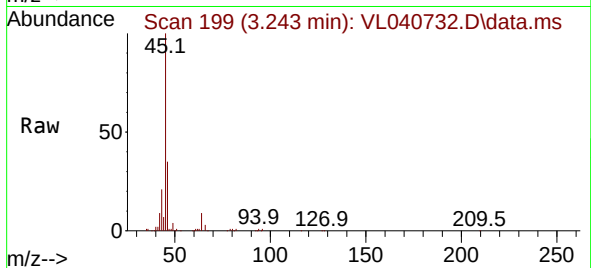
Tgt Ion:101 Resp: 1550308
 Ion Ratio Lower Upper
 101 100
 151 71.6 56.8 85.2





#13
Ethanol
Concen: 9.173 ppbv
RT: 3.243 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

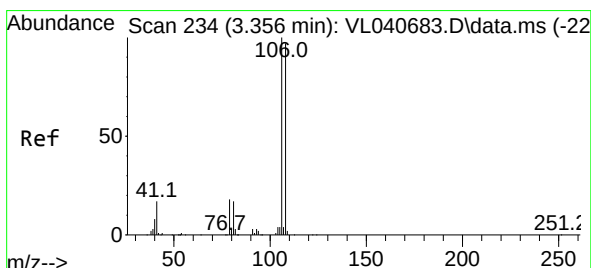
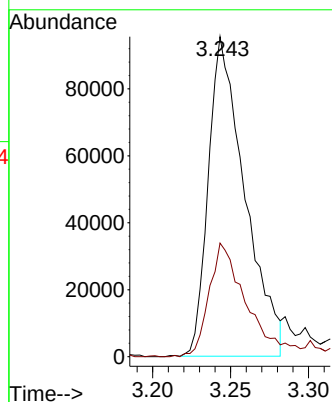
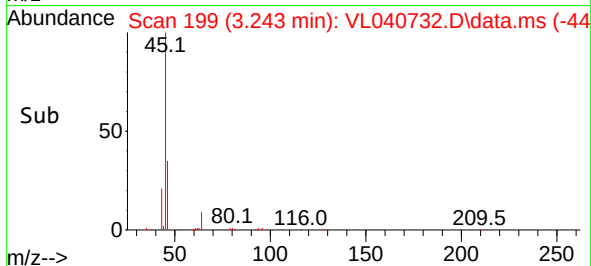
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



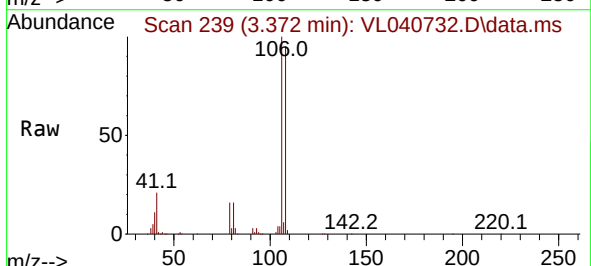
Tgt Ion: 45 Resp: 155248
Ion Ratio Lower Upper
45 100
46 41.0 15.2 61.0

Manual Integrations
APPROVED

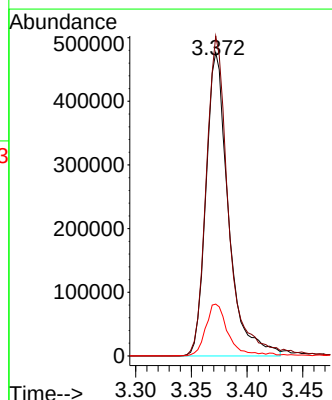
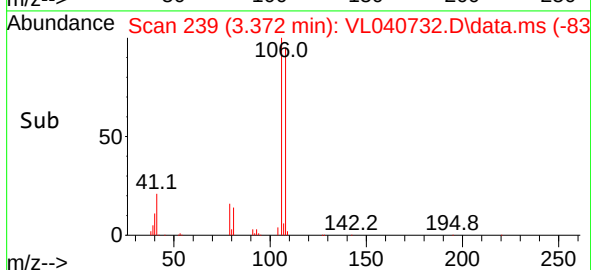
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

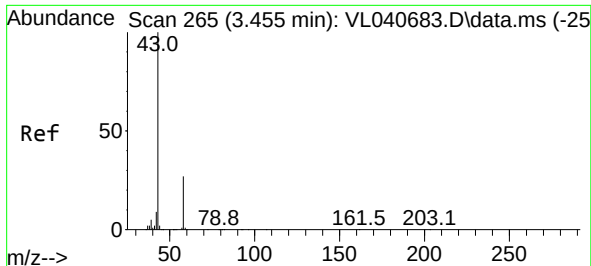


#14
Bromoethene
Concen: 9.441 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.003 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



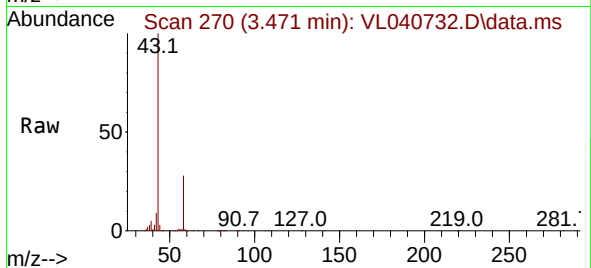
Tgt Ion:108 Resp: 668456
Ion Ratio Lower Upper
108 100
106 106.5 86.0 129.0
79 18.1 15.6 23.4





#15
Acetone
Concen: 8.986 ppbv
RT: 3.471 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

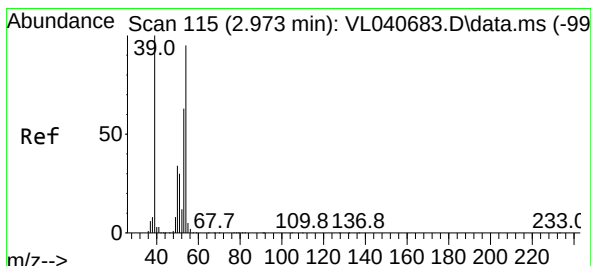
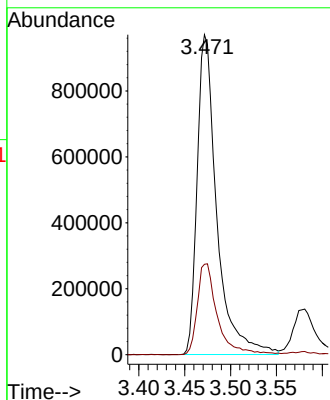
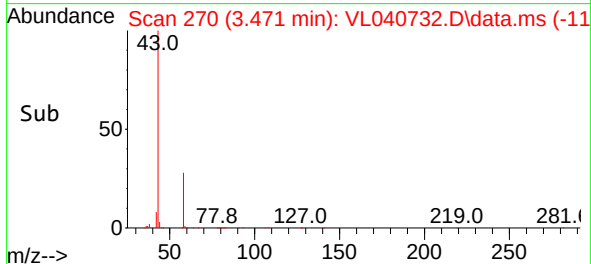
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



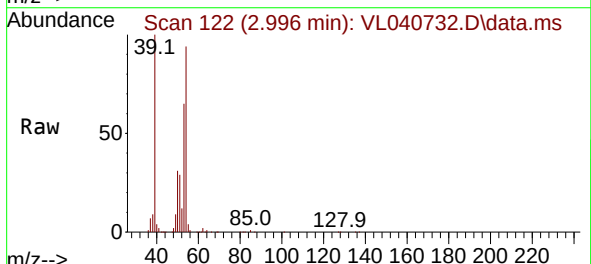
Tgt Ion: 43 Resp: 144406
Ion Ratio Lower Upper
43 100
58 29.1 22.6 34.0

Manual Integrations
APPROVED

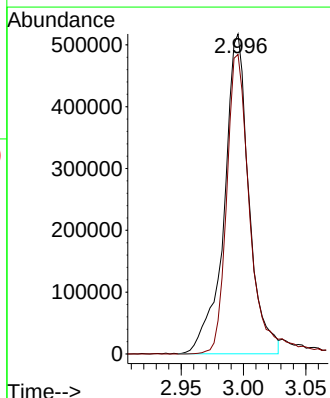
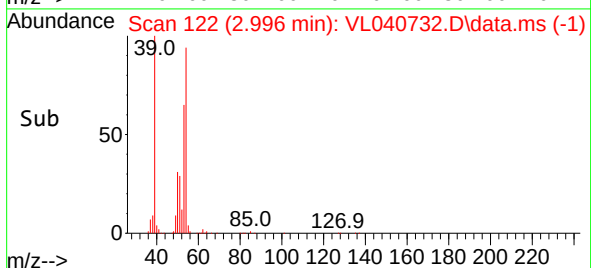
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

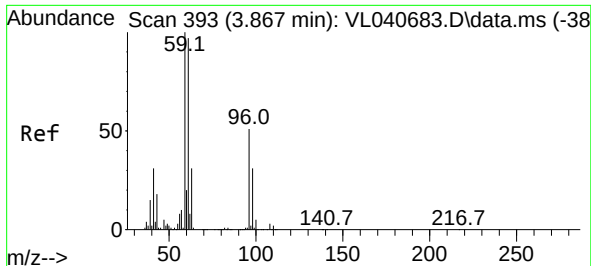


#16
1,3-Butadiene
Concen: 10.261 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.006 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



Tgt Ion: 39 Resp: 718649
Ion Ratio Lower Upper
39 100
54 90.0 64.8 97.2





#17

tert-Butyl alcohol

Concen: 9.545 ppbv

RT: 3.880 min Scan# 393

Delta R.T. -0.003 min

Lab File: VL040732.D

Acq: 28 Sep 2023 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 157126

Ion Ratio Lower Upper

59 100

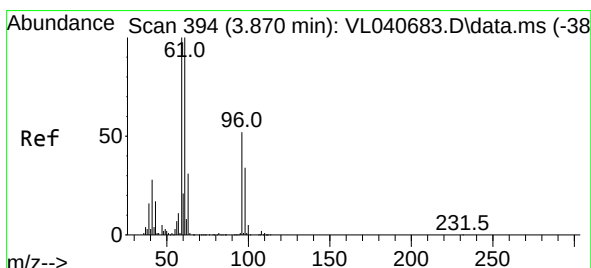
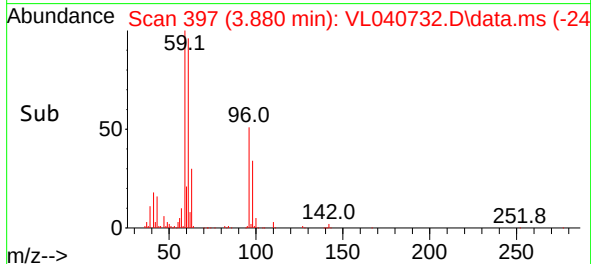
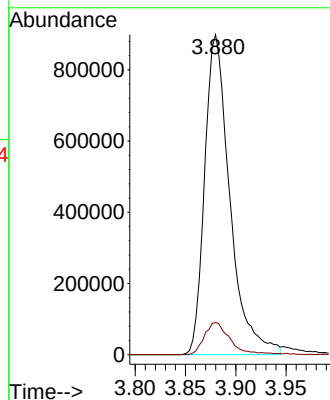
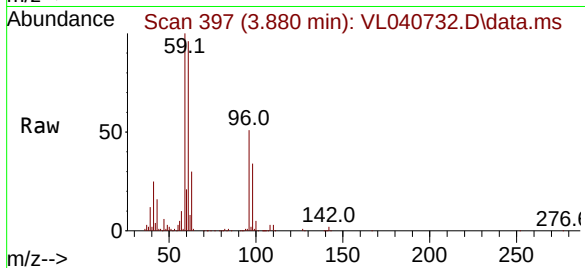
57 10.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#18

1,1-Dichloroethene

Concen: 9.451 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.000 min

Lab File: VL040732.D

Acq: 28 Sep 2023 8:13

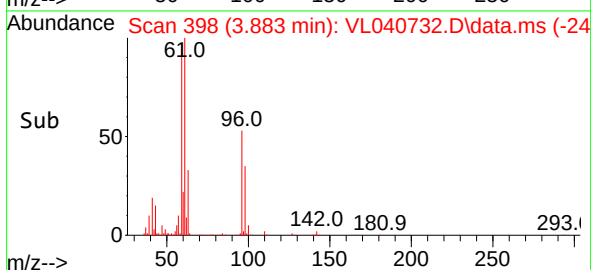
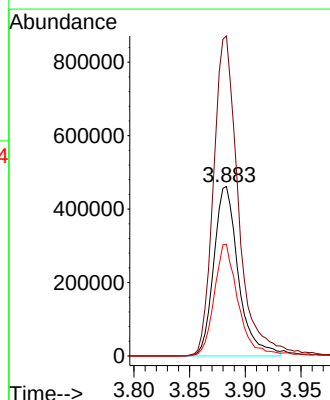
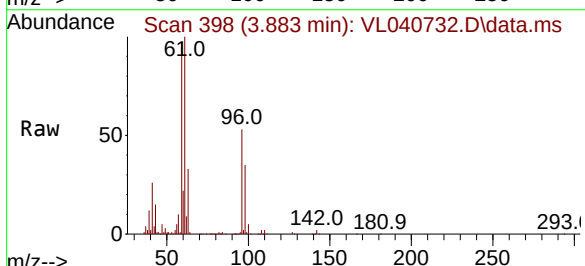
Tgt Ion: 96 Resp: 709116

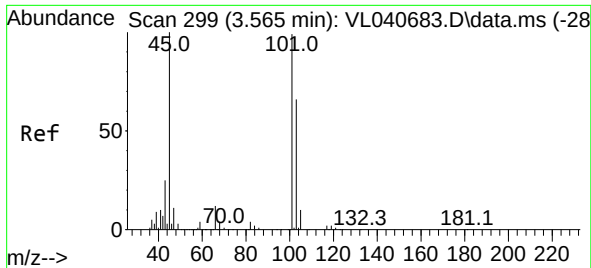
Ion Ratio Lower Upper

96 100

61 188.8 153.6 230.4

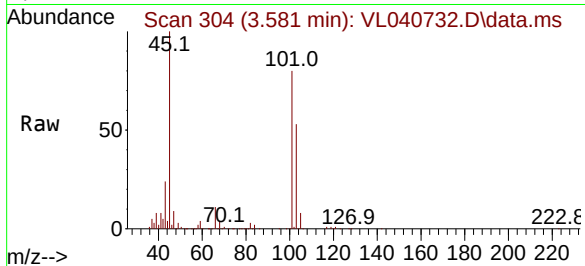
98 65.9 51.9 77.9





#19
Isopropyl Alcohol
Concen: 10.076 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.003 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

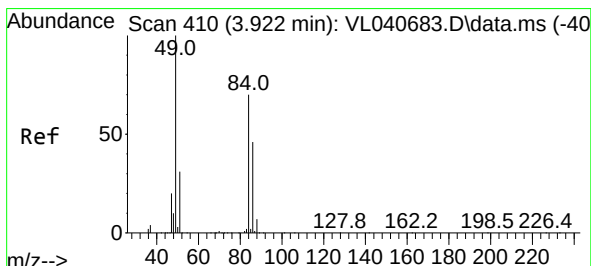
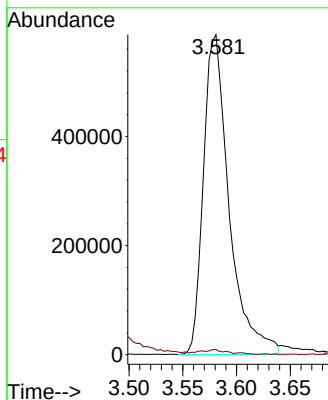
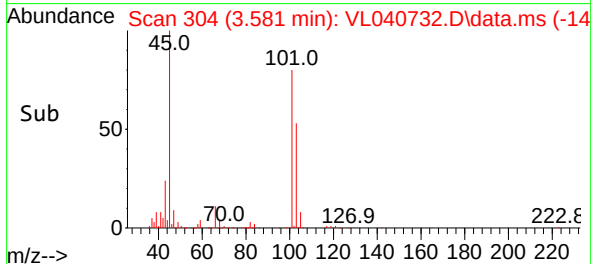
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



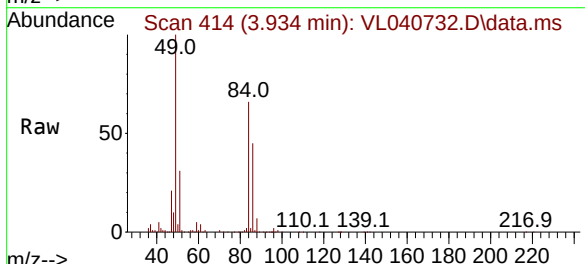
Tgt Ion: 45 Resp: 97567
Ion Ratio Lower Upper
45 100
58 1.8 1.9 2.9

Manual Integrations
APPROVED

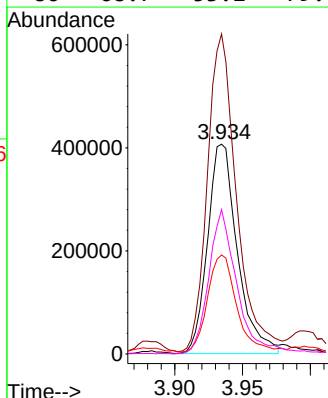
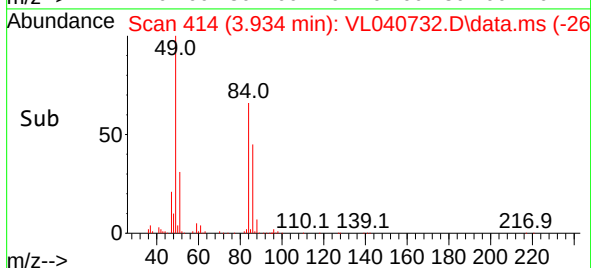
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

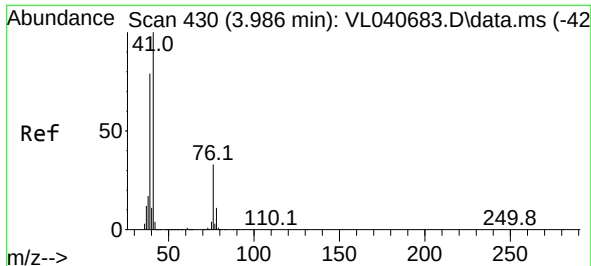


#20
Methylene Chloride
Concen: 7.203 ppbv
RT: 3.934 min Scan# 414
Delta R.T. -0.003 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



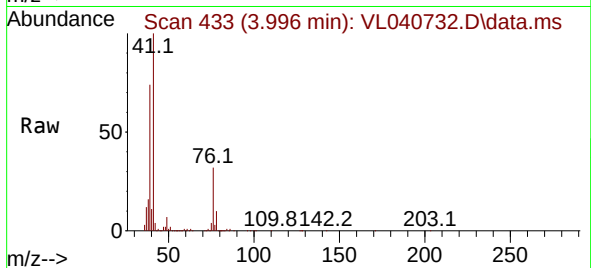
Tgt Ion: 84 Resp: 623043
Ion Ratio Lower Upper
84 100
49 151.2 114.4 171.6
51 46.4 35.5 53.3
86 68.7 53.2 79.8





#21
 Allyl Chloride
 Concen: 10.155 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

