

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040626.D
 Acq On : 10 Aug 2023 9:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 10:26:05 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 10 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	962232	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2649624	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2506044	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.789 95 1894460 9.552 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	1824272	9.478	ppbv	98
3) Chlorodifluoromethane	2.668	51	1685011	11.048	ppbv	98
4) Chloromethane	2.806	50	698370	11.559	ppbv	97
5) Vinyl Chloride	2.915	62	748662	11.800	ppbv	96
6) Bromomethane	3.115	94	287238	10.726	ppbv	98
7) Chloroethane	3.192	64	259763	11.670	ppbv	99
8) Dichlorotetrafluoroethane	2.851	85	1724174	10.888	ppbv	100
9) Propene	2.687	41	597280	11.439	ppbv	100
10) Heptane	7.590	43	1456453	12.632	ppbv	99
11) Trichlorofluoromethane	3.558	101	1639856	10.559	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.066	101	1208536	11.049	ppbv	97
13) Ethanol	3.237	45	137495	12.103	ppbv	99
14) Bromoethene	3.362	108	531833	11.308	ppbv	99
15) Acetone	3.465	43	1241622	11.210	ppbv	99
16) 1,3-Butadiene	2.980	39	679166	12.154	ppbv	99
17) tert-Butyl alcohol	3.877	59	1503207	13.121	ppbv	99
18) 1,1-Dichloroethene	3.880	96	561587	11.168	ppbv	98
19) Isopropyl Alcohol	3.571	45	884679	13.913	ppbv #	2
20) Methylene Chloride	3.931	84	506135	10.743	ppbv	99
21) Allyl Chloride	3.996	41	737685	11.663	ppbv	99
22) trans-1,2-Dichloroethene	4.446	96	563609	11.360	ppbv	99
23) Vinyl Acetate	4.626	43	1374320	13.024	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1197059	11.176	ppbv	99
25) Ethyl Acetate	5.208	43	2517312	11.938	ppbv	100
26) Hexane	5.217	57	1190565	12.153	ppbv	96
27) Carbon Disulfide	4.124	76	1385185	12.021	ppbv	98
28) Methyl tert-Butyl Ether	4.590	73	920327	11.670	ppbv	98
29) Chloroform	5.278	83	1730027	10.647	ppbv	98
30) Cyclohexane	6.610	84	980521	12.029	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	1135553	11.727	ppbv	99
32) 1,1,1-Trichloroethane	6.008	97	1701551	10.703	ppbv	99
34) 2-Butanone	4.787	43	1472006	11.243	ppbv	99
35) Carbon Tetrachloride	6.504	117	1697748	10.647	ppbv	97
36) Benzene	6.378	78	2467037	11.572	ppbv	100
37) 1,2-Dichloroethane	5.812	62	1307380	10.424	ppbv	100
38) Trichloroethene	7.301	130	922950	11.445	ppbv	100
39) 1,2-Dichloropropane	7.082	63	937763	11.426	ppbv	97
40) 1,4-Dioxane	7.298	88	312525	12.175	ppbv #	28
41) Tetrahydrofuran	5.561	42	942118	12.331	ppbv	98
42) Bromodichloromethane	7.259	83	1864726	10.690	ppbv	100
43) Methyl Methacrylate	7.484	69	981752	12.303	ppbv	99
44) 2,2,4-Trimethylpentane	7.336	57	4008111	11.685	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	644821	12.597	ppbv	98

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Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

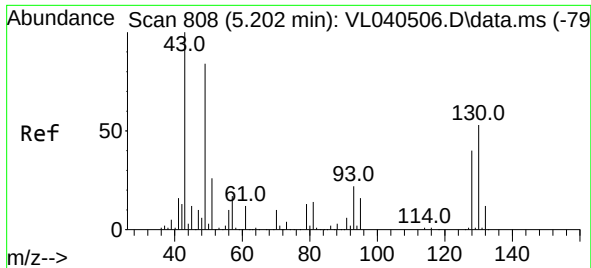
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 10 12:54:26 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

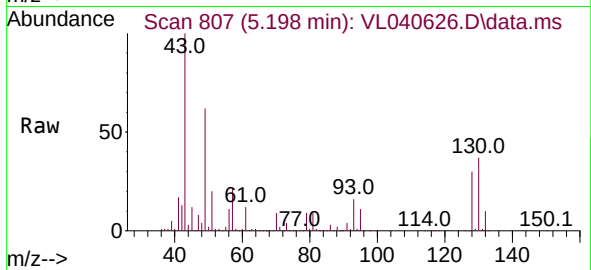
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	786587	11.977	ppbv	95
47) 1,1,2-Trichloroethane	8.912	97	984789	10.876	ppbv	97
48) Dibromochloromethane	9.722	129	1598032	11.414	ppbv	100
49) Bromoform	12.420	173	1313425	11.833	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	2287022	12.022	ppbv	99
51) 2-Hexanone	9.561	43	1637823	12.175	ppbv #	98
52) Tetrachloroethene	10.629	164	841615	12.190	ppbv	98
53) Toluene	9.230	91	2787091	12.035	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1259002	11.186	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.519	131	1188835	10.593	ppbv	99
57) Chlorobenzene	11.539	112	2124100	10.868	ppbv	98
58) Ethyl Benzene	12.101	91	3714430	11.811	ppbv	98
59) m/p-Xylene	12.388	91	6217584m	22.151	ppbv	
60) o-Xylene	13.072	91	2967539	11.098	ppbv	99
61) Styrene	12.912	104	1570794	12.735	ppbv	99
62) Isopropylbenzene	14.043	105	4354333	10.865	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	2067508	11.041	ppbv	100
64) n-propylbenzene	14.931	120	1154745	11.136	ppbv	99
65) tert-Butylbenzene	16.104	119	3781059	10.656	ppbv	100
66) Benzyl Chloride	16.342	91	322646	12.854	ppbv	97
67) sec-Butylbenzene	16.648	105	5418158	10.393	ppbv	100
69) p-Isopropyltoluene	17.005	119	4513682	10.477	ppbv	99
70) n-Butylbenzene	17.899	91	4858728	10.113	ppbv	99
71) 2-Chlorotoluene	14.815	91	3395360	10.993	ppbv	100
72) 4-Ethyltoluene	15.204	105	3523121	11.240	ppbv	100
73) 1,3,5-Trimethylbenzene	15.362	105	3048914	11.035	ppbv	99
74) 1,2,4-Trimethylbenzene	16.120	105	3331147	10.341	ppbv	95
75) 1,3-Dichlorobenzene	16.342	146	2004413	10.263	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	1957242	10.220	ppbv	99
77) 1,2-Dichlorobenzene	17.153	146	1917121	10.266	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1395147m	7.955	ppbv	
79) Naphthalene	21.397	128	2903642	10.653	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	1005716	8.949	ppbv	97
81) 1,2,4-Trichlorobenzene	21.152	180	1679750	8.943	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

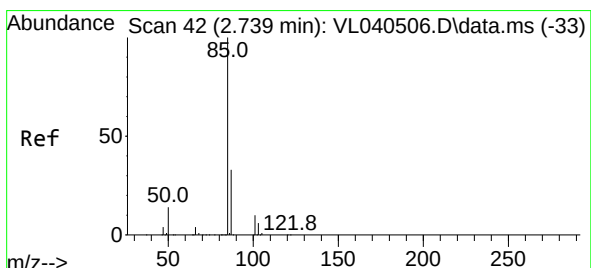
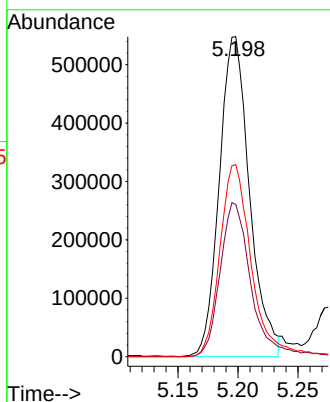
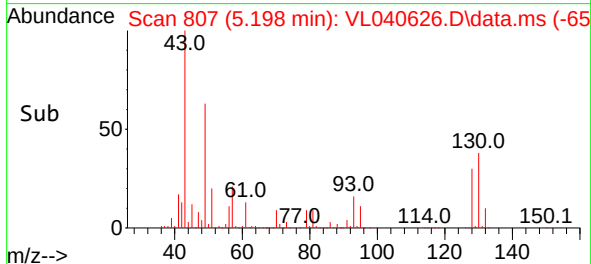
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 96223
Ion Ratio Lower Upper
49 100
128 50.2 25.1 75.4
130 63.4 31.6 94.7

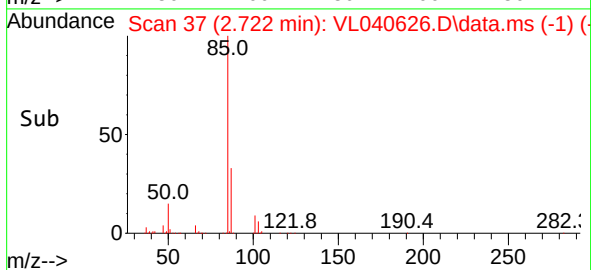
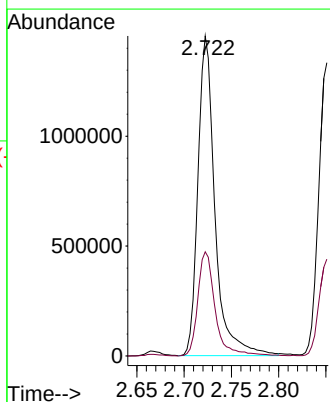
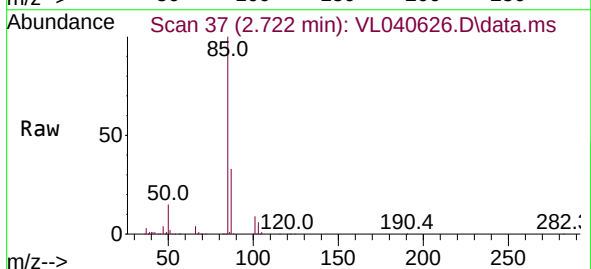
Manual Integrations
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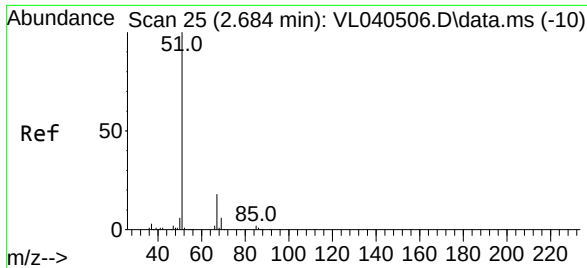
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#2
Dichlorodifluoromethane
Concen: 9.478 ppbv
RT: 2.722 min Scan# 37
Delta R.T. -0.016 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

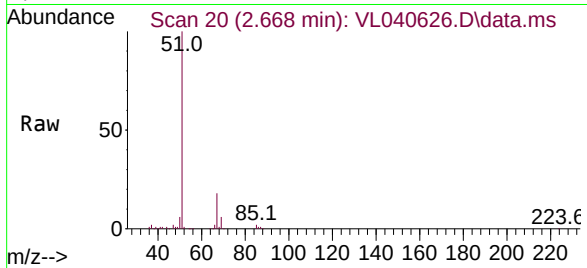
Tgt Ion: 85 Resp: 1824272
Ion Ratio Lower Upper
85 100
87 32.5 26.8 40.2





#3
Chlorodifluoromethane
Concen: 11.048 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

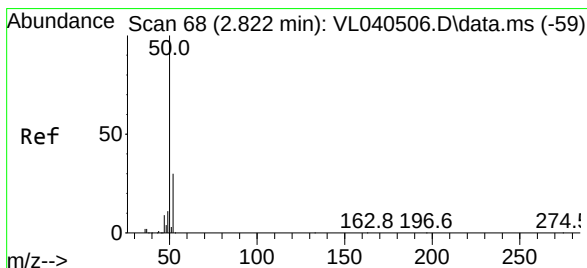
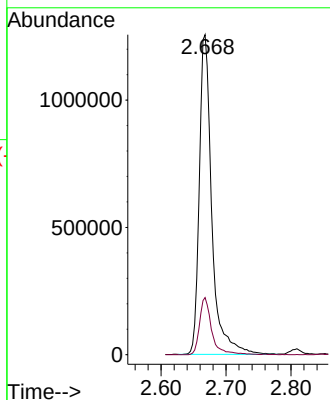
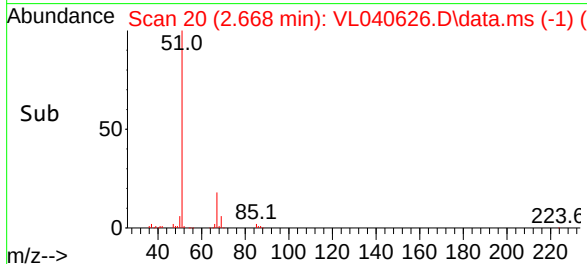
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



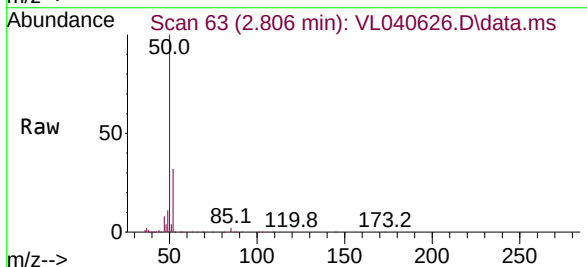
Tgt Ion: 51 Resp: 168501
Ion Ratio Lower Upper
51 100
67 17.5 14.6 21.8

Manual Integrations
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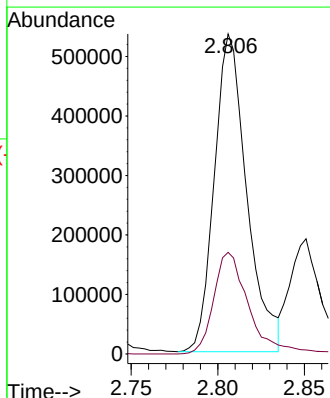
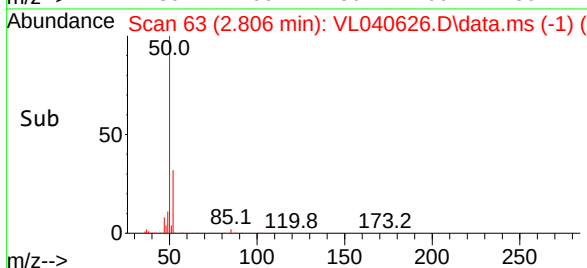
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

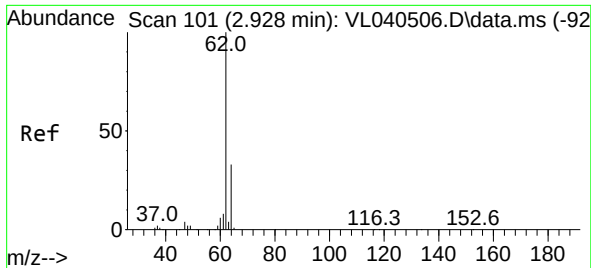


#4
Chloromethane
Concen: 11.559 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.016 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



Tgt Ion: 50 Resp: 698370
Ion Ratio Lower Upper
50 100
52 32.0 24.4 36.6





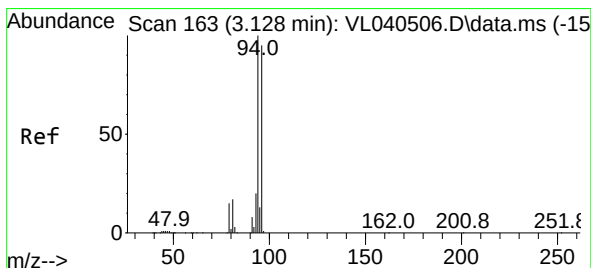
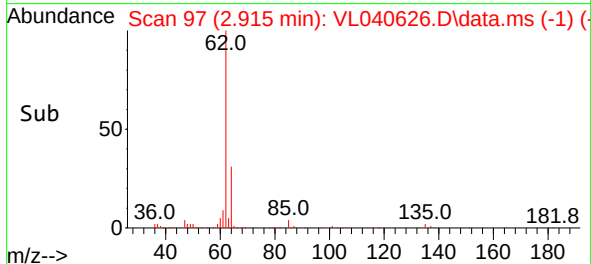
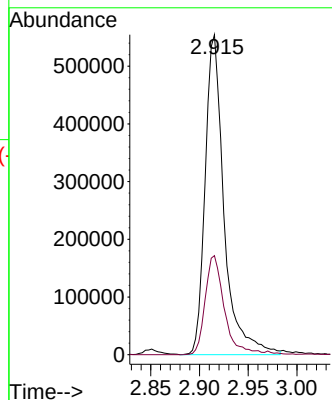
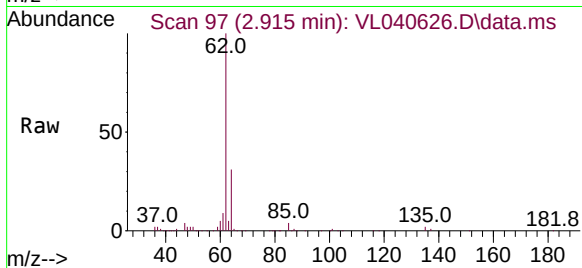
#5
 Vinyl Chloride
 Concen: 11.800 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. -0.013 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 748662
 Ion Ratio Lower Upper
 62 100
 64 30.9 26.4 39.6

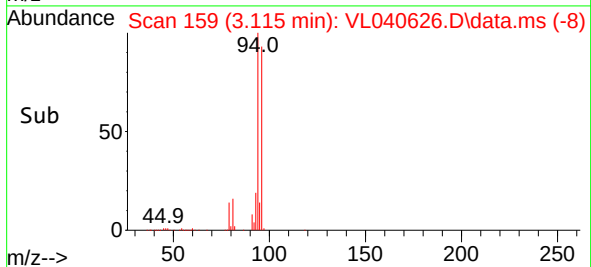
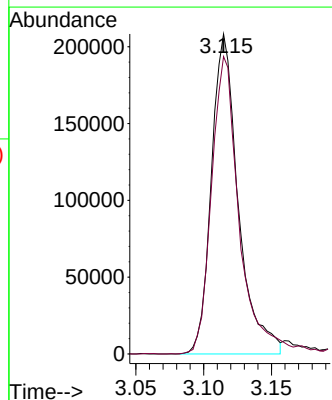
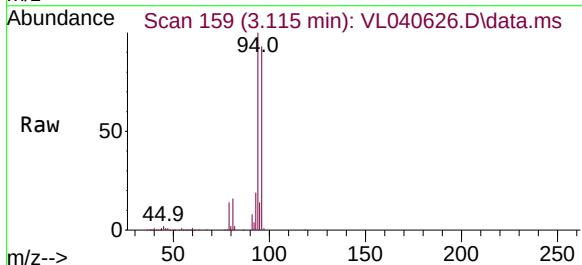
Manual Integrations
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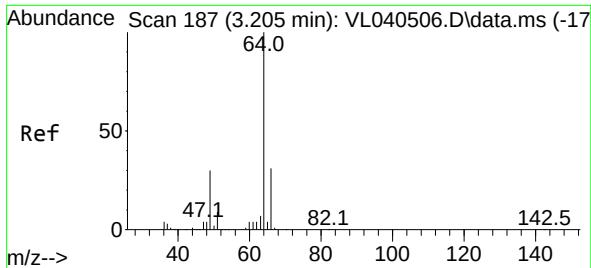
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#6
 Bromomethane
 Concen: 10.726 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.013 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

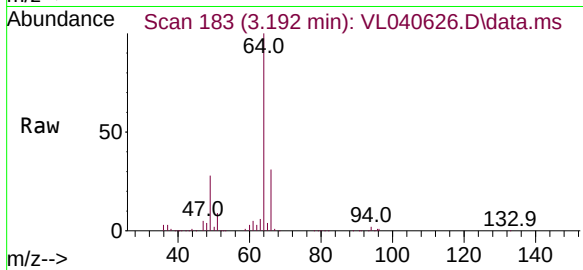
Tgt Ion: 94 Resp: 287238
 Ion Ratio Lower Upper
 94 100
 96 92.8 75.7 113.5





#7
Chloroethane
Concen: 11.670 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

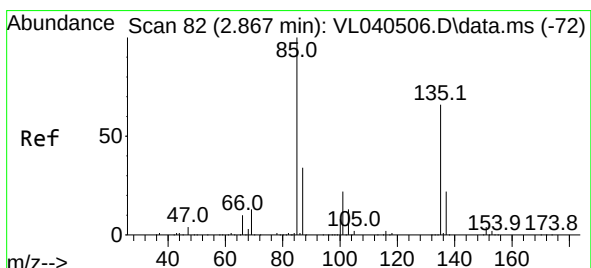
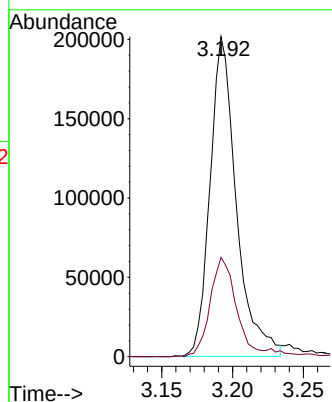
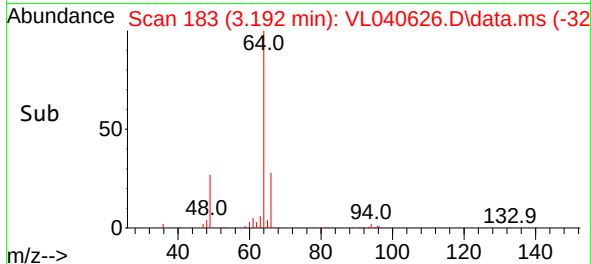
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 25976
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6

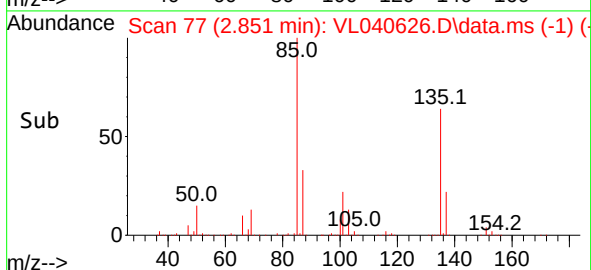
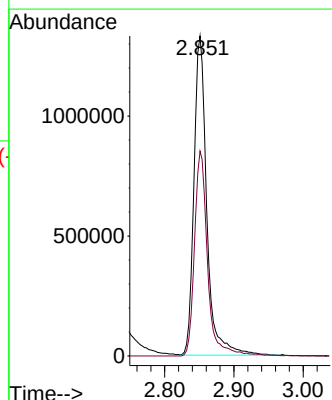
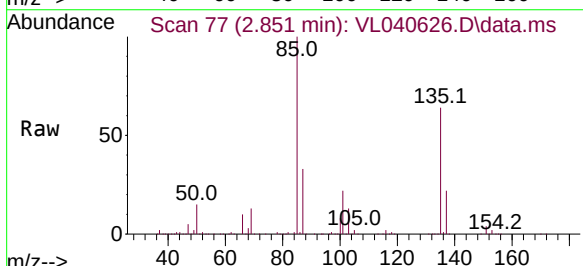
Manual Integrations
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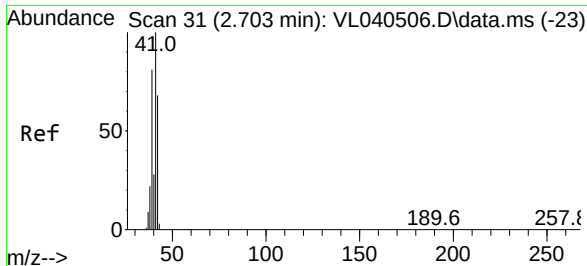
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#8
Dichlorotetrafluoroethane
Concen: 10.888 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.016 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

