

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041540.D
 Acq On : 19 Aug 2024 8:59
 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 08/20/2024
 Supervised By : Mahesh Dadoda 08/20/2024

Quant Time: Aug 20 02:13:28 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Tue Aug 20 02:10:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	949994	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2559374	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2515938m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 1947516 10.059 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	884681	5.413	ppbv	99
3) Chlorodifluoromethane	2.693	51	1159695	10.254	ppbv	100
4) Chloromethane	2.832	50	629369	10.463	ppbv	99
5) Vinyl Chloride	2.938	62	619805	10.454	ppbv	99
6) Bromomethane	3.137	94	327691	10.754	ppbv	92
7) Chloroethane	3.214	64	229324	11.207	ppbv	97
8) Dichlorotetrafluoroethane	2.874	85	1383474	9.554	ppbv	100
9) Propene	2.713	41	521016	10.029	ppbv	98
10) Heptane	7.597	43	1321671	11.323	ppbv	99
11) Trichlorofluoromethane	3.581	101	1519219	10.467	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.082	101	1094070	10.468	ppbv	98
13) Ethanol	3.256	45	36044m	7.762	ppbv	
14) Bromoethene	3.385	108	440924	10.821	ppbv	99
15) Acetone	3.484	43	1130098	10.470	ppbv	100
16) 1,3-Butadiene	3.002	39	624120	10.822	ppbv	97
17) tert-Butyl alcohol	3.893	59	1096646	11.140	ppbv	100
18) 1,1-Dichloroethene	3.899	96	487068	10.895	ppbv	92
19) Isopropyl Alcohol	3.591	45	651343	10.322	ppbv #	96
20) Methylene Chloride	3.951	84	412911	10.258	ppbv	98
21) Allyl Chloride	4.012	41	770702	10.888	ppbv	100
22) trans-1,2-Dichloroethene	4.462	96	491446	10.994	ppbv	98
23) Vinyl Acetate	4.642	43	966046	11.719	ppbv #	98
24) 1,1-Dichloroethane	4.581	63	1045215	10.768	ppbv	99
25) Ethyl Acetate	5.221	43	2381732	11.107	ppbv	99
26) Hexane	5.230	57	979260	11.009	ppbv	99
27) Carbon Disulfide	4.144	76	1163109	11.177	ppbv	99
28) Methyl tert-Butyl Ether	4.603	73	587594	10.474	ppbv	100
29) Chloroform	5.295	83	1547234	10.664	ppbv	99
30) Cyclohexane	6.623	84	817710	11.288	ppbv	99
31) cis-1,2-Dichloroethene	5.095	61	948884	10.798	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1527033	10.812	ppbv	99
34) 2-Butanone	4.803	43	1405398	11.352	ppbv	99
35) Carbon Tetrachloride	6.513	117	1609727	11.403	ppbv	99
36) Benzene	6.391	78	2059410	11.012	ppbv	99
37) 1,2-Dichloroethane	5.825	62	1153588	11.021	ppbv	99
38) Trichloroethene	7.311	130	978782	11.424	ppbv	97
39) 1,2-Dichloropropane	7.095	63	811438	11.333	ppbv	97
40) 1,4-Dioxane	7.307	88	311632	10.835	ppbv	78
41) Tetrahydrofuran	5.574	42	831216	11.739	ppbv	98
42) Bromodichloromethane	7.269	83	1693152	11.203	ppbv	99
43) Methyl Methacrylate	7.494	69	821493	12.250	ppbv	97
44) 2,2,4-Trimethylpentane	7.343	57	3513799	11.249	ppbv	99
45) t-1,3-Dichloropropene	8.729	75	843236	13.661	ppbv	95

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

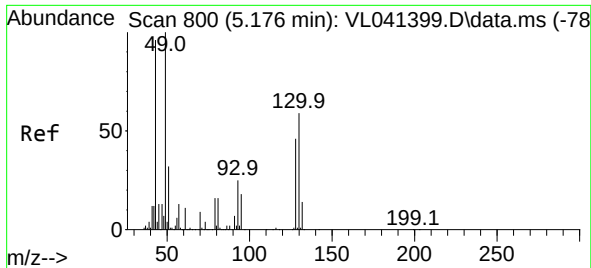
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Aug 20 02:10:04 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	1113175	12.489	ppbv	97
47) 1,1,2-Trichloroethane	8.918	97	874878	11.085	ppbv	96
48) Dibromochloromethane	9.732	129	1471389	11.573	ppbv	100
49) Bromoform	12.429	173	1290363	12.015	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	2348083	12.021	ppbv	100
51) 2-Hexanone	9.571	43	1889904	12.796	ppbv #	98
52) Tetrachloroethene	10.635	164	785134	10.865	ppbv	98
53) Toluene	9.240	91	2434932	11.689	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1279830	12.183	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.529	131	1082376	11.093	ppbv #	57
57) Chlorobenzene	11.545	112	1917343	10.704	ppbv	99
58) Ethyl Benzene	12.111	91	3295215	11.363	ppbv	100
59) m/p-Xylene	12.394	91	5677231m	22.679	ppbv	
60) o-Xylene	13.079	91	2717555	11.476	ppbv	100
61) Styrene	12.918	104	1314555	12.305	ppbv	99
62) Isopropylbenzene	14.050	105	3944805	10.958	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.069	83	1675653	11.206	ppbv	99
64) n-propylbenzene	14.937	120	1056999	11.231	ppbv	95
65) tert-Butylbenzene	16.111	119	3568987	10.976	ppbv	100
66) Benzyl Chloride	16.346	91	294537	14.122	ppbv	98
67) sec-Butylbenzene	16.658	105	5012445	11.189	ppbv	99
69) p-Isopropyltoluene	17.018	119	4225410	11.366	ppbv	100
70) n-Butylbenzene	17.908	91	4335585	11.376	ppbv	100
71) 2-Chlorotoluene	14.822	91	2983953	11.240	ppbv	99
72) 4-Ethyltoluene	15.214	105	3230798	11.588	ppbv	98
73) 1,3,5-Trimethylbenzene	15.371	105	2794784	11.636	ppbv	98
74) 1,2,4-Trimethylbenzene	16.127	105	3136247	11.232	ppbv	97
75) 1,3-Dichlorobenzene	16.355	146	1953807	11.131	ppbv	100
76) 1,4-Dichlorobenzene	16.494	146	1933808	11.378	ppbv	98
77) 1,2-Dichlorobenzene	17.162	146	1900542	10.922	ppbv	100
78) Hexachloro-1,3-Butadiene	22.657	225	1416463	9.546	ppbv	99
79) Naphthalene	21.410	128	3145958	12.765	ppbv	99
80) Naphthalene,2-methyl-	24.390	142	2696816	13.054	ppbv	100
81) 1,2,4-Trichlorobenzene	21.162	180	1663658	11.343	ppbv	99

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



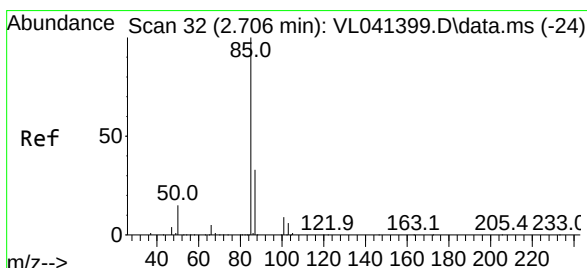
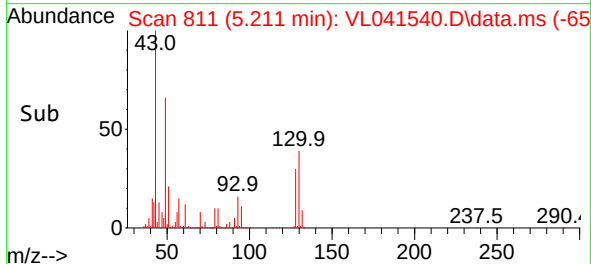
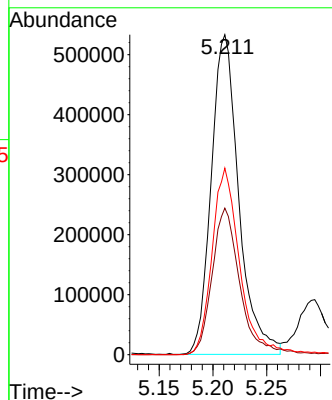
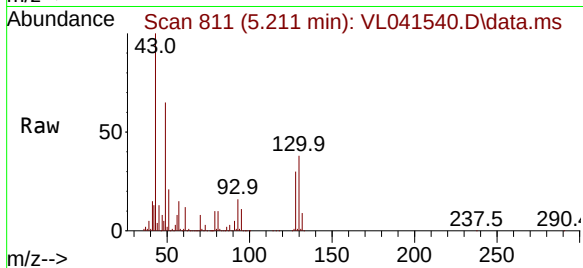
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 949994
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.4
130 59.8 30.8 92.4

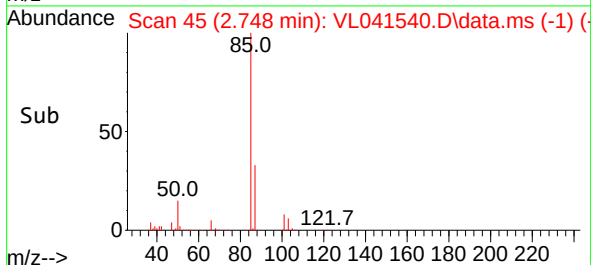
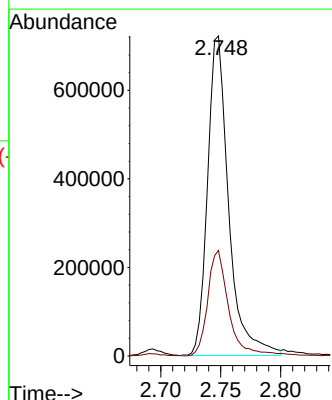
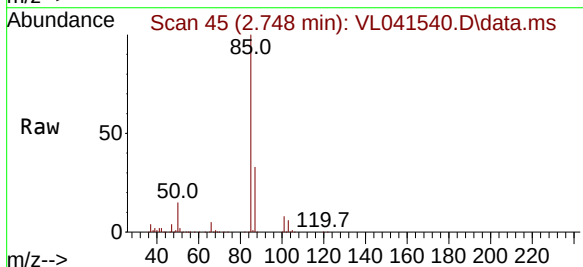
Manual Integrations
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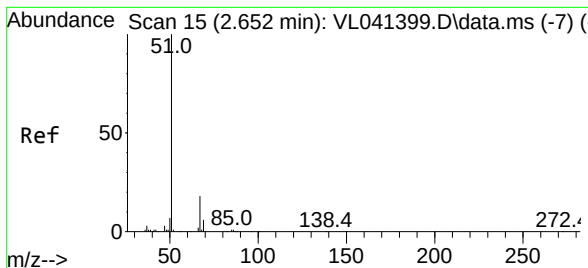
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#2
Dichlorodifluoromethane
Concen: 5.413 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

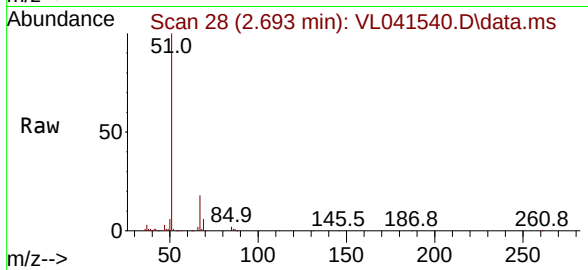
Tgt Ion: 85 Resp: 884681
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0





#3
Chlorodifluoromethane
Concen: 10.254 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

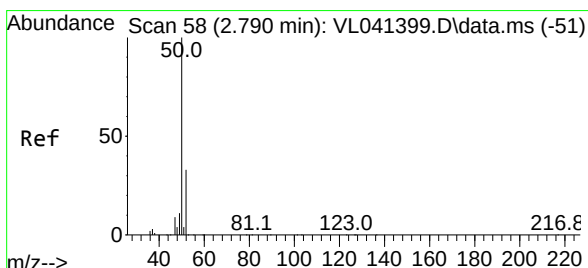
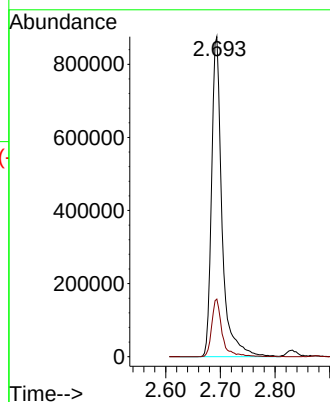
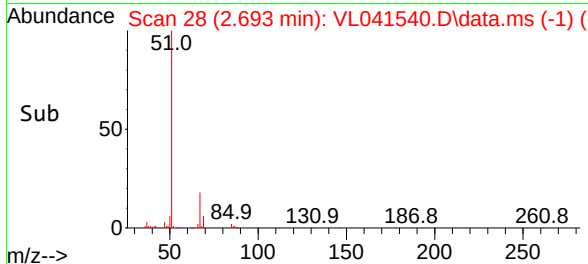
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 115969
Ion Ratio Lower Upper
51 100
67 18.0 14.5 21.7

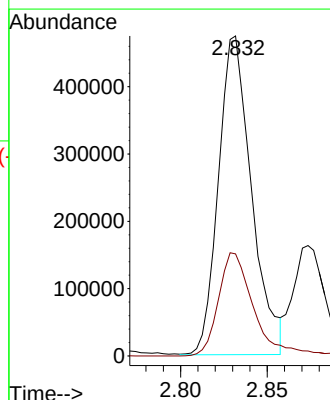
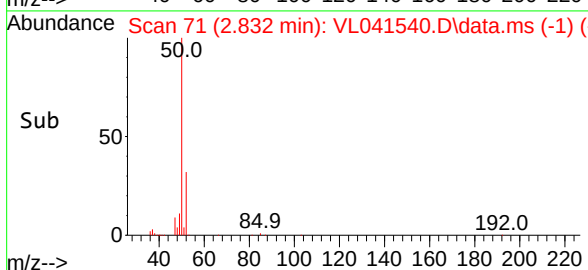
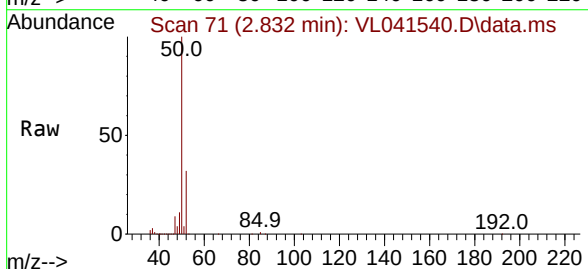
Manual Integrations
APPROVED

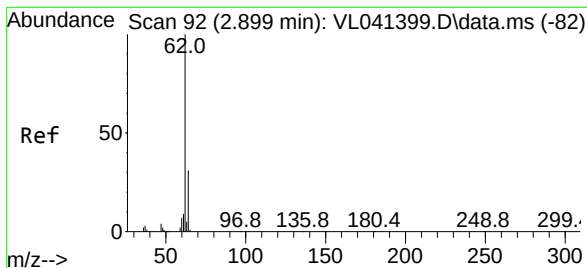
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#4
Chloromethane
Concen: 10.463 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

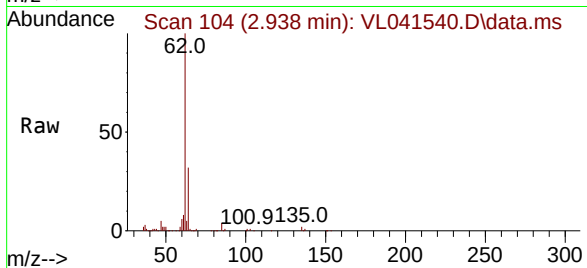
Tgt Ion: 50 Resp: 629369
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1





#5
 Vinyl Chloride
 Concen: 10.454 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59

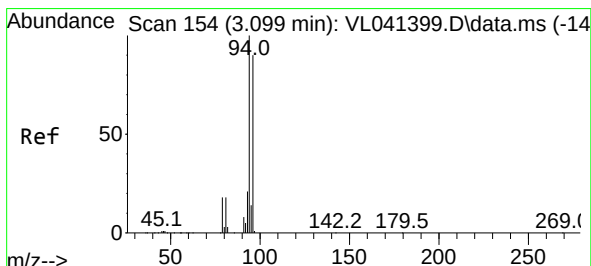
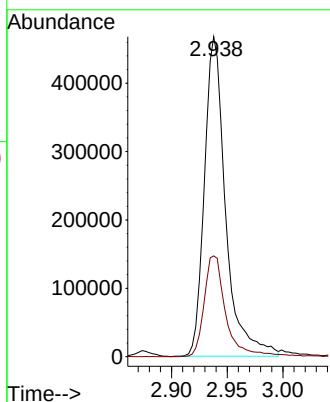
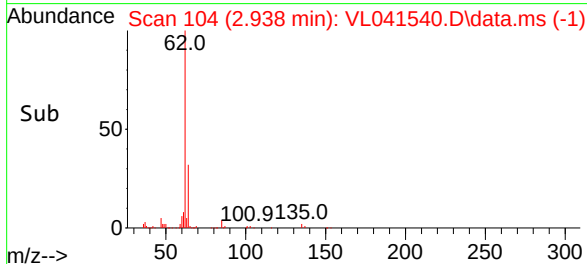
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



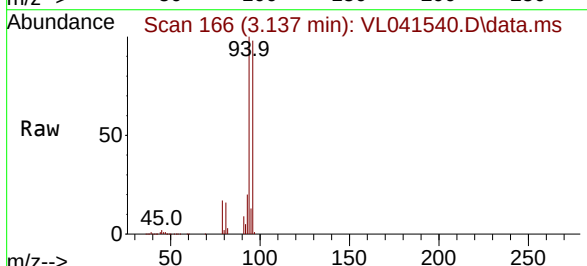
Tgt Ion: 62 Resp: 61980
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.0 37.4

Manual Integrations
 APPROVED

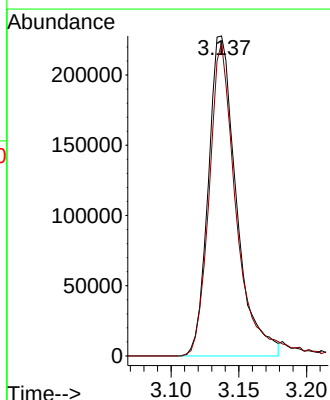
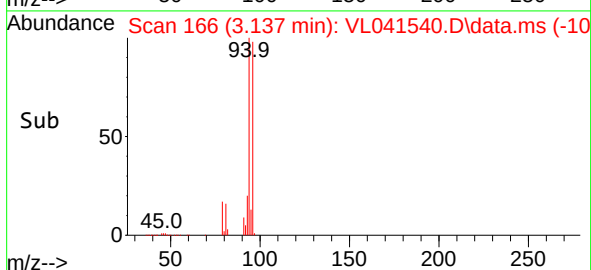
Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

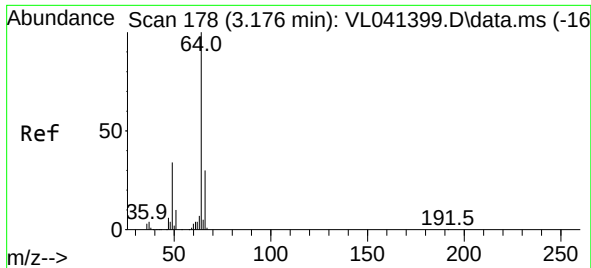


#6
 Bromomethane
 Concen: 10.754 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59



Tgt Ion: 94 Resp: 327691
 Ion Ratio Lower Upper
 94 100
 96 97.8 72.3 108.5





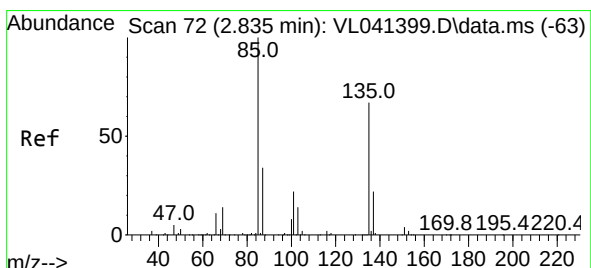
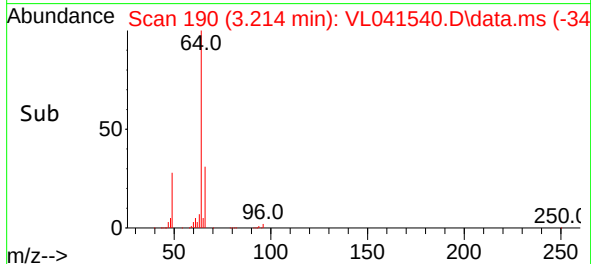
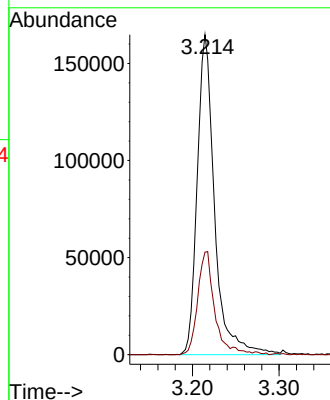
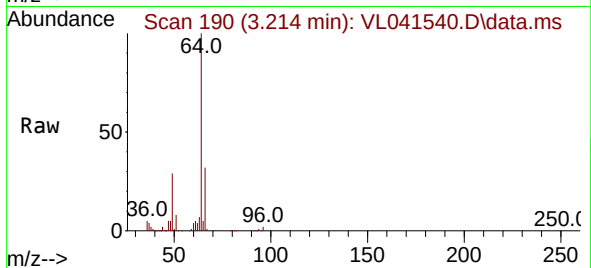
#7
Chloroethane
Concen: 11.207 ppbv
RT: 3.214 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 229324
Ion Ratio Lower Upper
64 100
66 32.1 24.2 36.2

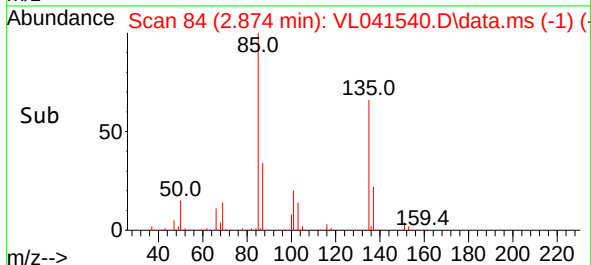
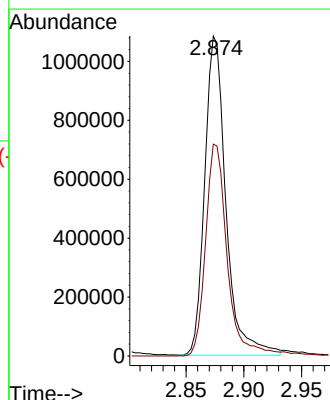
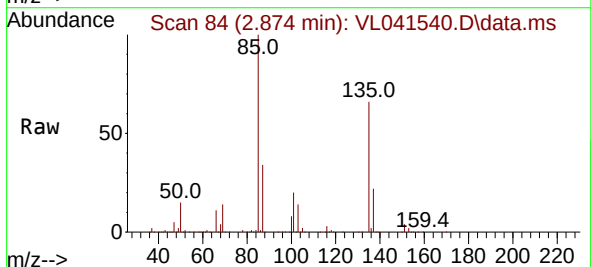
Manual Integrations
APPROVED

