

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041212.D
 Acq On : 6 May 2024 11:02
 Operator : SY/MD
 Sample : VL0506ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0506ABS01

Quant Time: May 07 05:21:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue May 07 05:19:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Supervised By : Mahesh
 Dadoda
 05/07/2024

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

Internal Standards						
1) Bromochloromethane	5.192	49	915298	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2421700	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2462637m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 1766067 9.499 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	1251956	10.112	ppbv	98
3) Chlorodifluoromethane	2.681	51	1384426	9.959	ppbv	100
4) Chloromethane	2.819	50	542435	9.944	ppbv	93
5) Vinyl Chloride	2.925	62	557651	10.176	ppbv	100
6) Bromomethane	3.124	94	196411	9.824	ppbv	97
7) Chloroethane	3.201	64	190519	9.847	ppbv	97
8) Dichlorotetrafluoroethane	2.864	85	1288077	10.051	ppbv	98
9) Propene	2.700	41	518293	9.527	ppbv	98
10) Heptane	7.577	43	1252645	9.504	ppbv	98
11) Trichlorofluoromethane	3.565	101	1354000	10.761	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.066	101	985430	10.590	ppbv	99
13) Ethanol	3.240	45	119899m	9.832	ppbv	
14) Bromoethene	3.369	108	390153	10.160	ppbv	99
15) Acetone	3.471	43	1013072	9.378	ppbv	98
16) 1,3-Butadiene	2.989	39	551862	10.121	ppbv	99
17) tert-Butyl alcohol	3.880	59	1088278	9.339	ppbv	100
18) 1,1-Dichloroethene	3.880	96	432883	10.434	ppbv	97
19) Isopropyl Alcohol	3.578	45	696253	9.823	ppbv #	43
20) Methylene Chloride	3.934	84	375880	10.006	ppbv	99
21) Allyl Chloride	3.996	41	713160	10.125	ppbv	97
22) trans-1,2-Dichloroethene	4.446	96	444943	10.312	ppbv	97
23) Vinyl Acetate	4.626	43	1220148	10.258	ppbv	99
24) 1,1-Dichloroethane	4.565	63	962799	10.409	ppbv	99
25) Ethyl Acetate	5.205	43	2064157	9.573	ppbv	99
26) Hexane	5.211	57	910590	9.464	ppbv	99
27) Carbon Disulfide	4.124	76	1172499	10.294	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	729961	9.528	ppbv	98
29) Chloroform	5.272	83	1354900	10.207	ppbv	99
30) Cyclohexane	6.597	84	764178	10.033	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	884410	9.818	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1367421	10.325	ppbv	99
34) 2-Butanone	4.783	43	1116770	9.060	ppbv	99
35) Carbon Tetrachloride	6.491	117	1377025	10.132	ppbv	98
36) Benzene	6.368	78	1934803	9.520	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1062397	10.019	ppbv	99
38) Trichloroethene	7.288	130	722572	9.541	ppbv	97
39) 1,2-Dichloropropane	7.069	63	753157	9.616	ppbv	98
40) 1,4-Dioxane	7.278	88	284836	10.180	ppbv	96
41) Tetrahydrofuran	5.555	42	831570	9.319	ppbv	100
42) Bromodichloromethane	7.246	83	1540696	10.131	ppbv	99
43) Methyl Methacrylate	7.468	69	787871	9.585	ppbv	98
44) 2,2,4-Trimethylpentane	7.323	57	3248970	9.272	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	605299	10.162	ppbv	98

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Quant Time: May 07 05:21:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue May 07 05:19:44 2024
 Response via : Initial Calibration

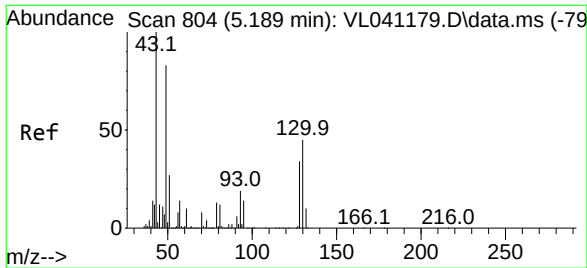
Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Supervised By : Mahesh
 Dadoda
 05/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	721071	9.888	ppbv	99
47) 1,1,2-Trichloroethane	8.896	97	783313	9.992	ppbv	98
48) Dibromochloromethane	9.706	129	1274076	10.200	ppbv	99
49) Bromoform	12.404	173	1089544	10.254	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2031485	9.184	ppbv	99
51) 2-Hexanone	9.545	43	1494023	9.106	ppbv #	99
52) Tetrachloroethene	10.609	164	676203	9.467	ppbv	95
53) Toluene	9.217	91	2249986	9.548	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1075927	10.133	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.507	131	934653	9.360	ppbv	99
57) Chlorobenzene	11.523	112	1646841	9.131	ppbv	99
58) Ethyl Benzene	12.085	91	3005194	8.900	ppbv	98
59) m/p-Xylene	12.368	91	4998533m	17.613	ppbv	
60) o-Xylene	13.053	91	2383005	8.958	ppbv	100
61) Styrene	12.892	104	1288818	9.171	ppbv	100
62) Isopropylbenzene	14.024	105	3541533	8.900	ppbv	99
63) 1,1,1,2-Tetrachloroethane	13.040	83	1650496	9.102	ppbv	100
64) n-propylbenzene	14.908	120	923919	9.307	ppbv	98
65) tert-Butylbenzene	16.085	119	3066885	8.605	ppbv	99
66) Benzyl Chloride	16.323	91	280458	6.952	ppbv	100
67) sec-Butylbenzene	16.629	105	4391312	8.753	ppbv	99
69) p-Isopropyltoluene	16.989	119	3641676	8.808	ppbv	100
70) n-Butylbenzene	17.879	91	3836776	8.886	ppbv	99
71) 2-Chlorotoluene	14.796	91	2736959	9.034	ppbv	99
72) 4-Ethyltoluene	15.188	105	2865434	9.509	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2466262	9.046	ppbv	99
74) 1,2,4-Trimethylbenzene	16.104	105	2676654	8.989	ppbv	93
75) 1,3-Dichlorobenzene	16.323	146	1589839	9.311	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1552244	9.453	ppbv	99
77) 1,2-Dichlorobenzene	17.133	146	1547151	9.065	ppbv	99
78) Hexachloro-1,3-Butadiene	22.631	225	1147756m	7.566	ppbv	
79) Naphthalene	21.374	128	2701491	9.527	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	891770	7.818	ppbv	96
81) 1,2,4-Trichlorobenzene	21.133	180	1314196	8.777	ppbv	99

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



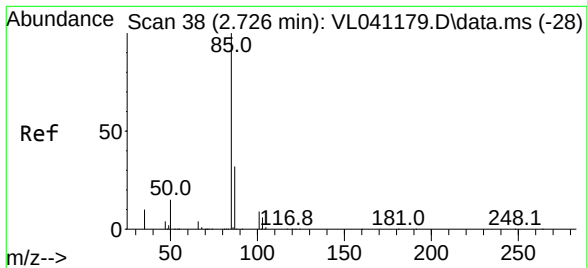
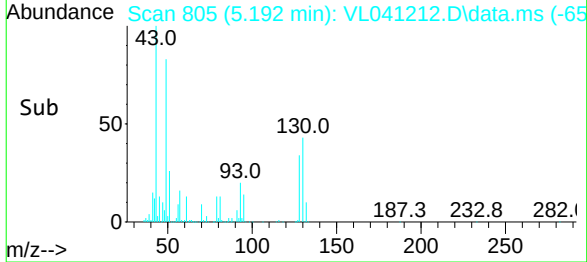
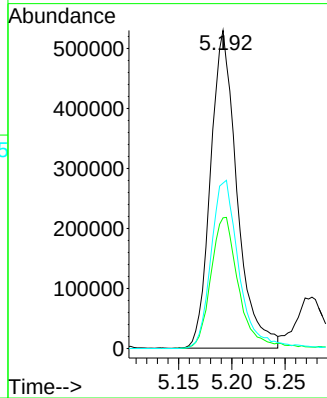
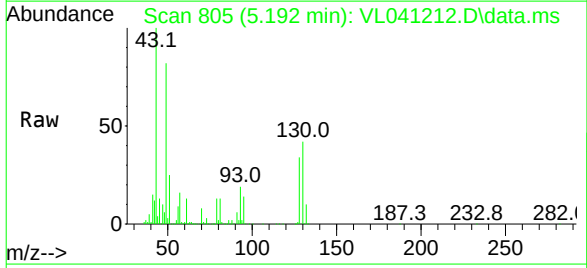
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 49 Resp: 915298
Ion Ratio Lower Upper
49 100
128 44.3 21.5 64.5
130 56.5 27.2 81.6

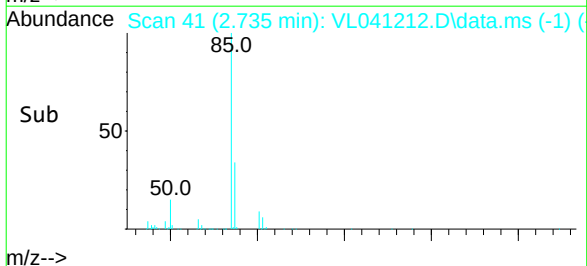
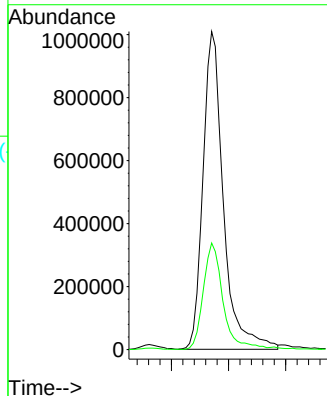
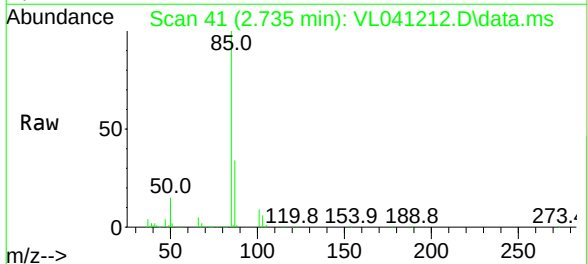
Manual Integrations
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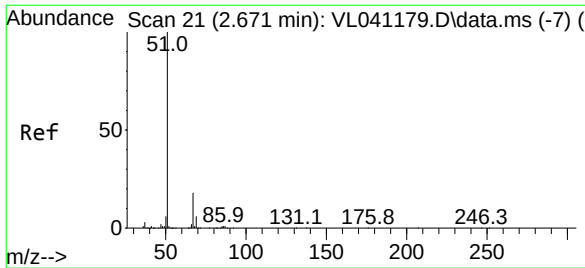
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#2
Dichlorodifluoromethane
Concen: 10.112 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 85 Resp: 1251956
Ion Ratio Lower Upper
85 100
87 33.4 25.7 38.5





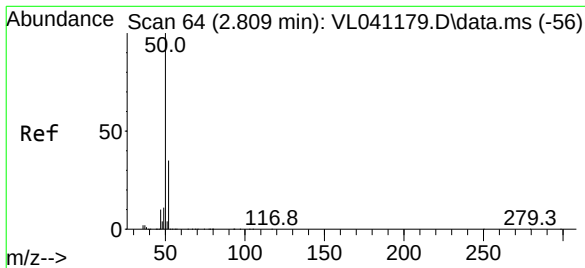
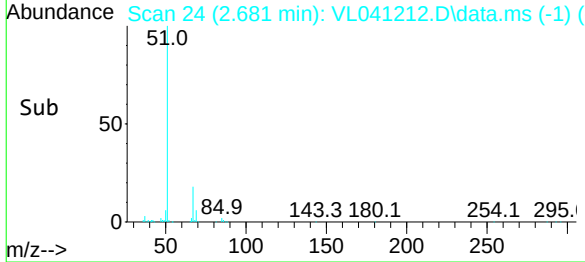
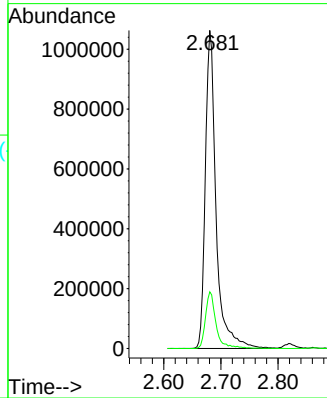
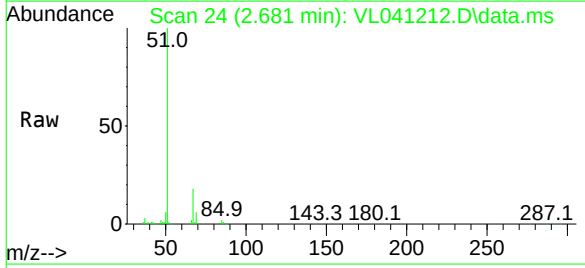
#3
Chlorodifluoromethane
Concen: 9.959 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 51 Resp: 1384426
Ion Ratio Lower Upper
51 100
67 17.6 14.0 21.0

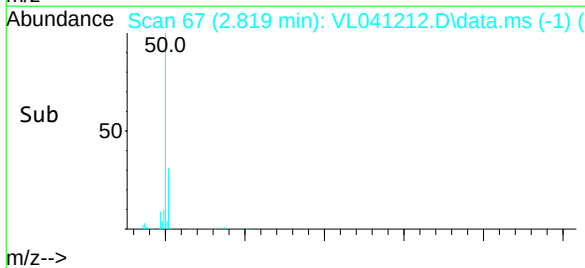
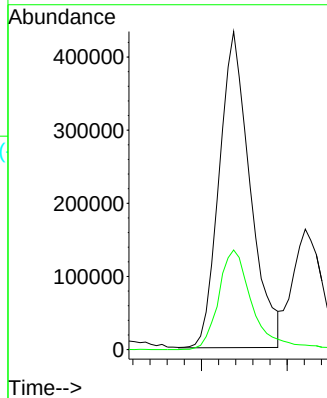
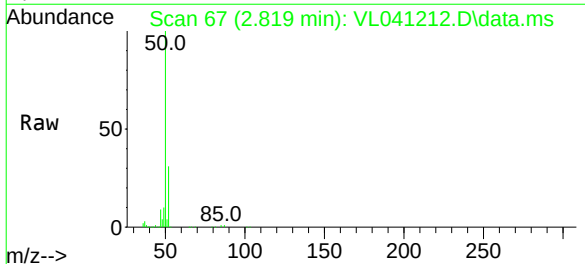
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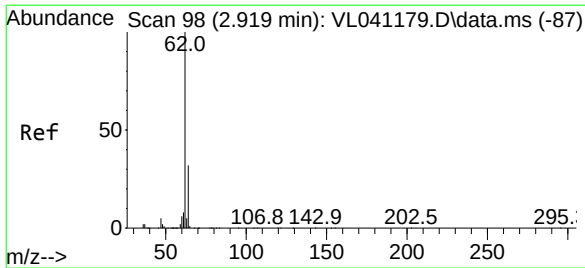
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#4
Chloromethane
Concen: 9.944 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 50 Resp: 542435
Ion Ratio Lower Upper
50 100
52 31.5 28.3 42.5





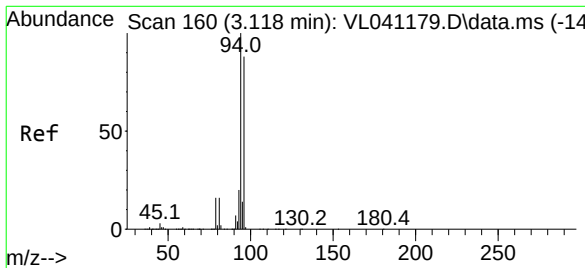
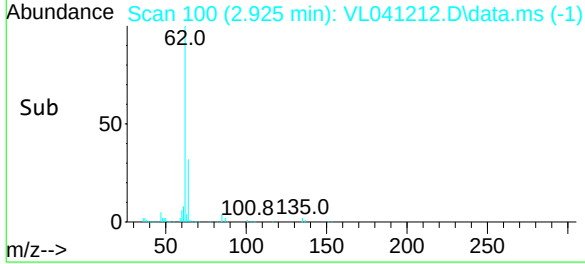
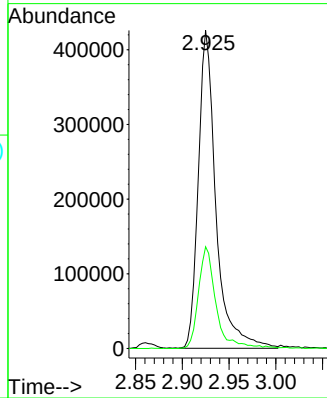
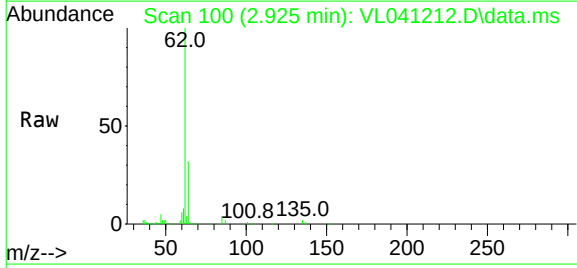
#5
Vinyl Chloride
Concen: 10.176 ppbv
RT: 2.925 min Scan# 10
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 62 Resp: 557651
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5

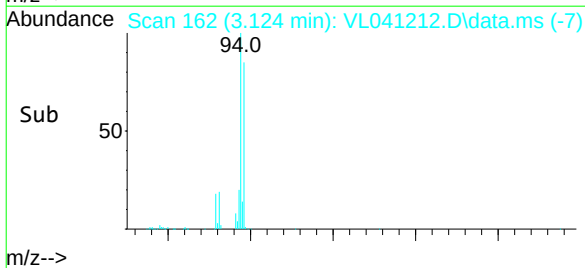
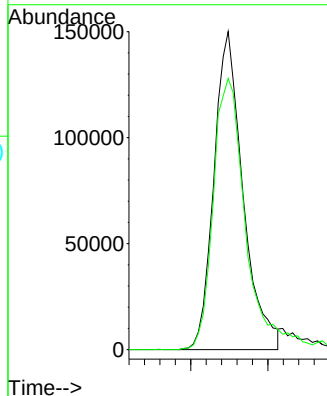
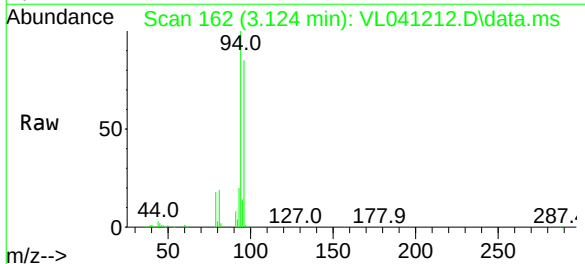
Manual Integrations
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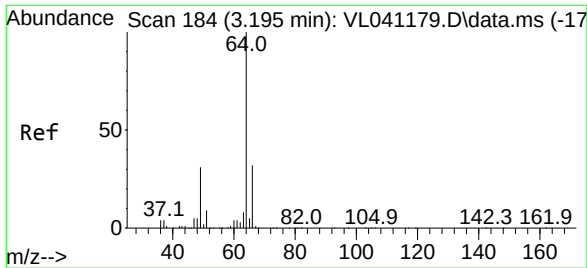
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#6
Bromomethane
Concen: 9.824 ppbv
RT: 3.124 min Scan# 162
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 94 Resp: 196411
Ion Ratio Lower Upper
94 100
96 85.2 70.1 105.1





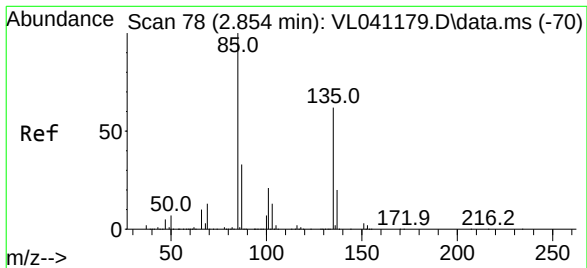
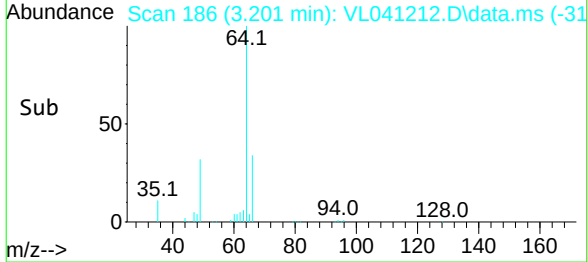
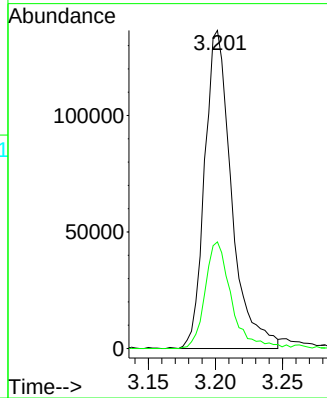
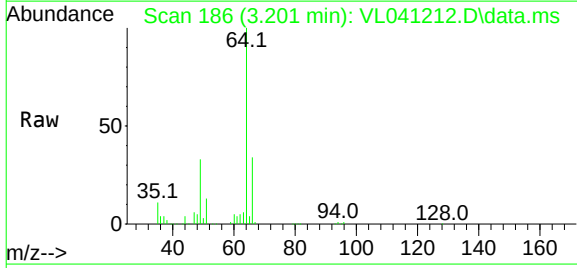
#7
Chloroethane
Concen: 9.847 ppbv
RT: 3.201 min Scan# 18
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 64 Resp: 190519
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2

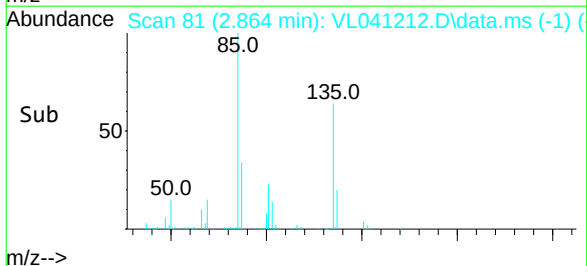
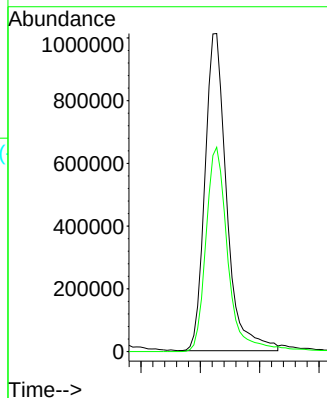
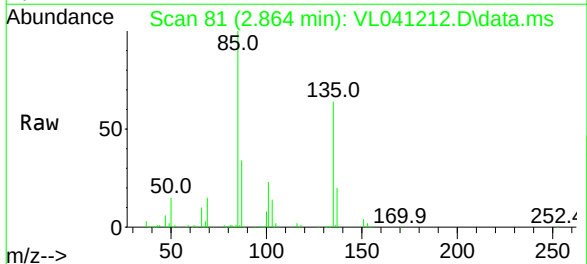
Manual Integrations
APPROVED