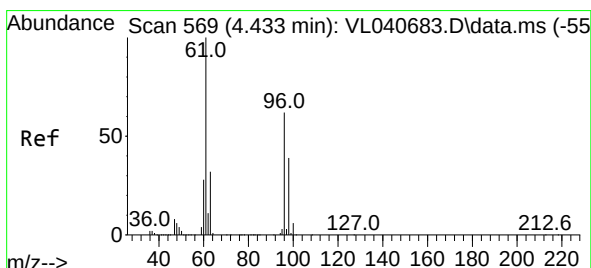
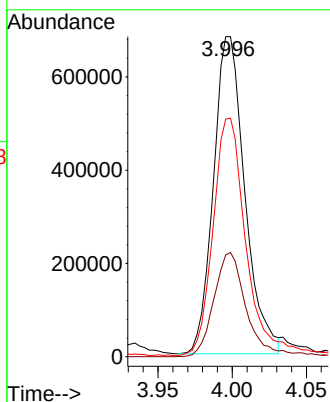
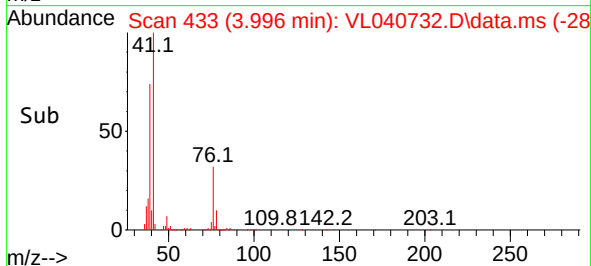
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 1000192
 Ion Ratio Lower Upper
 41 100
 76 34.4 26.6 40.0
 39 79.2 65.0 97.4

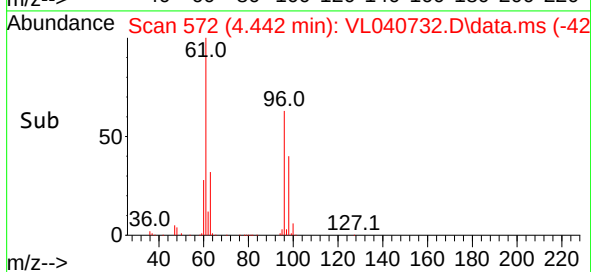
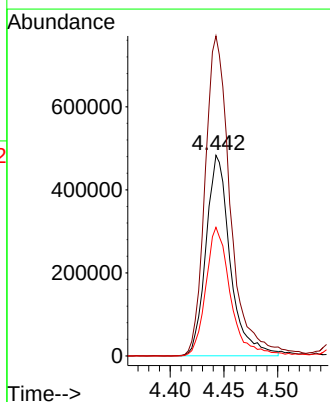
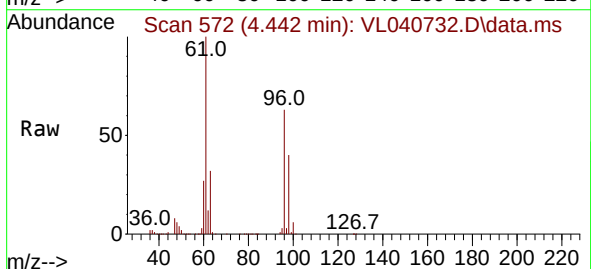
Manual Integrations
 APPROVED

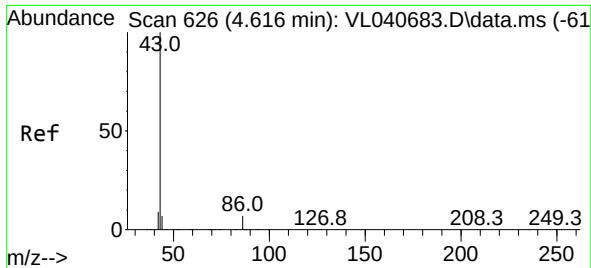
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.219 ppbv
 RT: 4.442 min Scan# 572
 Delta R.T. -0.010 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

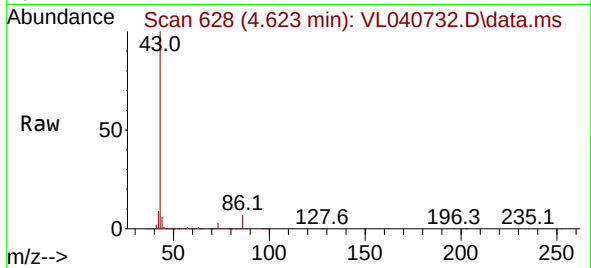
Tgt Ion: 96 Resp: 758107
 Ion Ratio Lower Upper
 96 100
 61 159.5 129.9 194.9
 98 64.1 50.2 75.4





#23
 Vinyl Acetate
 Concen: 11.014 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

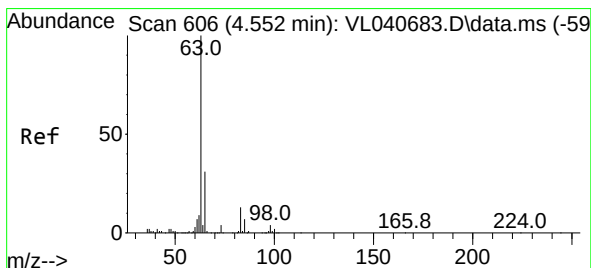
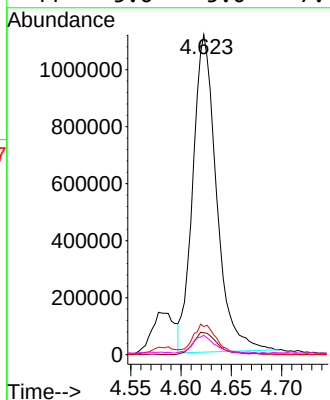
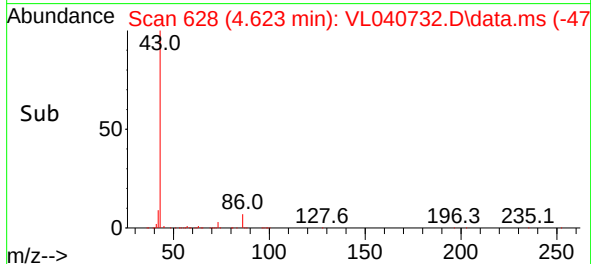
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 1830500
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.6 8.4
 42 8.7 7.6 11.4
 44 5.6 5.0 7.4

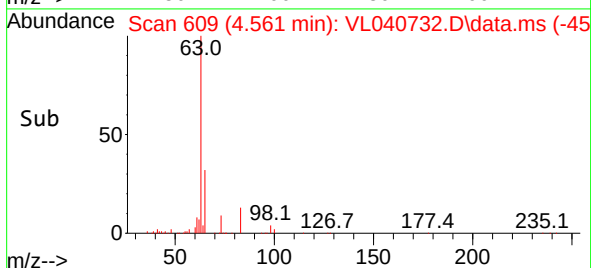
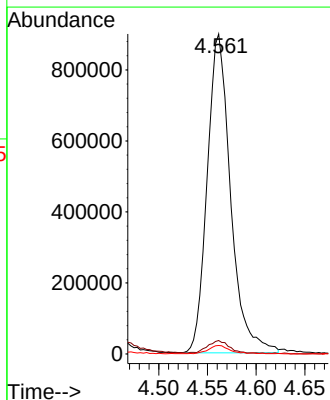
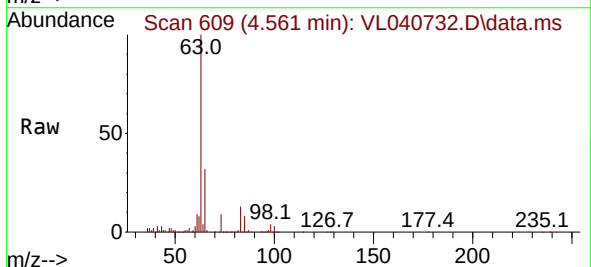
Manual Integrations
 APPROVED

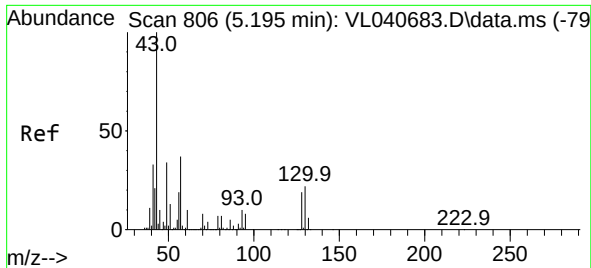
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#24
 1,1-Dichloroethane
 Concen: 9.659 ppbv
 RT: 4.561 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

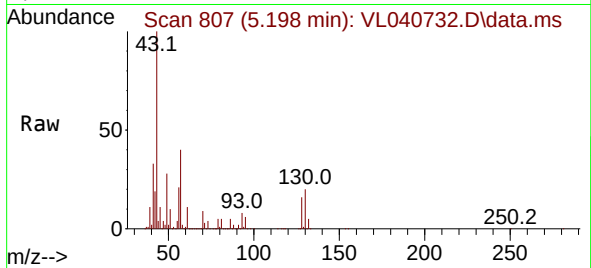
Tgt Ion: 63 Resp: 1502272
 Ion Ratio Lower Upper
 63 100
 98 4.1 1.8 5.5
 100 2.5 1.2 3.6





#25
Ethyl Acetate
Concen: 10.706 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.013 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

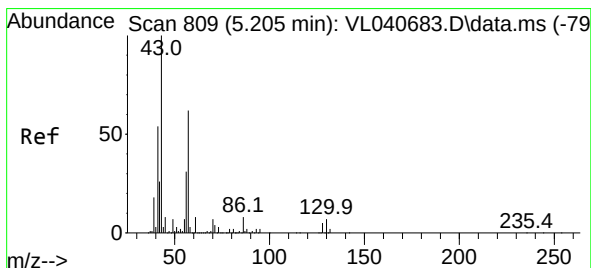
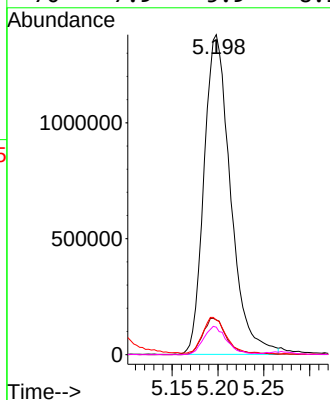
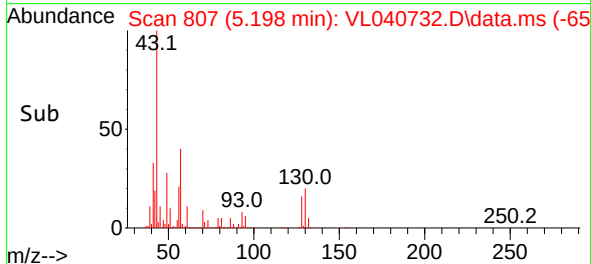
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



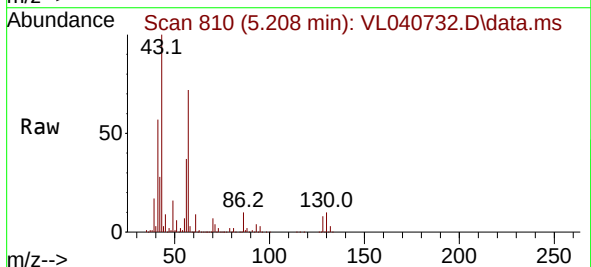
Tgt Ion: 43 Resp: 2774799
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.4
61 10.8 8.2 12.4
70 7.9 5.9 8.9

Manual Integrations
APPROVED

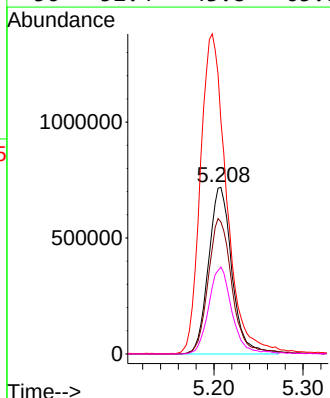
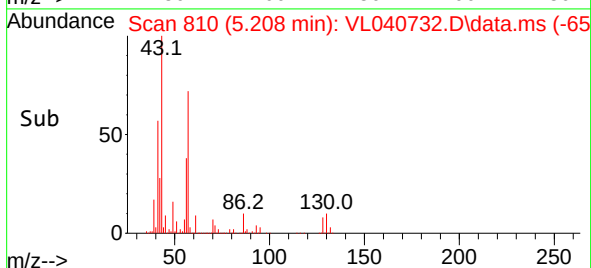
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

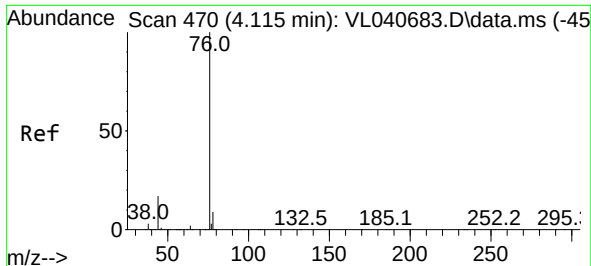


#26
Hexane
Concen: 10.668 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



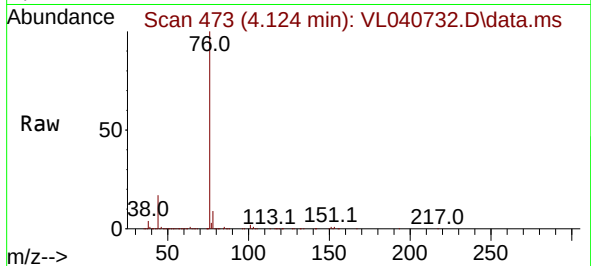
Tgt Ion: 57 Resp: 1307500
Ion Ratio Lower Upper
57 100
41 83.6 75.2 112.8
43 215.4 185.6 278.4
56 52.4 43.8 65.8





#27
Carbon Disulfide
Concen: 11.076 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

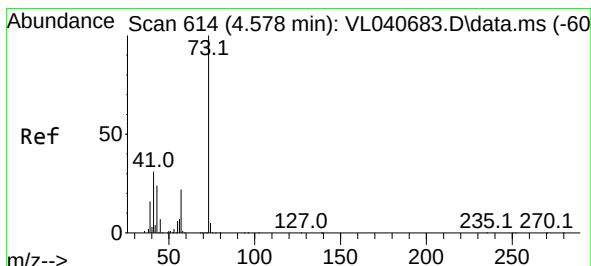
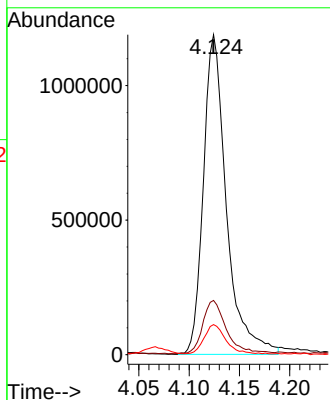
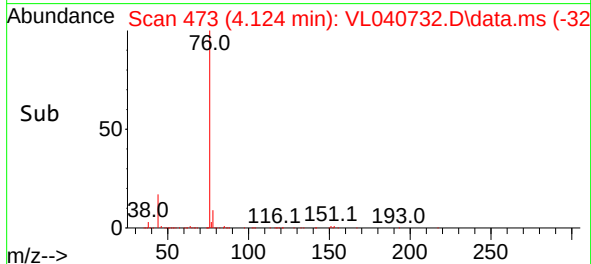
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1892959
Ion Ratio Lower Upper
76 100
44 17.6 14.5 21.7
78 9.1 7.7 11.5

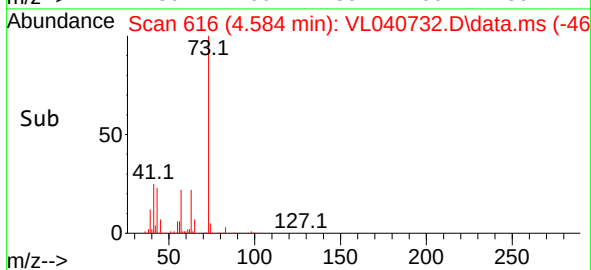
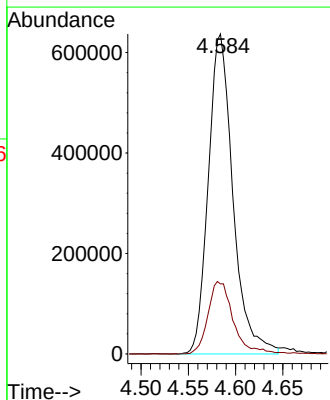
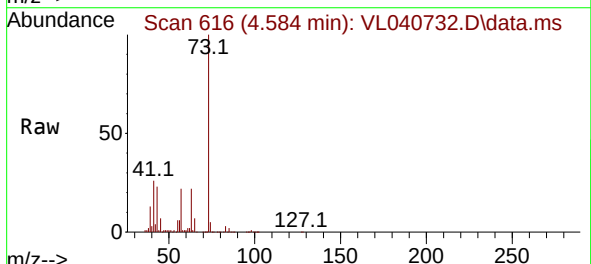
Manual Integrations
APPROVED

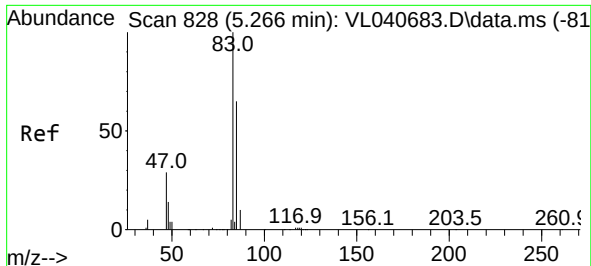
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#28
Methyl tert-Butyl Ether
Concen: 10.941 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.006 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Tgt Ion: 73 Resp: 1153653
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2





#29

Chloroform

Concen: 9.580 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040732.D

Acq: 28 Sep 2023 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 202724

Ion Ratio Lower Upper

83 100

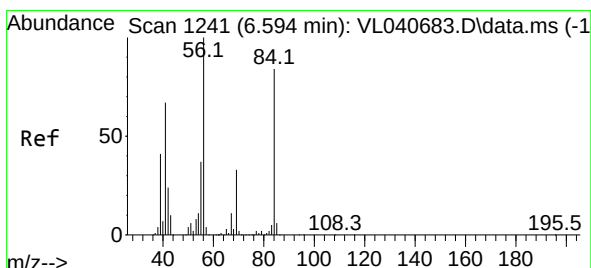
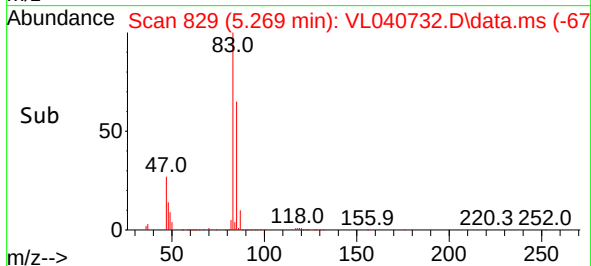
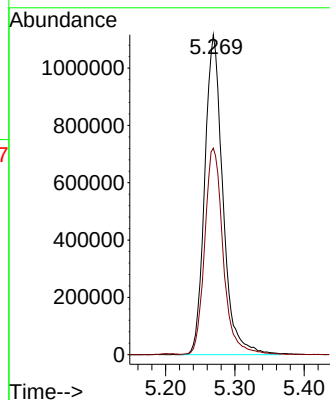
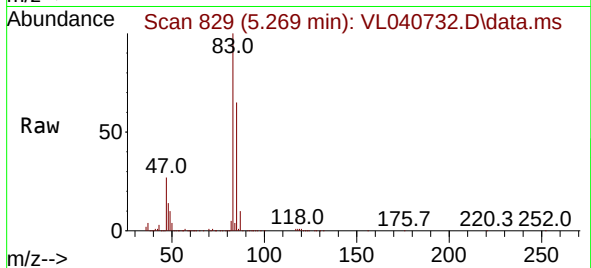
85 64.5 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#30

