

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042054.D
 Acq On : 26 Feb 2025 11:07
 Operator : SY/MD
 Sample : VL0226ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01

Quant Time: Feb 27 00:26:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

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

Internal Standards						
1) Bromochloromethane	2.797	49	153181	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	369057	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	318885	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 257152 10.482 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	154942	9.727	ppbv	100
3) Chlorodifluoromethane	1.480	51	208345	9.358	ppbv	100
4) Chloromethane	1.538	50	53585	9.097	ppbv	99
5) Vinyl Chloride	1.583	62	54944	9.861	ppbv	96
6) Bromomethane	1.674	94	25364	9.560	ppbv	96
7) Chloroethane	1.709	64	21007	9.279	ppbv	88
8) Dichlorotetrafluoroethane	1.557	85	125091	9.553	ppbv	98
9) Propene	1.486	41	83500	9.206	ppbv	99
10) Heptane	5.001	43	256046	9.067	ppbv	99
11) Trichlorofluoromethane	1.884	101	154527	9.682	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.146	101	124837	9.805	ppbv	96
13) Ethanol	1.726	45	3000	5.211	ppbv	92
14) Bromoethene	1.787	108	43051	9.576	ppbv	99
15) Acetone	1.842	43	116404	8.605	ppbv	100
16) 1,3-Butadiene	1.612	39	57319	9.105	ppbv	99
17) tert-Butyl alcohol	2.049	59	156939	9.273	ppbv	99
18) 1,1-Dichloroethene	2.039	96	53389	9.281	ppbv	86
19) Isopropyl Alcohol	1.891	45	68899	8.867	ppbv	100
20) Methylene Chloride	2.069	84	46174	9.024	ppbv	93
21) Allyl Chloride	2.101	41	92702	9.484	ppbv	99
22) trans-1,2-Dichloroethene	2.347	96	61477	9.167	ppbv	99
23) Vinyl Acetate	2.470	43	80476	8.461	ppbv	98
24) 1,1-Dichloroethane	2.415	63	119185	9.551	ppbv	99
25) Ethyl Acetate	2.845	43	509260	9.405	ppbv	100
26) Hexane	2.836	57	194754	8.897	ppbv	94
27) Carbon Disulfide	2.156	76	144095	9.711	ppbv #	91
28) Methyl tert-Butyl Ether	2.451	73	106845	9.804	ppbv	99
29) Chloroform	2.858	83	266332	9.040	ppbv	98
30) Cyclohexane	3.871	84	158311	8.910	ppbv	94
31) cis-1,2-Dichloroethene	2.729	61	193240	9.325	ppbv	94
32) 1,1,1-Trichloroethane	3.379	97	262261	9.177	ppbv	96
34) 2-Butanone	2.567	43	292802	10.184	ppbv	97
35) Carbon Tetrachloride	3.778	117	262129	10.300	ppbv	95
36) Benzene	3.671	78	375533	9.720	ppbv	95
37) 1,2-Dichloroethane	3.231	62	218716	10.211	ppbv	98
38) Trichloroethene	4.567	130	143714	9.110	ppbv	95
39) 1,2-Dichloropropane	4.331	63	146117	9.964	ppbv	99
40) 1,4-Dioxane	4.603	88	65661	9.809	ppbv #	96
41) Tetrahydrofuran	3.066	42	172429	10.150	ppbv	98
42) Bromodichloromethane	4.506	83	289453	10.029	ppbv	100
43) Methyl Methacrylate	4.904	69	151059	10.012	ppbv	95
44) 2,2,4-Trimethylpentane	4.658	57	684336	10.036	ppbv	99
45) t-1,3-Dichloropropene	6.441	75	147062	9.811	ppbv	94

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 00:26:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.626	75	191420	9.868	ppbv	98
47) 1,1,2-Trichloroethane	6.603	97	139001	9.337	ppbv	97
48) Dibromochloromethane	7.406	129	228694	9.808	ppbv	100
49) Bromoform	9.497	173	194002	9.581	ppbv	99
50) 4-Methyl-2-Pentanone	5.775	43	407870	10.969	ppbv	98
51) 2-Hexanone	7.454	43	327784	12.808	ppbv #	99
52) Tetrachloroethene	8.241	164	123860	9.365	ppbv	95
53) Toluene	6.953	91	418086	9.683	ppbv	98
54) 1,2-Dibromoethane	7.671	107	190454	9.462	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.940	131	171980	9.542	ppbv	100
57) Chlorobenzene	8.937	112	313487	9.482	ppbv	98
58) Ethyl Benzene	9.370	91	575798	9.805	ppbv	99
59) m/p-Xylene	9.565	91	909392m	19.459	ppbv	
60) o-Xylene	9.976	91	450481	9.588	ppbv	100
61) Styrene	9.882	104	218205	9.879	ppbv	100
62) Isopropylbenzene	10.552	105	678100	9.637	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.976	83	295251	9.543	ppbv	99
64) n-propylbenzene	10.999	120	178544	9.674	ppbv	95
65) tert-Butylbenzene	11.542	119	599970	9.369	ppbv	98
66) Benzyl Chloride	11.630	91	44022	9.009	ppbv	97
67) sec-Butylbenzene	11.779	105	863022	9.423	ppbv	99
69) p-Isopropyltoluene	11.937	119	715231	9.816	ppbv	99
70) n-Butylbenzene	12.293	91	744799	10.014	ppbv	99
71) 2-Chlorotoluene	10.914	91	520897	9.603	ppbv	99
72) 4-Ethyltoluene	11.138	105	558376	9.734	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	475566	9.557	ppbv	98
74) 1,2,4-Trimethylbenzene	11.549	105	520419	9.288	ppbv	99
75) 1,3-Dichlorobenzene	11.620	146	302808	9.390	ppbv	98
76) 1,4-Dichlorobenzene	11.685	146	298128	9.311	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	293043	9.364	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	216968	8.911	ppbv	99
79) Naphthalene	13.523	128	476359	12.399	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	187061	17.792	ppbv	98
81) 1,2,4-Trichlorobenzene	13.452	180	218258	10.194	ppbv	99

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

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Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

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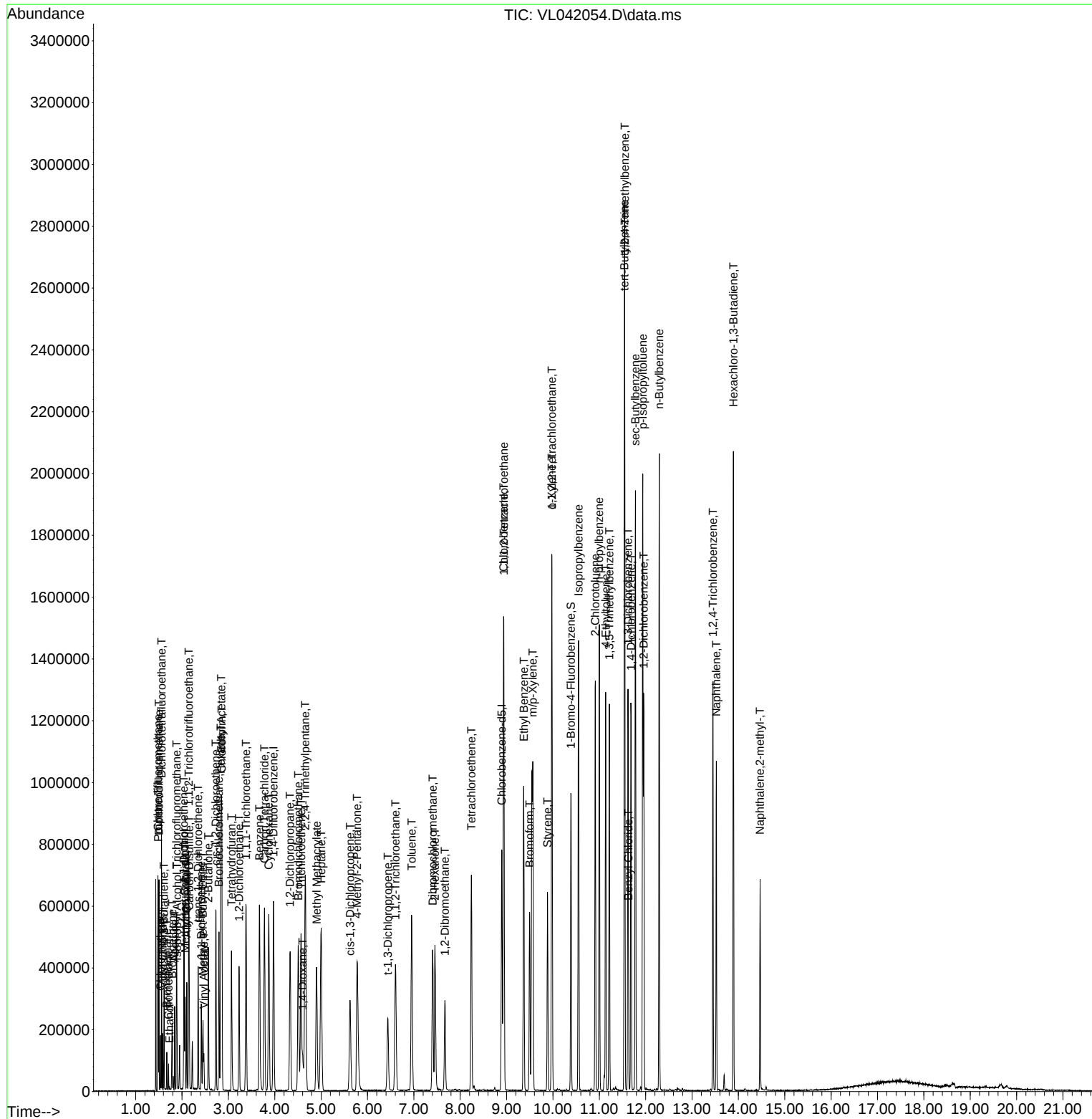
Quant Time: Feb 27 00:26:21 2025

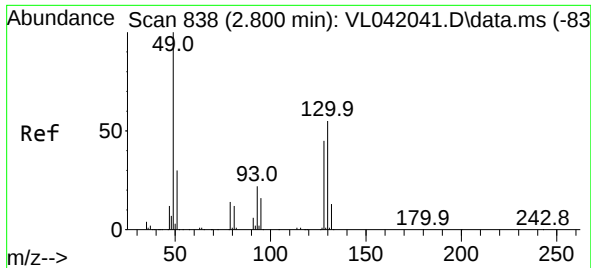
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

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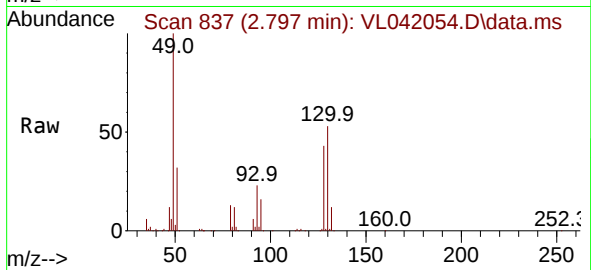
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 838
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

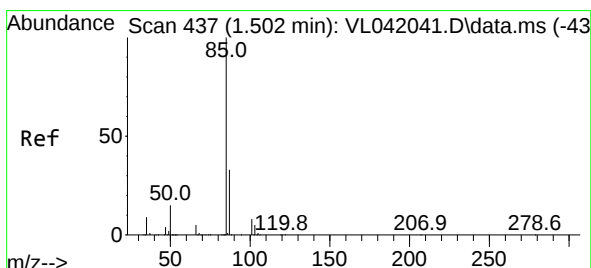
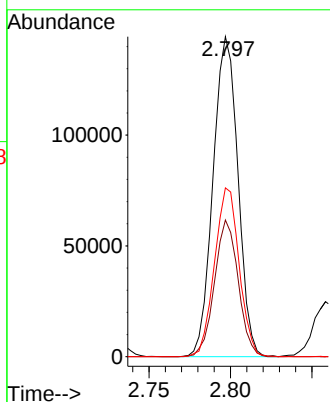
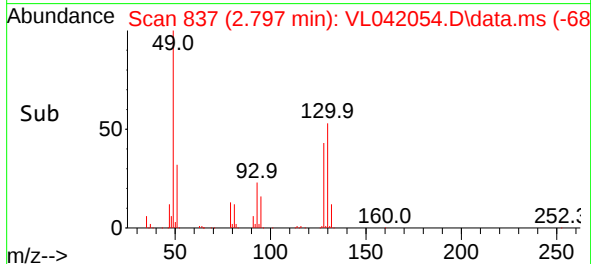
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



Tgt Ion: 49 Resp: 15318
Ion Ratio Lower Upper
49 100
128 40.7 21.6 64.8
130 52.2 27.8 83.4

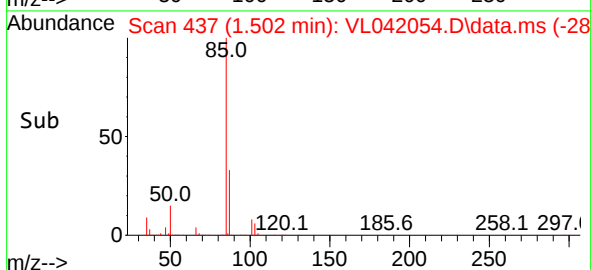
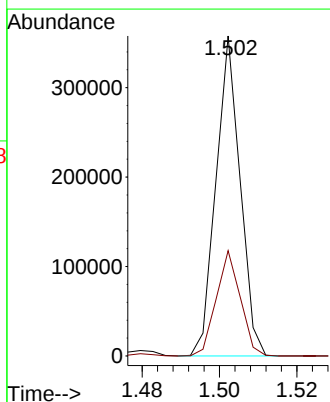
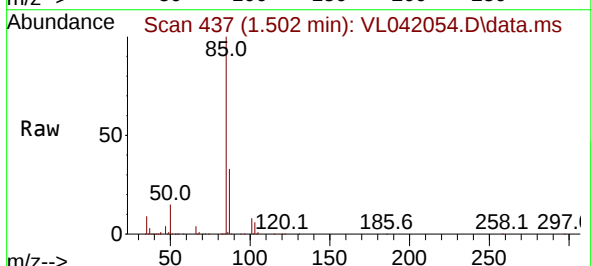
Manual Integrations
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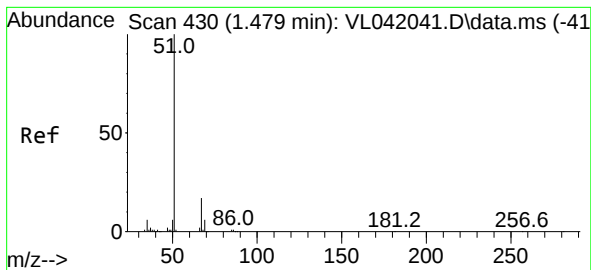
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#2
Dichlorodifluoromethane
Concen: 9.727 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Tgt Ion: 85 Resp: 154942
Ion Ratio Lower Upper
85 100
87 32.9 26.4 39.6





