

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040734.D
 Acq On : 4 Oct 2023 10:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 04:52:45 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 : 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	1141972	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	3184216	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	3209237m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 2147097 8.659 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 86.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	2400455	9.540	ppbv	98
3) Chlorodifluoromethane	2.681	51	1811243	9.736	ppbv	95
4) Chloromethane	2.819	50	711200	9.986	ppbv	99
5) Vinyl Chloride	2.925	62	803268	9.543	ppbv	99
6) Bromomethane	3.121	94	380641	9.373	ppbv	95
7) Chloroethane	3.202	64	291970	10.099	ppbv	97
8) Dichlorotetrafluoroethane	2.864	85	1914869	9.219	ppbv	98
9) Propene	2.700	41	610814	11.397	ppbv	96
10) Heptane	7.568	43	1452689	12.029	ppbv	97
11) Trichlorofluoromethane	3.565	101	1930050	8.726	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1463999	9.253	ppbv	99
13) Ethanol	3.243	45	138933	8.758	ppbv	99
14) Bromoethene	3.369	108	630154	9.495	ppbv	99
15) Acetone	3.469	43	1345934	8.935	ppbv	99
16) 1,3-Butadiene	2.989	39	682176	10.392	ppbv	91
17) tert-Butyl alcohol	3.877	59	1429350	9.264	ppbv	99
18) 1,1-Dichloroethene	3.880	96	669193	9.515	ppbv	95
19) Isopropyl Alcohol	3.575	45	849027	9.355	ppbv	100
20) Methylene Chloride	3.932	84	568879	7.017	ppbv	94
21) Allyl Chloride	3.996	41	948153	10.271	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	701834	10.093	ppbv	98
23) Vinyl Acetate	4.623	43	1824250	11.711	ppbv	98
24) 1,1-Dichloroethane	4.562	63	1420593	9.745	ppbv	100
25) Ethyl Acetate	5.198	43	2623670	10.800	ppbv	99
26) Hexane	5.208	57	1220148	10.622	ppbv	92
27) Carbon Disulfide	4.121	76	1748804	10.917	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1084015	10.968	ppbv	99
29) Chloroform	5.269	83	1975456	9.960	ppbv	99
30) Cyclohexane	6.594	84	1016080	11.746	ppbv	97
31) cis-1,2-Dichloroethene	5.073	61	1232615	11.565	ppbv	93
32) 1,1,1-Trichloroethane	5.996	97	1994414	9.836	ppbv	98
34) 2-Butanone	4.780	43	1603947	10.016	ppbv	97
35) Carbon Tetrachloride	6.484	117	2046343	9.359	ppbv	96
36) Benzene	6.362	78	2601193	11.032	ppbv	96
37) 1,2-Dichloroethane	5.800	62	1457053	9.029	ppbv	97
38) Trichloroethene	7.282	130	1014814	11.285	ppbv	98
39) 1,2-Dichloropropane	7.063	63	977475	10.770	ppbv	95
40) 1,4-Dioxane	7.272	88	397977	11.599	ppbv #	99
41) Tetrahydrofuran	5.549	42	964104	11.741	ppbv	99
42) Bromodichloromethane	7.240	83	2184894	9.923	ppbv	100
43) Methyl Methacrylate	7.465	69	1046403	11.939	ppbv	97
44) 2,2,4-Trimethylpentane	7.317	57	4164075	11.091	ppbv	97
45) t-1,3-Dichloropropene	8.700	75	855841	12.593	ppbv	96

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

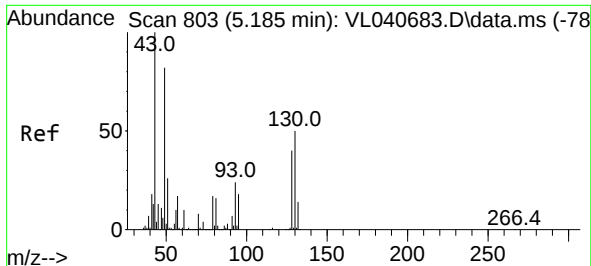
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

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

Response via : Initial Calibration

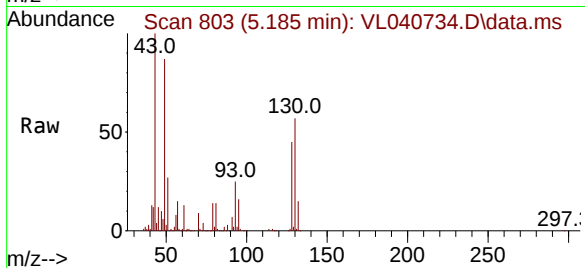
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1007280	12.114	ppbv	93
47) 1,1,2-Trichloroethane	8.886	97	1092703	10.491	ppbv	98
48) Dibromochloromethane	9.697	129	1878104	10.930	ppbv	98
49) Bromoform	12.394	173	1541070	10.921	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2420155	11.184	ppbv	96
51) 2-Hexanone	9.536	43	1779604	11.915	ppbv #	95
52) Tetrachloroethene	10.600	164	915946	11.908	ppbv	96
53) Toluene	9.211	91	3015591	12.114	ppbv	100
54) 1,2-Dibromoethane	9.996	107	1573443	11.835	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.497	131	1389343	9.082	ppbv	98
57) Chlorobenzene	11.513	112	2327367	9.577	ppbv	97
58) Ethyl Benzene	12.076	91	3994304	10.917	ppbv	99
59) m/p-Xylene	12.356	91	6816932m	19.841	ppbv	
60) o-Xylene	13.047	91	3260185	9.950	ppbv	99
61) Styrene	12.883	104	1702672	12.399	ppbv	97
62) Isopropylbenzene	14.015	105	4760171	9.622	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	2346677	9.138	ppbv	99
64) n-propylbenzene	14.902	120	1267127	10.244	ppbv	93
65) tert-Butylbenzene	16.076	119	4196006	9.450	ppbv	96
66) Benzyl Chloride	16.314	91	560937	10.825	ppbv	97
67) sec-Butylbenzene	16.622	105	5929693	9.329	ppbv	100
69) p-Isopropyltoluene	16.982	119	4848377	9.705	ppbv	98
70) n-Butylbenzene	17.870	91	5199708	9.457	ppbv	99
71) 2-Chlorotoluene	14.786	91	3678740	10.051	ppbv	97
72) 4-Ethyltoluene	15.179	105	3823248	10.405	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3291382	9.948	ppbv	100
74) 1,2,4-Trimethylbenzene	16.092	105	3662459	9.081	ppbv	95
75) 1,3-Dichlorobenzene	16.317	146	2180710	9.489	ppbv	99
76) 1,4-Dichlorobenzene	16.462	146	2115924	9.358	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	2083977	9.105	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1553677	8.971	ppbv	99
79) Naphthalene	21.365	128	3311444	13.194	ppbv	97
80) Naphthalene,2-methyl-	24.358	142	901088	14.658	ppbv	97
81) 1,2,4-Trichlorobenzene	21.121	180	1716722	10.471	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: VL040734.D
Acq: 4 Oct 2023 10:00

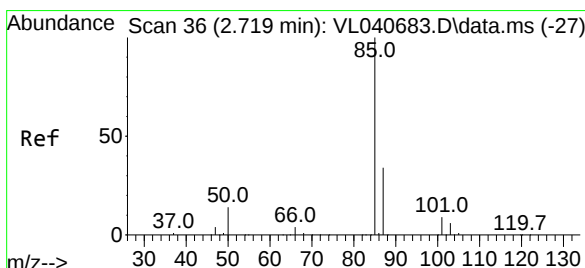
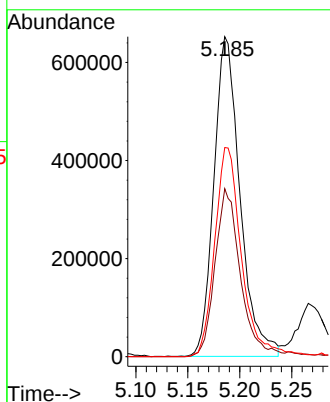
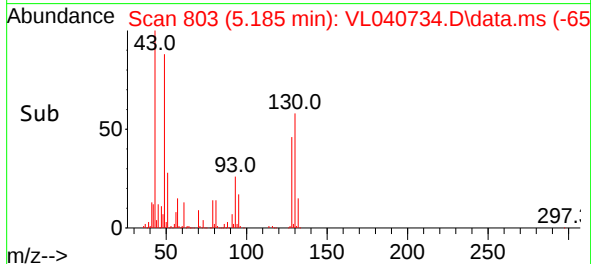
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



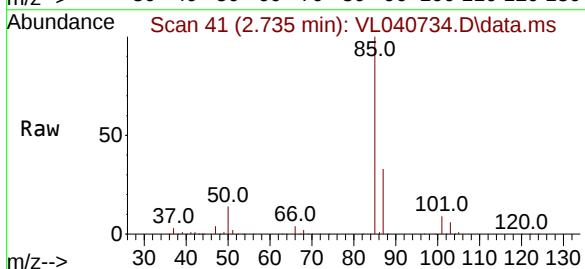
Tgt Ion: 49 Resp: 1141972
Ion Ratio Lower Upper
49 100
128 52.4 25.4 76.0
130 67.9 32.3 96.8

Manual Integrations
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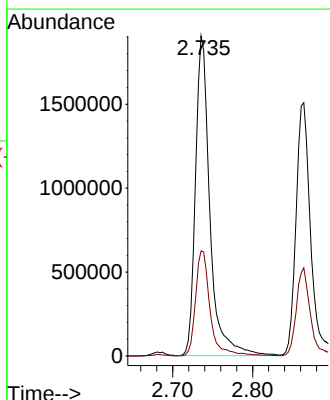
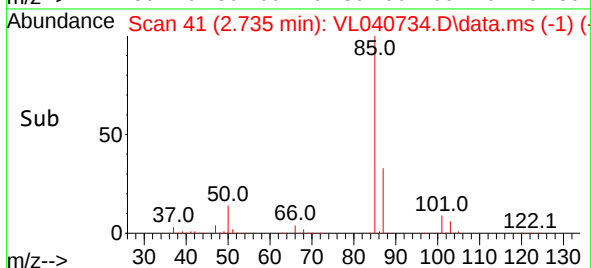
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

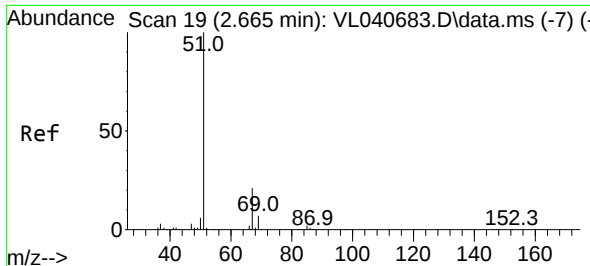


#2
Dichlorodifluoromethane
Concen: 9.540 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



Tgt Ion: 85 Resp: 2400455
Ion Ratio Lower Upper
85 100
87 32.9 27.2 40.8





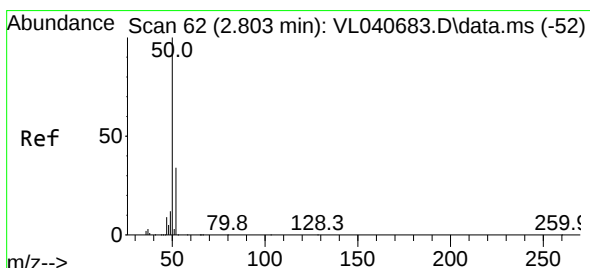
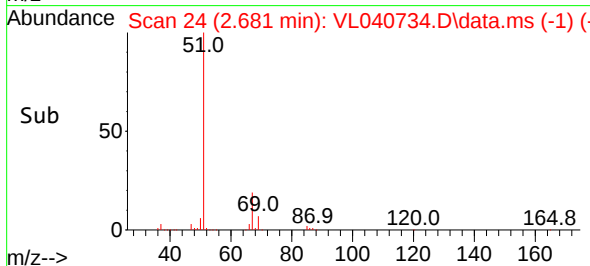
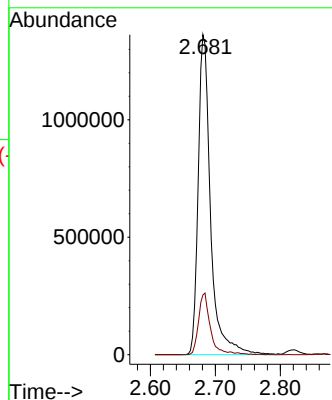
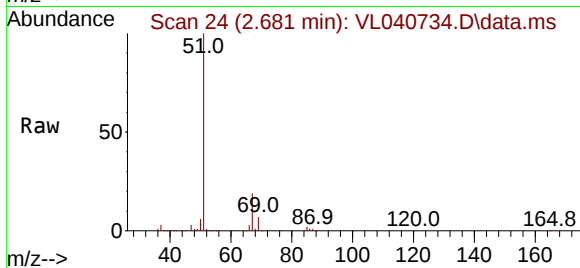
#3
Chlorodifluoromethane
Concen: 9.736 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 181124
Ion Ratio Lower Upper
51 100
67 18.6 16.7 25.1

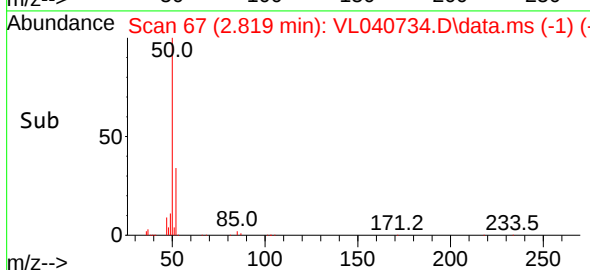
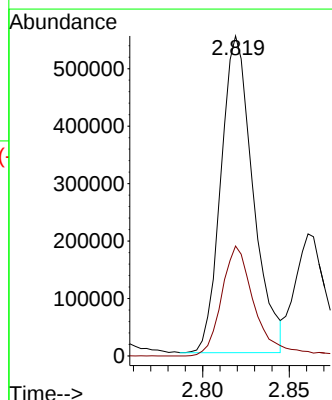
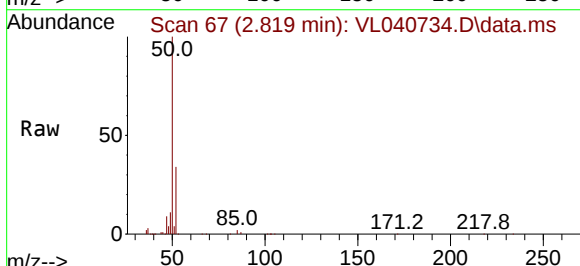
Manual Integrations
APPROVED

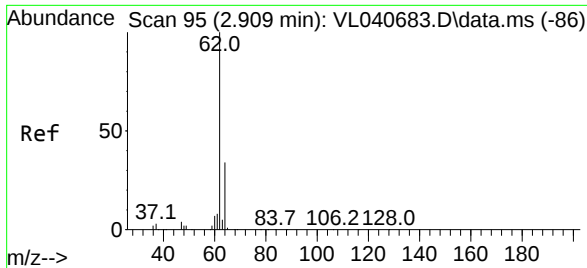
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#4
Chloromethane
Concen: 9.986 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

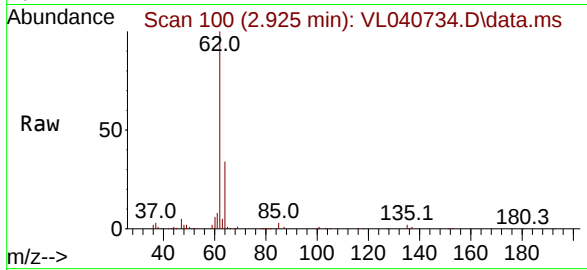
Tgt Ion: 50 Resp: 711200
Ion Ratio Lower Upper
50 100
52 34.7 27.1 40.7





#5
 Vinyl Chloride
 Concen: 9.543 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

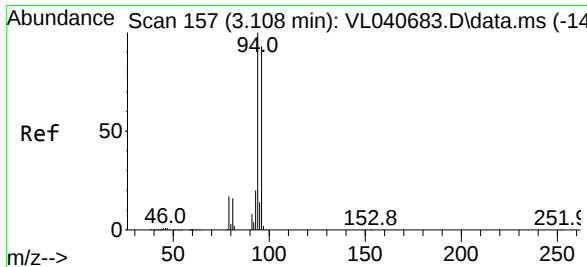
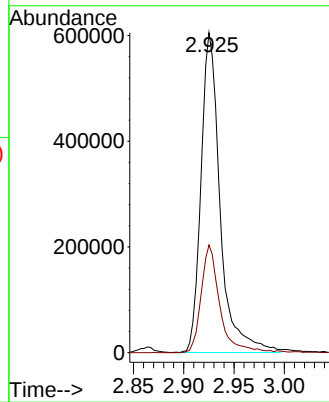
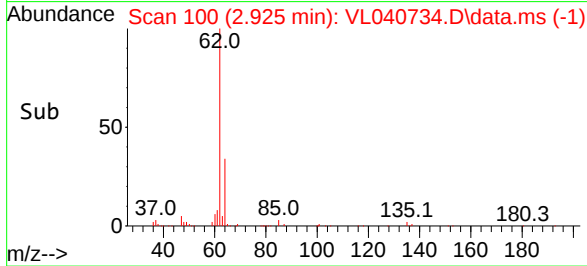
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



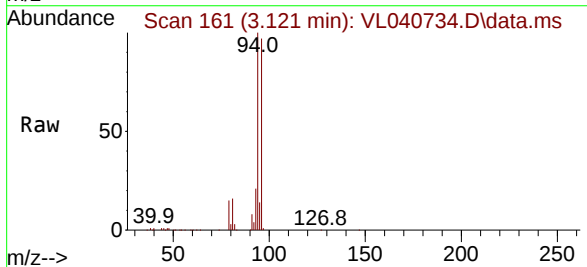
Tgt Ion: 62 Resp: 803268
 Ion Ratio Lower Upper
 62 100
 64 33.6 27.2 40.8

Manual Integrations
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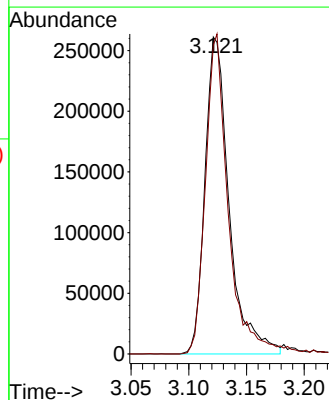
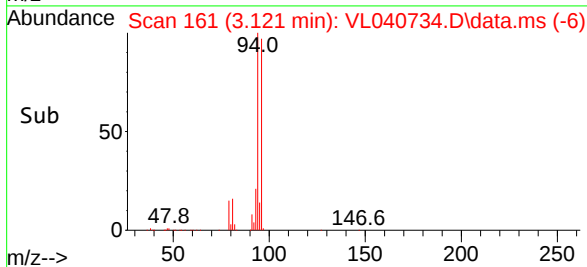
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

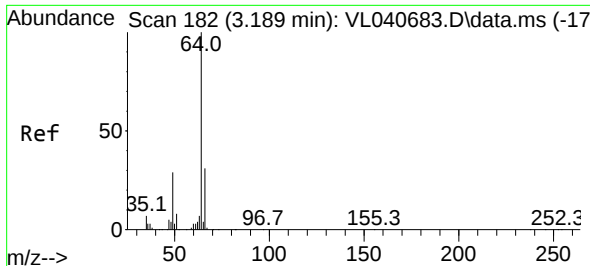


#6
 Bromomethane
 Concen: 9.373 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00



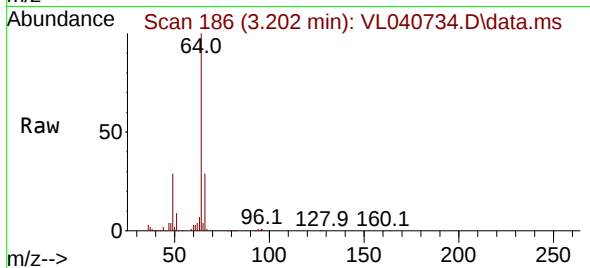
Tgt Ion: 94 Resp: 380641
 Ion Ratio Lower Upper
 94 100
 96 97.4 74.4 111.6





#7
Chloroethane
Concen: 10.099 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

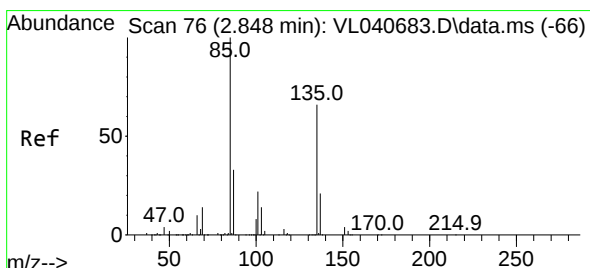
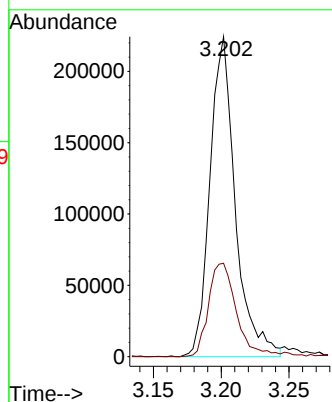
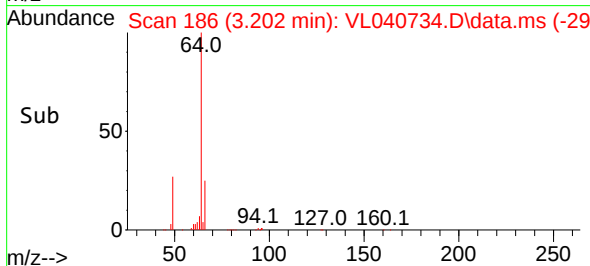
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 291970
Ion Ratio Lower Upper
64 100
66 29.2 24.5 36.7

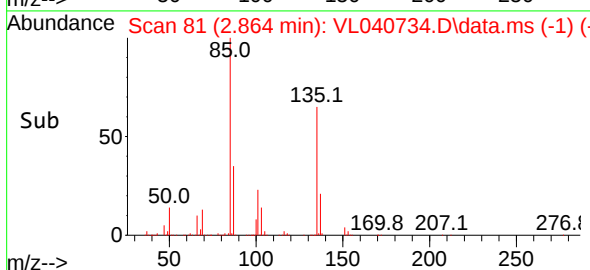
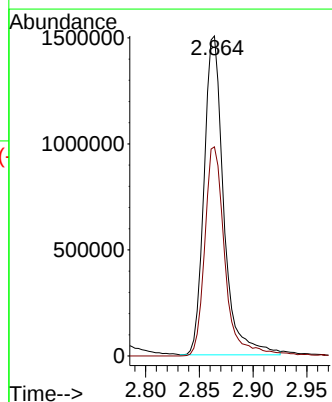
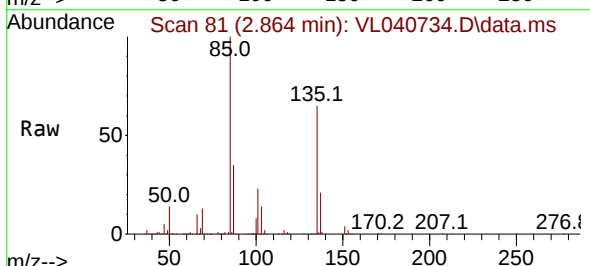
Manual Integrations
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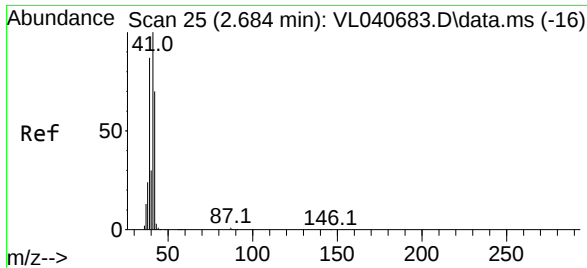
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#8
Dichlorotetrafluoroethane
Concen: 9.219 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 85 Resp: 1914869
Ion Ratio Lower Upper
85 100
135 68.1 53.4 80.2