Cyclohexane

Concen: 11.947 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.019 min

Lab File: VL040732.D

Acq: 28 Sep 2023 8:13

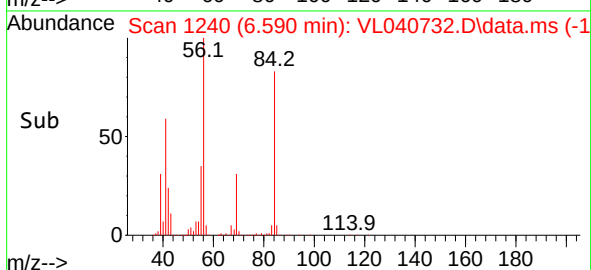
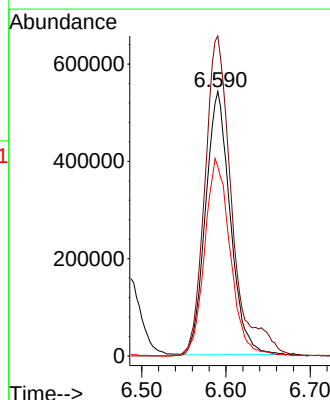
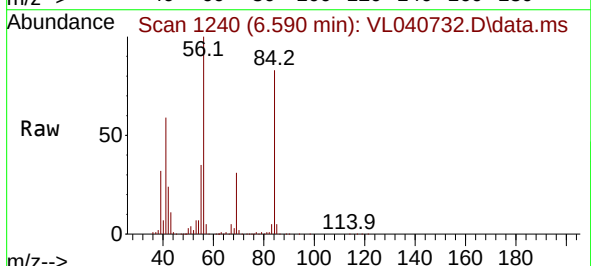
Tgt Ion: 84 Resp: 1102619

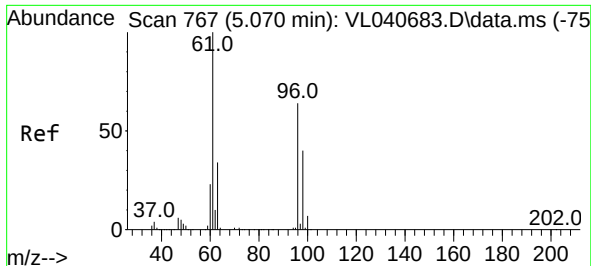
Ion Ratio Lower Upper

84 100

56 133.2 103.2 154.8

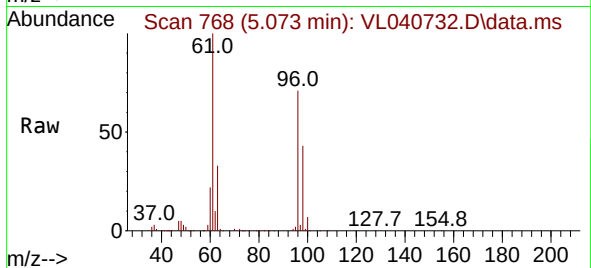
41 77.5 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 11.528 ppbv
 RT: 5.073 min Scan# 767
 Delta R.T. -0.013 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

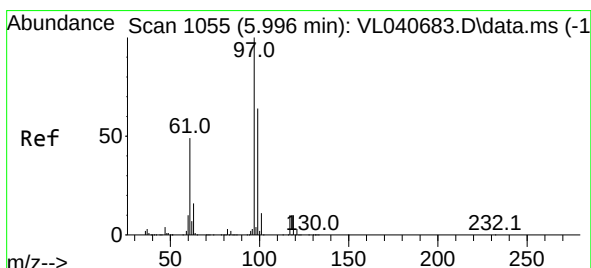
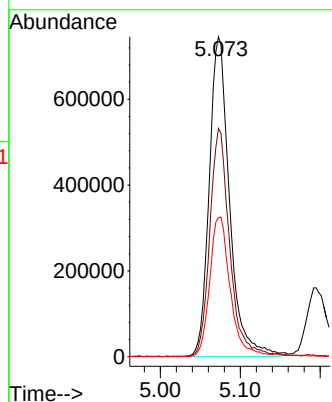
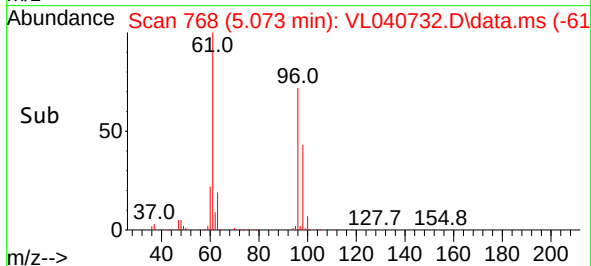


Tgt Ion: 61 Resp: 131081

Ion	Ratio	Lower	Upper
61	100		
96	71.3	51.2	76.8
98	43.5	32.3	48.5

Manual Integrations
 APPROVED

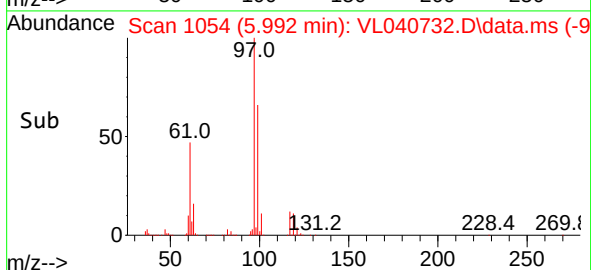
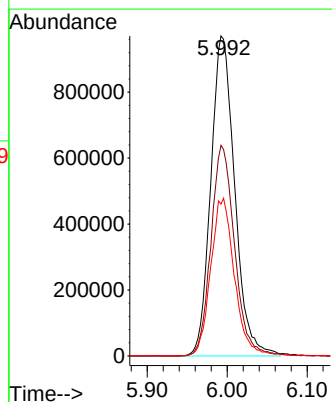
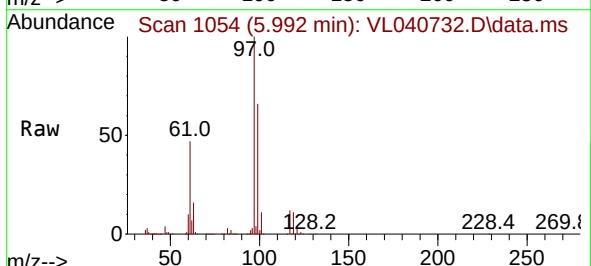
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

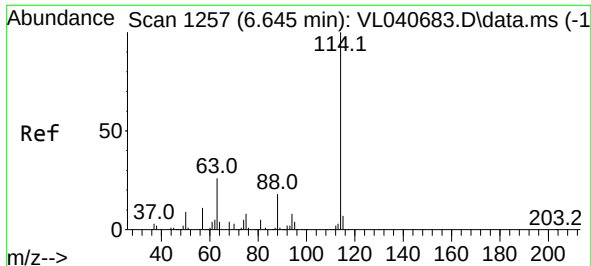


#32
 1,1,1-Trichloroethane
 Concen: 9.305 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.019 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

Tgt Ion: 97 Resp: 2012917

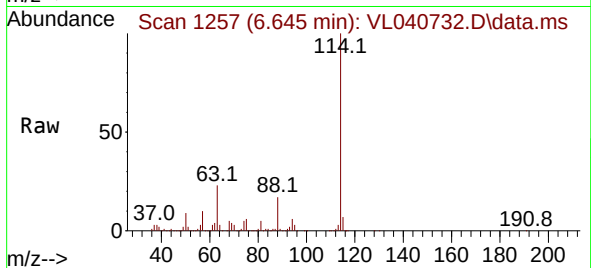
Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.4	78.6
61	49.1	40.2	60.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

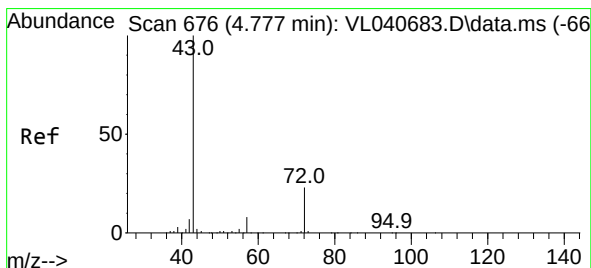
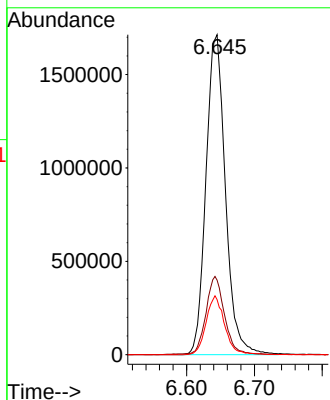
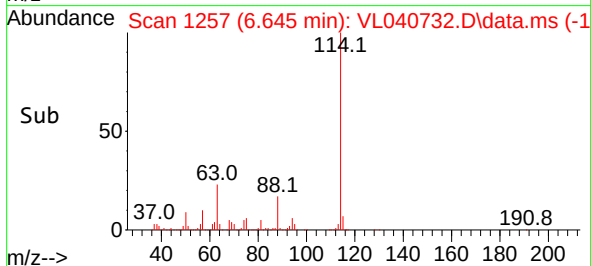
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 114 Resp: 341427
Ion Ratio Lower Upper
114 100
63 23.6 21.1 31.7
88 17.5 14.5 21.7

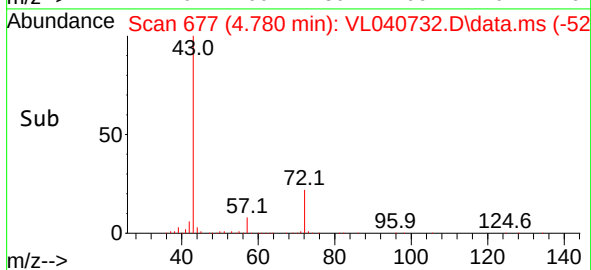
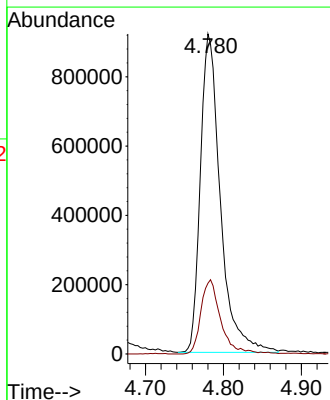
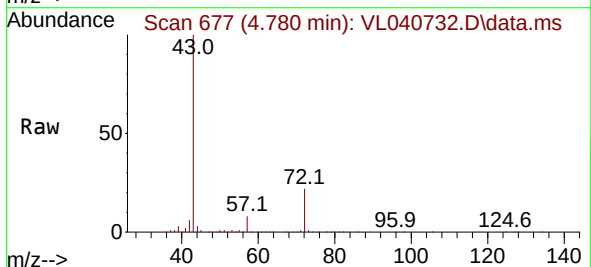
Manual Integrations
APPROVED

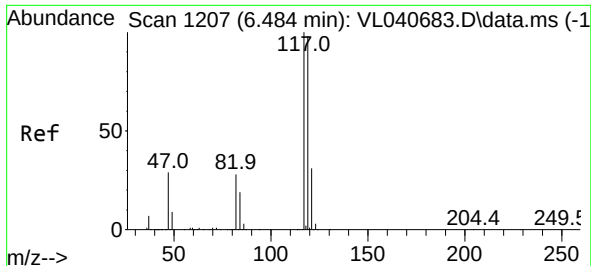
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#34
2-Butanone
Concen: 9.525 ppbv
RT: 4.780 min Scan# 677
Delta R.T. -0.010 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

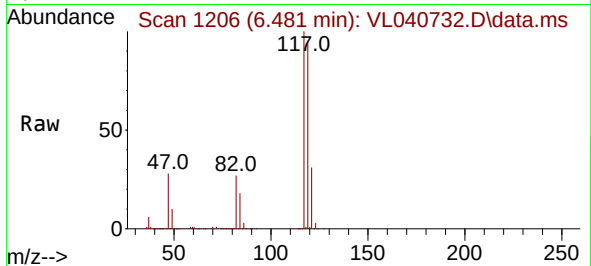
Tgt Ion: 43 Resp: 1635563
Ion Ratio Lower Upper
43 100
72 23.5 18.6 27.8





#35
Carbon Tetrachloride
Concen: 8.895 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.023 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

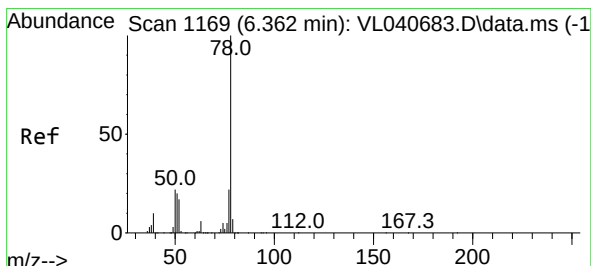
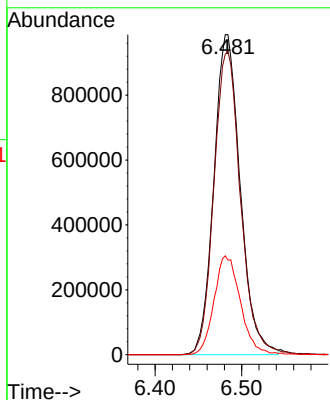
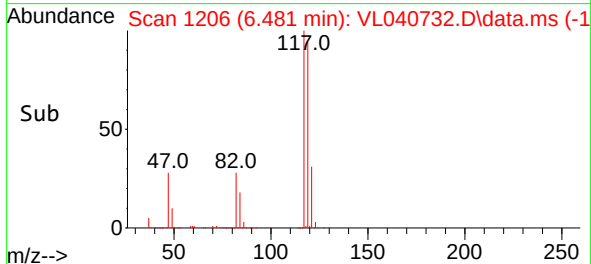
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 208545
Ion Ratio Lower Upper
117 100
119 93.8 78.6 117.8
121 30.9 24.7 37.1

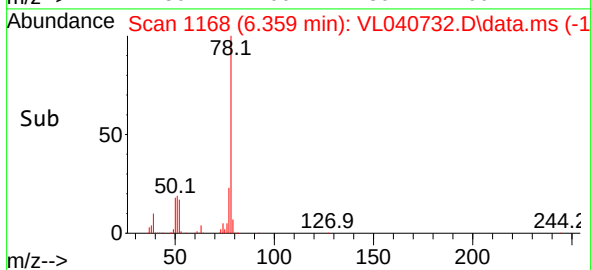
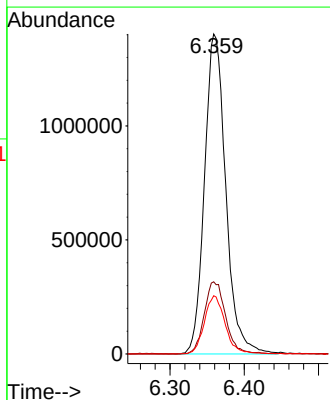
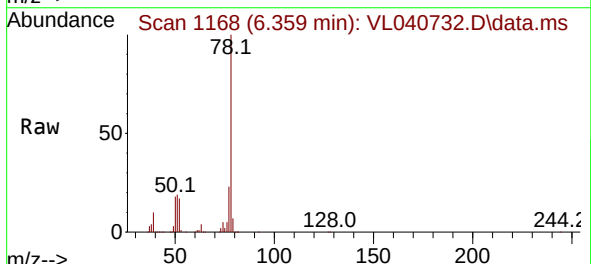
Manual Integrations
APPROVED

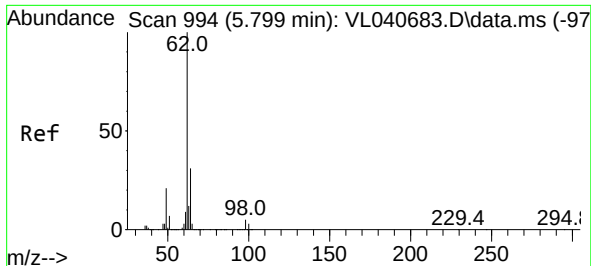
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#36
Benzene
Concen: 11.034 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.023 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

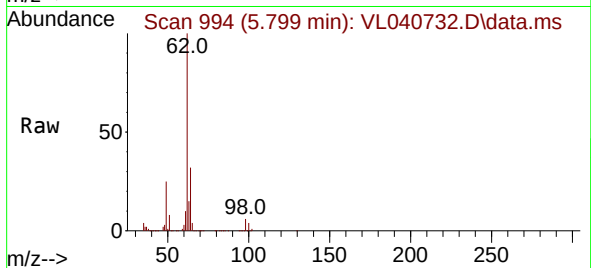
Tgt Ion: 78 Resp: 2789874
Ion Ratio Lower Upper
78 100
77 22.5 17.9 26.9
50 18.2 17.3 25.9





#37
1,2-Dichloroethane
Concen: 8.730 ppbv
RT: 5.799 min Scan# 994
Delta R.T. -0.016 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

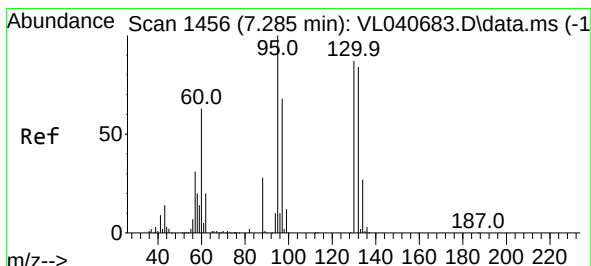
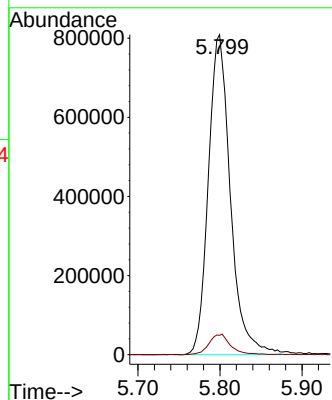
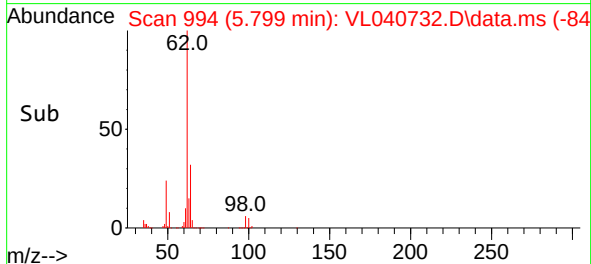
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1510608
Ion Ratio Lower Upper
62 100
98 6.4 4.2 6.4

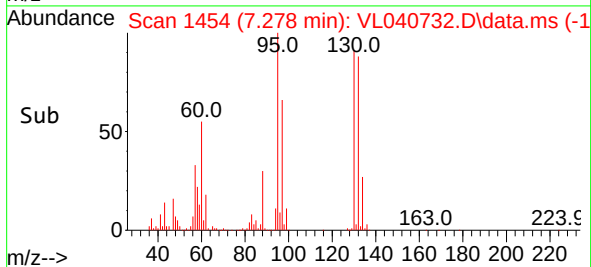
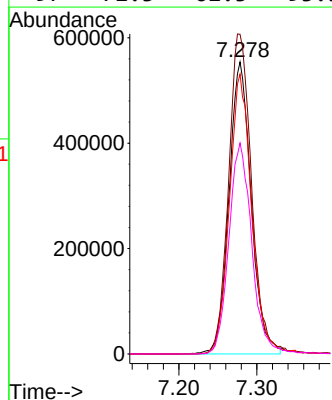
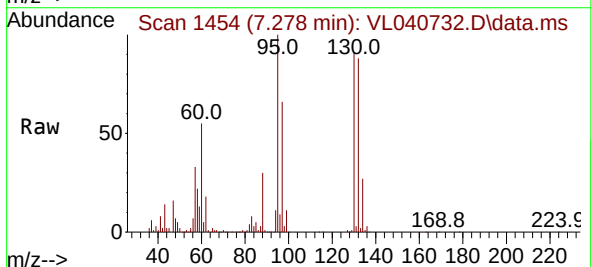
Manual Integrations
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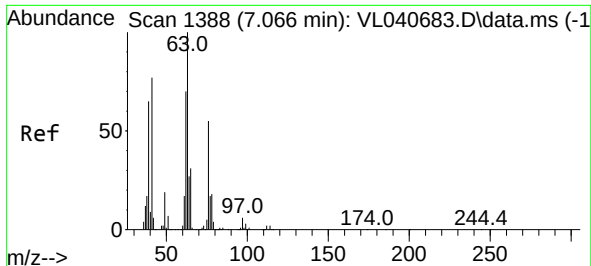
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#38
Trichloroethene
Concen: 11.382 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.023 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Tgt Ion:130 Resp: 1097447
Ion Ratio Lower Upper
130 100
95 109.6 91.9 137.9
132 96.0 77.3 115.9
97 72.3 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.654 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040732.D

