

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041660.D
 Acq On : 14 Oct 2024 9:43
 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 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 02:38:21 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1139050	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.671	114	3098402	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.491	117	3033567	10.000	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 2208698 9.891 ppbv 0.05
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	1287579	7.827	ppbv	99
3) Chlorodifluoromethane	2.668	51	1359492	9.840	ppbv	99
4) Chloromethane	2.809	50	754633	9.931	ppbv	96
5) Vinyl Chloride	2.915	62	733569	11.149	ppbv	100
6) Bromomethane	3.115	94	281384	8.596	ppbv	98
7) Chloroethane	3.195	64	259953	10.159	ppbv	98
8) Dichlorotetrafluoroethane	2.851	85	1730383	10.028	ppbv	99
9) Propene	2.687	41	653601	11.216	ppbv	100
10) Heptane	7.597	43	1554594	11.394	ppbv	100
11) Trichlorofluoromethane	3.562	101	1689077	9.649	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1265757	9.984	ppbv	99
13) Ethanol	3.243	45	25933m	5.919	ppbv	
14) Bromoethene	3.365	108	516546	10.745	ppbv	99
15) Acetone	3.468	43	1299921	9.090	ppbv	100
16) 1,3-Butadiene	2.983	39	734455	10.559	ppbv	99
17) tert-Butyl alcohol	3.880	59	1332556	10.596	ppbv	99
18) 1,1-Dichloroethene	3.883	96	567989	10.583	ppbv	98
19) Isopropyl Alcohol	3.578	45	754520	10.307	ppbv	99
20) Methylene Chloride	3.935	84	454891	8.467	ppbv	96
21) Allyl Chloride	3.999	41	908373	10.960	ppbv	99
22) trans-1,2-Dichloroethene	4.452	96	565315	10.559	ppbv	100
23) Vinyl Acetate	4.635	43	966869	12.292	ppbv #	98
24) 1,1-Dichloroethane	4.571	63	1246647	10.559	ppbv	99
25) Ethyl Acetate	5.214	43	2782394	10.838	ppbv	100
26) Hexane	5.221	57	1163508	10.868	ppbv	97
27) Carbon Disulfide	4.127	76	1356524	11.920	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	721141	10.925	ppbv	100
29) Chloroform	5.288	83	1749654	9.987	ppbv	97
30) Cyclohexane	6.616	84	959853	11.631	ppbv	99
31) cis-1,2-Dichloroethene	5.089	61	1094693	10.771	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1715729	10.995	ppbv	99
34) 2-Butanone	4.796	43	1483922	10.044	ppbv	99
35) Carbon Tetrachloride	6.510	117	1753896	11.537	ppbv	98
36) Benzene	6.385	78	2426961	11.279	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1320644	10.578	ppbv	99
38) Trichloroethene	7.311	130	1180521	10.653	ppbv	98
39) 1,2-Dichloropropane	7.092	63	948760	10.838	ppbv	100
40) 1,4-Dioxane	7.304	88	376944	11.423	ppbv #	100
41) Tetrahydrofuran	5.568	42	1015739	12.493	ppbv	98
42) Bromodichloromethane	7.269	83	1881537	10.832	ppbv	99
43) Methyl Methacrylate	7.491	69	943145	12.248	ppbv	100
44) 2,2,4-Trimethylpentane	7.346	57	4090203	10.987	ppbv	100
45) t-1,3-Dichloropropene	8.729	75	720472	11.605	ppbv	99

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Quant Time: Oct 15 02:38:21 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	1040833	11.444	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	977523	10.517	ppbv	97
48) Dibromochloromethane	9.732	129	1583619	11.245	ppbv	99
49) Bromoform	12.429	173	1364123	11.284	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	2676056	11.729	ppbv	100
51) 2-Hexanone	9.568	43	2120806	12.289	ppbv	99
52) Tetrachloroethene	10.635	164	876267	11.246	ppbv	98
53) Toluene	9.243	91	2746651	12.025	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1315299	11.491	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.532	131	1179827	9.961	ppbv	98
57) Chlorobenzene	11.552	112	2095164	9.579	ppbv	99
58) Ethyl Benzene	12.111	91	3656350	11.259	ppbv	99
59) m/p-Xylene	12.394	91	6168384m	21.342	ppbv	
60) o-Xylene	13.085	91	2959365	10.680	ppbv	99
61) Styrene	12.921	104	1423375	12.295	ppbv	100
62) Isopropylbenzene	14.053	105	4313712	10.275	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	1527720	10.783	ppbv	99
64) n-propylbenzene	14.941	120	1151763	10.623	ppbv	99
65) tert-Butylbenzene	16.114	119	3846358	9.995	ppbv	100
66) Benzyl Chloride	16.349	91	202012	10.098	ppbv	99
67) sec-Butylbenzene	16.661	105	5377834	10.073	ppbv	100
69) p-Isopropyltoluene	17.021	119	4463259	10.328	ppbv	100
70) n-Butylbenzene	17.911	91	4587597	10.134	ppbv	100
71) 2-Chlorotoluene	14.828	91	3227785	10.450	ppbv	99
72) 4-Ethyltoluene	15.217	105	3522903	10.876	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	3015731	10.544	ppbv	96
74) 1,2,4-Trimethylbenzene	16.133	105	3335754	9.964	ppbv	97
75) 1,3-Dichlorobenzene	16.355	146	2005347	9.558	ppbv	100
76) 1,4-Dichlorobenzene	16.497	146	1924339	9.571	ppbv	100
77) 1,2-Dichlorobenzene	17.166	146	1941181	9.372	ppbv	99
78) Hexachloro-1,3-Butadiene	22.660	225	1360072	7.960	ppbv	99
79) Naphthalene	21.410	128	2595328	10.533	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	895271	5.185	ppbv	99
81) 1,2,4-Trichlorobenzene	21.165	180	1390542	8.877	ppbv	99

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

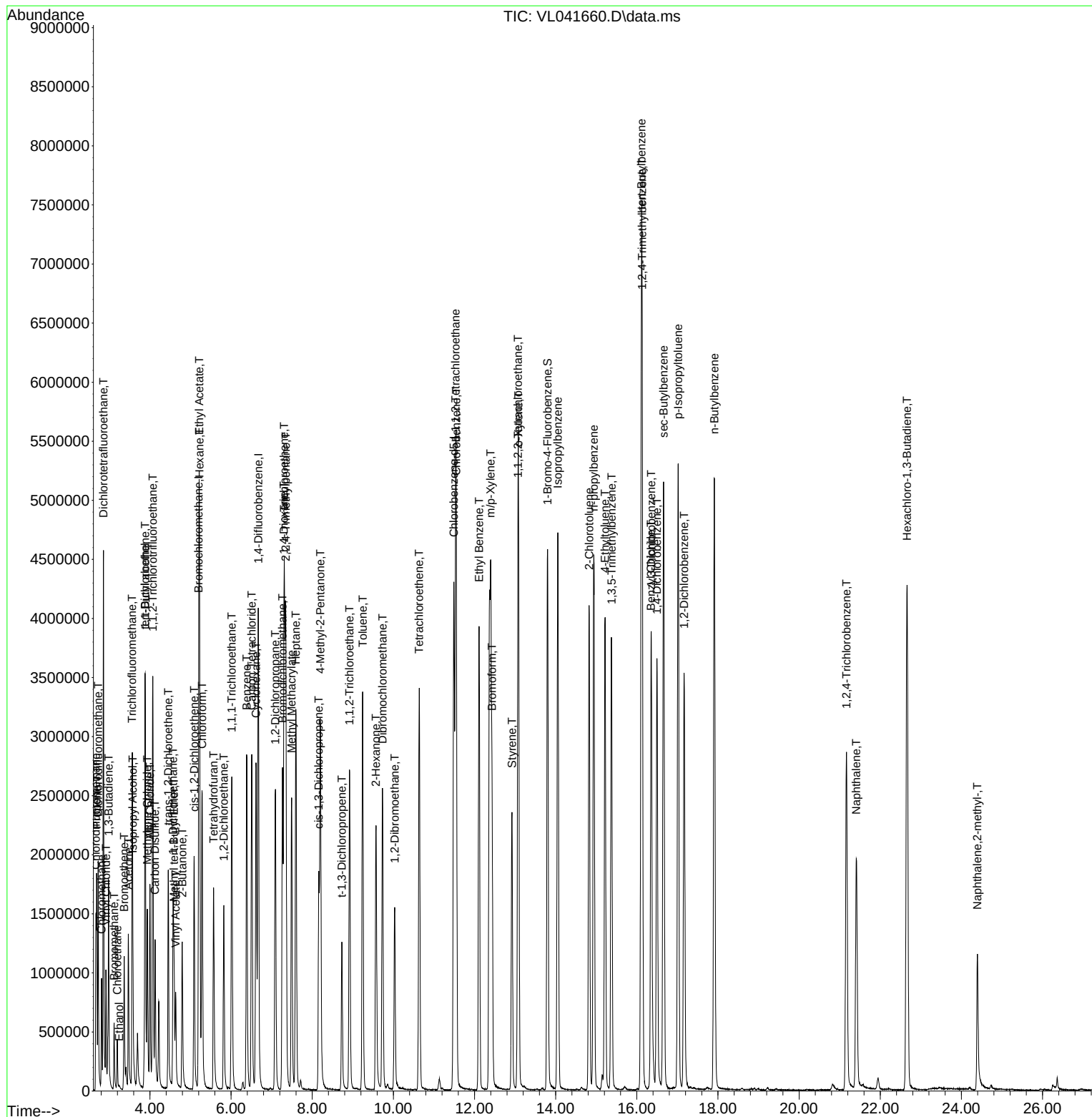
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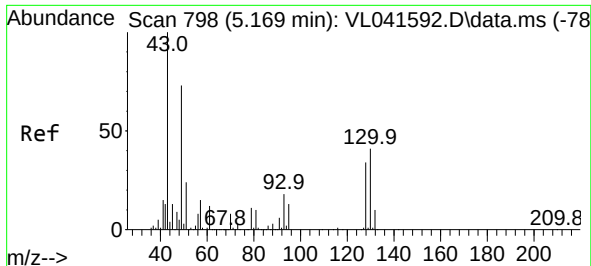
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Oct 15 02:38:21 2024
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Manual Integrations
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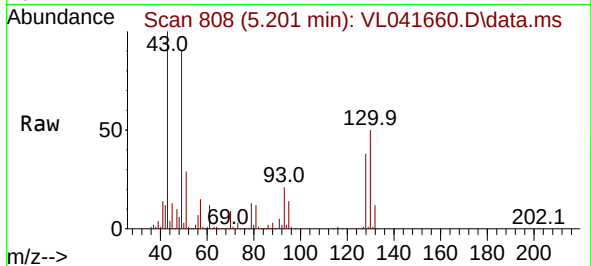
Reviewed By : Semsettin Yesilyurt 10/15/2024
Supervised By : Mahesh Dadoda 10/15/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.032 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

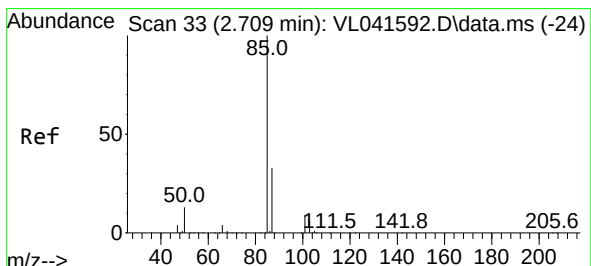
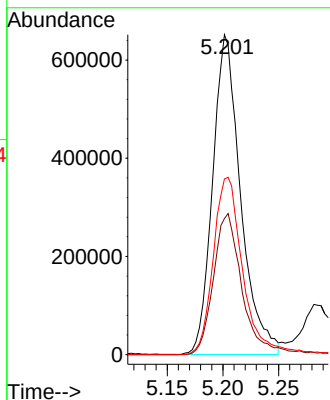
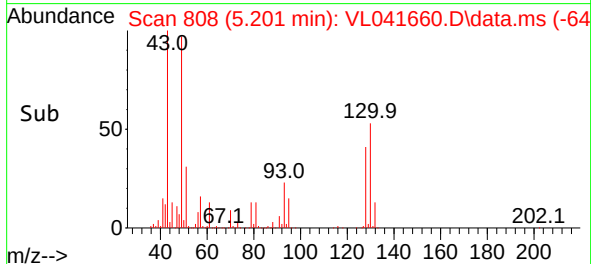
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1139050
Ion Ratio Lower Upper
49 100
128 45.8 23.8 71.5
130 59.9 30.4 91.3

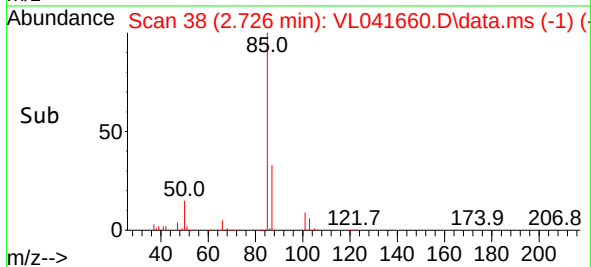
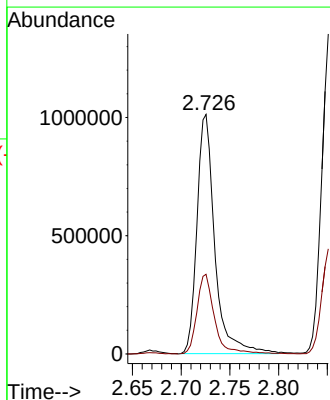
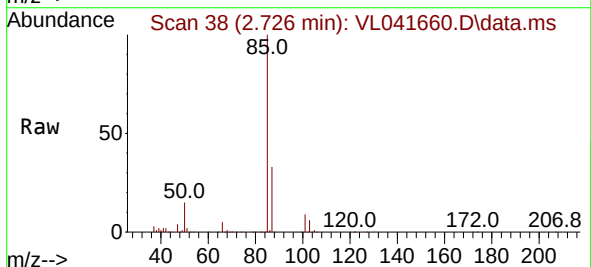
Manual Integrations
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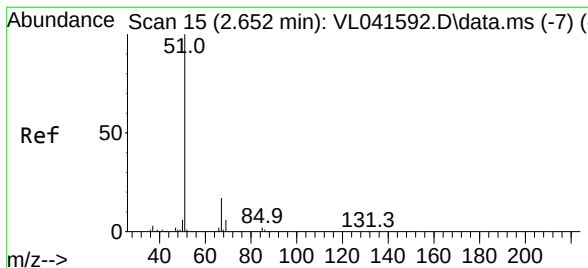
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#2
Dichlorodifluoromethane
Concen: 7.827 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.016 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

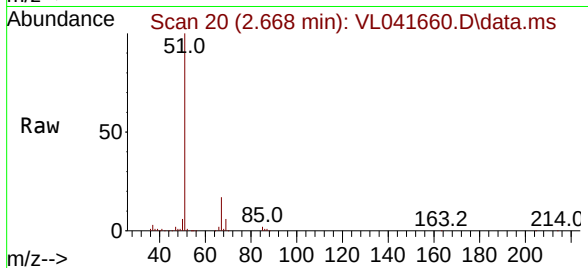
Tgt Ion: 85 Resp: 1287579
Ion Ratio Lower Upper
85 100
87 33.3 26.3 39.5





#3
Chlorodifluoromethane
Concen: 9.840 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

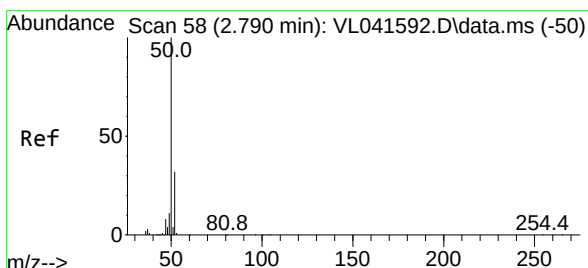
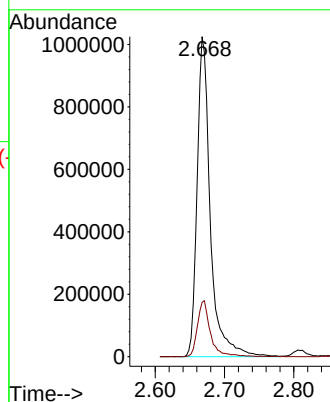
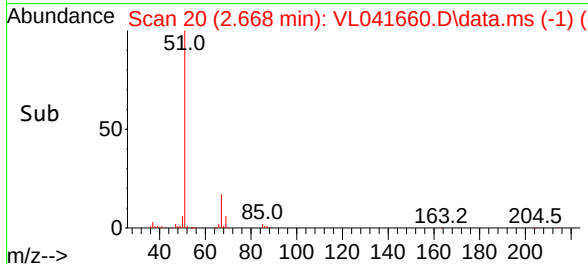
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1359492
Ion Ratio Lower Upper
51 100
67 17.3 14.1 21.1

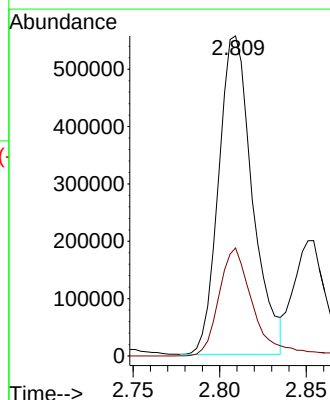
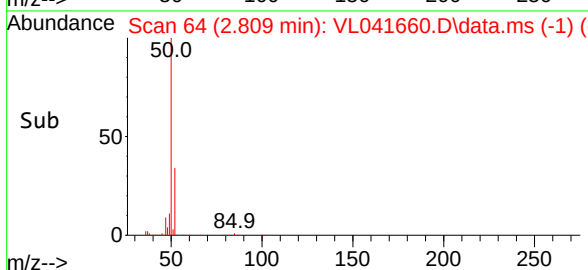
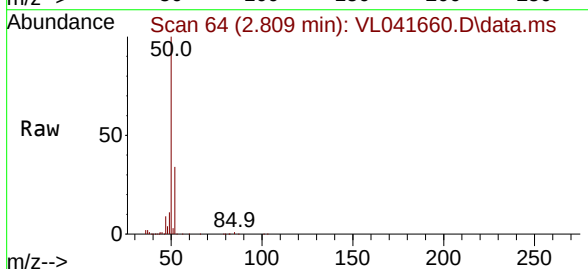
Manual Integrations
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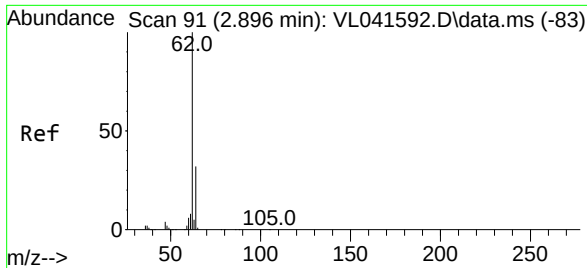
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#4
Chloromethane
Concen: 9.931 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.019 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

Tgt Ion: 50 Resp: 754633
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2





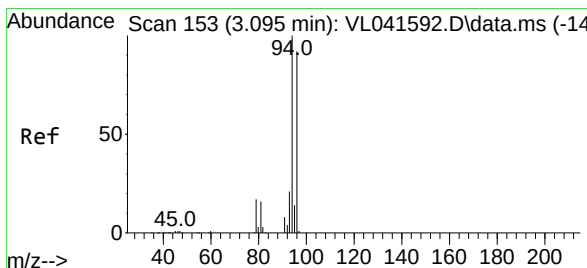
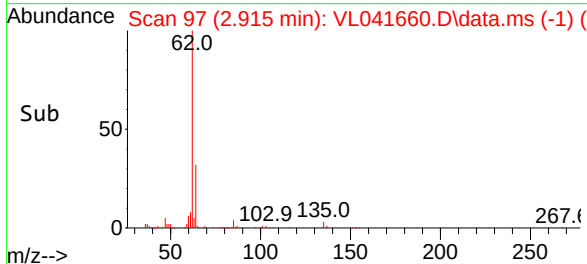
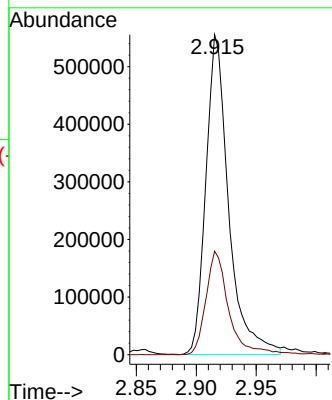
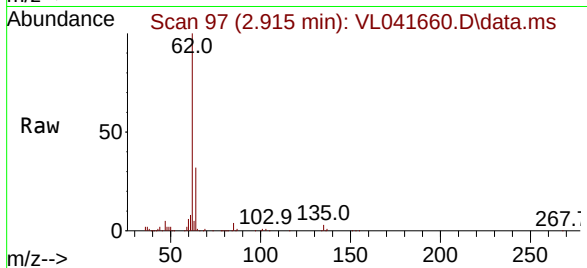
#5
 Vinyl Chloride
 Concen: 11.149 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.019 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 733569
 Ion Ratio Lower Upper
 62 100
 64 32.4 26.0 39.0

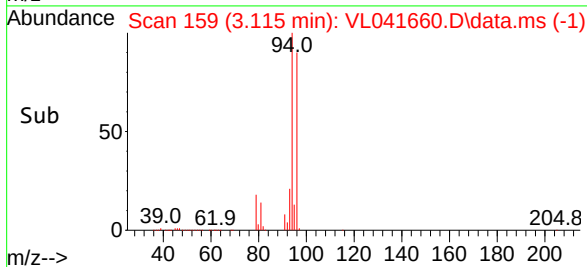
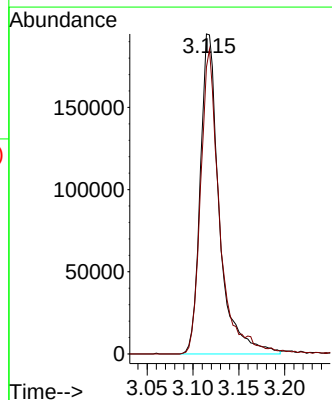
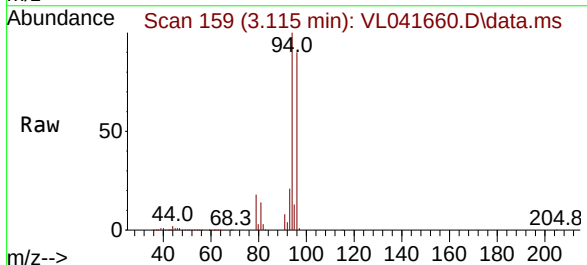
Manual Integrations
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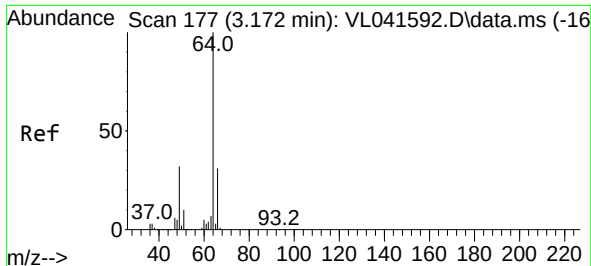
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#6
 Bromomethane
 Concen: 8.596 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.019 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

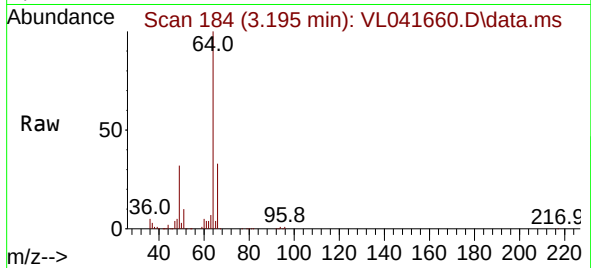
Tgt Ion: 94 Resp: 281384
 Ion Ratio Lower Upper
 94 100
 96 89.6 73.4 110.2





#7
Chloroethane
Concen: 10.159 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