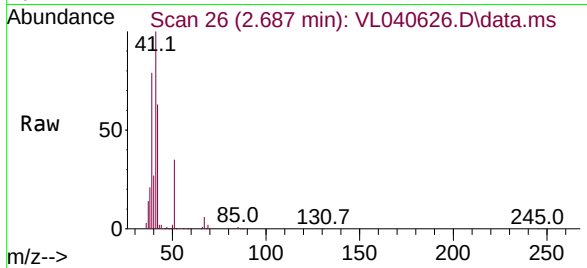
Tgt Ion: 85 Resp: 1724174
Ion Ratio Lower Upper
85 100
135 65.6 52.4 78.6





#9
 Propene
 Concen: 11.439 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. -0.016 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

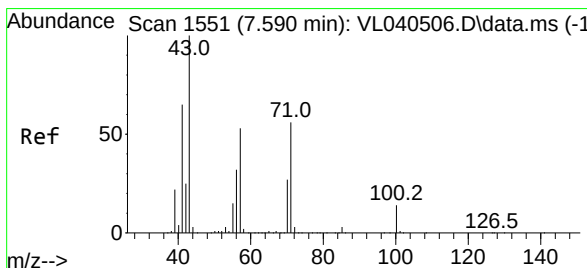
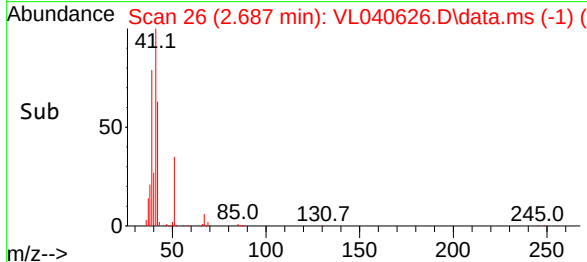
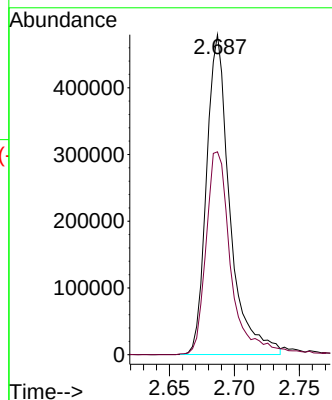
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 597280
 Ion Ratio Lower Upper
 41 100
 42 69.0 55.0 82.6

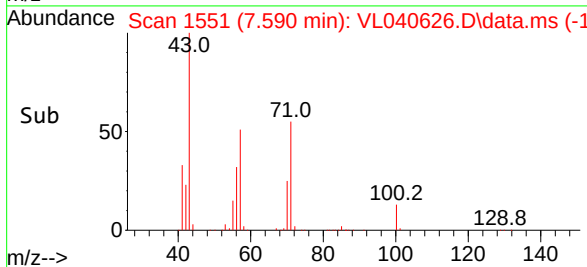
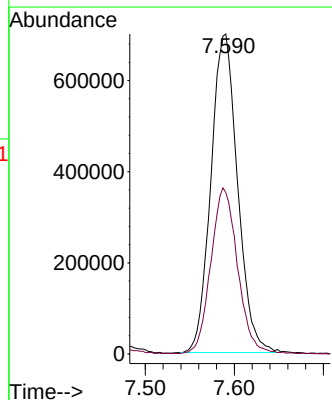
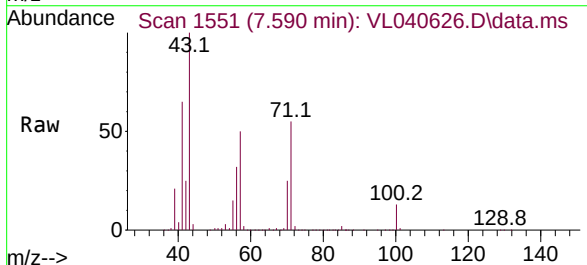
Manual Integrations
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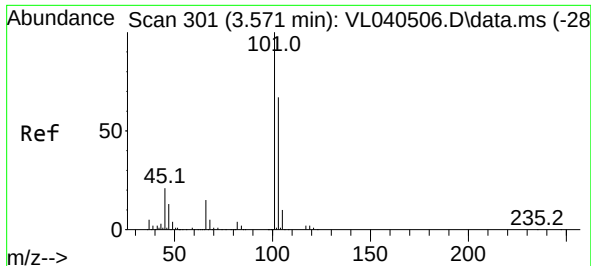
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#10
 Heptane
 Concen: 12.632 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. -0.000 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

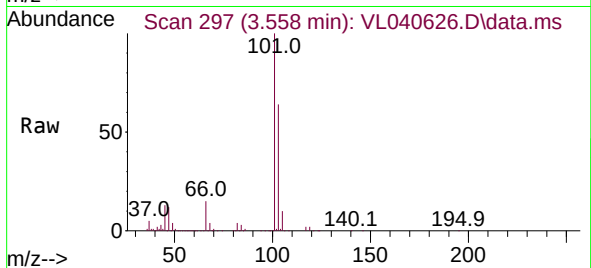
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 Ion Ratio Lower Upper
 43 100
 57 52.5 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 10.559 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. -0.013 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

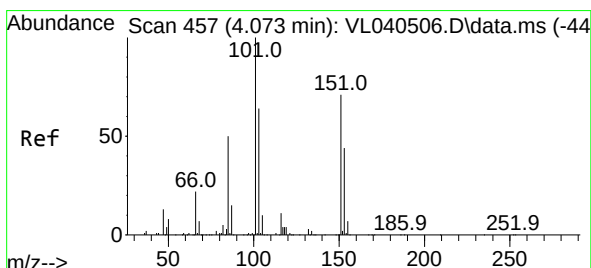
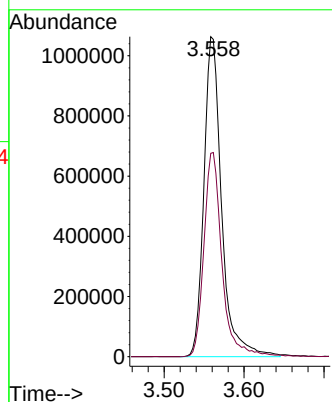
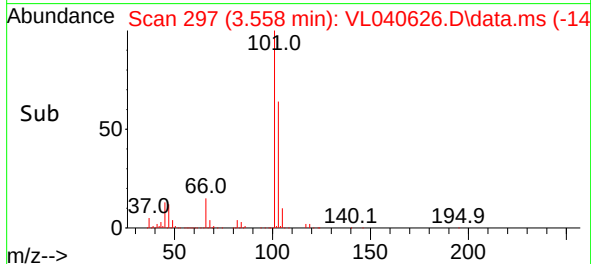
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



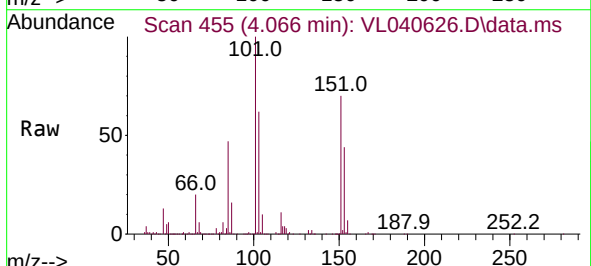
Tgt Ion:101 Resp: 1639856
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.4 80.0

Manual Integrations
 APPROVED

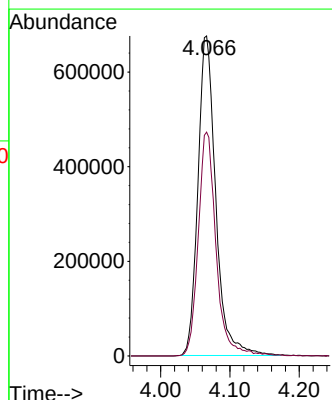
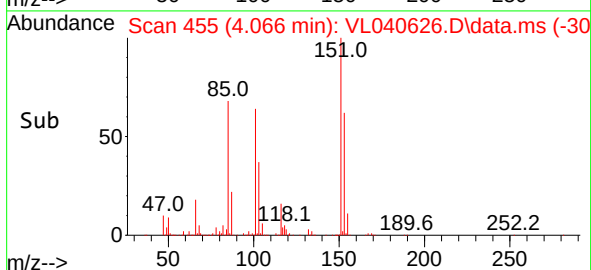
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

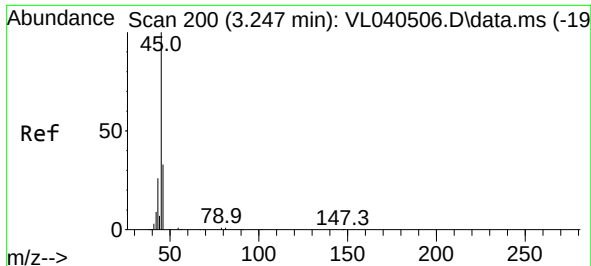


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.049 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.007 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17



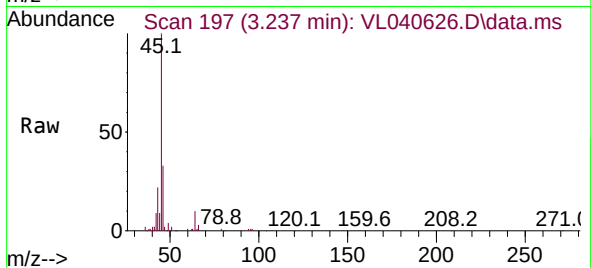
Tgt Ion:101 Resp: 1208536
 Ion Ratio Lower Upper
 101 100
 151 70.4 58.2 87.4





#13
Ethanol
Concen: 12.103 ppbv
RT: 3.237 min Scan# 197
Delta R.T. -0.010 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

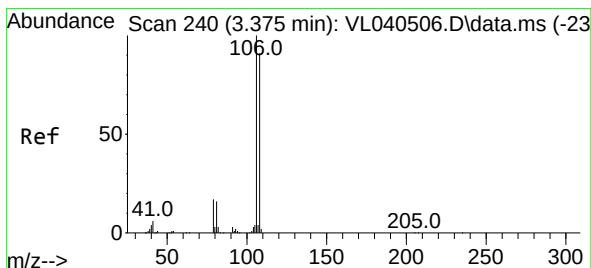
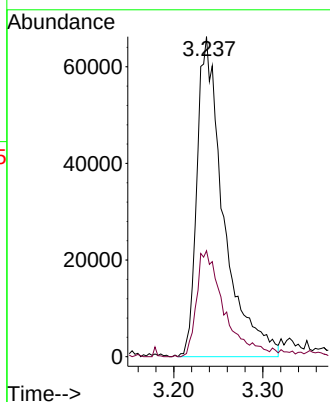
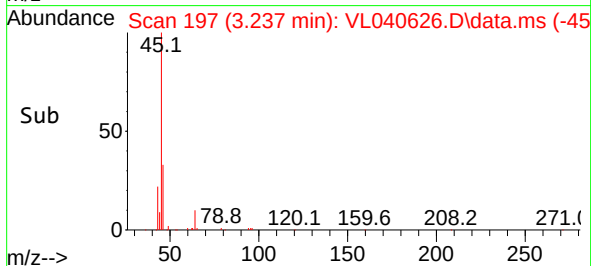
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



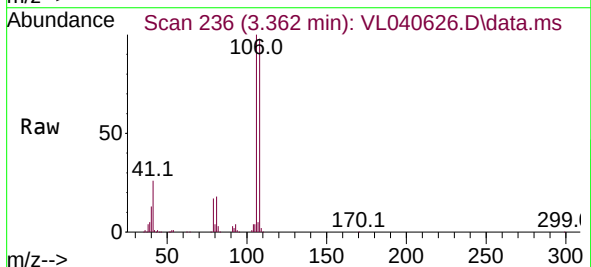
Tgt Ion: 45 Resp: 137495
Ion Ratio Lower Upper
45 100
46 37.4 15.3 61.1

Manual Integrations
APPROVED

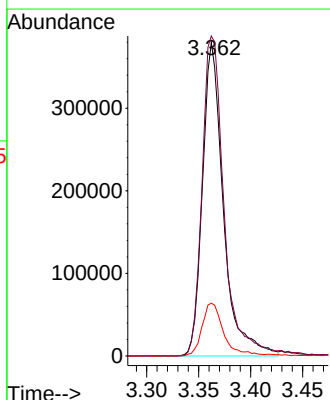
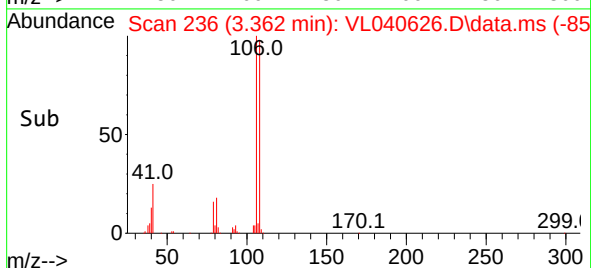
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

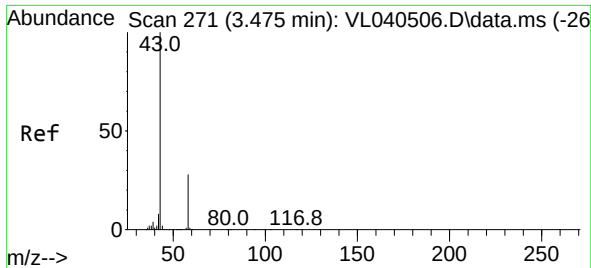


#14
Bromoethene
Concen: 11.308 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.013 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



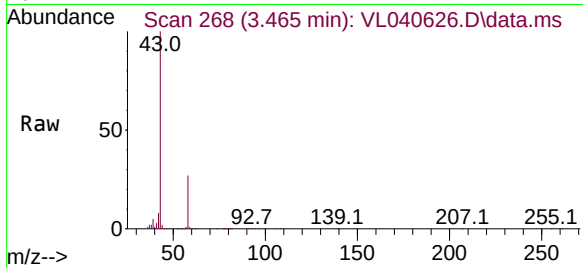
Tgt Ion:108 Resp: 531833
Ion Ratio Lower Upper
108 100
106 108.4 87.2 130.8
79 18.1 15.3 22.9





#15
Acetone
Concen: 11.210 ppbv
RT: 3.465 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

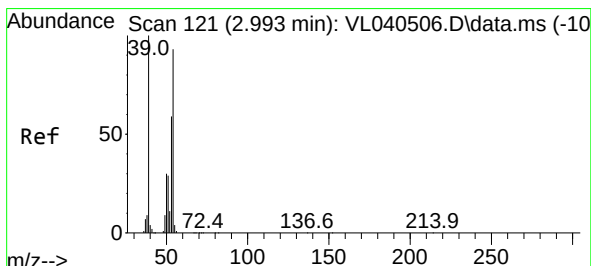
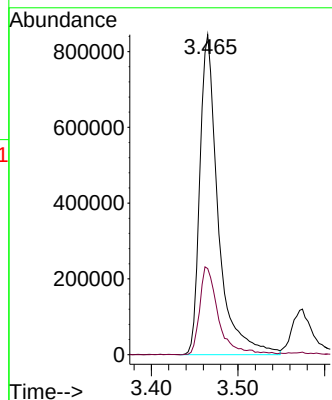
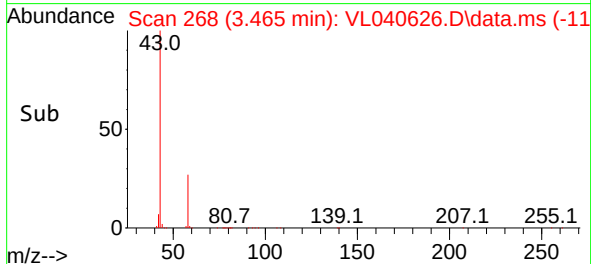
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



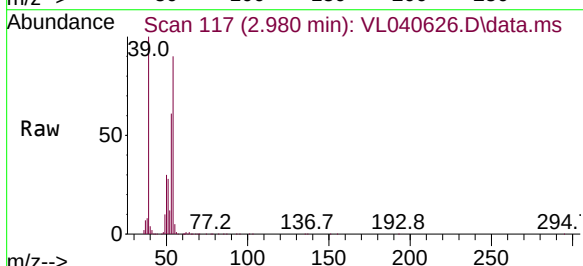
Tgt Ion: 43 Resp: 124162
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3

Manual Integrations
APPROVED

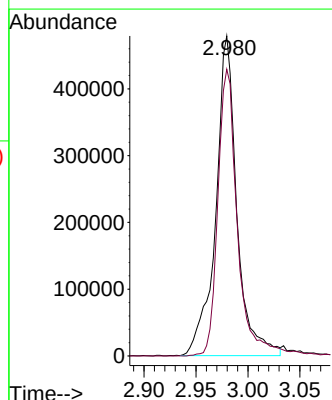
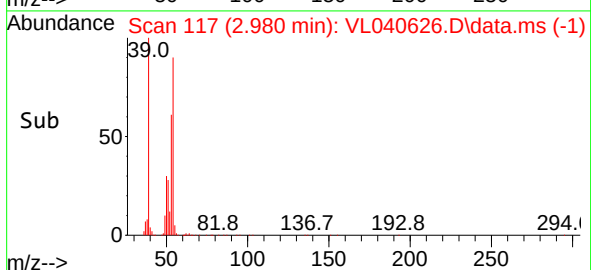
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

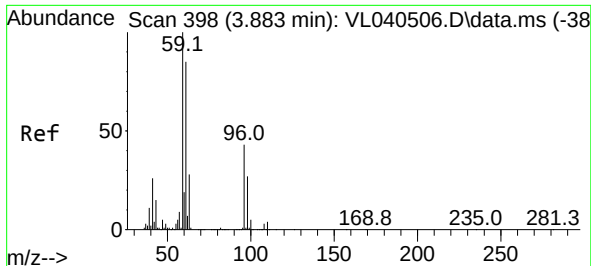


#16
1,3-Butadiene
Concen: 12.154 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



Tgt Ion: 39 Resp: 679166
Ion Ratio Lower Upper
39 100
54 84.3 66.6 100.0





#17

tert-Butyl alcohol

Concen: 13.121 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.007 min

Lab File: VL040626.D

Acq: 10 Aug 2023 9:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 150320

Ion Ratio Lower Upper

59 100

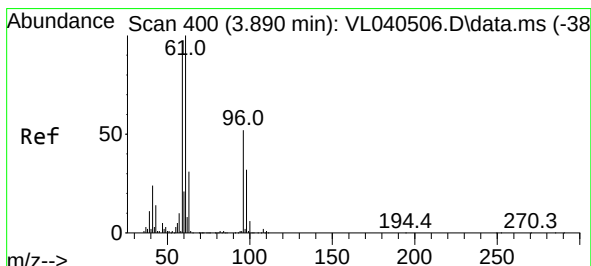
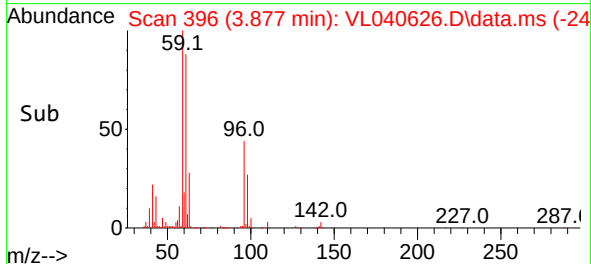
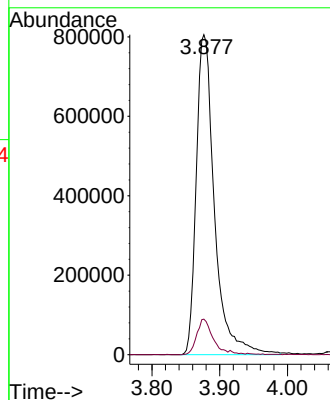
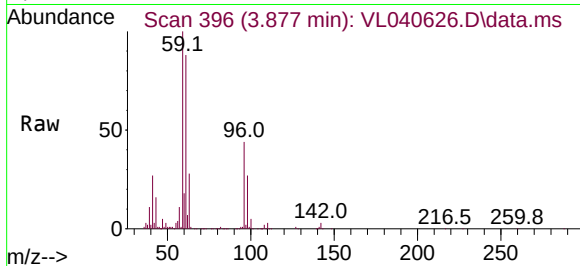
57 10.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#18

1,1-Dichloroethene

Concen: 11.168 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.010 min

Lab File: VL040626.D

Acq: 10 Aug 2023 9:17

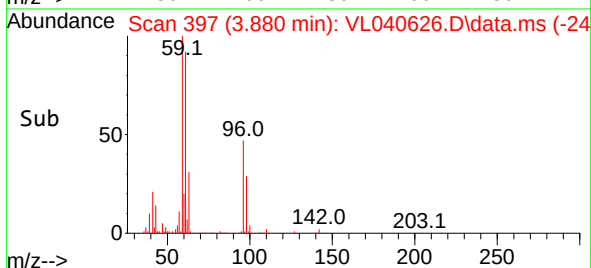
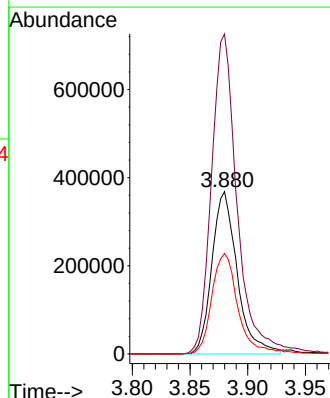
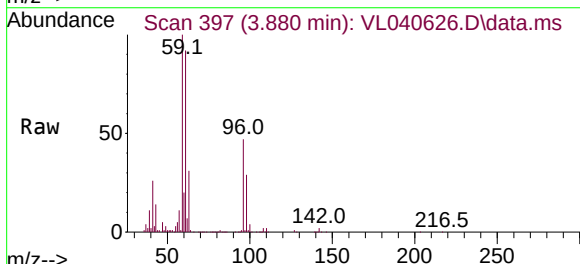
Tgt Ion: 96 Resp: 561587

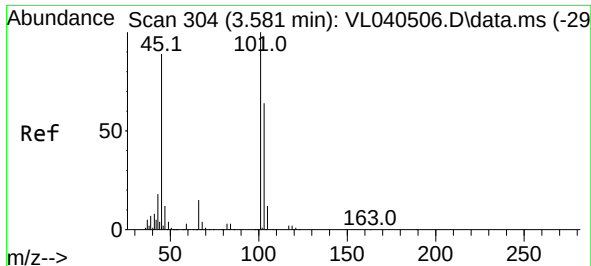
Ion Ratio Lower Upper

96 100

61 197.1 154.4 231.6

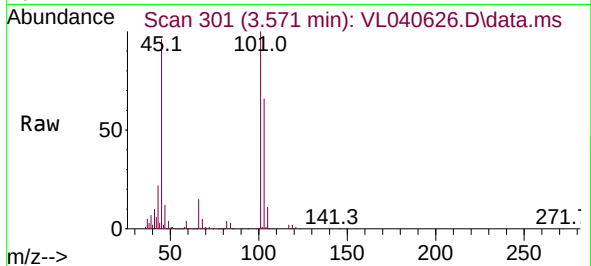
98 61.9 50.0 75.0





#19
Isopropyl Alcohol
Concen: 13.913 ppbv
RT: 3.571 min Scan# 304
Delta R.T. -0.010 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