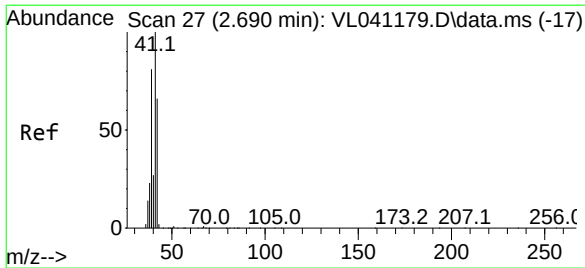
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#8
Dichlorotetrafluoroethane
Concen: 10.051 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 85 Resp: 1288077
Ion Ratio Lower Upper
85 100
135 66.0 51.5 77.3





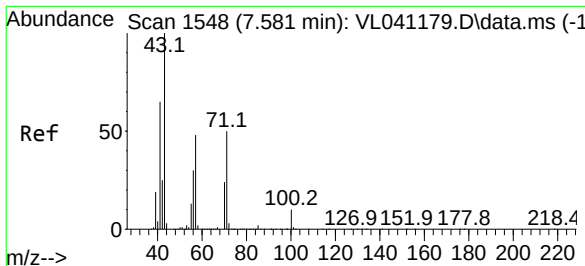
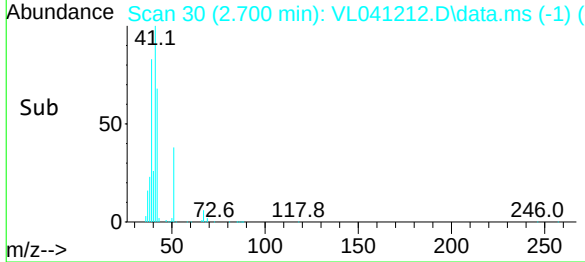
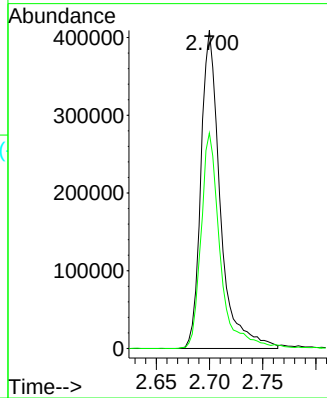
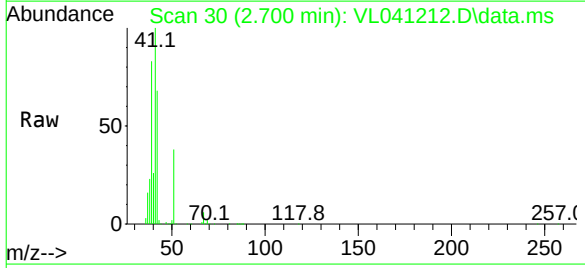
#9
Propene
Concen: 9.527 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 41 Resp: 518293
Ion Ratio Lower Upper
41 100
42 67.7 55.3 82.9

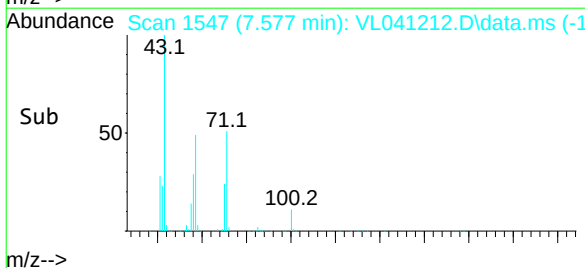
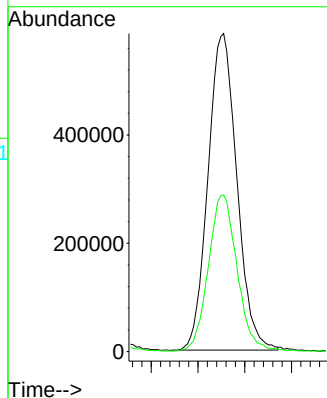
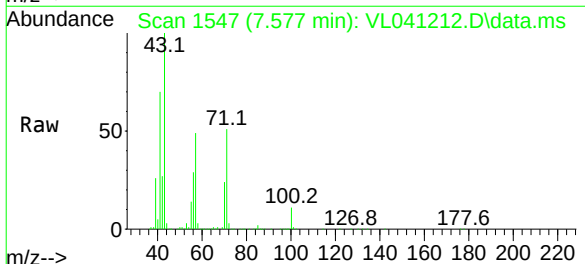
Manual Integrations
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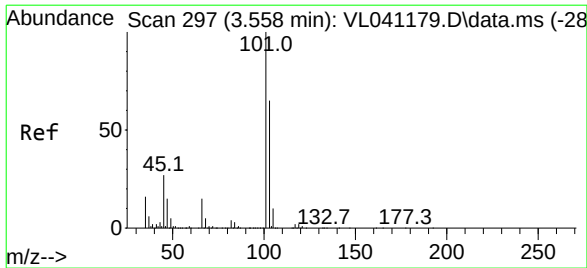
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#10
Heptane
Concen: 9.504 ppbv
RT: 7.577 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

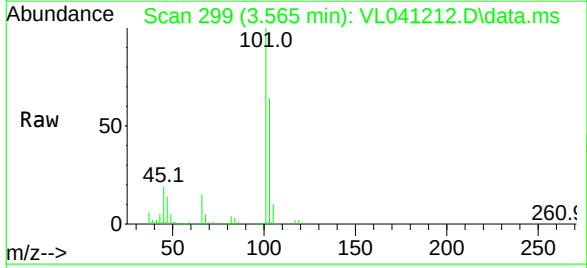
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Ion Ratio Lower Upper
43 100
57 50.0 38.7 58.1





#11
Trichlorofluoromethane
Concen: 10.761 ppbv
RT: 3.565 min Scan# 297
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

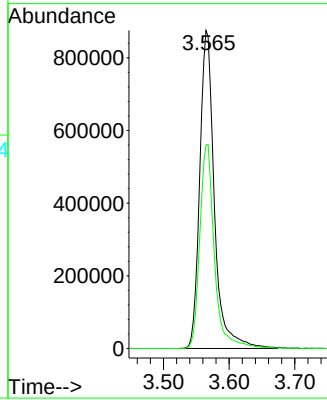
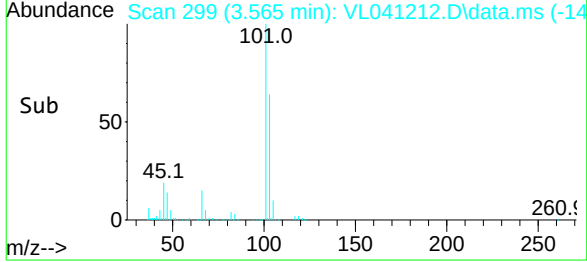
Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01



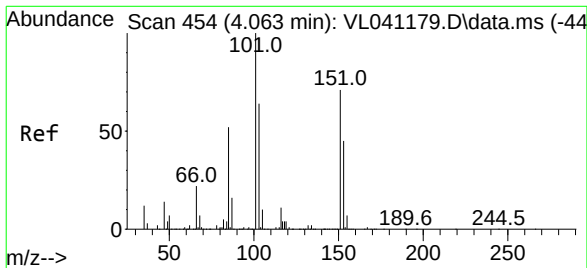
Tgt Ion:101 Resp: 1354000
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

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Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

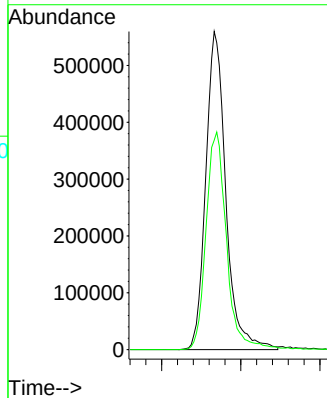
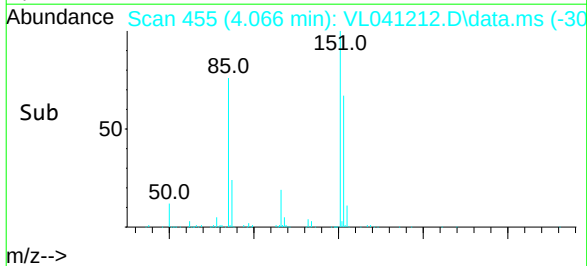
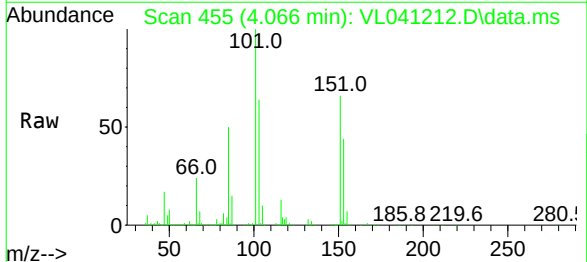


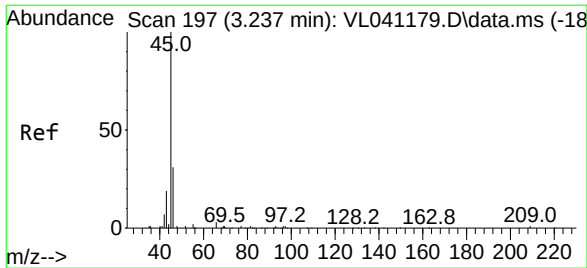
Supervised By :Mahesh
Dadoda
05/07/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.590 ppbv
RT: 4.066 min Scan# 455
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

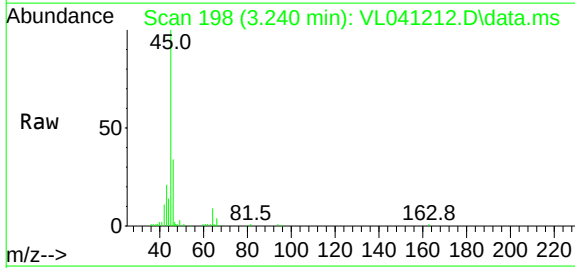
Tgt Ion:101 Resp: 985430
Ion Ratio Lower Upper
101 100
151 70.0 56.8 85.2





#13
Ethanol
Concen: 9.832 ppbv m
RT: 3.240 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

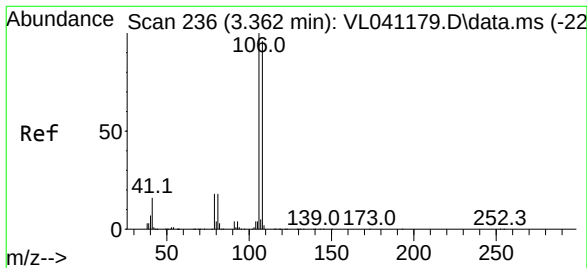
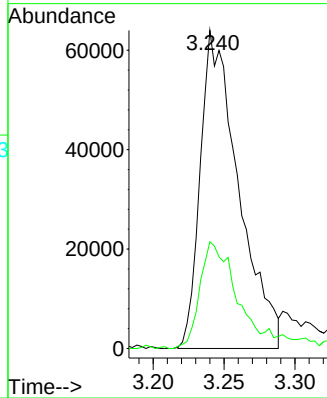


Tgt Ion: 45 Resp: 119899
Ion Ratio Lower Upper
45 100
46 36.8 14.8 59.0

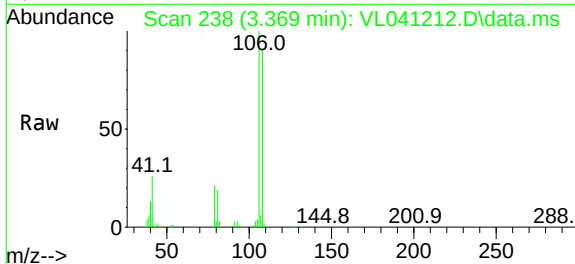
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Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

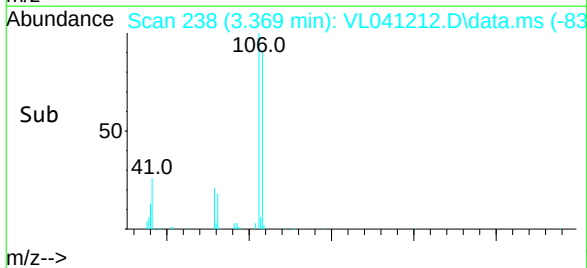
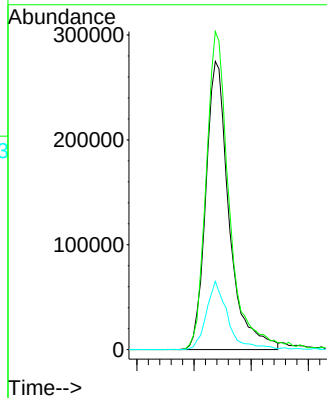
Supervised By :Mahesh
Dadoda
05/07/2024

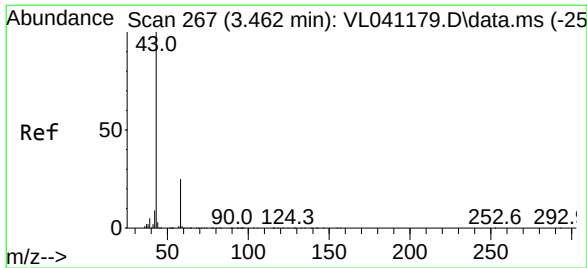


#14
Bromoethene
Concen: 10.160 ppbv
RT: 3.369 min Scan# 238
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02



Tgt Ion:108 Resp: 390153
Ion Ratio Lower Upper
108 100
106 111.6 88.2 132.4
79 22.3 17.4 26.0





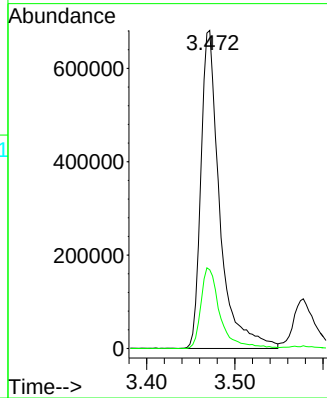
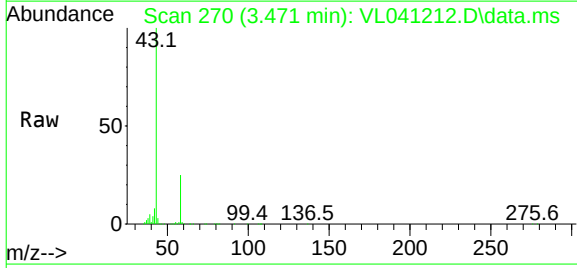
#15
Acetone
Concen: 9.378 ppbv
RT: 3.471 min Scan# 27
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

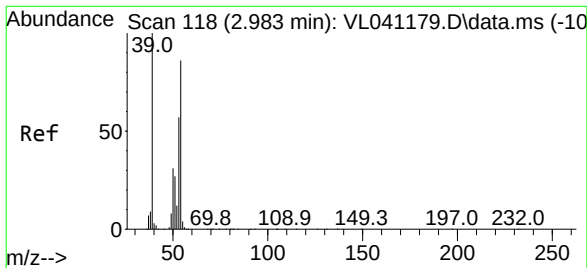
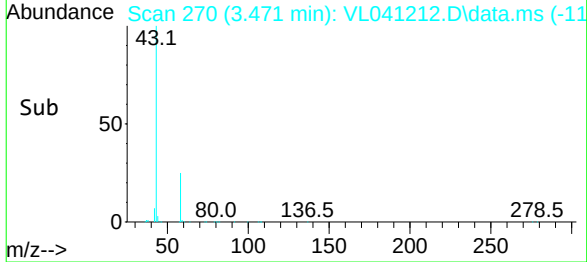
Tgt Ion: 43 Resp: 1013072
Ion Ratio Lower Upper
43 100
58 25.7 21.4 32.0

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Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

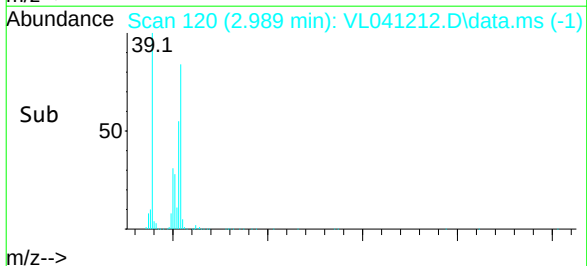
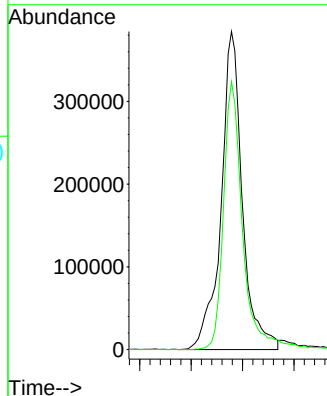
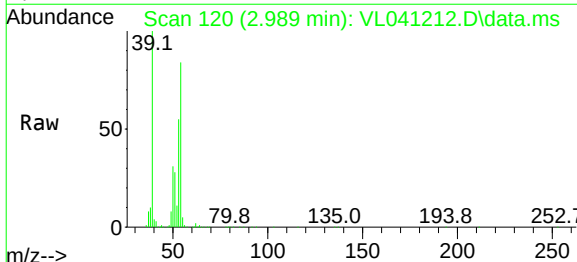


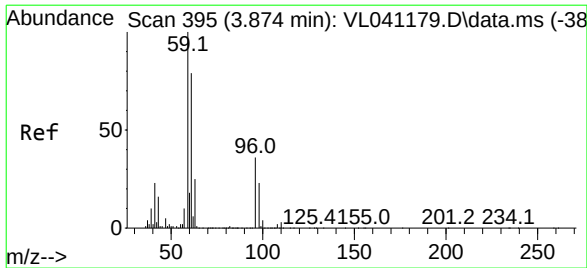
Supervised By :Mahesh
Dadoda
05/07/2024



#16
1,3-Butadiene
Concen: 10.121 ppbv
RT: 2.989 min Scan# 120
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 39 Resp: 551862
Ion Ratio Lower Upper
39 100
54 76.7 62.2 93.4





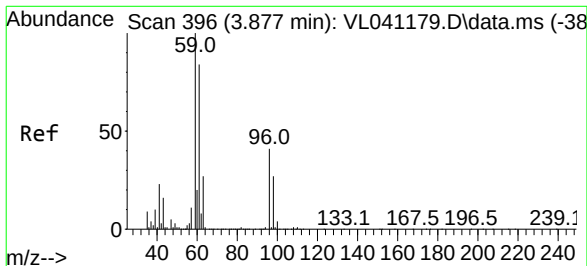
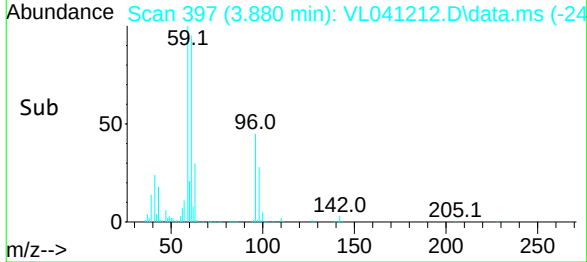
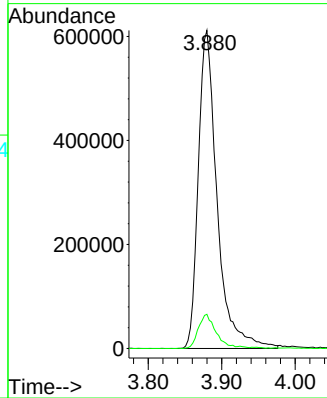
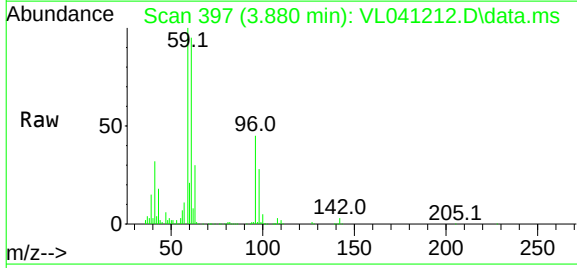
#17
tert-Butyl alcohol
Concen: 9.339 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 59 Resp: 1088278
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

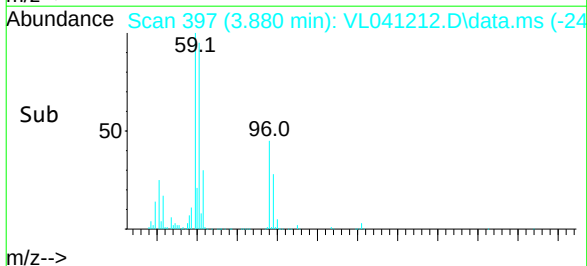
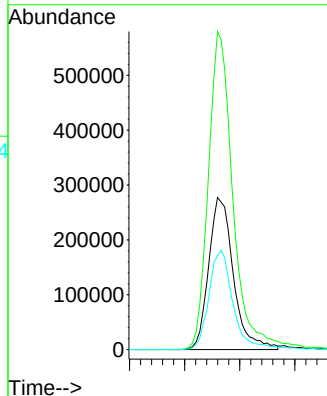
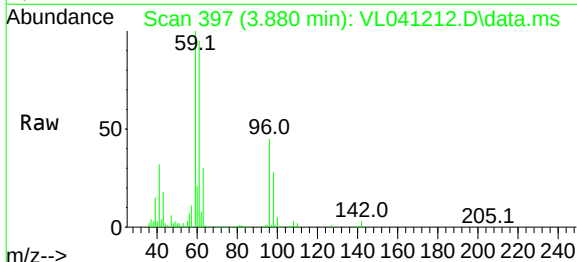
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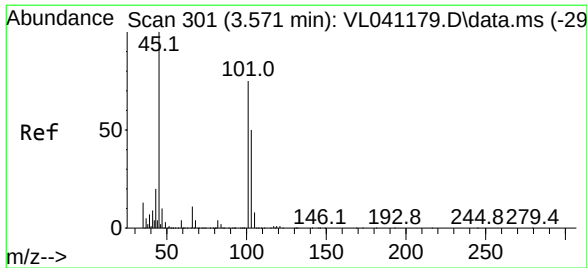
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#18
1,1-Dichloroethene
Concen: 10.434 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.006 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 96 Resp: 432883
Ion Ratio Lower Upper
96 100
61 208.7 164.4 246.6
98 61.5 51.8 77.8





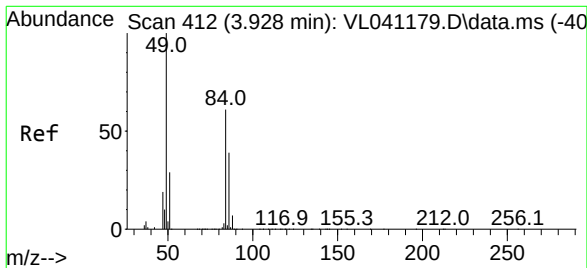
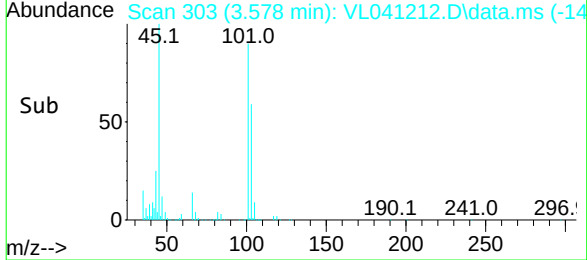
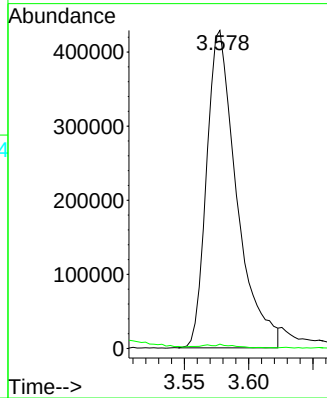
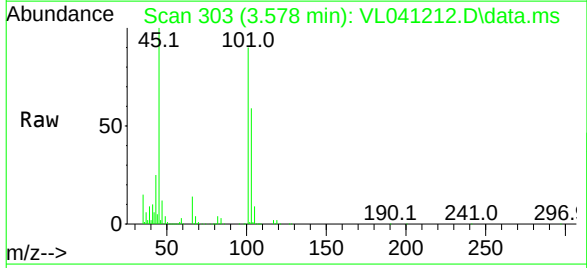
#19
Isopropyl Alcohol
Concen: 9.823 ppbv
RT: 3.578 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 45 Resp: 696253
Ion Ratio Lower Upper
45 100
58 1.1 26.8 40.2