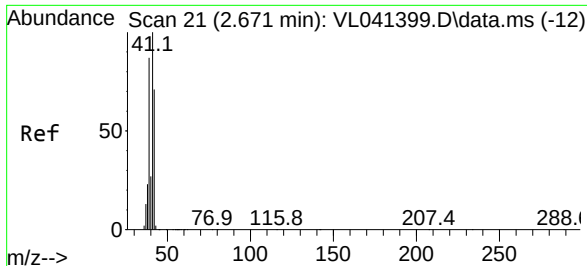
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#8
Dichlorotetrafluoroethane
Concen: 9.554 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

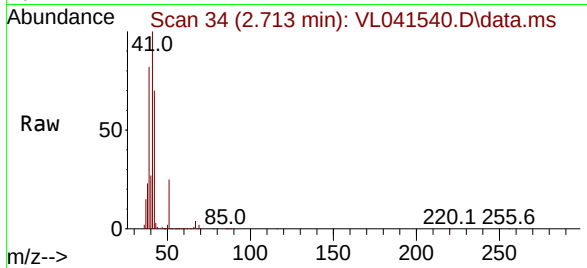
Tgt Ion: 85 Resp: 1383474
Ion Ratio Lower Upper
85 100
135 68.8 55.4 83.0





#9
Propene
Concen: 10.029 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

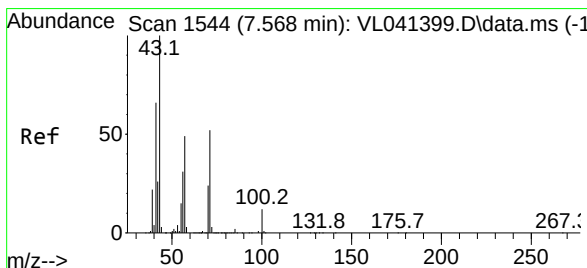
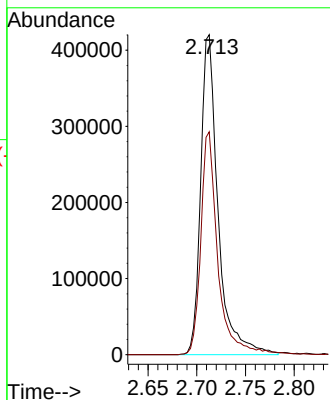
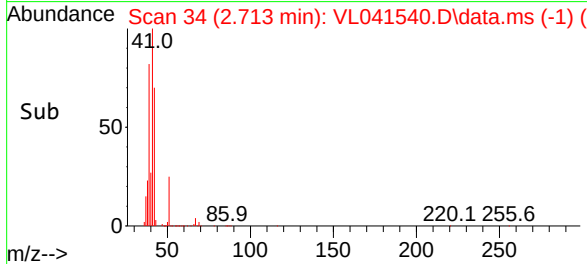
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



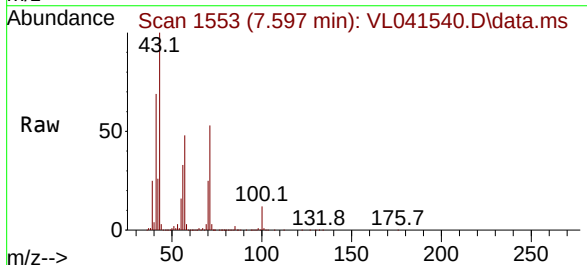
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Ion Ratio Lower Upper
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42 68.6 55.9 83.9

Manual Integrations
APPROVED

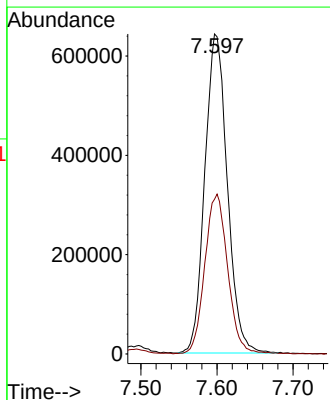
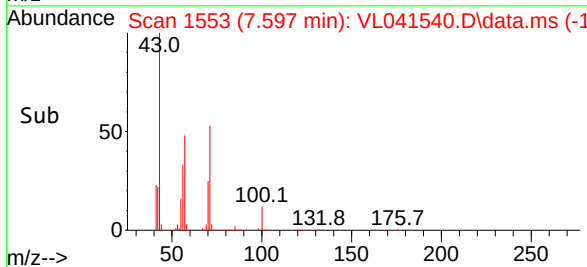
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

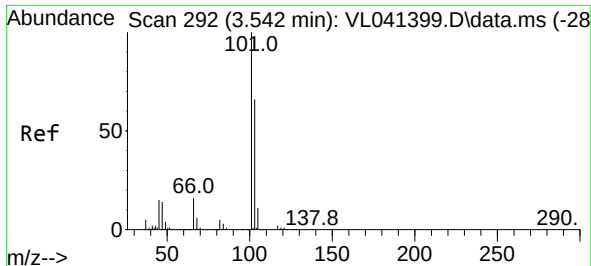


#10
Heptane
Concen: 11.323 ppbv
RT: 7.597 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59



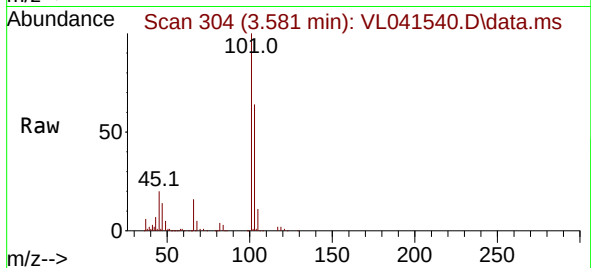
Tgt Ion: 43 Resp: 1321671
Ion Ratio Lower Upper
43 100
57 51.1 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 10.467 ppbv
 RT: 3.581 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59

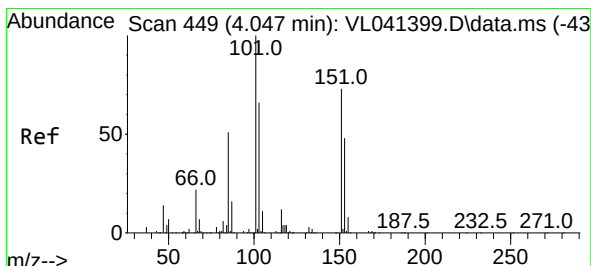
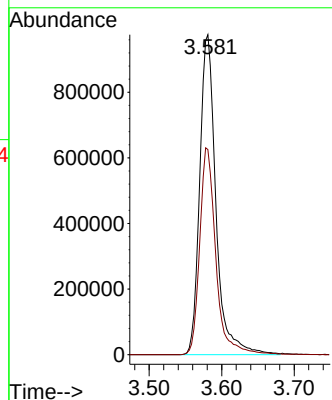
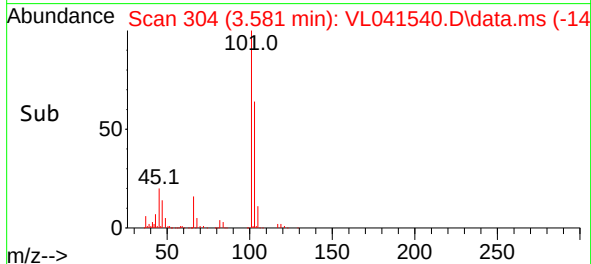
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



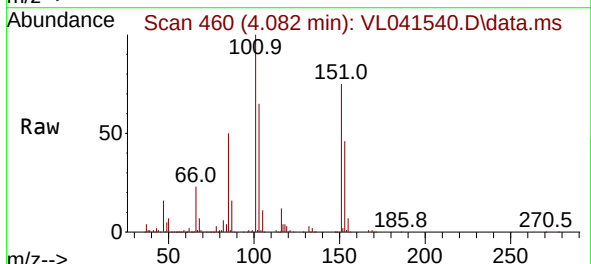
Tgt Ion:101 Resp: 1519219
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.6 79.0

Manual Integrations
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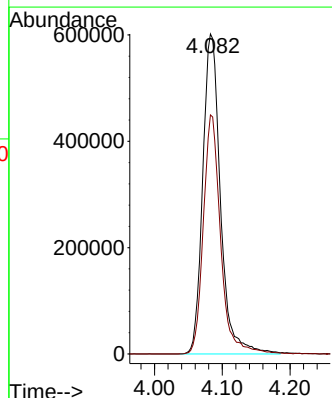
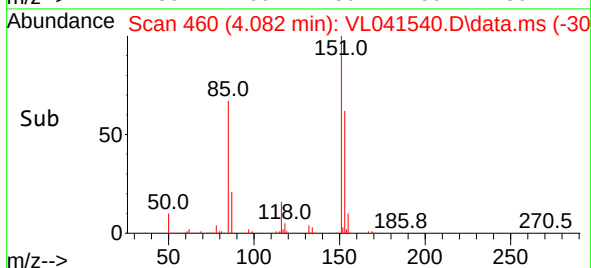
Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

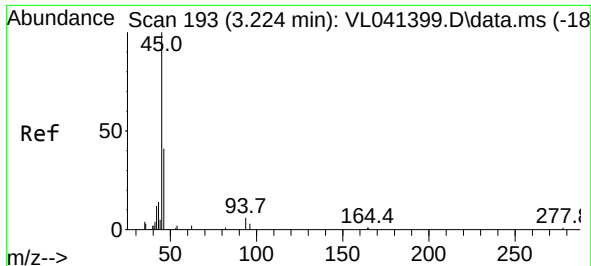


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.468 ppbv
 RT: 4.082 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59



Tgt Ion:101 Resp: 1094070
 Ion Ratio Lower Upper
 101 100
 151 73.0 59.4 89.2





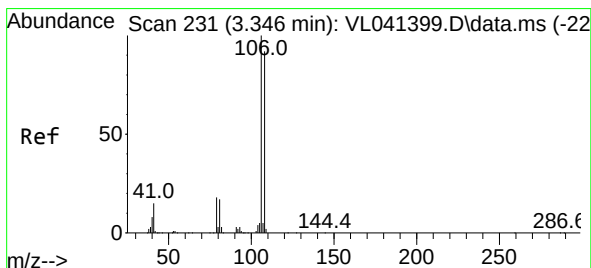
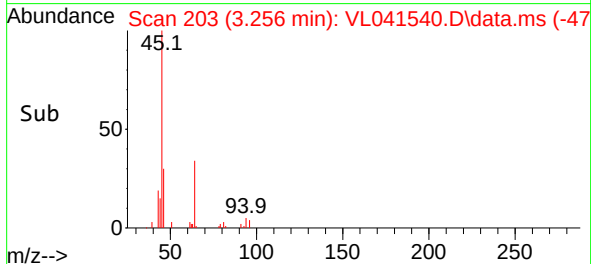
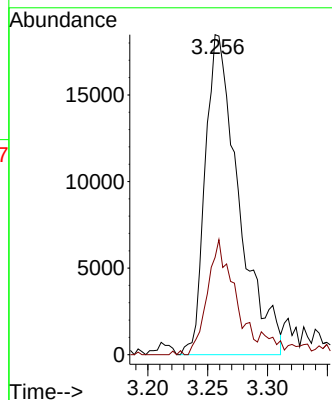
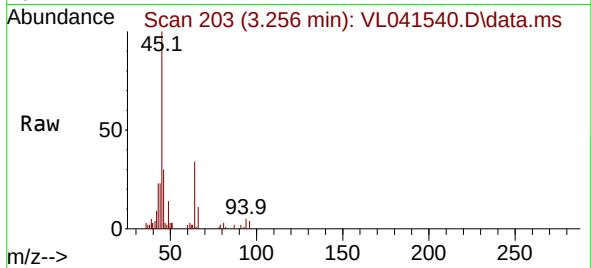
#13
Ethanol
Concen: 7.762 ppbv m
RT: 3.256 min Scan# 203
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 3604
Ion Ratio Lower Upper
45 100
46 35.8 13.4 53.4

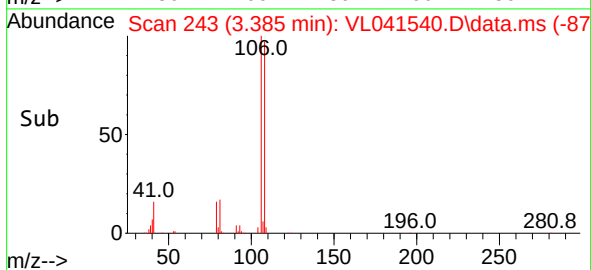
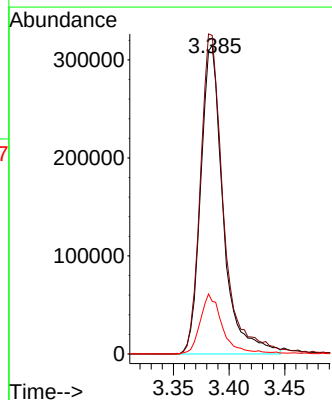
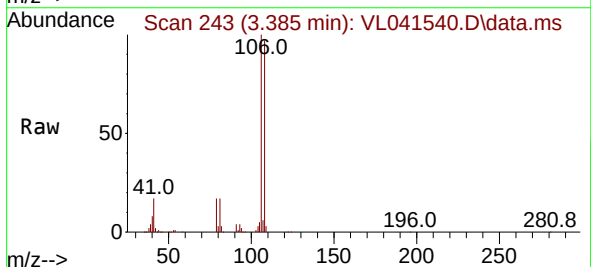
Manual Integrations
APPROVED

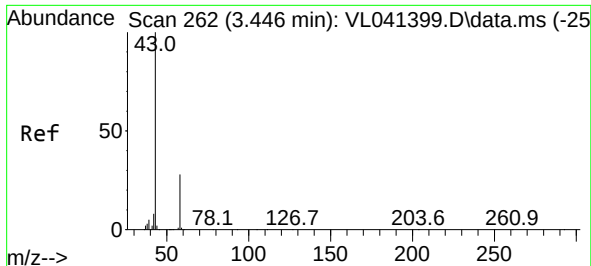
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#14
Bromoethene
Concen: 10.821 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

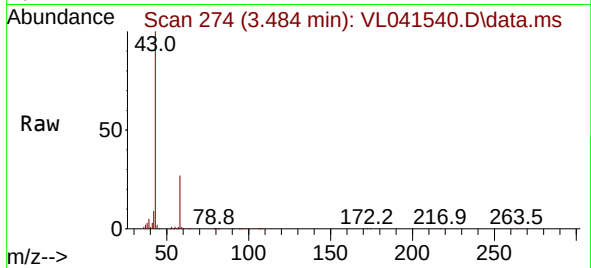
Tgt Ion:108 Resp: 440924
Ion Ratio Lower Upper
108 100
106 108.0 86.9 130.3
79 19.7 16.2 24.4





#15
Acetone
Concen: 10.470 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

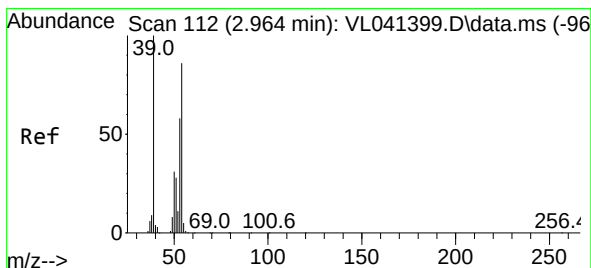
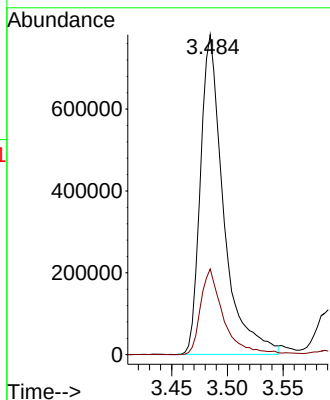
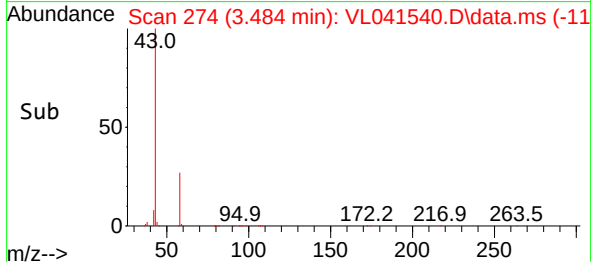
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



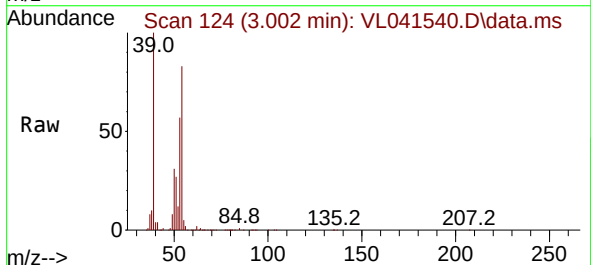
Tgt Ion: 43 Resp: 1130098
Ion Ratio Lower Upper
43 100
58 26.8 21.4 32.2

Manual Integrations
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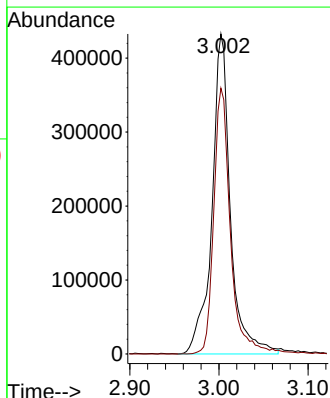
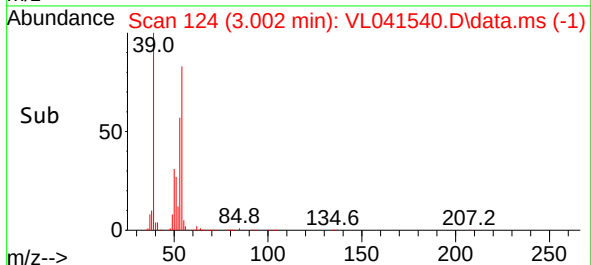
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

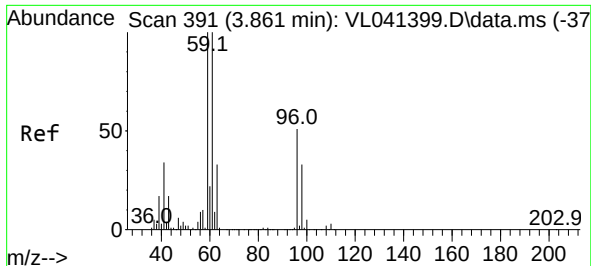


#16
1,3-Butadiene
Concen: 10.822 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59



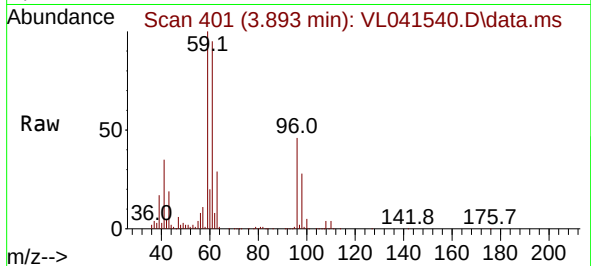
Tgt Ion: 39 Resp: 624120
Ion Ratio Lower Upper
39 100
54 75.6 62.5 93.7





#17
tert-Butyl alcohol
Concen: 11.140 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

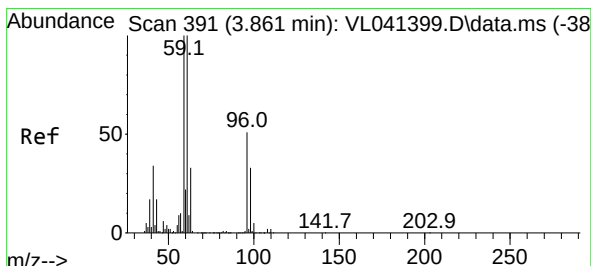
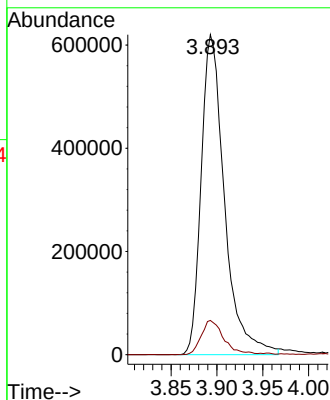
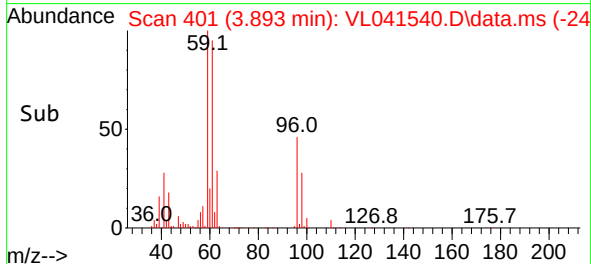
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



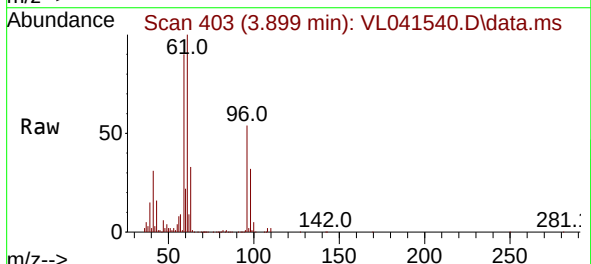
Tgt Ion: 59 Resp: 1096640
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

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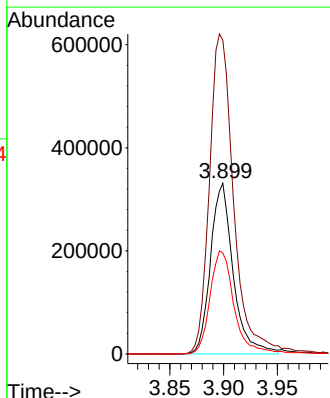
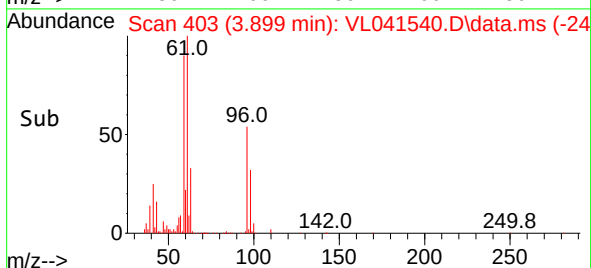
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

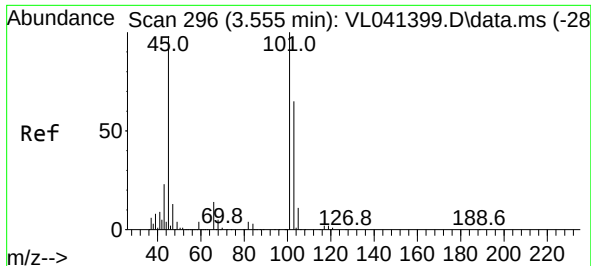


#18
1,1-Dichloroethene
Concen: 10.895 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59



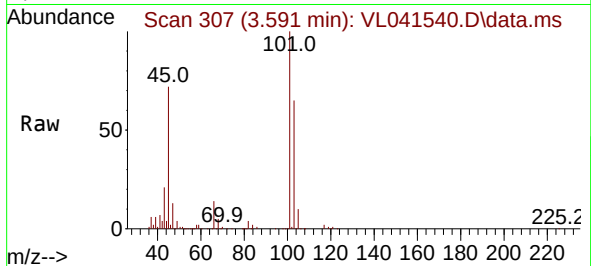
Tgt Ion: 96 Resp: 487068
Ion Ratio Lower Upper
96 100
61 184.0 157.5 236.3
98 59.1 51.2 76.8