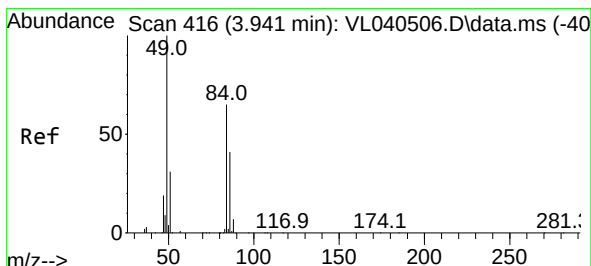
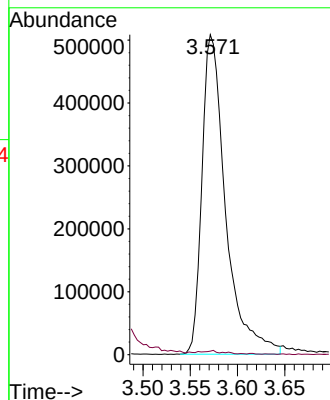
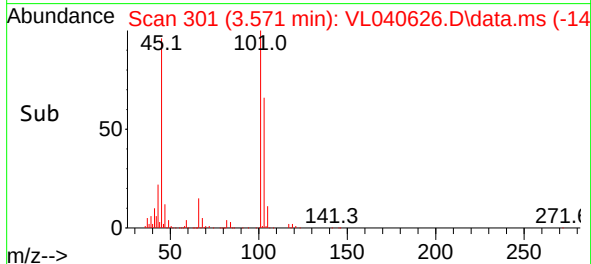
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



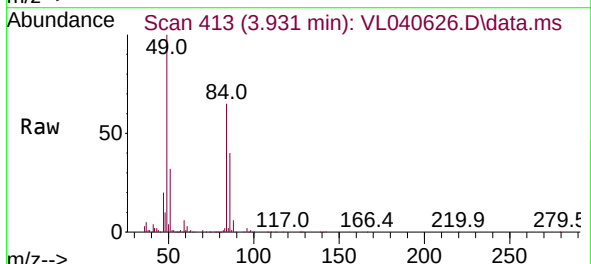
Tgt Ion: 45 Resp: 884679
Ion Ratio Lower Upper
45 100
58 39.7 1.1 1.75

Manual Integrations
APPROVED

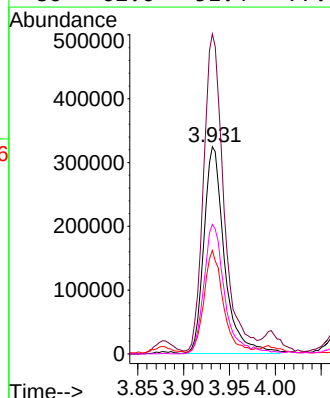
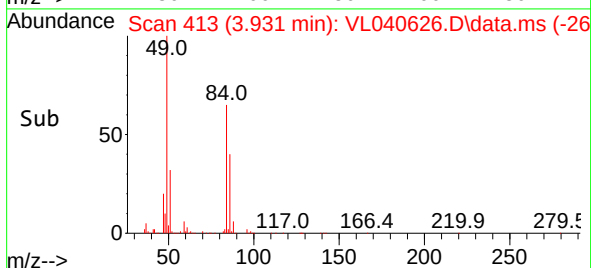
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

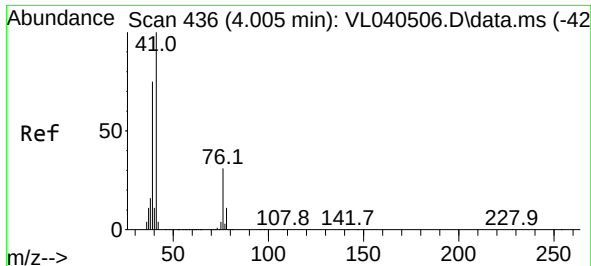


#20
Methylene Chloride
Concen: 10.743 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.010 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



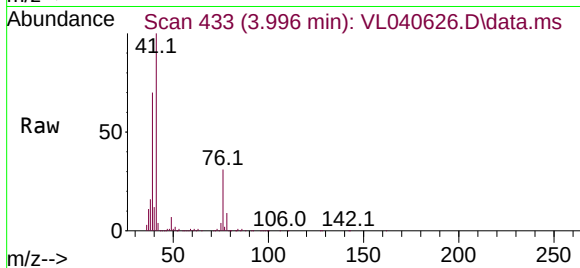
Tgt Ion: 84 Resp: 506135
Ion Ratio Lower Upper
84 100
49 152.7 123.4 185.2
51 48.9 38.3 57.5
86 62.6 51.4 77.0





#21
 Allyl Chloride
 Concen: 11.663 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

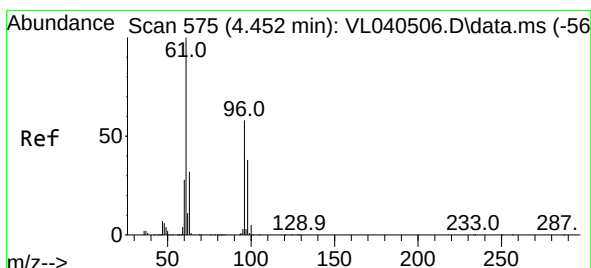
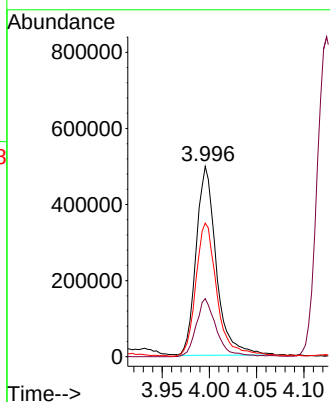
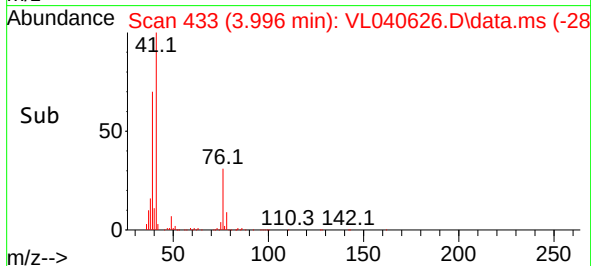
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 737689
 Ion Ratio Lower Upper
 41 100
 76 31.1 24.8 37.2
 39 74.1 60.6 91.0

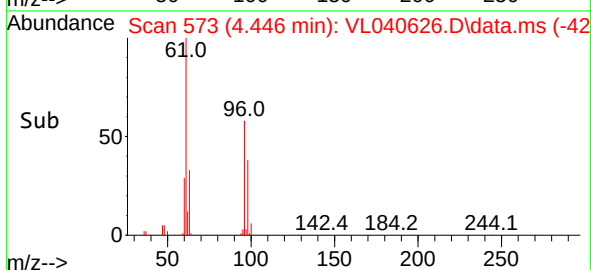
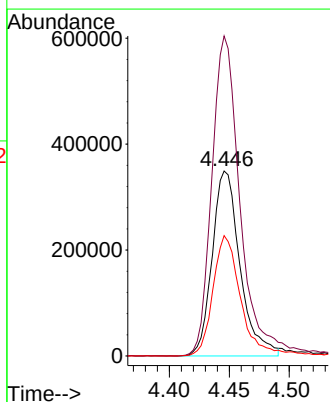
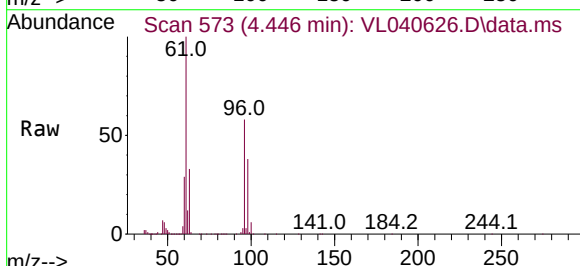
Manual Integrations
 APPROVED

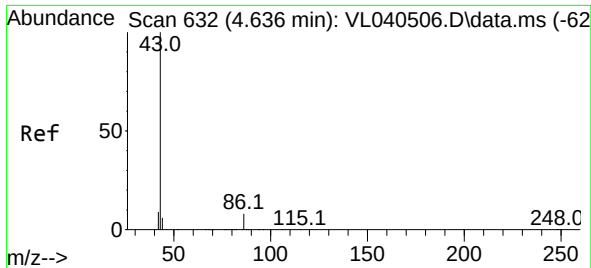
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#22
 trans-1,2-Dichloroethene
 Concen: 11.360 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.007 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

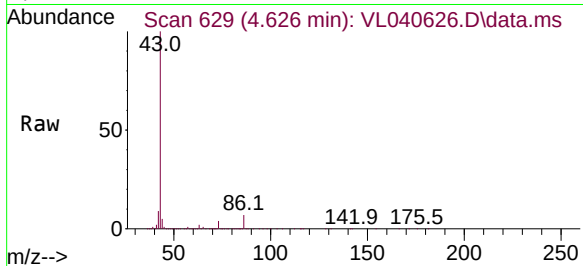
Tgt Ion: 96 Resp: 563609
 Ion Ratio Lower Upper
 96 100
 61 173.0 137.7 206.5
 98 65.0 52.9 79.3





#23
 Vinyl Acetate
 Concen: 13.024 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

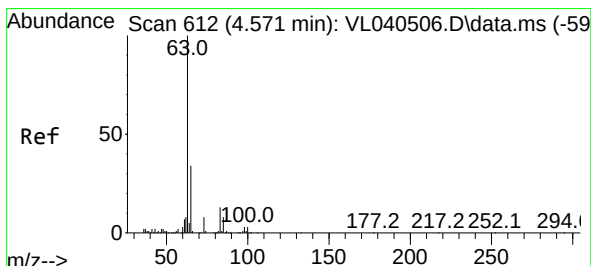
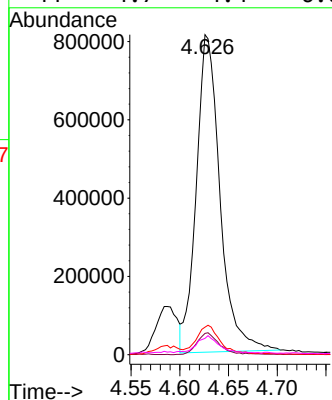
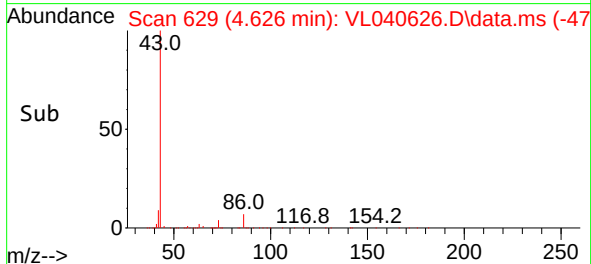
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



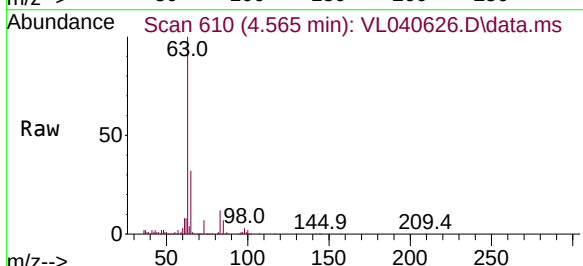
Tgt Ion: 43 Resp: 1374320
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.6 8.4
 42 8.5 7.4 11.2
 44 4.7 4.4 6.6

Manual Integrations
 APPROVED

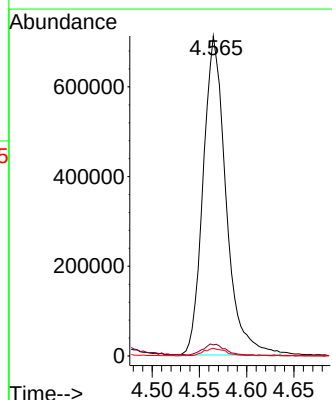
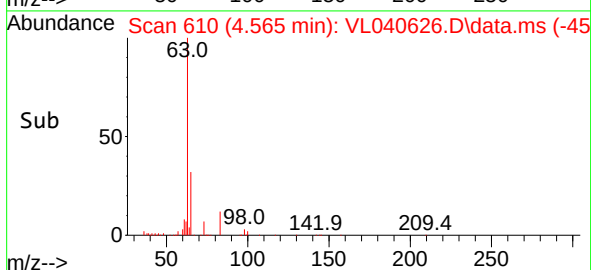
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

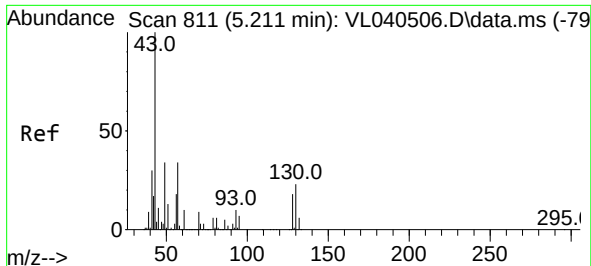


#24
 1,1-Dichloroethane
 Concen: 11.176 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.007 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17



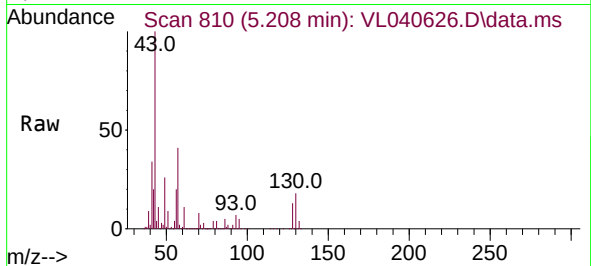
Tgt Ion: 63 Resp: 1197059
 Ion Ratio Lower Upper
 63 100
 98 3.3 1.8 5.5
 100 2.4 1.4 4.0





#25
Ethyl Acetate
Concen: 11.938 ppbv
RT: 5.208 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

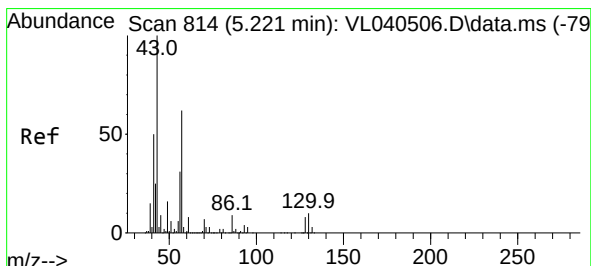
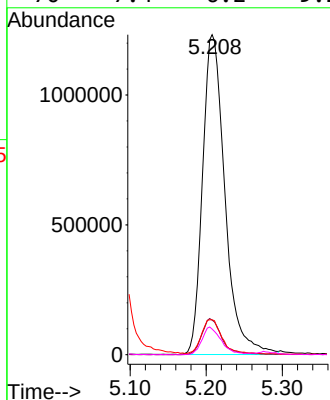
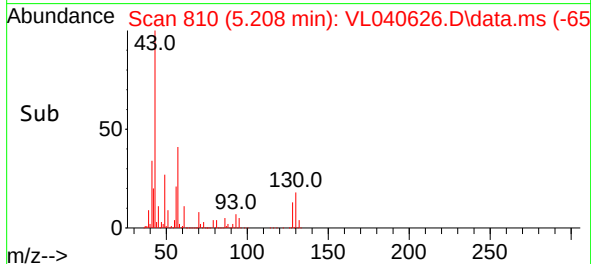
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



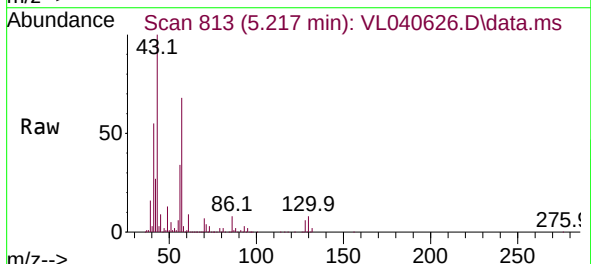
Tgt Ion: 43 Resp: 2517312
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.6 8.3 12.5
70 7.4 6.2 9.2

Manual Integrations
APPROVED

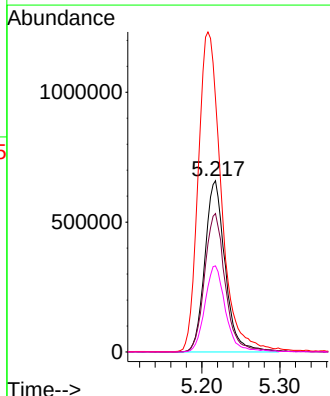
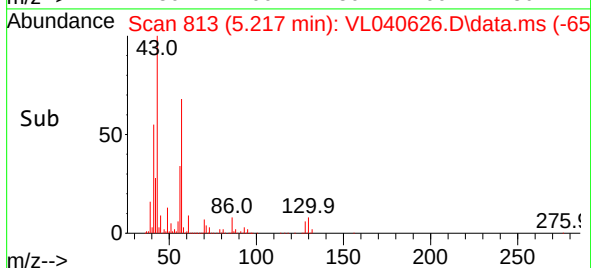
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

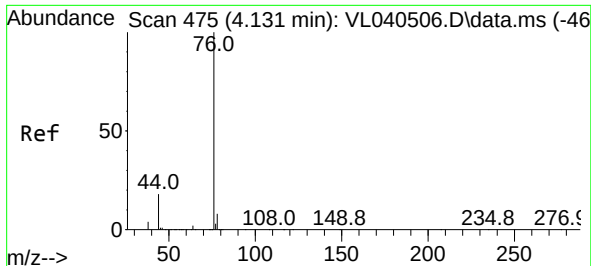


#26
Hexane
Concen: 12.153 ppbv
RT: 5.217 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



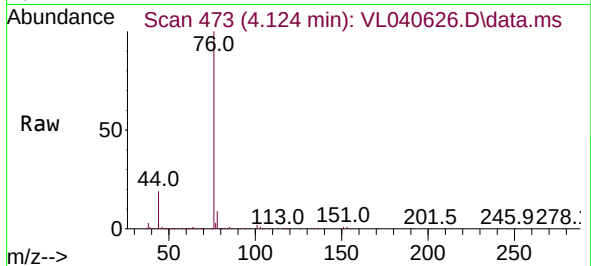
Tgt Ion: 57 Resp: 1190565
Ion Ratio Lower Upper
57 100
41 83.5 69.5 104.3
43 212.7 177.1 265.7
56 51.5 42.3 63.5





#27
Carbon Disulfide
Concen: 12.021 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

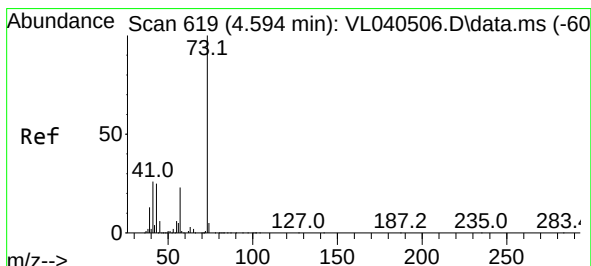
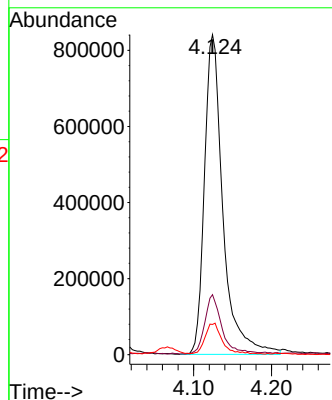
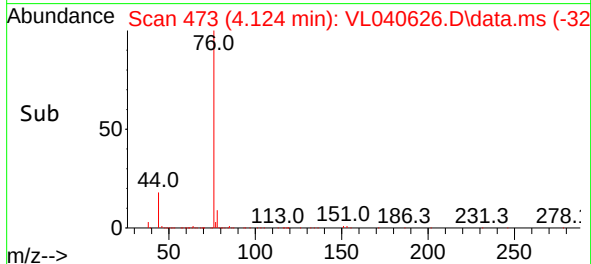
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



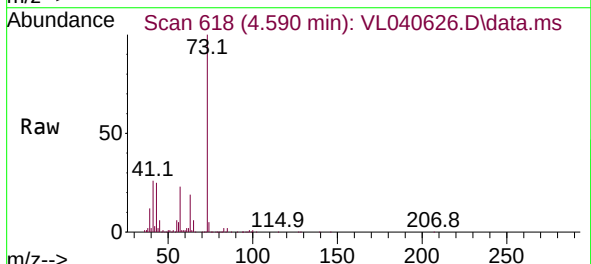
Tgt Ion: 76 Resp: 138518
Ion Ratio Lower Upper
76 100
44 17.9 15.1 22.7
78 9.5 7.5 11.3

Manual Integrations
APPROVED

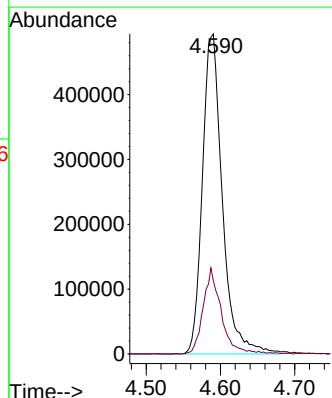
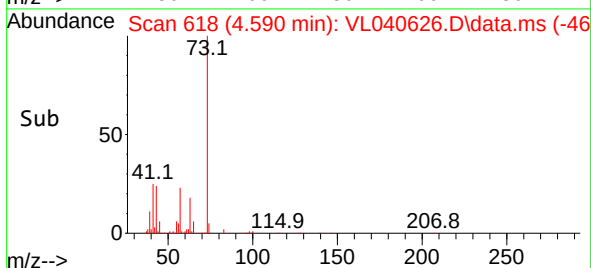
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

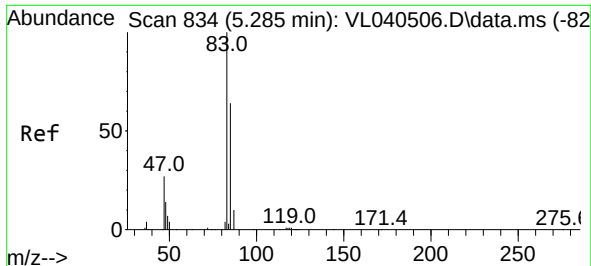


#28
Methyl tert-Butyl Ether
Concen: 11.670 ppbv
RT: 4.590 min Scan# 618
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



Tgt Ion: 73 Resp: 920327
Ion Ratio Lower Upper
73 100
57 24.5 18.8 28.2





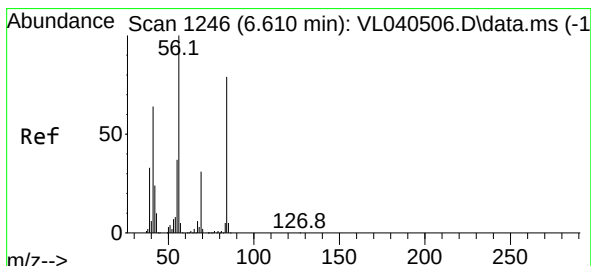
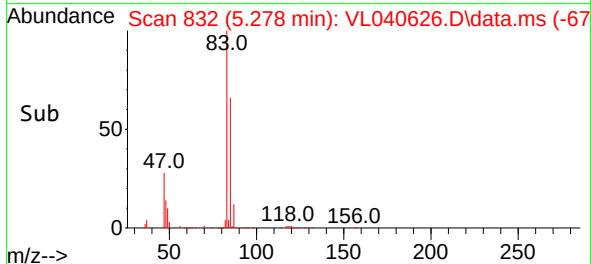
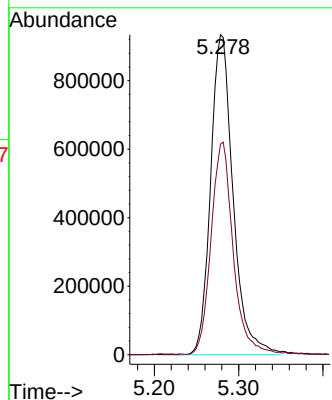
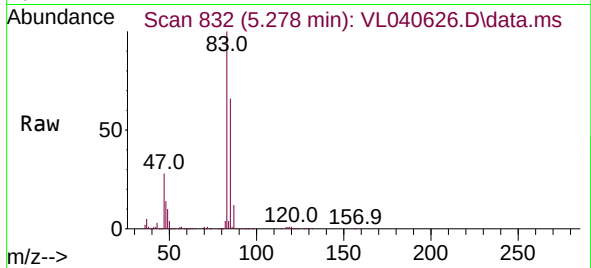
#29
Chloroform
Concen: 10.647 ppbv
RT: 5.278 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 173002
Ion Ratio Lower Upper
83 100
85 65.6 51.1 76.7