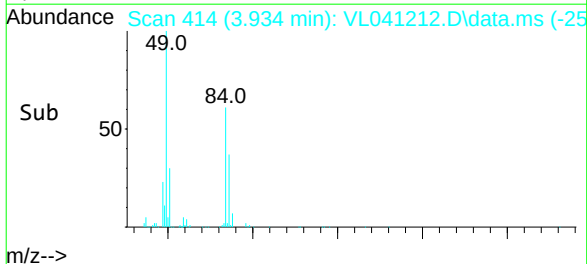
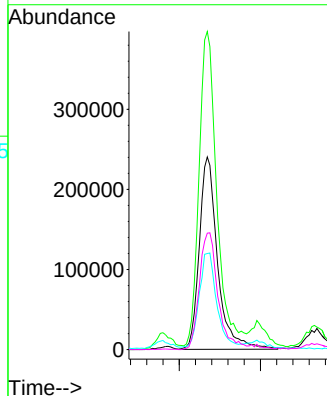
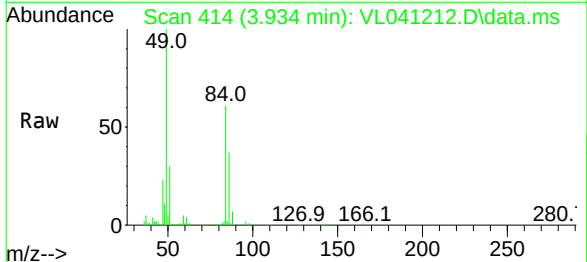
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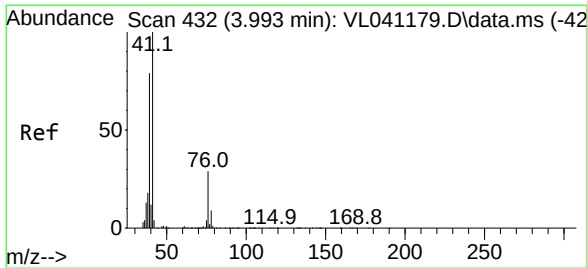
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#20
Methylene Chloride
Concen: 10.006 ppbv
RT: 3.934 min Scan# 414
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 84 Resp: 375880
Ion Ratio Lower Upper
84 100
49 163.2 130.4 195.6
51 48.8 38.0 57.0
86 60.6 50.3 75.5





#21
Allyl Chloride
Concen: 10.125 ppbv
RT: 3.996 min Scan# 43
Delta R.T. -0.006 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

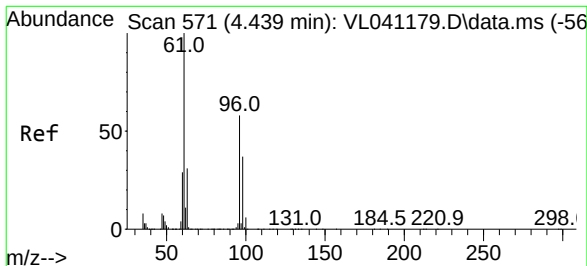
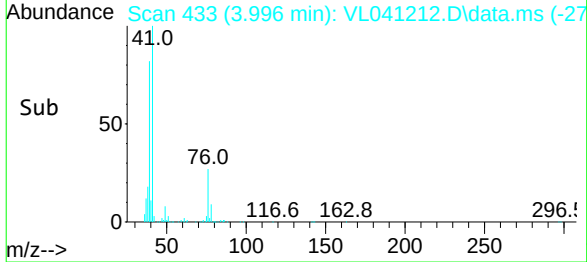
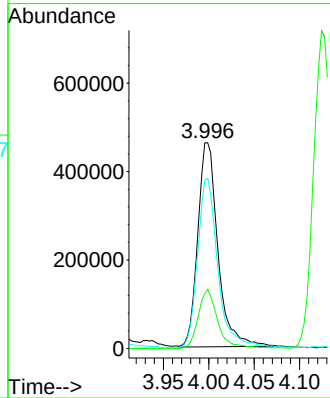
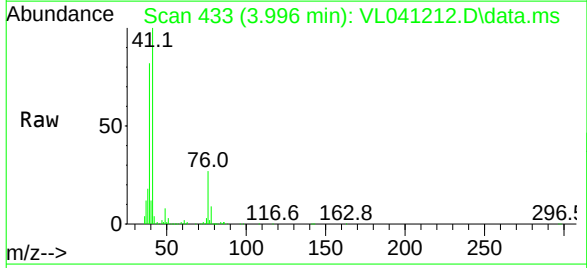
Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion:	41	Resp:	713160
Ion	Ratio	Lower	Upper
41	100		
76	28.2	23.7	35.5
39	84.1	64.7	97.1

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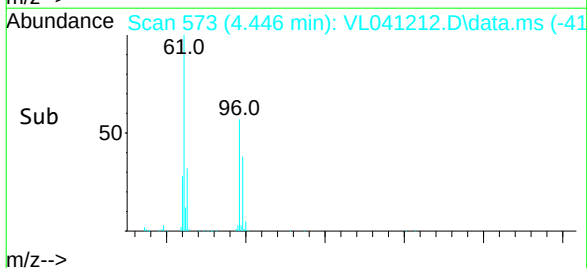
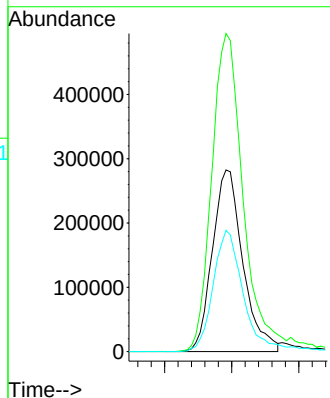
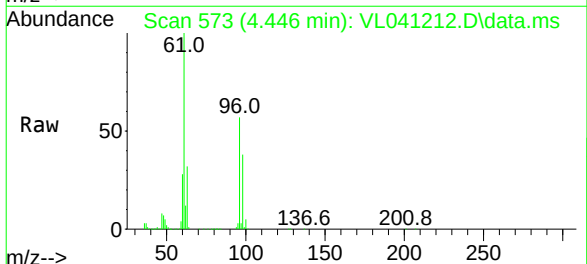
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

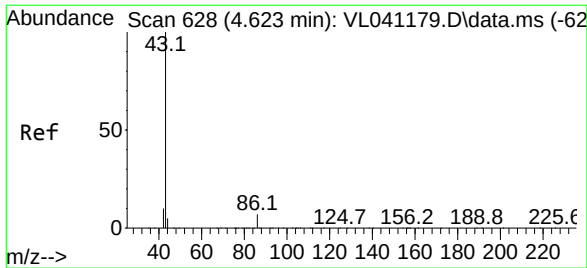
Supervised By :Mahesh
Dadoda
05/07/2024



#22
trans-1,2-Dichloroethene
Concen: 10.312 ppbv
RT: 4.446 min Scan# 573
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

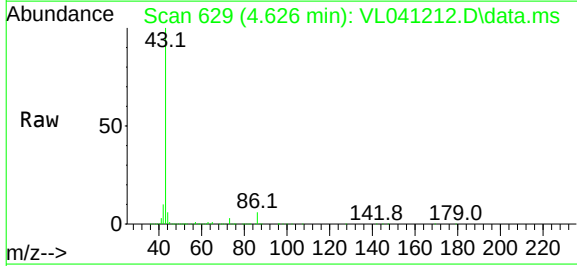
Tgt Ion:	96	Resp:	444943
Ion	Ratio	Lower	Upper
96	100		
61	174.9	137.6	206.4
98	66.7	50.6	76.0





#23
 Vinyl Acetate
 Concen: 10.258 ppbv
 RT: 4.626 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VL041212.D
 Acq: 6 May 2024 11:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0506ABS01



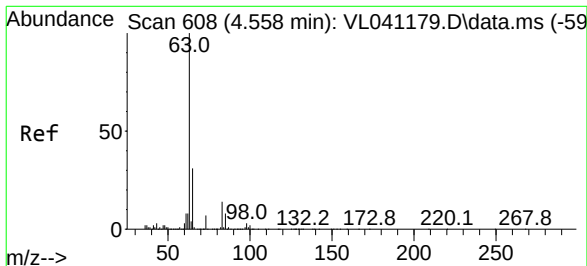
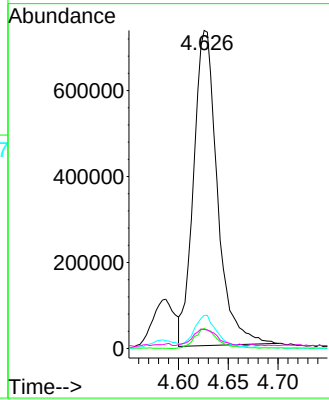
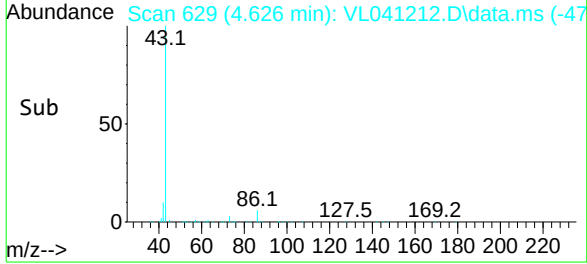
Tgt Ion: 43 Resp: 1220148

Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.9	7.3
42	10.4	8.0	12.0
44	5.1	3.7	5.5

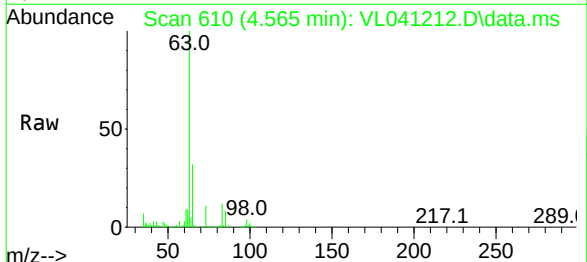
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 Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh
 Dadoda
 05/07/2024

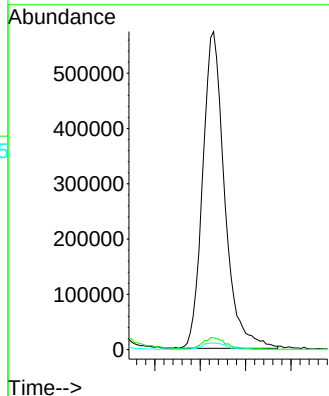
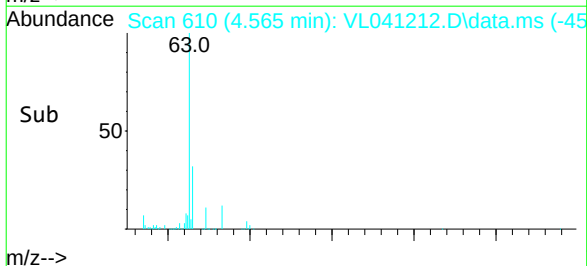


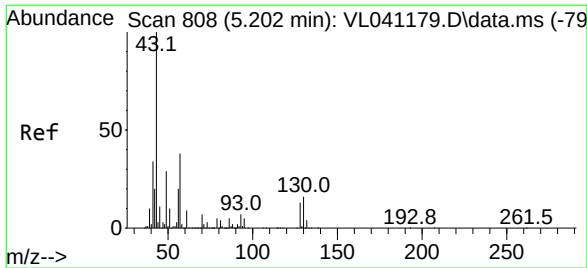
#24
 1,1-Dichloroethane
 Concen: 10.409 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL041212.D
 Acq: 6 May 2024 11:02



Tgt Ion: 63 Resp: 962799

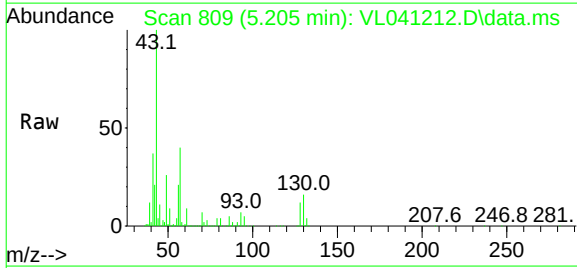
Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.6	4.8
100	2.1	1.1	3.5





#25
Ethyl Acetate
Concen: 9.573 ppbv
RT: 5.205 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

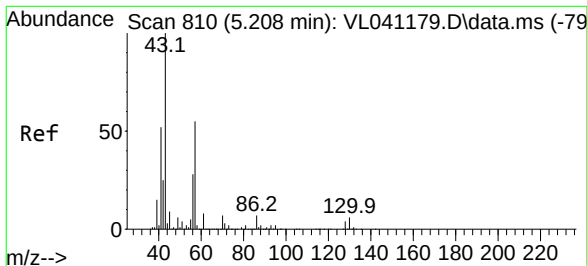
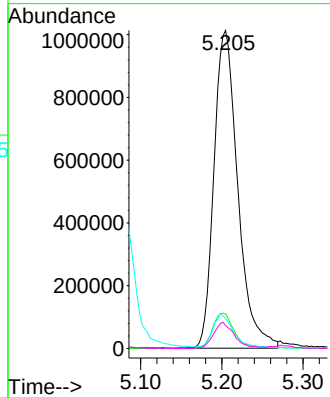
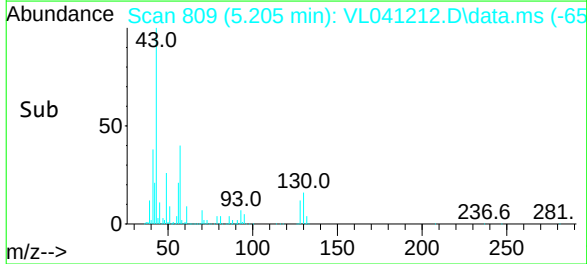


Tgt Ion: 43 Resp: 2064157
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.2
61 10.1 7.7 11.5
70 7.3 5.8 8.6

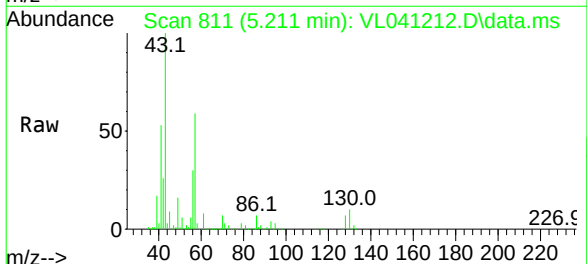
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

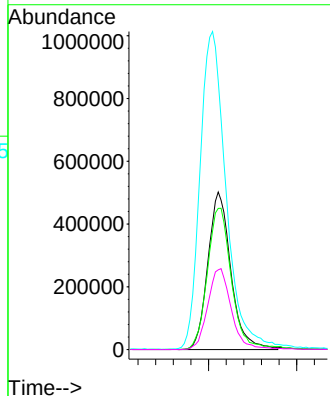
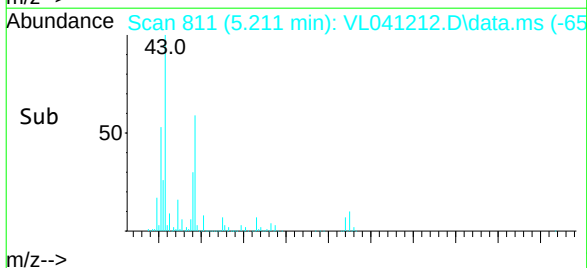
Supervised By :Mahesh
Dadoda
05/07/2024

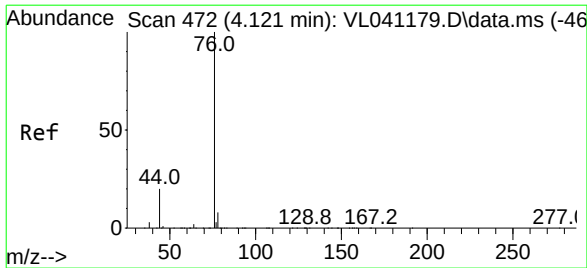


#26
Hexane
Concen: 9.464 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02



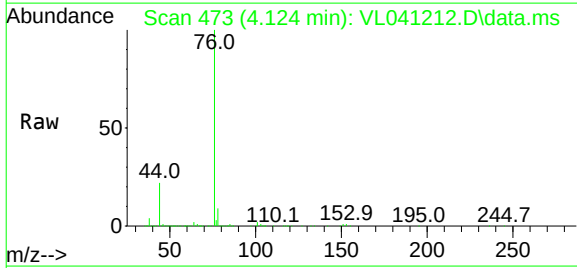
Tgt Ion: 57 Resp: 910590
Ion Ratio Lower Upper
57 100
41 94.4 75.8 113.8
43 231.2 187.0 280.4
56 52.9 42.7 64.1





#27
Carbon Disulfide
Concen: 10.294 ppbv
RT: 4.124 min Scan# 472
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

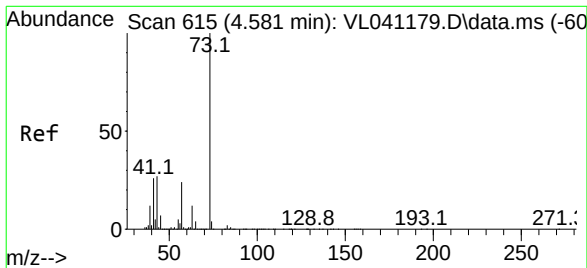
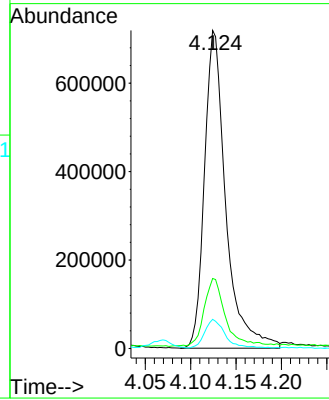
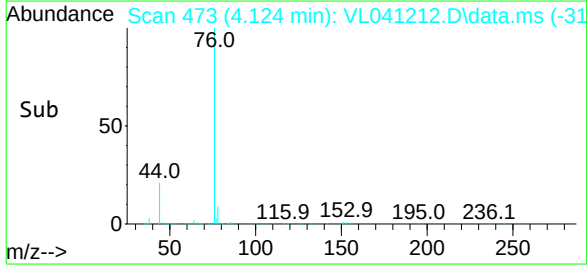


Tgt Ion: 76 Resp: 1172499
Ion Ratio Lower Upper
76 100
44 21.8 16.3 24.5
78 9.4 7.3 10.9

Manual Integrations
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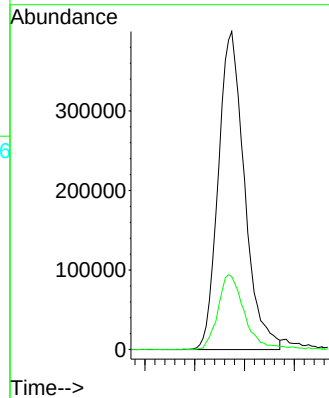
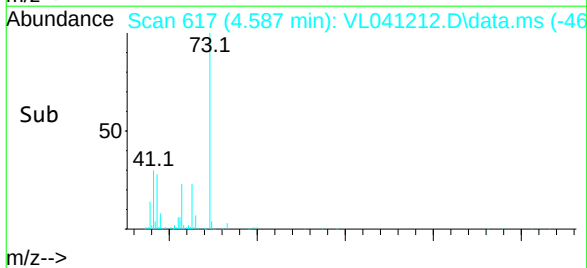
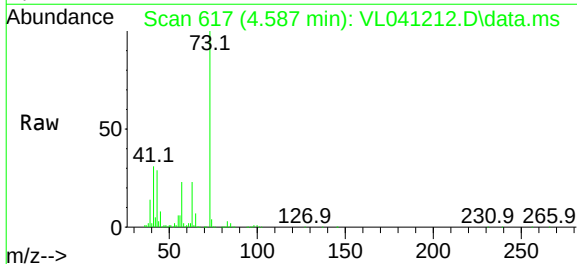
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

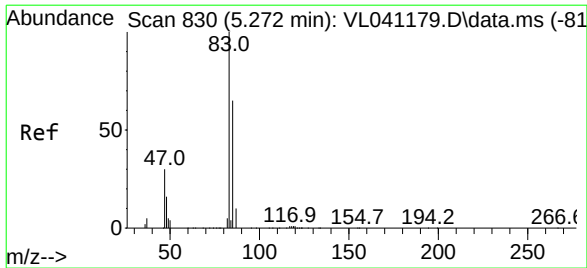
Supervised By :Mahesh
Dadoda
05/07/2024



#28
Methyl tert-Butyl Ether
Concen: 9.528 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 73 Resp: 729961
Ion Ratio Lower Upper
73 100
57 24.3 18.8 28.2





#29

Chloroform

Concen: 10.207 ppbv

RT: 5.272 min Scan# 83

Delta R.T. -0.006 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABS01

Tgt Ion: 83 Resp: 1354900

Ion Ratio Lower Upper

83 100

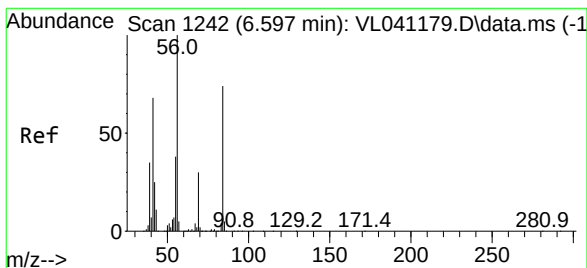
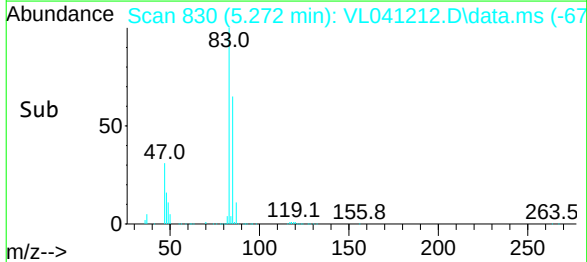
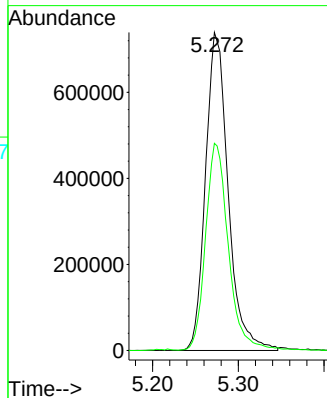
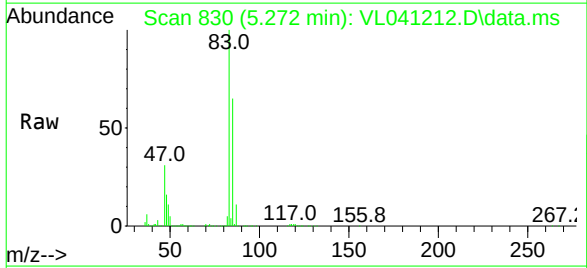
85 65.0 51.7 77.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#30

