

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041408.D
 Acq On : 25 Jul 2024 21:38
 Operator : SY/MD
 Sample : VL0725ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0725ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 29 01:43:25 2024

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

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

QLast Update : Fri Jul 26 07:31:14 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1194645	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3272068	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3247461	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2504861 10.023 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1612635	7.847	ppbv	99
3) Chlorodifluoromethane	2.652	51	1271580	8.941	ppbv	100
4) Chloromethane	2.790	50	659939	8.725	ppbv	99
5) Vinyl Chloride	2.899	62	658072	8.826	ppbv	99
6) Bromomethane	3.099	94	354201	9.243	ppbv	99
7) Chloroethane	3.179	64	233923	9.091	ppbv	96
8) Dichlorotetrafluoroethane	2.835	85	1620637	8.900	ppbv	99
9) Propene	2.671	41	573958	8.785	ppbv	99
10) Heptane	7.568	43	1417797	9.659	ppbv	99
11) Trichlorofluoromethane	3.542	101	1612578	8.835	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.047	101	1164638	8.861	ppbv	98
13) Ethanol	3.224	45	36103m	6.183	ppbv	
14) Bromoethene	3.346	108	468524	9.144	ppbv	97
15) Acetone	3.446	43	1180612	8.698	ppbv	99
16) 1,3-Butadiene	2.964	39	666373	9.189	ppbv	99
17) tert-Butyl alcohol	3.857	59	1203414	9.721	ppbv	100
18) 1,1-Dichloroethene	3.861	96	515341	9.166	ppbv	97
19) Isopropyl Alcohol	3.555	45	684483	8.626	ppbv	100
20) Methylene Chloride	3.915	84	439615	8.685	ppbv	96
21) Allyl Chloride	3.976	41	861450	9.677	ppbv	98
22) trans-1,2-Dichloroethene	4.427	96	513051	9.127	ppbv	97
23) Vinyl Acetate	4.607	43	1044197	10.073	ppbv	99
24) 1,1-Dichloroethane	4.546	63	1089452	8.926	ppbv	99
25) Ethyl Acetate	5.189	43	2481329	9.202	ppbv	100
26) Hexane	5.195	57	1050762	9.393	ppbv	99
27) Carbon Disulfide	4.105	76	1284091	9.812	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	638882	9.056	ppbv	99
29) Chloroform	5.256	83	1670489	9.155	ppbv	96
30) Cyclohexane	6.587	84	887969	9.748	ppbv	98
31) cis-1,2-Dichloroethene	5.060	61	1052729	9.526	ppbv	96
32) 1,1,1-Trichloroethane	5.986	97	1645170	9.263	ppbv	100
34) 2-Butanone	4.767	43	1511083	9.547	ppbv	100
35) Carbon Tetrachloride	6.478	117	1734725	9.612	ppbv	99
36) Benzene	6.356	78	2264893	9.473	ppbv	99
37) 1,2-Dichloroethane	5.790	62	1290324	9.642	ppbv	100
38) Trichloroethene	7.275	130	1036769	9.465	ppbv	97
39) 1,2-Dichloropropane	7.057	63	869200	9.496	ppbv	98
40) 1,4-Dioxane	7.269	88	271800	7.392	ppbv #	1
41) Tetrahydrofuran	5.542	42	903810	9.984	ppbv	99
42) Bromodichloromethane	7.237	83	1851572	9.582	ppbv	97
43) Methyl Methacrylate	7.459	69	904086	10.545	ppbv	97
44) 2,2,4-Trimethylpentane	7.314	57	3746476	9.382	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	940593	11.919	ppbv	98

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Instrument :
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Manual Integrations
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Quant Time: Jul 29 01:43:25 2024

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

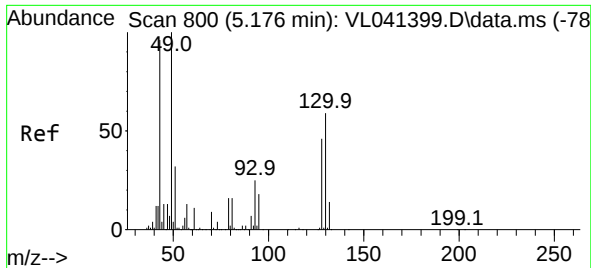
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Jul 26 07:31:14 2024

Response via : Initial Calibration

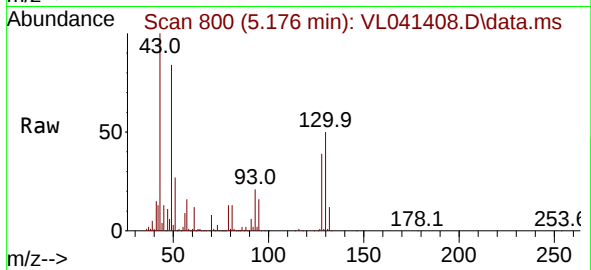
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1243851	10.915	ppbv	96
47) 1,1,2-Trichloroethane	8.886	97	956707	9.482	ppbv	94
48) Dibromochloromethane	9.696	129	1612174	9.918	ppbv	100
49) Bromoform	12.397	173	1431198	10.424	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2521444	10.097	ppbv	100
51) 2-Hexanone	9.539	43	2046951	10.840	ppbv	100
52) Tetrachloroethene	10.600	164	885734	9.588	ppbv	98
53) Toluene	9.211	91	2677332	10.053	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1373621	10.228	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.497	131	1156109	9.180	ppbv	99
57) Chlorobenzene	11.516	112	2084796	9.017	ppbv	98
58) Ethyl Benzene	12.079	91	3610434	9.646	ppbv	100
59) m/p-Xylene	12.362	91	6149899m	19.033	ppbv	
60) o-Xylene	13.050	91	2938549	9.614	ppbv	100
61) Styrene	12.886	104	1468476	10.649	ppbv	99
62) Isopropylbenzene	14.018	105	4316418	9.289	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	1789371	9.271	ppbv	100
64) n-propylbenzene	14.905	120	1164759	9.588	ppbv	99
65) tert-Butylbenzene	16.079	119	3871634	9.225	ppbv	99
66) Benzyl Chloride	16.314	91	290573	10.794	ppbv	100
67) sec-Butylbenzene	16.625	105	5394259	9.328	ppbv	100
69) p-Isopropyltoluene	16.986	119	4546201	9.474	ppbv	100
70) n-Butylbenzene	17.876	91	4683113	9.520	ppbv	100
71) 2-Chlorotoluene	14.789	91	3250577	9.486	ppbv	99
72) 4-Ethyltoluene	15.182	105	3553004	9.873	ppbv	100
73) 1,3,5-Trimethylbenzene	15.339	105	3048566	9.834	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	3392303	9.412	ppbv	99
75) 1,3-Dichlorobenzene	16.320	146	2110190	9.314	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	2065705	9.416	ppbv	100
77) 1,2-Dichlorobenzene	17.133	146	2047523	9.116	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1560647	8.148	ppbv	99
79) Naphthalene	21.371	128	3544743	11.143	ppbv	99
80) Naphthalene,2-methyl-	24.361	142	3187312	11.953	ppbv	100
81) 1,2,4-Trichlorobenzene	21.127	180	1834015	9.688	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

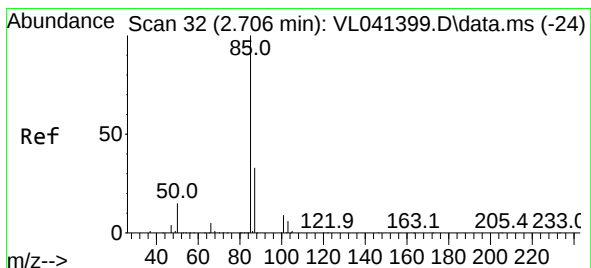
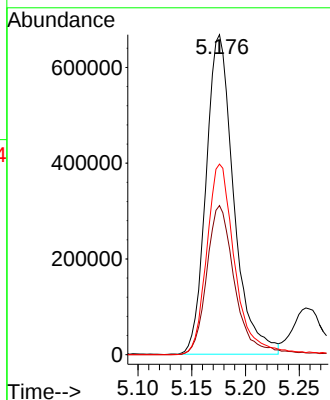
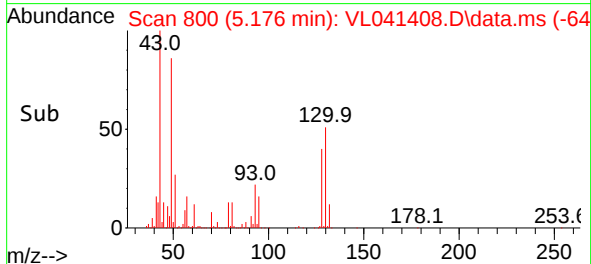
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



Tgt Ion: 49 Resp: 119464
Ion Ratio Lower Upper
49 100
128 48.3 23.8 71.4
130 61.3 30.8 92.4

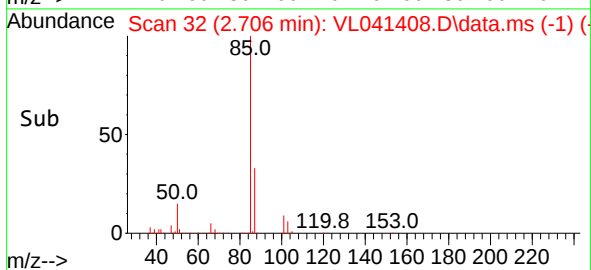
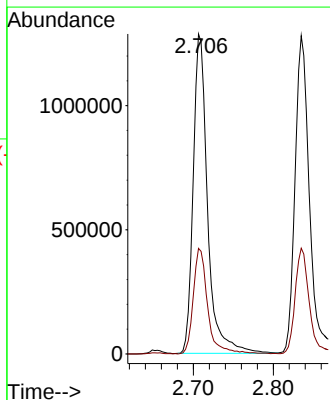
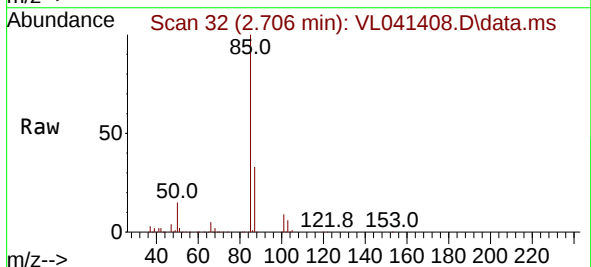
Manual Integrations
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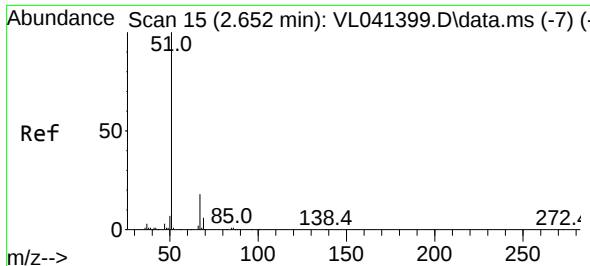
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#2
Dichlorodifluoromethane
Concen: 7.847 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

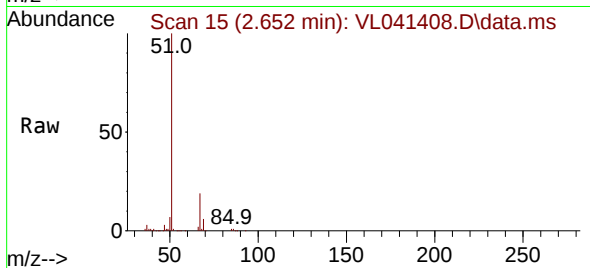
Tgt Ion: 85 Resp: 1612635
Ion Ratio Lower Upper
85 100
87 33.1 26.0 39.0





#3
Chlorodifluoromethane
Concen: 8.941 ppbv
RT: 2.652 min Scan# 15
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

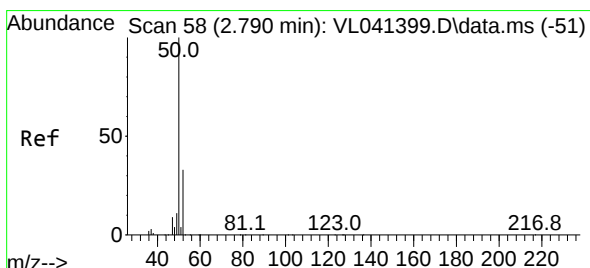
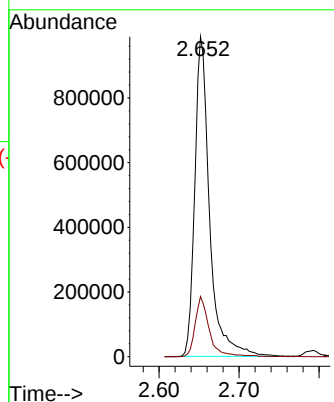
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



Tgt Ion: 51 Resp: 1271580
Ion Ratio Lower Upper
51 100
67 18.2 14.5 21.7

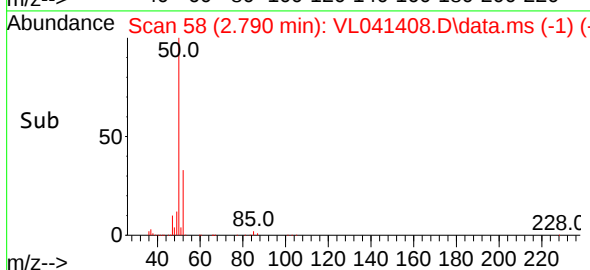
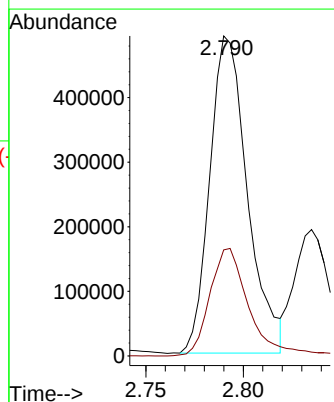
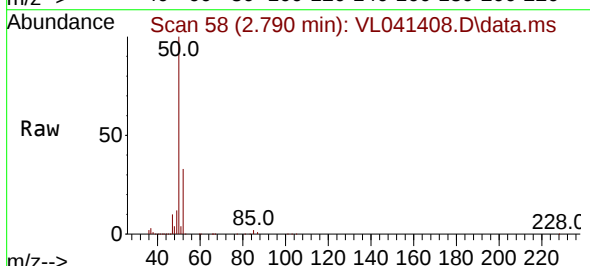
Manual Integrations
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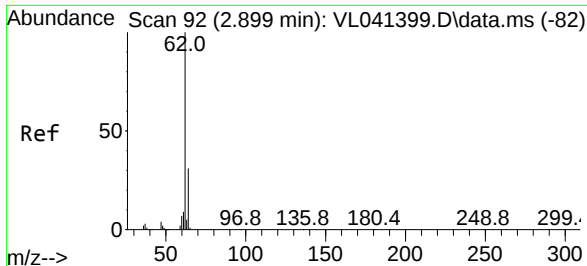
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#4
Chloromethane
Concen: 8.725 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

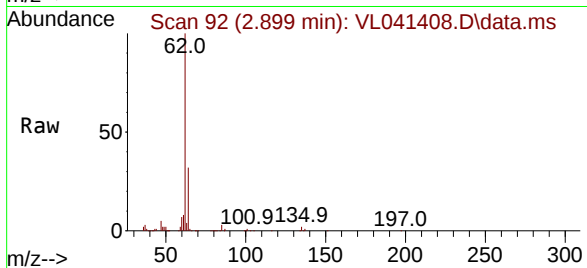
Tgt Ion: 50 Resp: 659939
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1





#5
 Vinyl Chloride
 Concen: 8.826 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041408.D
 Acq: 25 Jul 2024 21:38

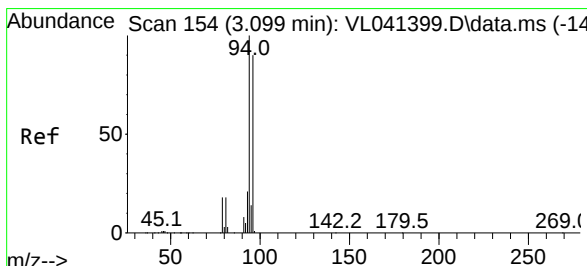
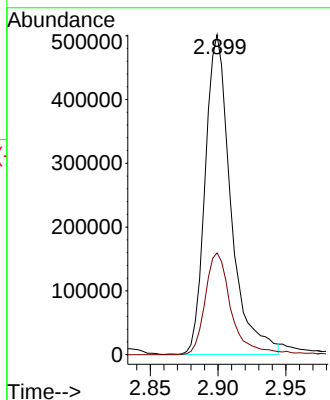
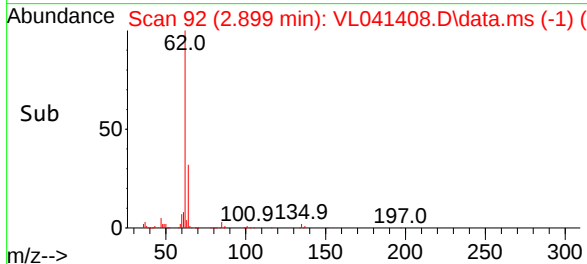
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0725ABS01



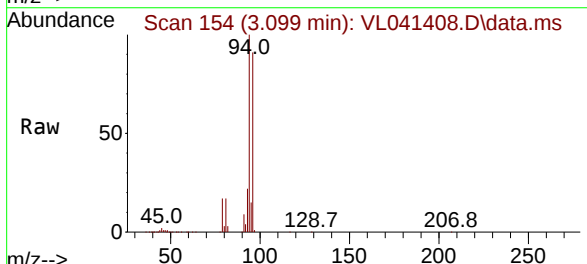
Tgt Ion: 62 Resp: 658072
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.0 37.4

Manual Integrations
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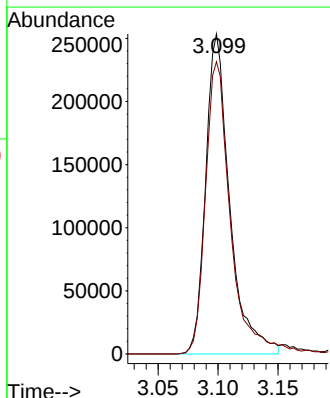
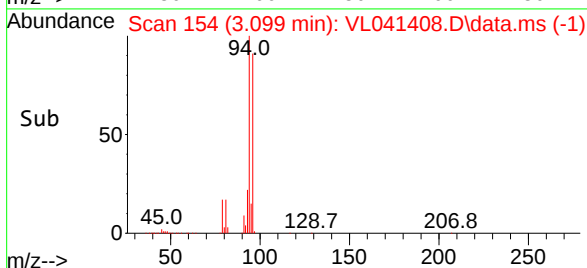
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

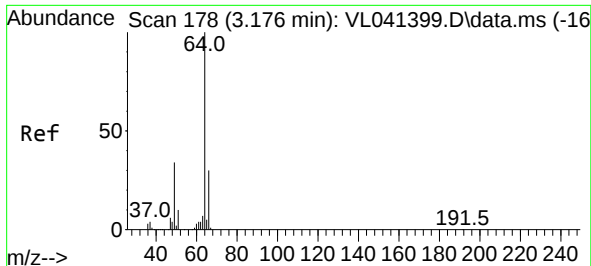


#6
 Bromomethane
 Concen: 9.243 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VL041408.D
 Acq: 25 Jul 2024 21:38



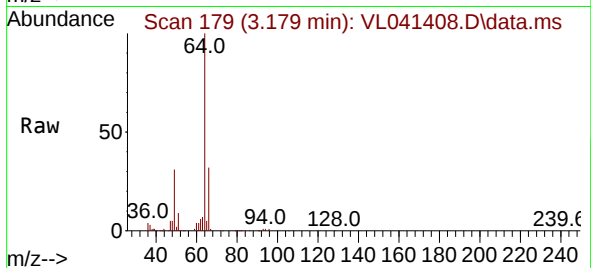
Tgt Ion: 94 Resp: 354201
 Ion Ratio Lower Upper
 94 100
 96 91.3 72.3 108.5





#7
Chloroethane
Concen: 9.091 ppbv
RT: 3.179 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

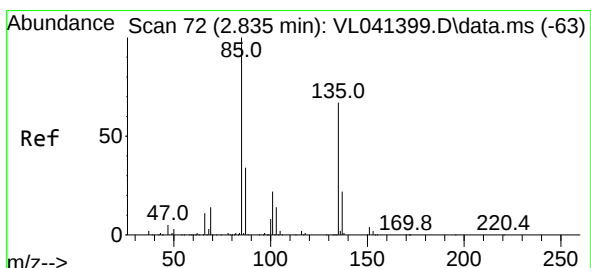
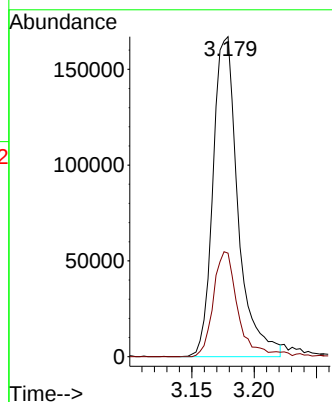
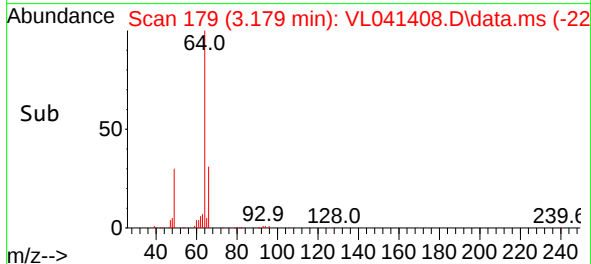
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



Tgt Ion: 64 Resp: 23392
Ion Ratio Lower Upper
64 100
66 32.4 24.2 36.2

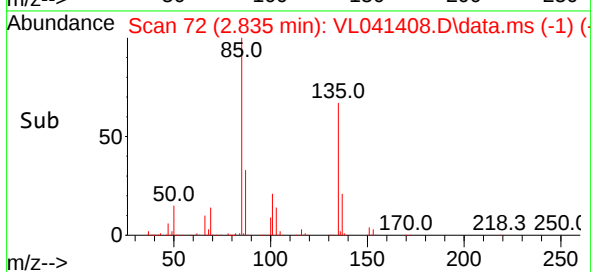
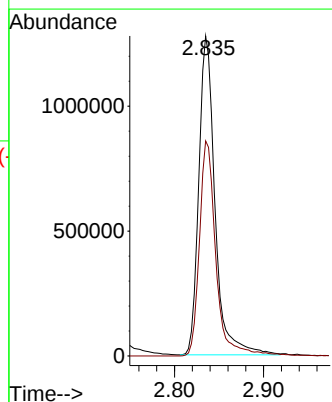
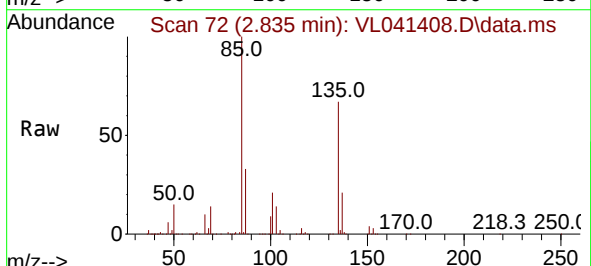
Manual Integrations
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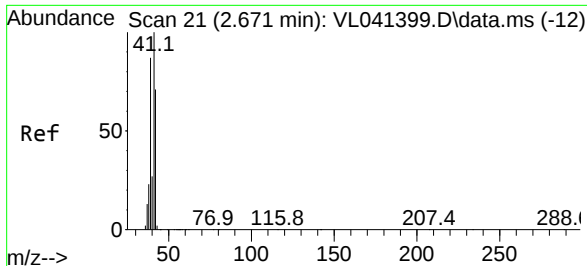
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#8
Dichlorotetrafluoroethane
Concen: 8.900 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