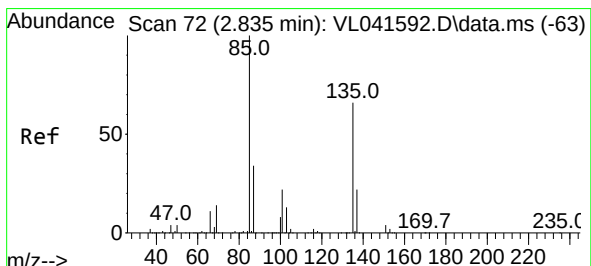
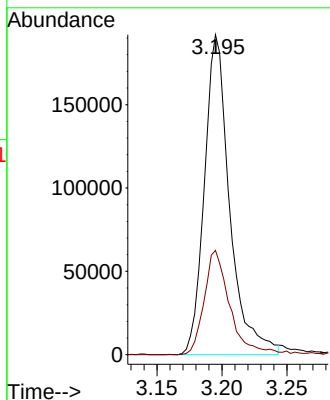
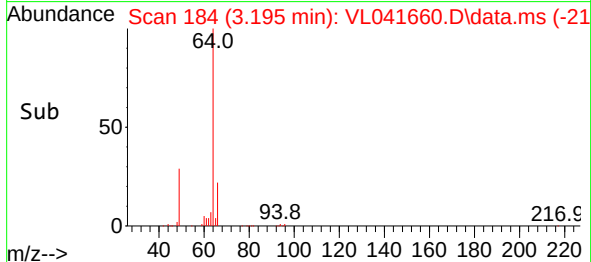
Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 25995
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7

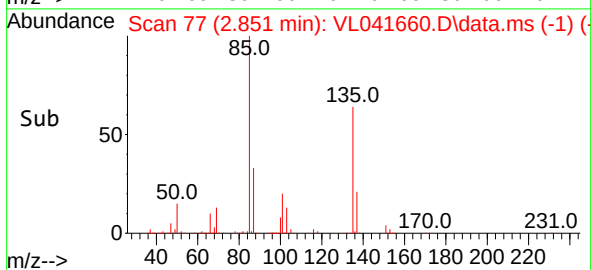
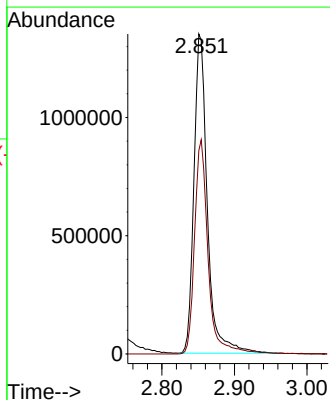
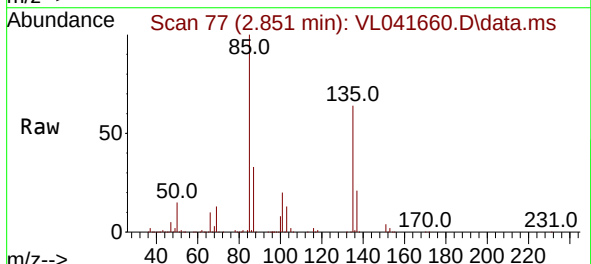
Manual Integrations
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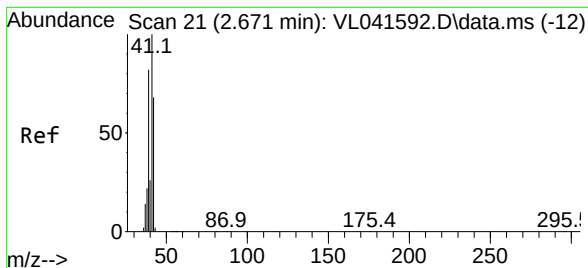
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#8
Dichlorotetrafluoroethane
Concen: 10.028 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

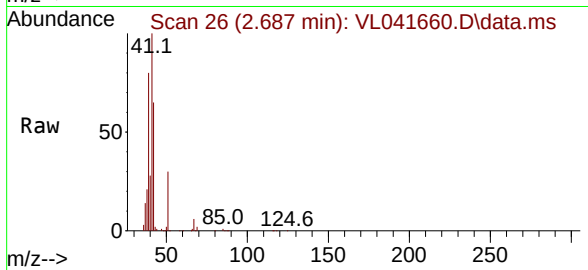
Tgt Ion: 85 Resp: 1730383
Ion Ratio Lower Upper
85 100
135 68.3 53.9 80.9





#9
 Propene
 Concen: 11.216 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.016 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

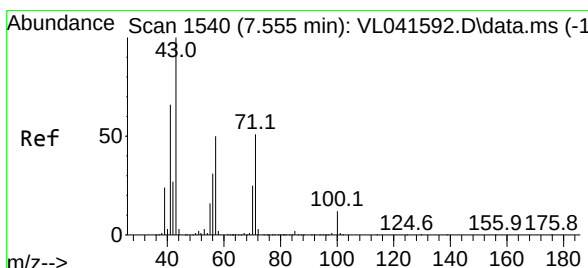
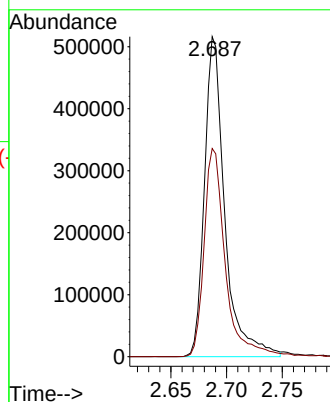
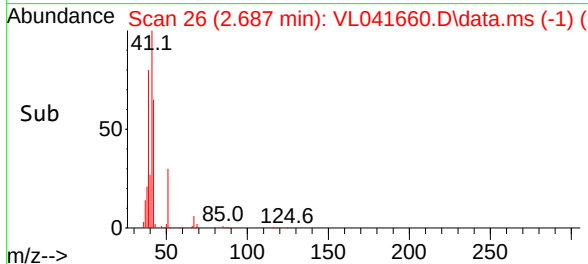
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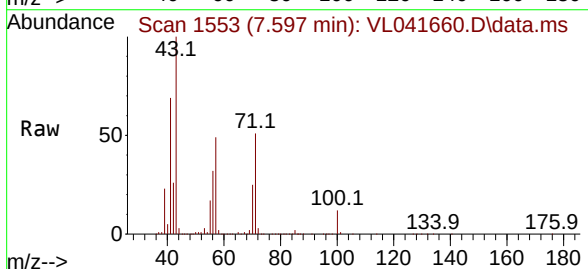
Tgt Ion: 41 Resp: 65360
 Ion Ratio Lower Upper
 41 100
 42 68.7 55.2 82.8

Manual Integrations
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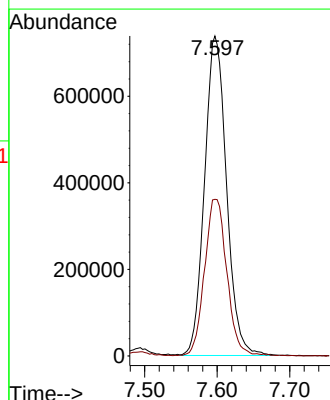
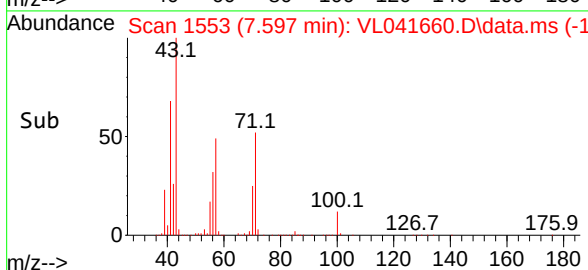
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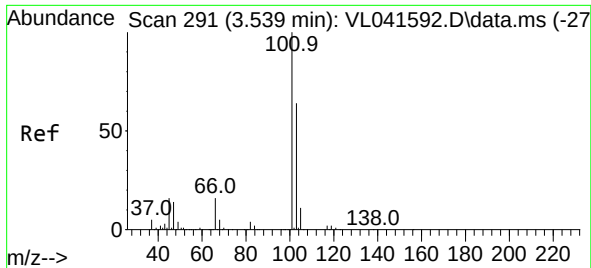


#10
 Heptane
 Concen: 11.394 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.042 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43



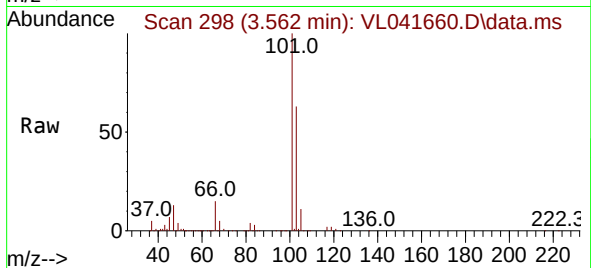
Tgt Ion: 43 Resp: 1554594
 Ion Ratio Lower Upper
 43 100
 57 49.8 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 9.649 ppbv
 RT: 3.562 min Scan# 291
 Delta R.T. 0.023 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

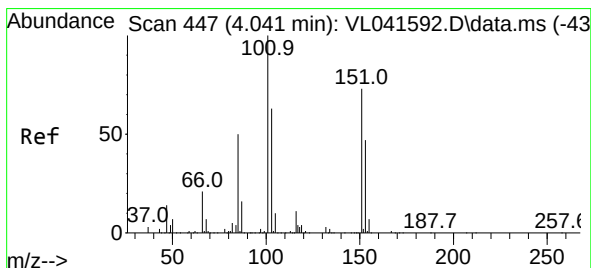
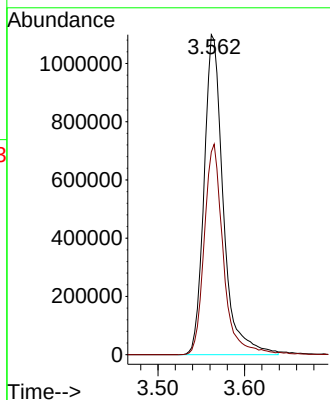
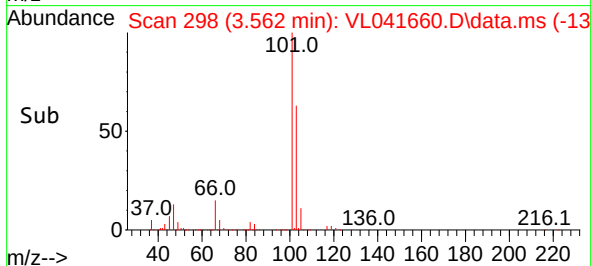
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



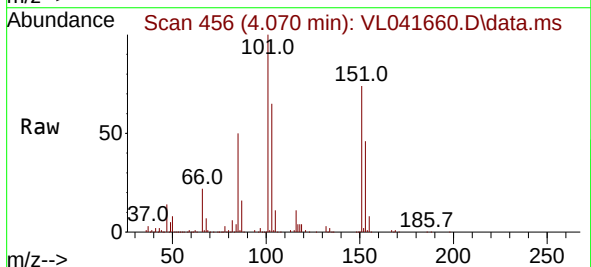
Tgt Ion:101 Resp: 168907
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.2 76.8

Manual Integrations
 APPROVED

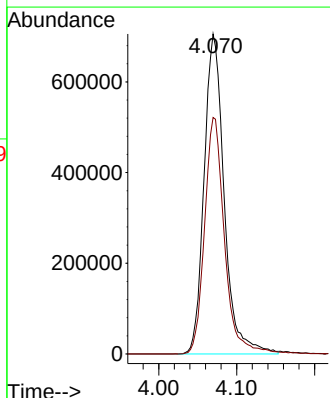
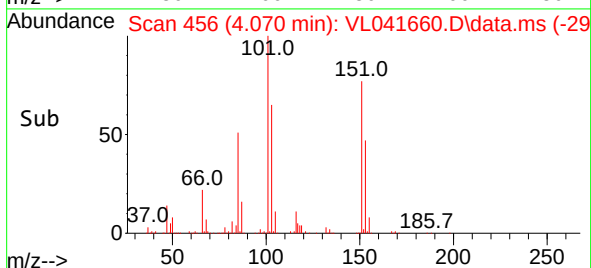
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

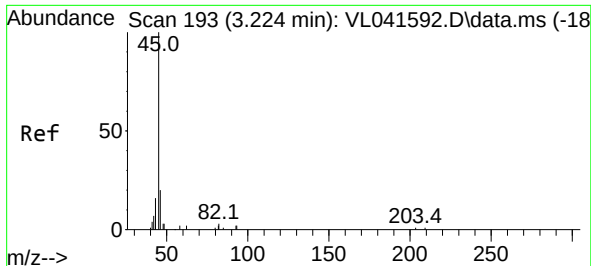


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.984 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.029 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43



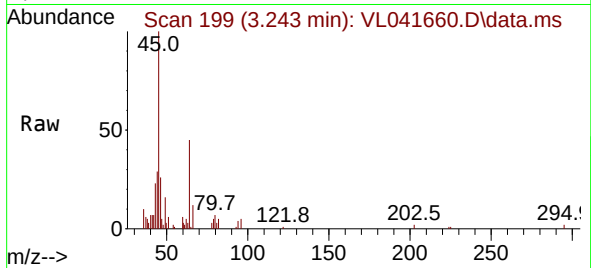
Tgt Ion:101 Resp: 1265757
 Ion Ratio Lower Upper
 101 100
 151 73.6 59.4 89.2





#13
Ethanol
Concen: 5.919 ppbv m
RT: 3.243 min Scan# 193
Delta R.T. 0.019 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

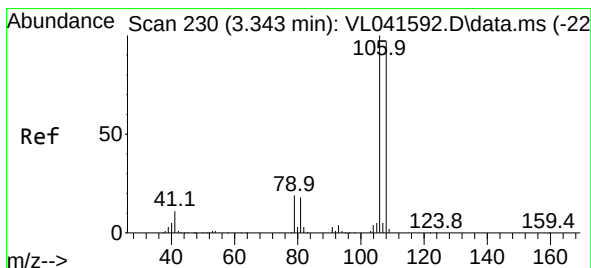
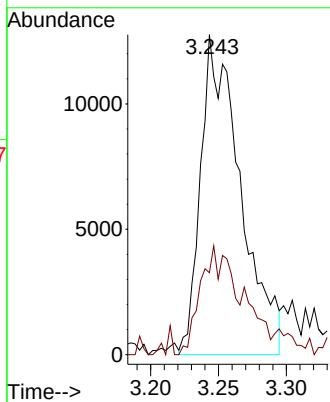
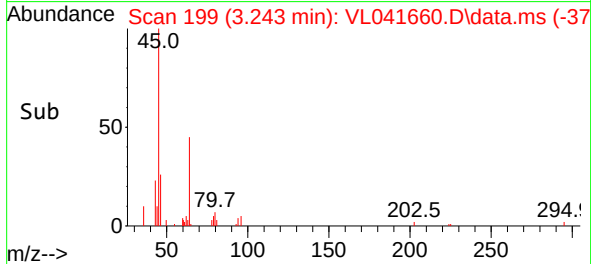
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



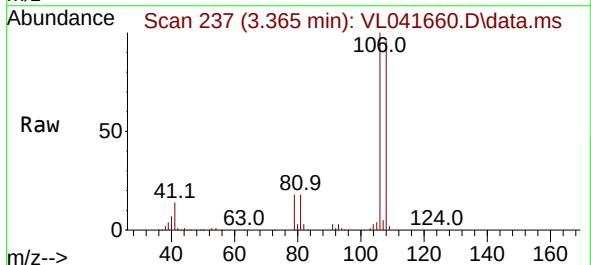
Tgt Ion: 45 Resp: 2593
Ion Ratio Lower Upper
45 100
46 41.7 15.2 60.8

Manual Integrations
APPROVED

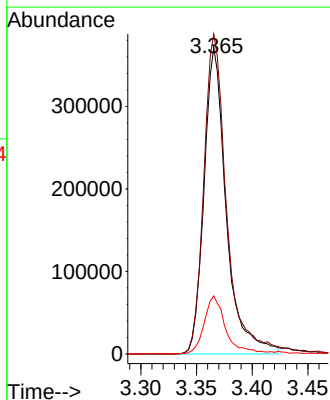
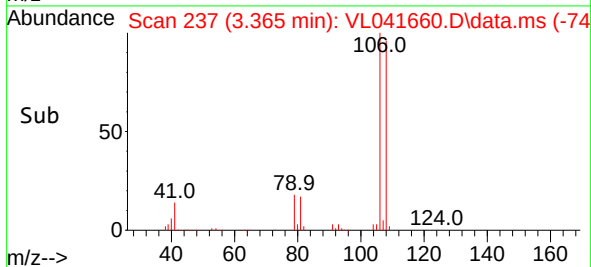
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

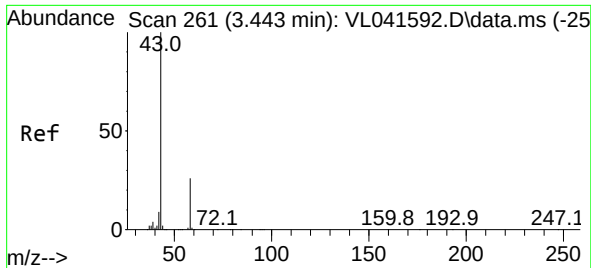


#14
Bromoethene
Concen: 10.745 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.023 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



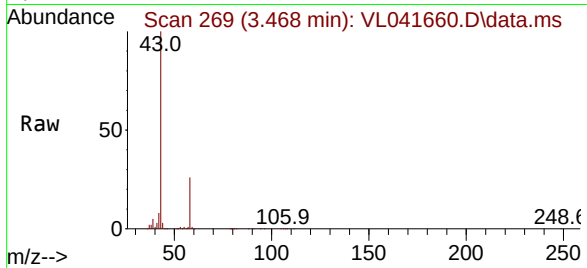
Tgt Ion:108 Resp: 516546
Ion Ratio Lower Upper
108 100
106 109.0 86.5 129.7
79 18.7 16.2 24.4





#15
Acetone
Concen: 9.090 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

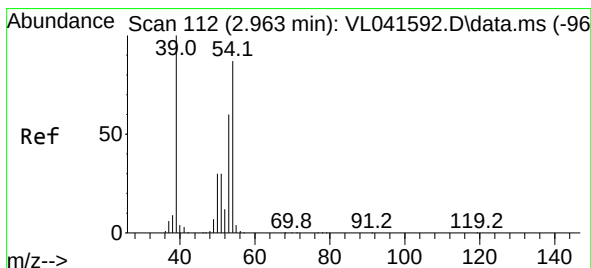
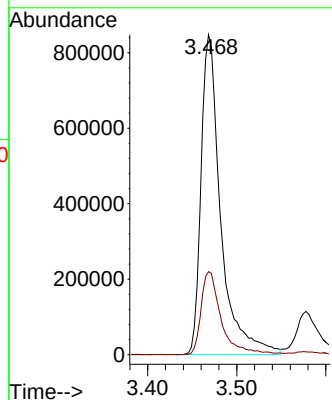
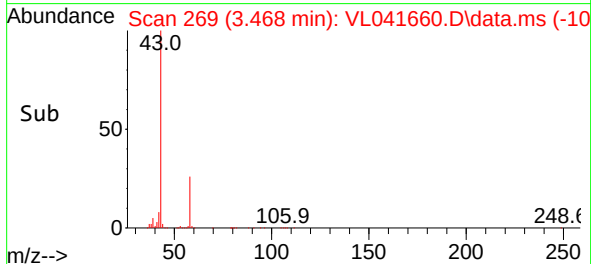
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 129992
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3

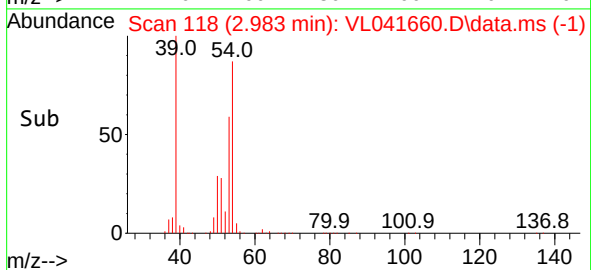
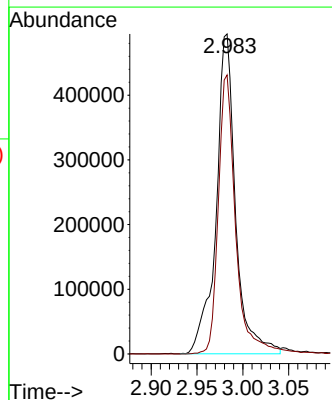
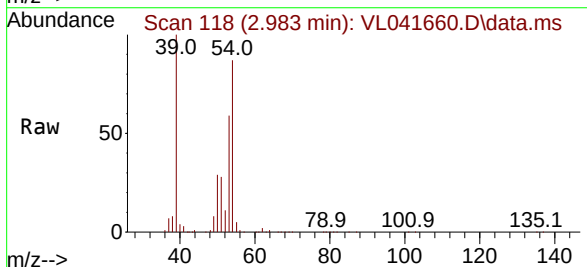
Manual Integrations
APPROVED

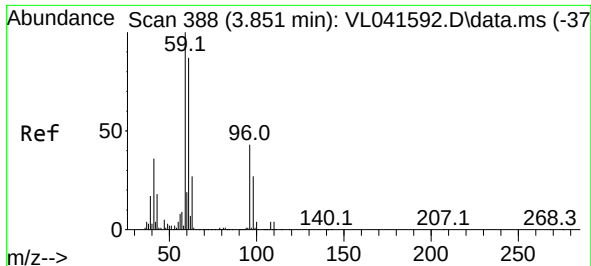
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#16
1,3-Butadiene
Concen: 10.559 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.019 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

Tgt Ion: 39 Resp: 734455
Ion Ratio Lower Upper
39 100
54 78.2 62.9 94.3





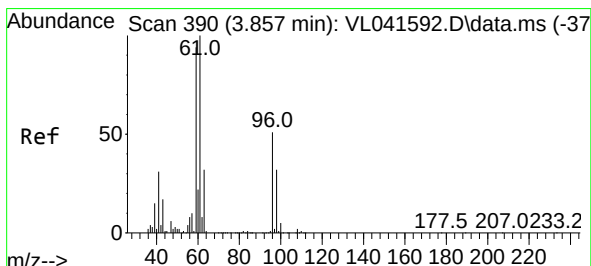
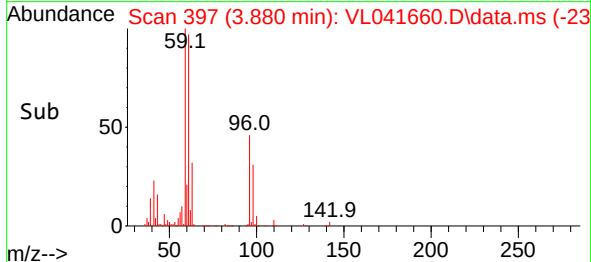
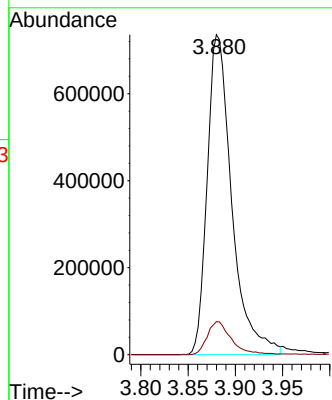
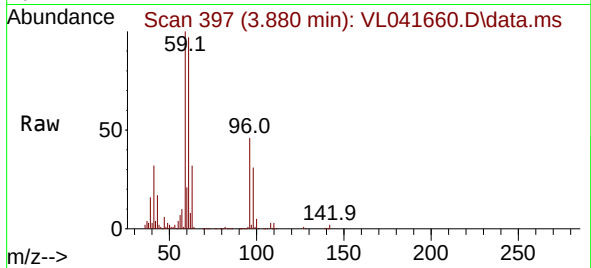
#17
tert-Butyl alcohol
Concen: 10.596 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.029 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1332550
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