Cyclohexane

Concen: 10.033 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

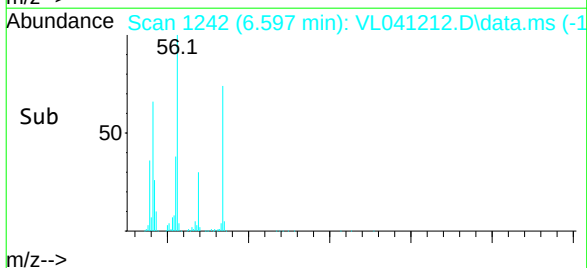
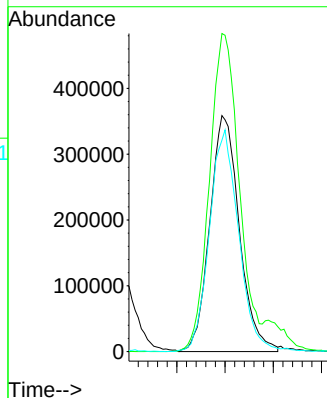
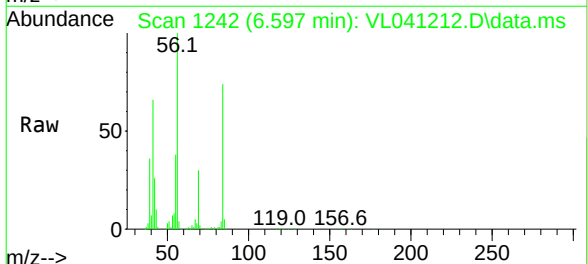
Tgt Ion: 84 Resp: 764178

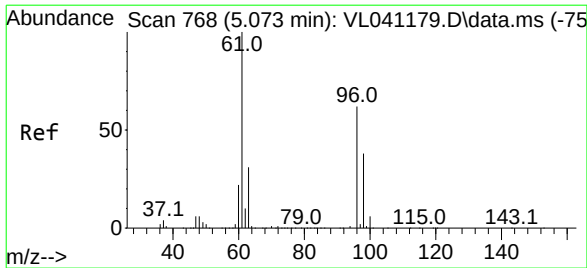
Ion Ratio Lower Upper

84 100

56 144.8 116.8 175.2

41 93.2 73.8 110.8





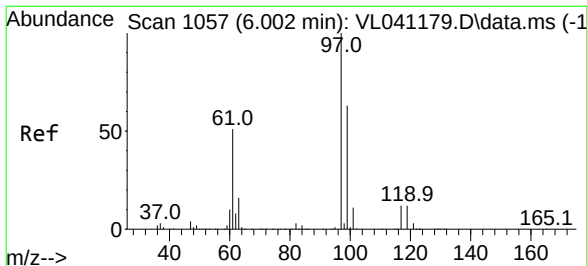
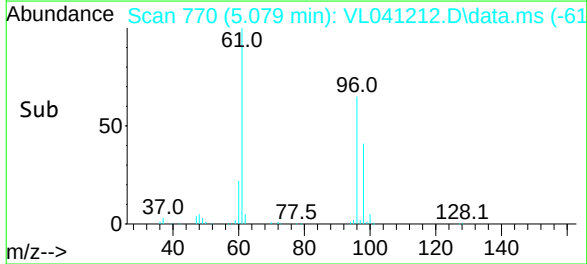
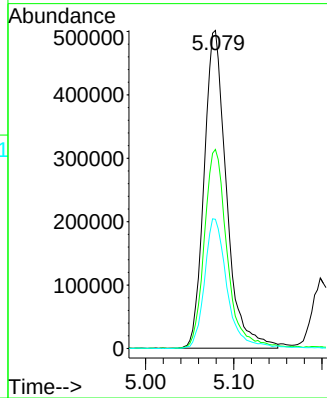
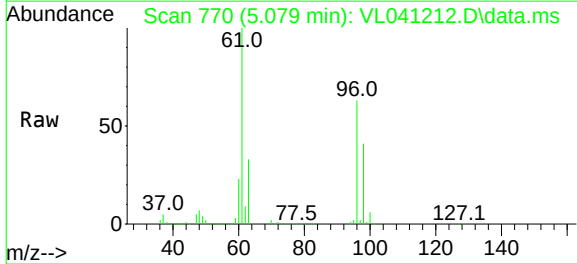
#31
cis-1,2-Dichloroethene
Concen: 9.818 ppbv
RT: 5.079 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 61 Resp: 884410
Ion Ratio Lower Upper
61 100
96 62.6 49.8 74.6
98 40.6 30.0 45.0

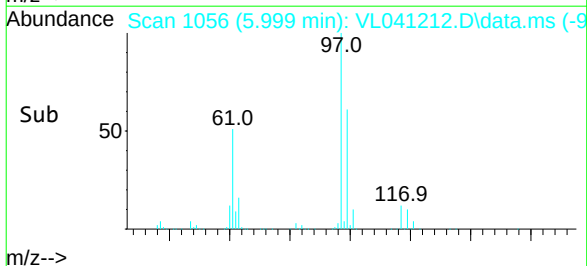
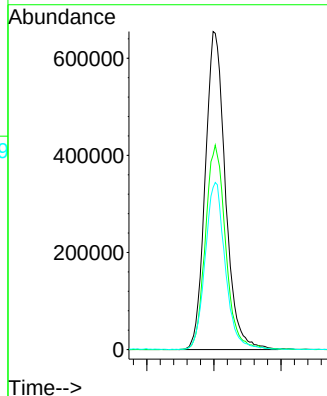
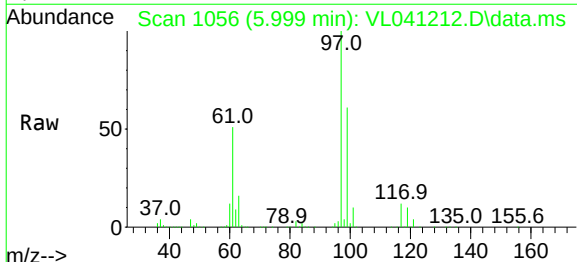
Manual Integrations
APPROVED

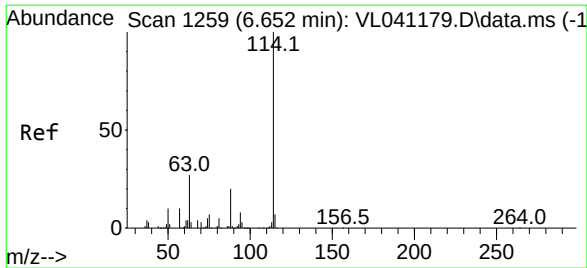
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#32
1,1,1-Trichloroethane
Concen: 10.325 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

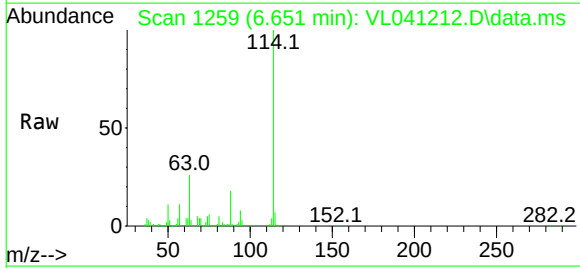
Tgt Ion: 97 Resp: 1367421
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 52.7 41.1 61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

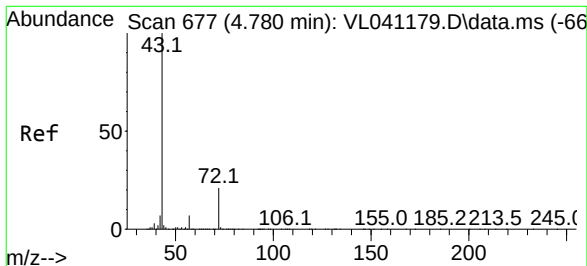
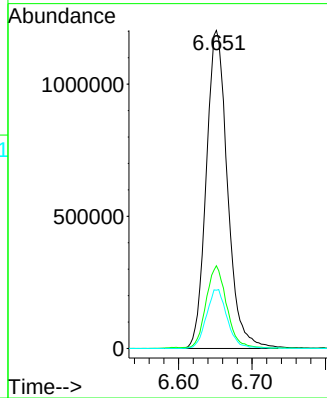
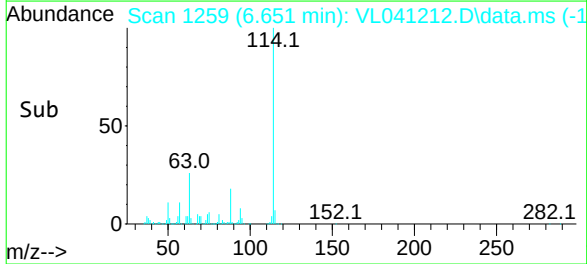


Tgt Ion:114 Resp: 2421700
Ion Ratio Lower Upper
114 100
63 25.9 21.8 32.6
88 18.3 15.2 22.8

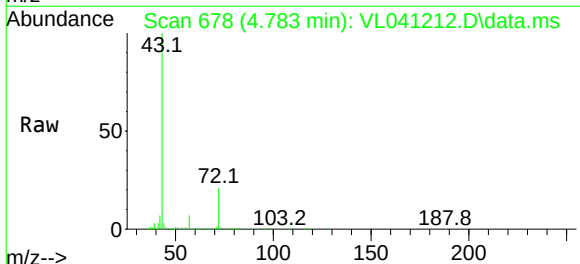
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

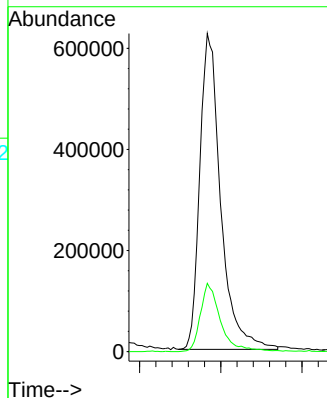
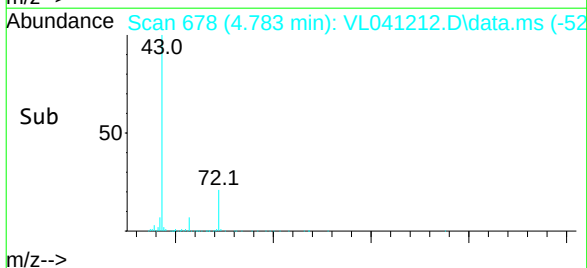
Supervised By :Mahesh
Dadoda
05/07/2024

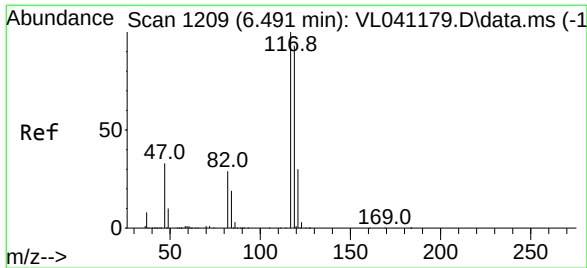


#34
2-Butanone
Concen: 9.060 ppbv
RT: 4.783 min Scan# 678
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02



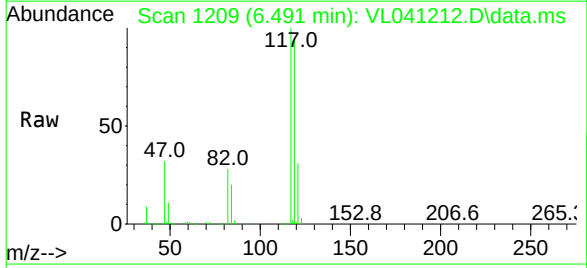
Tgt Ion: 43 Resp: 1116770
Ion Ratio Lower Upper
43 100
72 21.0 17.3 25.9





#35
Carbon Tetrachloride
Concen: 10.132 ppbv
RT: 6.491 min Scan# 1209
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

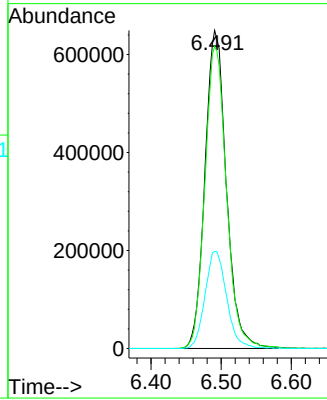
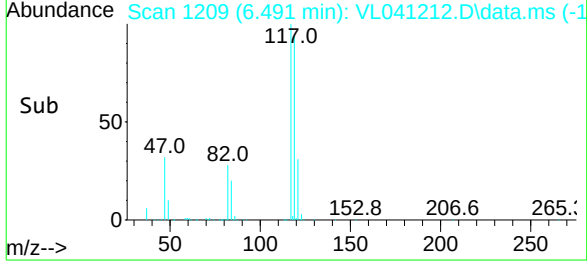
Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01



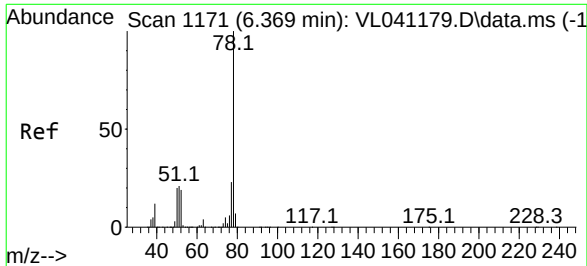
Tgt Ion:117 Resp: 1377025
Ion Ratio Lower Upper
117 100
119 94.9 74.3 111.5
121 30.6 23.8 35.8

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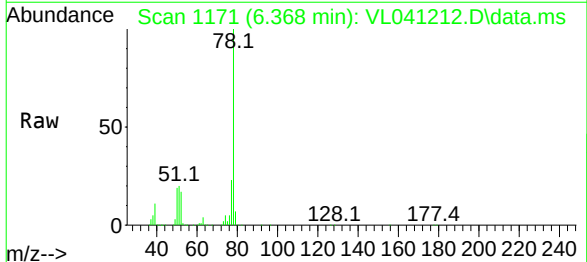
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



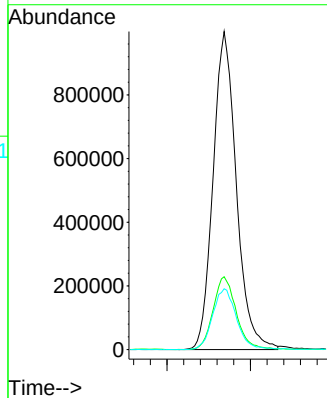
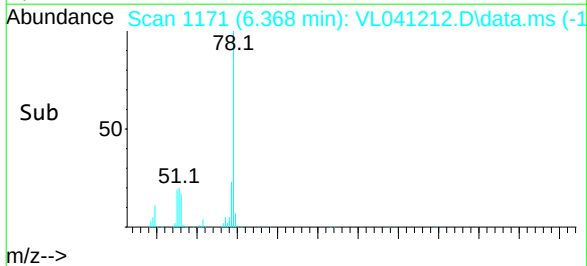
Supervised By :Mahesh
Dadoda
05/07/2024

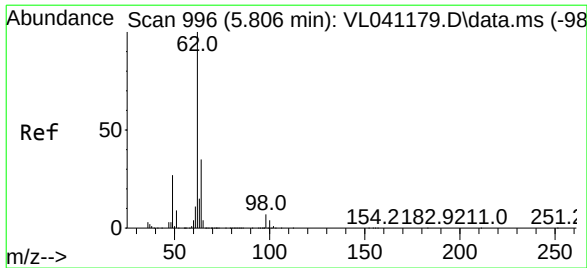


#36
Benzene
Concen: 9.520 ppbv
RT: 6.368 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02



Tgt Ion: 78 Resp: 1934803
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5
50 19.1 15.9 23.9





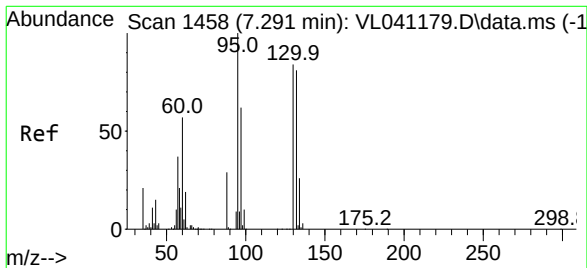
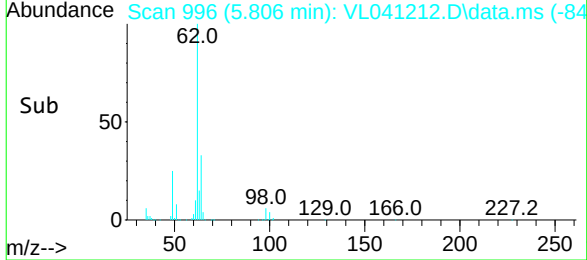
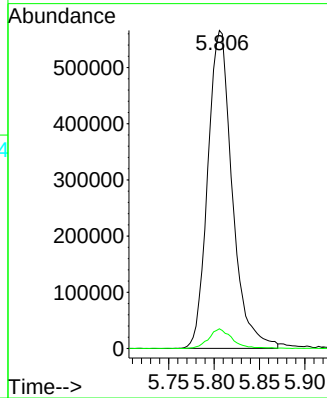
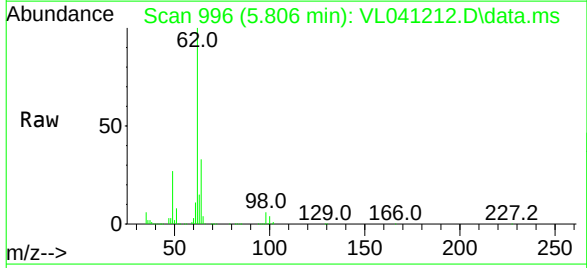
#37
1,2-Dichloroethane
Concen: 10.019 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 62 Resp: 1062397
Ion Ratio Lower Upper
62 100
98 6.0 5.0 7.4

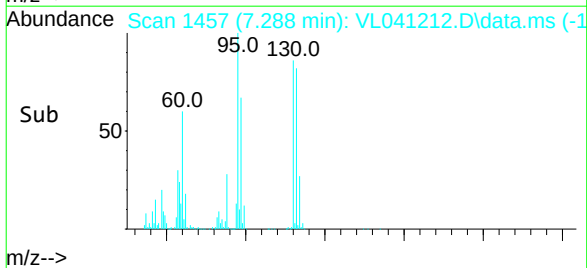
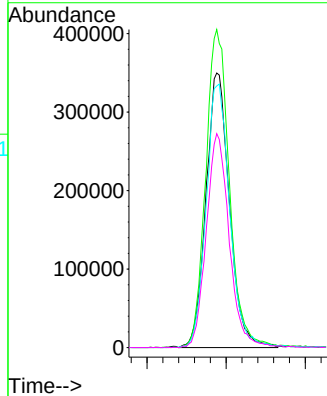
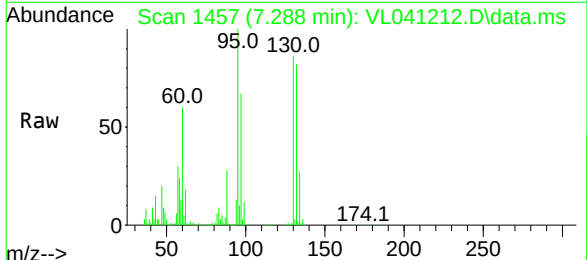
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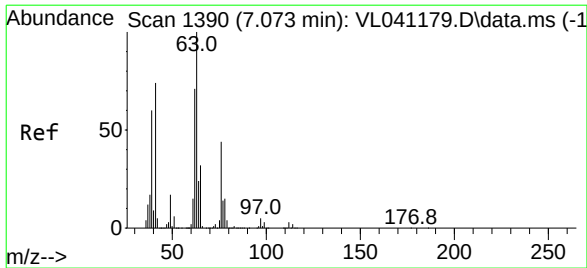
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#38
Trichloroethene
Concen: 9.541 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion:130 Resp: 722572
Ion Ratio Lower Upper
130 100
95 115.8 95.0 142.6
132 95.1 77.0 115.4
97 77.9 59.1 88.7





#39
1,2-Dichloropropane
Concen: 9.616 ppbv
RT: 7.069 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

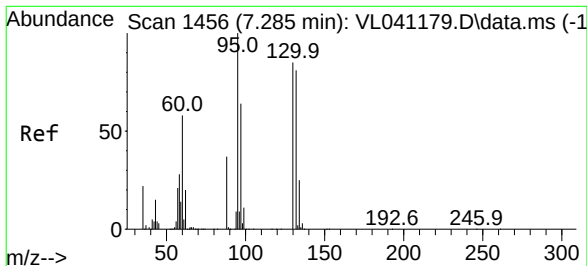
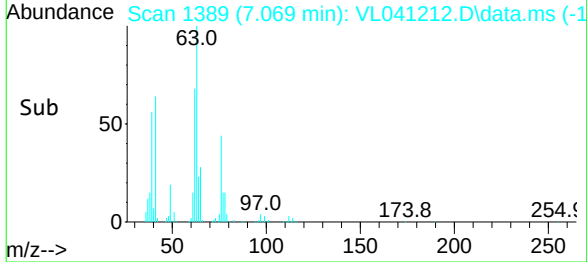
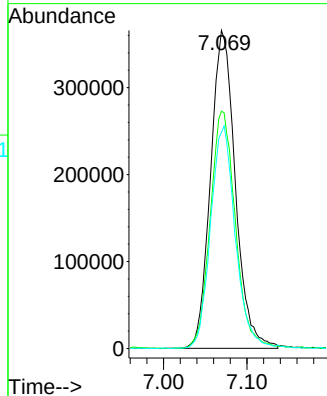
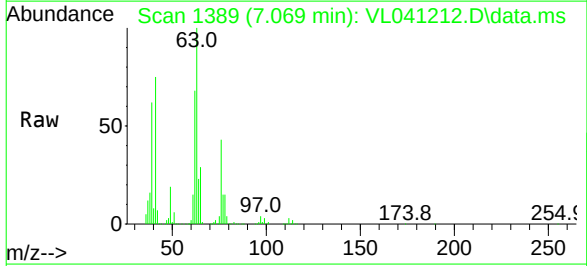
Instrument : MSVOA_L
ClientSampleId : VL0506ABS01

Tgt Ion:	63	Resp:	753157
Ion	Ratio	Lower	Upper
63	100		
41	74.6	59.4	89.0
62	67.8	56.8	85.2

Manual Integrations
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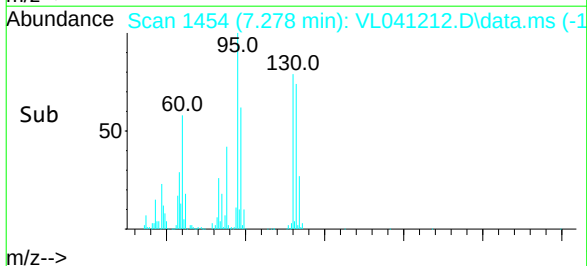
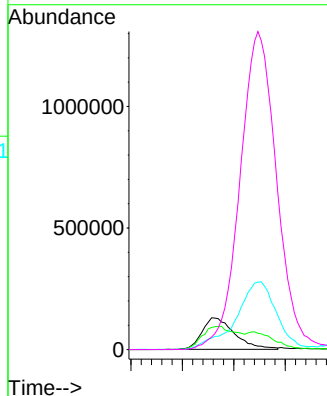
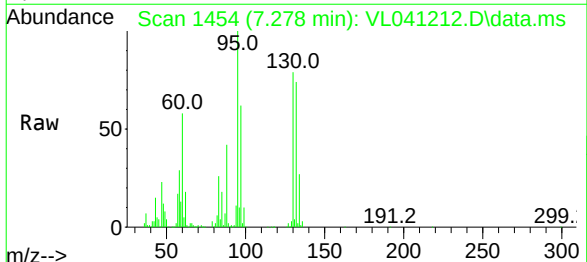
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