#19
Isopropyl Alcohol
Concen: 10.322 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

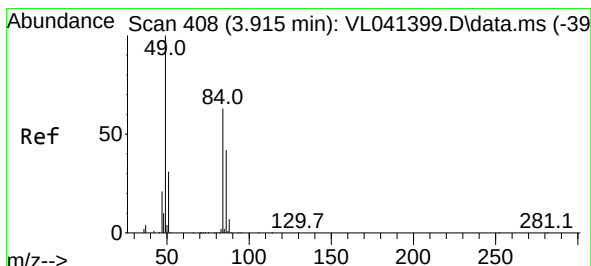
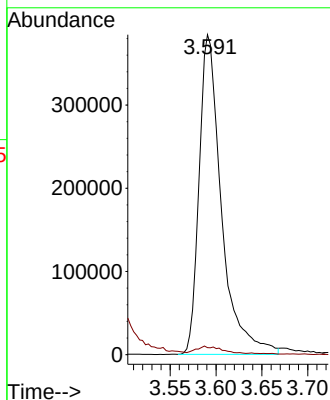
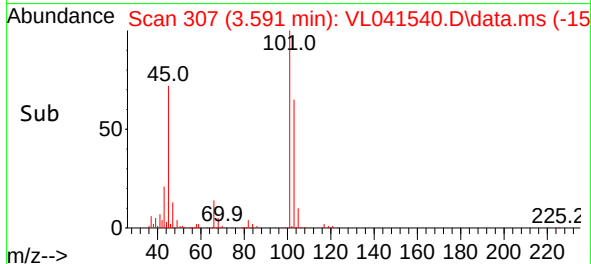
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



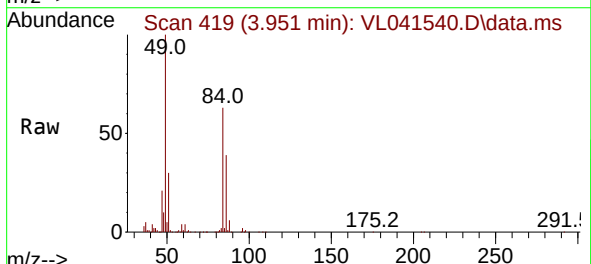
Tgt Ion: 45 Resp: 65134
Ion Ratio Lower Upper
45 100
58 3.9 1.9 2.9

Manual Integrations
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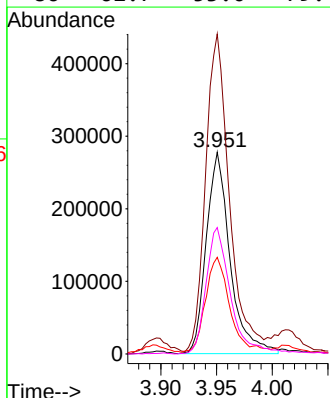
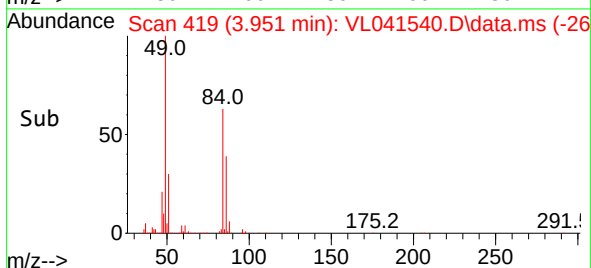
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

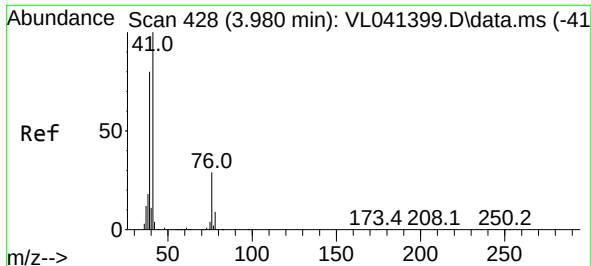


#20
Methylene Chloride
Concen: 10.258 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59



Tgt Ion: 84 Resp: 412911
Ion Ratio Lower Upper
84 100
49 156.3 126.6 190.0
51 46.7 38.6 58.0
86 62.7 53.0 79.4





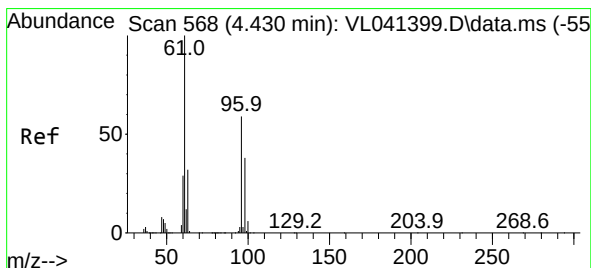
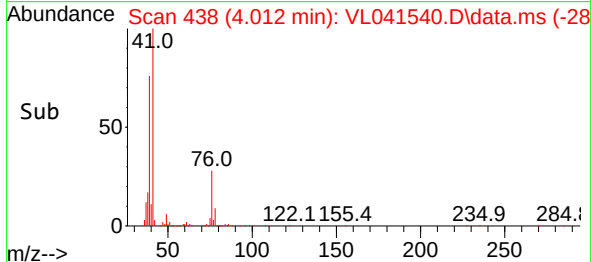
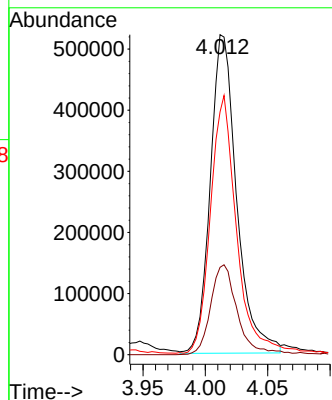
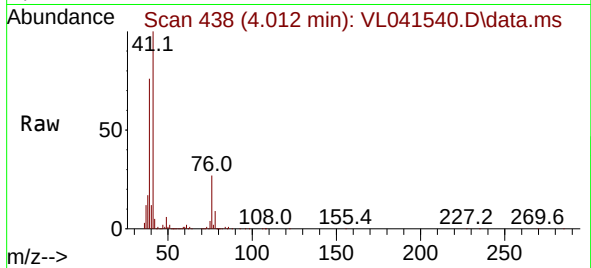
#21
 Allyl Chloride
 Concen: 10.888 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 77070
 Ion Ratio Lower Upper
 41 100
 76 28.9 23.7 35.5
 39 80.4 64.3 96.5

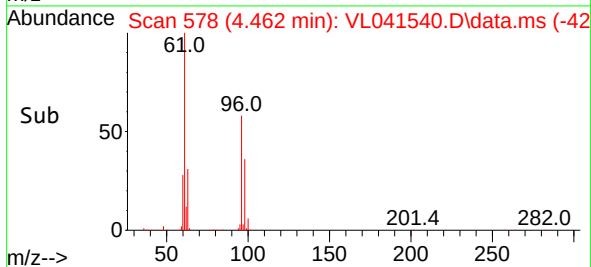
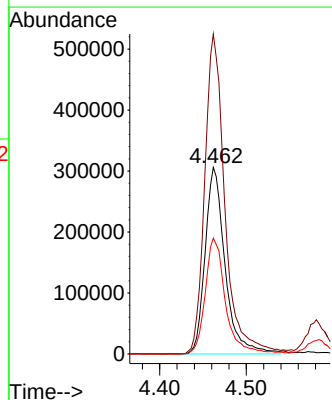
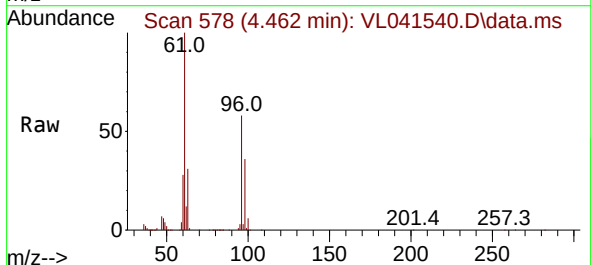
Manual Integrations
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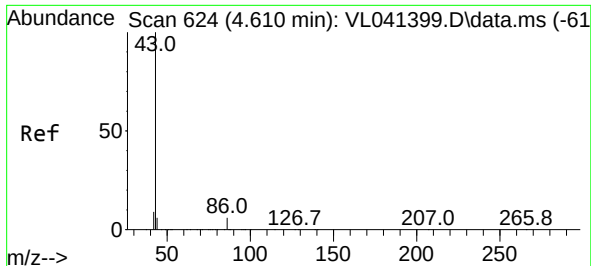
Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.994 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59

Tgt Ion: 96 Resp: 491446
 Ion Ratio Lower Upper
 96 100
 61 171.5 135.4 203.2
 98 62.1 51.0 76.4





#23
 Vinyl Acetate
 Concen: 11.719 ppbv
 RT: 4.642 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

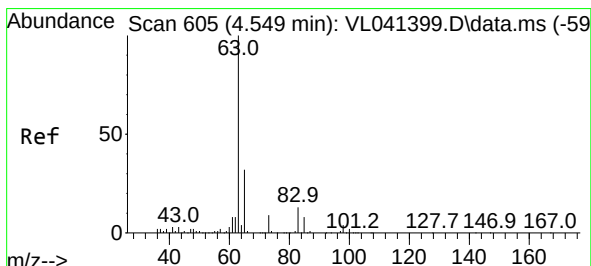
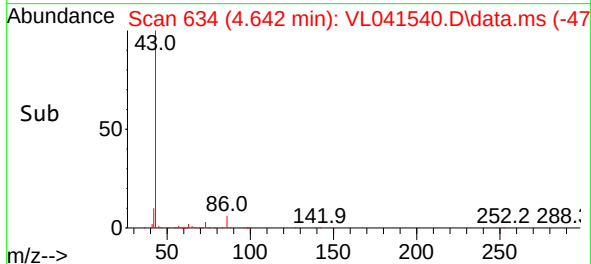
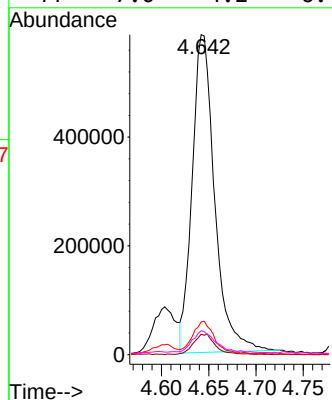
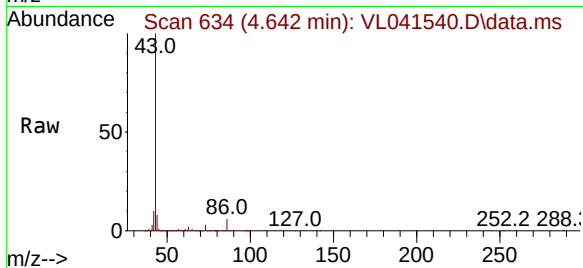
VSTDCCC010

Tgt Ion: 43 Resp: 966040
 Ion Ratio Lower Upper
 43 100
 86 6.3 4.6 6.8
 42 10.0 7.9 11.9
 44 7.0 4.2 6.4#

Manual Integrations

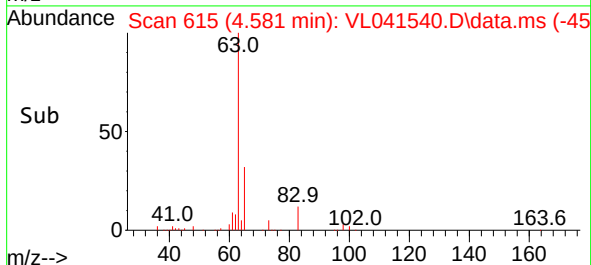
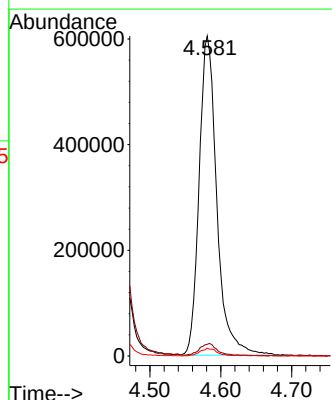
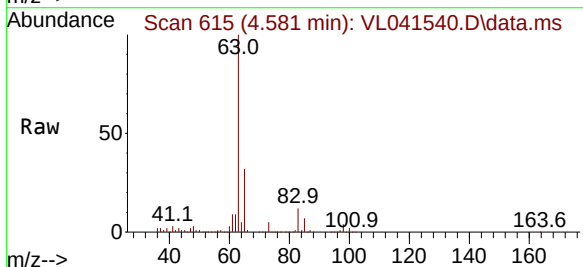
APPROVED

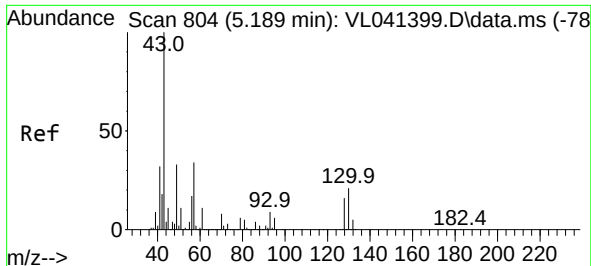
Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024



#24
 1,1-Dichloroethane
 Concen: 10.768 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59

Tgt Ion: 63 Resp: 1045215
 Ion Ratio Lower Upper
 63 100
 98 3.5 2.0 6.0
 100 2.5 1.2 3.6





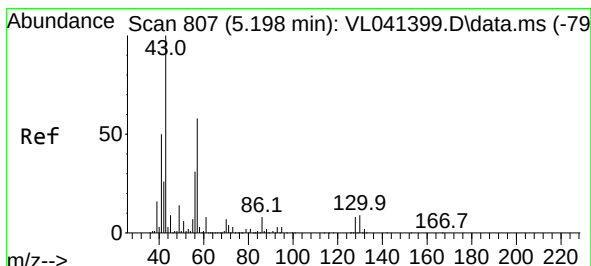
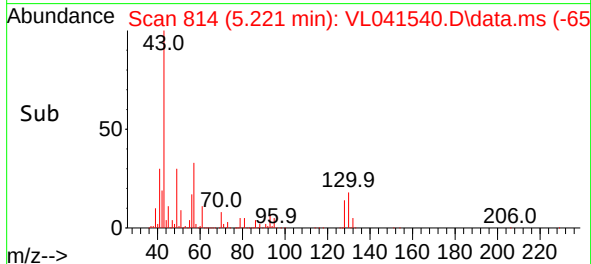
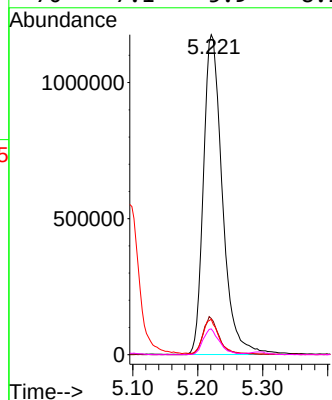
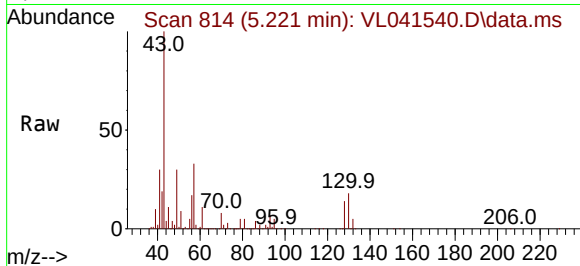
#25
Ethyl Acetate
Concen: 11.107 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 238173
Ion Ratio Lower Upper
43 100
45 10.3 8.5 12.7
61 10.0 8.0 12.0
70 7.1 5.9 8.9

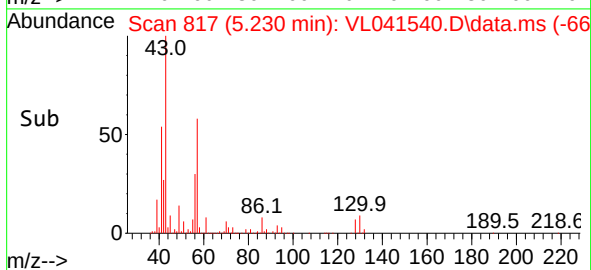
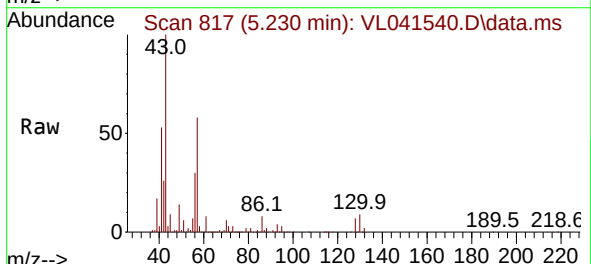
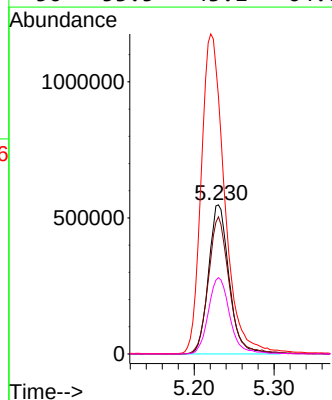
Manual Integrations
APPROVED

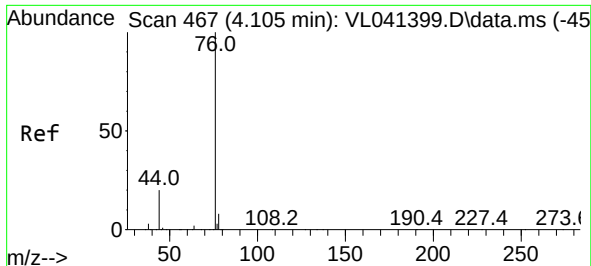
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#26
Hexane
Concen: 11.009 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

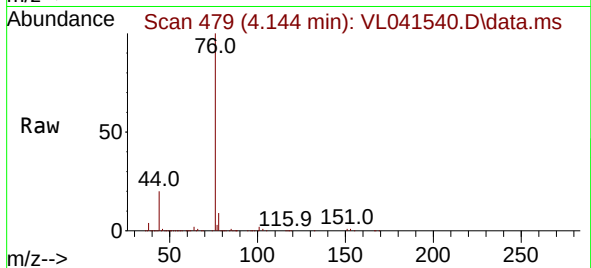
Tgt Ion: 57 Resp: 979260
Ion Ratio Lower Upper
57 100
41 94.9 74.0 111.0
43 244.1 193.6 290.4
56 53.5 43.1 64.7





#27
Carbon Disulfide
Concen: 11.177 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

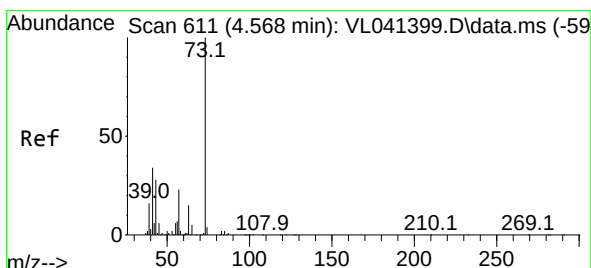
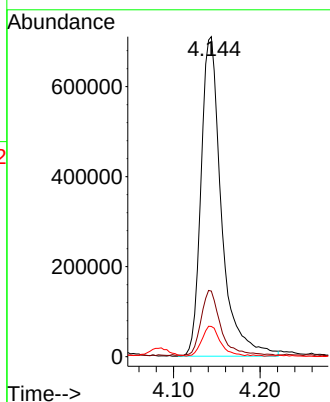
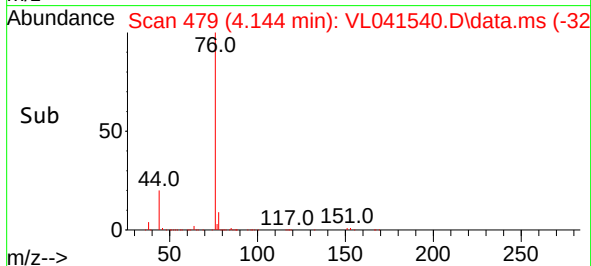
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



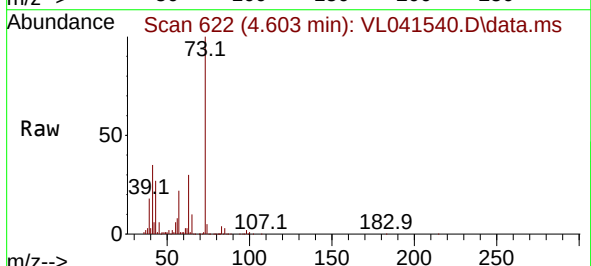
Tgt Ion: 76 Resp: 1163109
Ion Ratio Lower Upper
76 100
44 19.9 15.6 23.4
78 9.2 7.7 11.5

Manual Integrations
APPROVED

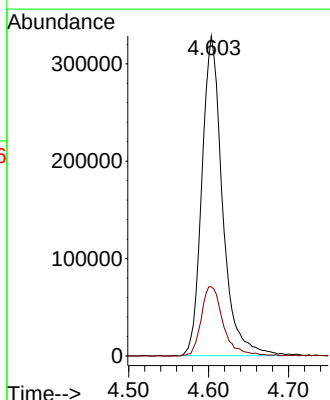
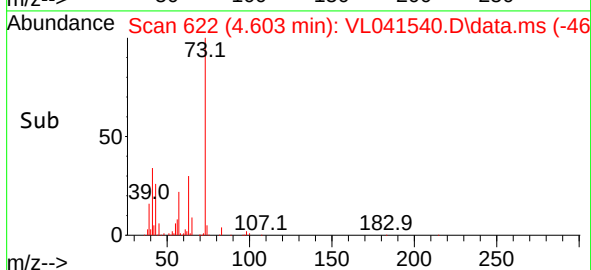
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

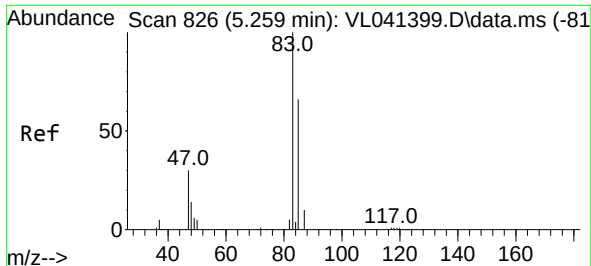


#28
Methyl tert-Butyl Ether
Concen: 10.474 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59



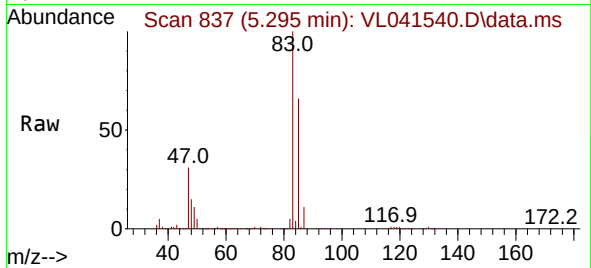
Tgt Ion: 73 Resp: 587594
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3





#29
Chloroform
Concen: 10.664 ppbv
RT: 5.295 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

