

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112024\
 Data File : VL041709.D
 Acq On : 21 Nov 2024 7:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2024
 Supervised By : Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 07:59:35 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

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

QLast Update : Fri Nov 08 01:01:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.218	49	1208155	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.681	114	3379901	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.494	117	3145798m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.802 95 2363730 10.198 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1170328	5.360	ppbv	99
3) Chlorodifluoromethane	2.700	51	1330876	8.455	ppbv	100
4) Chloromethane	2.838	50	742948	8.910	ppbv	98
5) Vinyl Chloride	2.944	62	737298	9.830	ppbv	97
6) Bromomethane	3.147	94	303362	7.624	ppbv	99
7) Chloroethane	3.221	64	264203	9.652	ppbv	97
8) Dichlorotetrafluoroethane	2.883	85	1704810	8.746	ppbv	99
9) Propene	2.719	41	622416	9.074	ppbv	98
10) Heptane	7.607	43	1539963	10.019	ppbv	99
11) Trichlorofluoromethane	3.587	101	1721023	9.048	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.092	101	1293006	9.353	ppbv	98
13) Ethanol	3.276	45	23059m	5.490	ppbv	
14) Bromoethene	3.391	108	524156	9.431	ppbv	97
15) Acetone	3.494	43	1290369	8.678	ppbv	99
16) 1,3-Butadiene	3.012	39	715458	9.536	ppbv	99
17) tert-Butyl alcohol	3.903	59	1408134	10.792	ppbv	100
18) 1,1-Dichloroethene	3.906	96	572830	9.447	ppbv	93
19) Isopropyl Alcohol	3.600	45	786174	11.062	ppbv #	96
20) Methylene Chloride	3.957	84	470025	8.591	ppbv	97
21) Allyl Chloride	4.021	41	897148	9.764	ppbv	98
22) trans-1,2-Dichloroethene	4.472	96	586738	9.732	ppbv	100
23) Vinyl Acetate	4.652	43	806113	12.298	ppbv #	97
24) 1,1-Dichloroethane	4.591	63	1250733	9.294	ppbv	99
25) Ethyl Acetate	5.230	43	2793810	9.077	ppbv	99
26) Hexane	5.240	57	1146986	9.700	ppbv	94
27) Carbon Disulfide	4.150	76	1360037	10.238	ppbv	100
28) Methyl tert-Butyl Ether	4.613	73	738621	9.700	ppbv	98
29) Chloroform	5.301	83	1753842	8.986	ppbv	100
30) Cyclohexane	6.629	84	971784	9.652	ppbv	100
31) cis-1,2-Dichloroethene	5.105	61	1108063	9.741	ppbv	99
32) 1,1,1-Trichloroethane	6.031	97	1716370	9.639	ppbv	99
34) 2-Butanone	4.812	43	1442644	8.572	ppbv	99
35) Carbon Tetrachloride	6.520	117	1777842	9.970	ppbv	98
36) Benzene	6.398	78	2425075	9.684	ppbv	100
37) 1,2-Dichloroethane	5.835	62	1322711	9.362	ppbv	99
38) Trichloroethene	7.317	130	1330686	13.835	ppbv	98
39) 1,2-Dichloropropane	7.102	63	932162	9.419	ppbv	98
40) 1,4-Dioxane	7.311	88	411655	11.593	ppbv #	1
41) Tetrahydrofuran	5.584	42	1013720	10.547	ppbv	100
42) Bromodichloromethane	7.279	83	1912025	9.739	ppbv	99
43) Methyl Methacrylate	7.500	69	938753	10.676	ppbv	99
44) 2,2,4-Trimethylpentane	7.356	57	4069232	9.593	ppbv	99
45) t-1,3-Dichloropropene	8.735	75	817572	10.176	ppbv	99

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Quant Time: Nov 21 07:59:35 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

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

QLast Update : Fri Nov 08 01:01:00 2024

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 11/21/2024
 Supervised By : Mahesh Dadoda 11/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.169	75	1172724	10.162	ppbv	99
47) 1,1,2-Trichloroethane	8.928	97	995666	9.296	ppbv	98
48) Dibromochloromethane	9.738	129	1612015	9.900	ppbv	99
49) Bromoform	12.436	173	1420910	10.200	ppbv	100
50) 4-Methyl-2-Pentanone	8.208	43	2614411	10.119	ppbv	99
51) 2-Hexanone	9.574	43	2050117	10.896	ppbv #	99
52) Tetrachloroethene	10.642	164	879104	10.301	ppbv	98
53) Toluene	9.250	91	2760961	10.484	ppbv	100
54) 1,2-Dibromoethane	10.037	107	1316085	10.517	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.536	131	1191121	9.181	ppbv	99
57) Chlorobenzene	11.555	112	2151884	9.249	ppbv	97
58) Ethyl Benzene	12.118	91	3712408	10.765	ppbv	99
59) m/p-Xylene	12.401	91	6278463m	20.329	ppbv	
60) o-Xylene	13.089	91	3017691	10.247	ppbv	100
61) Styrene	12.925	104	1465963	12.061	ppbv	100
62) Isopropylbenzene	14.056	105	4370608	9.609	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.076	83	1212514	5.597	ppbv	99
64) n-propylbenzene	14.944	120	1177547	9.890	ppbv	99
65) tert-Butylbenzene	16.117	119	3935413	9.627	ppbv	100
66) Benzyl Chloride	16.359	91	202229m	6.431	ppbv	
67) sec-Butylbenzene	16.664	105	5472216	9.498	ppbv	100
69) p-Isopropyltoluene	17.021	119	4573781	9.819	ppbv	100
70) n-Butylbenzene	17.915	91	4709978	9.883	ppbv	100
71) 2-Chlorotoluene	14.828	91	3298001	10.032	ppbv	100
72) 4-Ethyltoluene	15.220	105	3595816	10.502	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	3065794	10.204	ppbv	98
74) 1,2,4-Trimethylbenzene	16.134	105	3394011	9.725	ppbv	96
75) 1,3-Dichlorobenzene	16.362	146	2111480	9.769	ppbv	99
76) 1,4-Dichlorobenzene	16.503	146	2060755	9.882	ppbv	99
77) 1,2-Dichlorobenzene	17.172	146	2052624	9.587	ppbv	99
78) Hexachloro-1,3-Butadiene	22.667	225	1456041	8.598	ppbv	100
79) Naphthalene	21.416	128	3036265	14.095	ppbv	99
80) Naphthalene,2-methyl-	24.400	142	1590650	33.873	ppbv	98
81) 1,2,4-Trichlorobenzene	21.172	180	1593813	11.765	ppbv	99

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

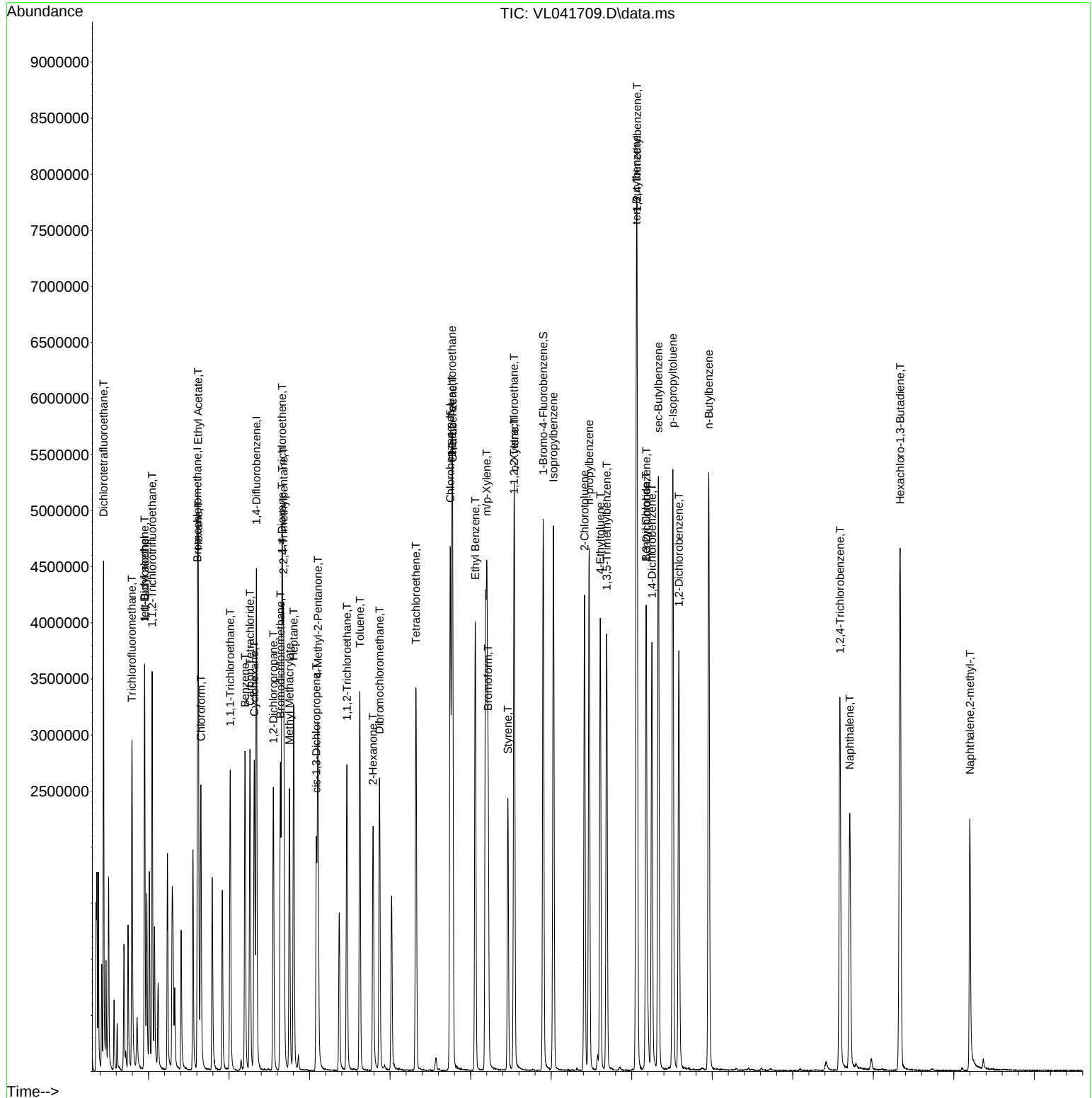
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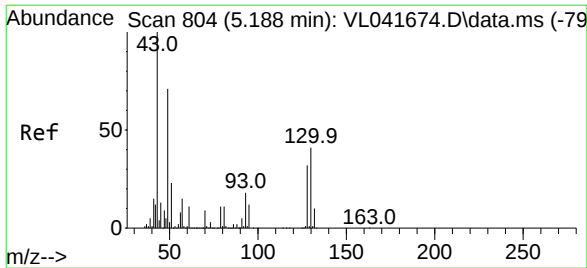
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

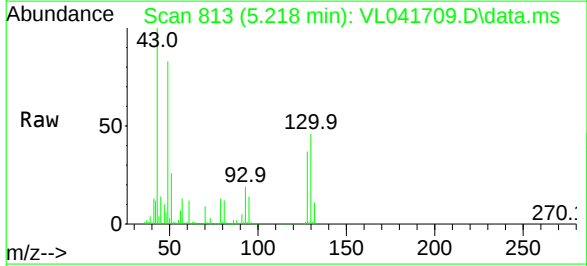
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Nov 08 01:01:00 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.030 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

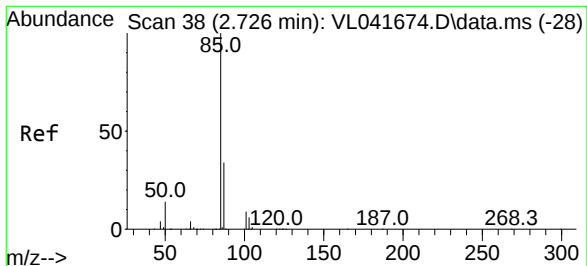
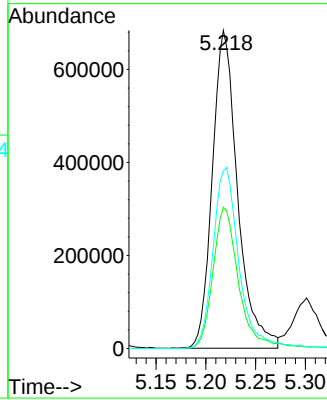
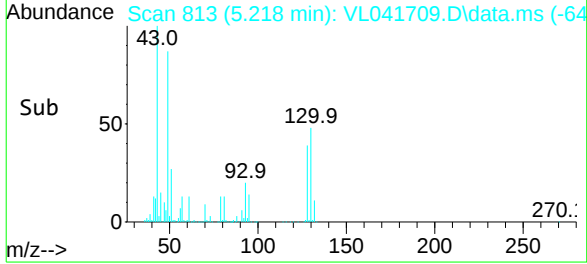
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 1208155
Ion Ratio Lower Upper
49 100
128 45.8 23.8 71.2
130 59.2 30.1 90.5

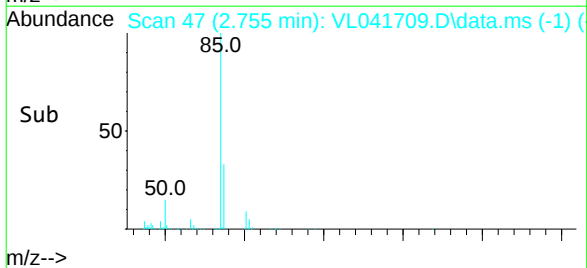
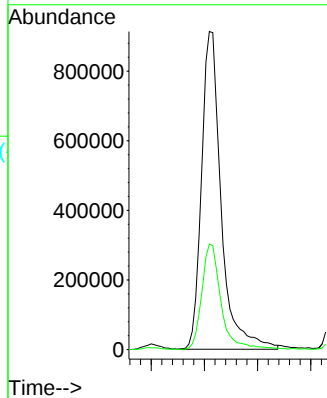
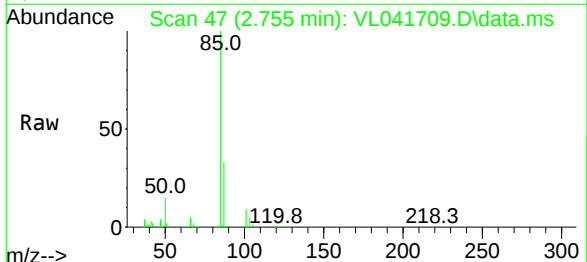
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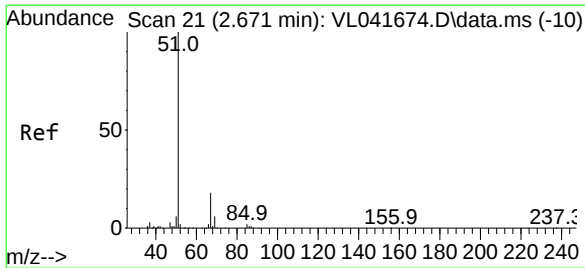
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#2
Dichlorodifluoromethane
Concen: 5.360 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

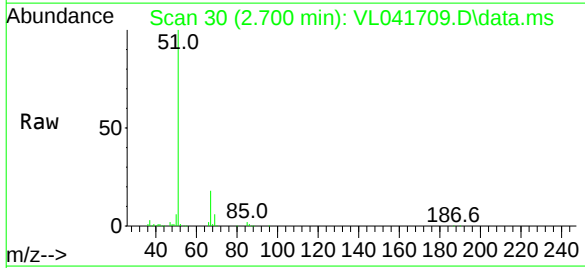
Tgt Ion: 85 Resp: 1170328
Ion Ratio Lower Upper
85 100
87 33.1 26.8 40.2





#3
Chlorodifluoromethane
Concen: 8.455 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

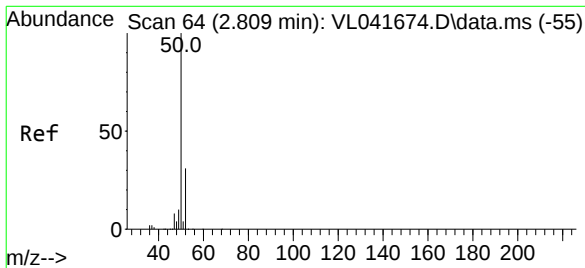
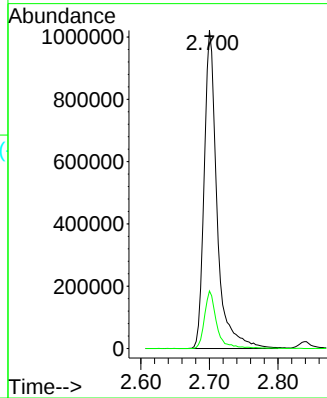
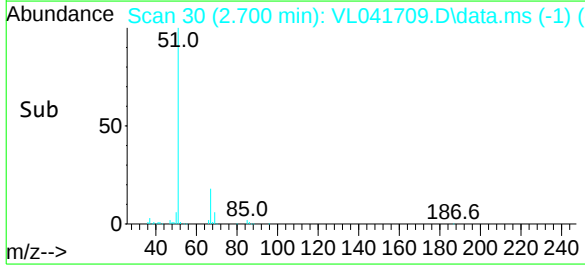
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1330876
Ion Ratio Lower Upper
51 100
67 17.3 13.9 20.9

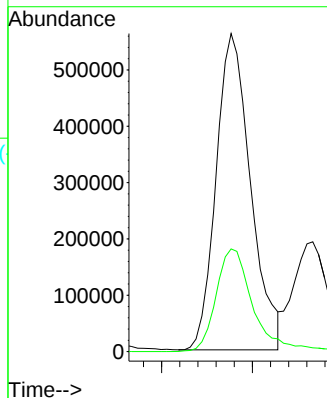
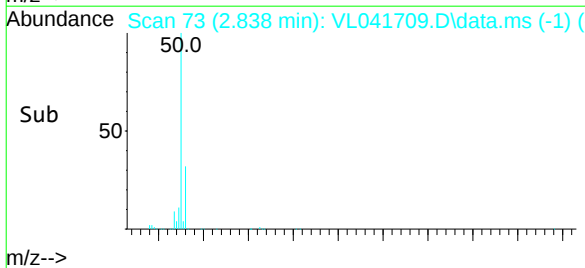
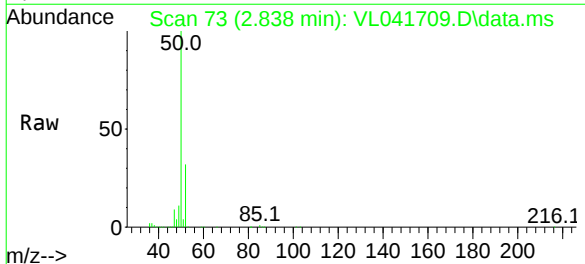
Manual Integrations
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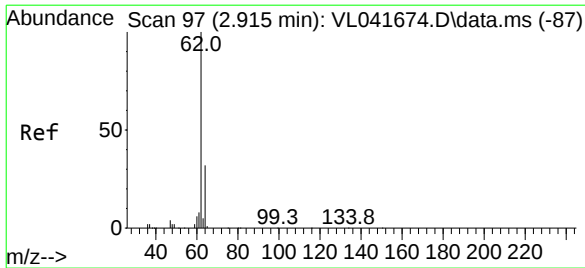
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#4
Chloromethane
Concen: 8.910 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 50 Resp: 742948
Ion Ratio Lower Upper
50 100
52 32.4 24.9 37.3





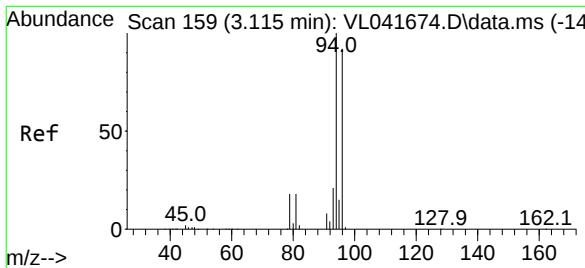
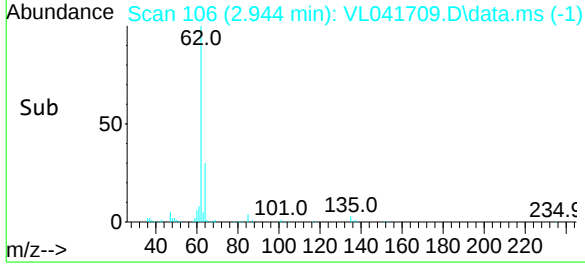
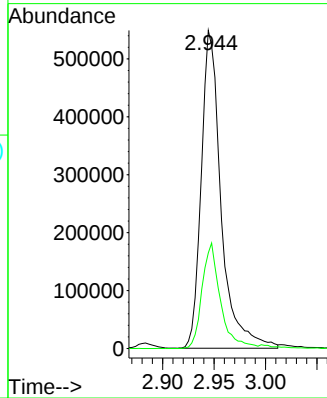
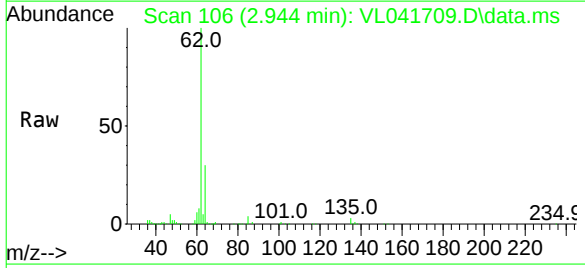
#5
 Vinyl Chloride
 Concen: 9.830 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.029 min
 Lab File: VL041709.D
 Acq: 21 Nov 2024 7:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 737298
 Ion Ratio Lower Upper
 62 100
 64 30.1 25.4 38.2

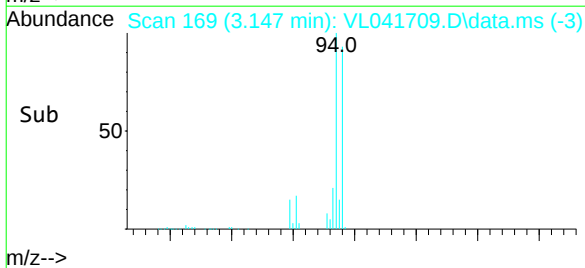
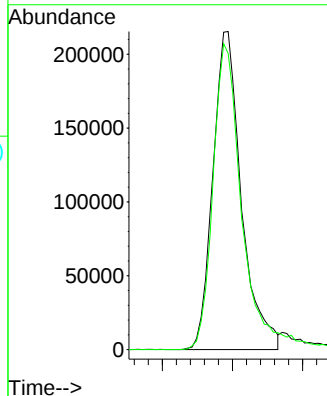
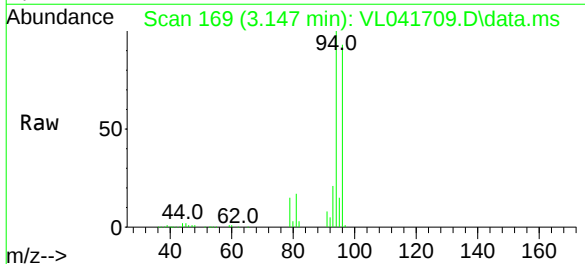
Manual Integrations
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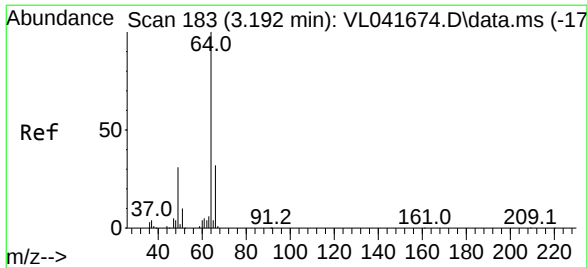
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#6
 Bromomethane
 Concen: 7.624 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.032 min
 Lab File: VL041709.D
 Acq: 21 Nov 2024 7:29