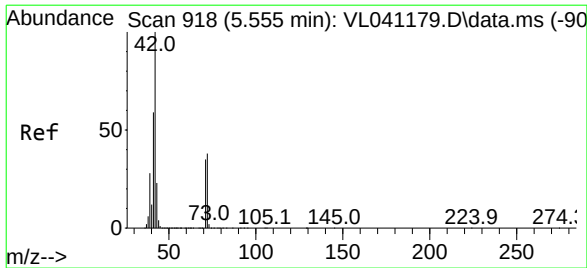
Supervised By :Mahesh
Dadoda
05/07/2024



#40
1,4-Dioxane
Concen: 10.180 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion:	88	Resp:	284836
Ion	Ratio	Lower	Upper
88	100		
58	129.6	106.1	159.1
43	269.5	219.8	329.6
57	1146.5	936.0	1404.0





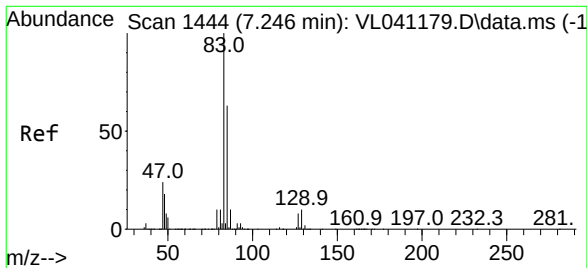
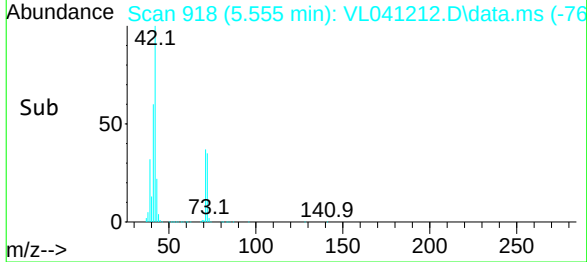
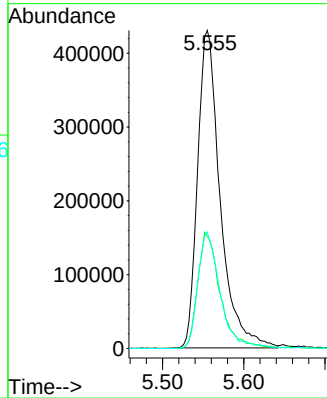
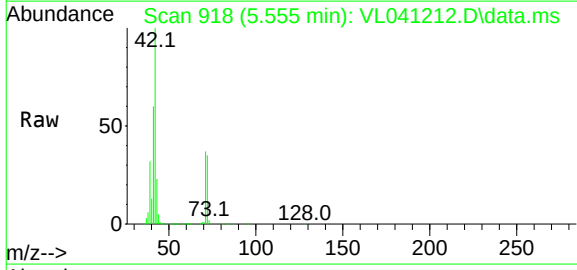
#41
Tetrahydrofuran
Concen: 9.319 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	36.4	29.4	44.0
71	36.3	29.1	43.7

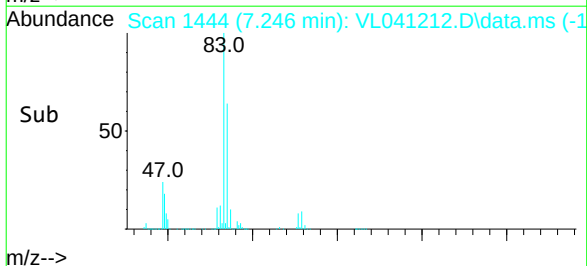
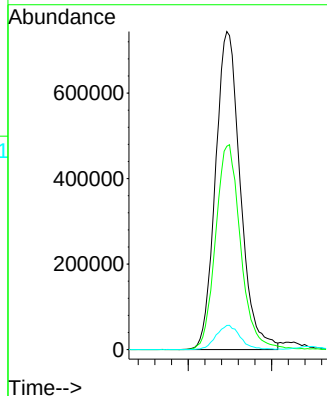
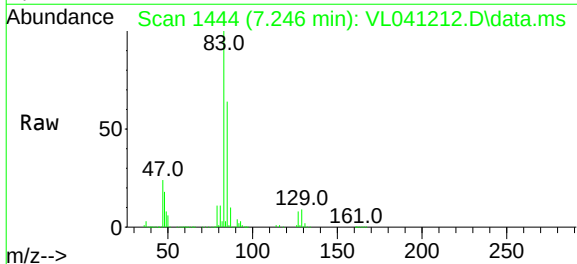
Manual Integrations
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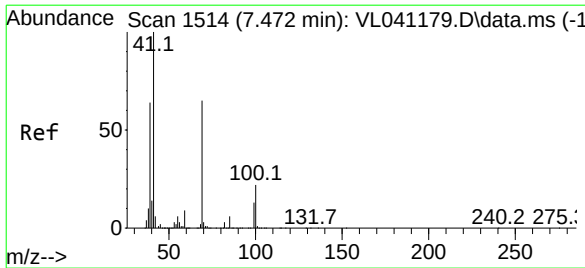
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#42
Bromodichloromethane
Concen: 10.131 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	75.8
127	7.6	6.2	9.4





#43
Methyl Methacrylate
Concen: 9.585 ppbv
RT: 7.468 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

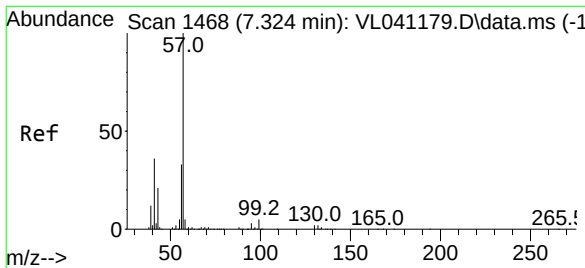
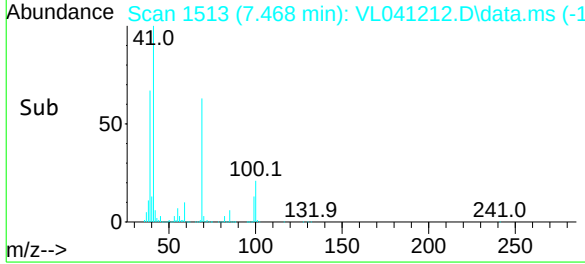
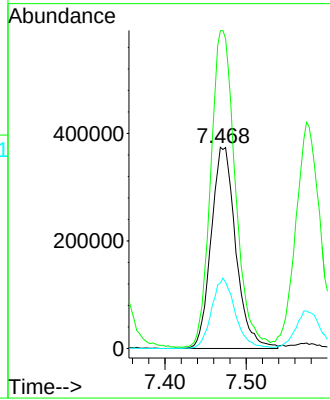
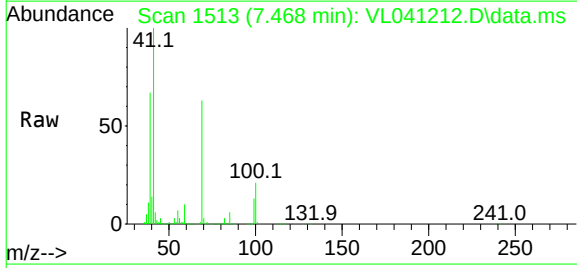
Instrument : MSVOA_L
ClientSampleId : VL0506ABS01

Tgt Ion: 69 Resp: 787871
Ion Ratio Lower Upper
69 100
41 158.9 125.2 187.8
100 33.5 26.7 40.1

Manual Integrations
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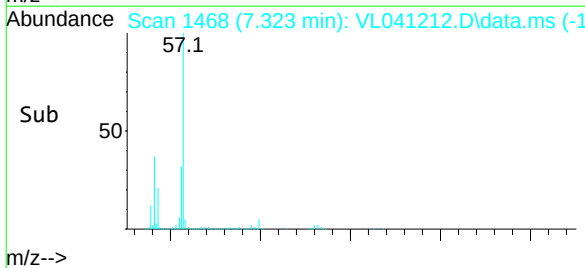
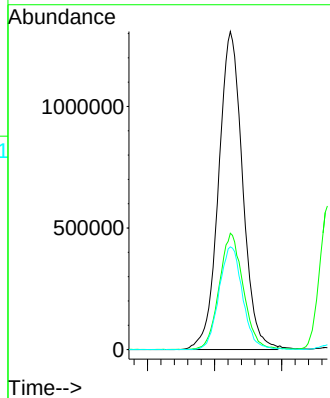
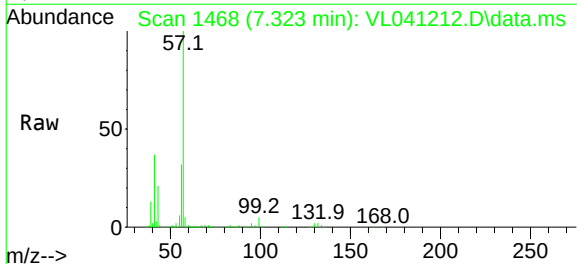
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

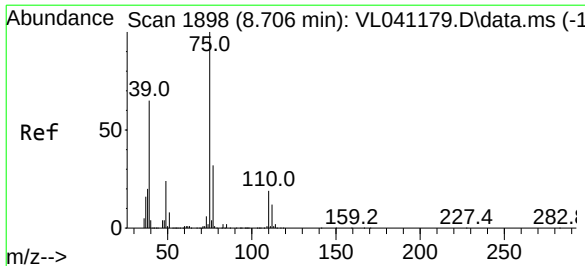
Supervised By :Mahesh
Dadoda
05/07/2024



#44
2,2,4-Trimethylpentane
Concen: 9.272 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 57 Resp: 3248970
Ion Ratio Lower Upper
57 100
41 36.7 29.5 44.3
56 31.9 25.3 37.9





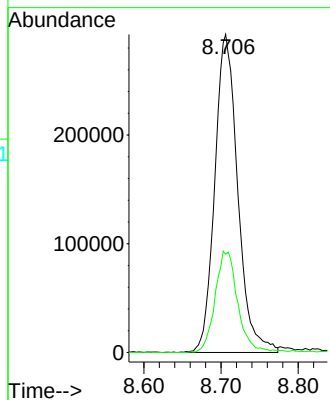
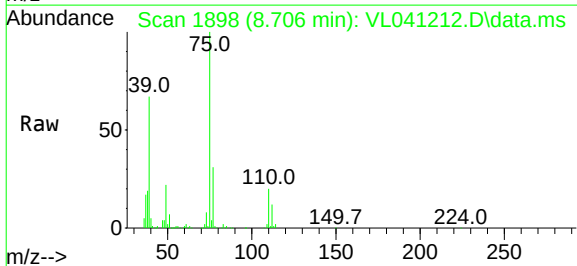
#45
t-1,3-Dichloropropene
Concen: 10.162 ppbv
RT: 8.706 min Scan# 1898
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument : MSVOA_L
ClientSampleId : VL0506ABS01

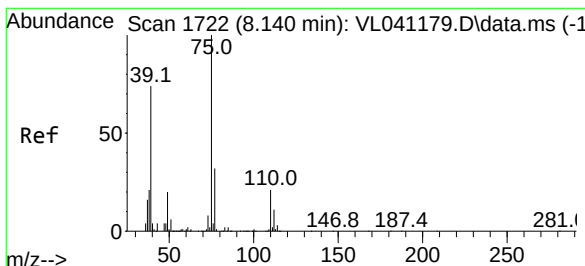
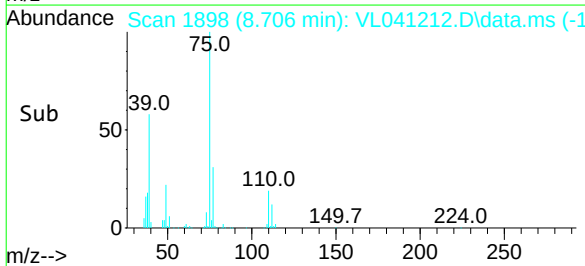
Tgt Ion: 75 Resp: 605299
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

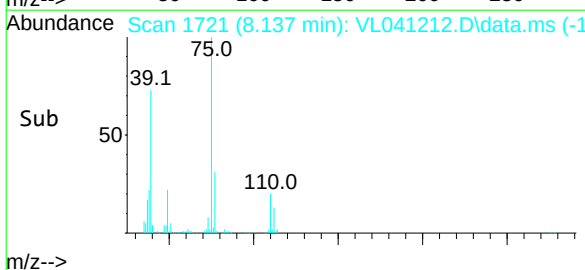
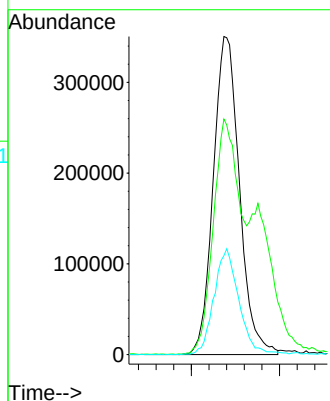
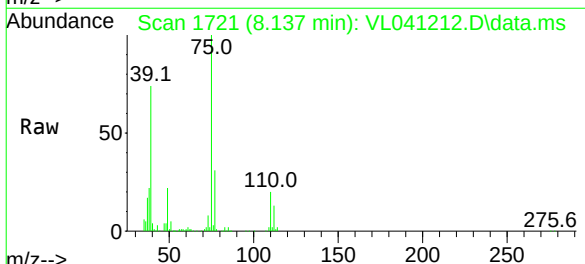


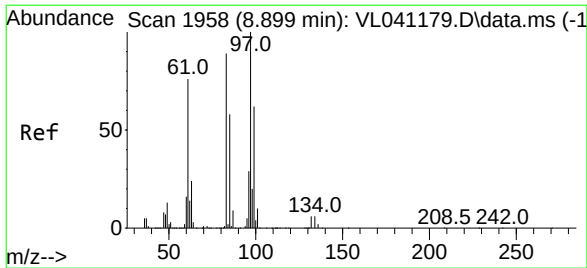
Supervised By :Mahesh
Dadoda
05/07/2024



#46
cis-1,3-Dichloropropene
Concen: 9.888 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 75 Resp: 721071
Ion Ratio Lower Upper
75 100
39 73.8 59.4 89.2
77 31.1 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 9.992 ppbv
RT: 8.896 min Scan# 1958
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

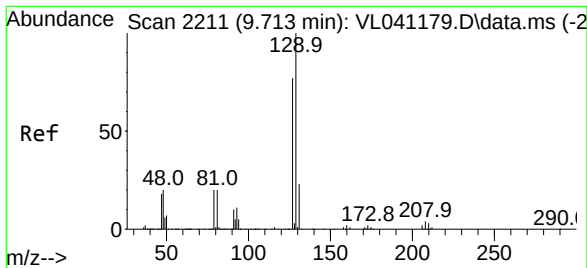
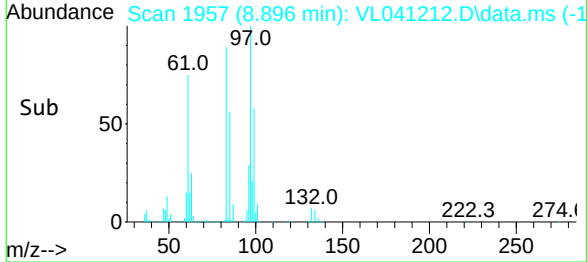
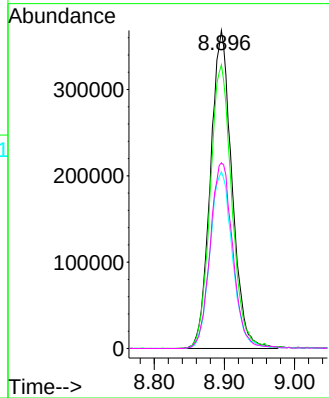
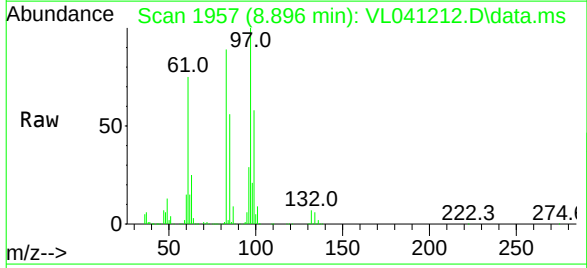
Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion:	97	Resp:	783313
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.2	106.8
85	55.5	46.0	69.0
99	58.4	49.7	74.5

Manual Integrations APPROVED

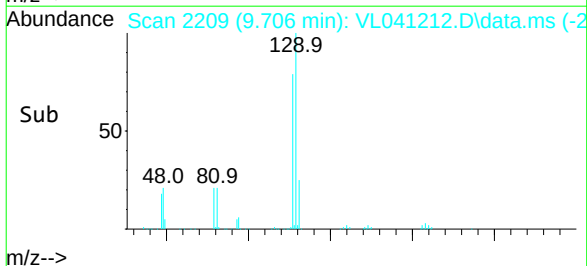
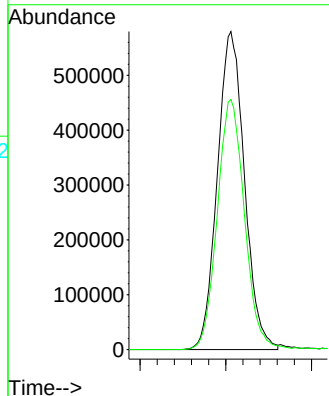
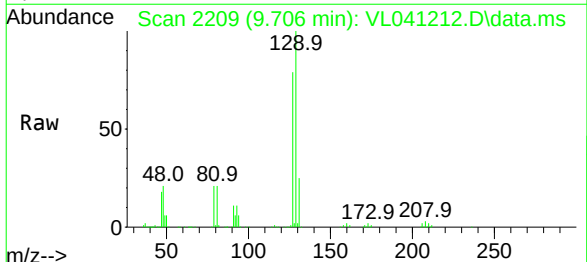
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

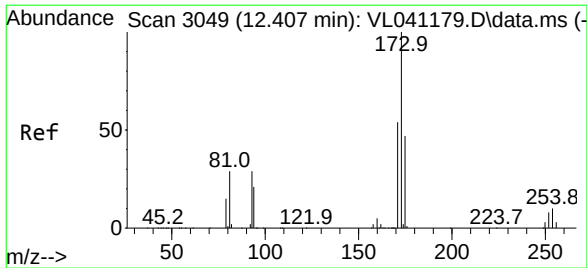
Supervised By :Mahesh
Dadoda
05/07/2024



#48
Dibromochloromethane
Concen: 10.200 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion:	129	Resp:	1274076
Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.1	117.5





#49

Bromoform

Concen: 10.254 ppbv

RT: 12.404 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

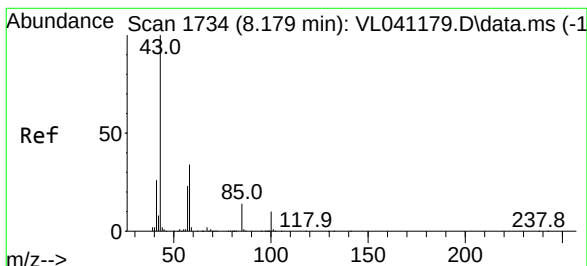
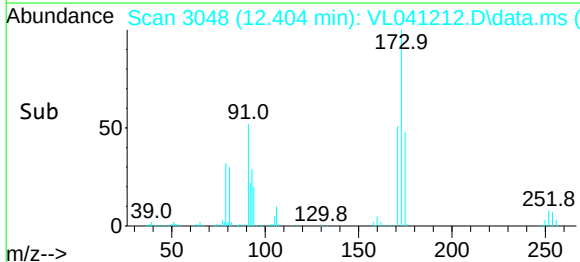
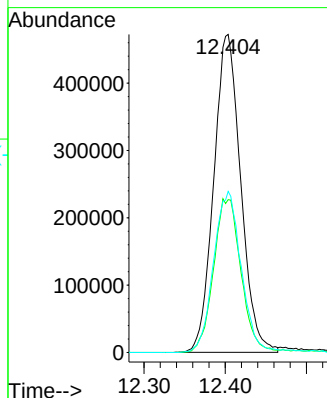
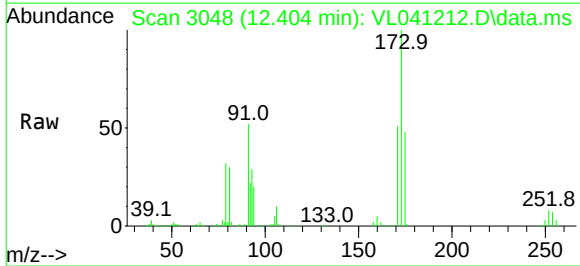
VL0506ABS01

Tgt Ion: 173 Resp: 1089544
 Ion Ratio Lower Upper
 173 100
 175 50.6 39.8 59.8
 171 52.9 41.8 62.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/07/2024
 Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh
 Dadoda
 05/07/2024



#50

4-Methyl-2-Pentanone

Concen: 9.184 ppbv

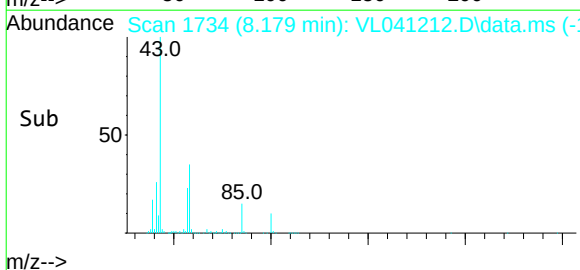
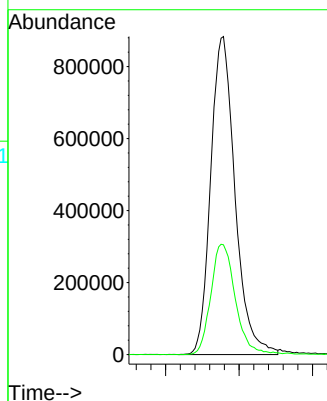
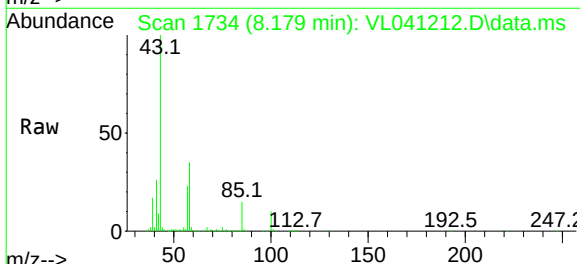
RT: 8.179 min Scan# 1734

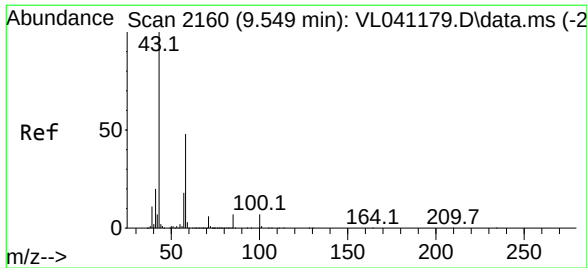
Delta R.T. 0.000 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