Acq: 28 Sep 2023 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 103684

Ion Ratio Lower Upper

63 100

41 69.1 61.6 92.4

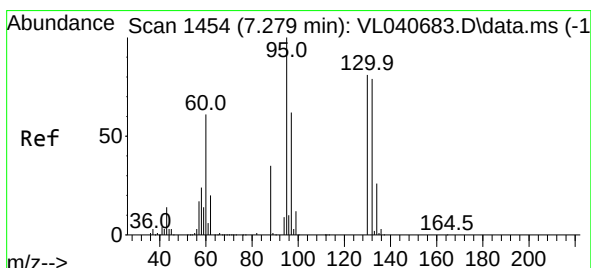
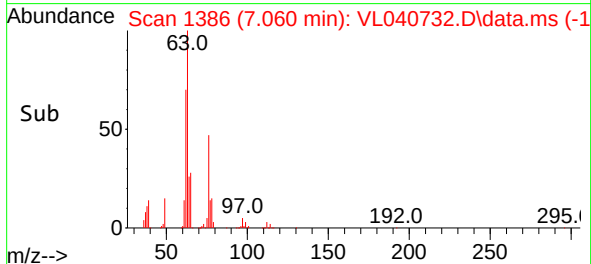
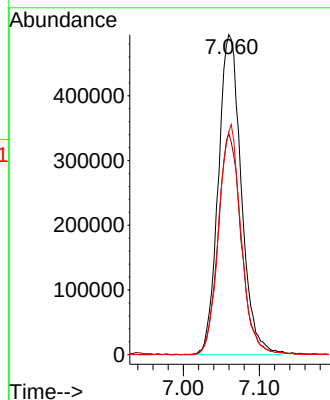
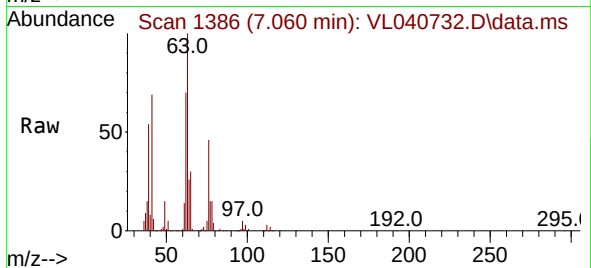
62 69.6 55.8 83.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#40

1,4-Dioxane

Concen: 12.322 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.023 min

Lab File: VL040732.D

Acq: 28 Sep 2023 8:13

Tgt Ion: 88 Resp: 453336

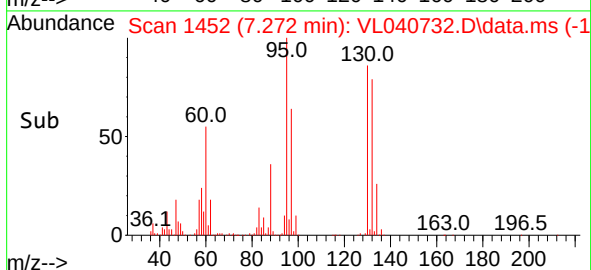
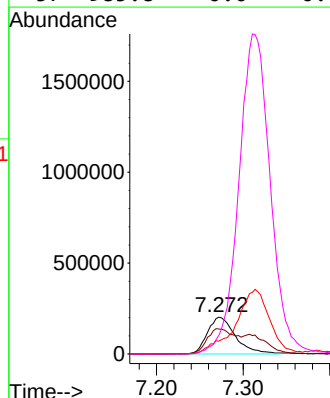
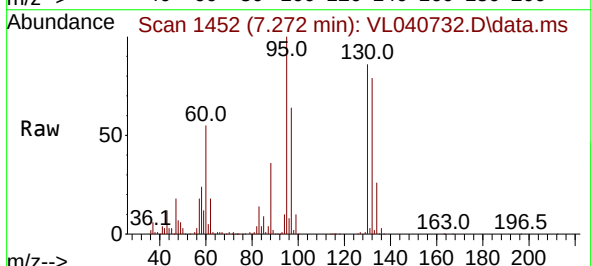
Ion Ratio Lower Upper

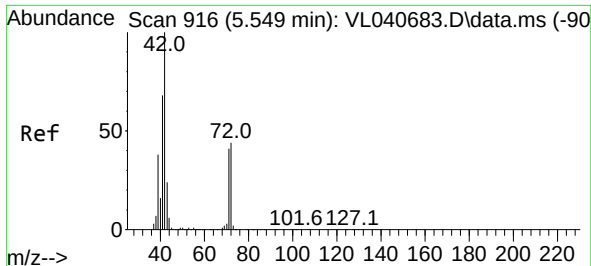
88 100

58 115.3 92.7 139.1

43 216.3 0.0 0.0#

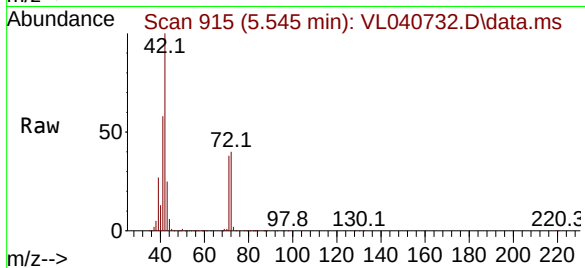
57 985.8 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.796 ppbv
RT: 5.545 min Scan# 916
Delta R.T. -0.016 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

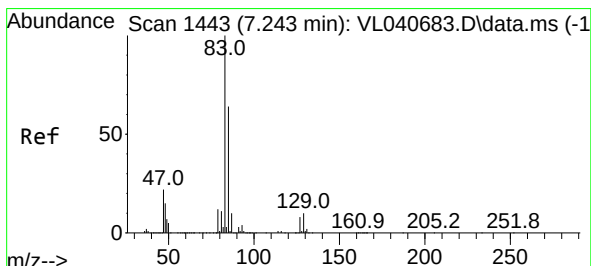
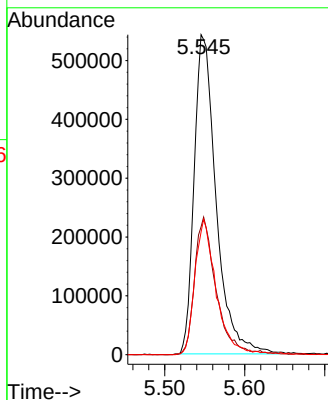
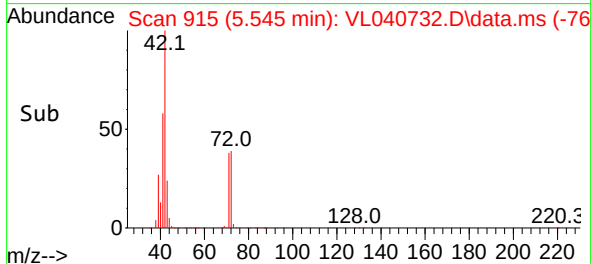
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



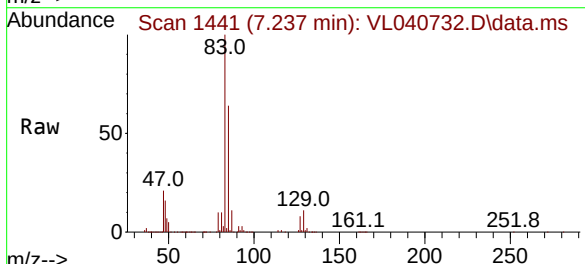
Tgt Ion: 42 Resp: 1038584
Ion Ratio Lower Upper
42 100
72 42.8 34.9 52.3
71 41.7 33.8 50.8

Manual Integrations
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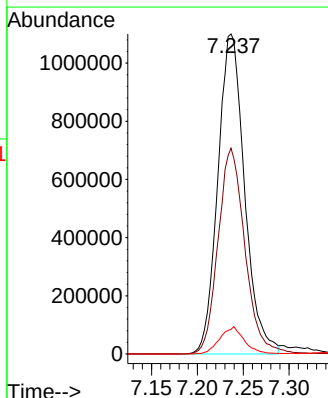
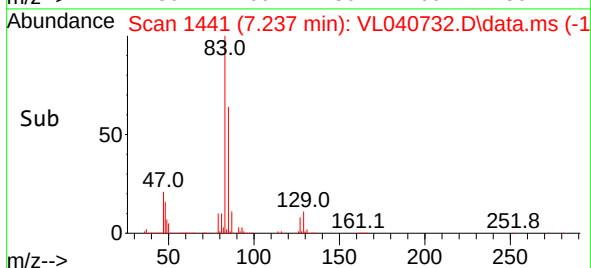
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

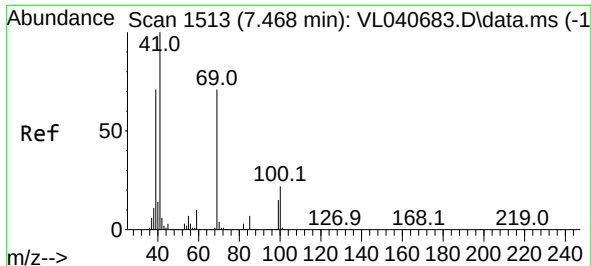


#42
Bromodichloromethane
Concen: 9.450 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.023 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



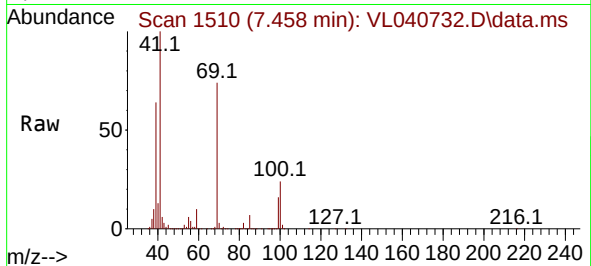
Tgt Ion: 83 Resp: 2231214
Ion Ratio Lower Upper
83 100
85 64.3 51.2 76.8
127 7.7 6.2 9.4





#43
Methyl Methacrylate
Concen: 12.075 ppbv
RT: 7.458 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

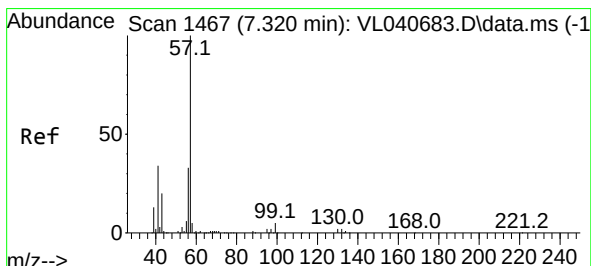
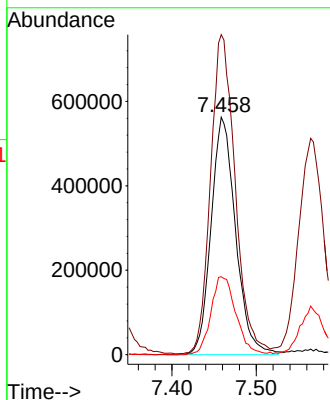
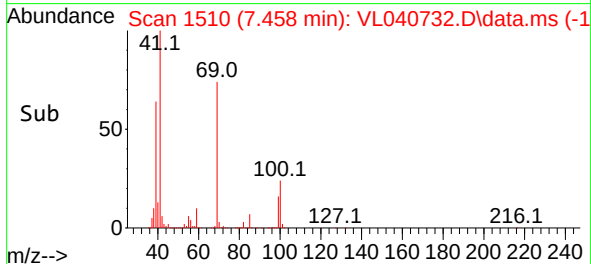
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 1134785
Ion Ratio Lower Upper
69 100
41 136.1 113.8 170.8
100 33.5 25.4 38.0

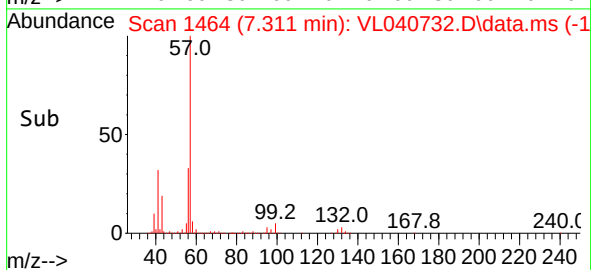
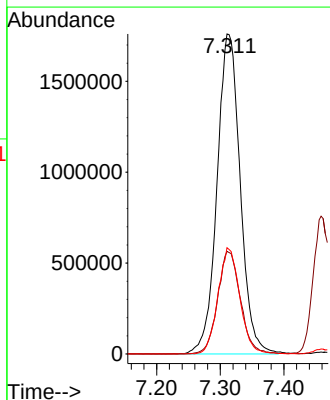
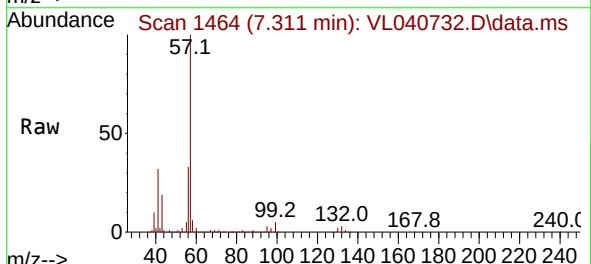
Manual Integrations
APPROVED

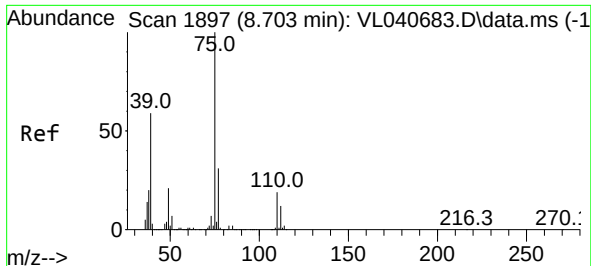
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#44
2,2,4-Trimethylpentane
Concen: 11.076 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.026 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

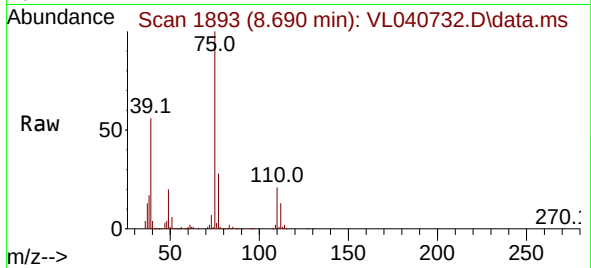
Tgt Ion: 57 Resp: 4458876
Ion Ratio Lower Upper
57 100
41 31.5 28.5 42.7
56 31.2 25.4 38.2





#45
t-1,3-Dichloropropene
Concen: 13.902 ppbv
RT: 8.690 min Scan# 1718
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

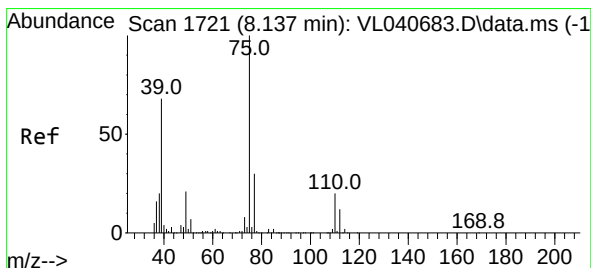
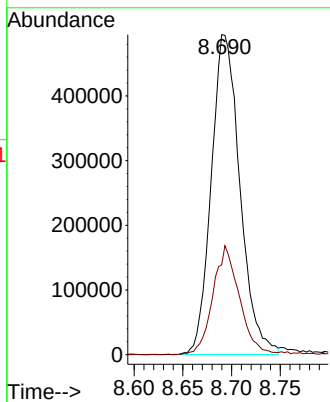
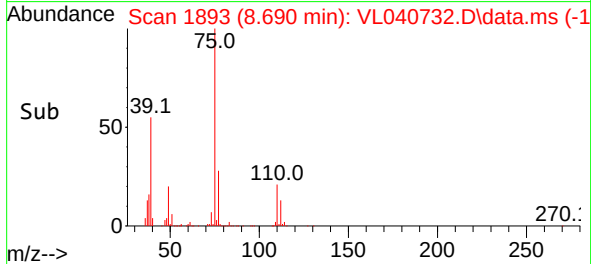
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 1013072
Ion Ratio Lower Upper
75 100
77 28.1 24.5 36.7

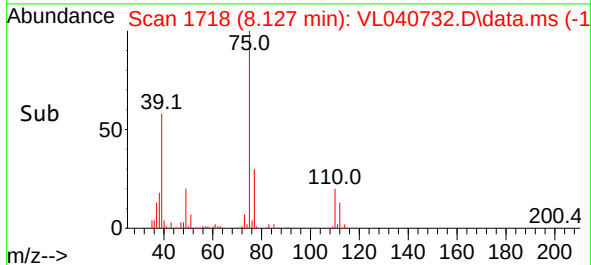
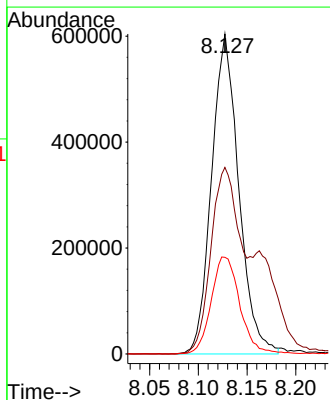
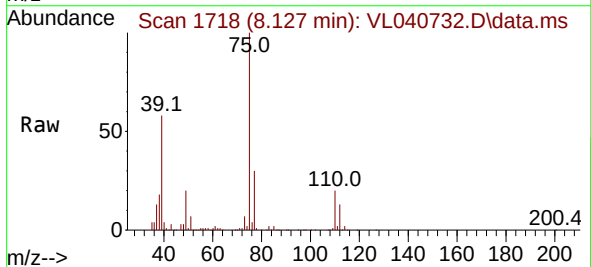
Manual Integrations
APPROVED

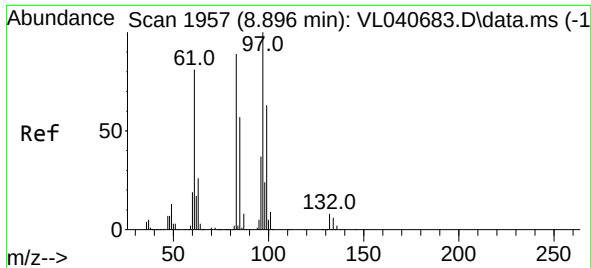
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#46
cis-1,3-Dichloropropene
Concen: 13.135 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. -0.023 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

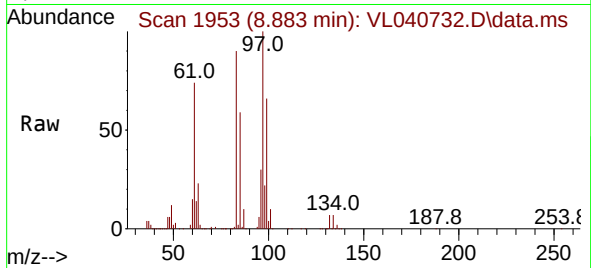
Tgt Ion: 75 Resp: 1171072
Ion Ratio Lower Upper
75 100
39 58.1 54.0 81.0
77 30.1 23.6 35.4





