

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041210.D
 Acq On : 6 May 2024 9:22
 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 05/07/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Quant Time: May 07 05:20:31 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

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

Internal Standards						
1) Bromochloromethane	5.195	49	946499	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2427265	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2362196	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 1762287 9.882 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.738	85	1341788	10.480	ppbv	99
3) Chlorodifluoromethane	2.684	51	1430871	9.954	ppbv	99
4) Chloromethane	2.822	50	545624	9.673	ppbv	95
5) Vinyl Chloride	2.928	62	572028	10.095	ppbv	99
6) Bromomethane	3.127	94	204321	9.882	ppbv	91
7) Chloroethane	3.205	64	199849	9.989	ppbv	97
8) Dichlorotetrafluoroethane	2.867	85	1336761	10.088	ppbv	98
9) Propene	2.703	41	534633	9.503	ppbv	99
10) Heptane	7.577	43	1307586	9.594	ppbv	98
11) Trichlorofluoromethane	3.568	101	1352223	10.392	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1005829	10.453	ppbv	99
13) Ethanol	3.243	45	130250	10.328	ppbv	100
14) Bromoethene	3.372	108	401754	10.117	ppbv	99
15) Acetone	3.475	43	1033203	9.249	ppbv	98
16) 1,3-Butadiene	2.992	39	585387	10.381	ppbv	96
17) tert-Butyl alcohol	3.883	59	1119176	9.288	ppbv	100
18) 1,1-Dichloroethene	3.886	96	429328	10.007	ppbv	97
19) Isopropyl Alcohol	3.581	45	764146	10.425	ppbv #	44
20) Methylene Chloride	3.938	84	382798	9.855	ppbv	94
21) Allyl Chloride	4.002	41	730205	10.025	ppbv	97
22) trans-1,2-Dichloroethene	4.449	96	468835	10.508	ppbv	98
23) Vinyl Acetate	4.629	43	1230938	10.007	ppbv #	99
24) 1,1-Dichloroethane	4.568	63	990206	10.353	ppbv	99
25) Ethyl Acetate	5.205	43	2143481	9.614	ppbv	100
26) Hexane	5.214	57	941831	9.466	ppbv	99
27) Carbon Disulfide	4.127	76	1180844	10.026	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	773741	9.766	ppbv	100
29) Chloroform	5.278	83	1387598	10.109	ppbv	97
30) Cyclohexane	6.600	84	797904	10.131	ppbv	97
31) cis-1,2-Dichloroethene	5.079	61	936812	10.057	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1395510	10.189	ppbv	99
34) 2-Butanone	4.787	43	1136855	9.202	ppbv	99
35) Carbon Tetrachloride	6.494	117	1396146	10.249	ppbv	97
36) Benzene	6.372	78	1982686	9.734	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1102774	10.376	ppbv	99
38) Trichloroethene	7.291	130	728563	9.598	ppbv	97
39) 1,2-Dichloropropane	7.073	63	770584	9.816	ppbv	96
40) 1,4-Dioxane	7.285	88	314522	11.215	ppbv	83
41) Tetrahydrofuran	5.558	42	848543	9.488	ppbv	99
42) Bromodichloromethane	7.249	83	1578285	10.355	ppbv	100
43) Methyl Methacrylate	7.471	69	812617	9.864	ppbv	98
44) 2,2,4-Trimethylpentane	7.327	57	3363027	9.576	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	615529	10.310	ppbv	99

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

Quant Time: May 07 05:20:31 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

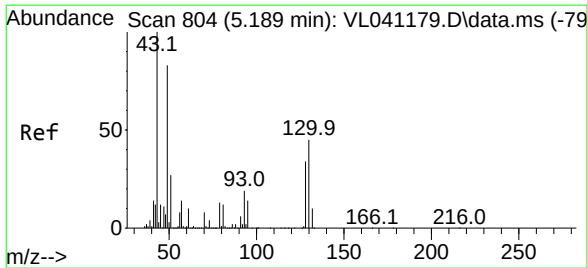
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue May 07 05:19:44 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	740513	10.132	ppbv	99
47) 1,1,2-Trichloroethane	8.899	97	798209	10.159	ppbv	98
48) Dibromochloromethane	9.706	129	1301581	10.397	ppbv	99
49) Bromoform	12.407	173	1105262	10.378	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2108458	9.510	ppbv	100
51) 2-Hexanone	9.548	43	1541531	9.374	ppbv #	99
52) Tetrachloroethene	10.613	164	699657	9.773	ppbv	98
53) Toluene	9.220	91	2306312	9.765	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1104747	10.381	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	958079	10.002	ppbv	99
57) Chlorobenzene	11.523	112	1683675	9.732	ppbv	97
58) Ethyl Benzene	12.085	91	3056695	9.437	ppbv	100
59) m/p-Xylene	12.368	91	4861671m	17.859	ppbv	
60) o-Xylene	13.056	91	2409196	9.441	ppbv	100
61) Styrene	12.896	104	1325258	9.831	ppbv	100
62) Isopropylbenzene	14.027	105	3592763	9.413	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	1712315	9.844	ppbv	100
64) n-propylbenzene	14.912	120	950692	9.984	ppbv	98
65) tert-Butylbenzene	16.085	119	3153918	9.226	ppbv	100
66) Benzyl Chloride	16.326	91	298865	7.723	ppbv	99
67) sec-Butylbenzene	16.632	105	4488092	9.326	ppbv	98
69) p-Isopropyltoluene	16.992	119	3719712	9.379	ppbv	99
70) n-Butylbenzene	17.882	91	3910726	9.442	ppbv	100
71) 2-Chlorotoluene	14.796	91	2770794	9.534	ppbv	99
72) 4-Ethyltoluene	15.188	105	2900476	10.035	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2511880	9.605	ppbv	98
74) 1,2,4-Trimethylbenzene	16.104	105	2731975	9.565	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	1645405	10.047	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1623333	10.307	ppbv	100
77) 1,2-Dichlorobenzene	17.137	146	1576935	9.632	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1155052	7.938	ppbv	100
79) Naphthalene	21.378	128	2764059	10.162	ppbv	100
80) Naphthalene,2-methyl-	24.371	142	848884	7.758	ppbv	95
81) 1,2,4-Trichlorobenzene	21.136	180	1347595	9.383	ppbv	99

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



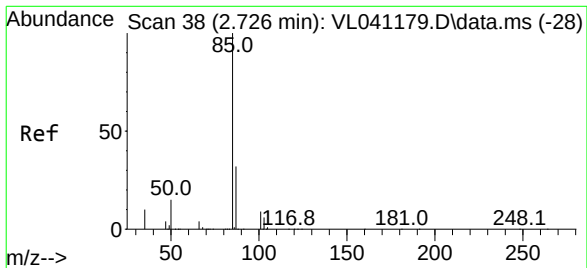
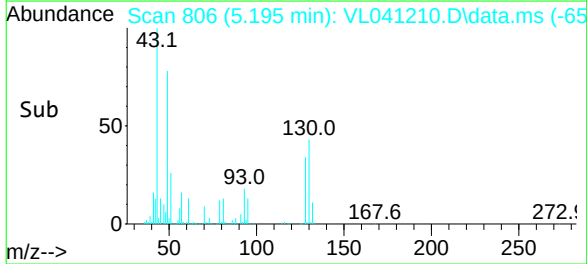
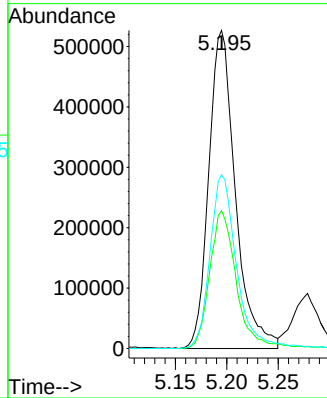
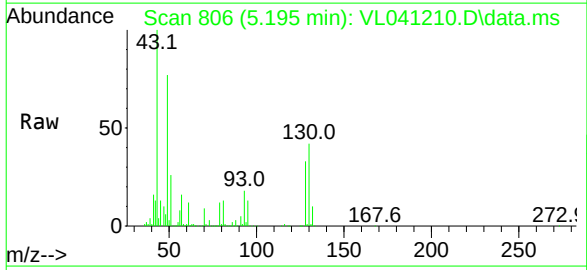
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 946499
Ion Ratio Lower Upper
49 100
128 44.1 21.5 64.5
130 55.6 27.2 81.6

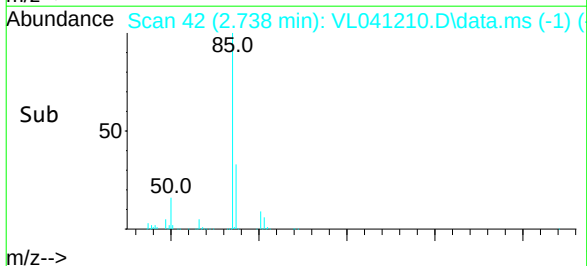
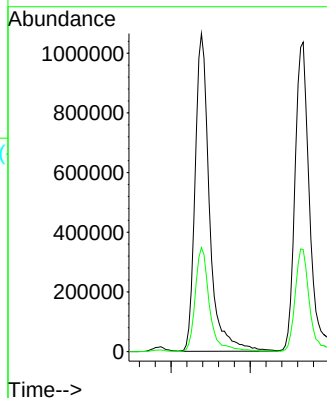
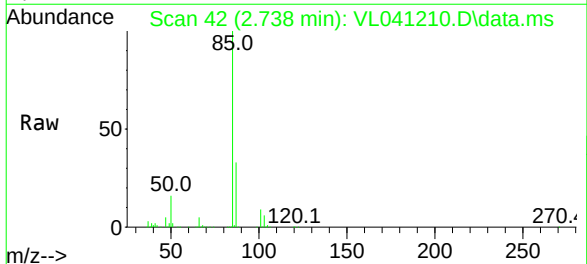
Manual Integrations
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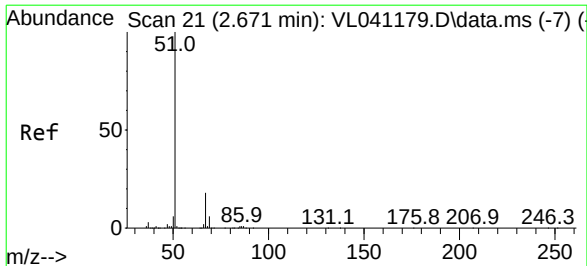
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#2
Dichlorodifluoromethane
Concen: 10.480 ppbv
RT: 2.738 min Scan# 42
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

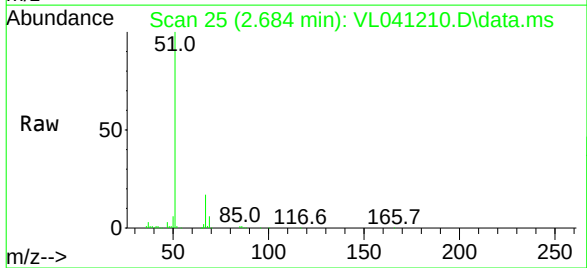
Tgt Ion: 85 Resp: 1341788
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5





#3
Chlorodifluoromethane
Concen: 9.954 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

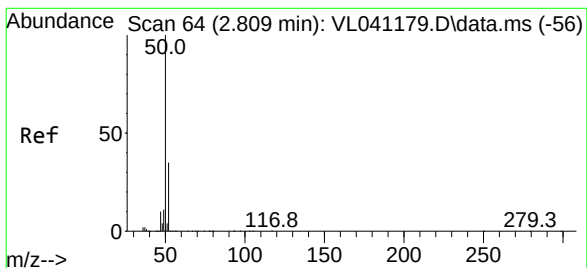
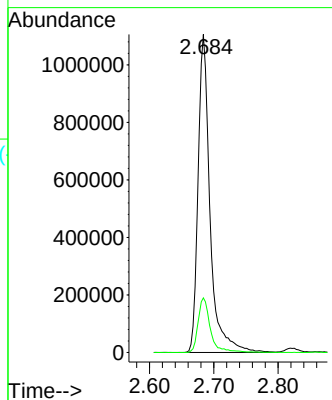
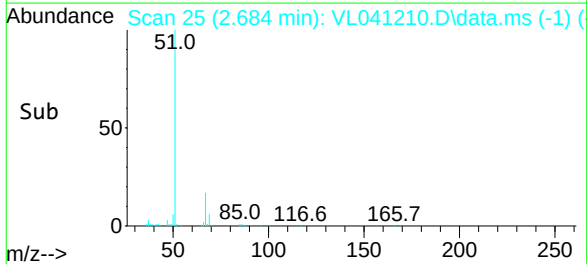
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



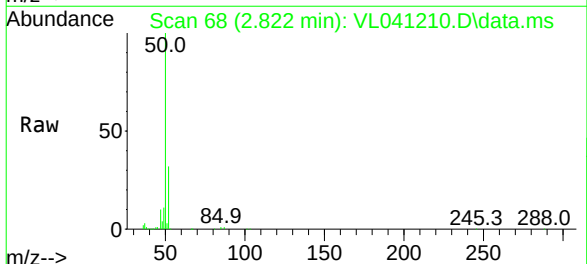
Tgt Ion: 51 Resp: 1430871
Ion Ratio Lower Upper
51 100
67 17.7 14.0 21.0

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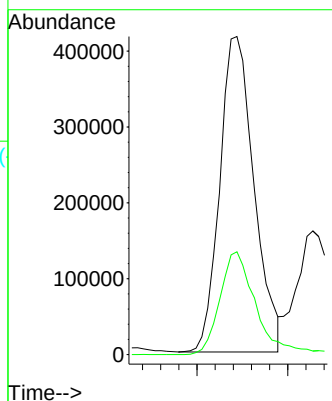
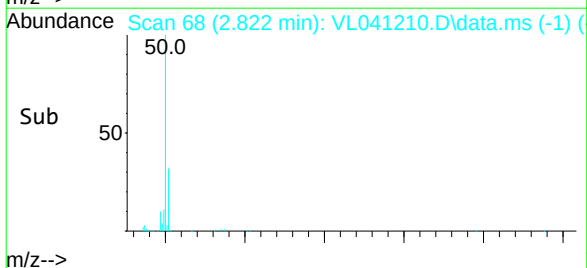
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

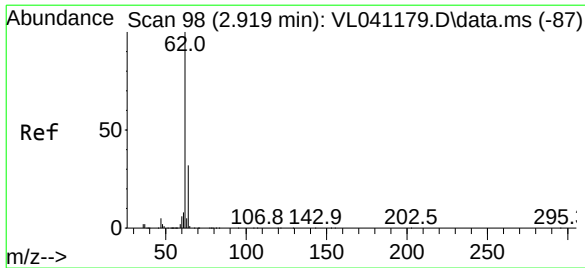


#4
Chloromethane
Concen: 9.673 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22



Tgt Ion: 50 Resp: 545624
Ion Ratio Lower Upper
50 100
52 32.6 28.3 42.5





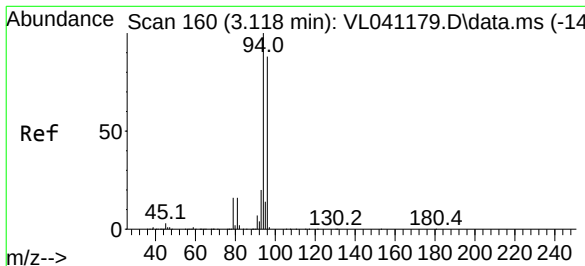
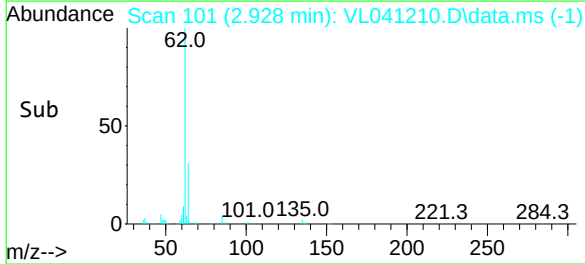
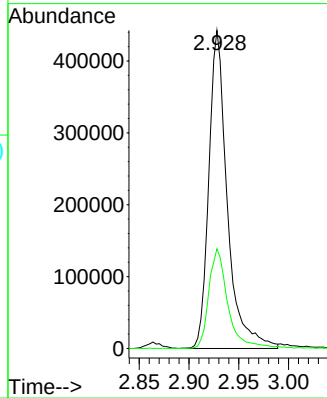
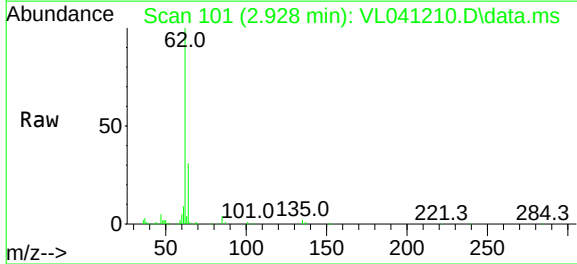
#5
Vinyl Chloride
Concen: 10.095 ppbv
RT: 2.928 min Scan# 101
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 572028
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5

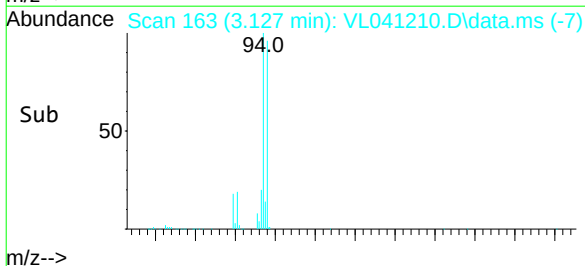
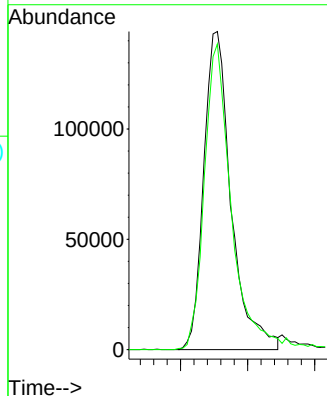
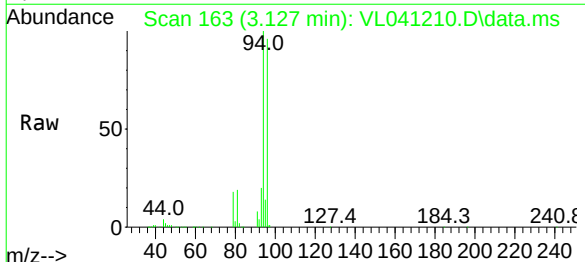
Manual Integrations
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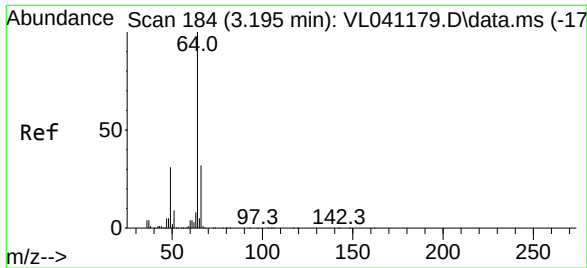
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#6
Bromomethane
Concen: 9.882 ppbv
RT: 3.127 min Scan# 163
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion: 94 Resp: 204321
Ion Ratio Lower Upper
94 100
96 95.7 70.1 105.1





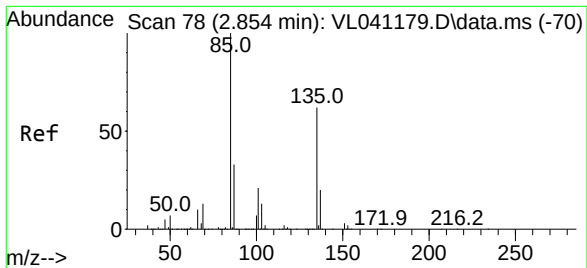
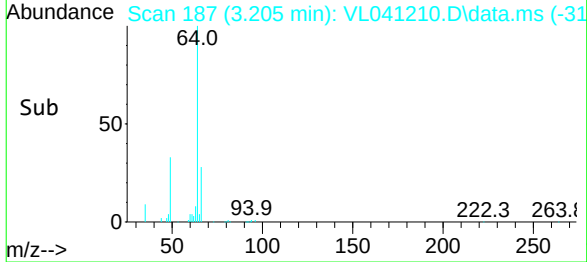
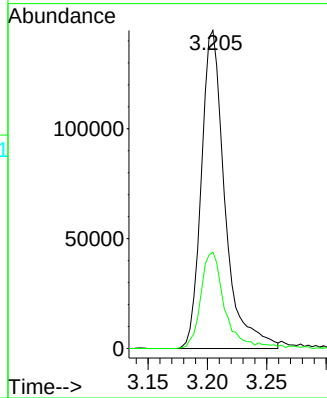
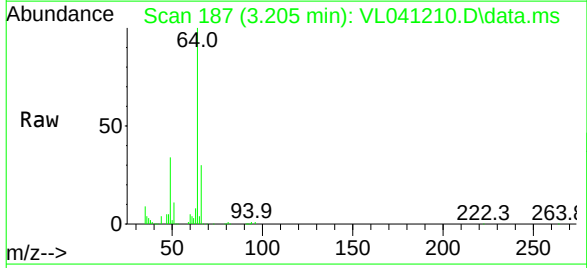
#7
Chloroethane
Concen: 9.989 ppbv
RT: 3.205 min Scan# 18
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 199849
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2

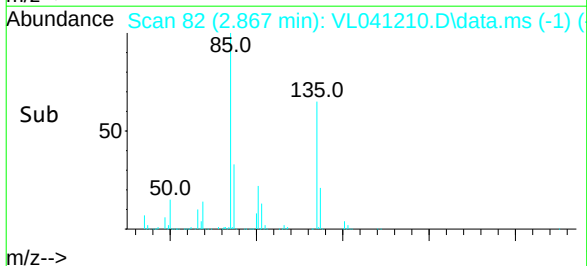
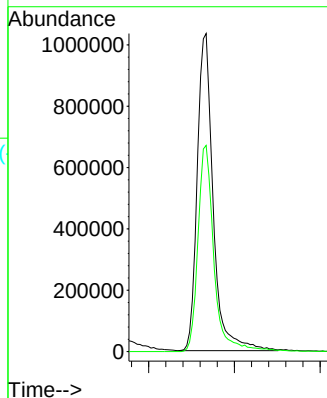
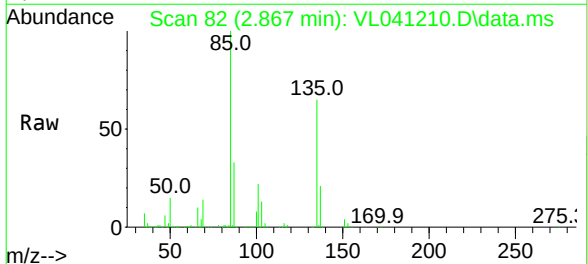
Manual Integrations
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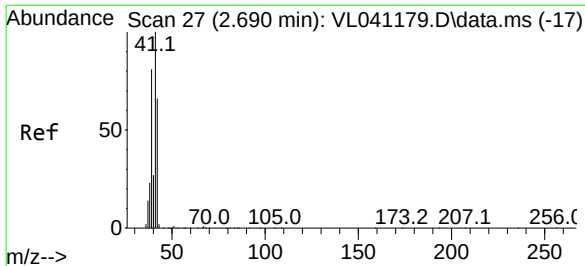
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#8
Dichlorotetrafluoroethane
Concen: 10.088 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion: 85 Resp: 1336761
Ion Ratio Lower Upper
85 100
135 65.6 51.5 77.3