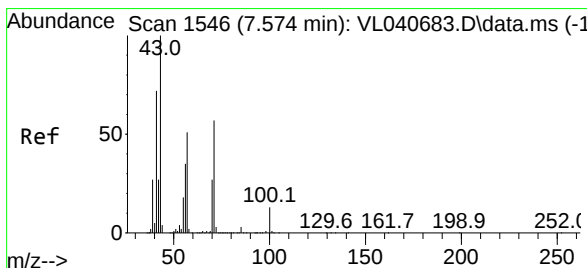
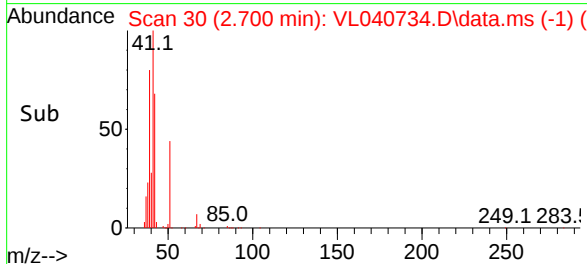
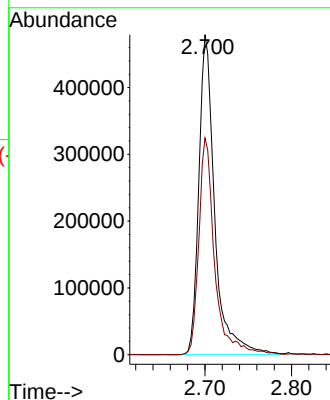
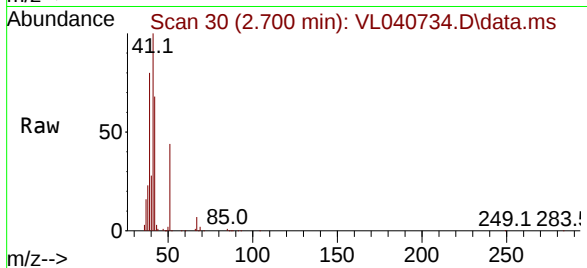
#9
Propene
Concen: 11.397 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 610814
Ion Ratio Lower Upper
41 100
42 68.0 56.7 85.1

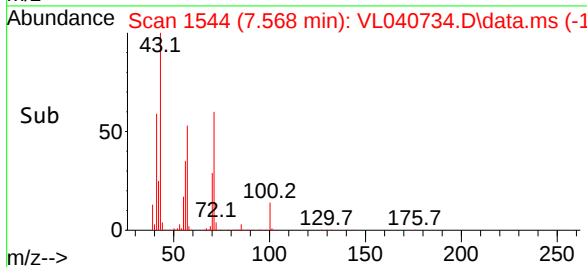
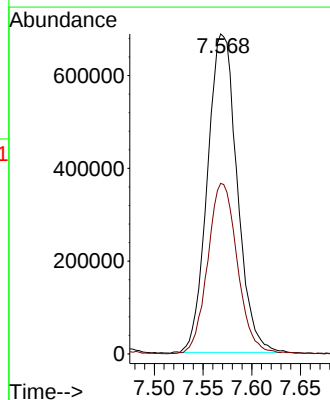
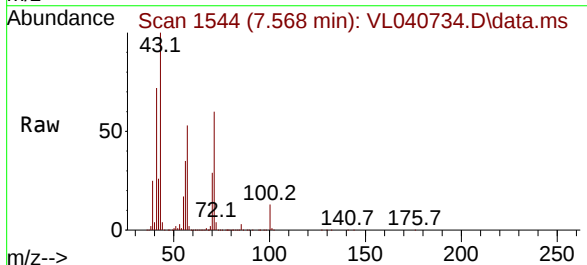
Manual Integrations
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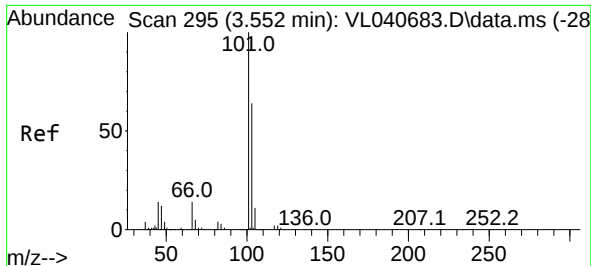
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#10
Heptane
Concen: 12.029 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

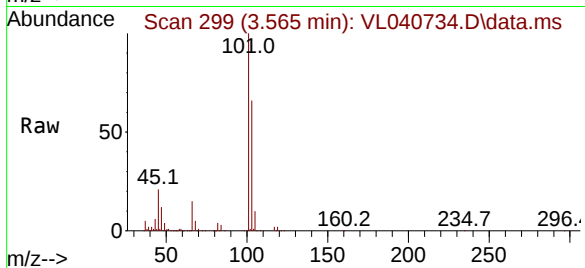
Tgt Ion: 43 Resp: 1452689
Ion Ratio Lower Upper
43 100
57 54.1 41.8 62.6





#11
 Trichlorofluoromethane
 Concen: 8.726 ppbv
 RT: 3.565 min Scan# 295
 Delta R.T. -0.003 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

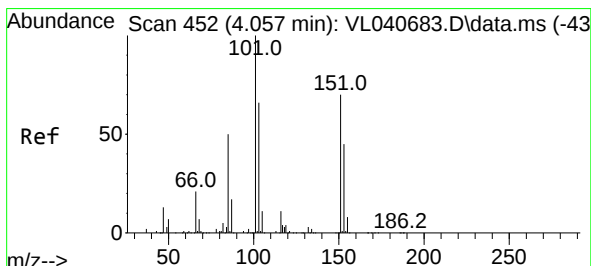
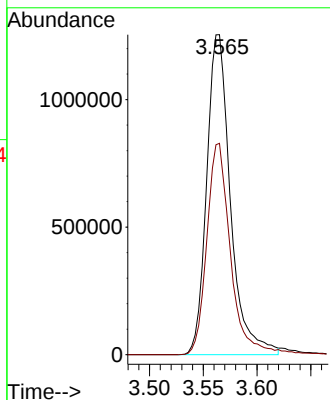
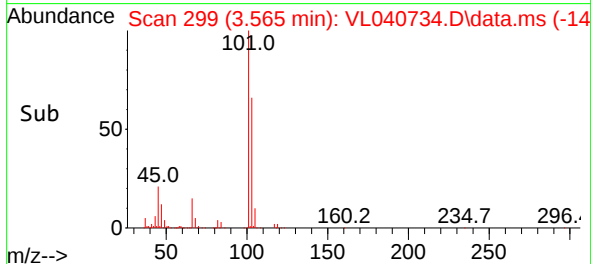
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



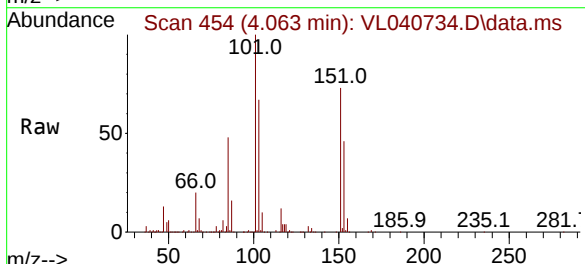
Tgt Ion:101 Resp: 1930050
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.3 76.9

Manual Integrations
 APPROVED

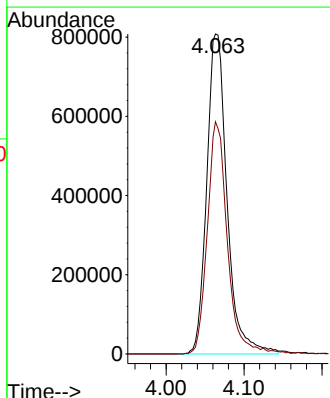
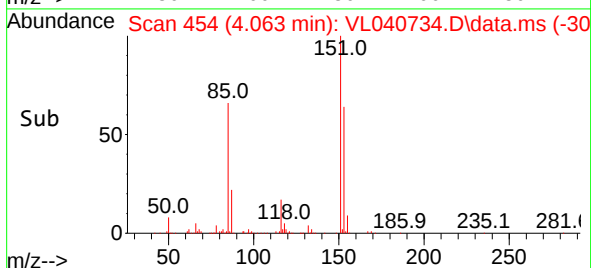
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

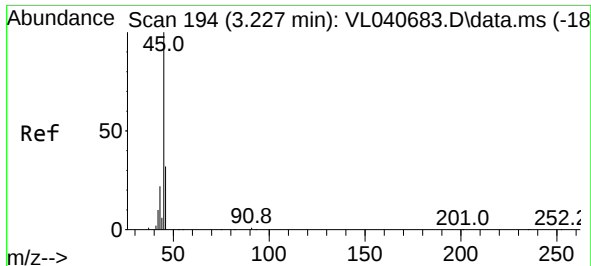


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.253 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.009 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00



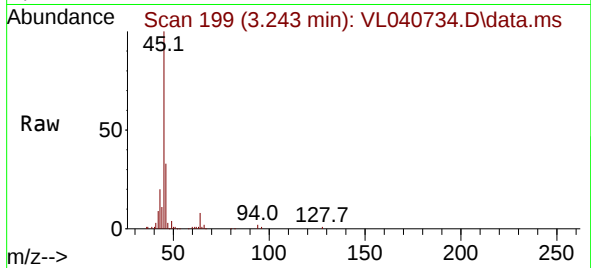
Tgt Ion:101 Resp: 1463999
 Ion Ratio Lower Upper
 101 100
 151 71.8 56.8 85.2





#13
Ethanol
Concen: 8.758 ppbv
RT: 3.243 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

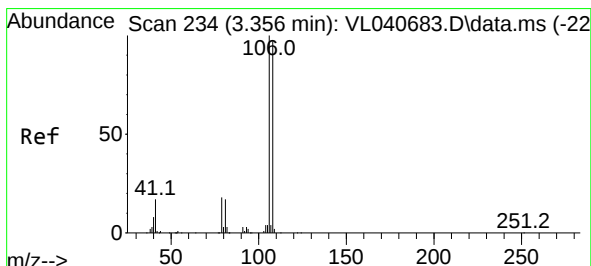
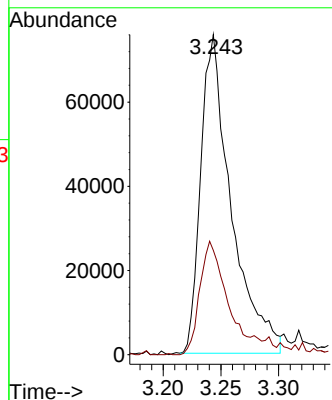
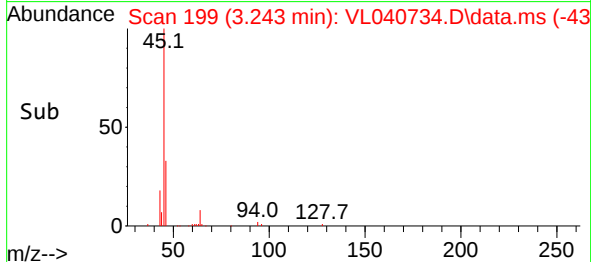
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



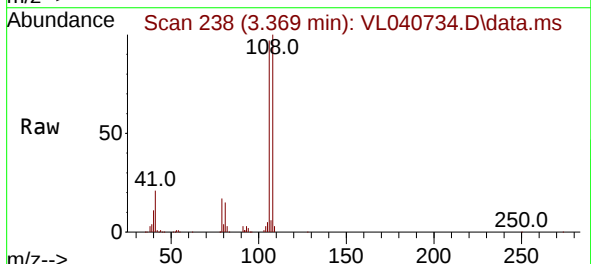
Tgt Ion: 45 Resp: 138933
Ion Ratio Lower Upper
45 100
46 37.5 15.2 61.0

Manual Integrations
APPROVED

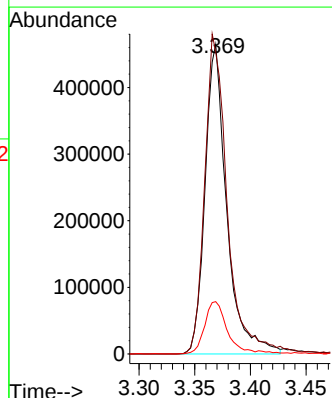
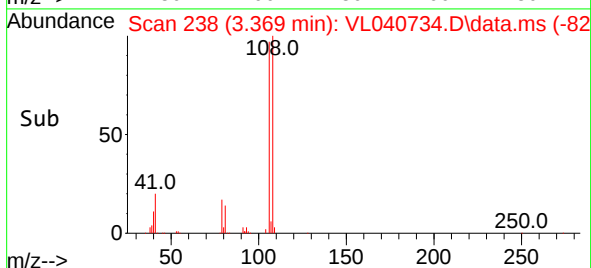
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

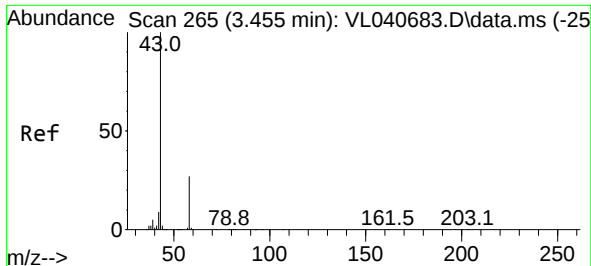


#14
Bromoethene
Concen: 9.495 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.000 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



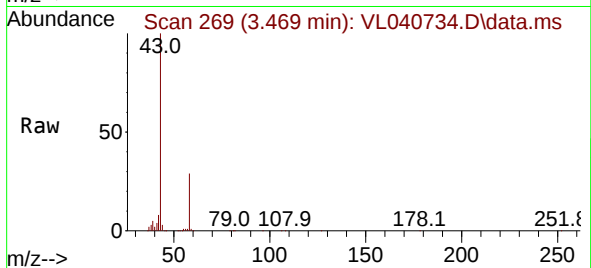
Tgt Ion:108 Resp: 630154
Ion Ratio Lower Upper
108 100
106 108.6 86.0 129.0
79 18.0 15.6 23.4





#15
Acetone
Concen: 8.935 ppbv
RT: 3.469 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

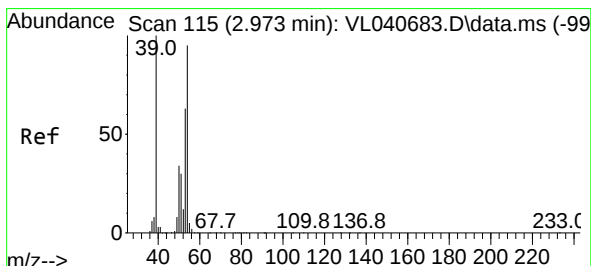
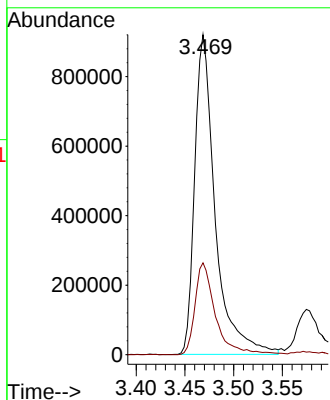
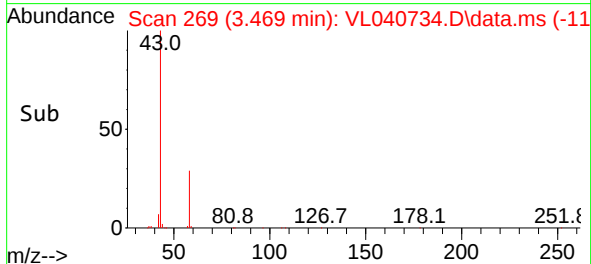
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



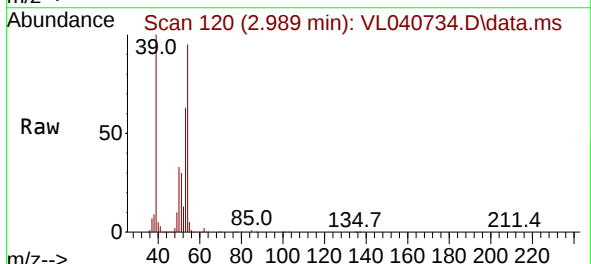
Tgt Ion: 43 Resp: 1345934
Ion Ratio Lower Upper
43 100
58 28.7 22.6 34.0

Manual Integrations
APPROVED

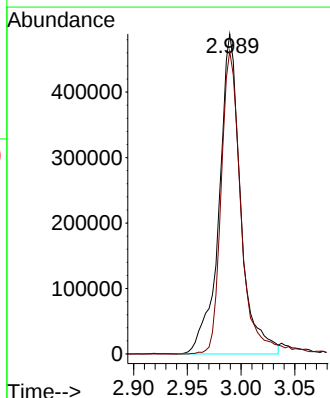
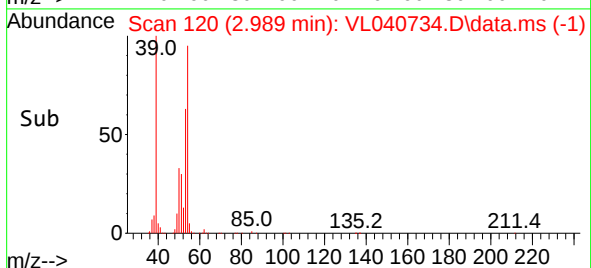
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

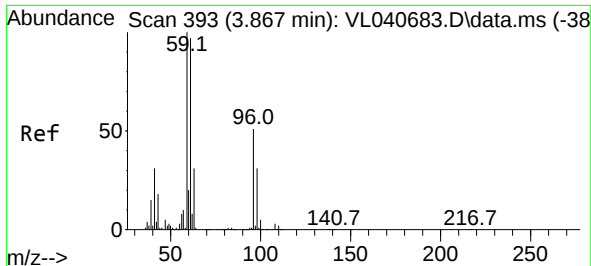


#16
1,3-Butadiene
Concen: 10.392 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.000 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



Tgt Ion: 39 Resp: 682176
Ion Ratio Lower Upper
39 100
54 88.7 64.8 97.2





#17

tert-Butyl alcohol

Concen: 9.264 ppbv

RT: 3.877 min Scan# 393

Delta R.T. -0.006 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1429350

Ion Ratio Lower Upper

59 100

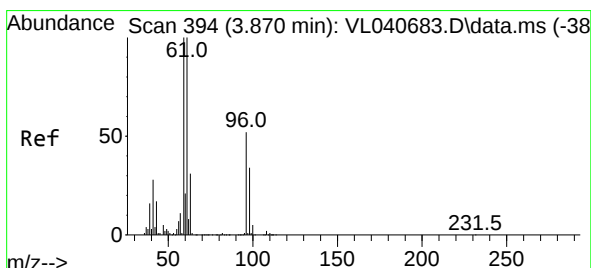
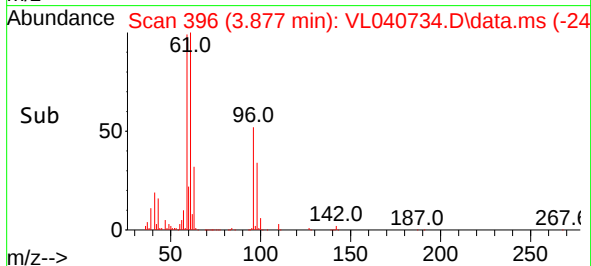
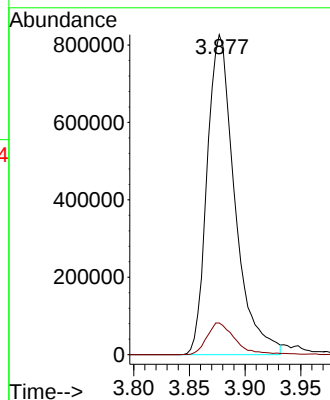
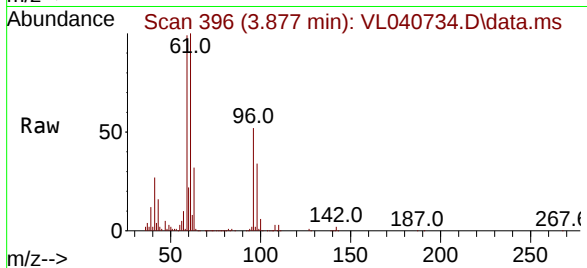
57 10.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#18

1,1-Dichloroethene

Concen: 9.515 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.003 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

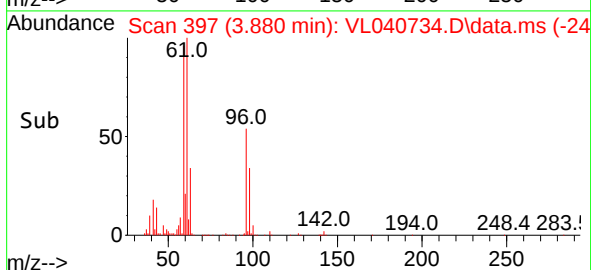
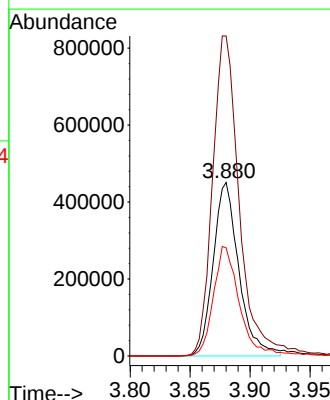
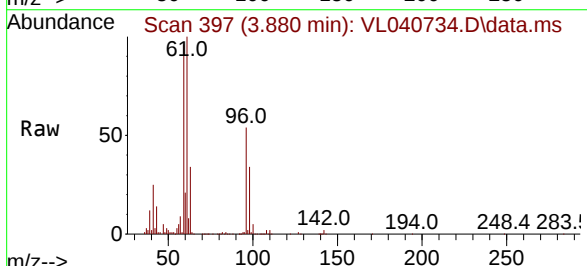
Tgt Ion: 96 Resp: 669193