#47
1,1,2-Trichloroethane
Concen: 10.259 ppbv
RT: 8.883 min Scan# 1953
Delta R.T. -0.026 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

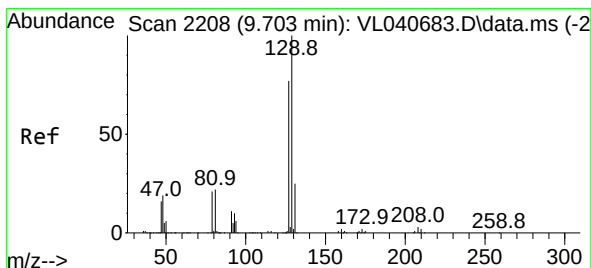
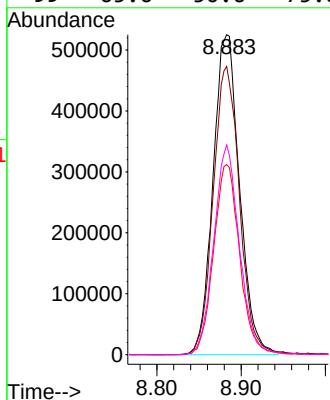
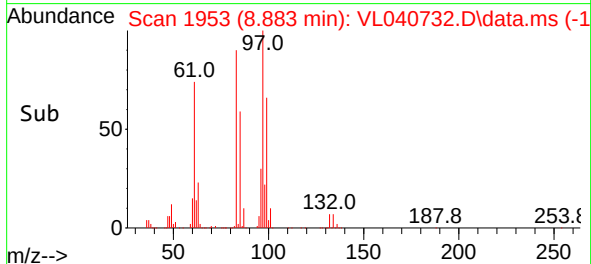
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 1145790
Ion Ratio Lower Upper
97 100
83 90.0 70.8 106.2
85 59.4 45.7 68.5
99 65.6 50.6 75.8

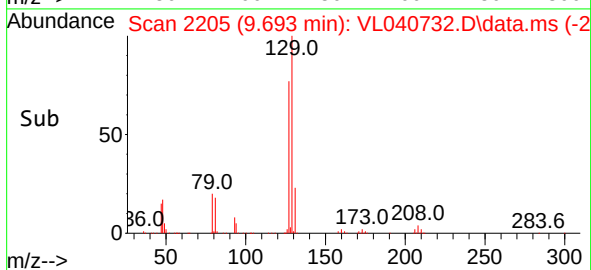
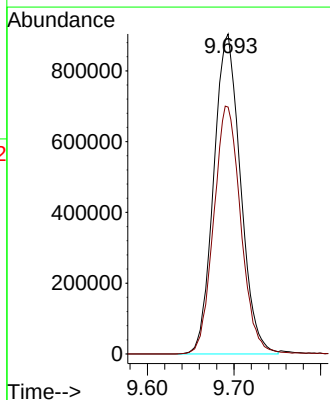
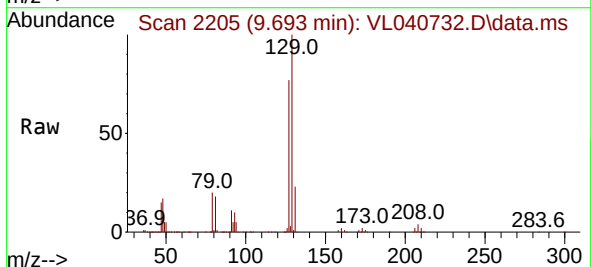
Manual Integrations
APPROVED

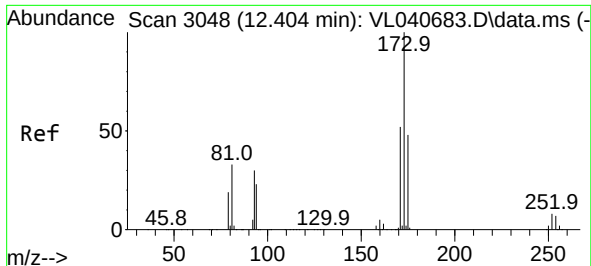
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#48
Dibromochloromethane
Concen: 10.541 ppbv
RT: 9.693 min Scan# 2205
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

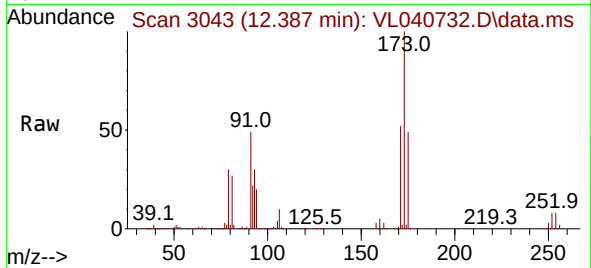
Tgt Ion:129 Resp: 1942126
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.2





#49
Bromoform
Concen: 10.762 ppbv
RT: 12.387 min Scan# 3048
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

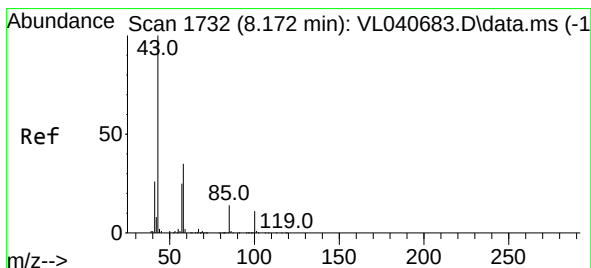
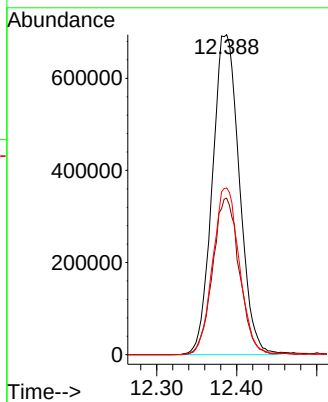
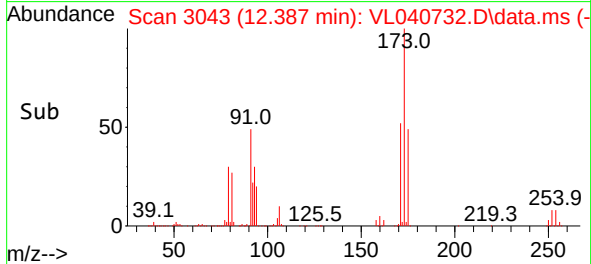
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 1628384
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
171 51.8 42.2 63.2

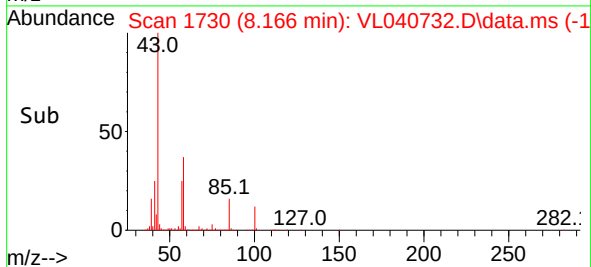
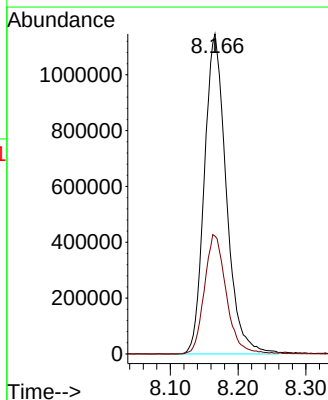
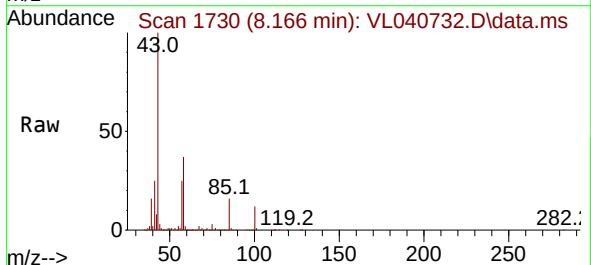
Manual Integrations
APPROVED

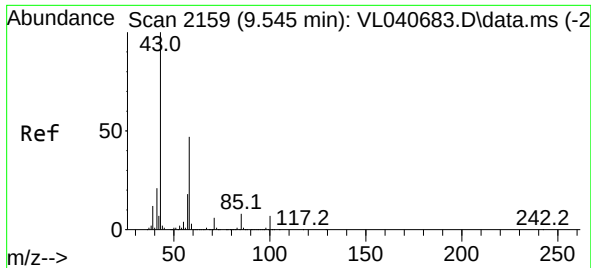
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#50
4-Methyl-2-Pentanone
Concen: 11.091 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. -0.026 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

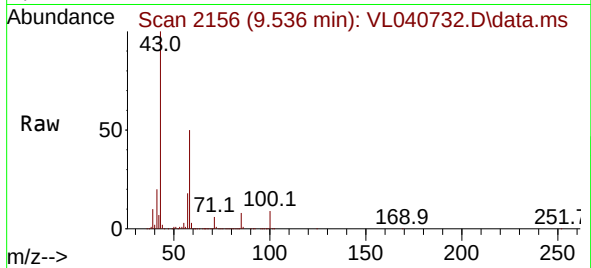
Tgt Ion: 43 Resp: 2573490
Ion Ratio Lower Upper
43 100
58 37.4 28.2 42.4





#51
2-Hexanone
Concen: 11.623 ppbv
RT: 9.536 min Scan# 2159
Delta R.T. -0.019 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

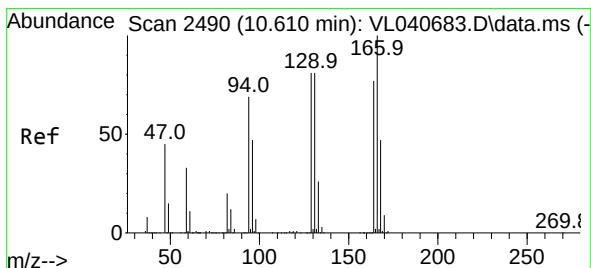
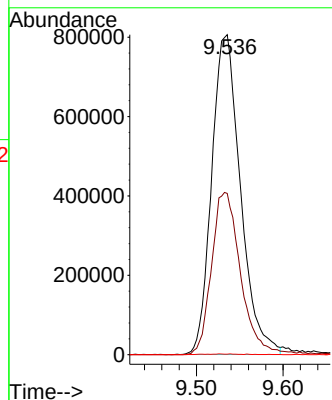
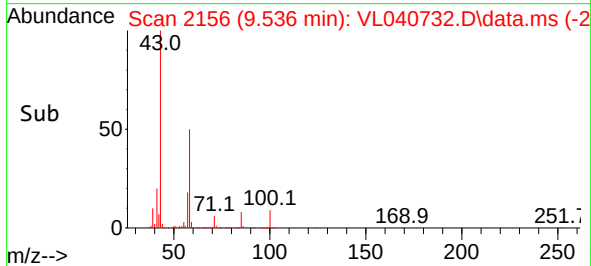
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1861390
Ion Ratio Lower Upper
43 100
58 51.6 37.6 56.4
98 0.3 0.6 1.0

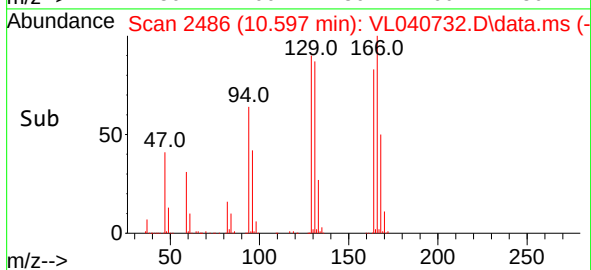
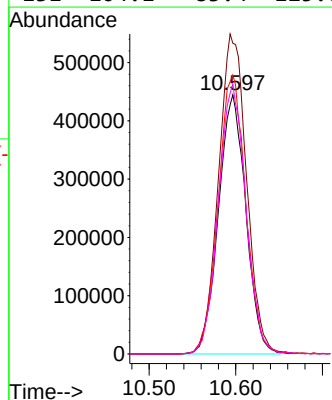
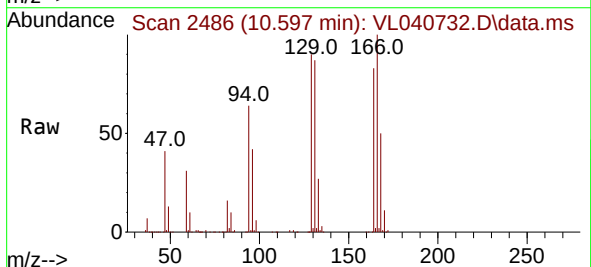
Manual Integrations
APPROVED

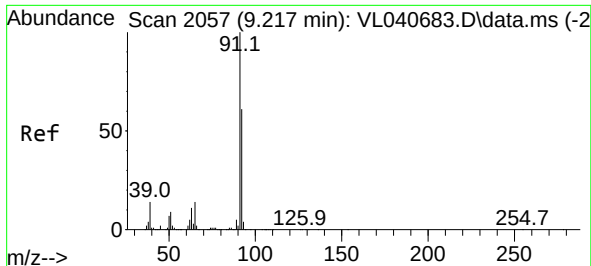
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#52
Tetrachloroethene
Concen: 11.800 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Tgt Ion:164 Resp: 973219
Ion Ratio Lower Upper
164 100
166 119.9 103.4 155.2
129 107.6 83.5 125.3
131 104.1 83.4 125.0





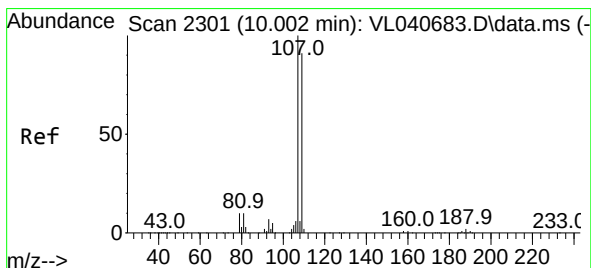
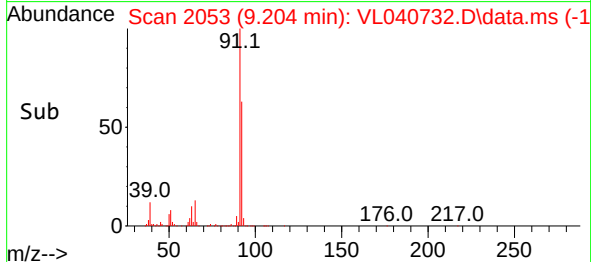
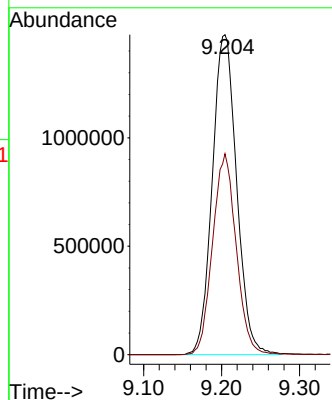
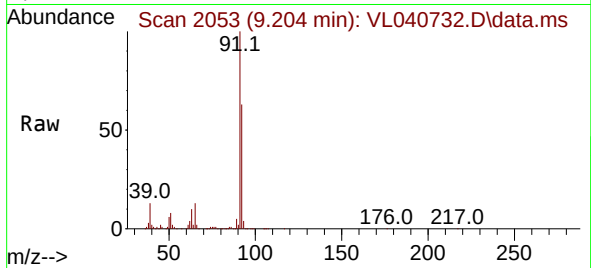
#53
Toluene
Concen: 12.013 ppbv
RT: 9.204 min Scan# 2057
Delta R.T. -0.026 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3206560
Ion Ratio Lower Upper
91 100
92 60.9 48.5 72.7

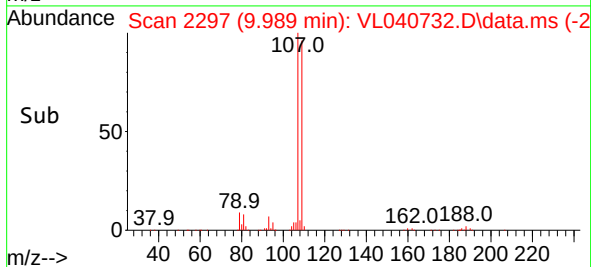
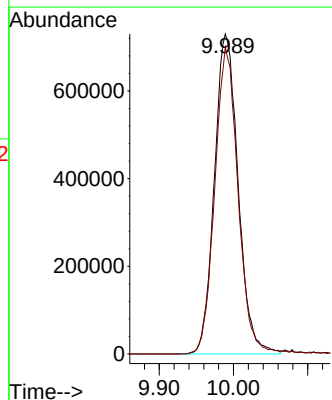
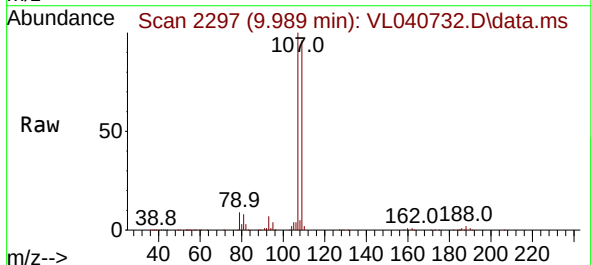
Manual Integrations
APPROVED

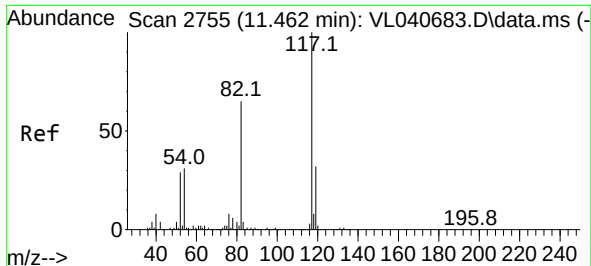
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#54
1,2-Dibromoethane
Concen: 11.371 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

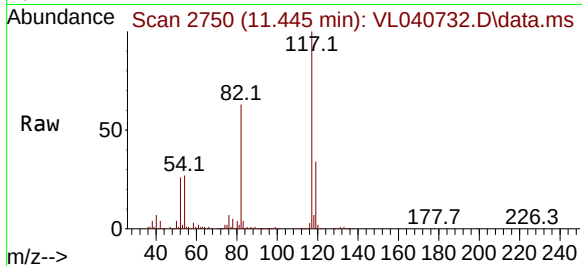
Tgt Ion:107 Resp: 1621002
Ion Ratio Lower Upper
107 100
109 95.8 72.4 108.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.445 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

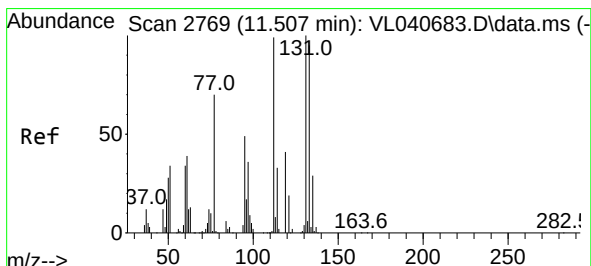
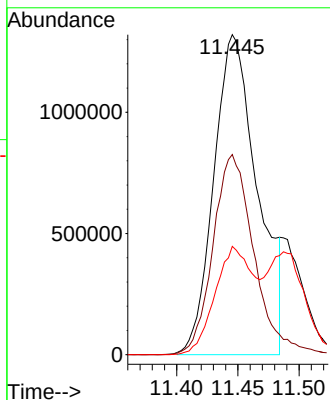
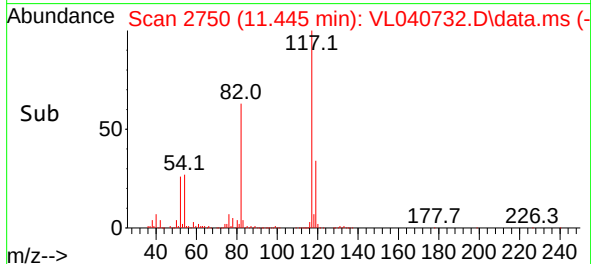
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