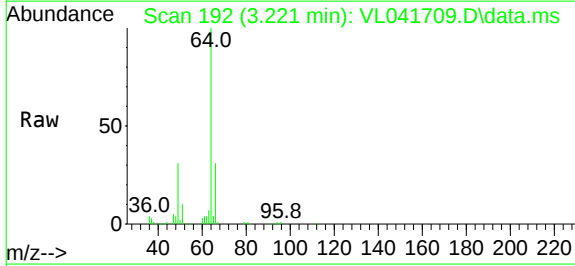
Tgt Ion: 94 Resp: 303362
 Ion Ratio Lower Upper
 94 100
 96 93.1 73.4 110.2





#7
Chloroethane
Concen: 9.652 ppbv
RT: 3.221 min Scan# 19
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

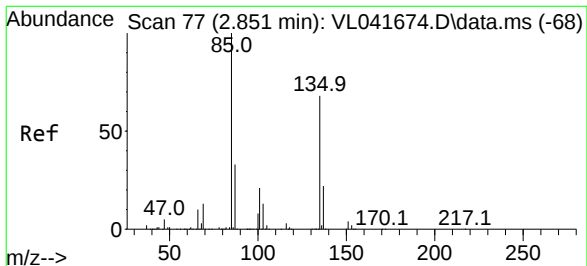
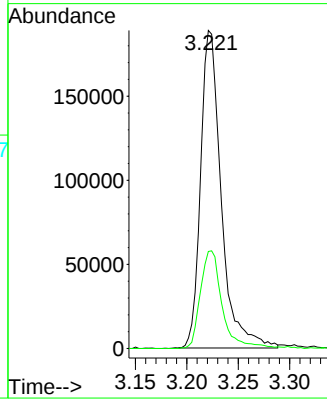
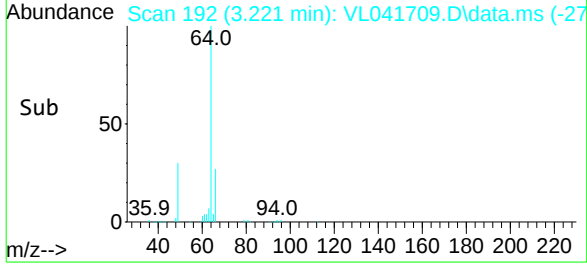
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 64 Resp: 264203
Ion Ratio Lower Upper
64 100
66 30.5 25.9 38.9

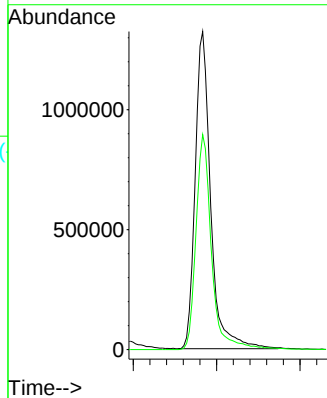
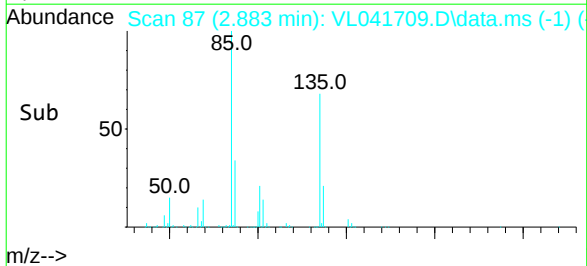
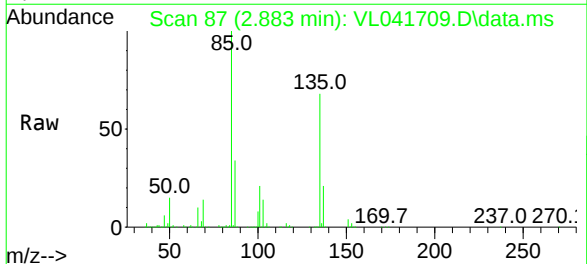
Manual Integrations APPROVED

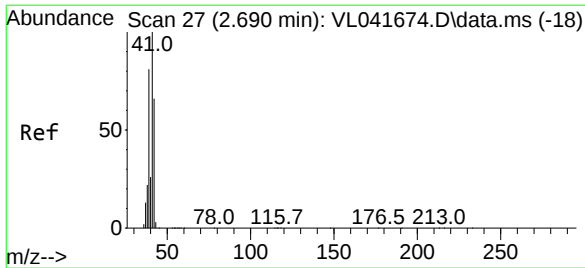
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#8
Dichlorotetrafluoroethane
Concen: 8.746 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 85 Resp: 1704810
Ion Ratio Lower Upper
85 100
135 68.5 55.5 83.3





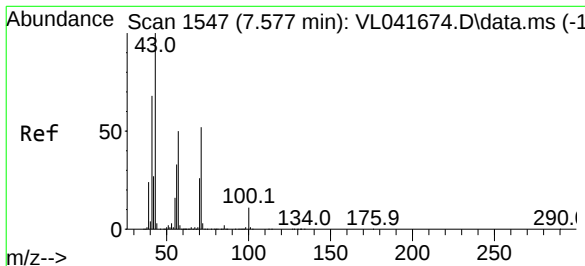
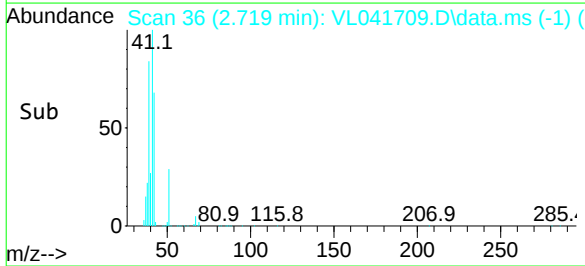
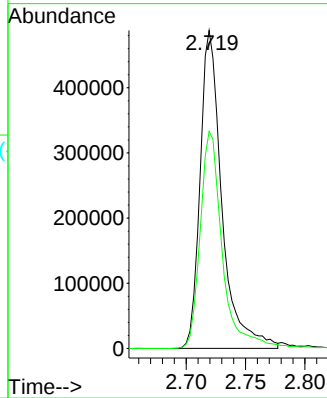
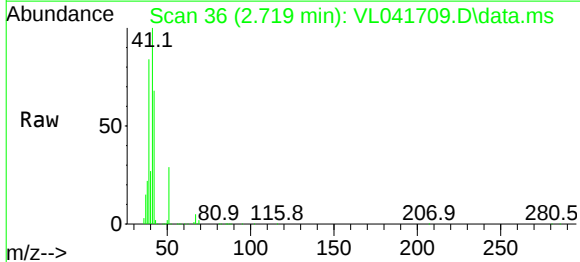
#9
Propene
Concen: 9.074 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 622416
Ion Ratio Lower Upper
41 100
42 70.1 55.0 82.4

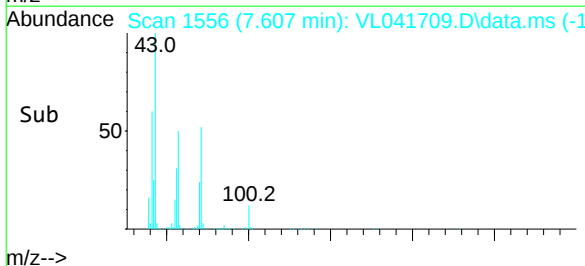
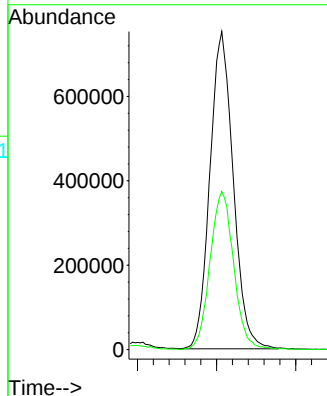
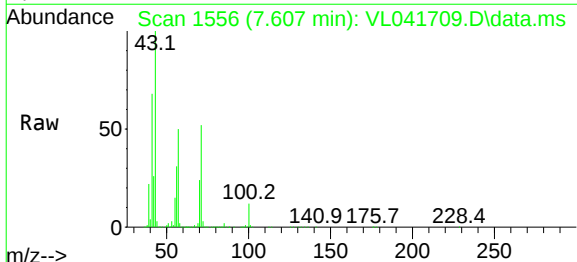
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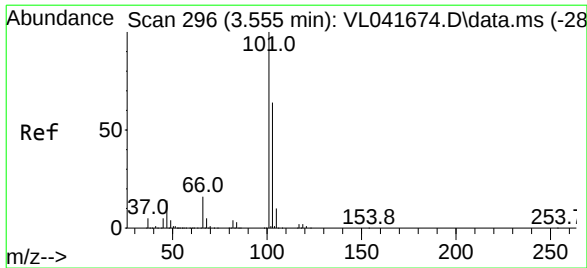
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#10
Heptane
Concen: 10.019 ppbv
RT: 7.607 min Scan# 1556
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 43 Resp: 1539963
Ion Ratio Lower Upper
43 100
57 50.6 40.0 60.0





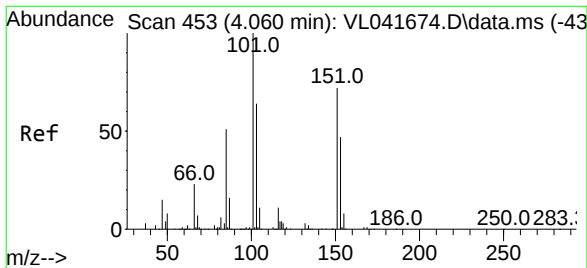
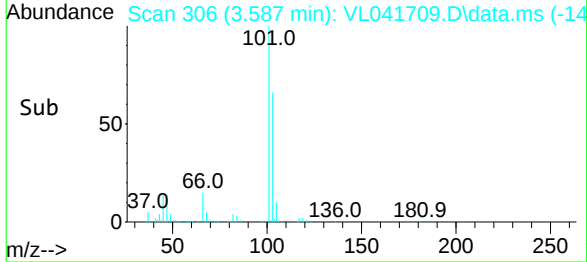
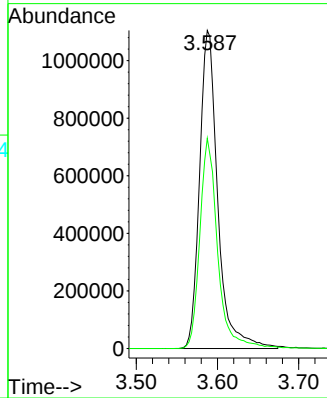
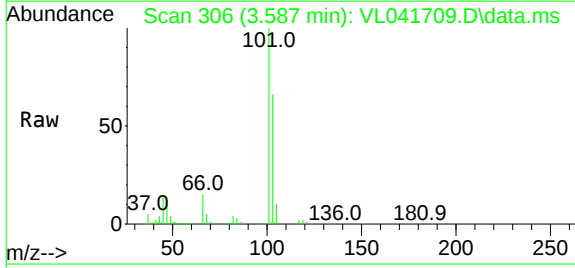
#11
Trichlorofluoromethane
Concen: 9.048 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1721023
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.6

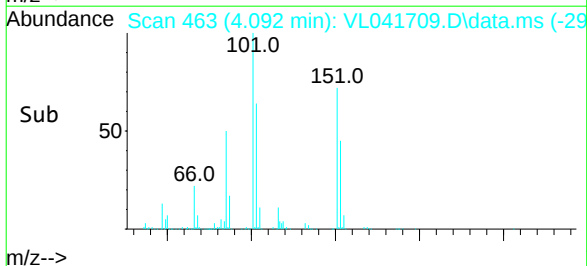
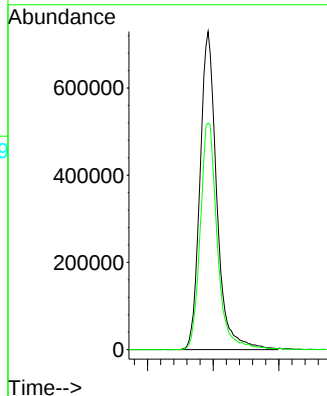
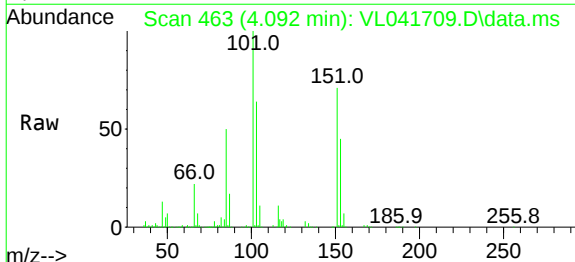
Manual Integrations
APPROVED

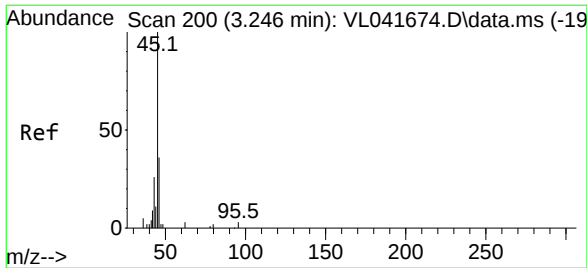
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.353 ppbv
RT: 4.092 min Scan# 463
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion:101 Resp: 1293006
Ion Ratio Lower Upper
101 100
151 72.6 59.1 88.7





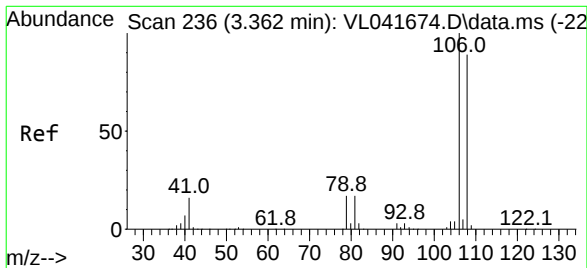
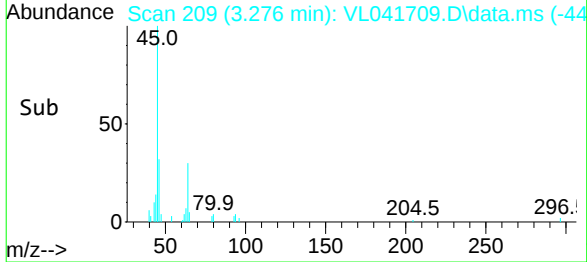
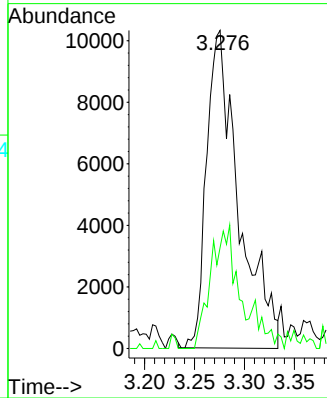
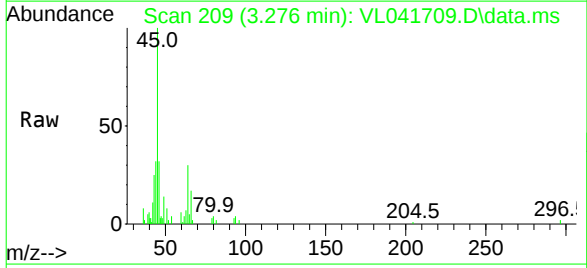
#13
Ethanol
Concen: 5.490 ppbv m
RT: 3.276 min Scan# 20
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 23059
Ion Ratio Lower Upper
45 100
46 36.9 13.8 55.2

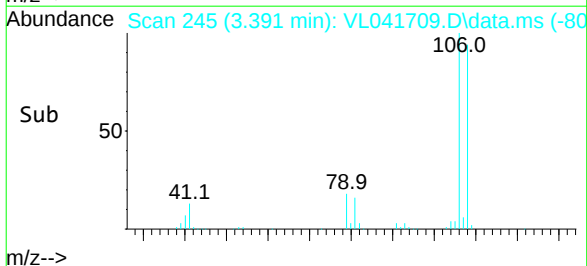
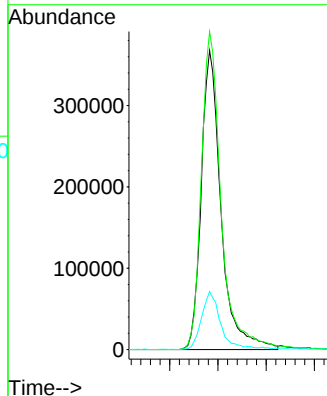
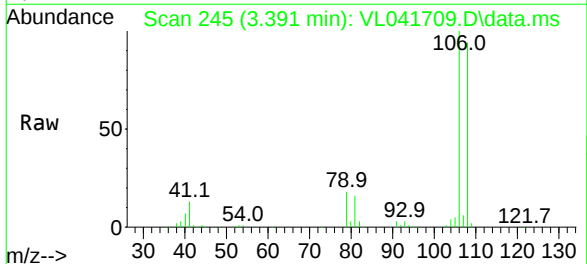
Manual Integrations
APPROVED

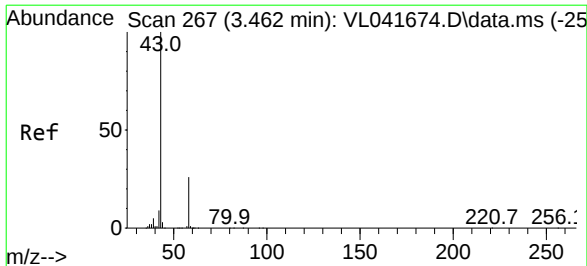
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#14
Bromoethene
Concen: 9.431 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

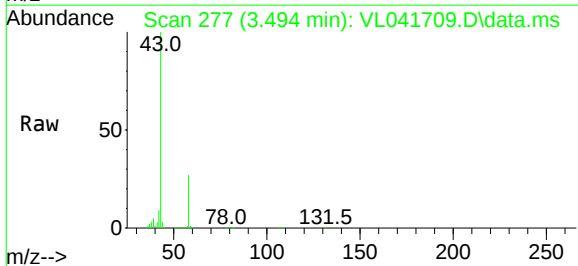
Tgt Ion:108 Resp: 524156
Ion Ratio Lower Upper
108 100
106 107.4 88.6 133.0
79 19.2 15.6 23.4





#15
Acetone
Concen: 8.678 ppbv
RT: 3.494 min Scan# 27
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

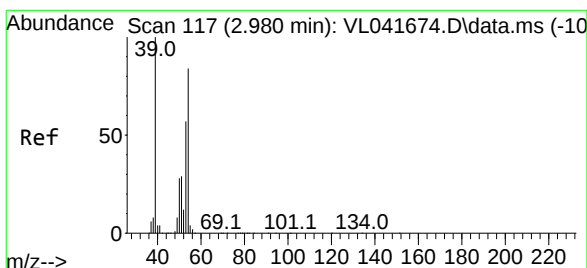
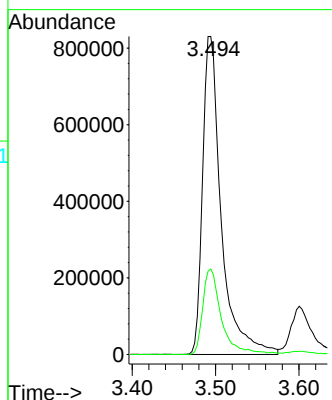
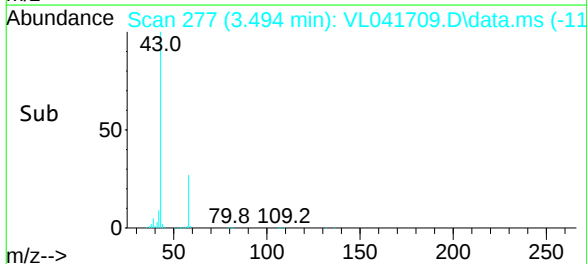
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1290369
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.0

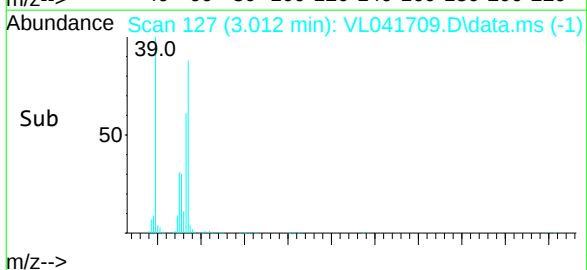
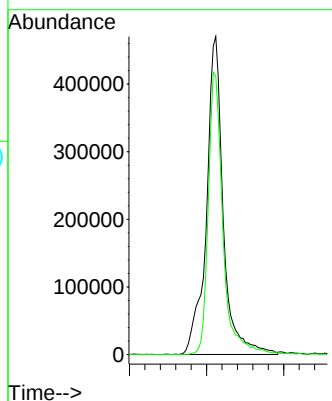
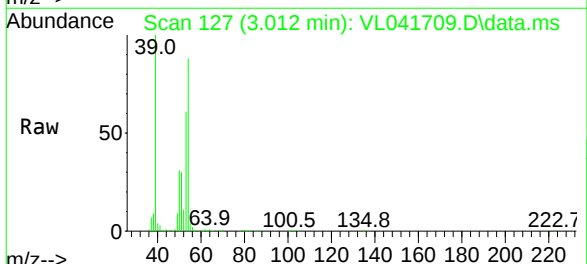
Manual Integrations
APPROVED

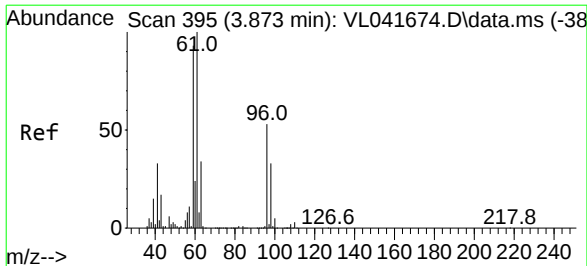
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#16
1,3-Butadiene
Concen: 9.536 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

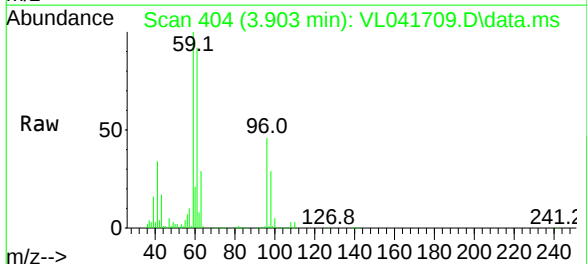
Tgt Ion: 39 Resp: 715458
Ion Ratio Lower Upper
39 100
54 77.5 61.3 91.9





#17
tert-Butyl alcohol
Concen: 10.792 ppbv
RT: 3.903 min Scan# 404
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

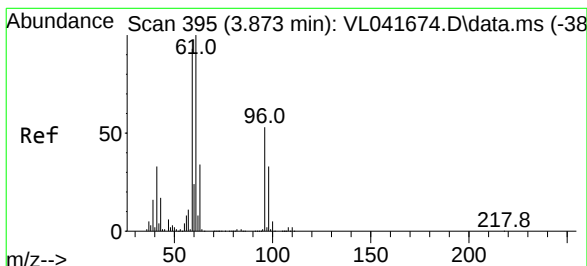
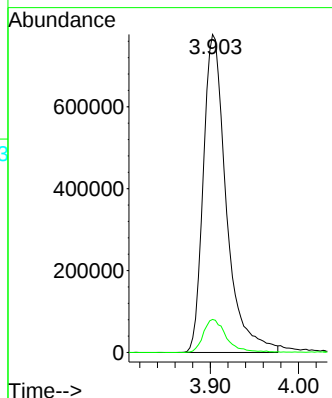
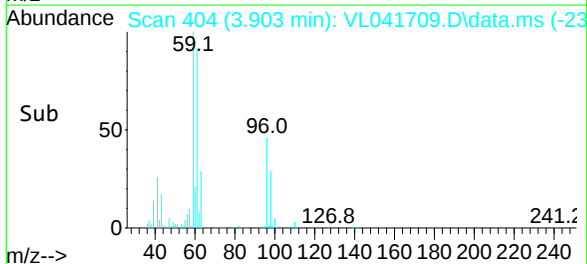
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