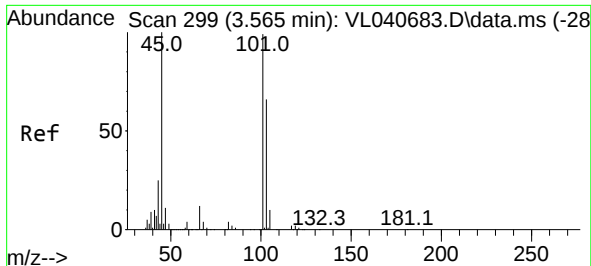
Ion Ratio Lower Upper

96 100

61 184.4 153.6 230.4

98 62.3 51.9 77.9





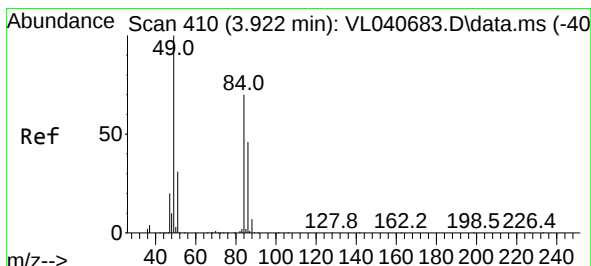
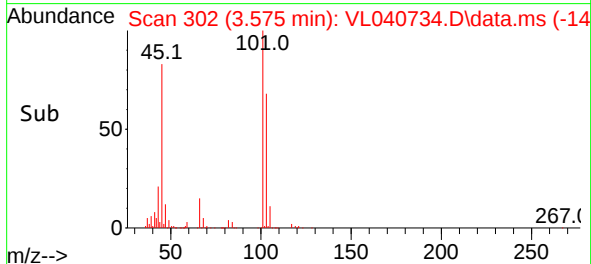
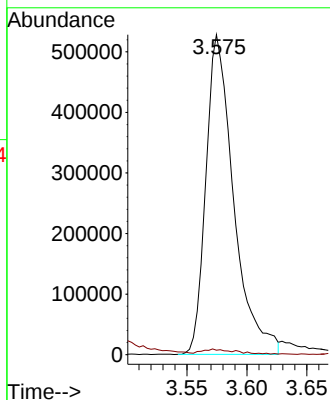
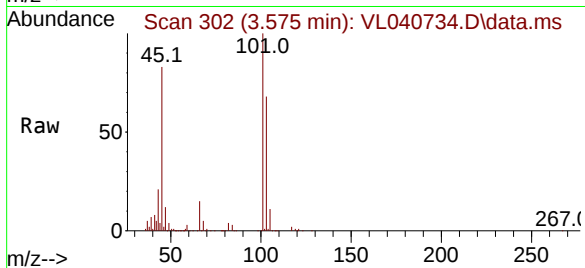
#19
Isopropyl Alcohol
Concen: 9.355 ppbv
RT: 3.575 min Scan# 302
Delta R.T. -0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 84902
Ion Ratio Lower Upper
45 100
58 2.3 1.9 2.9

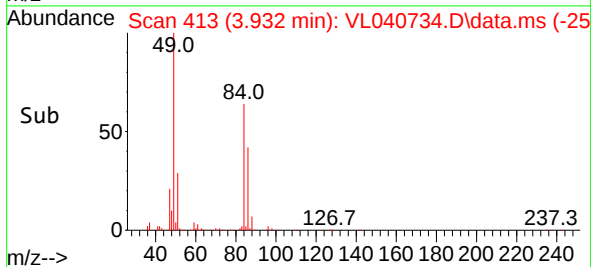
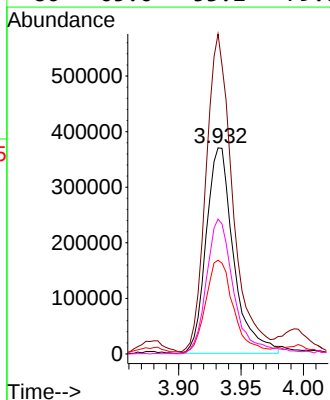
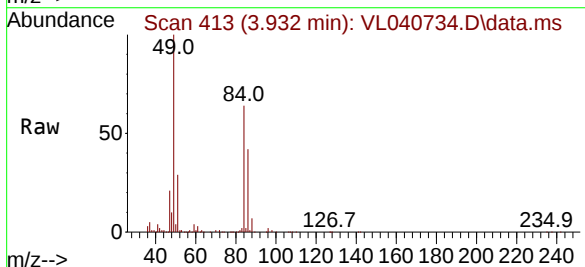
Manual Integrations
APPROVED

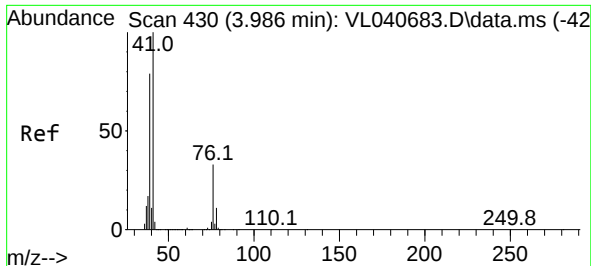
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#20
Methylene Chloride
Concen: 7.017 ppbv
RT: 3.932 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

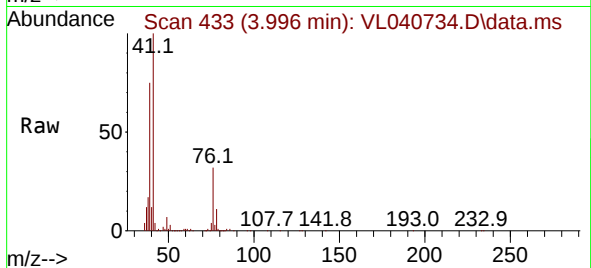
Tgt Ion: 84 Resp: 568879
Ion Ratio Lower Upper
84 100
49 154.5 114.4 171.6
51 44.5 35.5 53.3
86 65.6 53.2 79.8





#21
 Allyl Chloride
 Concen: 10.271 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

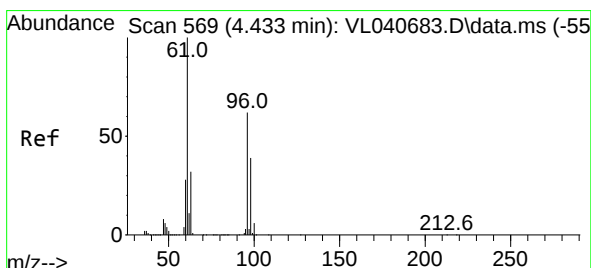
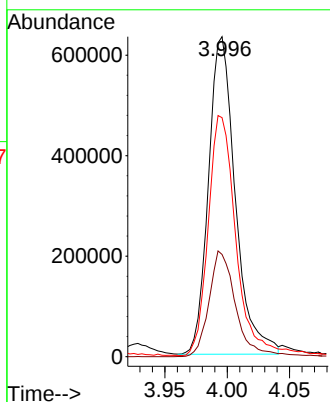
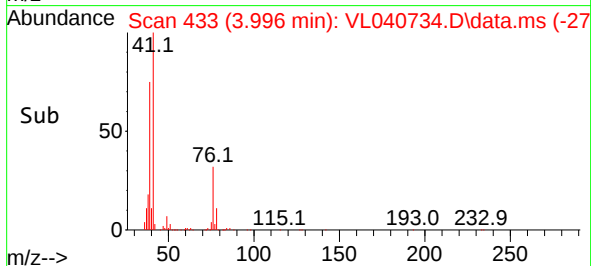
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



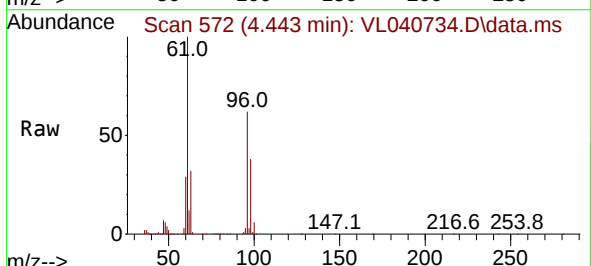
Tgt Ion: 41 Resp: 94815
 Ion Ratio Lower Upper
 41 100
 76 33.4 26.6 40.0
 39 78.8 65.0 97.4

Manual Integrations
 APPROVED

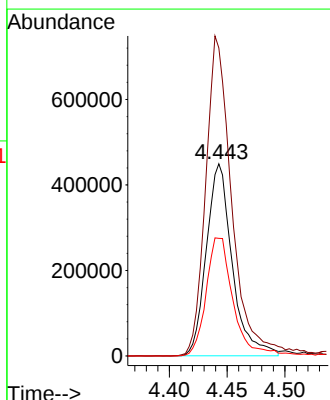
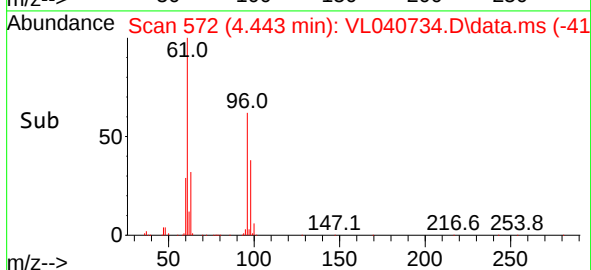
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

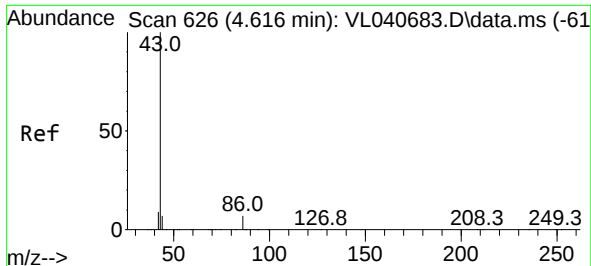


#22
 trans-1,2-Dichloroethene
 Concen: 10.093 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.009 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00



Tgt Ion: 96 Resp: 701834
 Ion Ratio Lower Upper
 96 100
 61 160.2 129.9 194.9
 98 61.2 50.2 75.4





#23
 Vinyl Acetate
 Concen: 11.711 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.009 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

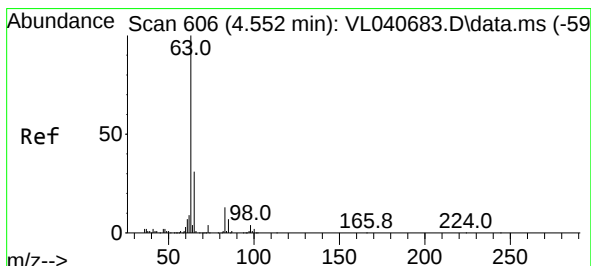
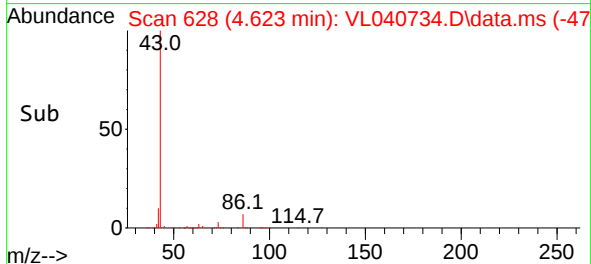
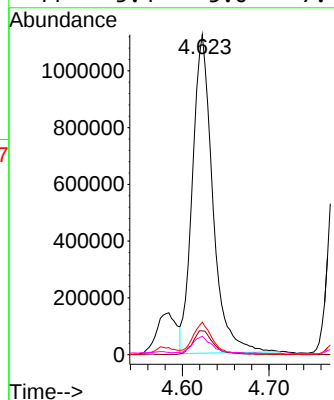
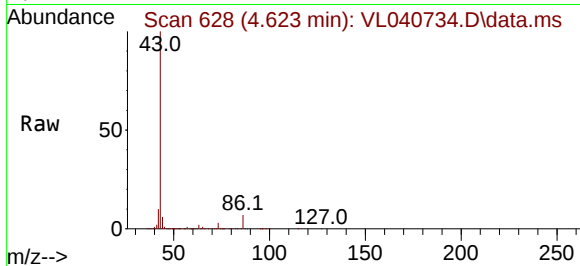
ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1824250
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.6 8.4
 42 10.2 7.6 11.4
 44 5.4 5.0 7.4

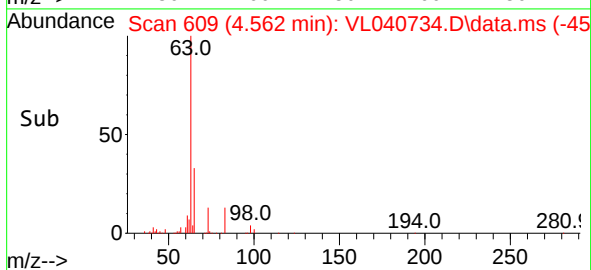
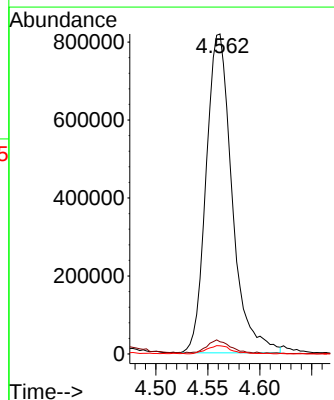
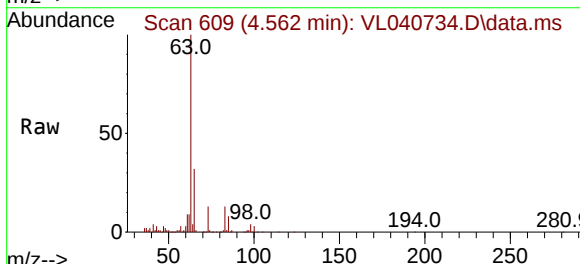
Manual Integrations
 APPROVED

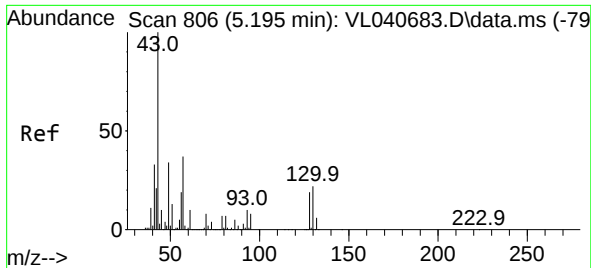
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#24
 1,1-Dichloroethane
 Concen: 9.745 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

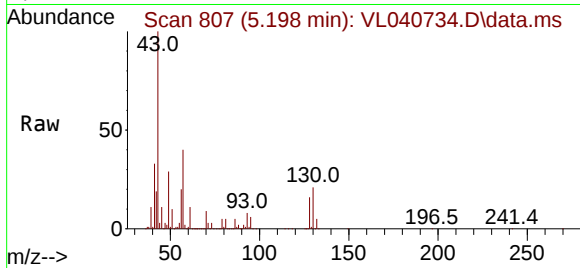
Tgt Ion: 63 Resp: 1420593
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.5
 100 2.5 1.2 3.6





#25
Ethyl Acetate
Concen: 10.800 ppbv
RT: 5.198 min Scan# 806
Delta R.T. -0.013 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

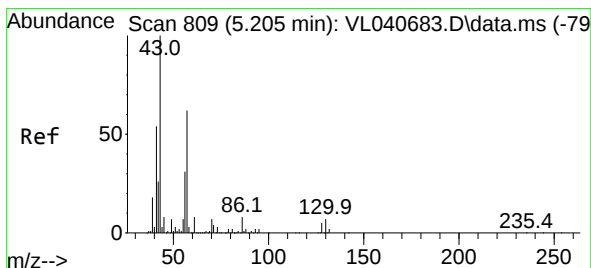
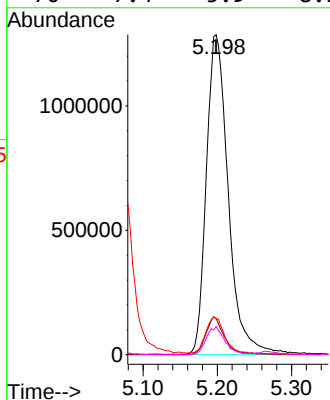
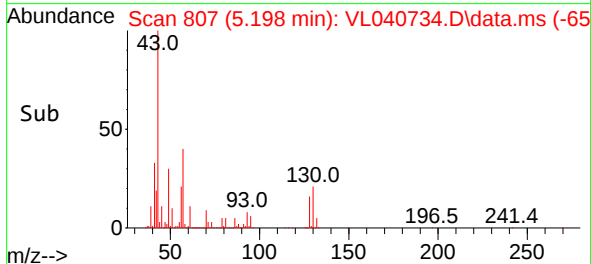
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2623670
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 10.8 8.2 12.4
70 7.4 5.9 8.9

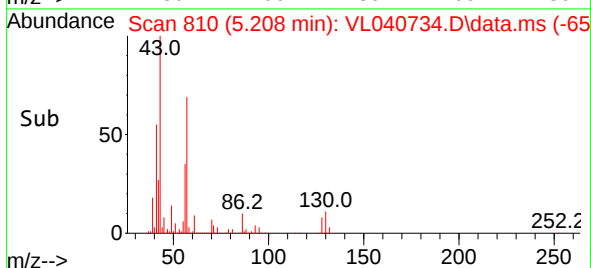
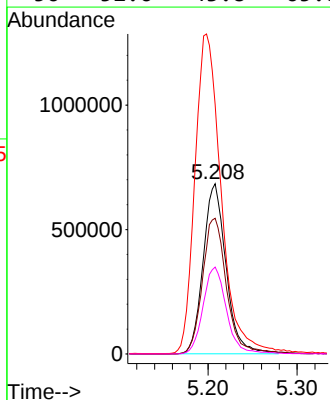
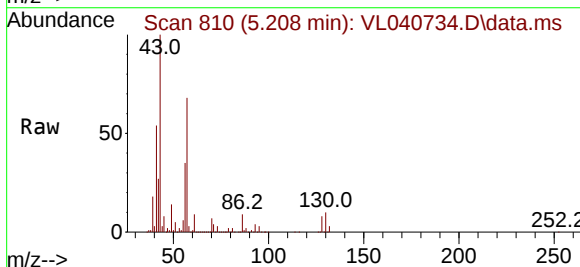
Manual Integrations
APPROVED

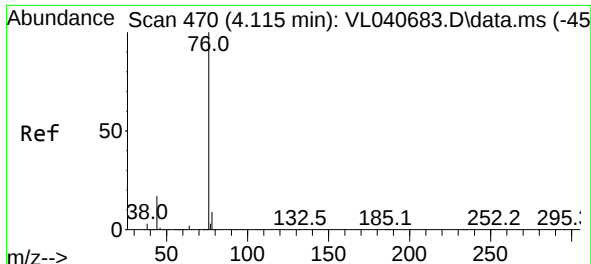
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#26
Hexane
Concen: 10.622 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

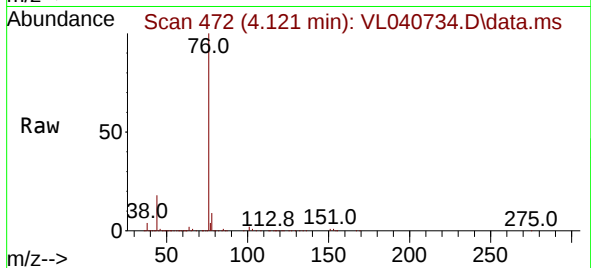
Tgt Ion: 57 Resp: 1220148
Ion Ratio Lower Upper
57 100
41 84.8 75.2 112.8
43 216.5 185.6 278.4
56 52.6 43.8 65.8





#27
Carbon Disulfide
Concen: 10.917 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.009 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

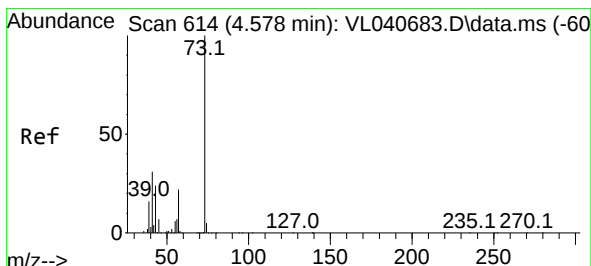
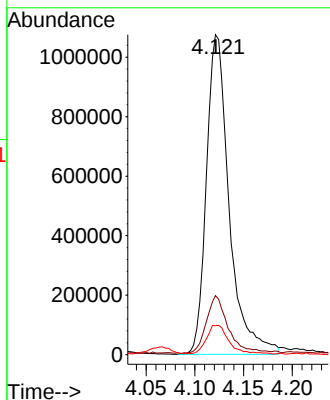
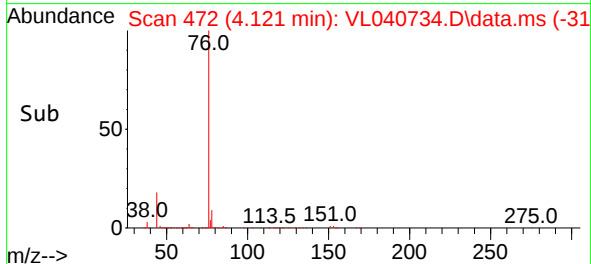
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



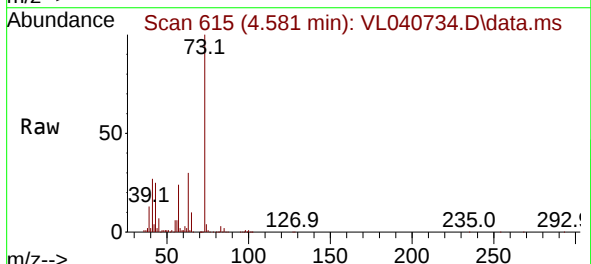
Tgt Ion: 76 Resp: 1748804
Ion Ratio Lower Upper
76 100
44 18.6 14.5 21.7
78 9.4 7.7 11.5

Manual Integrations
APPROVED

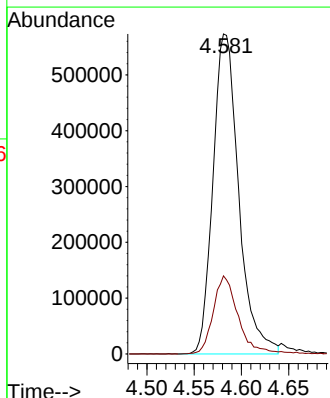
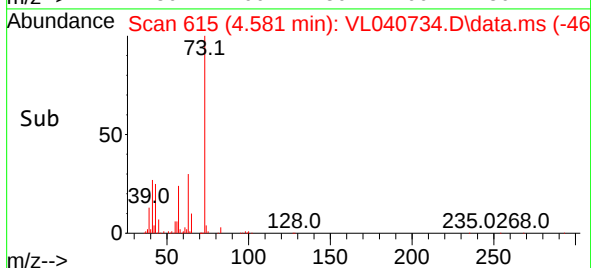
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

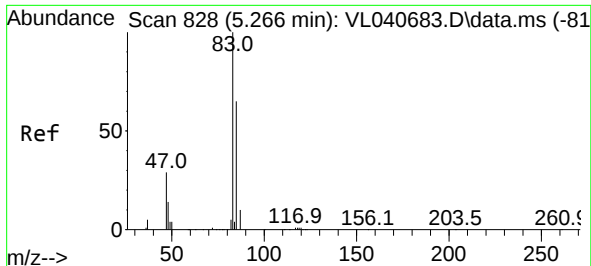


#28
Methyl tert-Butyl Ether
Concen: 10.968 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.009 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



Tgt Ion: 73 Resp: 1084015
Ion Ratio Lower Upper
73 100
57 23.8 18.8 28.2





#29

Chloroform

Concen: 9.960 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 197545

Ion Ratio Lower Upper

83 100

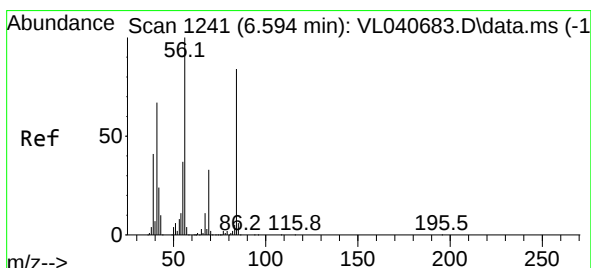
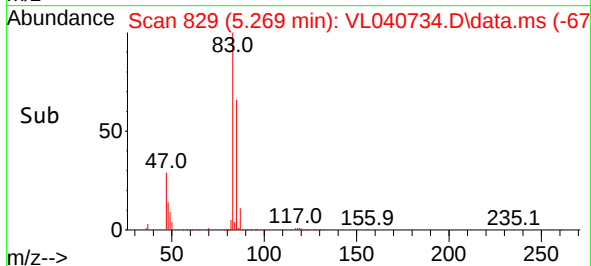
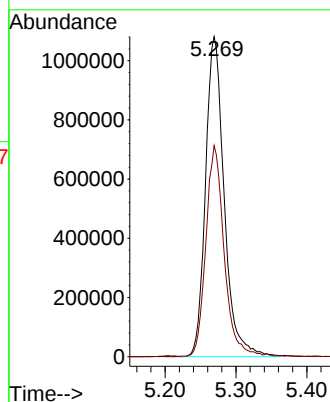
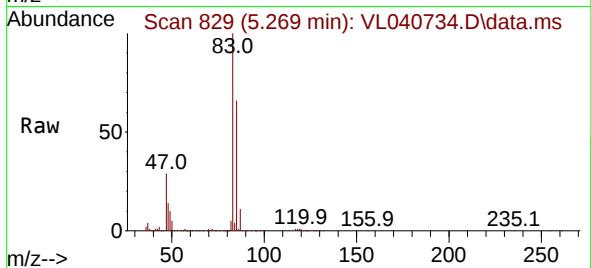
85 65.8 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#30