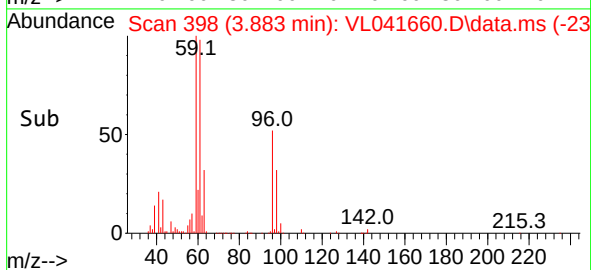
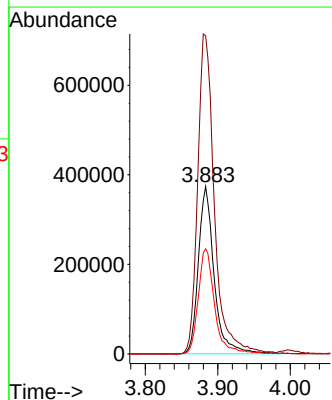
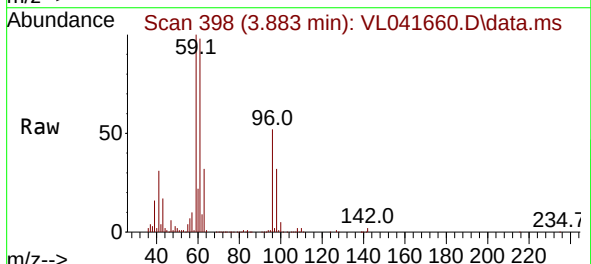
Manual Integrations
APPROVED

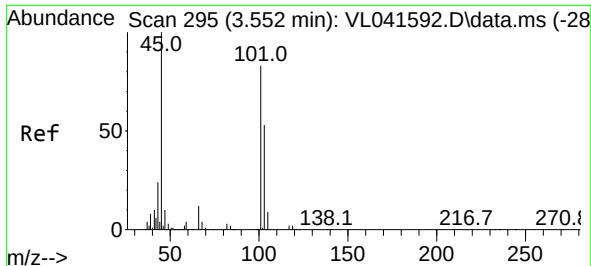
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#18
1,1-Dichloroethene
Concen: 10.583 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.026 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

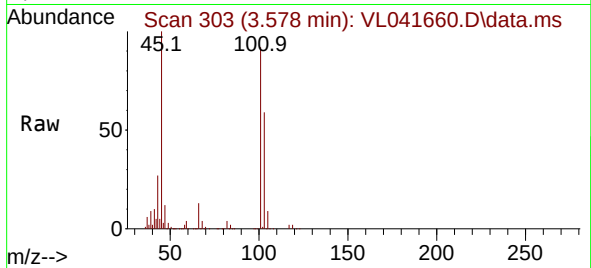
Tgt Ion: 96 Resp: 567989
Ion Ratio Lower Upper
96 100
61 190.0 155.6 233.4
98 62.9 50.6 75.8





#19
Isopropyl Alcohol
Concen: 10.307 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.026 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

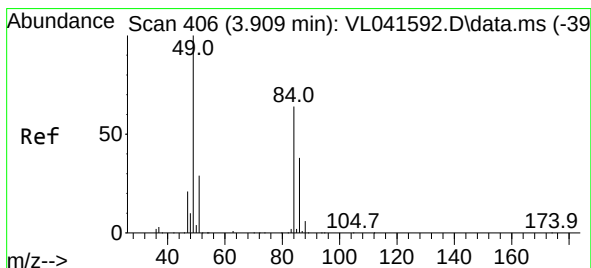
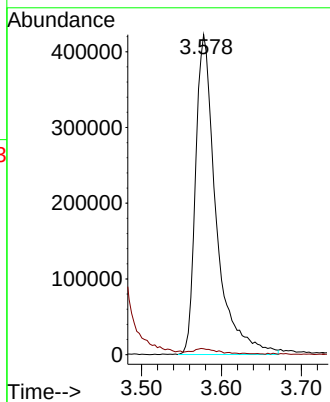
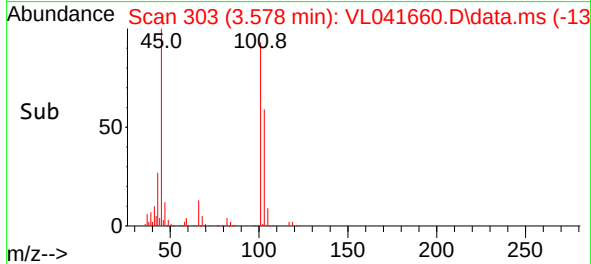
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



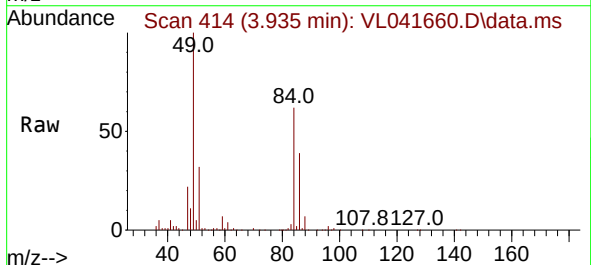
Tgt Ion: 45 Resp: 754520
Ion Ratio Lower Upper
45 100
58 2.2 2.1 3.1

Manual Integrations
APPROVED

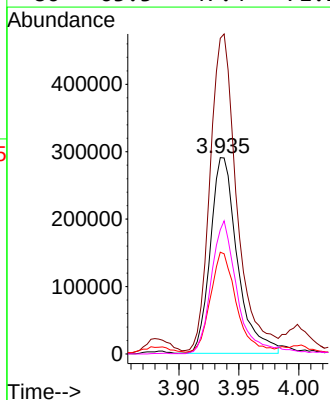
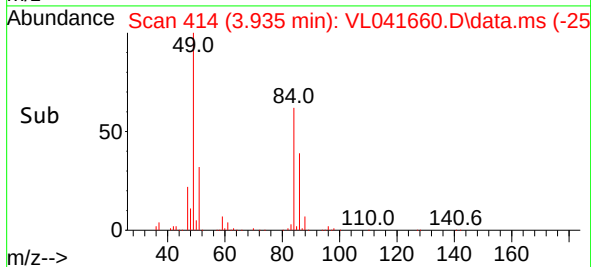
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

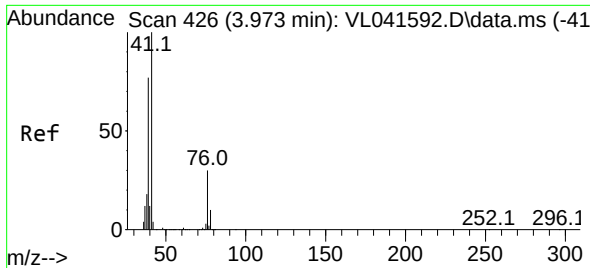


#20
Methylene Chloride
Concen: 8.467 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.026 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



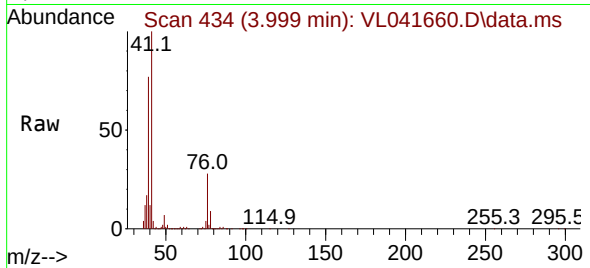
Tgt Ion: 84 Resp: 454891
Ion Ratio Lower Upper
84 100
49 158.7 124.3 186.5
51 50.6 36.3 54.5
86 63.3 47.4 71.2





#21
 Allyl Chloride
 Concen: 10.960 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

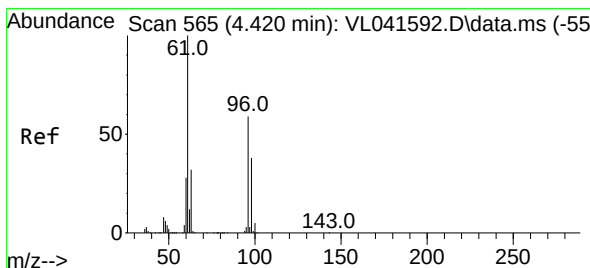
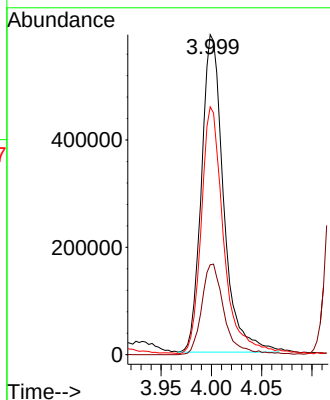
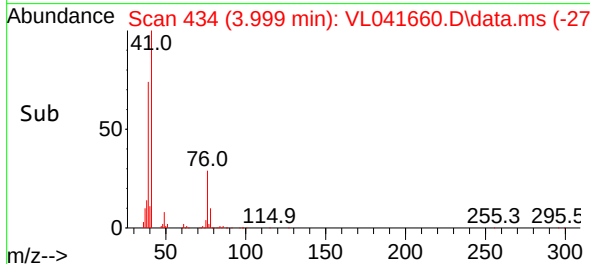
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 90837
 Ion Ratio Lower Upper
 41 100
 76 29.0 23.8 35.6
 39 79.4 63.9 95.9

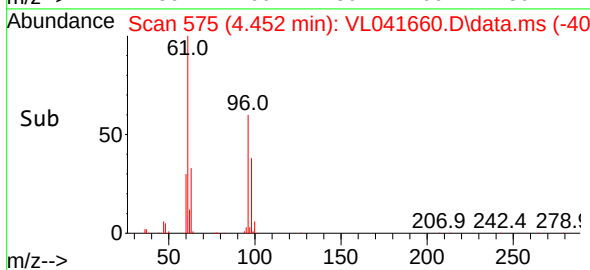
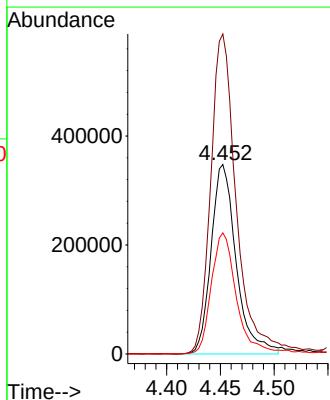
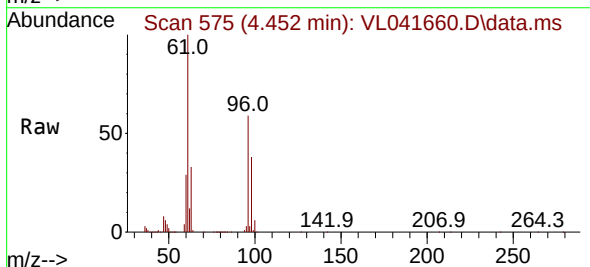
Manual Integrations
 APPROVED

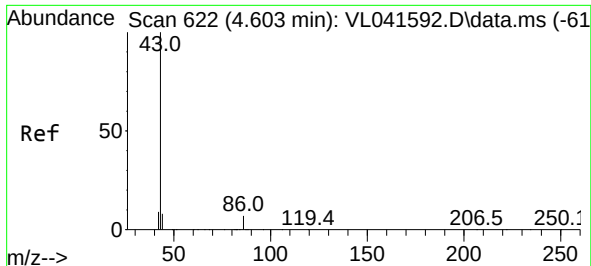
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.559 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.032 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

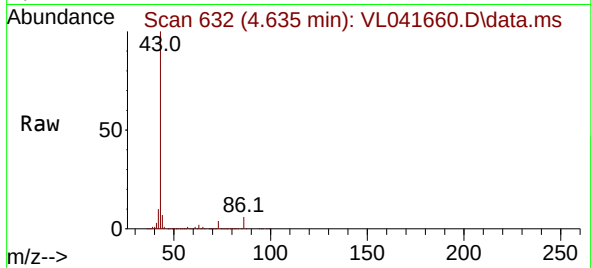
Tgt Ion: 96 Resp: 565315
 Ion Ratio Lower Upper
 96 100
 61 168.9 135.7 203.5
 98 63.8 50.9 76.3





#23
 Vinyl Acetate
 Concen: 12.292 ppbv
 RT: 4.635 min Scan# 612
 Delta R.T. 0.032 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

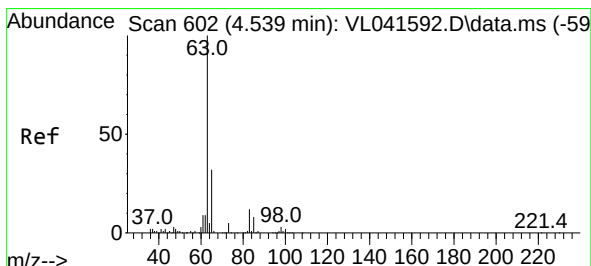
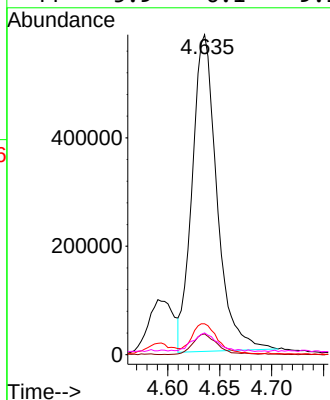
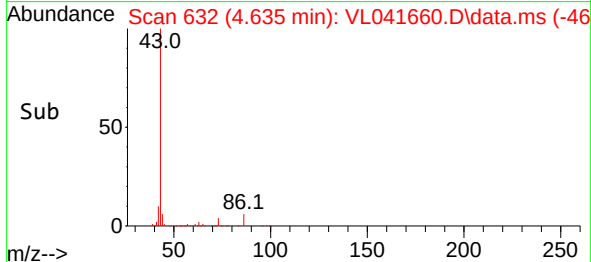
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 966869
 Ion Ratio Lower Upper
 43 100
 86 6.4 4.9 7.3
 42 9.4 8.0 12.0
 44 5.9 6.1 9.1#

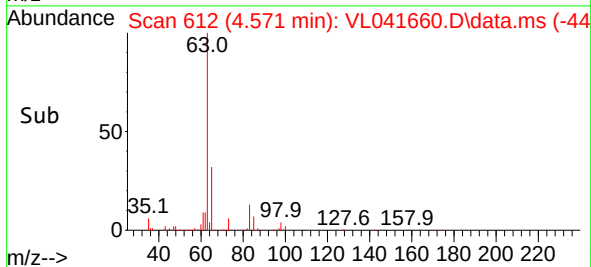
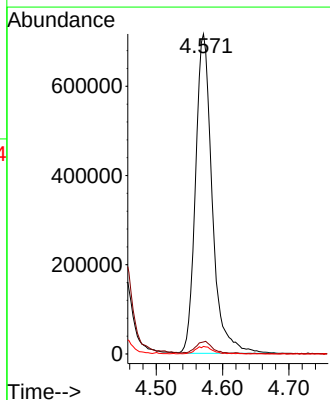
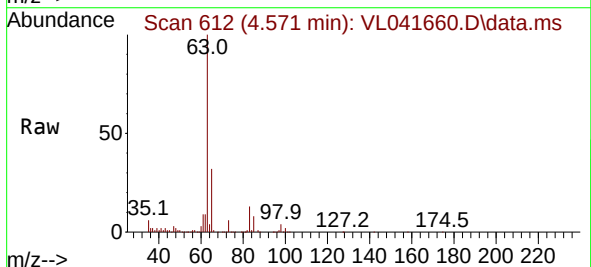
Manual Integrations
 APPROVED

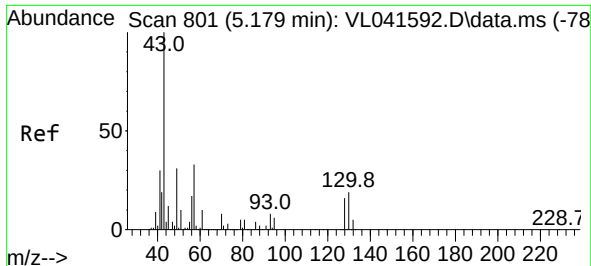
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#24
 1,1-Dichloroethane
 Concen: 10.559 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.032 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

Tgt Ion: 63 Resp: 1246647
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.7 5.1
 100 2.4 1.1 3.3





#25

Ethyl Acetate

Concen: 10.838 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.035 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

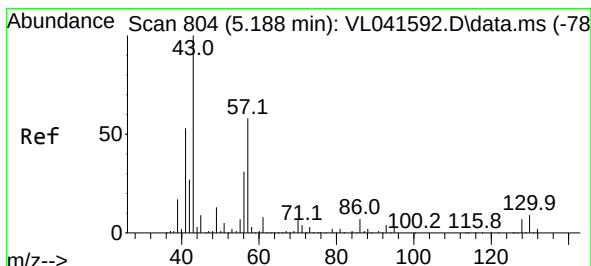
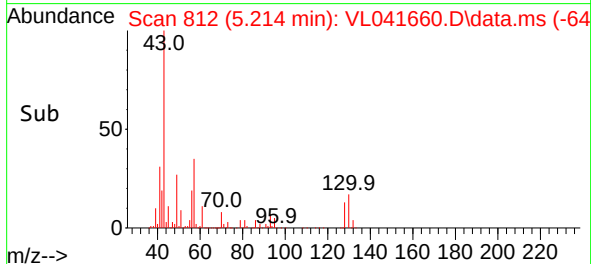
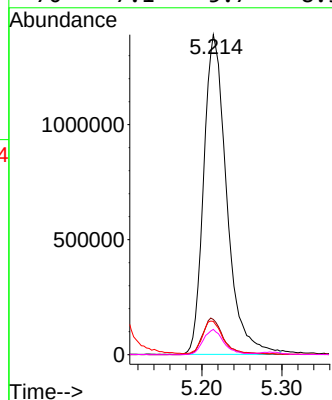
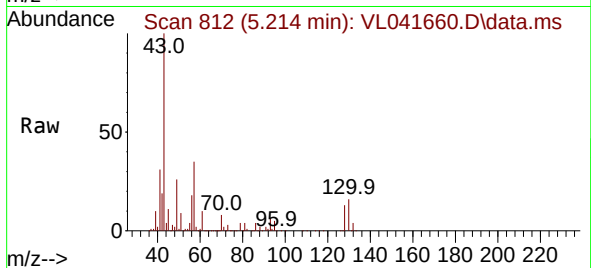
Tgt Ion: 43 Resp: 2782394

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.1	8.0	12.0
70	7.1	5.7	8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#26

Hexane

Concen: 10.868 ppbv

RT: 5.221 min Scan# 814

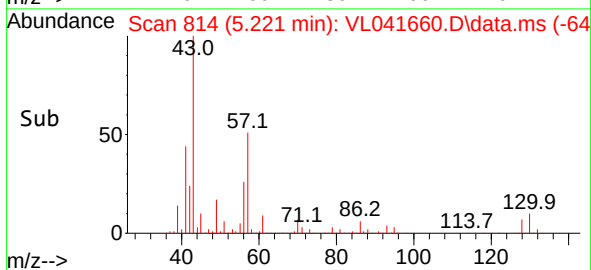
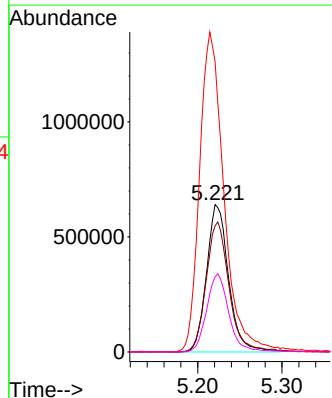
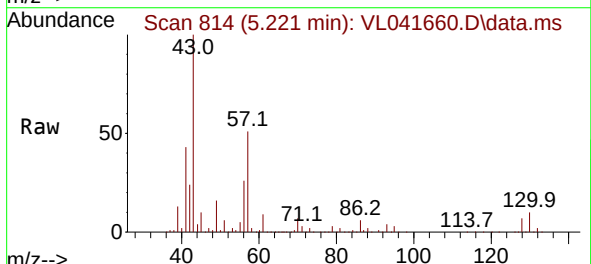
Delta R.T. 0.032 min

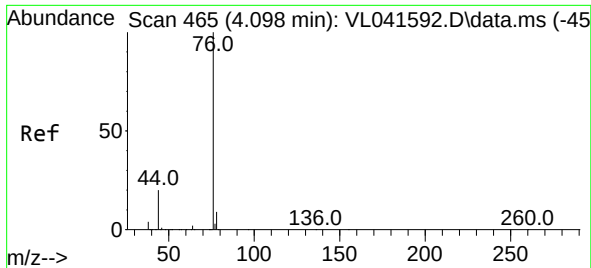
Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Tgt Ion: 57 Resp: 1163508

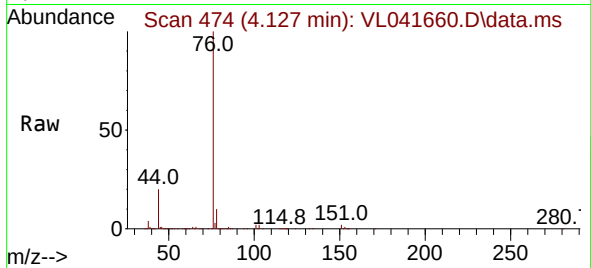
Ion	Ratio	Lower	Upper
57	100		
41	92.4	75.7	113.5
43	242.1	198.5	297.7
56	53.7	44.1	66.1





#27
Carbon Disulfide
Concen: 11.920 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

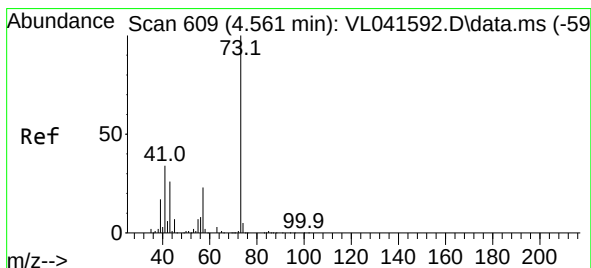
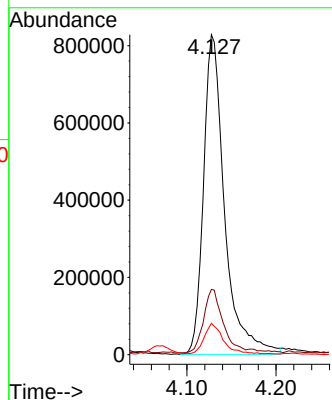
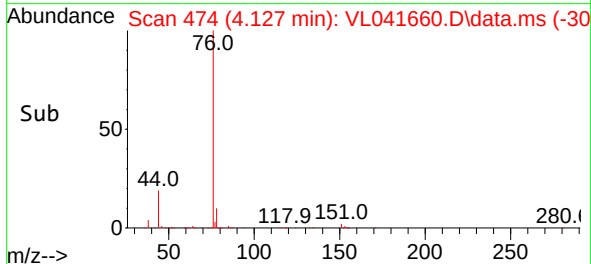
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1356524
Ion Ratio Lower Upper
76 100
44 19.1 15.8 23.8
78 9.4 7.5 11.3

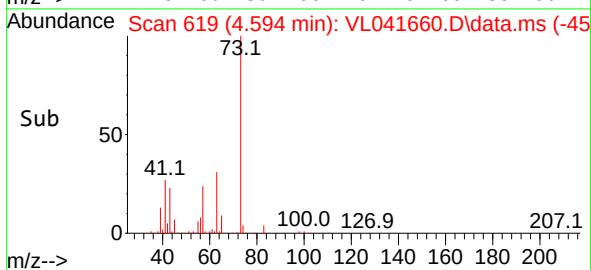
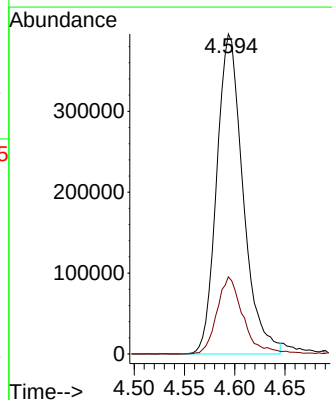
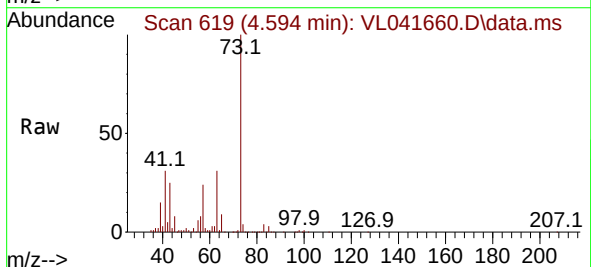
Manual Integrations
APPROVED