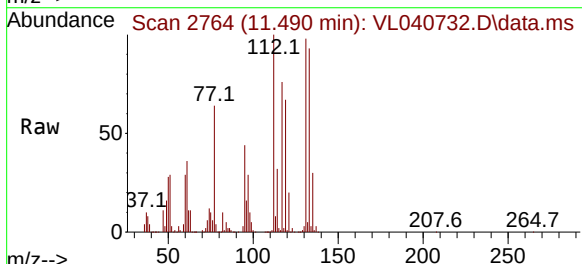
Tgt Ion:117 Resp: 328810
Ion Ratio Lower Upper
117 100
82 58.8 51.4 77.0
119 31.7 24.7 37.1

Manual Integrations
APPROVED

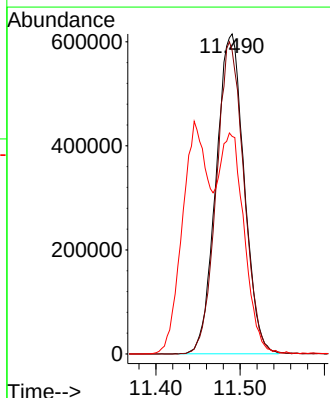
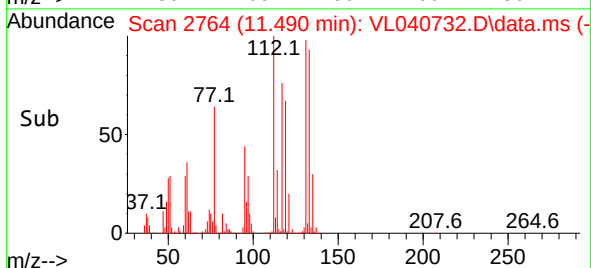
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

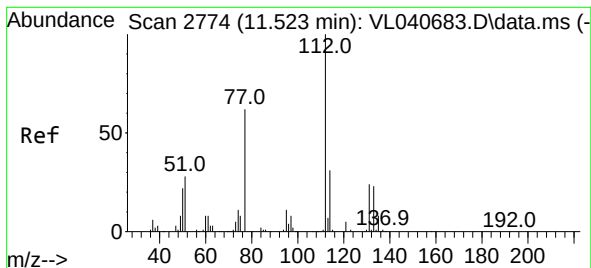


#56
1,1,1,2-Tetrachloroethane
Concen: 9.068 ppbv
RT: 11.490 min Scan# 2764
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



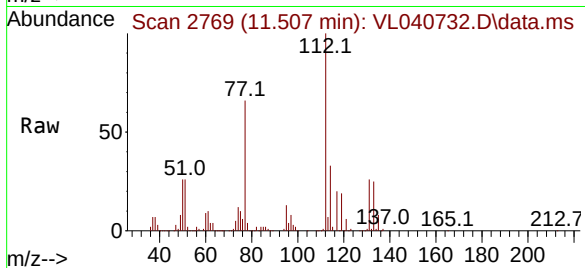
Tgt Ion:131 Resp: 1421262
Ion Ratio Lower Upper
131 100
133 95.8 76.2 114.2
119 60.4 45.5 68.3





#57
Chlorobenzene
Concen: 9.865 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

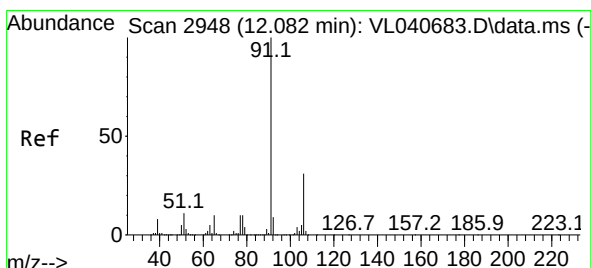
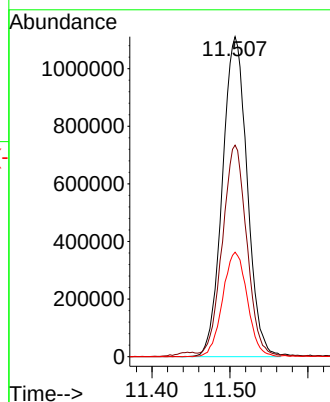
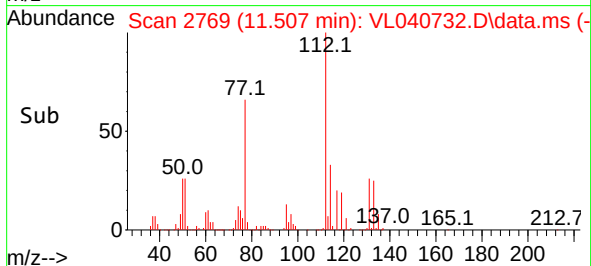
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 112 Resp: 245636
Ion Ratio Lower Upper
112 100
77 65.6 50.8 76.2
114 32.6 28.2 34.4

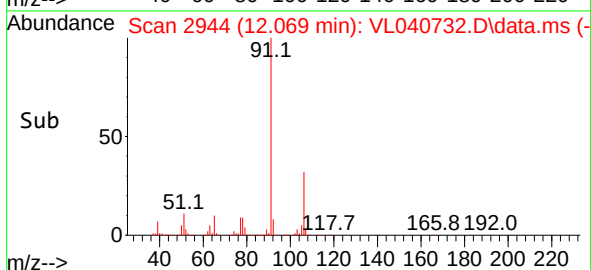
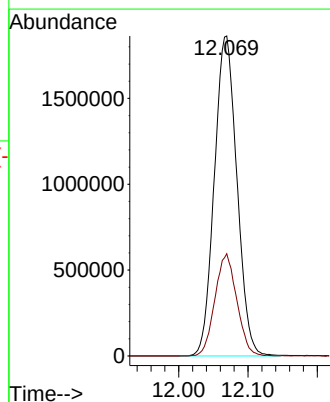
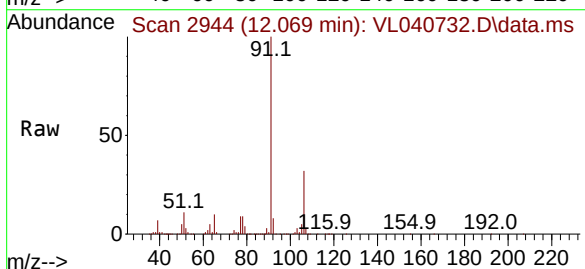
Manual Integrations
APPROVED

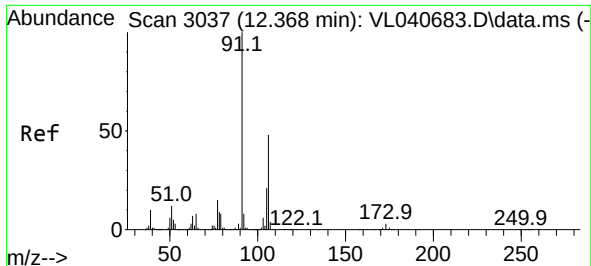
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#58
Ethyl Benzene
Concen: 11.269 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Tgt Ion: 91 Resp: 4224369
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1





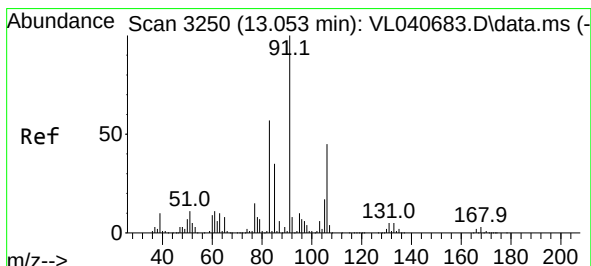
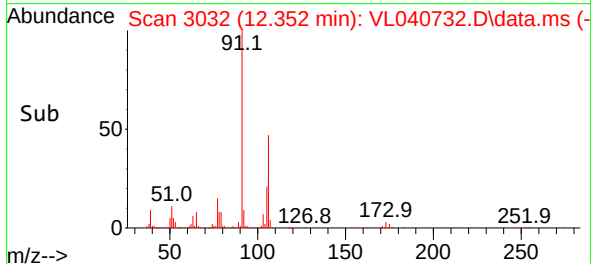
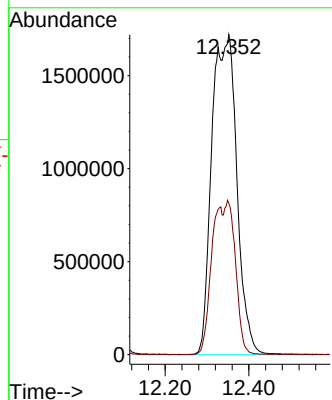
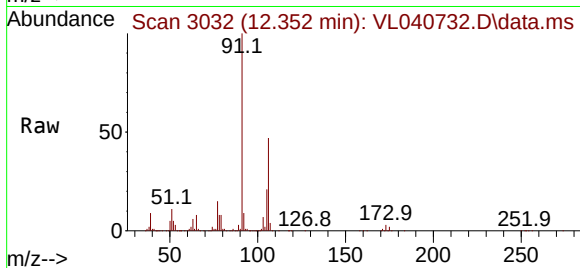
#59
m/p-Xylene
Concen: 20.280 ppbv m
RT: 12.352 min Scan# 3037
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 7138700
Ion Ratio Lower Upper
91 100
106 44.9 34.8 52.2

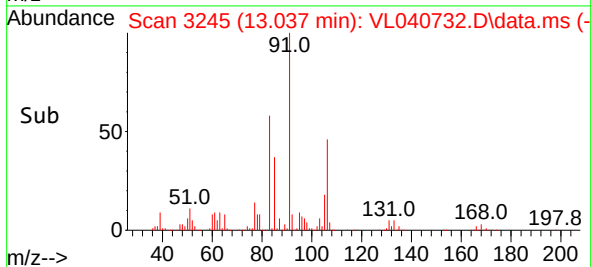
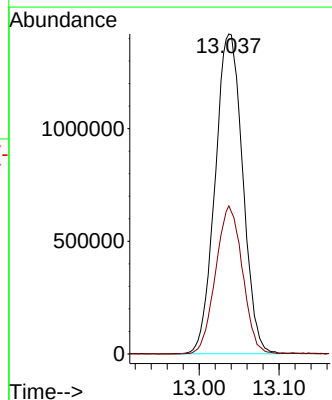
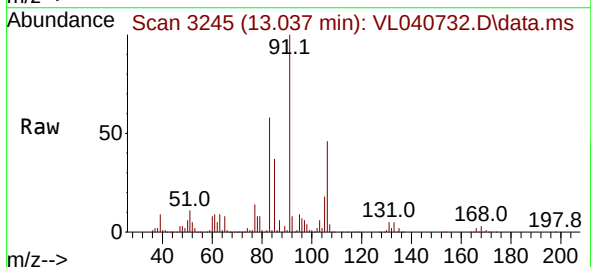
Manual Integrations
APPROVED

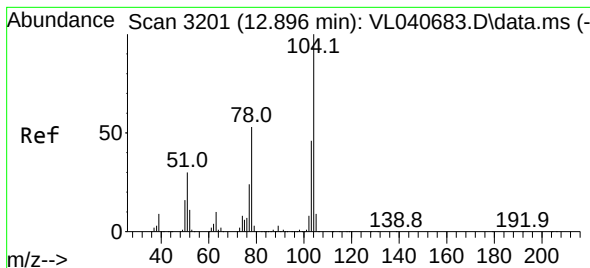
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#60
o-Xylene
Concen: 10.119 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Tgt Ion: 91 Resp: 3397045
Ion Ratio Lower Upper
91 100
106 45.2 22.3 66.9





#61

Styrene

Concen: 12.867 ppbv

RT: 12.876 min Scan# 3195

Delta R.T. -0.029 min

Lab File: VL040732.D

Acq: 28 Sep 2023 8:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

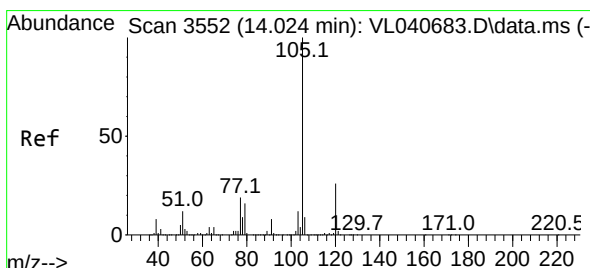
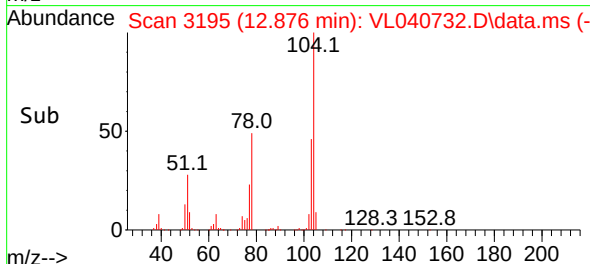
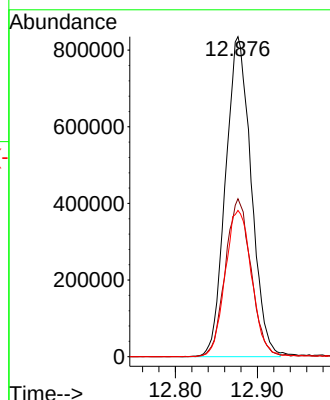
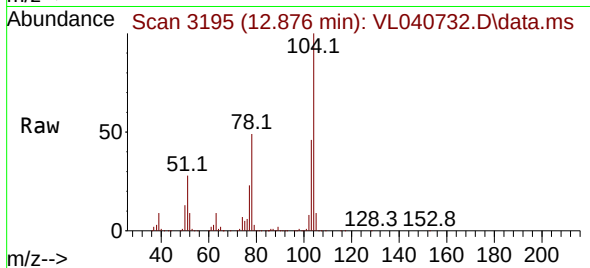
Tgt Ion:104 Resp: 181027

Ion	Ratio	Lower	Upper
104	100		
78	49.8	43.4	65.0
103	47.8	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#62

Isopropylbenzene

Concen: 9.834 ppbv

RT: 14.008 min Scan# 3547

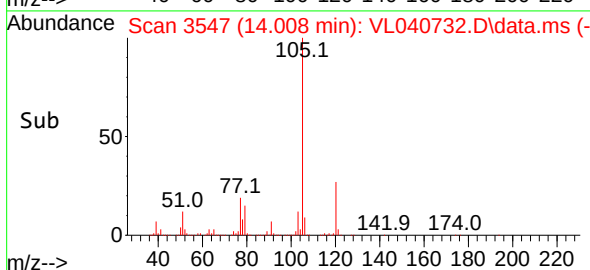
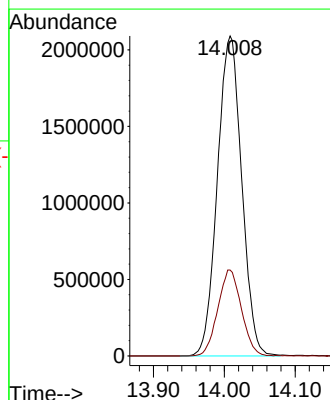
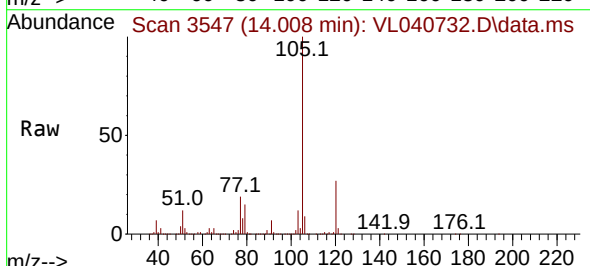
Delta R.T. -0.029 min

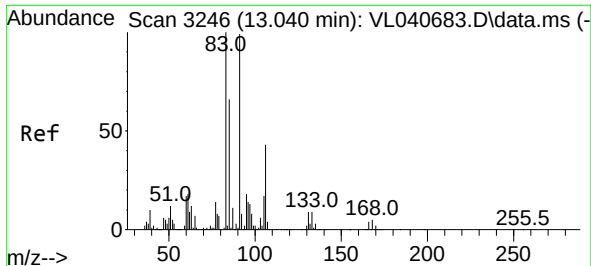
Lab File: VL040732.D

Acq: 28 Sep 2023 8:13

Tgt Ion:105 Resp: 4984347

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.2	30.4





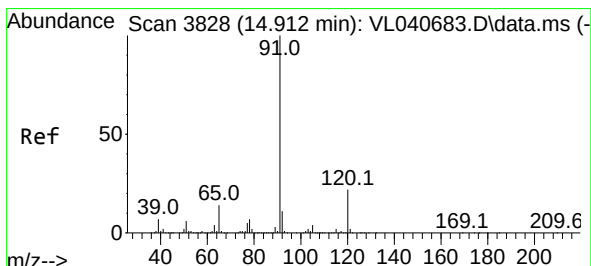
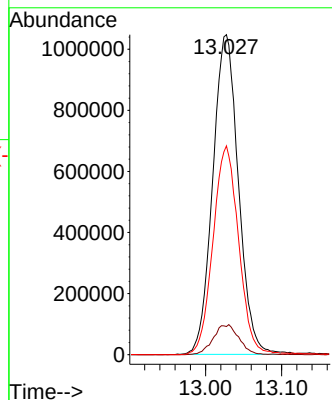
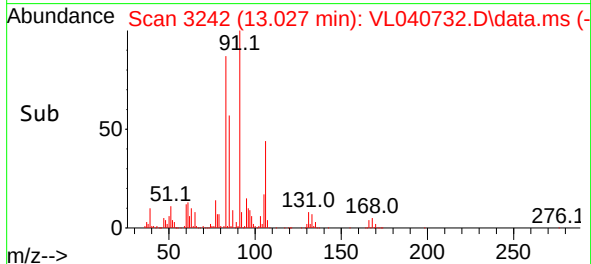
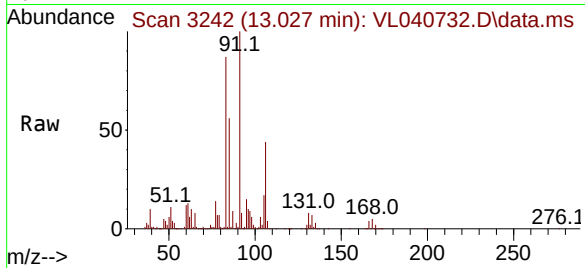
#63
1,1,2,2-Tetrachloroethane
Concen: 9.341 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 245765
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 65.5 33.1 99.3