Cyclohexane

Concen: 11.746 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.016 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

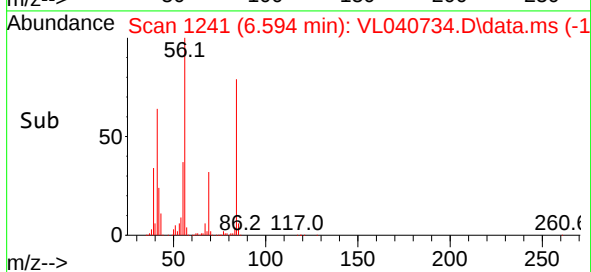
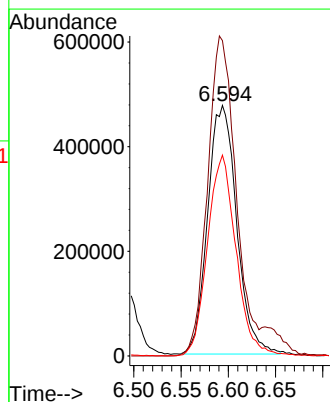
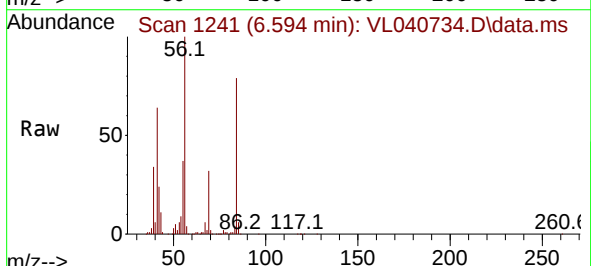
Tgt Ion: 84 Resp: 1016080

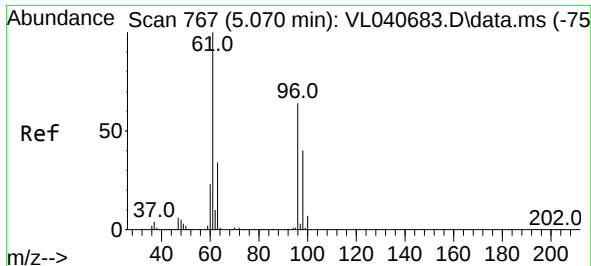
Ion Ratio Lower Upper

84 100

56 133.7 103.2 154.8

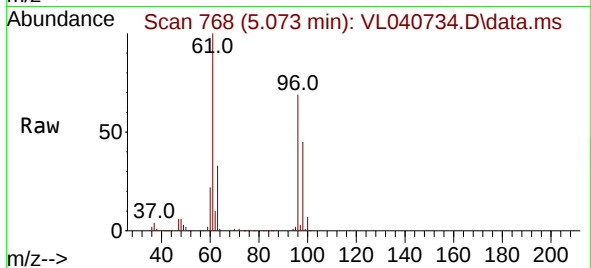
41 79.9 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 11.565 ppbv
 RT: 5.073 min Scan# 767
 Delta R.T. -0.013 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

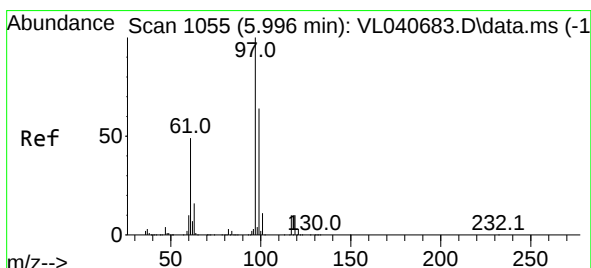
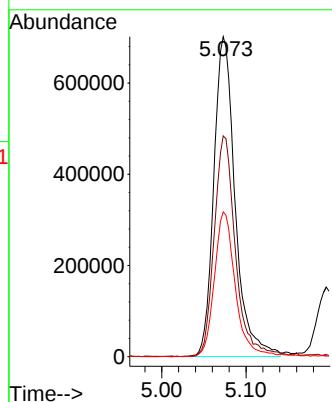
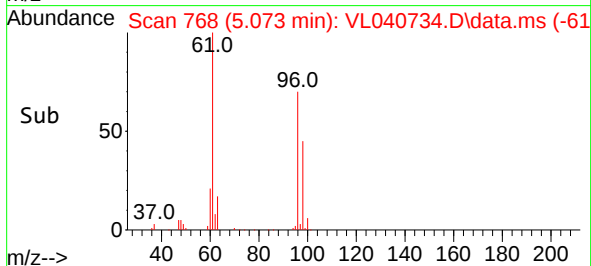


Tgt Ion: 61 Resp: 123261

Ion	Ratio	Lower	Upper
61	100		
96	69.0	51.2	76.8
98	45.2	32.3	48.5

Manual Integrations
 APPROVED

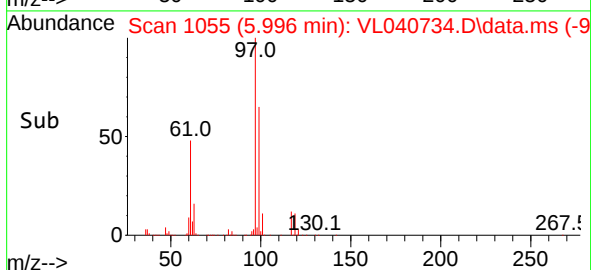
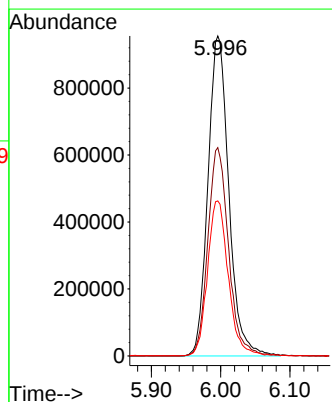
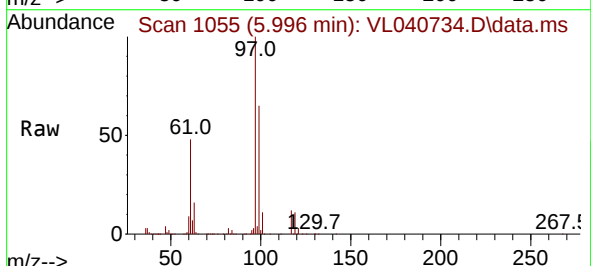
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

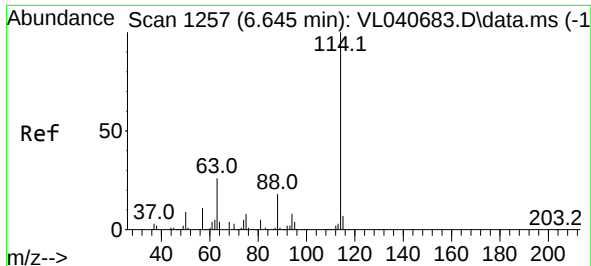


#32
 1,1,1-Trichloroethane
 Concen: 9.836 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Tgt Ion: 97 Resp: 1994414

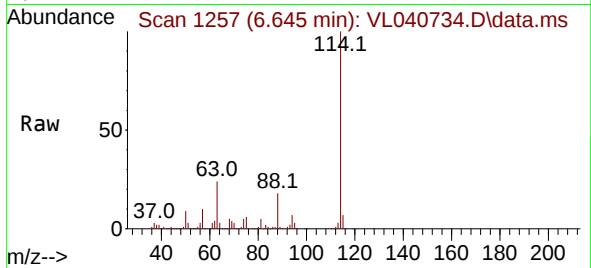
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.4	78.6
61	48.4	40.2	60.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

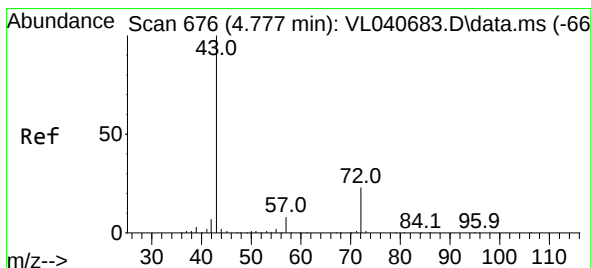
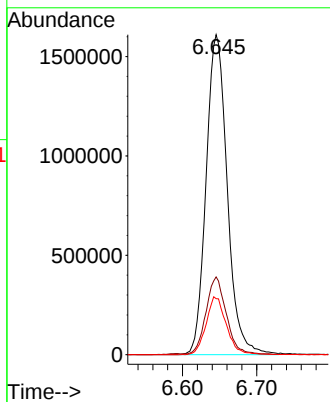
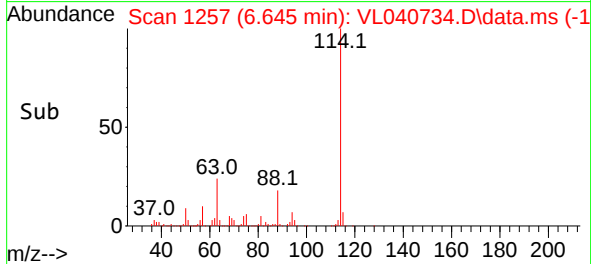
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 114 Resp: 3184210
Ion Ratio Lower Upper
114 100
63 23.9 21.1 31.7
88 17.4 14.5 21.7

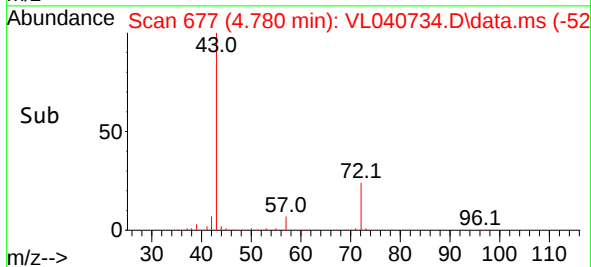
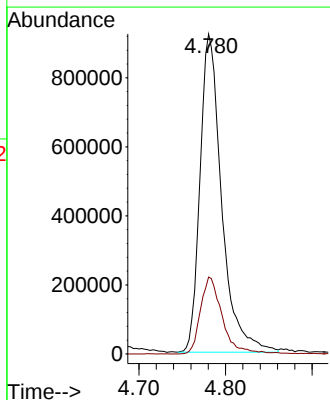
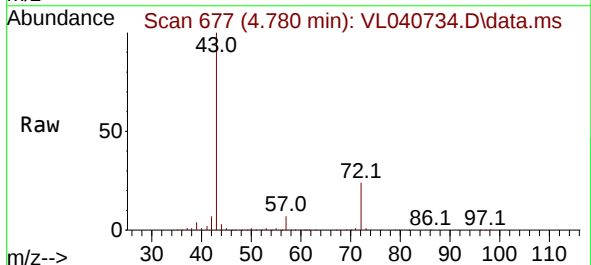
Manual Integrations
APPROVED

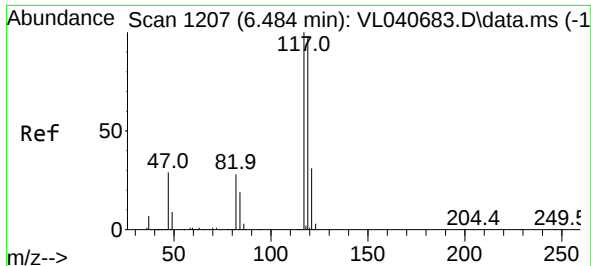
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#34
2-Butanone
Concen: 10.016 ppbv
RT: 4.780 min Scan# 677
Delta R.T. -0.009 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

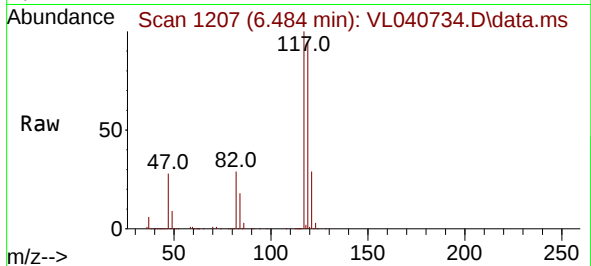
Tgt Ion: 43 Resp: 1603947
Ion Ratio Lower Upper
43 100
72 24.5 18.6 27.8





#35
Carbon Tetrachloride
Concen: 9.359 ppbv
RT: 6.484 min Scan# 117
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

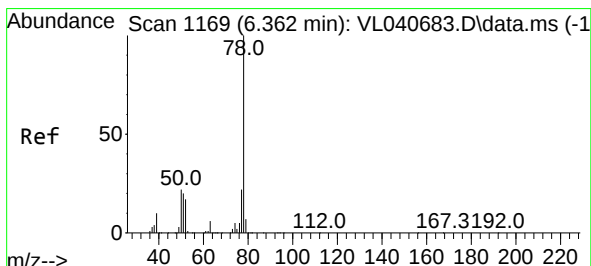
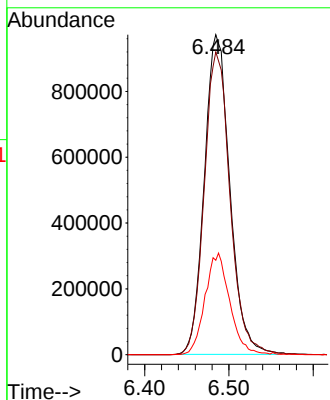
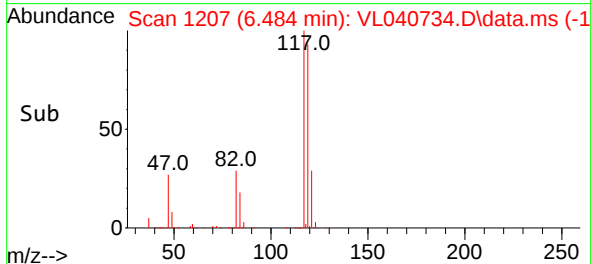
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 204634
Ion Ratio Lower Upper
117 100
119 94.3 78.6 117.8
121 29.5 24.7 37.1

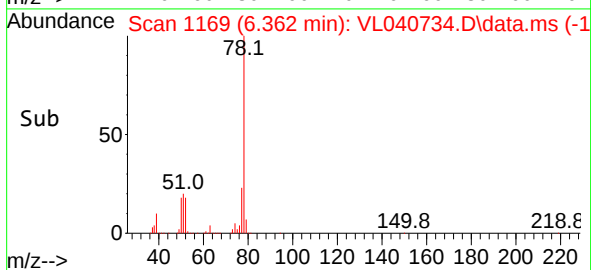
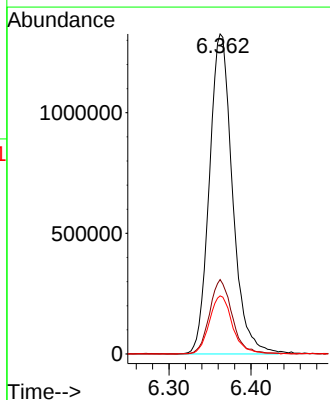
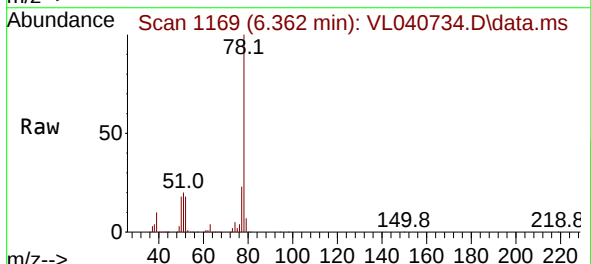
Manual Integrations
APPROVED

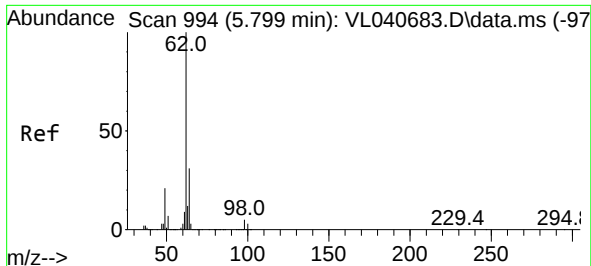
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#36
Benzene
Concen: 11.032 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 78 Resp: 2601193
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9
50 18.1 17.3 25.9





#37

1,2-Dichloroethane

Concen: 9.029 ppbv

RT: 5.800 min Scan# 994

Delta R.T. -0.016 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 145705

Ion Ratio Lower Upper

62 100

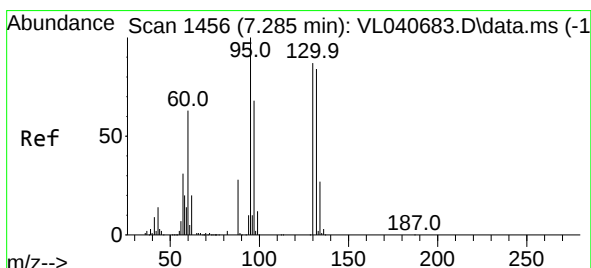
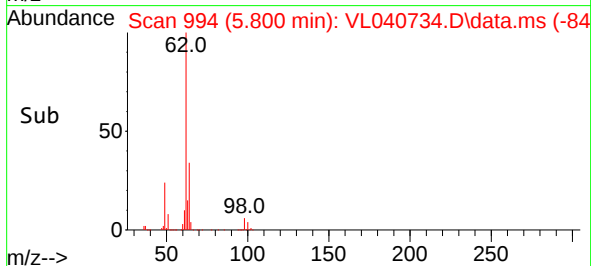
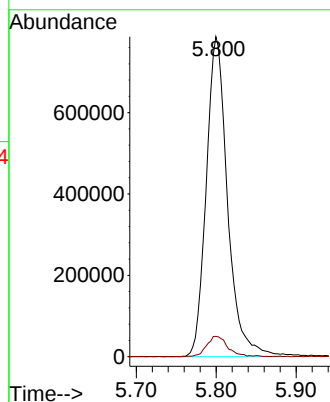
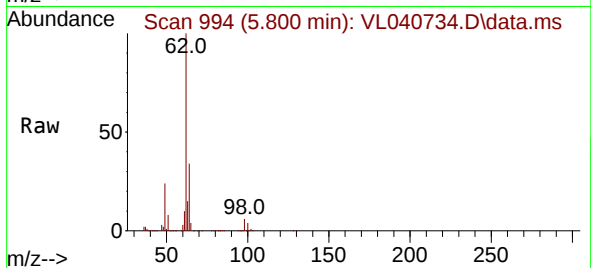
98 6.4 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#38

Trichloroethene

Concen: 11.285 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.019 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Tgt Ion:130 Resp: 1014814

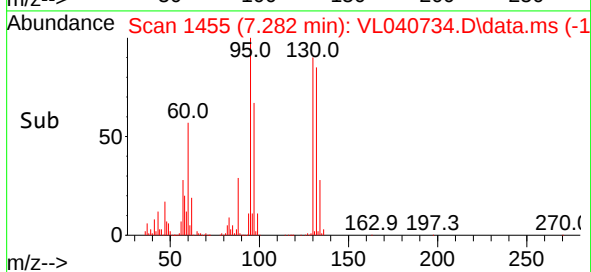
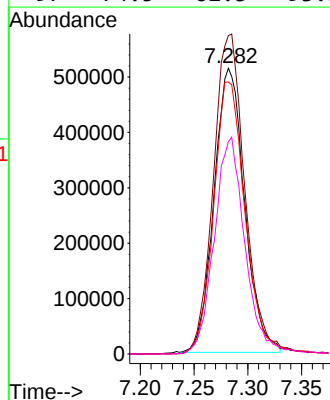
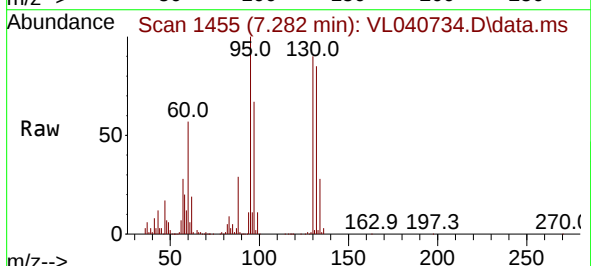
Ion Ratio Lower Upper

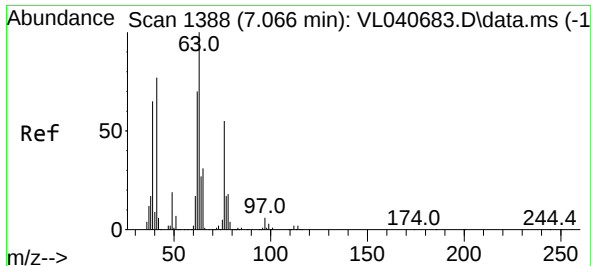
130 100

95 111.8 91.9 137.9

132 95.7 77.3 115.9

97 74.5 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.770 ppbv

RT: 7.063 min Scan# 1387

Delta R.T. -0.019 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

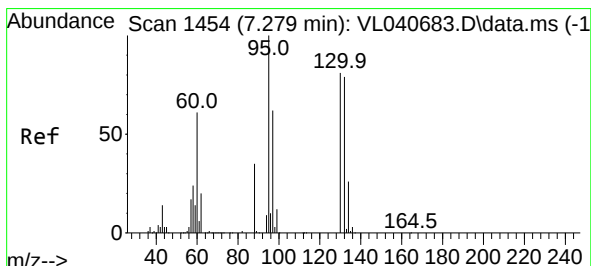
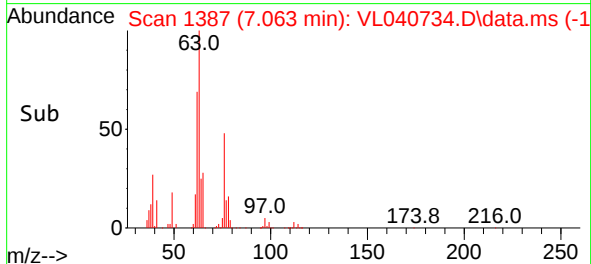
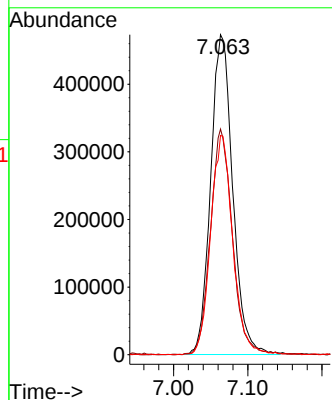
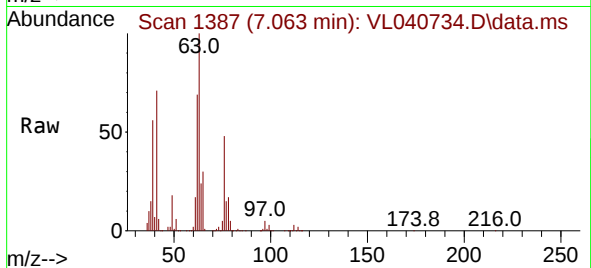
Tgt Ion: 63 Resp: 977475