#3

Chlorodifluoromethane

Concen: 9.358 ppbv

RT: 1.480 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042054.D

Acq: 26 Feb 2025 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0226ABS01

Tgt Ion: 51 Resp: 20834

Ion Ratio Lower Upper

51 100

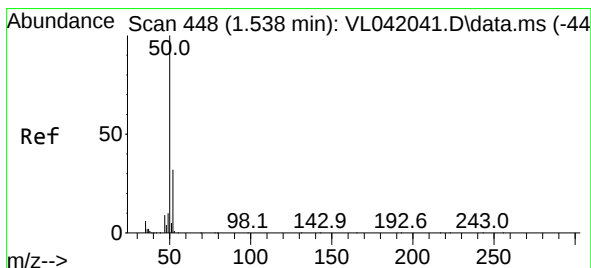
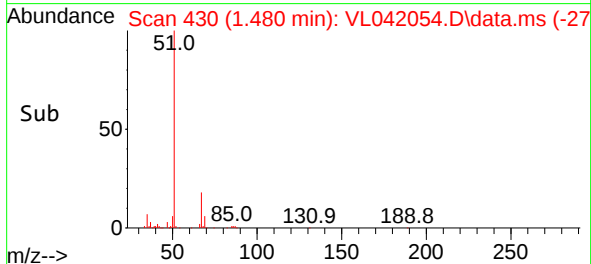
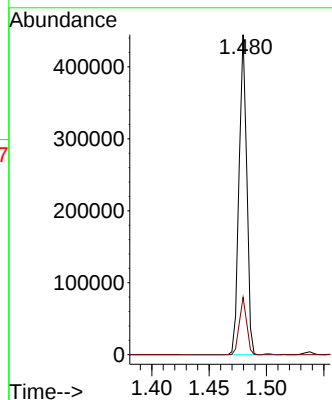
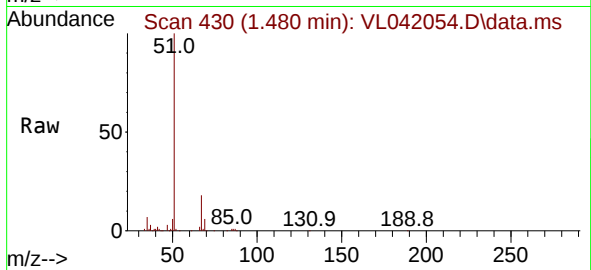
67 17.3 13.7 20.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#4

Chloromethane

Concen: 9.097 ppbv

RT: 1.538 min Scan# 448

Delta R.T. 0.000 min

Lab File: VL042054.D

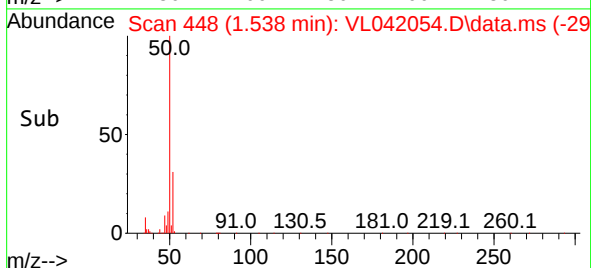
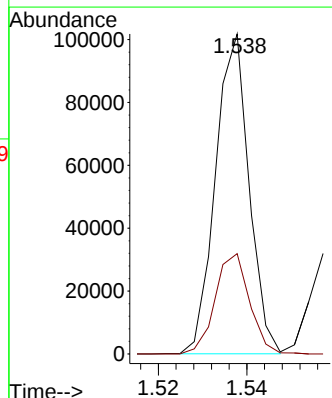
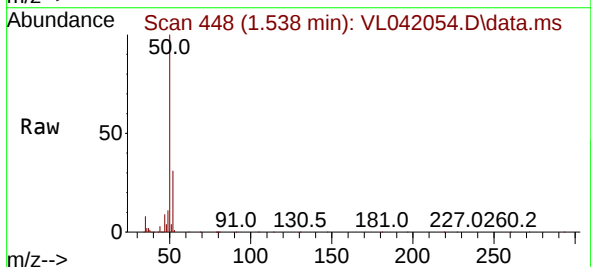
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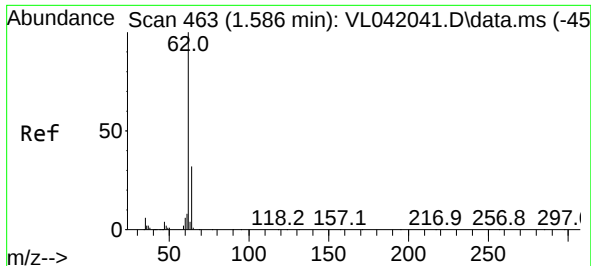
Tgt Ion: 50 Resp: 53585

Ion Ratio Lower Upper

50 100

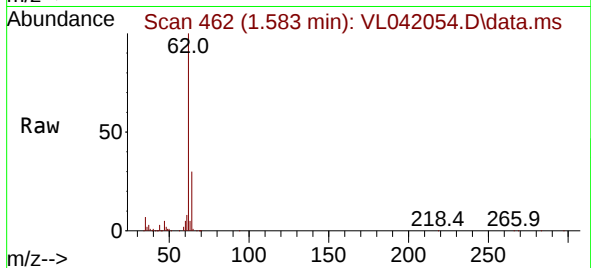
52 31.4 25.4 38.0





#5
 Vinyl Chloride
 Concen: 9.861 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

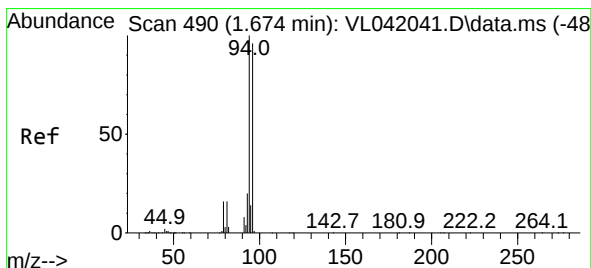
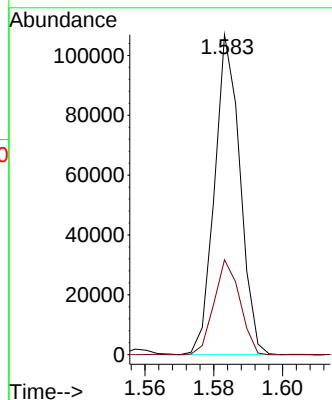
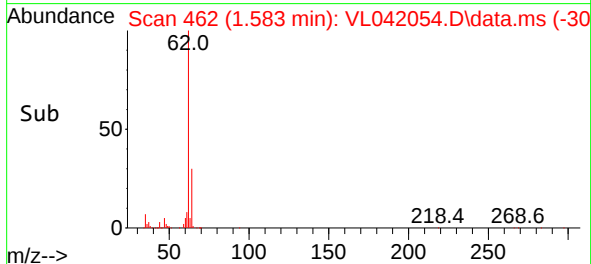
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01



Tgt Ion: 62 Resp: 54944
 Ion Ratio Lower Upper
 62 100
 64 29.6 25.3 37.9

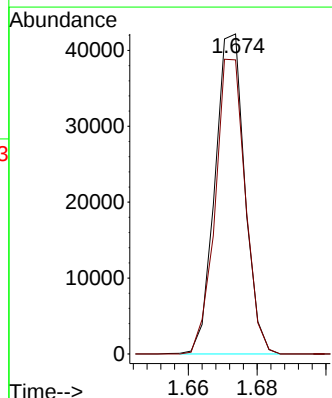
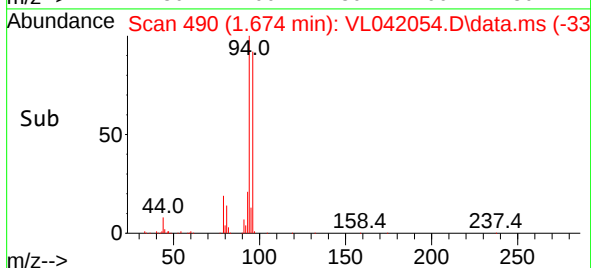
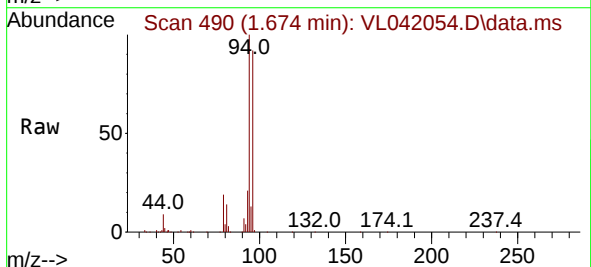
Manual Integrations
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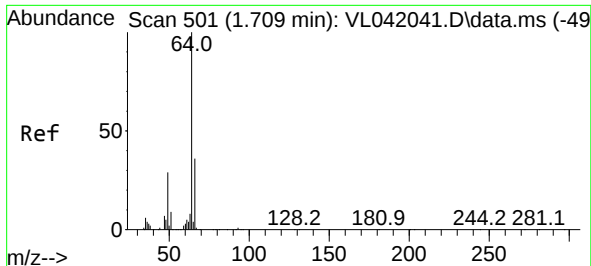
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#6
 Bromomethane
 Concen: 9.560 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

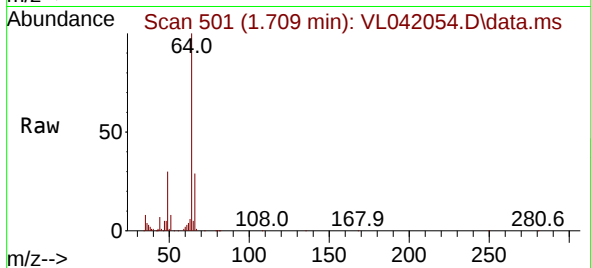
Tgt Ion: 94 Resp: 25364
 Ion Ratio Lower Upper
 94 100
 96 91.9 76.5 114.7





#7
Chloroethane
Concen: 9.279 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

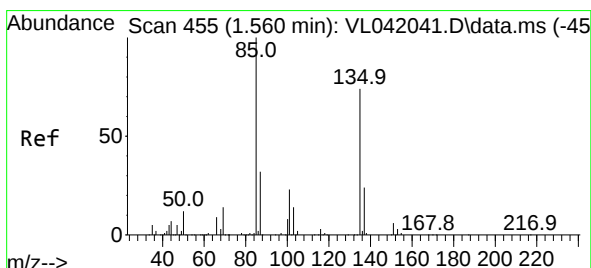
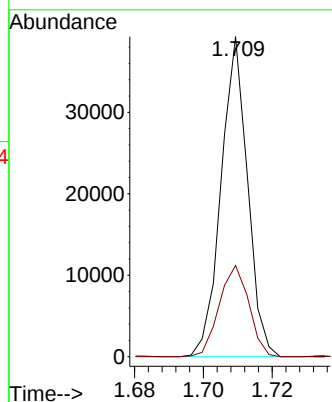
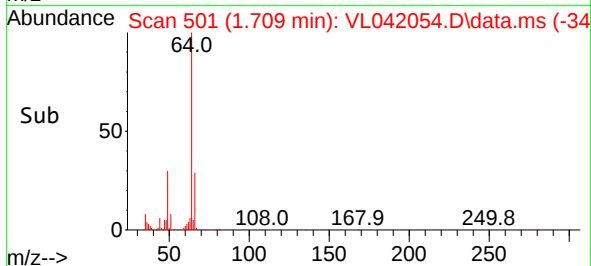
Instrument :
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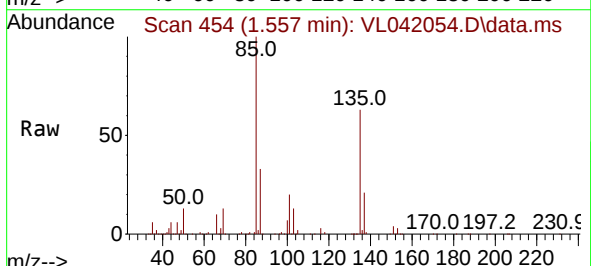
Tgt Ion: 64 Resp: 2100
Ion Ratio Lower Upper
64 100
66 28.5 28.4 42.6

Manual Integrations
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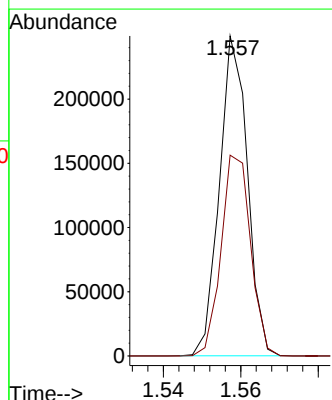
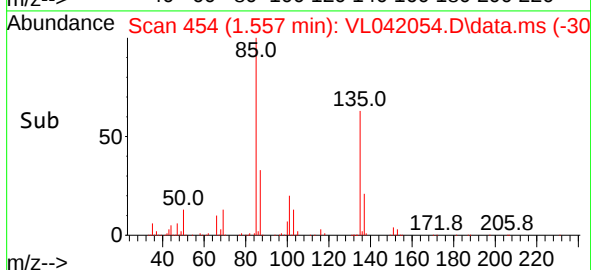
Reviewed By :Semsettin Yesilyurt 02/27/2025
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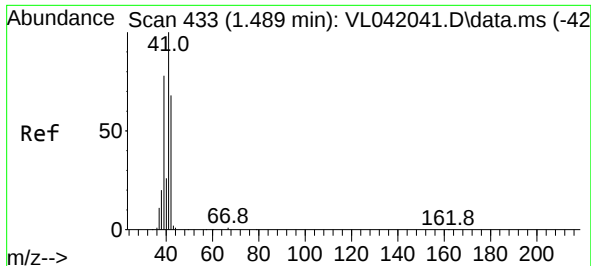


#8
Dichlorotetrafluoroethane
Concen: 9.553 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07



Tgt Ion: 85 Resp: 125091
Ion Ratio Lower Upper
85 100
135 66.3 54.6 81.8





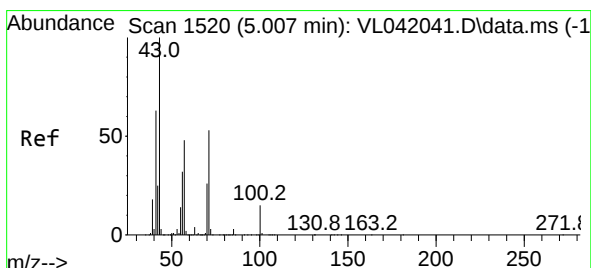
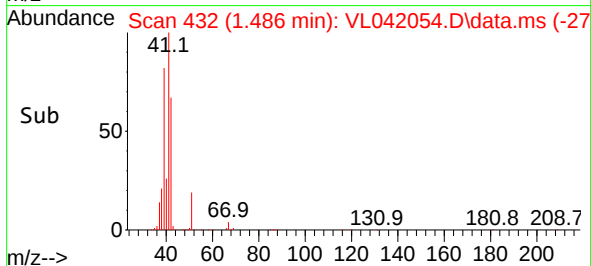
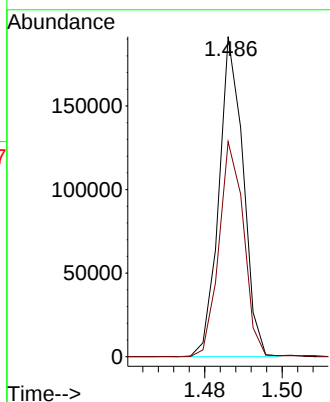
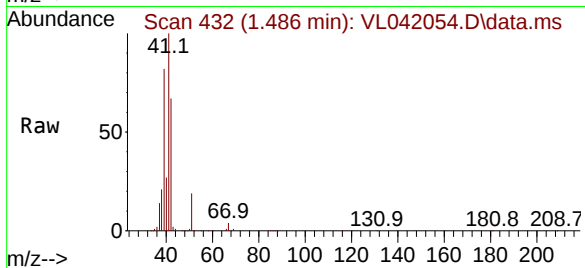
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 Propene
 Concen: 9.206 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01