#9

Propene

Concen: 9.503 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 534633

Ion Ratio Lower Upper

41 100

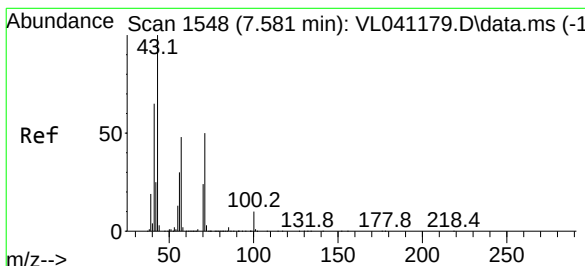
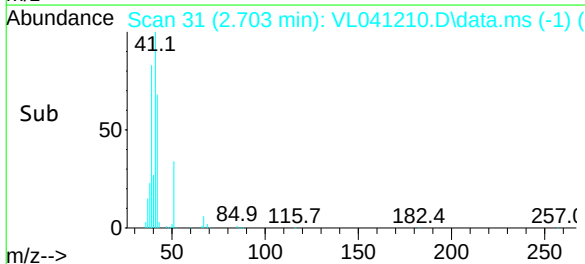
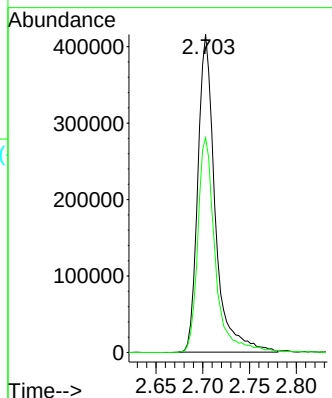
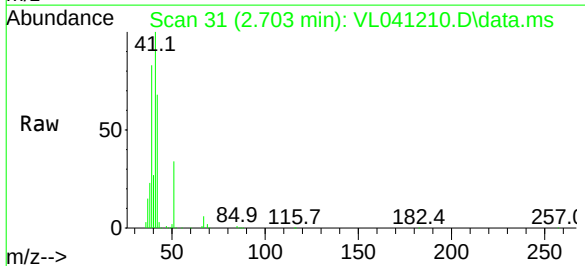
42 68.6 55.3 82.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#10

Heptane

Concen: 9.594 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VL041210.D

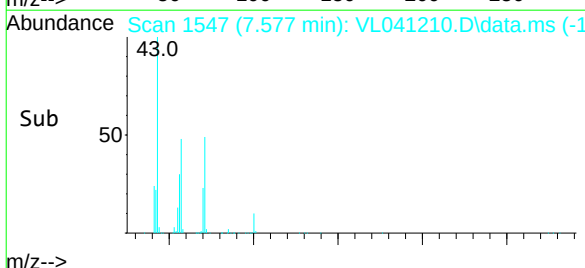
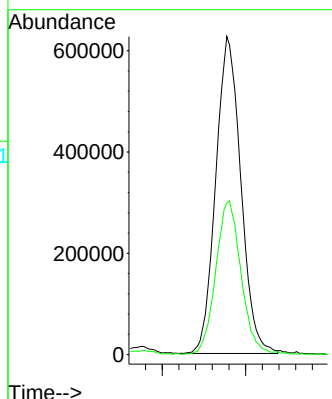
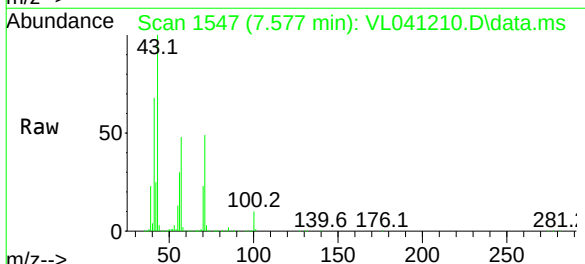
Acq: 6 May 2024 9:22

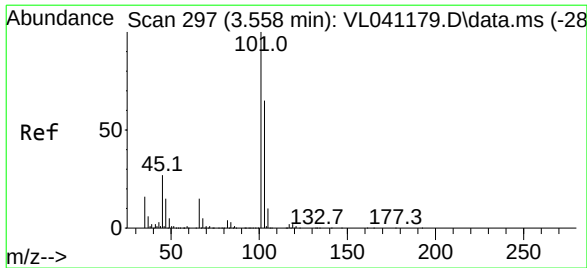
Tgt Ion: 43 Resp: 1307586

Ion Ratio Lower Upper

43 100

57 49.5 38.7 58.1





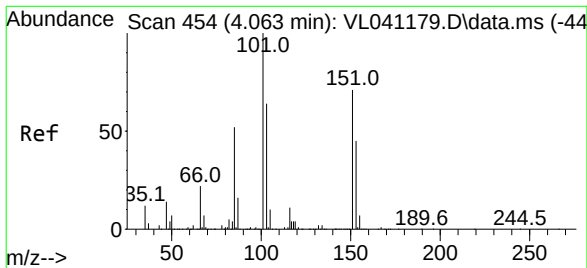
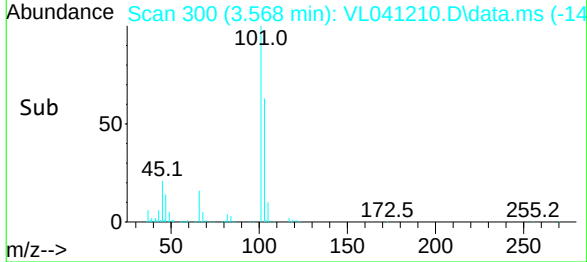
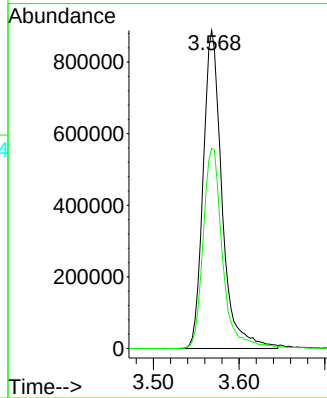
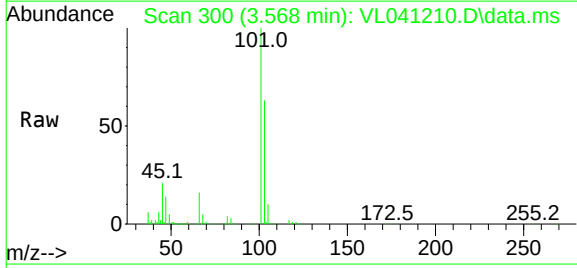
#11
Trichlorofluoromethane
Concen: 10.392 ppbv
RT: 3.568 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1352223
Ion Ratio Lower Upper
101 100
103 62.9 51.6 77.4

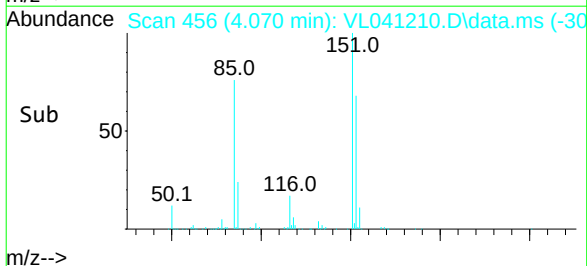
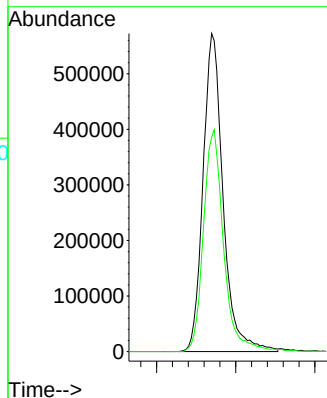
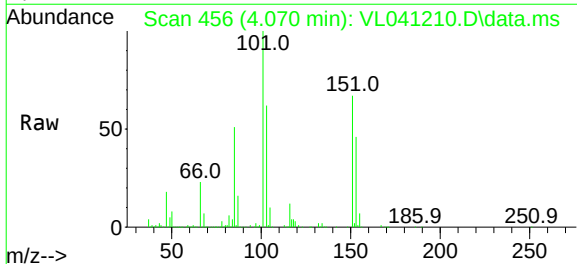
Manual Integrations
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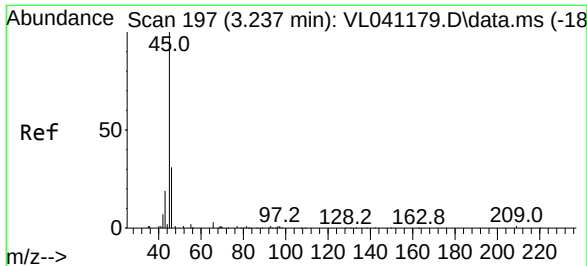
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.453 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

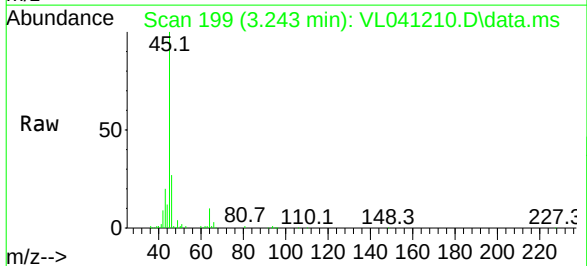
Tgt Ion:101 Resp: 1005829
Ion Ratio Lower Upper
101 100
151 70.3 56.8 85.2





#13
Ethanol
Concen: 10.328 ppbv
RT: 3.243 min Scan# 197
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

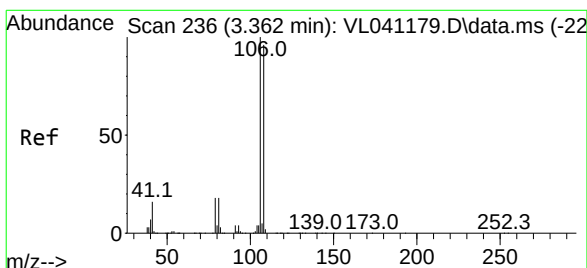
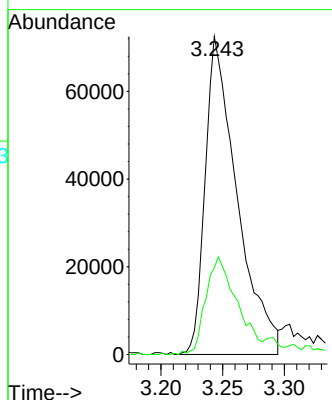
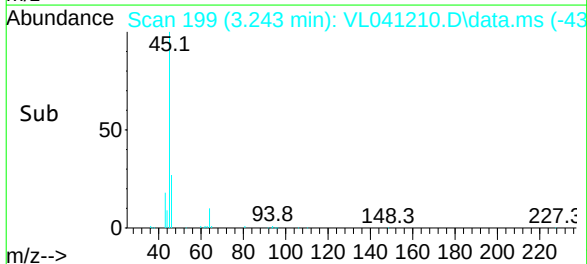
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



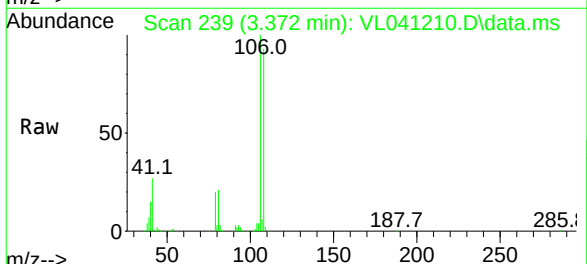
Tgt Ion: 45 Resp: 130250
Ion Ratio Lower Upper
45 100
46 37.2 14.8 59.0

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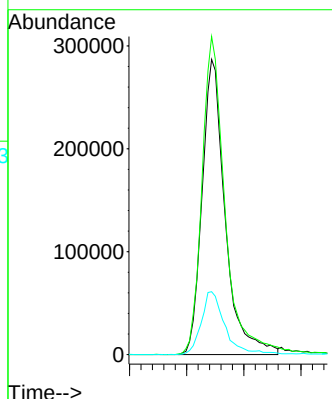
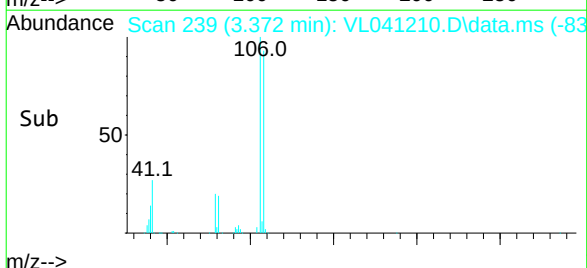
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

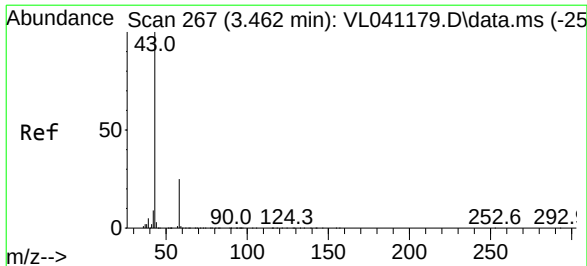


#14
Bromoethene
Concen: 10.117 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22



Tgt Ion:108 Resp: 401754
Ion Ratio Lower Upper
108 100
106 109.5 88.2 132.4
79 22.4 17.4 26.0





#15

Acetone

Concen: 9.249 ppbv

RT: 3.475 min Scan# 271

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1033203

Ion Ratio Lower Upper

43 100

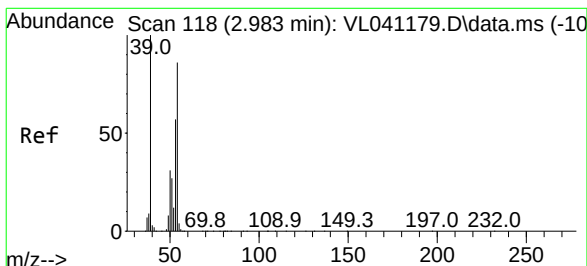
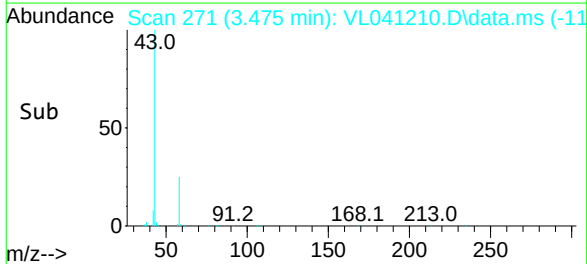
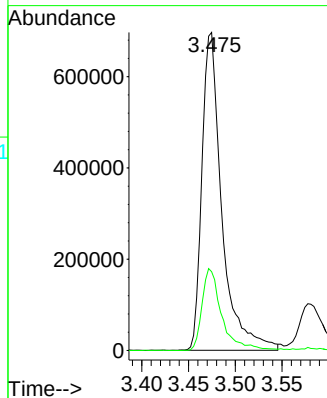
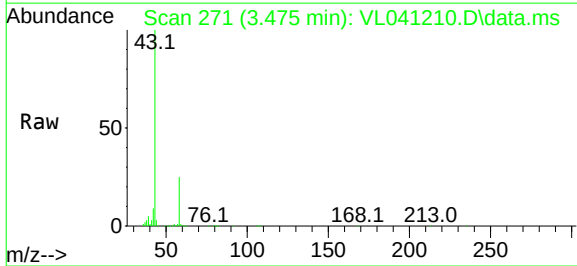
58 25.6 21.4 32.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#16

1,3-Butadiene

Concen: 10.381 ppbv

RT: 2.992 min Scan# 121

Delta R.T. 0.000 min

Lab File: VL041210.D

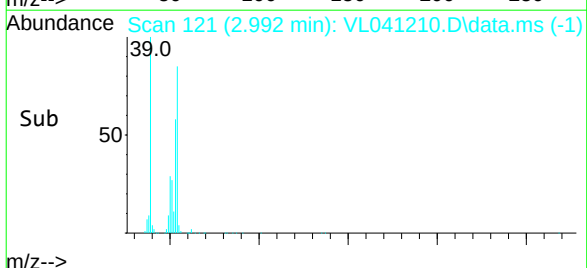
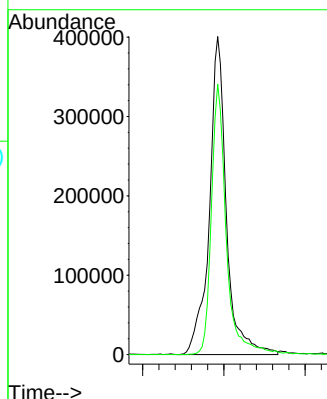
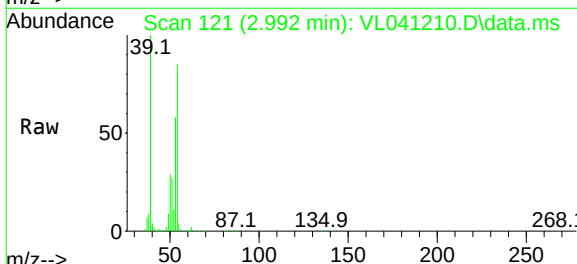
Acq: 6 May 2024 9:22

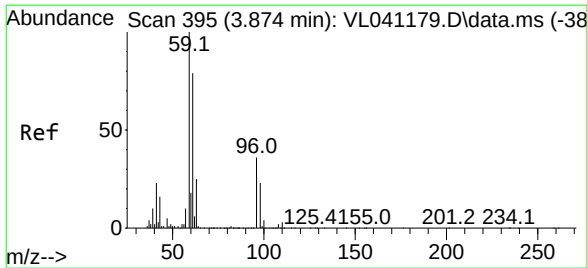
Tgt Ion: 39 Resp: 585387

Ion Ratio Lower Upper

39 100

54 74.6 62.2 93.4





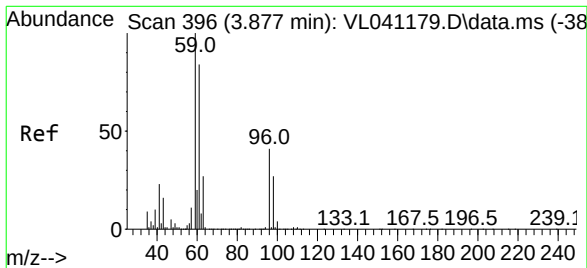
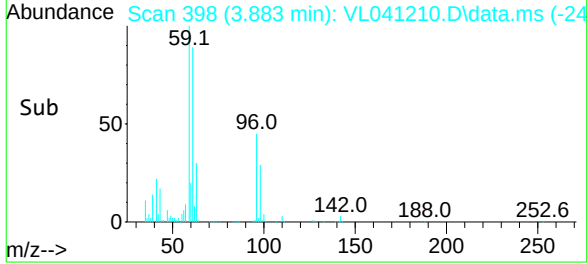
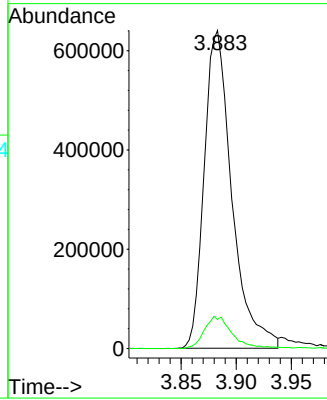
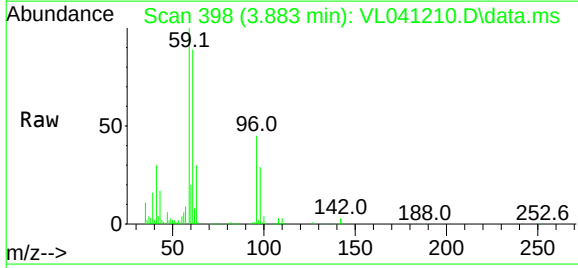
#17
tert-Butyl alcohol
Concen: 9.288 ppbv
RT: 3.883 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1119176
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

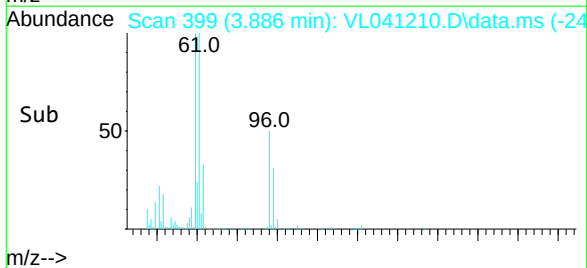
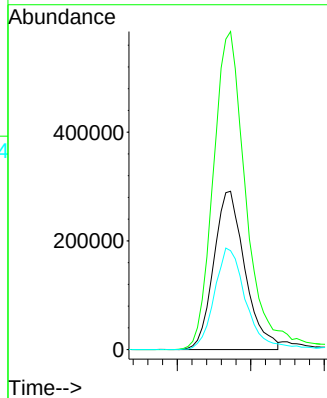
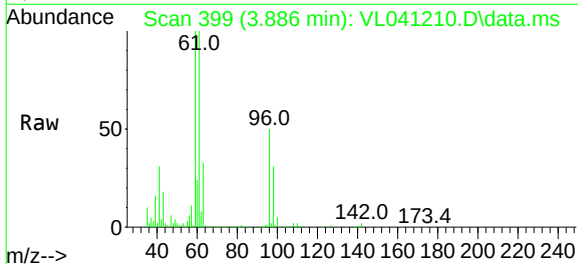
Manual Integrations
APPROVED

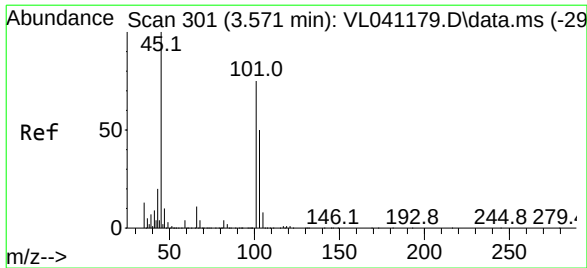
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#18
1,1-Dichloroethene
Concen: 10.007 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion: 96 Resp: 429328
Ion Ratio Lower Upper
96 100
61 200.7 164.4 246.6
98 62.5 51.8 77.8