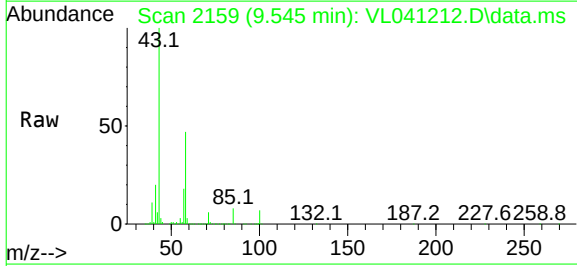
Tgt Ion: 43 Resp: 2031485
 Ion Ratio Lower Upper
 43 100
 58 35.3 27.7 41.5





#51
2-Hexanone
Concen: 9.106 ppbv
RT: 9.545 min Scan# 2160
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

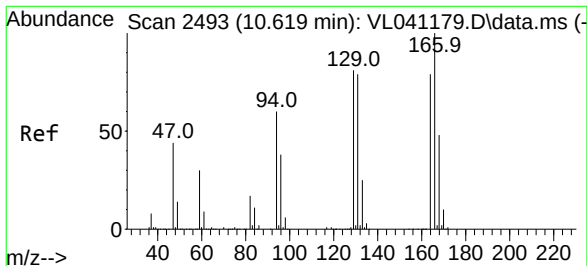
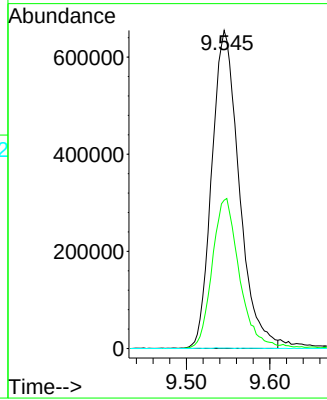
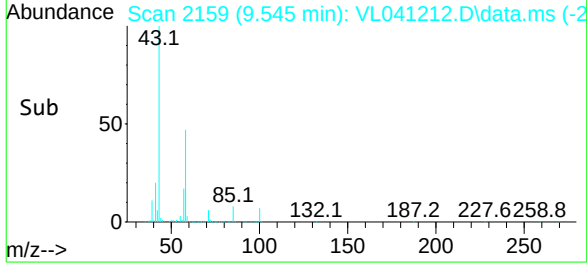


Tgt Ion: 43 Resp: 1494023
Ion Ratio Lower Upper
43 100
58 47.6 38.4 57.6
98 0.1 0.0 0.0

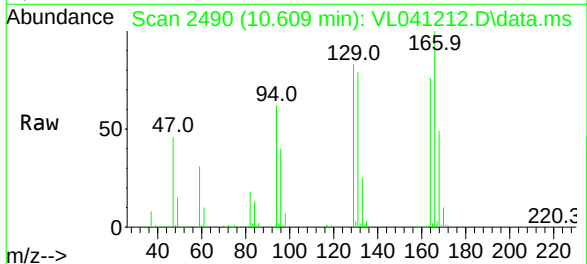
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

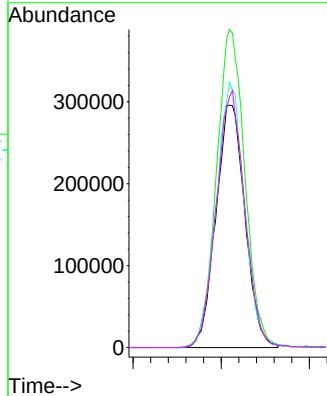
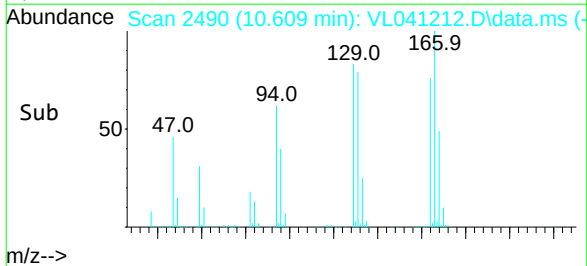
Supervised By :Mahesh
Dadoda
05/07/2024

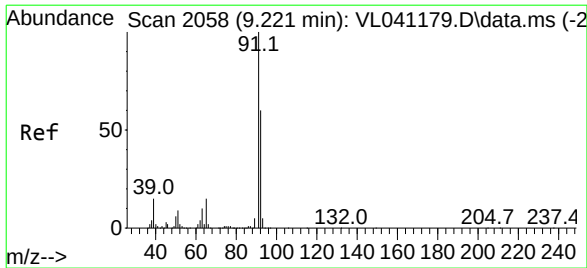


#52
Tetrachloroethene
Concen: 9.467 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02



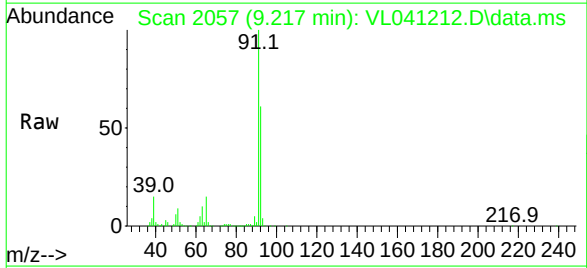
Tgt Ion:164 Resp: 676203
Ion Ratio Lower Upper
164 100
166 131.2 101.1 151.7
129 109.4 81.7 122.5
131 103.5 80.4 120.6





#53
Toluene
Concen: 9.548 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument : MSVOA_L
Client Sample Id : VL0506ABS01

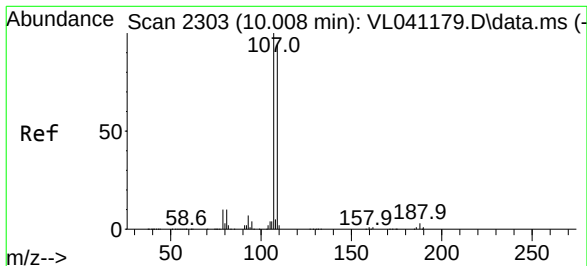
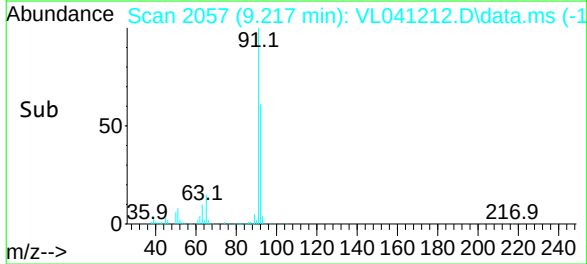
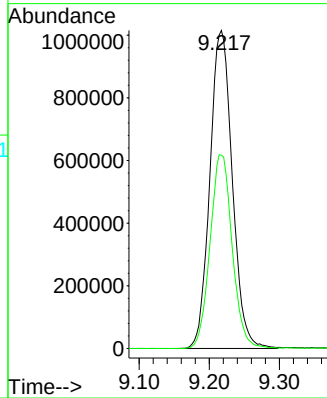


Tgt Ion: 91 Resp: 2249986
Ion Ratio Lower Upper
91 100
92 60.4 48.2 72.4

Manual Integrations APPROVED

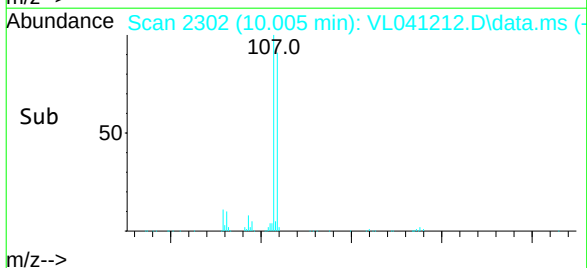
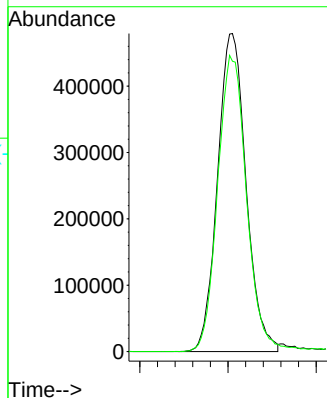
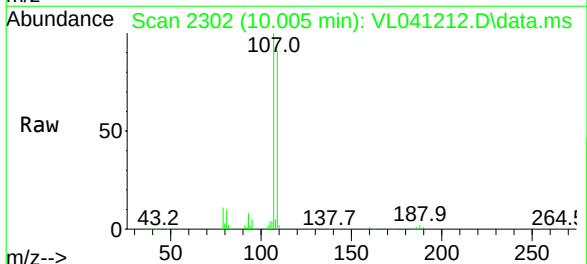
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

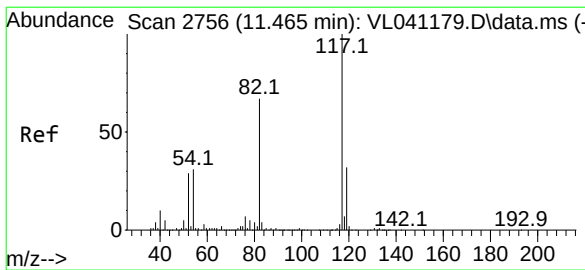
Supervised By :Mahesh
Dadoda
05/07/2024



#54
1,2-Dibromoethane
Concen: 10.133 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

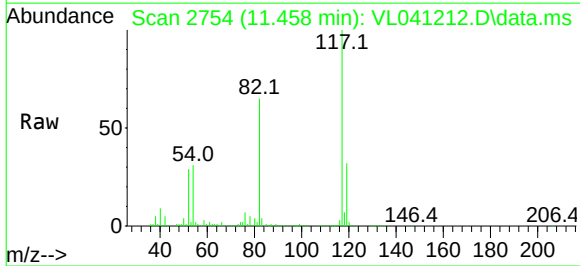
Tgt Ion:107 Resp: 1075927
Ion Ratio Lower Upper
107 100
109 91.3 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.458 min Scan# 2756
Delta R.T. -0.006 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

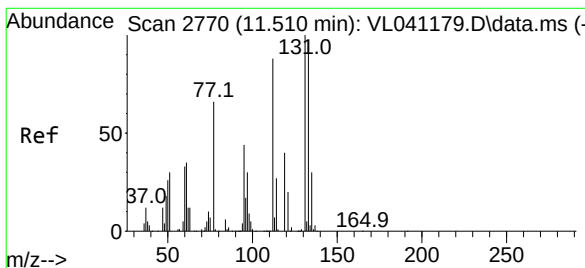
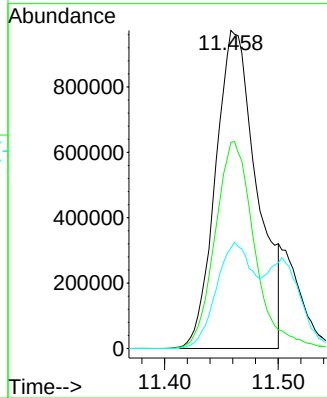
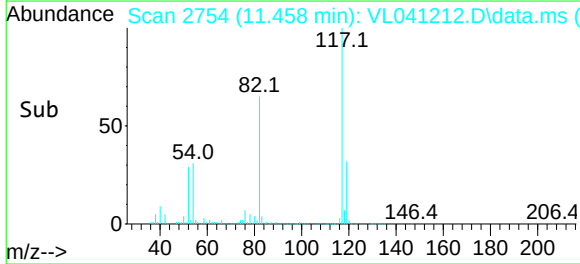


Tgt Ion:117 Resp: 2462637
Ion Ratio Lower Upper
117 100
82 62.4 53.6 80.4
119 33.7 27.2 40.8

Manual Integrations
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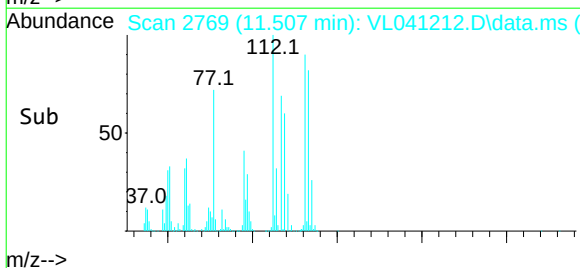
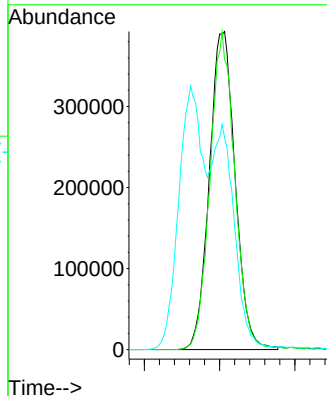
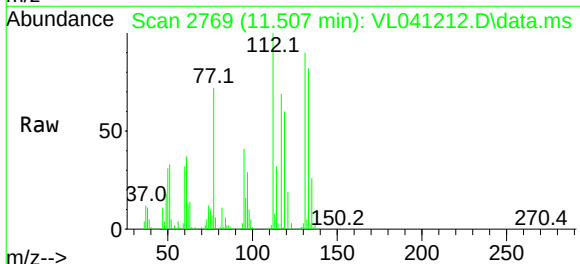
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

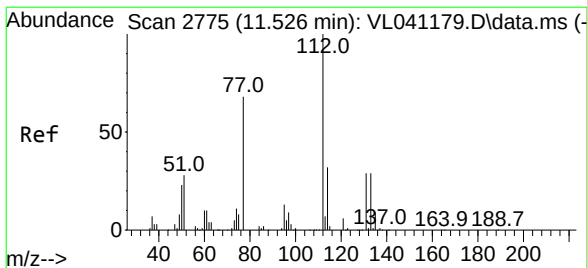
Supervised By :Mahesh
Dadoda
05/07/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.360 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion:131 Resp: 934653
Ion Ratio Lower Upper
131 100
133 96.0 76.3 114.5
119 63.5 49.4 74.2





#57

Chlorobenzene

Concen: 9.131 ppbv

RT: 11.523 min Scan# 27

Delta R.T. 0.000 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABS01

Tgt Ion:112 Resp: 1646841

Ion Ratio Lower Upper

112 100

77 69.6 54.9 82.3

114 32.2 28.7 35.1

Manual Integrations

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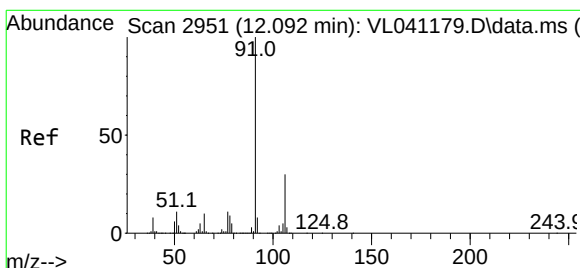
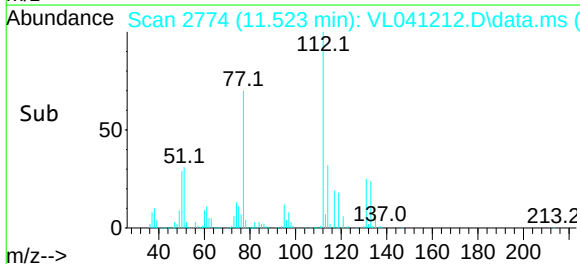
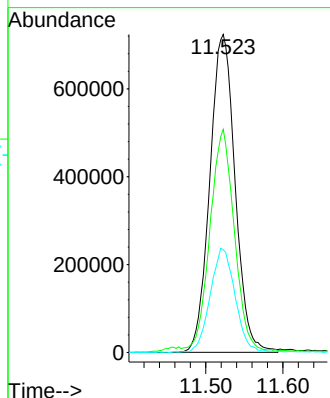
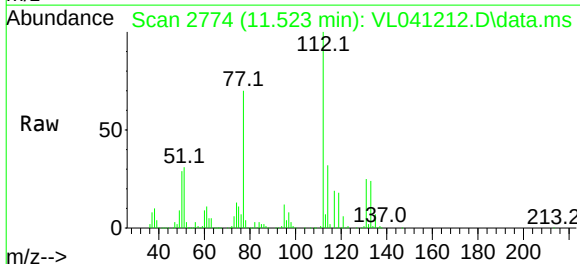
Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh

Dadoda

05/07/2024



#58

Ethyl Benzene

Concen: 8.900 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VL041212.D

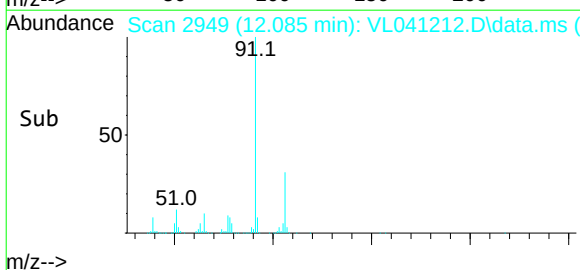
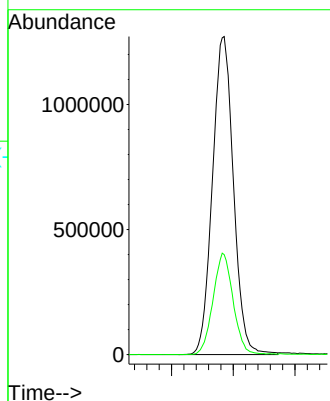
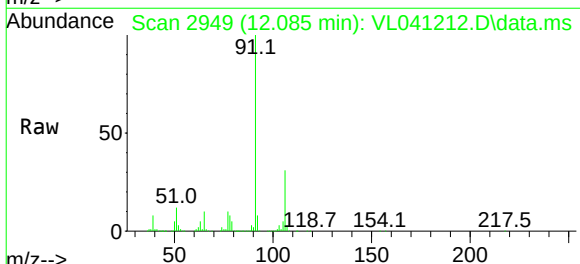
Acq: 6 May 2024 11:02

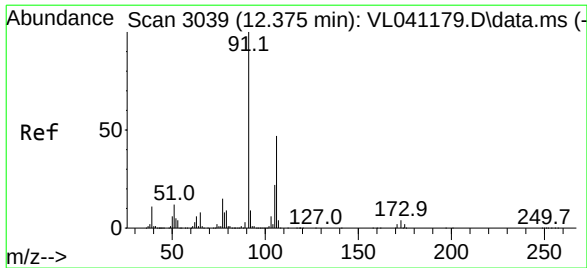
Tgt Ion: 91 Resp: 3005194

Ion Ratio Lower Upper

91 100

106 31.4 24.3 36.5





#59

m/p-Xylene

Concen: 17.613 ppbv m

RT: 12.368 min Scan# 3037

Delta R.T. 0.000 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABS01

Tgt Ion: 91 Resp: 4998533

Ion Ratio Lower Upper

91 100

106 44.5 35.7 53.5

Manual Integrations

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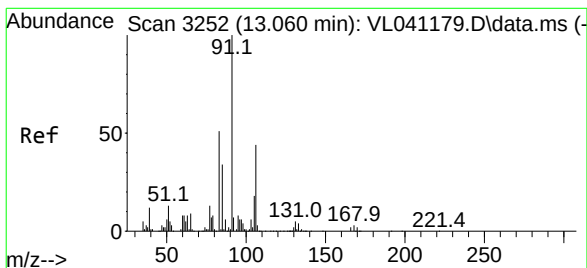
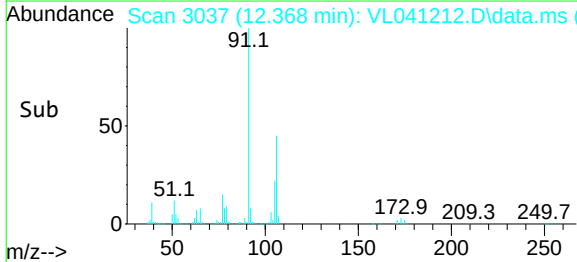
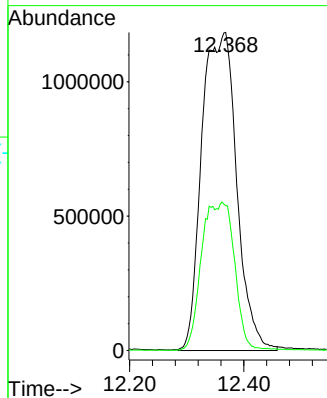
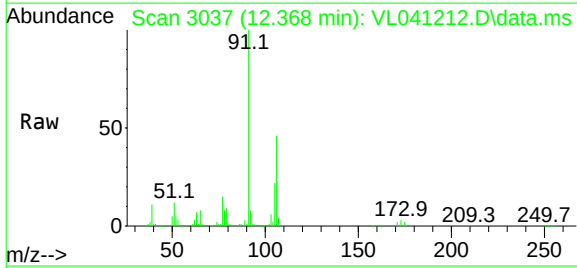
Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh

Dadoda

05/07/2024



#60

o-Xylene

Concen: 8.958 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.003 min

Lab File: VL041212.D

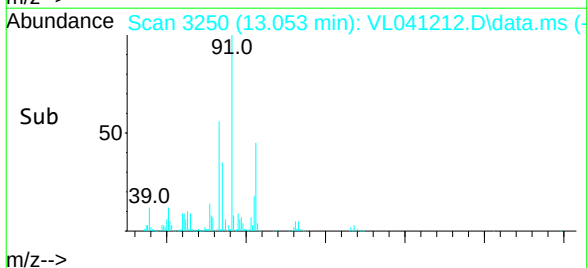
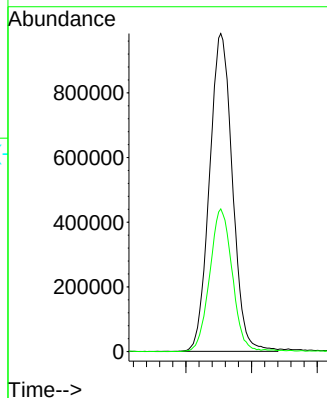
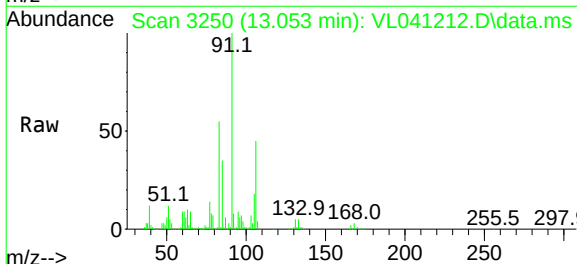
Acq: 6 May 2024 11:02