Tgt Ion: 41 Resp: 83500
 Ion Ratio Lower Upper
 41 100
 42 68.6 55.8 83.6

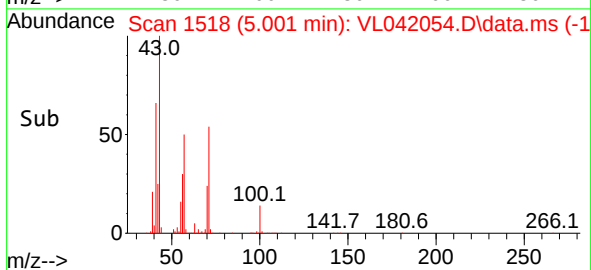
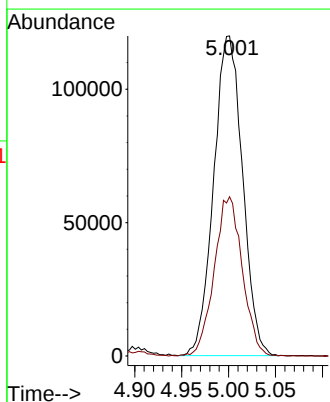
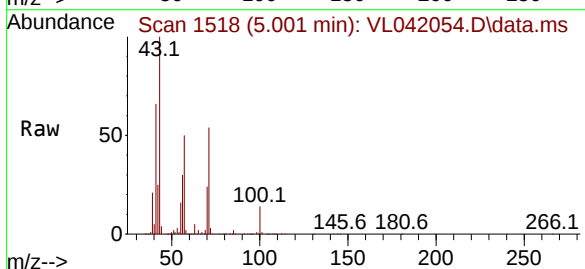
Manual Integrations
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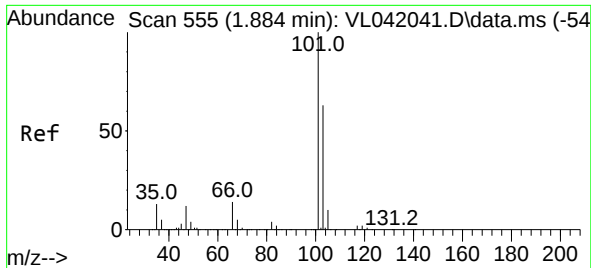
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#10
 Heptane
 Concen: 9.067 ppbv
 RT: 5.001 min Scan# 1518
 Delta R.T. -0.006 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

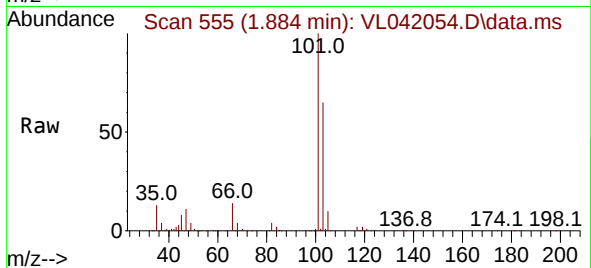
Tgt Ion: 43 Resp: 256046
 Ion Ratio Lower Upper
 43 100
 57 48.4 39.4 59.0





#11
 Trichlorofluoromethane
 Concen: 9.682 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

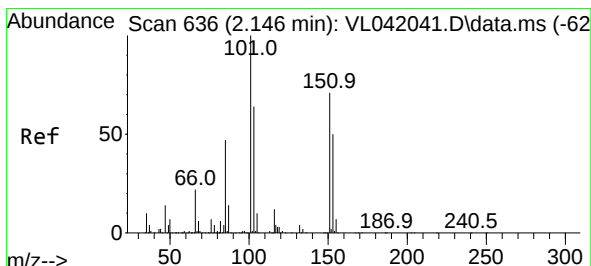
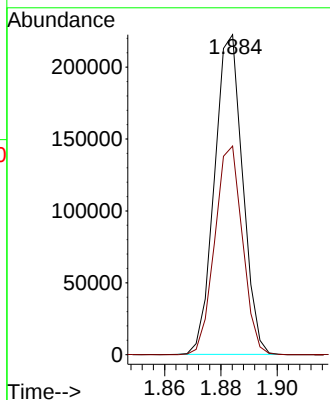
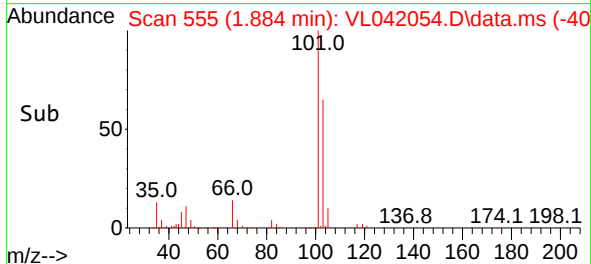
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01



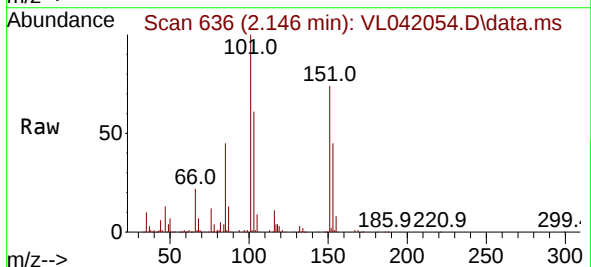
Tgt Ion:101 Resp: 154527
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.6 75.8

Manual Integrations
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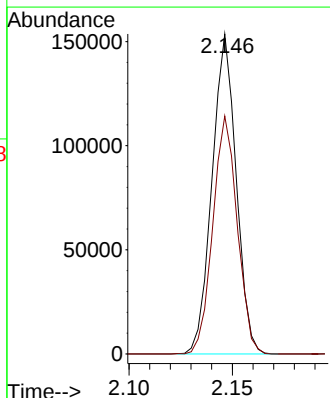
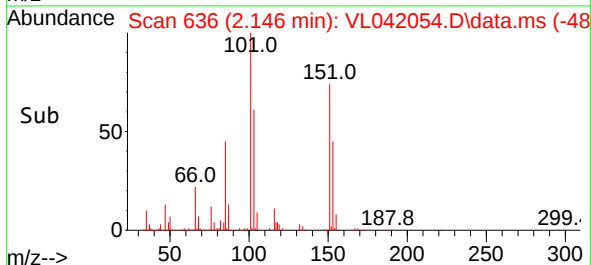
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

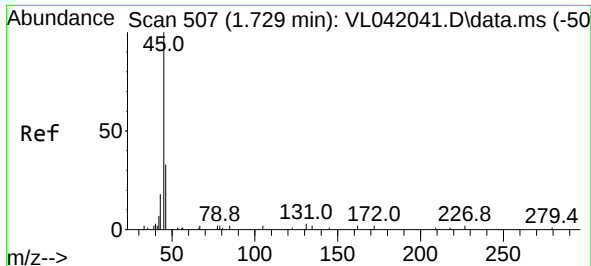


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.805 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.000 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07



Tgt Ion:101 Resp: 124837
 Ion Ratio Lower Upper
 101 100
 151 75.1 62.6 94.0





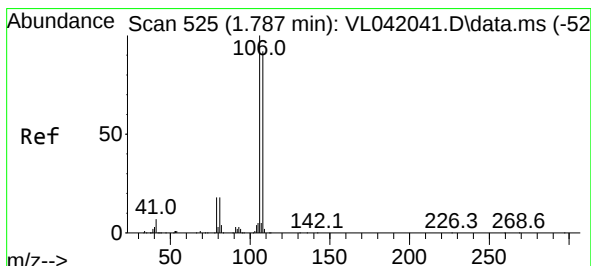
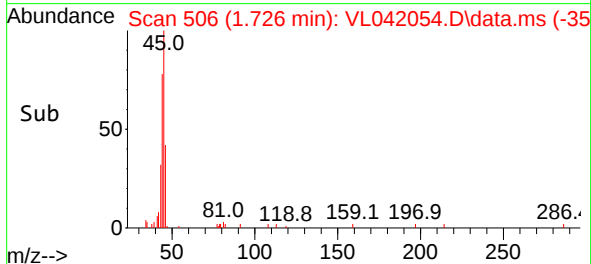
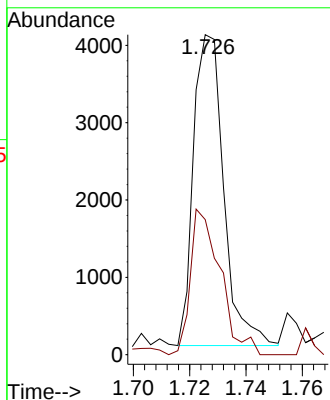
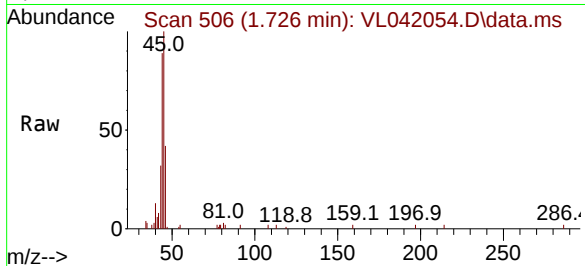
#13
Ethanol
Concen: 5.211 ppbv
RT: 1.726 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01

Tgt Ion: 45 Resp: 3000
Ion Ratio Lower Upper
45 100
46 48.0 17.1 68.3

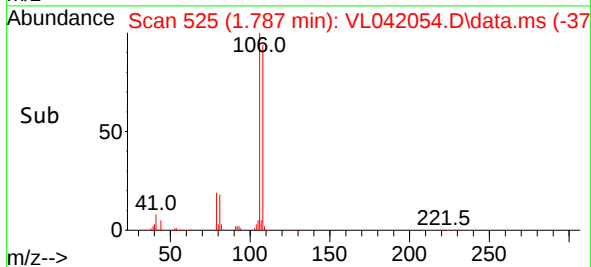
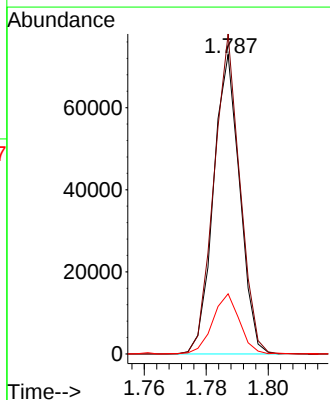
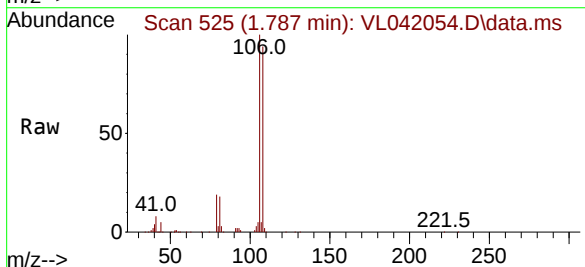
Manual Integrations
APPROVED

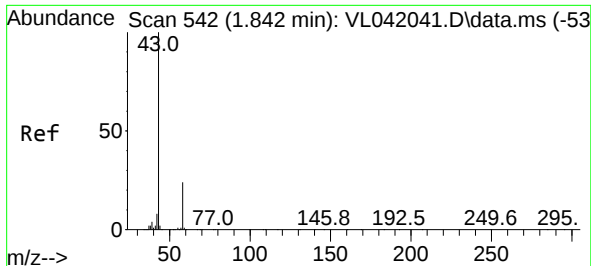
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#14
Bromoethene
Concen: 9.576 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

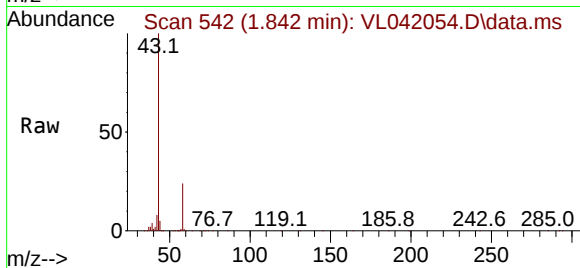
Tgt Ion:108 Resp: 43051
Ion Ratio Lower Upper
108 100
106 105.1 85.4 128.0
79 20.8 16.5 24.7





#15
Acetone
Concen: 8.605 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

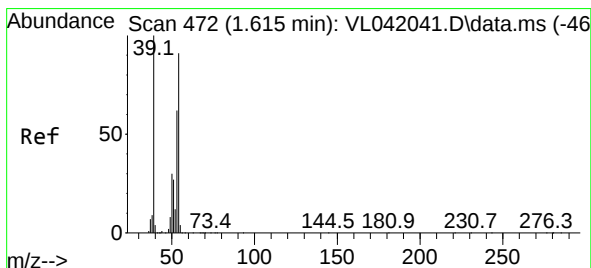
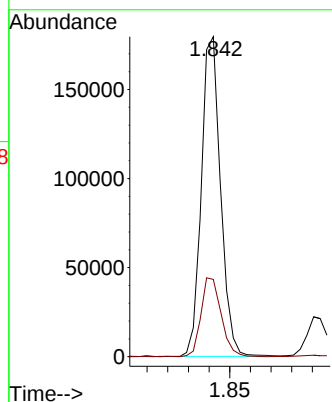
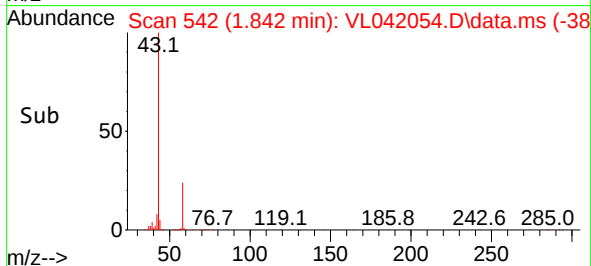
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



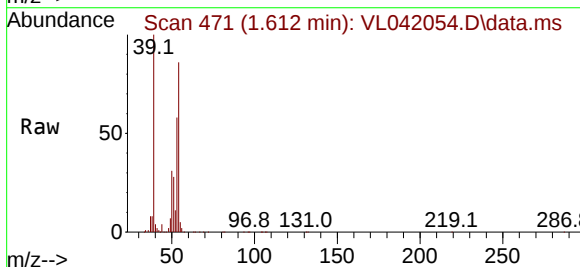
Tgt Ion: 43 Resp: 116404
Ion Ratio Lower Upper
43 100
58 26.0 20.7 31.1

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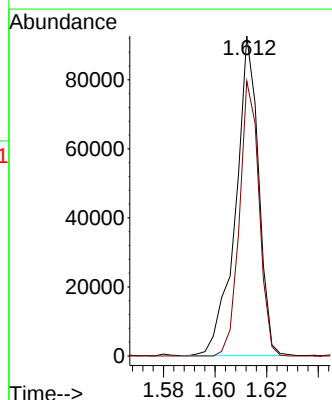
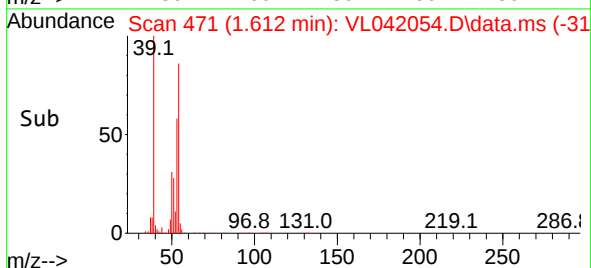
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

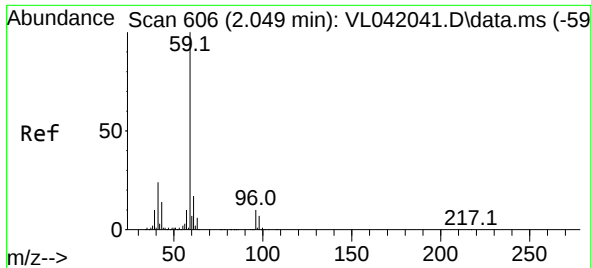


#16
1,3-Butadiene
Concen: 9.105 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07