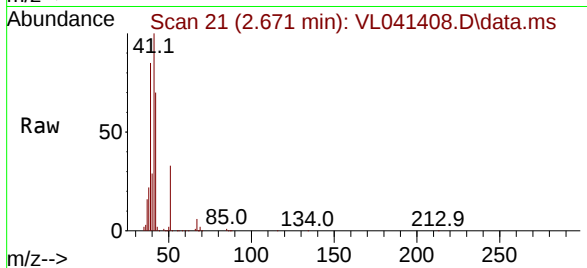
Tgt Ion: 85 Resp: 1620637
Ion Ratio Lower Upper
85 100
135 68.8 55.4 83.0





#9
Propene
Concen: 8.785 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

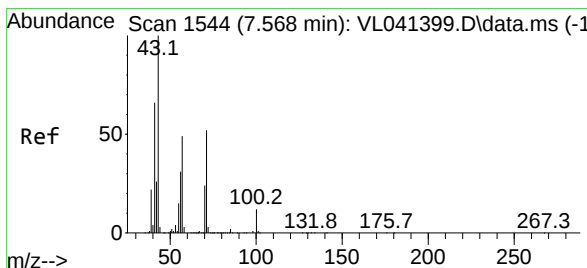
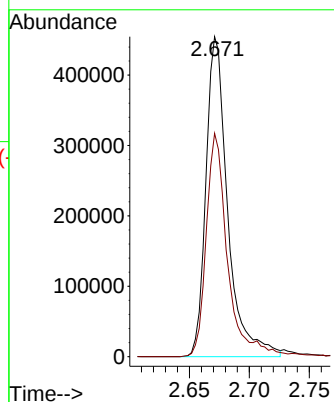
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



Tgt Ion: 41 Resp: 573958
Ion Ratio Lower Upper
41 100
42 69.4 55.9 83.9

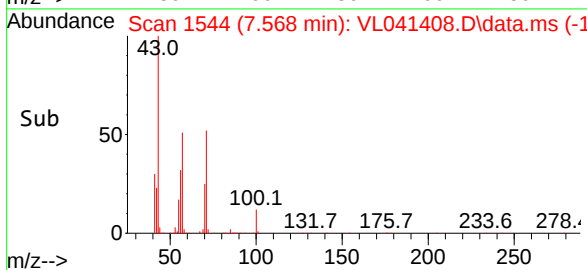
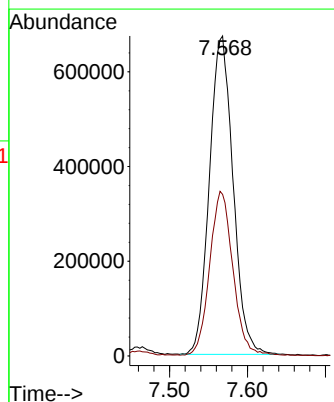
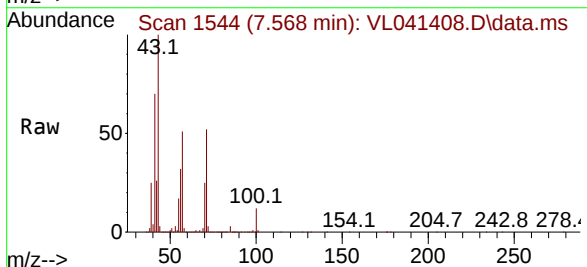
Manual Integrations
APPROVED

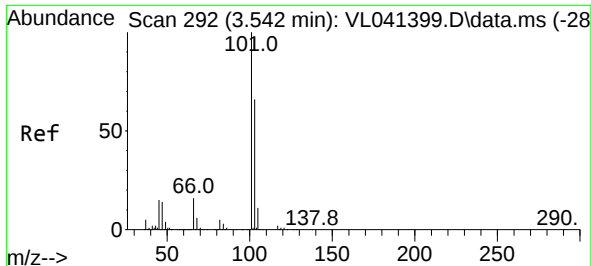
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#10
Heptane
Concen: 9.659 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

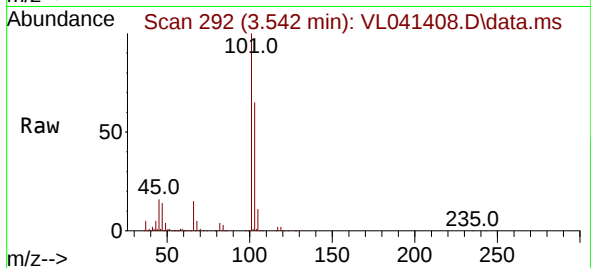
Tgt Ion: 43 Resp: 1417797
Ion Ratio Lower Upper
43 100
57 51.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 8.835 ppbv
RT: 3.542 min Scan# 292
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

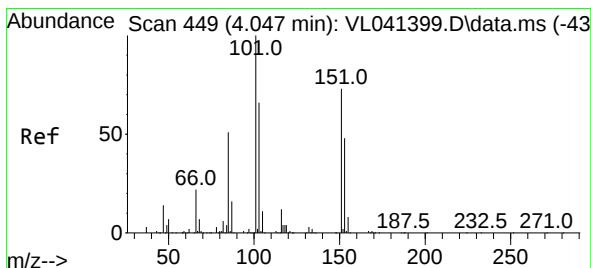
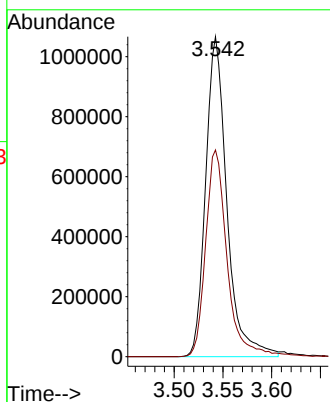
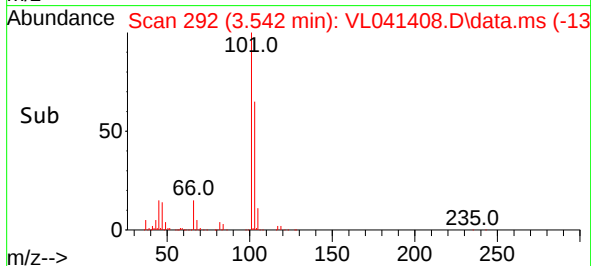
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



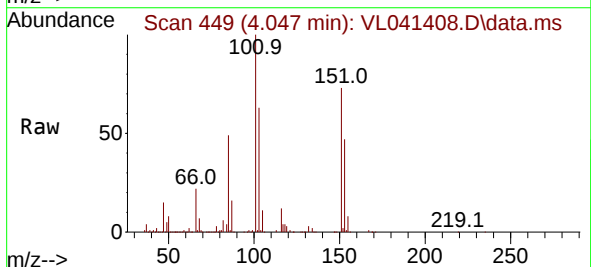
Tgt Ion:101 Resp: 1612578
Ion Ratio Lower Upper
101 100
103 64.6 52.6 79.0

Manual Integrations
APPROVED

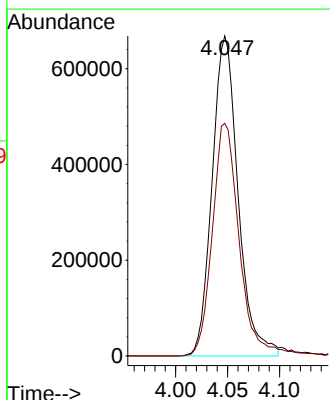
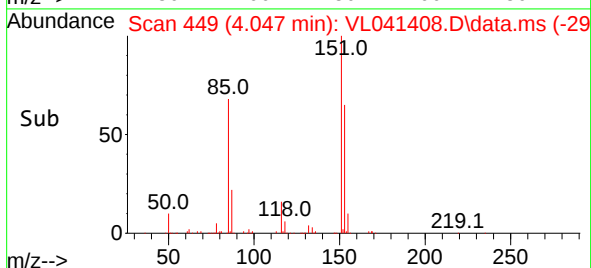
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

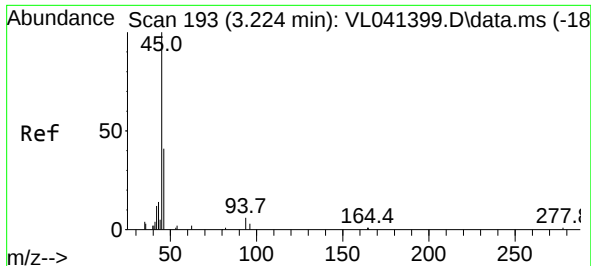


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.861 ppbv
RT: 4.047 min Scan# 449
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38



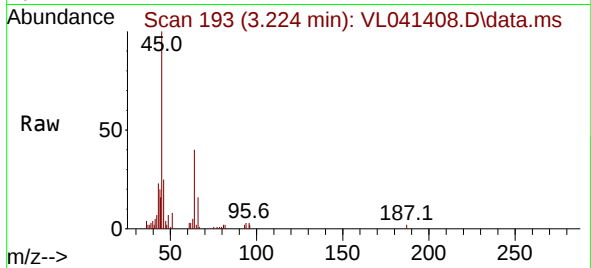
Tgt Ion:101 Resp: 1164638
Ion Ratio Lower Upper
101 100
151 75.9 59.4 89.2





#13
Ethanol
Concen: 6.183 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

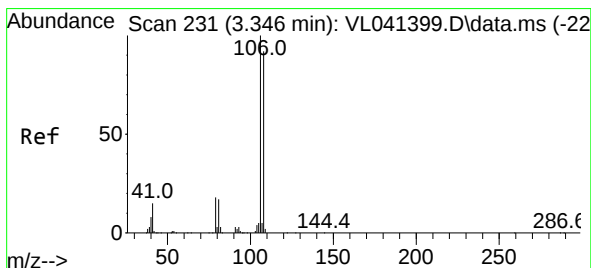
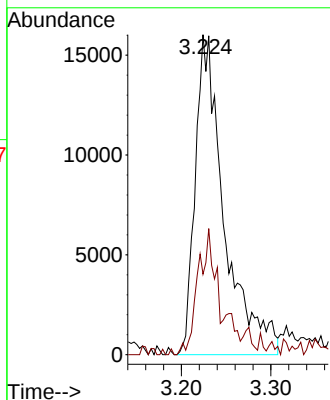
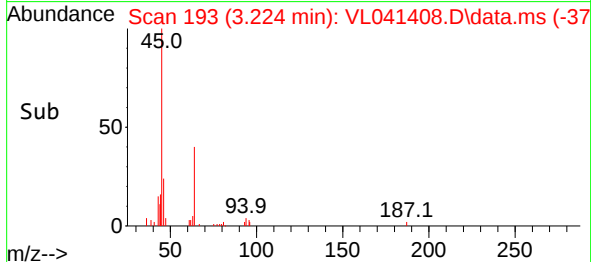
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



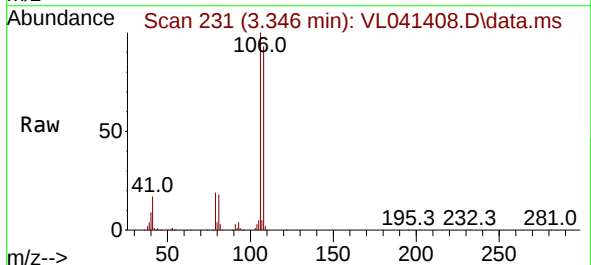
Tgt Ion: 45 Resp: 3610
Ion Ratio Lower Upper
45 100
46 34.3 13.4 53.4

Manual Integrations
APPROVED

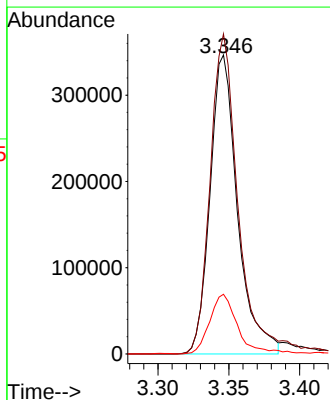
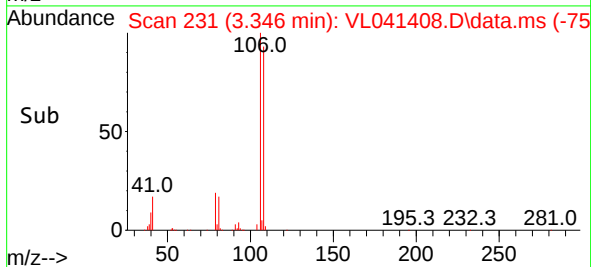
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

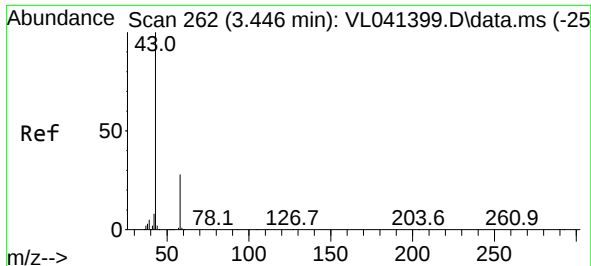


#14
Bromoethene
Concen: 9.144 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38



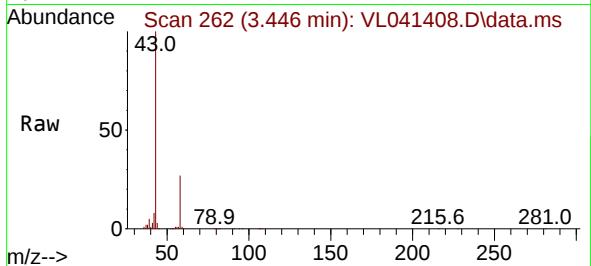
Tgt Ion:108 Resp: 468524
Ion Ratio Lower Upper
108 100
106 111.5 86.9 130.3
79 21.3 16.2 24.4





#15
Acetone
Concen: 8.698 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

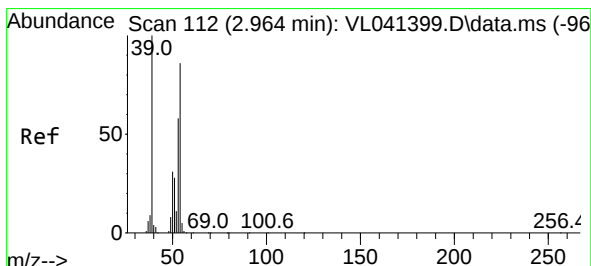
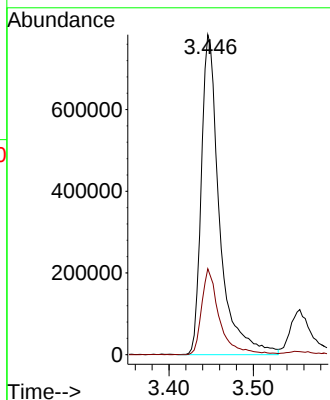
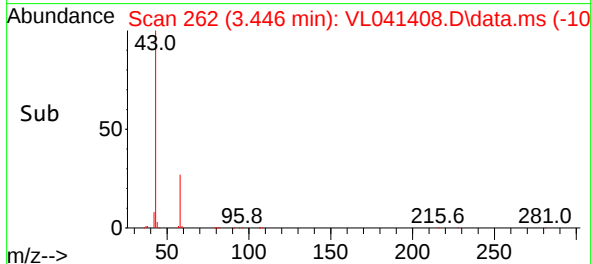
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



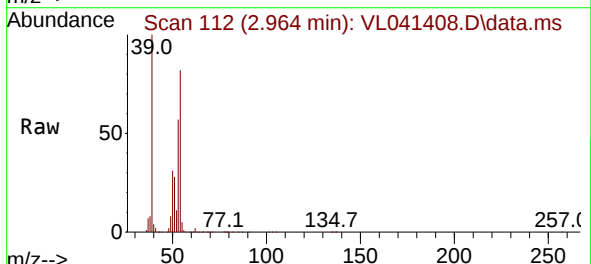
Tgt Ion: 43 Resp: 118061
Ion Ratio Lower Upper
43 100
58 26.1 21.4 32.2

Manual Integrations
APPROVED

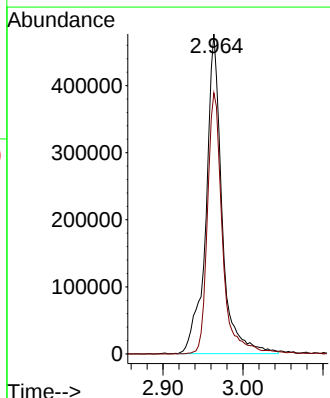
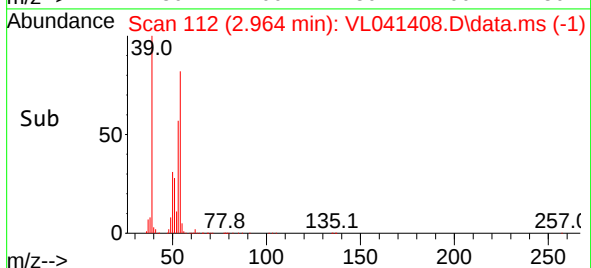
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

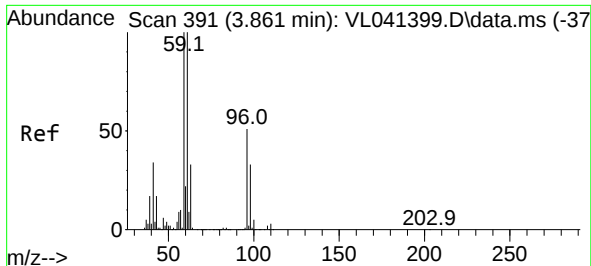


#16
1,3-Butadiene
Concen: 9.189 ppbv
RT: 2.964 min Scan# 112
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38



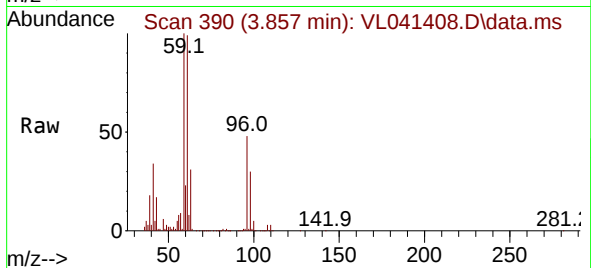
Tgt Ion: 39 Resp: 666373
Ion Ratio Lower Upper
39 100
54 77.3 62.5 93.7





#17
tert-Butyl alcohol
Concen: 9.721 ppbv
RT: 3.857 min Scan# 390
Delta R.T. -0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

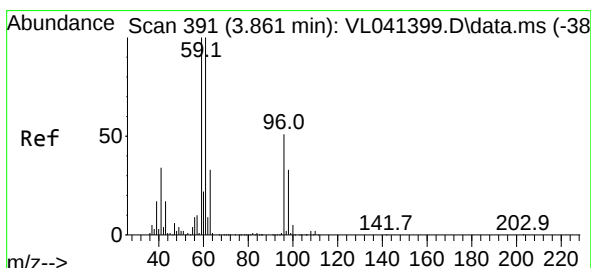
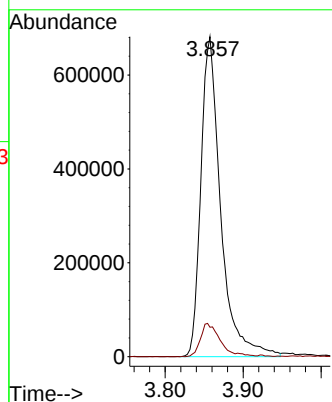
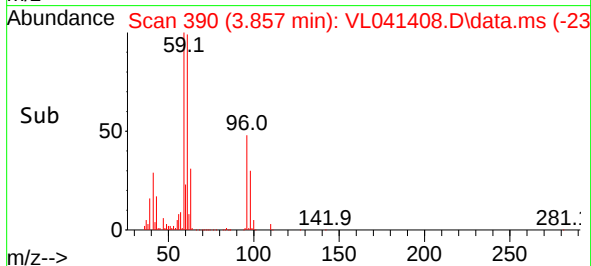
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



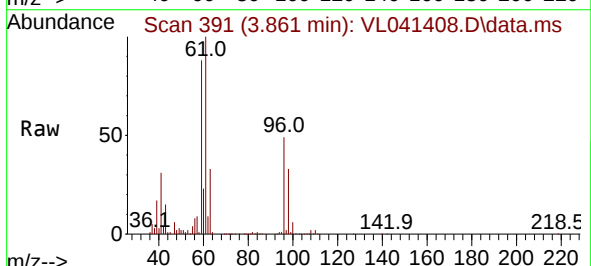
Tgt Ion: 59 Resp: 1203414
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

Manual Integrations
APPROVED

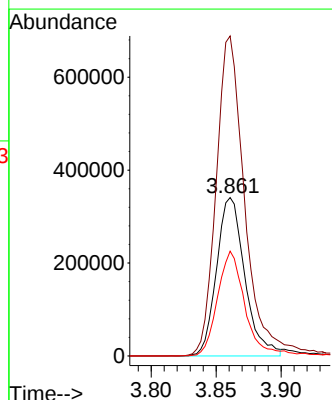
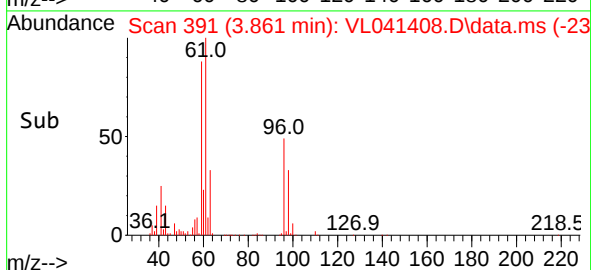
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

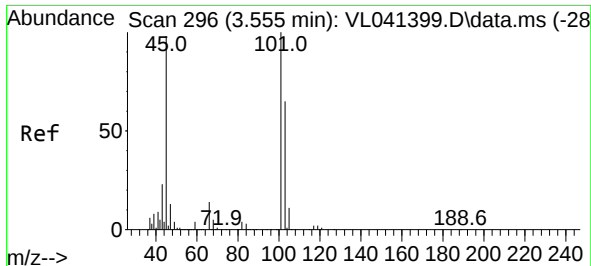


#18
1,1-Dichloroethene
Concen: 9.166 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38



Tgt Ion: 96 Resp: 515341
Ion Ratio Lower Upper
96 100
61 202.1 157.5 236.3
98 66.1 51.2 76.8





#19
Isopropyl Alcohol
Concen: 8.626 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