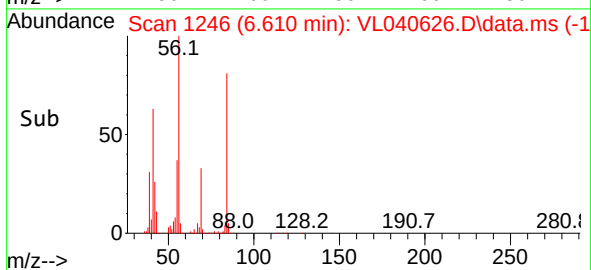
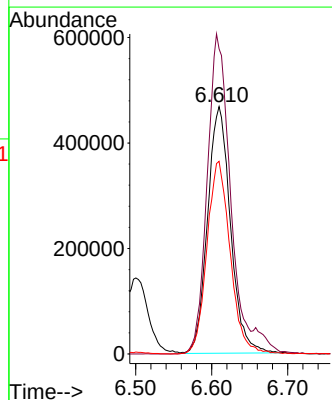
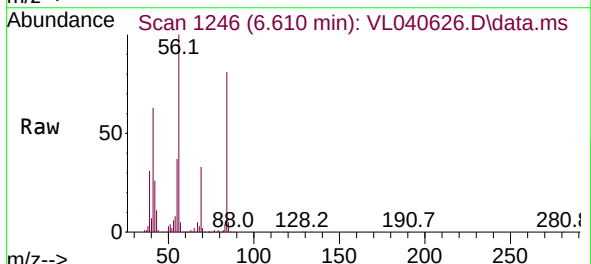
Manual Integrations
APPROVED

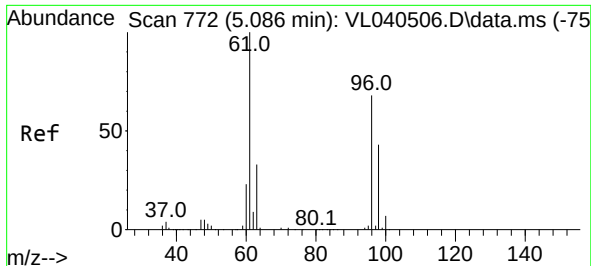
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#30
Cyclohexane
Concen: 12.029 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

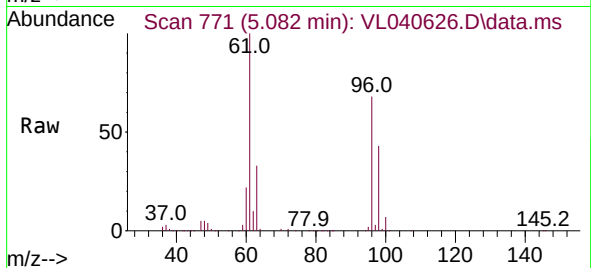
Tgt Ion: 84 Resp: 980521
Ion Ratio Lower Upper
84 100
56 134.9 108.7 163.1
41 79.0 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 11.727 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

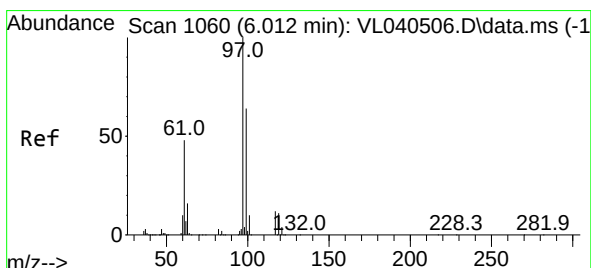
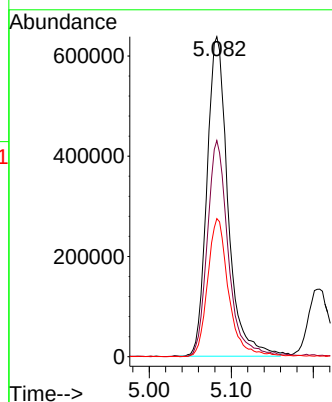
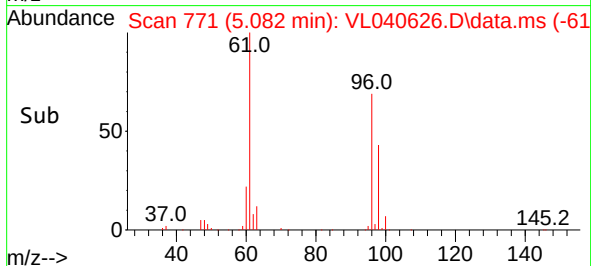
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 113555
 Ion Ratio Lower Upper
 61 100
 96 67.7 54.7 82.1
 98 43.2 34.6 52.0

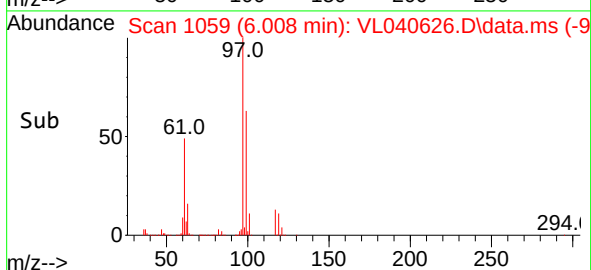
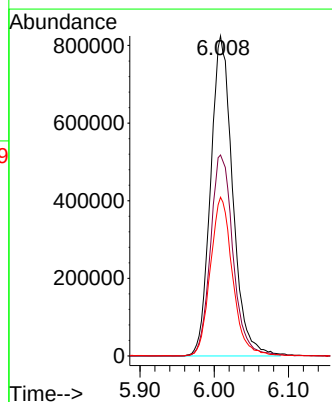
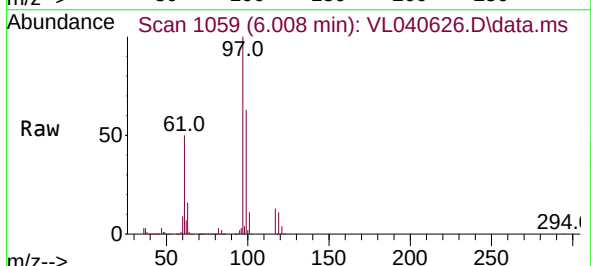
Manual Integrations
 APPROVED

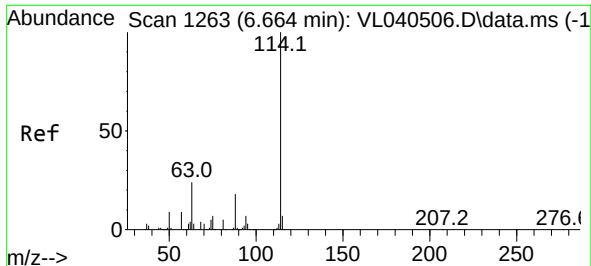
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.703 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.003 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

Tgt Ion: 97 Resp: 1701551
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.0 78.0
 61 50.2 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040626.D

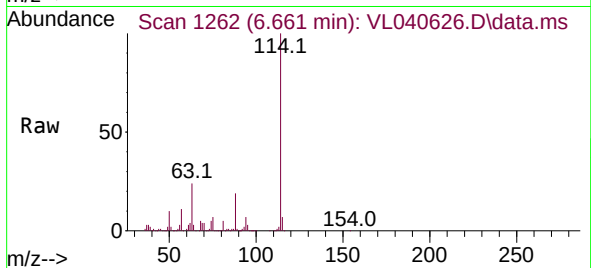
Acq: 10 Aug 2023 9:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:114 Resp: 2649624

Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

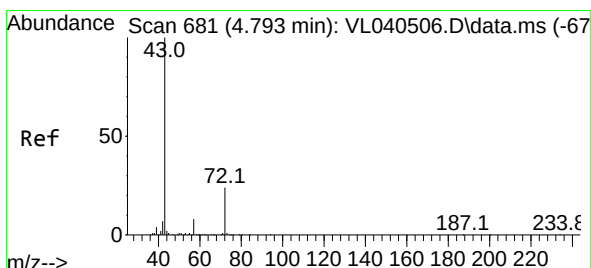
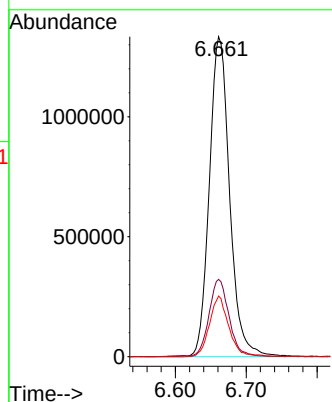
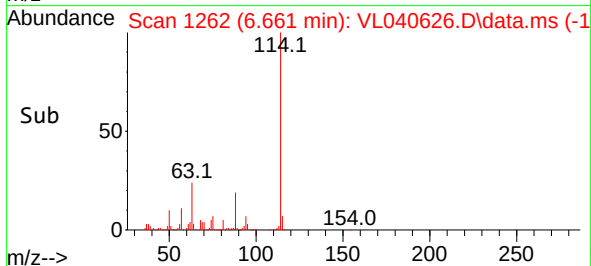
88 18.0 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#34

2-Butanone

Concen: 11.243 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.007 min

Lab File: VL040626.D

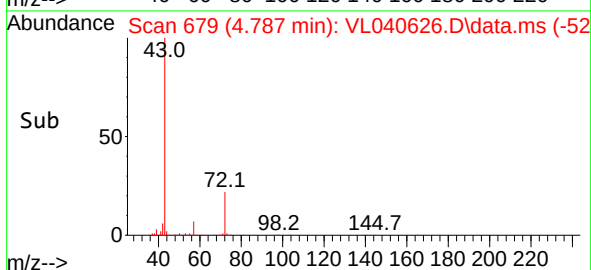
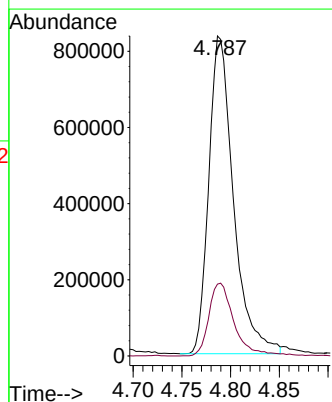
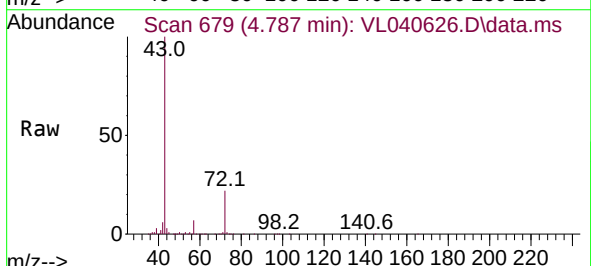
Acq: 10 Aug 2023 9:17

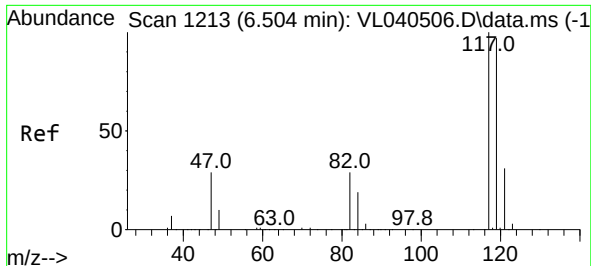
Tgt Ion: 43 Resp: 1472006

Ion Ratio Lower Upper

43 100

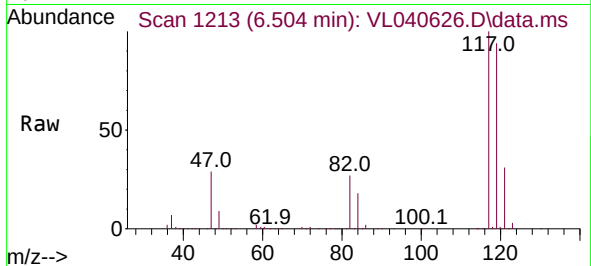
72 23.6 19.1 28.7





#35
Carbon Tetrachloride
Concen: 10.647 ppbv
RT: 6.504 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

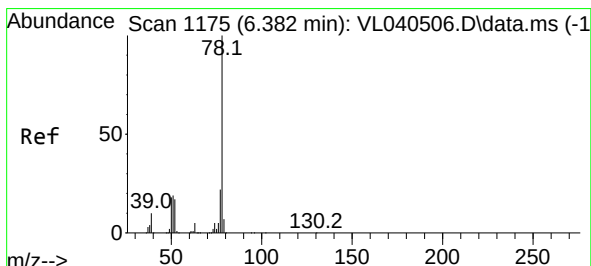
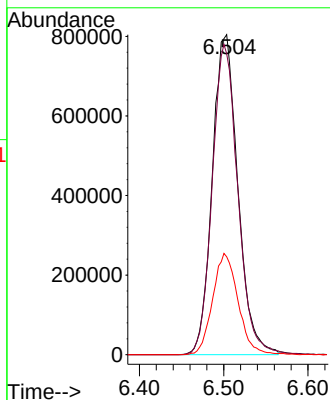
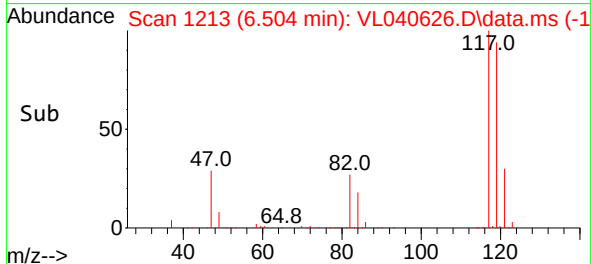
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1697748
Ion Ratio Lower Upper
117 100
119 94.0 77.8 116.6
121 30.6 24.8 37.2

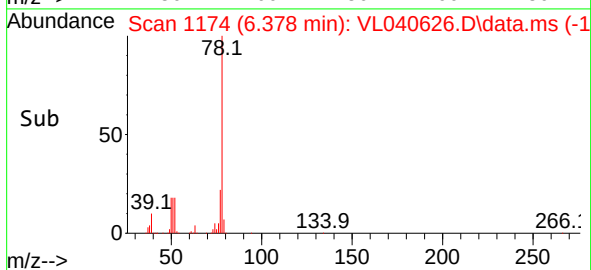
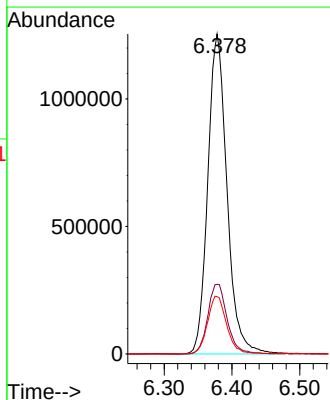
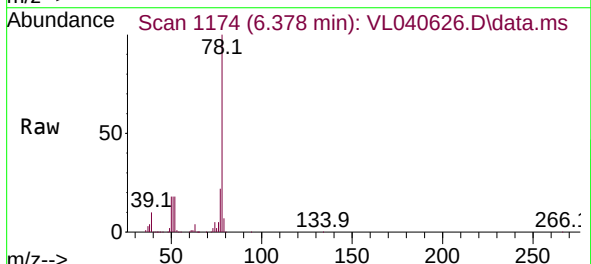
Manual Integrations
APPROVED

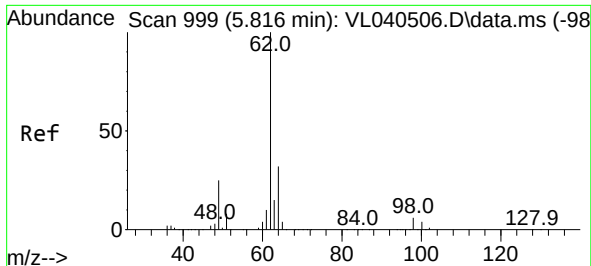
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#36
Benzene
Concen: 11.572 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

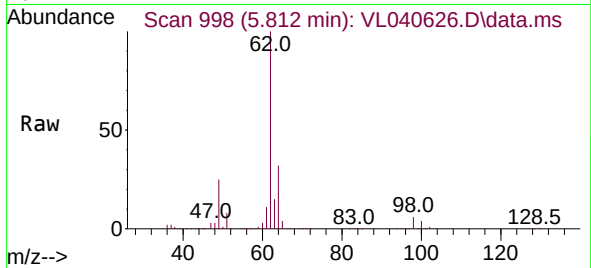
Tgt Ion: 78 Resp: 2467037
Ion Ratio Lower Upper
78 100
77 21.8 17.4 26.0
50 17.9 14.4 21.6





#37
1,2-Dichloroethane
Concen: 10.424 ppbv
RT: 5.812 min Scan# 999
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

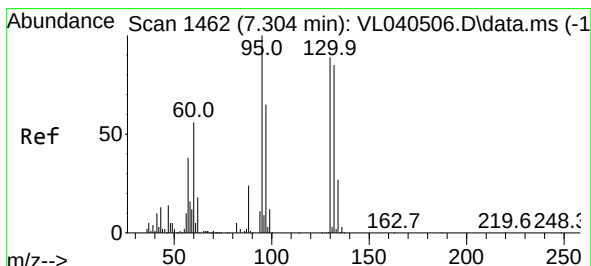
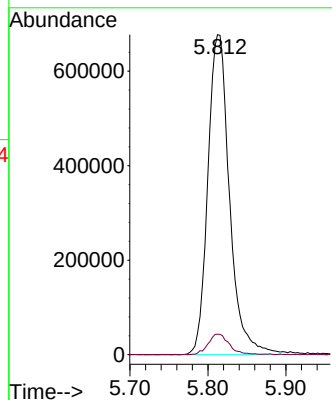
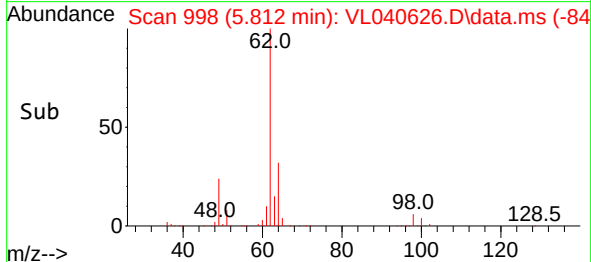
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



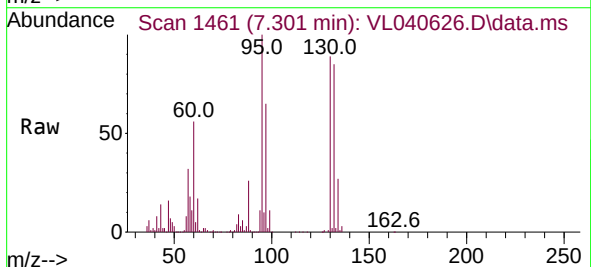
Tgt Ion: 62 Resp: 1307380
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

Manual Integrations
APPROVED

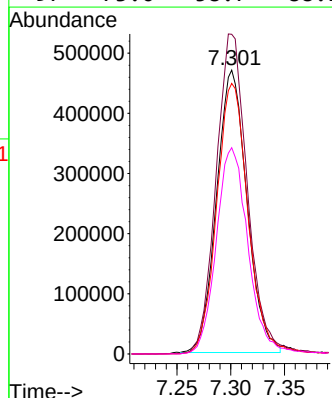
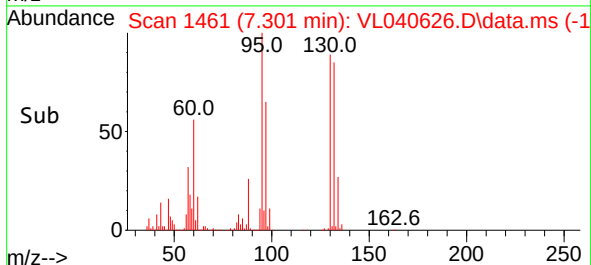
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

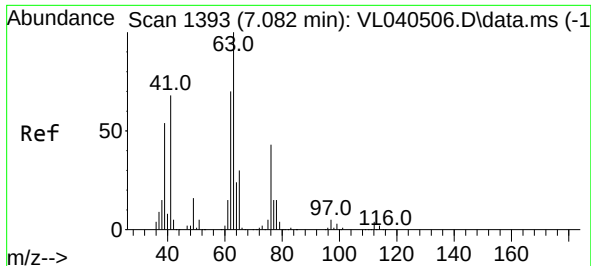


#38
Trichloroethene
Concen: 11.445 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



Tgt Ion:130 Resp: 922950
Ion Ratio Lower Upper
130 100
95 113.0 90.2 135.2
132 95.7 76.3 114.5
97 73.0 58.7 88.1





#39

1,2-Dichloropropane

Concen: 11.426 ppbv

RT: 7.082 min Scan# 1393

Delta R.T. -0.000 min

Lab File: VL040626.D

Acq: 10 Aug 2023 9:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

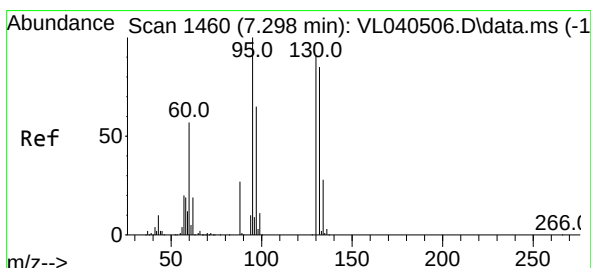
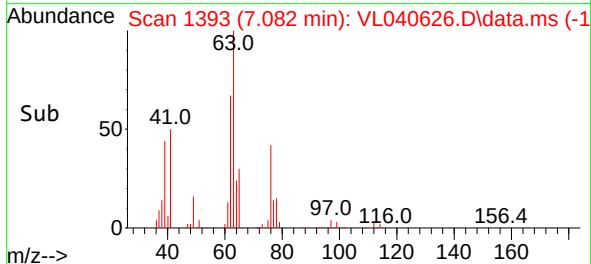
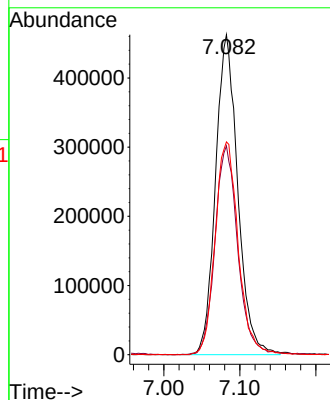
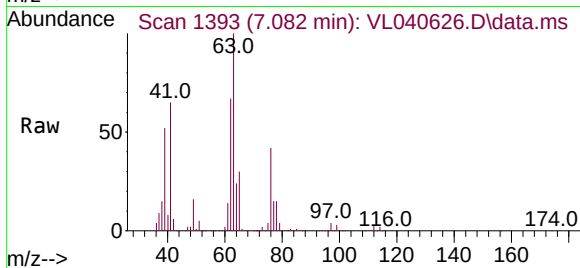
Tgt Ion: 63 Resp: 93776