Tgt Ion: 39 Resp: 57319
Ion Ratio Lower Upper
39 100
54 73.3 59.6 89.4





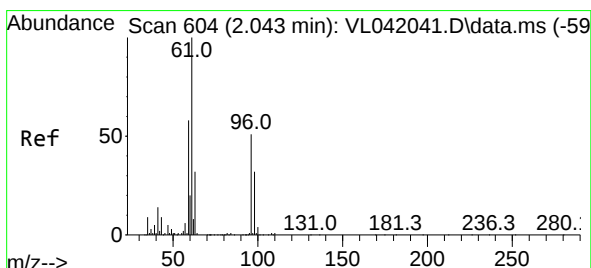
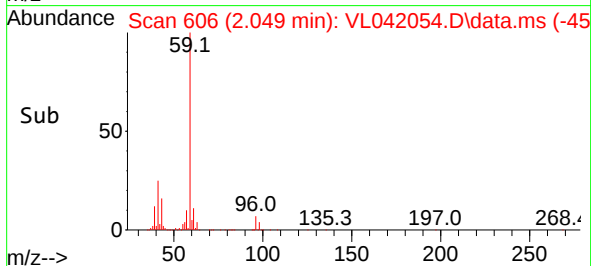
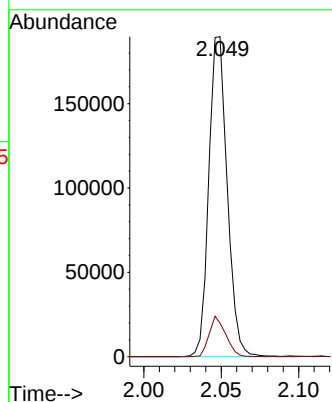
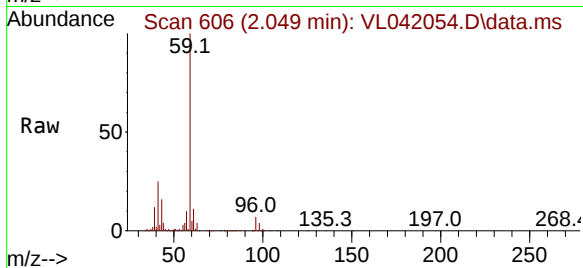
#17
tert-Butyl alcohol
Concen: 9.273 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.000 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01

Tgt Ion: 59 Resp: 156939
Ion Ratio Lower Upper
59 100
57 11.4 9.3 13.9

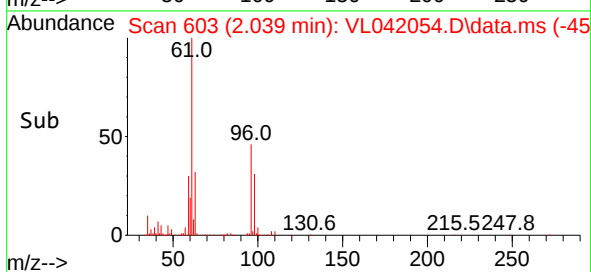
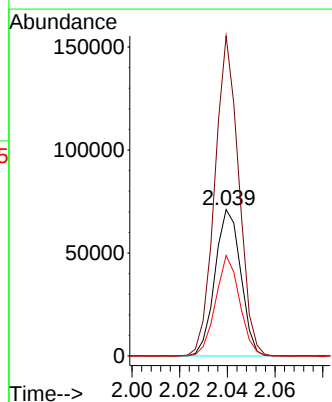
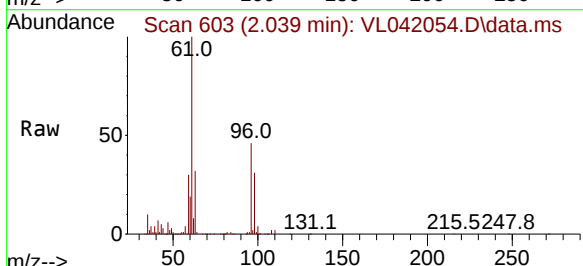
Manual Integrations
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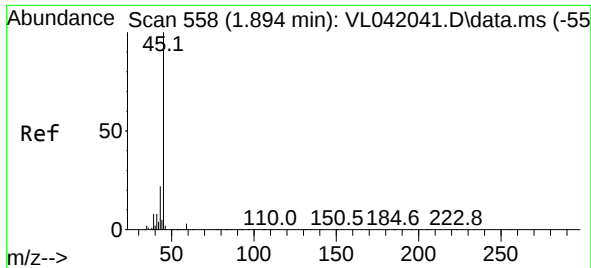
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#18
1,1-Dichloroethene
Concen: 9.281 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Tgt Ion: 96 Resp: 53389
Ion Ratio Lower Upper
96 100
61 218.3 156.0 234.0
98 68.6 49.4 74.2





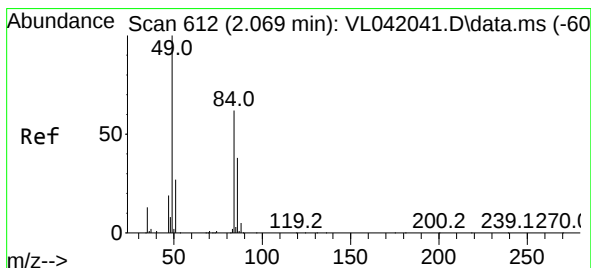
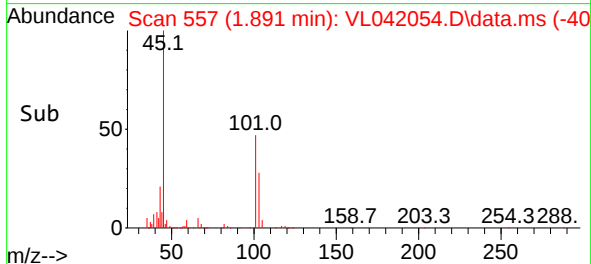
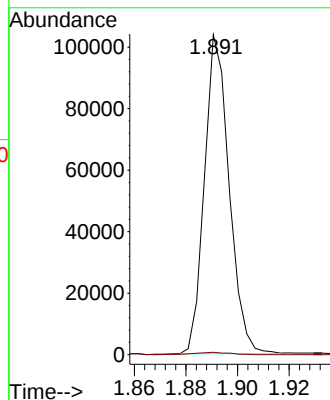
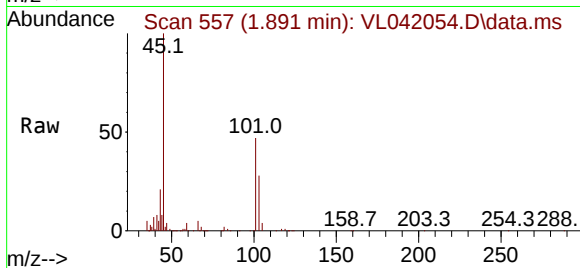
#19
Isopropyl Alcohol
Concen: 8.867 ppbv
RT: 1.891 min Scan# 557
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01

Tgt Ion: 45 Resp: 6889
Ion Ratio Lower Upper
45 100
58 43.9 35.3 52.9

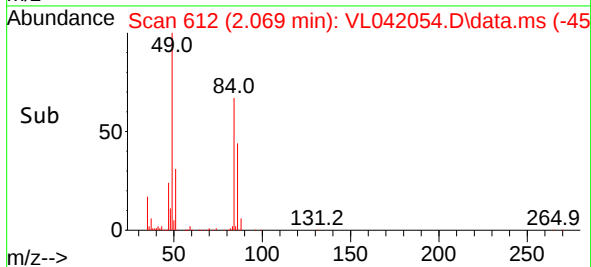
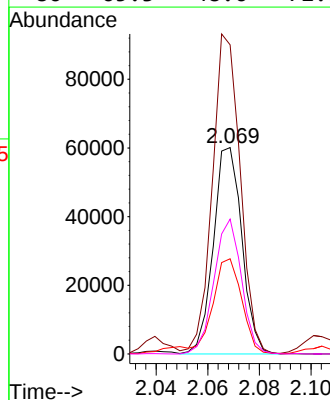
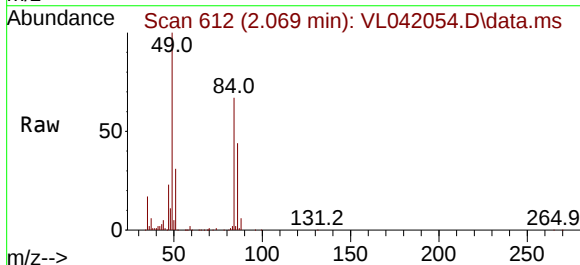
Manual Integrations
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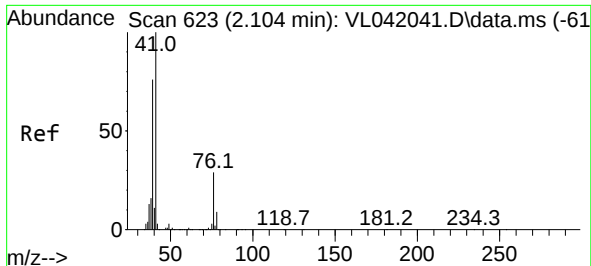
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#20
Methylene Chloride
Concen: 9.024 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Tgt Ion: 84 Resp: 46174
Ion Ratio Lower Upper
84 100
49 149.5 130.0 195.0
51 46.0 37.4 56.0
86 65.3 48.6 72.8





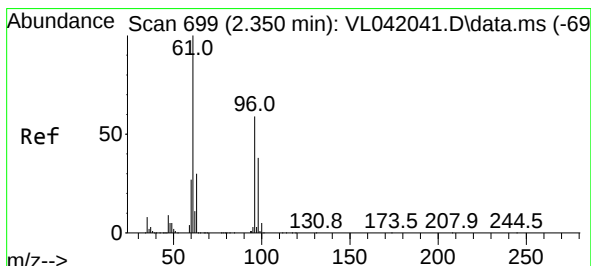
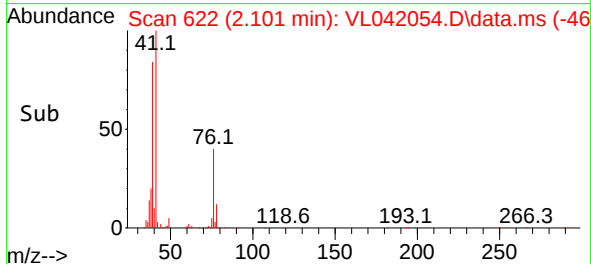
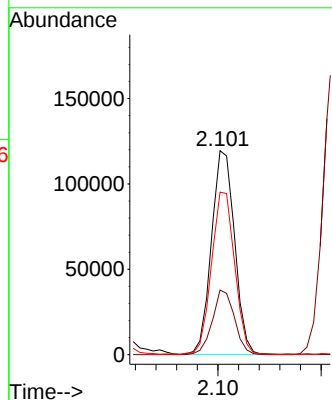
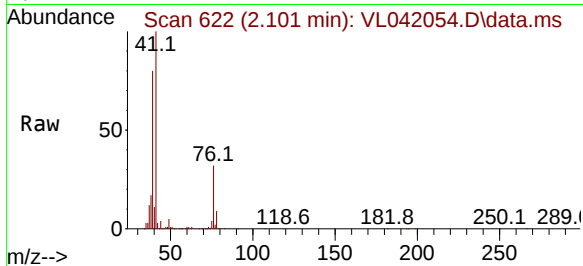
#21
 Allyl Chloride
 Concen: 9.484 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01

Tgt Ion: 41 Resp: 92702
 Ion Ratio Lower Upper
 41 100
 76 30.4 23.8 35.6
 39 80.5 63.8 95.6

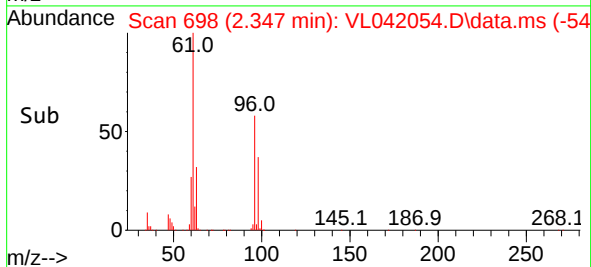
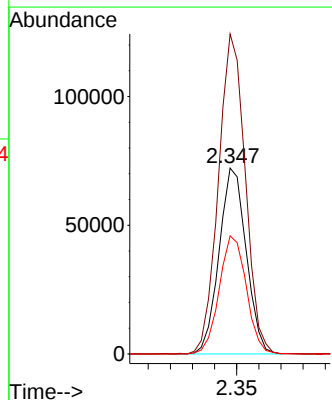
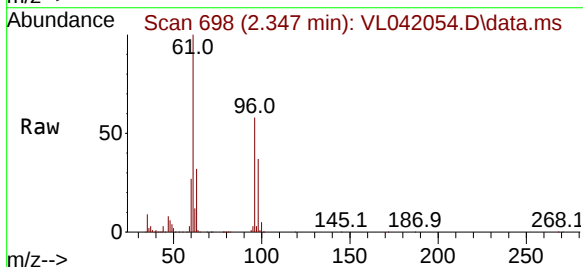
Manual Integrations
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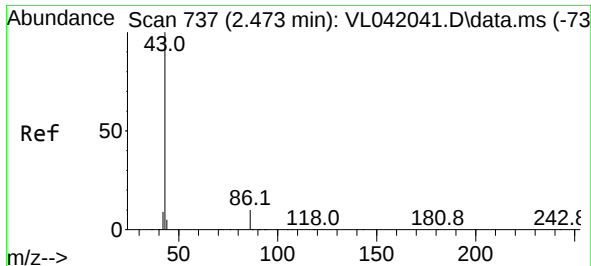
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.167 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

Tgt Ion: 96 Resp: 61477
 Ion Ratio Lower Upper
 96 100
 61 171.9 136.6 205.0
 98 63.5 51.8 77.6





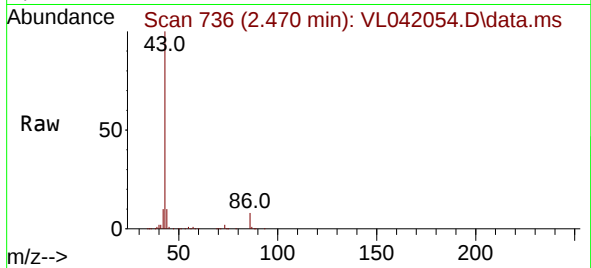
#23
 Vinyl Acetate
 Concen: 8.461 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0226ABS01

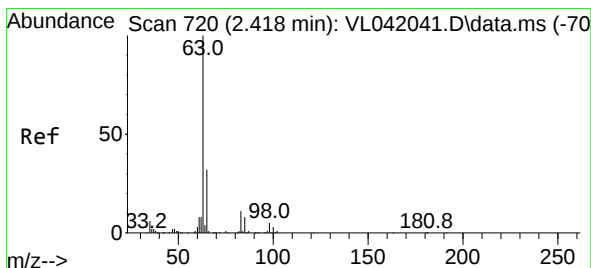
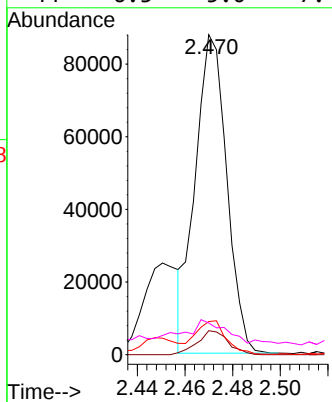
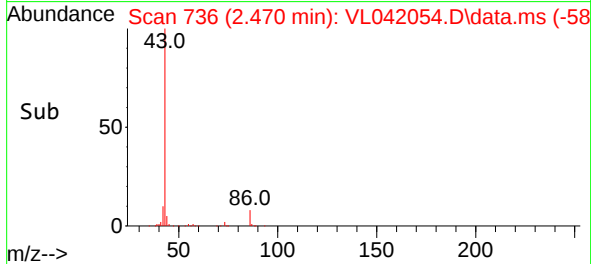


Tgt Ion: 43 Resp: 80470
 Ion Ratio Lower Upper
 43 100
 86 7.6 7.0 10.4
 42 10.2 7.6 11.4
 44 6.3 5.0 7.4