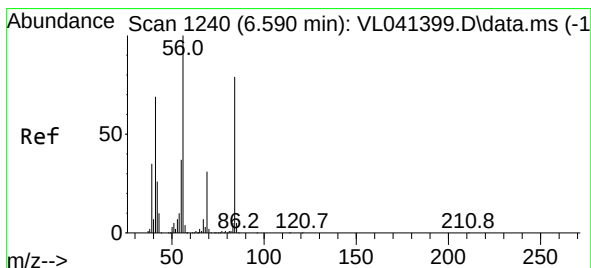
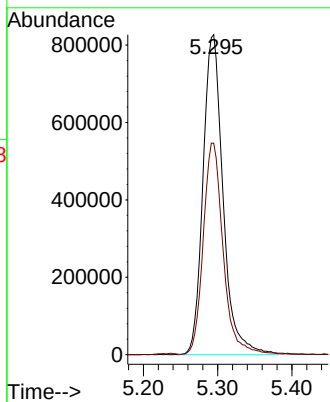
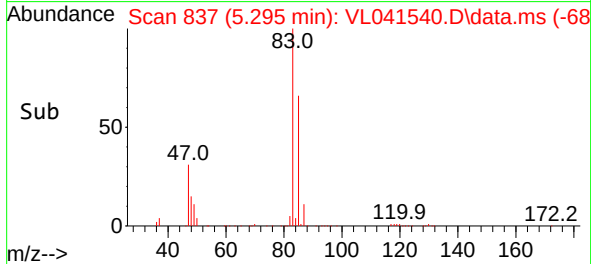
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1547234
Ion Ratio Lower Upper
83 100
85 66.0 53.1 79.7

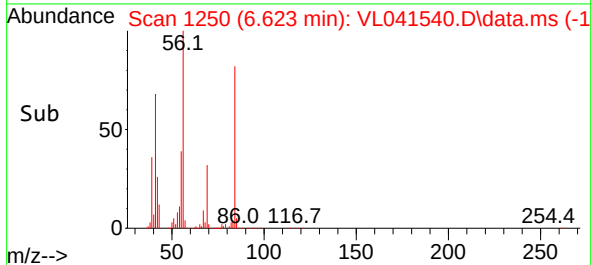
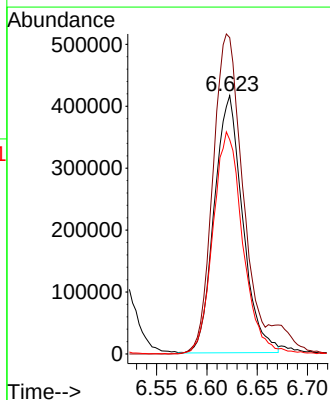
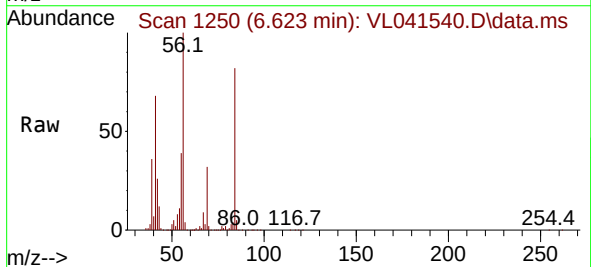
Manual Integrations
APPROVED

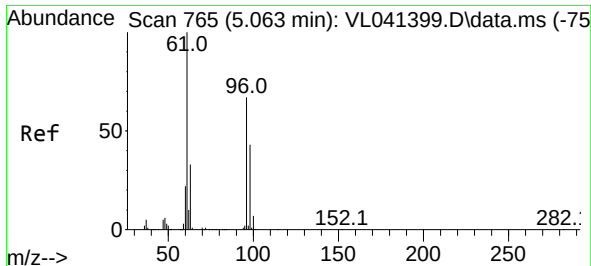
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#30
Cyclohexane
Concen: 11.288 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

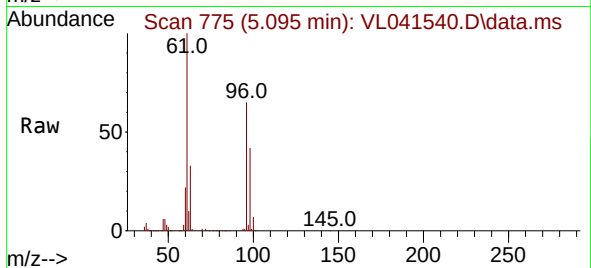
Tgt Ion: 84 Resp: 817710
Ion Ratio Lower Upper
84 100
56 139.3 111.2 166.8
41 90.8 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.798 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59

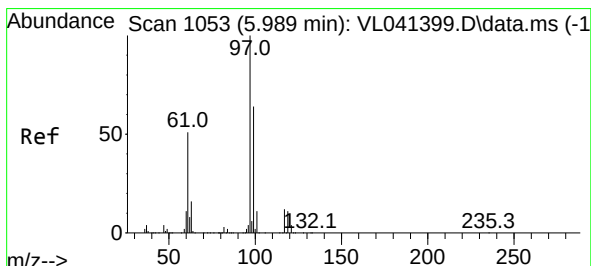
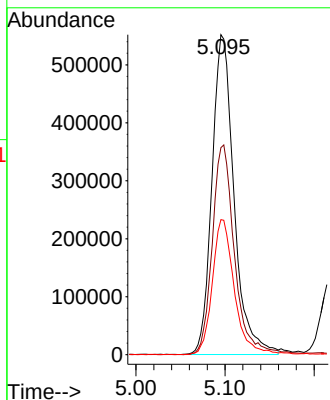
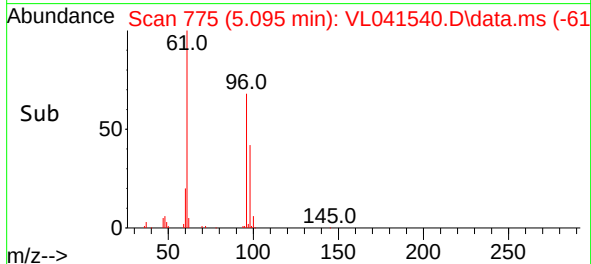
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



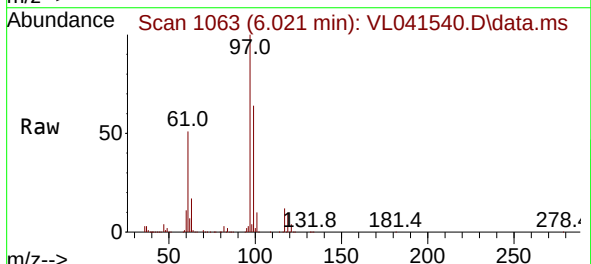
Tgt Ion: 61 Resp: 948884
 Ion Ratio Lower Upper
 61 100
 96 64.7 53.4 80.2
 98 42.2 34.4 51.6

Manual Integrations
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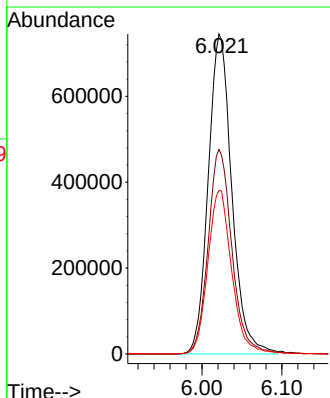
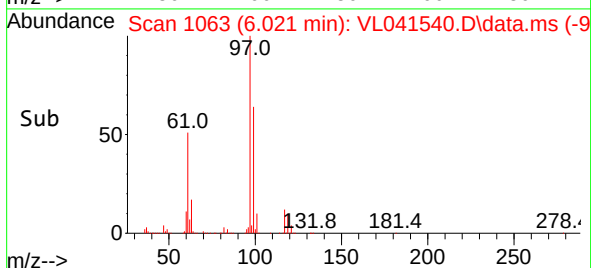
Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

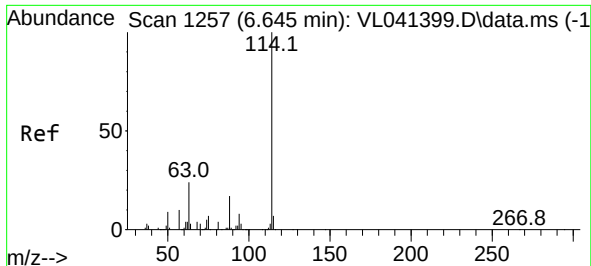


#32
 1,1,1-Trichloroethane
 Concen: 10.812 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59



Tgt Ion: 97 Resp: 1527033
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.0 78.0
 61 51.9 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2559374

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

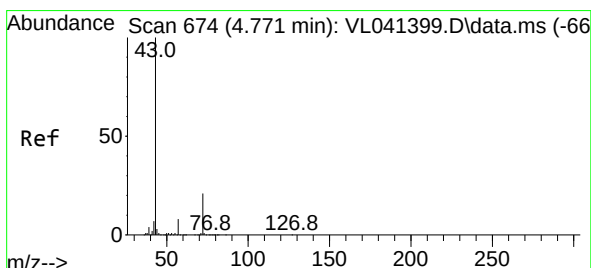
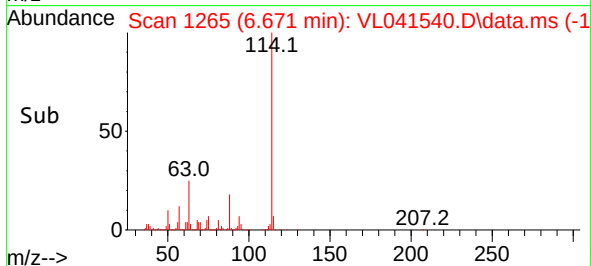
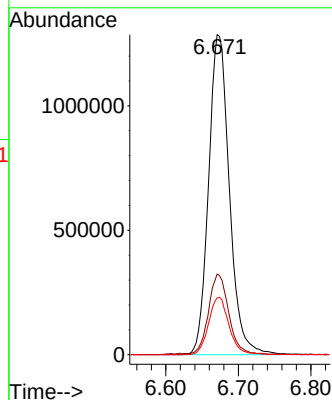
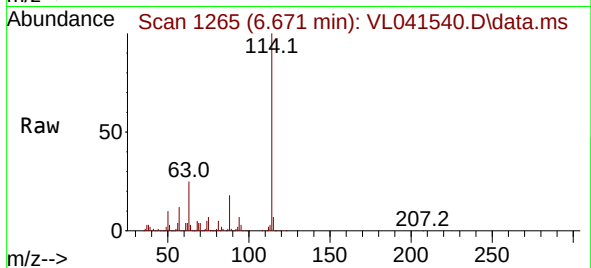
88 17.6 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#34

2-Butanone

Concen: 11.352 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.000 min

Lab File: VL041540.D

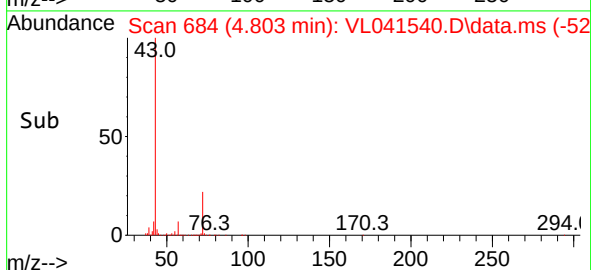
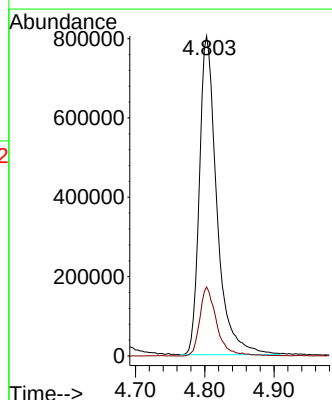
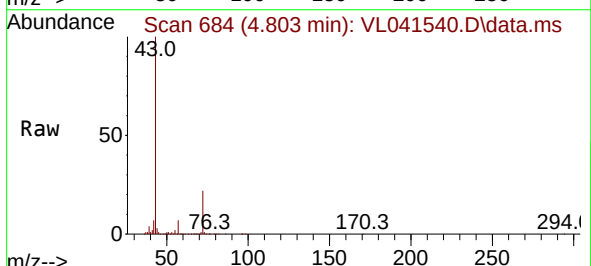
Acq: 19 Aug 2024 8:59

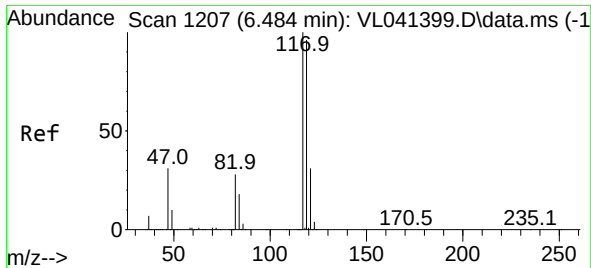
Tgt Ion: 43 Resp: 1405398

Ion Ratio Lower Upper

43 100

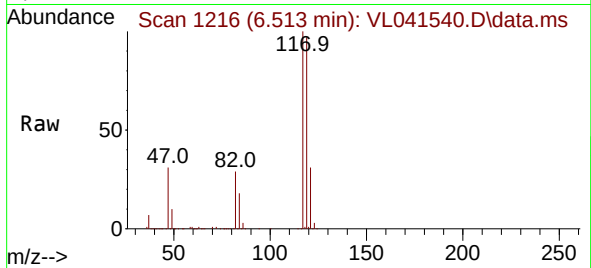
72 21.0 17.3 25.9





#35
Carbon Tetrachloride
Concen: 11.403 ppbv
RT: 6.513 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

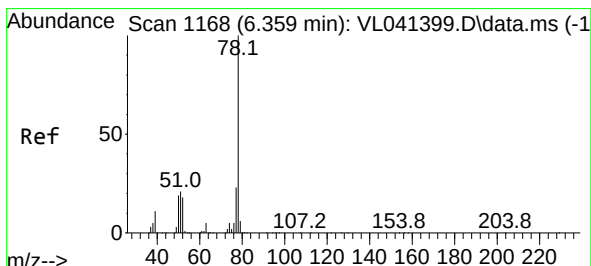
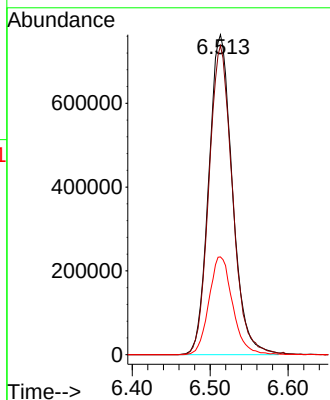
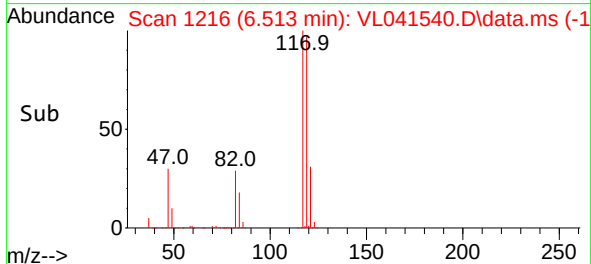
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 160972
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0
121 30.6 25.1 37.7

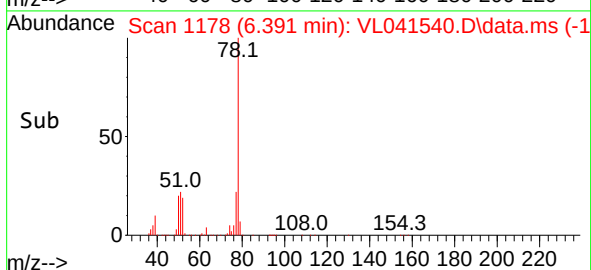
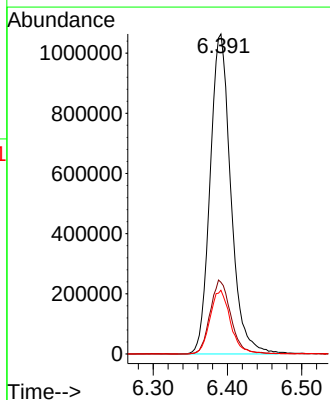
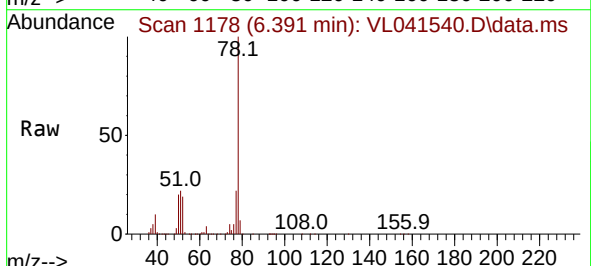
Manual Integrations
APPROVED

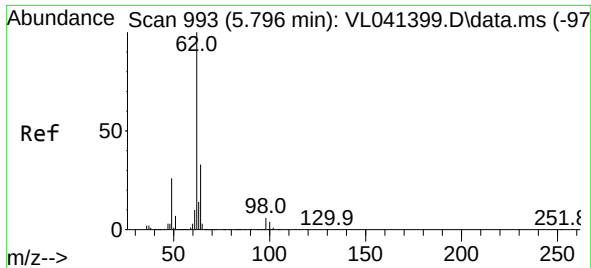
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#36
Benzene
Concen: 11.012 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Tgt Ion: 78 Resp: 2059410
Ion Ratio Lower Upper
78 100
77 22.4 18.1 27.1
50 19.9 15.5 23.3





#37

1,2-Dichloroethane

Concen: 11.021 ppbv

RT: 5.825 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 115358

Ion Ratio Lower Upper

62 100

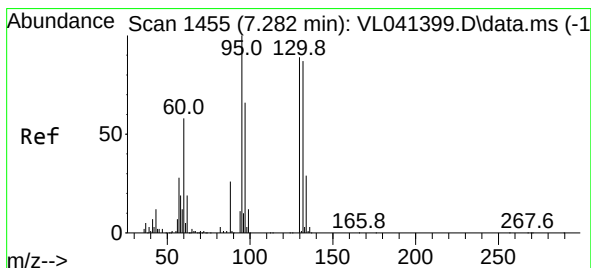
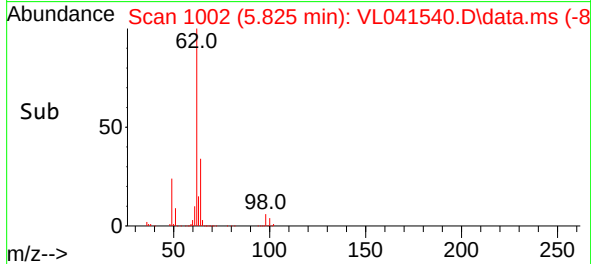
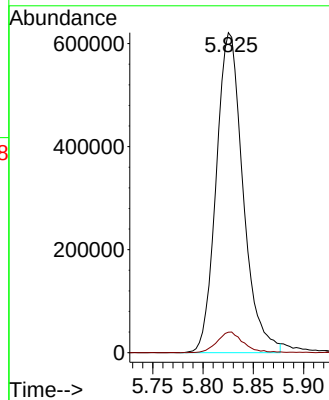
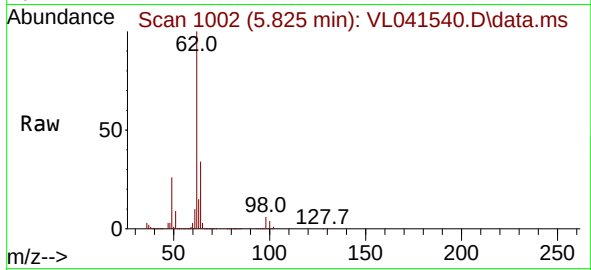
98 6.5 5.0 7.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#38

Trichloroethene

Concen: 11.424 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Tgt Ion:130 Resp: 978782

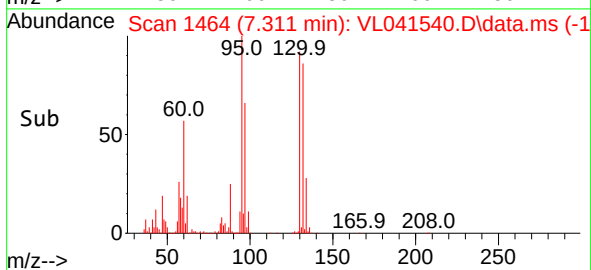
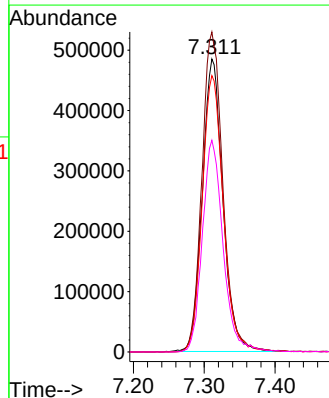
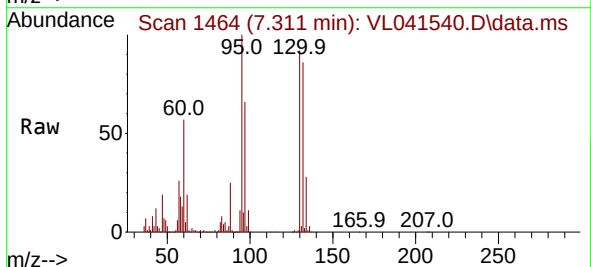
Ion Ratio Lower Upper

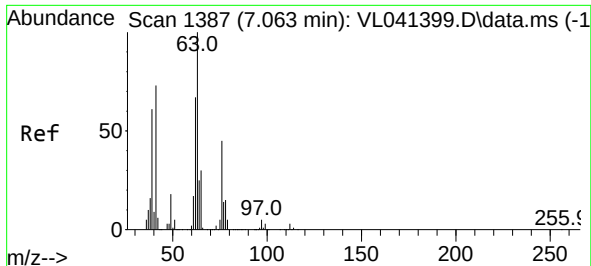
130 100

95 109.3 90.2 135.2

132 94.3 78.1 117.1

97 72.2 59.7 89.5





#39

1,2-Dichloropropane

Concen: 11.333 ppbv

RT: 7.095 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

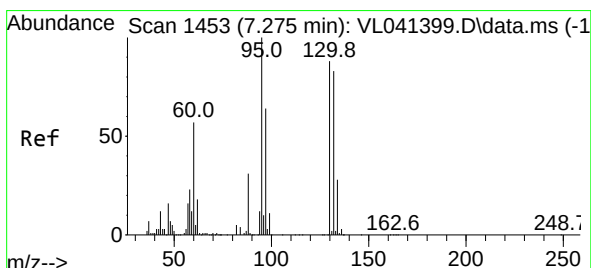
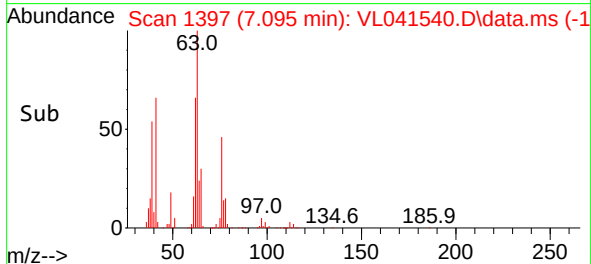
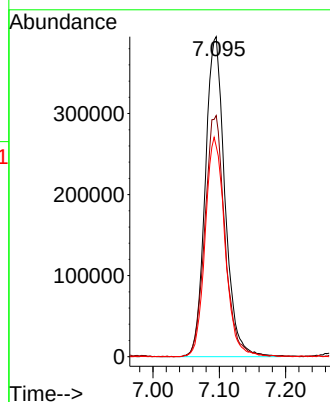
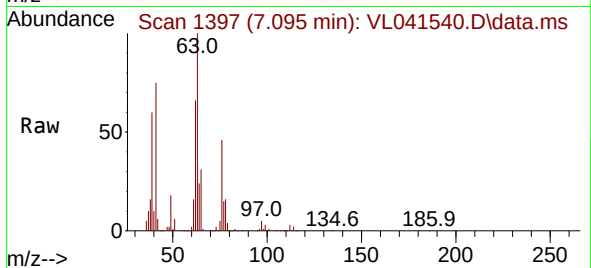
Tgt Ion: 63 Resp: 811438