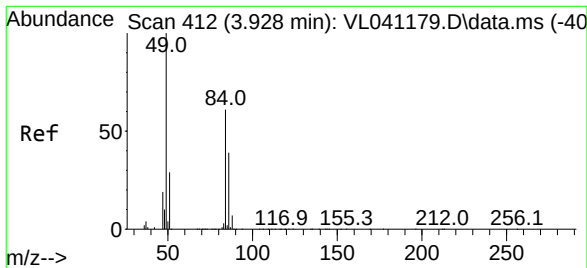
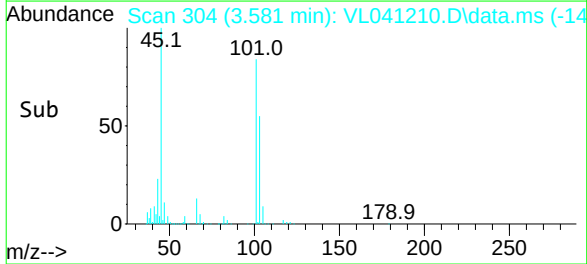
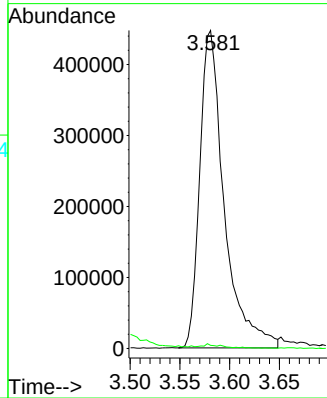
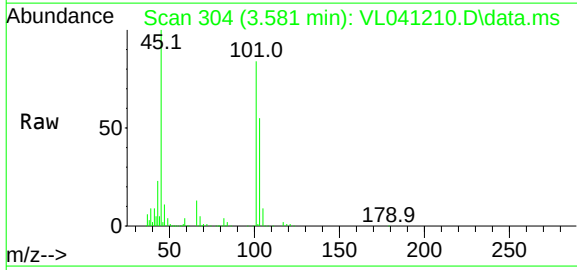
#19
Isopropyl Alcohol
Concen: 10.425 ppbv
RT: 3.581 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 764146
Ion Ratio Lower Upper
45 100
58 1.4 26.8 40.2#

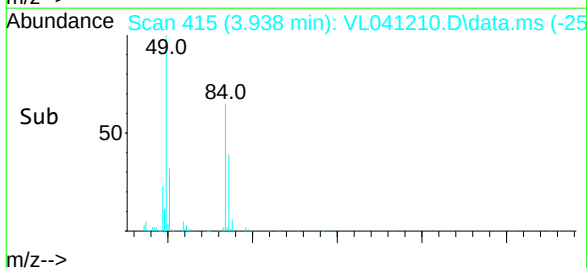
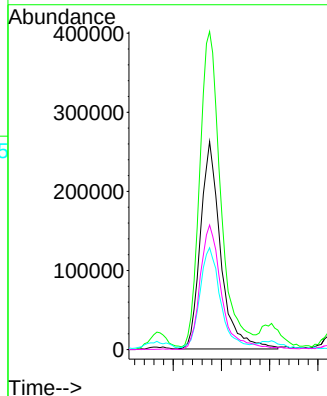
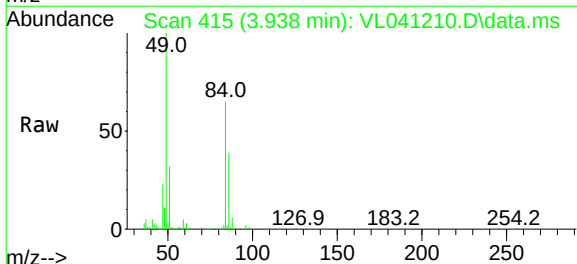
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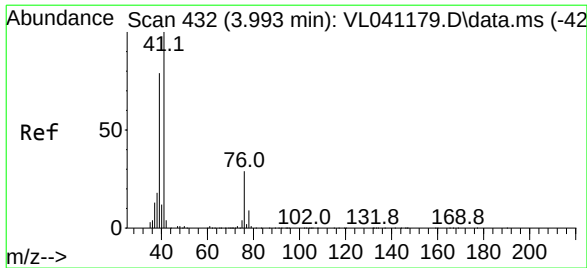
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#20
Methylene Chloride
Concen: 9.855 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion: 84 Resp: 382798
Ion Ratio Lower Upper
84 100
49 151.7 130.4 195.6
51 47.9 38.0 57.0
86 59.9 50.3 75.5





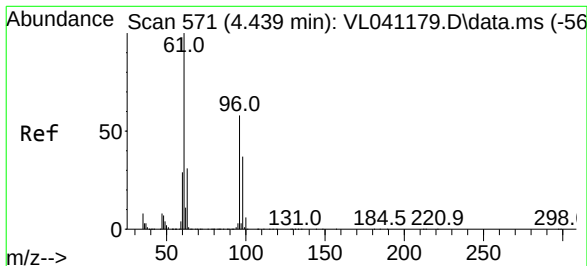
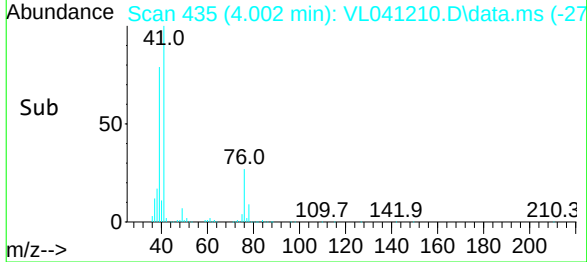
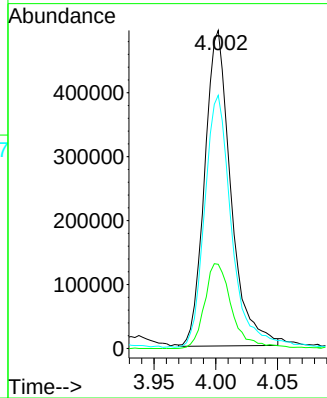
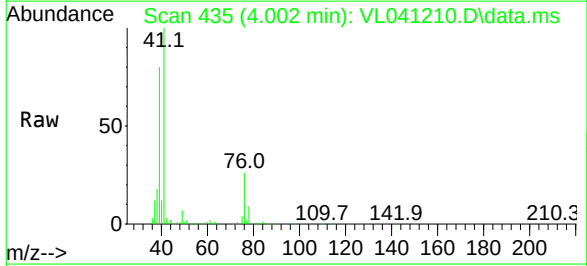
#21
 Allyl Chloride
 Concen: 10.025 ppbv
 RT: 4.002 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VL041210.D
 Acq: 6 May 2024 9:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:	41	Resp:	730205
Ion	Ratio	Lower	Upper
41	100		
76	28.3	23.7	35.5
39	83.4	64.7	97.1

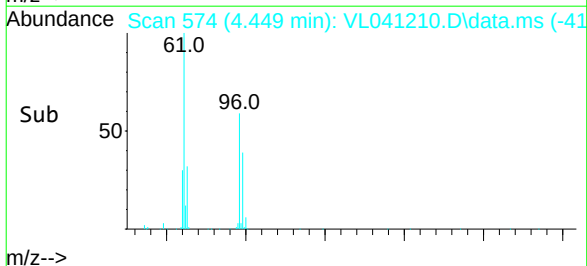
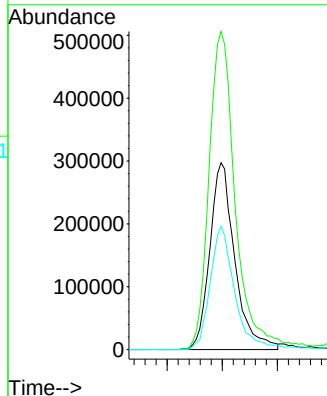
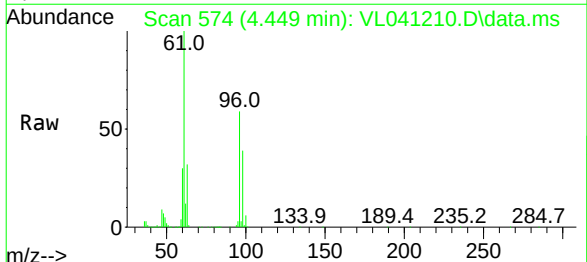
Manual Integrations
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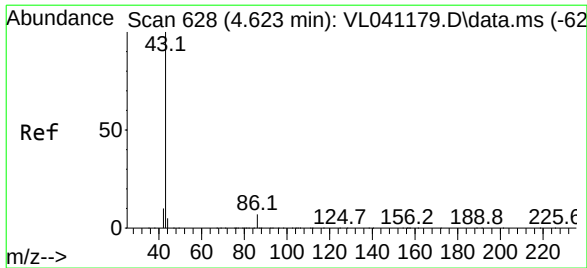
Reviewed By :Semsettin Yesilyurt 05/07/2024
 Supervised By :Mahesh Dadoda 05/07/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.508 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.000 min
 Lab File: VL041210.D
 Acq: 6 May 2024 9:22

Tgt Ion:	96	Resp:	468835
Ion	Ratio	Lower	Upper
96	100		
61	170.1	137.6	206.4
98	65.9	50.6	76.0





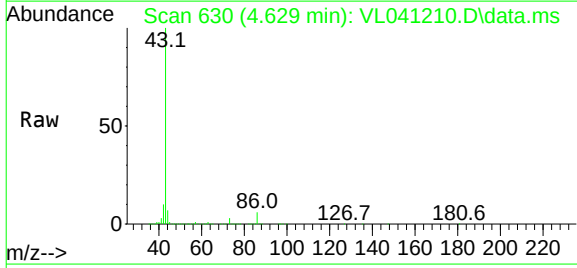
#23
 Vinyl Acetate
 Concen: 10.007 ppbv
 RT: 4.629 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VL041210.D
 Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

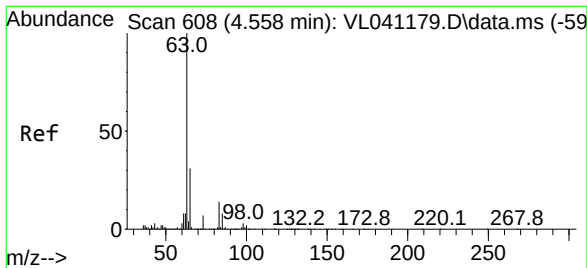
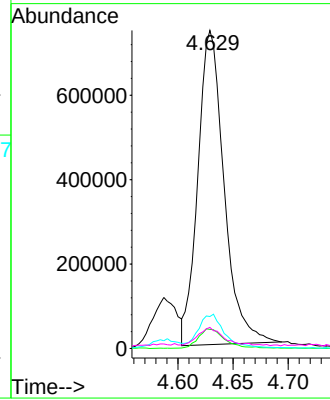
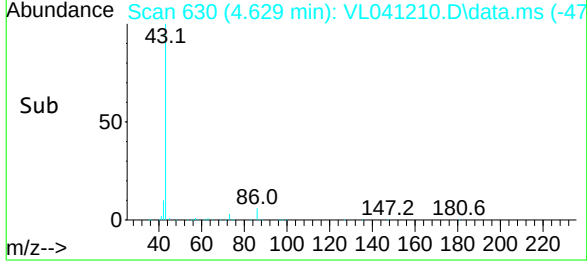


Tgt Ion: 43 Resp: 1230938
 Ion Ratio Lower Upper
 43 100
 86 6.0 4.9 7.3
 42 9.9 8.0 12.0
 44 5.9 3.7 5.5#

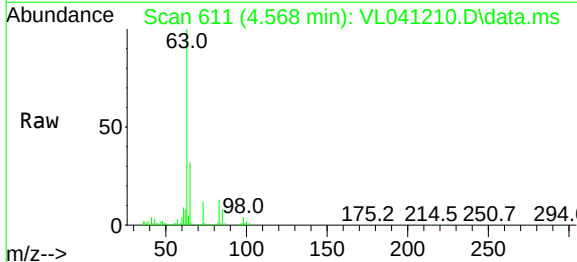
Manual Integrations

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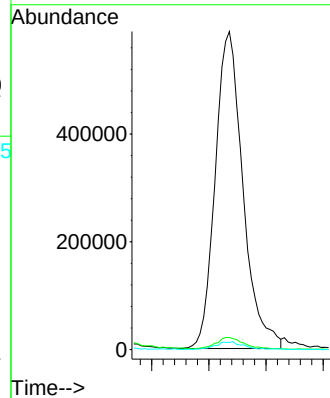
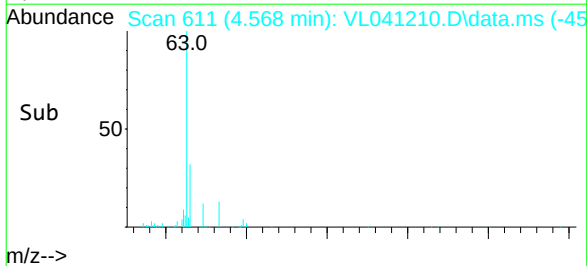
Reviewed By :Semsettin Yesilyurt 05/07/2024
 Supervised By :Mahesh Dadoda 05/07/2024

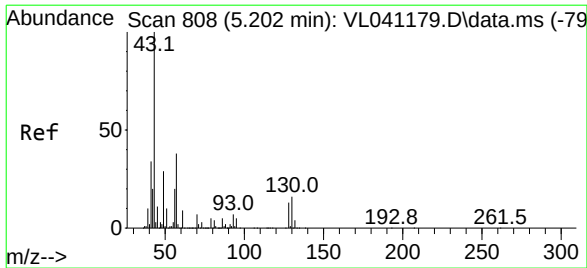


#24
 1,1-Dichloroethane
 Concen: 10.353 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL041210.D
 Acq: 6 May 2024 9:22



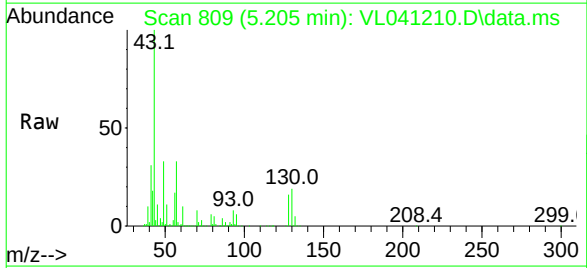
Tgt Ion: 63 Resp: 990206
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.6 4.8
 100 2.3 1.1 3.5





#25
Ethyl Acetate
Concen: 9.614 ppbv
RT: 5.205 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

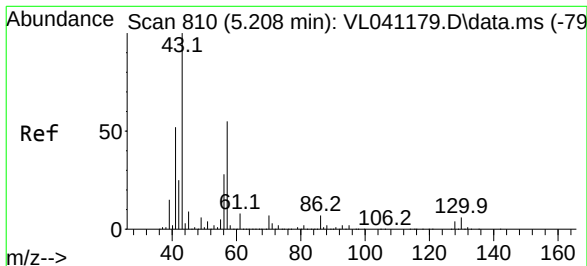
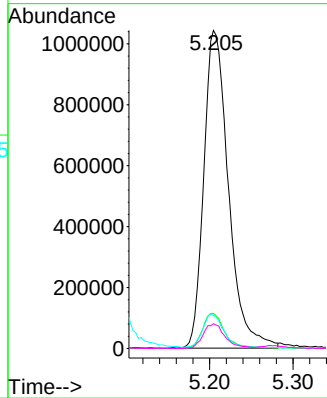
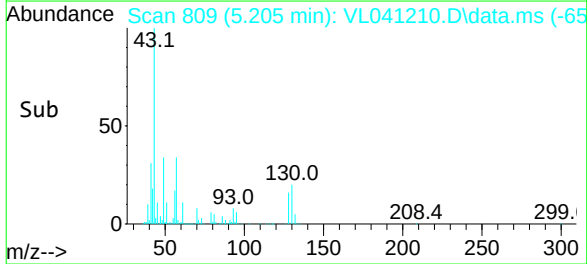
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



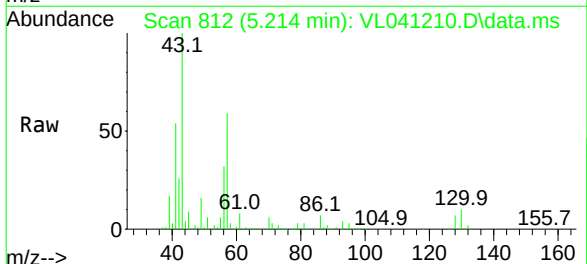
Tgt Ion: 43 Resp: 2143481
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 9.8 7.7 11.5
70 7.0 5.8 8.6

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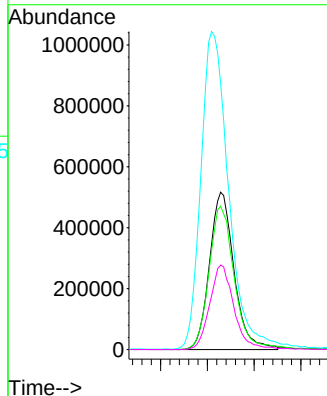
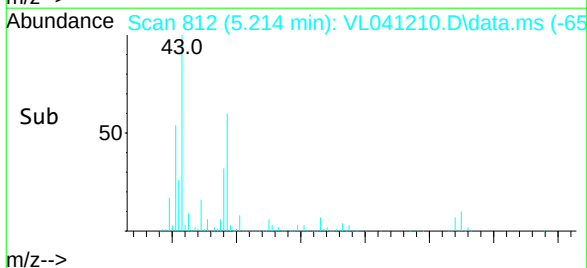
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

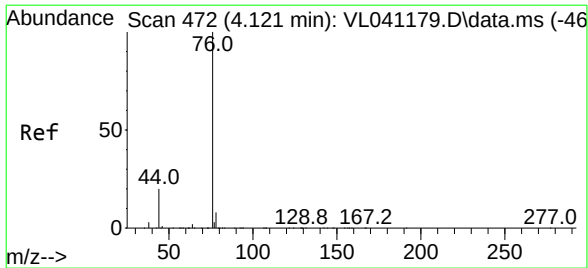


#26
Hexane
Concen: 9.466 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22



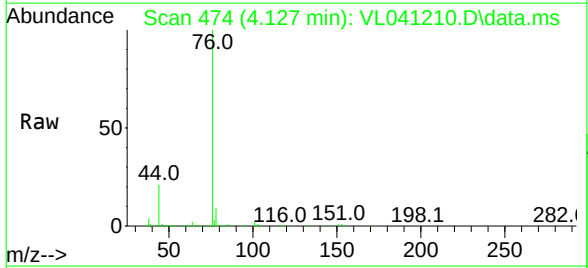
Tgt Ion: 57 Resp: 941831
Ion Ratio Lower Upper
57 100
41 94.3 75.8 113.8
43 230.6 187.0 280.4
56 53.5 42.7 64.1





#27
Carbon Disulfide
Concen: 10.026 ppbv
RT: 4.127 min Scan# 47
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

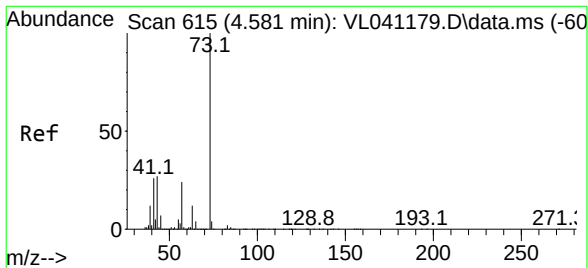
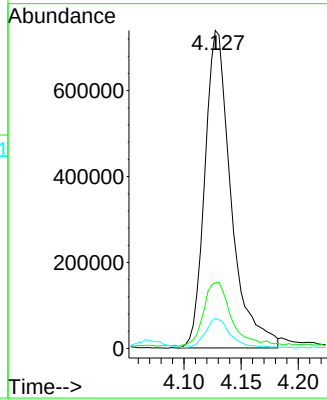
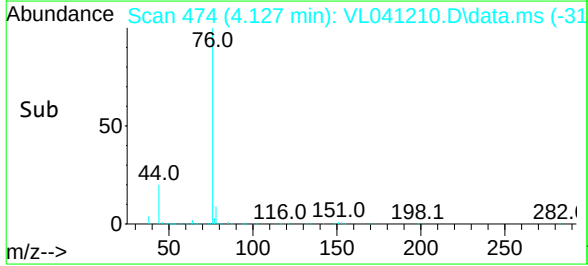
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



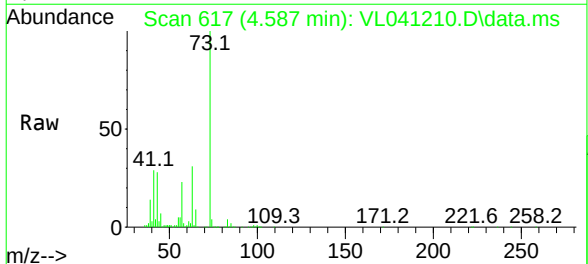
Tgt Ion: 76 Resp: 1180844
Ion Ratio Lower Upper
76 100
44 21.6 16.3 24.5
78 9.7 7.3 10.9

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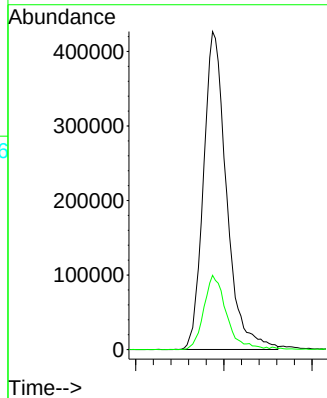
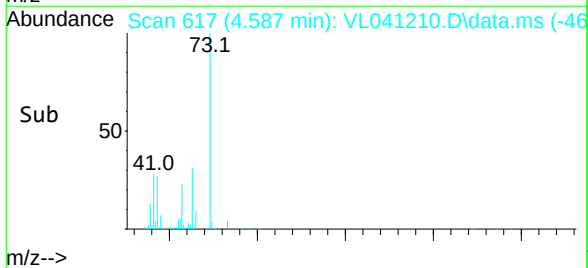
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

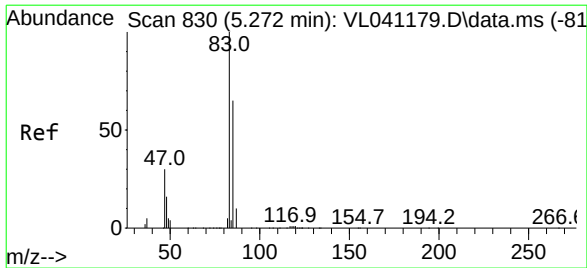


#28
Methyl tert-Butyl Ether
Concen: 9.766 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22