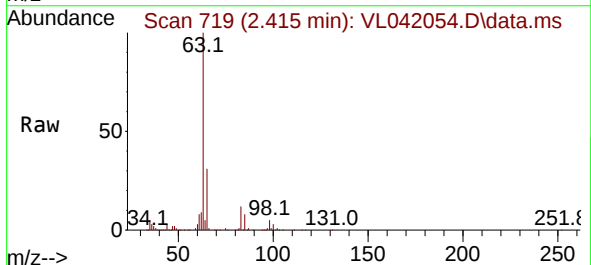
Manual Integrations

APPROVED

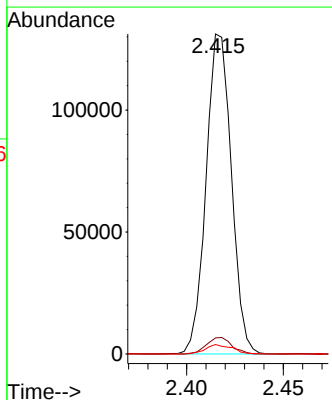
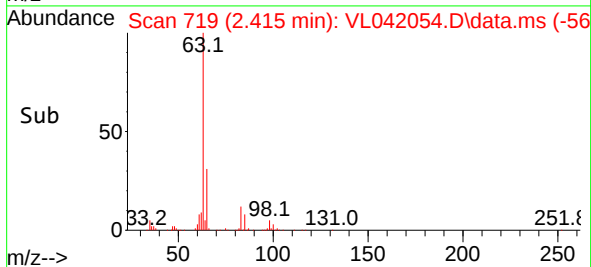
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

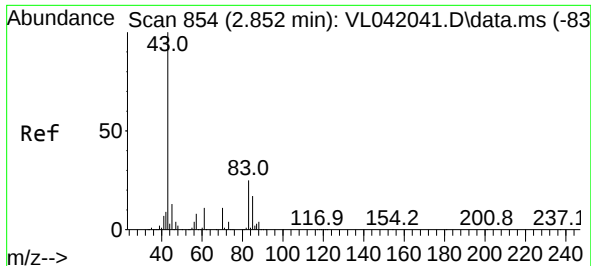


#24
 1,1-Dichloroethane
 Concen: 9.551 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07



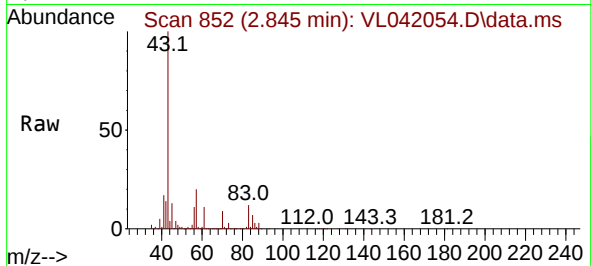
Tgt Ion: 63 Resp: 119185
 Ion Ratio Lower Upper
 63 100
 98 5.0 2.4 7.2
 100 3.0 1.7 5.0





#25
Ethyl Acetate
Concen: 9.405 ppbv
RT: 2.845 min Scan# 848
Delta R.T. -0.006 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

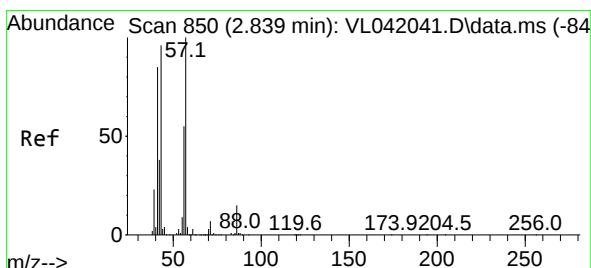
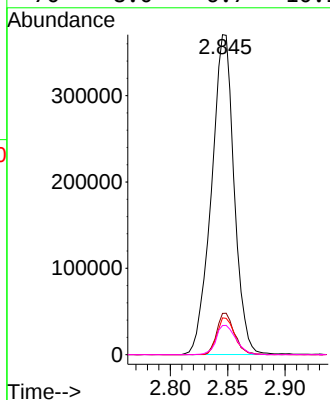
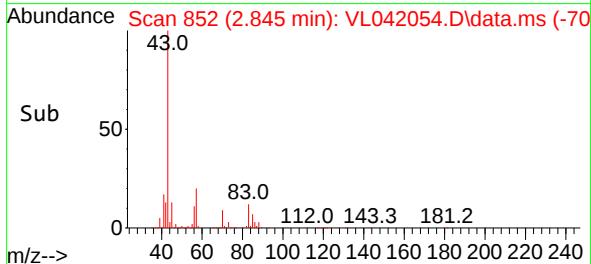
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



Tgt Ion: 43 Resp: 509260
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 9.1 7.2 10.8
70 8.0 6.7 10.1

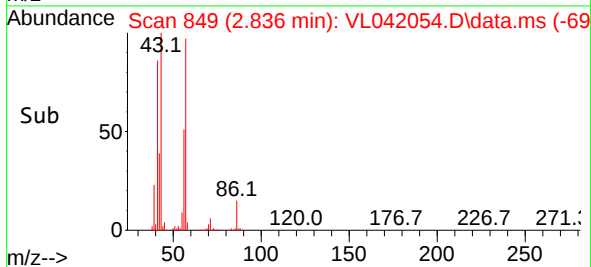
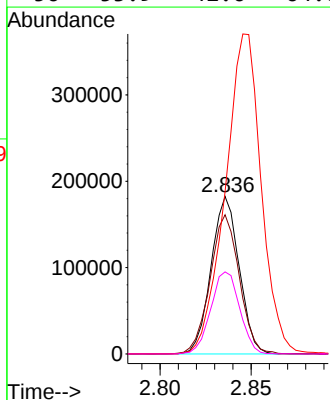
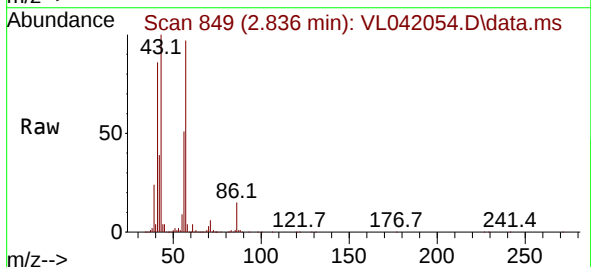
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#26
Hexane
Concen: 8.897 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

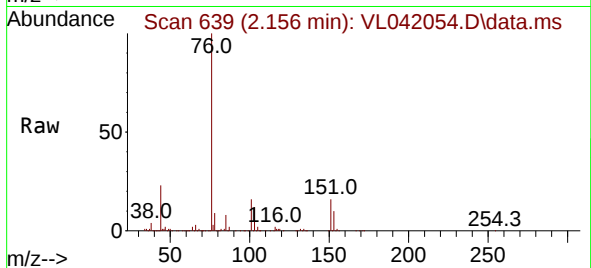
Tgt Ion: 57 Resp: 194754
Ion Ratio Lower Upper
57 100
41 92.8 70.6 106.0
43 262.7 199.4 299.0
56 53.9 42.6 64.0





#27
Carbon Disulfide
Concen: 9.711 ppbv
RT: 2.156 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

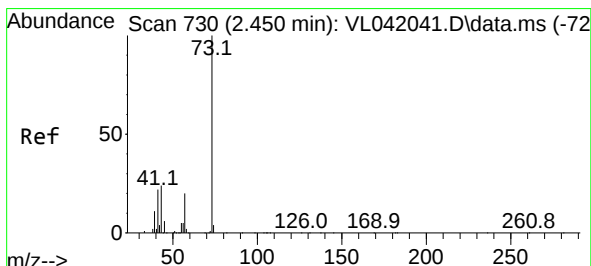
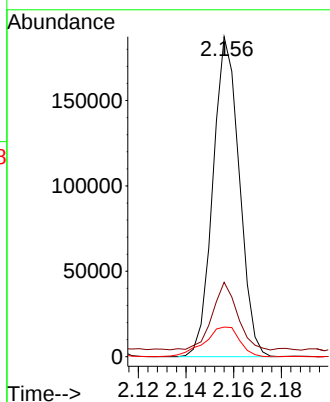
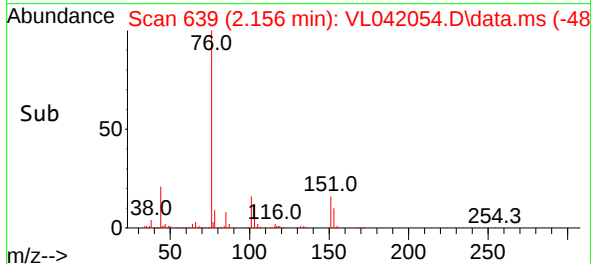
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



Tgt Ion: 76 Resp: 144095
Ion Ratio Lower Upper
76 100
44 26.4 16.2 24.2
78 12.4 9.4 14.0

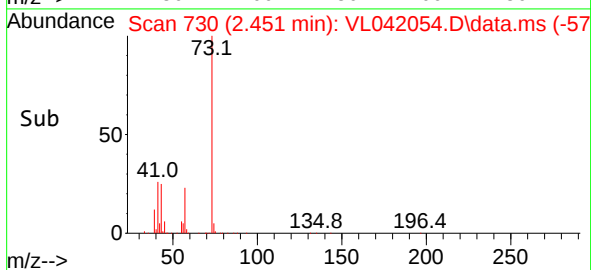
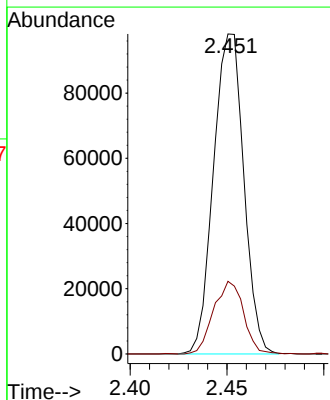
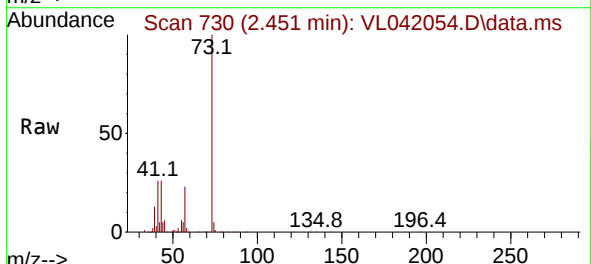
Manual Integrations
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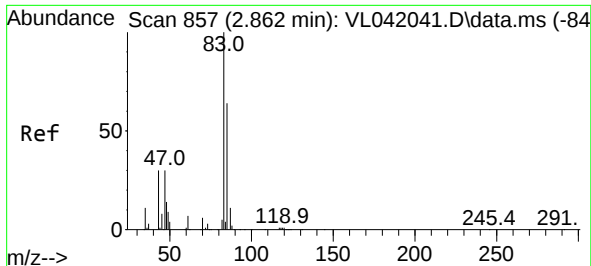
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#28
Methyl tert-Butyl Ether
Concen: 9.804 ppbv
RT: 2.451 min Scan# 730
Delta R.T. 0.000 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Tgt Ion: 73 Resp: 106845
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5





#29

Chloroform

Concen: 9.040 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042054.D

Acq: 26 Feb 2025 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0226ABS01

Tgt Ion: 83 Resp: 26633

Ion Ratio Lower Upper

83 100

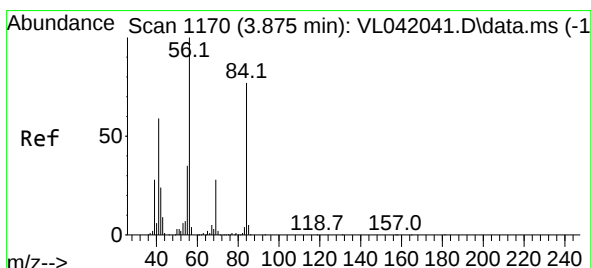
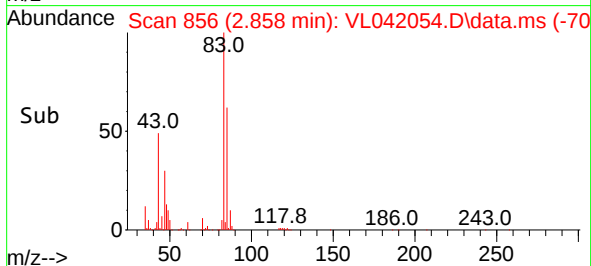
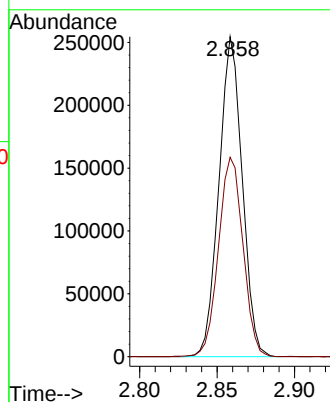
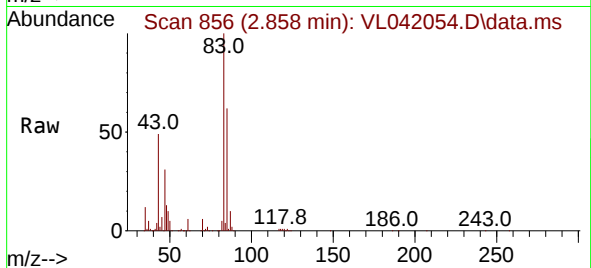
85 62.3 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#30

Cyclohexane

Concen: 8.910 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL042054.D

Acq: 26 Feb 2025 11:07

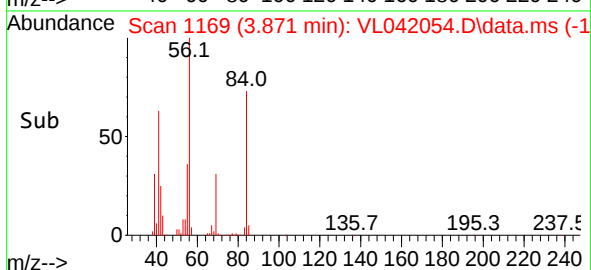
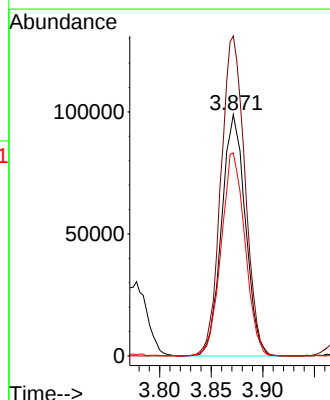
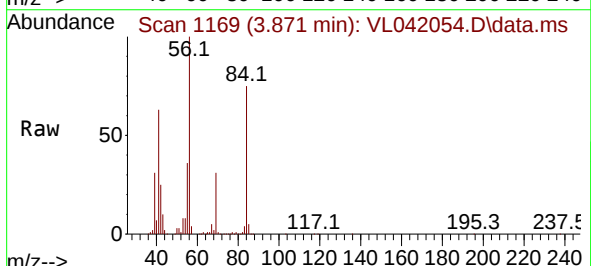
Tgt Ion: 84 Resp: 158311

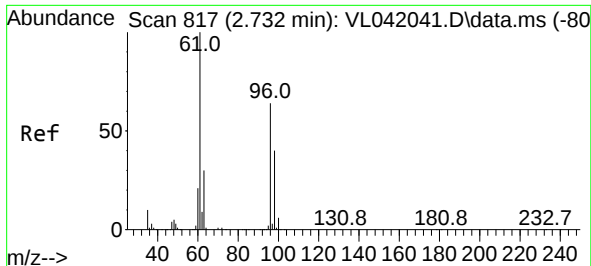
Ion Ratio Lower Upper

84 100

56 133.5 101.5 152.3

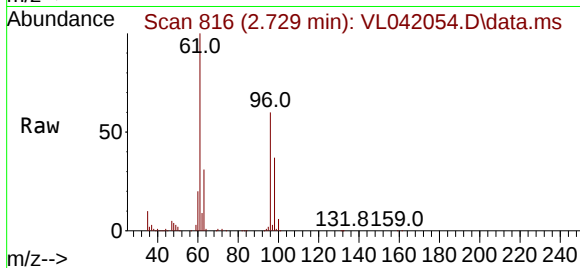
41 84.0 62.6 93.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.325 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