Ion	Ratio	Lower	Upper
63	100		
41	70.4	61.6	92.4
62	68.4	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#40

1,4-Dioxane

Concen: 11.599 ppbv

RT: 7.272 min Scan# 1452

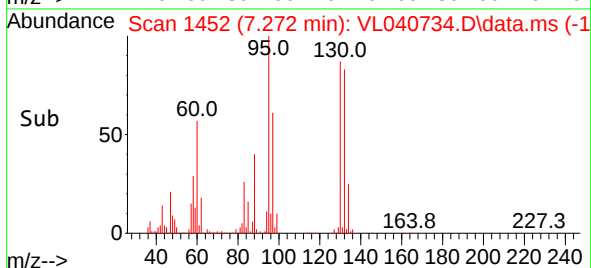
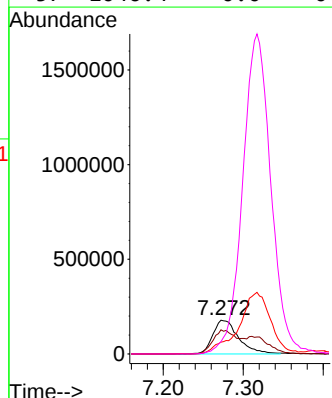
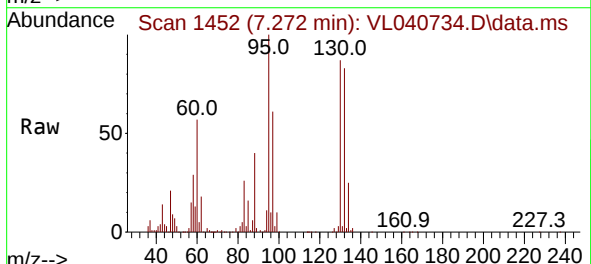
Delta R.T. -0.022 min

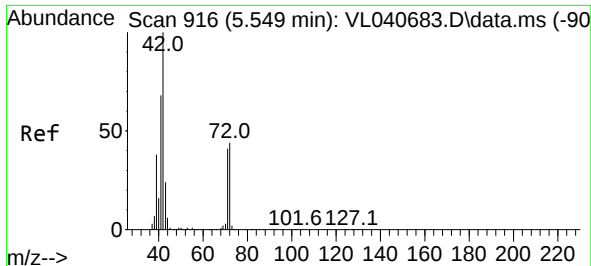
Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Tgt Ion: 88 Resp: 397977

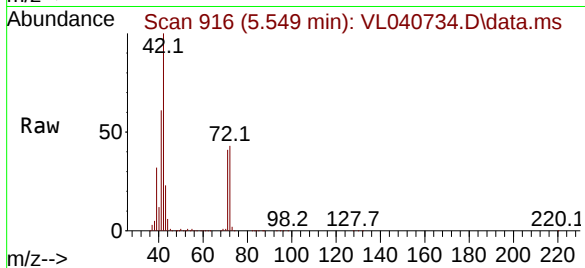
Ion	Ratio	Lower	Upper
88	100		
58	115.0	92.7	139.1
43	226.3	0.0	0.0#
57	1046.4	0.0	0.0#





#41
Tetrahydrofuran
Concen: 11.741 ppbv
RT: 5.549 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

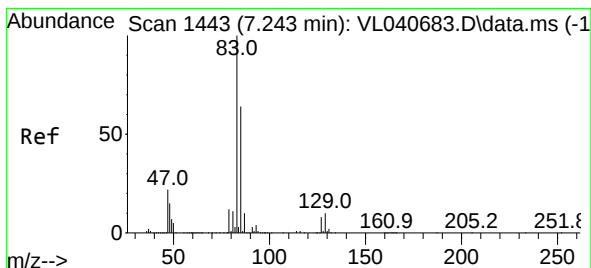
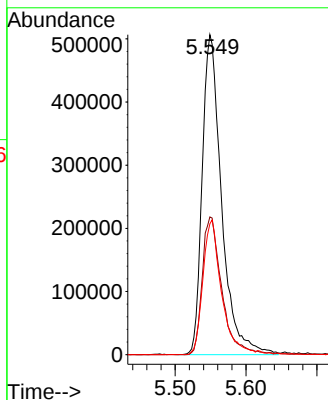
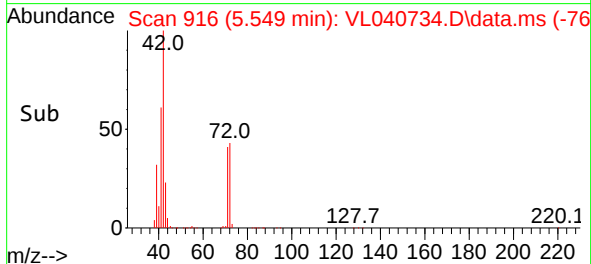
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



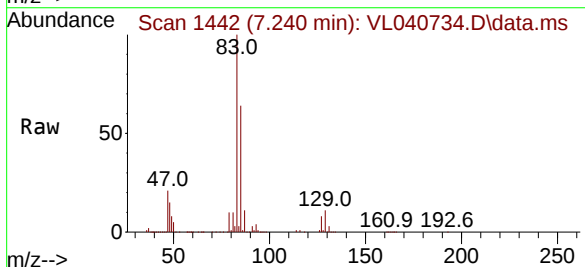
Tgt Ion: 42 Resp: 964104
Ion Ratio Lower Upper
42 100
72 43.6 34.9 52.3
71 41.2 33.8 50.8

Manual Integrations
APPROVED

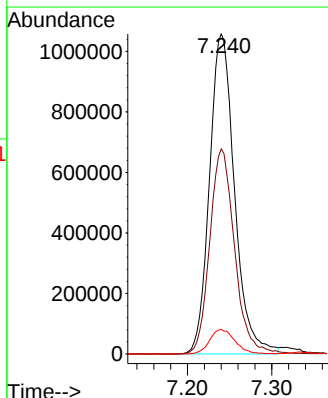
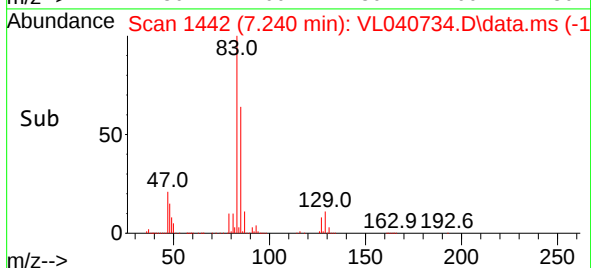
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

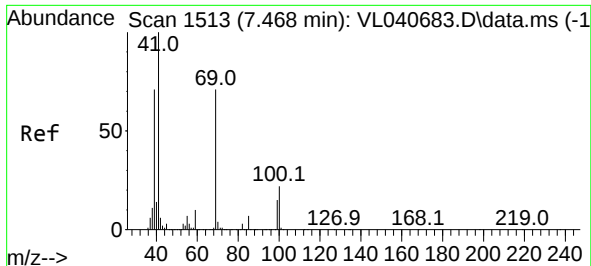


#42
Bromodichloromethane
Concen: 9.923 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



Tgt Ion: 83 Resp: 2184894
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8
127 7.7 6.2 9.4





#43
Methyl Methacrylate
Concen: 11.939 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.016 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

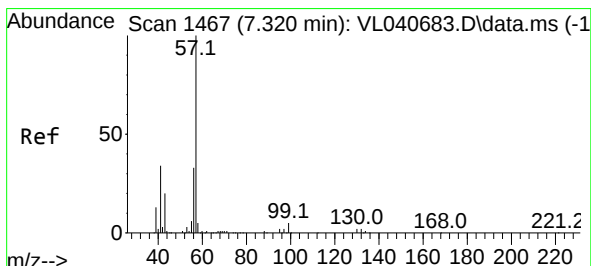
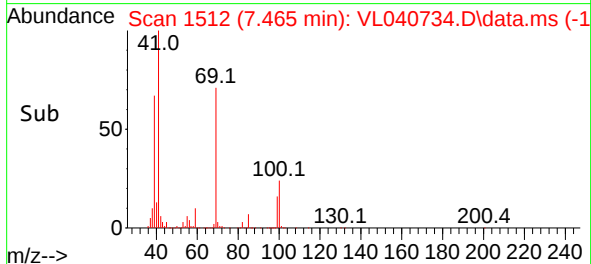
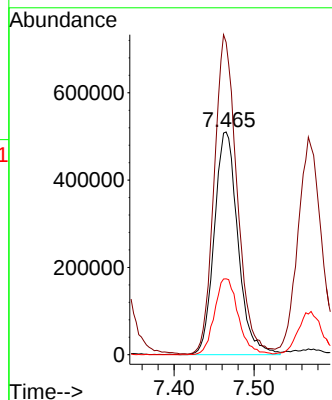
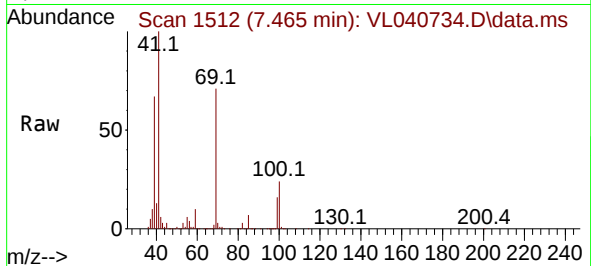
VSTDCCC010

Tgt Ion: 69 Resp: 104640
Ion Ratio Lower Upper
69 100
41 138.7 113.8 170.8
100 34.3 25.4 38.0

Manual Integrations

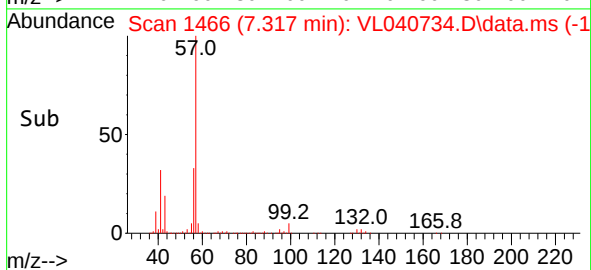
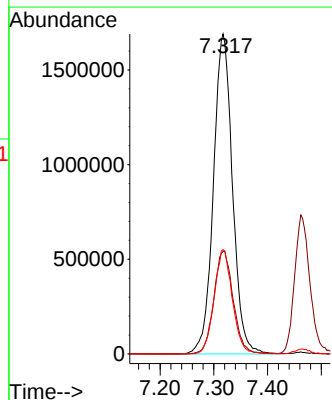
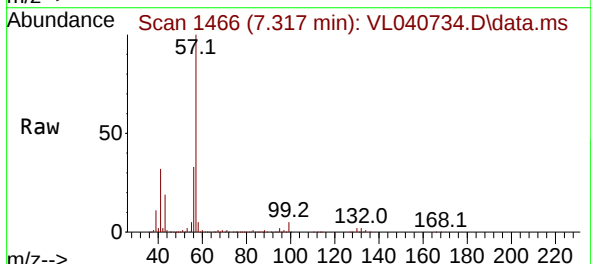
APPROVED

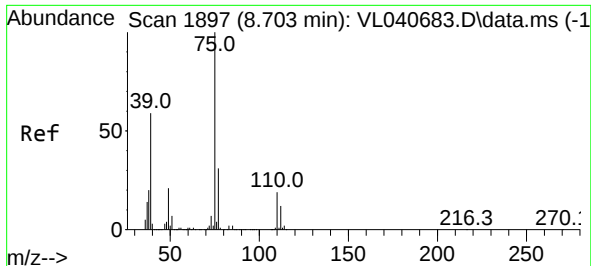
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#44
2,2,4-Trimethylpentane
Concen: 11.091 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 57 Resp: 4164075
Ion Ratio Lower Upper
57 100
41 32.8 28.5 42.7
56 31.3 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 12.593 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 85584

Ion Ratio Lower Upper

75 100

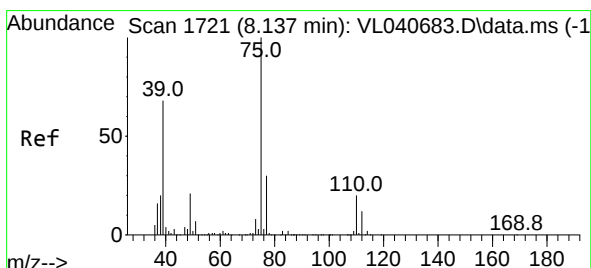
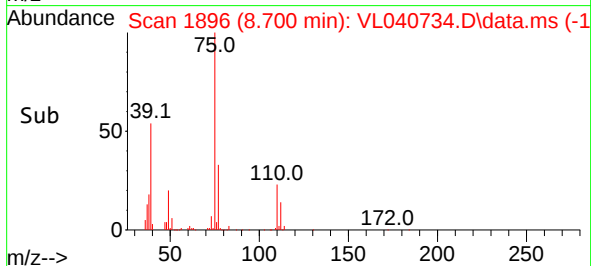
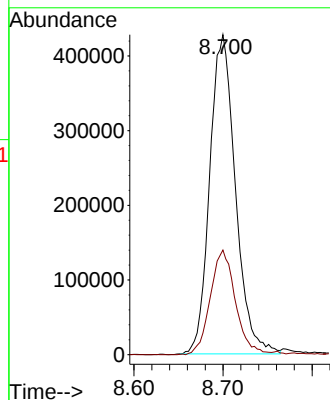
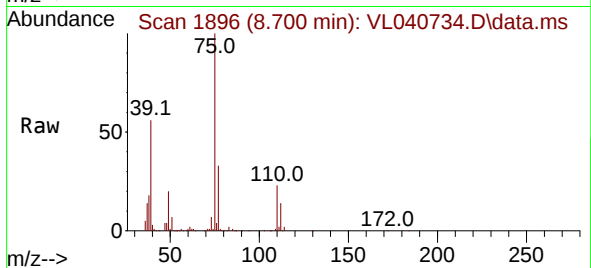
77 32.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#46

cis-1,3-Dichloropropene

Concen: 12.114 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. -0.019 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

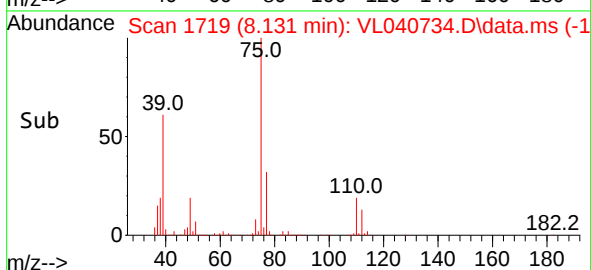
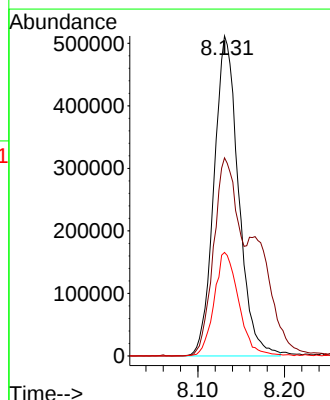
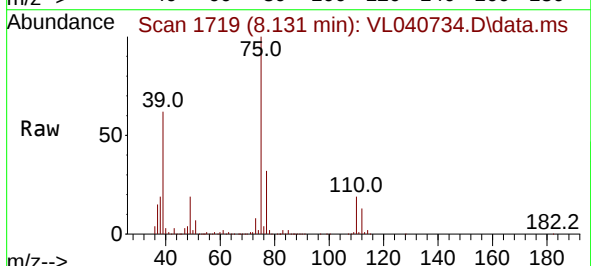
Tgt Ion: 75 Resp: 1007280

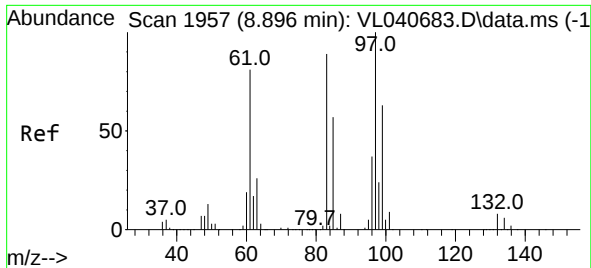
Ion Ratio Lower Upper

75 100

39 61.8 54.0 81.0

77 32.3 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 10.491 ppbv

RT: 8.886 min Scan# 1957

Delta R.T. -0.022 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 109270

Ion Ratio Lower Upper

97 100

83 89.7 70.8 106.2

85 59.3 45.7 68.5

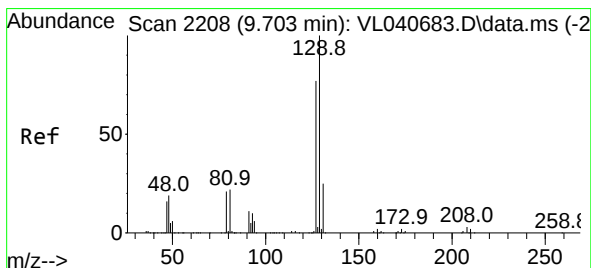
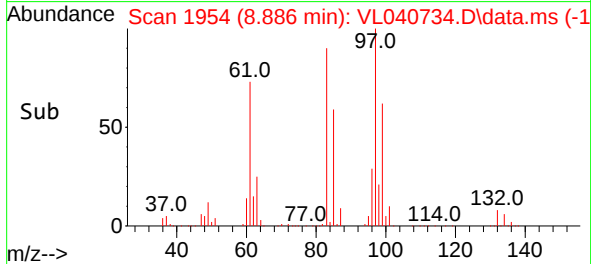
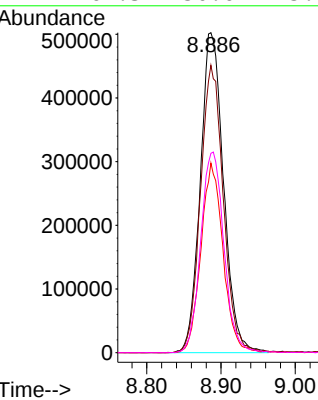
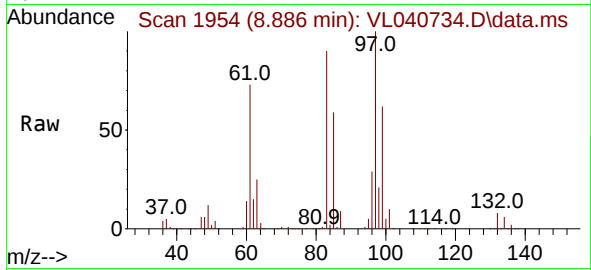
99 62.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#48

Dibromochloromethane

Concen: 10.930 ppbv

RT: 9.697 min Scan# 2206

Delta R.T. -0.026 min

Lab File: VL040734.D

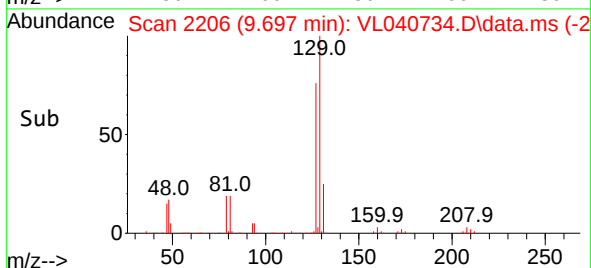
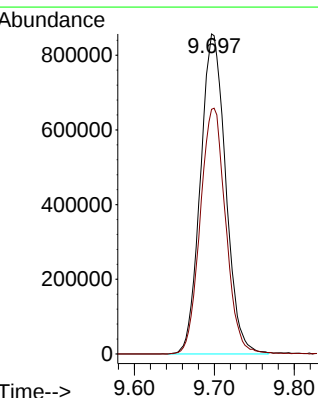
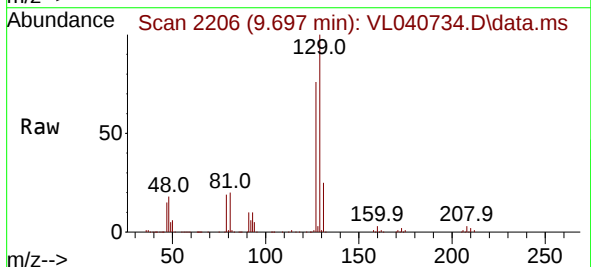
Acq: 4 Oct 2023 10:00

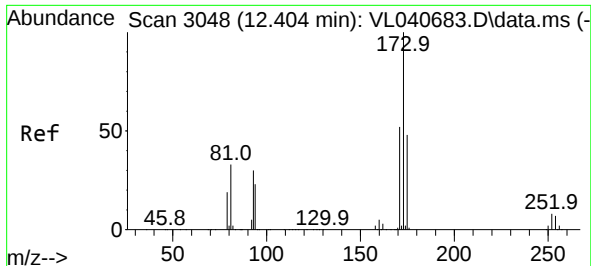
Tgt Ion:129 Resp: 1878104

Ion Ratio Lower Upper

129 100

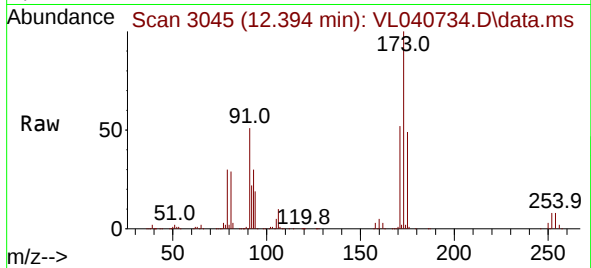
127 77.3 39.4 118.2





#49
Bromoform
Concen: 10.921 ppbv
RT: 12.394 min Scan# 3048
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

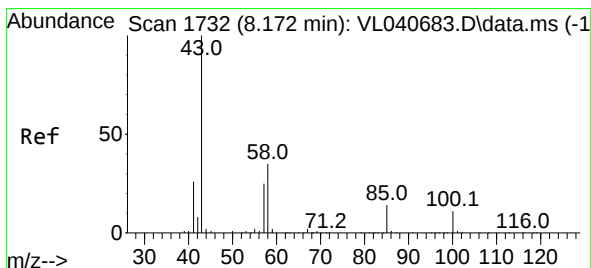
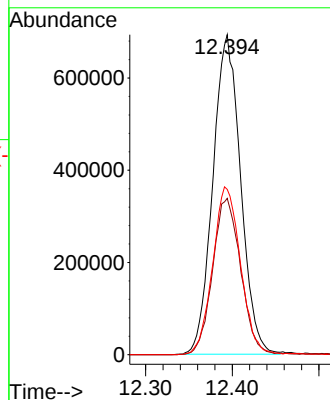
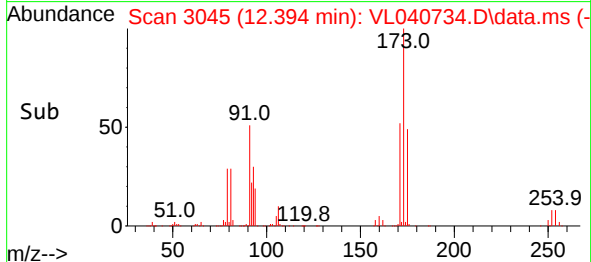
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1541070
Ion Ratio Lower Upper
173 100
175 49.9 38.8 58.2
171 53.2 42.2 63.2