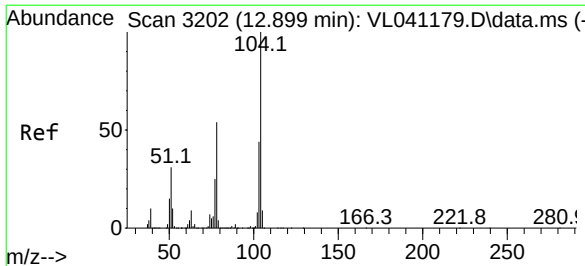
Tgt Ion: 91 Resp: 2383005

Ion Ratio Lower Upper

91 100

106 44.8 22.4 67.3





#61

Styrene

Concen: 9.171 ppbv

RT: 12.892 min Scan# 3202

Delta R.T. -0.003 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABS01

Tgt Ion:104 Resp: 1288818

Ion Ratio Lower Upper

104 100

78 53.0 42.6 63.8

103 47.7 38.4 57.6

Manual Integrations

APPROVED

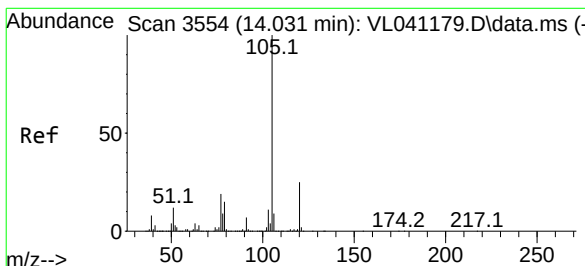
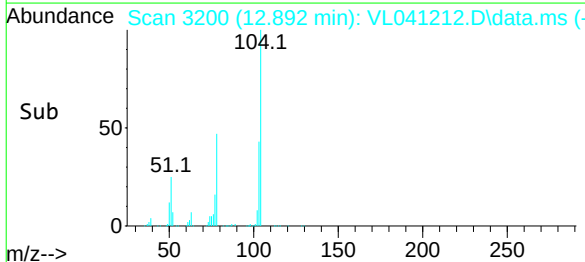
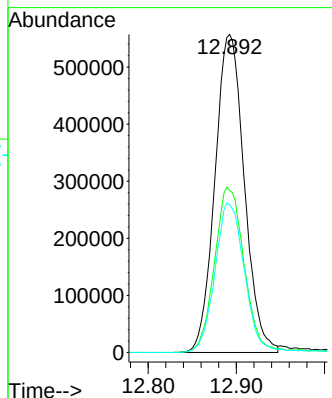
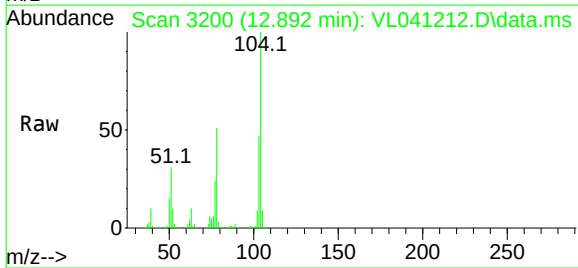
Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh

Dadoda

05/07/2024



#62

Isopropylbenzene

Concen: 8.900 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.003 min

Lab File: VL041212.D

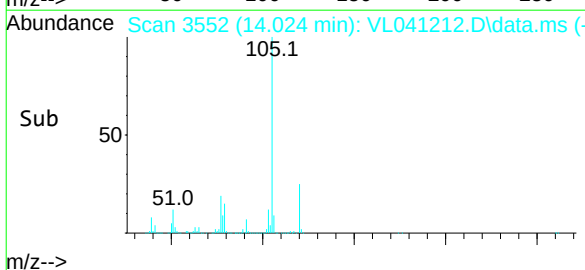
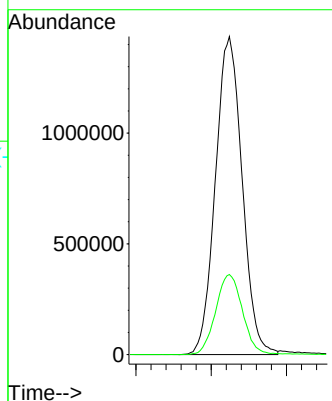
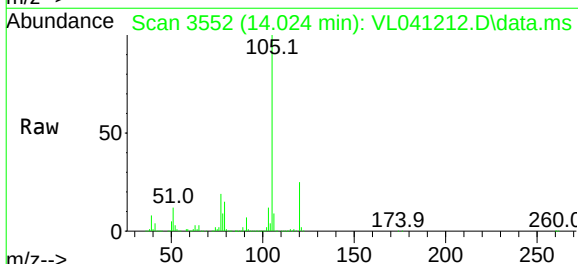
Acq: 6 May 2024 11:02

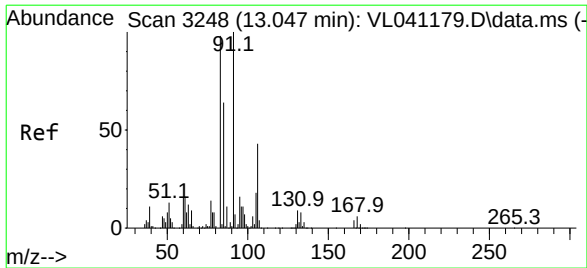
Tgt Ion:105 Resp: 3541533

Ion Ratio Lower Upper

105 100

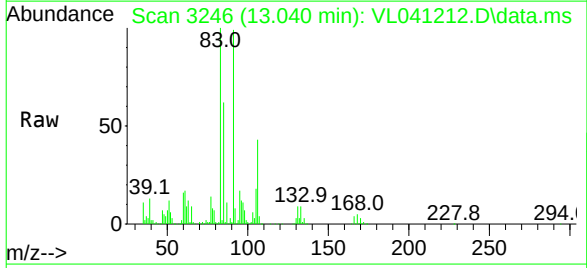
120 25.5 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.102 ppbv
RT: 13.040 min Scan# 3248
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

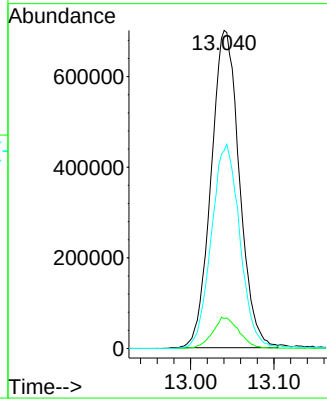
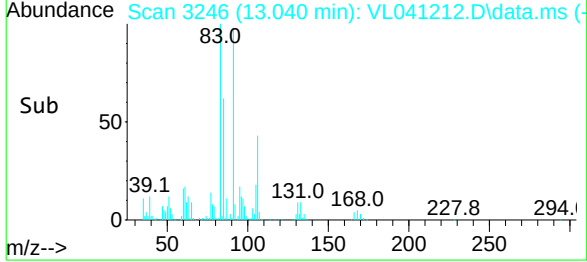
Instrument : MSVOA_L
ClientSampleId : VL0506ABS01



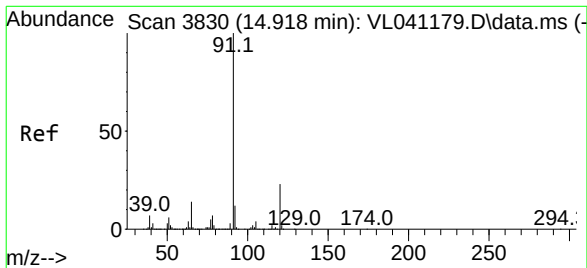
Tgt Ion: 83 Resp: 1650496
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 65.5 32.7 98.1

Manual Integrations
APPROVED

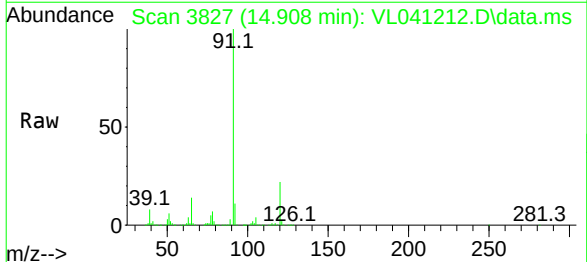
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



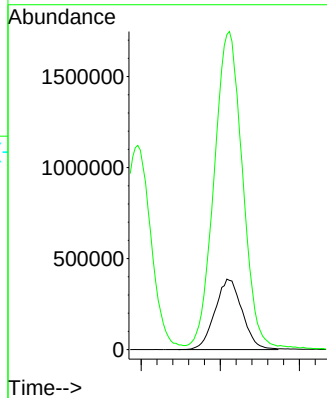
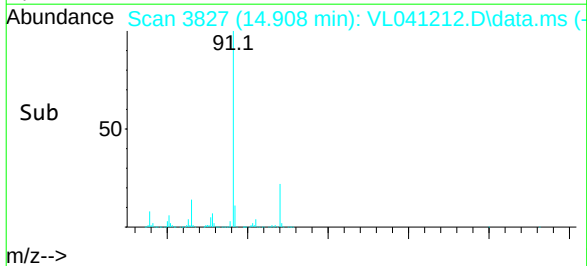
Supervised By :Mahesh
Dadoda
05/07/2024

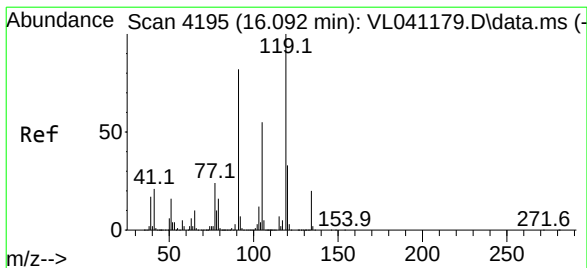


#64
n-propylbenzene
Concen: 9.307 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02



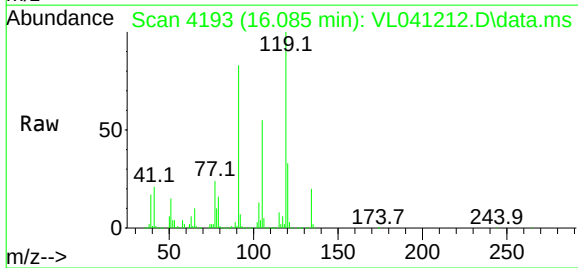
Tgt Ion:120 Resp: 923919
Ion Ratio Lower Upper
120 100
91 476.5 384.8 577.2





#65
tert-Butylbenzene
Concen: 8.605 ppbv
RT: 16.085 min Scan# 4195
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

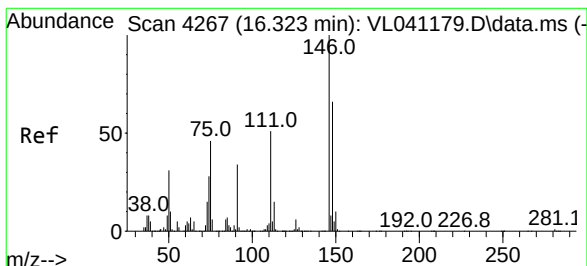
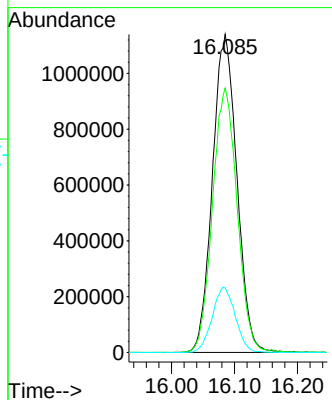
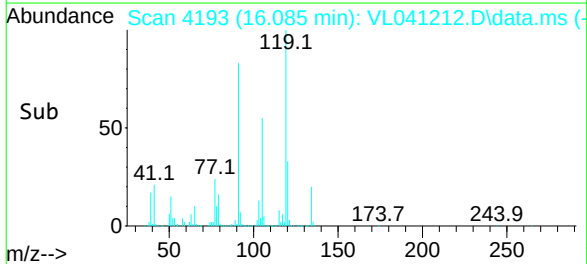


Tgt Ion: 119 Resp: 3066885
Ion Ratio Lower Upper
119 100
91 84.2 67.0 100.4
134 19.4 15.2 22.8

Manual Integrations
APPROVED

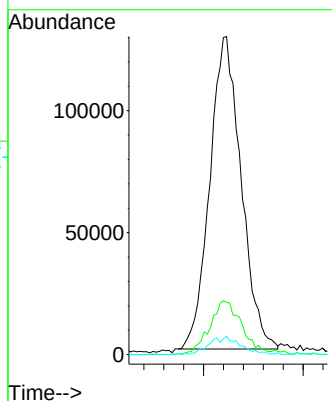
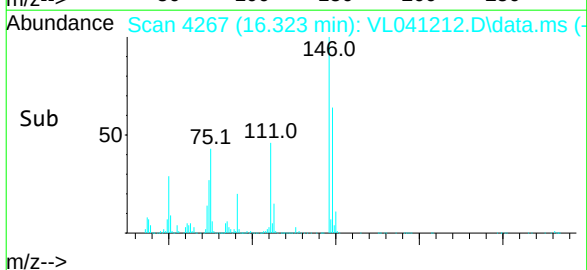
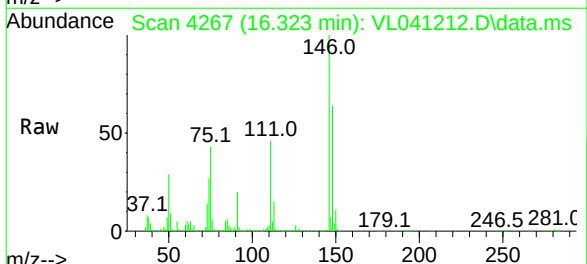
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

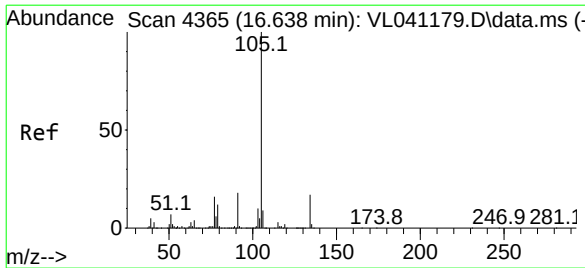
Supervised By :Mahesh
Dadoda
05/07/2024



#66
Benzyl Chloride
Concen: 6.952 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

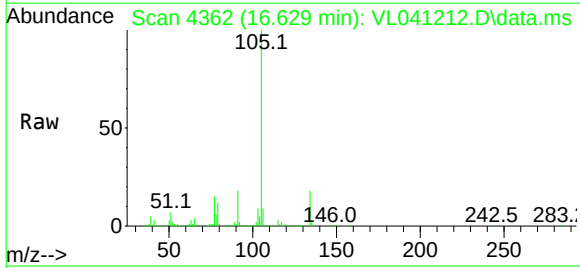
Tgt Ion: 91 Resp: 280458
Ion Ratio Lower Upper
91 100
126 18.4 14.6 21.8
128 5.9 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 8.753 ppbv
 RT: 16.629 min Scan# 4365
 Delta R.T. -0.003 min
 Lab File: VL041212.D
 Acq: 6 May 2024 11:02

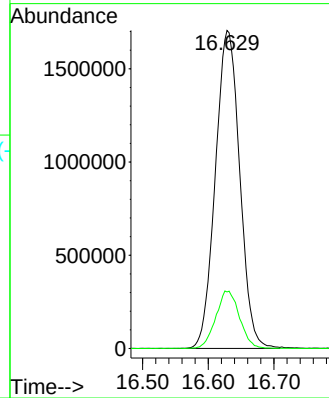
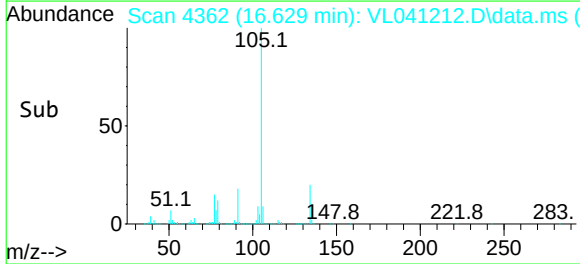
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0506ABS01



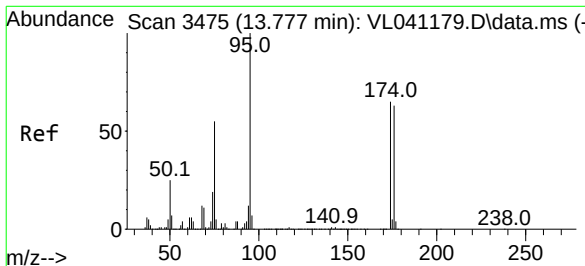
Tgt Ion:105 Resp: 4391312
 Ion Ratio Lower Upper
 105 100
 134 17.7 13.8 20.8

Manual Integrations
 APPROVED

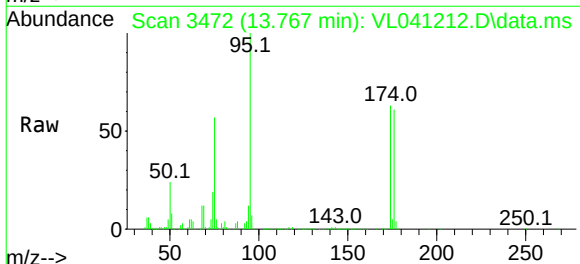
Reviewed By :Semsettin Yesilyurt 05/07/2024
 Supervised By :Mahesh Dadoda 05/07/2024



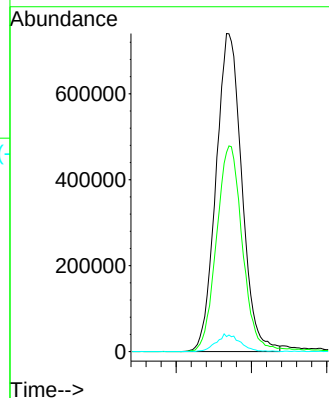
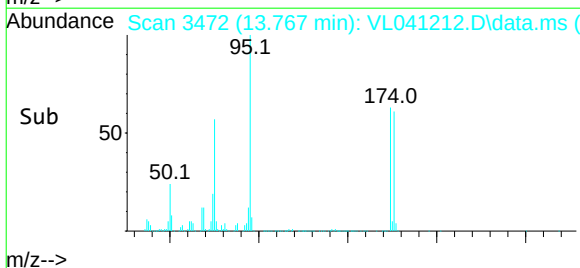
Supervised By :Mahesh
 Dadoda
 05/07/2024

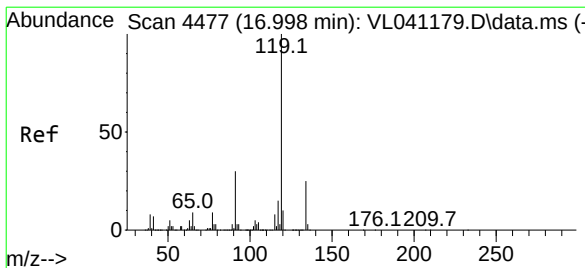


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.499 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.006 min
 Lab File: VL041212.D
 Acq: 6 May 2024 11:02



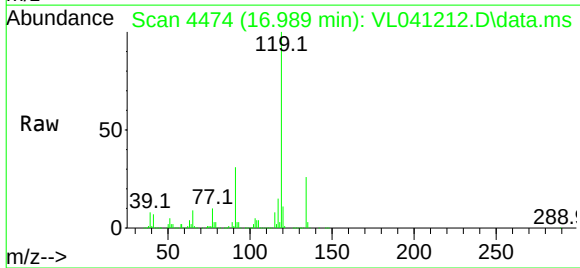
Tgt Ion: 95 Resp: 1766067
 Ion Ratio Lower Upper
 95 100
 174 66.0 53.6 80.4
 175 5.2 4.2 6.4





#69
p-Isopropyltoluene
Concen: 8.808 ppbv
RT: 16.989 min Scan# 4477
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

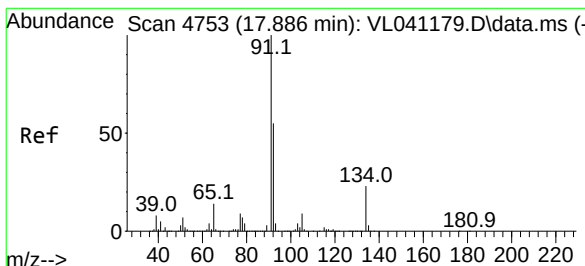
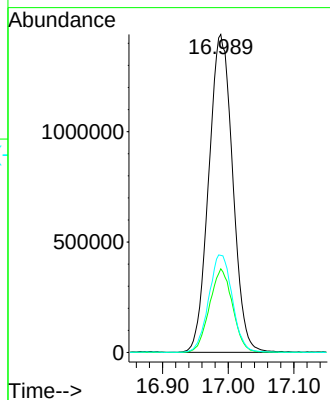
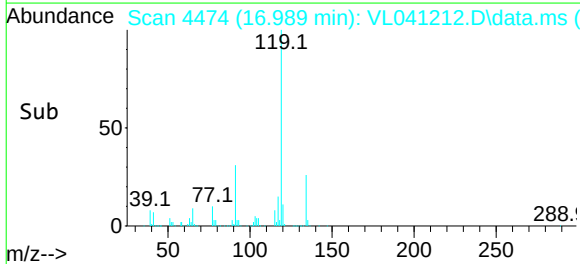


Tgt Ion: 119 Resp: 3641676
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 30.3 24.2 36.2

Manual Integrations
APPROVED

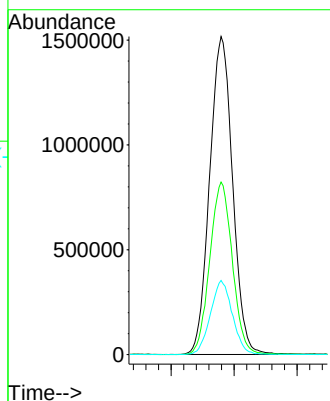
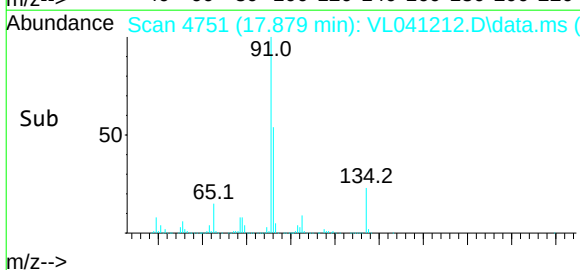
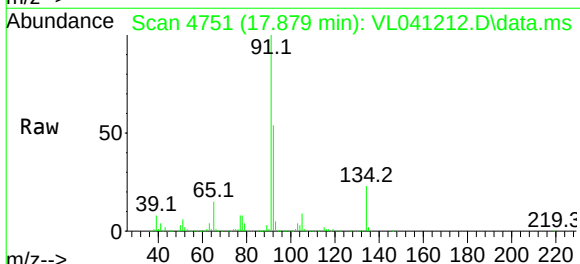
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

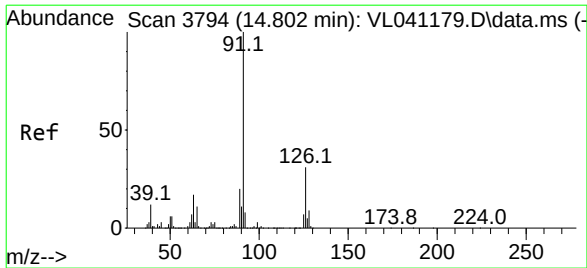
Supervised By :Mahesh
Dadoda
05/07/2024



#70
n-Butylbenzene
Concen: 8.886 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion: 91 Resp: 3836776
Ion Ratio Lower Upper
91 100
92 53.6 43.3 64.9
134 22.5 17.8 26.8