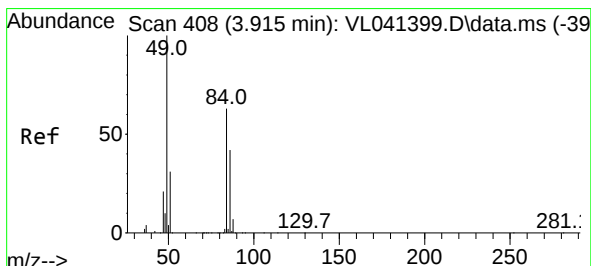
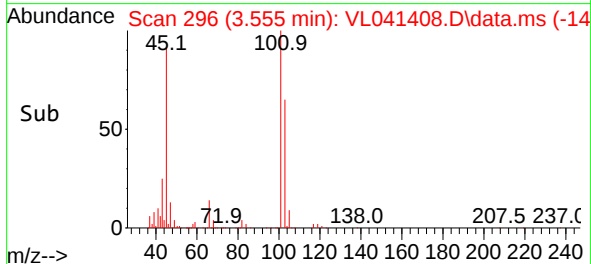
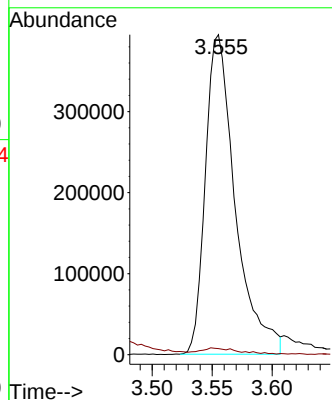
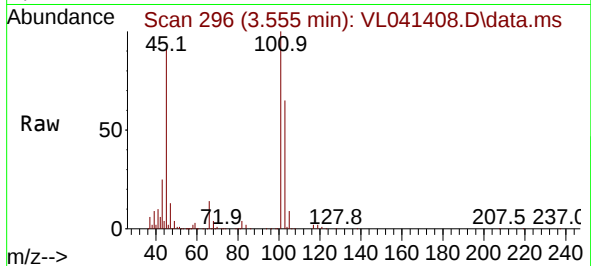
ClientSampleId :

VL0725ABS01

Tgt Ion: 45 Resp: 68448
Ion Ratio Lower Upper
45 100
58 2.5 1.9 2.9

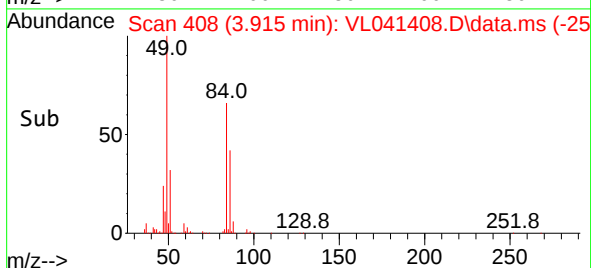
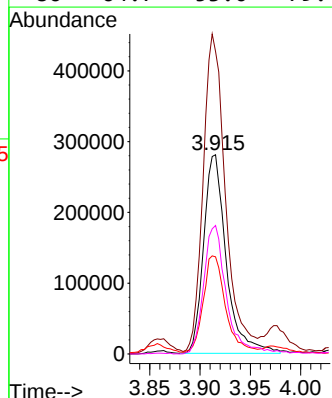
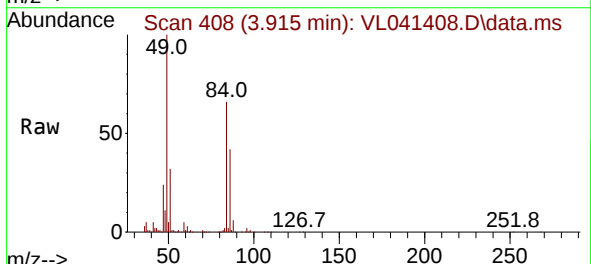
Manual Integrations
APPROVED

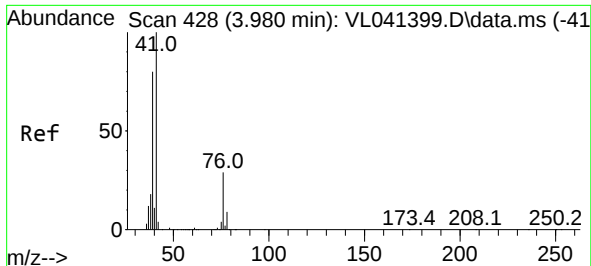
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#20
Methylene Chloride
Concen: 8.685 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion: 84 Resp: 439615
Ion Ratio Lower Upper
84 100
49 150.2 126.6 190.0
51 48.0 38.6 58.0
86 64.7 53.0 79.4





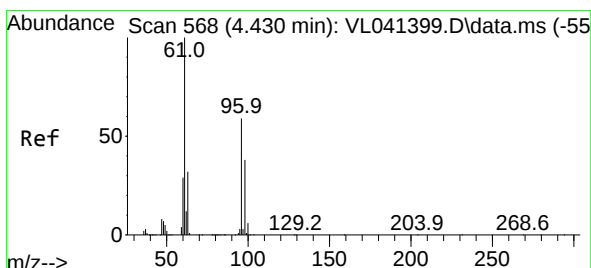
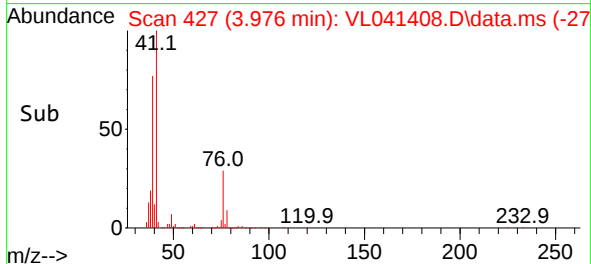
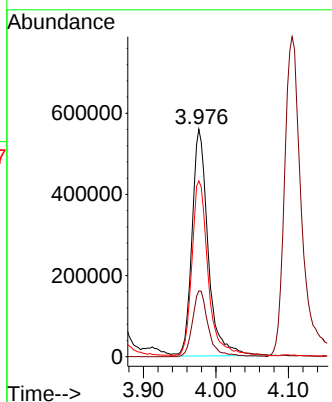
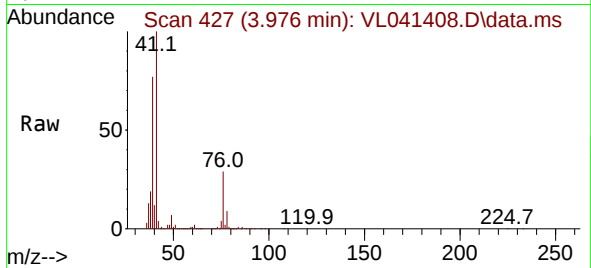
#21
 Allyl Chloride
 Concen: 9.677 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041408.D
 Acq: 25 Jul 2024 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0725ABS01

Tgt Ion: 41 Resp: 861450
 Ion Ratio Lower Upper
 41 100
 76 28.7 23.7 35.5
 39 78.3 64.3 96.5

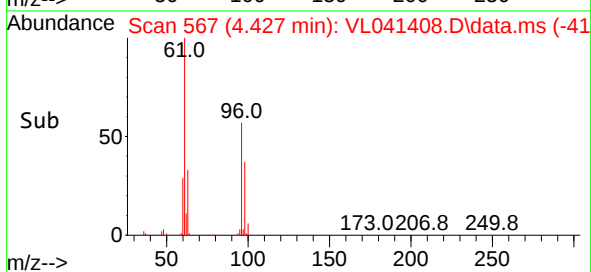
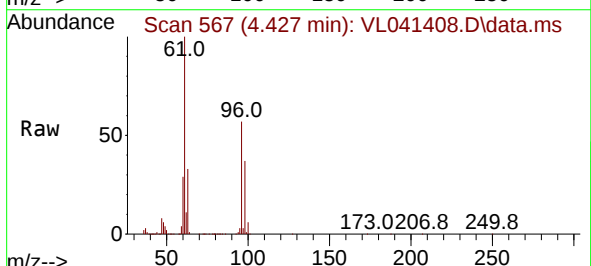
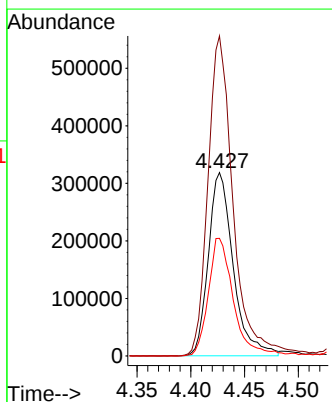
Manual Integrations
 APPROVED

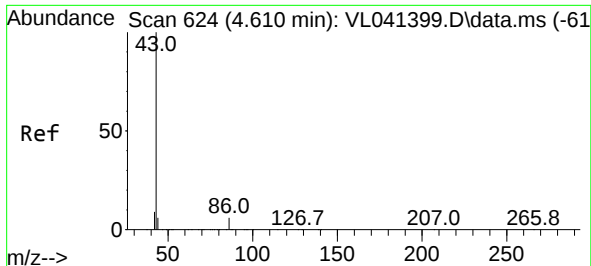
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.127 ppbv
 RT: 4.427 min Scan# 567
 Delta R.T. -0.003 min
 Lab File: VL041408.D
 Acq: 25 Jul 2024 21:38

Tgt Ion: 96 Resp: 513051
 Ion Ratio Lower Upper
 96 100
 61 174.6 135.4 203.2
 98 64.2 51.0 76.4





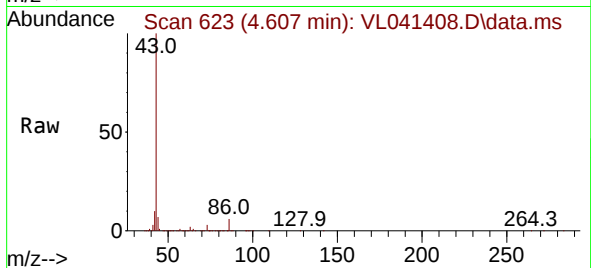
#23
 Vinyl Acetate
 Concen: 10.073 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041408.D
 Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

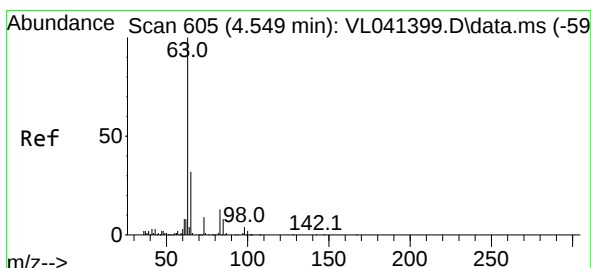
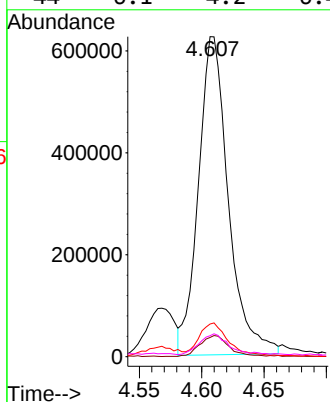
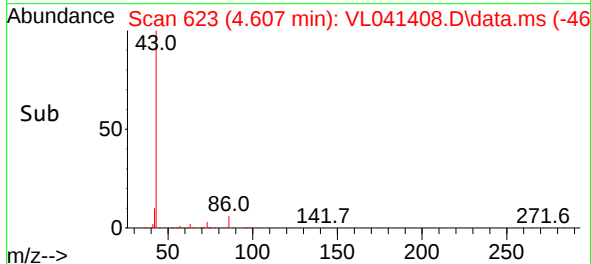


Tgt Ion: 43 Resp: 104419
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.6 6.8
 42 10.1 7.9 11.9
 44 6.1 4.2 6.4

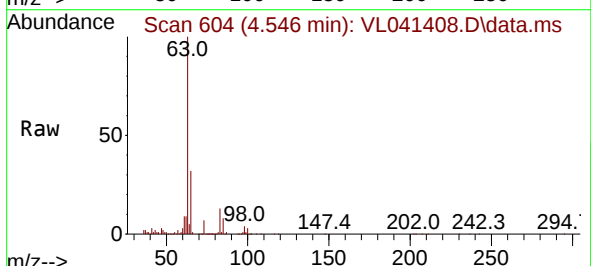
Manual Integrations

APPROVED

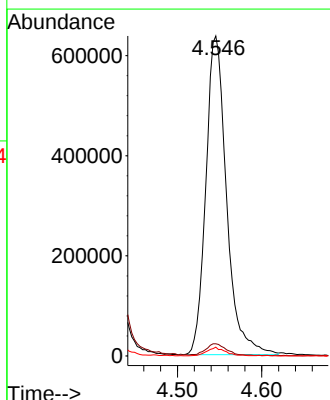
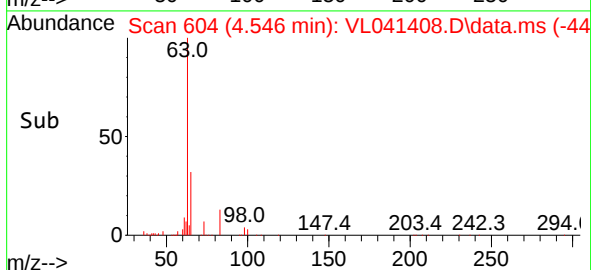
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

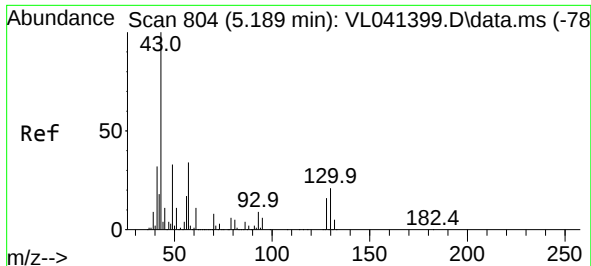


#24
 1,1-Dichloroethane
 Concen: 8.926 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL041408.D
 Acq: 25 Jul 2024 21:38



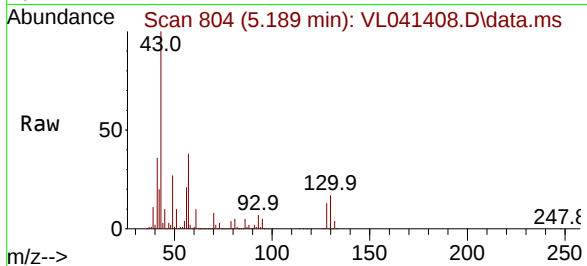
Tgt Ion: 63 Resp: 1089452
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 6.0
 100 2.8 1.2 3.6





#25
Ethyl Acetate
Concen: 9.202 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01

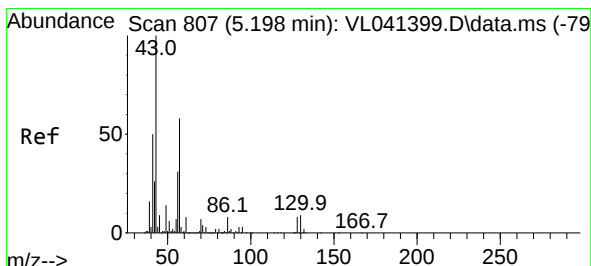
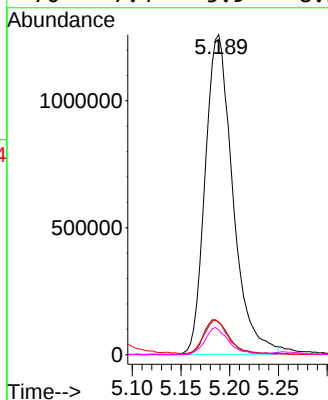
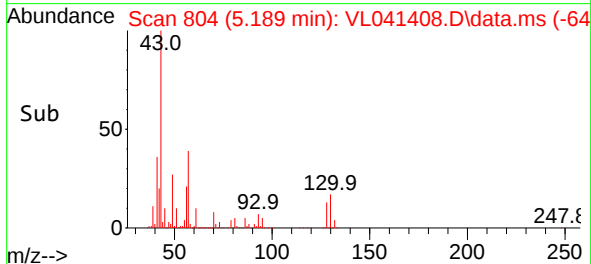


Tgt Ion: 43 Resp: 2481329

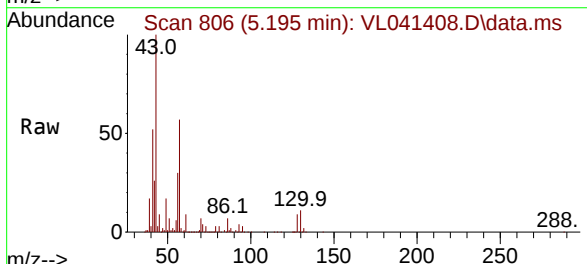
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	10.0	8.0	12.0
70	7.4	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

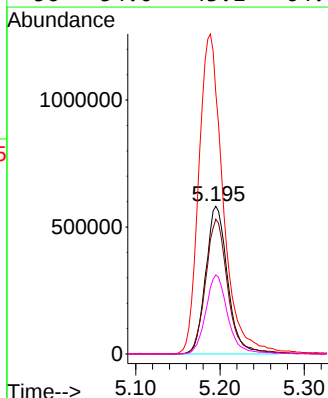
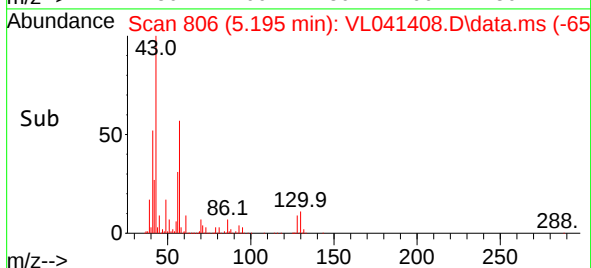


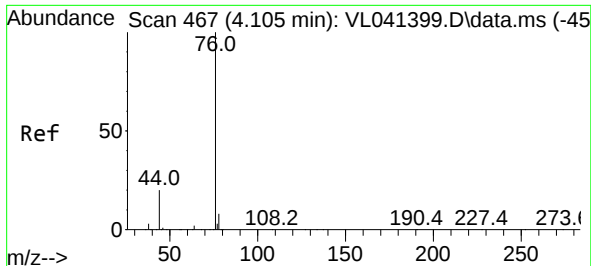
#26
Hexane
Concen: 9.393 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38



Tgt Ion: 57 Resp: 1050762

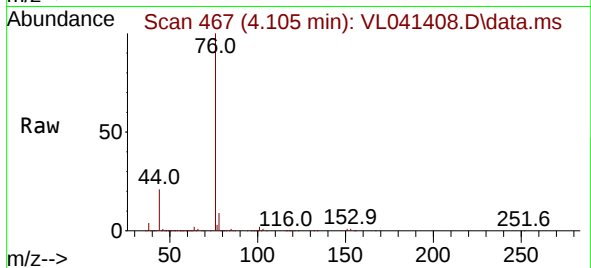
Ion	Ratio	Lower	Upper
57	100		
41	93.0	74.0	111.0
43	240.9	193.6	290.4
56	54.0	43.1	64.7





#27
Carbon Disulfide
Concen: 9.812 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

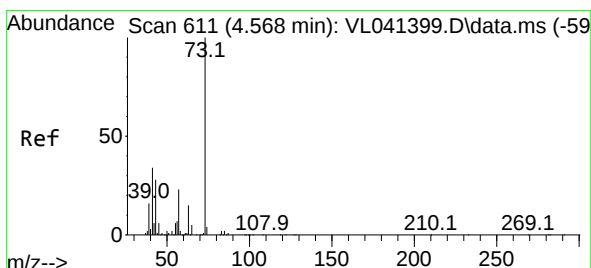
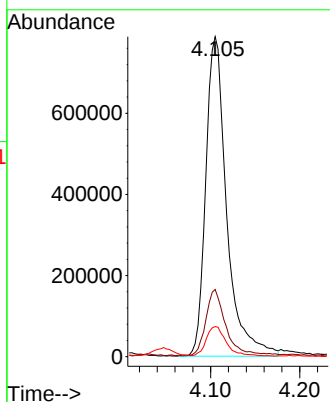
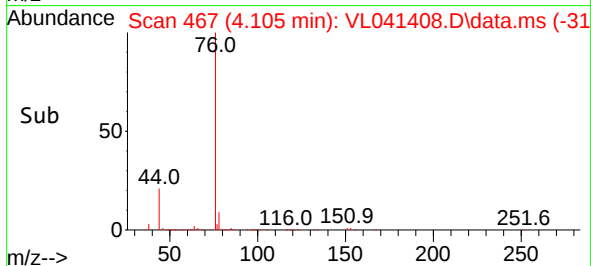
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



Tgt Ion: 76 Resp: 128409
Ion Ratio Lower Upper
76 100
44 20.0 15.6 23.4
78 9.5 7.7 11.5

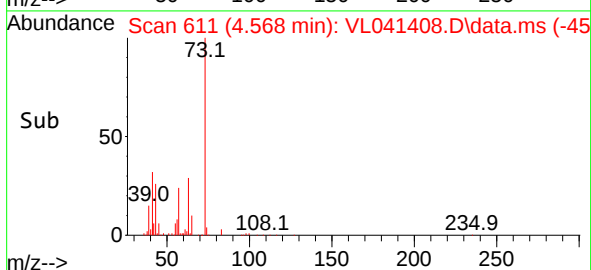
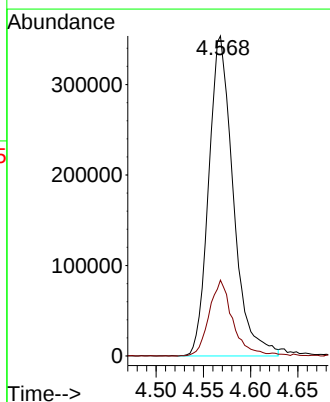
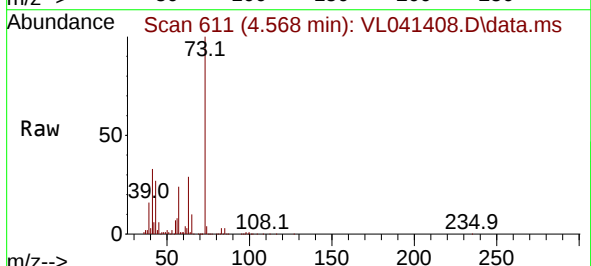
Manual Integrations
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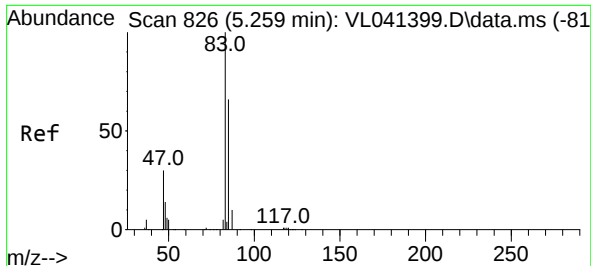
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#28
Methyl tert-Butyl Ether
Concen: 9.056 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion: 73 Resp: 638882
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3





#29

Chloroform

Concen: 9.155 ppbv

RT: 5.256 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion: 83 Resp: 1670489

Ion Ratio Lower Upper

83 100

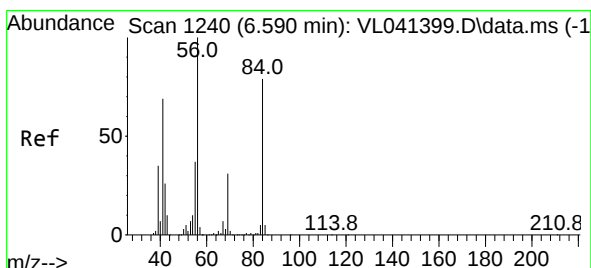
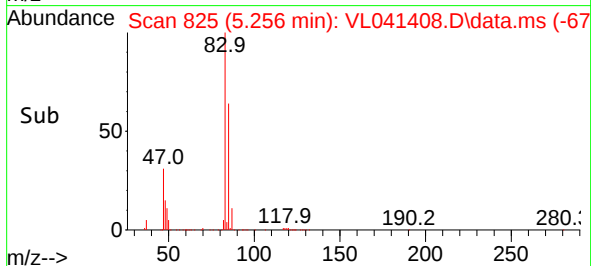
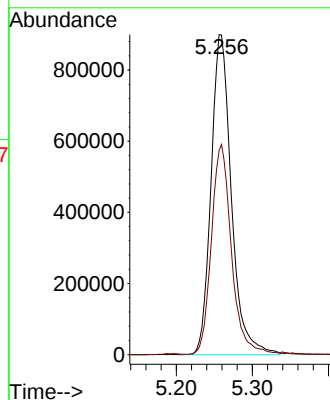
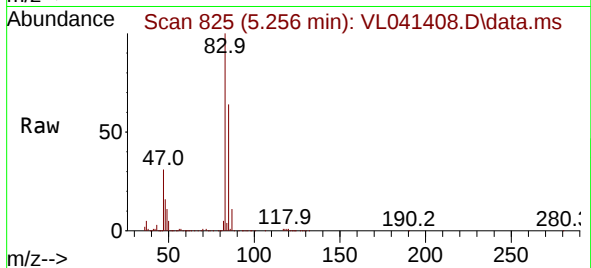
85 63.5 53.1 79.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#30