Tgt Ion: 73 Resp: 773741
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2





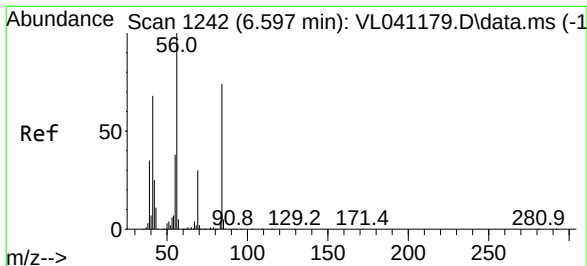
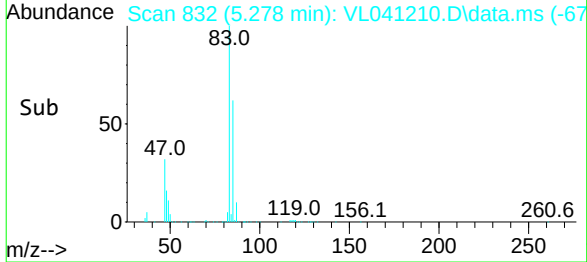
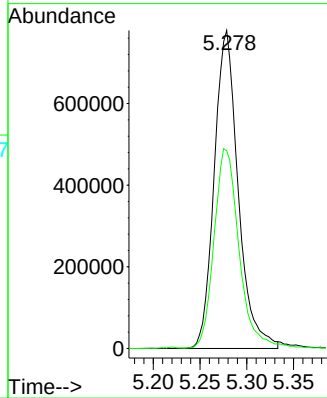
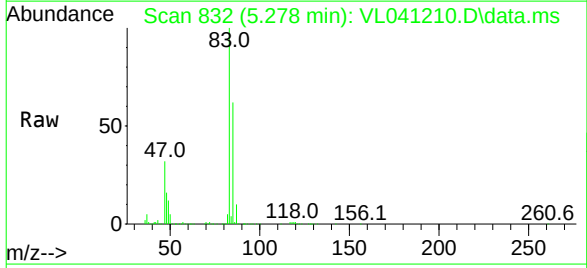
#29
Chloroform
Concen: 10.109 ppbv
RT: 5.278 min Scan# 83
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1387598
Ion Ratio Lower Upper
83 100
85 62.0 51.7 77.5

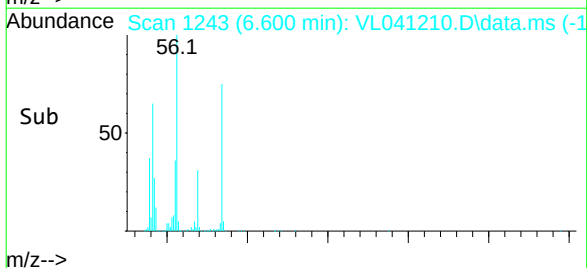
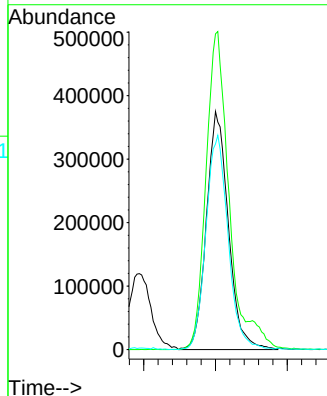
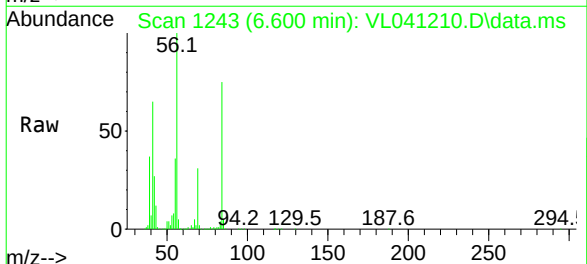
Manual Integrations
APPROVED

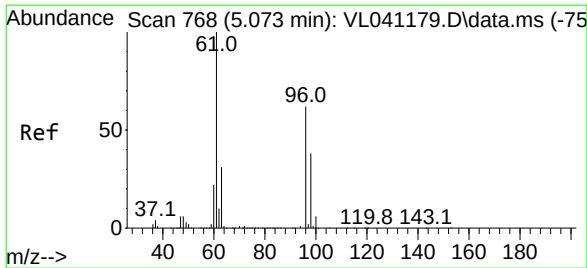
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#30
Cyclohexane
Concen: 10.131 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion: 84 Resp: 797904
Ion Ratio Lower Upper
84 100
56 141.5 116.8 175.2
41 90.7 73.8 110.8





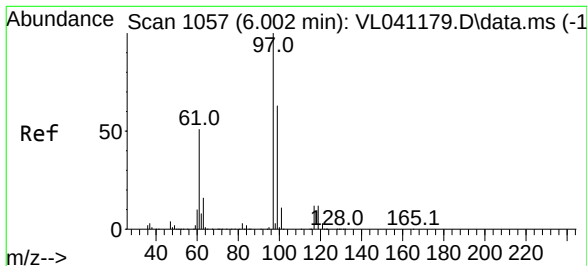
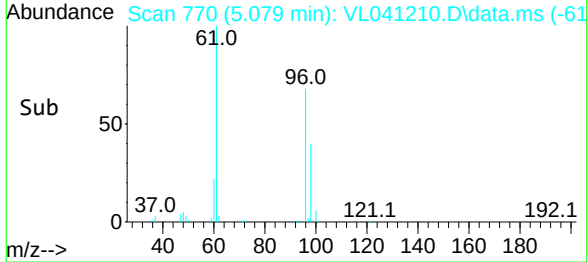
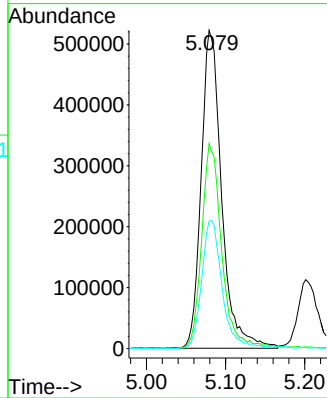
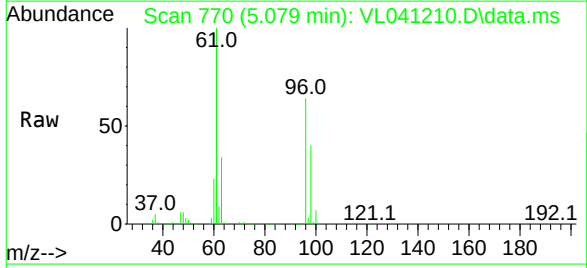
#31
 cis-1,2-Dichloroethene
 Concen: 10.057 ppbv
 RT: 5.079 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VL041210.D
 Acq: 6 May 2024 9:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:	61	Resp:	936812
Ion	Ratio	Lower	Upper
61	100		
96	64.3	49.8	74.6
98	40.1	30.0	45.0

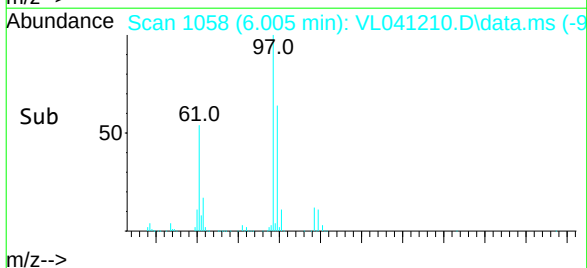
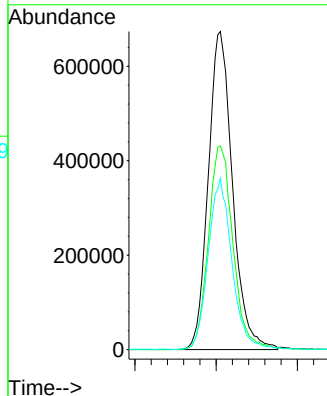
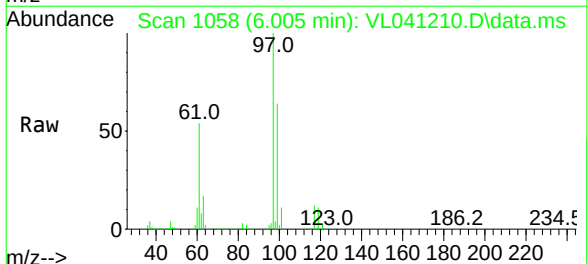
Manual Integrations
 APPROVED

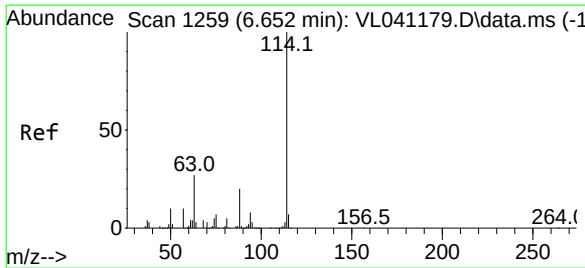
Reviewed By :Semsettin Yesilyurt 05/07/2024
 Supervised By :Mahesh Dadoda 05/07/2024



#32
 1,1,1-Trichloroethane
 Concen: 10.189 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VL041210.D
 Acq: 6 May 2024 9:22

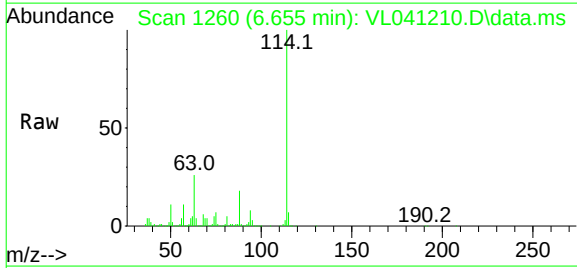
Tgt Ion:	97	Resp:	1395510
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.7	77.5
61	53.0	41.1	61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

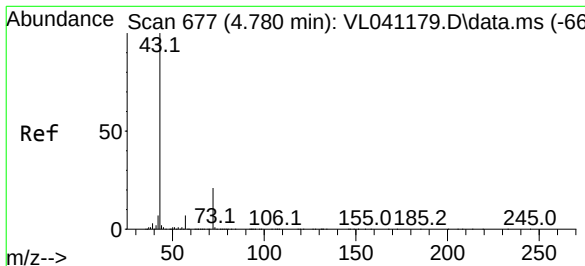
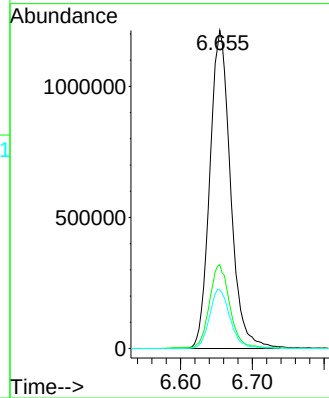
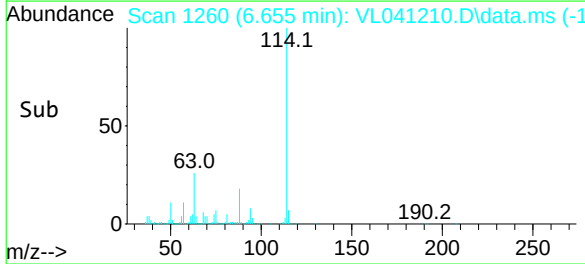
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 2427265
Ion Ratio Lower Upper
114 100
63 26.5 21.8 32.6
88 18.6 15.2 22.8

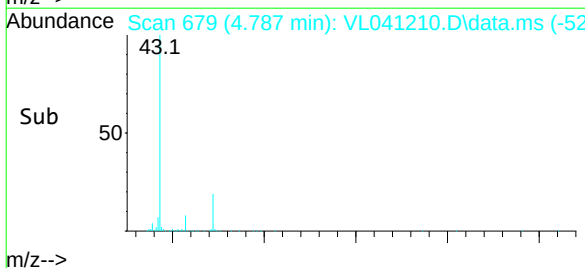
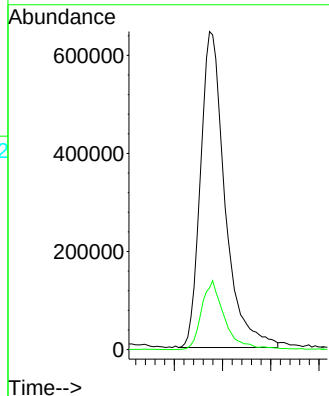
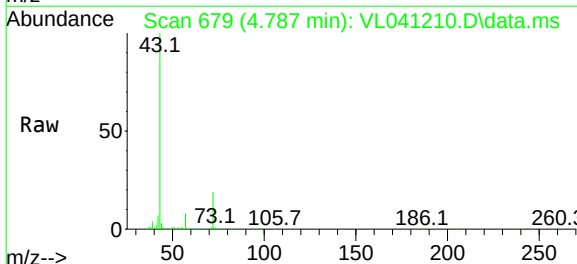
Manual Integrations
APPROVED

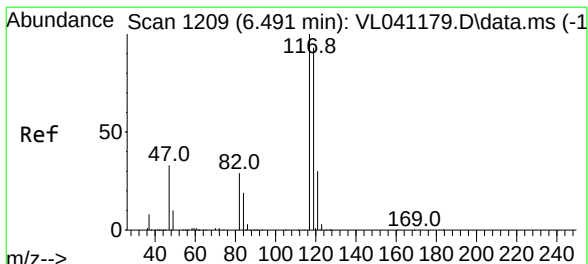
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#34
2-Butanone
Concen: 9.202 ppbv
RT: 4.787 min Scan# 679
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion: 43 Resp: 1136855
Ion Ratio Lower Upper
43 100
72 21.0 17.3 25.9





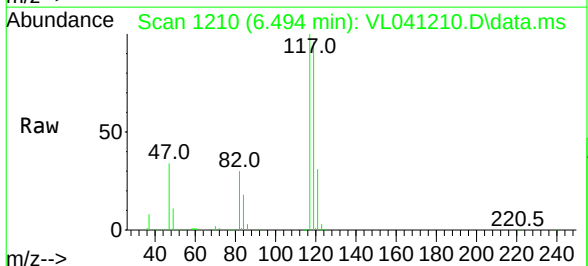
#35
Carbon Tetrachloride
Concen: 10.249 ppbv
RT: 6.494 min Scan# 1210
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

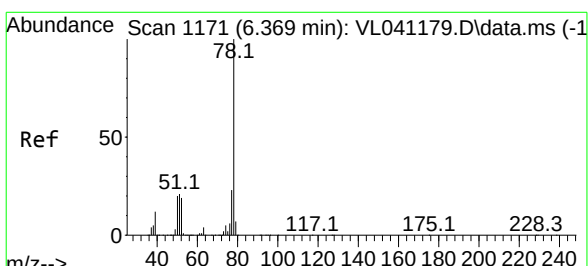
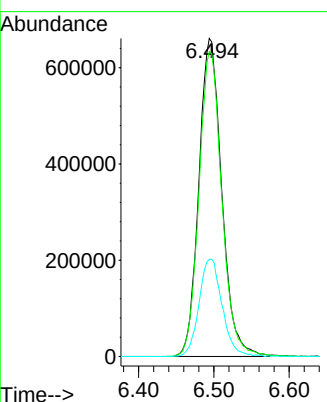
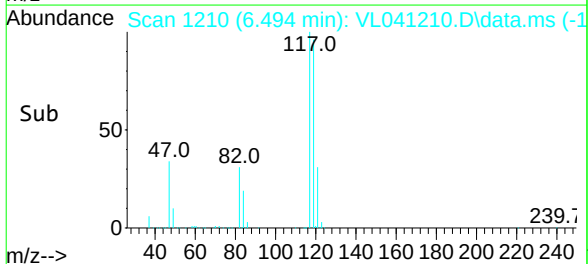


Tgt Ion: 117 Resp: 1396146

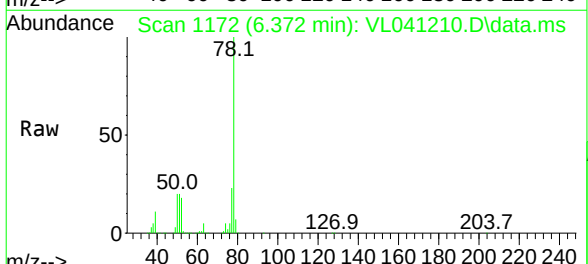
Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.3	111.5
121	30.5	23.8	35.8

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

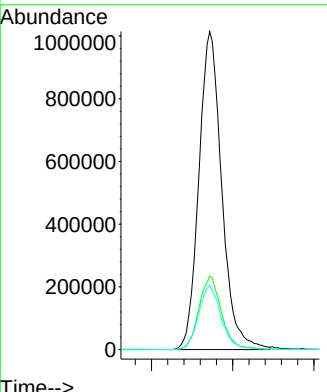
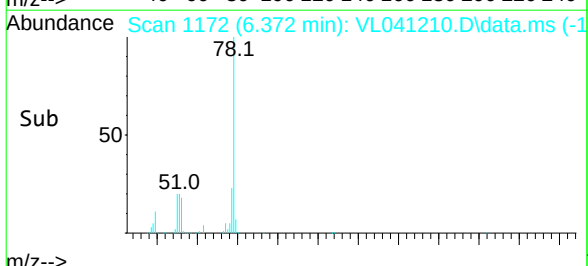


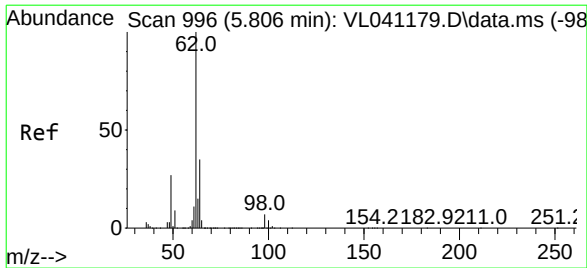
#36
Benzene
Concen: 9.734 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22



Tgt Ion: 78 Resp: 1982686

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.3	27.5
50	20.3	15.9	23.9





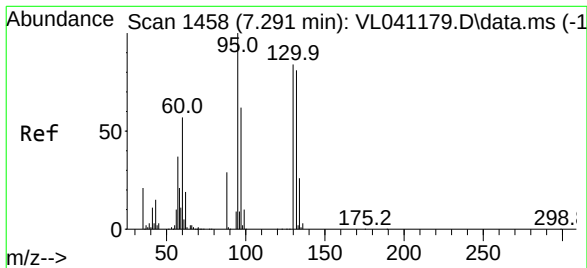
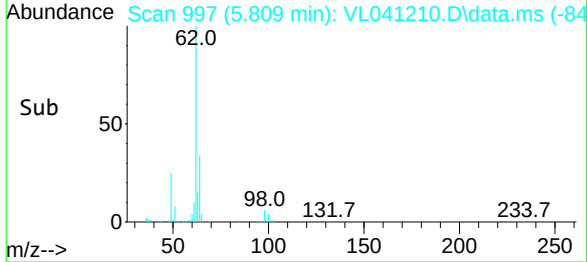
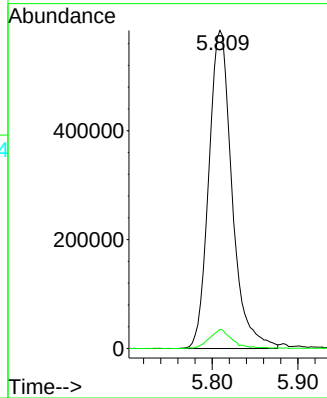
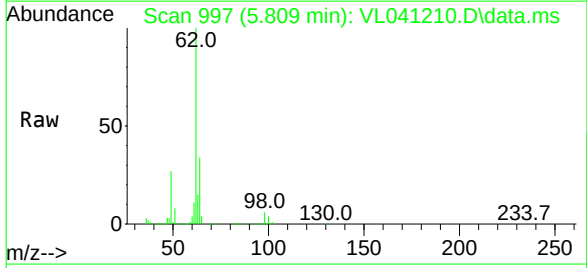
#37
1,2-Dichloroethane
Concen: 10.376 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1102774
Ion Ratio Lower Upper
62 100
98 5.8 5.0 7.4

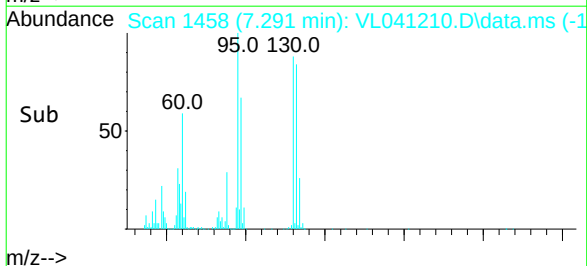
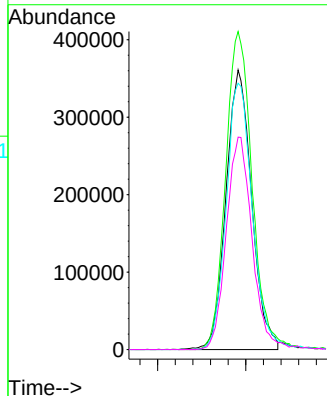
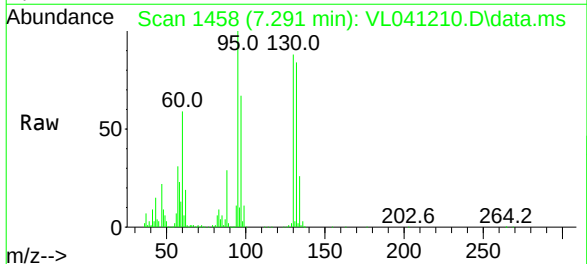
Manual Integrations
APPROVED

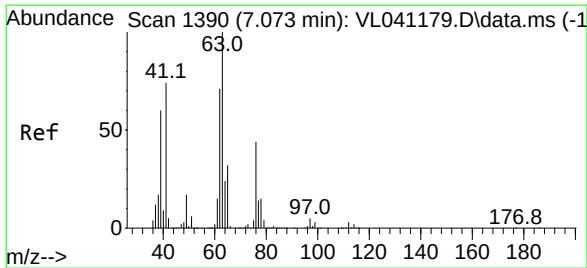
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#38
Trichloroethene
Concen: 9.598 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

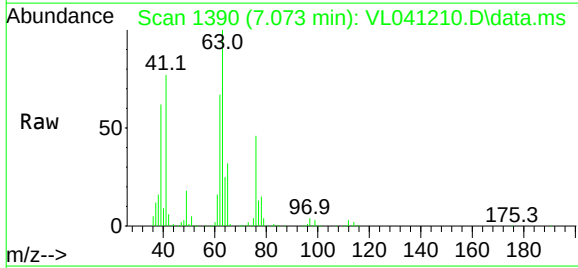
Tgt Ion:130 Resp: 728563
Ion Ratio Lower Upper
130 100
95 113.7 95.0 142.6
132 95.2 77.0 115.4
97 76.0 59.1 88.7





#39
1,2-Dichloropropane
Concen: 9.816 ppbv
RT: 7.073 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

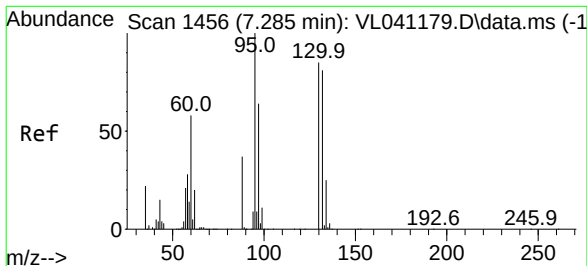
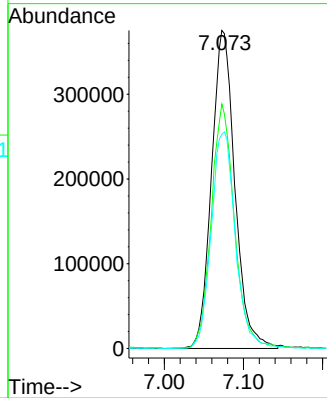
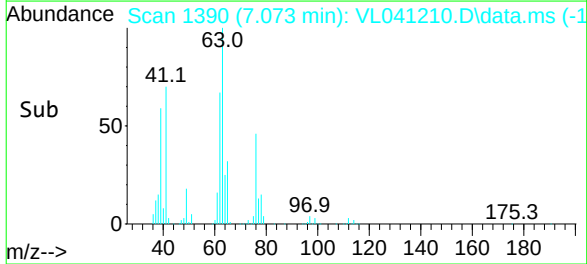
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