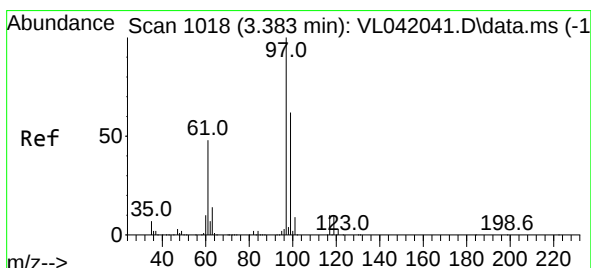
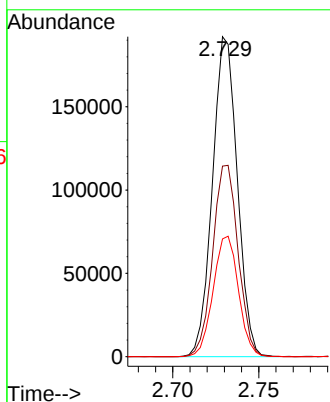
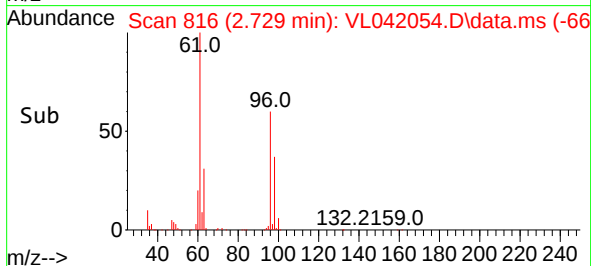
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01



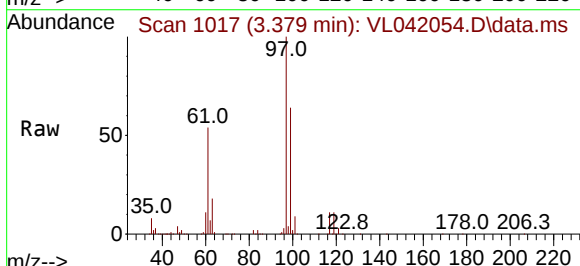
Tgt Ion: 61 Resp: 193240
 Ion Ratio Lower Upper
 61 100
 96 59.5 51.5 77.3
 98 36.7 32.0 48.0

Manual Integrations
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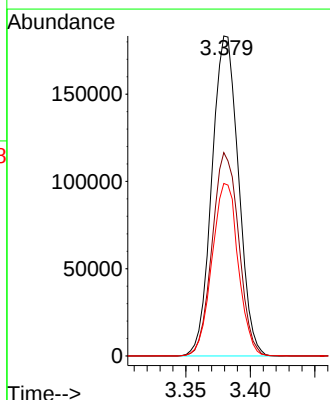
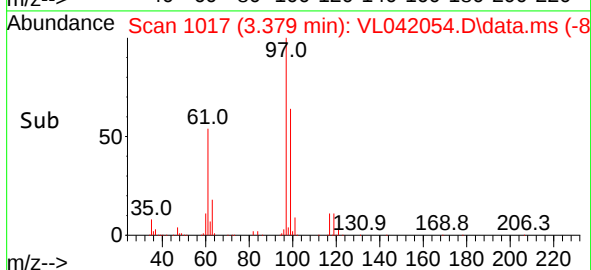
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

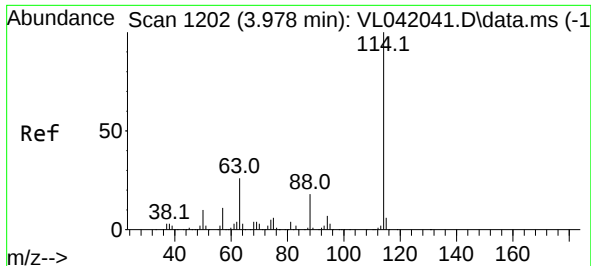


#32
 1,1,1-Trichloroethane
 Concen: 9.177 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07



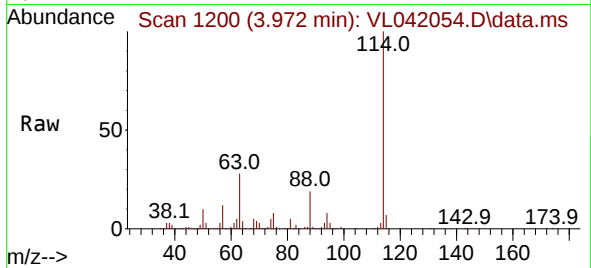
Tgt Ion: 97 Resp: 262261
 Ion Ratio Lower Upper
 97 100
 99 63.5 49.8 74.6
 61 53.3 38.9 58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

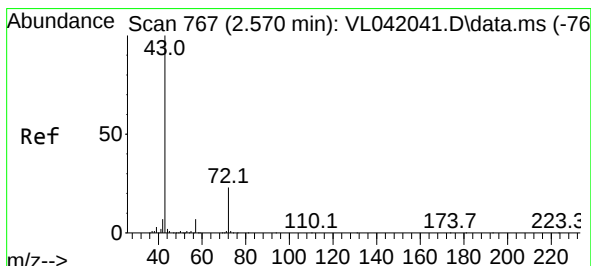
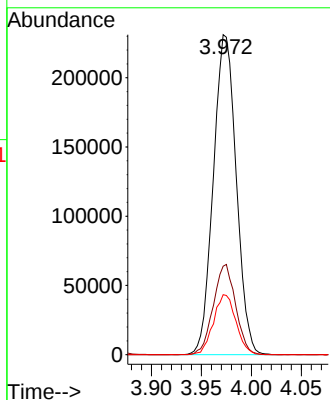
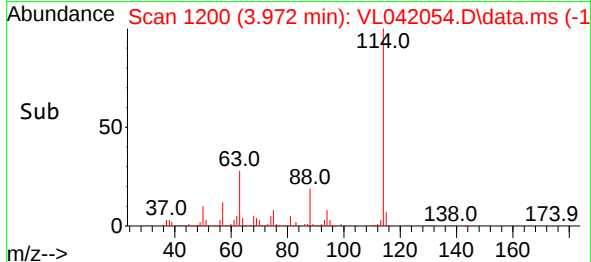
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



Tgt Ion:114 Resp: 36905
Ion Ratio Lower Upper
114 100
63 27.4 20.1 30.1
88 18.4 14.3 21.5

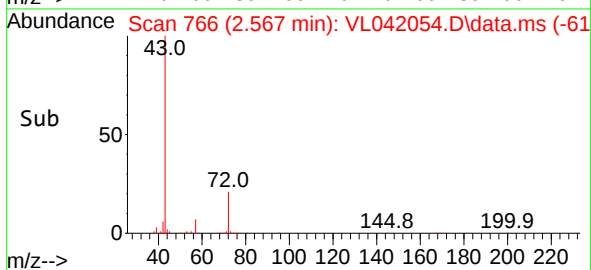
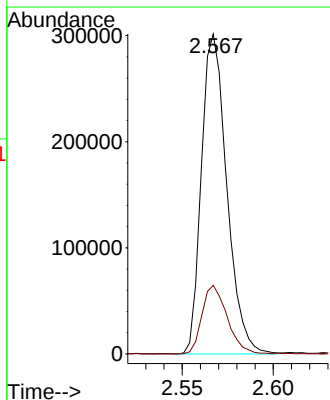
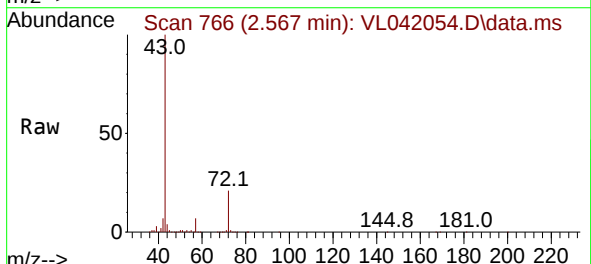
Manual Integrations
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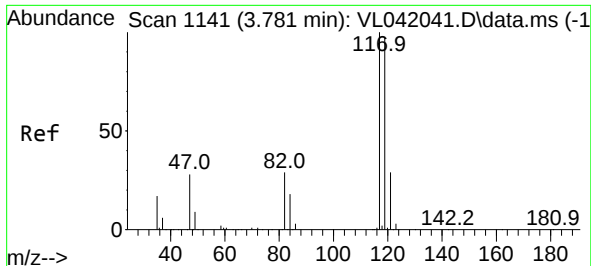
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#34
2-Butanone
Concen: 10.184 ppbv
RT: 2.567 min Scan# 766
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

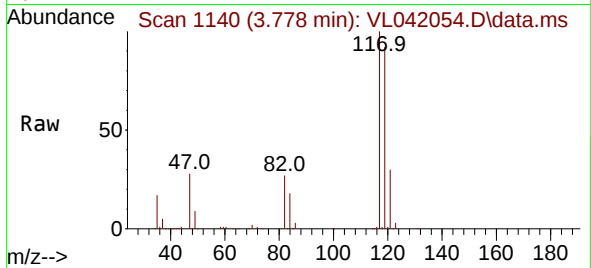
Tgt Ion: 43 Resp: 292802
Ion Ratio Lower Upper
43 100
72 21.4 18.5 27.7





#35
Carbon Tetrachloride
Concen: 10.300 ppbv
RT: 3.778 min Scan# 1141
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

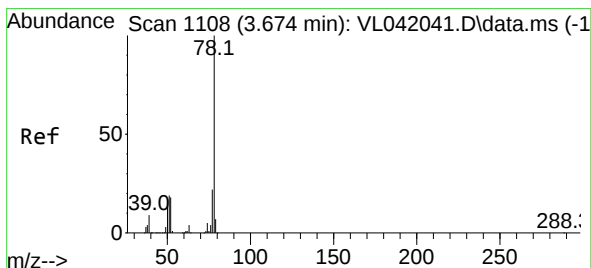
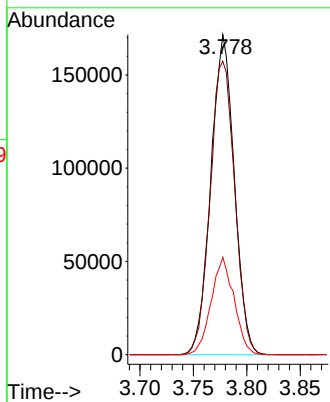
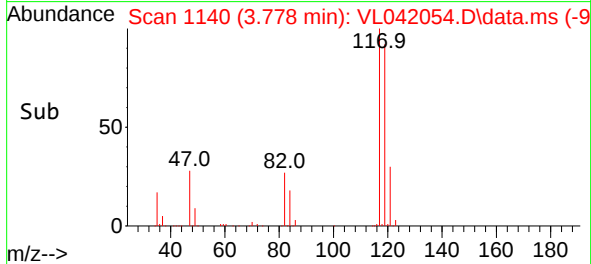
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



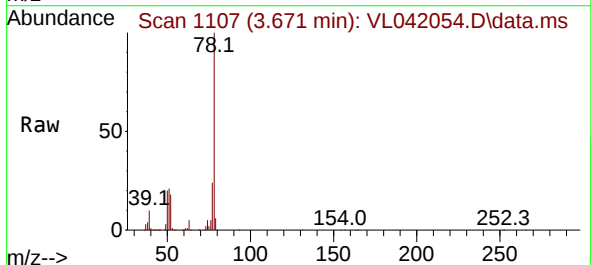
Tgt Ion: 117 Resp: 262129
Ion Ratio Lower Upper
117 100
119 91.6 77.8 116.8
121 30.4 23.4 35.0

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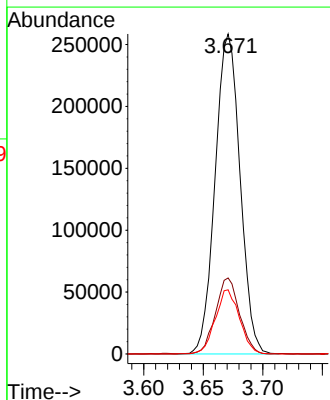
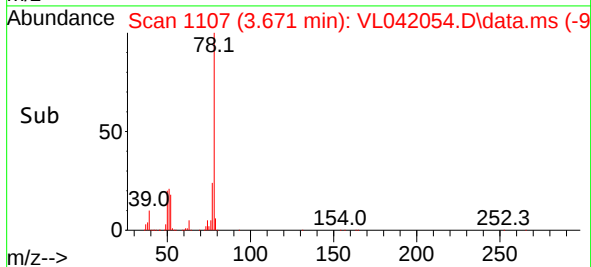
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

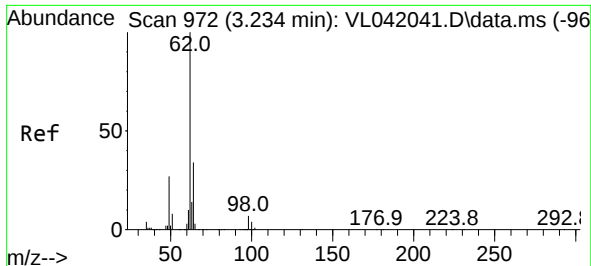


#36
Benzene
Concen: 9.720 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07



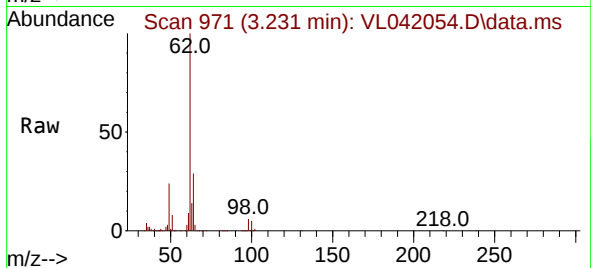
Tgt Ion: 78 Resp: 375533
Ion Ratio Lower Upper
78 100
77 23.7 17.7 26.5
50 20.0 13.9 20.9





#37
1,2-Dichloroethane
Concen: 10.211 ppbv
RT: 3.231 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

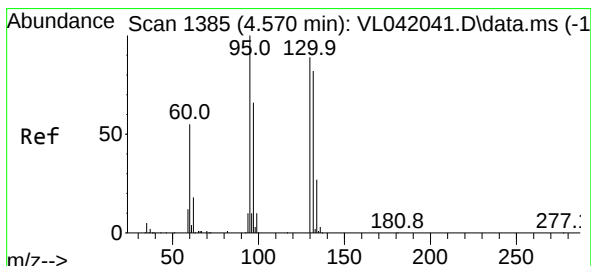
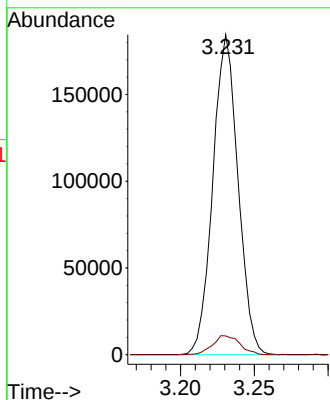
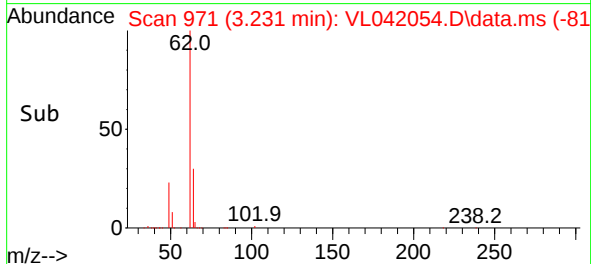
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



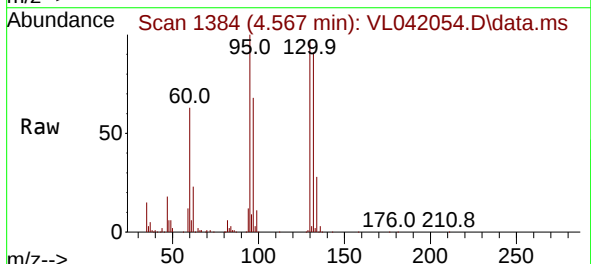
Tgt Ion: 62 Resp: 218710
Ion Ratio Lower Upper
62 100
98 6.5 5.7 8.5