Cyclohexane

Concen: 9.748 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

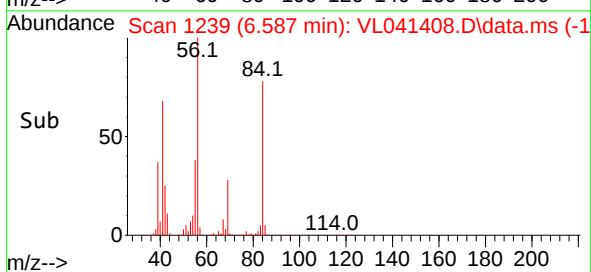
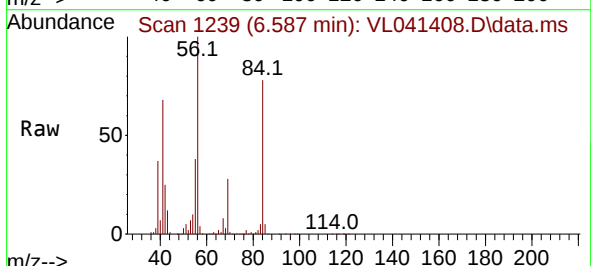
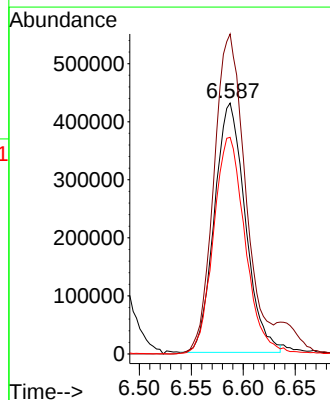
Tgt Ion: 84 Resp: 887969

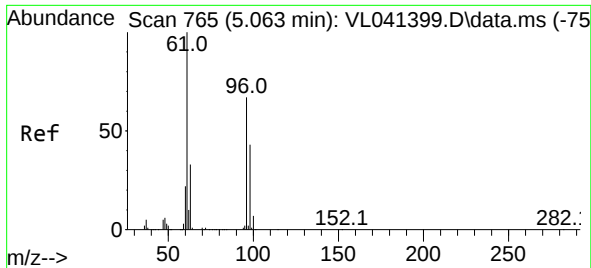
Ion Ratio Lower Upper

84 100

56 141.1 111.2 166.8

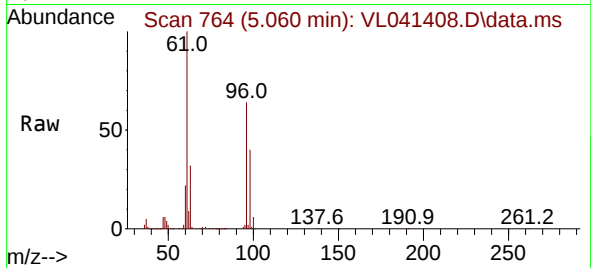
41 90.0 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.526 ppbv
 RT: 5.060 min Scan# 765
 Delta R.T. -0.003 min
 Lab File: VL041408.D
 Acq: 25 Jul 2024 21:38

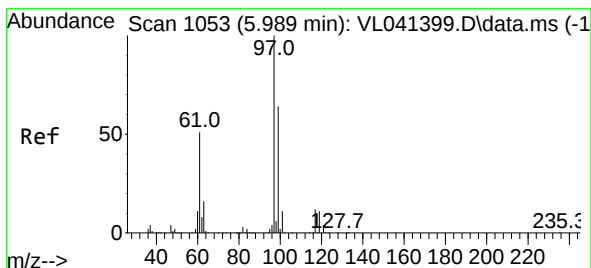
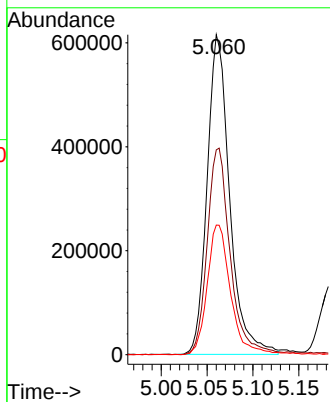
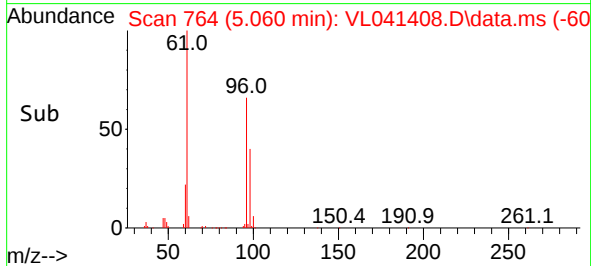
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0725ABS01



Tgt Ion: 61 Resp: 1052729
 Ion Ratio Lower Upper
 61 100
 96 64.0 53.4 80.2
 98 40.5 34.4 51.6

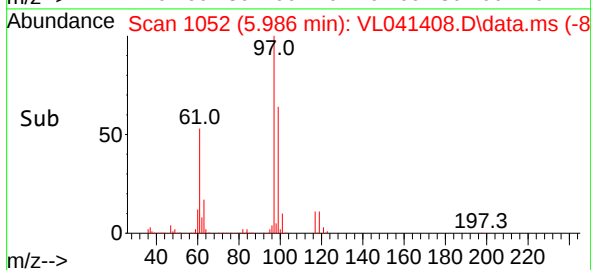
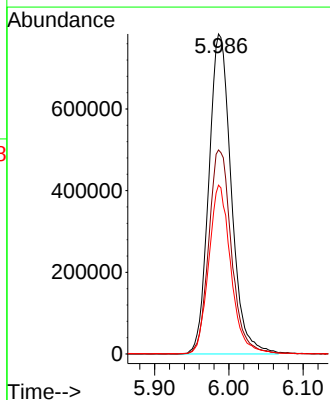
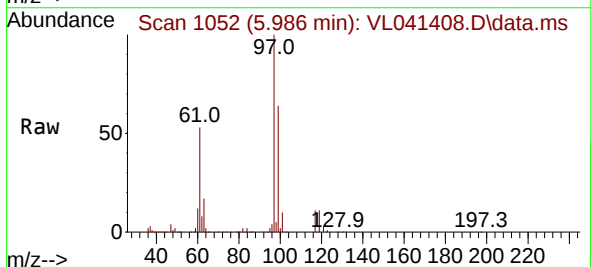
Manual Integrations
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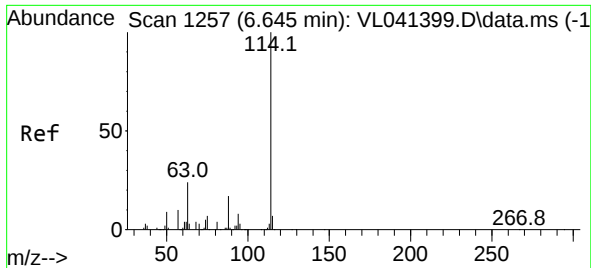
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#32
 1,1,1-Trichloroethane
 Concen: 9.263 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.003 min
 Lab File: VL041408.D
 Acq: 25 Jul 2024 21:38

Tgt Ion: 97 Resp: 1645170
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.0 78.0
 61 52.3 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion:114 Resp: 3272068

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

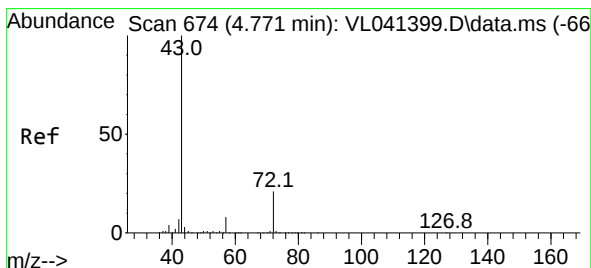
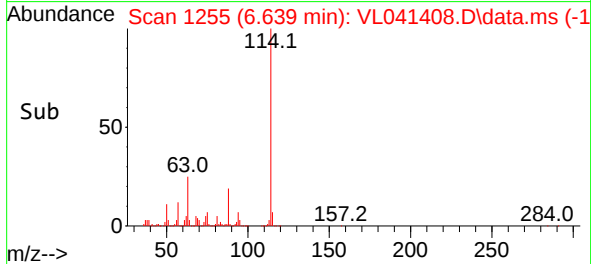
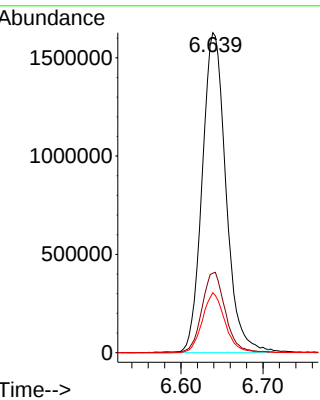
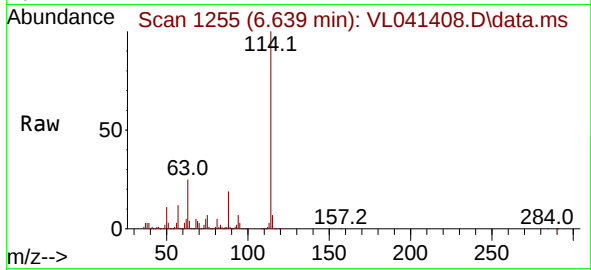
88 18.0 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#34

2-Butanone

Concen: 9.547 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.003 min

Lab File: VL041408.D

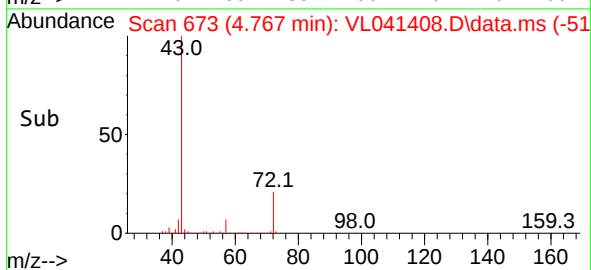
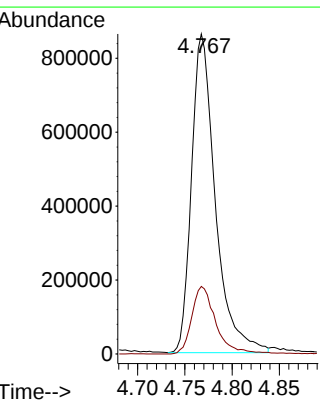
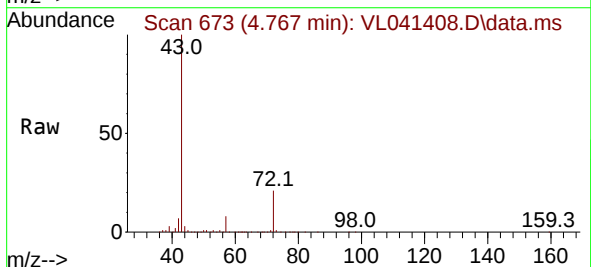
Acq: 25 Jul 2024 21:38

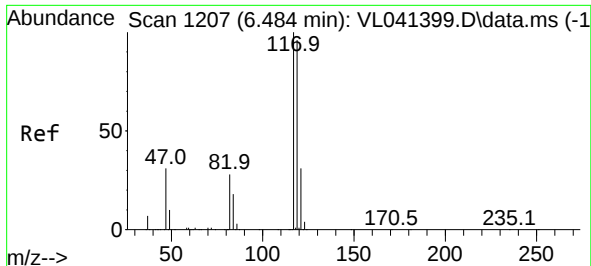
Tgt Ion: 43 Resp: 1511083

Ion Ratio Lower Upper

43 100

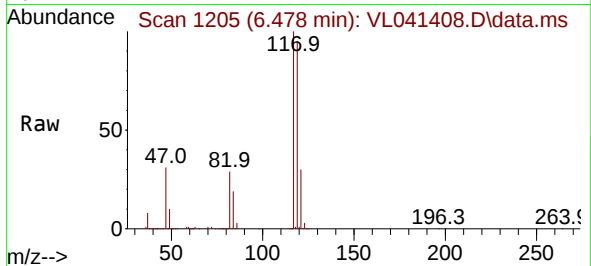
72 21.7 17.3 25.9





#35
Carbon Tetrachloride
Concen: 9.612 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

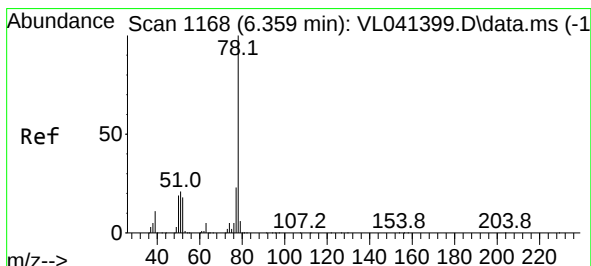
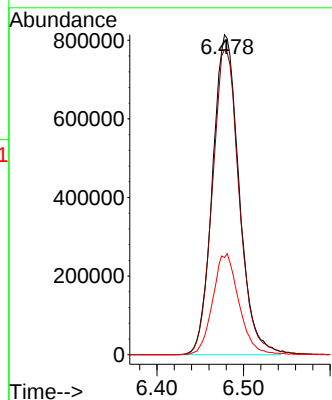
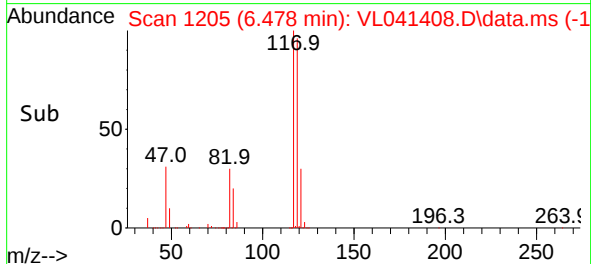
Instrument : MSVOA_L
ClientSampleId : VL0725ABS01



Tgt Ion: 117 Resp: 1734729
Ion Ratio Lower Upper
117 100
119 95.2 76.6 115.0
121 30.4 25.1 37.7

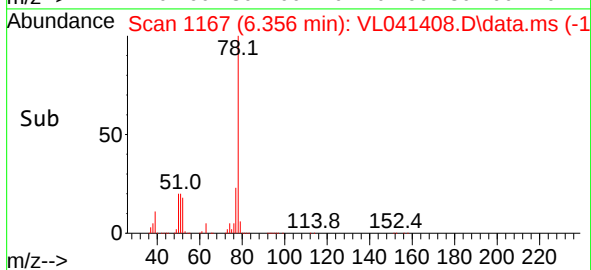
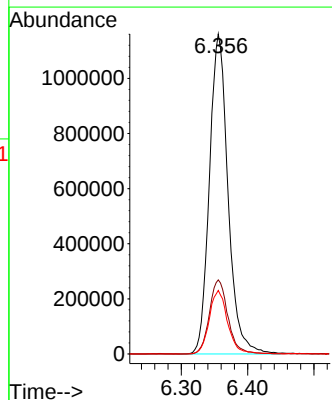
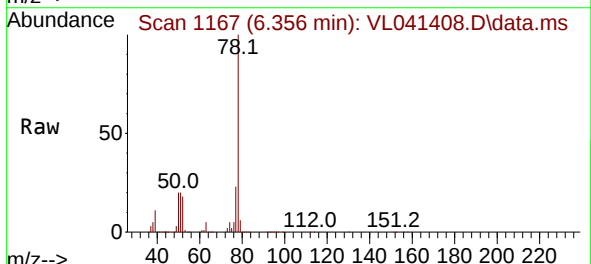
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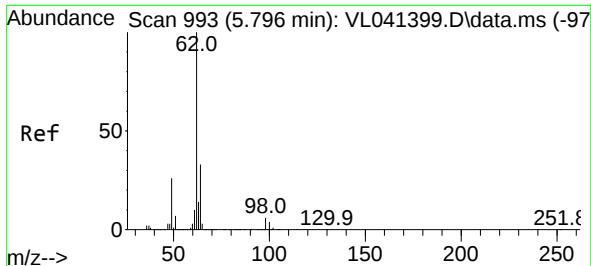
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#36
Benzene
Concen: 9.473 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

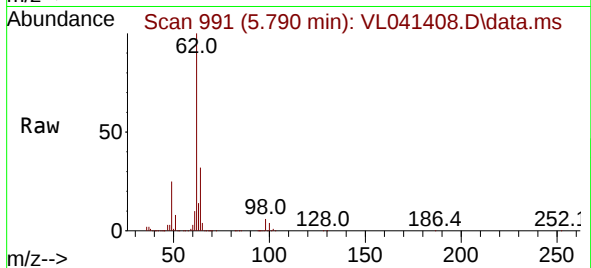
Tgt Ion: 78 Resp: 2264893
Ion Ratio Lower Upper
78 100
77 23.2 18.1 27.1
50 19.9 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.642 ppbv
RT: 5.790 min Scan# 993
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

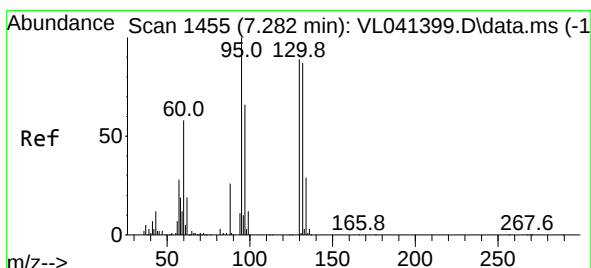
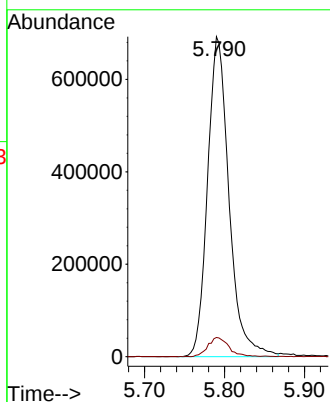
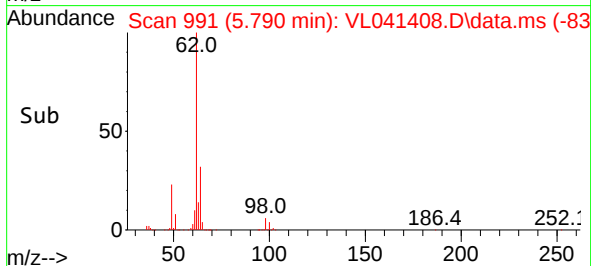
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



Tgt Ion: 62 Resp: 1290324
Ion Ratio Lower Upper
62 100
98 6.1 5.0 7.4

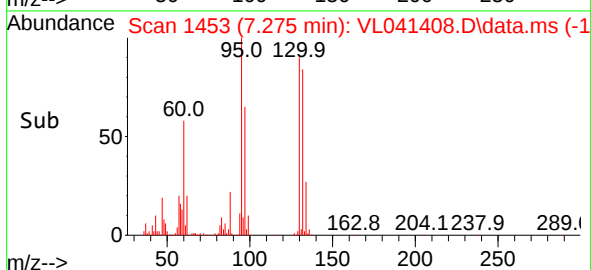
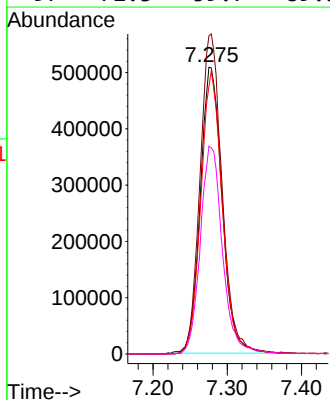
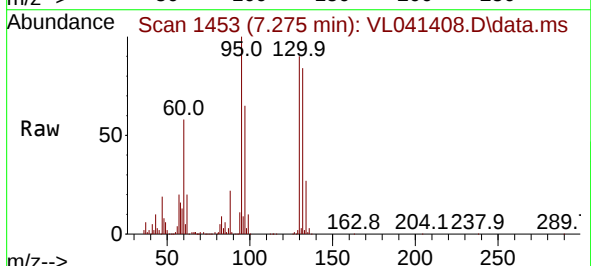
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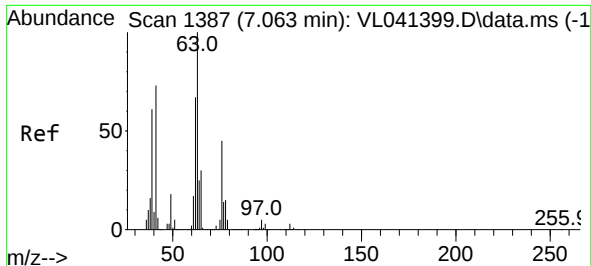
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#38
Trichloroethene
Concen: 9.465 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion:130 Resp: 1036769
Ion Ratio Lower Upper
130 100
95 111.1 90.2 135.2
132 93.2 78.1 117.1
97 72.3 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.496 ppbv

RT: 7.057 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VL041408.D

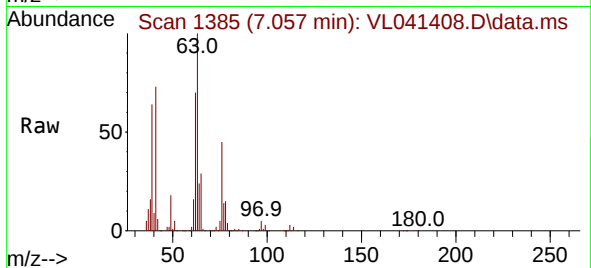
Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01



Tgt Ion: 63 Resp: 869200

Ion Ratio Lower Upper

63 100

41 73.3 58.3 87.5

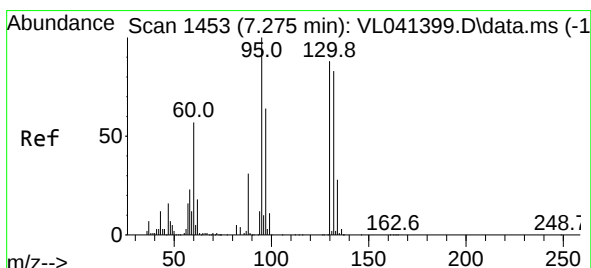
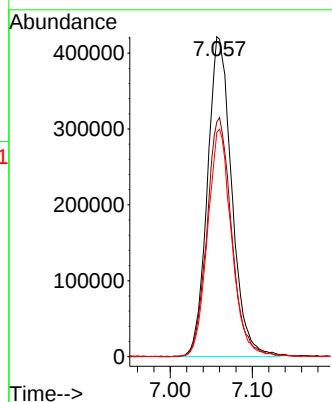
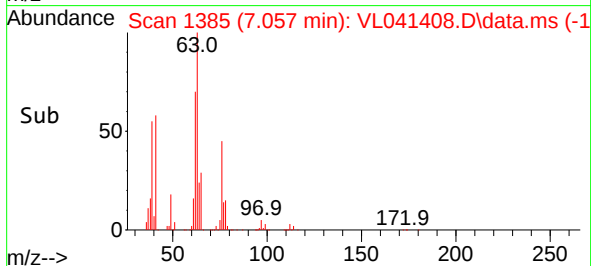
62 69.9 53.9 80.9