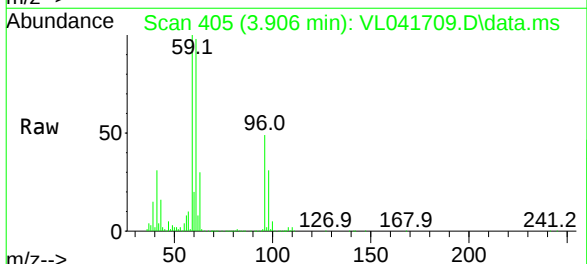
Tgt Ion: 59 Resp: 1408134
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

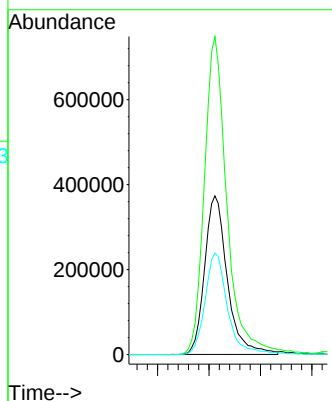
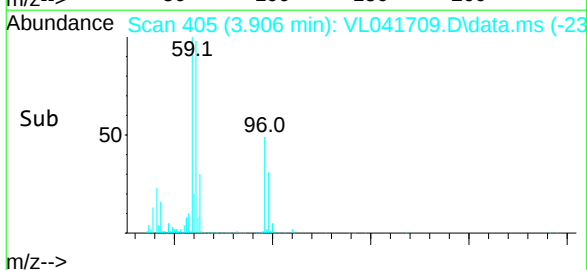
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

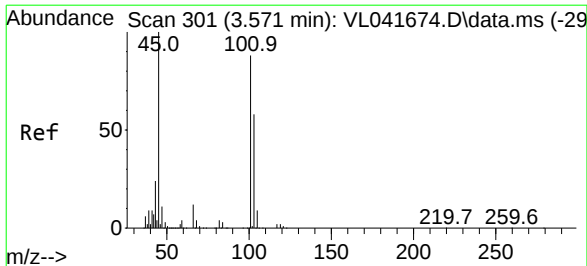


#18
1,1-Dichloroethene
Concen: 9.447 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29



Tgt Ion: 96 Resp: 572830
Ion Ratio Lower Upper
96 100
61 200.5 150.7 226.1
98 64.1 49.4 74.2





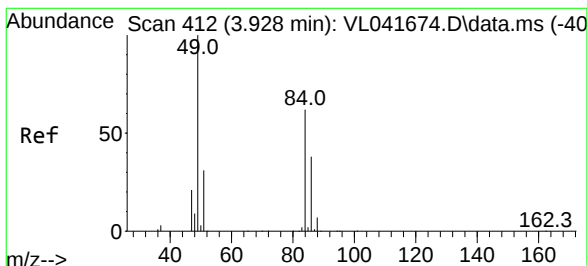
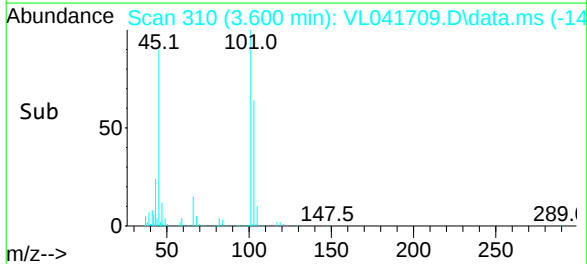
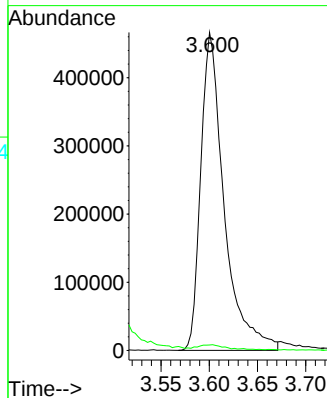
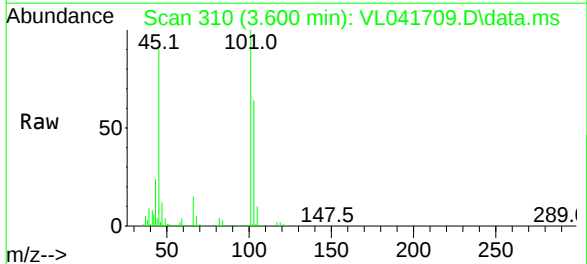
#19
Isopropyl Alcohol
Concen: 11.062 ppbv
RT: 3.600 min Scan# 311
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 786174
Ion Ratio Lower Upper
45 100
58 1.9 2.5 3.7#

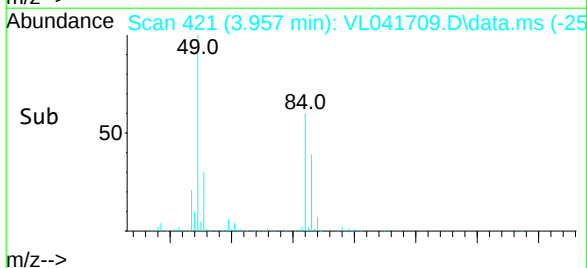
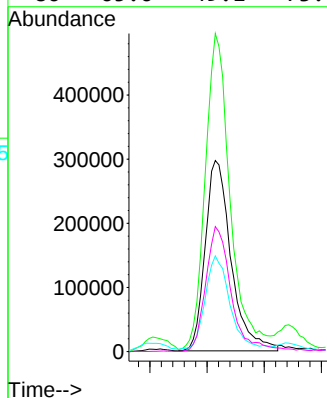
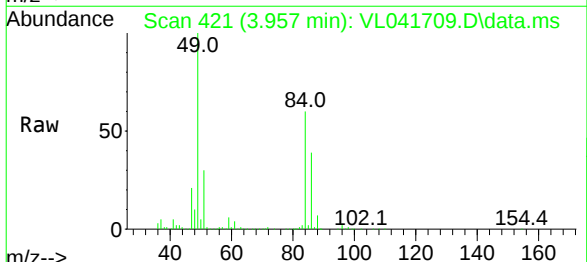
Manual Integrations
APPROVED

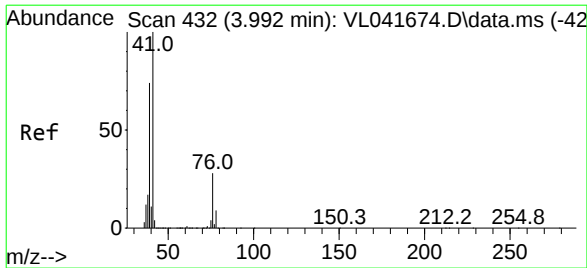
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#20
Methylene Chloride
Concen: 8.591 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 84 Resp: 470025
Ion Ratio Lower Upper
84 100
49 166.0 129.7 194.5
51 49.1 39.8 59.6
86 65.6 49.1 73.7





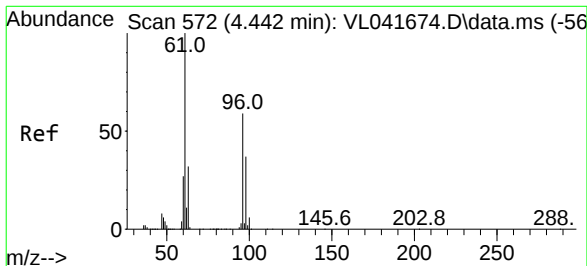
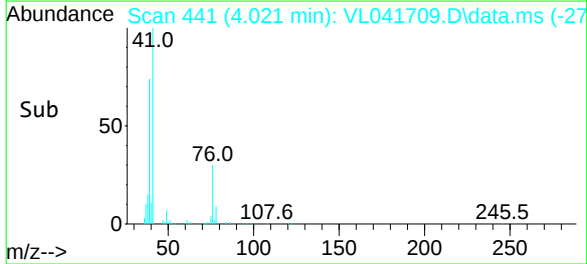
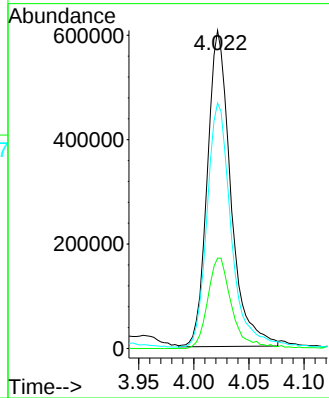
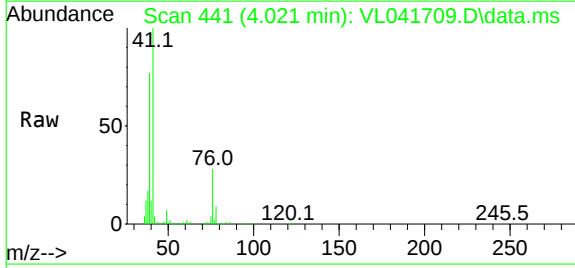
#21
Allyl Chloride
Concen: 9.764 ppbv
RT: 4.021 min Scan# 441
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 897148
Ion Ratio Lower Upper
41 100
76 29.6 23.5 35.3
39 80.5 63.0 94.4

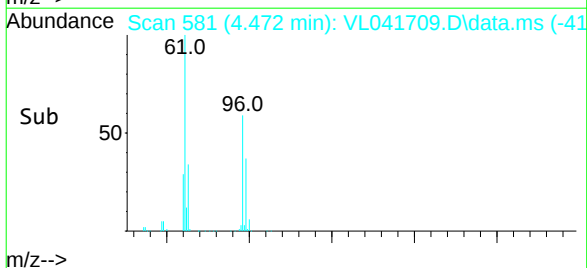
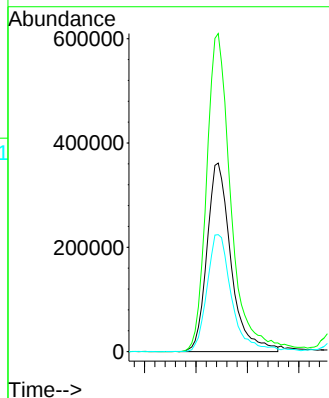
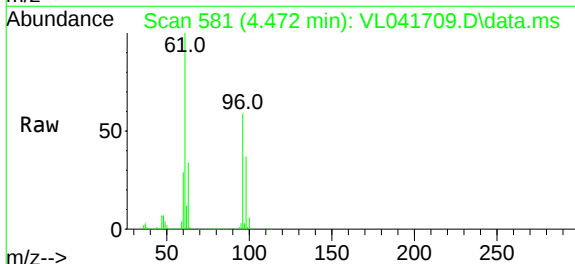
Manual Integrations
APPROVED

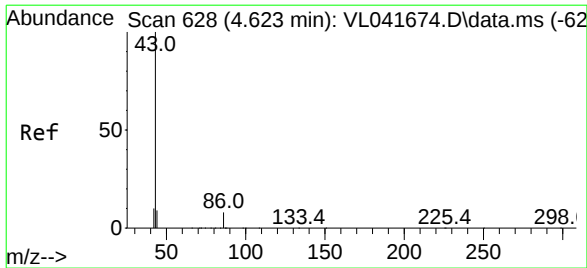
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#22
trans-1,2-Dichloroethene
Concen: 9.732 ppbv
RT: 4.472 min Scan# 581
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 96 Resp: 586738
Ion Ratio Lower Upper
96 100
61 168.7 134.5 201.7
98 62.0 49.6 74.4





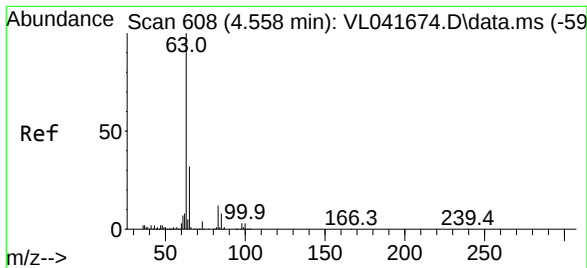
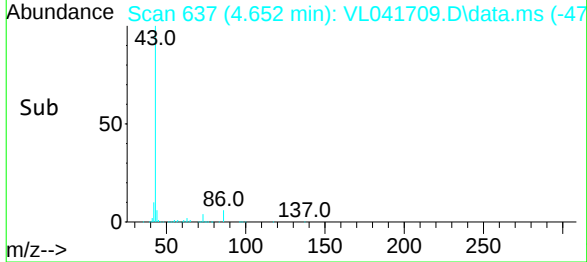
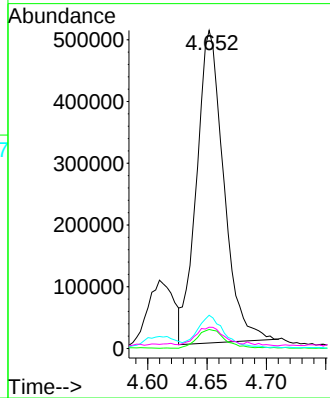
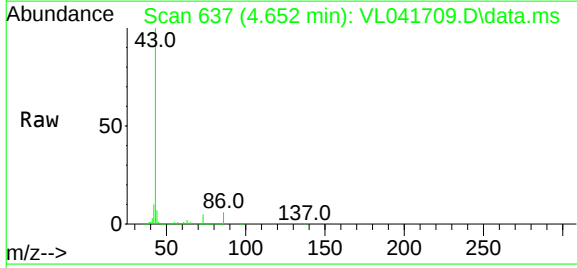
#23
 Vinyl Acetate
 Concen: 12.298 ppbv
 RT: 4.652 min Scan# 631
 Delta R.T. 0.029 min
 Lab File: VL041709.D
 Acq: 21 Nov 2024 7:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43	Resp: 806113
Ion Ratio	Lower Upper
43 100	
86 6.1	5.3 7.9
42 10.3	8.5 12.7
44 6.0	6.7 10.1#

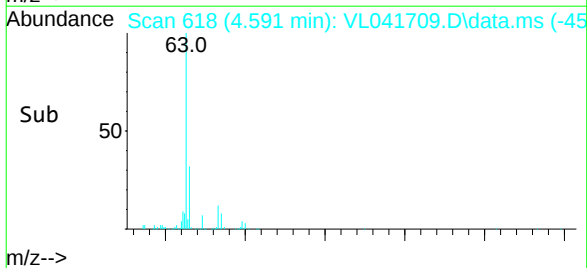
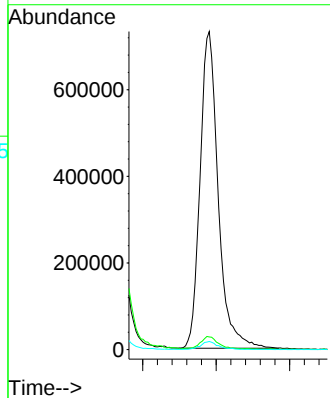
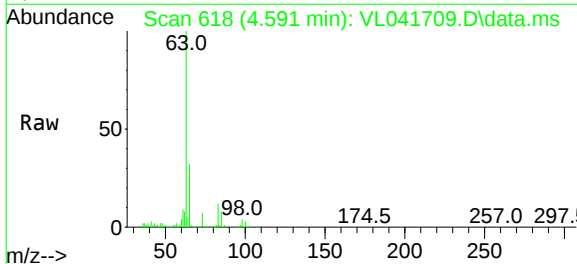
Manual Integrations
 APPROVED

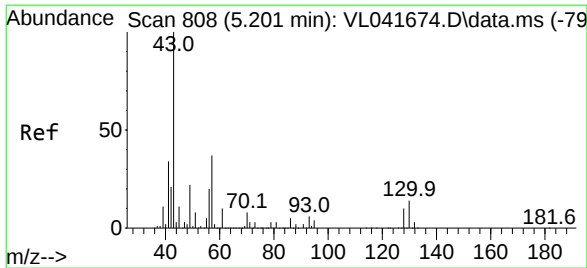
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#24
 1,1-Dichloroethane
 Concen: 9.294 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.032 min
 Lab File: VL041709.D
 Acq: 21 Nov 2024 7:29

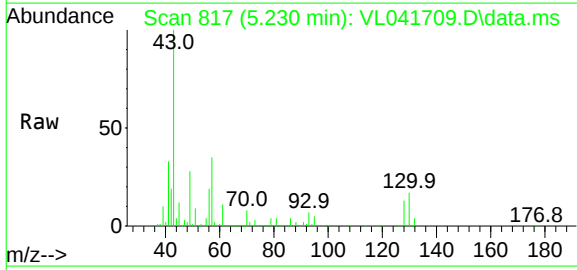
Tgt Ion: 63		Resp: 1250733	
Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.8	5.4
100	2.5	1.4	4.2





#25
Ethyl Acetate
Concen: 9.077 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

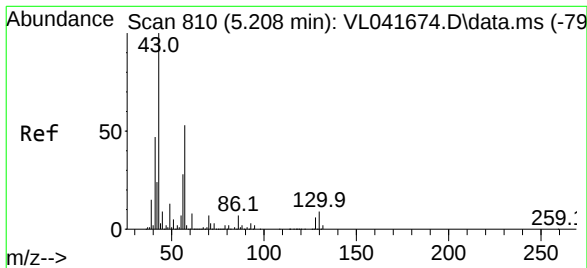
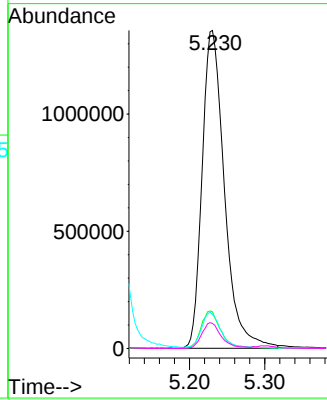
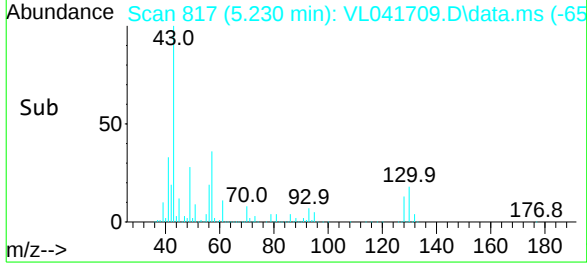
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 2793816
Ion Ratio Lower Upper
43 100
45 10.6 8.6 13.0
61 10.2 8.4 12.6
70 7.1 5.8 8.6

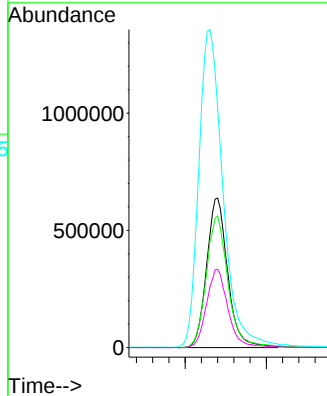
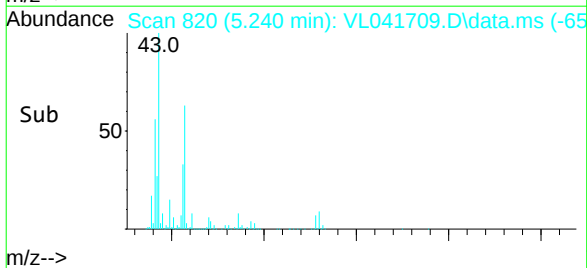
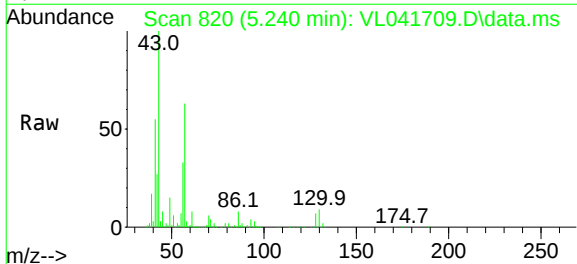
Manual Integrations
APPROVED

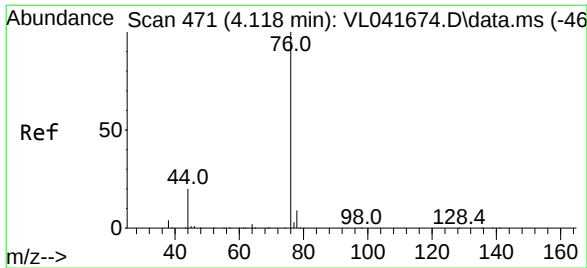
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#26
Hexane
Concen: 9.700 ppbv
RT: 5.240 min Scan# 820
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

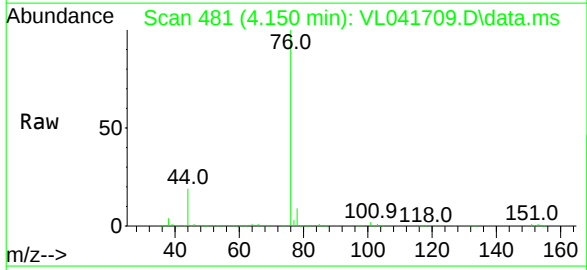
Tgt Ion: 57 Resp: 1146986
Ion Ratio Lower Upper
57 100
41 92.3 76.1 114.1
43 245.5 207.0 310.6
56 53.6 43.7 65.5





#27
Carbon Disulfide
Concen: 10.238 ppbv
RT: 4.150 min Scan# 48
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

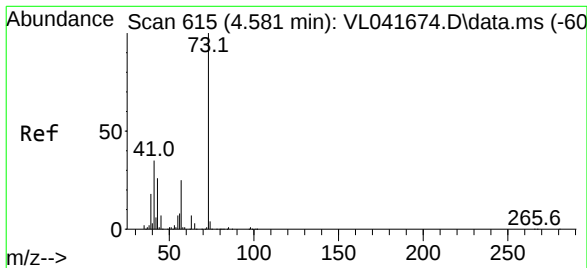
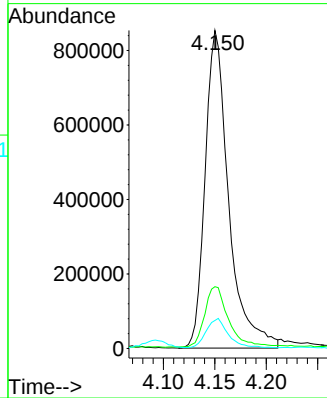
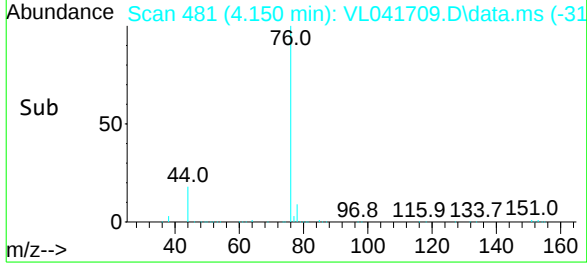
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1360037
Ion Ratio Lower Upper
76 100
44 20.0 15.8 23.8
78 9.3 7.5 11.3