Ion	Ratio	Lower	Upper
63	100		
41	65.2	54.3	81.5
62	66.5	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#40

1,4-Dioxane

Concen: 12.175 ppbv

RT: 7.298 min Scan# 1460

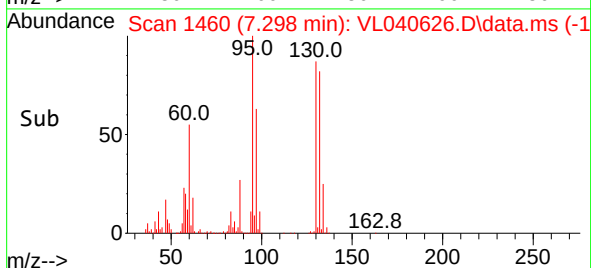
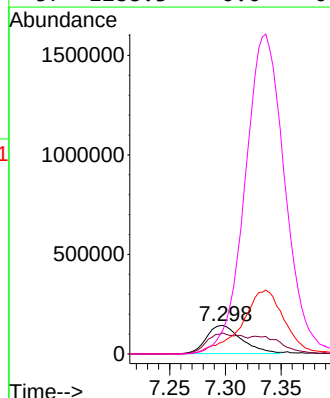
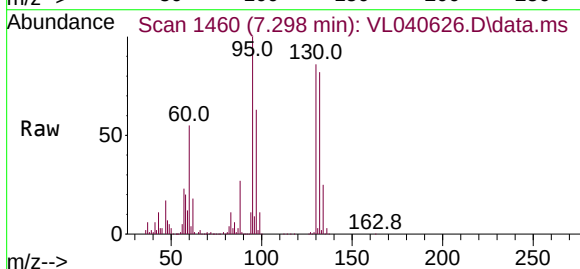
Delta R.T. -0.000 min

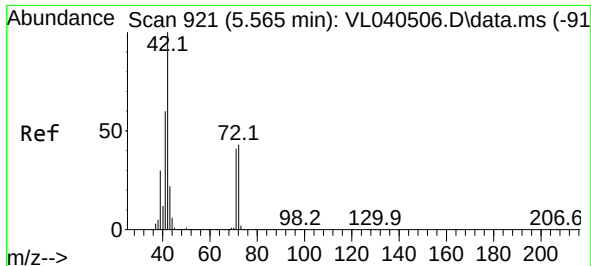
Lab File: VL040626.D

Acq: 10 Aug 2023 9:17

Tgt Ion: 88 Resp: 312525

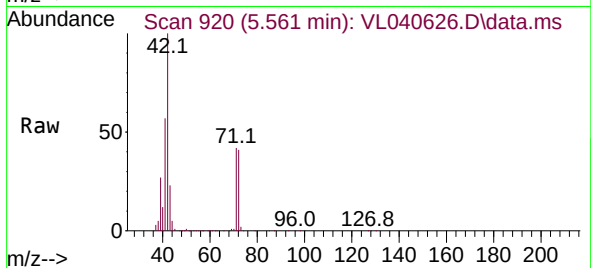
Ion	Ratio	Lower	Upper
88	100		
58	133.8	58.6	88.0#
43	281.8	0.0	0.0#
57	1288.3	0.0	0.0#





#41
Tetrahydrofuran
Concen: 12.331 ppbv
RT: 5.561 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

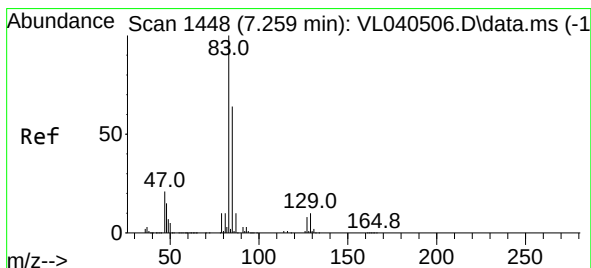
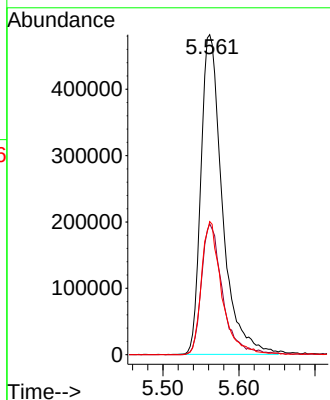
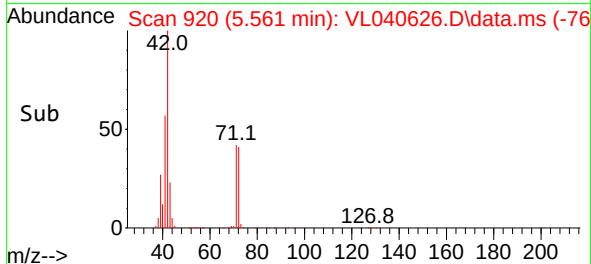
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 942118
Ion Ratio Lower Upper
42 100
72 40.5 33.8 50.8
71 40.1 33.0 49.6

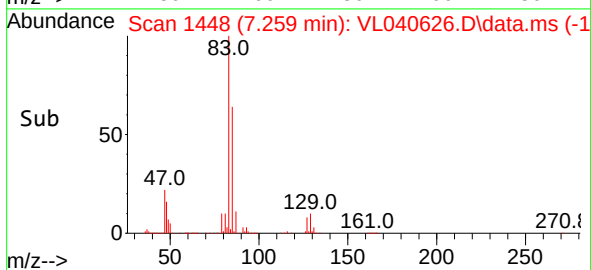
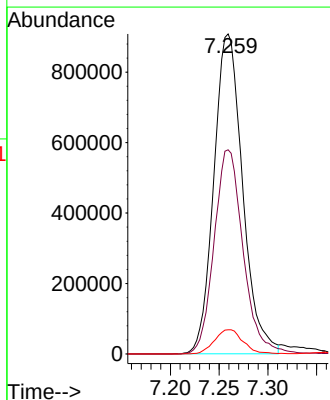
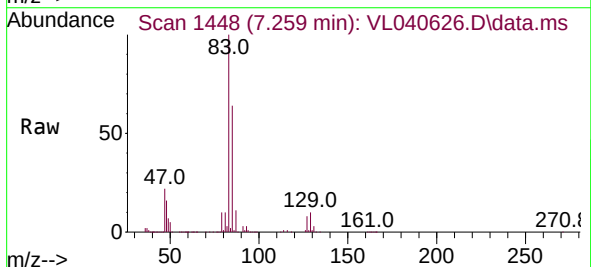
Manual Integrations
APPROVED

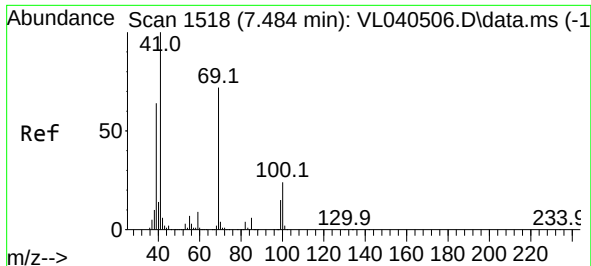
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#42
Bromodichloromethane
Concen: 10.690 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

Tgt Ion: 83 Resp: 1864726
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7
127 7.6 6.5 9.7





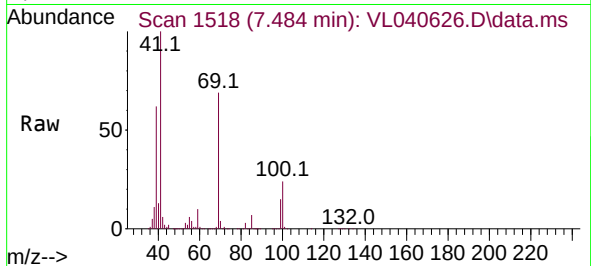
#43
Methyl Methacrylate
Concen: 12.303 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

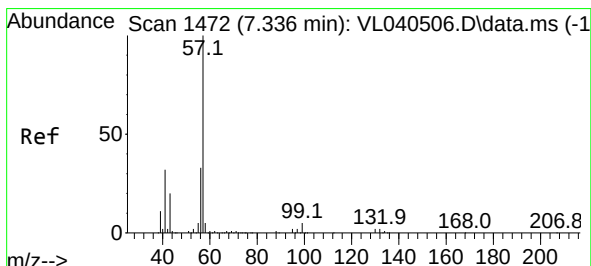
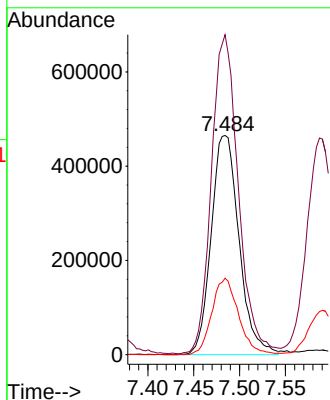
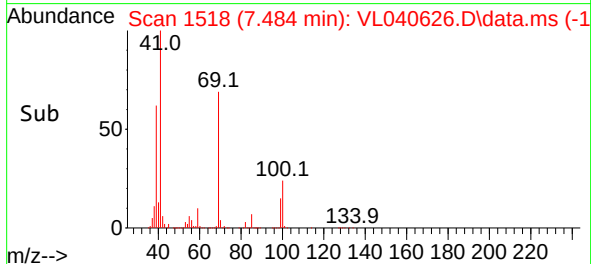


Tgt Ion: 69 Resp: 981752
Ion Ratio Lower Upper
69 100
41 141.3 111.7 167.5
100 33.4 26.9 40.3

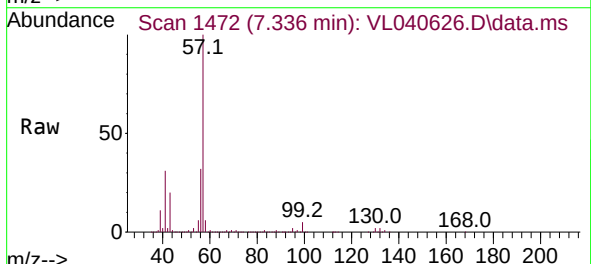
Manual Integrations

APPROVED

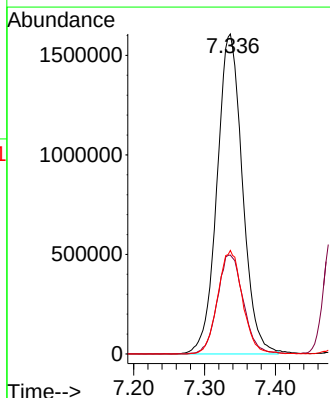
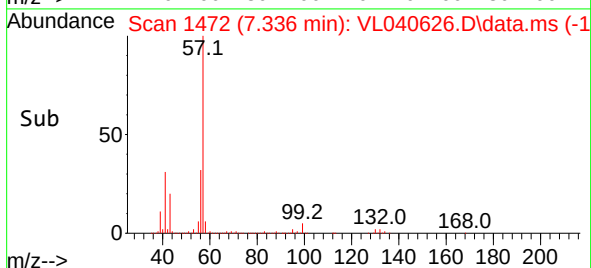
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

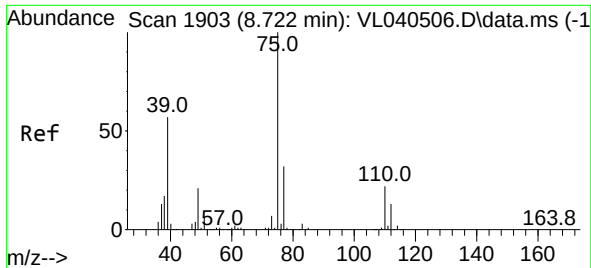


#44
2,2,4-Trimethylpentane
Concen: 11.685 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



Tgt Ion: 57 Resp: 4008111
Ion Ratio Lower Upper
57 100
41 31.8 25.5 38.3
56 31.6 25.1 37.7





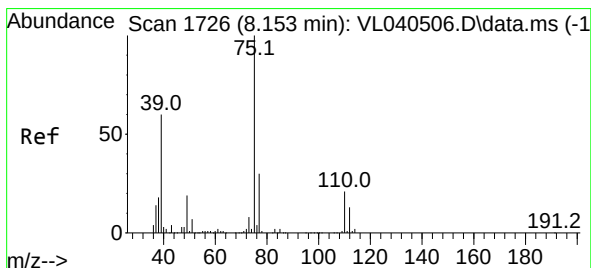
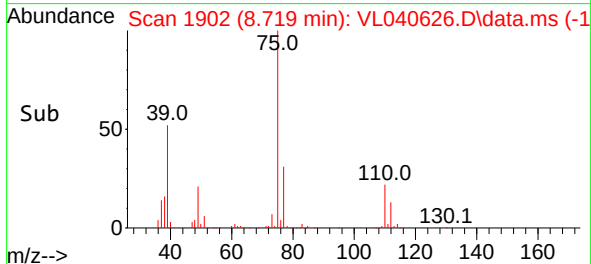
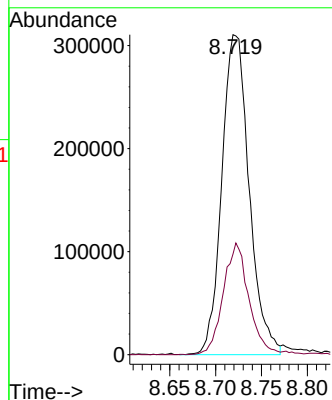
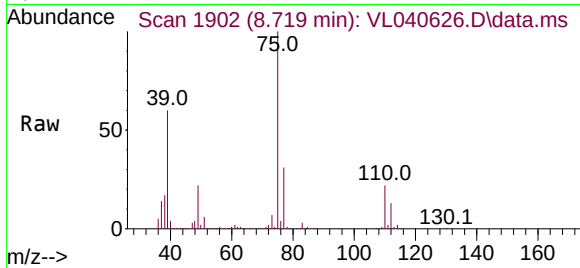
#45
t-1,3-Dichloropropene
Concen: 12.597 ppbv
RT: 8.719 min Scan# 1903
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 64482
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0

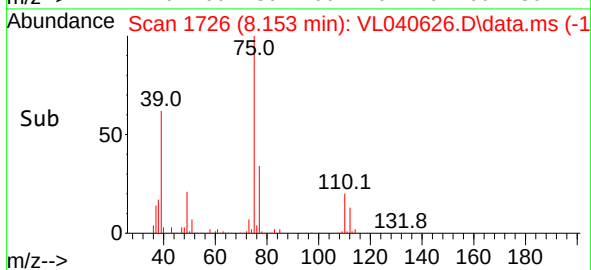
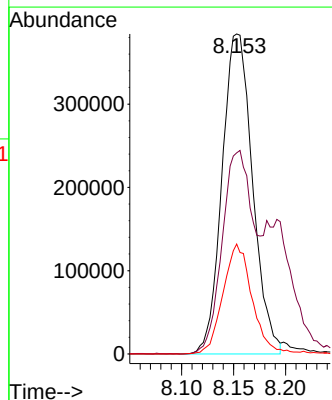
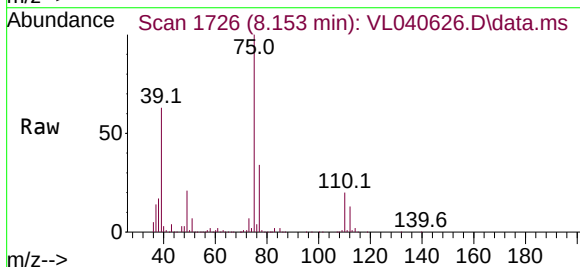
Manual Integrations
APPROVED

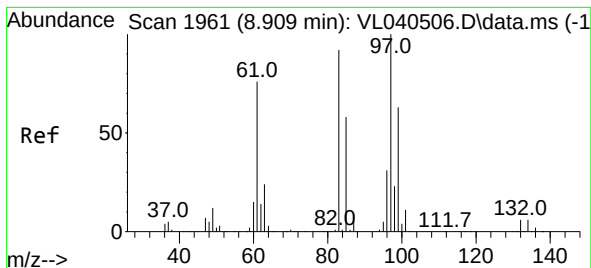
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#46
cis-1,3-Dichloropropene
Concen: 11.977 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

Tgt Ion: 75 Resp: 786587
Ion Ratio Lower Upper
75 100
39 62.9 48.0 72.0
77 34.4 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.876 ppbv

RT: 8.912 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VL040626.D

Acq: 10 Aug 2023 9:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 984789

Ion Ratio Lower Upper

97 100

83 87.0 73.4 110.0

85 59.6 46.6 70.0

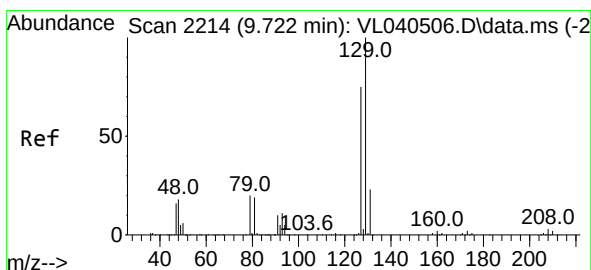
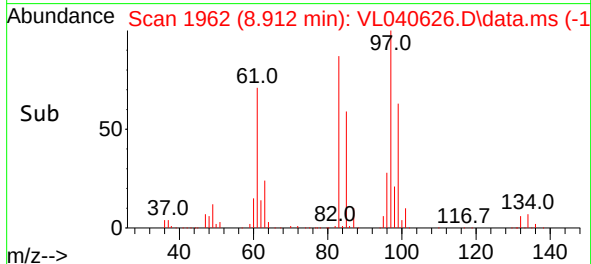
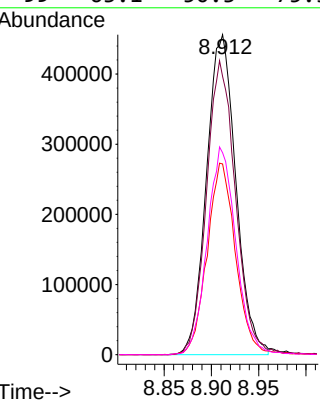
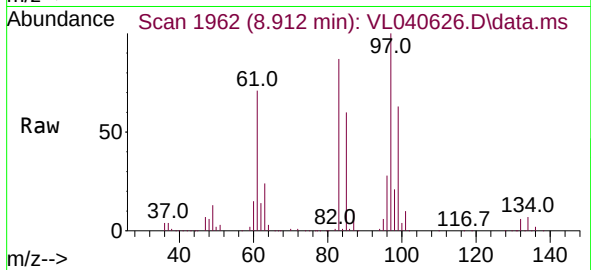
99 63.1 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#48

Dibromochloromethane

Concen: 11.414 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VL040626.D

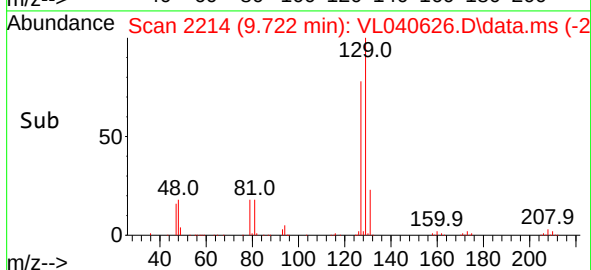
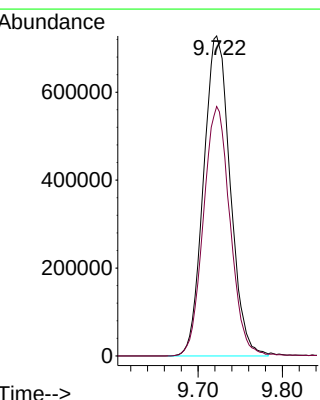
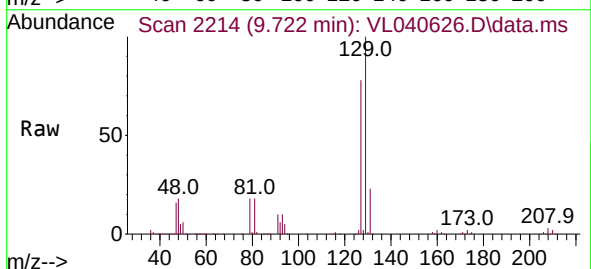
Acq: 10 Aug 2023 9:17

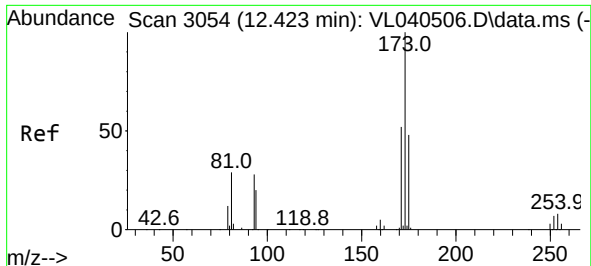
Tgt Ion:129 Resp: 1598032

Ion Ratio Lower Upper

129 100

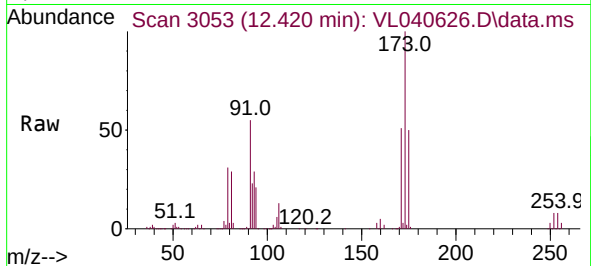
127 78.3 39.1 117.3





#49
Bromoform
Concen: 11.833 ppbv
RT: 12.420 min Scan# 3054
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

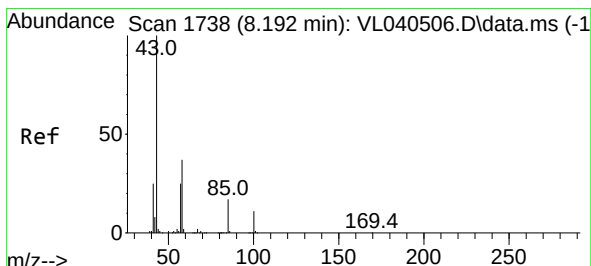
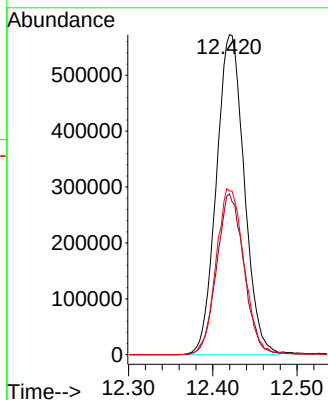
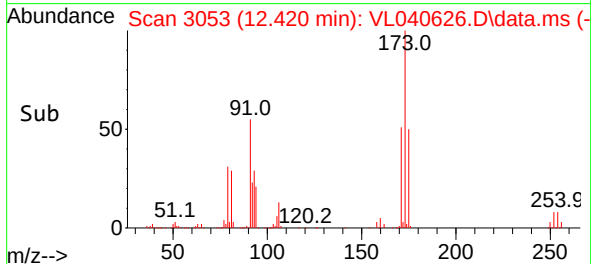
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion: 173 Resp: 131342
Ion Ratio Lower Upper
173 100
175 49.5 39.5 59.3
171 52.3 42.2 63.4