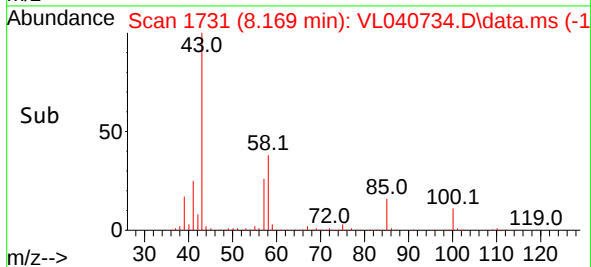
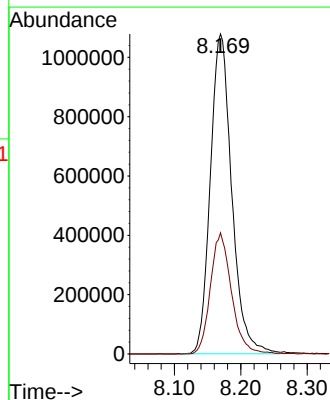
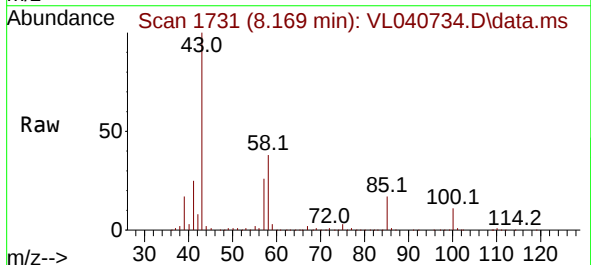
Manual Integrations
APPROVED

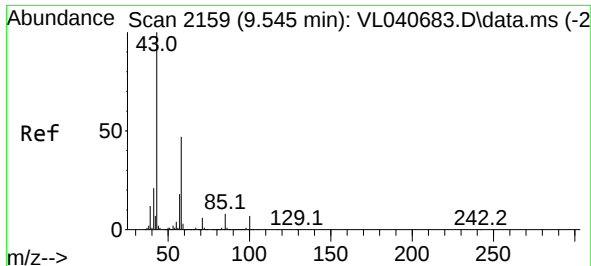
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#50
4-Methyl-2-Pentanone
Concen: 11.184 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

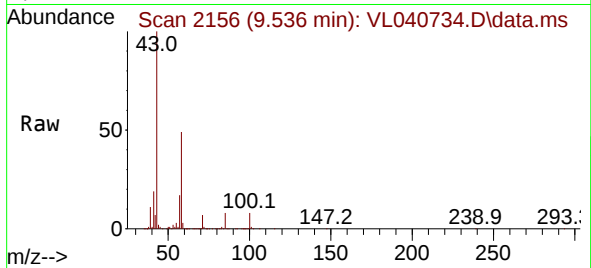
Tgt Ion: 43 Resp: 2420155
Ion Ratio Lower Upper
43 100
58 37.4 28.2 42.4





#51
2-Hexanone
Concen: 11.915 ppbv
RT: 9.536 min Scan# 2159
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

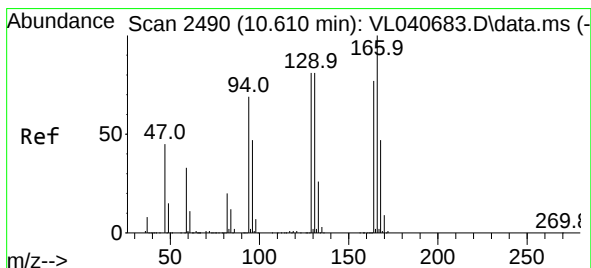
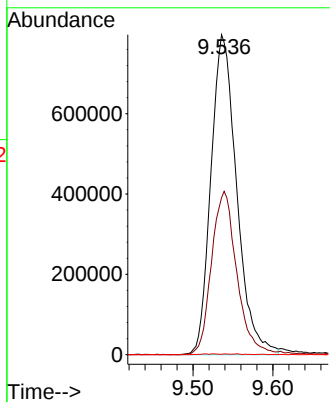
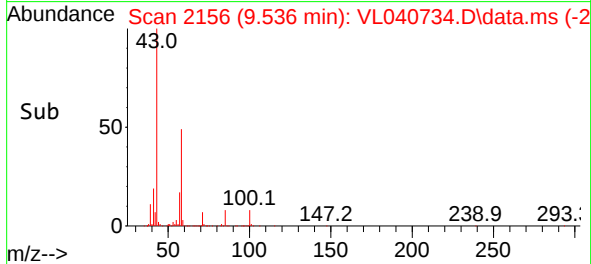
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1779604
Ion Ratio Lower Upper
43 100
58 50.7 37.6 56.4
98 0.2 0.6 1.0

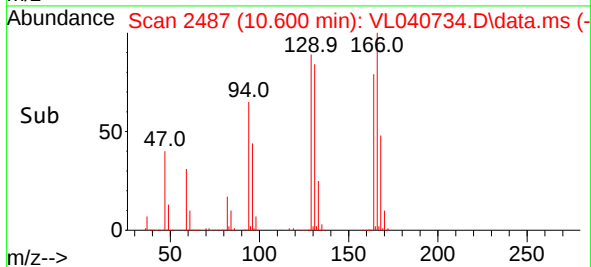
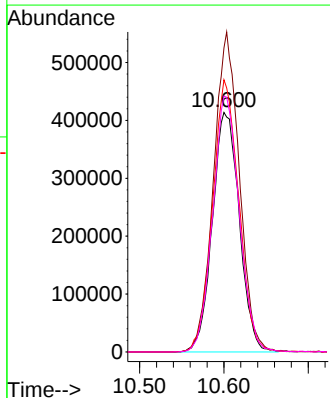
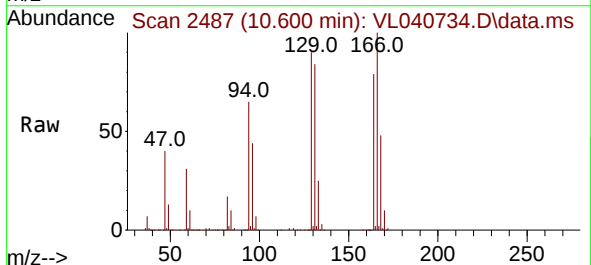
Manual Integrations
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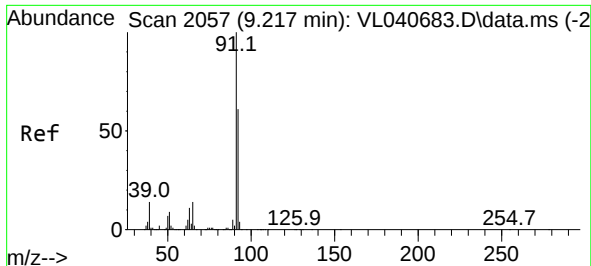
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#52
Tetrachloroethene
Concen: 11.908 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:164 Resp: 915946
Ion Ratio Lower Upper
164 100
166 126.8 103.4 155.2
129 113.5 83.5 125.3
131 106.8 83.4 125.0





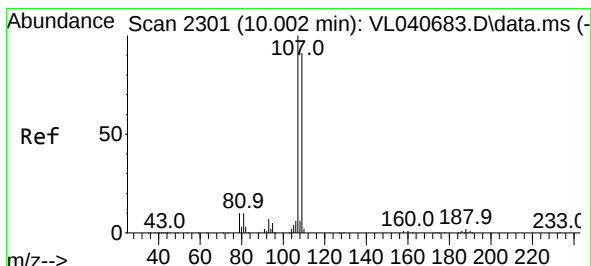
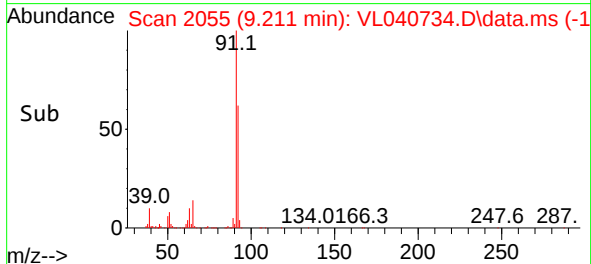
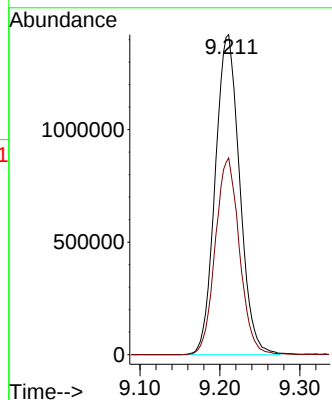
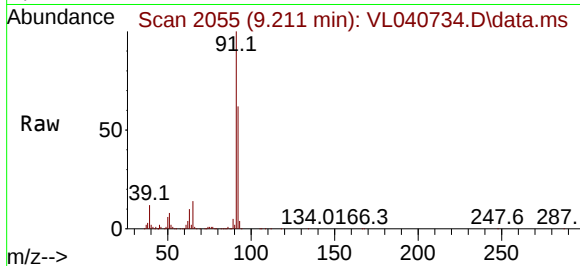
#53
Toluene
Concen: 12.114 ppbv
RT: 9.211 min Scan# 2057
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 301559
Ion Ratio Lower Upper
91 100
92 60.9 48.5 72.7

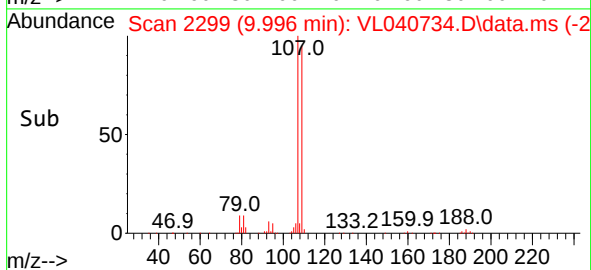
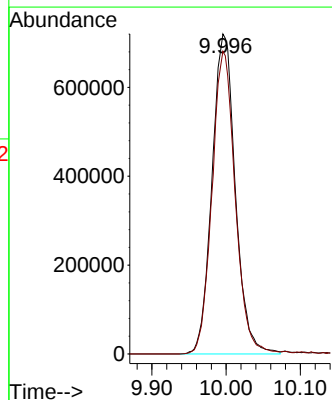
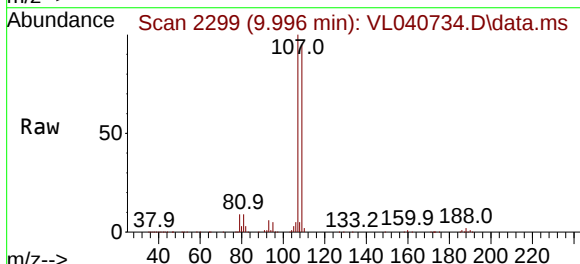
Manual Integrations
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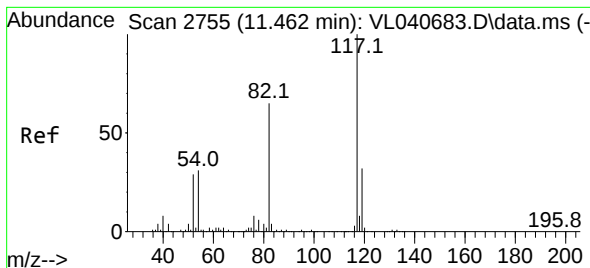
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#54
1,2-Dibromoethane
Concen: 11.835 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

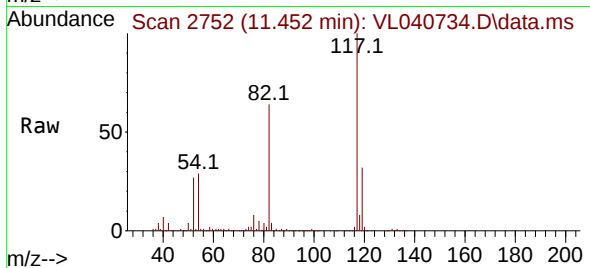
Tgt Ion:107 Resp: 1573443
Ion Ratio Lower Upper
107 100
109 94.6 72.4 108.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 2755
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

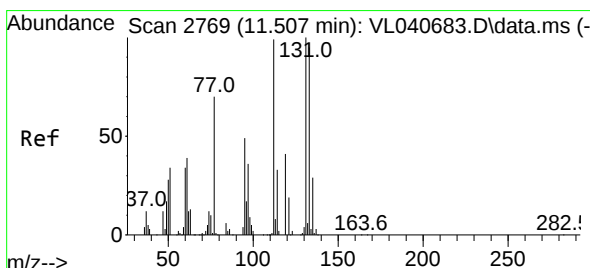
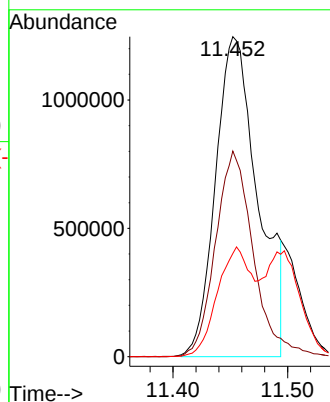
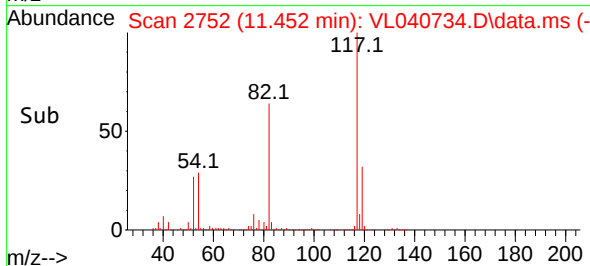
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



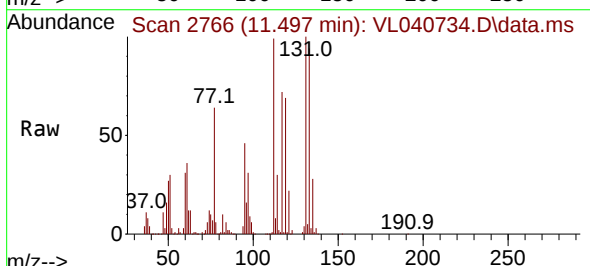
Tgt Ion:117 Resp: 320923
Ion Ratio Lower Upper
117 100
82 57.7 51.4 77.0
119 27.0 24.7 37.1

Manual Integrations
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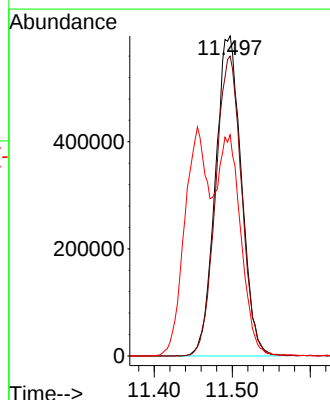
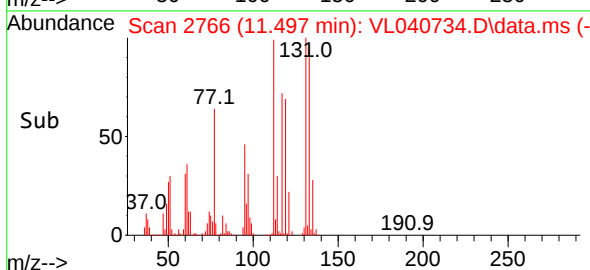
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

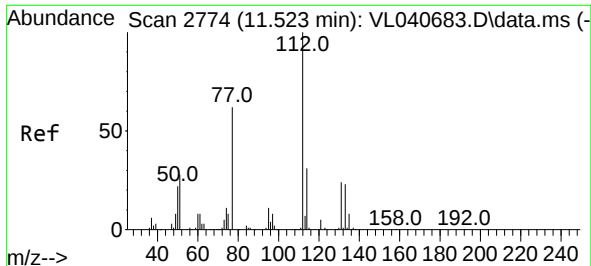


#56
1,1,1,2-Tetrachloroethane
Concen: 9.082 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



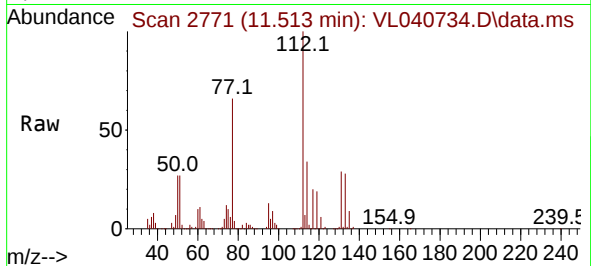
Tgt Ion:131 Resp: 1389343
Ion Ratio Lower Upper
131 100
133 93.8 76.2 114.2
119 58.9 45.5 68.3





#57
Chlorobenzene
Concen: 9.577 ppbv
RT: 11.513 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

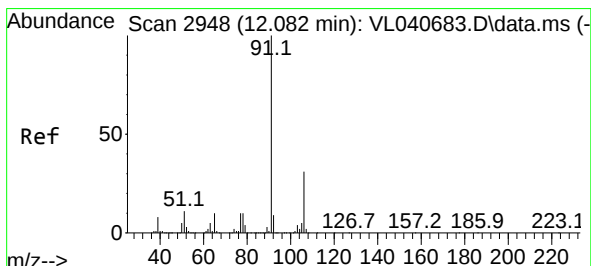
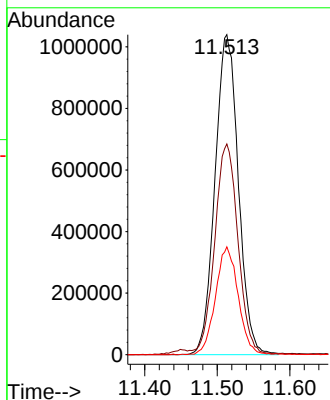
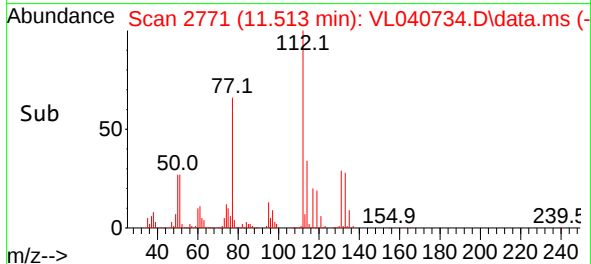
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 232736
Ion Ratio Lower Upper
112 100
77 65.6 50.8 76.2
114 33.7 28.2 34.4

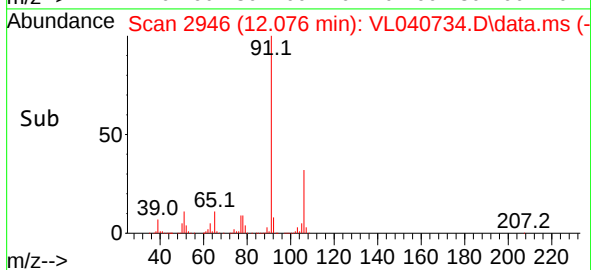
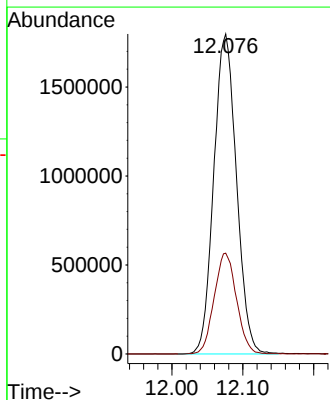
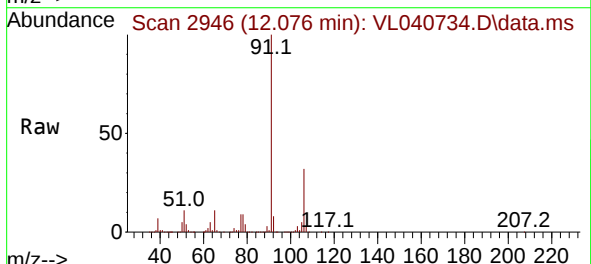
Manual Integrations
APPROVED

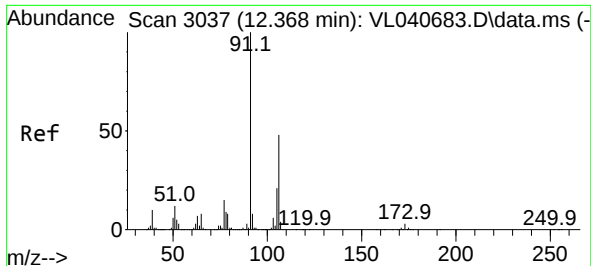
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#58
Ethyl Benzene
Concen: 10.917 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 91 Resp: 3994304
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1





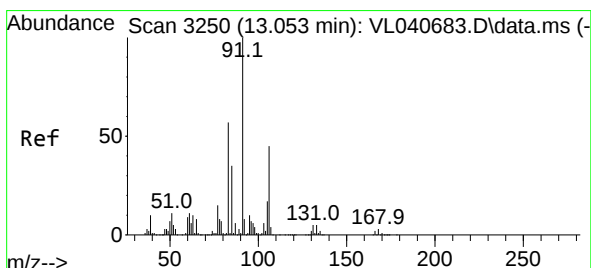
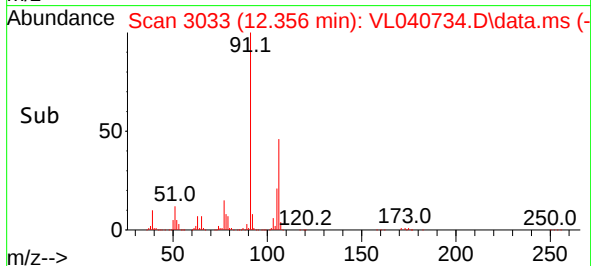
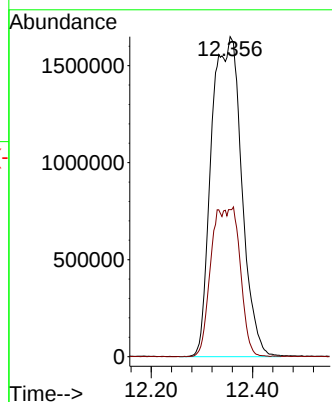
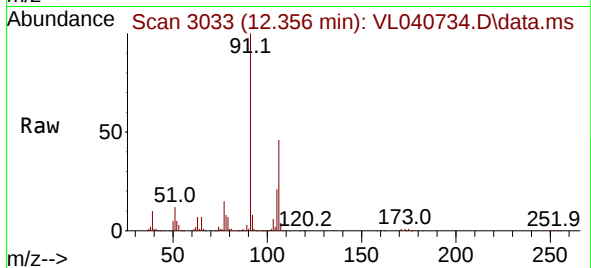
#59
m/p-Xylene
Concen: 19.841 ppbv m
RT: 12.356 min Scan# 3033
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 681693
Ion Ratio Lower Upper
91 100
106 44.7 34.8 52.2

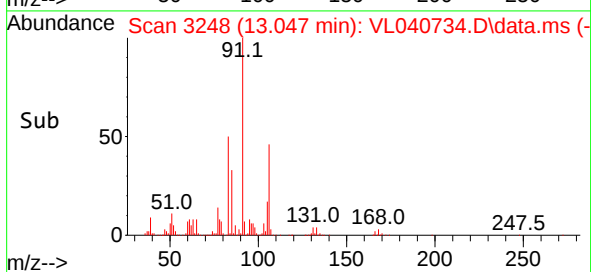
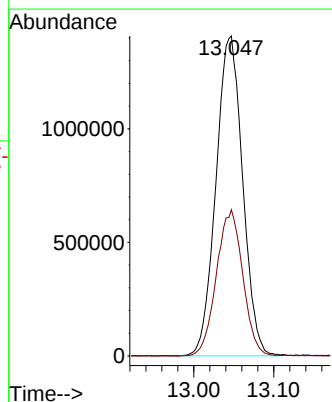
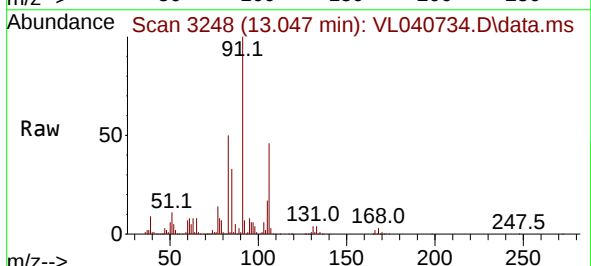
Manual Integrations
APPROVED