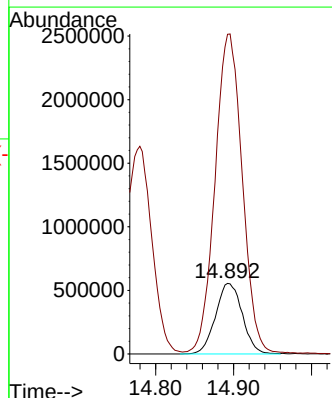
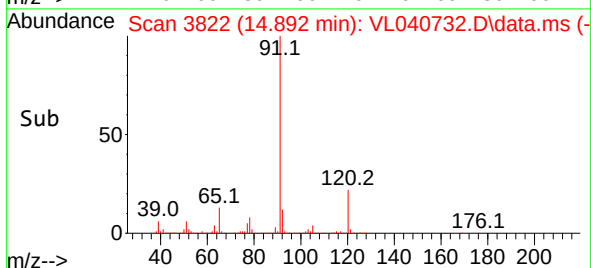
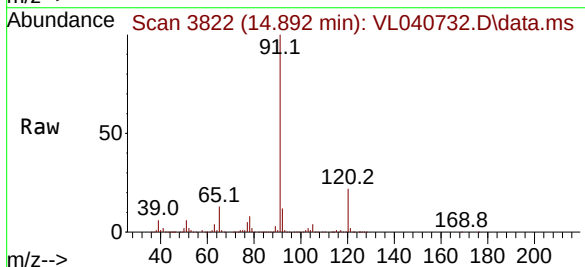
Manual Integrations
APPROVED

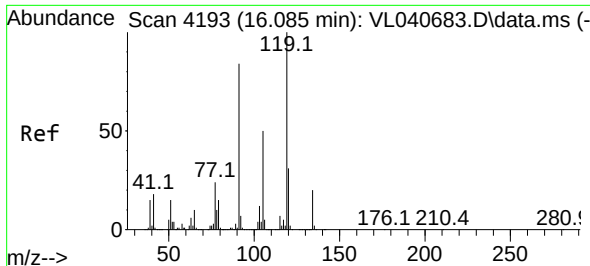
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#64
n-propylbenzene
Concen: 10.432 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

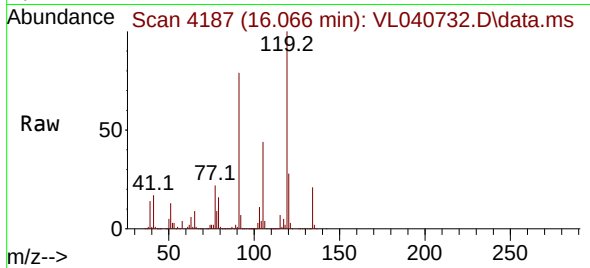
Tgt Ion:120 Resp: 1322113
Ion Ratio Lower Upper
120 100
91 464.3 386.9 580.3





#65
tert-Butylbenzene
Concen: 9.653 ppbv
RT: 16.066 min Scan# 4193
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

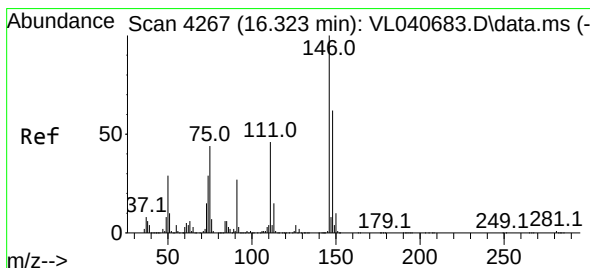
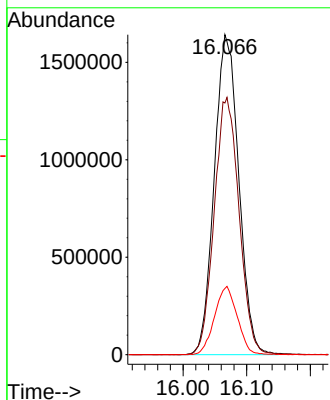
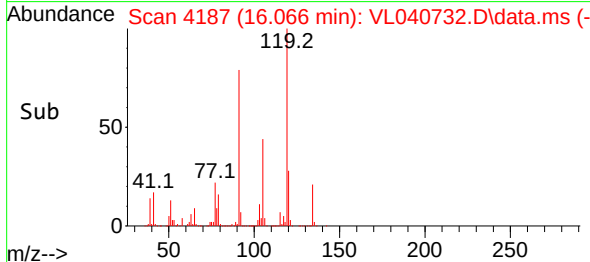
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 119 Resp: 439164
Ion Ratio Lower Upper
119 100
91 81.6 69.8 104.8
134 19.9 15.4 23.2

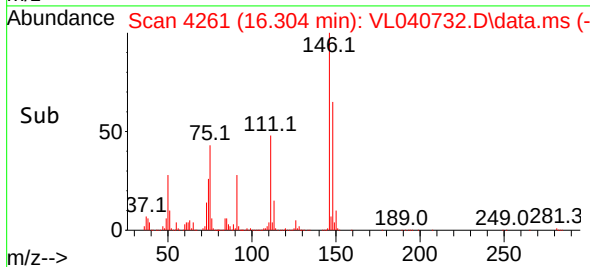
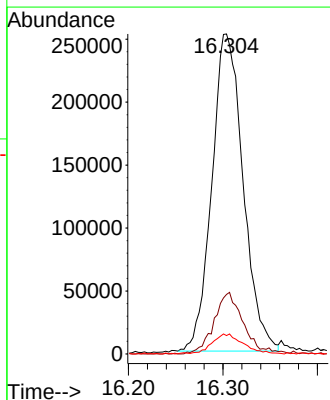
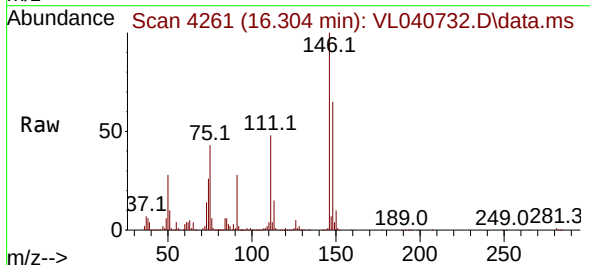
Manual Integrations
APPROVED

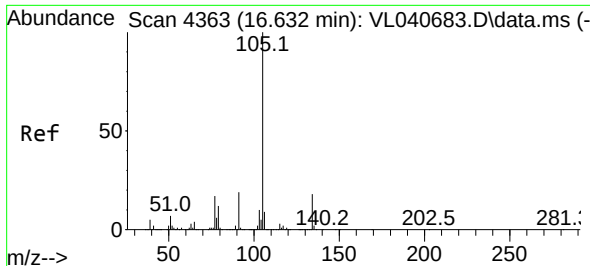
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#66
Benzyl Chloride
Concen: 10.899 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

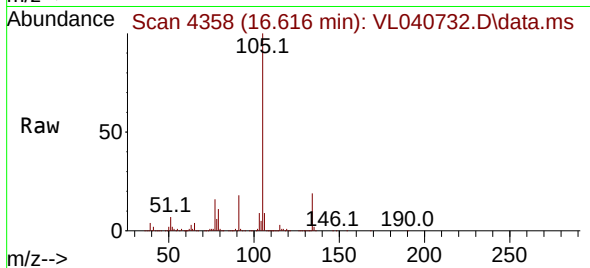
Tgt Ion: 91 Resp: 578662
Ion Ratio Lower Upper
91 100
126 18.5 13.6 20.4
128 6.4 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.369 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13

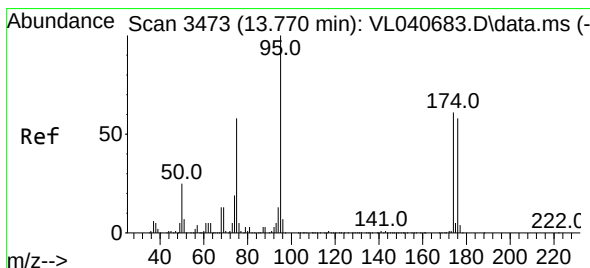
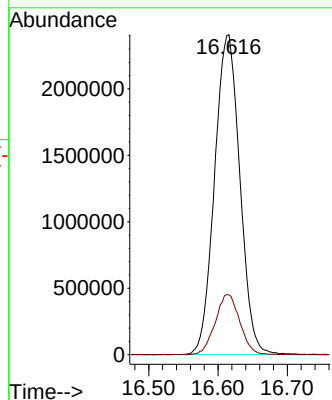
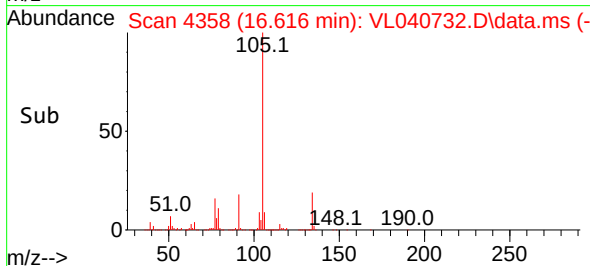
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



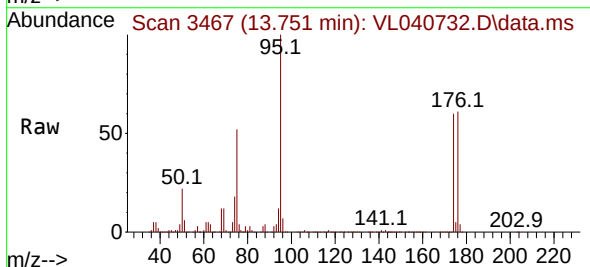
Tgt Ion:105 Resp: 610146
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.1 21.1

Manual Integrations
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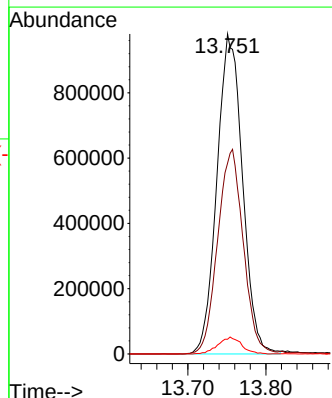
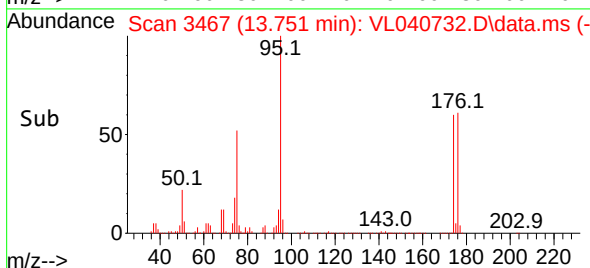
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

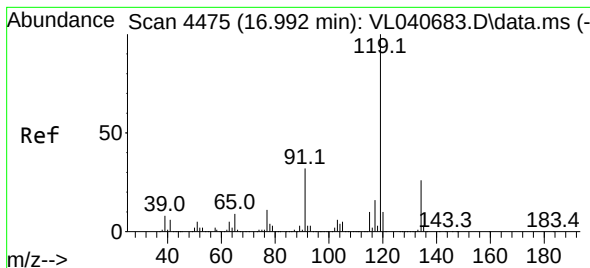


#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.784 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. -0.035 min
 Lab File: VL040732.D
 Acq: 28 Sep 2023 8:13



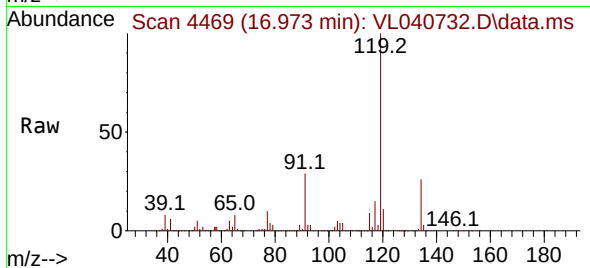
Tgt Ion: 95 Resp: 2231521
 Ion Ratio Lower Upper
 95 100
 174 64.6 48.9 73.3
 175 4.9 3.5 5.3





#69
p-Isopropyltoluene
Concen: 9.880 ppbv
RT: 16.973 min Scan# 4475
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

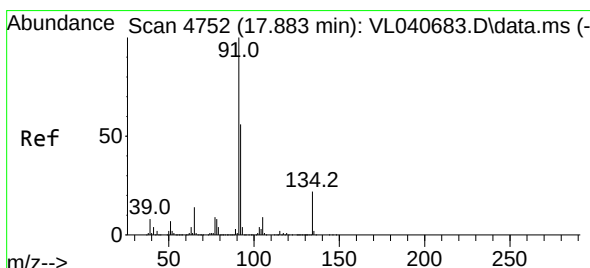
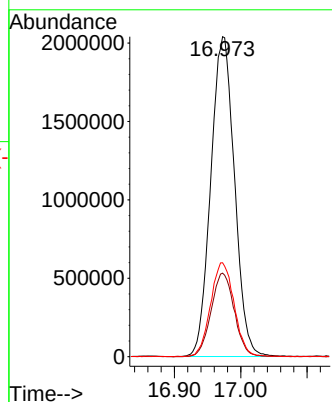
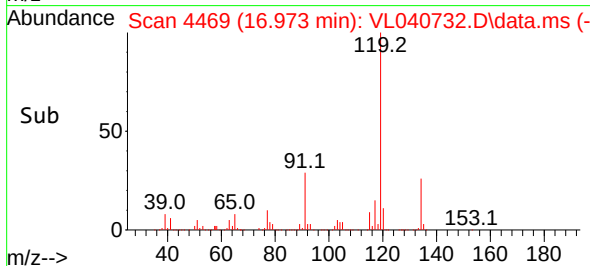
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



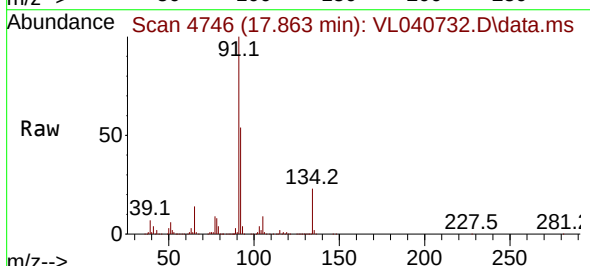
Tgt Ion:119 Resp: 5056920
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.2
91 29.3 25.0 37.6

Manual Integrations
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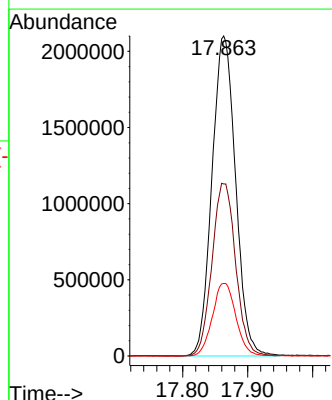
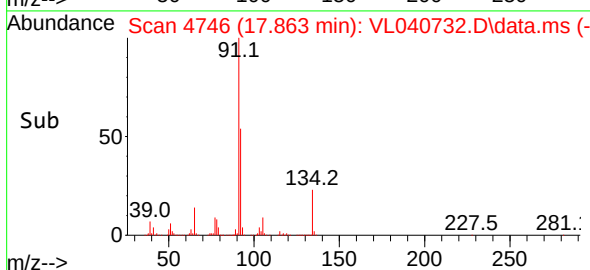
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

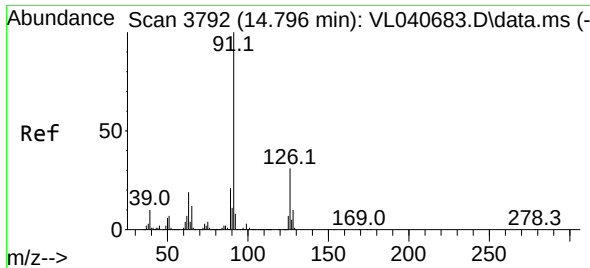


#70
n-Butylbenzene
Concen: 9.408 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



Tgt Ion: 91 Resp: 5300162
Ion Ratio Lower Upper
91 100
92 54.1 42.7 64.1
134 22.7 17.0 25.4





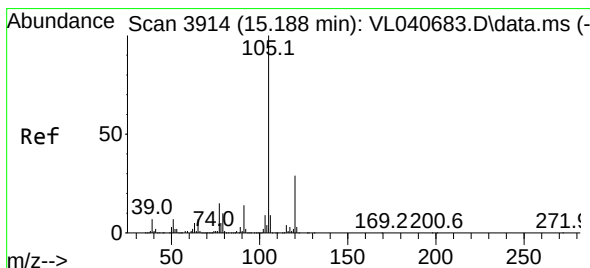
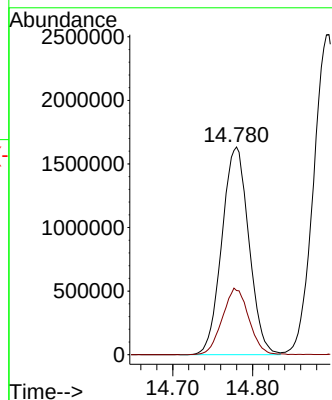
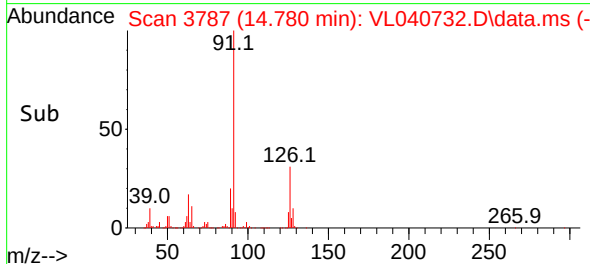
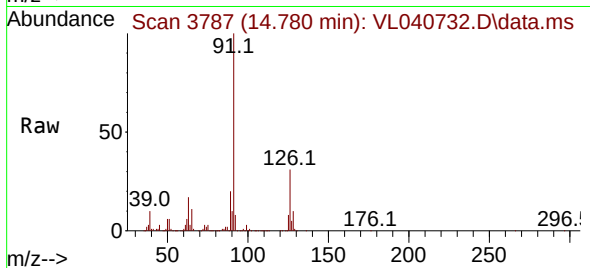
#71
2-Chlorotoluene
Concen: 10.209 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 382861
Ion Ratio Lower Upper
91 100
126 31.5 12.0 47.8

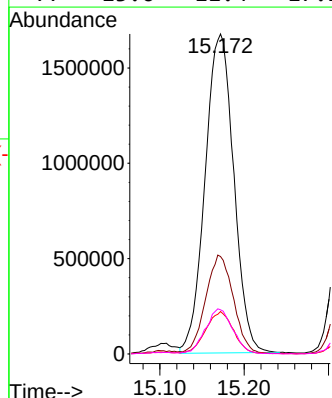
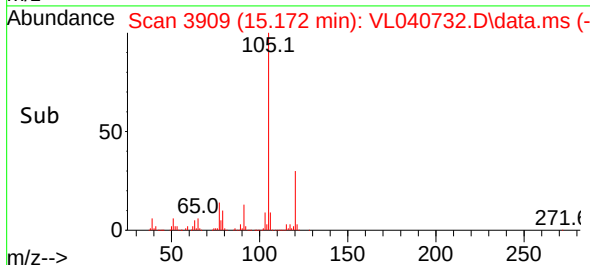
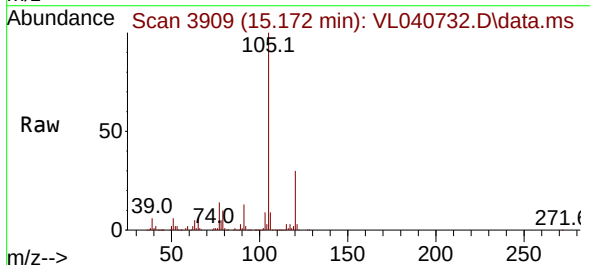
Manual Integrations
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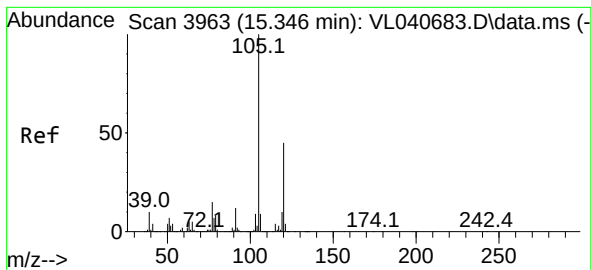
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#72
4-Ethyltoluene
Concen: 10.501 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