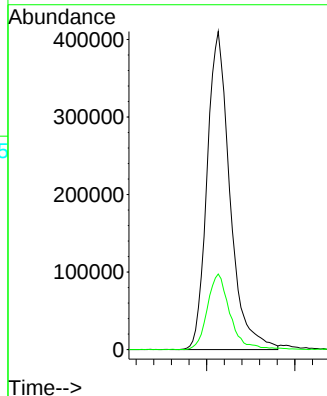
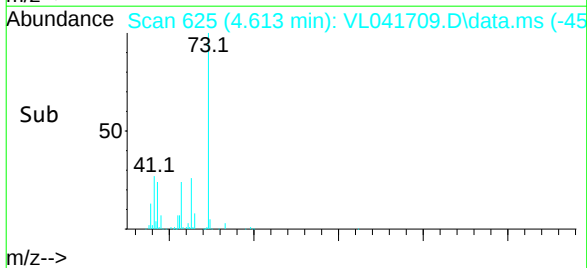
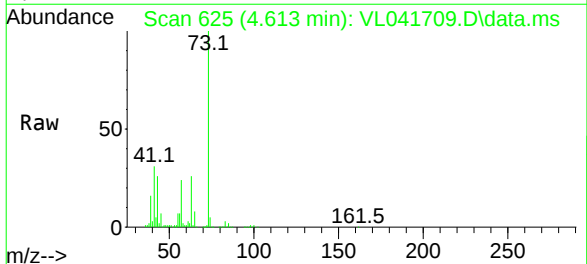
Manual Integrations
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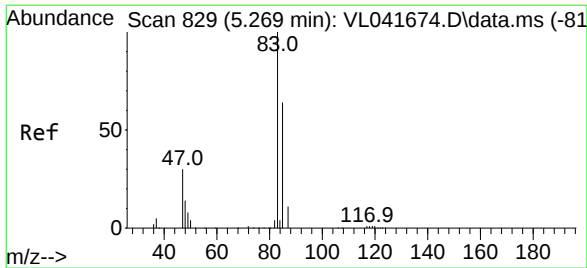
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#28
Methyl tert-Butyl Ether
Concen: 9.700 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 73 Resp: 738621
Ion Ratio Lower Upper
73 100
57 23.7 19.6 29.4





#29

Chloroform

Concen: 8.986 ppbv

RT: 5.301 min Scan# 83

Delta R.T. 0.032 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1753842

Ion Ratio Lower Upper

83 100

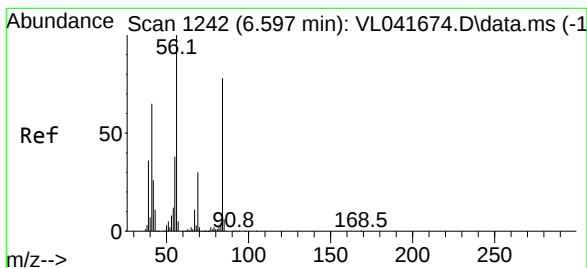
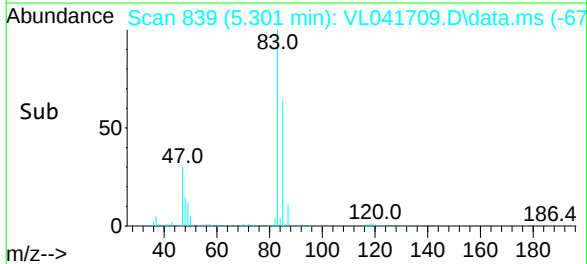
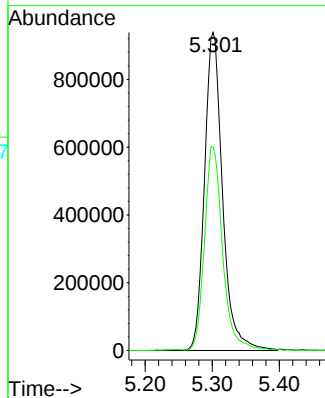
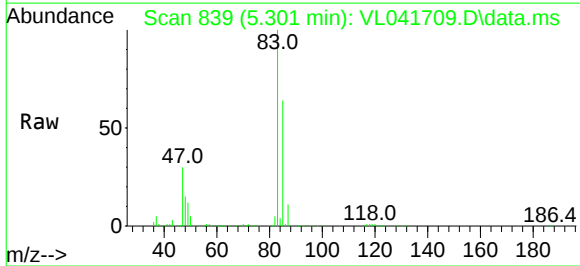
85 63.8 51.1 76.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#30

Cyclohexane

Concen: 9.652 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. 0.032 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

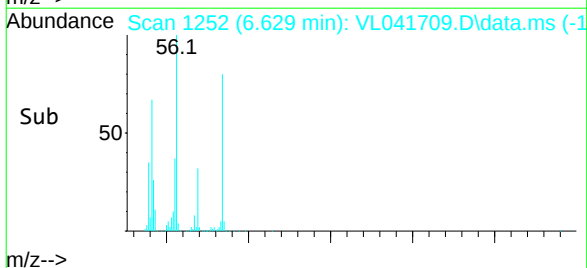
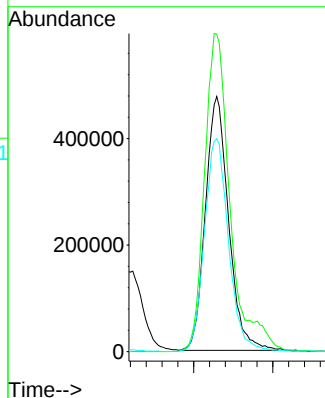
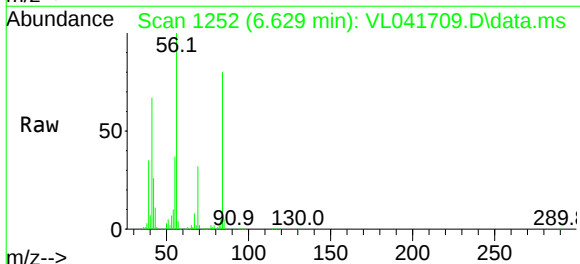
Tgt Ion: 84 Resp: 971784

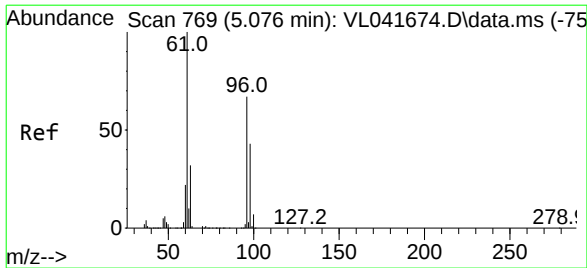
Ion Ratio Lower Upper

84 100

56 138.8 110.8 166.2

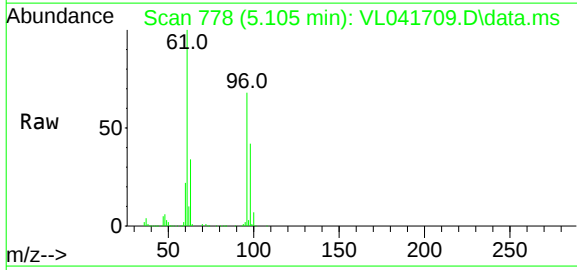
41 87.7 70.0 105.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.741 ppbv
 RT: 5.105 min Scan# 77
 Delta R.T. 0.029 min
 Lab File: VL041709.D
 Acq: 21 Nov 2024 7:29

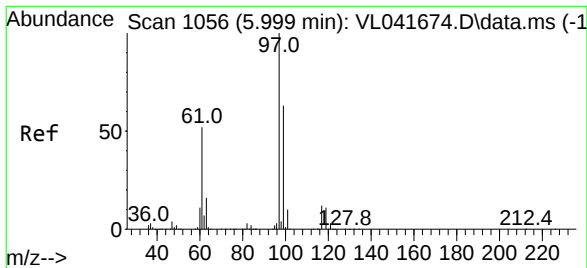
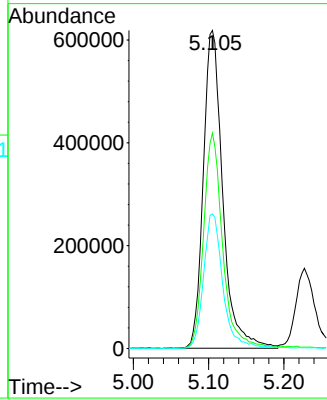
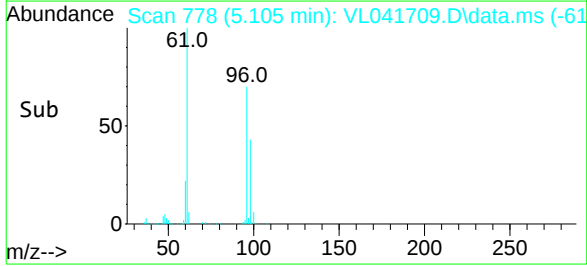
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



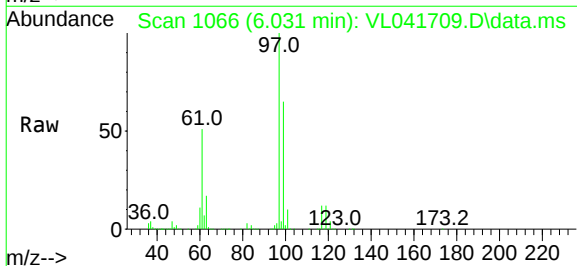
Tgt Ion: 61 Resp: 1108063
 Ion Ratio Lower Upper
 61 100
 96 67.7 53.4 80.2
 98 42.3 34.0 51.0

Manual Integrations
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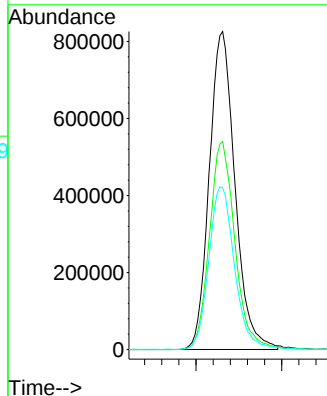
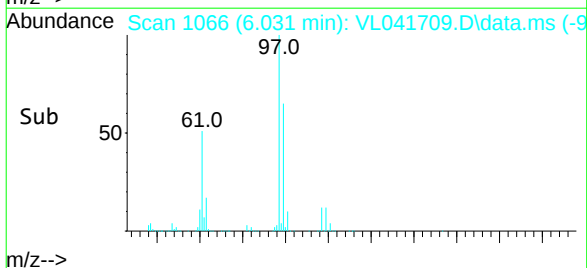
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

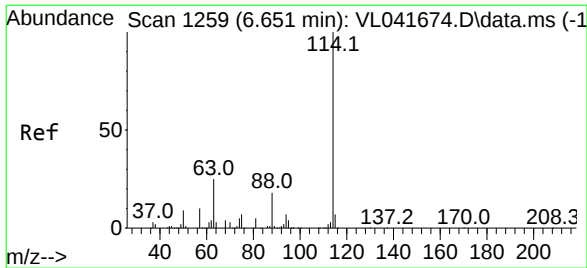


#32
 1,1,1-Trichloroethane
 Concen: 9.639 ppbv
 RT: 6.031 min Scan# 1066
 Delta R.T. 0.032 min
 Lab File: VL041709.D
 Acq: 21 Nov 2024 7:29



Tgt Ion: 97 Resp: 1716370
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.4 77.2
 61 51.9 41.7 62.5





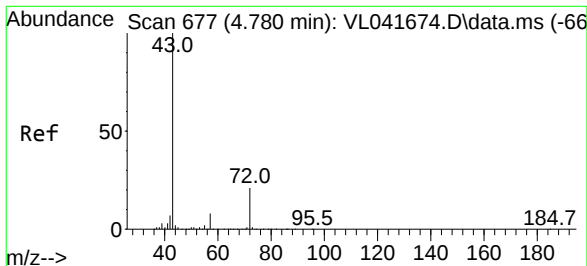
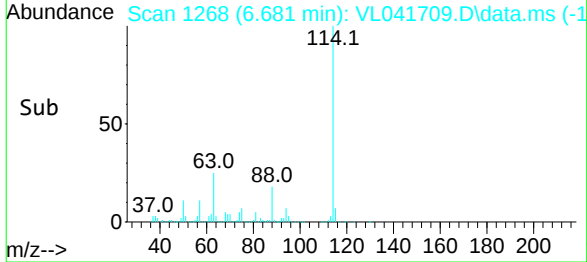
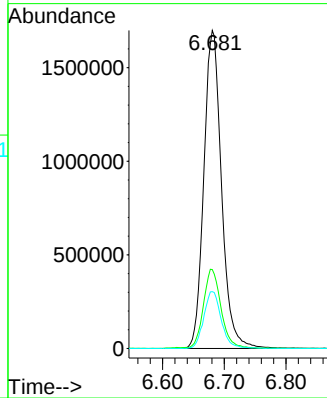
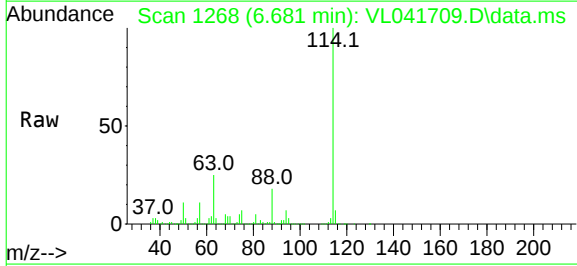
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.681 min Scan# 1259
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 114 Resp: 3379901
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 17.8 14.2 21.4

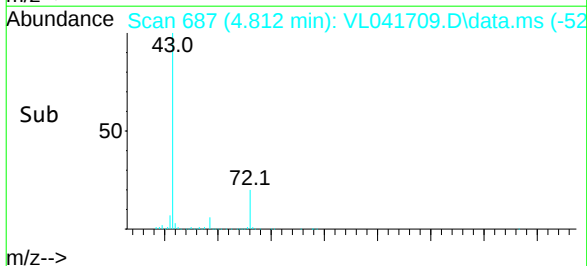
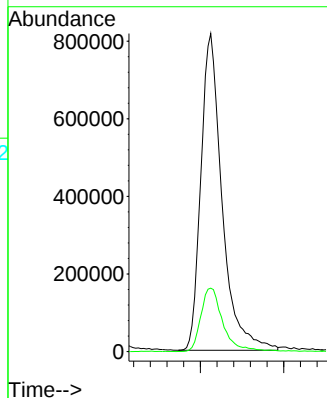
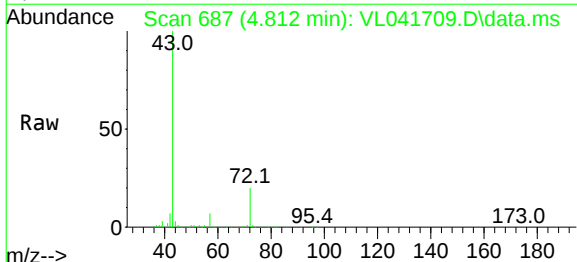
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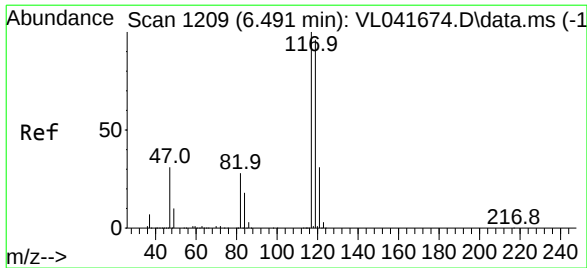
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#34
2-Butanone
Concen: 8.572 ppbv
RT: 4.812 min Scan# 687
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 43 Resp: 1442644
Ion Ratio Lower Upper
43 100
72 21.2 17.4 26.0





#35

Carbon Tetrachloride

Concen: 9.970 ppbv

RT: 6.520 min Scan# 12

Delta R.T. 0.029 min

Lab File: VL041709.D

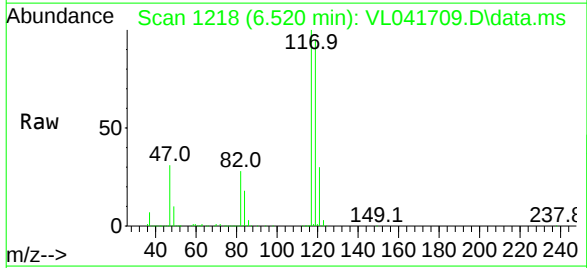
Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:117 Resp: 1777842

Ion Ratio Lower Upper

117 100

119 94.9 77.2 115.8

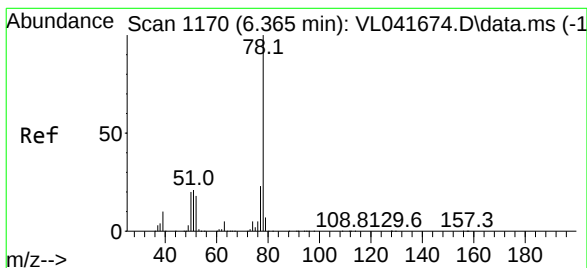
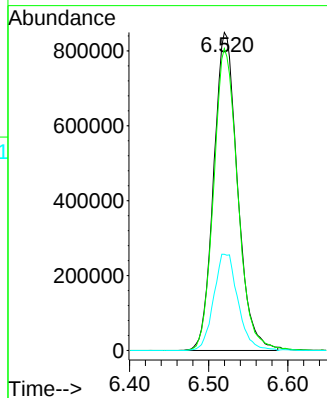
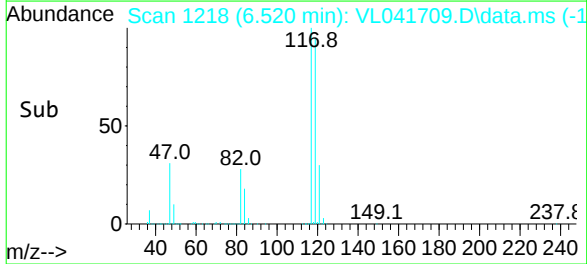
121 30.2 25.0 37.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#36

Benzene

Concen: 9.684 ppbv

RT: 6.398 min Scan# 1180

Delta R.T. 0.032 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

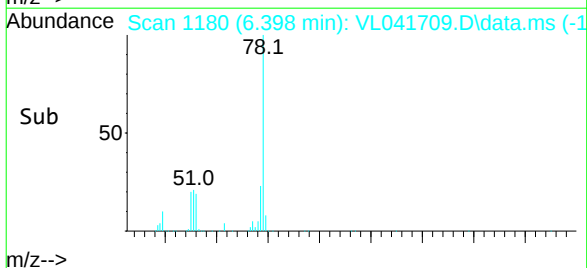
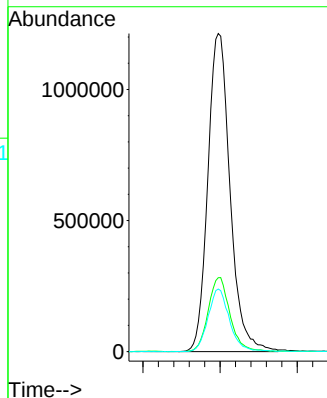
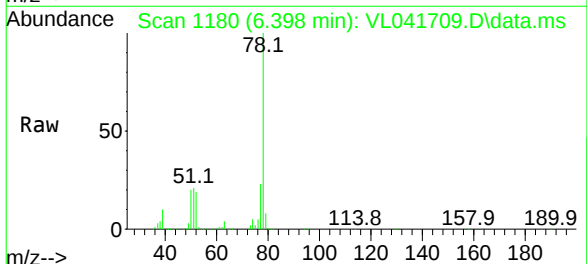
Tgt Ion: 78 Resp: 2425075

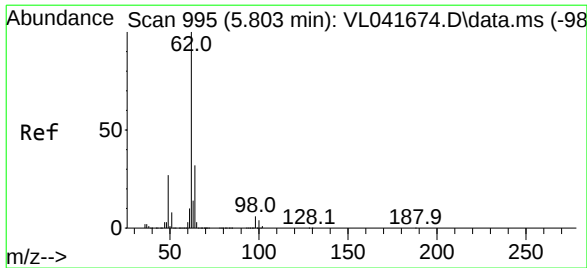
Ion Ratio Lower Upper

78 100

77 23.2 18.5 27.7

50 19.6 15.6 23.4





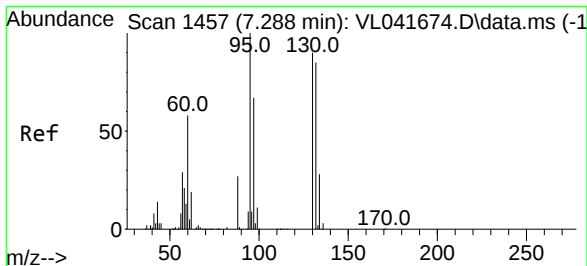
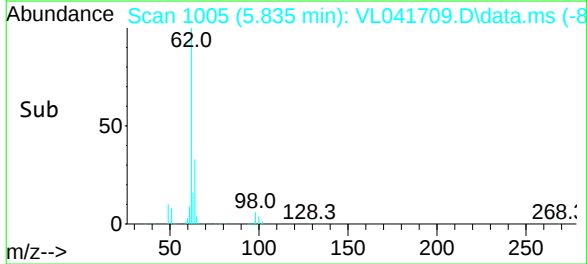
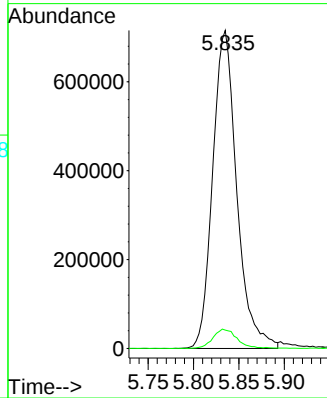
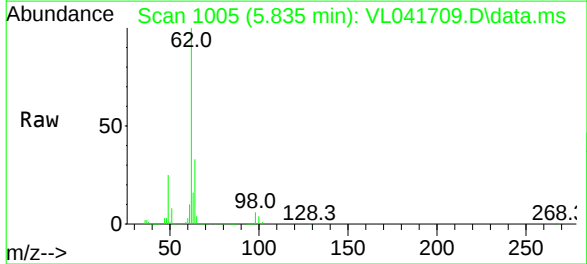
#37
1,2-Dichloroethane
Concen: 9.362 ppbv
RT: 5.835 min Scan# 10
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1322711
Ion Ratio Lower Upper
62 100
98 6.3 5.2 7.8

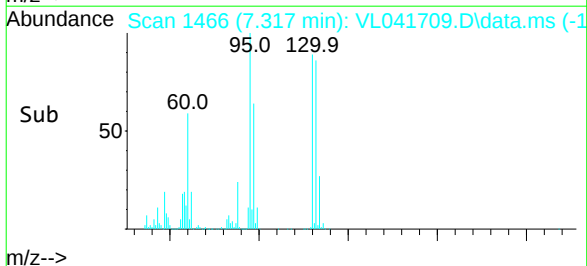
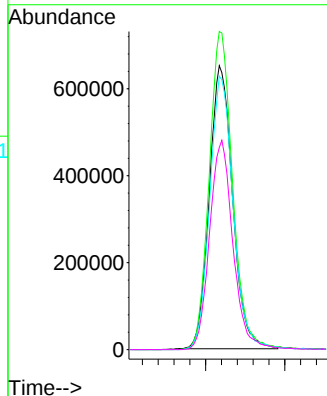
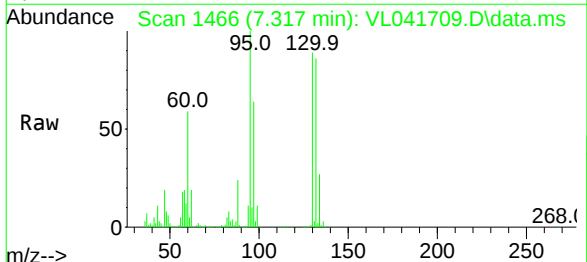
Manual Integrations
APPROVED

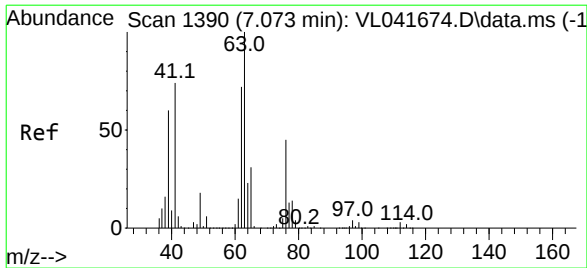
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#38
Trichloroethene
Concen: 13.835 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion:130 Resp: 1330686
Ion Ratio Lower Upper
130 100
95 112.3 89.1 133.7
132 96.6 75.7 113.5
97 71.4 60.0 90.0