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Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#40

1,4-Dioxane

Concen: 7.392 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Tgt Ion: 88 Resp: 271800

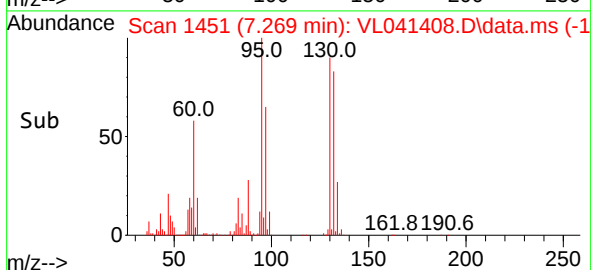
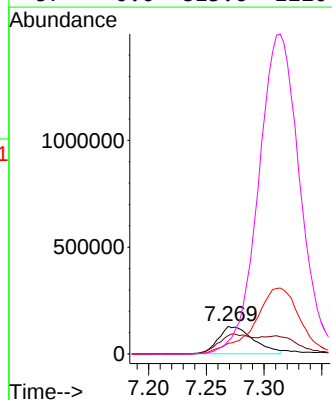
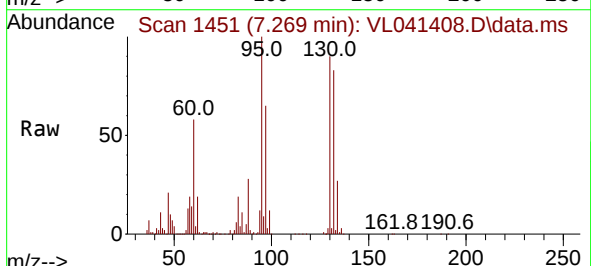
Ion Ratio Lower Upper

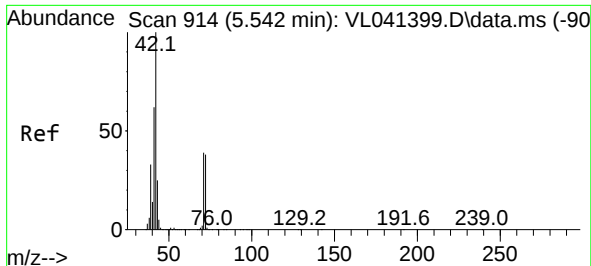
88 100

58 143.3 95.8 143.6

43 0.0 188.2 282.2#

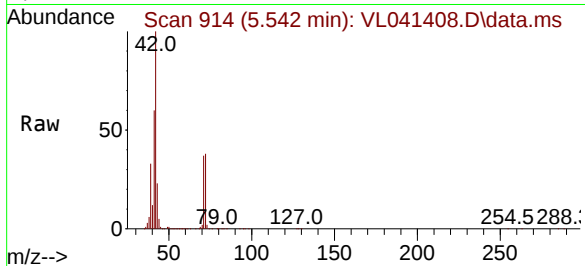
57 0.0 813.6 1220.4#





#41
Tetrahydrofuran
Concen: 9.984 ppbv
RT: 5.542 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

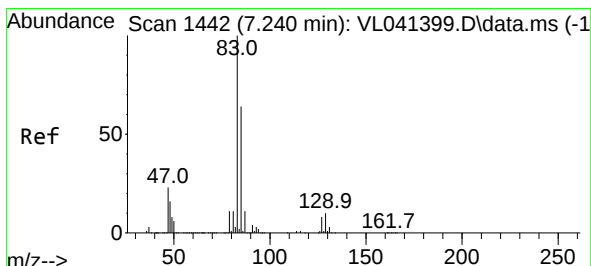
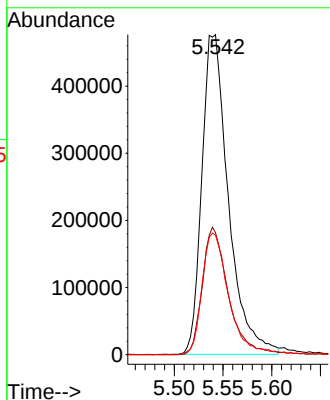
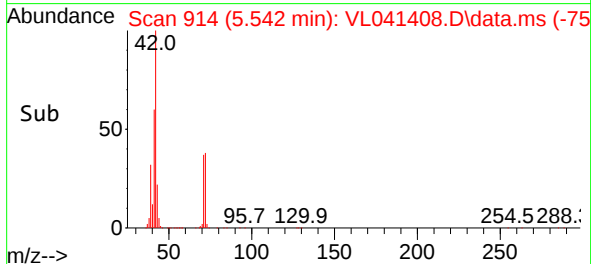
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



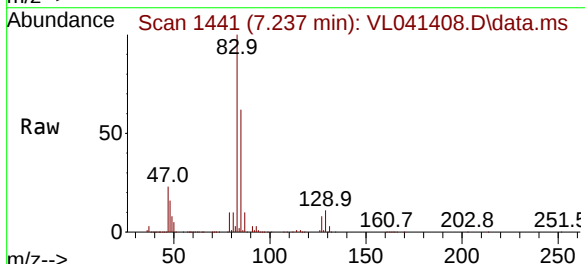
Tgt Ion: 42 Resp: 903810
Ion Ratio Lower Upper
42 100
72 39.4 31.2 46.8
71 38.4 30.5 45.7

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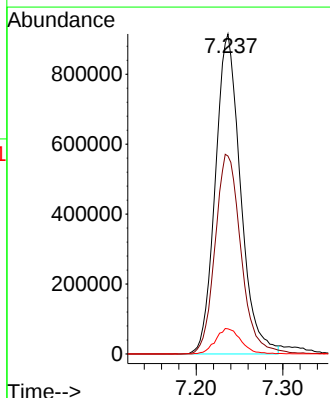
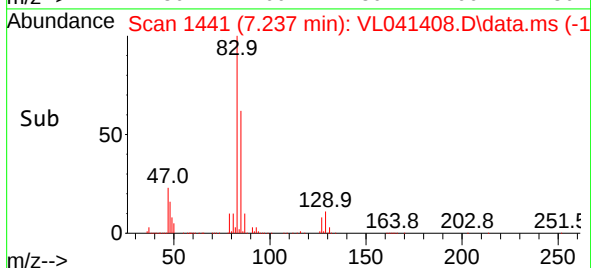
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

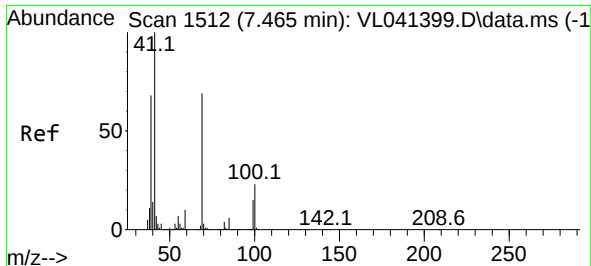


#42
Bromodichloromethane
Concen: 9.582 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38



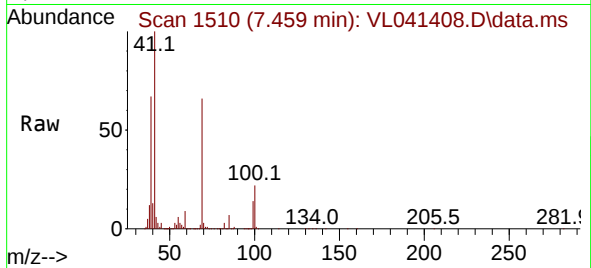
Tgt Ion: 83 Resp: 1851572
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.0
127 7.9 6.7 10.1





#43
Methyl Methacrylate
Concen: 10.545 ppbv
RT: 7.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

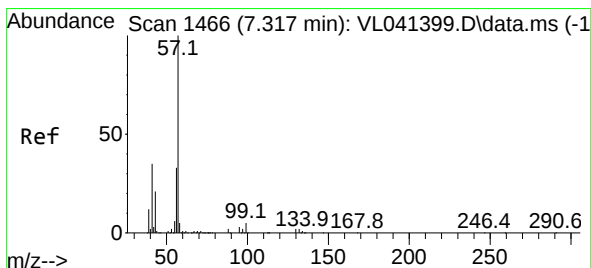
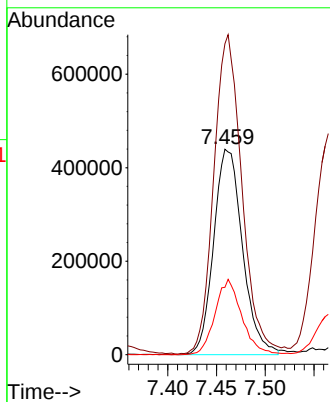
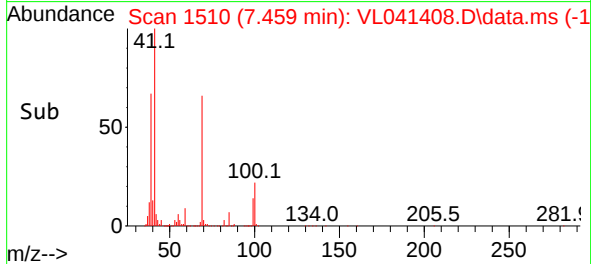
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



Tgt Ion: 69 Resp: 904080
Ion Ratio Lower Upper
69 100
41 152.8 118.7 178.1
100 34.1 27.0 40.4

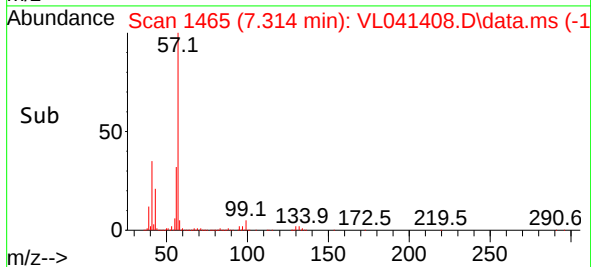
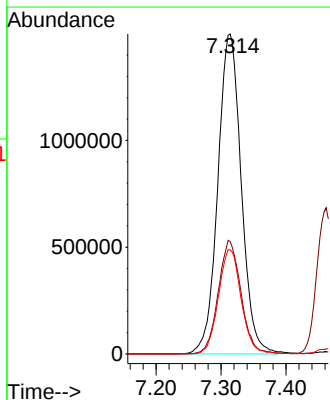
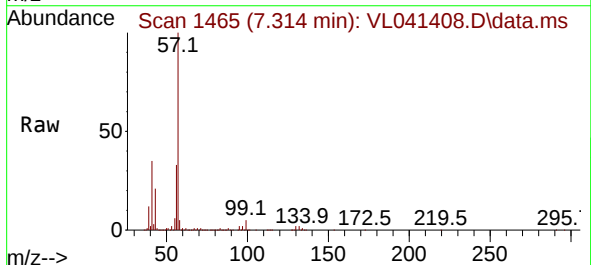
Manual Integrations
APPROVED

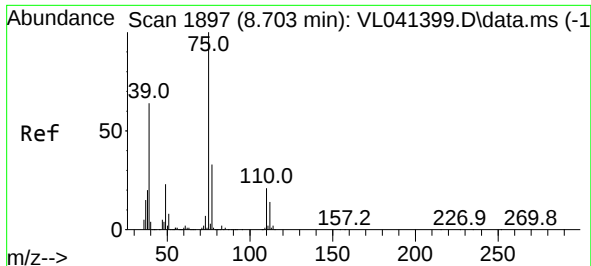
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#44
2,2,4-Trimethylpentane
Concen: 9.382 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion: 57 Resp: 3746476
Ion Ratio Lower Upper
57 100
41 34.4 27.0 40.6
56 31.8 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 11.919 ppbv

RT: 8.696 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion: 75 Resp: 94059

Ion Ratio Lower Upper

75 100

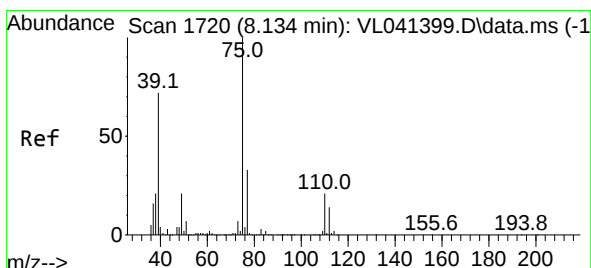
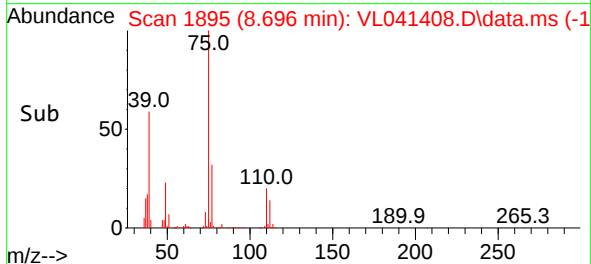
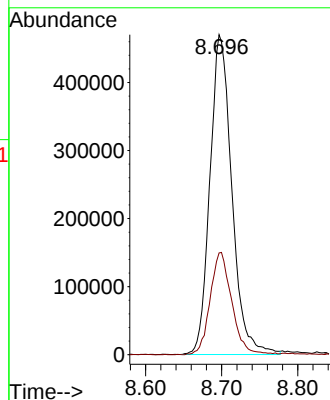
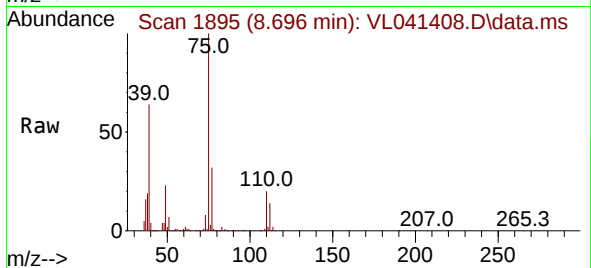
77 31.8 26.5 39.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#46

cis-1,3-Dichloropropene

Concen: 10.915 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. -0.003 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

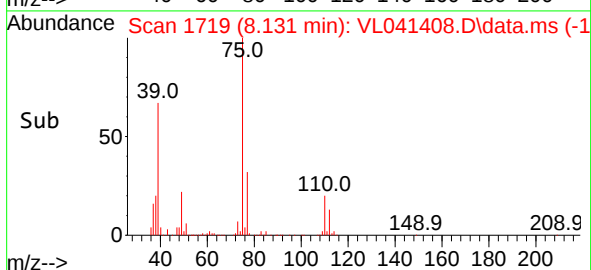
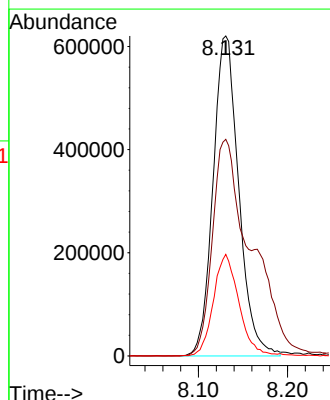
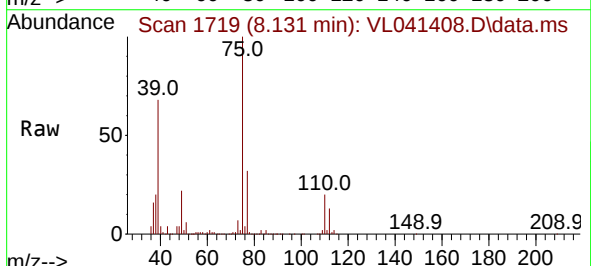
Tgt Ion: 75 Resp: 1243851

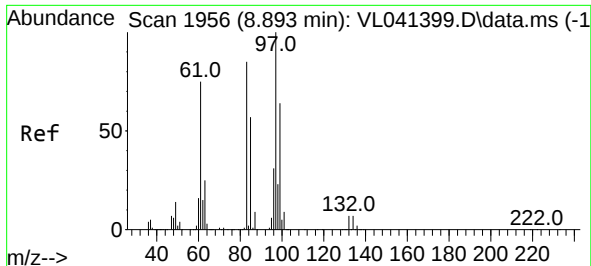
Ion Ratio Lower Upper

75 100

39 67.6 57.3 85.9

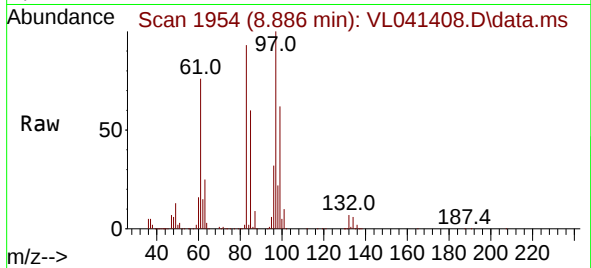
77 31.8 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 9.482 ppbv
RT: 8.886 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

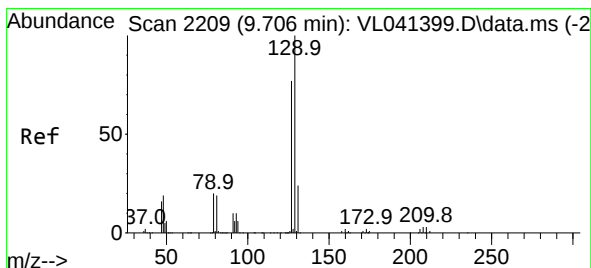
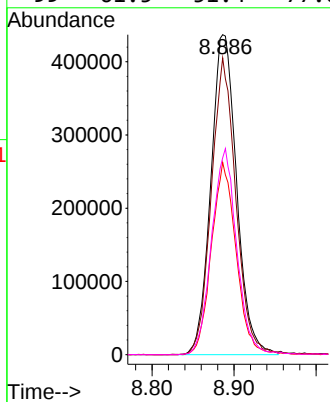
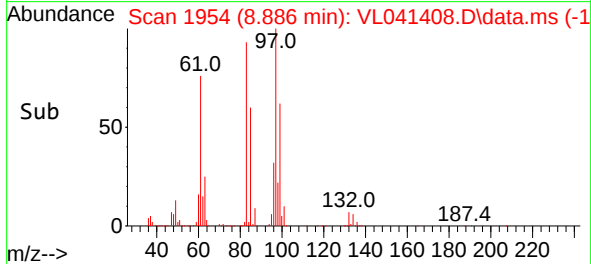
Instrument : MSVOA_L
ClientSampleId : VL0725ABS01



Tgt Ion: 97 Resp: 95670
Ion Ratio Lower Upper
97 100
83 92.7 67.6 101.4
85 60.1 45.9 68.9
99 61.5 51.4 77.0

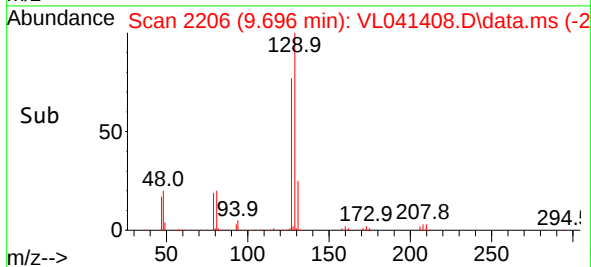
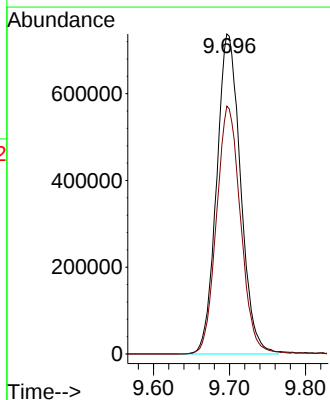
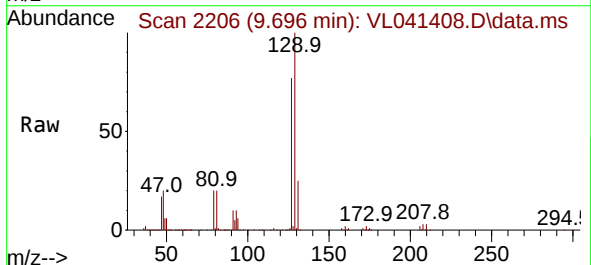
Manual Integrations
APPROVED

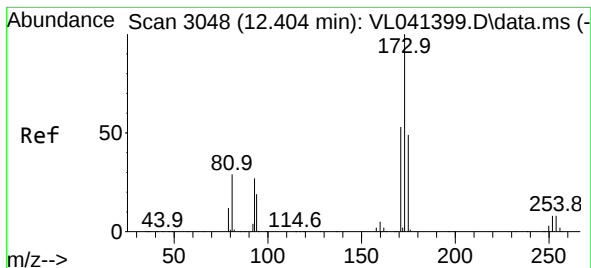
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#48
Dibromochloromethane
Concen: 9.918 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. -0.010 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion:129 Resp: 1612174
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.8





#49

Bromoform

Concen: 10.424 ppbv

RT: 12.397 min Scan# 3048

Delta R.T. -0.006 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion:173 Resp: 1431198

Ion Ratio Lower Upper

173 100

175 49.8 39.9 59.9

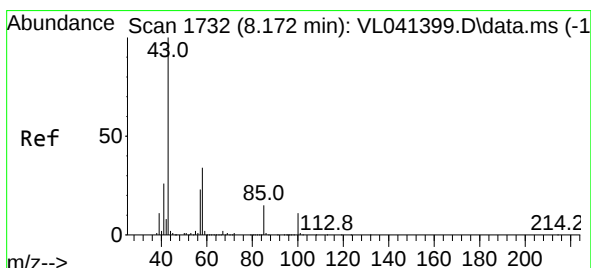
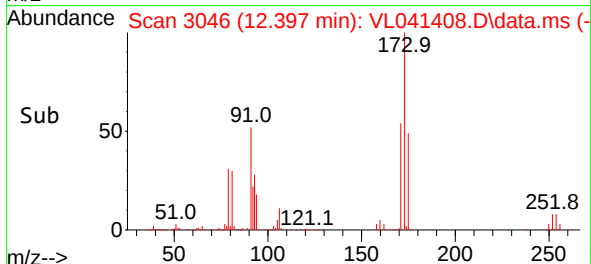
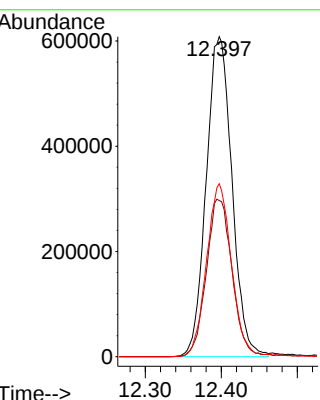
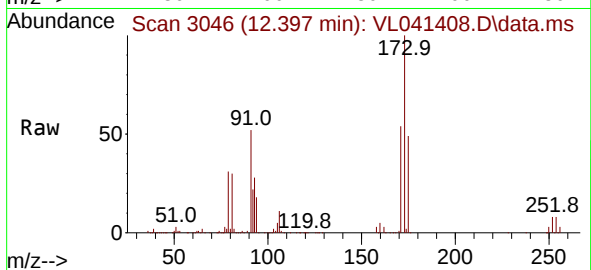
171 52.8 41.7 62.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#50