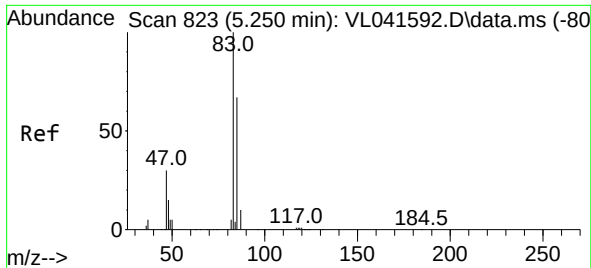
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#28
Methyl tert-Butyl Ether
Concen: 10.925 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.032 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

Tgt Ion: 73 Resp: 721141
Ion Ratio Lower Upper
73 100
57 24.2 19.3 28.9





#29

Chloroform

Concen: 9.987 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.039 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1749654

Ion Ratio Lower Upper

83 100

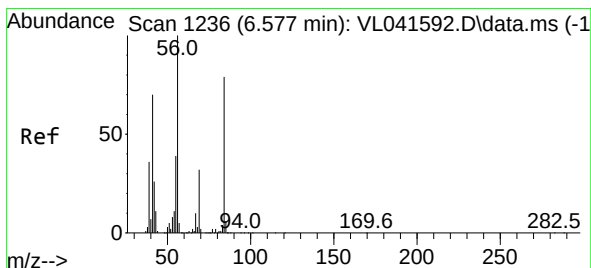
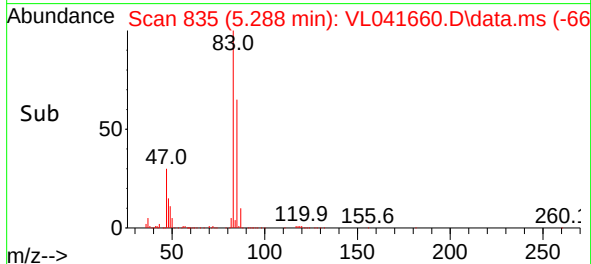
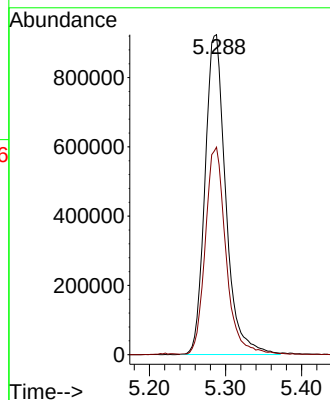
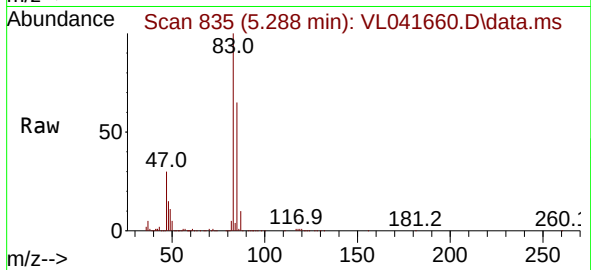
85 64.8 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#30

Cyclohexane

Concen: 11.631 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.039 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

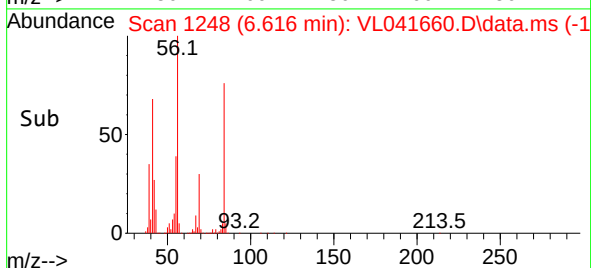
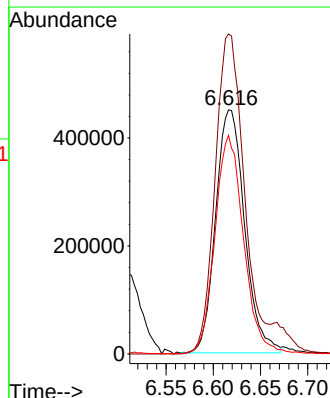
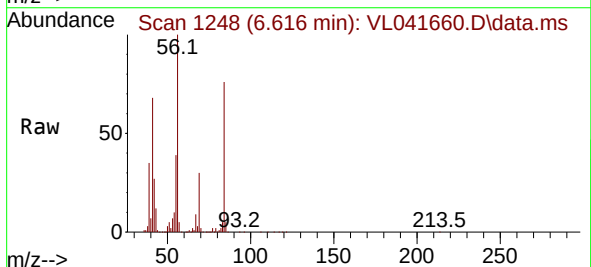
Tgt Ion: 84 Resp: 959853

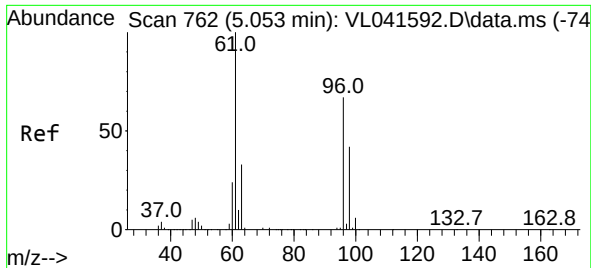
Ion Ratio Lower Upper

84 100

56 140.4 111.5 167.3

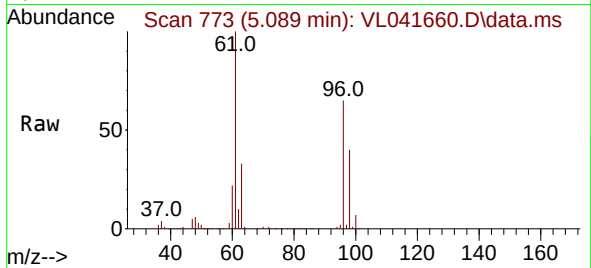
41 88.9 70.9 106.3





#31
 cis-1,2-Dichloroethene
 Concen: 10.771 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.035 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

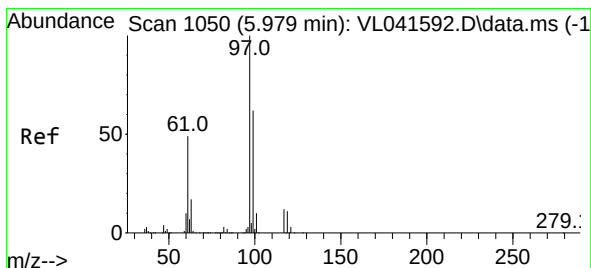
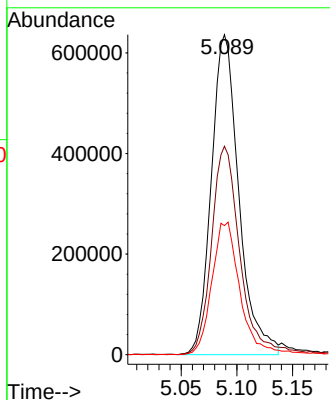
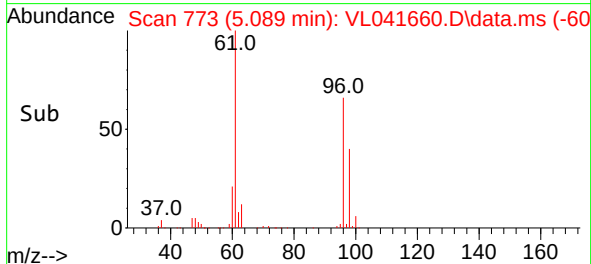
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



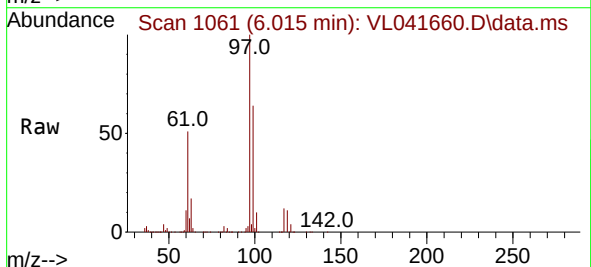
Tgt Ion: 61 Resp: 109469
 Ion Ratio Lower Upper
 61 100
 96 65.1 53.5 80.3
 98 40.3 33.7 50.5

Manual Integrations
 APPROVED

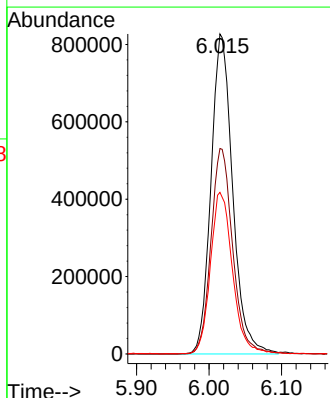
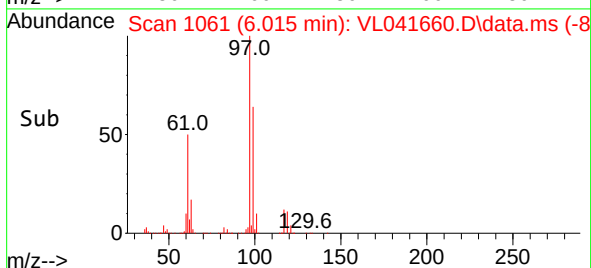
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

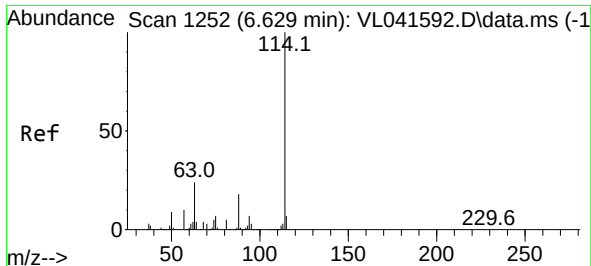


#32
 1,1,1-Trichloroethane
 Concen: 10.995 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.035 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43



Tgt Ion: 97 Resp: 1715729
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.4
 61 51.5 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1

Delta R.T. 0.042 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 309840

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

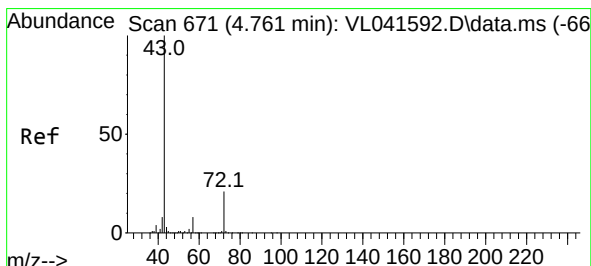
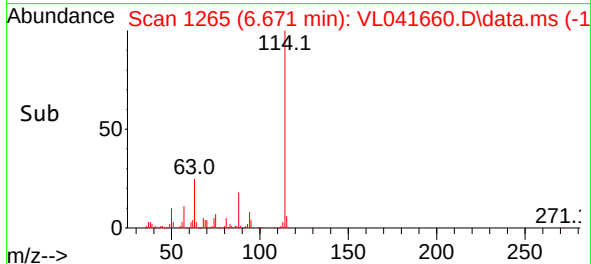
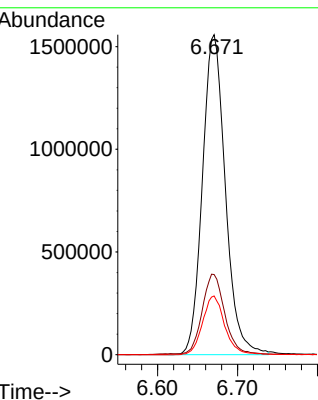
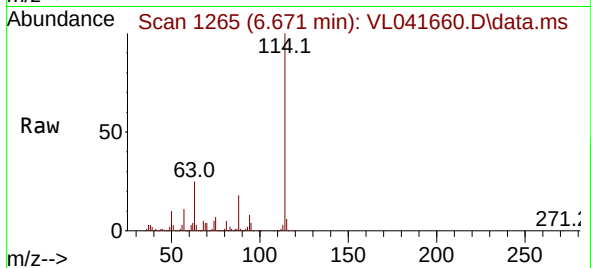
88 17.8 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#34

2-Butanone

Concen: 10.044 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.035 min

Lab File: VL041660.D

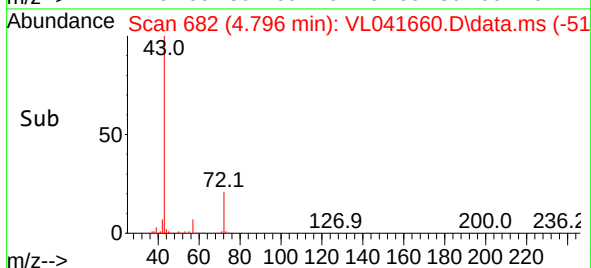
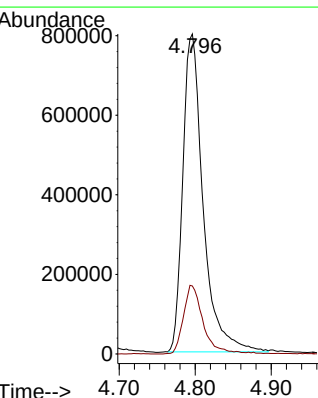
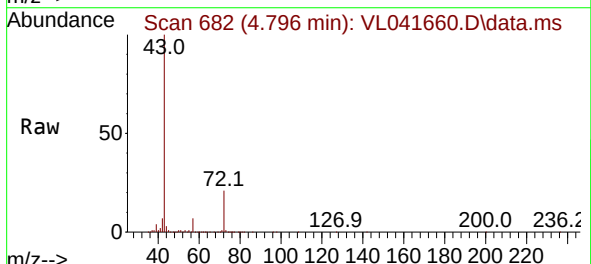
Acq: 14 Oct 2024 9:43

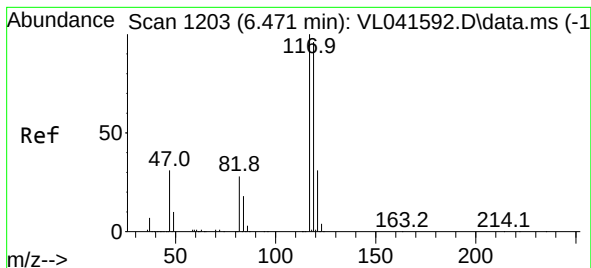
Tgt Ion: 43 Resp: 1483922

Ion Ratio Lower Upper

43 100

72 21.3 16.8 25.2





#35

Carbon Tetrachloride

Concen: 11.537 ppbv

RT: 6.510 min Scan# 1176

Delta R.T. 0.039 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 175389

Ion Ratio Lower Upper

117 100

119 97.4 76.8 115.2

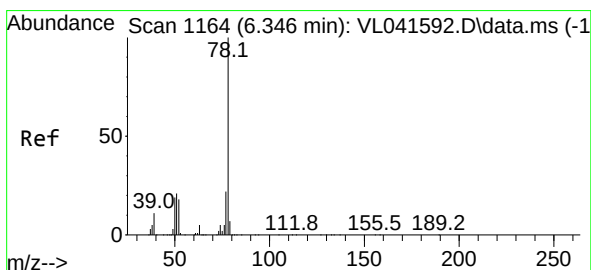
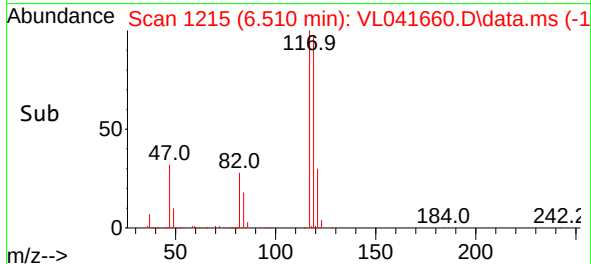
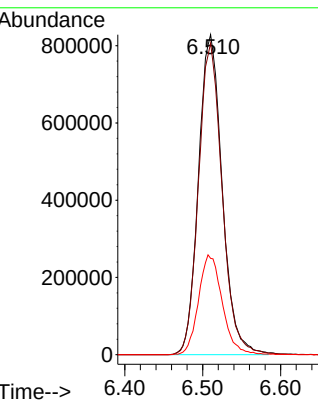
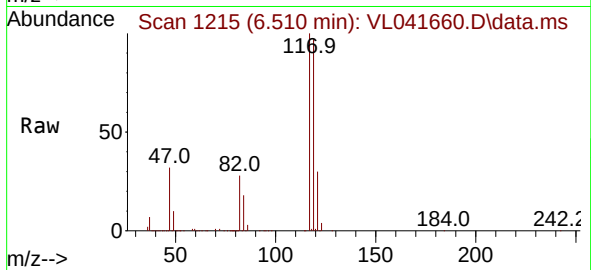
121 30.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#36

Benzene

Concen: 11.279 ppbv

RT: 6.385 min Scan# 1176

Delta R.T. 0.039 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

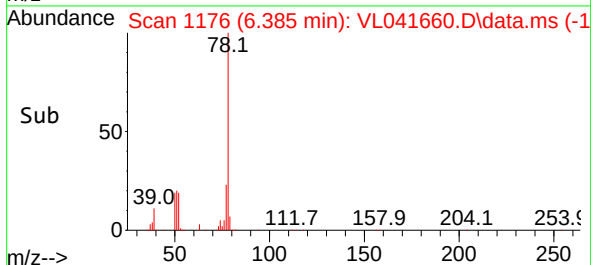
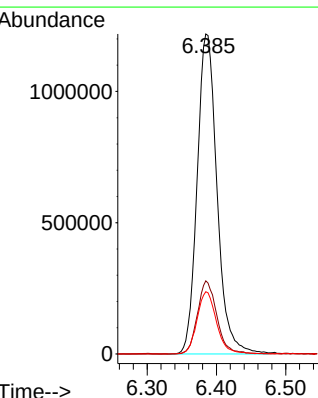
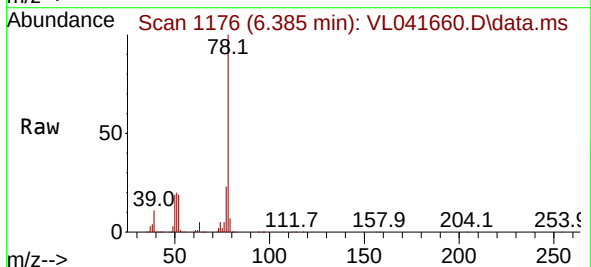
Tgt Ion: 78 Resp: 2426961

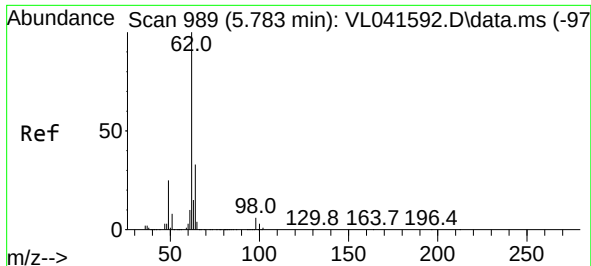
Ion Ratio Lower Upper

78 100

77 22.9 17.8 26.6

50 19.4 15.4 23.0





#37

1,2-Dichloroethane

Concen: 10.578 ppbv

RT: 5.822 min Scan# 1001

Delta R.T. 0.039 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 132064

Ion Ratio Lower Upper

62 100

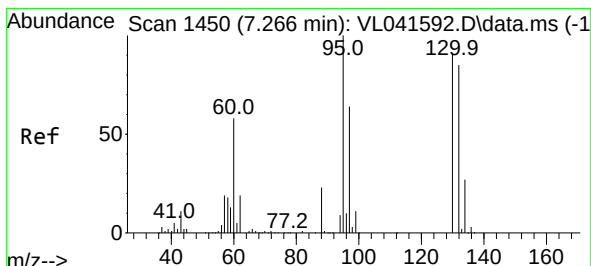
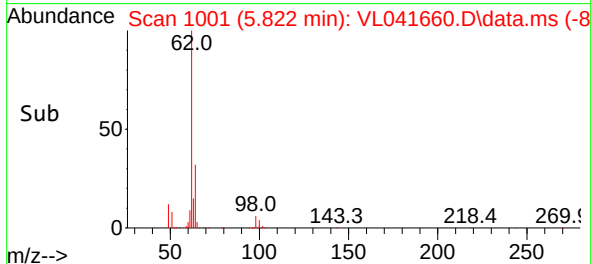
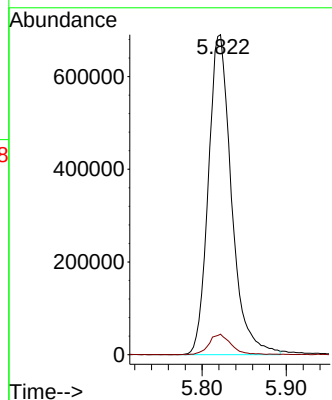
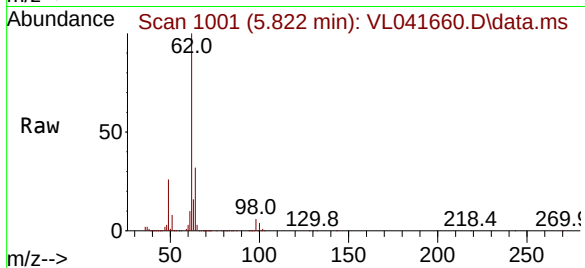
98 6.3 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#38

Trichloroethene

Concen: 10.653 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.045 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Tgt Ion:130 Resp: 1180521

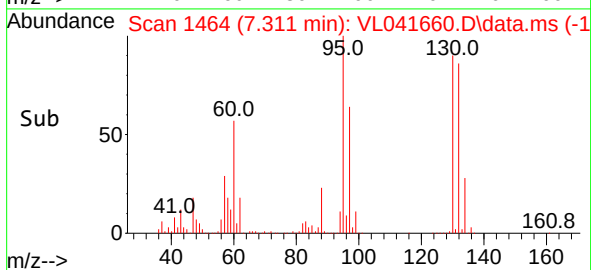
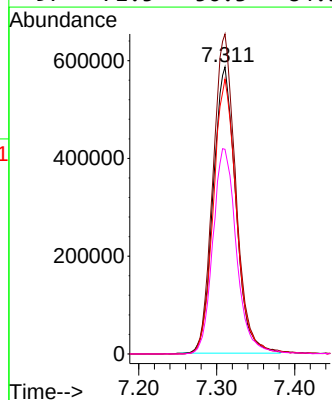
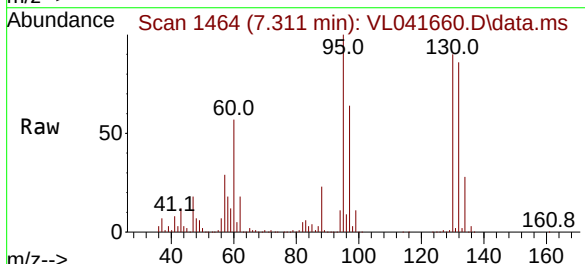
Ion Ratio Lower Upper