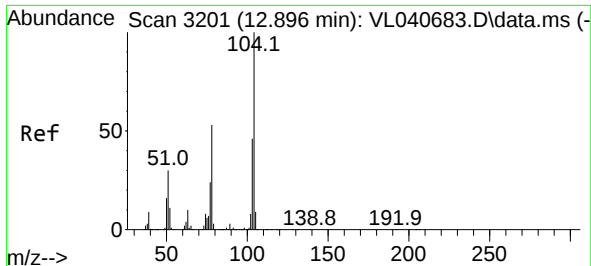
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#60
o-Xylene
Concen: 9.950 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 91 Resp: 3260185
Ion Ratio Lower Upper
91 100
106 45.3 22.3 66.9





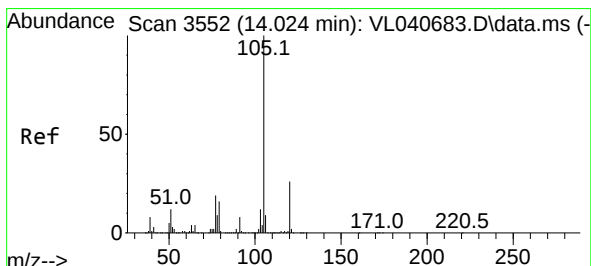
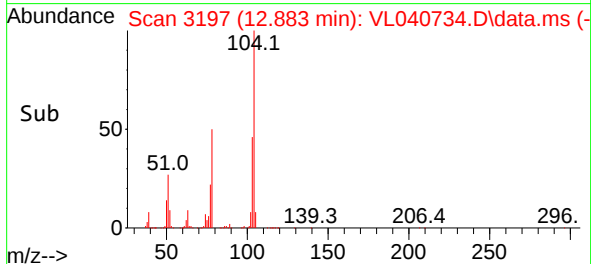
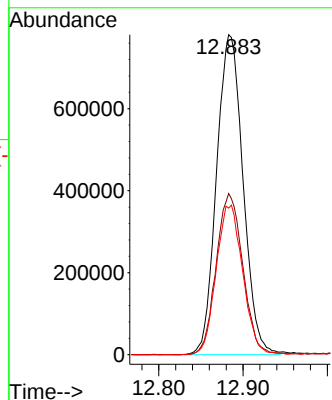
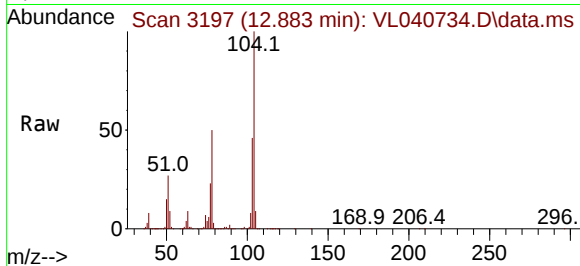
#61
Styrene
Concen: 12.399 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1702672
Ion Ratio Lower Upper
104 100
78 50.8 43.4 65.0
103 47.1 37.2 55.8

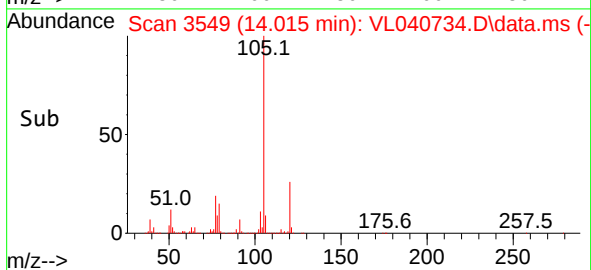
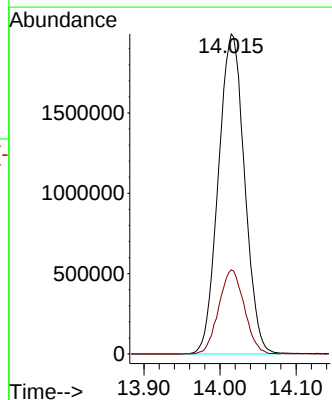
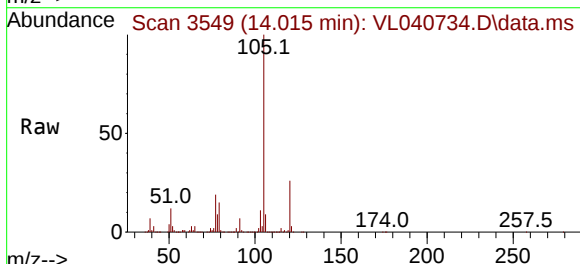
Manual Integrations
APPROVED

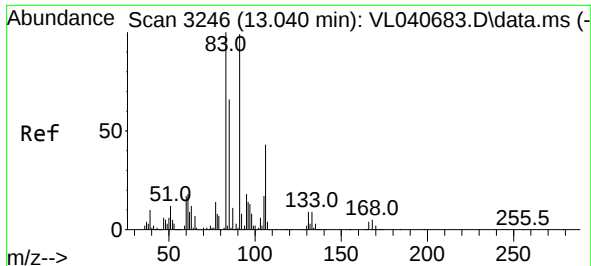
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#62
Isopropylbenzene
Concen: 9.622 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:105 Resp: 4760171
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.4





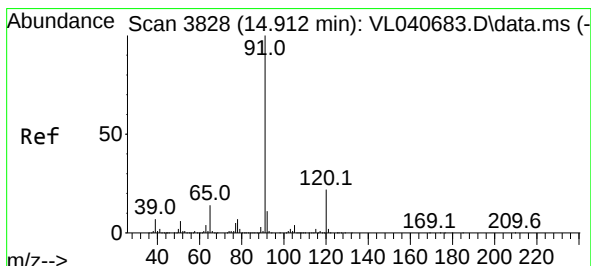
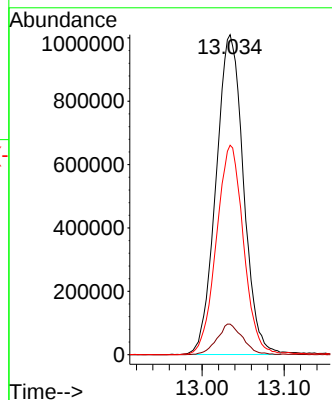
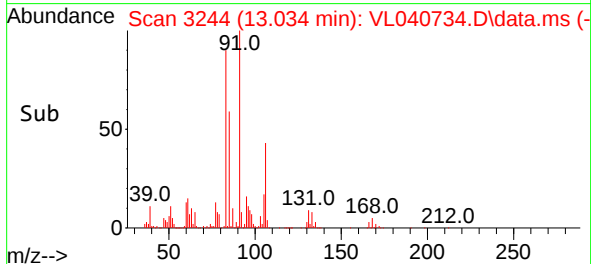
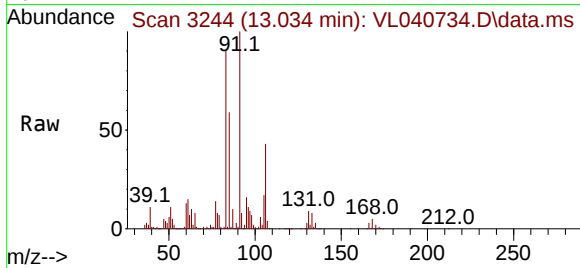
#63
1,1,2,2-Tetrachloroethane
Concen: 9.138 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 234667
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.1
85 65.7 33.1 99.3

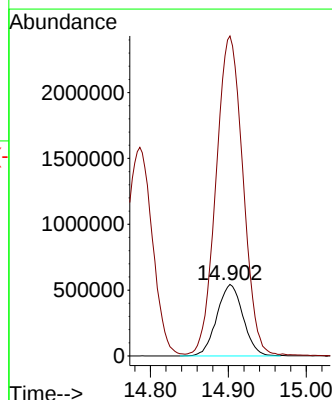
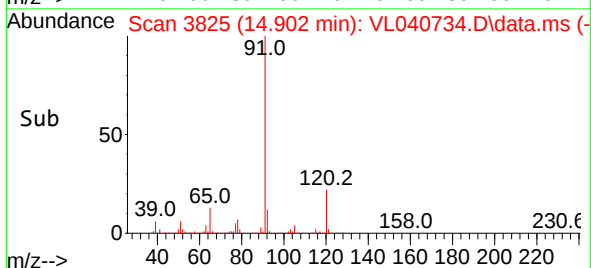
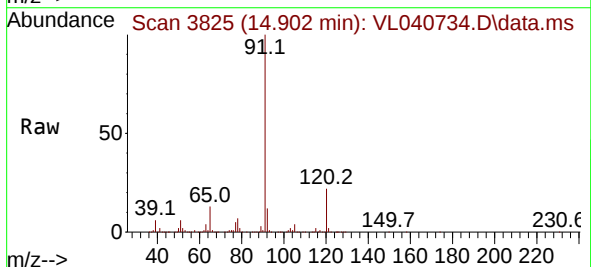
Manual Integrations
APPROVED

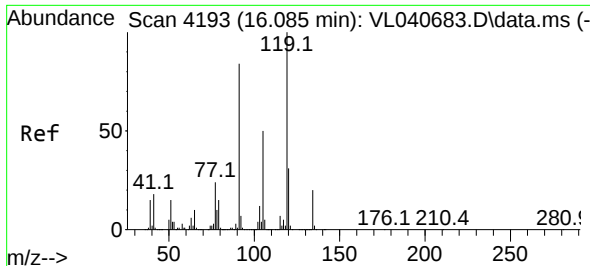
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#64
n-propylbenzene
Concen: 10.244 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

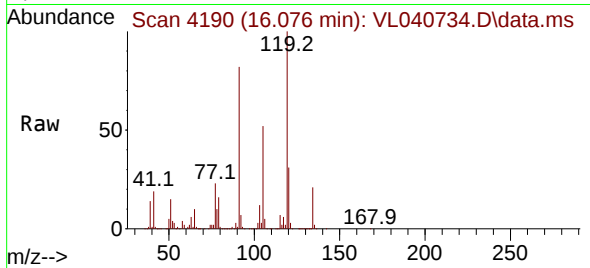
Tgt Ion:120 Resp: 1267127
Ion Ratio Lower Upper
120 100
91 464.1 386.9 580.3





#65
tert-Butylbenzene
Concen: 9.450 ppbv
RT: 16.076 min Scan# 4193
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

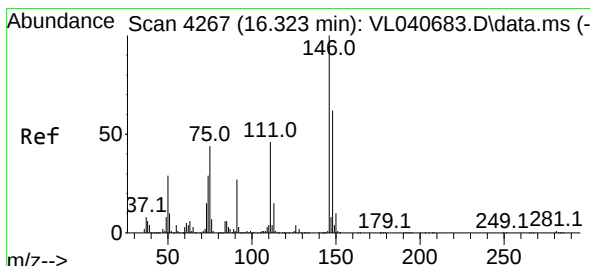
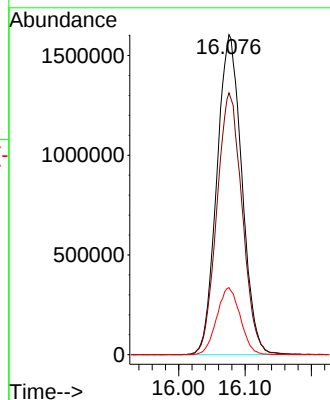
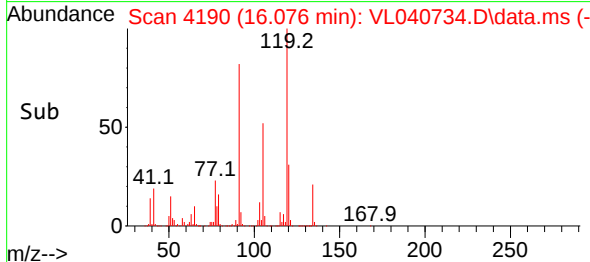
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 119 Resp: 4196000
Ion Ratio Lower Upper
119 100
91 83.1 69.8 104.8
134 19.7 15.4 23.2

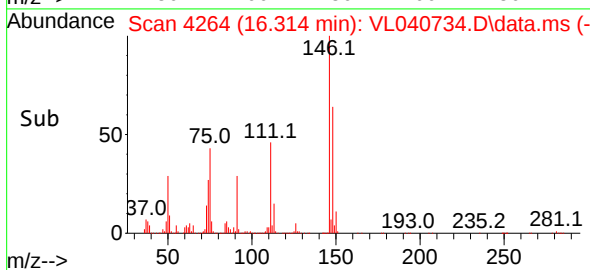
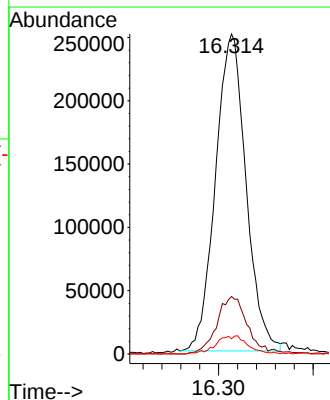
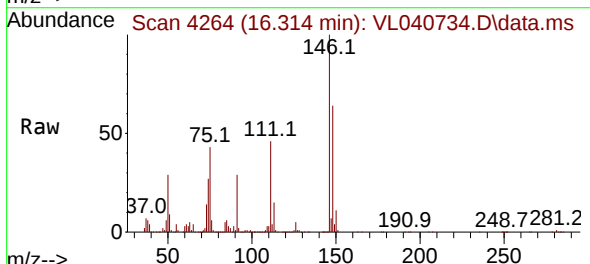
Manual Integrations
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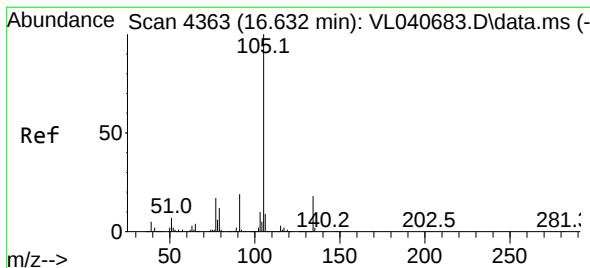
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#66
Benzyl Chloride
Concen: 10.825 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

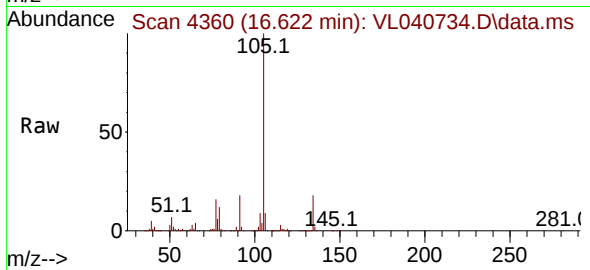
Tgt Ion: 91 Resp: 560937
Ion Ratio Lower Upper
91 100
126 18.6 13.6 20.4
128 6.0 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.329 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

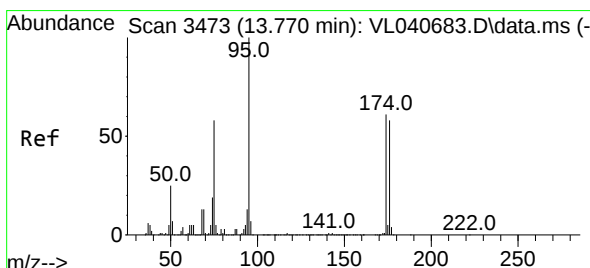
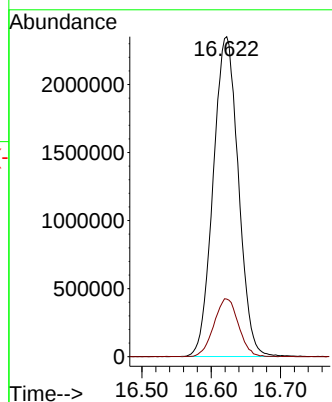
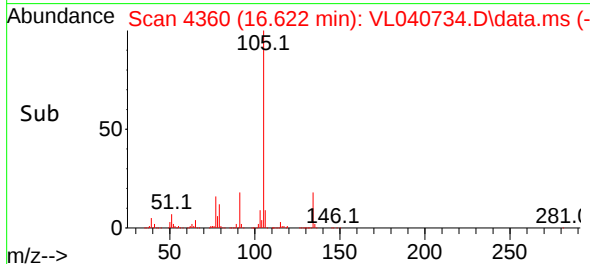
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 592969
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.1 21.1

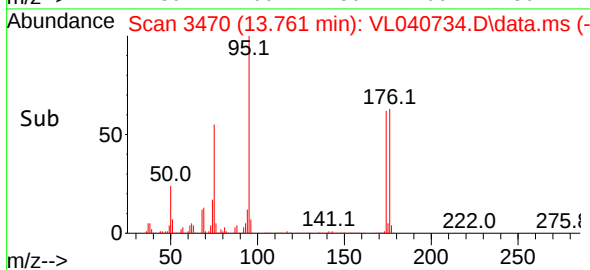
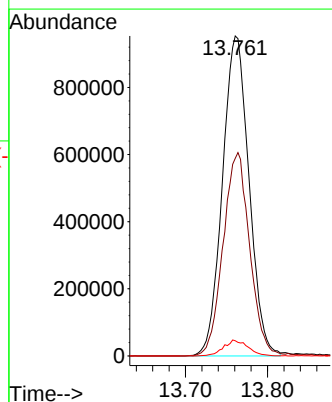
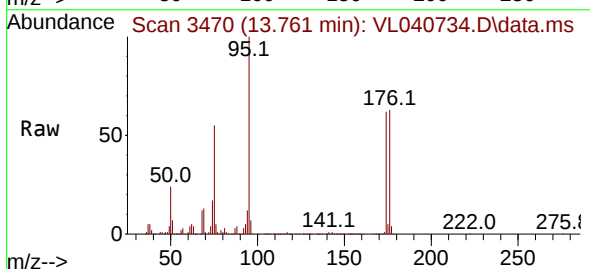
Manual Integrations
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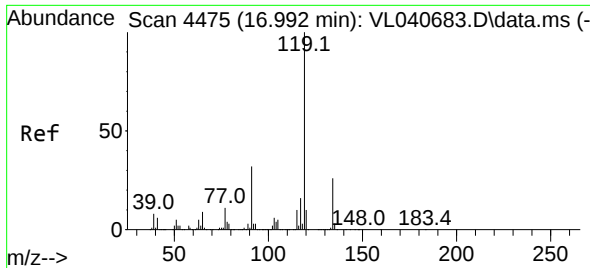
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.659 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.026 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Tgt Ion: 95 Resp: 2147097
 Ion Ratio Lower Upper
 95 100
 174 64.3 48.9 73.3
 175 4.6 3.5 5.3





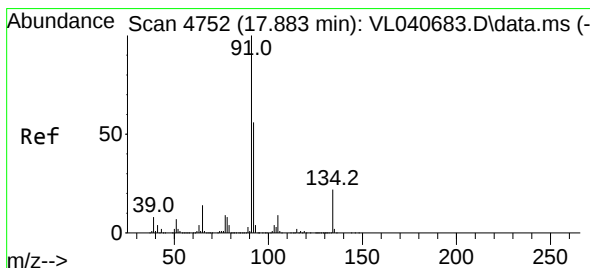
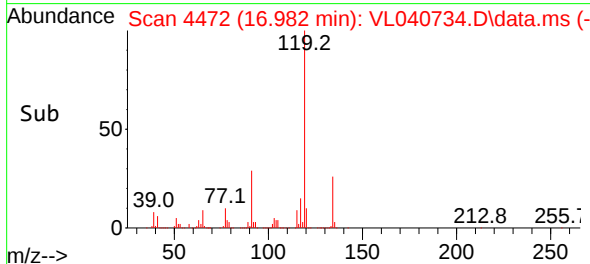
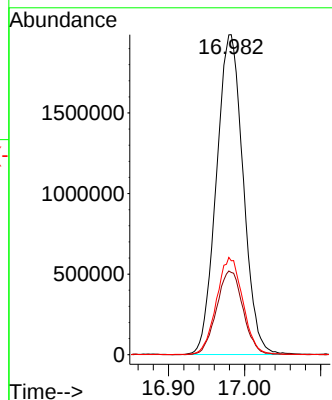
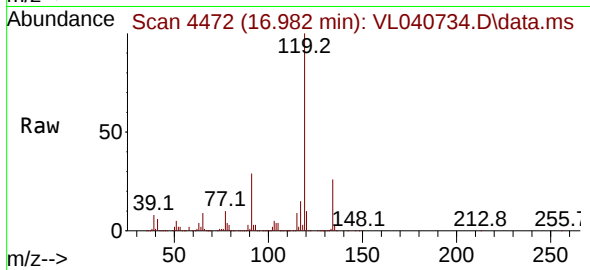
#69
p-Isopropyltoluene
Concen: 9.705 ppbv
RT: 16.982 min Scan# 4475
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 484837
Ion Ratio Lower Upper
119 100
134 26.0 20.2 30.2
91 30.1 25.0 37.6

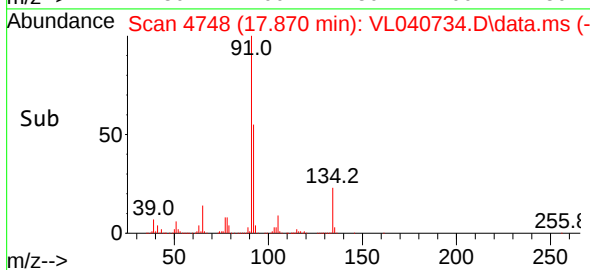
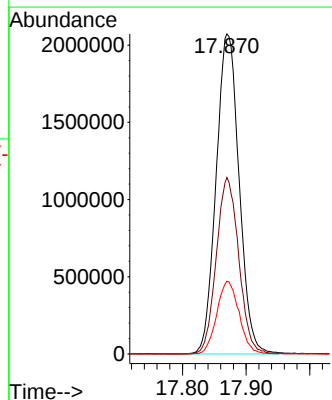
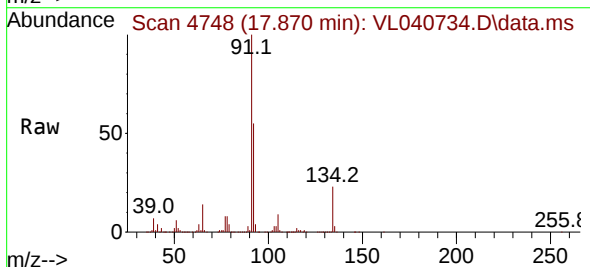
Manual Integrations
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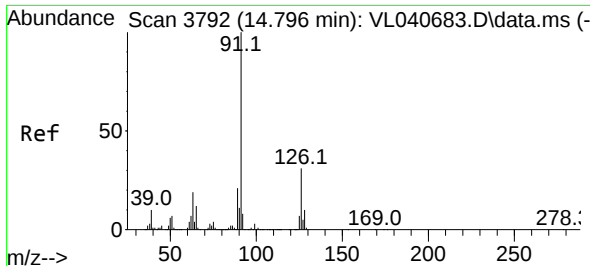
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#70
n-Butylbenzene
Concen: 9.457 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 91 Resp: 5199708
Ion Ratio Lower Upper
91 100
92 53.9 42.7 64.1
134 22.1 17.0 25.4