Ion	Ratio	Lower	Upper
63	100		
41	75.3	58.3	87.5
62	65.7	53.9	80.9

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Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#40

1,4-Dioxane

Concen: 10.835 ppbv

RT: 7.307 min Scan# 1463

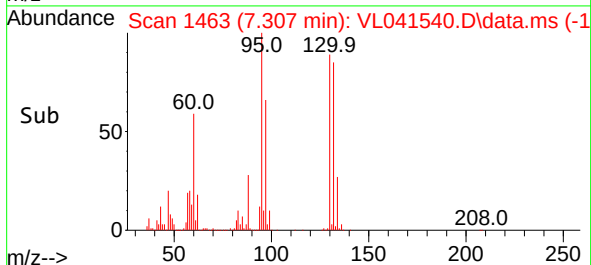
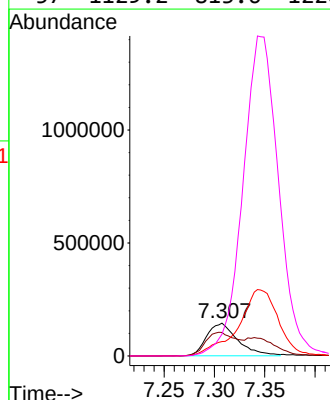
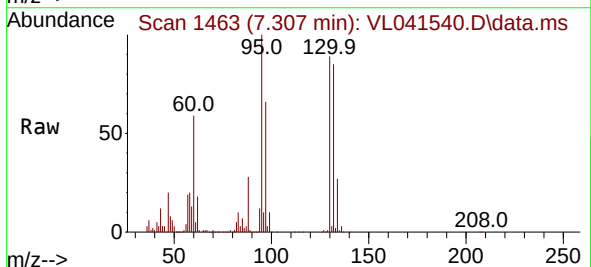
Delta R.T. 0.000 min

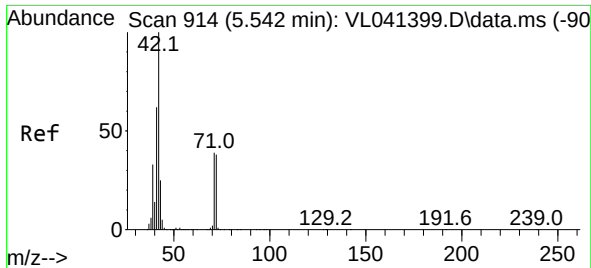
Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Tgt Ion: 88 Resp: 311632

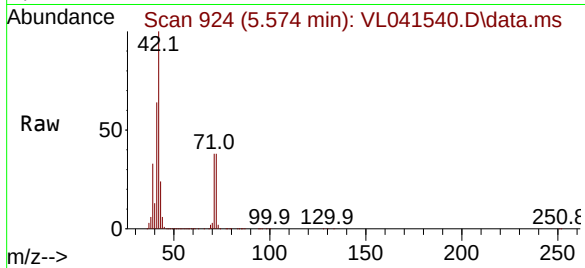
Ion	Ratio	Lower	Upper
88	100		
58	127.5	95.8	143.6
43	263.9	188.2	282.2
57	1129.2	813.6	1220.4





#41
Tetrahydrofuran
Concen: 11.739 ppbv
RT: 5.574 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

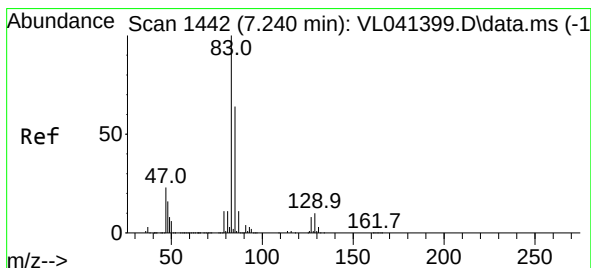
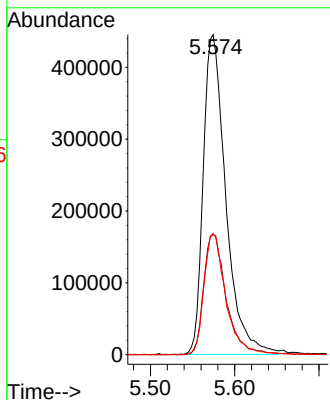
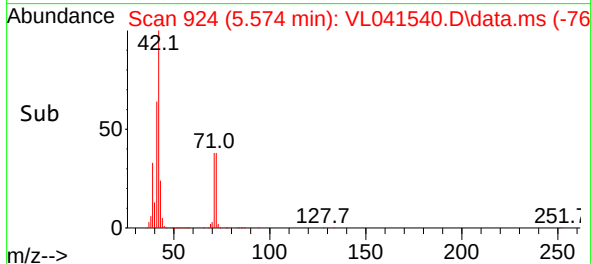
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



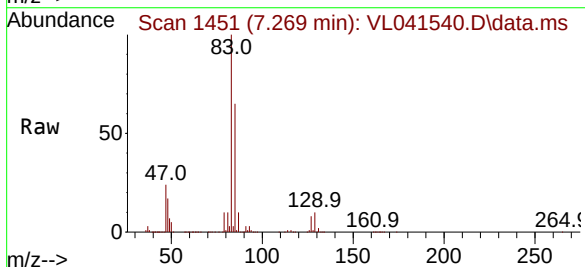
Tgt Ion: 42 Resp: 831210
Ion Ratio Lower Upper
42 100
72 37.7 31.2 46.8
71 36.7 30.5 45.7

Manual Integrations
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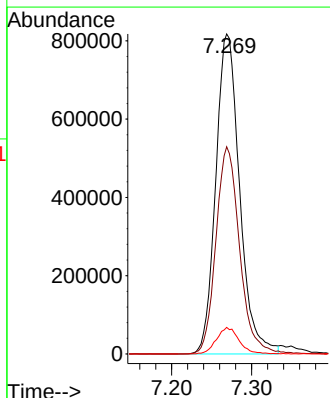
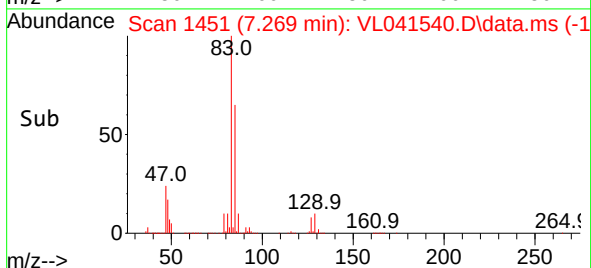
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

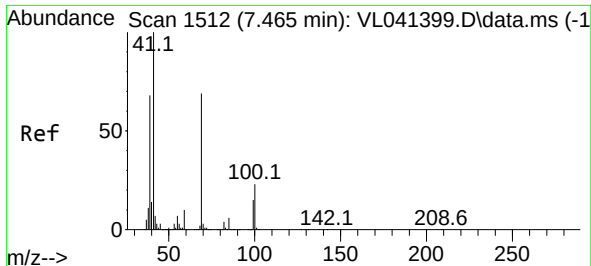


#42
Bromodichloromethane
Concen: 11.203 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59



Tgt Ion: 83 Resp: 1693152
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0
127 8.3 6.7 10.1





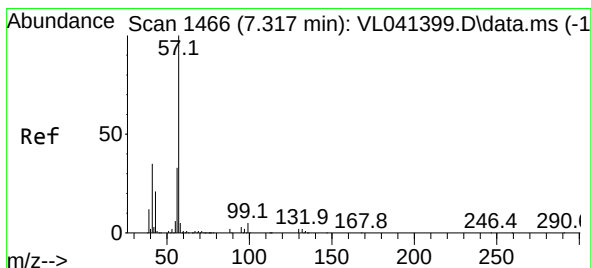
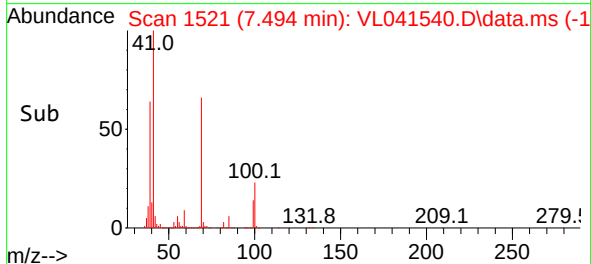
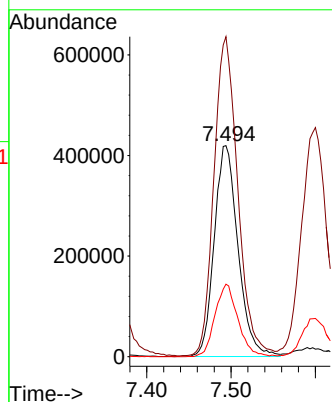
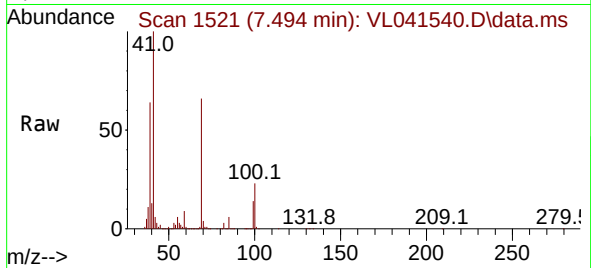
#43
Methyl Methacrylate
Concen: 12.250 ppbv
RT: 7.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 82149
Ion Ratio Lower Upper
69 100
41 152.3 118.7 178.1
100 33.3 27.0 40.4

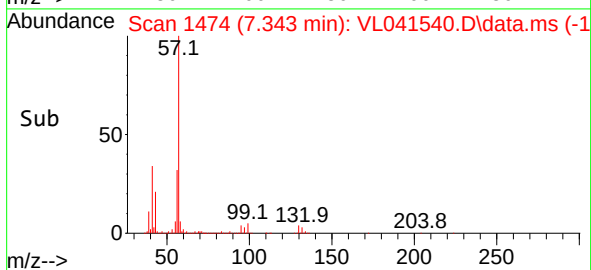
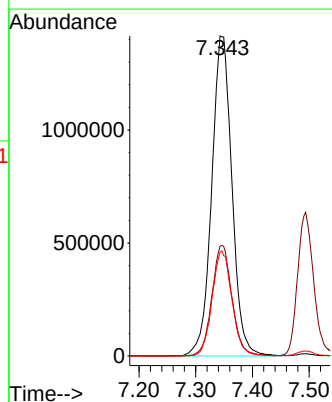
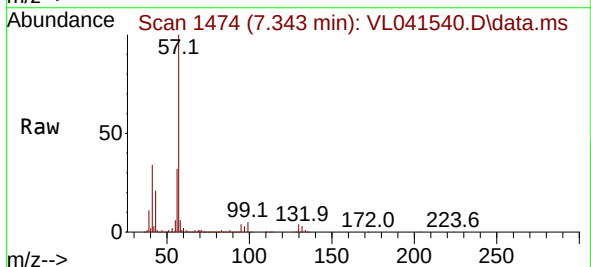
Manual Integrations
APPROVED

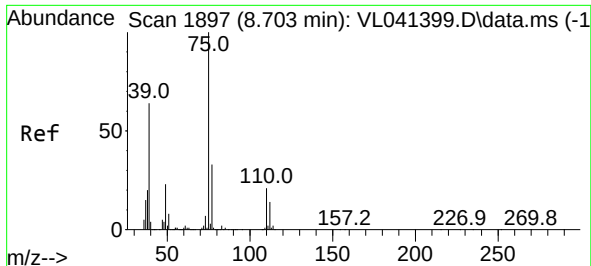
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#44
2,2,4-Trimethylpentane
Concen: 11.249 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Tgt Ion: 57 Resp: 3513799
Ion Ratio Lower Upper
57 100
41 34.3 27.0 40.6
56 32.2 25.2 37.8





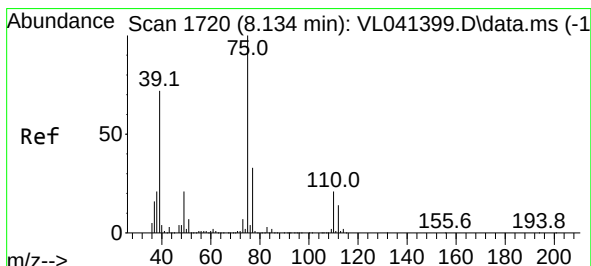
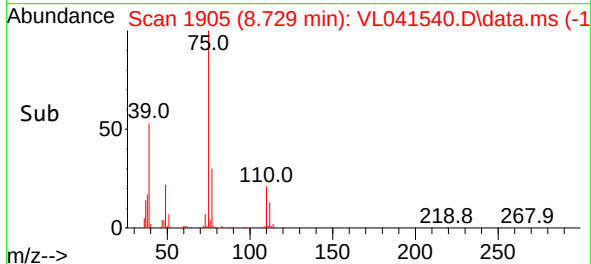
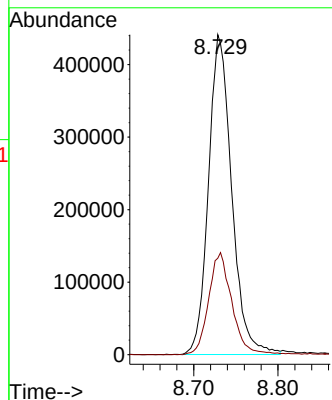
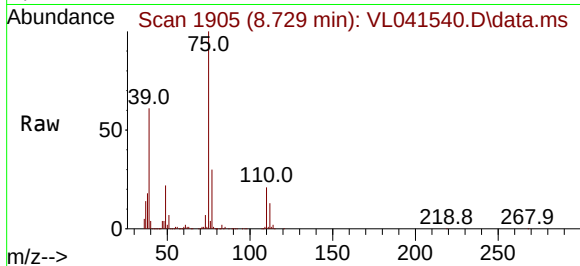
#45
t-1,3-Dichloropropene
Concen: 13.661 ppbv
RT: 8.729 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 843230
Ion Ratio Lower Upper
75 100
77 30.2 26.5 39.7

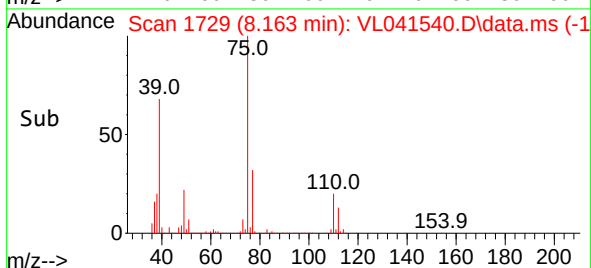
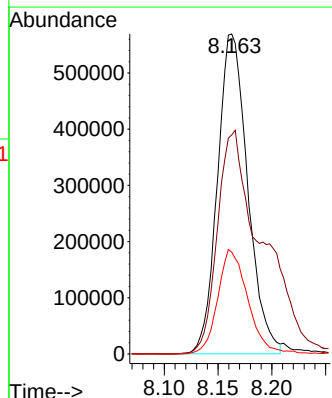
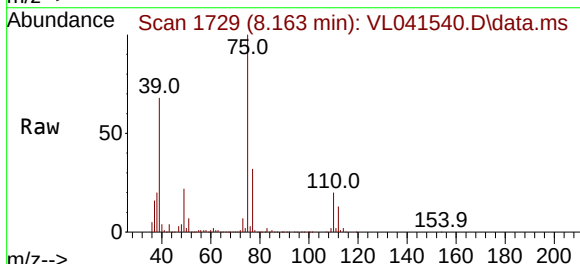
Manual Integrations
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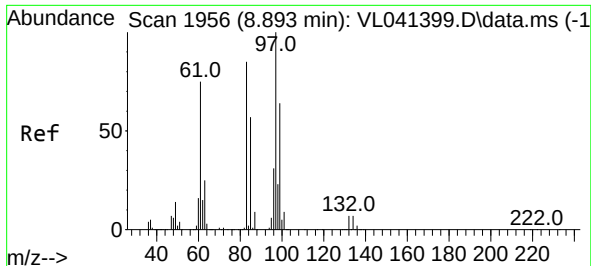
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#46
cis-1,3-Dichloropropene
Concen: 12.489 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Tgt Ion: 75 Resp: 1113175
Ion Ratio Lower Upper
75 100
39 68.4 57.3 85.9
77 31.8 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 11.085 ppbv

RT: 8.918 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 874878

Ion Ratio Lower Upper

97 100

83 90.2 67.6 101.4

85 58.0 45.9 68.9

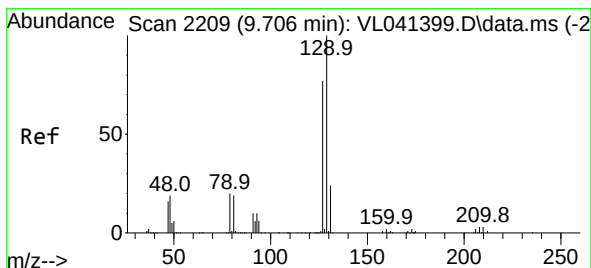
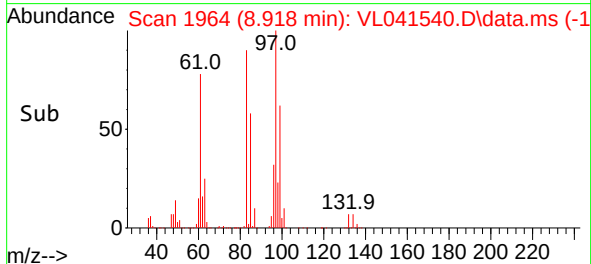
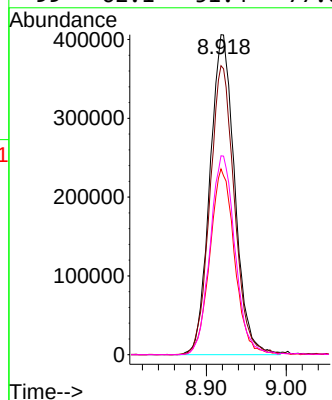
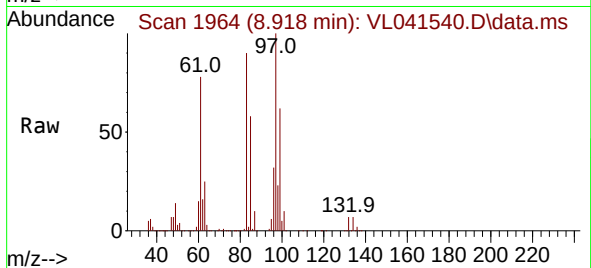
99 62.1 51.4 77.0

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Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#48

Dibromochloromethane

Concen: 11.573 ppbv

RT: 9.732 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VL041540.D

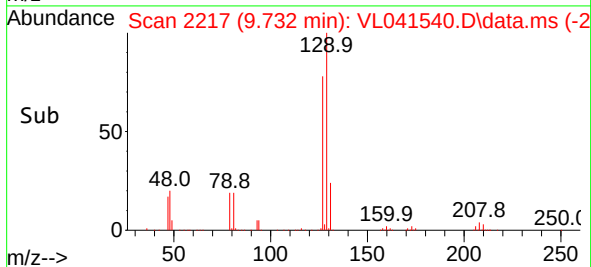
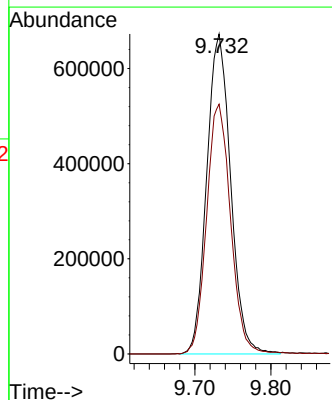
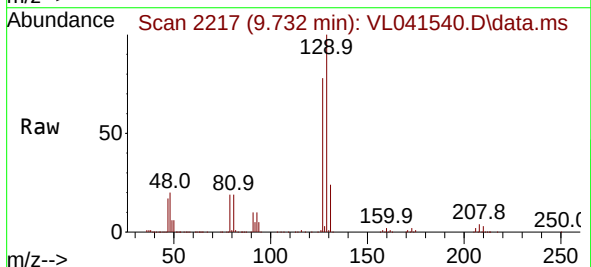
Acq: 19 Aug 2024 8:59

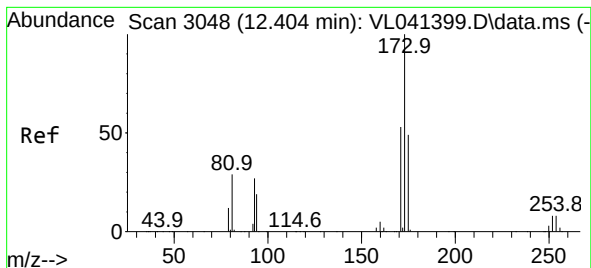
Tgt Ion:129 Resp: 1471389

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.8





#49

Bromoform

Concen: 12.015 ppbv

RT: 12.429 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 129036

Ion Ratio Lower Upper

173 100

175 49.8 39.9 59.9

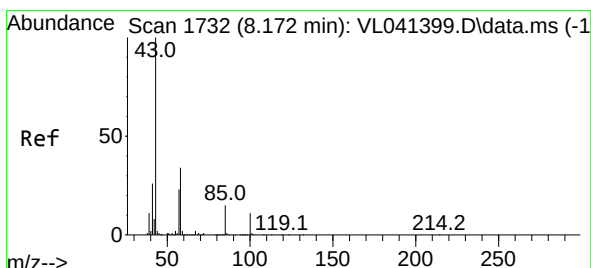
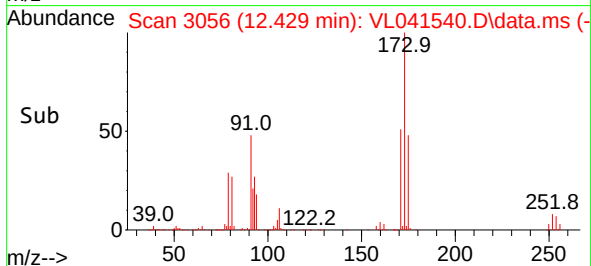
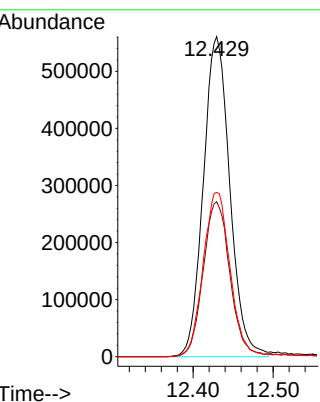
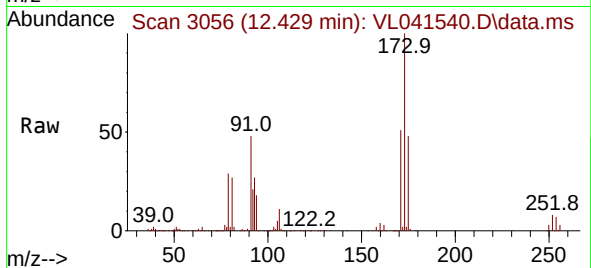
171 52.9 41.7 62.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#50