Manual Integrations
APPROVED

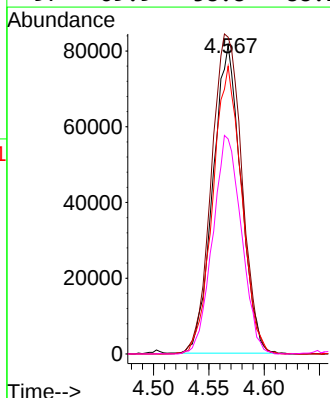
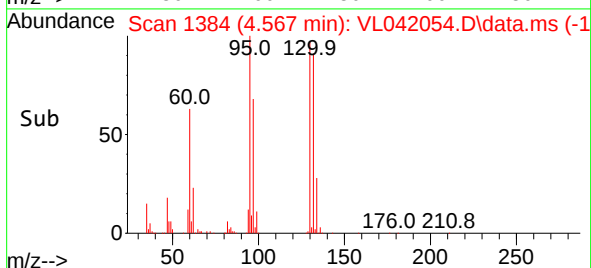
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

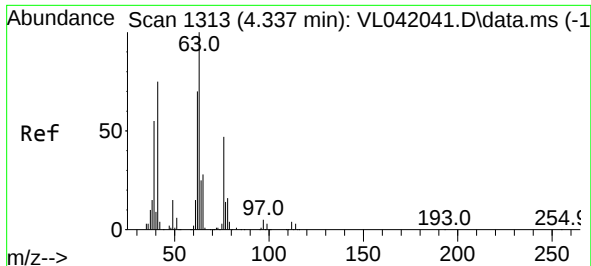


#38
Trichloroethene
Concen: 9.110 ppbv
RT: 4.567 min Scan# 1384
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07



Tgt Ion:130 Resp: 143714
Ion Ratio Lower Upper
130 100
95 102.8 89.5 134.3
132 93.3 73.8 110.6
97 69.9 58.8 88.2





#39

1,2-Dichloropropane

Concen: 9.964 ppbv

RT: 4.331 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VL042054.D

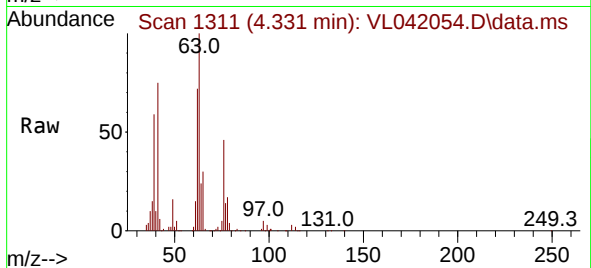
Acq: 26 Feb 2025 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0226ABS01



Tgt Ion: 63 Resp: 14611

Ion Ratio Lower Upper

63 100

41 75.3 60.1 90.1

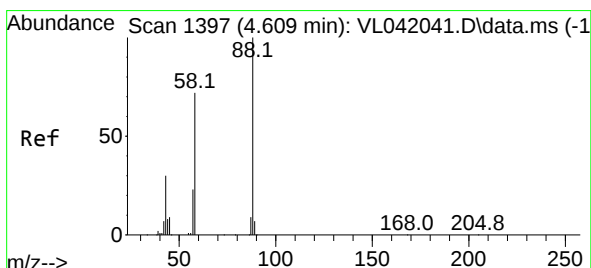
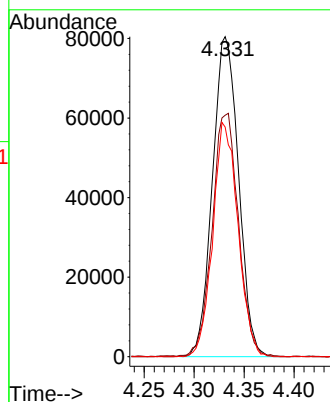
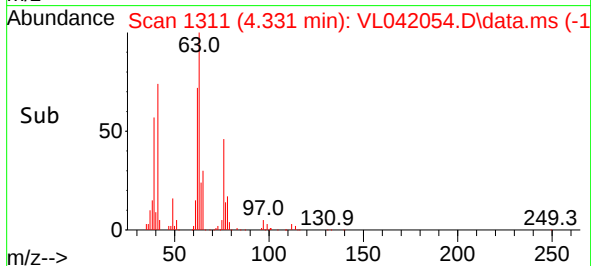
62 71.7 55.8 83.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#40

1,4-Dioxane

Concen: 9.809 ppbv

RT: 4.603 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VL042054.D

Acq: 26 Feb 2025 11:07

Tgt Ion: 88 Resp: 65661

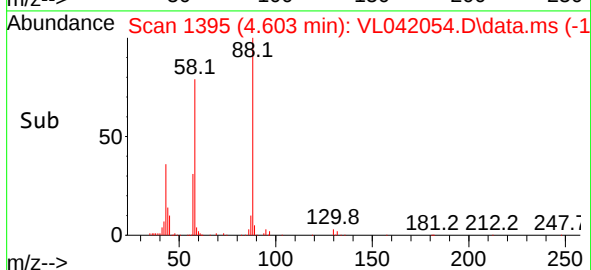
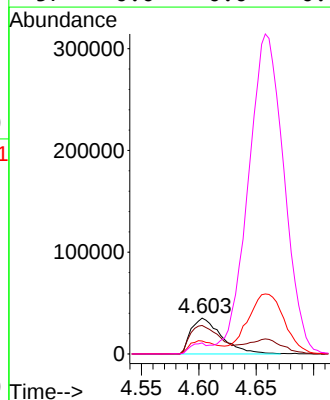
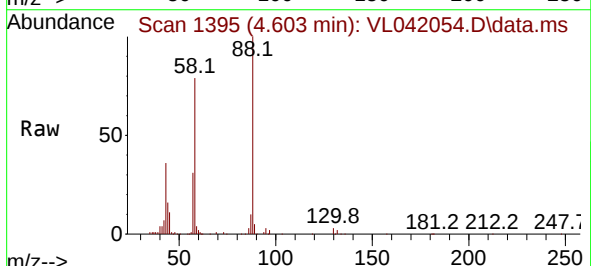
Ion Ratio Lower Upper

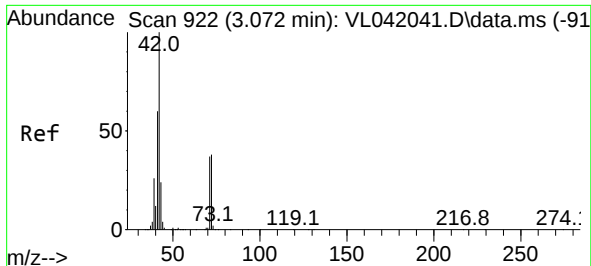
88 100

58 81.4 62.6 94.0

43 35.7 0.0 0.0#

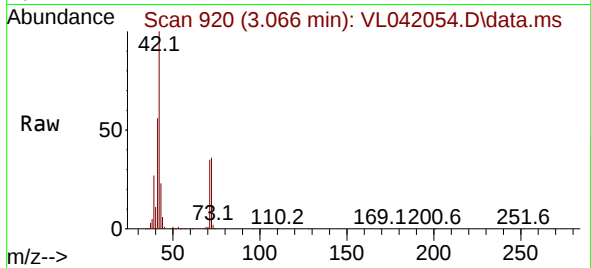
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.150 ppbv
RT: 3.066 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

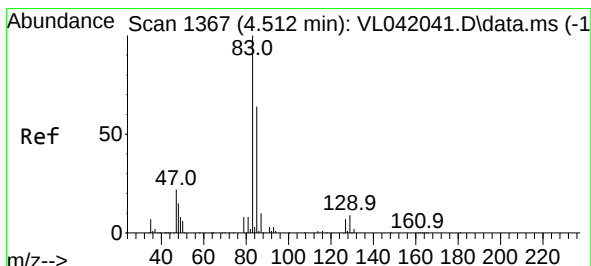
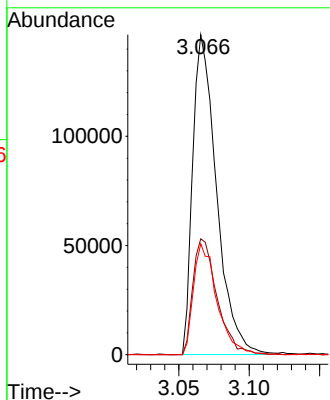
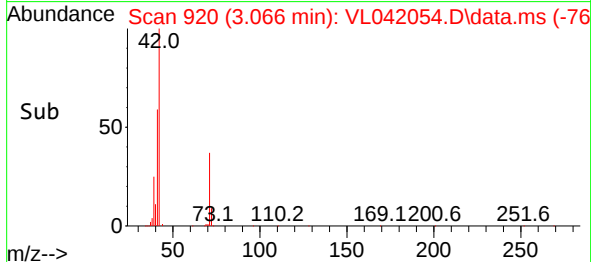
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



Tgt Ion: 42 Resp: 172429
Ion Ratio Lower Upper
42 100
72 36.9 30.2 45.2
71 34.2 28.2 42.4

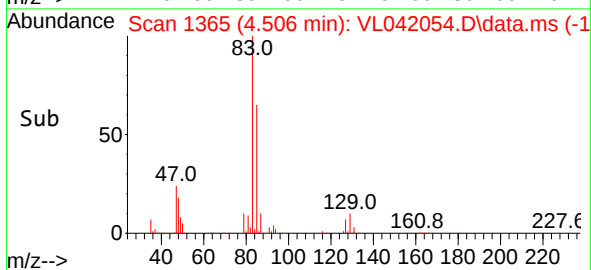
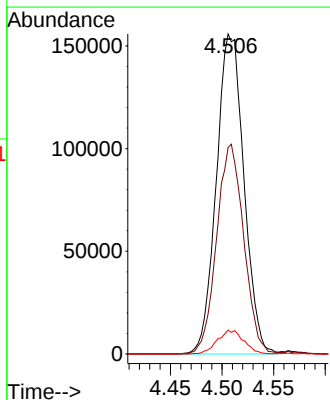
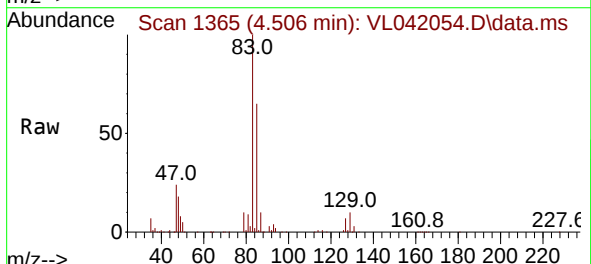
Manual Integrations
APPROVED

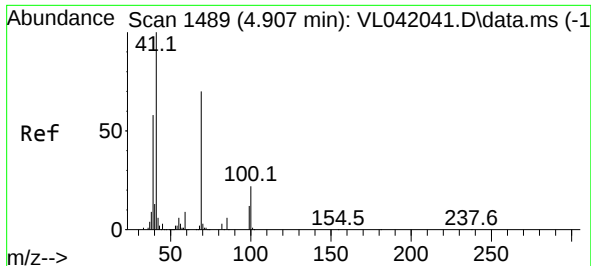
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#42
Bromodichloromethane
Concen: 10.029 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

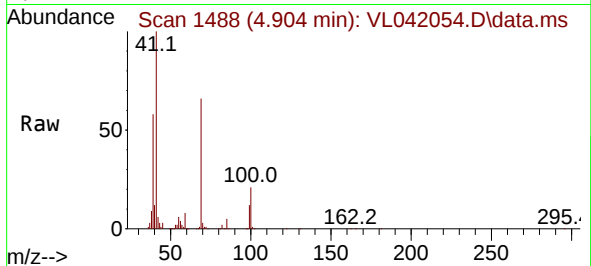
Tgt Ion: 83 Resp: 289453
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2
127 7.5 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.012 ppbv
RT: 4.904 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

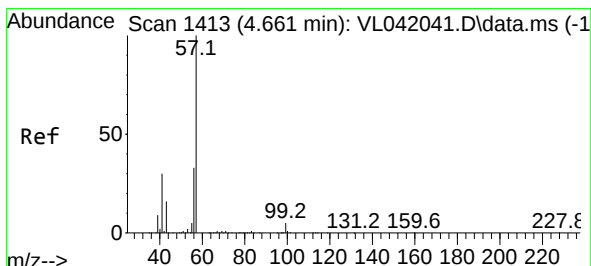
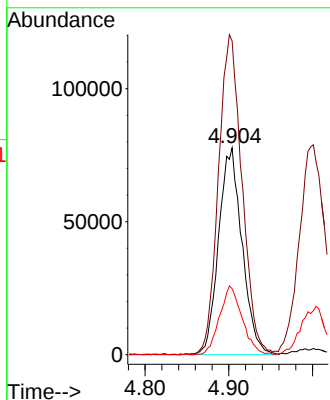
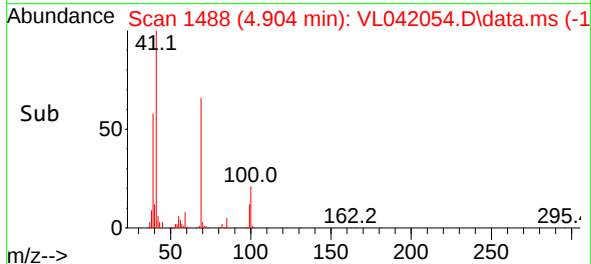
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



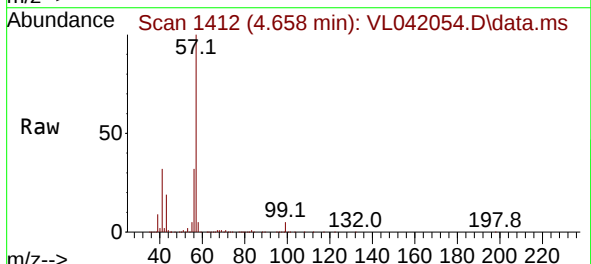
Tgt Ion: 69 Resp: 151059
Ion Ratio Lower Upper
69 100
41 155.3 118.2 177.4
100 32.1 27.0 40.4

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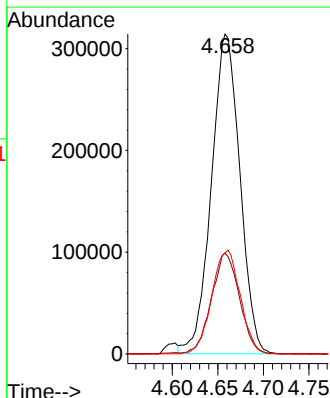
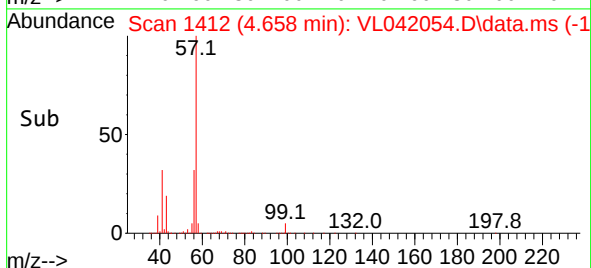
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

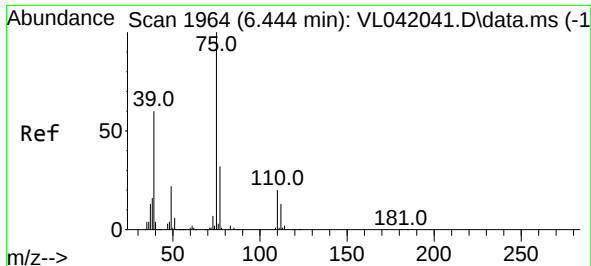


#44
2,2,4-Trimethylpentane
Concen: 10.036 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07