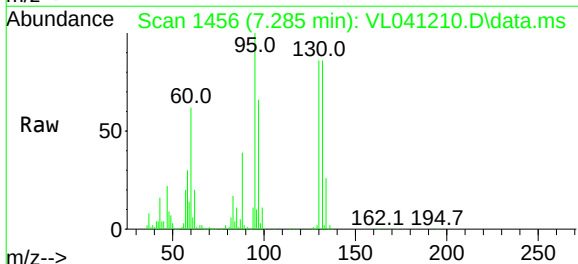
Tgt Ion: 63 Resp: 770584
Ion Ratio Lower Upper
63 100
41 76.7 59.4 89.0
62 67.2 56.8 85.2

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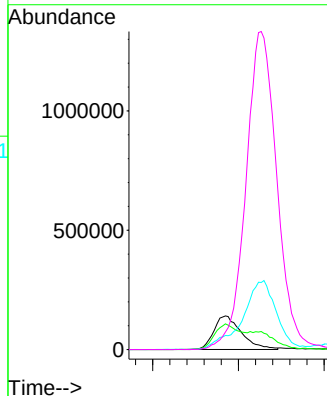
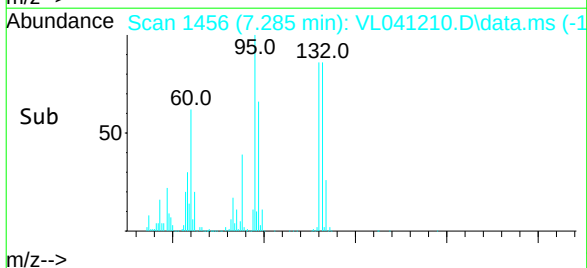
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

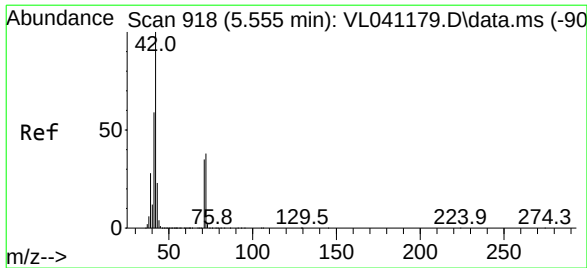


#40
1,4-Dioxane
Concen: 11.215 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22



Tgt Ion: 88 Resp: 314522
Ion Ratio Lower Upper
88 100
58 124.8 106.1 159.1
43 255.5 219.8 329.6
57 1069.3 936.0 1404.0





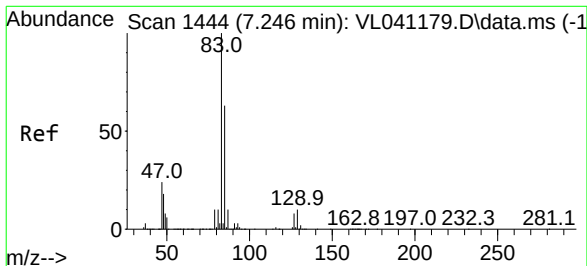
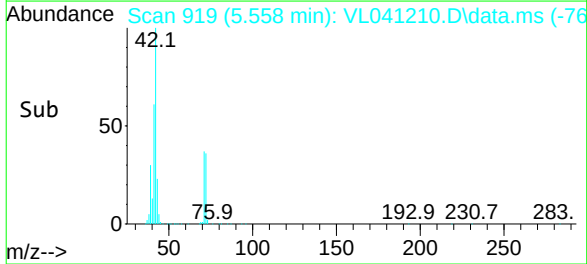
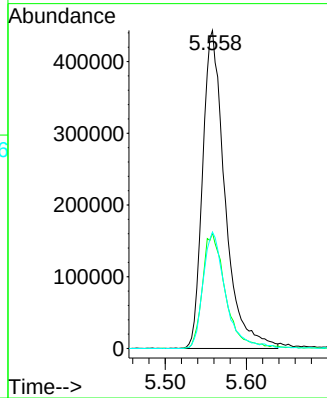
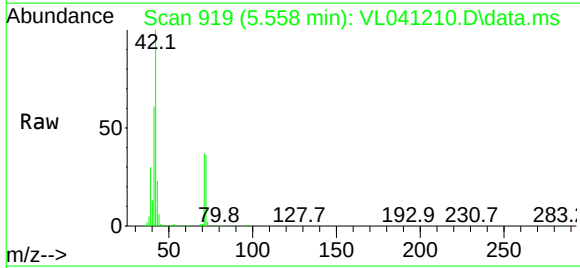
#41
Tetrahydrofuran
Concen: 9.488 ppbv
RT: 5.558 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.7	29.4	44.0
71	37.0	29.1	43.7

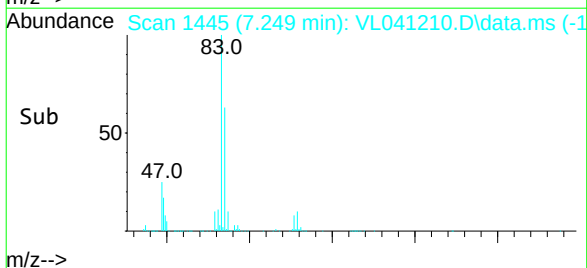
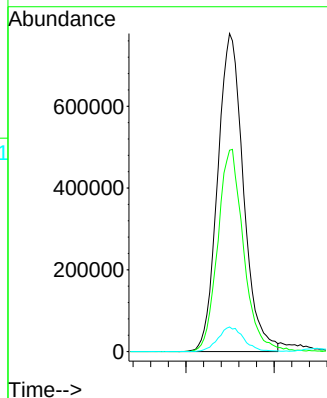
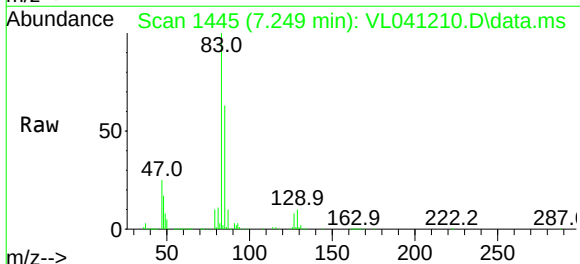
Manual Integrations
APPROVED

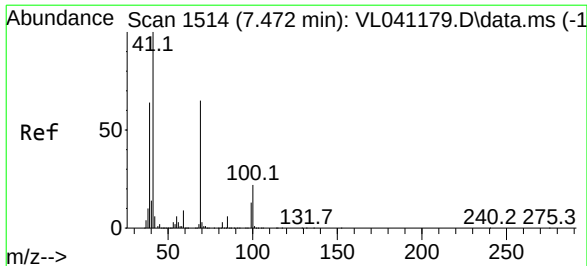
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#42
Bromodichloromethane
Concen: 10.355 ppbv
RT: 7.249 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

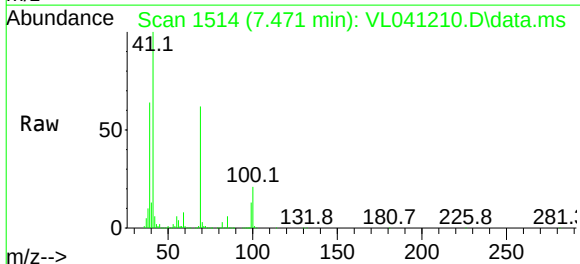
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	75.8
127	7.7	6.2	9.4





#43
Methyl Methacrylate
Concen: 9.864 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

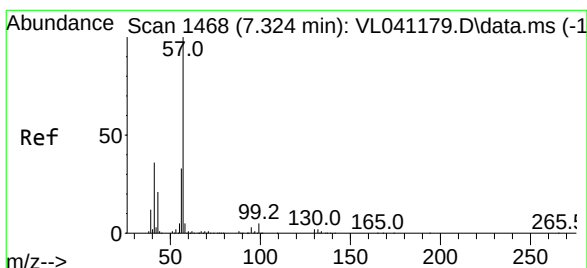
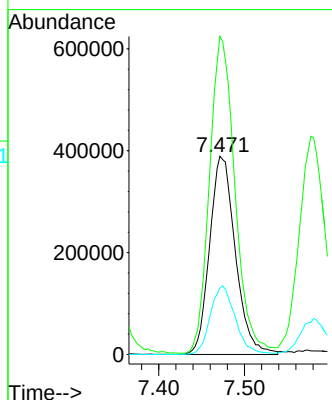
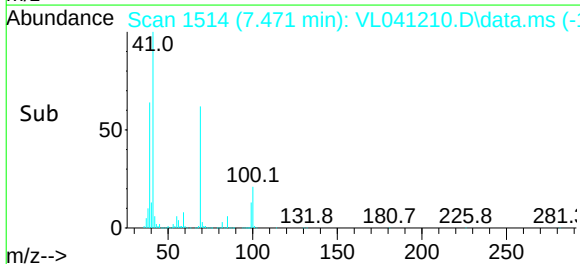
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



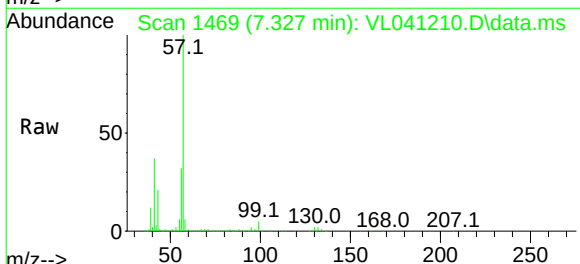
Tgt Ion: 69 Resp: 812617
Ion Ratio Lower Upper
69 100
41 159.5 125.2 187.8
100 33.6 26.7 40.1

Manual Integrations
APPROVED

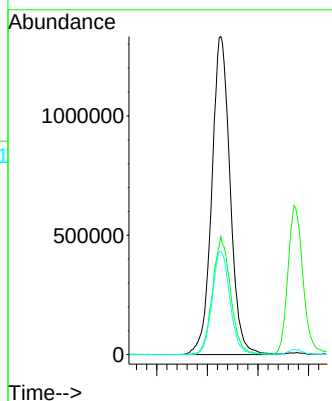
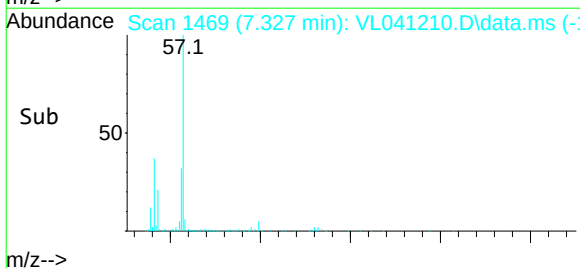
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

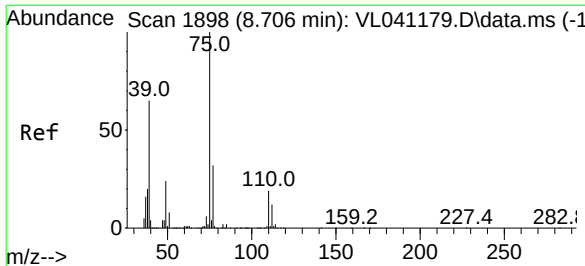


#44
2,2,4-Trimethylpentane
Concen: 9.576 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22



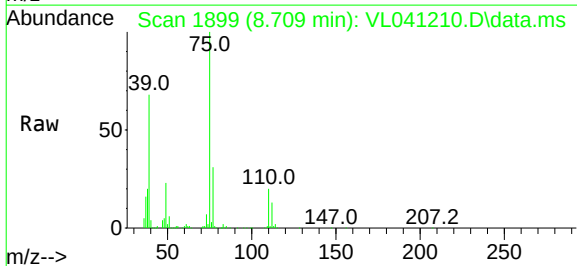
Tgt Ion: 57 Resp: 3363027
Ion Ratio Lower Upper
57 100
41 36.4 29.5 44.3
56 31.6 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.310 ppbv
RT: 8.709 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

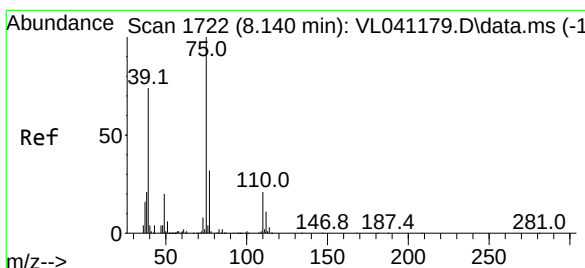
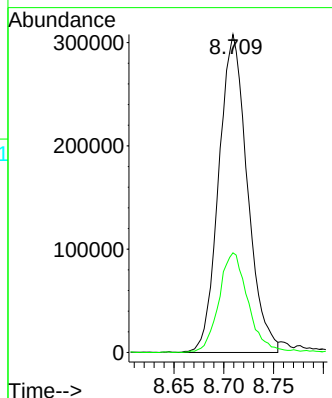
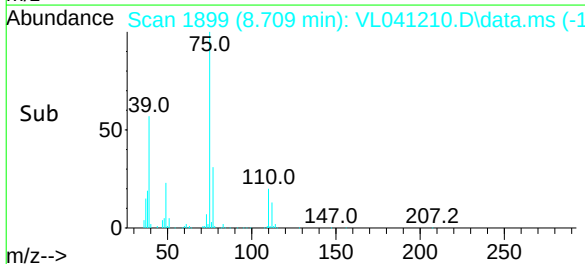
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



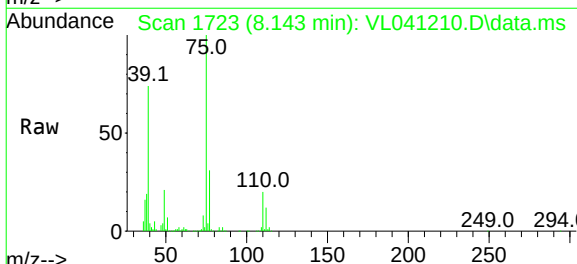
Tgt Ion: 75 Resp: 615529
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

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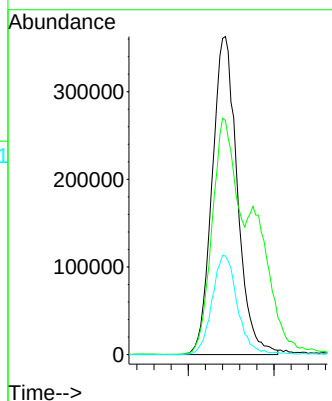
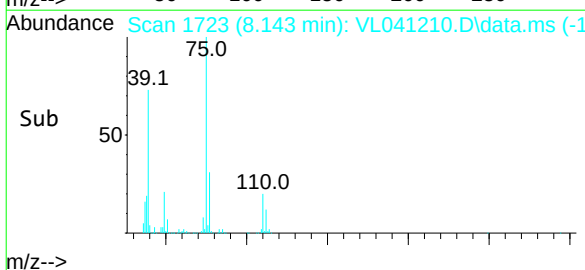
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

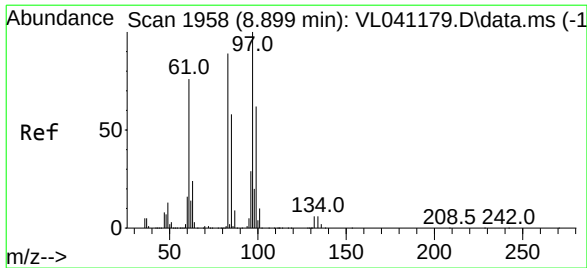


#46
cis-1,3-Dichloropropene
Concen: 10.132 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22



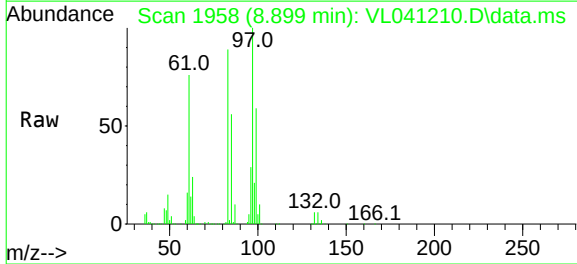
Tgt Ion: 75 Resp: 740513
Ion Ratio Lower Upper
75 100
39 73.4 59.4 89.2
77 31.0 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 10.159 ppbv
RT: 8.899 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

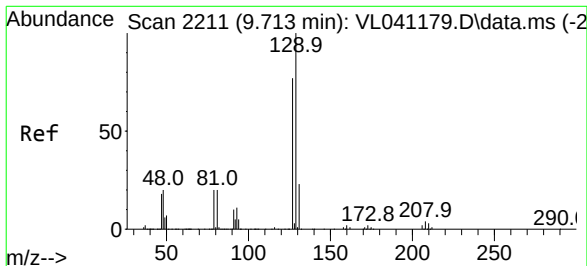
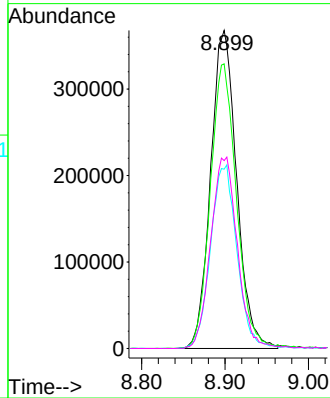
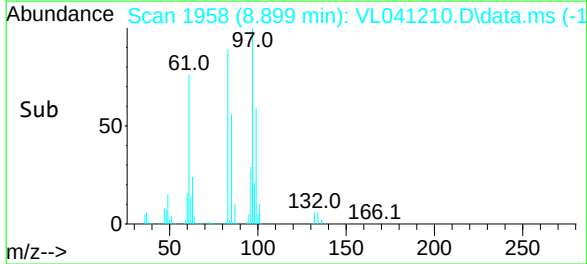
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



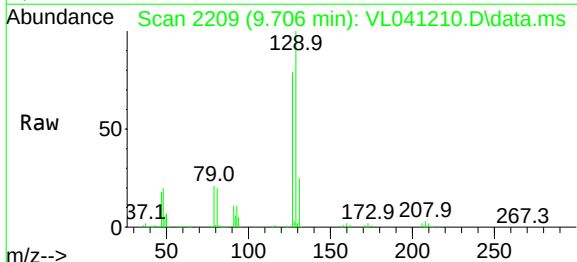
Tgt Ion:	97	Resp:	798209
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.2	106.8
85	56.3	46.0	69.0
99	59.0	49.7	74.5

Manual Integrations
APPROVED

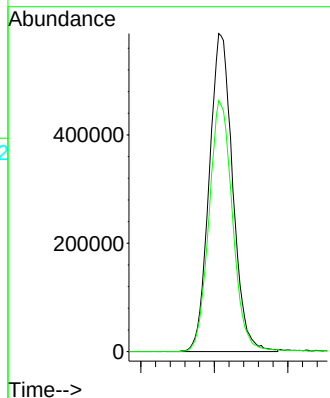
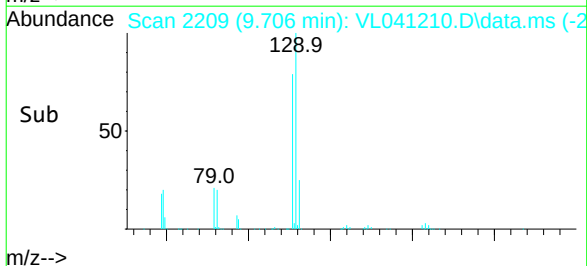
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024

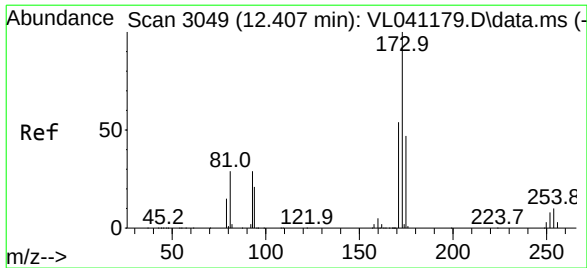


#48
Dibromochloromethane
Concen: 10.397 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22



Tgt Ion:	129	Resp:	1301581
Ion	Ratio	Lower	Upper
129	100		
127	79.6	39.1	117.5





#49

Bromoform

Concen: 10.378 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

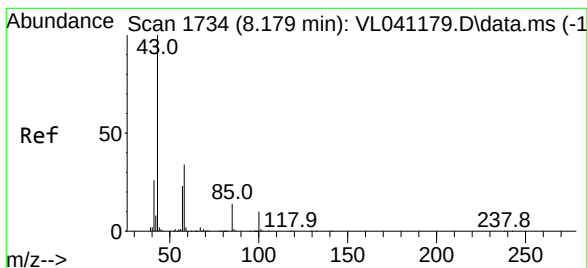
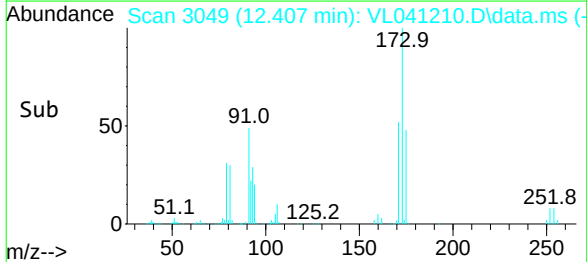
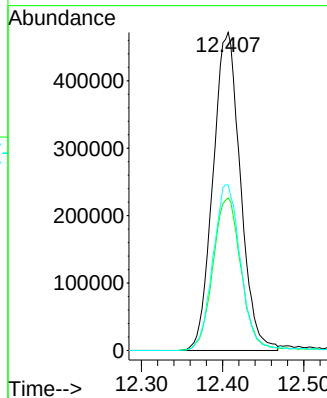
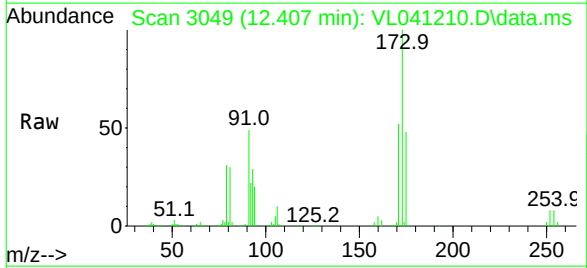
Tgt Ion: 173 Resp: 1105262

Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.8	59.8
171	53.4	41.8	62.8

Manual Integrations

APPROVED

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



#50

4-Methyl-2-Pentanone

Concen: 9.510 ppbv

RT: 8.179 min Scan# 1734

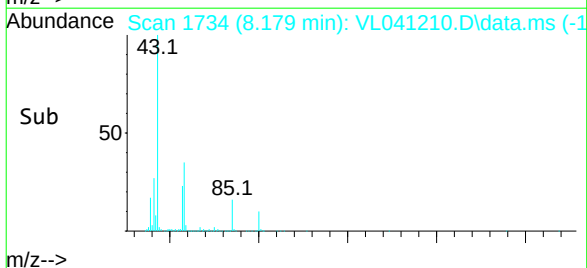
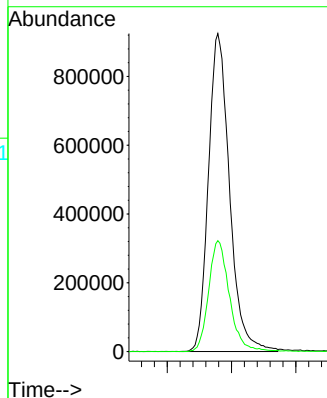
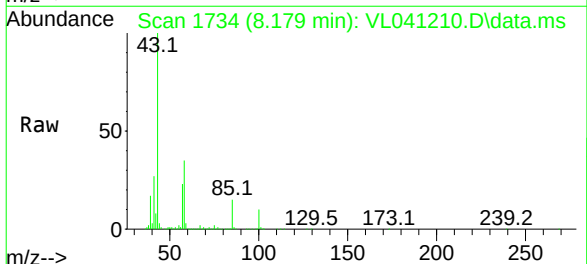
Delta R.T. 0.000 min

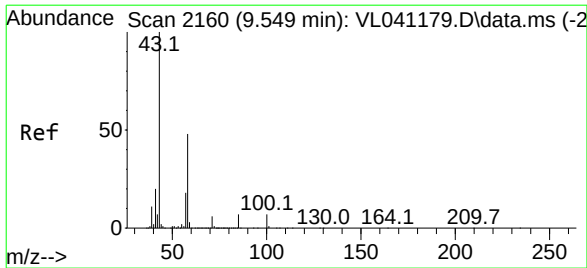
Lab File: VL041210.D

Acq: 6 May 2024 9:22

Tgt Ion: 43 Resp: 2108458

Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.7	41.5





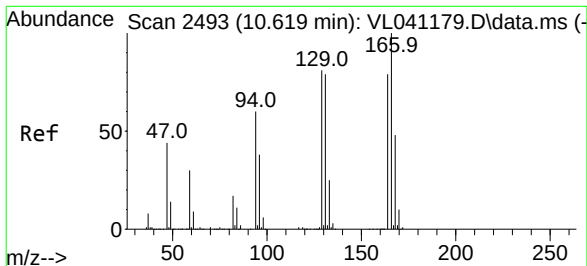
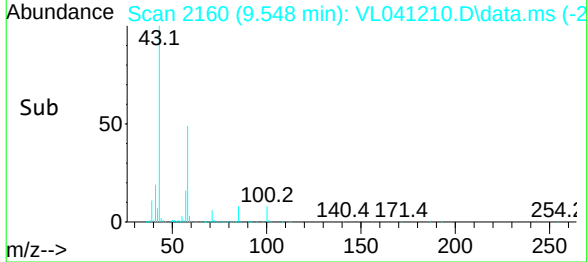
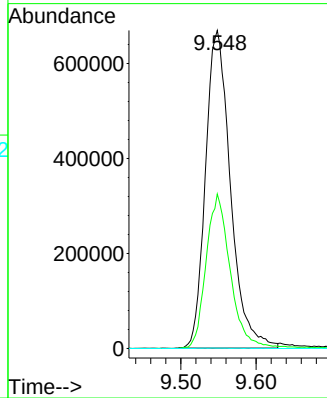
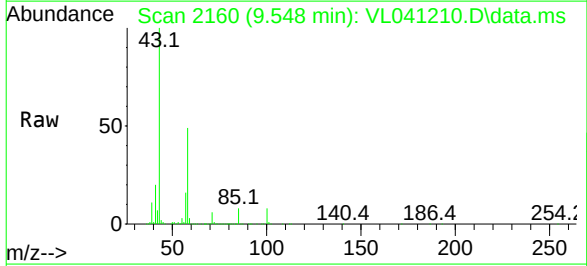
#51
2-Hexanone
Concen: 9.374 ppbv
RT: 9.548 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1541531
Ion Ratio Lower Upper
43 100
58 47.5 38.4 57.6
98 0.1 0.0 0.0

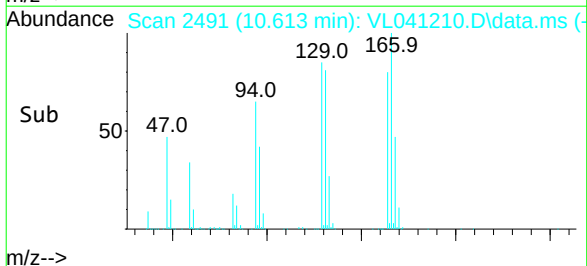
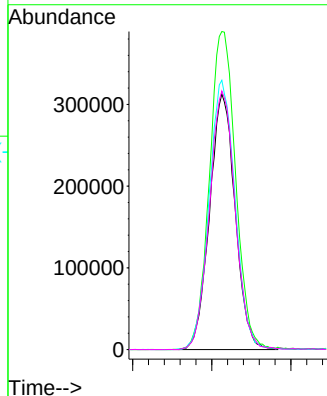
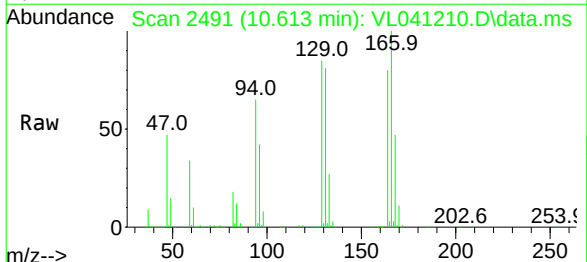
Manual Integrations
APPROVED

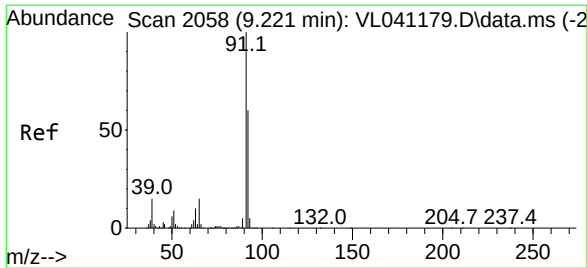
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#52
Tetrachloroethene
Concen: 9.773 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion:164 Resp: 699657
Ion Ratio Lower Upper
164 100
166 124.4 101.1 151.7
129 105.2 81.7 122.5
131 101.2 80.4 120.6





#53

Toluene

Concen: 9.765 ppbv

RT: 9.220 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 2306312

Ion Ratio Lower Upper

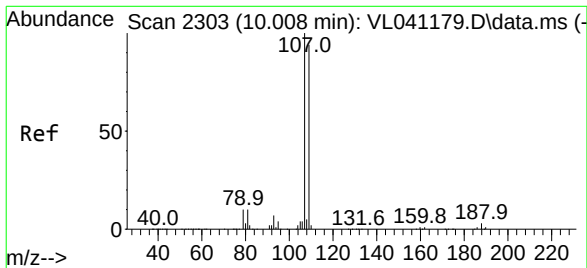
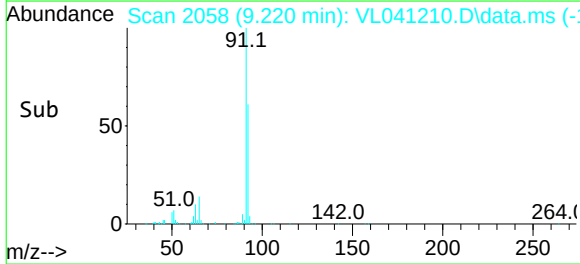
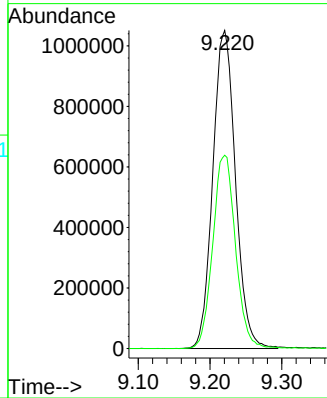
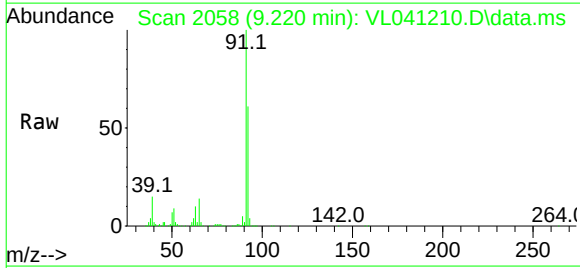
91 100

92 61.1 48.2 72.4

Manual Integrations

APPROVED

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



#54

1,2-Dibromoethane

Concen: 10.381 ppbv

RT: 10.005 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VL041210.D

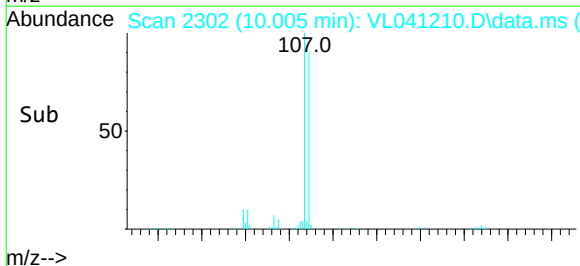
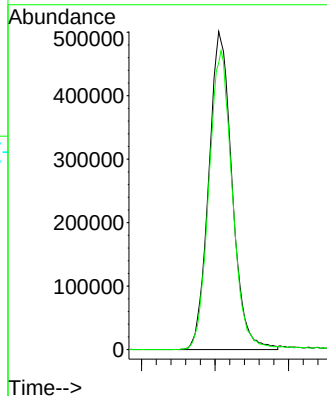
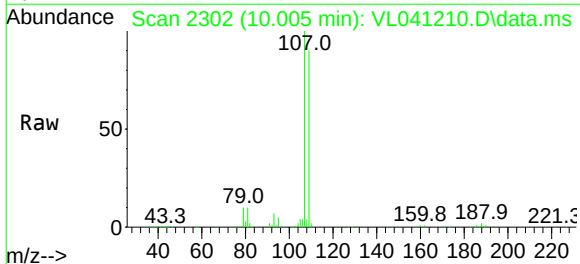
Acq: 6 May 2024 9:22

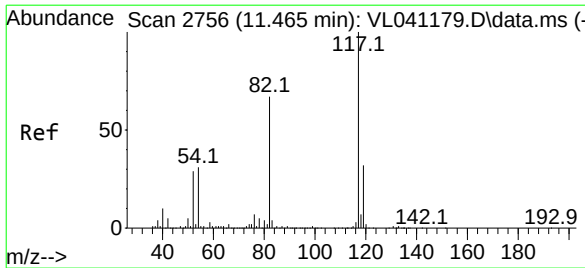
Tgt Ion:107 Resp: 1104747

Ion Ratio Lower Upper

107 100

109 90.1 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 2362196

Ion Ratio Lower Upper

117 100

82 64.7 53.6 80.4

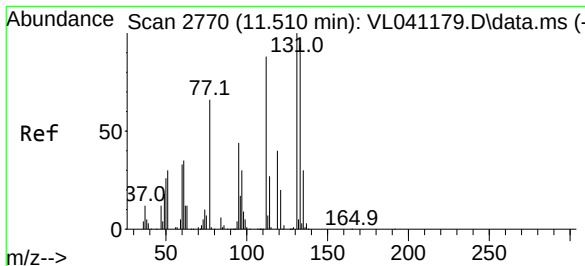
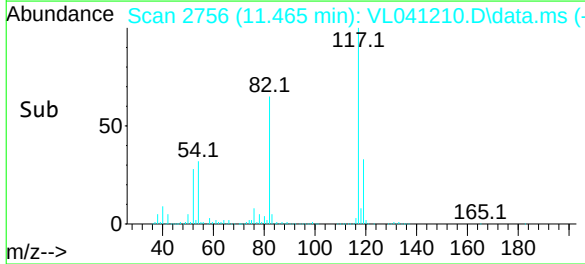
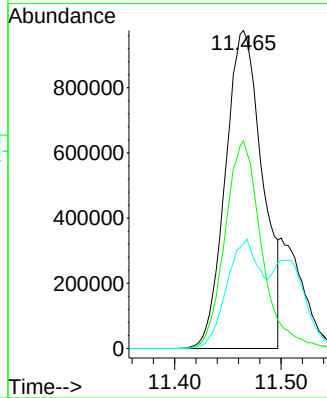
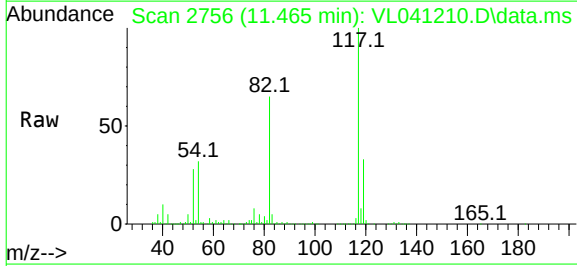
119 30.3 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 10.002 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

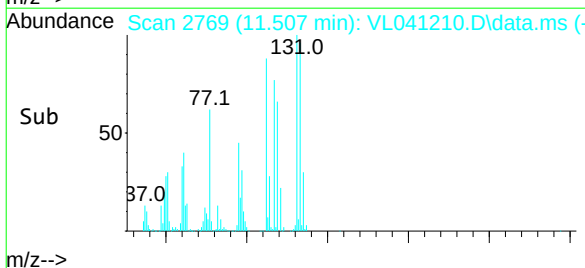
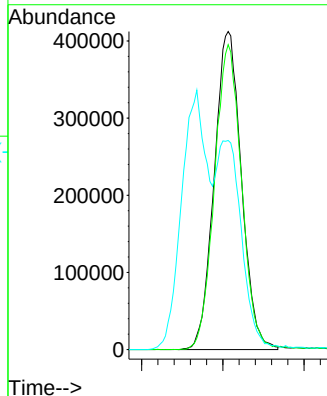
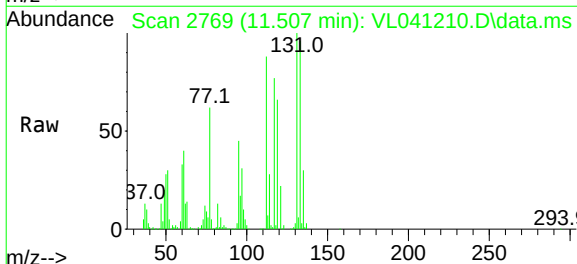
Tgt Ion:131 Resp: 958079

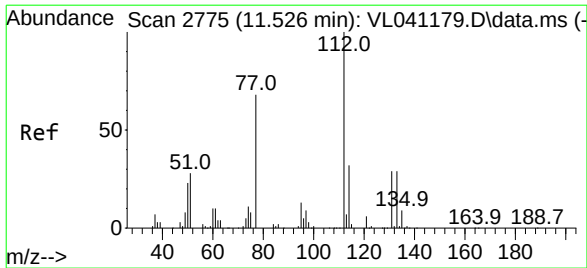
Ion Ratio Lower Upper

131 100

133 96.1 76.3 114.5

119 61.6 49.4 74.2





#57

Chlorobenzene

Concen: 9.732 ppbv

RT: 11.523 min Scan# 2775

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 1683675

Ion Ratio Lower Upper

112 100

77 65.9 54.9 82.3

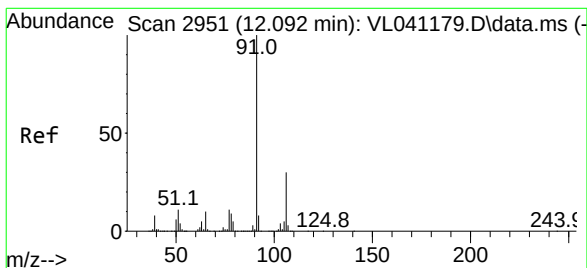
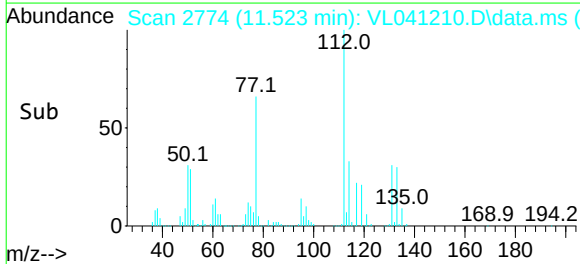
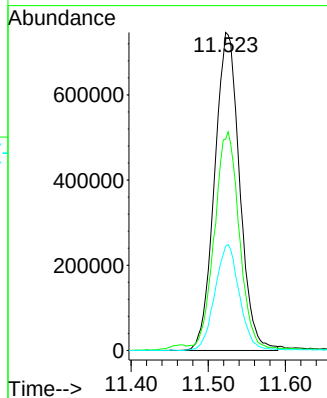
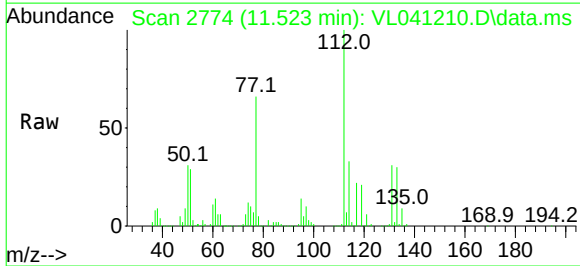
114 32.8 28.7 35.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#58

Ethyl Benzene

Concen: 9.437 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VL041210.D

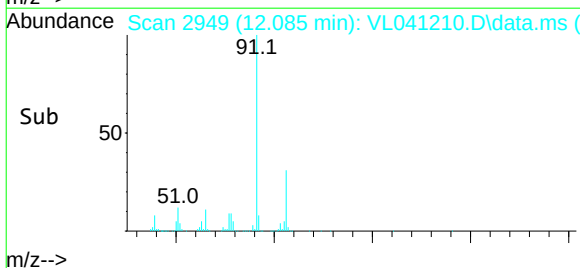
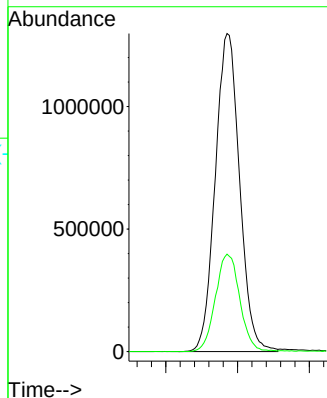
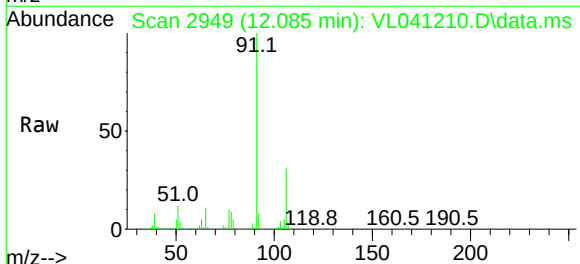
Acq: 6 May 2024 9:22

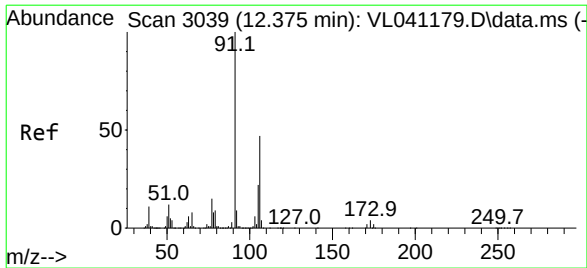
Tgt Ion: 91 Resp: 3056695

Ion Ratio Lower Upper

91 100

106 30.6 24.3 36.5





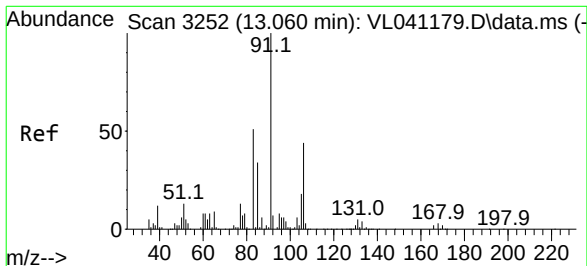
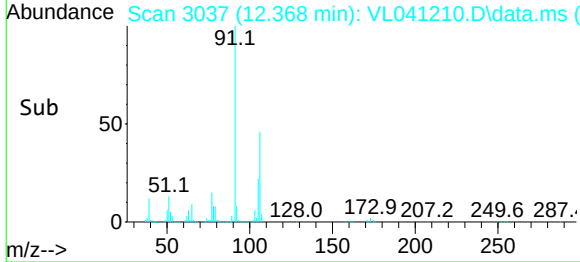
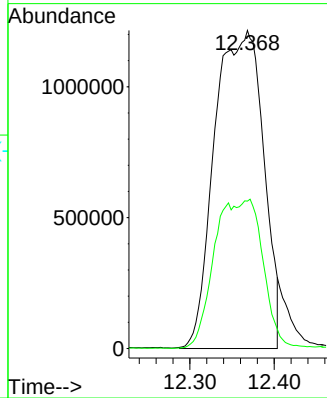
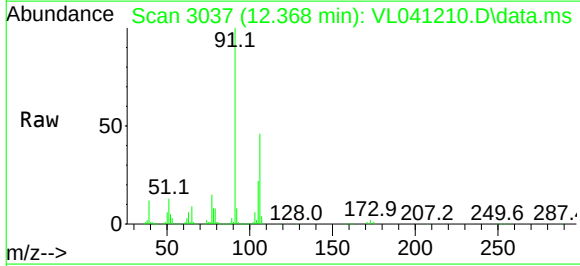
#59
m/p-Xylene
Concen: 17.859 ppbv m
RT: 12.368 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 4861671
Ion Ratio Lower Upper
91 100
106 47.2 35.7 53.5

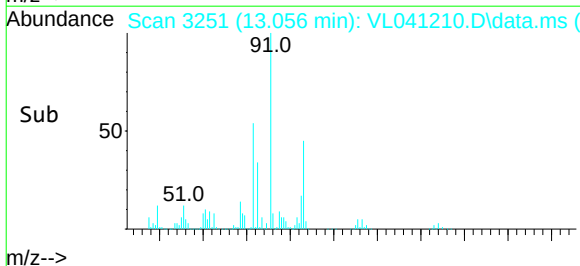
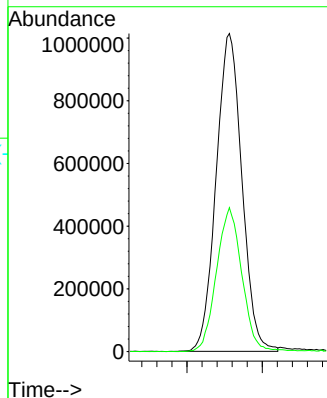
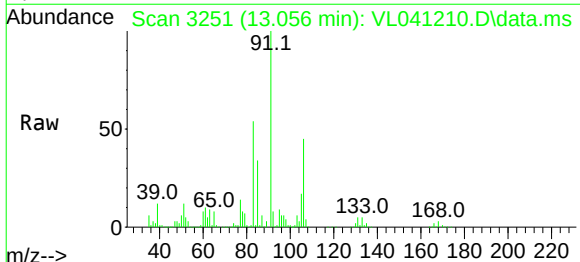
Manual Integrations
APPROVED