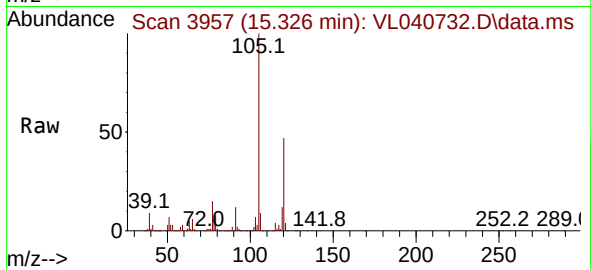
Tgt Ion:105 Resp: 3953210
Ion Ratio Lower Upper
105 100
120 31.2 23.9 35.9
91 13.6 11.0 16.4
77 13.6 11.4 17.2





#73
1,3,5-Trimethylbenzene
Concen: 10.045 ppbv
RT: 15.326 min Scan# 3963
Delta R.T. -0.035 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

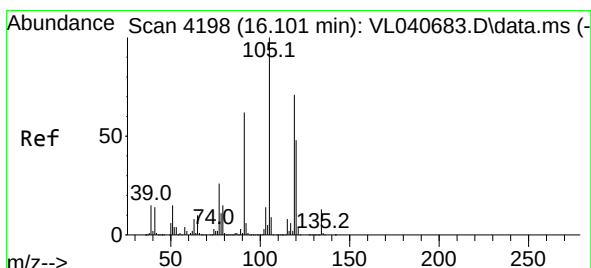
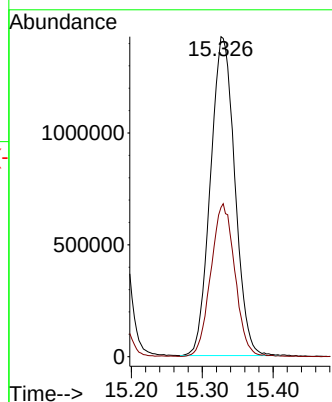
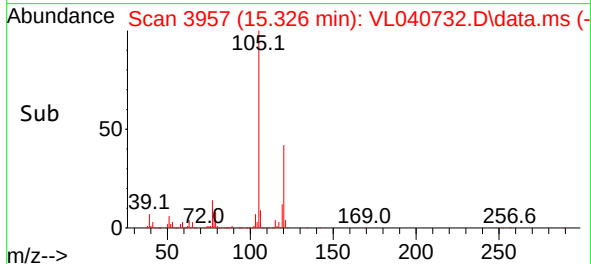
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



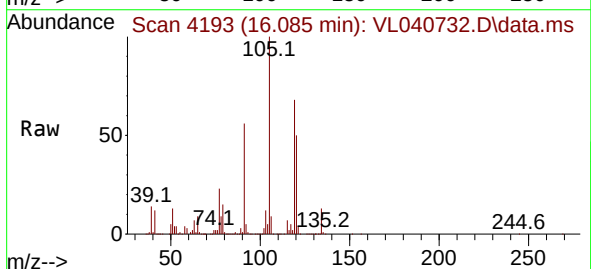
Tgt Ion:105 Resp: 3405108
Ion Ratio Lower Upper
105 100
120 46.7 36.1 54.1

Manual Integrations
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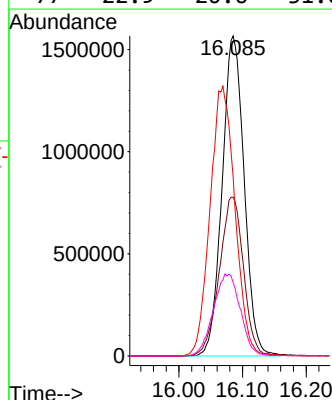
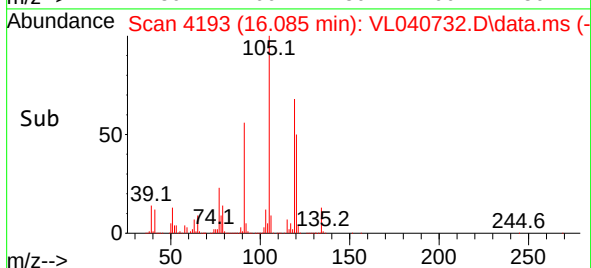
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

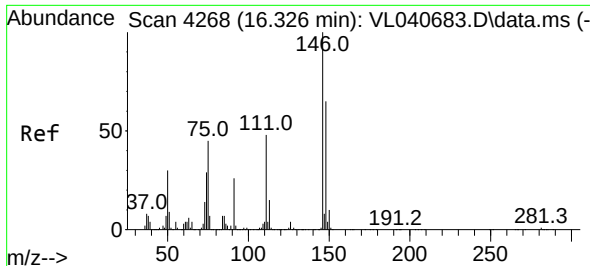


#74
1,2,4-Trimethylbenzene
Concen: 9.113 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



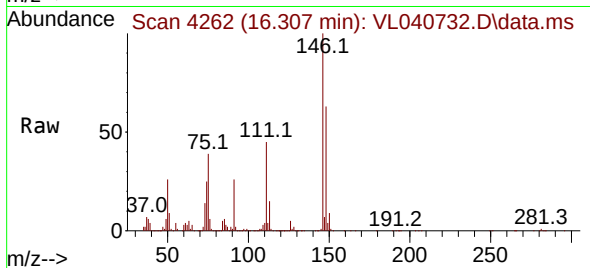
Tgt Ion:105 Resp: 3765923
Ion Ratio Lower Upper
105 100
120 49.6 38.6 57.8
91 55.8 50.0 75.0
77 22.9 20.6 31.0





#75
1,3-Dichlorobenzene
Concen: 9.607 ppbv
RT: 16.307 min Scan# 4307
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

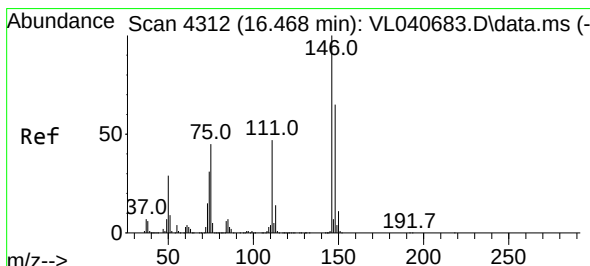
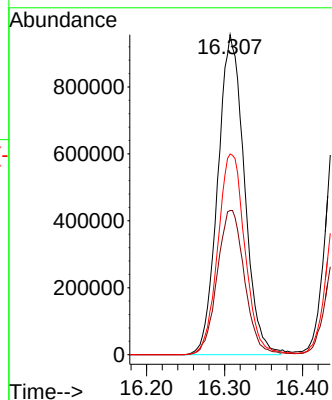
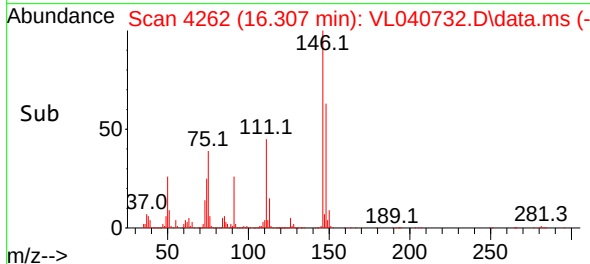
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



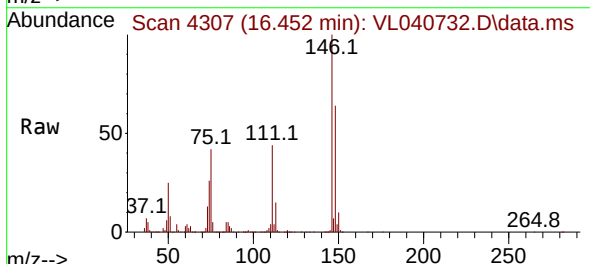
Tgt Ion:146 Resp: 226193
Ion Ratio Lower Upper
146 100
111 46.5 23.9 71.7
148 64.2 31.8 95.4

Manual Integrations
APPROVED

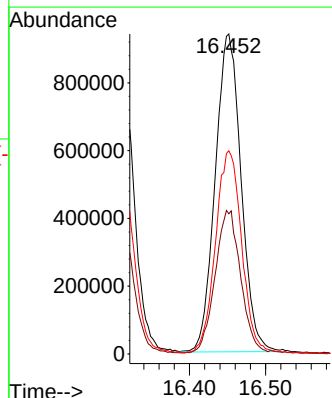
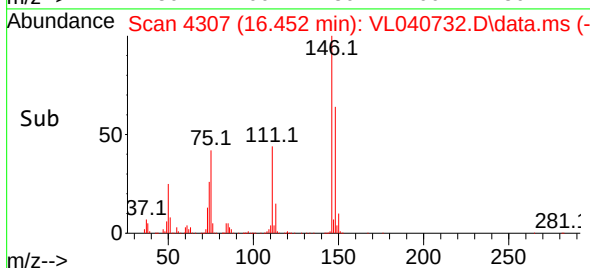
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

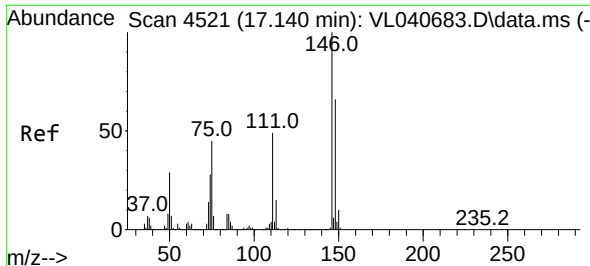


#76
1,4-Dichlorobenzene
Concen: 9.578 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. -0.029 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



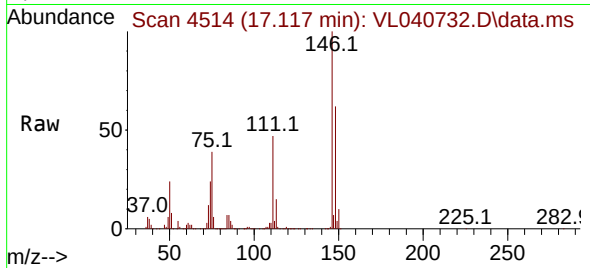
Tgt Ion:146 Resp: 221888
Ion Ratio Lower Upper
146 100
111 45.4 23.8 71.2
148 65.5 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 9.313 ppbv
RT: 17.117 min Scan# 4514
Delta R.T. -0.035 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

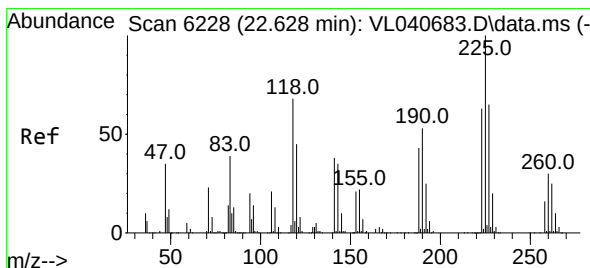
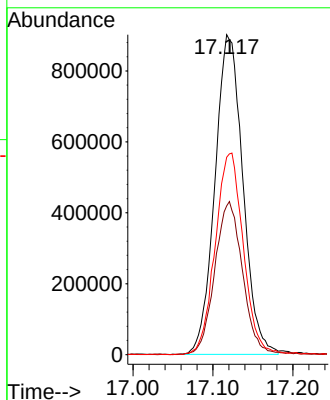
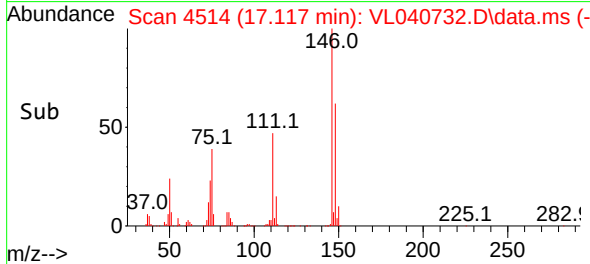
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 2183909
Ion Ratio Lower Upper
146 100
111 48.0 25.0 75.0
148 63.8 32.4 97.0

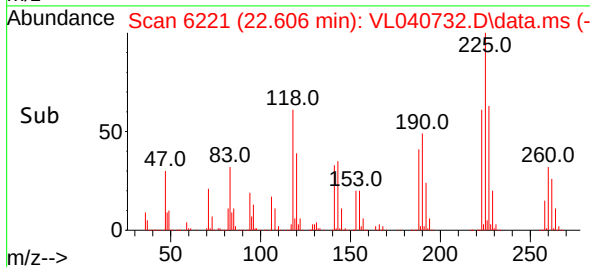
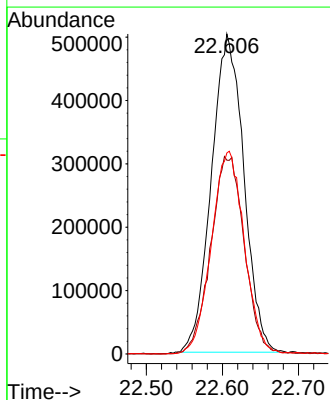
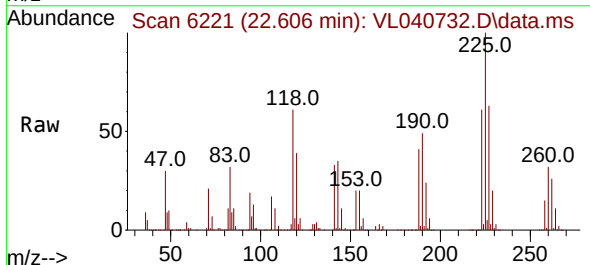
Manual Integrations
APPROVED

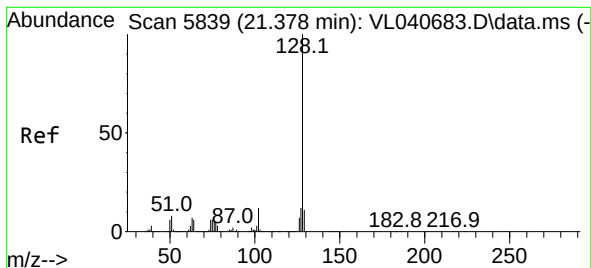
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#78
Hexachloro-1,3-Butadiene
Concen: 8.371 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

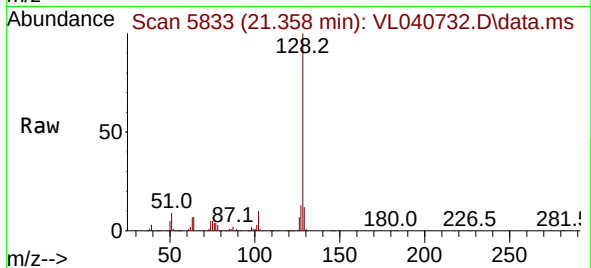
Tgt Ion:225 Resp: 1485321
Ion Ratio Lower Upper
225 100
223 64.5 51.2 76.8
227 64.9 50.7 76.1





#79
Naphthalene
Concen: 12.447 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. -0.035 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

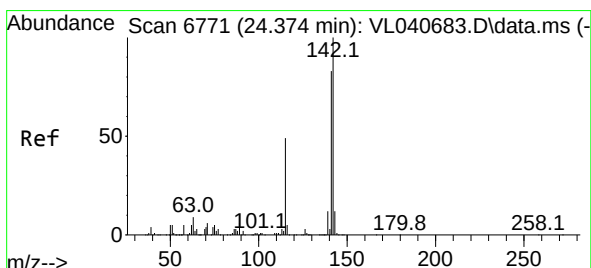
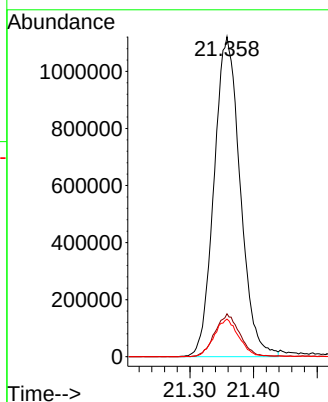
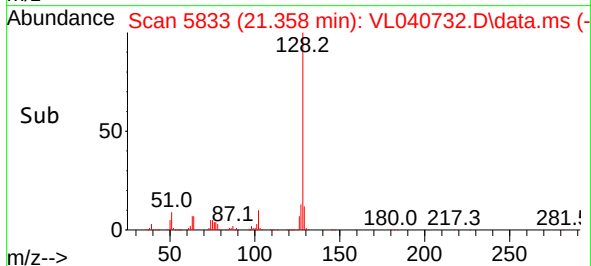
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



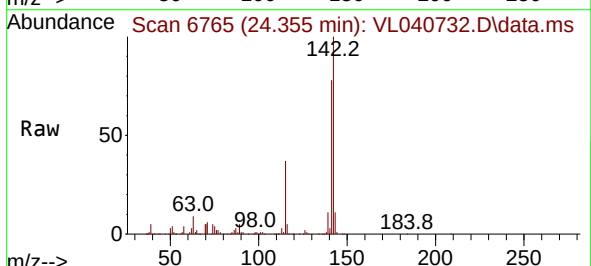
Tgt Ion:128 Resp: 3200850
Ion Ratio Lower Upper
128 100
127 13.4 9.8 14.6
129 11.8 8.4 12.6

Manual Integrations
APPROVED

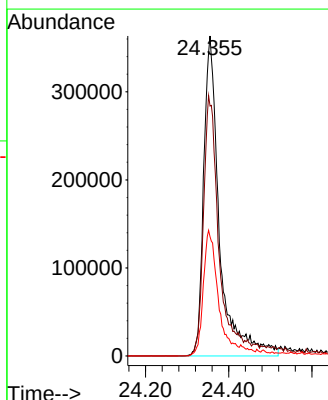
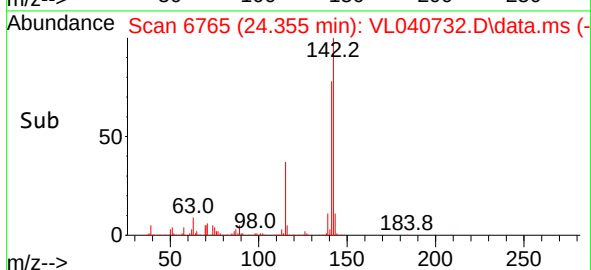
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

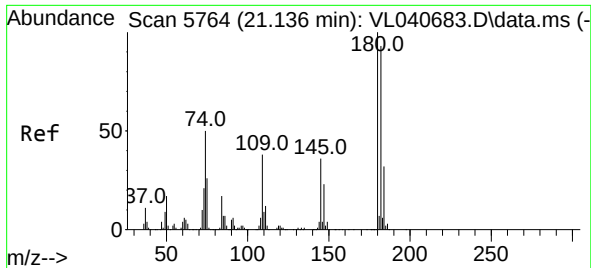


#80
Naphthalene,2-methyl-
Concen: 15.315 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.026 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13



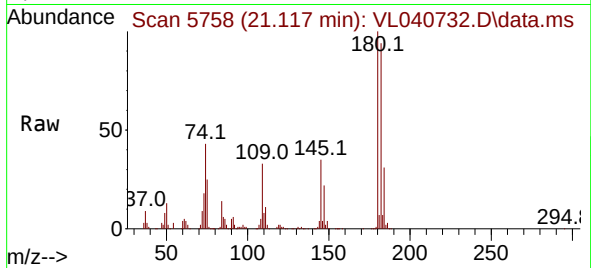
Tgt Ion:142 Resp: 964582
Ion Ratio Lower Upper
142 100
141 84.7 67.0 100.6
115 40.2 37.4 56.2





#81
1,2,4-Trichlorobenzene
Concen: 9.893 ppbv
RT: 21.117 min Scan# 51
Delta R.T. -0.032 min
Lab File: VL040732.D
Acq: 28 Sep 2023 8:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 166182
Ion Ratio Lower Upper
180 100
182 97.6 77.9 116.9
184 31.8 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