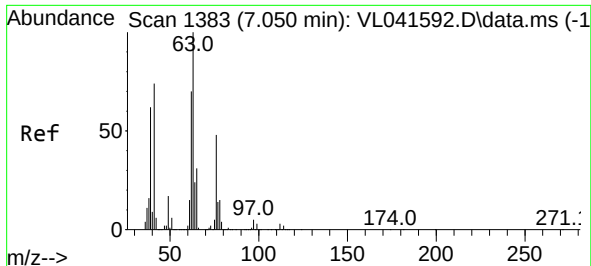
130 100

95 111.8 87.7 131.5

132 96.0 74.5 111.7

97 71.5 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.838 ppbv

RT: 7.092 min Scan# 1462

Delta R.T. 0.042 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 948760

Ion Ratio Lower Upper

63 100

41 73.9 59.5 89.3

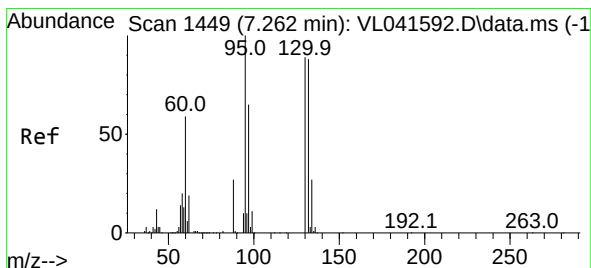
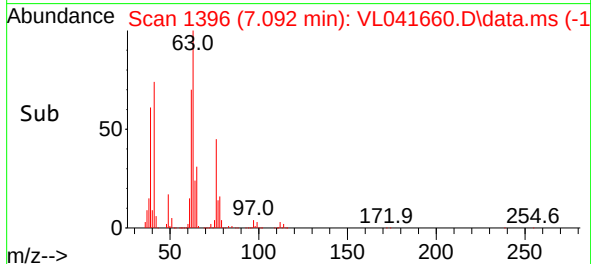
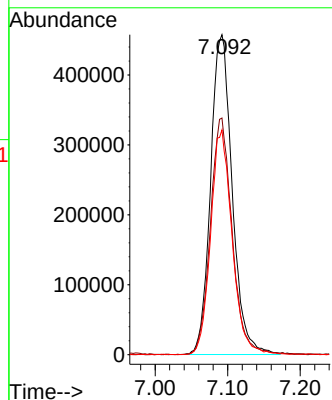
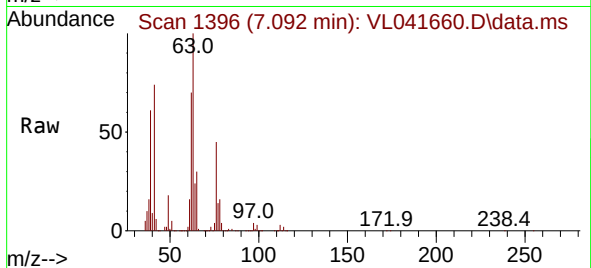
62 70.2 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#40

1,4-Dioxane

Concen: 11.423 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.042 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Tgt Ion: 88 Resp: 376944

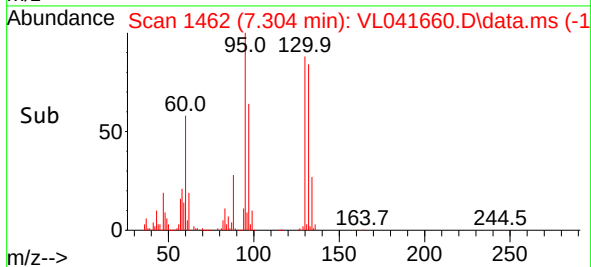
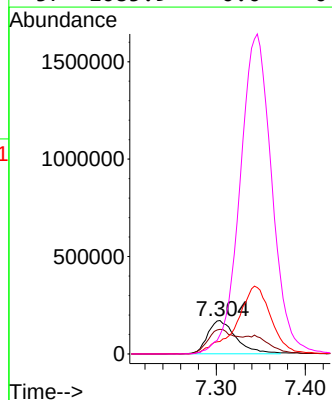
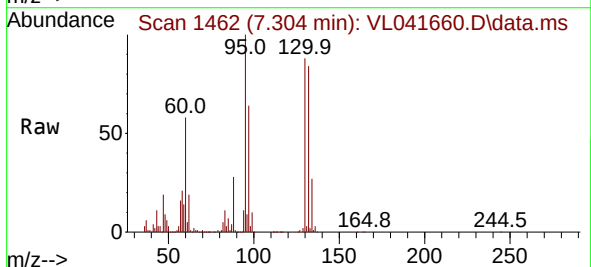
Ion Ratio Lower Upper

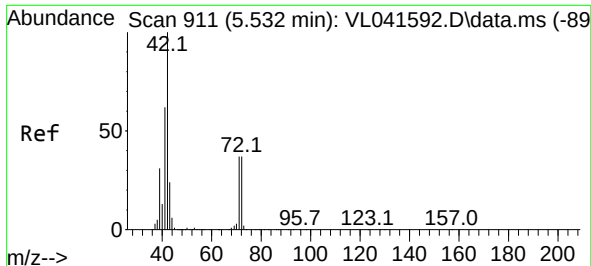
88 100

58 124.8 100.2 150.4

43 250.3 0.0 0.0#

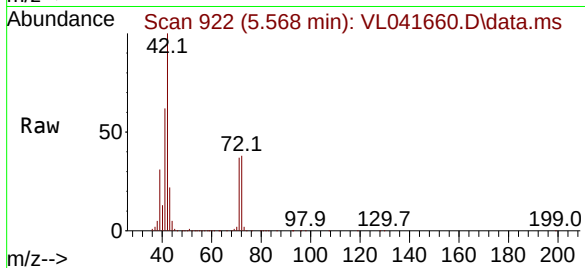
57 1085.9 0.0 0.0#





#41
Tetrahydrofuran
Concen: 12.493 ppbv
RT: 5.568 min Scan# 911
Delta R.T. 0.035 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

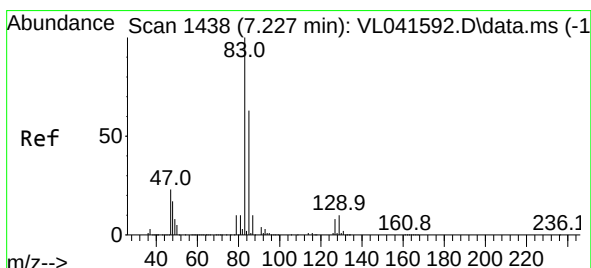
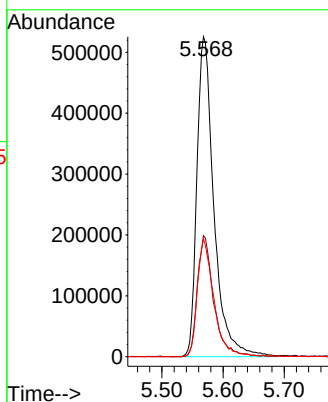
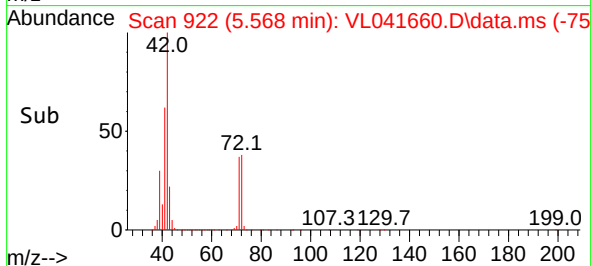
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



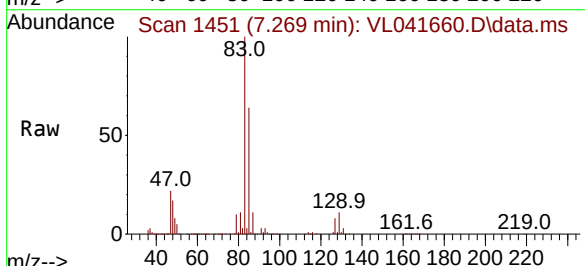
Tgt Ion: 42 Resp: 1015739
Ion Ratio Lower Upper
42 100
72 36.5 30.2 45.2
71 35.9 29.6 44.4

Manual Integrations
APPROVED

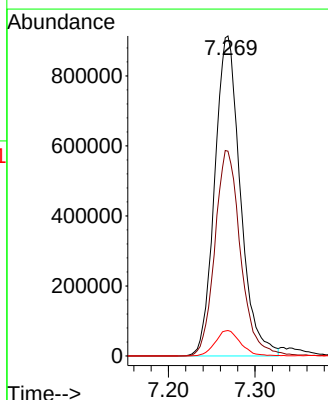
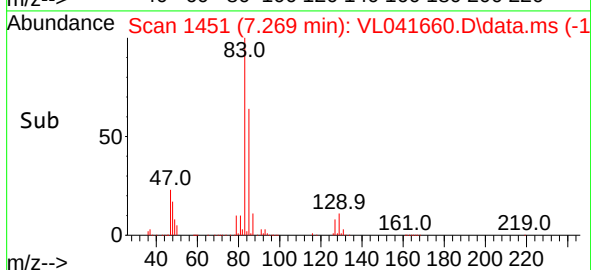
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

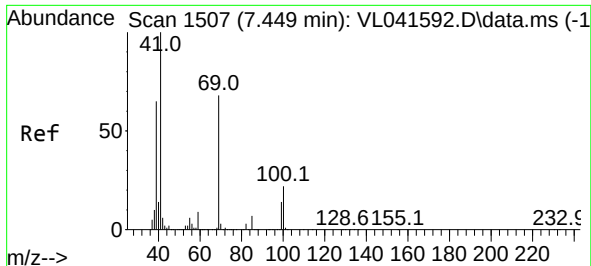


#42
Bromodichloromethane
Concen: 10.832 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.042 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



Tgt Ion: 83 Resp: 1881537
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.0 6.5 9.7





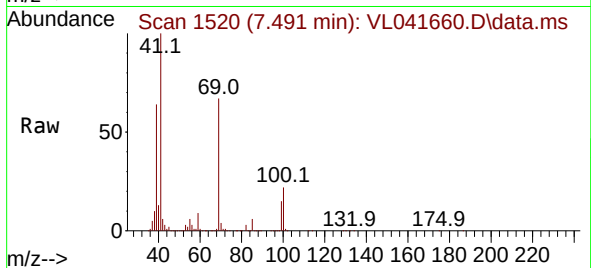
#43
Methyl Methacrylate
Concen: 12.248 ppbv
RT: 7.491 min Scan# 1475
Delta R.T. 0.042 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

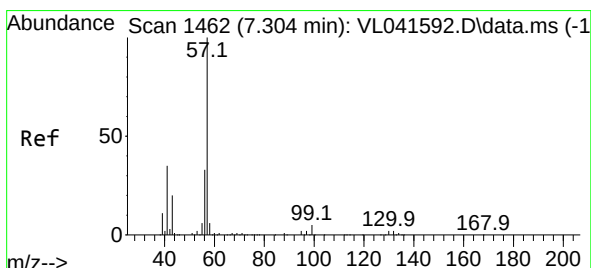
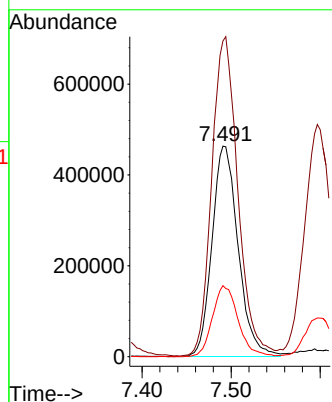
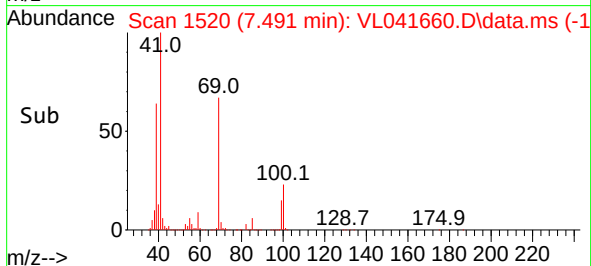


Tgt Ion: 69 Resp: 943145
Ion Ratio Lower Upper
69 100
41 152.2 121.8 182.6
100 33.2 26.5 39.7

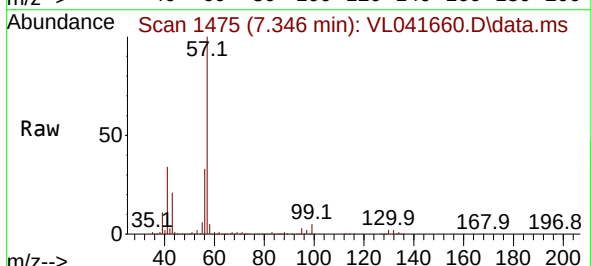
Manual Integrations

APPROVED

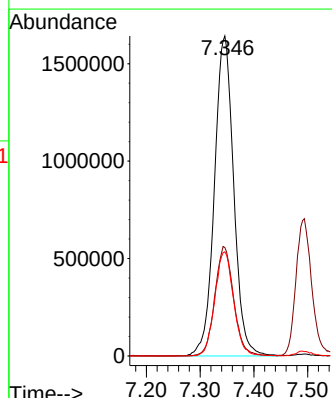
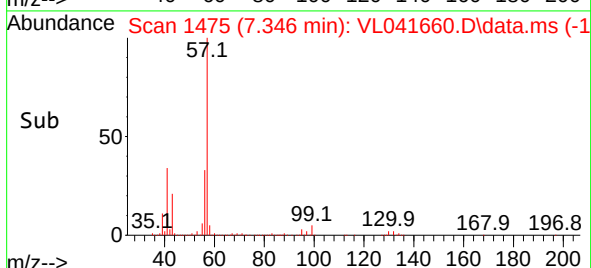
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

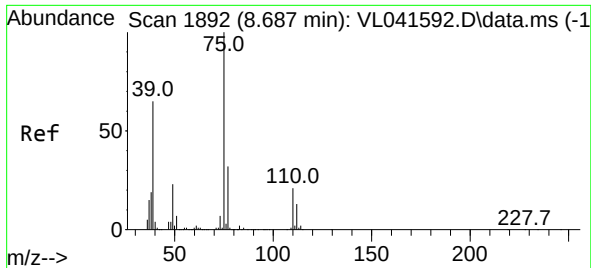


#44
2,2,4-Trimethylpentane
Concen: 10.987 ppbv
RT: 7.346 min Scan# 1475
Delta R.T. 0.042 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



Tgt Ion: 57 Resp: 4090203
Ion Ratio Lower Upper
57 100
41 33.5 27.0 40.6
56 31.9 25.5 38.3





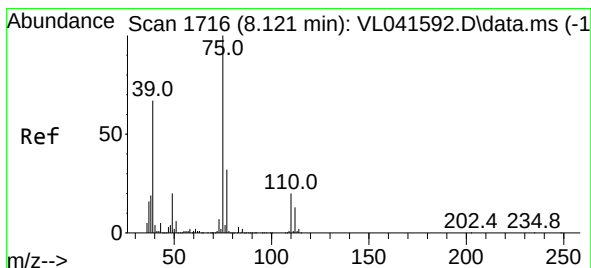
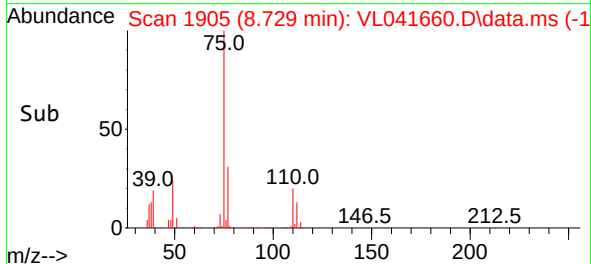
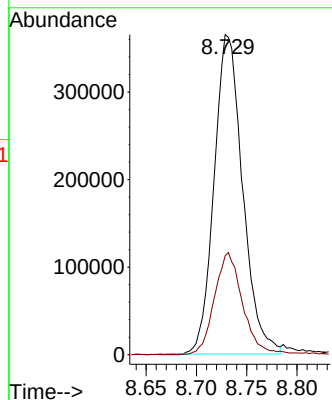
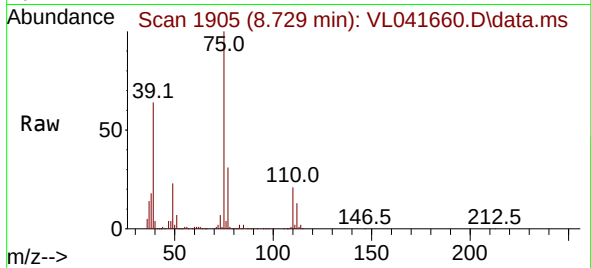
#45
t-1,3-Dichloropropene
Concen: 11.605 ppbv
RT: 8.729 min Scan# 1729
Delta R.T. 0.042 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 720472
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

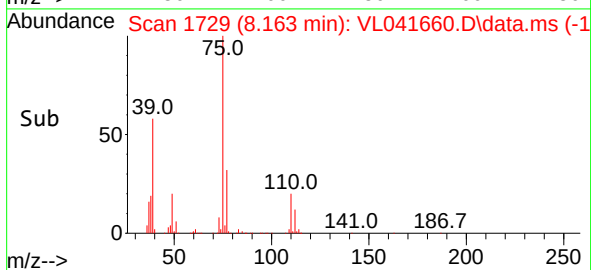
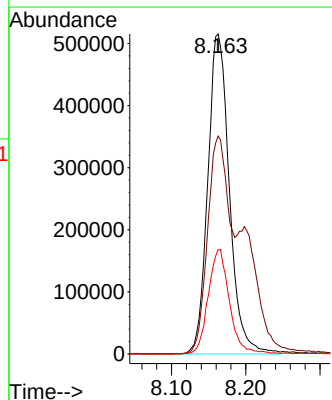
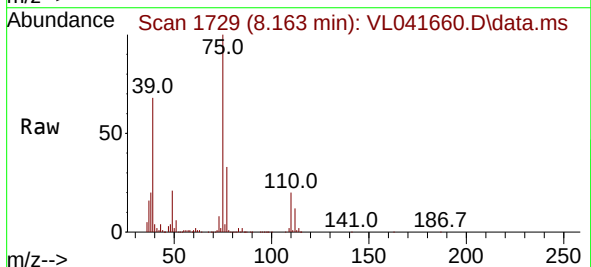
Manual Integrations
APPROVED

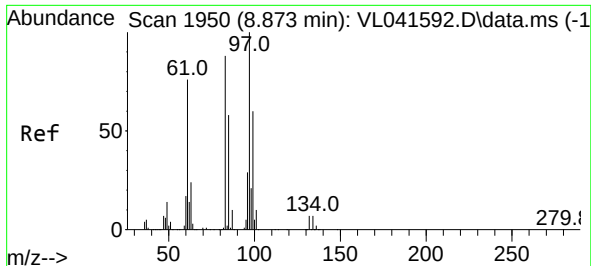
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#46
cis-1,3-Dichloropropene
Concen: 11.444 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.042 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

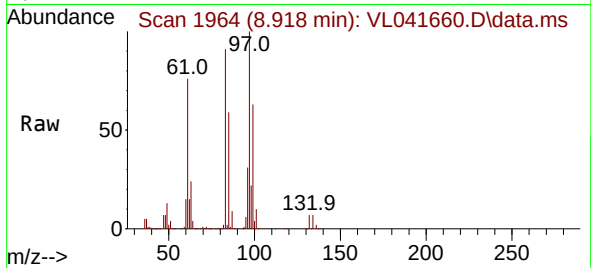
Tgt Ion: 75 Resp: 1040833
Ion Ratio Lower Upper
75 100
39 68.0 54.0 81.0
77 32.5 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 10.517 ppbv
RT: 8.918 min Scan# 1950
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

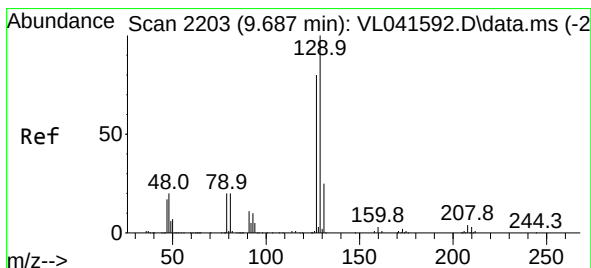
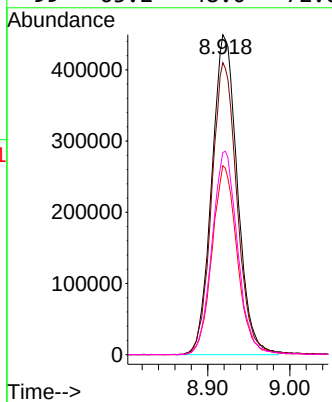
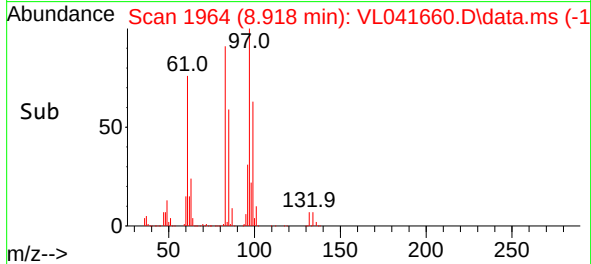
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 97752
Ion Ratio Lower Upper
97 100
83 91.3 70.2 105.4
85 59.0 46.3 69.5
99 63.2 48.0 72.0

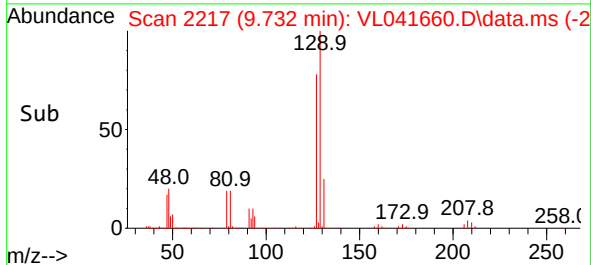
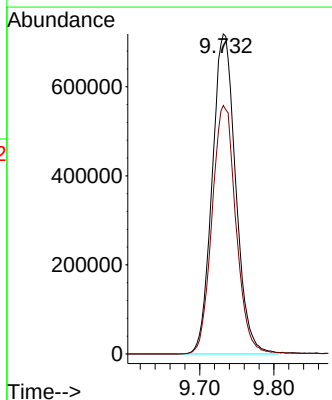
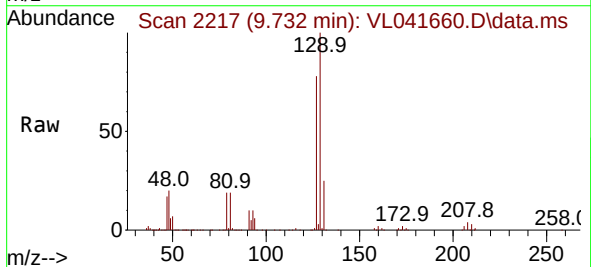
Manual Integrations
APPROVED

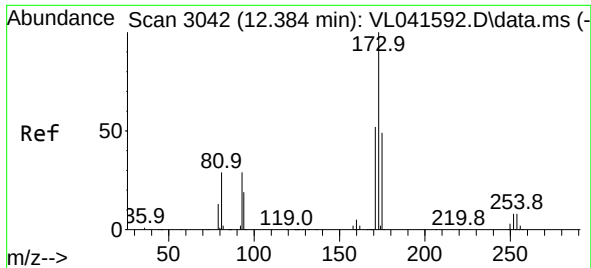
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#48
Dibromochloromethane
Concen: 11.245 ppbv
RT: 9.732 min Scan# 2217
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

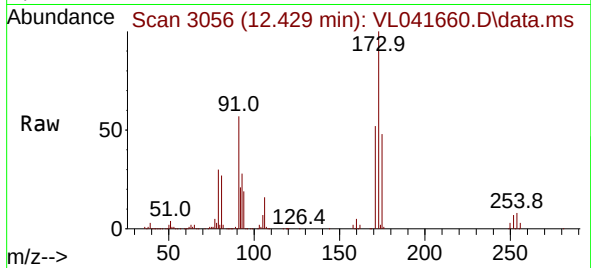
Tgt Ion:129 Resp: 1583619
Ion Ratio Lower Upper
129 100
127 79.2 39.3 117.9





#49
Bromoform
Concen: 11.284 ppbv
RT: 12.429 min Scan# 3042
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

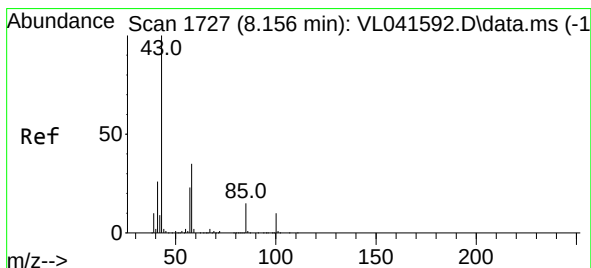
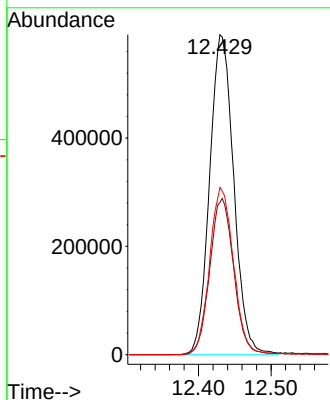
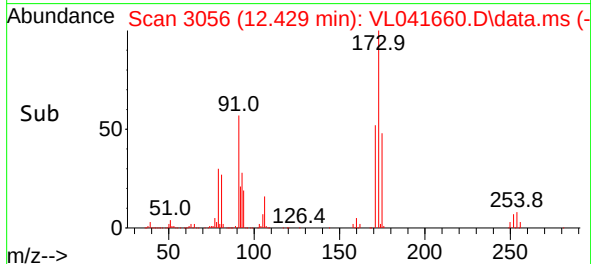
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 136412
Ion Ratio Lower Upper
173 100
175 48.7 40.1 60.1
171 52.4 42.2 63.4