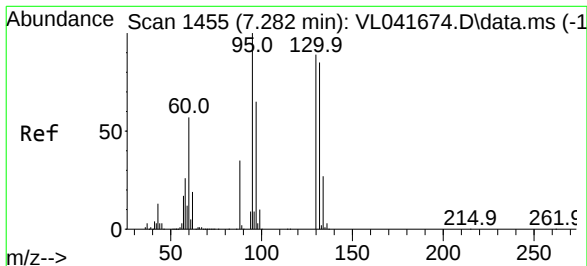
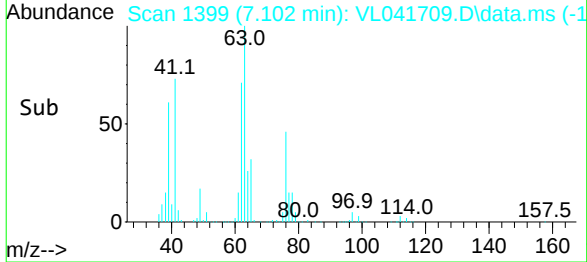
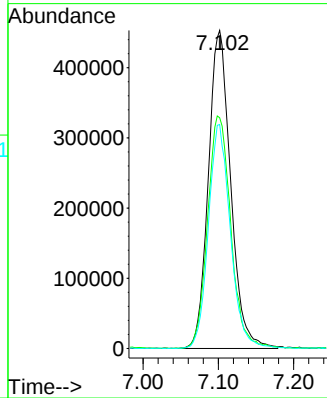
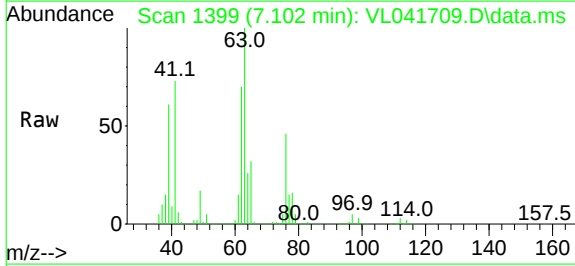
#39
1,2-Dichloropropane
Concen: 9.419 ppbv
RT: 7.102 min Scan# 1390
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 932162
Ion Ratio Lower Upper
63 100
41 72.5 59.1 88.7
62 70.3 57.7 86.5

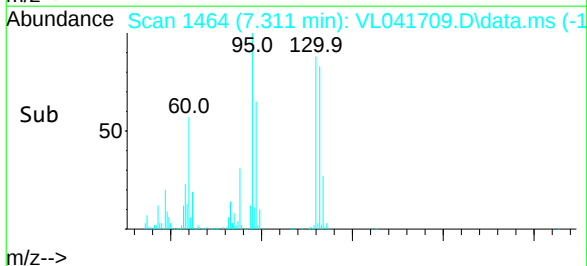
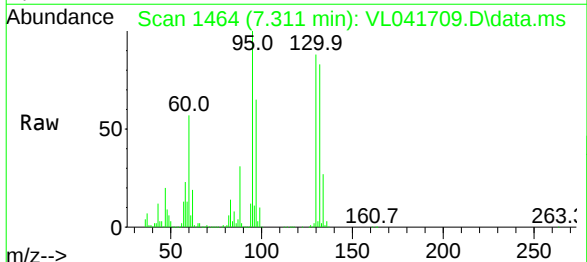
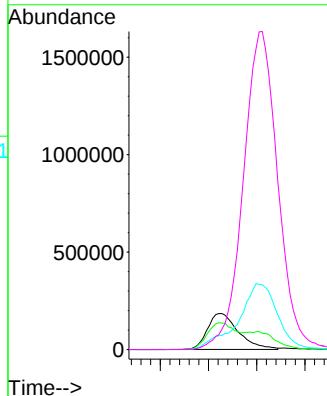
Manual Integrations
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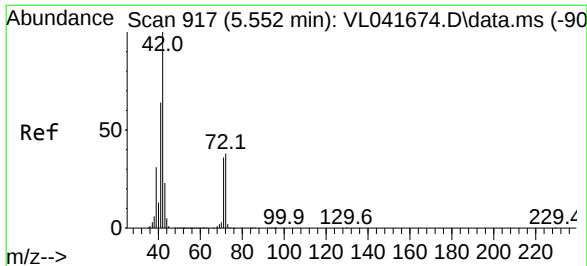
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#40
1,4-Dioxane
Concen: 11.593 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

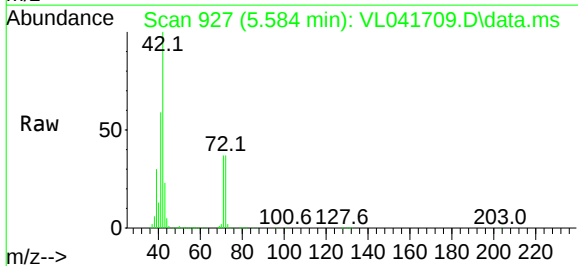
Tgt Ion: 88 Resp: 411655
Ion Ratio Lower Upper
88 100
58 120.3 101.4 152.2
43 0.0 208.0 312.0#
57 0.0 902.9 1354.3#





#41
Tetrahydrofuran
Concen: 10.547 ppbv
RT: 5.584 min Scan# 92
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

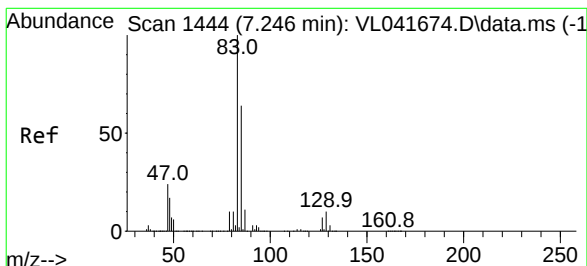
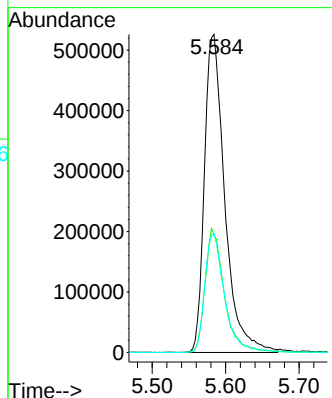
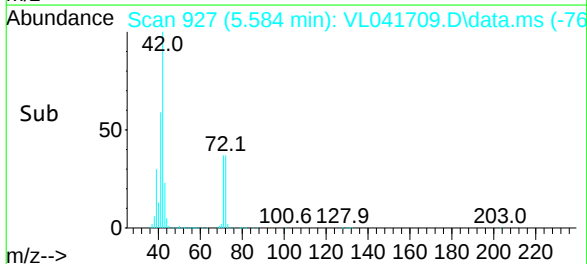
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 1013720
Ion Ratio Lower Upper
42 100
72 37.0 29.8 44.6
71 36.5 29.4 44.2

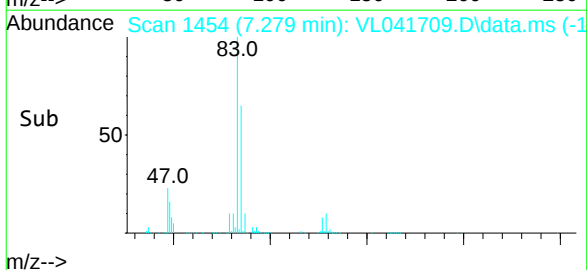
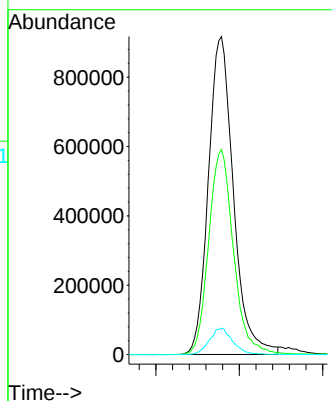
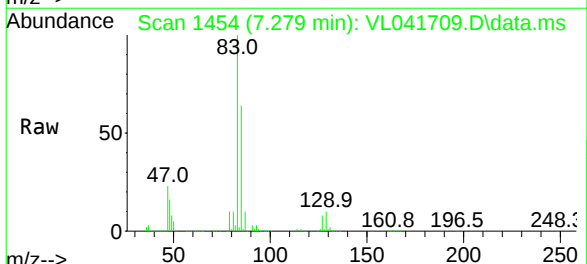
Manual Integrations
APPROVED

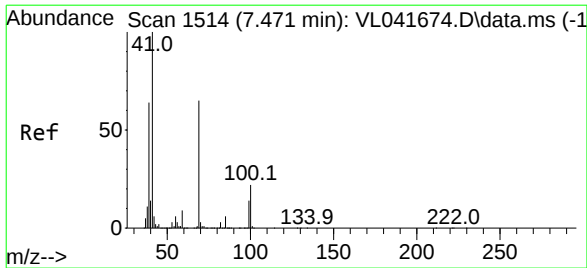
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#42
Bromodichloromethane
Concen: 9.739 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 83 Resp: 1912025
Ion Ratio Lower Upper
83 100
85 64.5 51.2 76.8
127 8.4 6.0 9.0





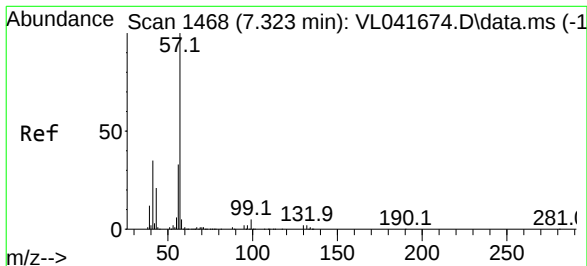
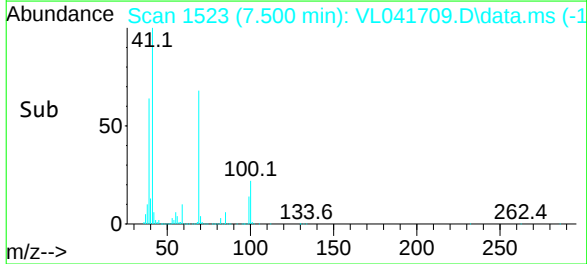
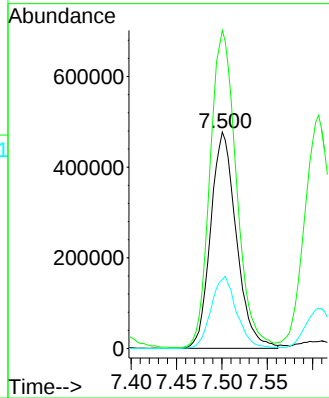
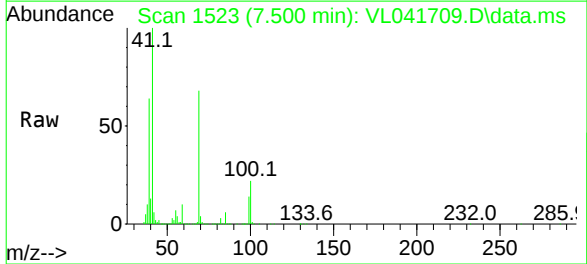
#43
Methyl Methacrylate
Concen: 10.676 ppbv
RT: 7.500 min Scan# 1514
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	69	Resp:	938753
Ion	Ratio	Lower	Upper
69	100		
41	151.0	119.8	179.6
100	33.2	27.3	40.9

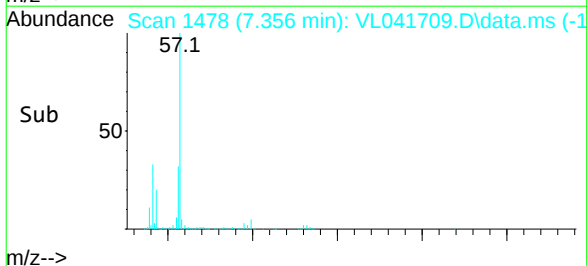
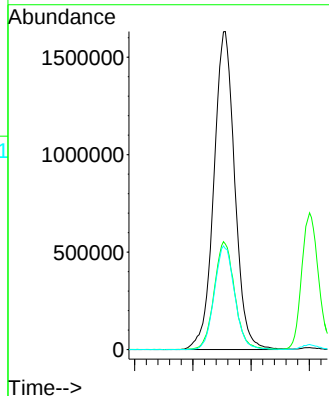
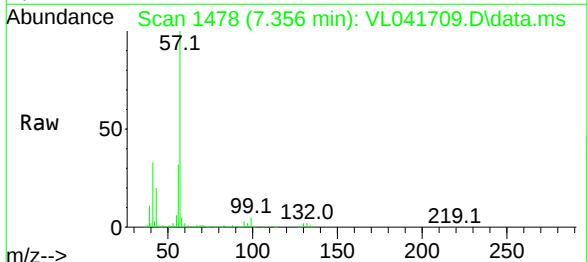
Manual Integrations
APPROVED

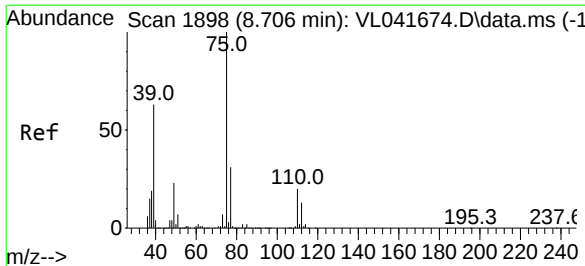
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#44
2,2,4-Trimethylpentane
Concen: 9.593 ppbv
RT: 7.356 min Scan# 1478
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

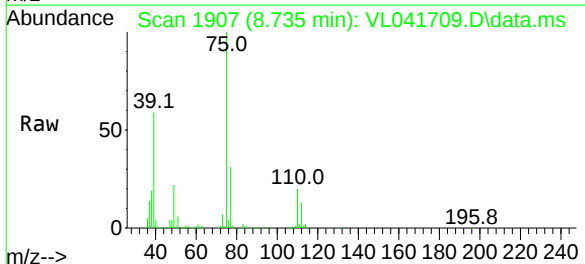
Tgt Ion:	57	Resp:	4069232
Ion	Ratio	Lower	Upper
57	100		
41	33.1	27.0	40.6
56	31.8	25.8	38.6





#45
t-1,3-Dichloropropene
Concen: 10.176 ppbv
RT: 8.735 min Scan# 1917
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

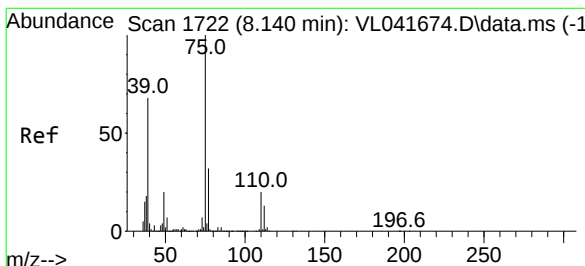
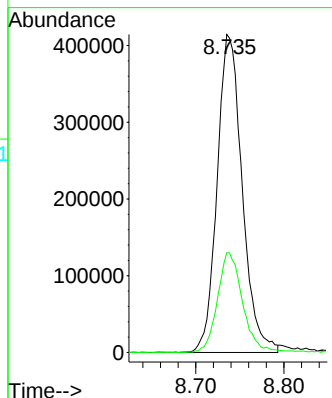
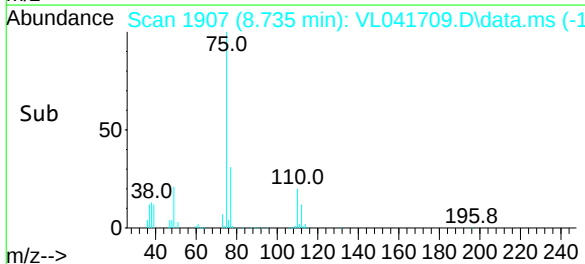
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



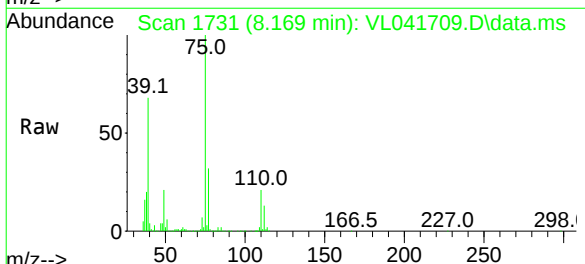
Tgt Ion: 75 Resp: 817572
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1

Manual Integrations
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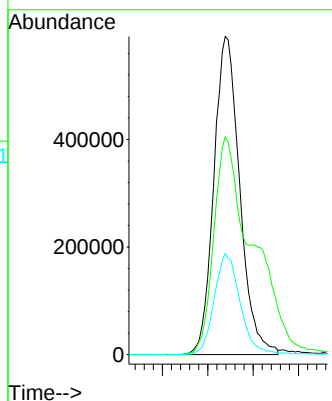
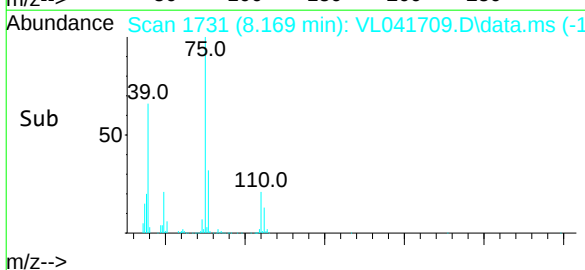
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

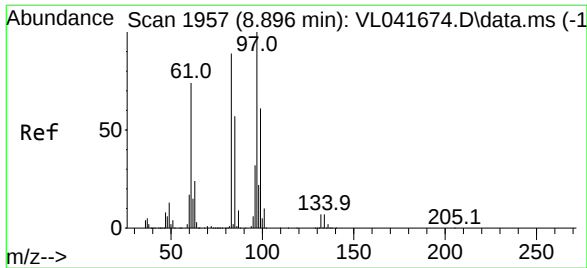


#46
cis-1,3-Dichloropropene
Concen: 10.162 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29



Tgt Ion: 75 Resp: 1172724
Ion Ratio Lower Upper
75 100
39 68.3 54.1 81.1
77 31.8 25.3 37.9





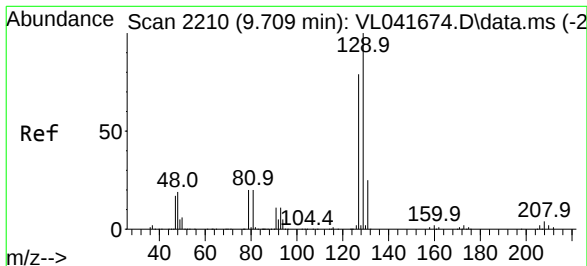
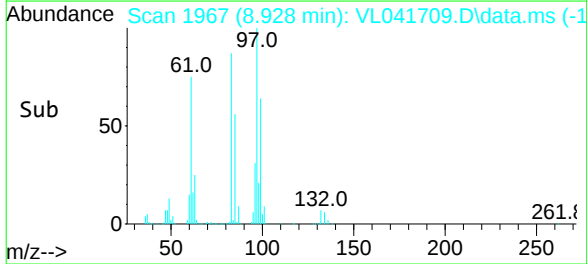
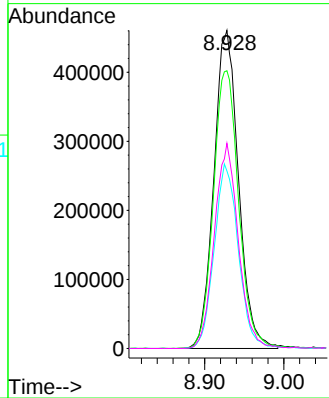
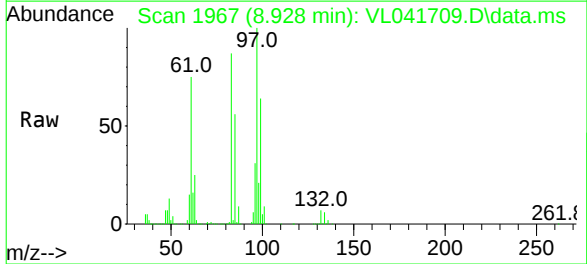
#47
1,1,2-Trichloroethane
Concen: 9.296 ppbv
RT: 8.928 min Scan# 1957
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.0	106.6
85	55.8	45.4	68.2
99	64.5	49.0	73.6

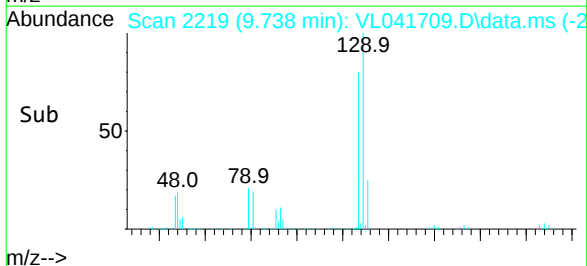
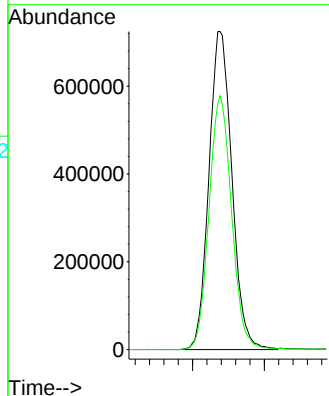
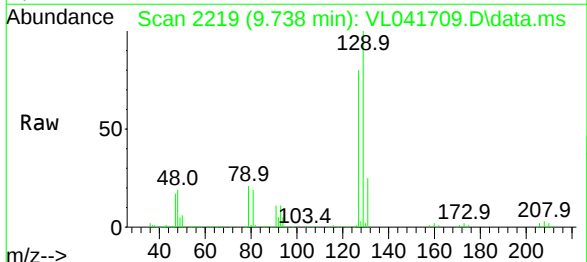
Manual Integrations
APPROVED

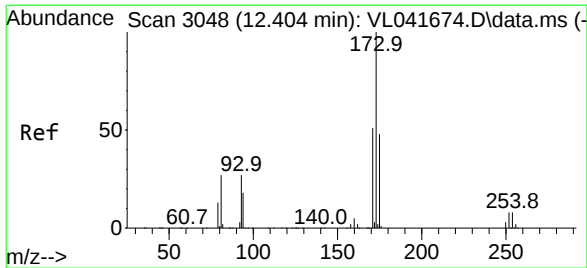
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#48
Dibromochloromethane
Concen: 9.900 ppbv
RT: 9.738 min Scan# 2219
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.1	117.2





#49

Bromoform

Concen: 10.200 ppbv

RT: 12.436 min Scan# 3048

Delta R.T. 0.032 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

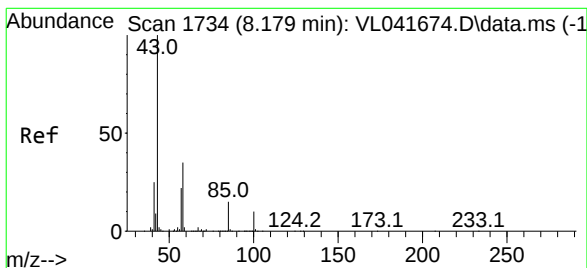
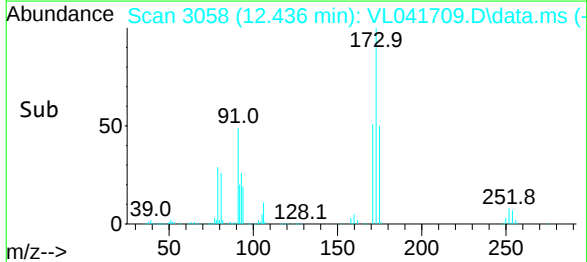
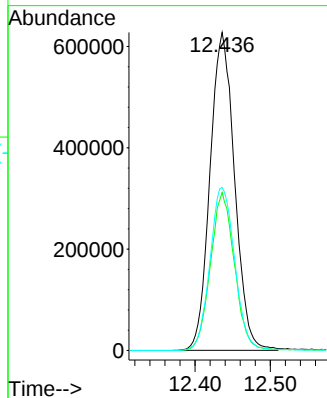
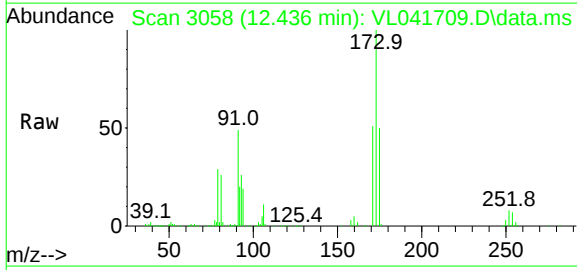
Tgt Ion: 173 Resp: 1420910

Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.2	58.8
171	52.1	41.7	62.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#50

4-Methyl-2-Pentanone

Concen: 10.119 ppbv

RT: 8.208 min Scan# 1743

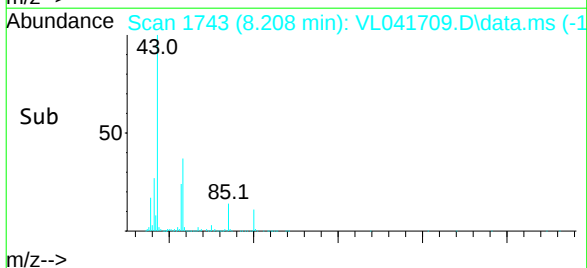
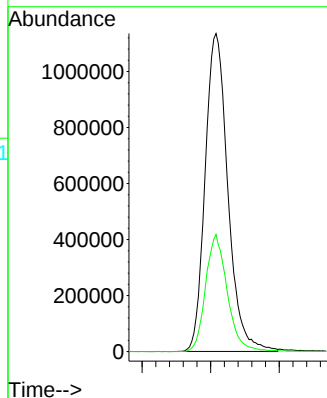
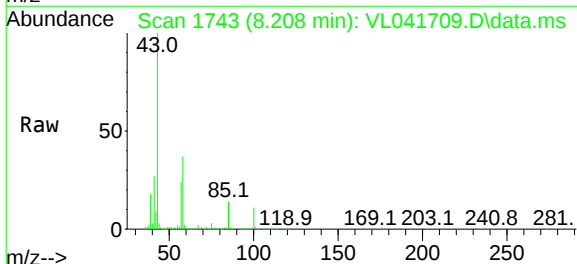
Delta R.T. 0.029 min

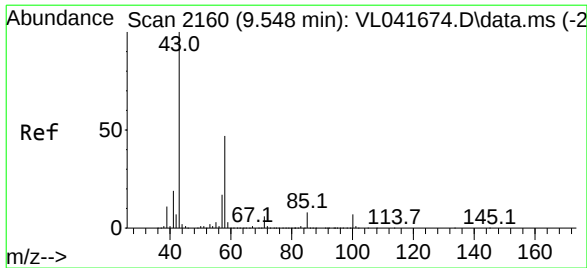
Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Tgt Ion: 43 Resp: 2614411

Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.7	41.5





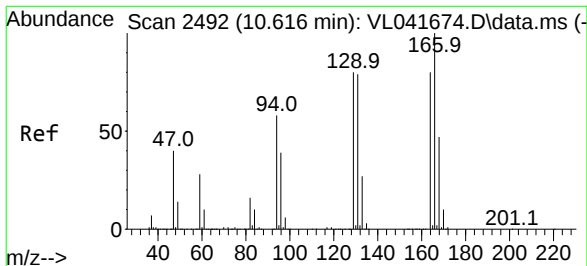
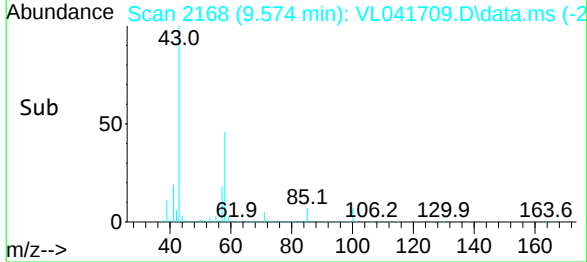
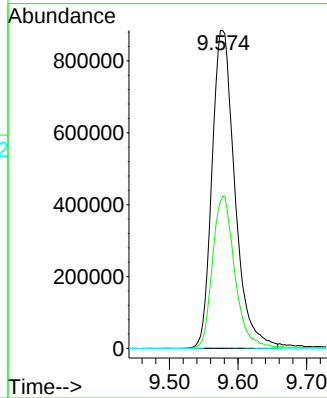
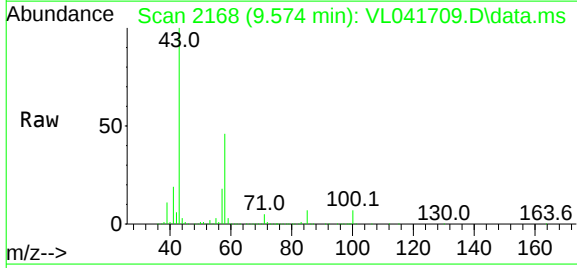
#51
2-Hexanone
Concen: 10.896 ppbv
RT: 9.574 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2050117
Ion Ratio Lower Upper
43 100
58 47.3 37.0 55.6
98 0.3 0.6 0.8#

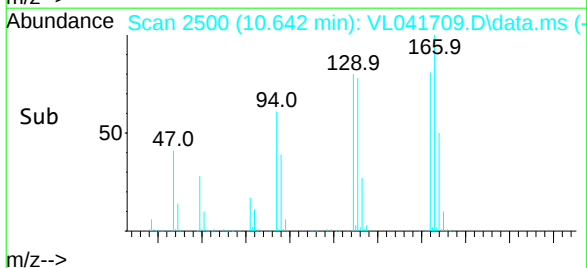
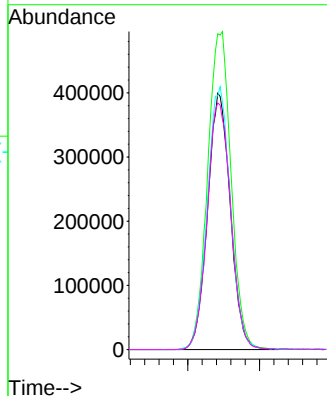
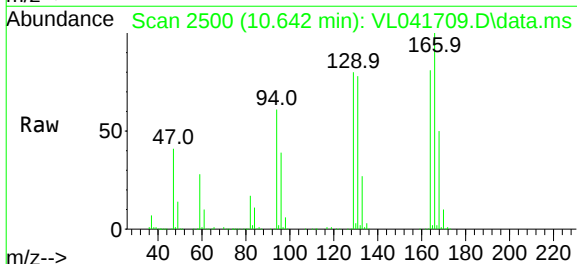
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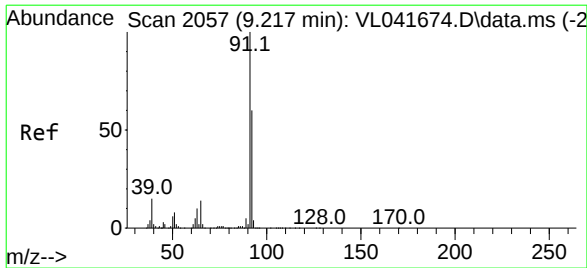
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#52
Tetrachloroethene
Concen: 10.301 ppbv
RT: 10.642 min Scan# 2500
Delta R.T. 0.026 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion:164 Resp: 879104
Ion Ratio Lower Upper
164 100
166 123.1 100.2 150.4
129 98.8 79.7 119.5
131 96.2 79.0 118.4





#53

Toluene

Concen: 10.484 ppbv

RT: 9.250 min Scan# 2057

Delta R.T. 0.032 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 2760961

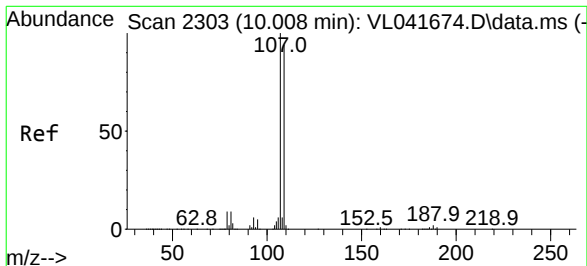
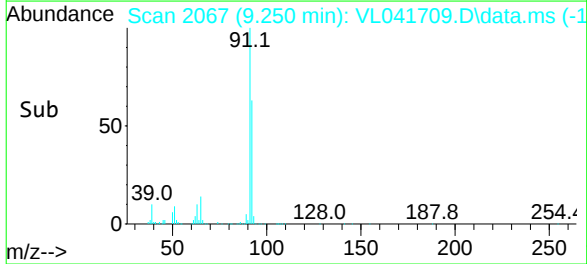
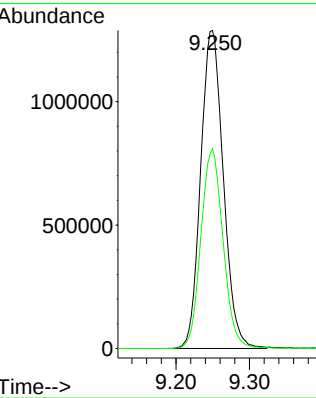
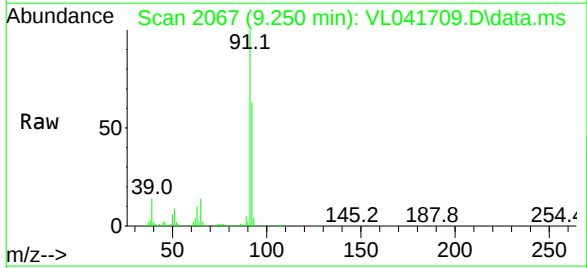
Ion	Ratio	Lower	Upper
91	100		
92	61.3	49.0	73.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#54

1,2-Dibromoethane

Concen: 10.517 ppbv

RT: 10.037 min Scan# 2312

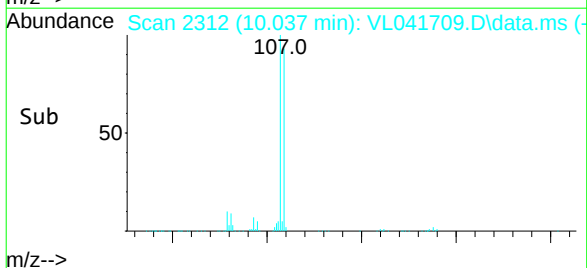
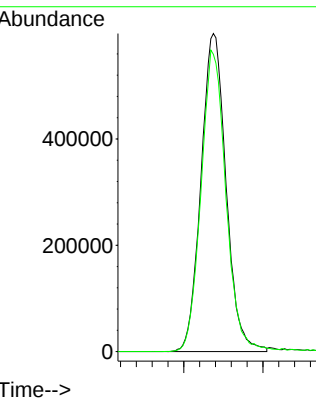
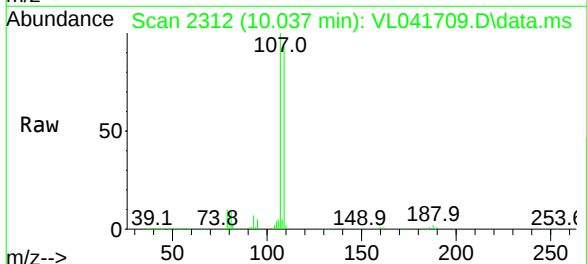
Delta R.T. 0.029 min

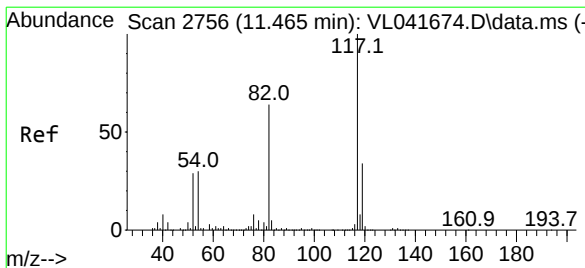
Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Tgt Ion:107 Resp: 1316085

Ion	Ratio	Lower	Upper
107	100		
109	93.4	74.9	112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.494 min Scan# 27

Delta R.T. 0.029 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 3145798

Ion Ratio Lower Upper

117 100

82 63.2 49.8 74.8

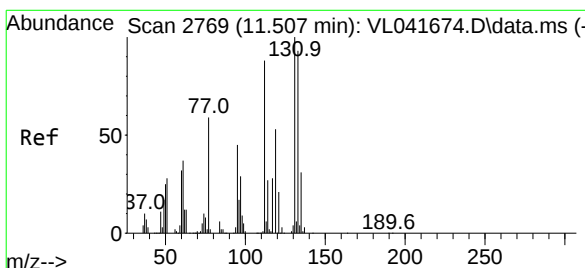
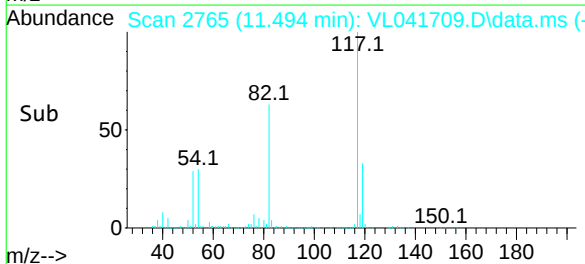
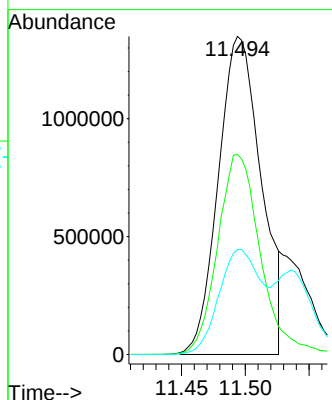
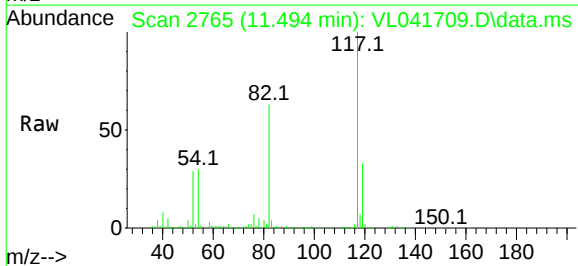
119 35.1 24.2 36.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 9.181 ppbv

RT: 11.536 min Scan# 2778

Delta R.T. 0.029 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

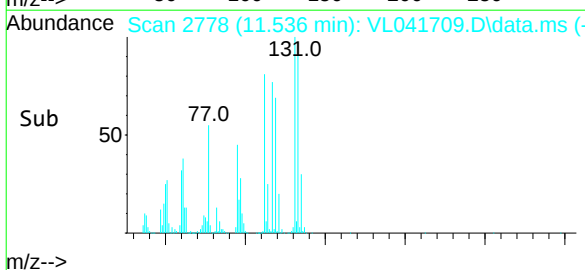
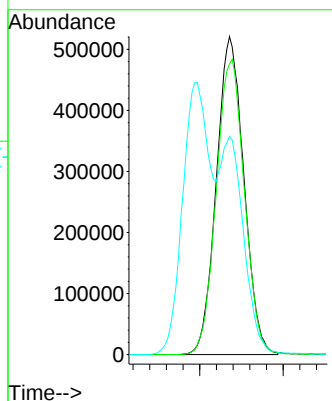
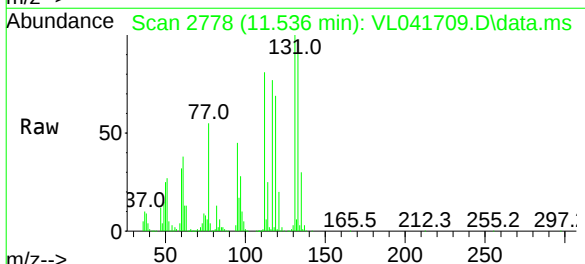
Tgt Ion:131 Resp: 1191121

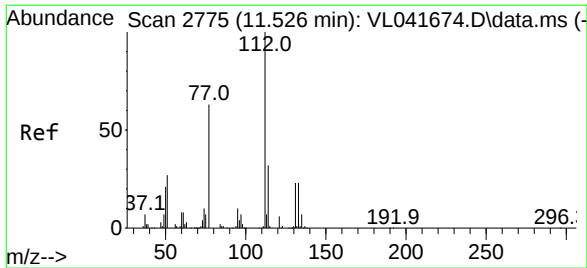
Ion Ratio Lower Upper

131 100

133 95.3 76.5 114.7

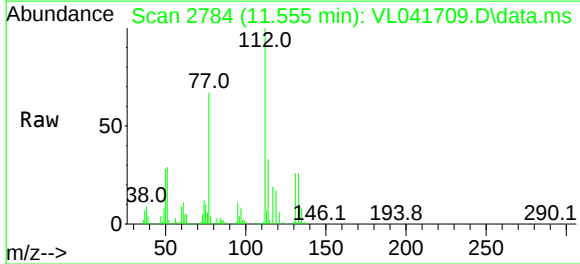
119 64.5 49.8 74.8





#57
Chlorobenzene
Concen: 9.249 ppbv
RT: 11.555 min Scan# 2775
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

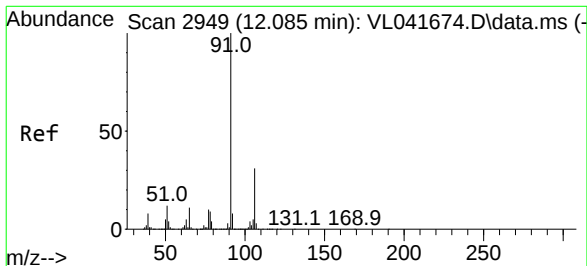
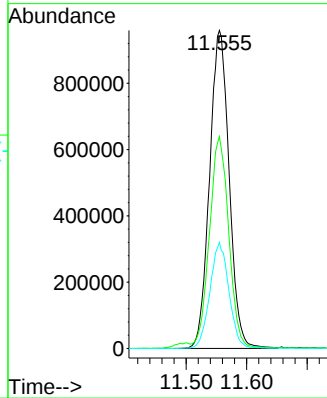
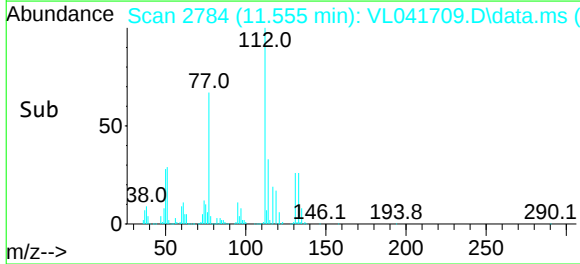
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 2151884
Ion Ratio Lower Upper
112 100
77 66.5 51.4 77.2
114 33.3 28.4 34.8

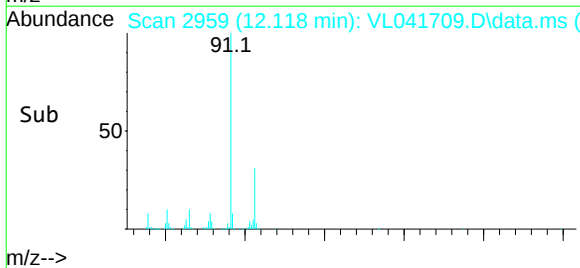
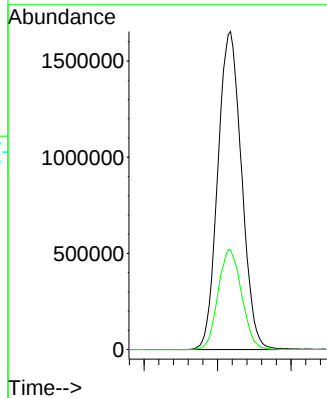
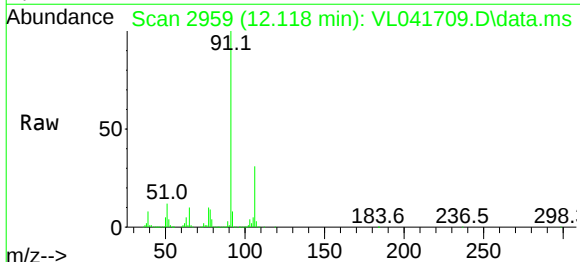
Manual Integrations
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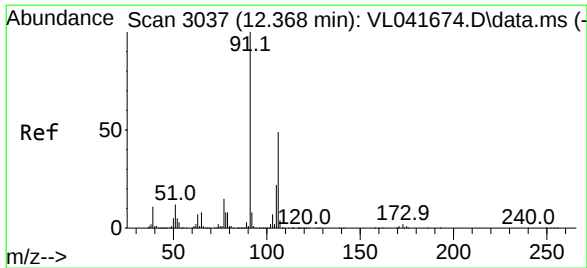
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#58
Ethyl Benzene
Concen: 10.765 ppbv
RT: 12.118 min Scan# 2959
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 91 Resp: 3712408
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3





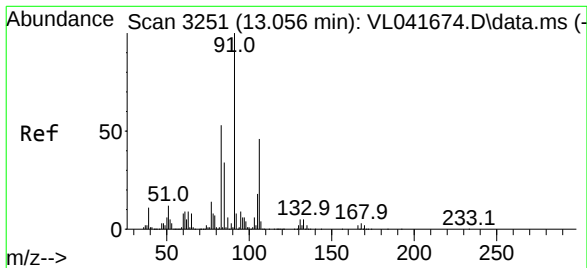
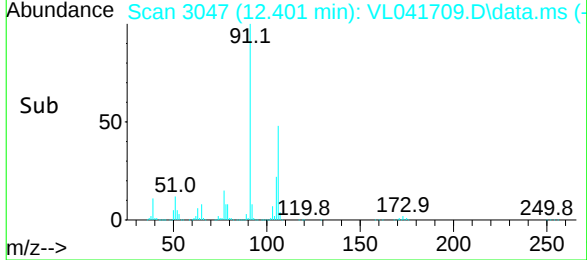
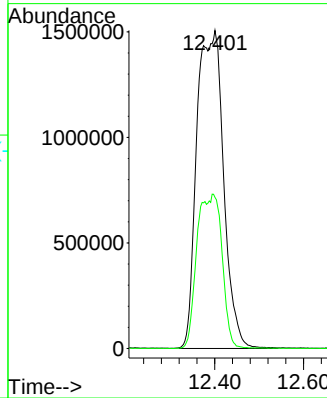
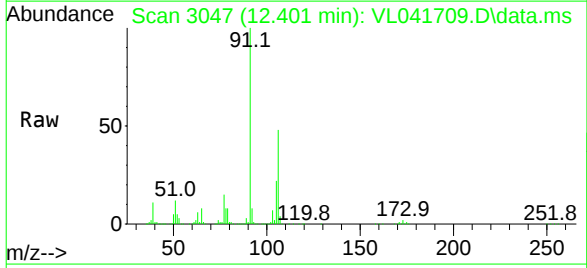
#59
m/p-Xylene
Concen: 20.329 ppbv m
RT: 12.401 min Scan# 3037
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 6278463
Ion Ratio Lower Upper
91 100
106 45.7 36.9 55.3