4-Methyl-2-Pentanone

Concen: 12.021 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VL041540.D

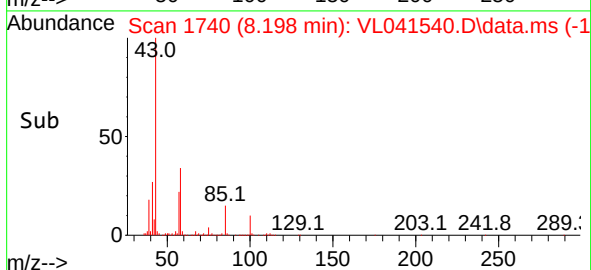
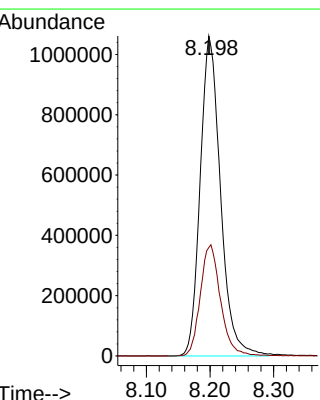
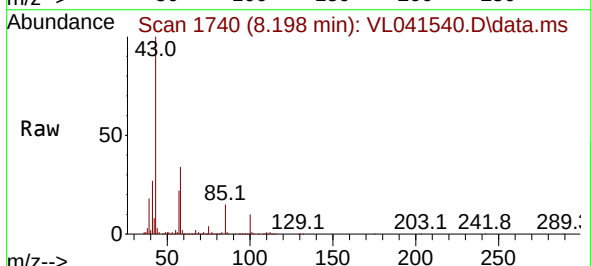
Acq: 19 Aug 2024 8:59

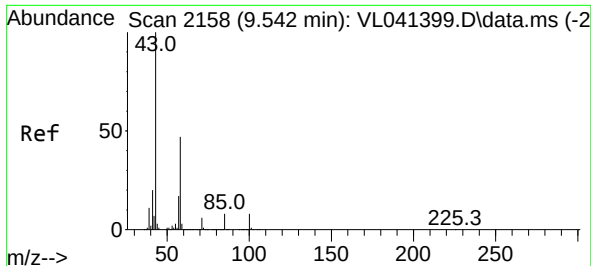
Tgt Ion: 43 Resp: 2348083

Ion Ratio Lower Upper

43 100

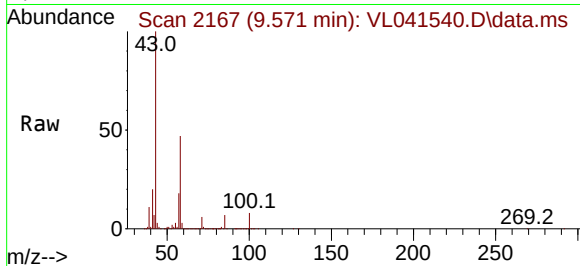
58 34.8 27.9 41.9





#51
2-Hexanone
Concen: 12.796 ppbv
RT: 9.571 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

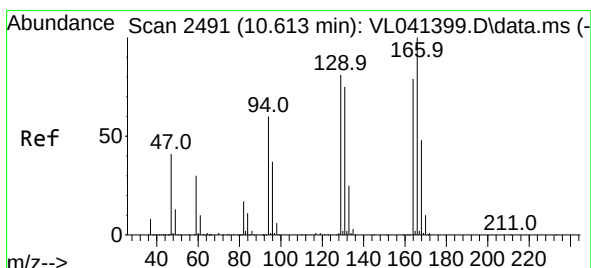
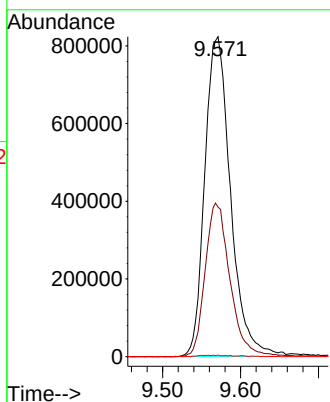
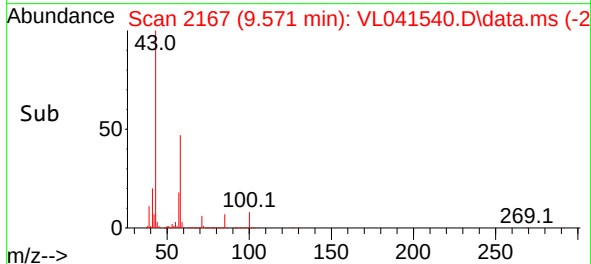
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



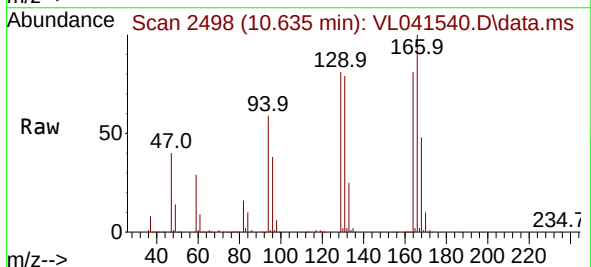
Tgt Ion: 43 Resp: 1889904
Ion Ratio Lower Upper
43 100
58 46.7 38.2 57.2
98 0.7 0.3 0.5

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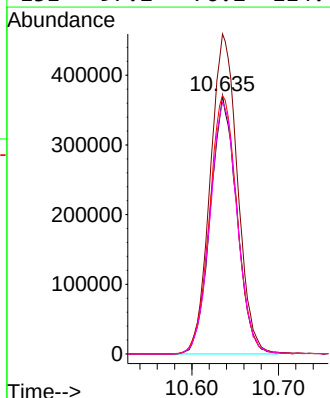
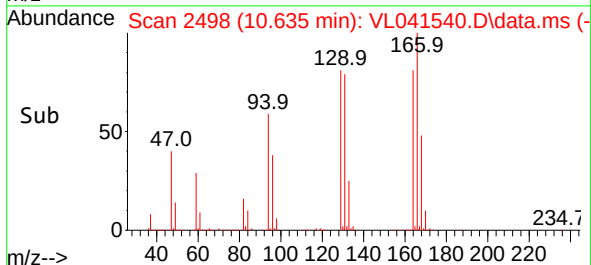
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

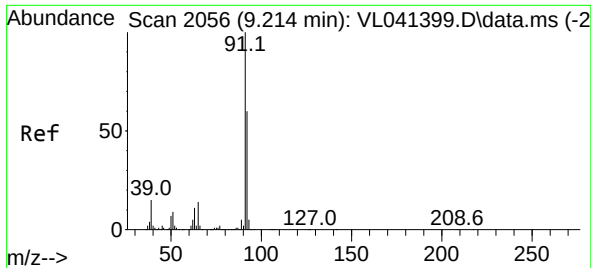


#52
Tetrachloroethene
Concen: 10.865 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59



Tgt Ion:164 Resp: 785134
Ion Ratio Lower Upper
164 100
166 123.7 101.1 151.7
129 99.8 81.7 122.5
131 97.2 76.2 114.4





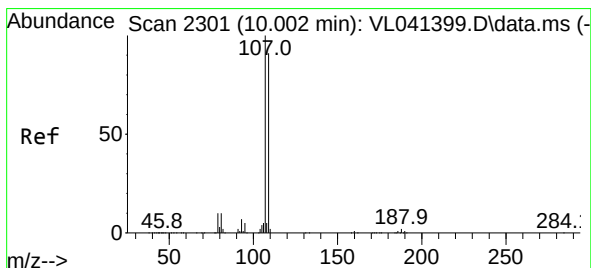
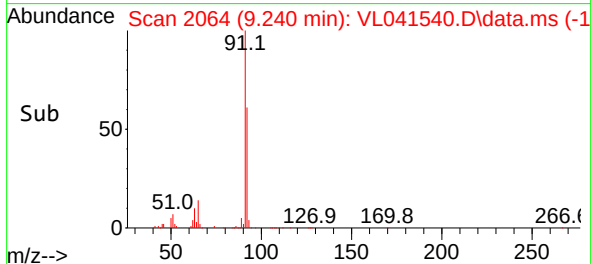
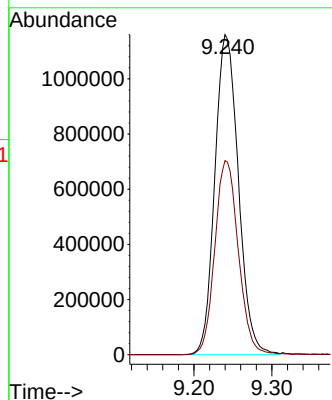
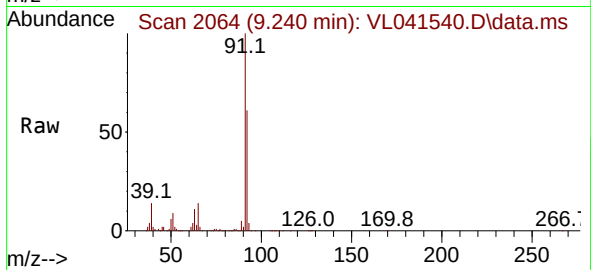
#53
Toluene
Concen: 11.689 ppbv
RT: 9.240 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 243493
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1

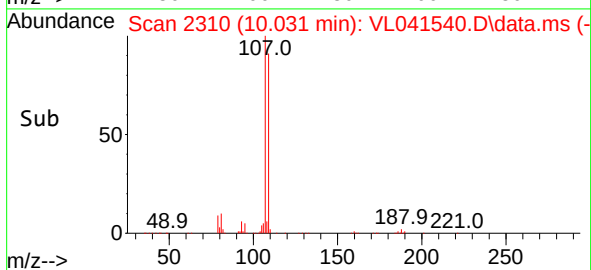
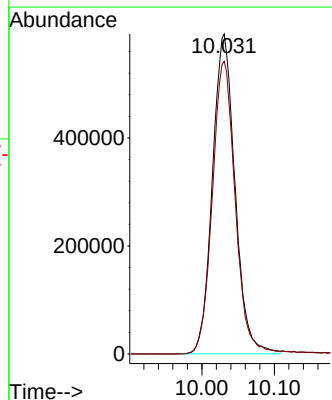
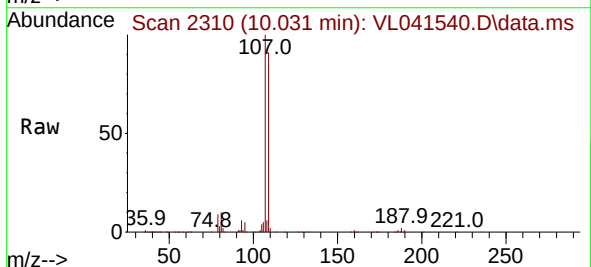
Manual Integrations
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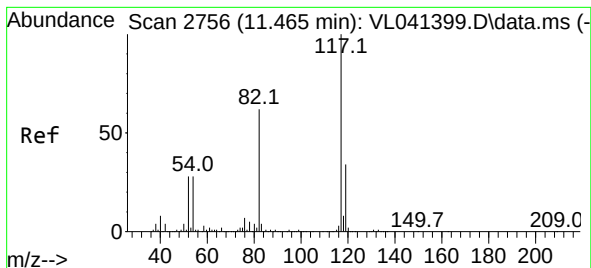
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#54
1,2-Dibromoethane
Concen: 12.183 ppbv
RT: 10.031 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

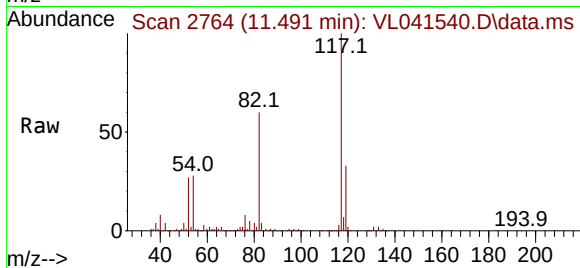
Tgt Ion:107 Resp: 1279830
Ion Ratio Lower Upper
107 100
109 91.5 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

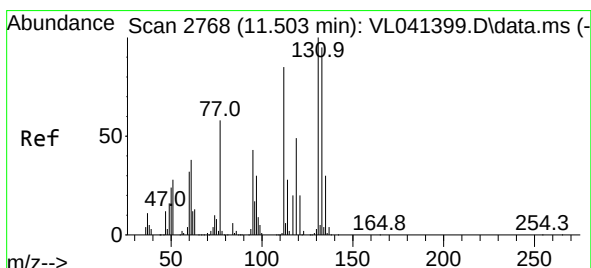
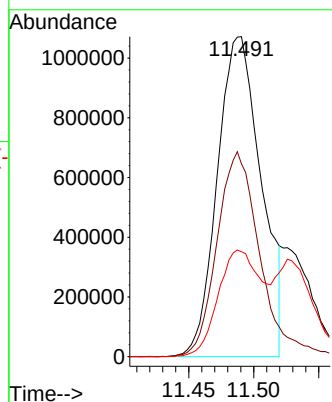
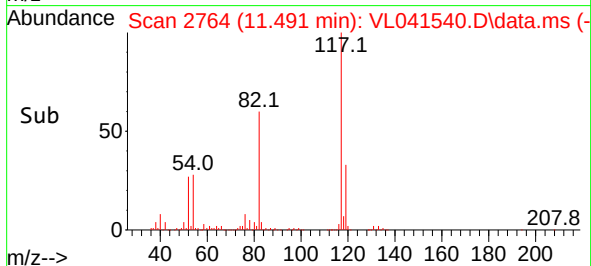
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 2515938
Ion Ratio Lower Upper
117 100
82 63.2 51.0 76.6
119 33.6 45.2 67.8

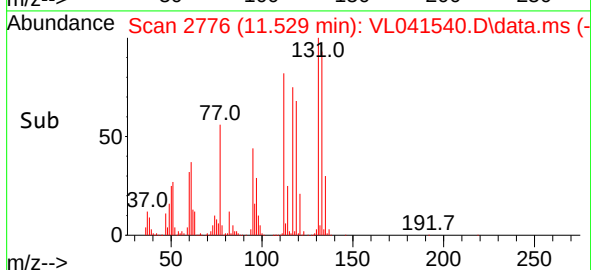
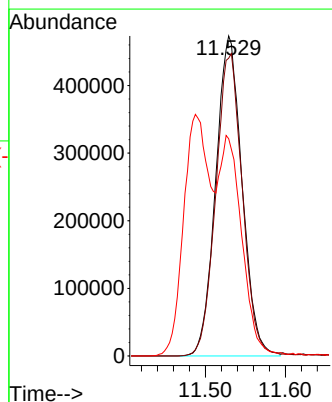
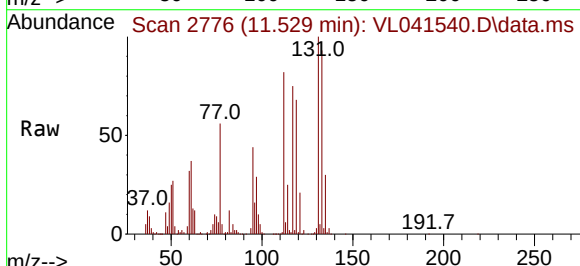
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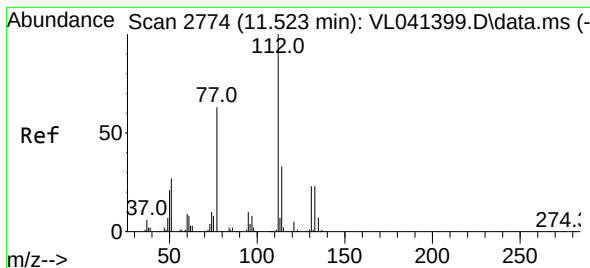
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 11.093 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

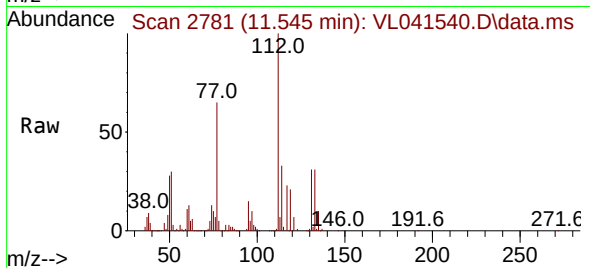
Tgt Ion:131 Resp: 1082376
Ion Ratio Lower Upper
131 100
133 95.5 77.0 115.4
119 63.5 121.5 182.3





#57
Chlorobenzene
Concen: 10.704 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

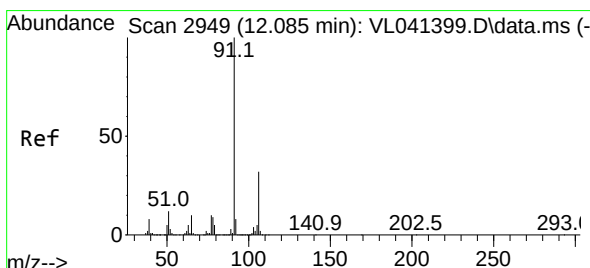
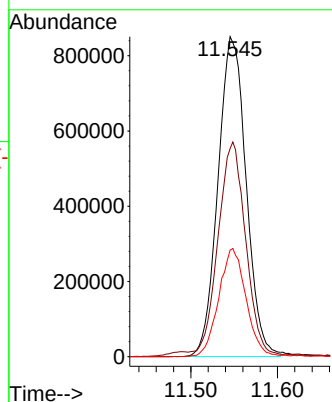
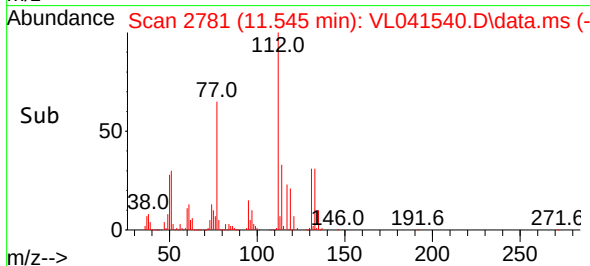
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



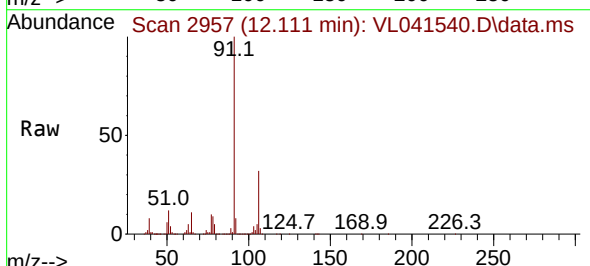
Tgt Ion: 112 Resp: 191734
Ion Ratio Lower Upper
112 100
77 64.3 51.1 76.7
114 33.3 29.5 36.1

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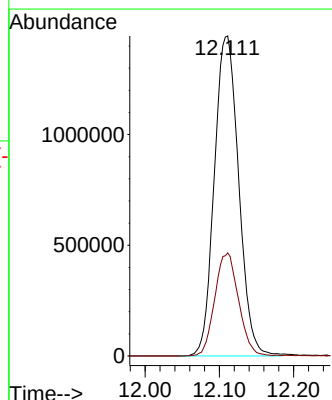
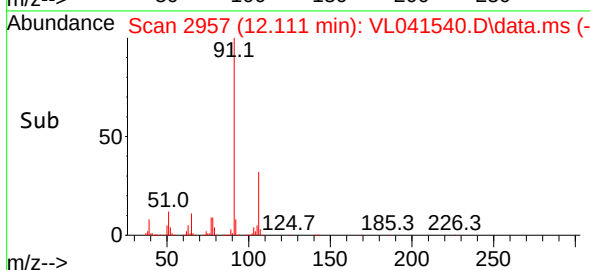
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

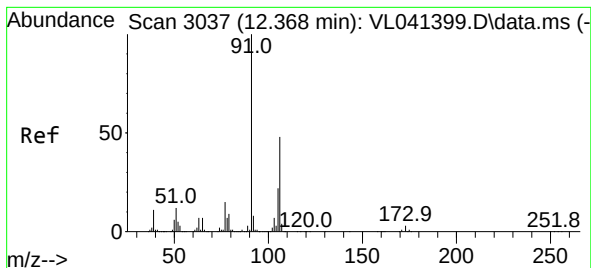


#58
Ethyl Benzene
Concen: 11.363 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59



Tgt Ion: 91 Resp: 3295215
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8





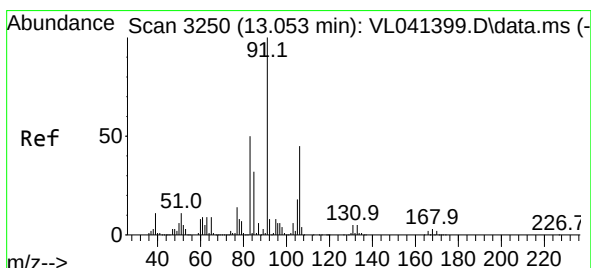
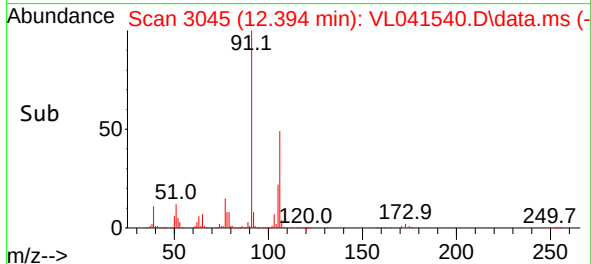
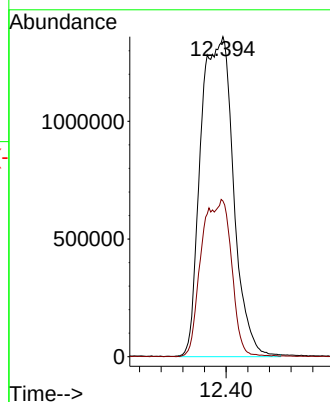
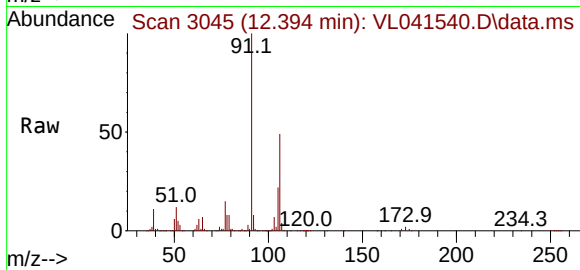
#59
m/p-Xylene
Concen: 22.679 ppbv m
RT: 12.394 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 567723
Ion Ratio Lower Upper
91 100
106 45.4 36.3 54.5

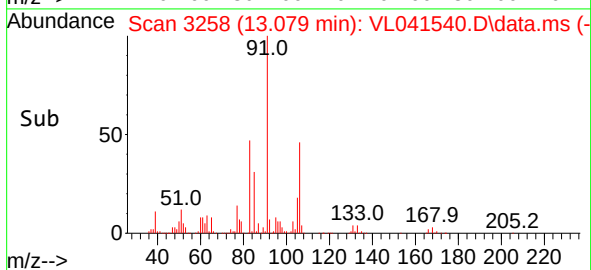
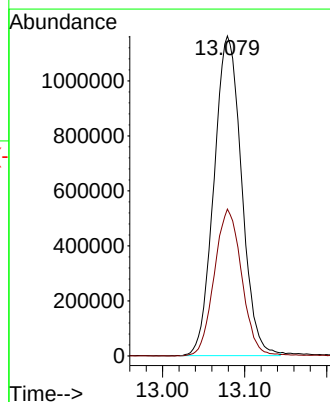
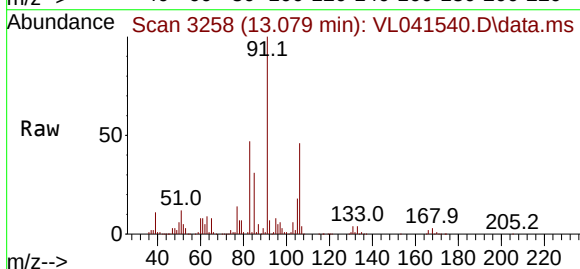
Manual Integrations
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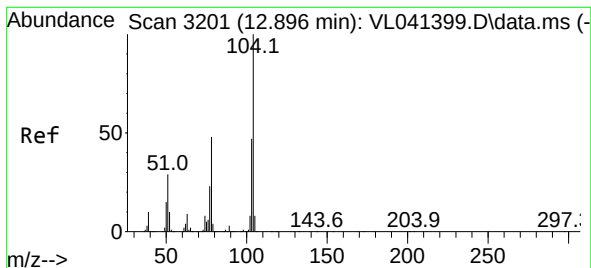
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#60
o-Xylene
Concen: 11.476 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Tgt Ion: 91 Resp: 2717555
Ion Ratio Lower Upper
91 100
106 46.2 23.1 69.3