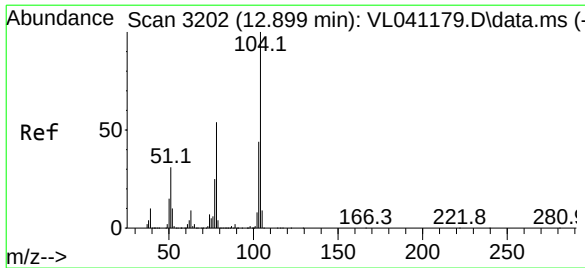
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#60
o-Xylene
Concen: 9.441 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion: 91 Resp: 2409196
Ion Ratio Lower Upper
91 100
106 45.0 22.4 67.3





#61

Styrene

Concen: 9.831 ppbv

RT: 12.896 min Scan# 3202

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1325258

Ion Ratio Lower Upper

104 100

78 52.6 42.6 63.8

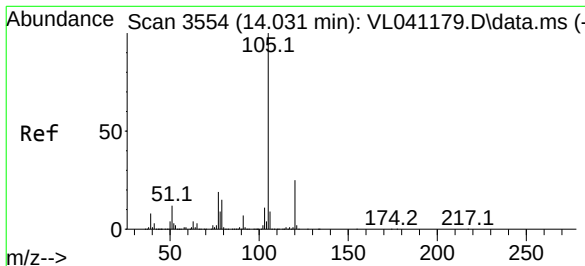
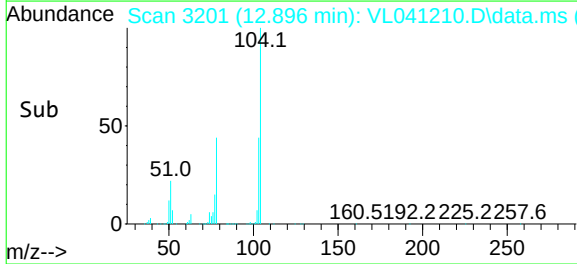
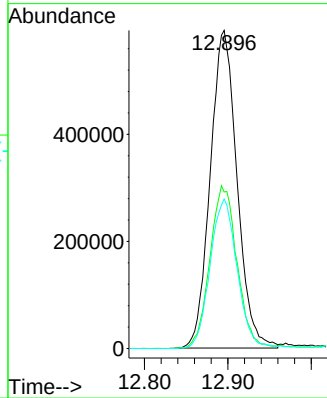
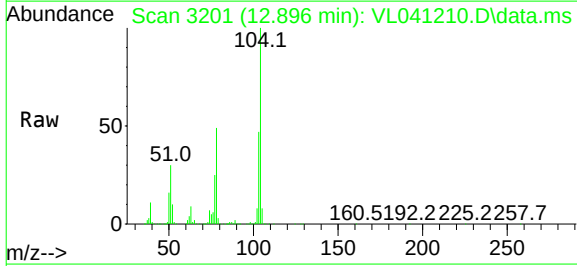
103 48.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#62

Isopropylbenzene

Concen: 9.413 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041210.D

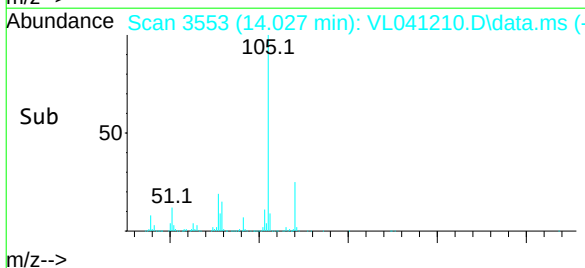
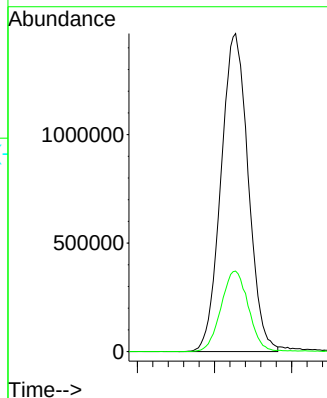
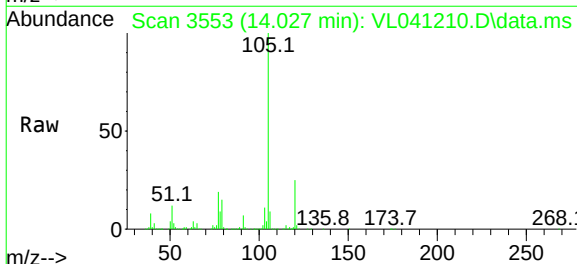
Acq: 6 May 2024 9:22

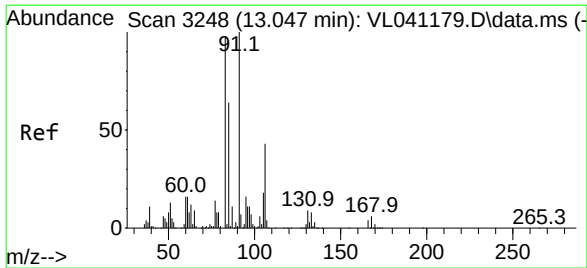
Tgt Ion:105 Resp: 3592763

Ion Ratio Lower Upper

105 100

120 25.8 20.2 30.2





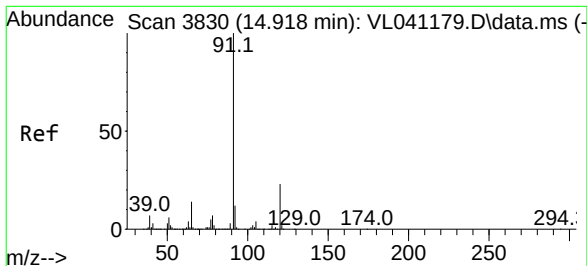
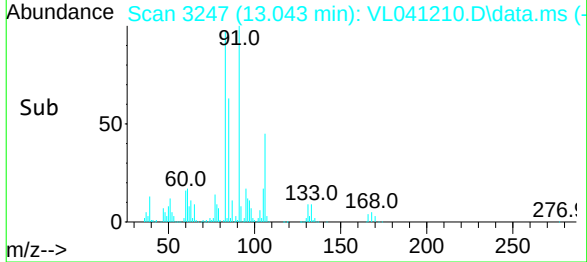
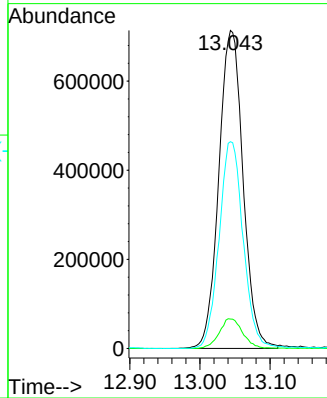
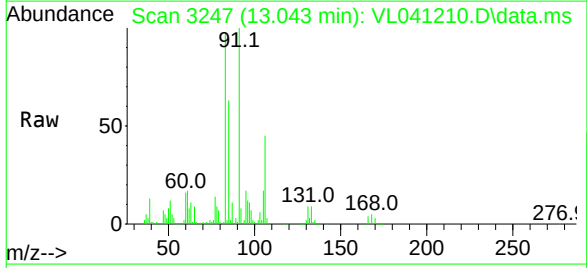
#63
1,1,2,2-Tetrachloroethane
Concen: 9.844 ppbv
RT: 13.043 min Scan# 3248
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 83 Resp: 1712315
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.5
85 65.3 32.7 98.1

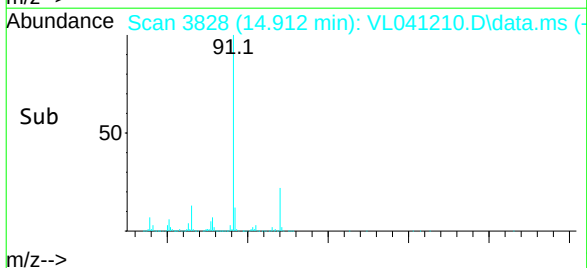
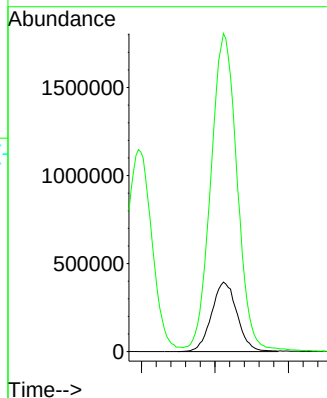
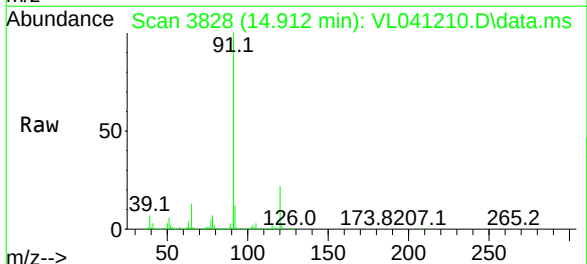
Manual Integrations
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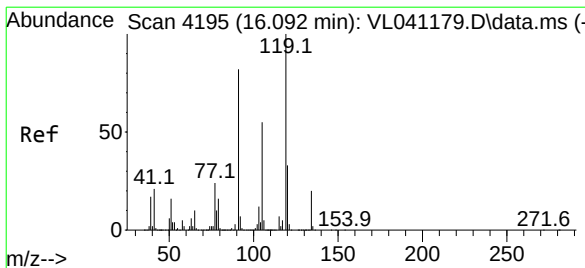
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#64
n-propylbenzene
Concen: 9.984 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion:120 Resp: 950692
Ion Ratio Lower Upper
120 100
91 474.5 384.8 577.2





#65

tert-Butylbenzene

Concen: 9.226 ppbv

RT: 16.085 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3153918

Ion Ratio Lower Upper

119 100

91 83.5 67.0 100.4

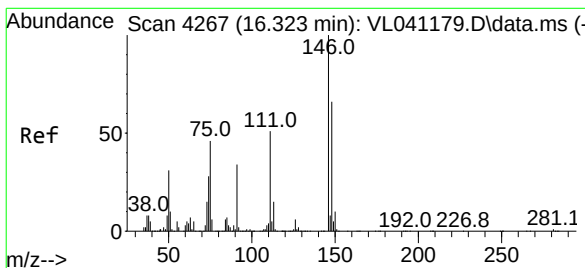
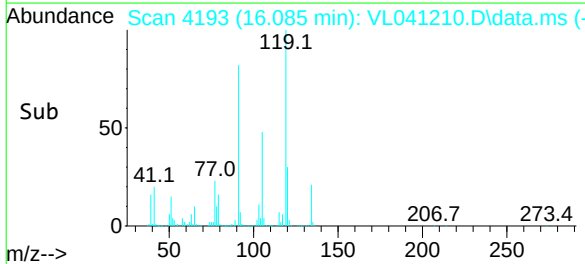
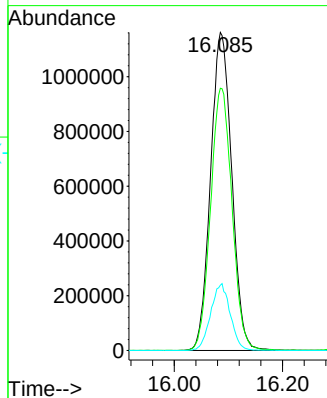
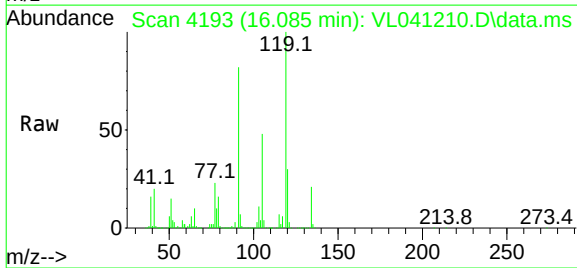
134 19.5 15.2 22.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#66

Benzyl Chloride

Concen: 7.723 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

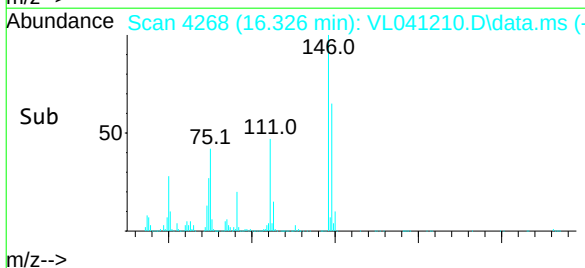
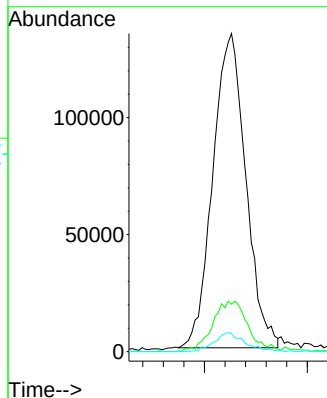
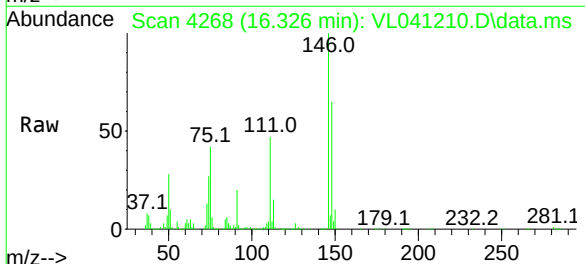
Tgt Ion: 91 Resp: 298865

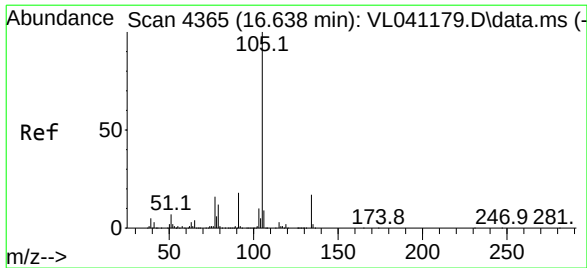
Ion Ratio Lower Upper

91 100

126 17.8 14.6 21.8

128 5.7 4.7 7.1





#67

sec-Butylbenzene

Concen: 9.326 ppbv

RT: 16.632 min Scan# 4365

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 4488092

Ion Ratio Lower Upper

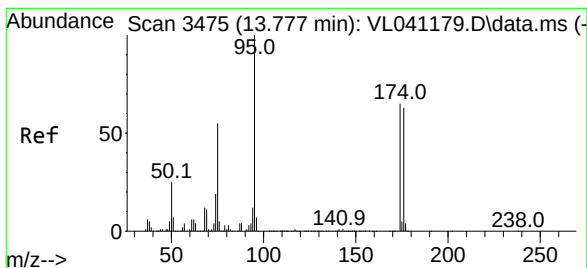
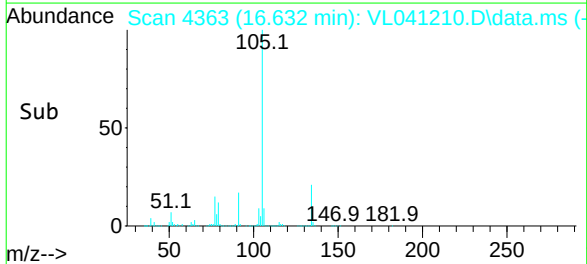
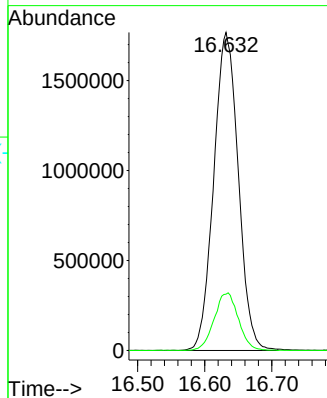
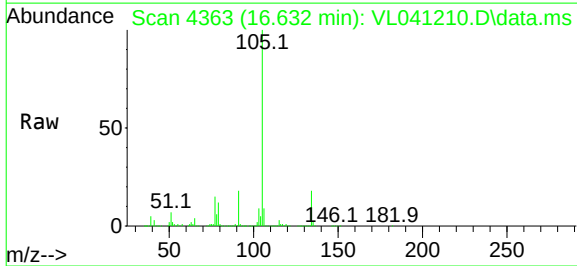
105 100

134 18.0 13.8 20.8

Manual Integrations

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



#68

1-Bromo-4-Fluorobenzene

Concen: 9.882 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

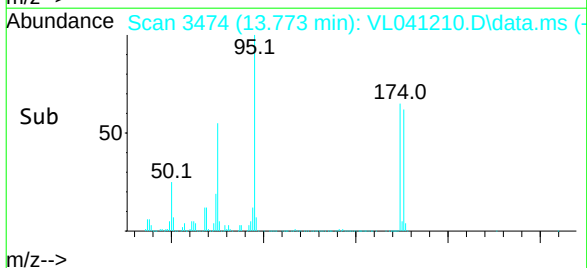
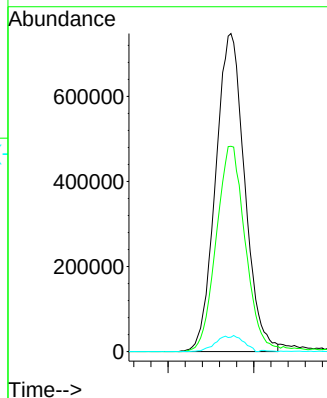
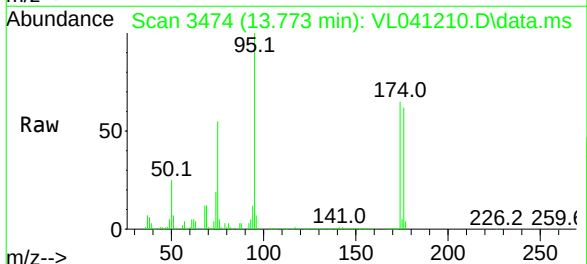
Tgt Ion: 95 Resp: 1762287

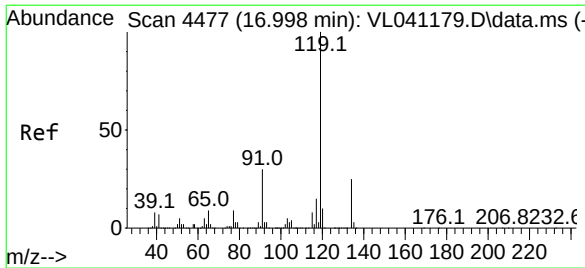
Ion Ratio Lower Upper

95 100

174 66.2 53.6 80.4

175 5.0 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.379 ppbv

RT: 16.992 min Scan# 4477

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 119 Resp: 3719712

Ion Ratio Lower Upper

119 100

134 25.5 20.1 30.1

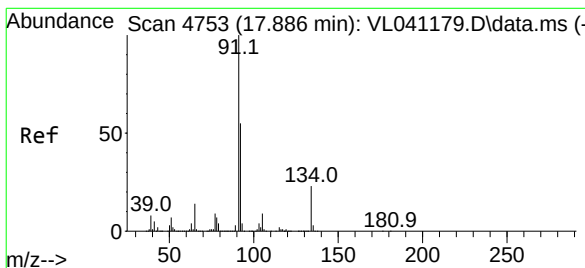
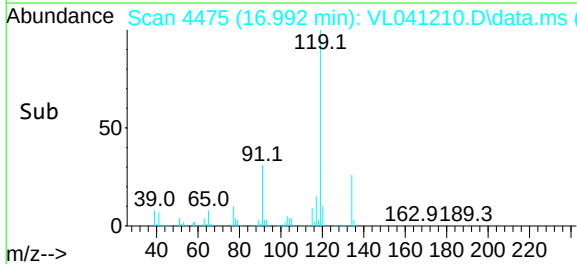
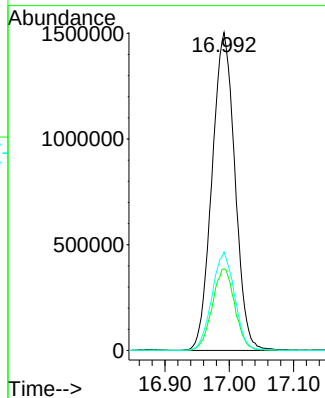
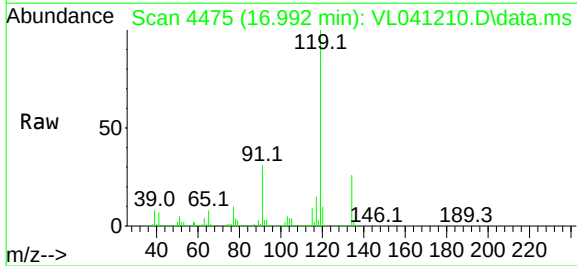
91 30.5 24.2 36.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#70

n-Butylbenzene

Concen: 9.442 ppbv

RT: 17.882 min Scan# 4752

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

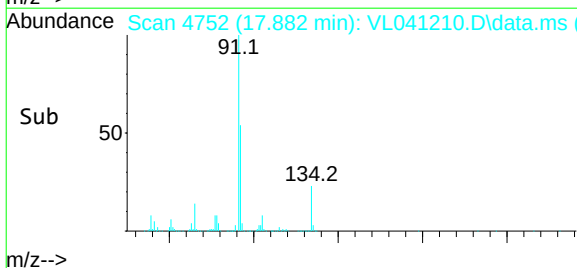
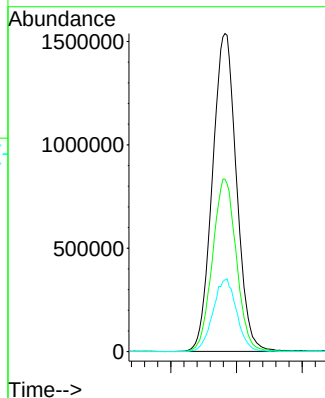
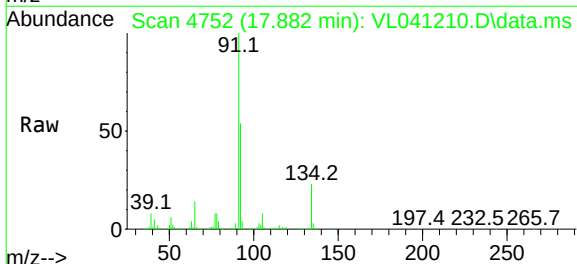
Tgt Ion: 91 Resp: 3910726