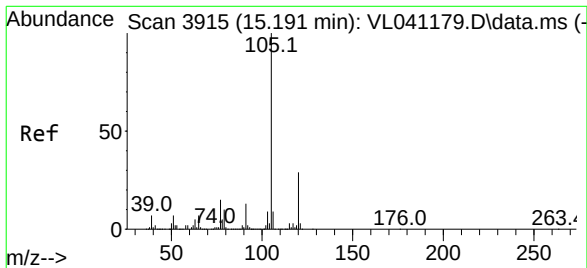
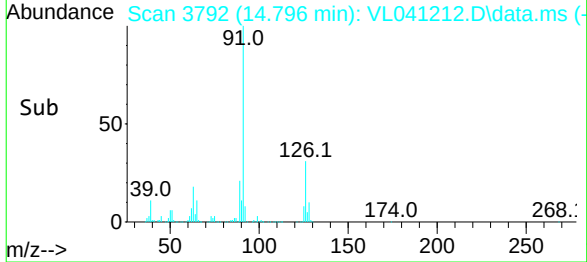
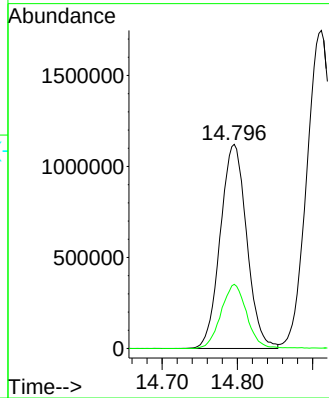
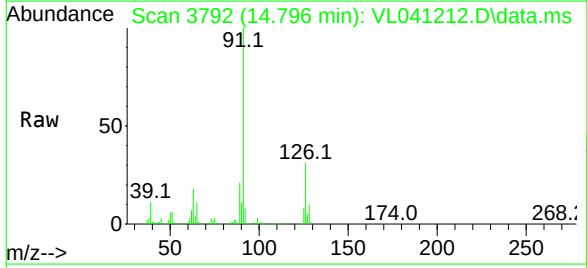
#71
2-Chlorotoluene
Concen: 9.034 ppbv
RT: 14.796 min Scan# 3794
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01

Tgt Ion: 91 Resp: 2736959
Ion Ratio Lower Upper
91 100
126 31.0 12.2 48.8

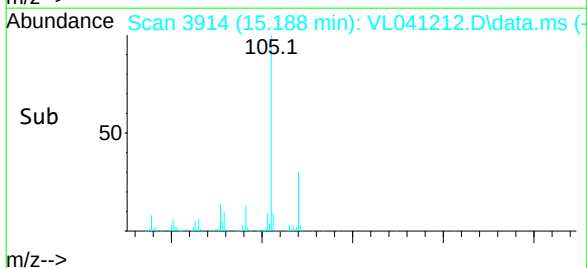
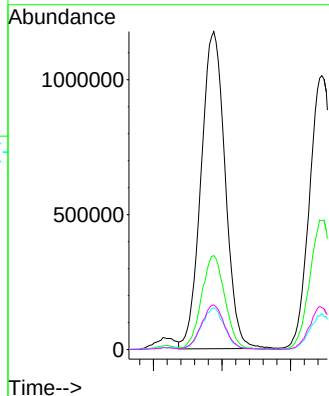
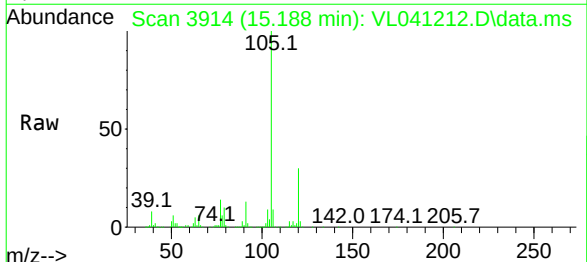
Manual Integrations
APPROVED

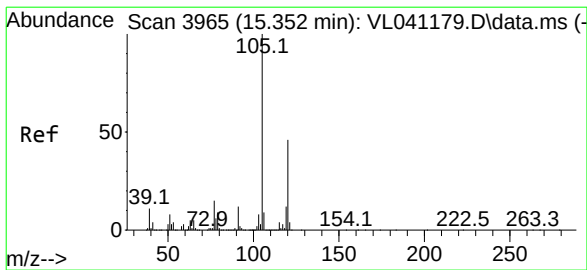
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#72
4-Ethyltoluene
Concen: 9.509 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

Tgt Ion:105 Resp: 2865434
Ion Ratio Lower Upper
105 100
120 29.4 24.7 37.1
91 12.6 10.3 15.5
77 13.8 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.046 ppbv

RT: 15.346 min Scan# 39

Delta R.T. -0.003 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABS01

Tgt Ion:105 Resp: 2466262

Ion Ratio Lower Upper

105 100

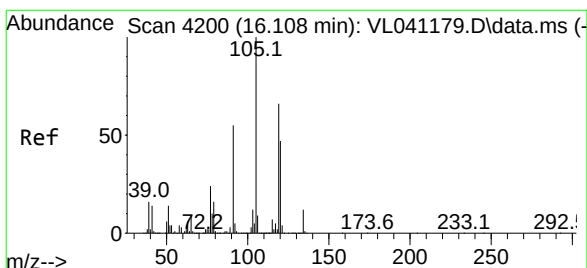
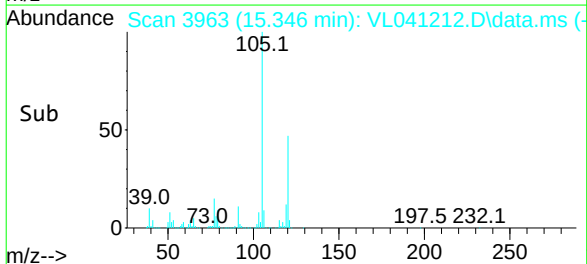
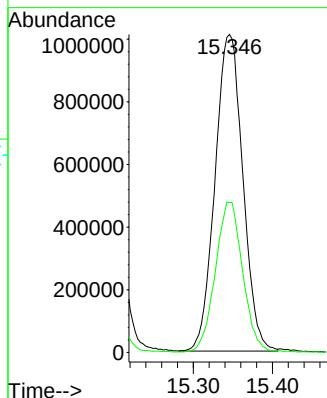
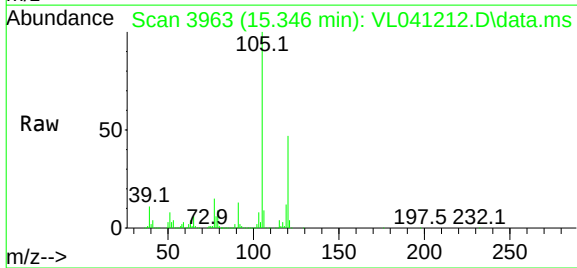
120 47.1 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#74

1,2,4-Trimethylbenzene

Concen: 8.989 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

Tgt Ion:105 Resp: 2676654

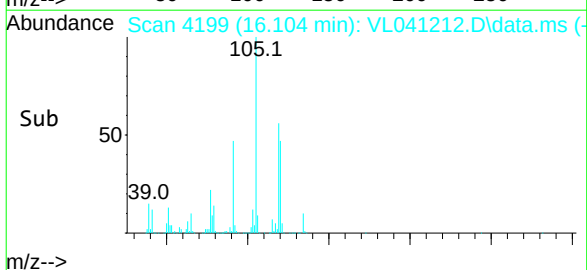
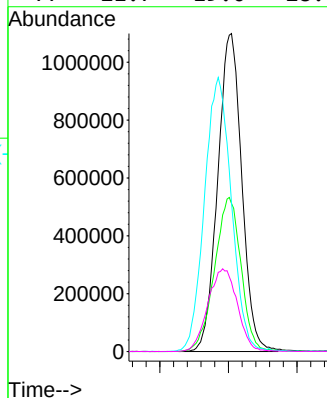
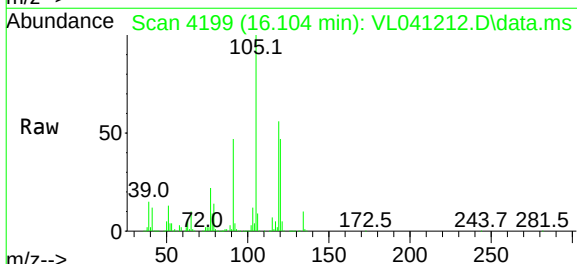
Ion Ratio Lower Upper

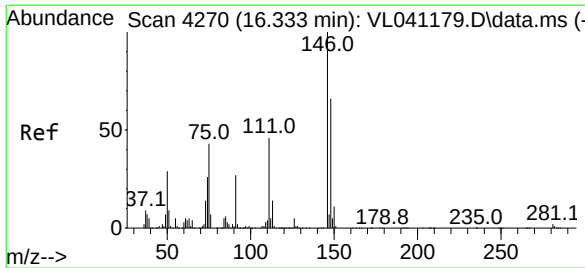
105 100

120 46.5 37.8 56.6

91 46.5 44.3 66.5

77 21.7 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 9.311 ppbv

RT: 16.323 min Scan# 4270

Delta R.T. -0.003 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABS01

Tgt Ion:146 Resp: 1589839

Ion Ratio Lower Upper

146 100

111 46.9 23.7 71.1

148 64.3 32.5 97.4

Manual Integrations

APPROVED

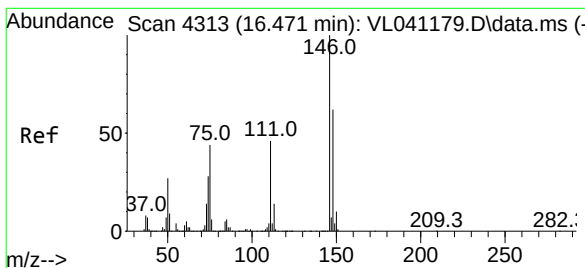
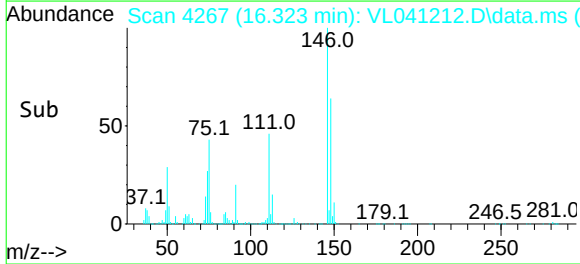
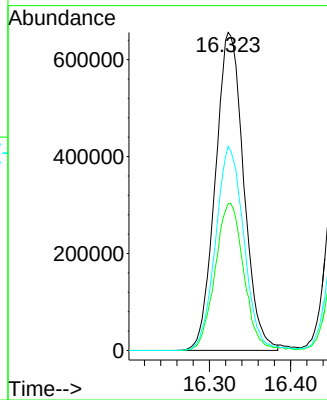
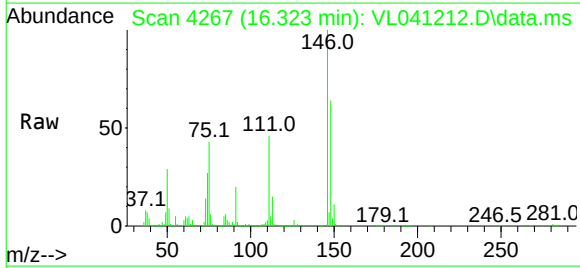
Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh

Dadoda

05/07/2024



#76

1,4-Dichlorobenzene

Concen: 9.453 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. 0.000 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

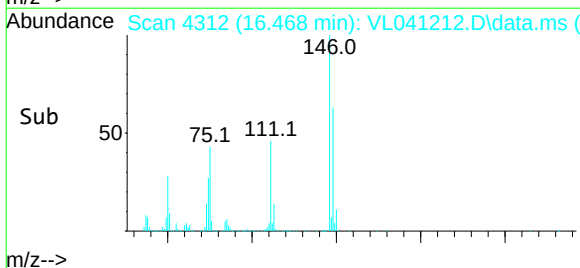
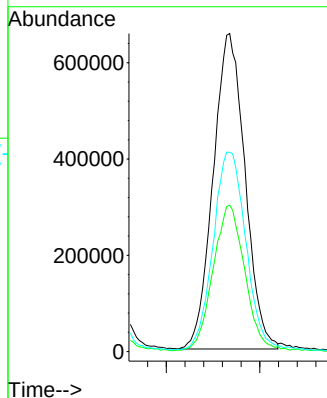
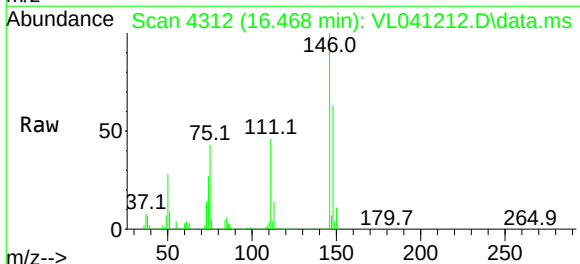
Tgt Ion:146 Resp: 1552244

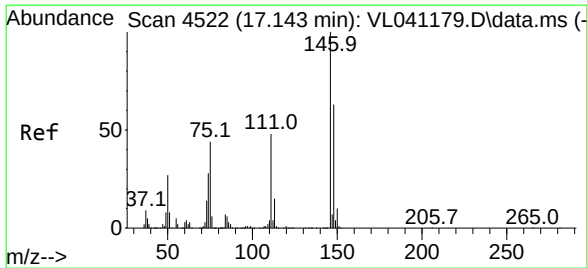
Ion Ratio Lower Upper

146 100

111 47.0 23.3 69.8

148 66.2 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.065 ppbv

RT: 17.133 min Scan# 45

Delta R.T. -0.003 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABS01

Tgt Ion:146 Resp: 1547151

Ion Ratio Lower Upper

146 100

111 48.5 24.5 73.5

148 64.3 32.6 98.0

Manual Integrations

APPROVED

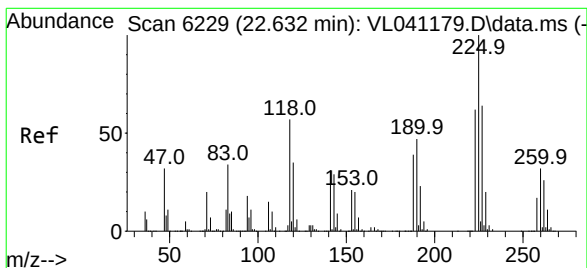
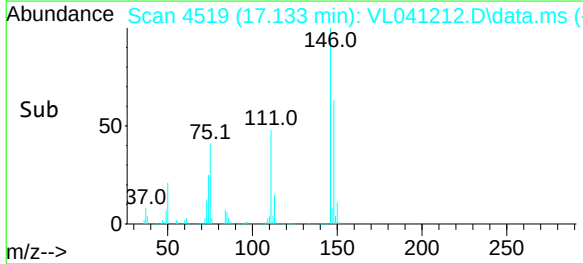
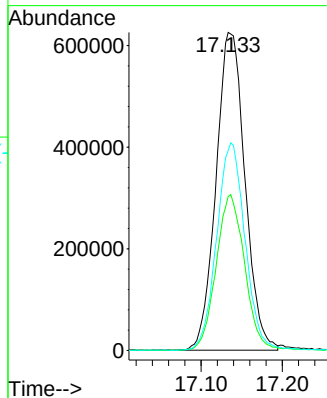
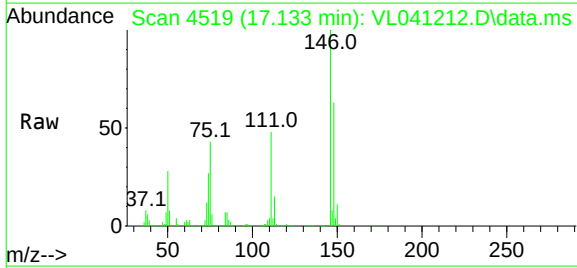
Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh

Dadoda

05/07/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.566 ppbv m

RT: 22.631 min Scan# 6229

Delta R.T. 0.006 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

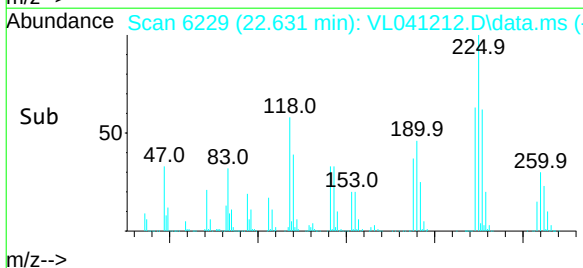
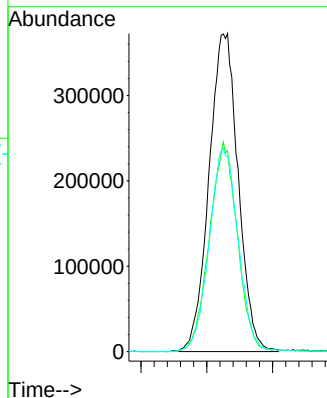
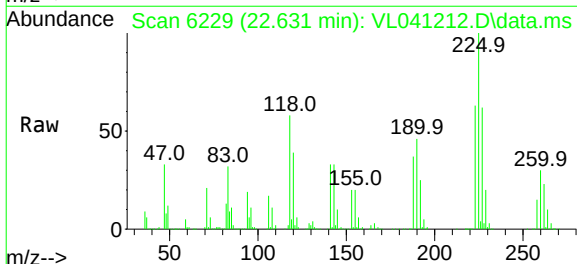
Tgt Ion:225 Resp: 1147756

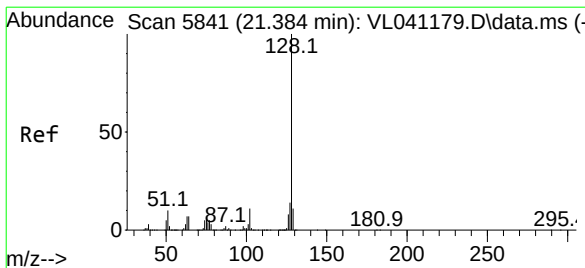
Ion Ratio Lower Upper

225 100

223 63.5 50.9 76.3

227 63.5 52.0 78.0





#79

Naphthalene

Concen: 9.527 ppbv

RT: 21.374 min Scan# 5841

Delta R.T. -0.003 min

Lab File: VL041212.D

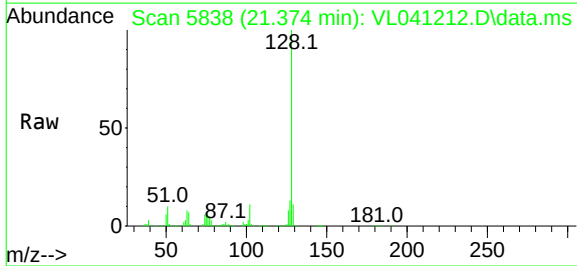
Acq: 6 May 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABS01



Tgt Ion:128 Resp: 2701491

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.2 8.9 13.3

Manual Integrations

APPROVED

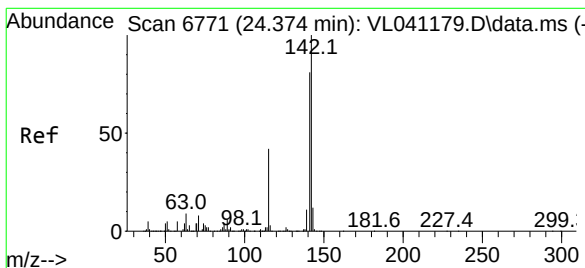
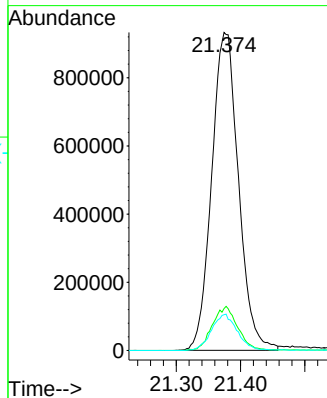
Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024

Supervised By :Mahesh

Dadoda

05/07/2024



#80

Naphthalene, 2-methyl-

Concen: 7.818 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.000 min

Lab File: VL041212.D

Acq: 6 May 2024 11:02

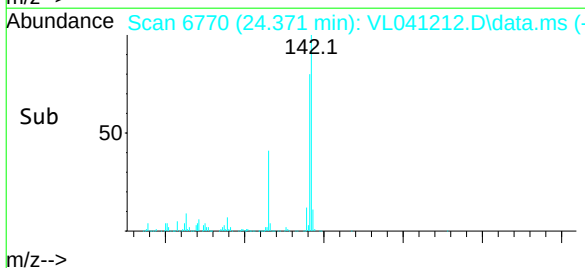
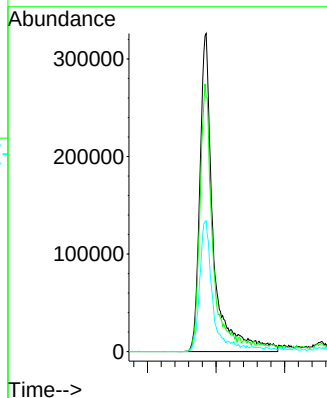
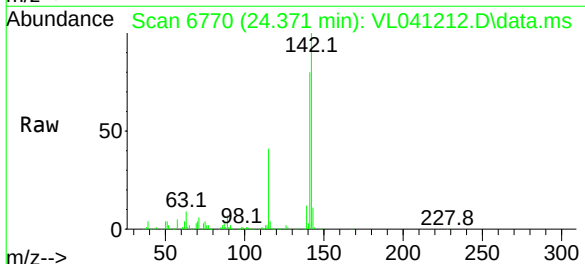
Tgt Ion:142 Resp: 891770

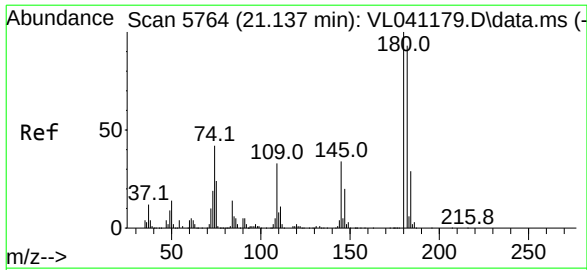
Ion Ratio Lower Upper

142 100

141 80.8 67.9 101.9

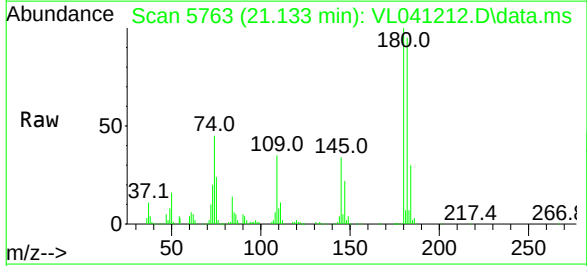
115 41.8 31.4 47.0





#81
1,2,4-Trichlorobenzene
Concen: 8.777 ppbv
RT: 21.133 min Scan# 57
Delta R.T. -0.003 min
Lab File: VL041212.D
Acq: 6 May 2024 11:02

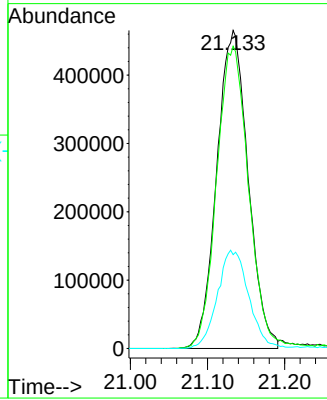
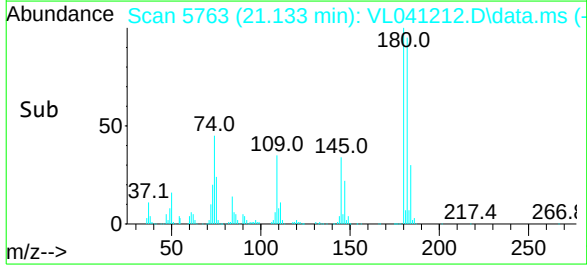
Instrument :
MSVOA_L
ClientSampleId :
VL0506ABS01



Tgt Ion:180 Resp: 1314196
Ion Ratio Lower Upper
180 100
182 97.0 77.2 115.8
184 31.1 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



Supervised By :Mahesh
Dadoda
05/07/2024