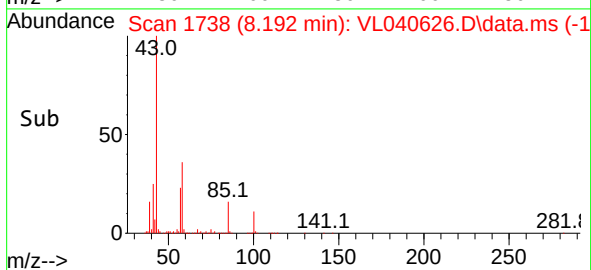
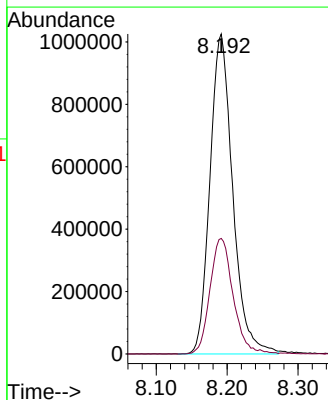
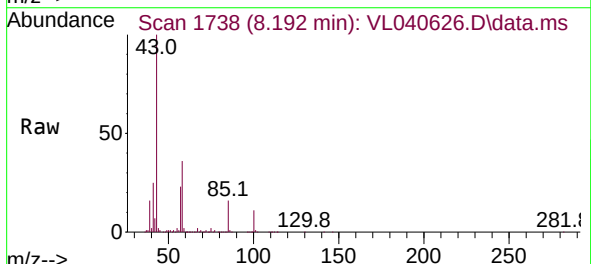
Manual Integrations
APPROVED

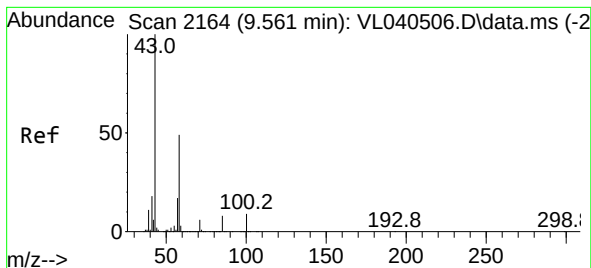
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#50
4-Methyl-2-Pentanone
Concen: 12.022 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

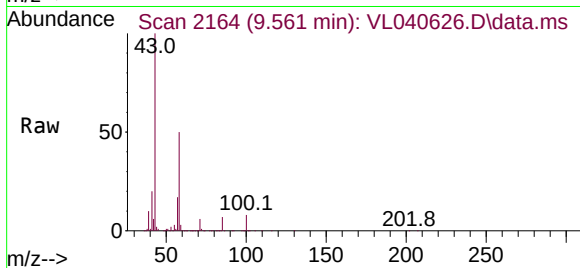
Tgt Ion: 43 Resp: 2287022
Ion Ratio Lower Upper
43 100
58 37.1 30.2 45.2





#51
2-Hexanone
Concen: 12.175 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

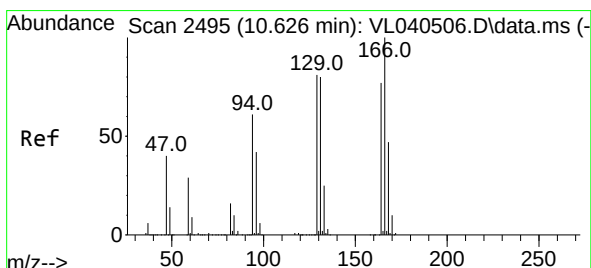
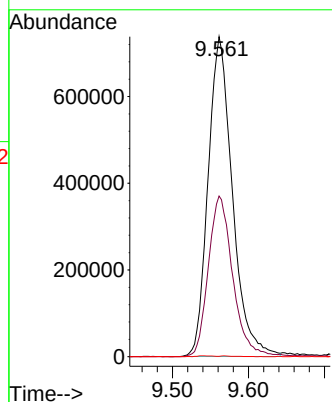
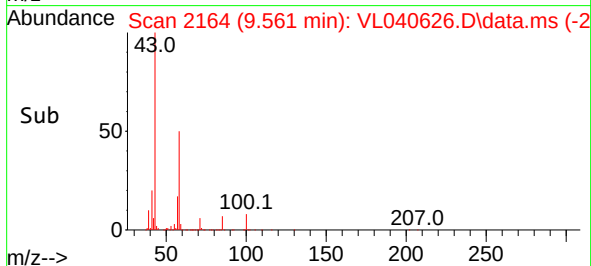
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 163782
Ion Ratio Lower Upper
43 100
58 51.0 39.7 59.5
98 0.2 0.3 0.5

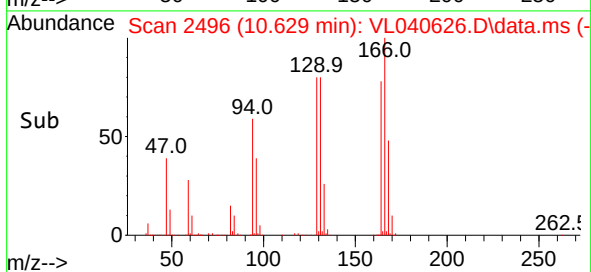
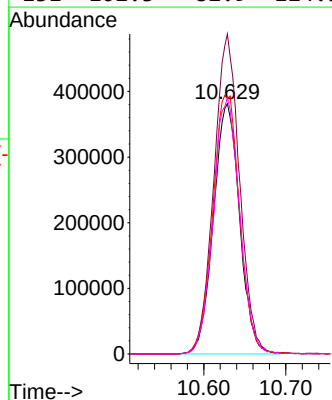
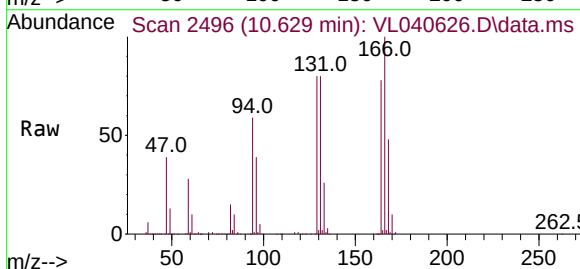
Manual Integrations
APPROVED

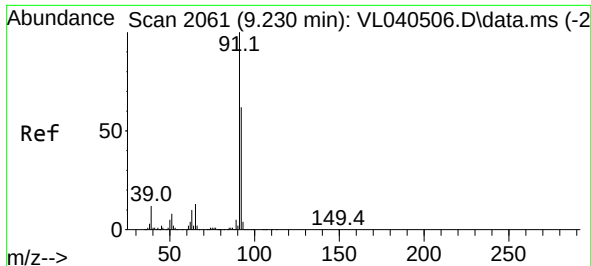
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#52
Tetrachloroethene
Concen: 12.190 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

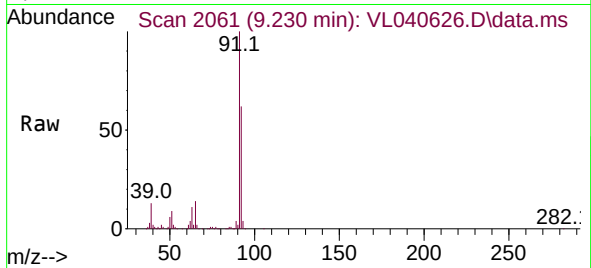
Tgt Ion:164 Resp: 841615
Ion Ratio Lower Upper
164 100
166 127.7 103.9 155.9
129 101.7 84.6 126.8
131 102.3 82.9 124.3





#53
Toluene
Concen: 12.035 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

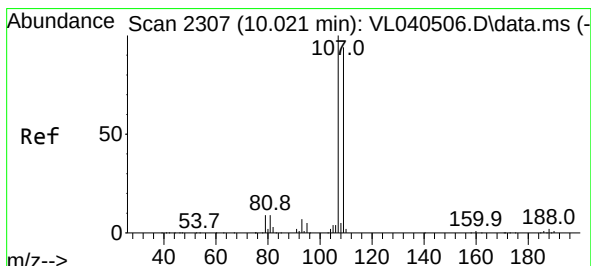
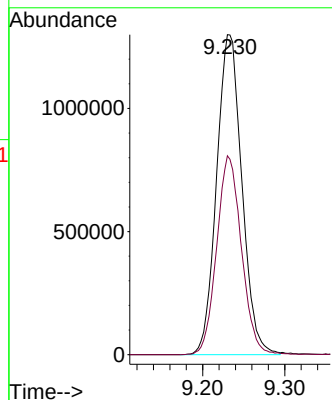
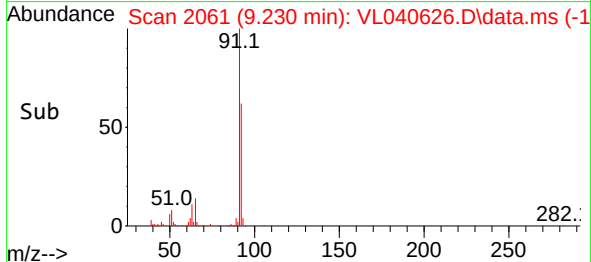
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



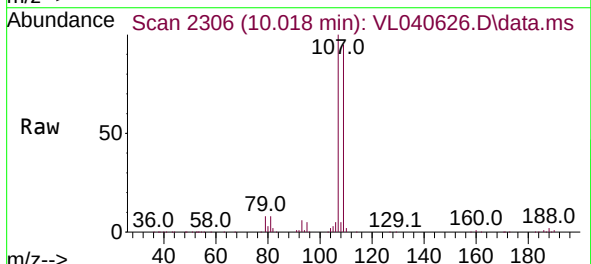
Tgt Ion: 91 Resp: 278709
Ion Ratio Lower Upper
91 100
92 61.0 49.1 73.7

Manual Integrations
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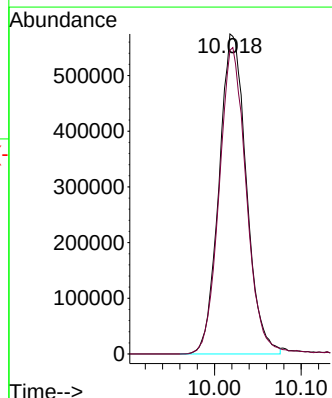
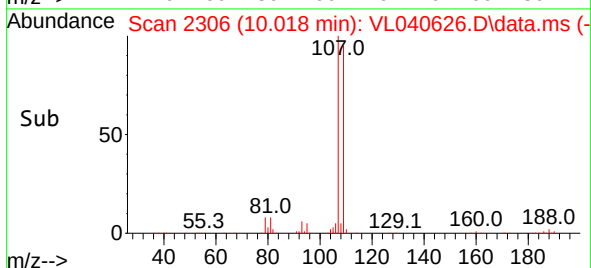
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

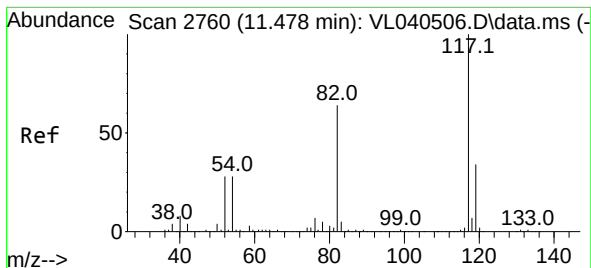


#54
1,2-Dibromoethane
Concen: 11.186 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



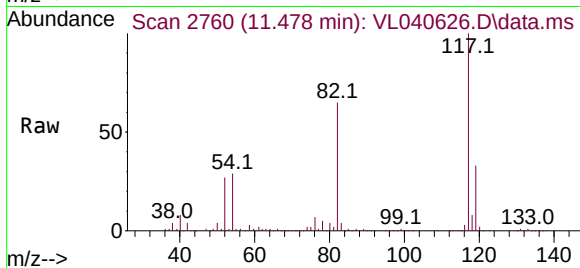
Tgt Ion:107 Resp: 1259002
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

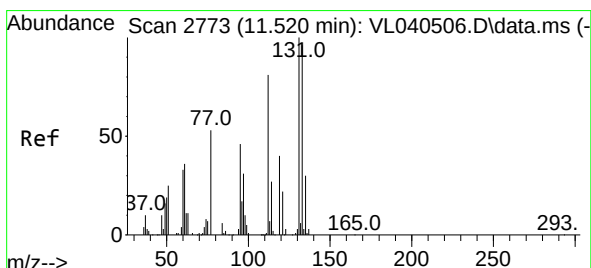
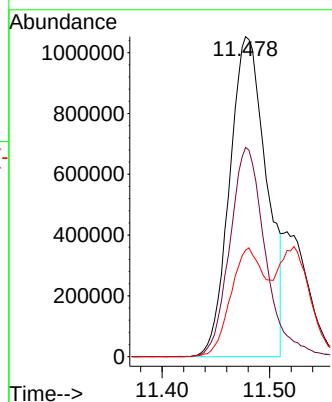
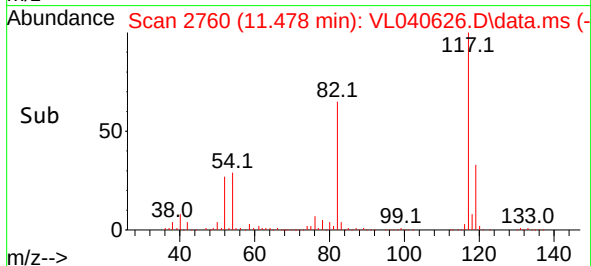
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



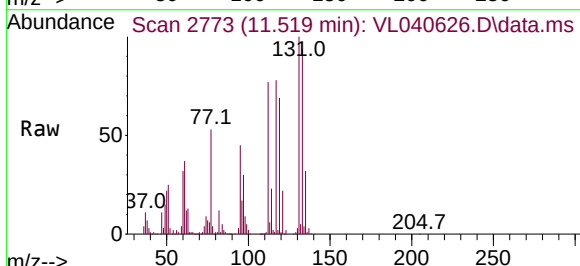
Tgt Ion:117 Resp: 250604
Ion Ratio Lower Upper
117 100
82 63.8 50.2 75.4
119 33.2 26.9 40.3

Manual Integrations
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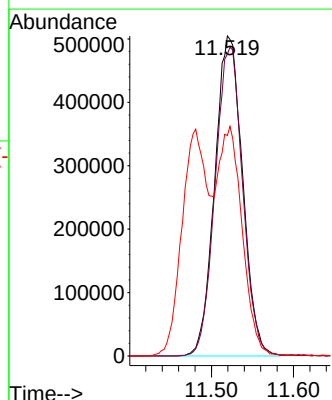
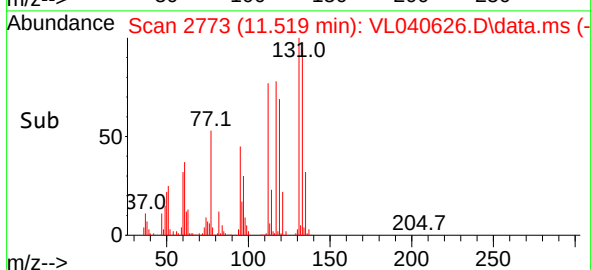
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

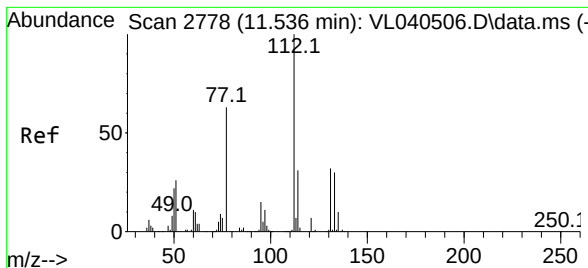


#56
1,1,1,2-Tetrachloroethane
Concen: 10.593 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



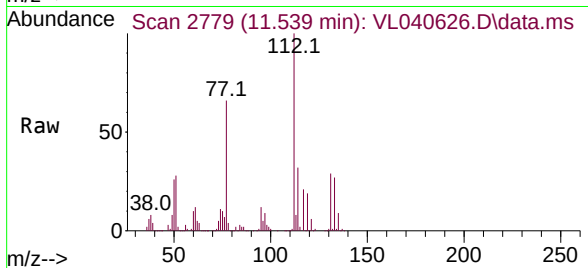
Tgt Ion:131 Resp: 1188835
Ion Ratio Lower Upper
131 100
133 95.7 76.3 114.5
119 65.5 51.1 76.7





#57
Chlorobenzene
Concen: 10.868 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

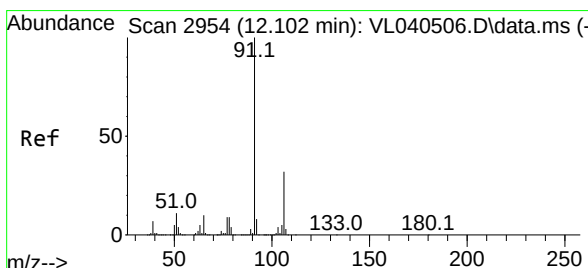
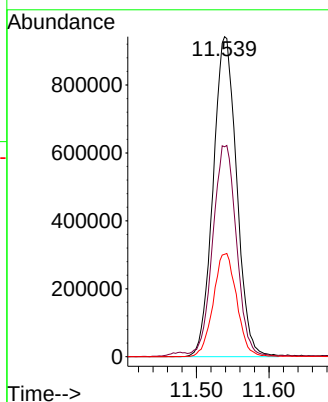
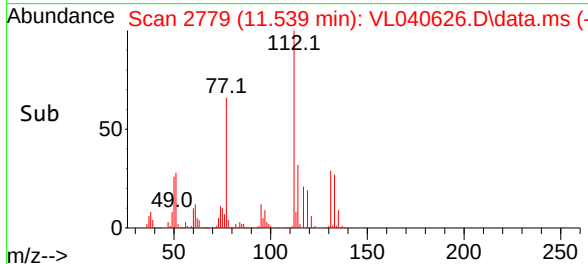
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



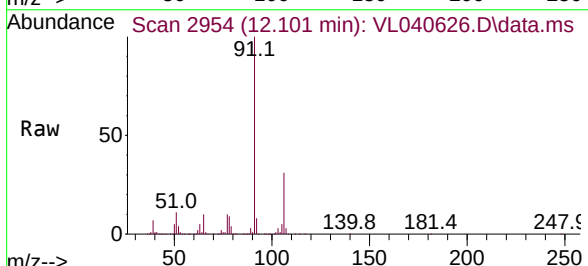
Tgt Ion:112 Resp: 2124100
Ion Ratio Lower Upper
112 100
77 65.4 51.0 76.6
114 32.0 28.3 34.5

Manual Integrations
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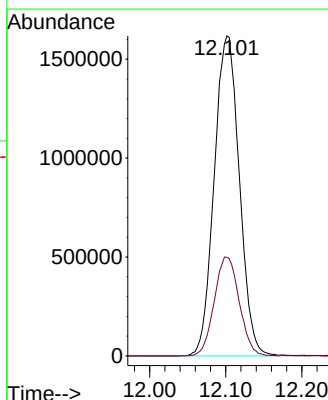
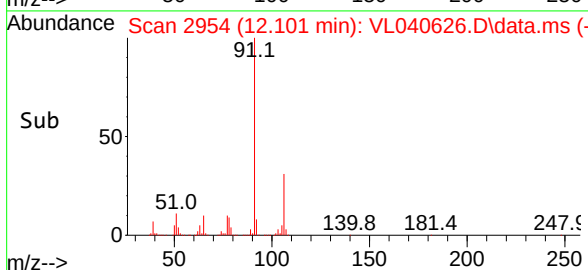
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

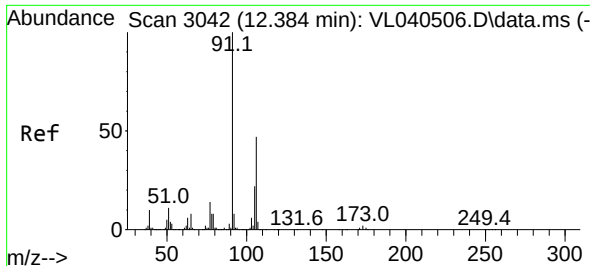


#58
Ethyl Benzene
Concen: 11.811 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



Tgt Ion: 91 Resp: 3714430
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0





#59

m/p-Xylene

Concen: 22.151 ppbv m

RT: 12.388 min Scan# 3043

Delta R.T. 0.003 min

Lab File: VL040626.D

Acq: 10 Aug 2023 9:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 6217584

Ion Ratio Lower Upper

91 100

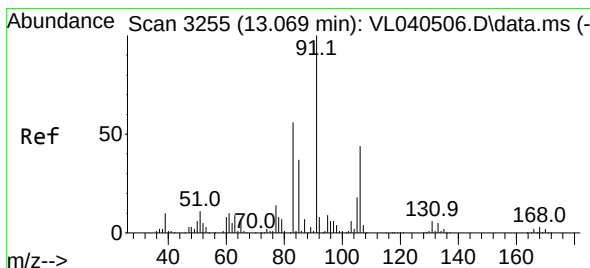
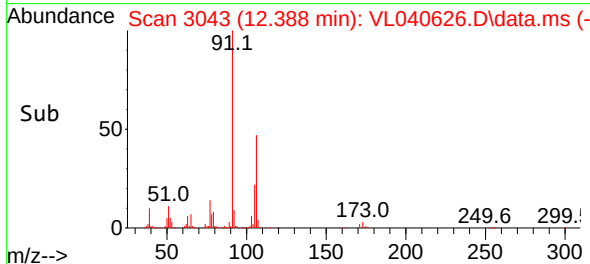
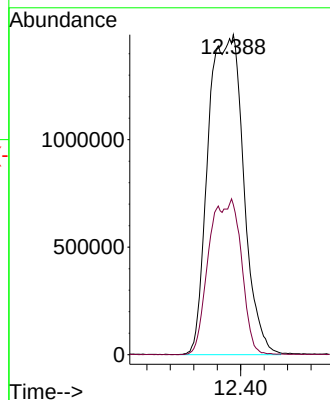
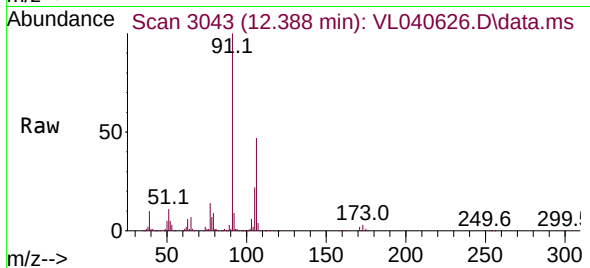
106 44.8 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#60

o-Xylene

Concen: 11.098 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VL040626.D

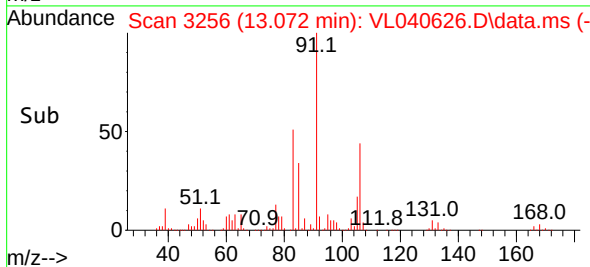
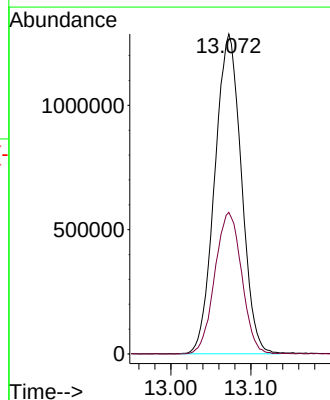
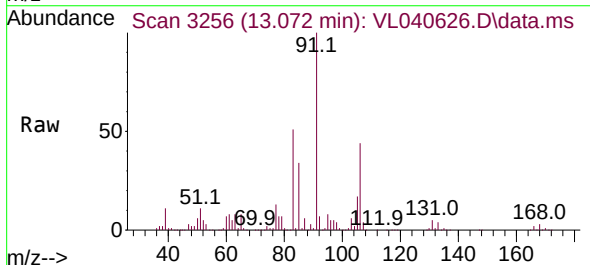
Acq: 10 Aug 2023 9:17