4-Methyl-2-Pentanone

Concen: 10.097 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. -0.006 min

Lab File: VL041408.D

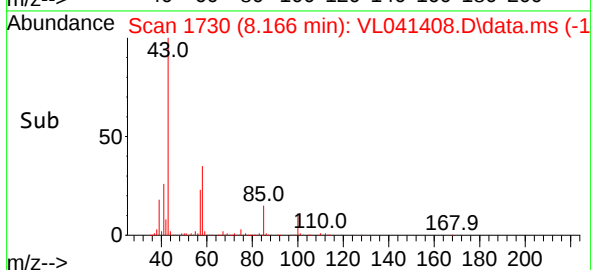
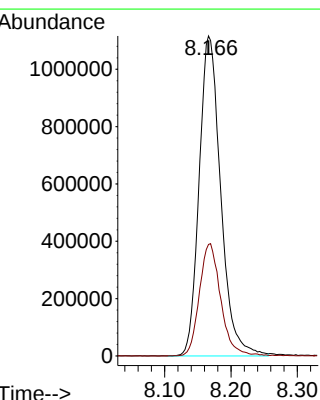
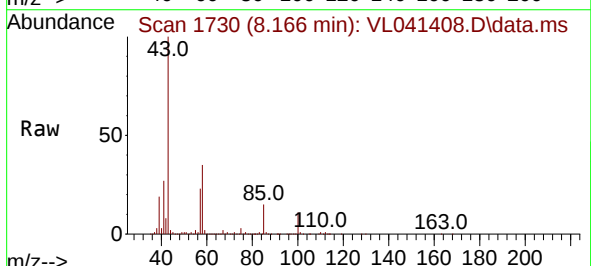
Acq: 25 Jul 2024 21:38

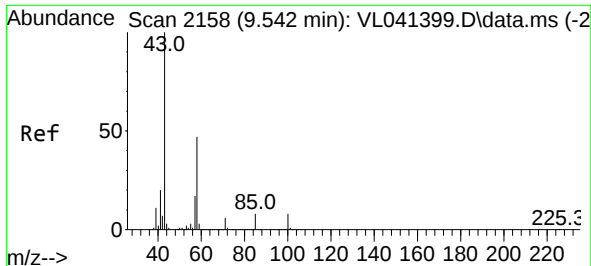
Tgt Ion: 43 Resp: 2521444

Ion Ratio Lower Upper

43 100

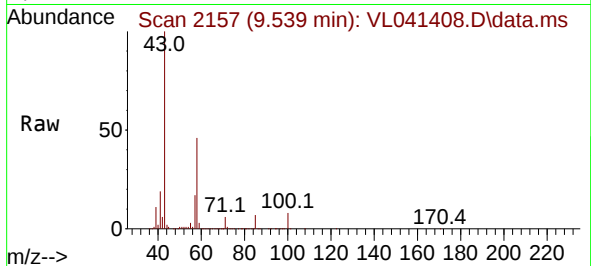
58 34.9 27.9 41.9





#51
2-Hexanone
Concen: 10.840 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

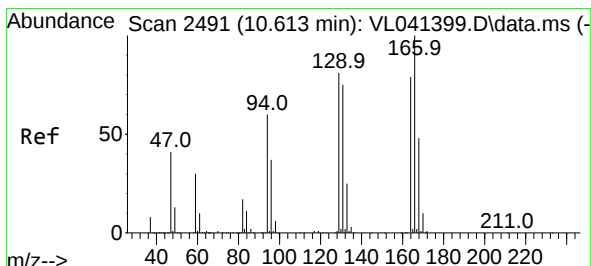
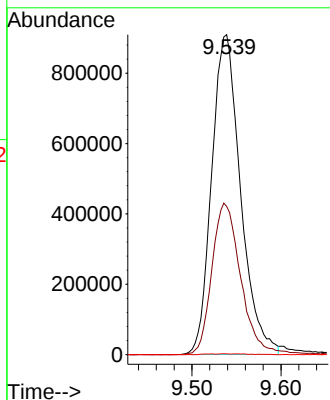
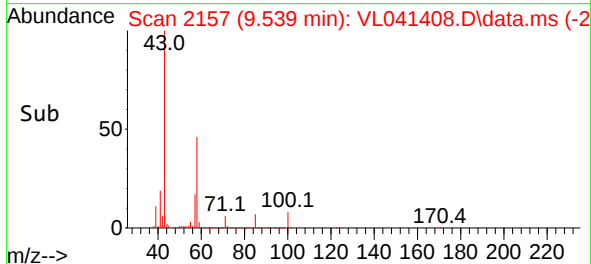
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



Tgt Ion: 43 Resp: 204695
Ion Ratio Lower Upper
43 100
58 47.9 38.2 57.2
98 0.4 0.3 0.5

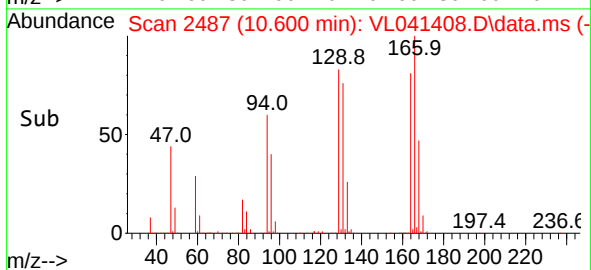
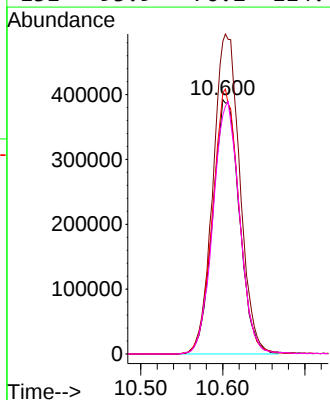
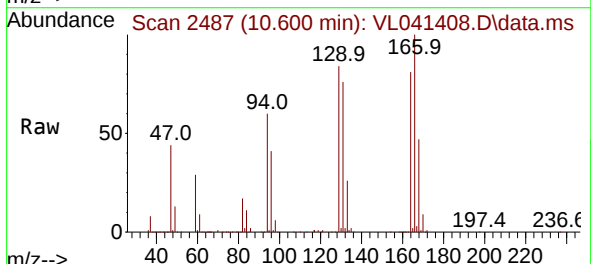
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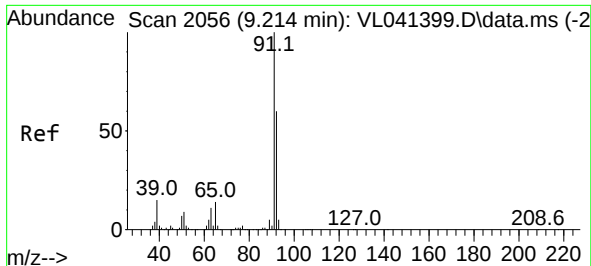
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#52
Tetrachloroethene
Concen: 9.588 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.013 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion:164 Resp: 885734
Ion Ratio Lower Upper
164 100
166 123.0 101.1 151.7
129 102.7 81.7 122.5
131 93.9 76.2 114.4





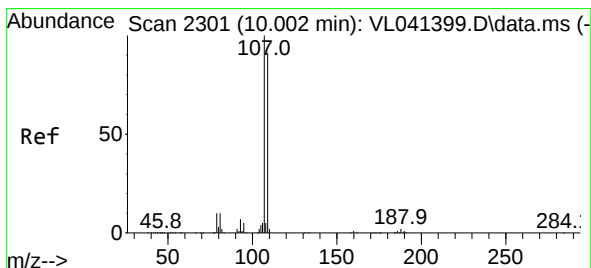
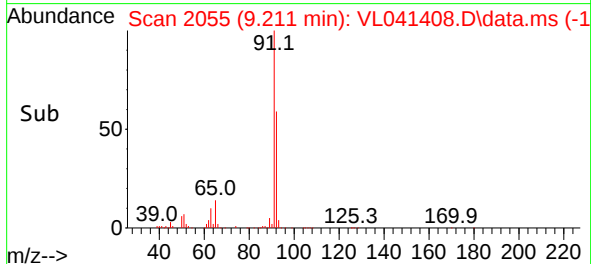
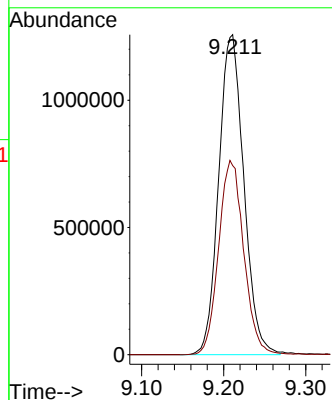
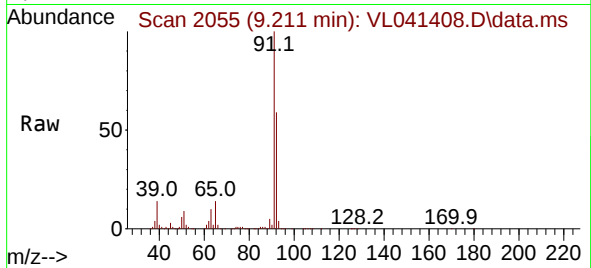
#53
Toluene
Concen: 10.053 ppbv
RT: 9.211 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Instrument : MSVOA_L
ClientSampleId : VL0725ABS01

Tgt Ion: 91 Resp: 267733
Ion Ratio Lower Upper
91 100
92 61.0 48.7 73.1

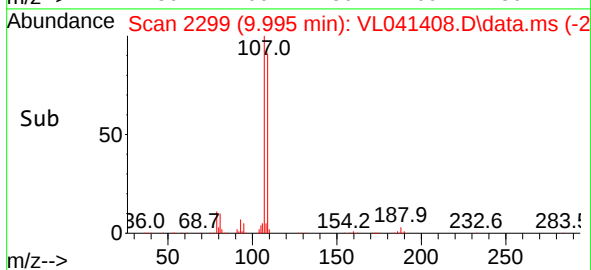
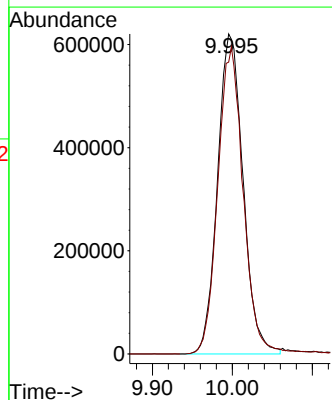
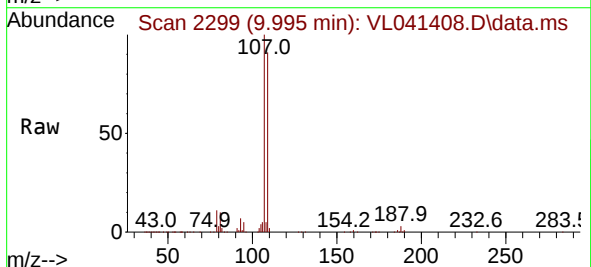
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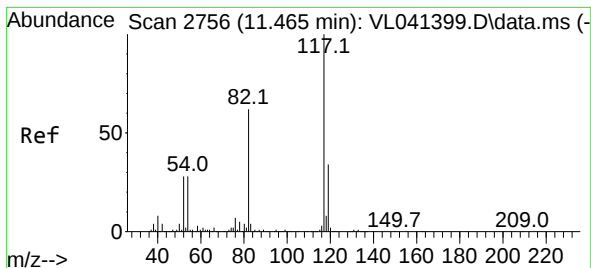
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#54
1,2-Dibromoethane
Concen: 10.228 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion:107 Resp: 1373621
Ion Ratio Lower Upper
107 100
109 91.2 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2756

Delta R.T. -0.010 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion:117 Resp: 324746

Ion Ratio Lower Upper

117 100

82 62.4 51.0 76.6

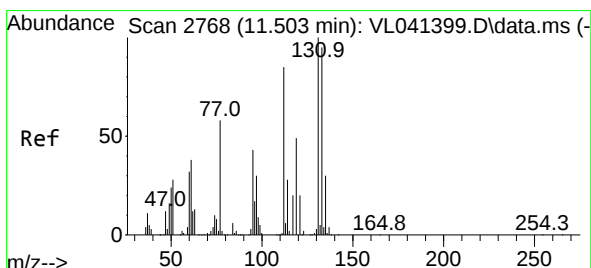
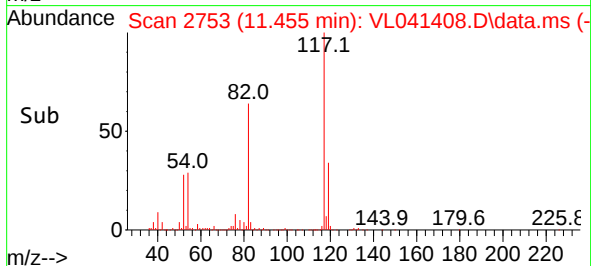
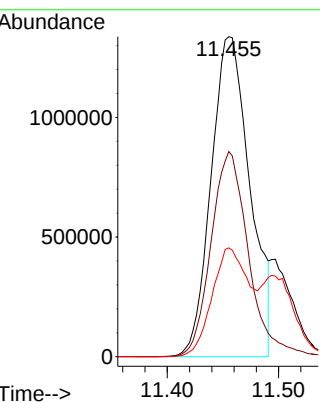
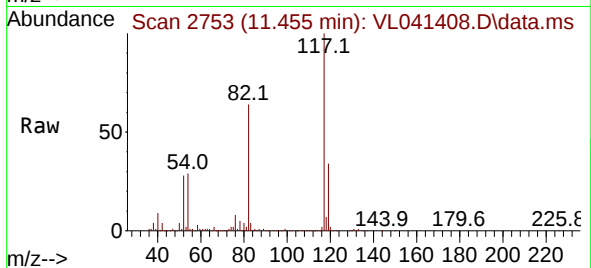
119 34.3 45.2 67.8

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Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 9.180 ppbv

RT: 11.497 min Scan# 2766

Delta R.T. -0.006 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

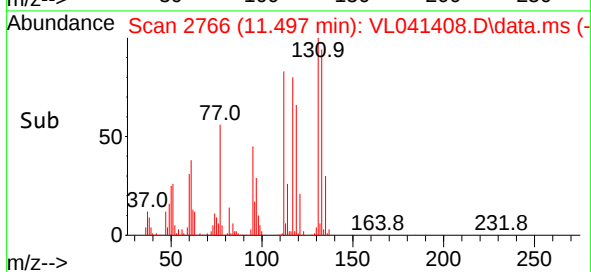
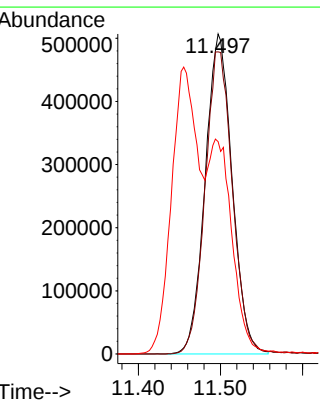
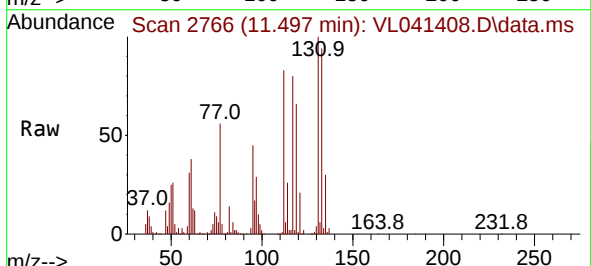
Tgt Ion:131 Resp: 1156109

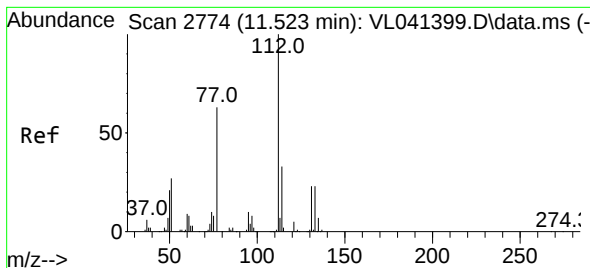
Ion Ratio Lower Upper

131 100

133 96.6 77.0 115.4

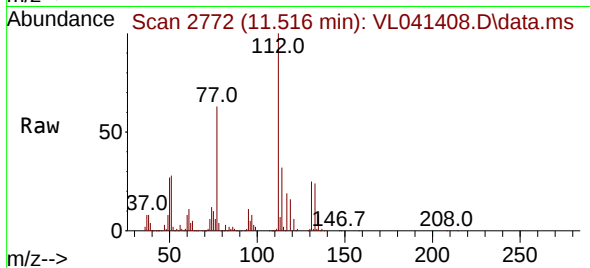
119 152.7 121.5 182.3





#57
Chlorobenzene
Concen: 9.017 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

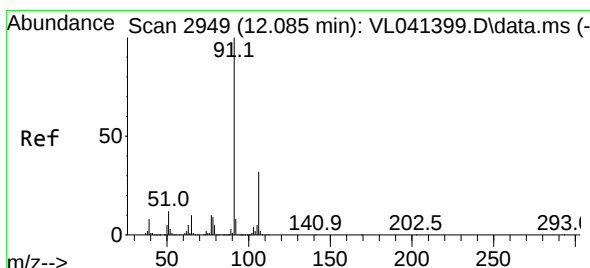
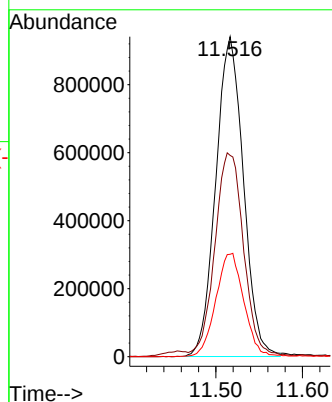
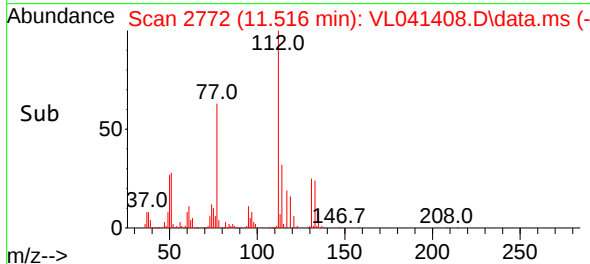
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



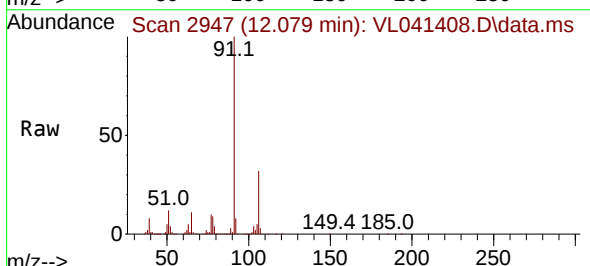
Tgt Ion: 112 Resp: 2084790
Ion Ratio Lower Upper
112 100
77 62.3 51.1 76.7
114 31.9 29.5 36.1

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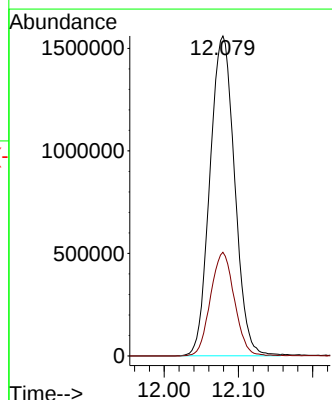
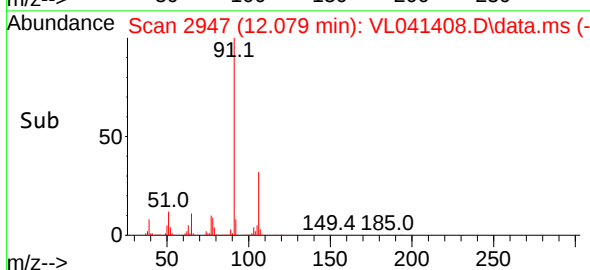
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

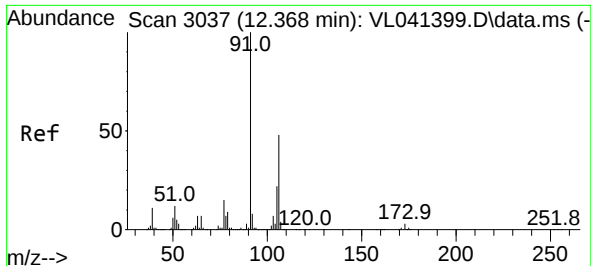


#58
Ethyl Benzene
Concen: 9.646 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38



Tgt Ion: 91 Resp: 3610434
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8





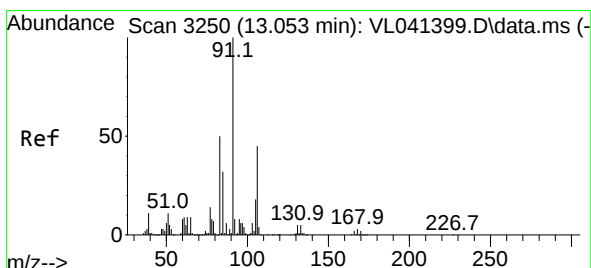
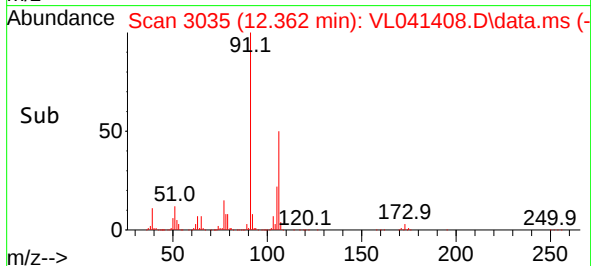
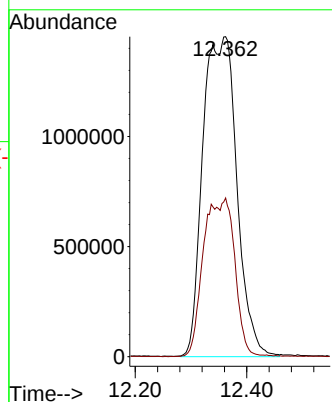
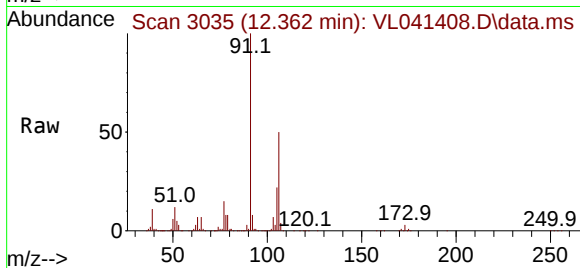
#59
m/p-Xylene
Concen: 19.033 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01

Tgt Ion: 91 Resp: 614989
Ion Ratio Lower Upper
91 100
106 45.7 36.3 54.5

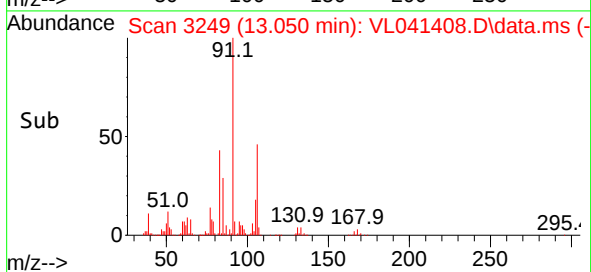
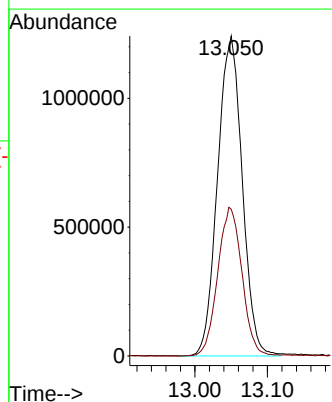
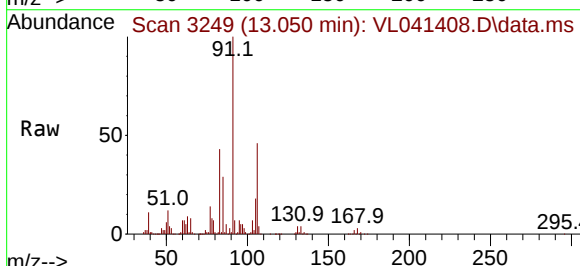
Manual Integrations
APPROVED