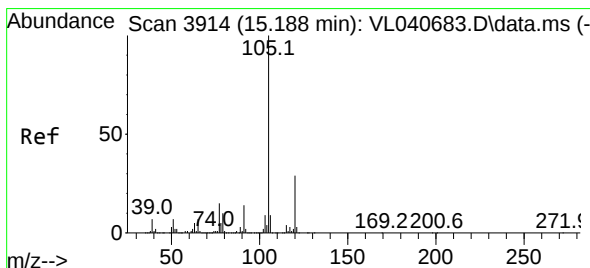
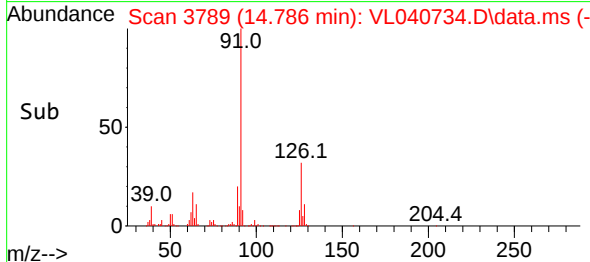
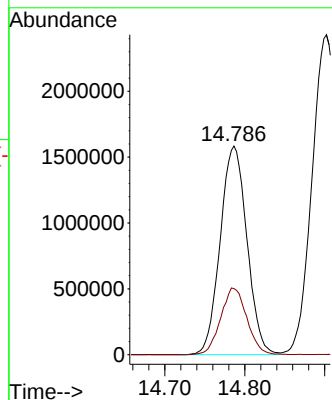
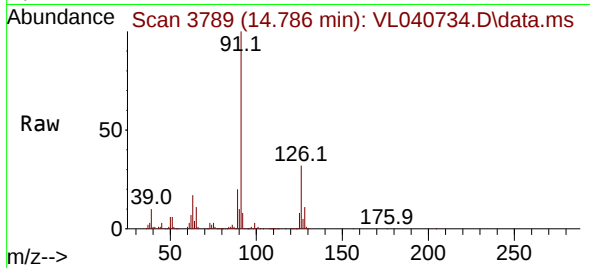
#71
2-Chlorotoluene
Concen: 10.051 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3678740
Ion Ratio Lower Upper
91 100
126 31.4 12.0 47.8

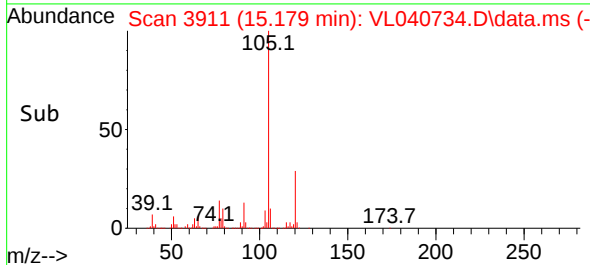
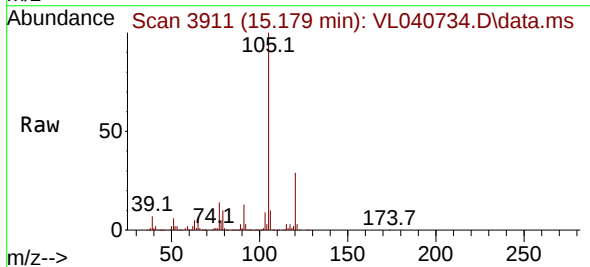
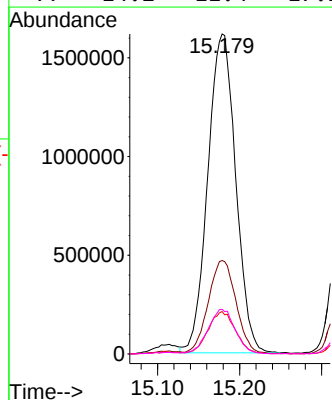
Manual Integrations
APPROVED

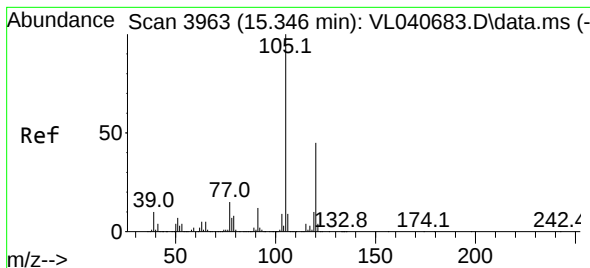
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#72
4-Ethyltoluene
Concen: 10.405 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

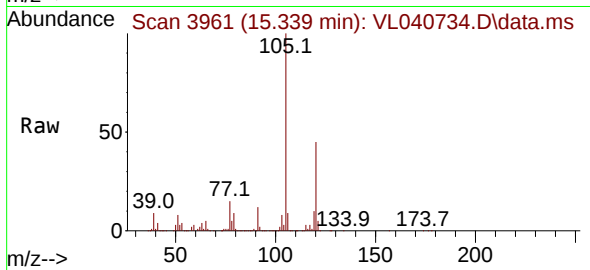
Tgt Ion:105 Resp: 3823248
Ion Ratio Lower Upper
105 100
120 30.2 23.9 35.9
91 13.1 11.0 16.4
77 14.2 11.4 17.2





#73
1,3,5-Trimethylbenzene
Concen: 9.948 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

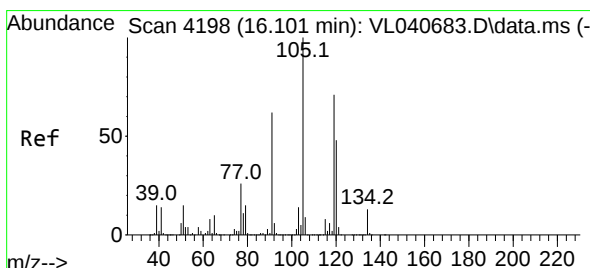
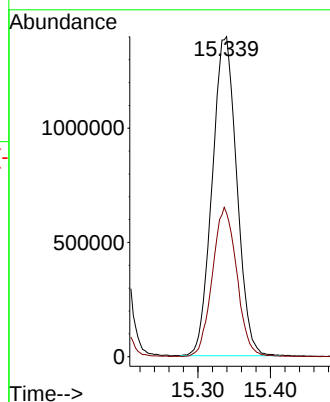
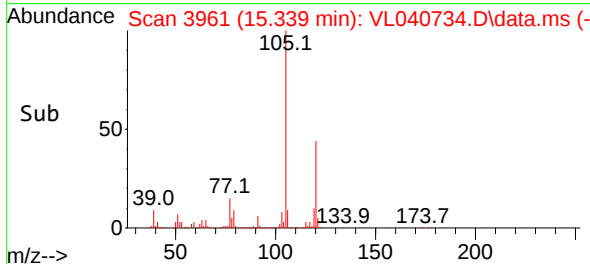
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



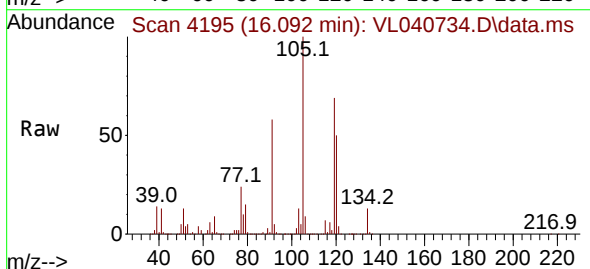
Tgt Ion:105 Resp: 329138
Ion Ratio Lower Upper
105 100
120 44.8 36.1 54.1

Manual Integrations
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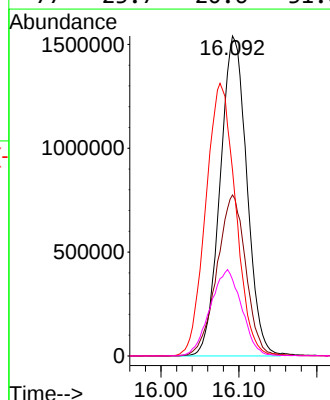
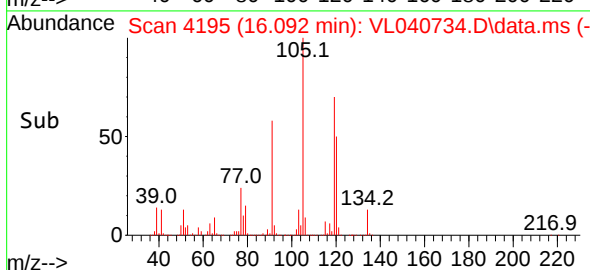
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

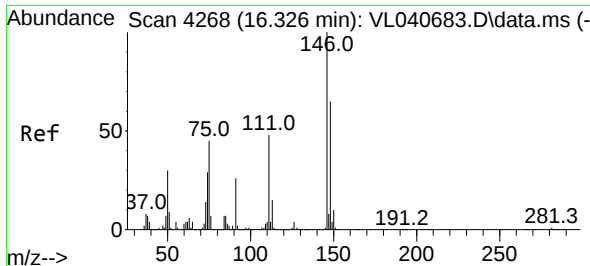


#74
1,2,4-Trimethylbenzene
Concen: 9.081 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



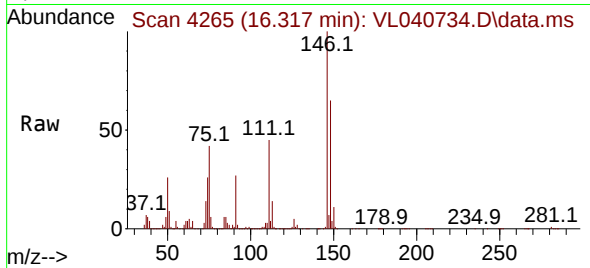
Tgt Ion:105 Resp: 3662459
Ion Ratio Lower Upper
105 100
120 50.1 38.6 57.8
91 57.7 50.0 75.0
77 23.7 20.6 31.0





#75
1,3-Dichlorobenzene
Concen: 9.489 ppbv
RT: 16.317 min Scan# 4310
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

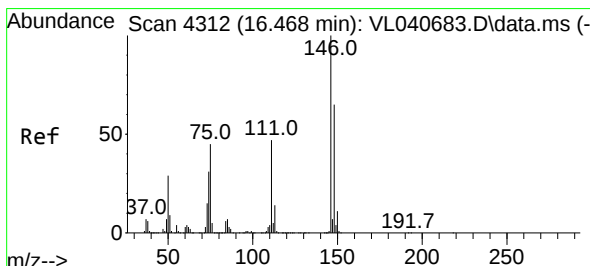
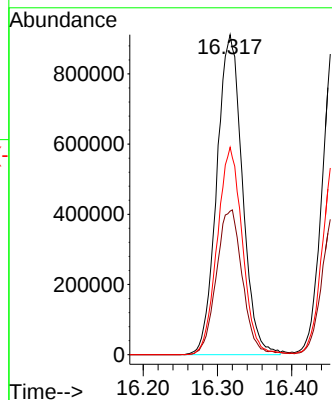
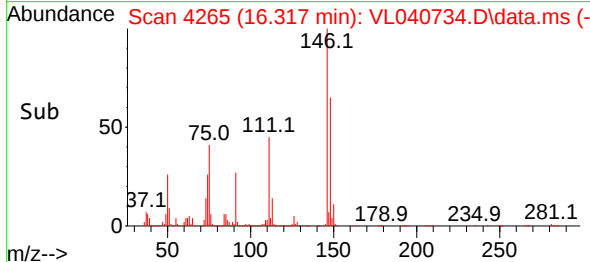
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



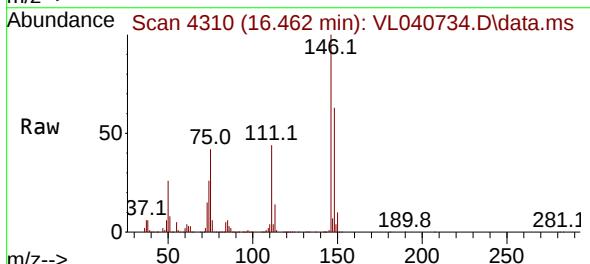
Tgt Ion:146 Resp: 2180710
Ion Ratio Lower Upper
146 100
111 46.3 23.9 71.7
148 63.8 31.8 95.4

Manual Integrations
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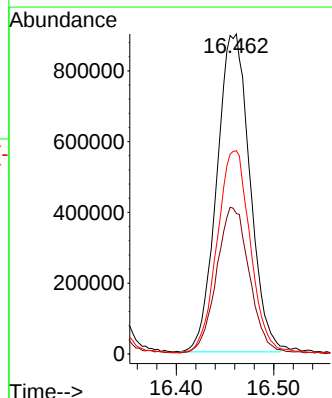
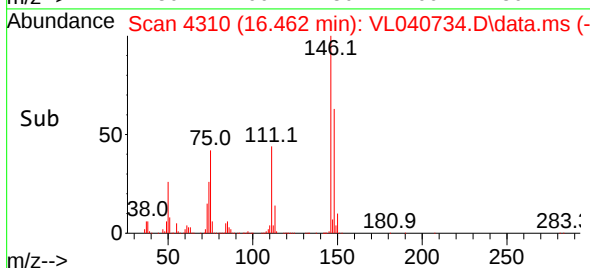
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

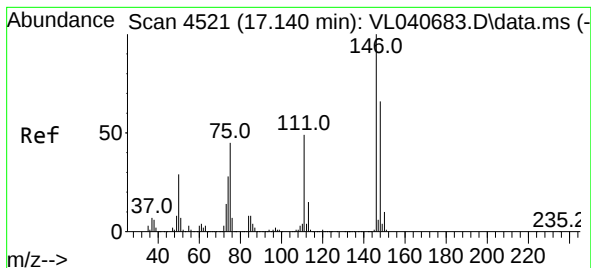


#76
1,4-Dichlorobenzene
Concen: 9.358 ppbv
RT: 16.462 min Scan# 4310
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



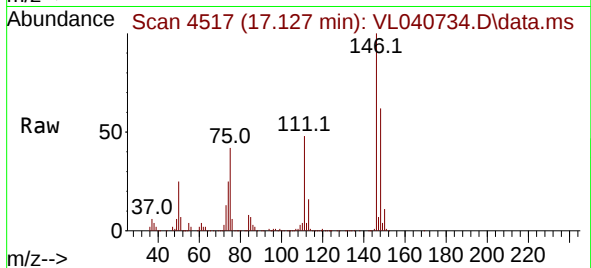
Tgt Ion:146 Resp: 2115924
Ion Ratio Lower Upper
146 100
111 46.3 23.8 71.2
148 65.2 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 9.105 ppbv
RT: 17.127 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

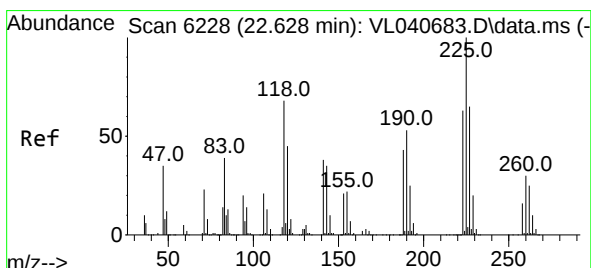
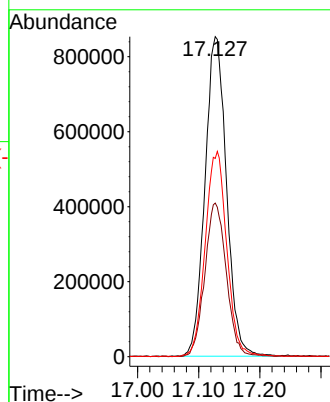
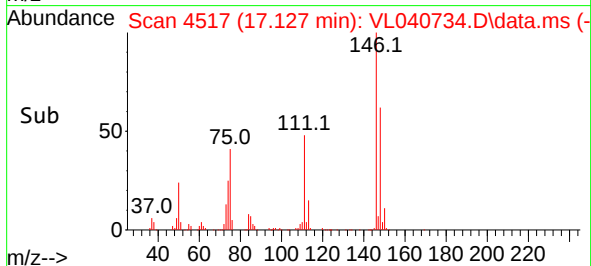
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



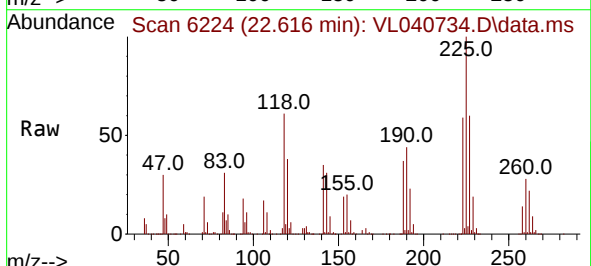
Tgt Ion:146 Resp: 208397
Ion Ratio Lower Upper
146 100
111 48.5 25.0 75.0
148 64.3 32.4 97.0

Manual Integrations
APPROVED

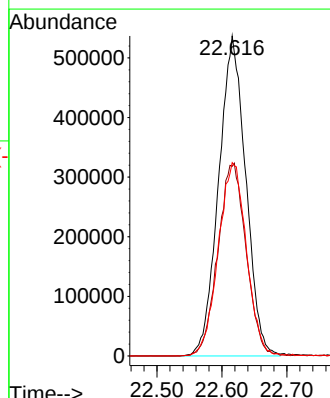
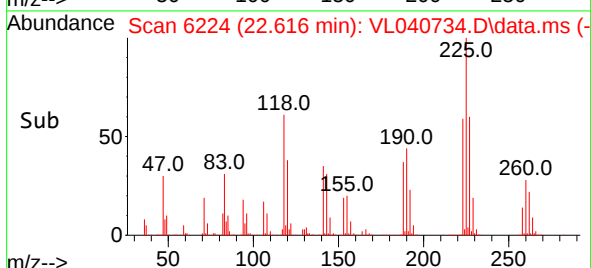
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

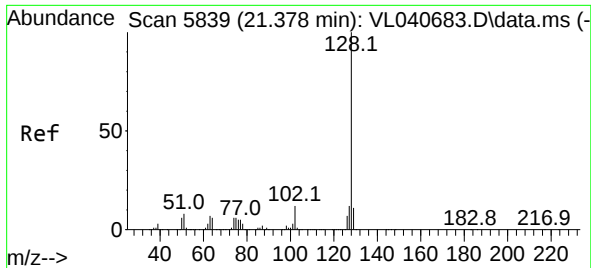


#78
Hexachloro-1,3-Butadiene
Concen: 8.971 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



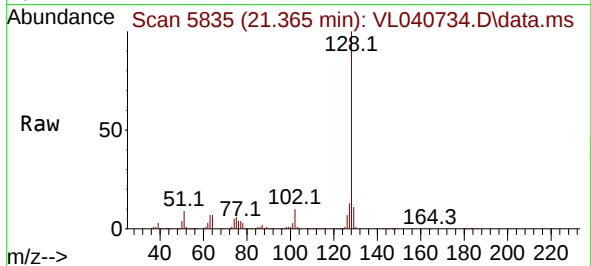
Tgt Ion:225 Resp: 1553677
Ion Ratio Lower Upper
225 100
223 62.6 51.2 76.8
227 62.9 50.7 76.1





#79
Naphthalene
Concen: 13.194 ppbv
RT: 21.365 min Scan# 5835
Delta R.T. -0.029 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

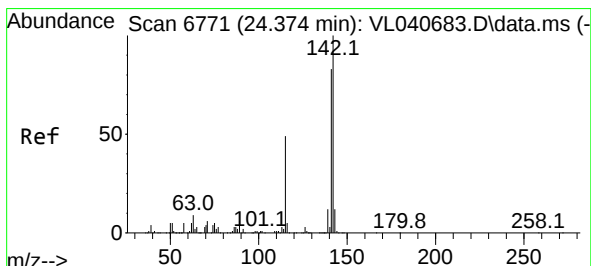
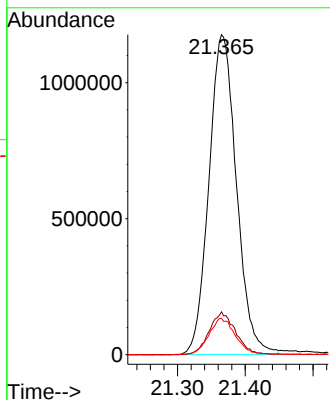
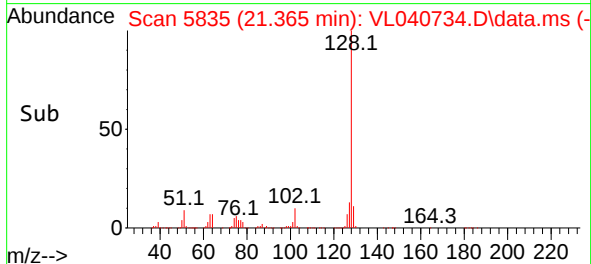
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



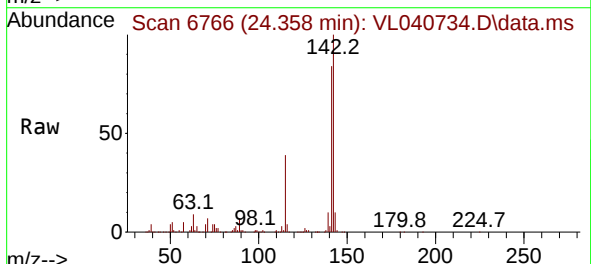
Tgt Ion:128 Resp: 331144
Ion Ratio Lower Upper
128 100
127 13.4 9.8 14.6
129 11.3 8.4 12.6

Manual Integrations
APPROVED

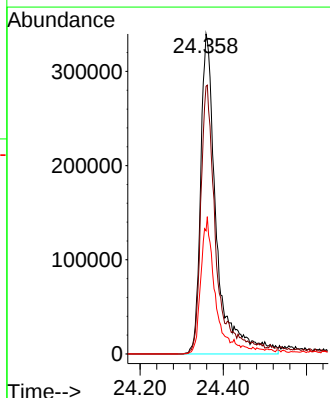
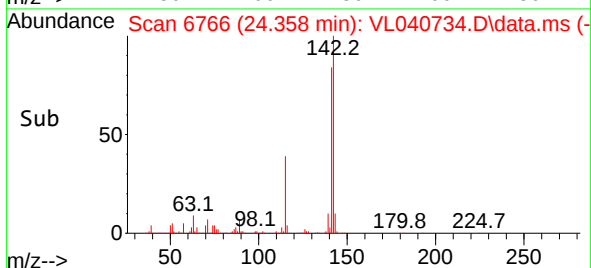
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

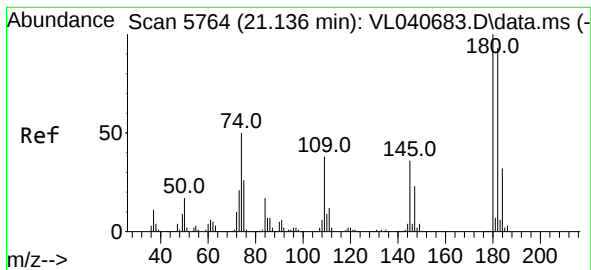


#80
Naphthalene,2-methyl-
Concen: 14.658 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00



Tgt Ion:142 Resp: 901088
Ion Ratio Lower Upper
142 100
141 83.7 67.0 100.6
115 42.3 37.4 56.2





#81

1,2,4-Trichlorobenzene

Concen: 10.471 ppbv

RT: 21.121 min Scan# 51

Delta R.T. -0.029 min

Lab File: VL040734.D

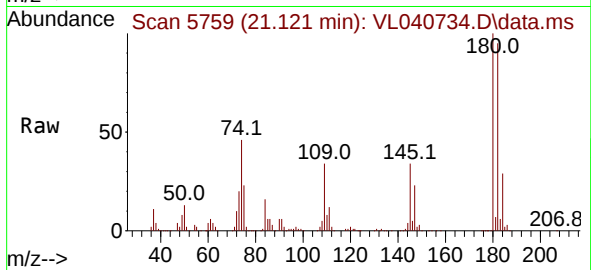
Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 171672

Ion Ratio Lower Upper

180 100

182 96.0 77.9 116.9

184 30.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023