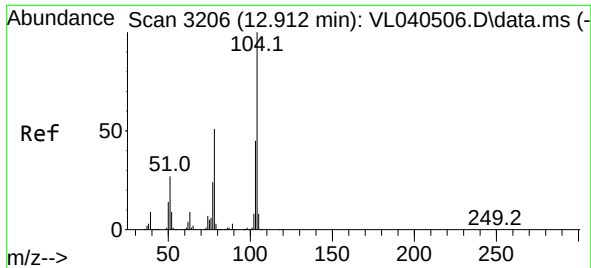
Tgt Ion: 91 Resp: 2967539

Ion Ratio Lower Upper

91 100

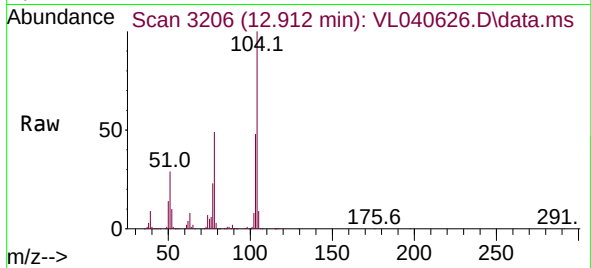
106 44.9 22.7 68.0





#61
Styrene
Concen: 12.735 ppbv
RT: 12.912 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

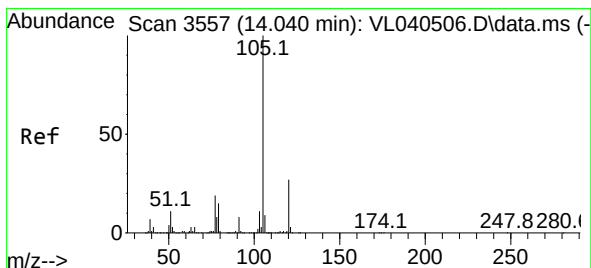
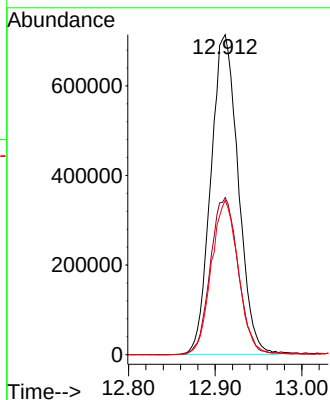
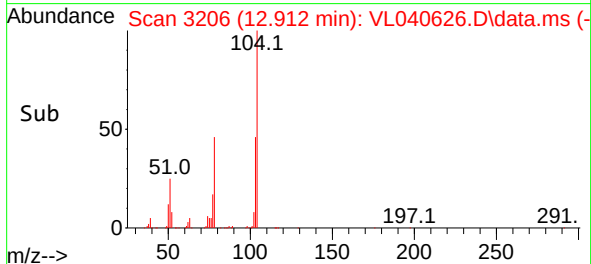
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



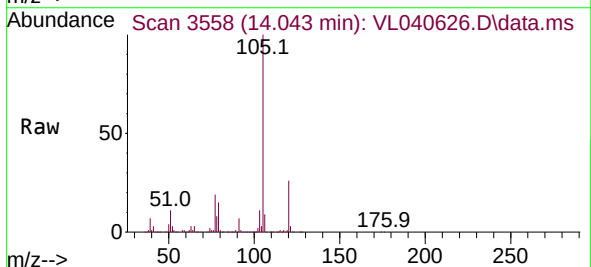
Tgt Ion:104 Resp: 1570794
Ion Ratio Lower Upper
104 100
78 50.3 40.1 60.1
103 47.8 37.0 55.4

Manual Integrations
APPROVED

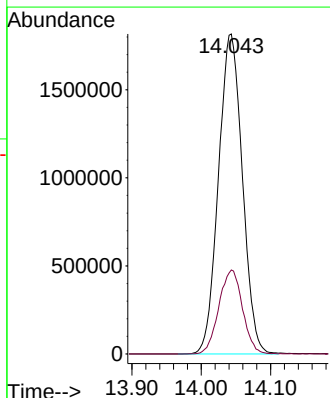
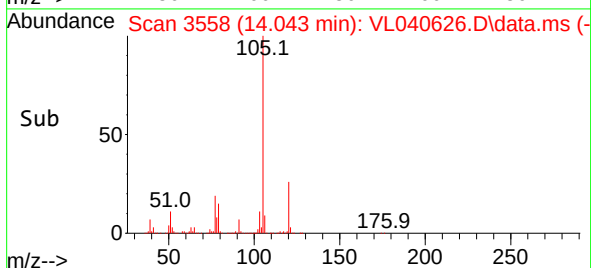
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

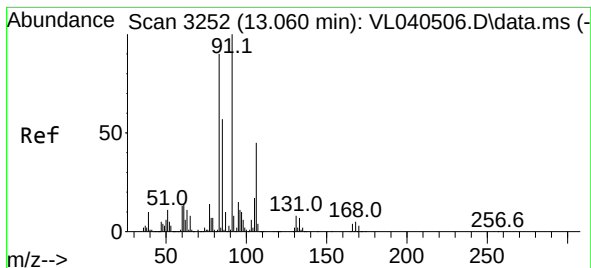


#62
Isopropylbenzene
Concen: 10.865 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



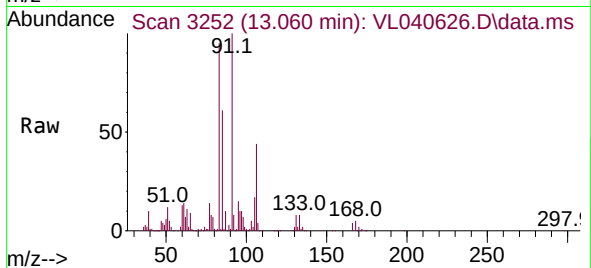
Tgt Ion:105 Resp: 4354333
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 11.041 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

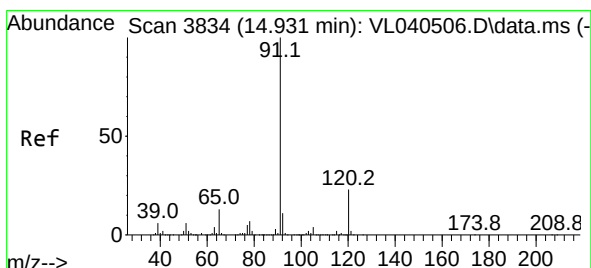
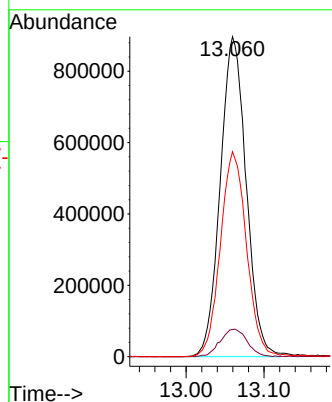
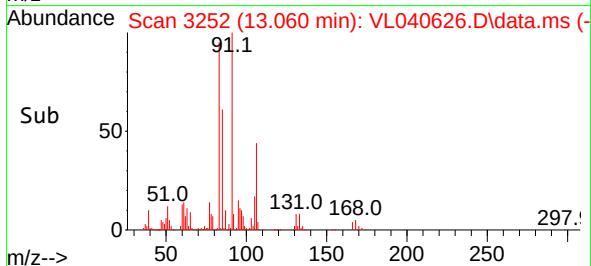
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



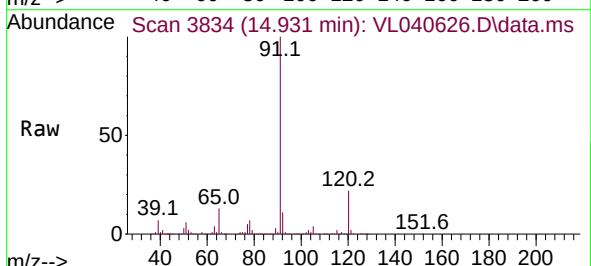
Tgt Ion: 83 Resp: 2067508
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.4 32.8 98.3

Manual Integrations
APPROVED

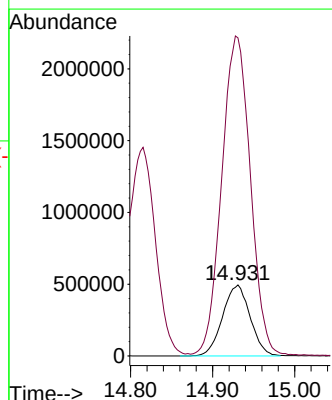
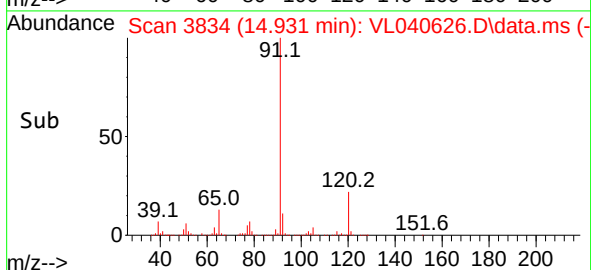
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

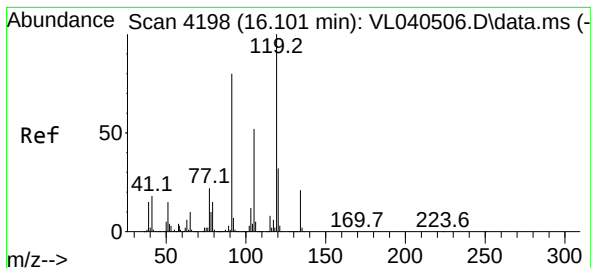


#64
n-propylbenzene
Concen: 11.136 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



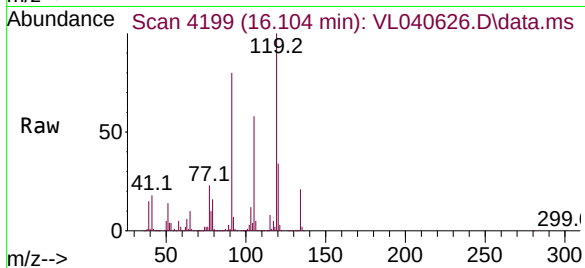
Tgt Ion:120 Resp: 1154745
Ion Ratio Lower Upper
120 100
91 471.7 374.3 561.5





#65
tert-Butylbenzene
Concen: 10.656 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

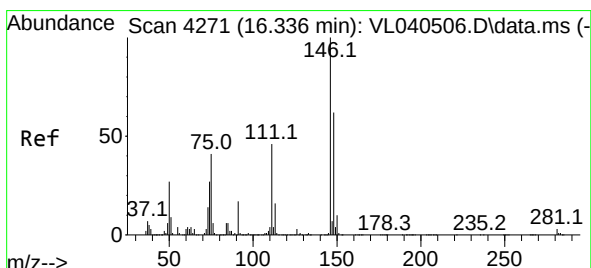
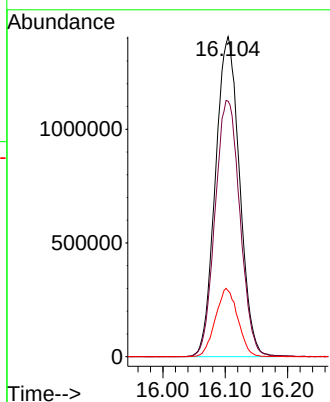
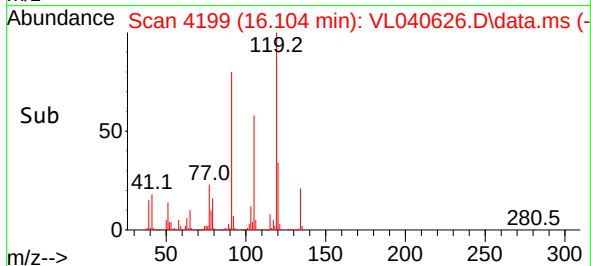
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



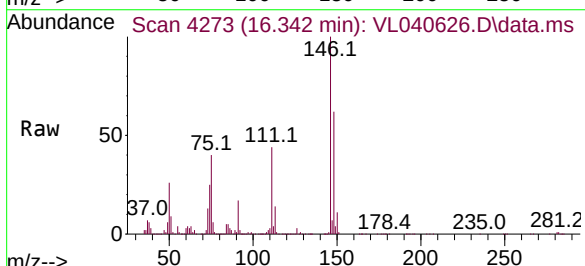
Tgt Ion: 119 Resp: 3781059
Ion Ratio Lower Upper
119 100
91 82.4 66.1 99.1
134 19.8 15.7 23.5

Manual Integrations
APPROVED

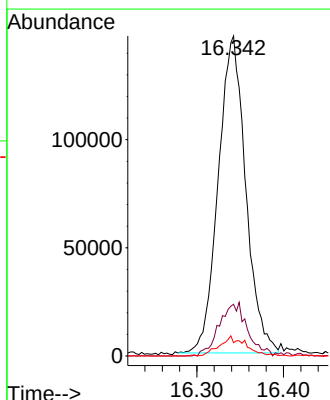
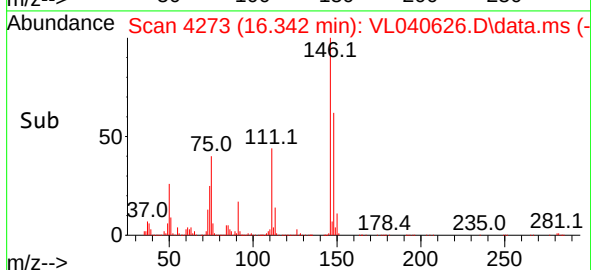
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

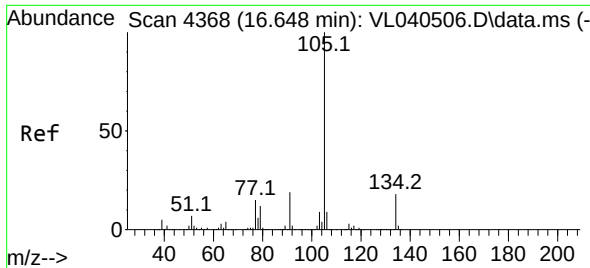


#66
Benzyl Chloride
Concen: 12.854 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.006 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



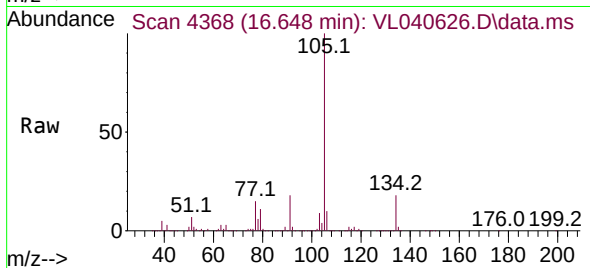
Tgt Ion: 91 Resp: 322646
Ion Ratio Lower Upper
91 100
126 17.9 15.4 23.2
128 6.1 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 10.393 ppbv
 RT: 16.648 min Scan# 4368
 Delta R.T. -0.000 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

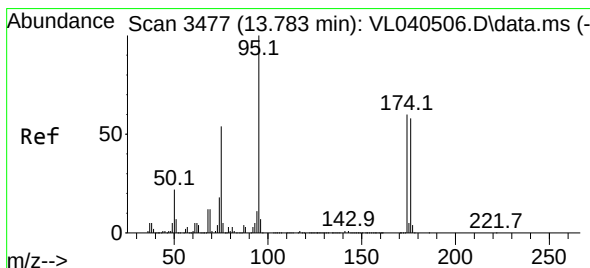
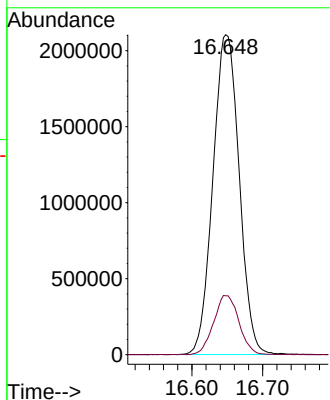
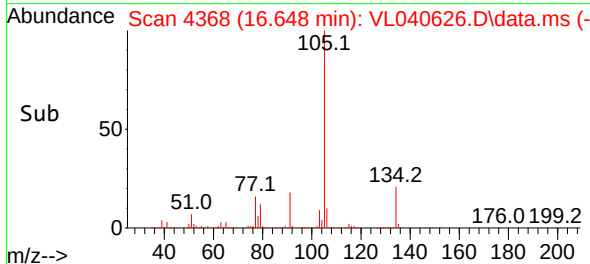
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 541815
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.4 21.6

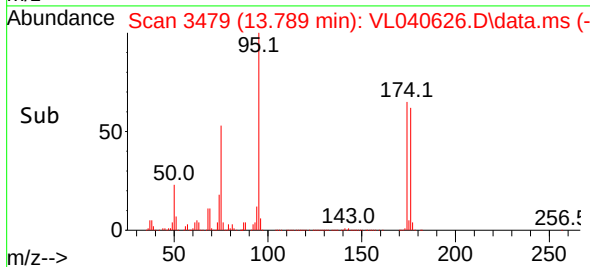
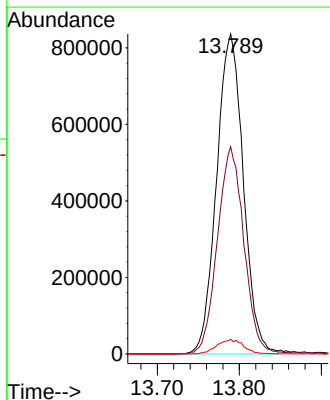
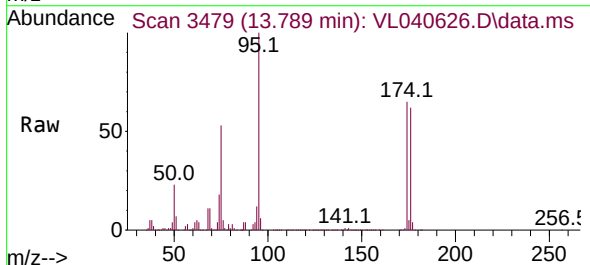
Manual Integrations
 APPROVED

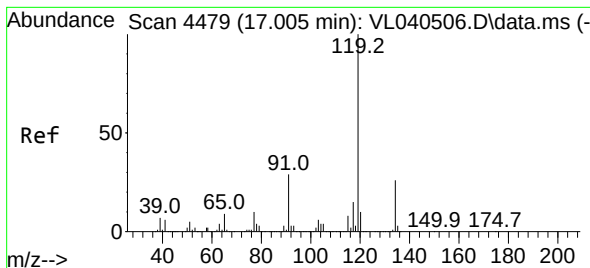
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.552 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.006 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

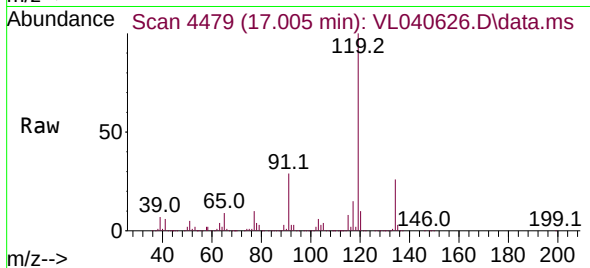
Tgt Ion: 95 Resp: 1894460
 Ion Ratio Lower Upper
 95 100
 174 64.5 50.6 75.8
 175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.477 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

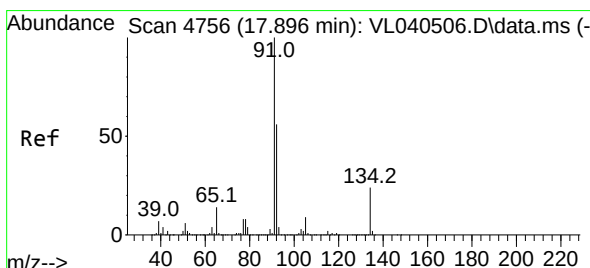
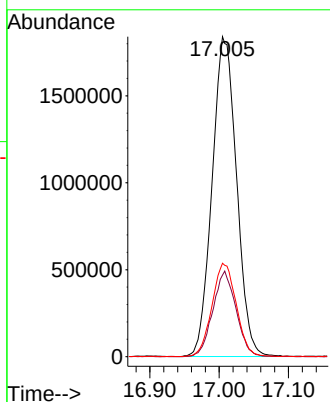
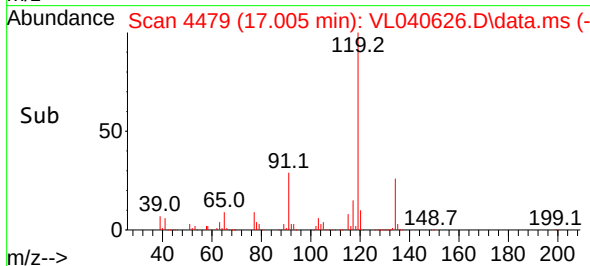
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



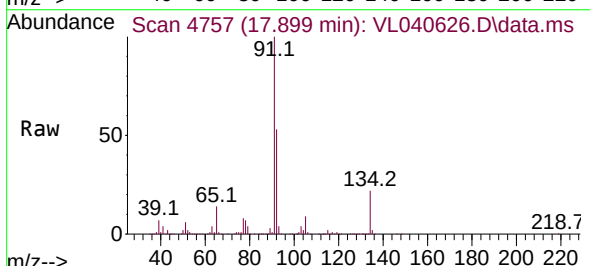
Tgt Ion: 119 Resp: 451368
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 29.1 23.8 35.8

Manual Integrations
APPROVED

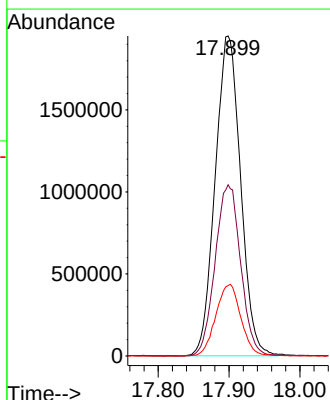
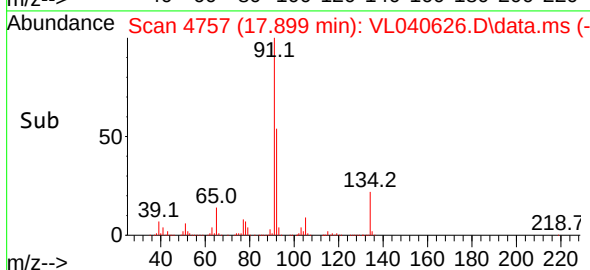
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

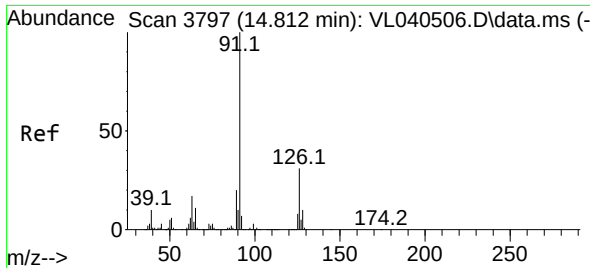


#70
n-Butylbenzene
Concen: 10.113 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



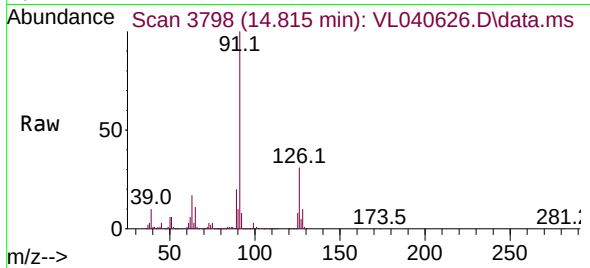
Tgt Ion: 91 Resp: 4858728
Ion Ratio Lower Upper
91 100
92 53.8 43.4 65.0
134 22.2 18.1 27.1