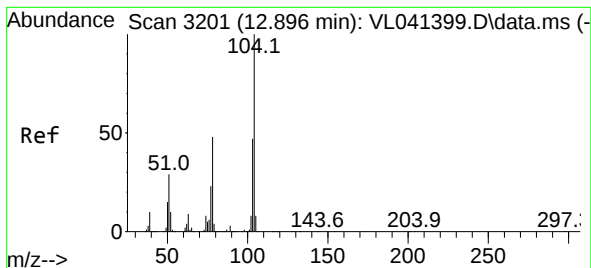
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#60
o-Xylene
Concen: 9.614 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion: 91 Resp: 2938549
Ion Ratio Lower Upper
91 100
106 45.9 23.1 69.3





#61

Styrene

Concen: 10.649 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. -0.010 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion:104 Resp: 1468470

Ion Ratio Lower Upper

104 100

78 50.7 40.8 61.2

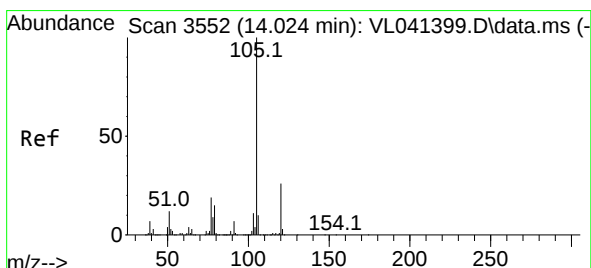
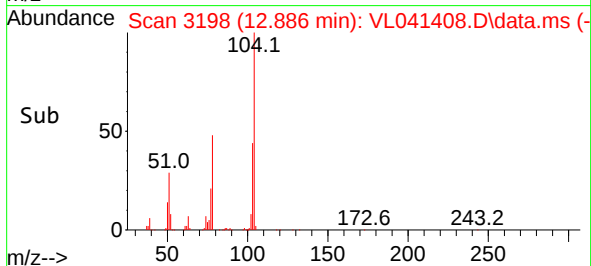
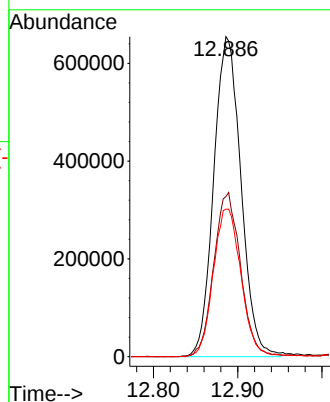
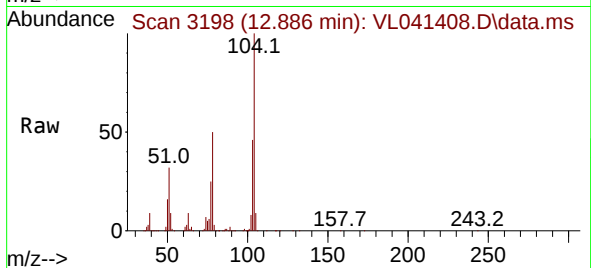
103 47.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#62

Isopropylbenzene

Concen: 9.289 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. -0.006 min

Lab File: VL041408.D

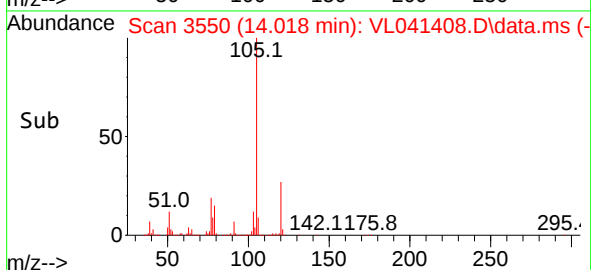
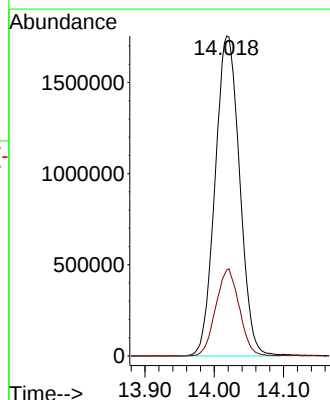
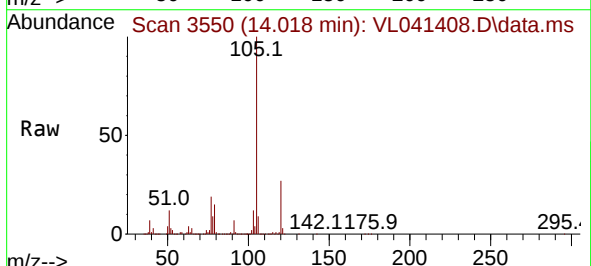
Acq: 25 Jul 2024 21:38

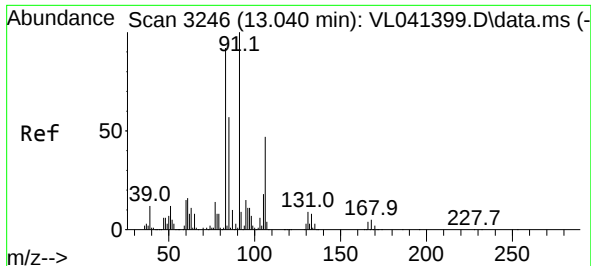
Tgt Ion:105 Resp: 4316418

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4





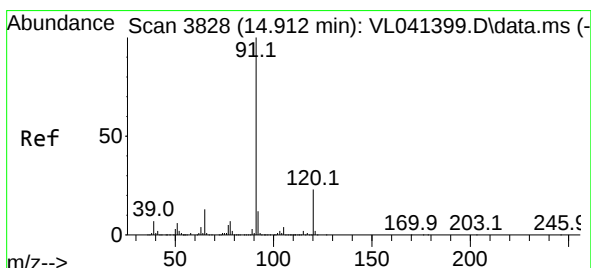
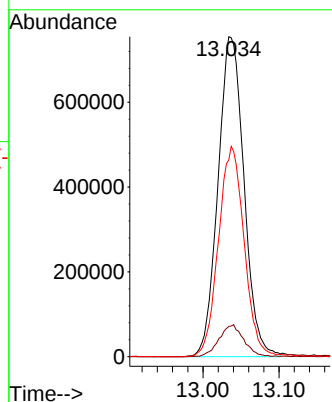
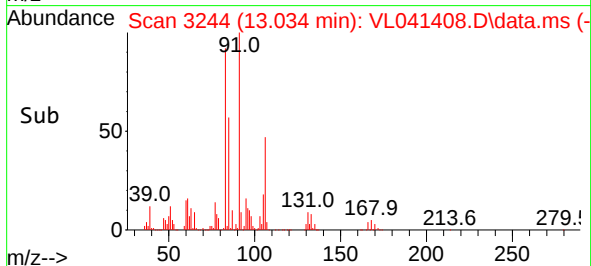
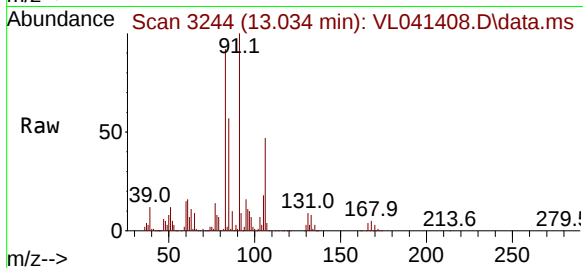
#63
1,1,2,2-Tetrachloroethane
Concen: 9.271 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01

Tgt Ion: 83 Resp: 178937
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.7 32.6 98.0

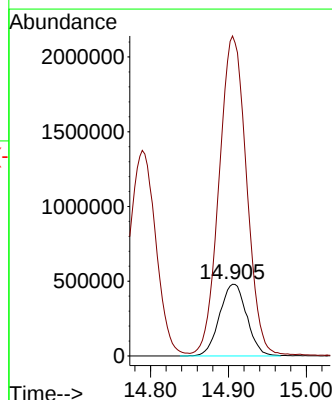
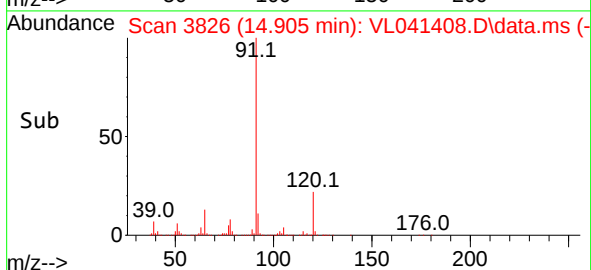
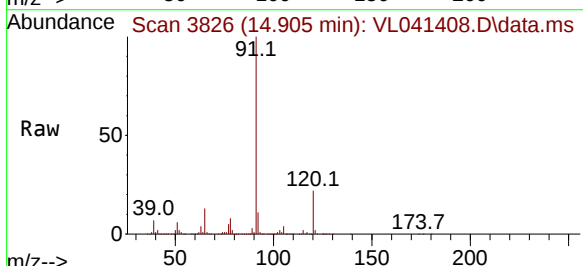
Manual Integrations
APPROVED

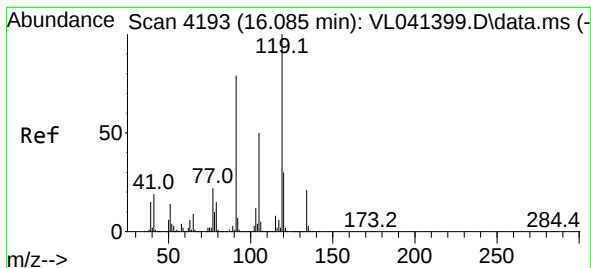
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#64
n-propylbenzene
Concen: 9.588 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

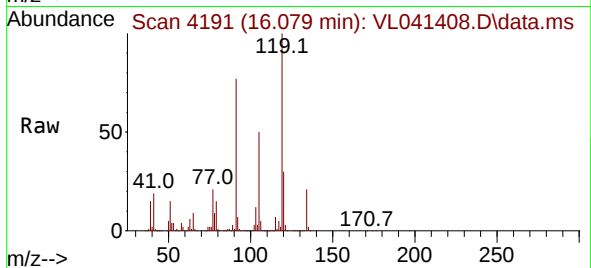
Tgt Ion:120 Resp: 1164759
Ion Ratio Lower Upper
120 100
91 453.1 361.4 542.0





#65
tert-Butylbenzene
Concen: 9.225 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

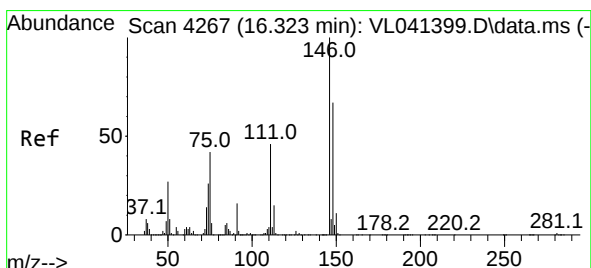
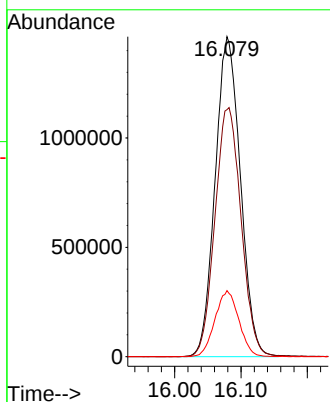
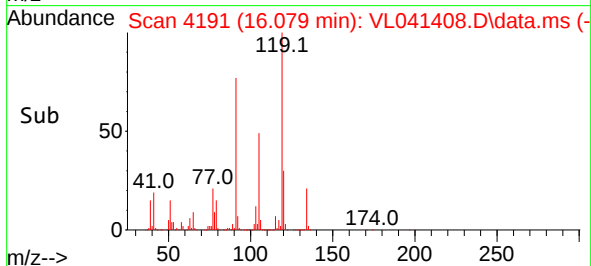
Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01



Tgt Ion:119 Resp: 3871634
Ion Ratio Lower Upper
119 100
91 80.8 64.2 96.2
134 19.6 15.7 23.5

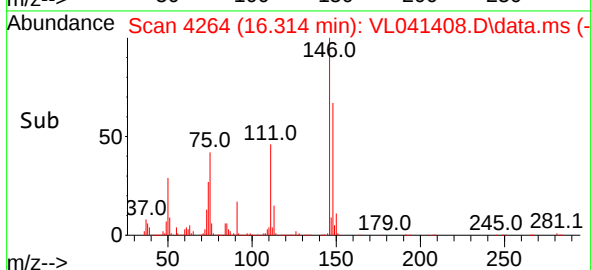
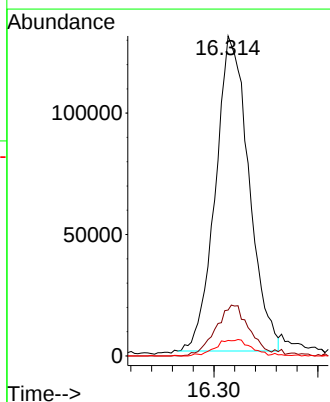
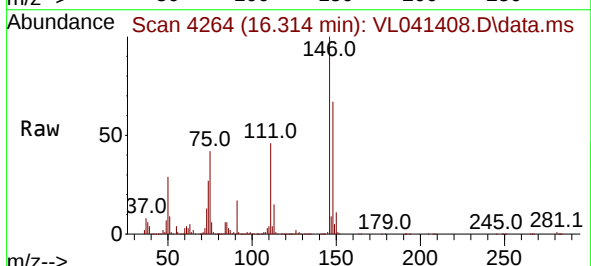
Manual Integrations
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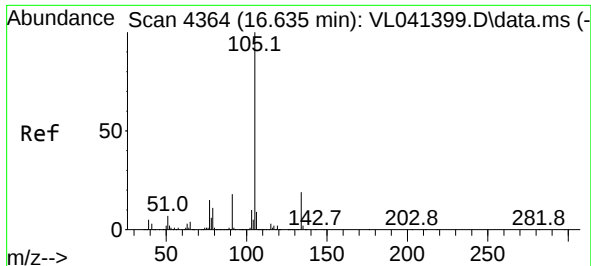
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#66
Benzyl Chloride
Concen: 10.794 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. -0.010 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion: 91 Resp: 290573
Ion Ratio Lower Upper
91 100
126 17.1 13.8 20.8
128 5.7 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.328 ppbv

RT: 16.625 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion:105 Resp: 539425

Ion Ratio Lower Upper

105 100

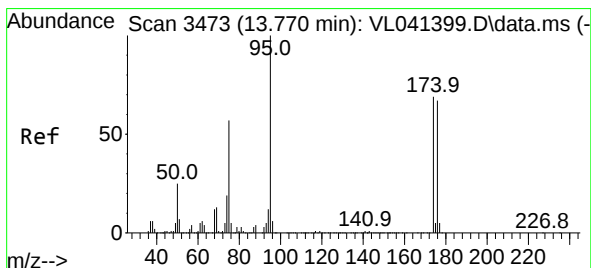
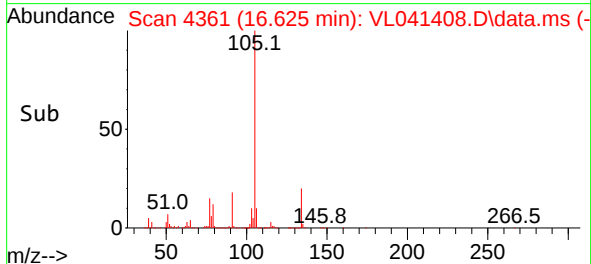
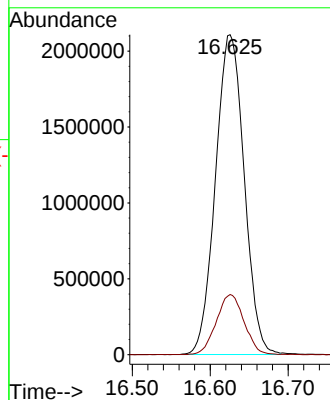
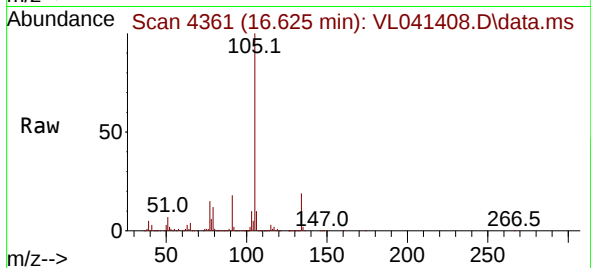
134 18.3 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.023 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. -0.006 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

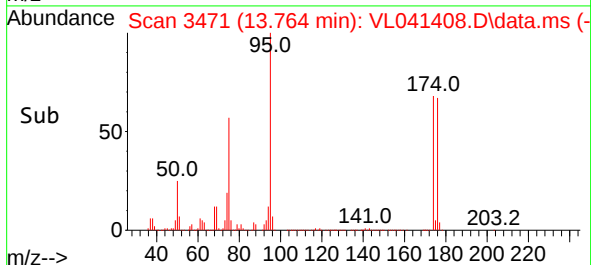
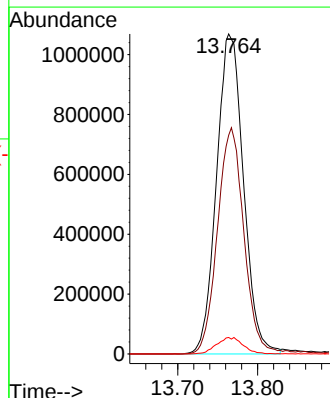
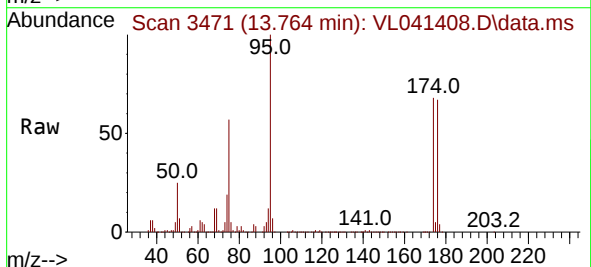
Tgt Ion: 95 Resp: 2504861

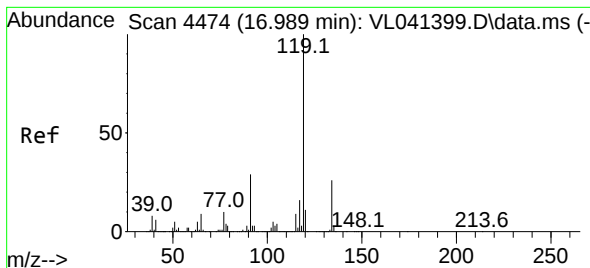
Ion Ratio Lower Upper

95 100

174 70.4 56.3 84.5

175 5.2 4.0 6.0





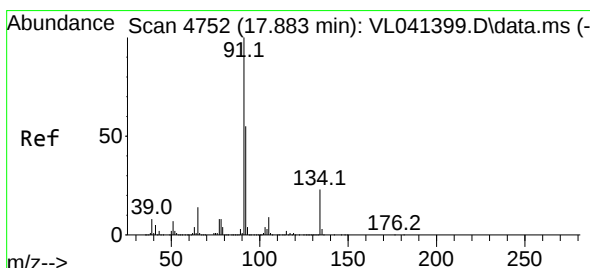
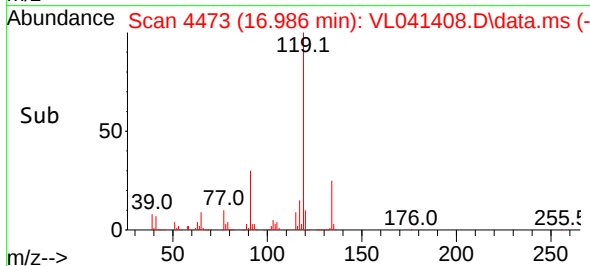
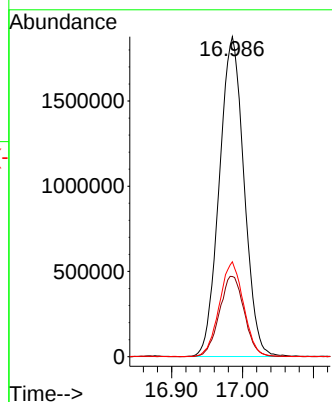
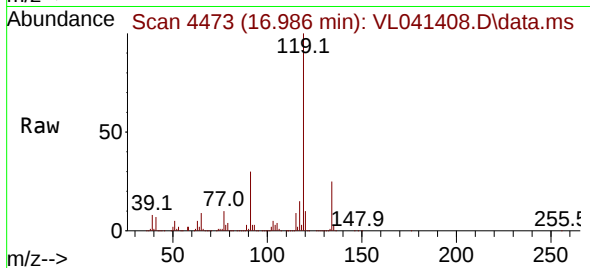
#69
p-Isopropyltoluene
Concen: 9.474 ppbv
RT: 16.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01

Tgt Ion:119 Resp: 454620
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 28.9 23.2 34.8

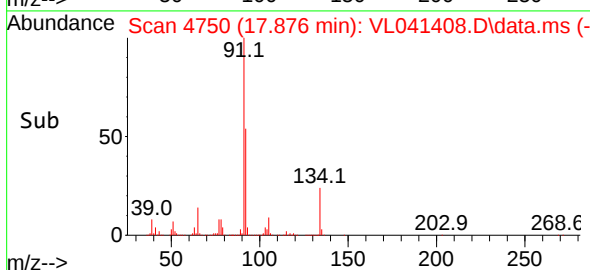
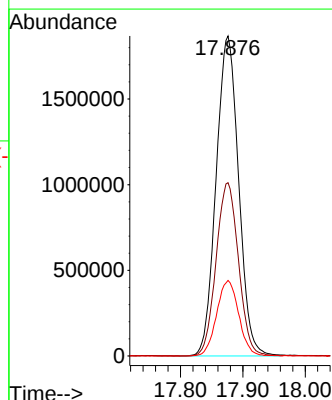
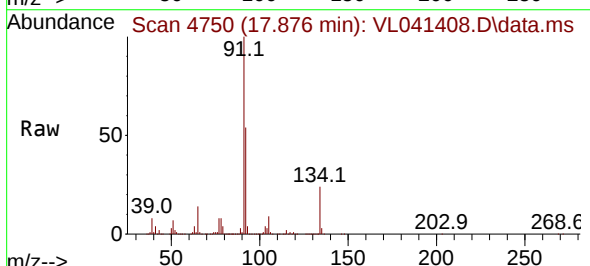
Manual Integrations
APPROVED

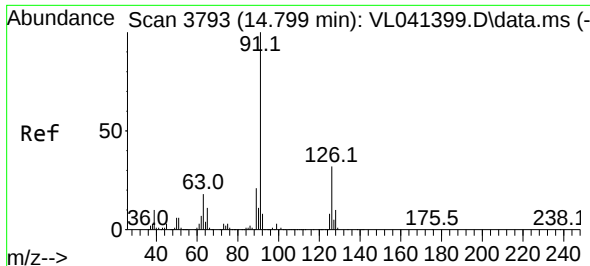
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#70
n-Butylbenzene
Concen: 9.520 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion: 91 Resp: 4683113
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 23.2 18.5 27.7