#61

Styrene

Concen: 12.305 ppbv

RT: 12.918 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 131455

Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

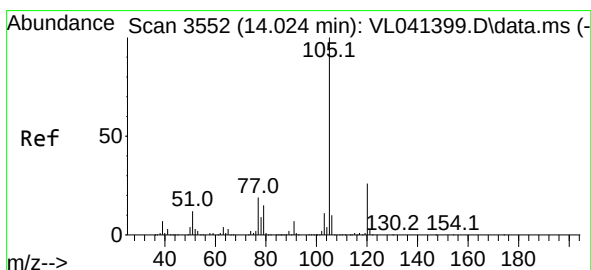
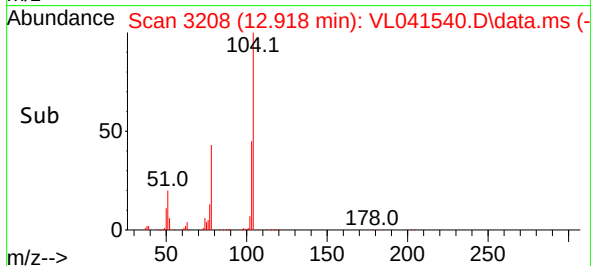
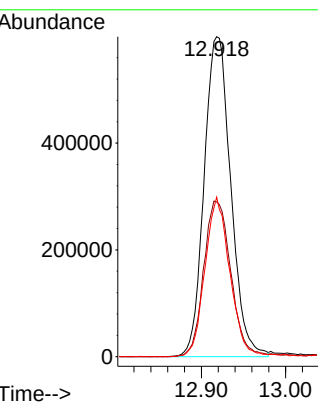
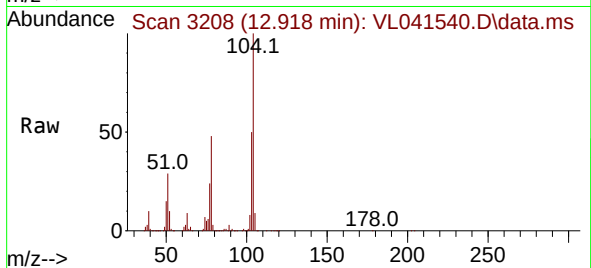
103 47.0 38.2 57.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#62

Isopropylbenzene

Concen: 10.958 ppbv

RT: 14.050 min Scan# 3560

Delta R.T. 0.000 min

Lab File: VL041540.D

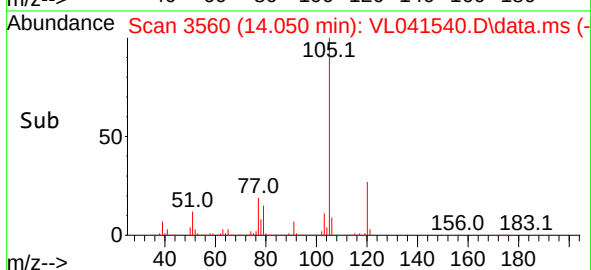
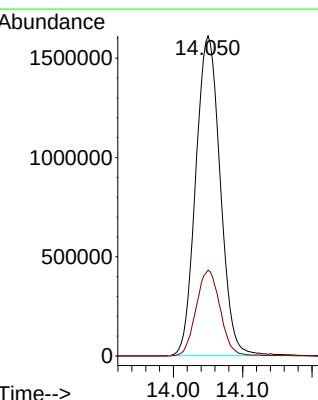
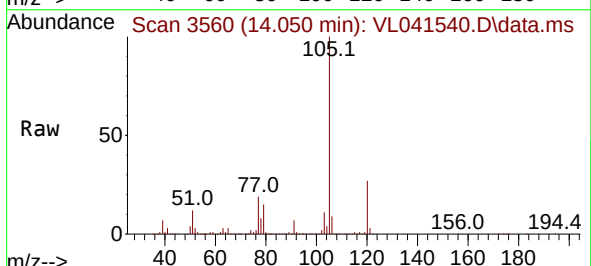
Acq: 19 Aug 2024 8:59

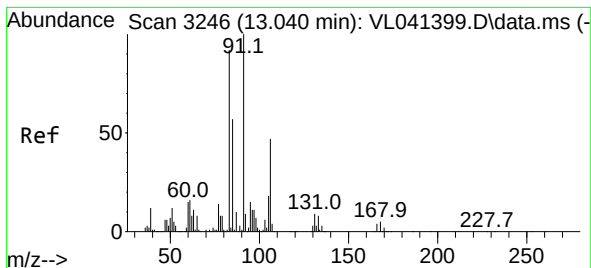
Tgt Ion:105 Resp: 3944805

Ion Ratio Lower Upper

105 100

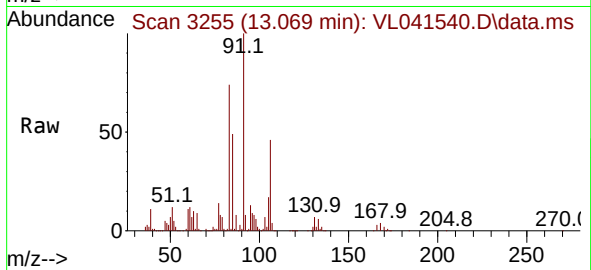
120 26.6 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 11.206 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

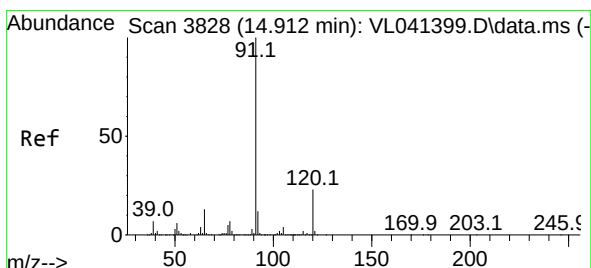
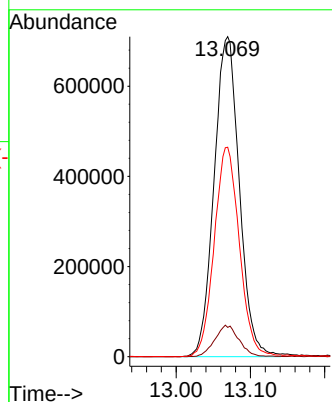
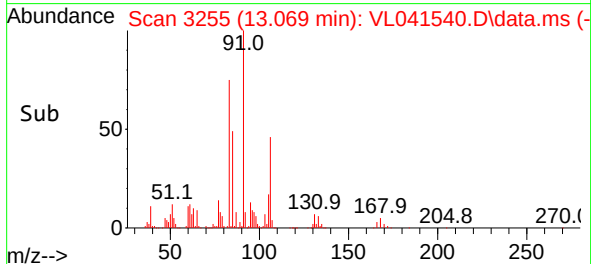
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 167565
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.0 32.6 98.0

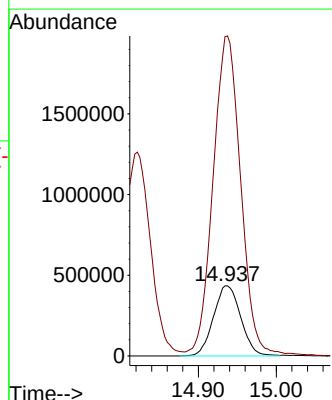
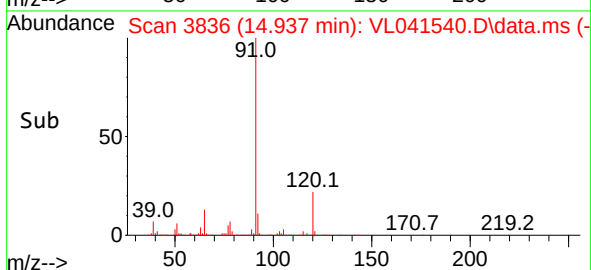
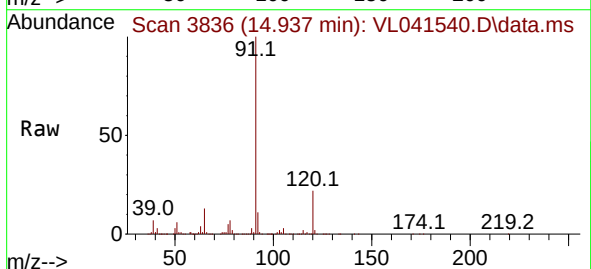
Manual Integrations
APPROVED

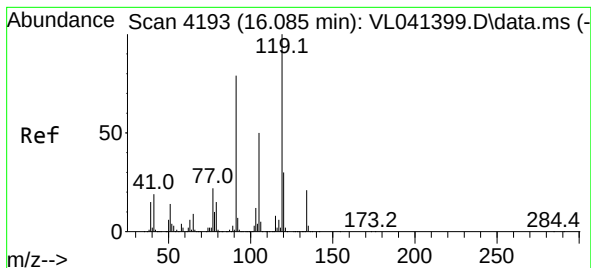
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#64
n-propylbenzene
Concen: 11.231 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Tgt Ion:120 Resp: 1056999
Ion Ratio Lower Upper
120 100
91 464.7 361.4 542.0





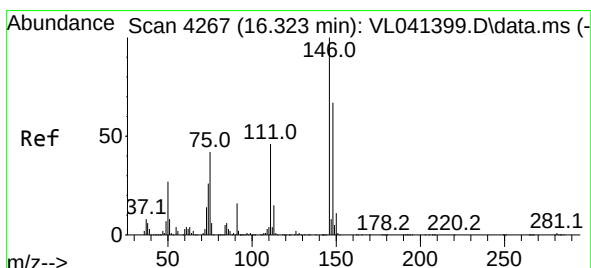
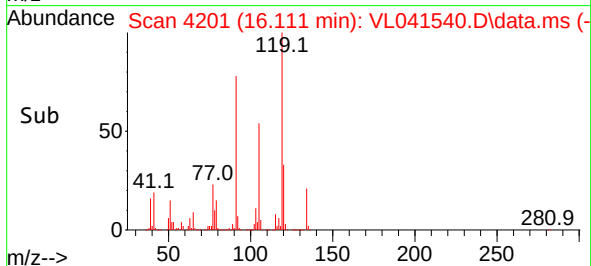
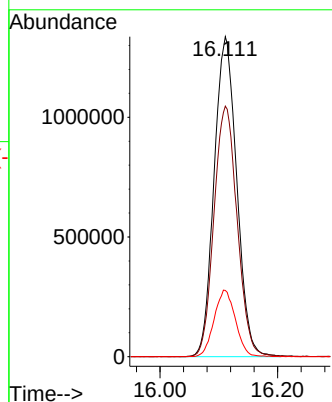
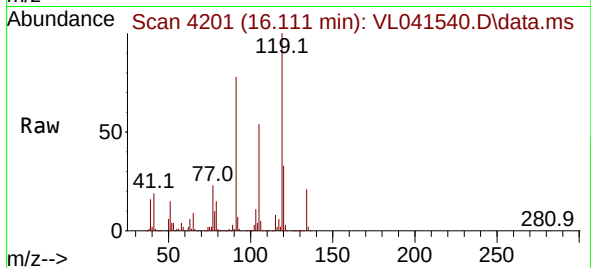
#65
tert-Butylbenzene
Concen: 10.976 ppbv
RT: 16.111 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 356898
Ion Ratio Lower Upper
119 100
91 80.2 64.2 96.2
134 19.7 15.7 23.5

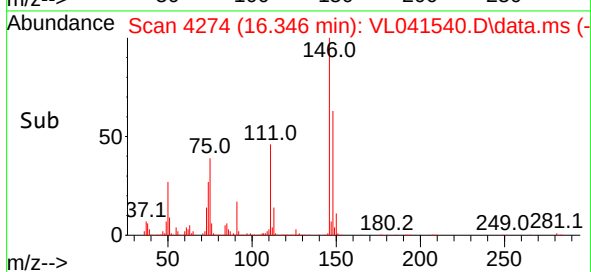
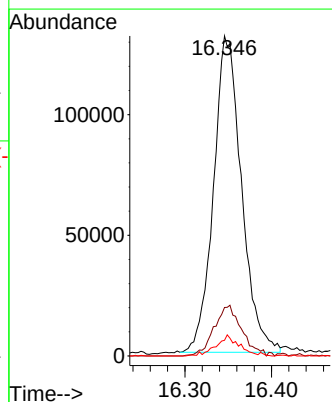
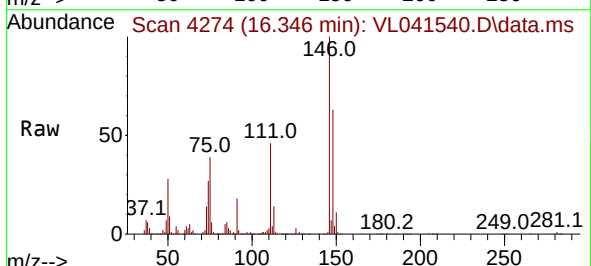
Manual Integrations
APPROVED

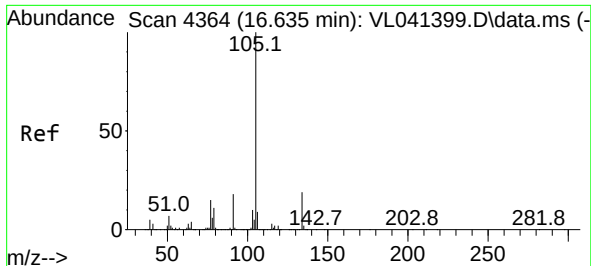
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#66
Benzyl Chloride
Concen: 14.122 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

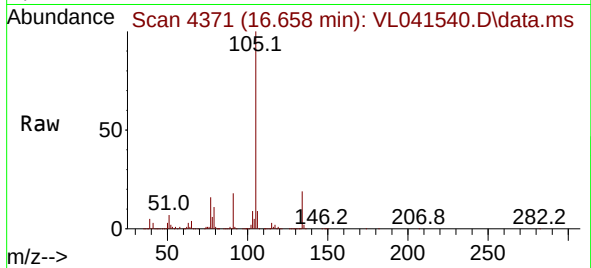
Tgt Ion: 91 Resp: 294537
Ion Ratio Lower Upper
91 100
126 16.3 13.8 20.8
128 5.6 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 11.189 ppbv
 RT: 16.658 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59

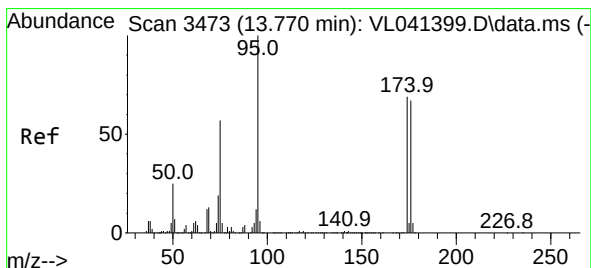
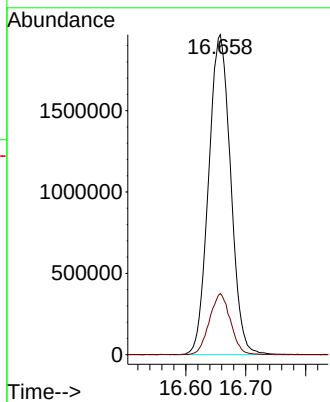
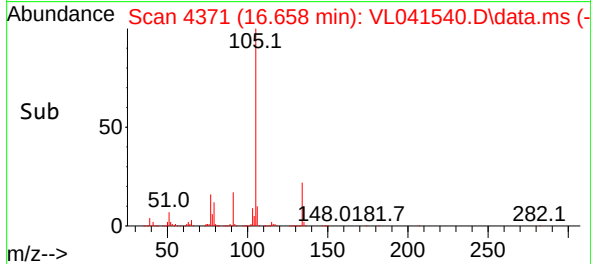
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 501244
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.5 21.7

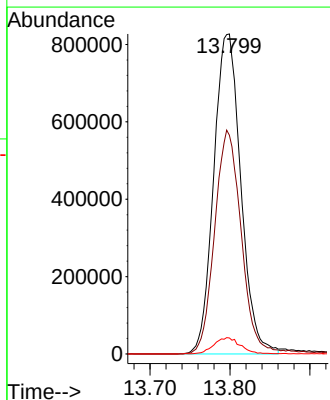
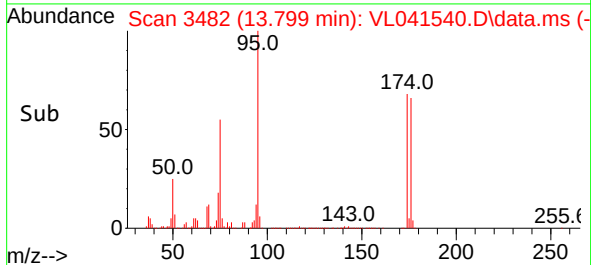
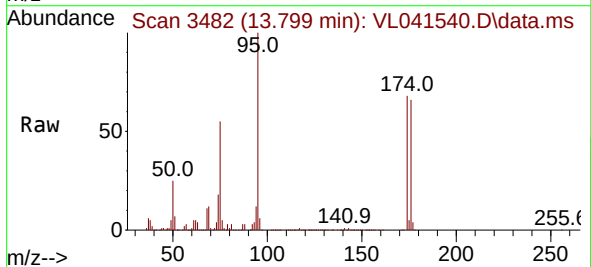
Manual Integrations
 APPROVED

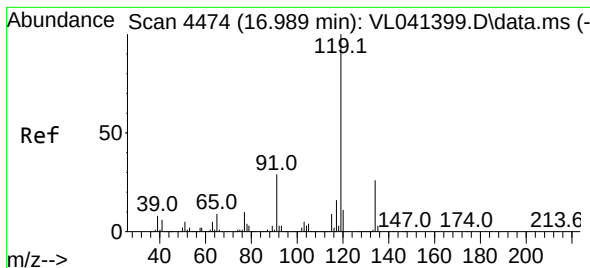
Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.059 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.000 min
 Lab File: VL041540.D
 Acq: 19 Aug 2024 8:59

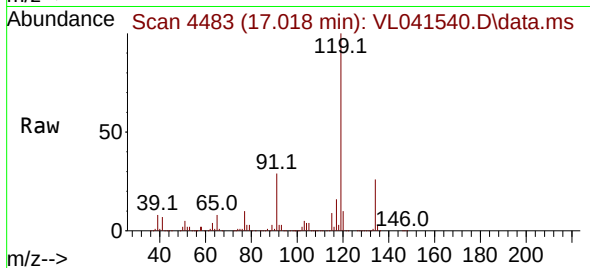
Tgt Ion: 95 Resp: 1947516
 Ion Ratio Lower Upper
 95 100
 174 69.8 56.3 84.5
 175 5.1 4.0 6.0





#69
p-Isopropyltoluene
Concen: 11.366 ppbv
RT: 17.018 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

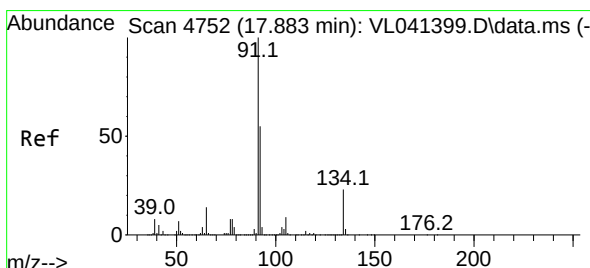
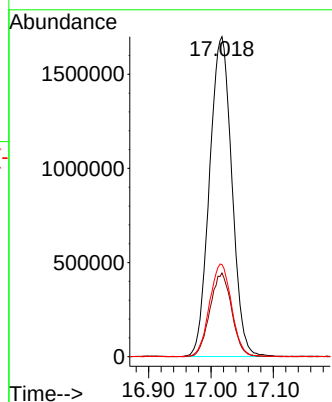
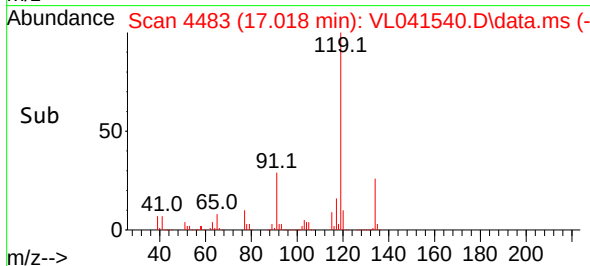
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 4225410
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 28.6 23.2 34.8

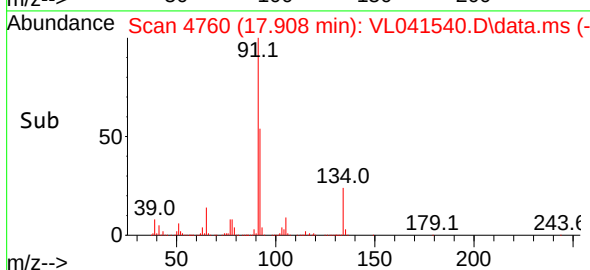
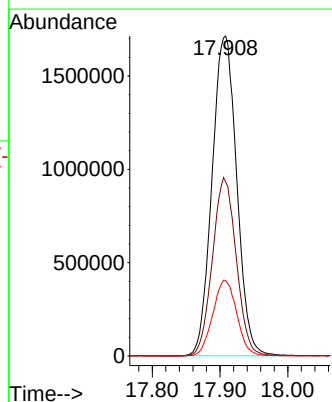
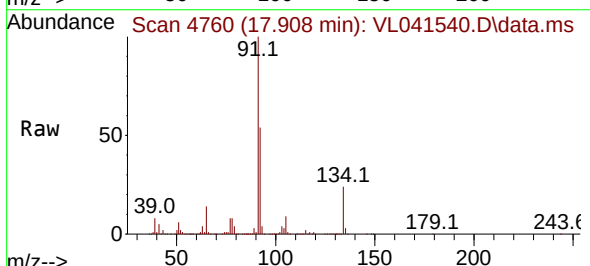
Manual Integrations
APPROVED

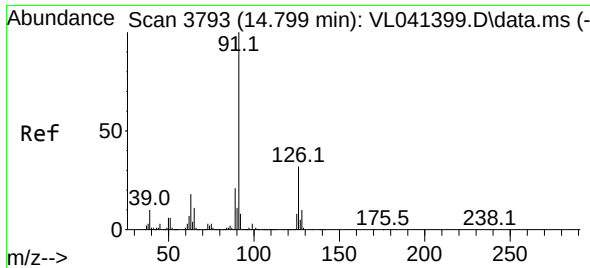
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#70
n-Butylbenzene
Concen: 11.376 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Tgt Ion: 91 Resp: 4335585
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 23.1 18.5 27.7