#71
2-Chlorotoluene
Concen: 10.993 ppbv
RT: 14.815 min Scan# 3797
Delta R.T. 0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

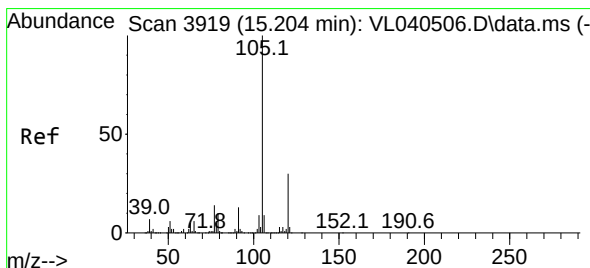
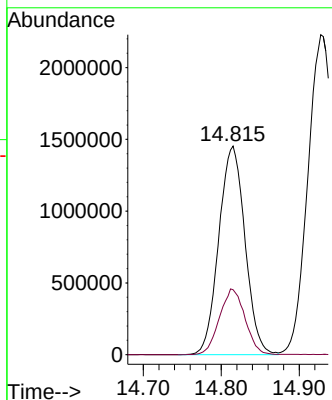
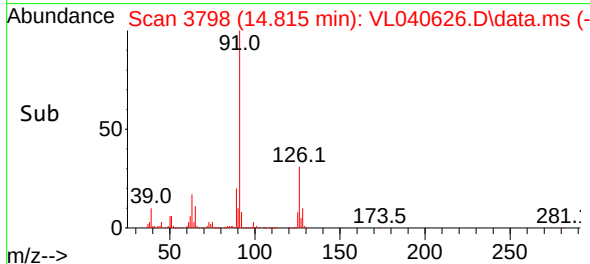
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



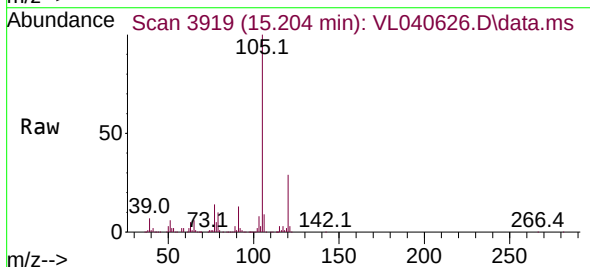
Tgt Ion: 91 Resp: 3395360
Ion Ratio Lower Upper
91 100
126 30.9 12.4 49.8

Manual Integrations
APPROVED

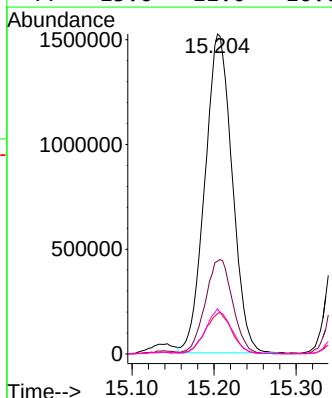
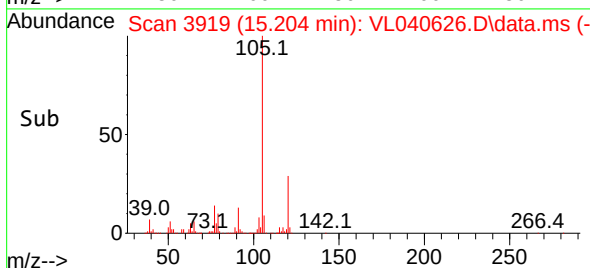
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

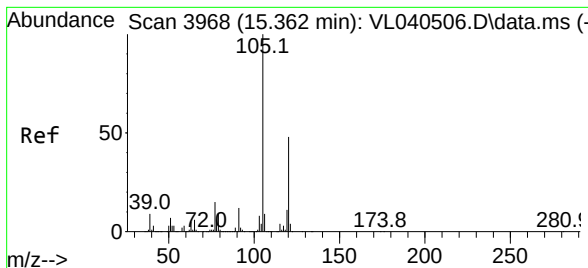


#72
4-Ethyltoluene
Concen: 11.240 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



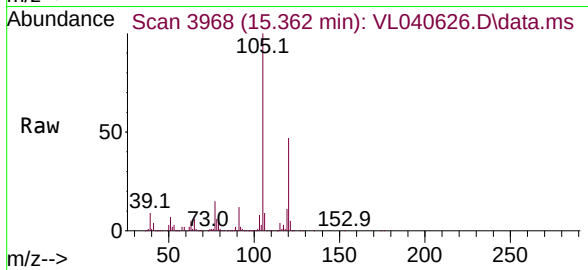
Tgt Ion:105 Resp: 3523121
Ion Ratio Lower Upper
105 100
120 30.8 24.6 37.0
91 13.4 10.7 16.1
77 13.6 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 11.035 ppbv
RT: 15.362 min Scan# 3968
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

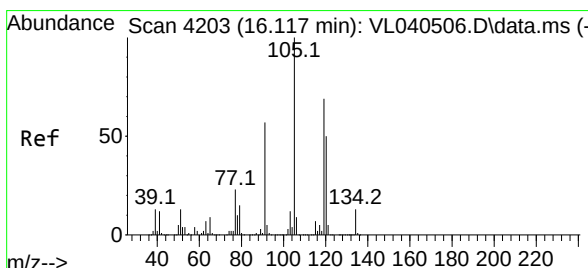
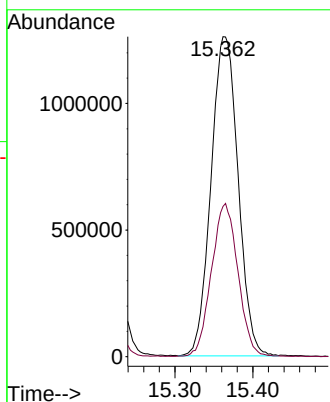
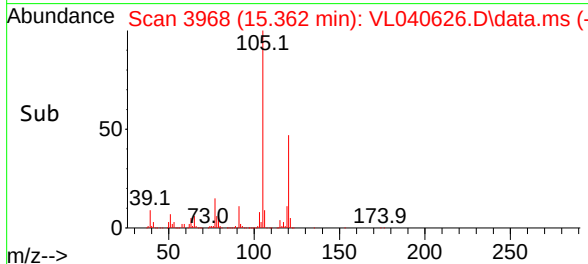
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 3048914
Ion Ratio Lower Upper
105 100
120 46.8 38.2 57.2

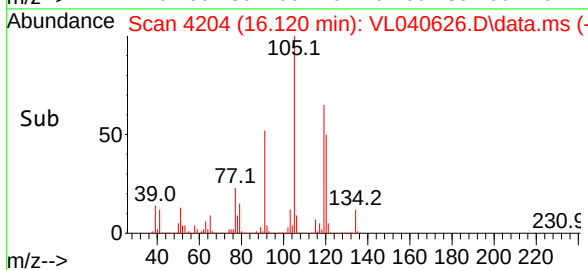
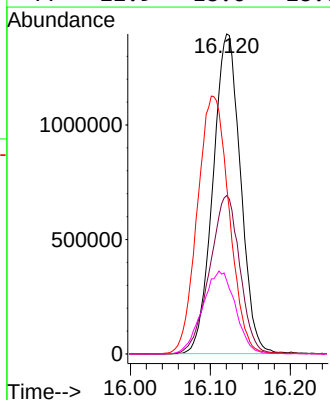
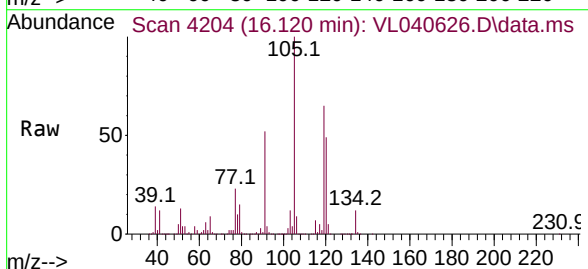
Manual Integrations
APPROVED

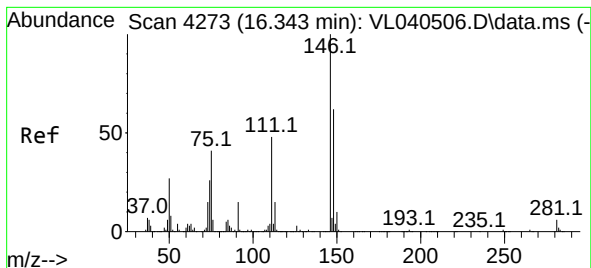
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#74
1,2,4-Trimethylbenzene
Concen: 10.341 ppbv
RT: 16.120 min Scan# 4204
Delta R.T. 0.003 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

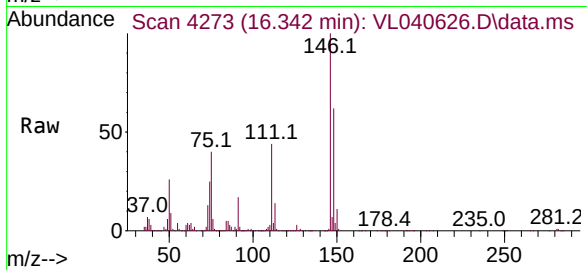
Tgt Ion:105 Resp: 3331147
Ion Ratio Lower Upper
105 100
120 49.2 40.3 60.5
91 52.2 46.8 70.2
77 22.9 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 10.263 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17

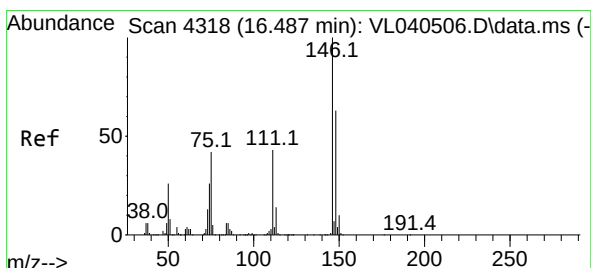
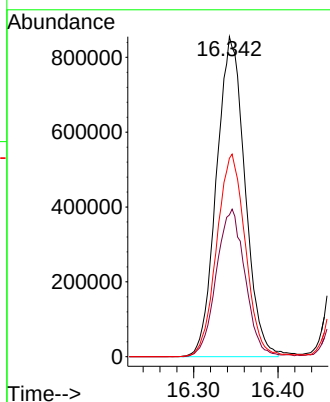
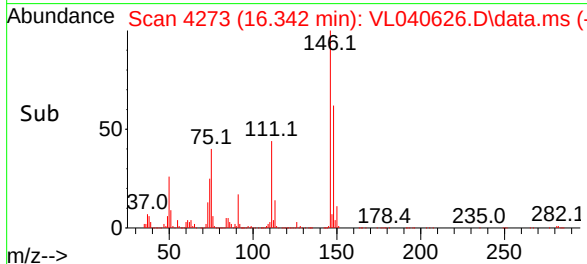
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



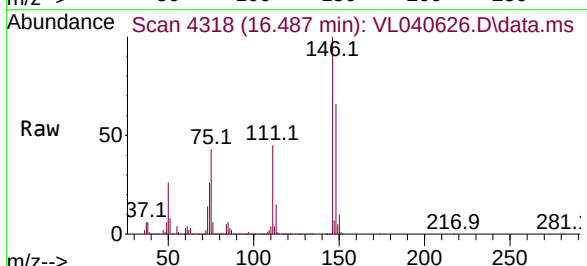
Tgt Ion:146 Resp: 200441
Ion Ratio Lower Upper
146 100
111 46.8 23.6 71.0
148 64.0 32.2 96.6

Manual Integrations
APPROVED

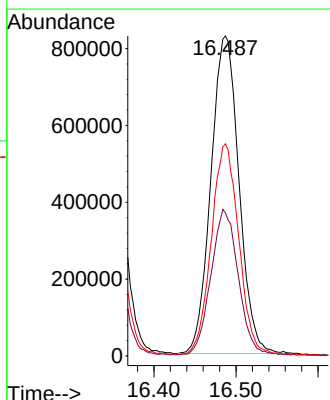
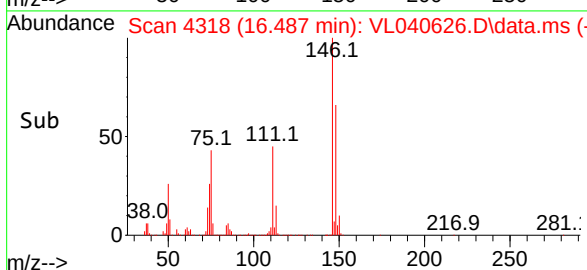
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

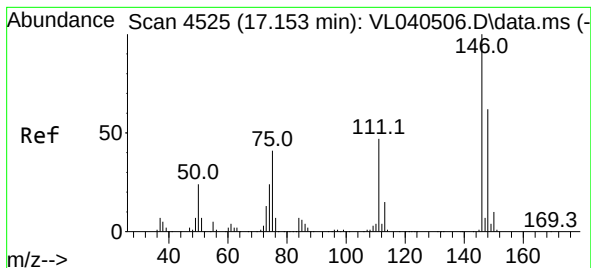


#76
1,4-Dichlorobenzene
Concen: 10.220 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. -0.000 min
Lab File: VL040626.D
Acq: 10 Aug 2023 9:17



Tgt Ion:146 Resp: 1957242
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.3
148 66.2 32.6 97.8





#77

1,2-Dichlorobenzene

Concen: 10.266 ppbv

RT: 17.153 min Scan# 4525

Delta R.T. -0.000 min

Lab File: VL040626.D

Acq: 10 Aug 2023 9:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 191712

Ion Ratio Lower Upper

146 100

111 47.9 24.3 72.8

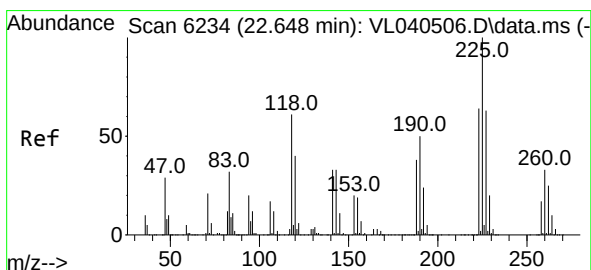
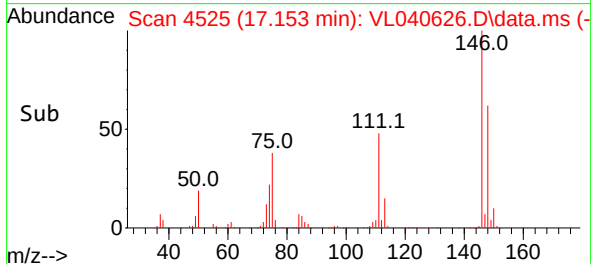
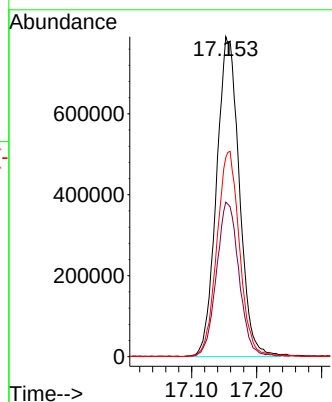
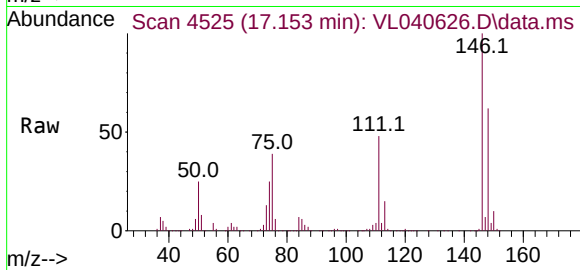
148 63.8 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#78

Hexachloro-1,3-Butadiene

Concen: 7.955 ppbv m

RT: 22.648 min Scan# 6234

Delta R.T. -0.000 min

Lab File: VL040626.D

Acq: 10 Aug 2023 9:17

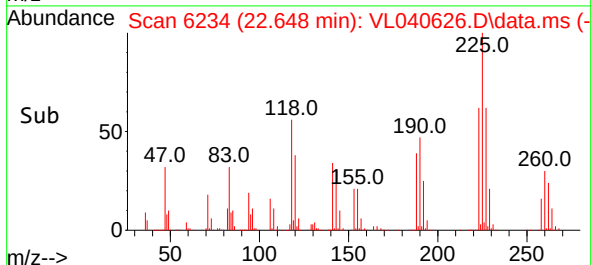
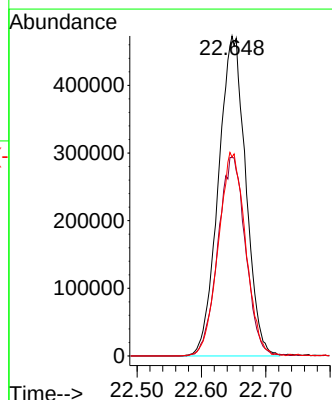
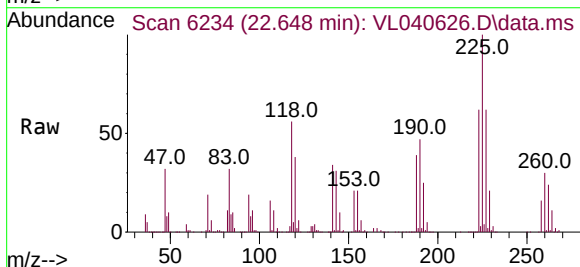
Tgt Ion:225 Resp: 1395147

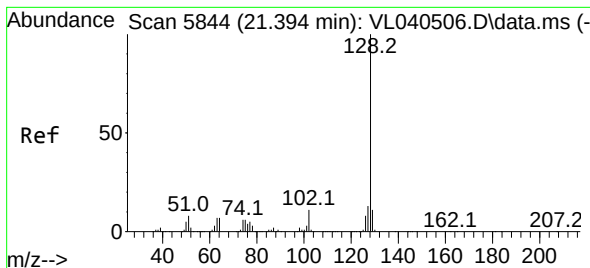
Ion Ratio Lower Upper

225 100

223 63.1 50.3 75.5

227 64.0 51.0 76.6





#79

Naphthalene

Concen: 10.653 ppbv

RT: 21.397 min Scan# 5845

Delta R.T. 0.003 min

Lab File: VL040626.D

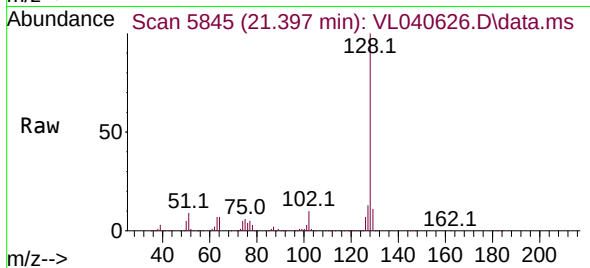
Acq: 10 Aug 2023 9:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 290364

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

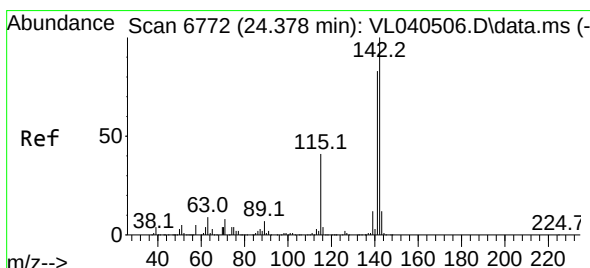
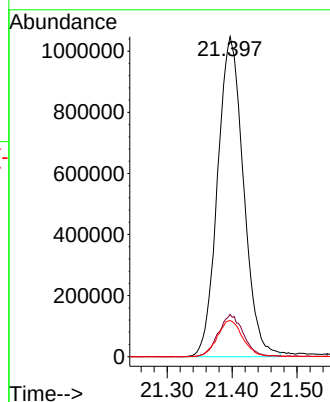
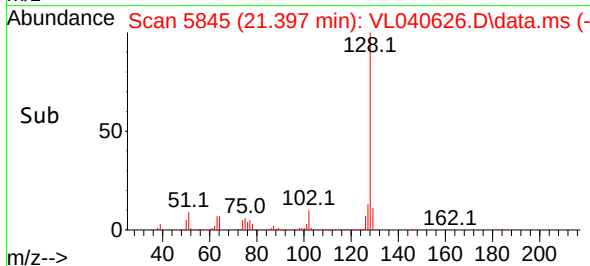
129 11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#80

Naphthalene,2-methyl-

Concen: 8.949 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. 0.006 min

Lab File: VL040626.D

Acq: 10 Aug 2023 9:17

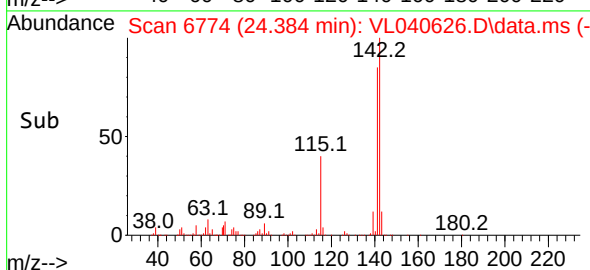
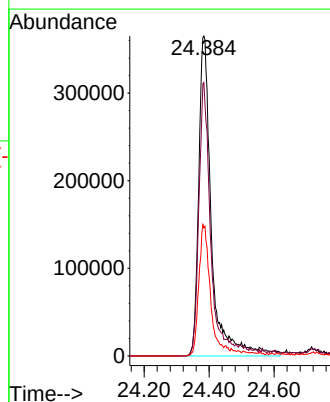
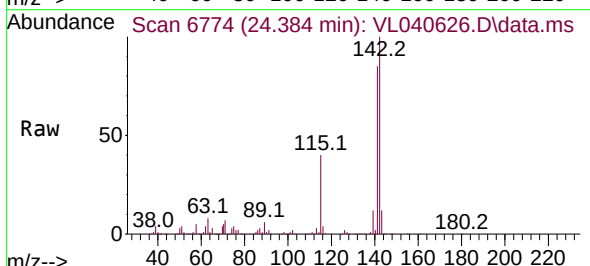
Tgt Ion:142 Resp: 1005716

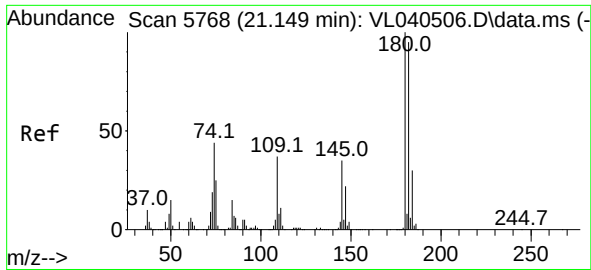
Ion Ratio Lower Upper

142 100

141 80.7 66.7 100.1

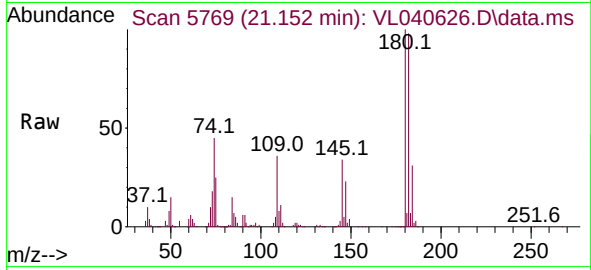
115 40.1 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 8.943 ppbv
 RT: 21.152 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040626.D
 Acq: 10 Aug 2023 9:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1679750

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.5	116.3
184	31.3	24.5	36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