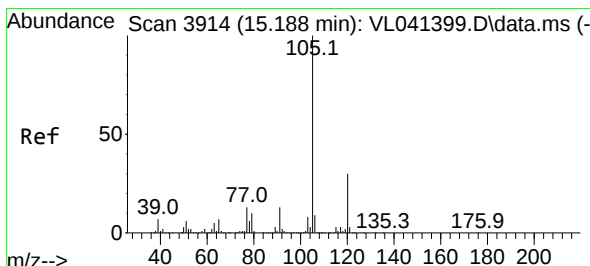
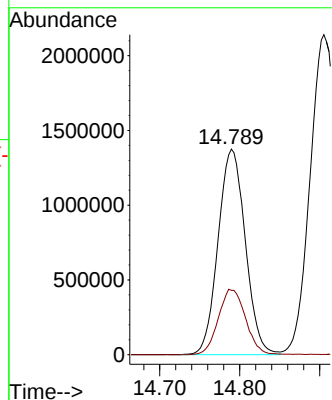
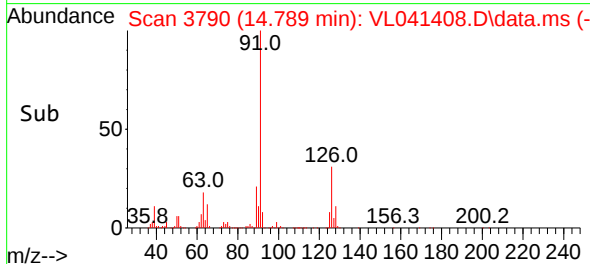
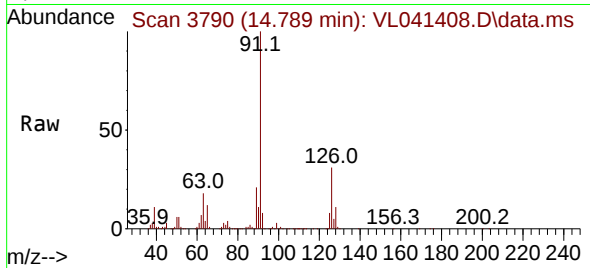
#71
2-Chlorotoluene
Concen: 9.486 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01

Tgt Ion: 91 Resp: 325057
Ion Ratio Lower Upper
91 100
126 32.2 12.7 50.9

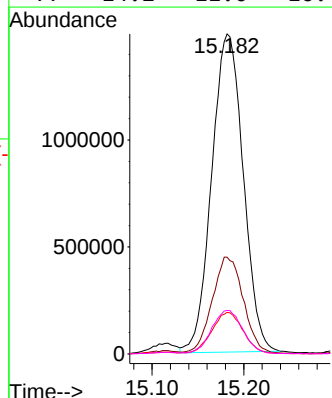
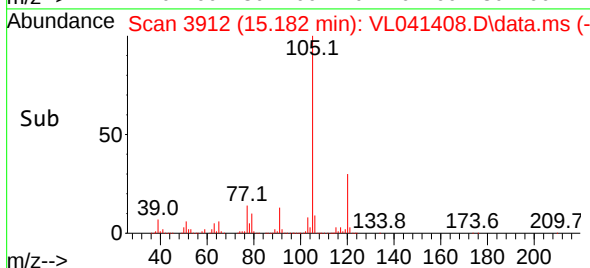
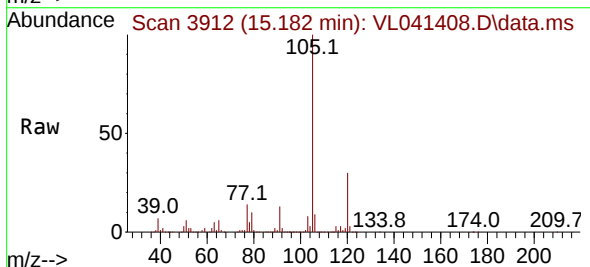
Manual Integrations
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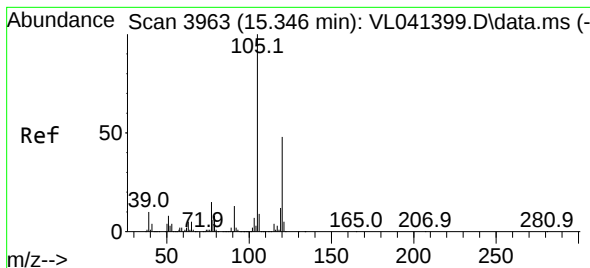
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#72
4-Ethyltoluene
Concen: 9.873 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion:105 Resp: 3553004
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 13.0 10.4 15.6
77 14.2 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.834 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. -0.006 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion:105 Resp: 304856

Ion Ratio Lower Upper

105 100

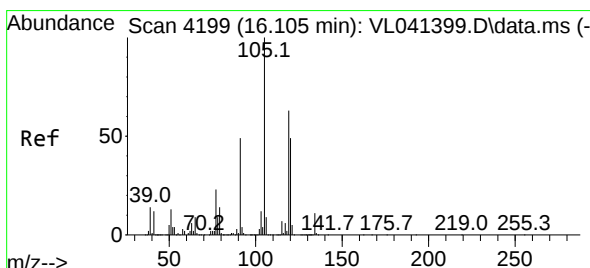
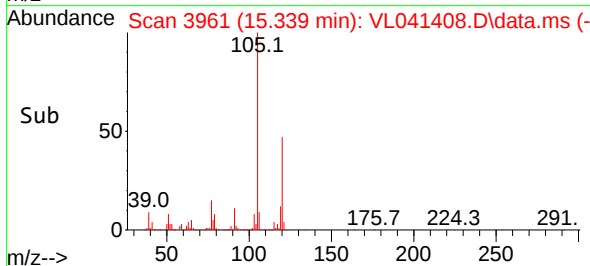
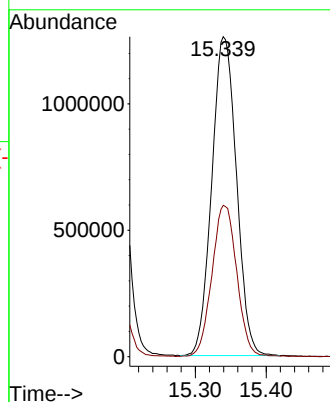
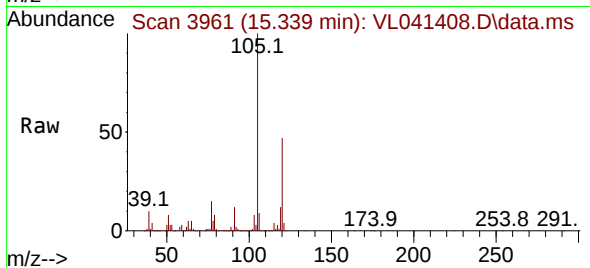
120 47.4 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.412 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. -0.006 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Tgt Ion:105 Resp: 3392303

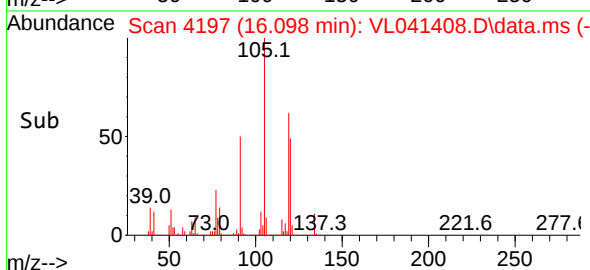
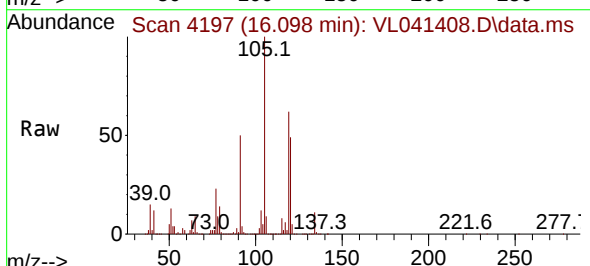
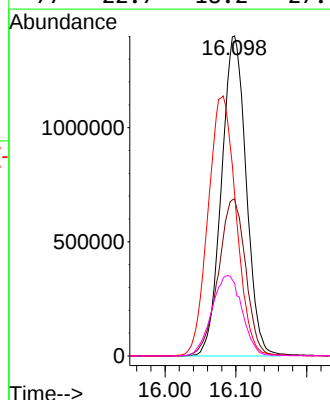
Ion Ratio Lower Upper

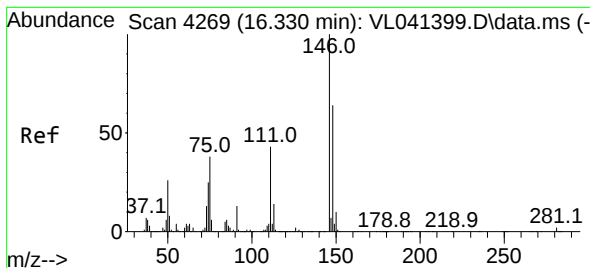
105 100

120 49.0 39.5 59.3

91 50.3 39.8 59.8

77 22.7 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 9.314 ppbv

RT: 16.320 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion:146 Resp: 2110190

Ion Ratio Lower Upper

146 100

111 45.3 22.6 67.8

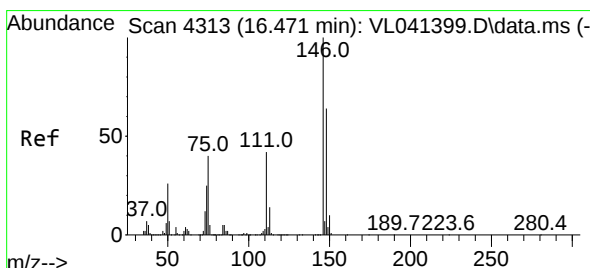
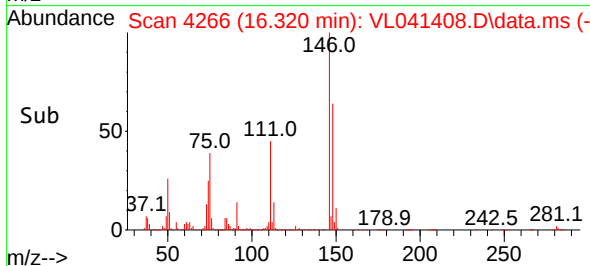
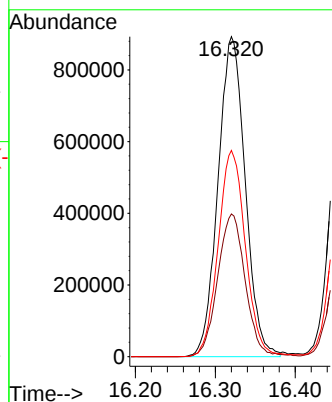
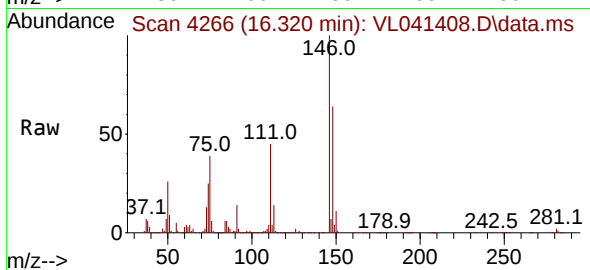
148 64.7 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#76

1,4-Dichlorobenzene

Concen: 9.416 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. -0.010 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

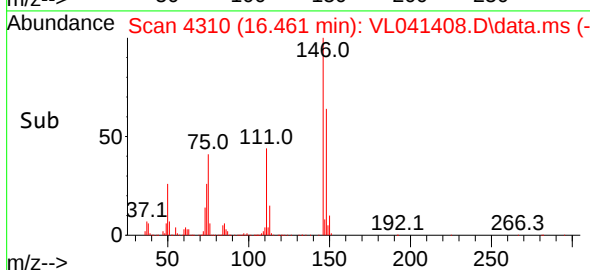
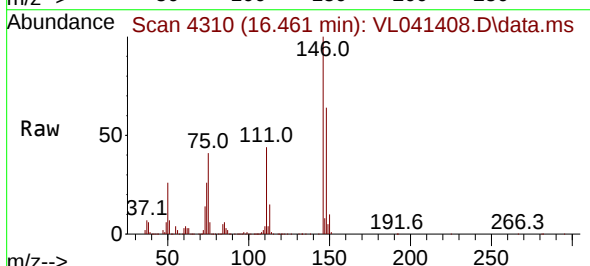
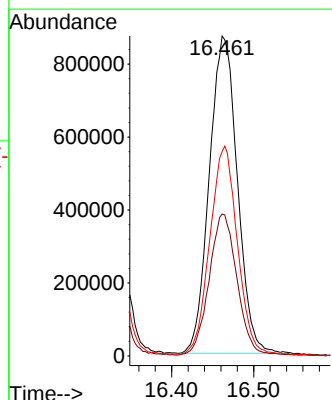
Tgt Ion:146 Resp: 2065705

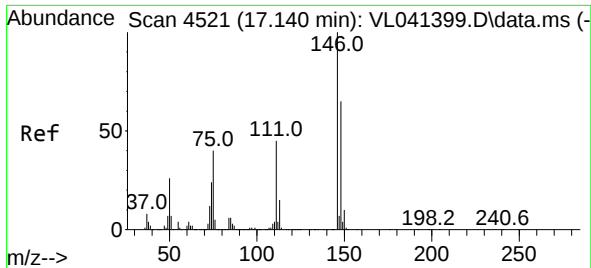
Ion Ratio Lower Upper

146 100

111 44.8 22.4 67.0

148 66.4 33.1 99.5





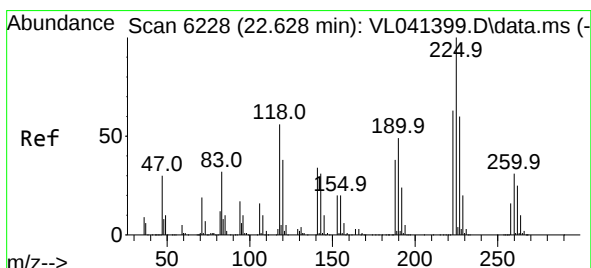
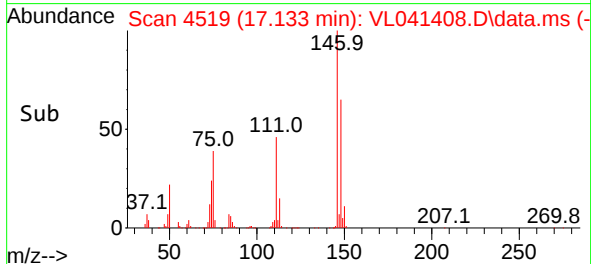
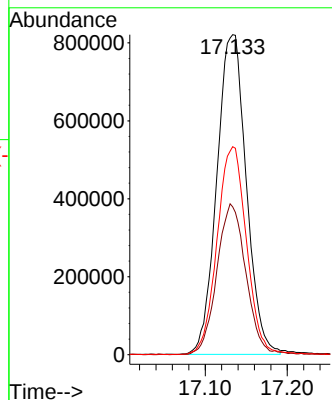
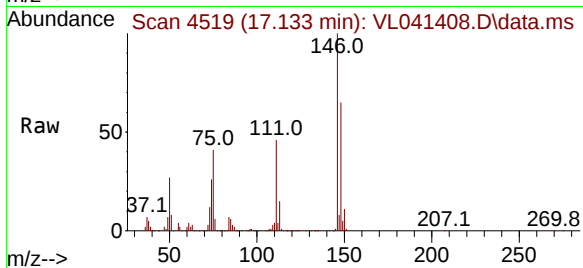
#77
1,2-Dichlorobenzene
Concen: 9.116 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.006 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABS01

Tgt Ion:146 Resp: 204752
Ion Ratio Lower Upper
146 100
111 46.6 23.4 70.0
148 65.2 32.2 96.6

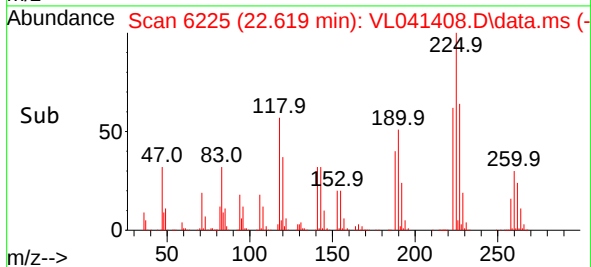
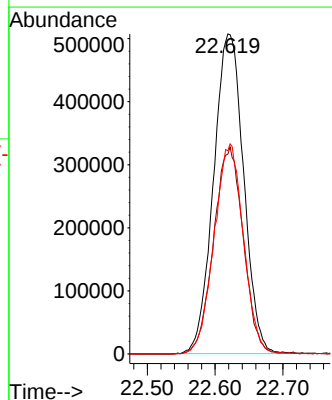
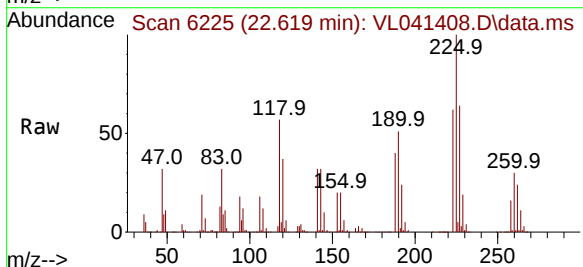
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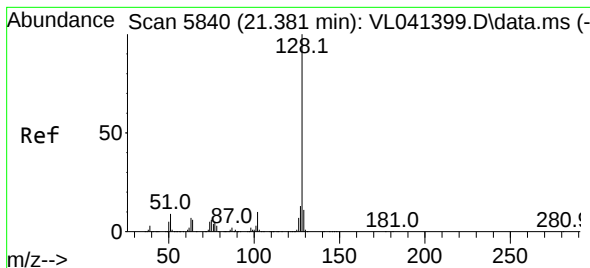
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#78
Hexachloro-1,3-Butadiene
Concen: 8.148 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.010 min
Lab File: VL041408.D
Acq: 25 Jul 2024 21:38

Tgt Ion:225 Resp: 1560647
Ion Ratio Lower Upper
225 100
223 63.9 50.6 76.0
227 64.3 50.8 76.2





#79

Naphthalene

Concen: 11.143 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. -0.010 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

Instrument :

MSVOA_L

ClientSampleId :

VL0725ABS01

Tgt Ion:128 Resp: 354474

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

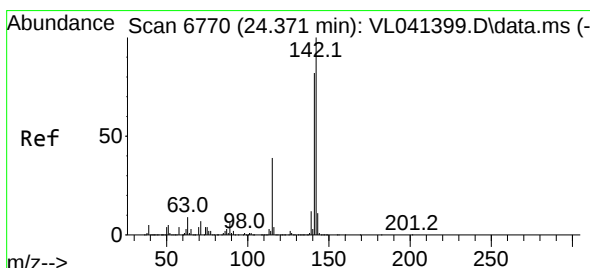
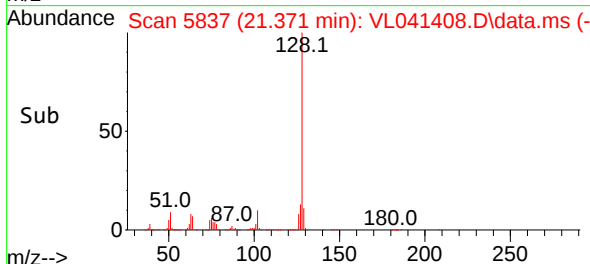
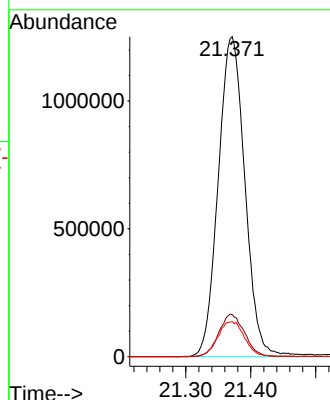
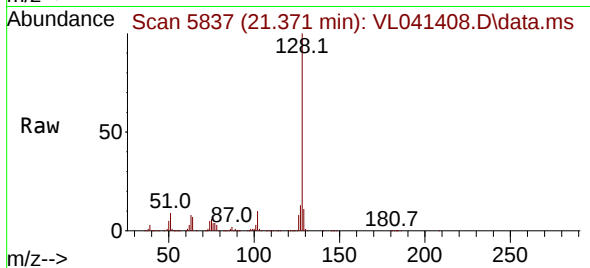
129 11.0 9.0 13.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#80

Naphthalene,2-methyl-

Concen: 11.953 ppbv

RT: 24.361 min Scan# 6767

Delta R.T. -0.010 min

Lab File: VL041408.D

Acq: 25 Jul 2024 21:38

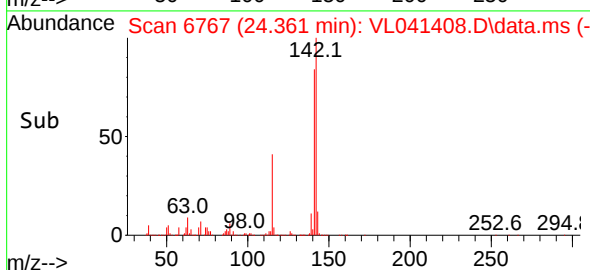
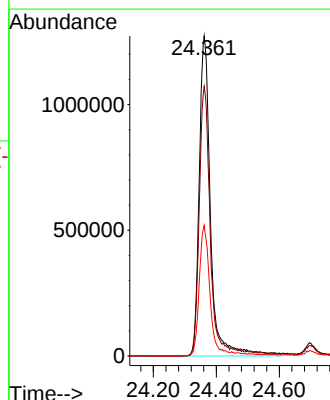
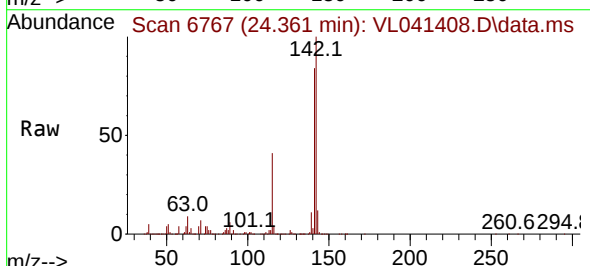
Tgt Ion:142 Resp: 3187312

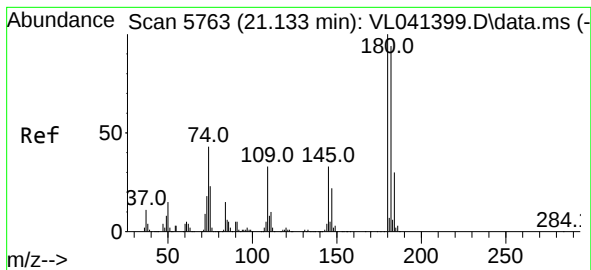
Ion Ratio Lower Upper

142 100

141 84.0 67.0 100.4

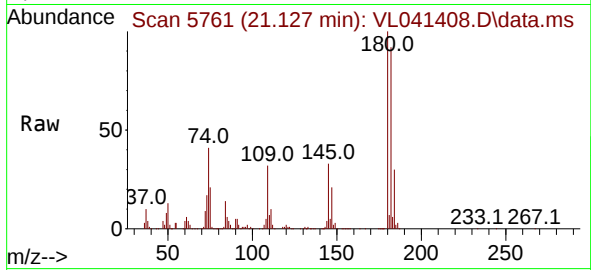
115 40.3 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.688 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VL041408.D
 Acq: 25 Jul 2024 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0725ABS01



Tgt Ion:180 Resp: 1834015

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.7	115.1
184	30.7	24.5	36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