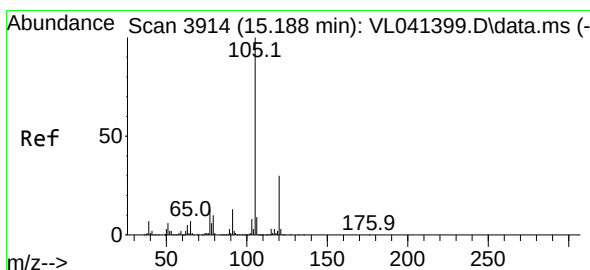
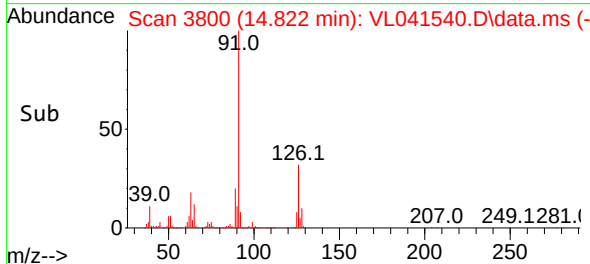
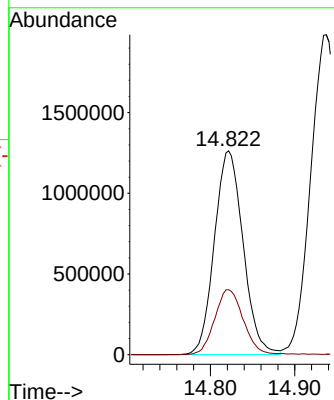
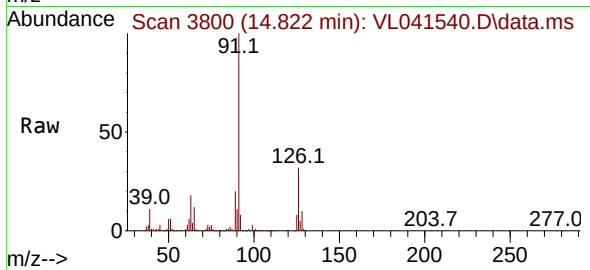
#71
2-Chlorotoluene
Concen: 11.240 ppbv
RT: 14.822 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 298395
Ion Ratio Lower Upper
91 100
126 32.3 12.7 50.9

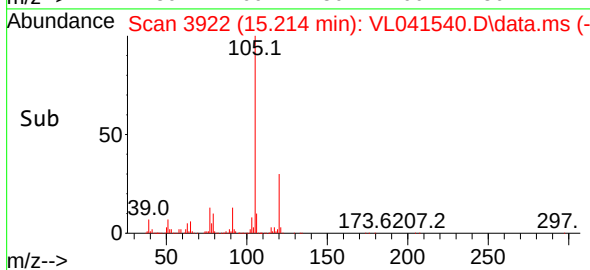
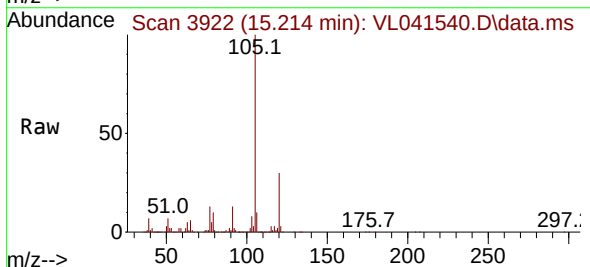
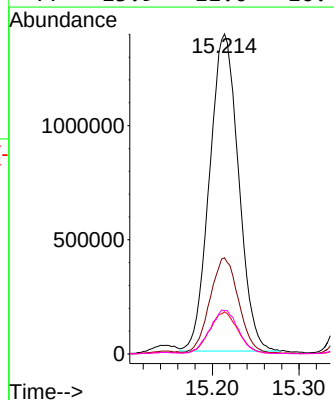
Manual Integrations
APPROVED

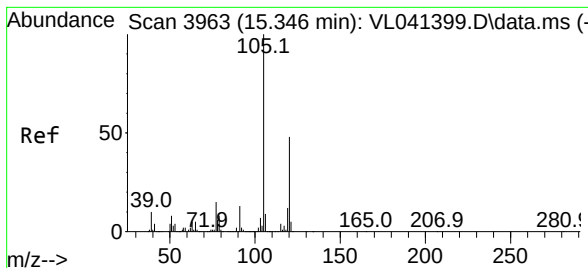
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#72
4-Ethyltoluene
Concen: 11.588 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

Tgt Ion:105 Resp: 3230798
Ion Ratio Lower Upper
105 100
120 31.4 24.2 36.2
91 13.9 10.4 15.6
77 13.9 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 11.636 ppbv

RT: 15.371 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VL041540.D

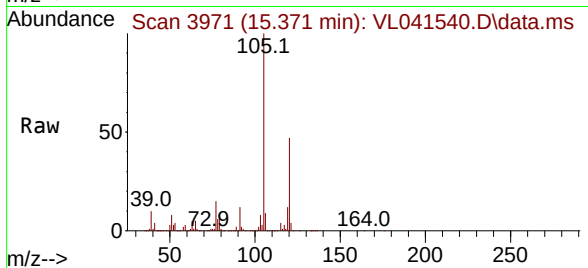
Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 2794784

Ion Ratio Lower Upper

105 100

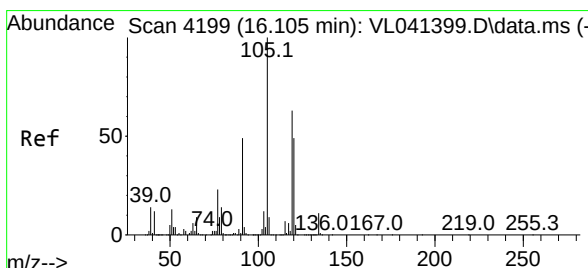
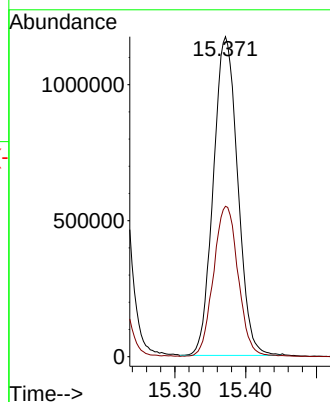
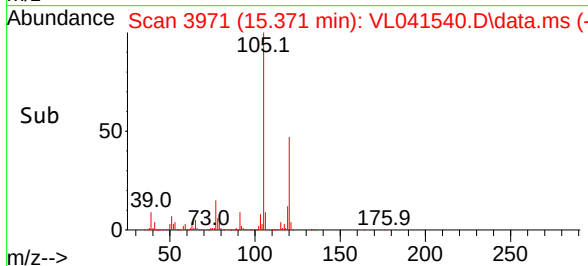
120 47.1 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#74

1,2,4-Trimethylbenzene

Concen: 11.232 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Tgt Ion:105 Resp: 3136247

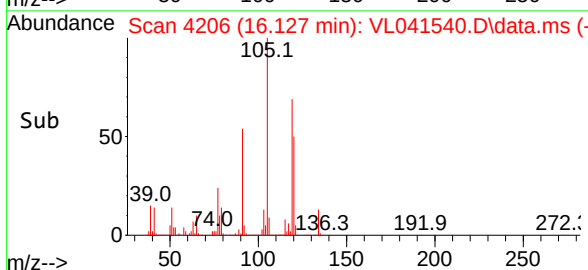
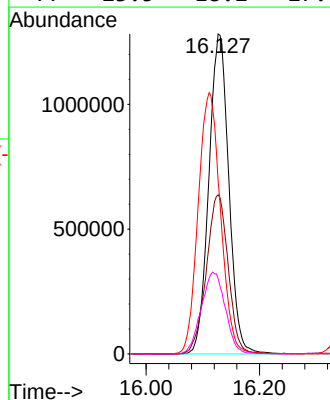
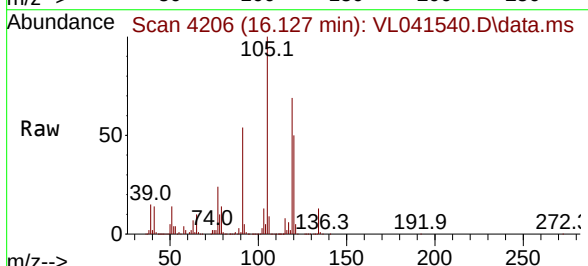
Ion Ratio Lower Upper

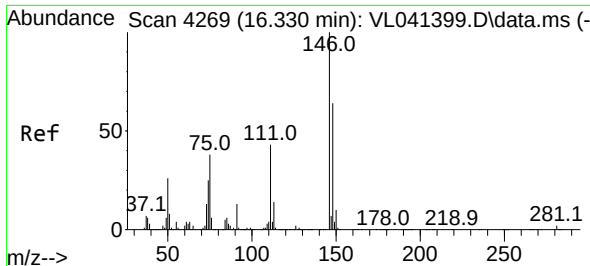
105 100

120 49.7 39.5 59.3

91 54.0 39.8 59.8

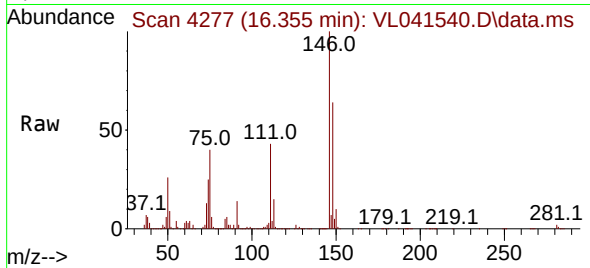
77 23.5 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 11.131 ppbv
RT: 16.355 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59

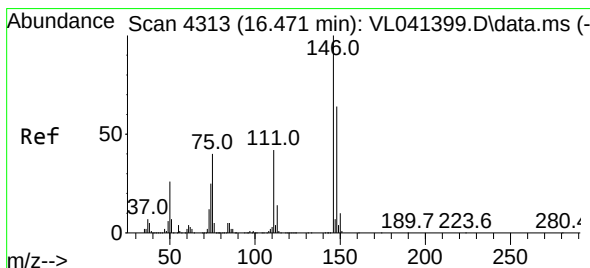
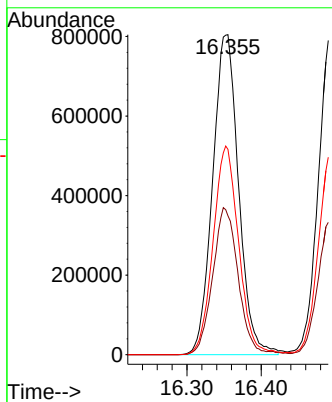
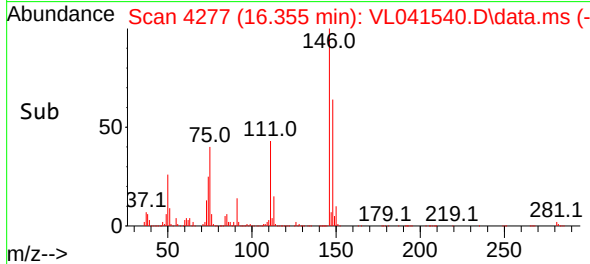
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



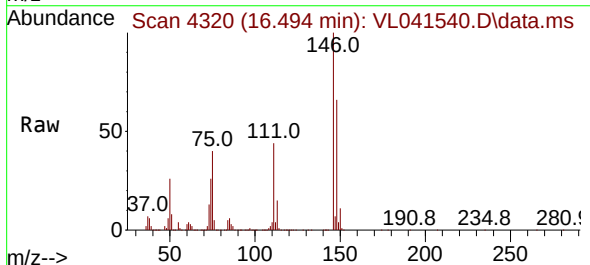
Tgt Ion:146 Resp: 1953807
Ion Ratio Lower Upper
146 100
111 45.4 22.6 67.8
148 64.2 32.3 96.8

Manual Integrations
APPROVED

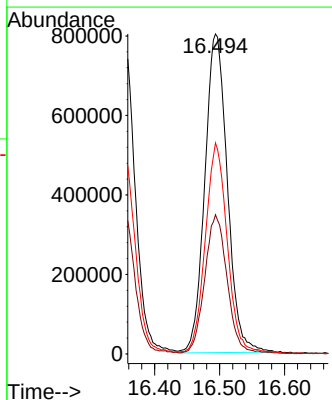
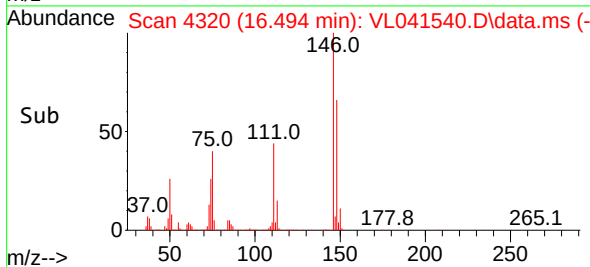
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

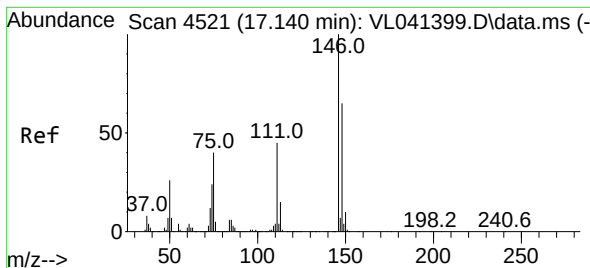


#76
1,4-Dichlorobenzene
Concen: 11.378 ppbv
RT: 16.494 min Scan# 4320
Delta R.T. 0.000 min
Lab File: VL041540.D
Acq: 19 Aug 2024 8:59



Tgt Ion:146 Resp: 1933808
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 64.8 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 10.922 ppbv

RT: 17.162 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 190054

Ion Ratio Lower Upper

146 100

111 46.5 23.4 70.0

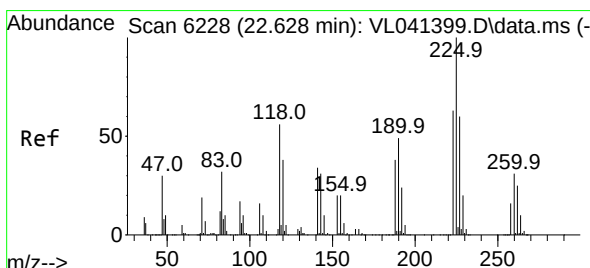
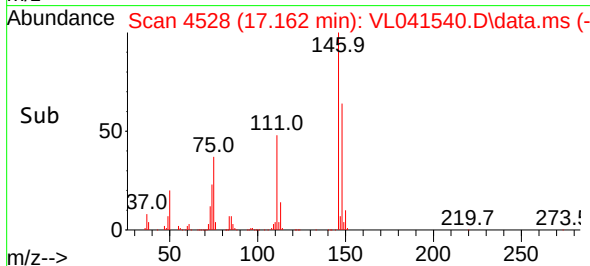
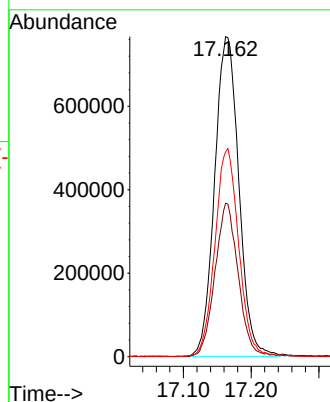
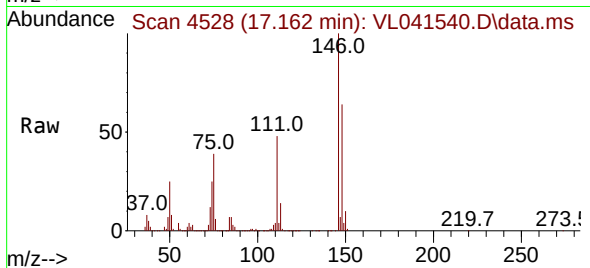
148 64.2 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.546 ppbv

RT: 22.657 min Scan# 6237

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

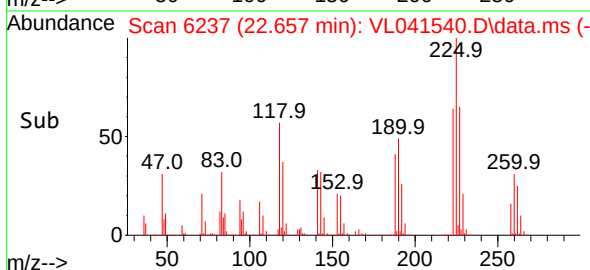
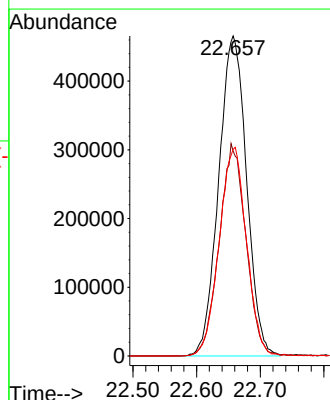
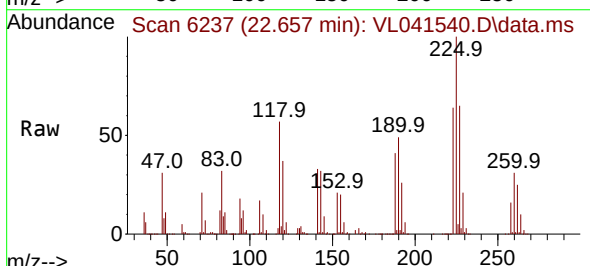
Tgt Ion:225 Resp: 1416463

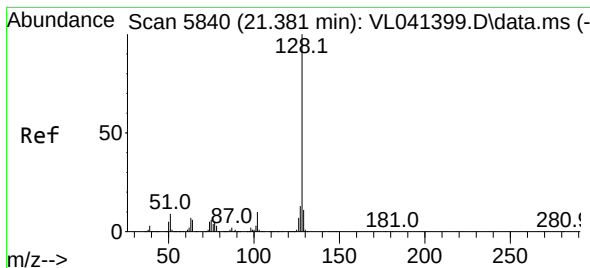
Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

227 64.0 50.8 76.2





#79

Naphthalene

Concen: 12.765 ppbv

RT: 21.410 min Scan# 5849

Delta R.T. 0.000 min

Lab File: VL041540.D

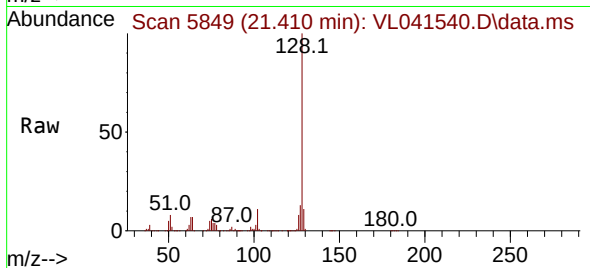
Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:128 Resp: 3145958

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

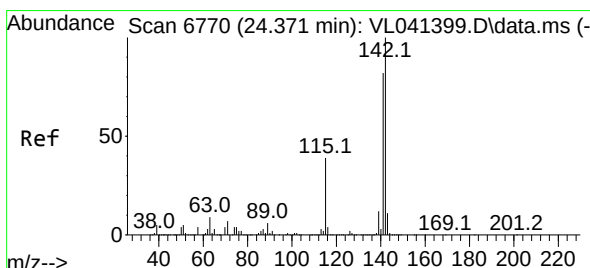
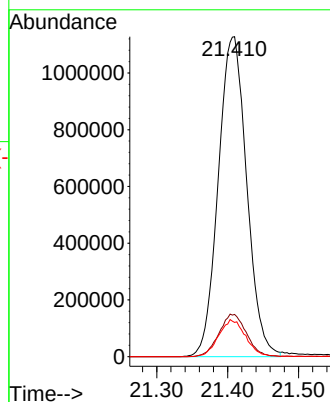
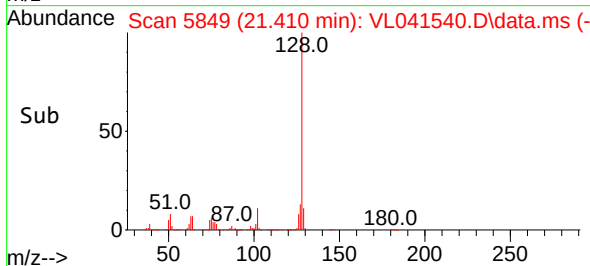
129 10.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#80

Naphthalene,2-methyl-

Concen: 13.054 ppbv

RT: 24.390 min Scan# 6776

Delta R.T. 0.000 min

Lab File: VL041540.D

Acq: 19 Aug 2024 8:59

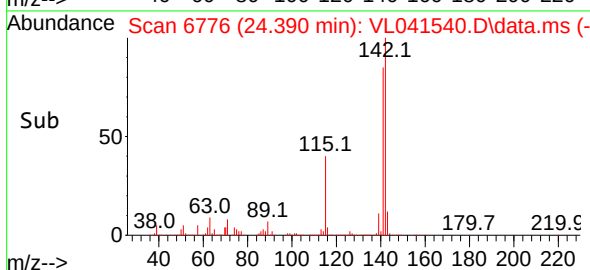
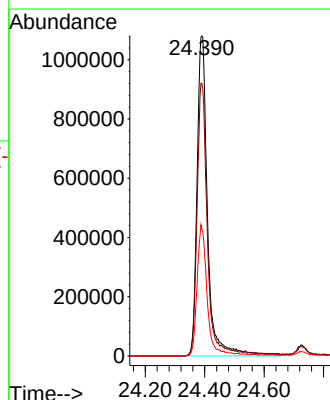
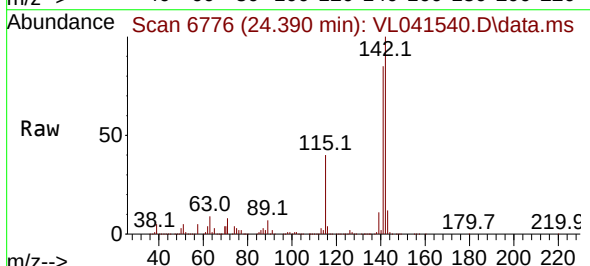
Tgt Ion:142 Resp: 2696816

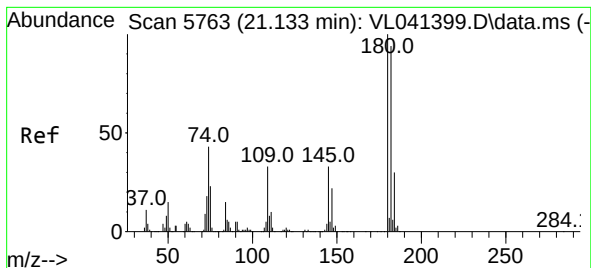
Ion Ratio Lower Upper

142 100

141 83.4 67.0 100.4

115 39.9 32.2 48.2





#81

1,2,4-Trichlorobenzene

Concen: 11.343 ppbv

RT: 21.162 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL041540.D

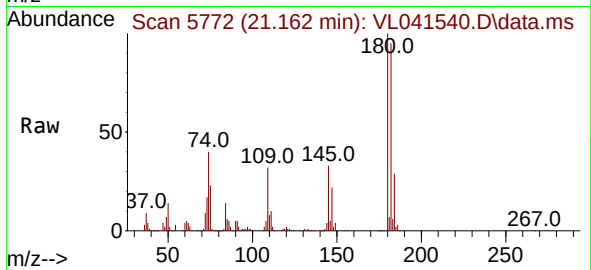
Acq: 19 Aug 2024 8:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1663658

Ion Ratio Lower Upper

180 100

182 96.6 76.7 115.1

184 30.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024