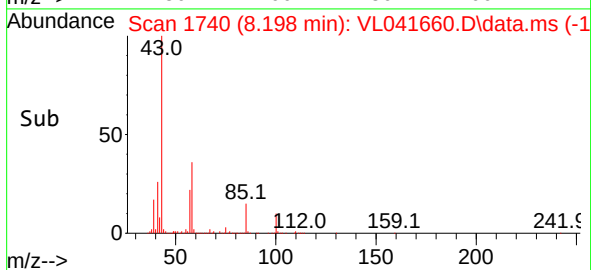
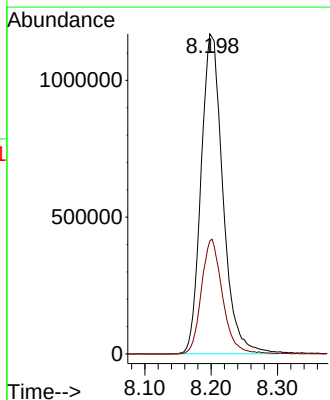
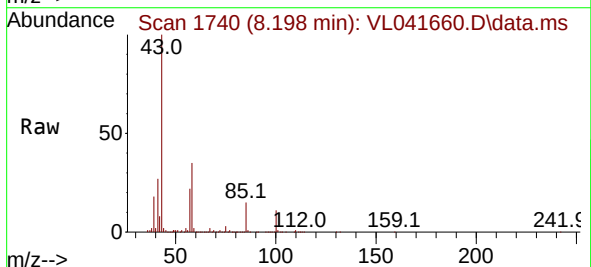
Manual Integrations
APPROVED

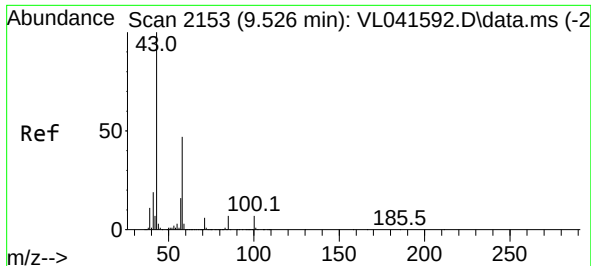
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#50
4-Methyl-2-Pentanone
Concen: 11.729 ppbv
RT: 8.198 min Scan# 1740
Delta R.T. 0.042 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

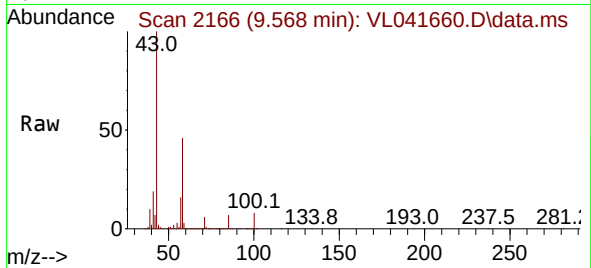
Tgt Ion: 43 Resp: 2676056
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8





#51
2-Hexanone
Concen: 12.289 ppbv
RT: 9.568 min Scan# 2153
Delta R.T. 0.042 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

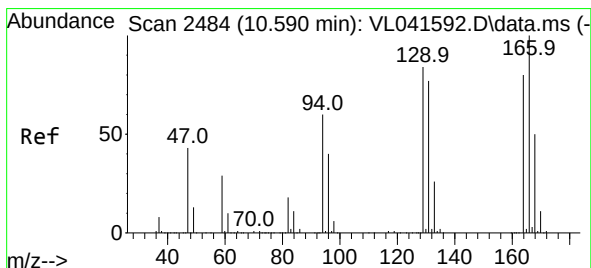
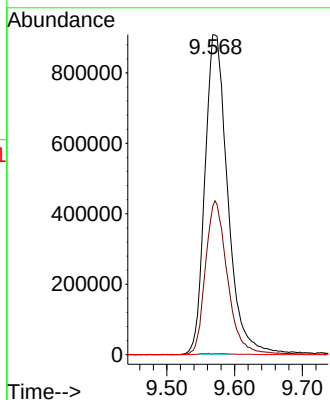
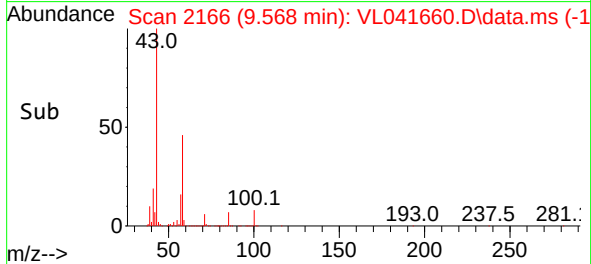
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2120800
Ion Ratio Lower Upper
43 100
58 47.0 37.2 55.8
98 0.6 0.5 0.7

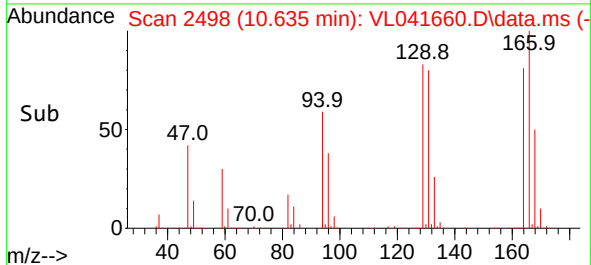
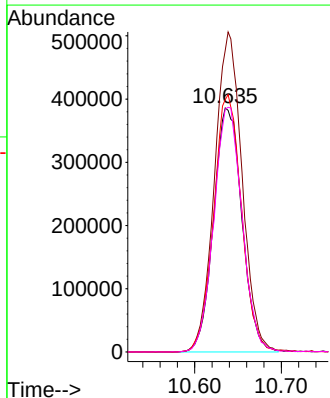
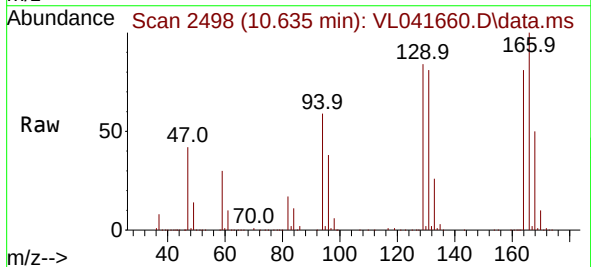
Manual Integrations
APPROVED

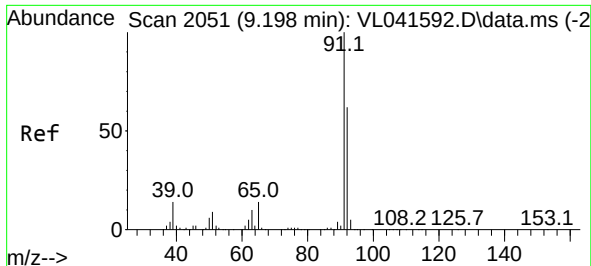
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#52
Tetrachloroethene
Concen: 11.246 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

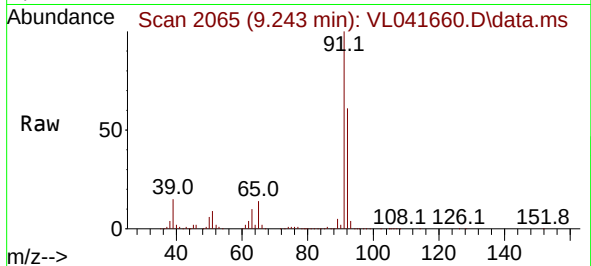
Tgt Ion:164 Resp: 876267
Ion Ratio Lower Upper
164 100
166 123.6 99.4 149.2
129 103.3 83.5 125.3
131 99.6 76.5 114.7





#53
Toluene
Concen: 12.025 ppbv
RT: 9.243 min Scan# 2051
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

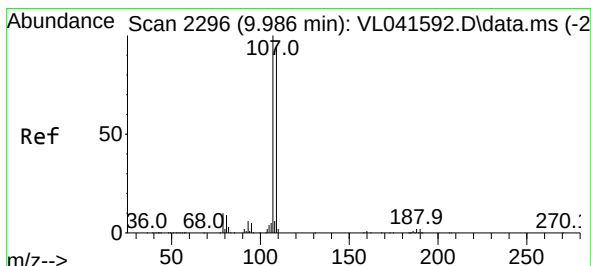
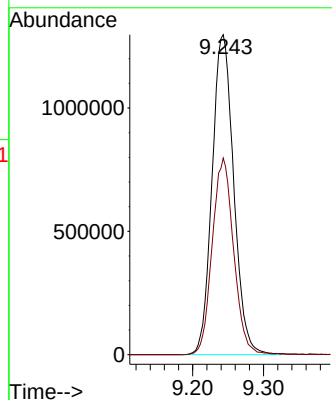
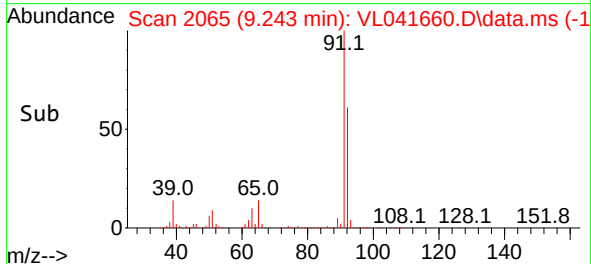
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



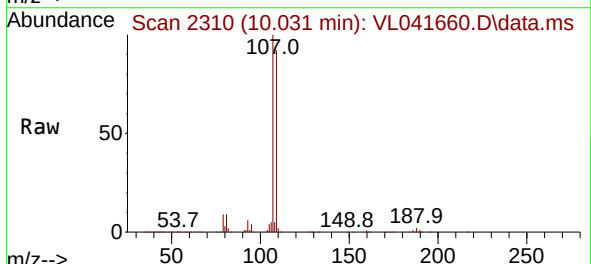
Tgt Ion: 91 Resp: 274665
Ion Ratio Lower Upper
91 100
92 60.9 48.9 73.3

Manual Integrations
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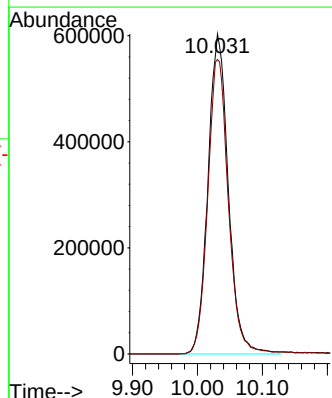
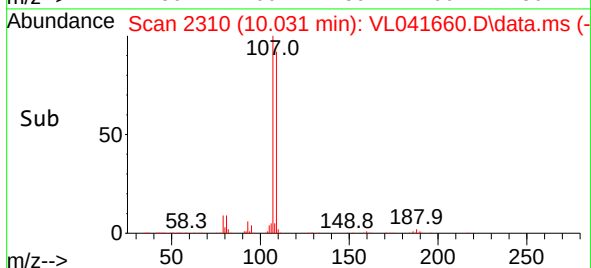
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

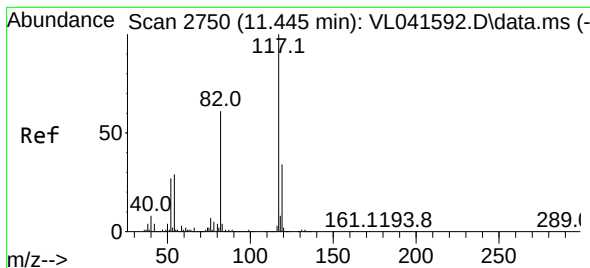


#54
1,2-Dibromoethane
Concen: 11.491 ppbv
RT: 10.031 min Scan# 2310
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



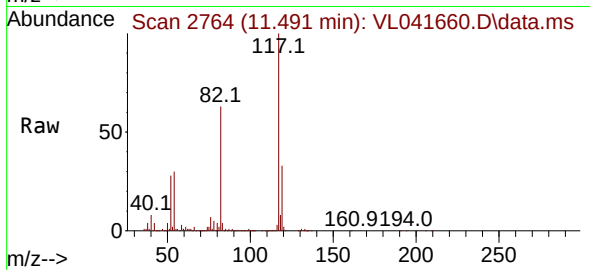
Tgt Ion:107 Resp: 1315299
Ion Ratio Lower Upper
107 100
109 92.0 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

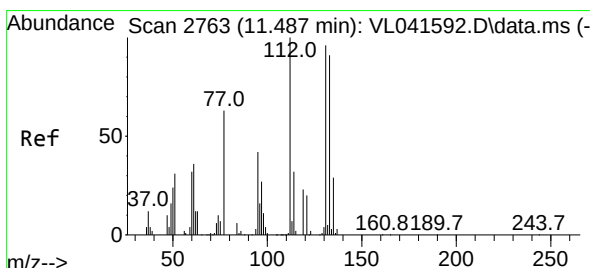
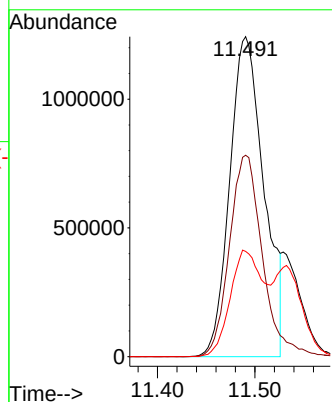
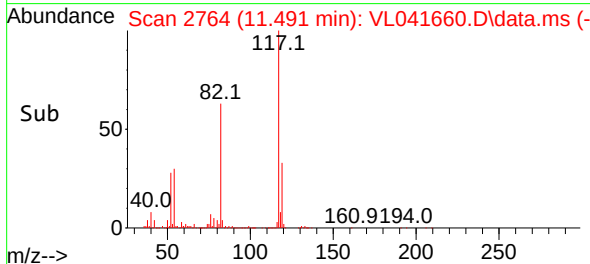
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



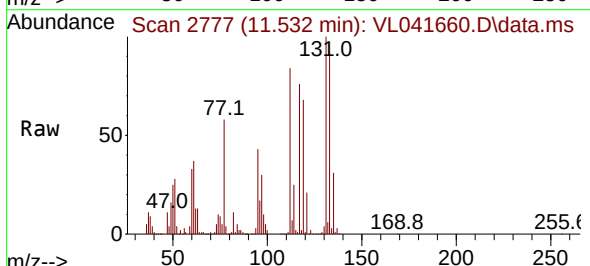
Tgt Ion:117 Resp: 303356
Ion Ratio Lower Upper
117 100
82 61.1 49.4 74.2
119 32.9 24.4 36.6

Manual Integrations
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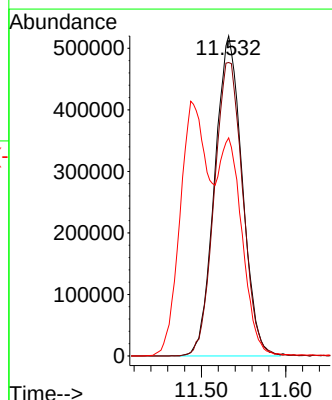
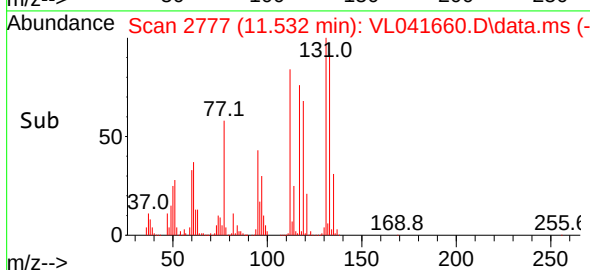
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

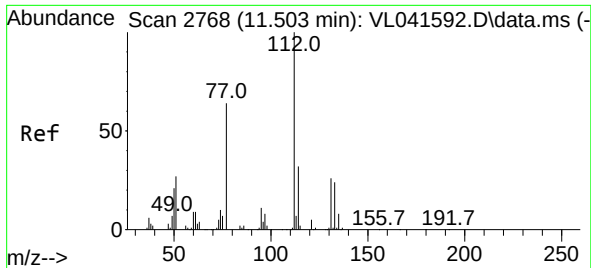


#56
1,1,1,2-Tetrachloroethane
Concen: 9.961 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



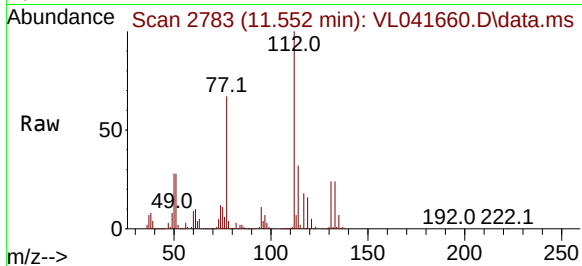
Tgt Ion:131 Resp: 1179827
Ion Ratio Lower Upper
131 100
133 95.1 76.6 115.0
119 63.0 48.5 72.7





#57
Chlorobenzene
Concen: 9.579 ppbv
RT: 11.552 min Scan# 21
Delta R.T. 0.048 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

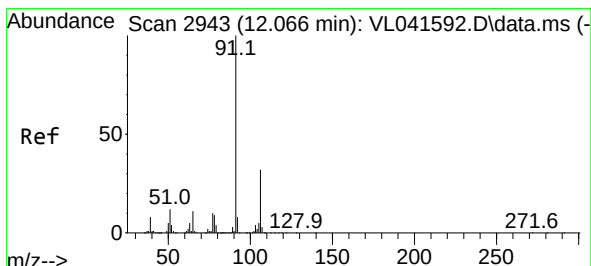
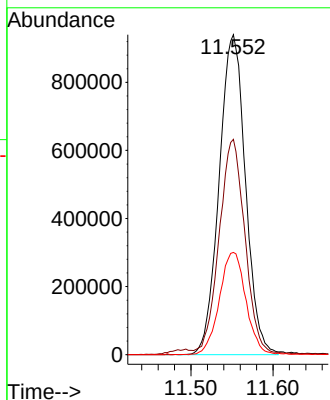
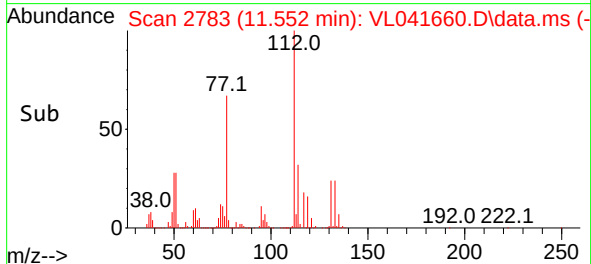
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



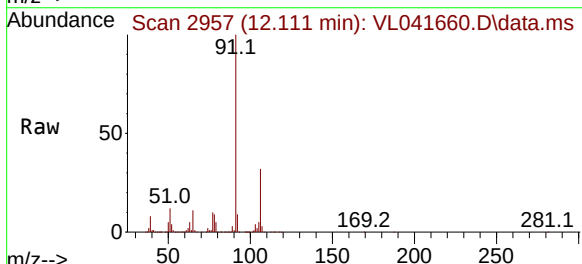
Tgt Ion:112 Resp: 2095164
Ion Ratio Lower Upper
112 100
77 66.5 52.0 78.0
114 31.9 28.6 35.0

Manual Integrations
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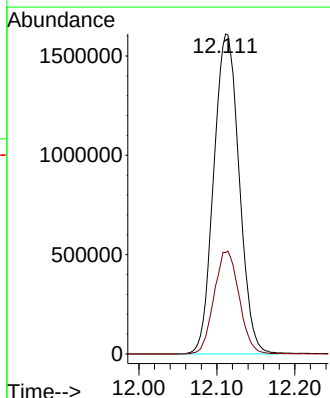
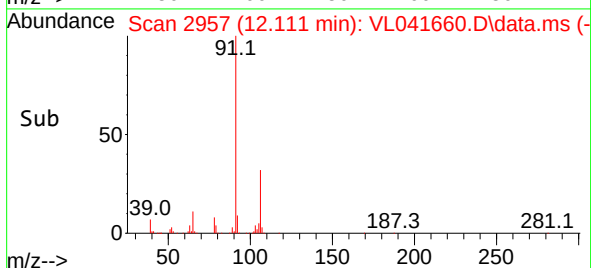
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

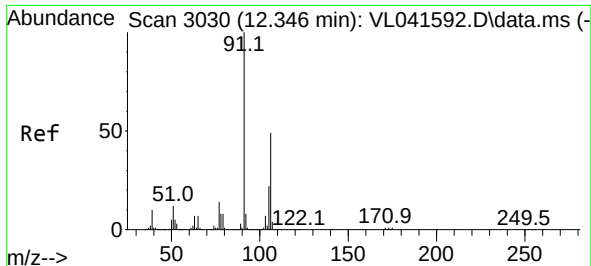


#58
Ethyl Benzene
Concen: 11.259 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



Tgt Ion: 91 Resp: 3656350
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.6





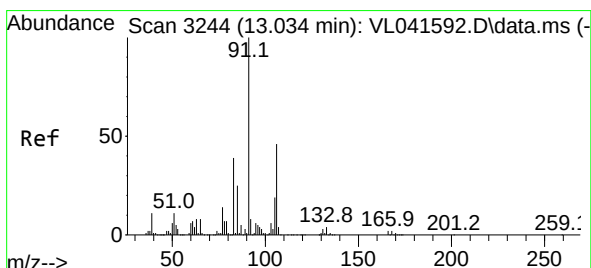
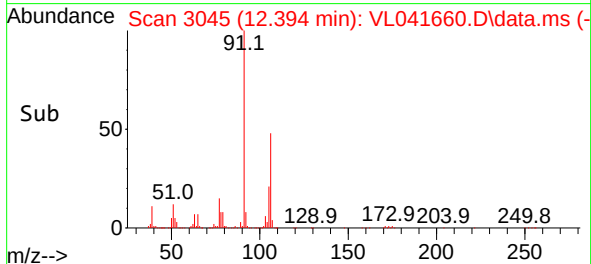
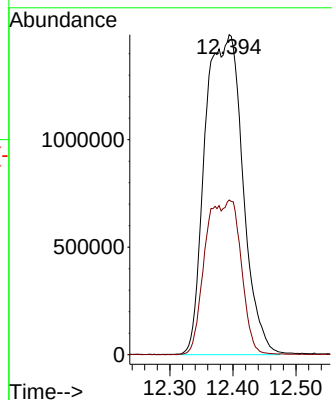
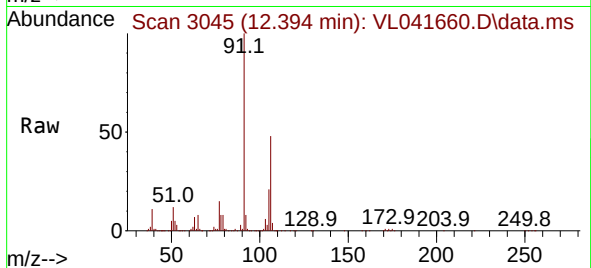
#59
m/p-Xylene
Concen: 21.342 ppbv m
RT: 12.394 min Scan# 3030
Delta R.T. 0.048 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 6168384
Ion Ratio Lower Upper
91 100
106 46.0 36.8 55.2