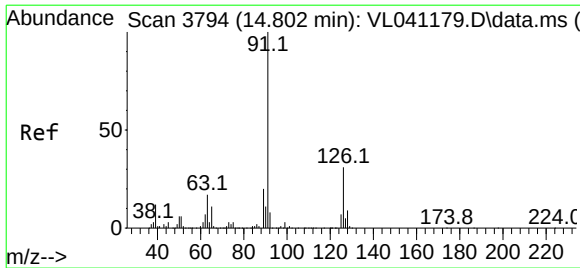
Ion Ratio Lower Upper

91 100

92 54.0 43.3 64.9

134 22.6 17.8 26.8





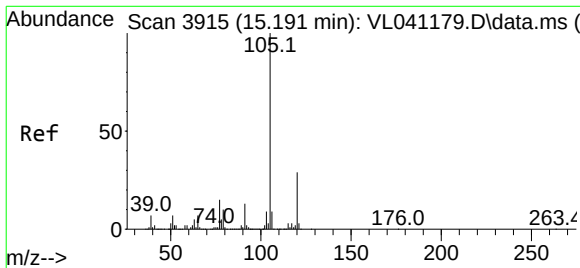
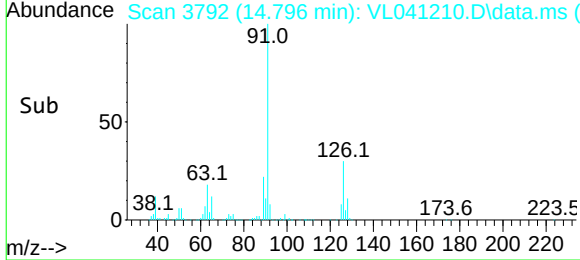
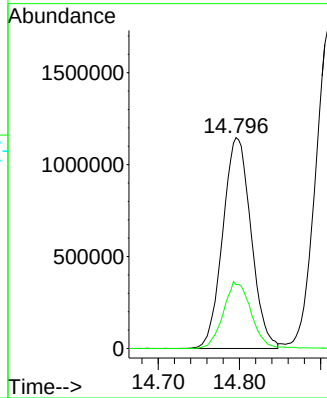
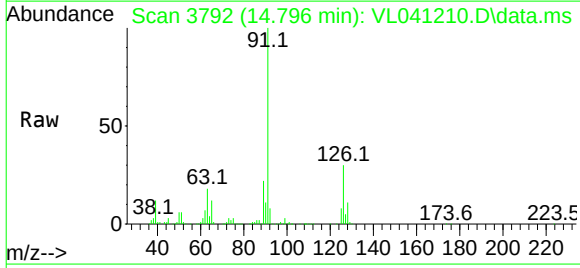
#71
2-Chlorotoluene
Concen: 9.534 ppbv
RT: 14.796 min Scan# 3794
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2770794
Ion Ratio Lower Upper
91 100
126 31.2 12.2 48.8

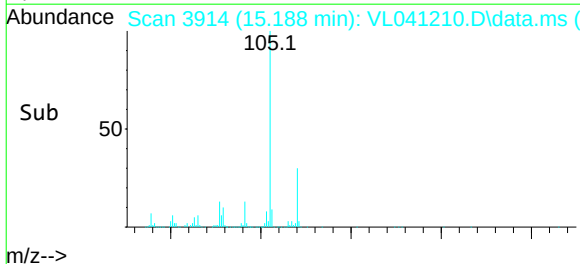
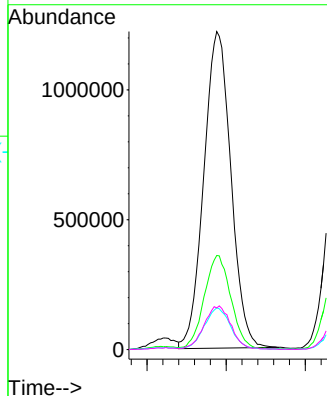
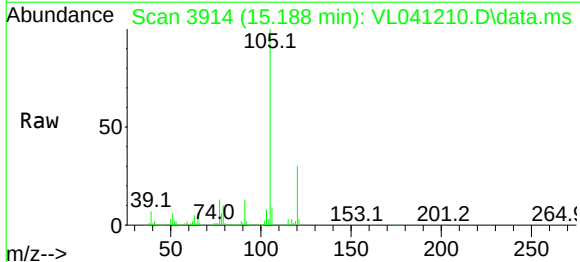
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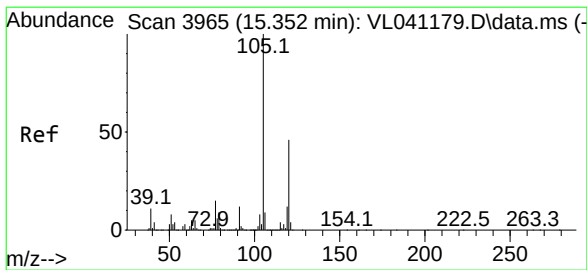
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#72
4-Ethyltoluene
Concen: 10.035 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Tgt Ion:105 Resp: 2900476
Ion Ratio Lower Upper
105 100
120 30.6 24.7 37.1
91 13.1 10.3 15.5
77 14.0 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.605 ppbv

RT: 15.349 min Scan# 39

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2511880

Ion Ratio Lower Upper

105 100

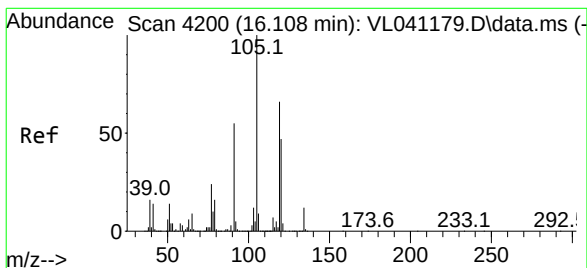
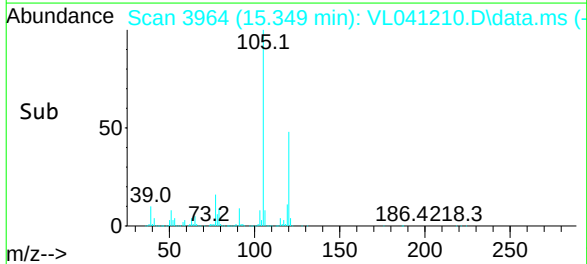
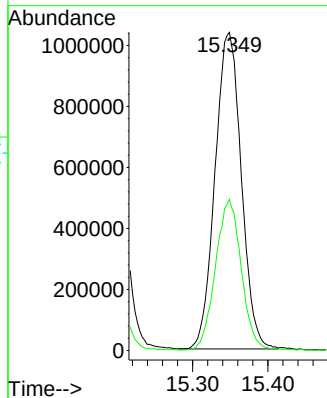
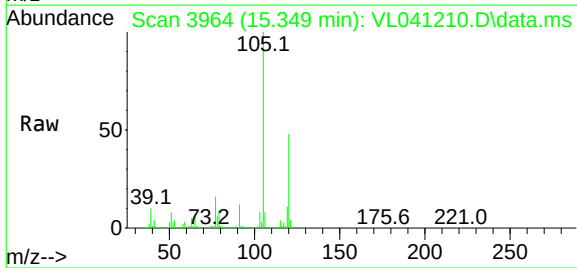
120 47.6 37.0 55.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.565 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Tgt Ion:105 Resp: 2731975

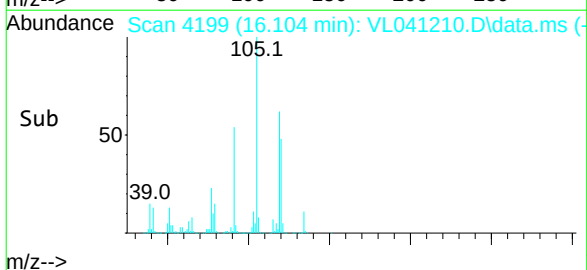
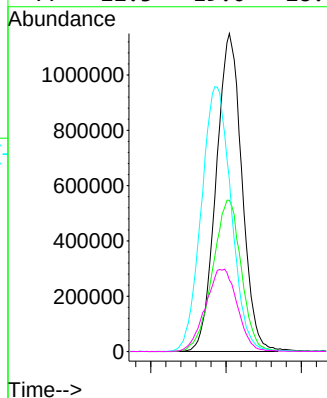
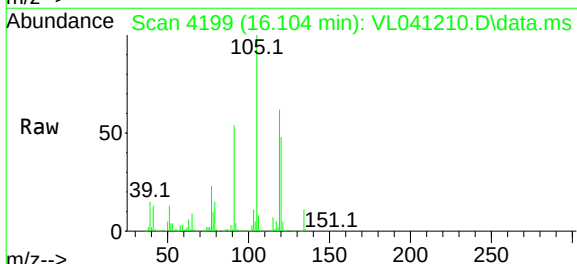
Ion Ratio Lower Upper

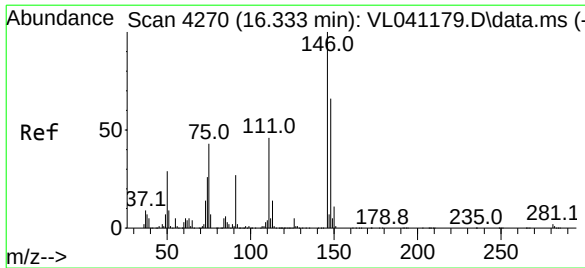
105 100

120 47.4 37.8 56.6

91 53.7 44.3 66.5

77 22.3 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 10.047 ppbv

RT: 16.326 min Scan# 4270

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1645405

Ion Ratio Lower Upper

146 100

111 46.5 23.7 71.1

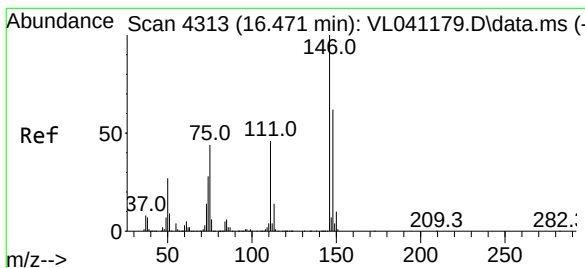
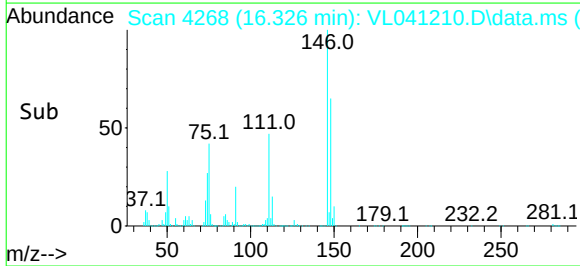
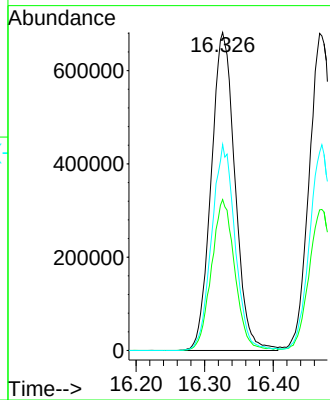
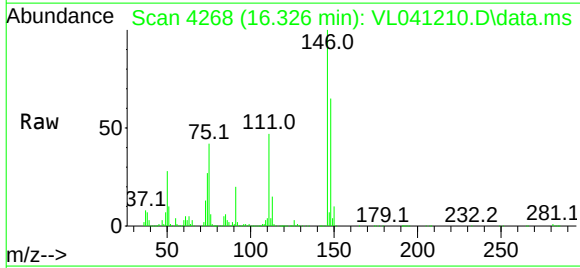
148 63.9 32.5 97.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#76

1,4-Dichlorobenzene

Concen: 10.307 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

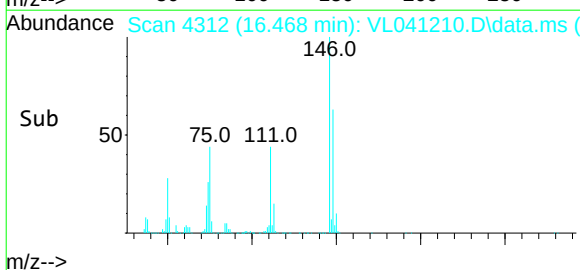
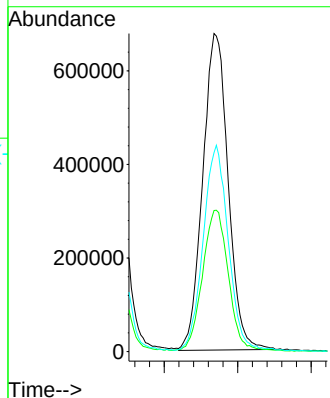
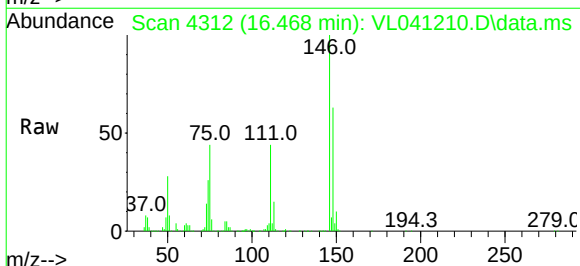
Tgt Ion:146 Resp: 1623333

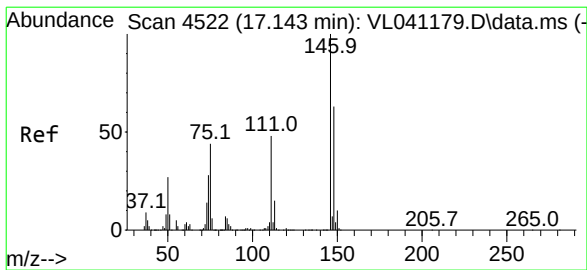
Ion Ratio Lower Upper

146 100

111 46.1 23.3 69.8

148 65.1 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.632 ppbv

RT: 17.137 min Scan# 45

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1576935

Ion Ratio Lower Upper

146 100

111 48.7 24.5 73.5

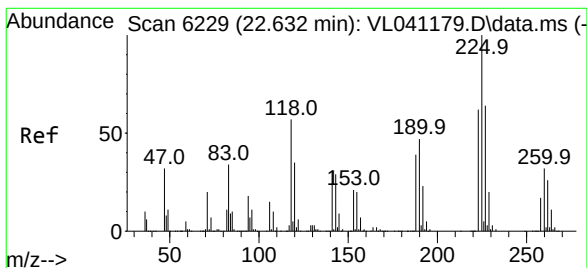
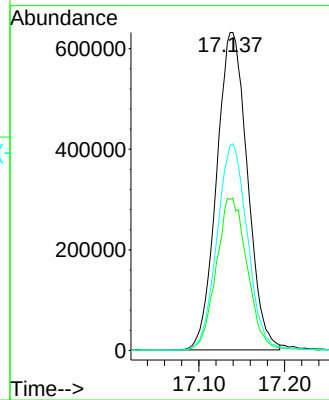
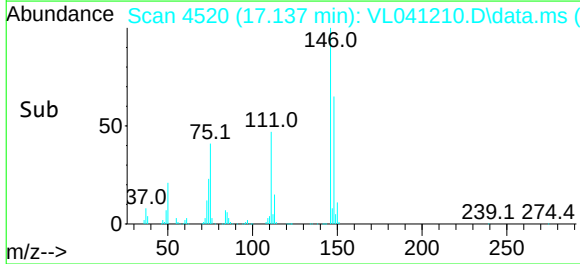
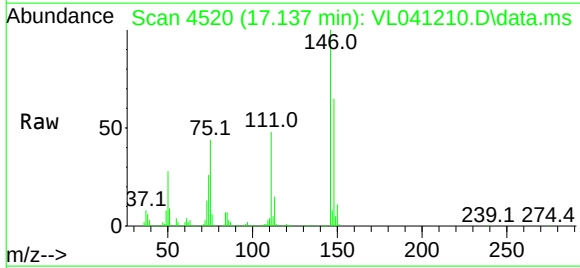
148 64.8 32.6 98.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.938 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

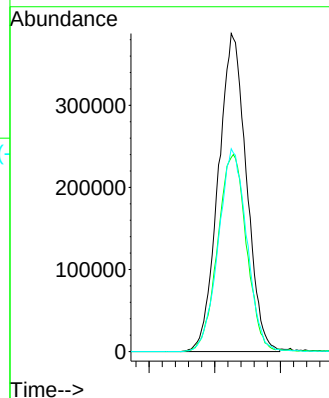
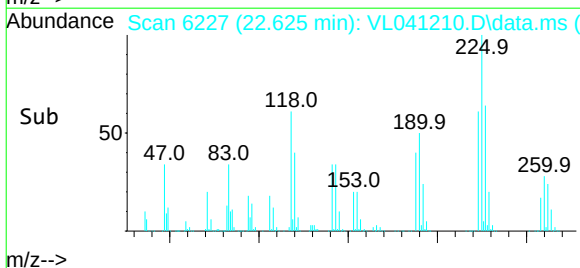
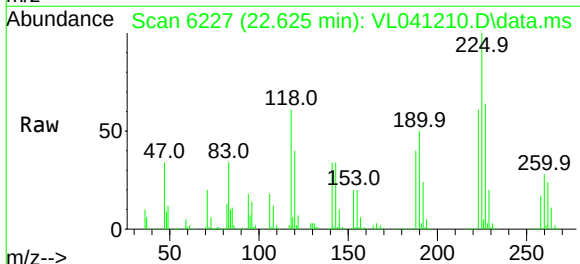
Tgt Ion:225 Resp: 1155052

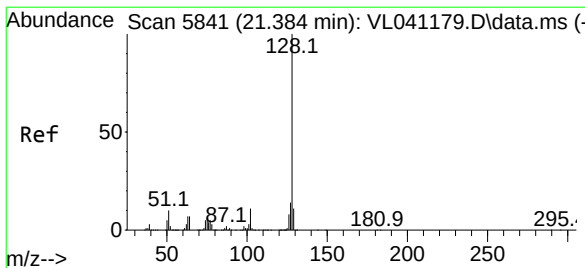
Ion Ratio Lower Upper

225 100

223 63.8 50.9 76.3

227 64.5 52.0 78.0





#79

Naphthalene

Concen: 10.162 ppbv

RT: 21.378 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041210.D

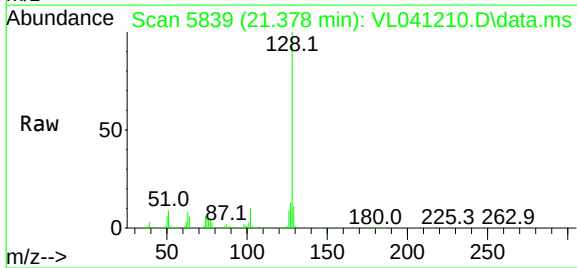
Acq: 6 May 2024 9:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:128 Resp: 2764059

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

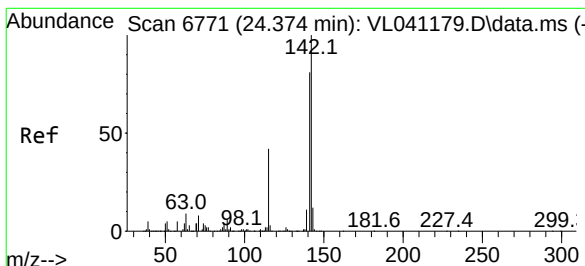
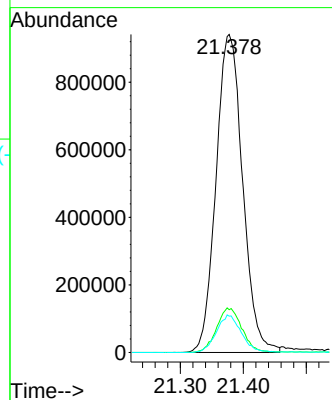
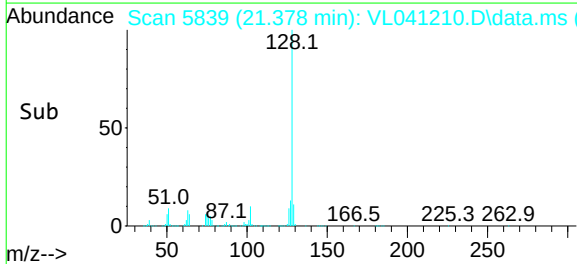
129 11.4 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#80

Naphthalene,2-methyl-

Concen: 7.758 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.000 min

Lab File: VL041210.D

Acq: 6 May 2024 9:22

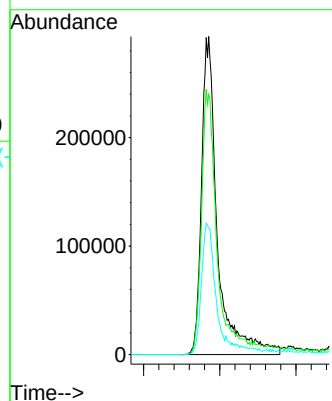
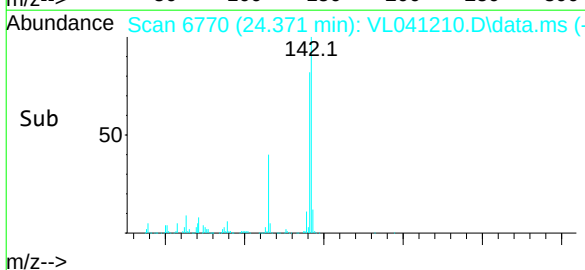
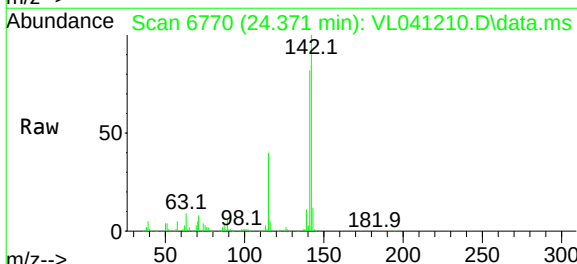
Tgt Ion:142 Resp: 848884

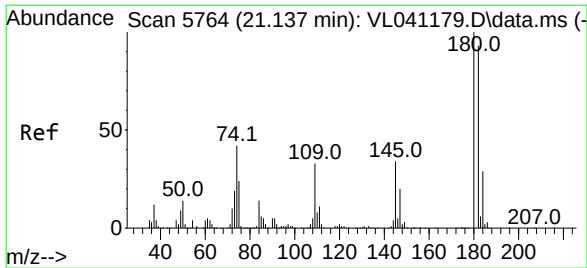
Ion Ratio Lower Upper

142 100

141 79.5 67.9 101.9

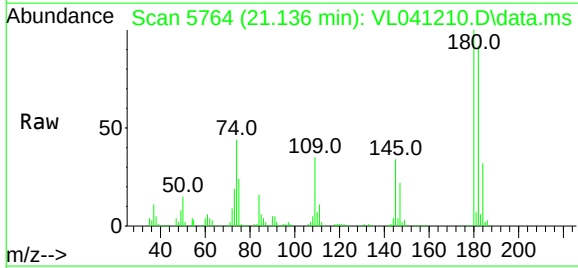
115 40.2 31.4 47.0





#81
1,2,4-Trichlorobenzene
Concen: 9.383 ppbv
RT: 21.136 min Scan# 5764
Delta R.T. 0.000 min
Lab File: VL041210.D
Acq: 6 May 2024 9:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1347595
Ion Ratio Lower Upper
180 100
182 97.5 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