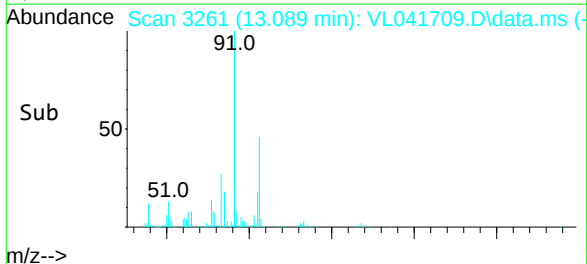
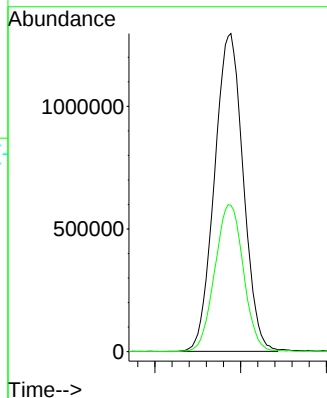
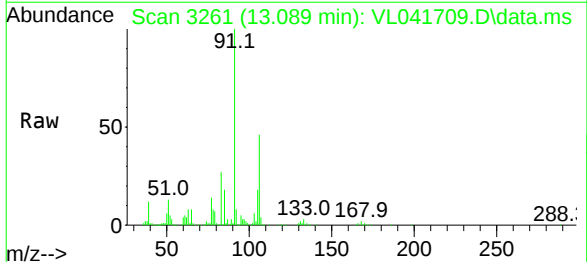
Manual Integrations
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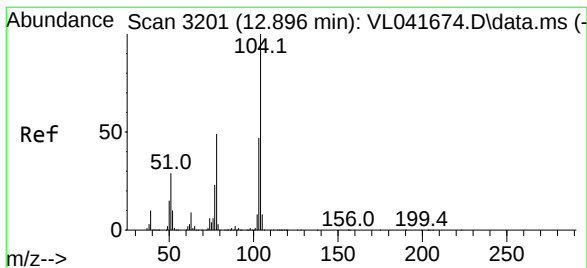
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#60
o-Xylene
Concen: 10.247 ppbv
RT: 13.089 min Scan# 3261
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion: 91 Resp: 3017691
Ion Ratio Lower Upper
91 100
106 46.2 23.2 69.6





#61

Styrene

Concen: 12.061 ppbv

RT: 12.925 min Scan# 3201

Delta R.T. 0.029 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

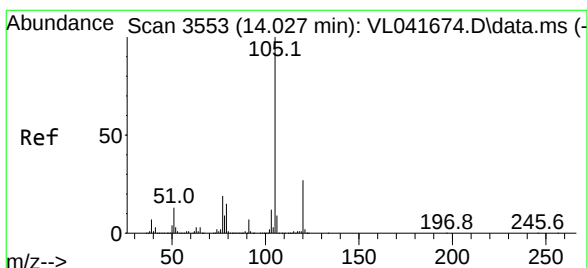
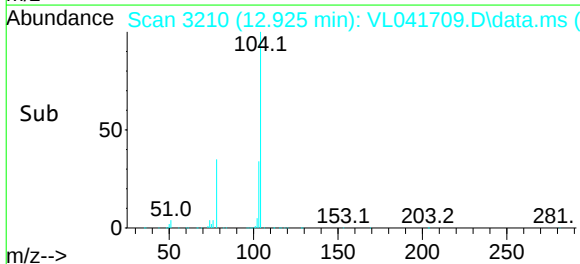
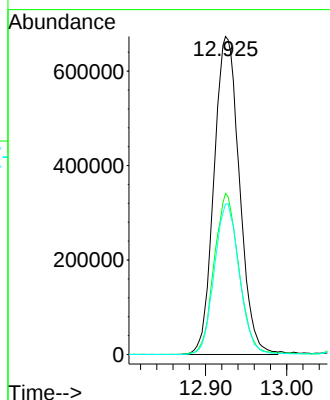
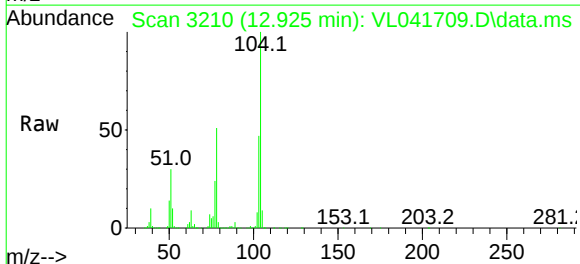
ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1465963
 Ion Ratio Lower Upper
 104 100
 78 49.6 39.8 59.8
 103 46.7 37.4 56.0

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Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#62

Isopropylbenzene

Concen: 9.609 ppbv

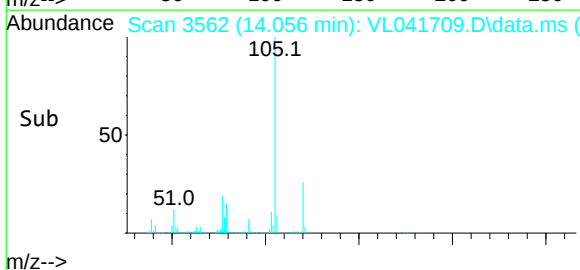
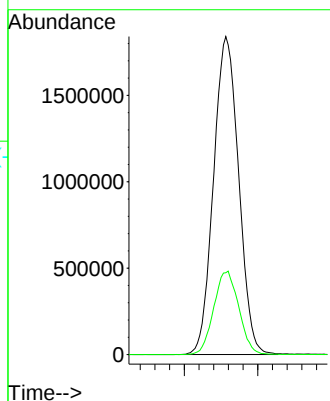
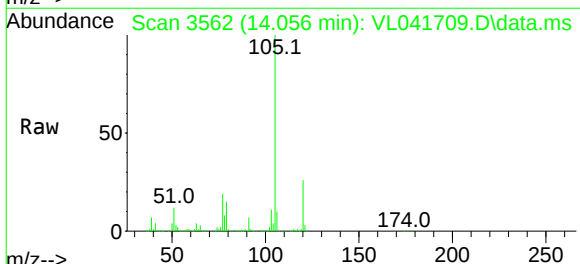
RT: 14.056 min Scan# 3562

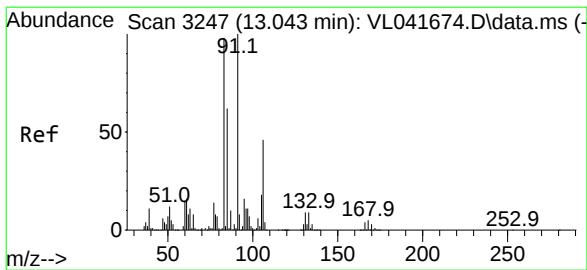
Delta R.T. 0.029 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

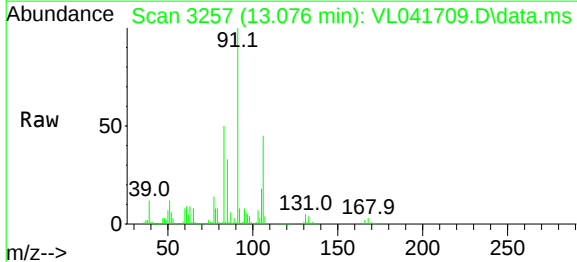
Tgt Ion:105 Resp: 4370608
 Ion Ratio Lower Upper
 105 100
 120 26.2 21.1 31.7





#63
1,1,2,2-Tetrachloroethane
Concen: 5.597 ppbv
RT: 13.076 min Scan# 3247
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

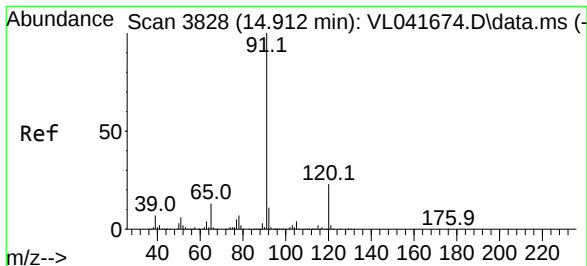
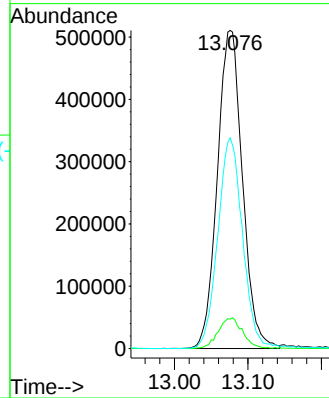
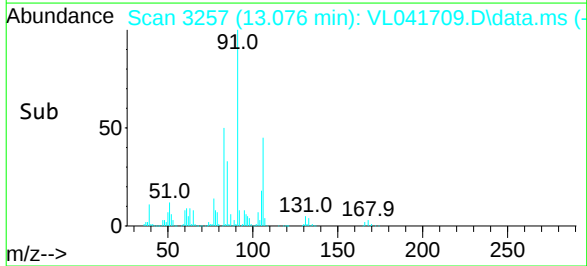
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 1212514
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 66.0 32.6 98.0

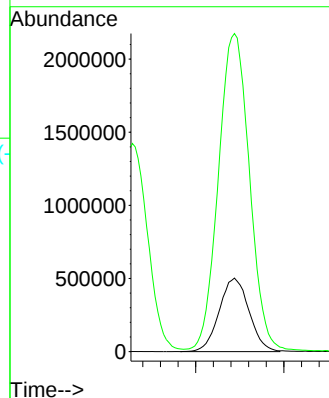
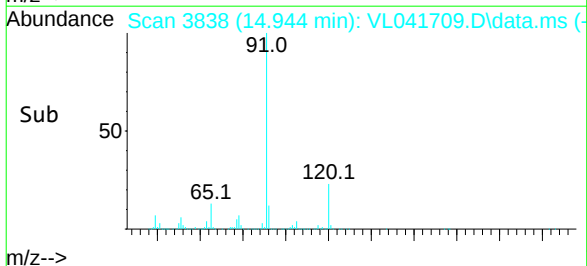
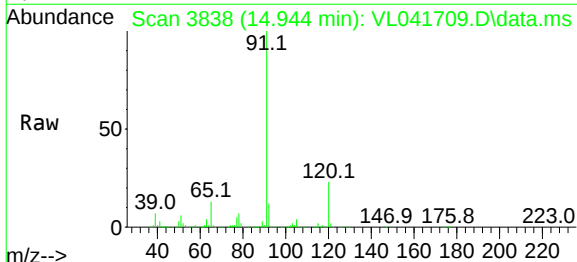
Manual Integrations
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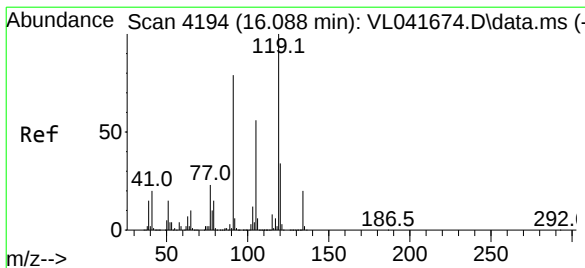
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#64
n-propylbenzene
Concen: 9.890 ppbv
RT: 14.944 min Scan# 3838
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion:120 Resp: 1177547
Ion Ratio Lower Upper
120 100
91 454.6 362.4 543.6





#65

tert-Butylbenzene

Concen: 9.627 ppbv

RT: 16.117 min Scan# 42

Delta R.T. 0.029 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 3935413

Ion Ratio Lower Upper

119 100

91 80.2 64.3 96.5

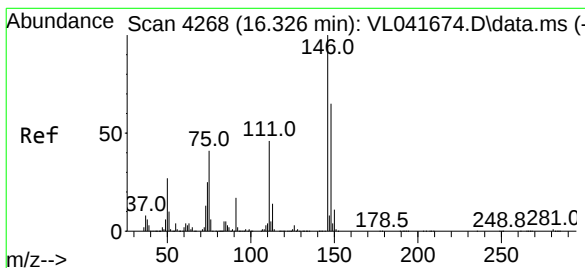
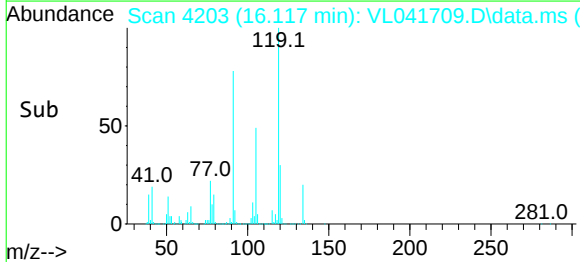
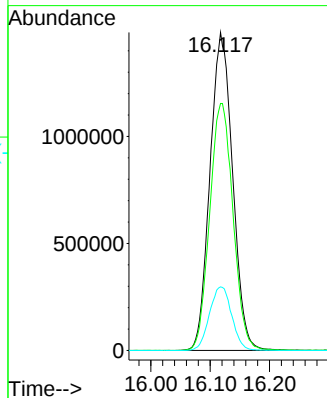
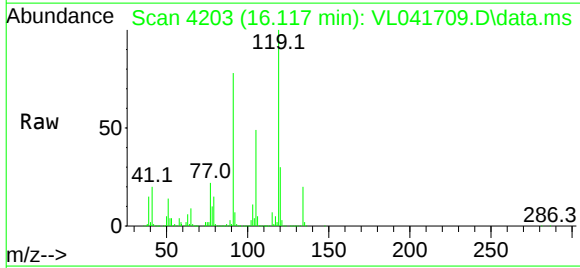
134 19.7 15.8 23.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#66

Benzyl Chloride

Concen: 6.431 ppbv m

RT: 16.359 min Scan# 4278

Delta R.T. 0.032 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

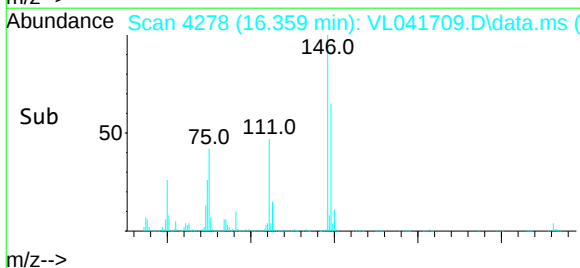
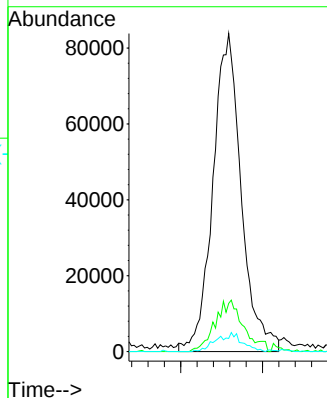
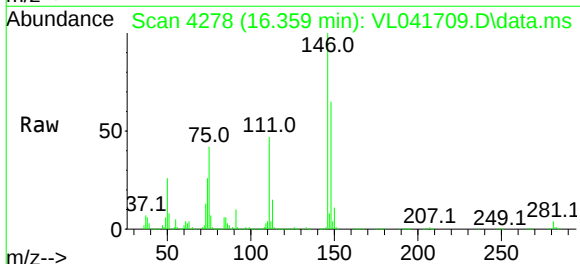
Tgt Ion: 91 Resp: 202229

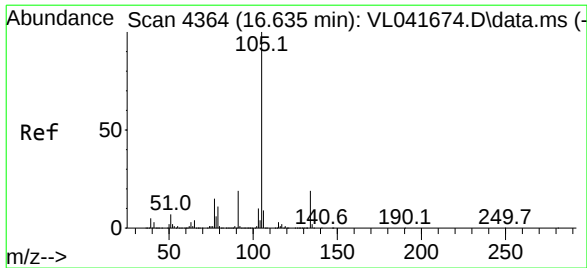
Ion Ratio Lower Upper

91 100

126 16.8 13.8 20.6

128 5.7 4.3 6.5





#67

sec-Butylbenzene

Concen: 9.498 ppbv

RT: 16.664 min Scan# 43

Delta R.T. 0.029 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 5472216

Ion Ratio Lower Upper

105 100

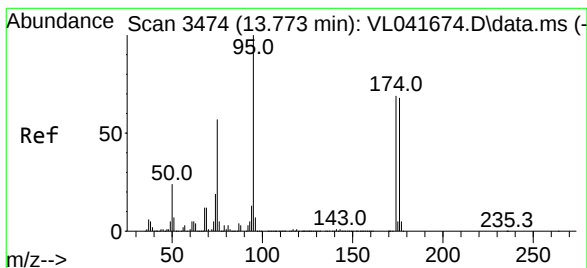
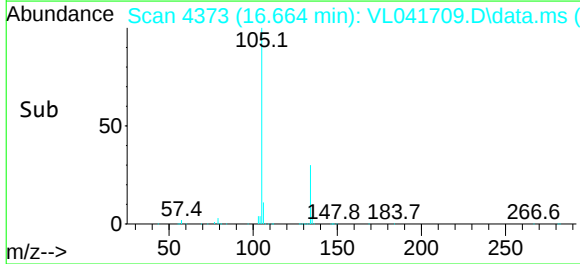
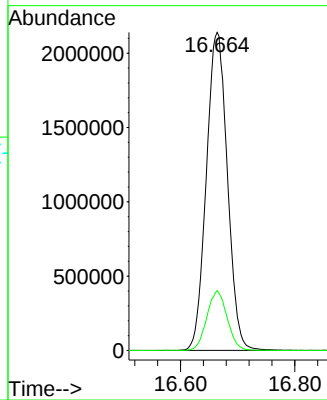
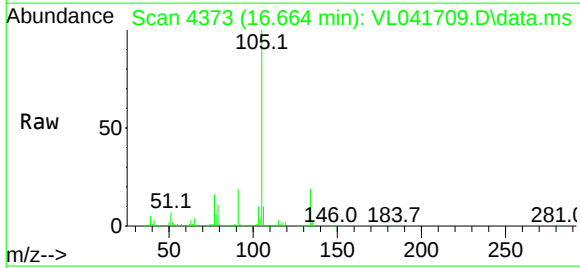
134 18.2 14.6 22.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.198 ppbv

RT: 13.802 min Scan# 3483

Delta R.T. 0.029 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

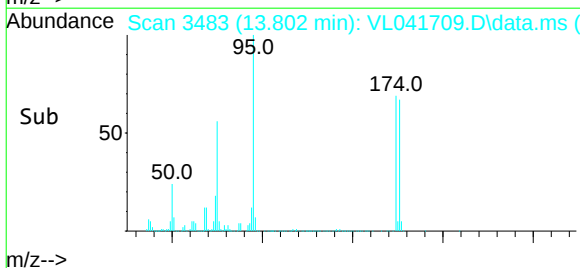
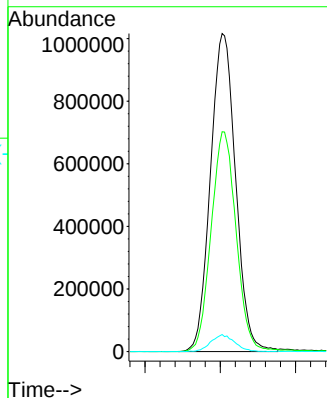
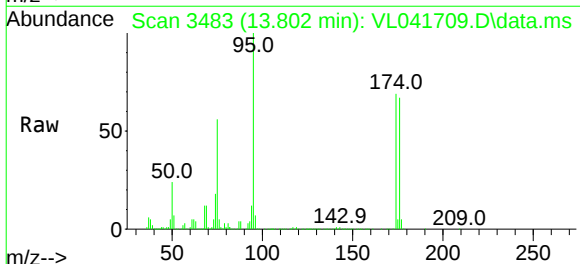
Tgt Ion: 95 Resp: 2363730

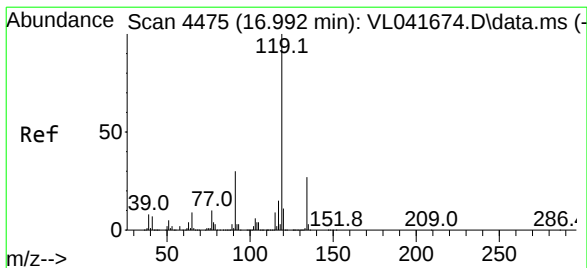
Ion Ratio Lower Upper

95 100

174 69.3 55.6 83.4

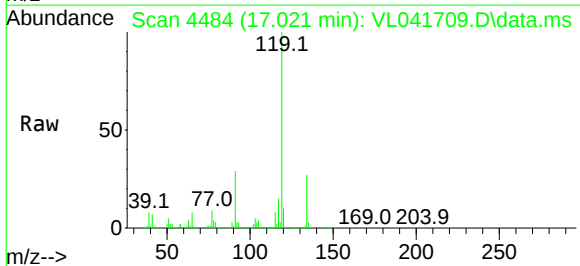
175 5.0 4.2 6.2





#69
p-Isopropyltoluene
Concen: 9.819 ppbv
RT: 17.021 min Scan# 4475
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

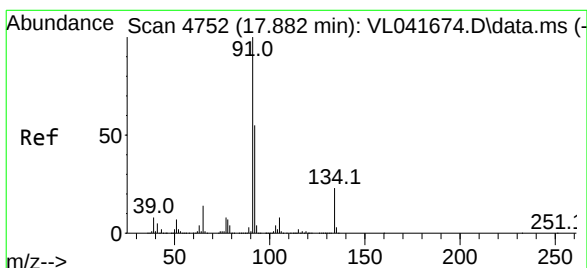
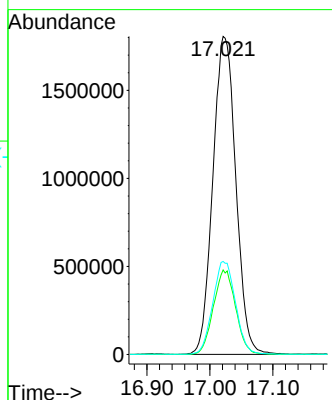
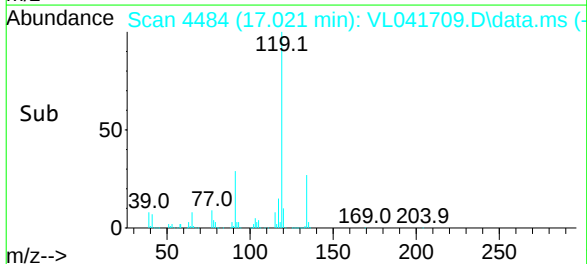
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



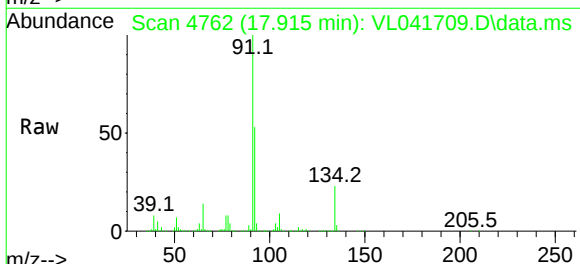
Tgt Ion: 119 Resp: 4573781
Ion Ratio Lower Upper
119 100
134 25.9 20.8 31.2
91 28.9 23.2 34.8

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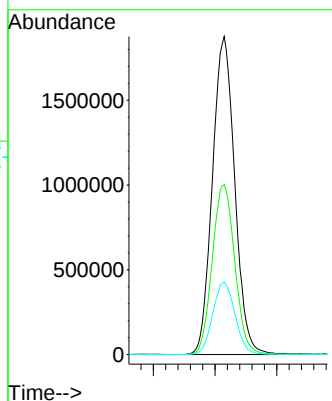
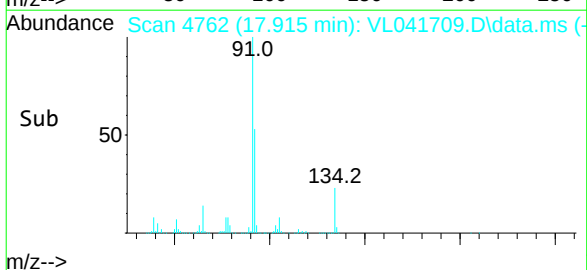
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

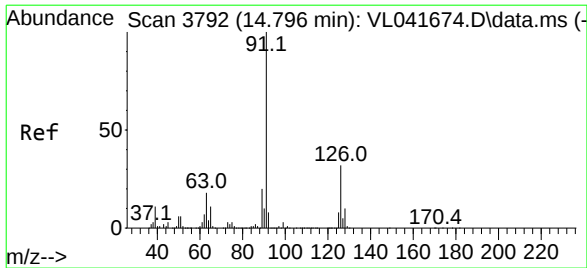


#70
n-Butylbenzene
Concen: 9.883 ppbv
RT: 17.915 min Scan# 4762
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29