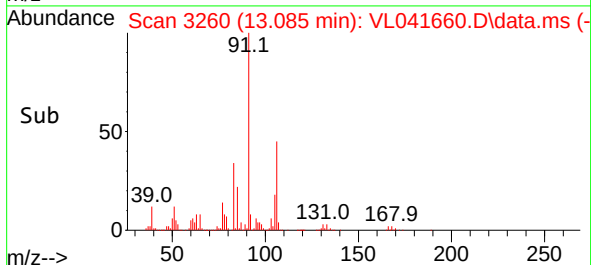
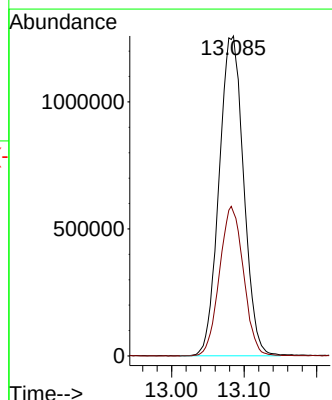
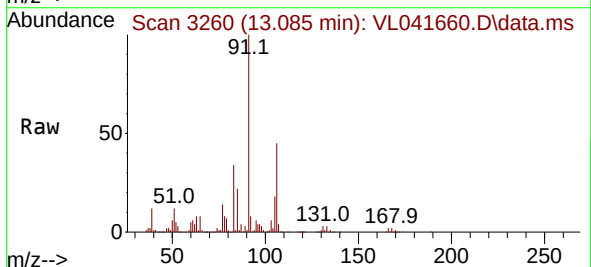
Manual Integrations
APPROVED

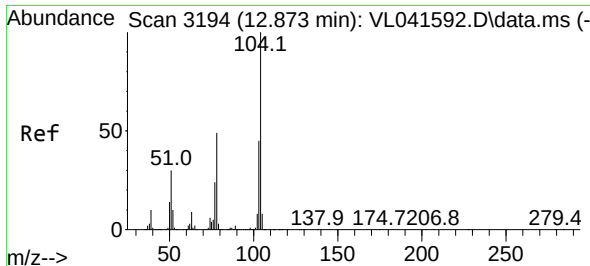
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#60
o-Xylene
Concen: 10.680 ppbv
RT: 13.085 min Scan# 3260
Delta R.T. 0.052 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

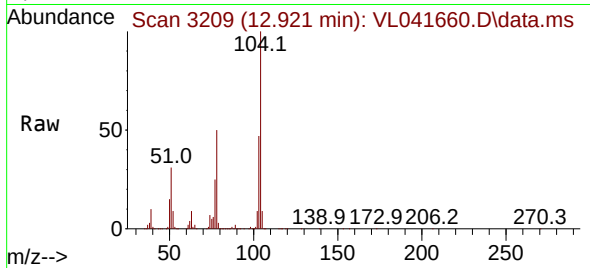
Tgt Ion: 91 Resp: 2959365
Ion Ratio Lower Upper
91 100
106 45.8 23.1 69.3





#61
Styrene
Concen: 12.295 ppbv
RT: 12.921 min Scan# 3194
Delta R.T. 0.048 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

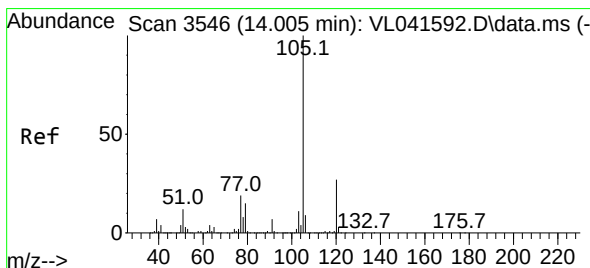
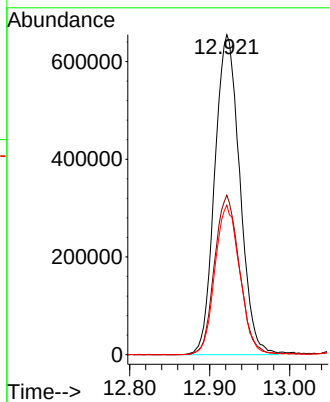
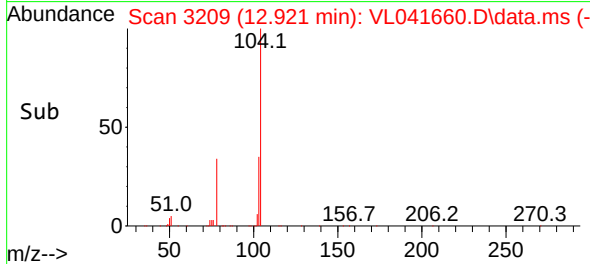
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



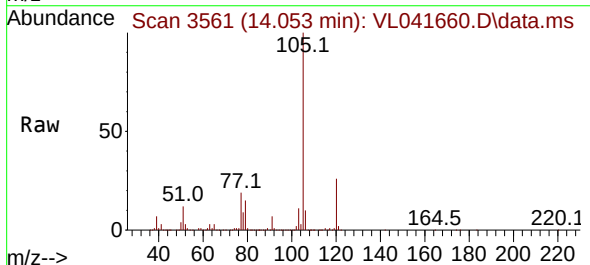
Tgt Ion:104 Resp: 1423379
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.6
103 46.4 37.4 56.0

Manual Integrations
APPROVED

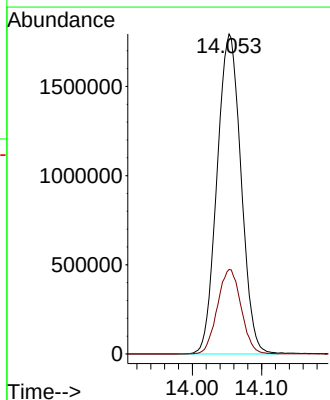
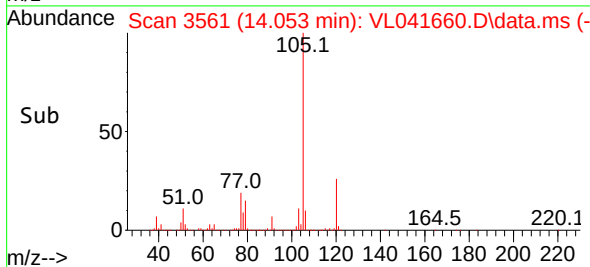
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

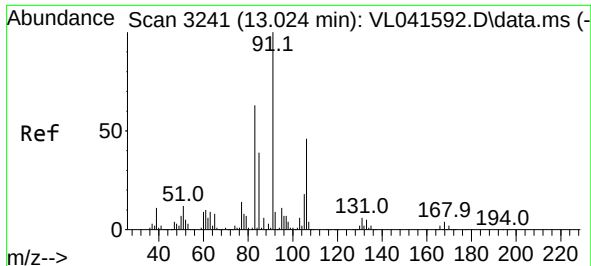


#62
Isopropylbenzene
Concen: 10.275 ppbv
RT: 14.053 min Scan# 3561
Delta R.T. 0.048 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



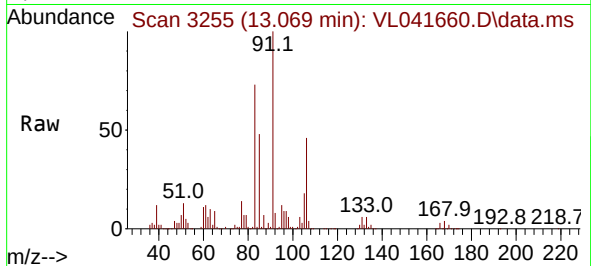
Tgt Ion:105 Resp: 4313712
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 10.783 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

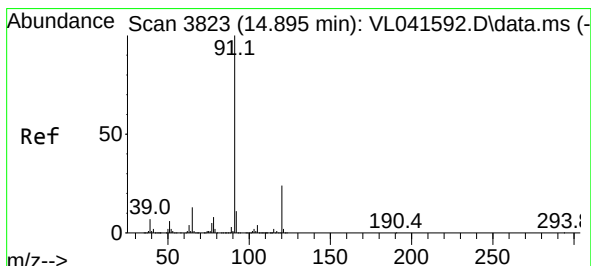
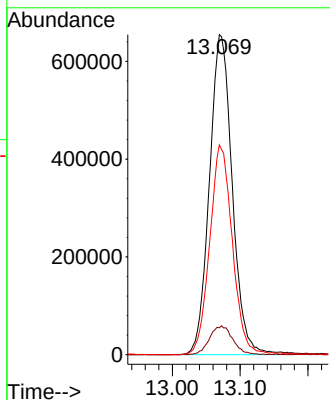
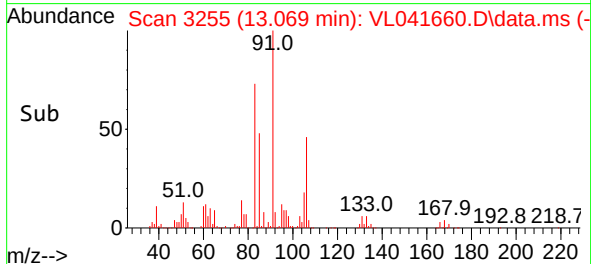
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



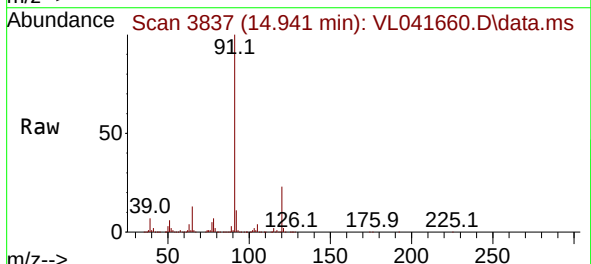
Tgt Ion: 83 Resp: 1527720
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 65.7 32.5 97.4

Manual Integrations
APPROVED

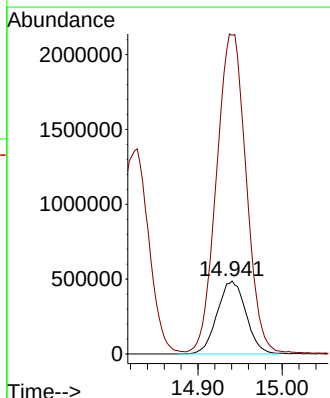
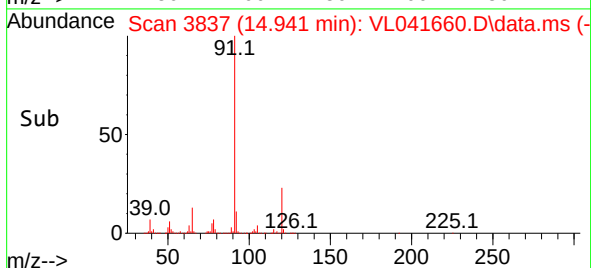
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

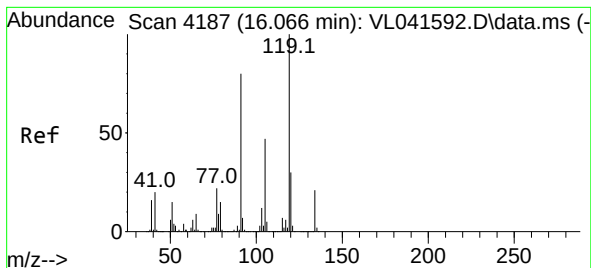


#64
n-propylbenzene
Concen: 10.623 ppbv
RT: 14.941 min Scan# 3837
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



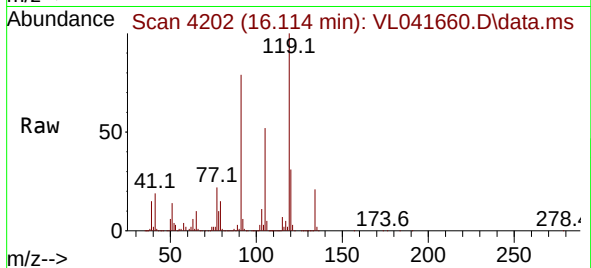
Tgt Ion:120 Resp: 1151763
Ion Ratio Lower Upper
120 100
91 456.7 366.4 549.6





#65
tert-Butylbenzene
Concen: 9.995 ppbv
RT: 16.114 min Scan# 4187
Delta R.T. 0.048 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

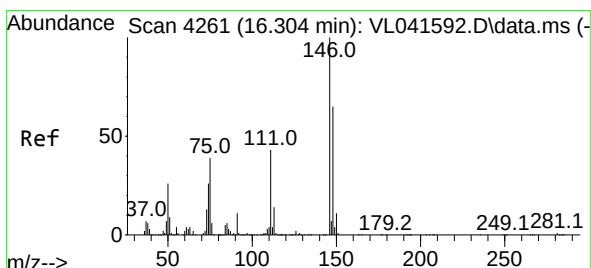
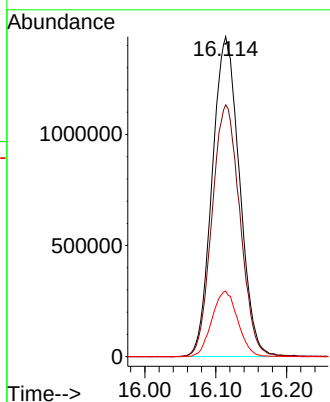
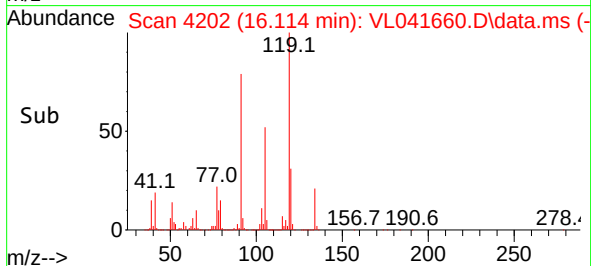
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



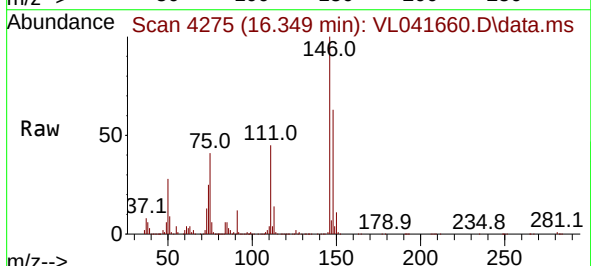
Tgt Ion:119 Resp: 3846358
Ion Ratio Lower Upper
119 100
91 80.9 64.6 96.8
134 19.6 15.8 23.8

Manual Integrations
APPROVED

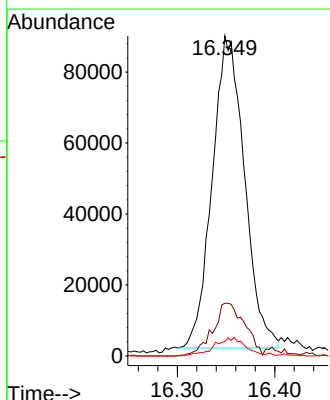
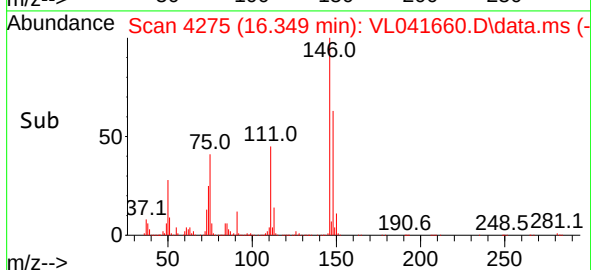
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

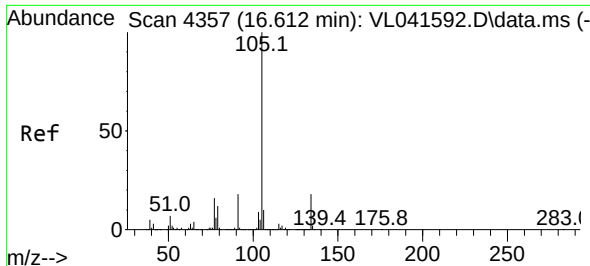


#66
Benzyl Chloride
Concen: 10.098 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



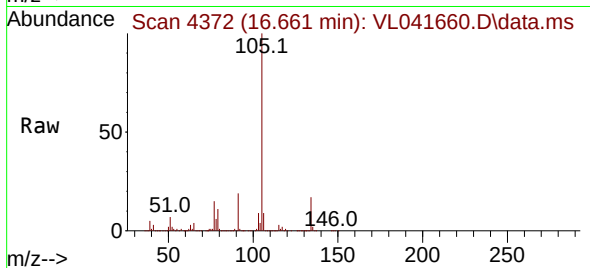
Tgt Ion: 91 Resp: 202012
Ion Ratio Lower Upper
91 100
126 18.5 15.4 23.2
128 6.0 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 10.073 ppbv
 RT: 16.661 min Scan# 41
 Delta R.T. 0.048 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

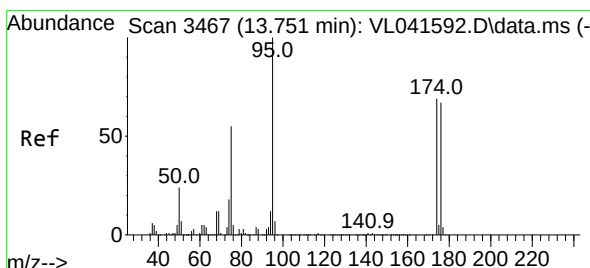
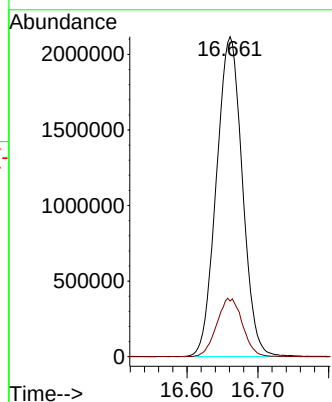
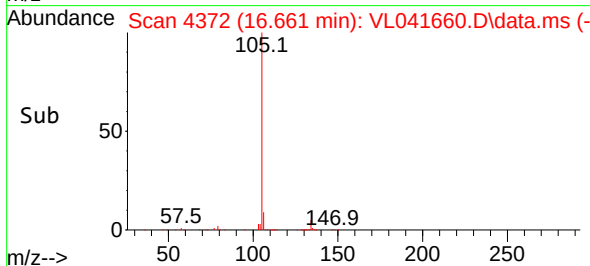
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



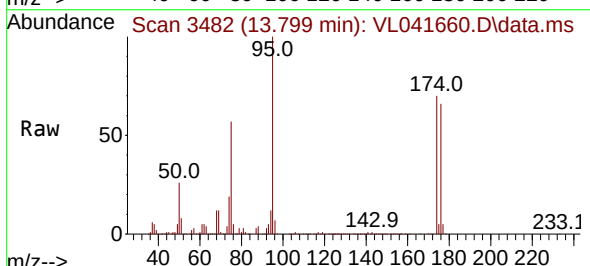
Tgt Ion:105 Resp: 5377834
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.6 21.8

Manual Integrations
 APPROVED

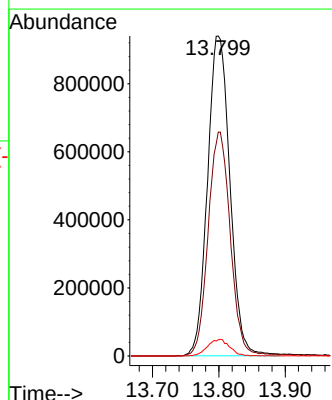
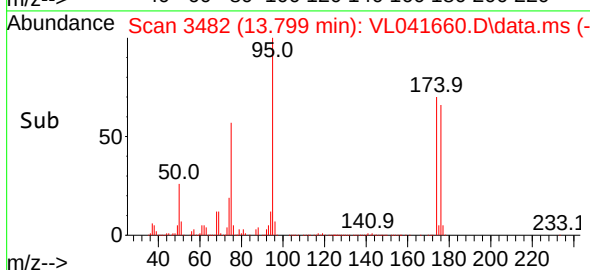
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

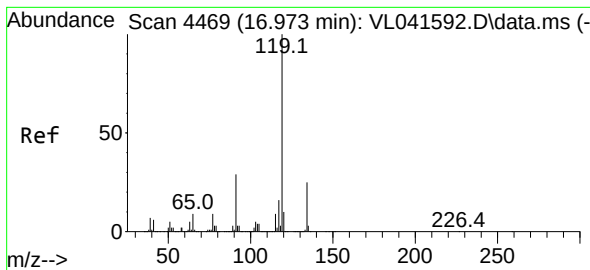


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.891 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.048 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43



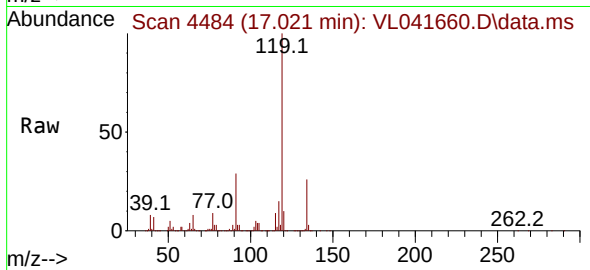
Tgt Ion: 95 Resp: 2208698
 Ion Ratio Lower Upper
 95 100
 174 69.6 55.8 83.8
 175 5.2 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.328 ppbv
RT: 17.021 min Scan# 4469
Delta R.T. 0.048 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

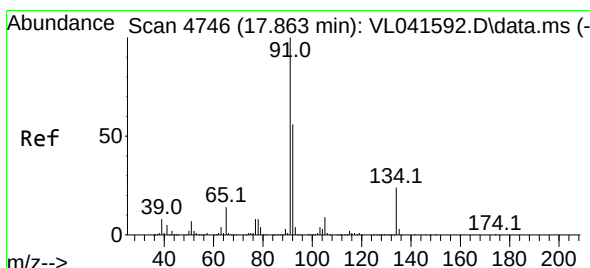
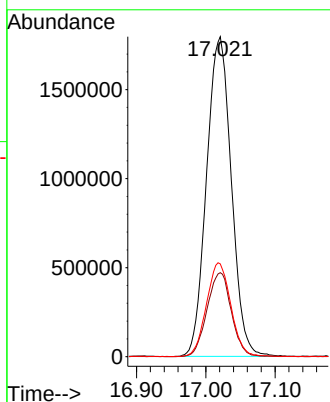
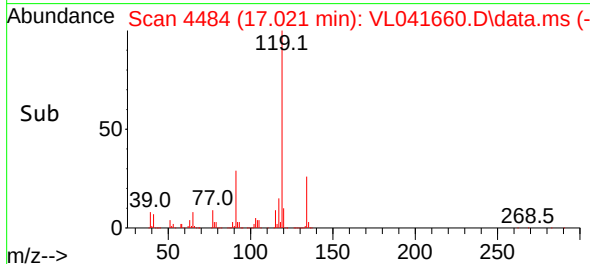
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



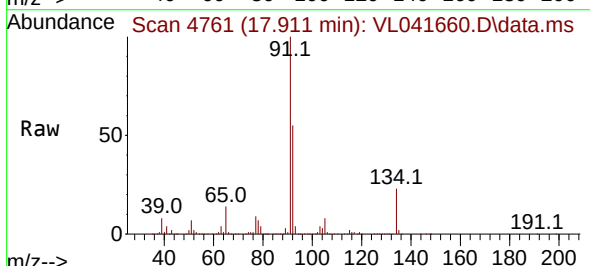
Tgt Ion:119 Resp: 4463259
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 28.9 23.1 34.7

Manual Integrations
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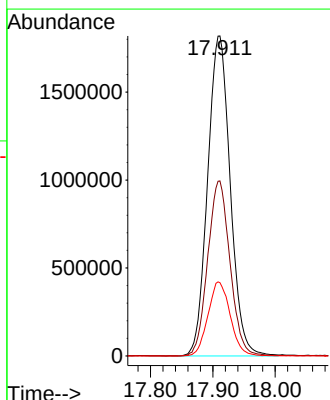
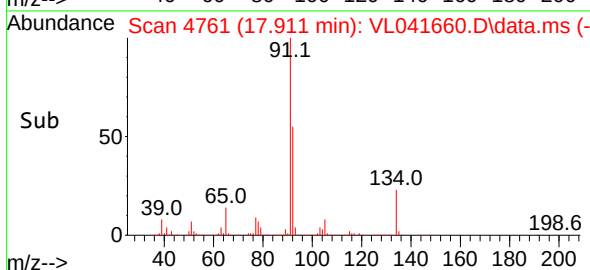
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

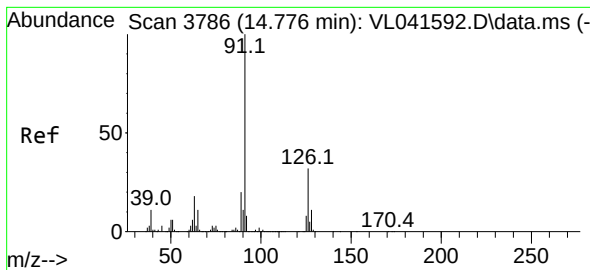


#70
n-Butylbenzene
Concen: 10.134 ppbv
RT: 17.911 min Scan# 4761
Delta R.T. 0.048 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



Tgt Ion: 91 Resp: 4587597
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 22.9 18.6 27.8





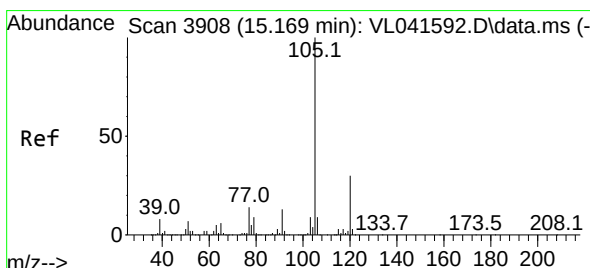
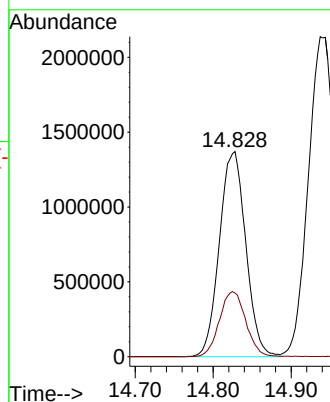
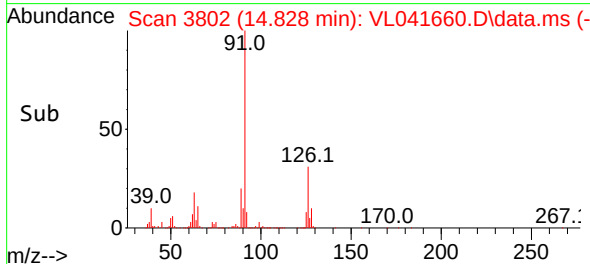
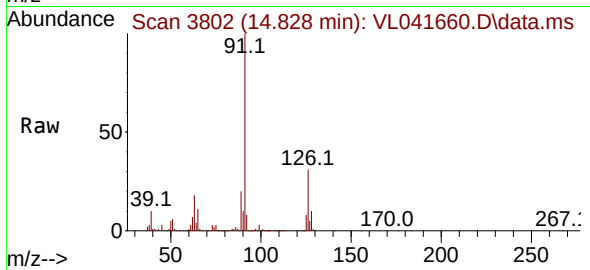
#71
2-Chlorotoluene
Concen: 10.450 ppbv
RT: 14.828 min Scan# 31
Delta R.T. 0.052 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 322778
Ion Ratio Lower Upper
91 100
126 31.9 12.9 51.5

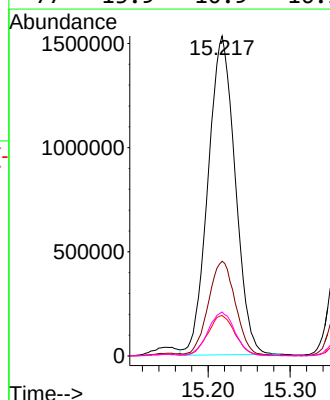
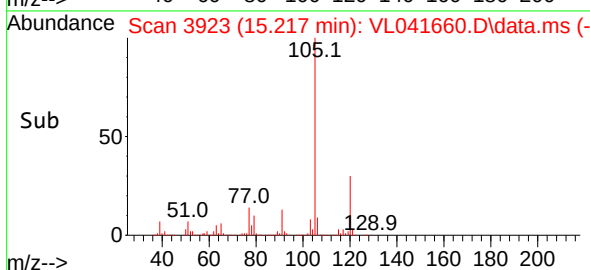
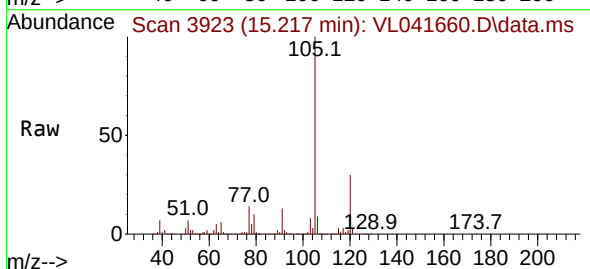
Manual Integrations
APPROVED

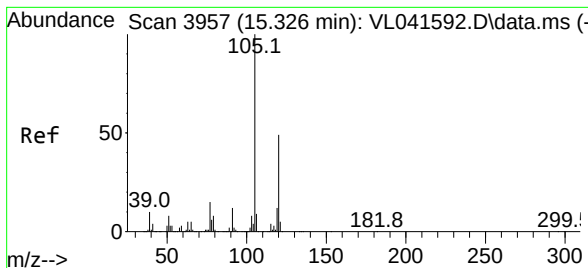
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#72
4-Ethyltoluene
Concen: 10.876 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.048 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

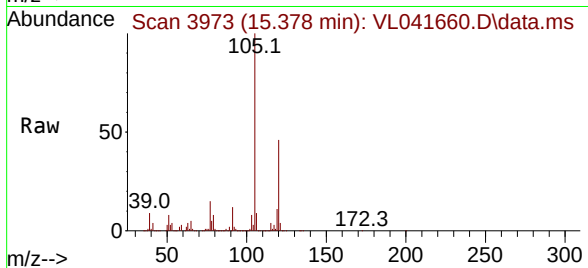
Tgt Ion:105 Resp: 3522903
Ion Ratio Lower Upper
105 100
120 30.1 24.1 36.1
91 13.7 10.2 15.2
77 13.9 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 10.544 ppbv
RT: 15.378 min Scan# 3957
Delta R.T. 0.052 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

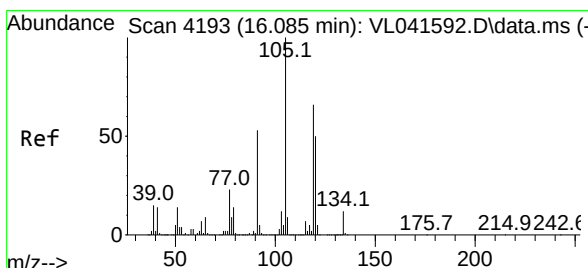
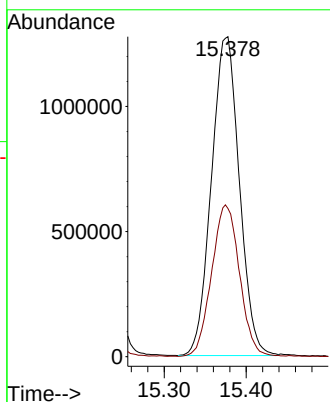
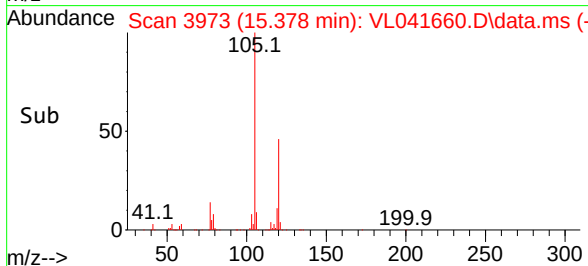
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



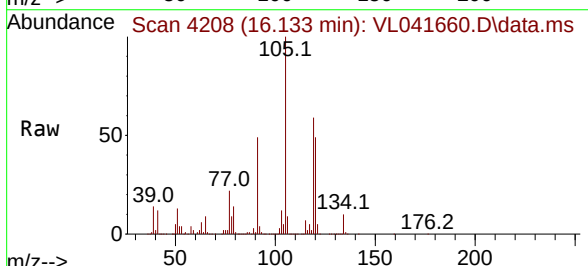
Tgt Ion:105 Resp: 301573
Ion Ratio Lower Upper
105 100
120 46.4 39.4 59.0

Manual Integrations
APPROVED

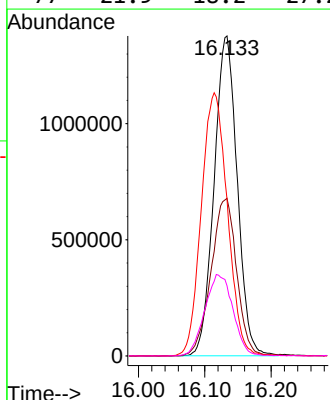
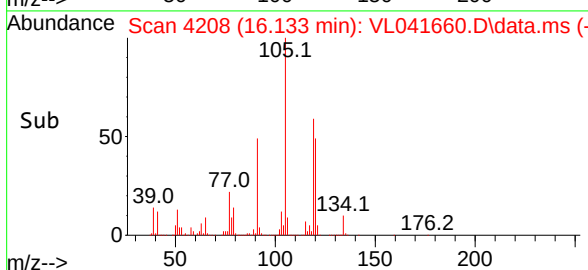
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

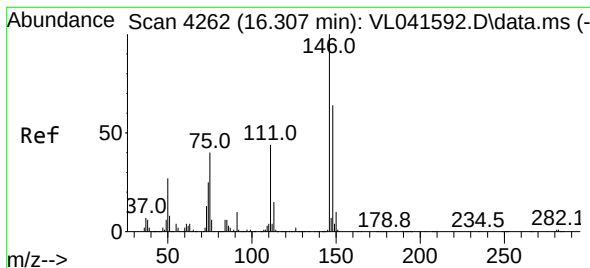


#74
1,2,4-Trimethylbenzene
Concen: 9.964 ppbv
RT: 16.133 min Scan# 4208
Delta R.T. 0.048 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43



Tgt Ion:105 Resp: 3335754
Ion Ratio Lower Upper
105 100
120 49.2 39.9 59.9
91 48.8 42.6 63.8
77 21.9 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.558 ppbv

RT: 16.355 min Scan# 41

Delta R.T. 0.048 min

Lab File: VL041660.D

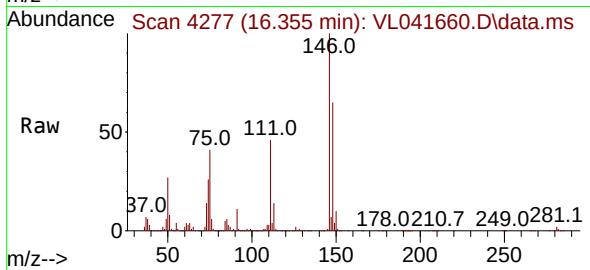
Acq: 14 Oct 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 200534

Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

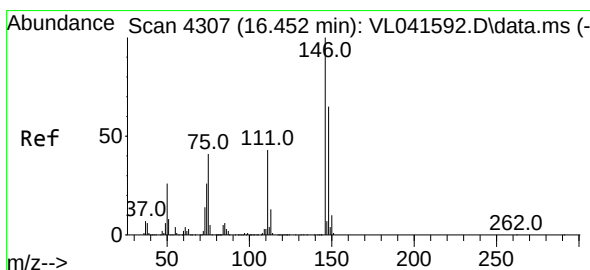
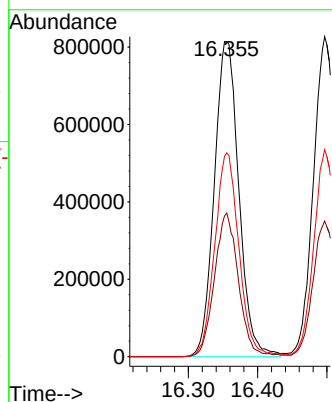
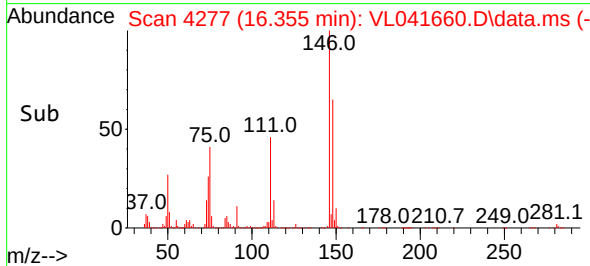
148 63.8 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#76

1,4-Dichlorobenzene

Concen: 9.571 ppbv

RT: 16.497 min Scan# 4321

Delta R.T. 0.045 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

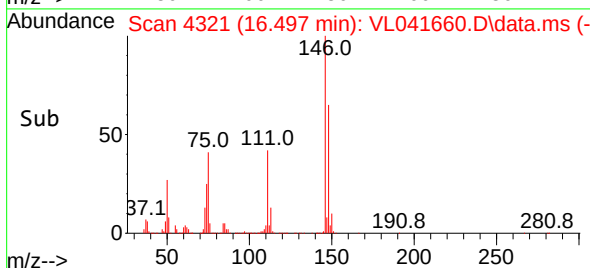
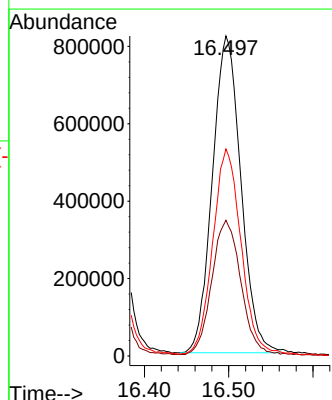
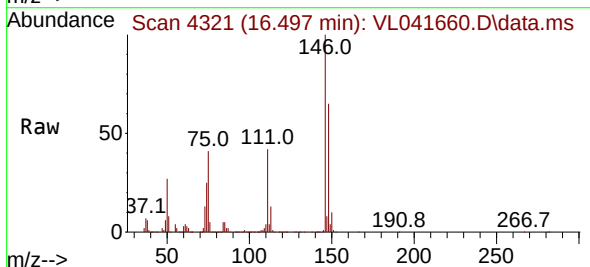
Tgt Ion:146 Resp: 1924339

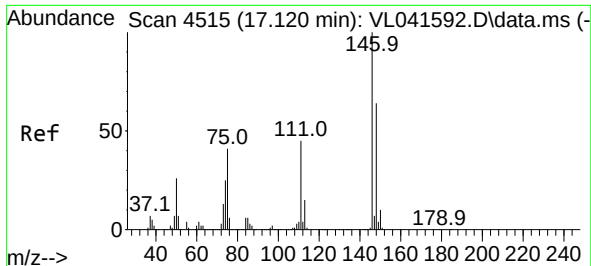
Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.3

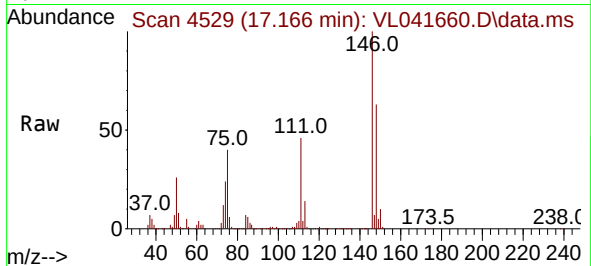
148 65.8 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 9.372 ppbv
RT: 17.166 min Scan# 4515
Delta R.T. 0.045 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

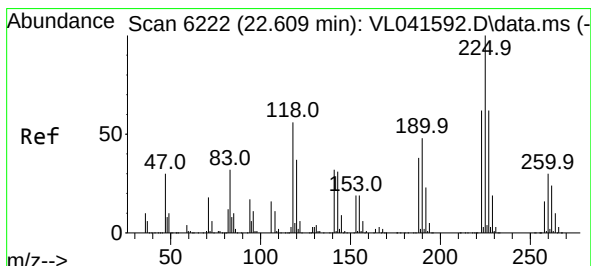
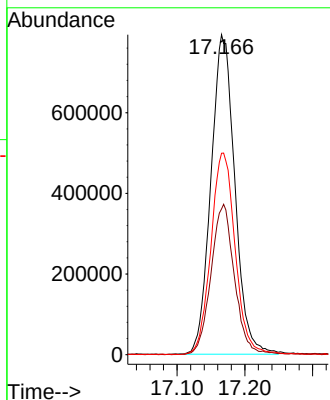
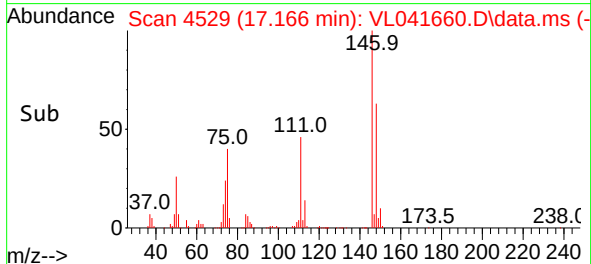
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 194118
Ion Ratio Lower Upper
146 100
111 46.4 23.4 70.0
148 64.2 32.5 97.4

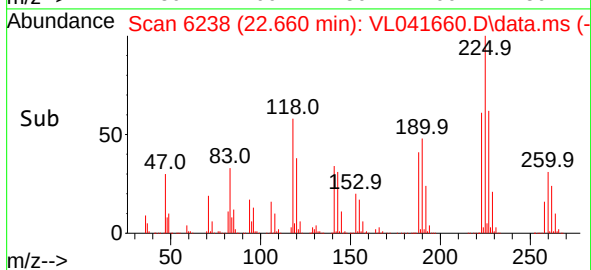
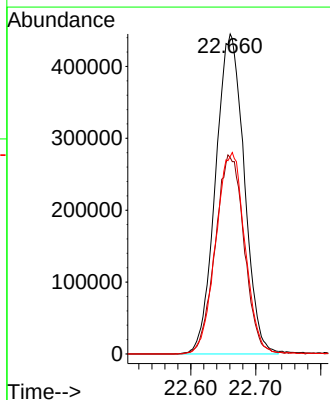
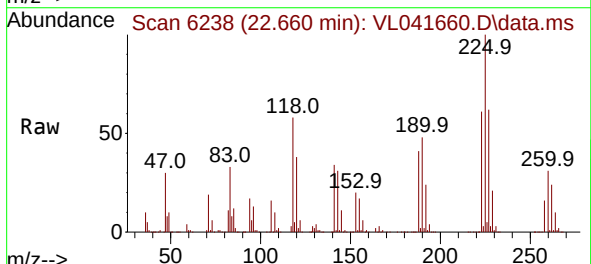
Manual Integrations
APPROVED

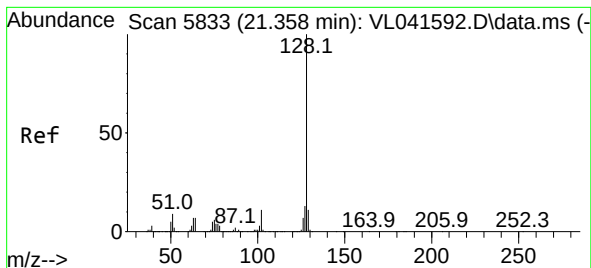
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#78
Hexachloro-1,3-Butadiene
Concen: 7.960 ppbv
RT: 22.660 min Scan# 6238
Delta R.T. 0.052 min
Lab File: VL041660.D
Acq: 14 Oct 2024 9:43

Tgt Ion:225 Resp: 1360072
Ion Ratio Lower Upper
225 100
223 63.2 50.6 75.8
227 64.5 50.9 76.3





#79

Naphthalene

Concen: 10.533 ppbv

RT: 21.410 min Scan# 5849

Delta R.T. 0.052 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 2595328

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

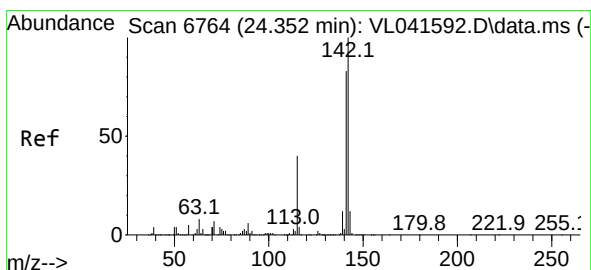
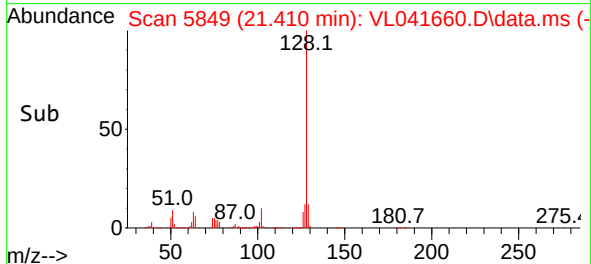
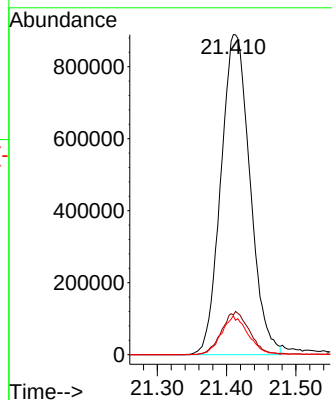
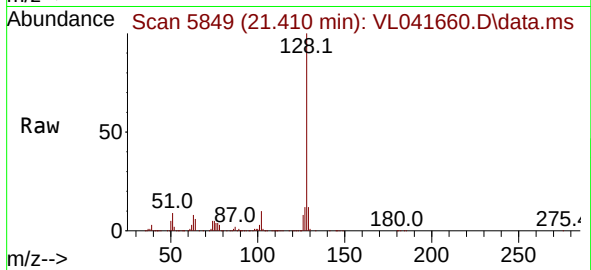
129 12.1 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#80

Naphthalene,2-methyl-

Concen: 5.185 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. 0.042 min

Lab File: VL041660.D

Acq: 14 Oct 2024 9:43

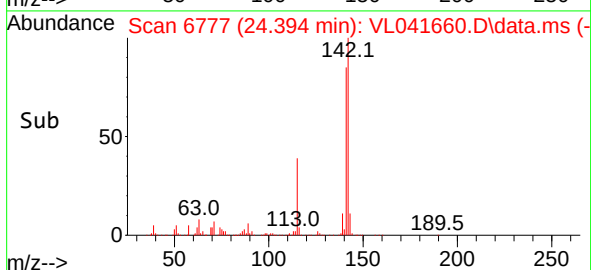
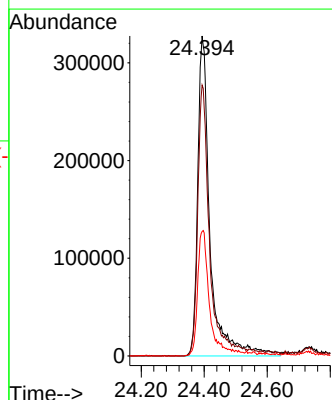
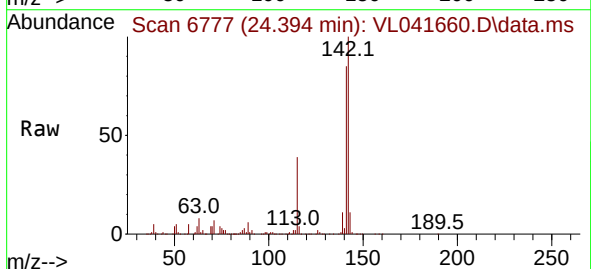
Tgt Ion:142 Resp: 895271

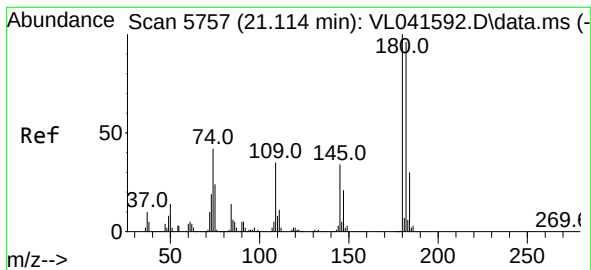
Ion Ratio Lower Upper

142 100

141 82.8 66.3 99.5

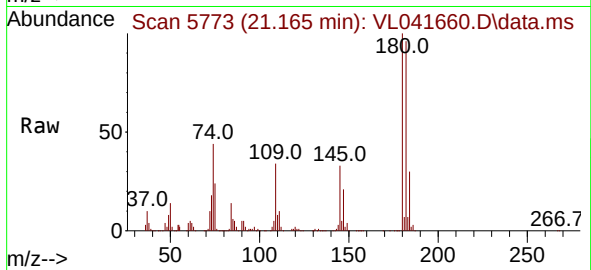
115 38.0 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.877 ppbv
 RT: 21.165 min Scan# 51
 Delta R.T. 0.052 min
 Lab File: VL041660.D
 Acq: 14 Oct 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 139054
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.5 114.7
 184 30.8 24.7 37.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