Tgt Ion: 91 Resp: 4709978
Ion Ratio Lower Upper
91 100
92 54.1 43.3 64.9
134 22.9 18.4 27.6





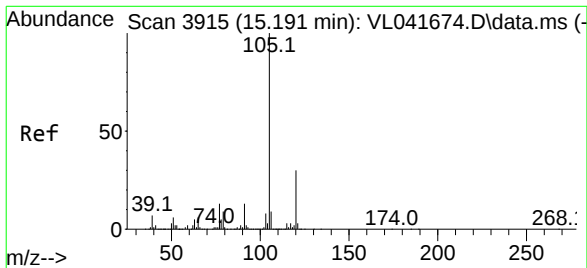
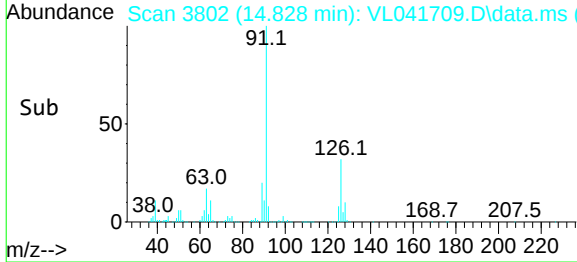
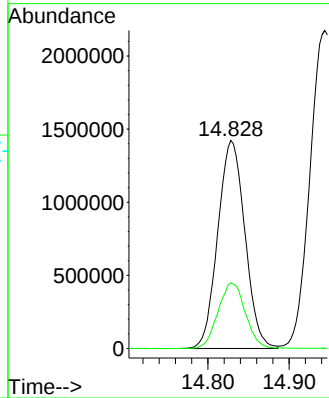
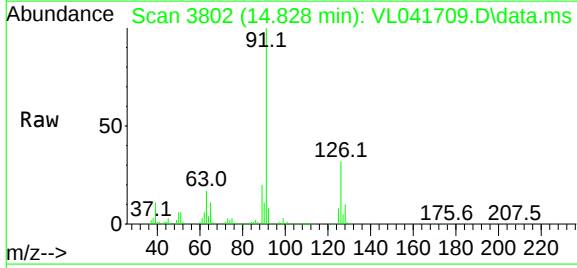
#71
2-Chlorotoluene
Concen: 10.032 ppbv
RT: 14.828 min Scan# 381
Delta R.T. 0.032 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3298001
Ion Ratio Lower Upper
91 100
126 31.8 12.8 51.0

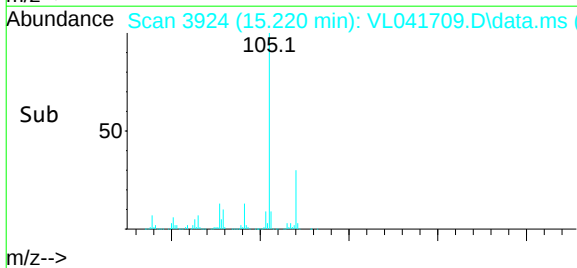
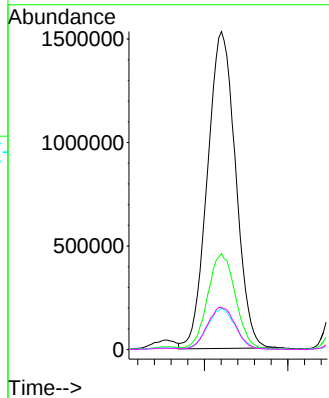
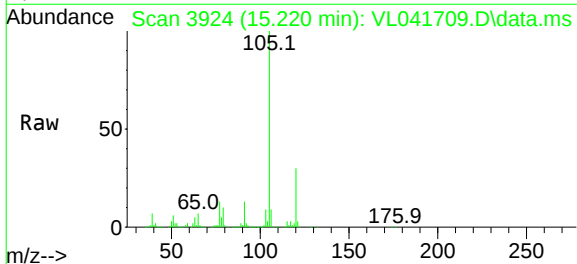
Manual Integrations
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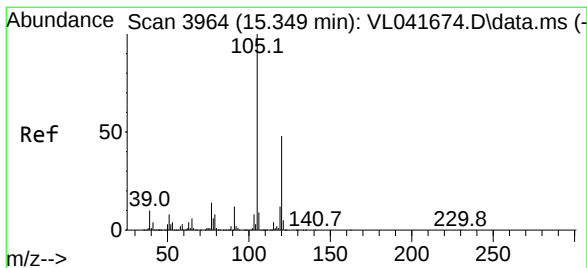
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#72
4-Ethyltoluene
Concen: 10.502 ppbv
RT: 15.220 min Scan# 3924
Delta R.T. 0.029 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Tgt Ion:105 Resp: 3595816
Ion Ratio Lower Upper
105 100
120 31.0 25.0 37.4
91 13.0 10.6 15.8
77 13.5 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.204 ppbv

RT: 15.378 min Scan# 39

Delta R.T. 0.029 min

Lab File: VL041709.D

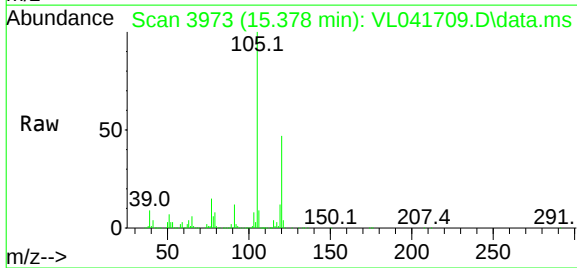
Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 3065794

Ion Ratio Lower Upper

105 100

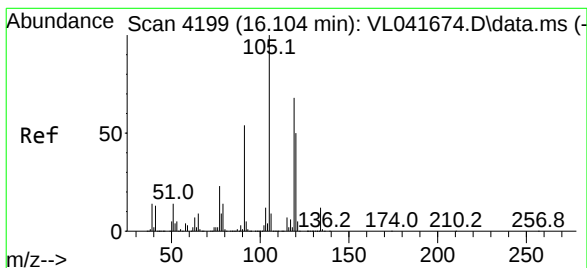
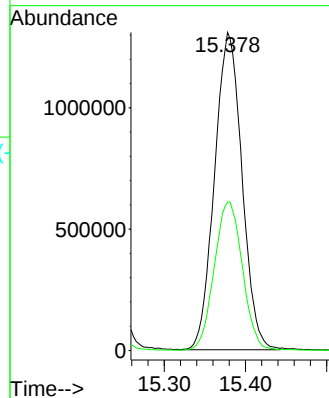
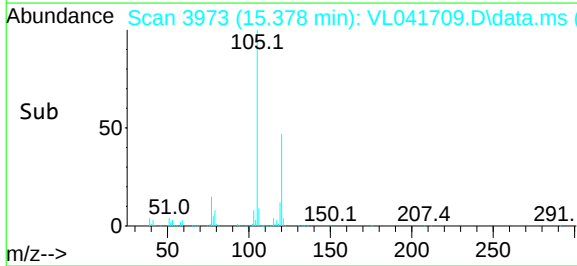
120 46.6 38.4 57.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.725 ppbv

RT: 16.134 min Scan# 4208

Delta R.T. 0.029 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Tgt Ion:105 Resp: 3394011

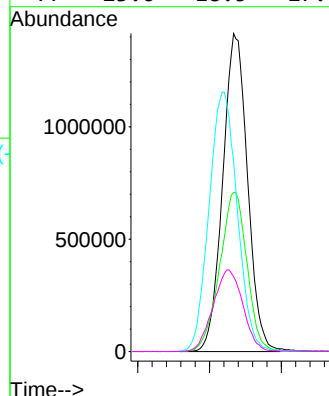
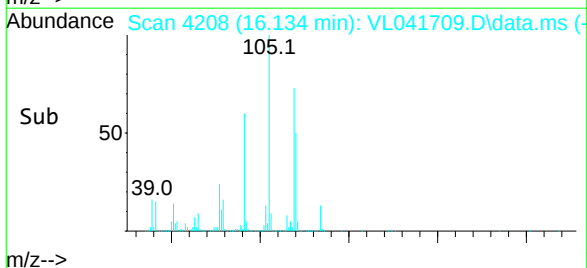
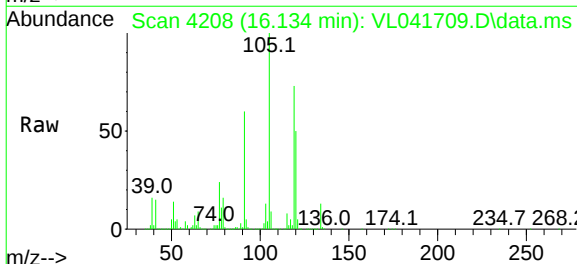
Ion Ratio Lower Upper

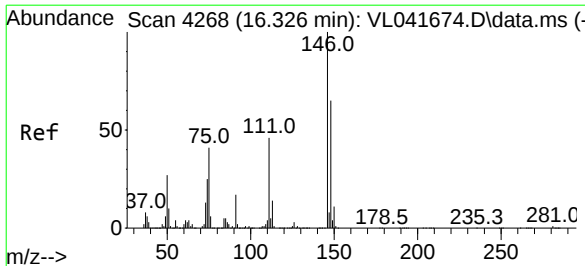
105 100

120 50.0 39.8 59.8

91 59.6 43.2 64.8

77 23.6 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 9.769 ppbv

RT: 16.362 min Scan# 4268

Delta R.T. 0.036 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 2111480

Ion Ratio Lower Upper

146 100

111 45.1 22.8 68.3

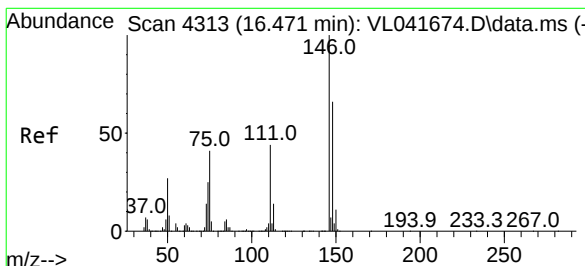
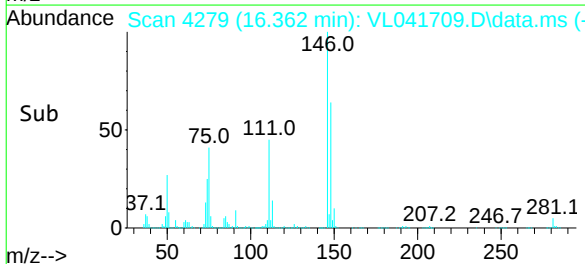
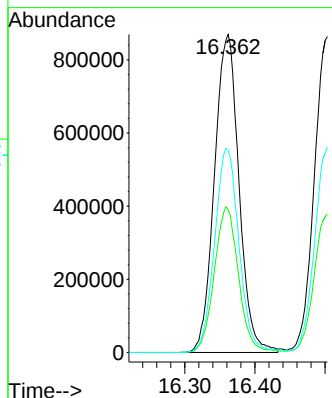
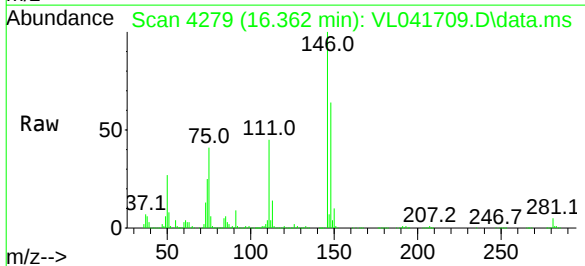
148 64.0 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#76

1,4-Dichlorobenzene

Concen: 9.882 ppbv

RT: 16.503 min Scan# 4323

Delta R.T. 0.032 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

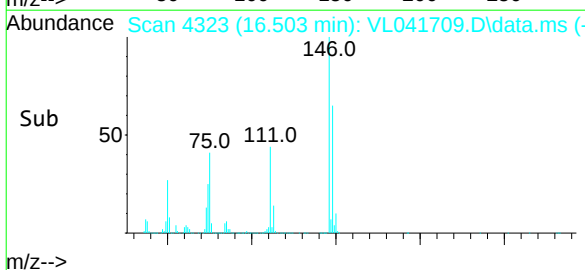
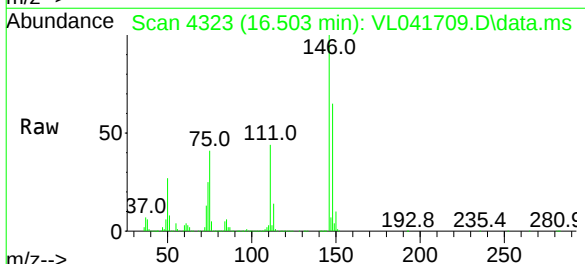
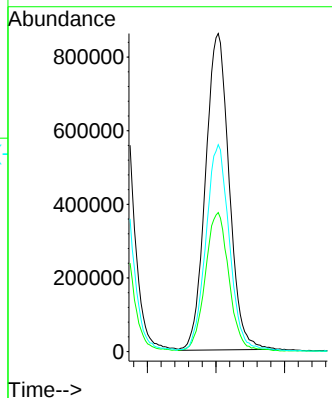
Tgt Ion:146 Resp: 2060755

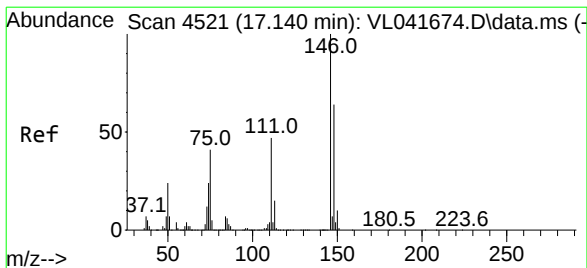
Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.3

148 65.8 33.3 99.8





#77

1,2-Dichlorobenzene

Concen: 9.587 ppbv

RT: 17.172 min Scan# 45

Delta R.T. 0.032 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Tgt Ion:146 Resp: 2052624

Ion Ratio Lower Upper

146 100

111 46.7 23.4 70.3

148 65.0 32.1 96.5

Instrument :

MSVOA_L

ClientSampleId :

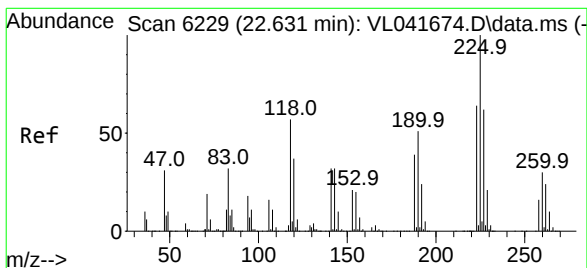
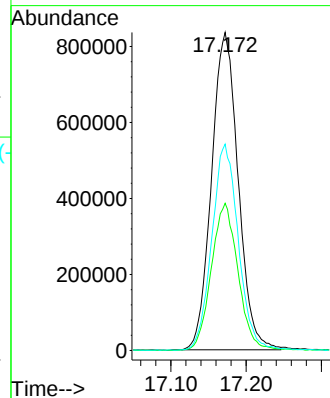
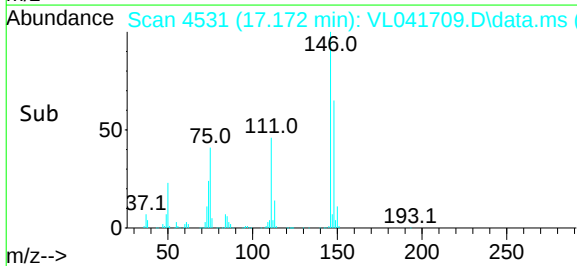
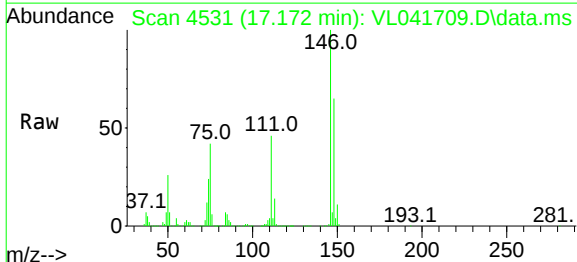
VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.598 ppbv

RT: 22.667 min Scan# 6240

Delta R.T. 0.036 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

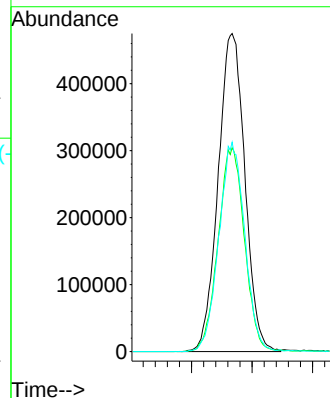
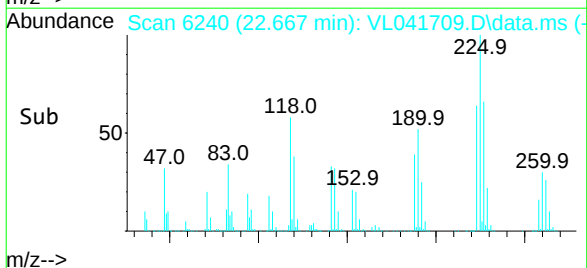
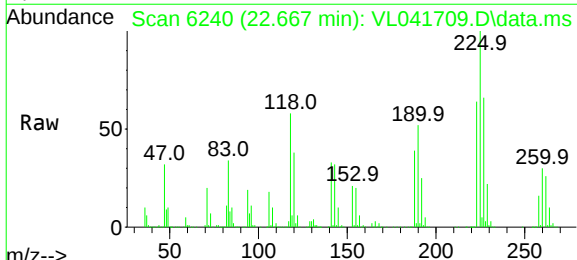
Tgt Ion:225 Resp: 1456041

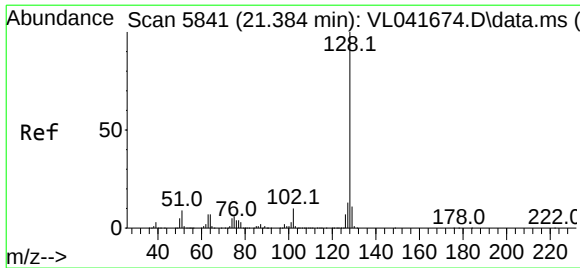
Ion Ratio Lower Upper

225 100

223 63.3 51.1 76.7

227 64.1 51.3 76.9





#79

Naphthalene

Concen: 14.095 ppbv

RT: 21.416 min Scan# 5841

Delta R.T. 0.032 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 3036265

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

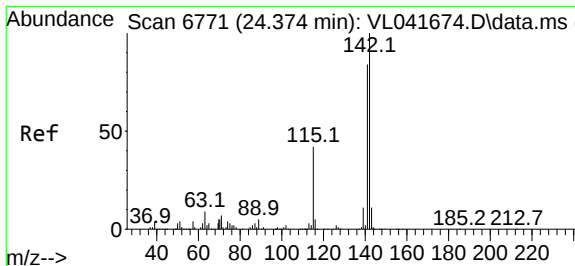
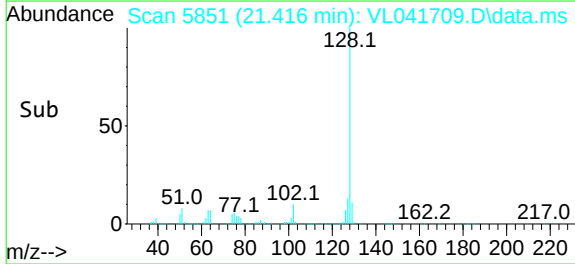
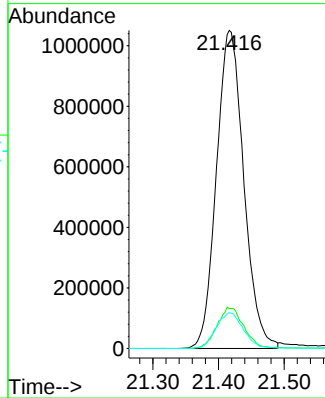
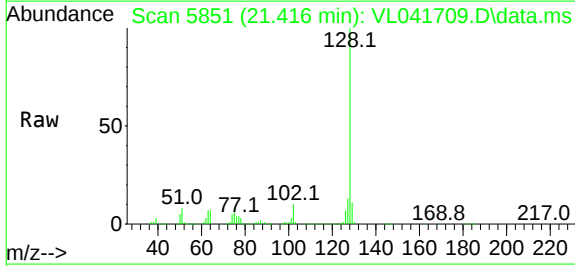
129 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#80

Naphthalene,2-methyl-

Concen: 33.873 ppbv

RT: 24.400 min Scan# 6779

Delta R.T. 0.026 min

Lab File: VL041709.D

Acq: 21 Nov 2024 7:29

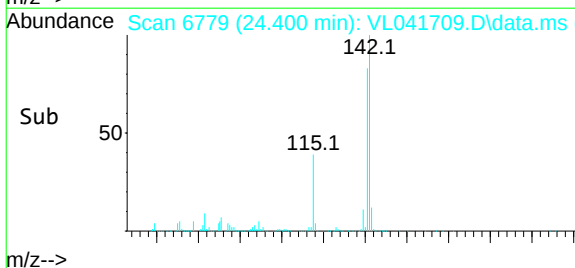
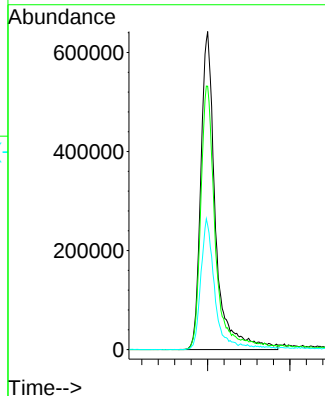
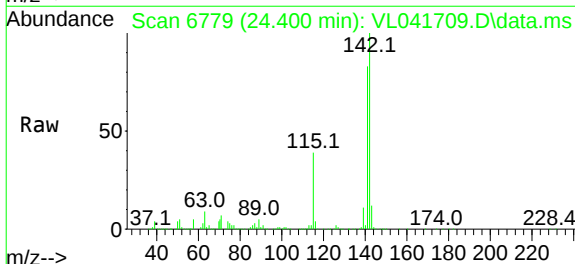
Tgt Ion:142 Resp: 1590650

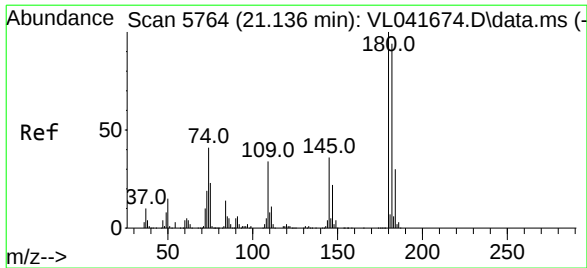
Ion Ratio Lower Upper

142 100

141 83.2 68.1 102.1

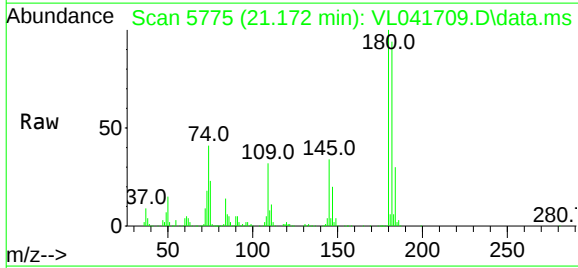
115 40.7 33.1 49.7





#81
1,2,4-Trichlorobenzene
Concen: 11.765 ppbv
RT: 21.172 min Scan# 57
Delta R.T. 0.036 min
Lab File: VL041709.D
Acq: 21 Nov 2024 7:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 1593813
Ion Ratio Lower Upper
180 100
182 96.4 78.2 117.2
184 30.3 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