Tgt Ion: 57 Resp: 684336
Ion Ratio Lower Upper
57 100
41 31.3 24.4 36.6
56 32.5 26.5 39.7





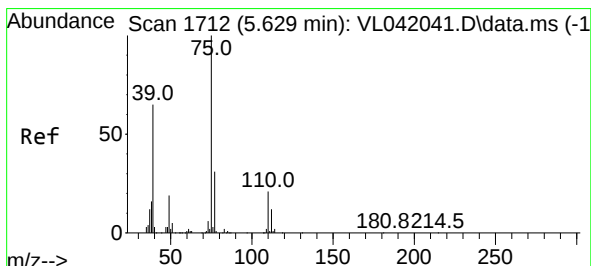
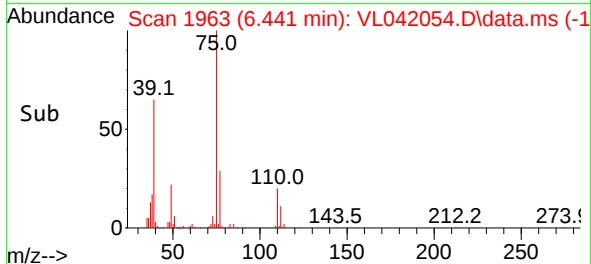
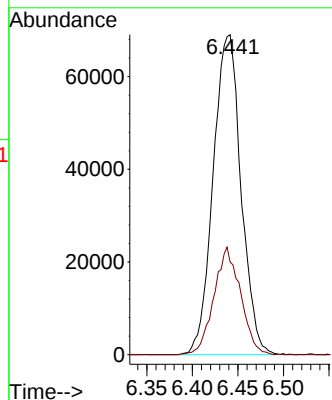
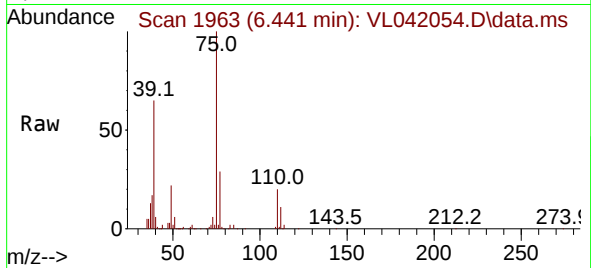
#45
 t-1,3-Dichloropropene
 Concen: 9.811 ppbv
 RT: 6.441 min Scan# 1963
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01

Tgt Ion: 75 Resp: 147062
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.9 38.9

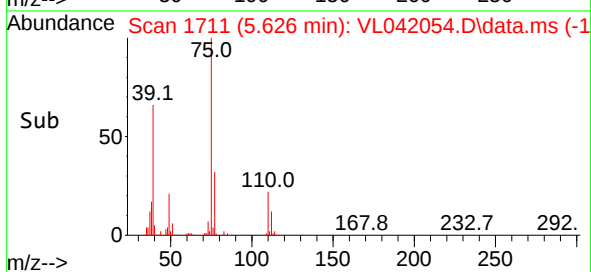
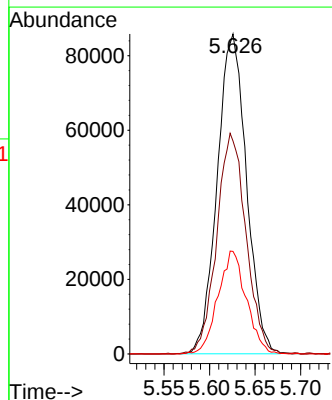
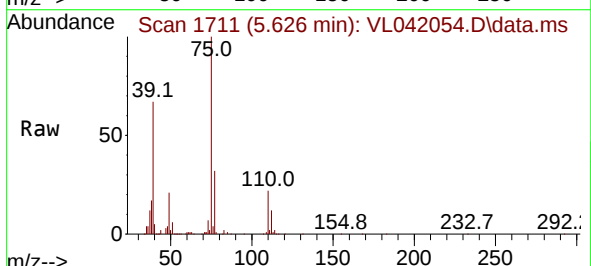
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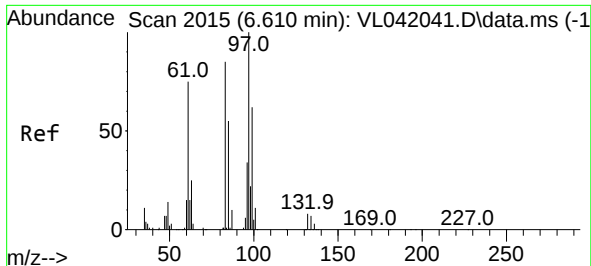
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#46
 cis-1,3-Dichloropropene
 Concen: 9.868 ppbv
 RT: 5.626 min Scan# 1711
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

Tgt Ion: 75 Resp: 191420
 Ion Ratio Lower Upper
 75 100
 39 66.5 51.9 77.9
 77 32.1 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 9.337 ppbv

RT: 6.603 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VL042054.D

Acq: 26 Feb 2025 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0226ABS01

Tgt Ion: 97 Resp: 13900

Ion Ratio Lower Upper

97 100

83 84.3 68.1 102.1

85 47.9 44.0 66.0

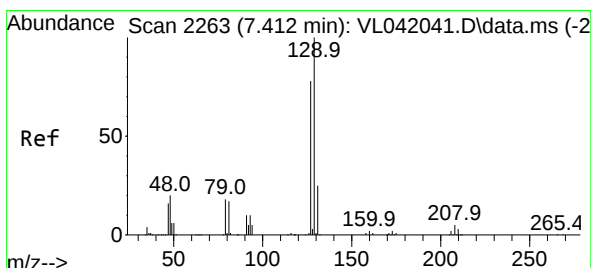
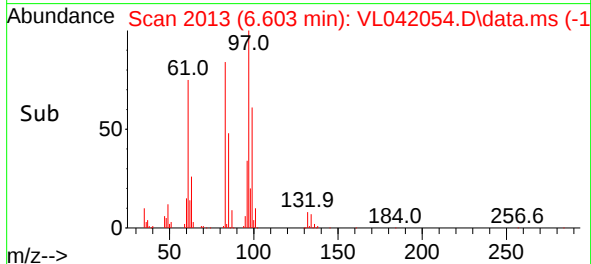
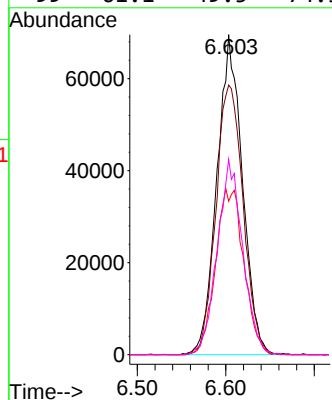
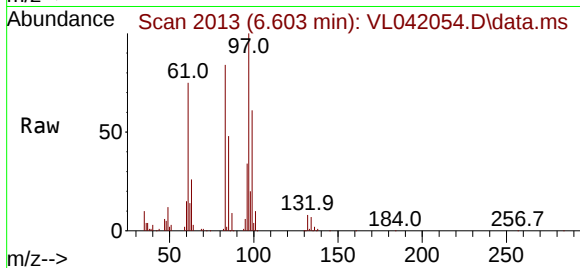
99 61.1 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#48

Dibromochloromethane

Concen: 9.808 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. -0.006 min

Lab File: VL042054.D

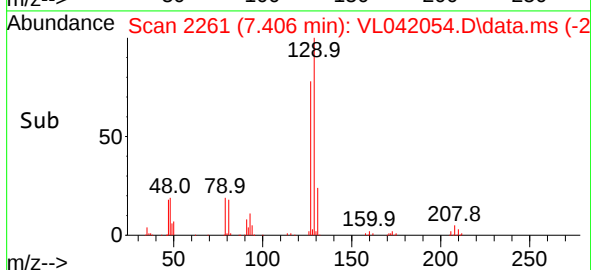
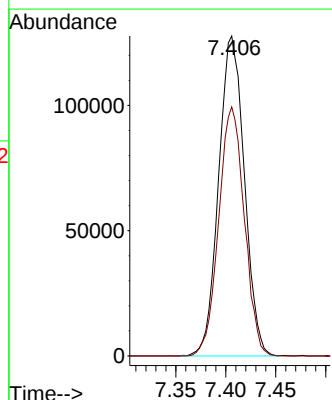
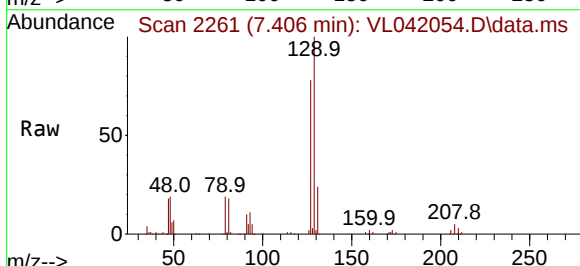
Acq: 26 Feb 2025 11:07

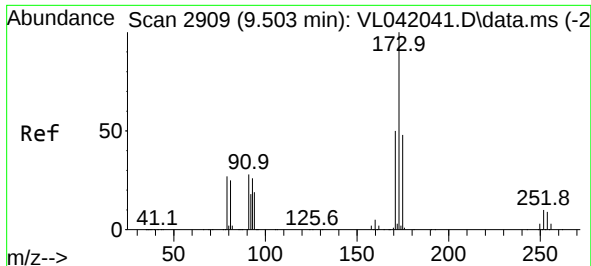
Tgt Ion:129 Resp: 228694

Ion Ratio Lower Upper

129 100

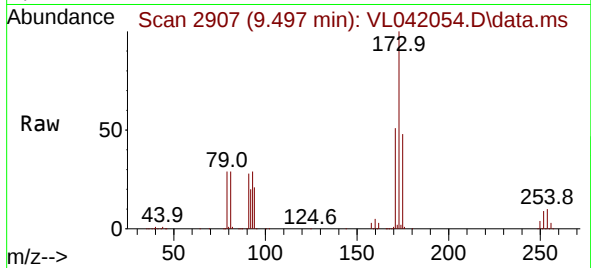
127 77.4 38.6 115.8





#49
Bromoform
Concen: 9.581 ppbv
RT: 9.497 min Scan# 2909
Delta R.T. -0.006 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

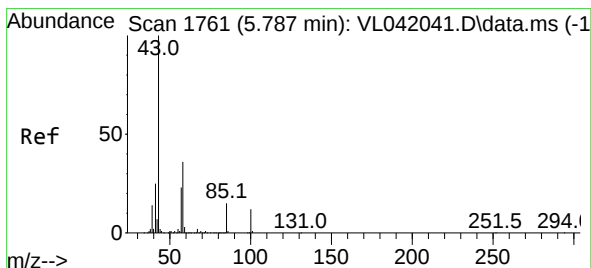
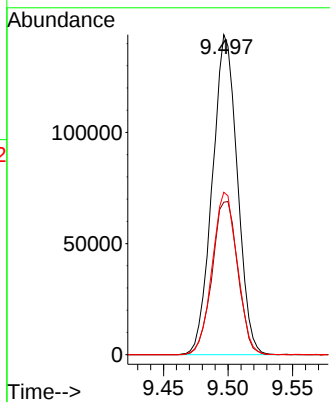
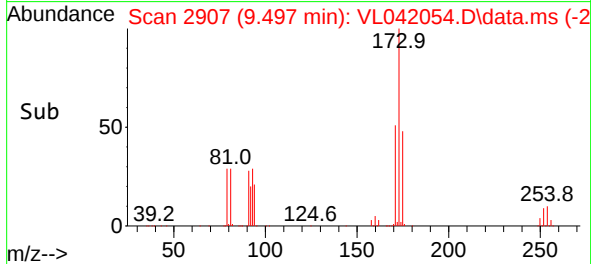
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



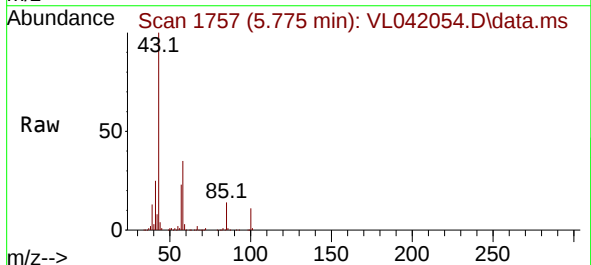
Tgt Ion:173 Resp: 194002
Ion Ratio Lower Upper
173 100
175 49.2 38.3 57.5
171 50.8 40.2 60.2

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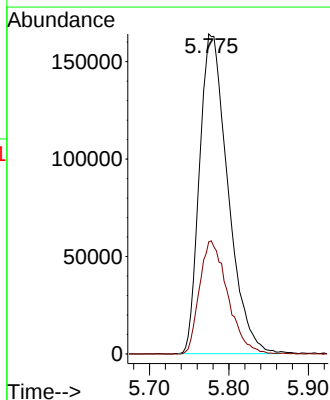
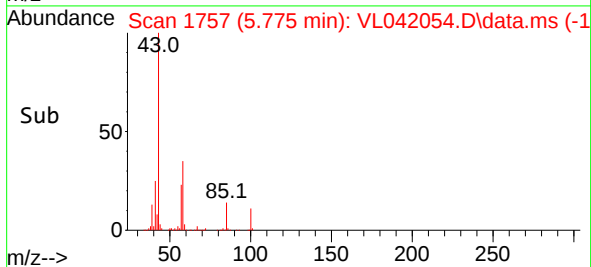
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

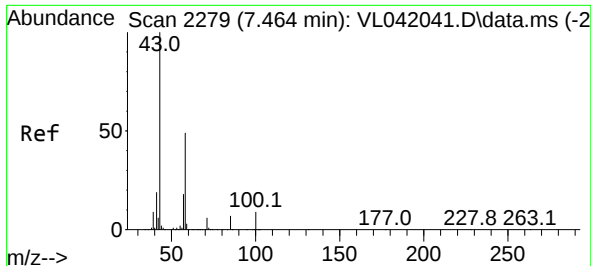


#50
4-Methyl-2-Pentanone
Concen: 10.969 ppbv
RT: 5.775 min Scan# 1757
Delta R.T. -0.013 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07



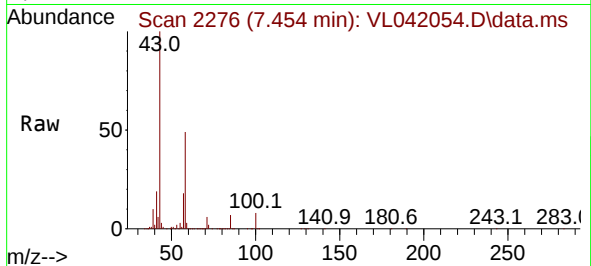
Tgt Ion: 43 Resp: 407870
Ion Ratio Lower Upper
43 100
58 35.2 29.3 43.9





#51
2-Hexanone
Concen: 12.808 ppbv
RT: 7.454 min Scan# 2119
Delta R.T. -0.010 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

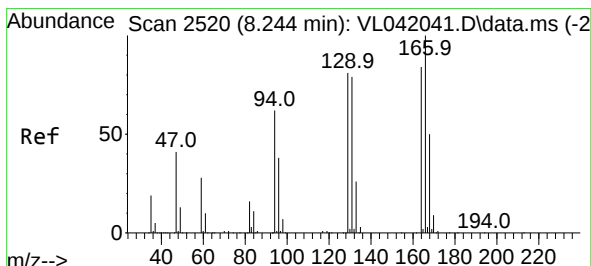
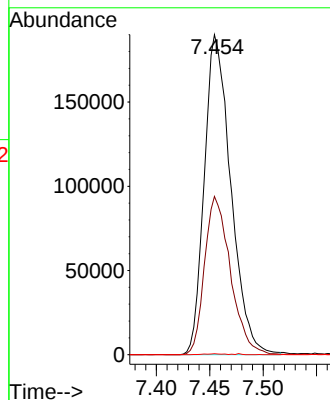
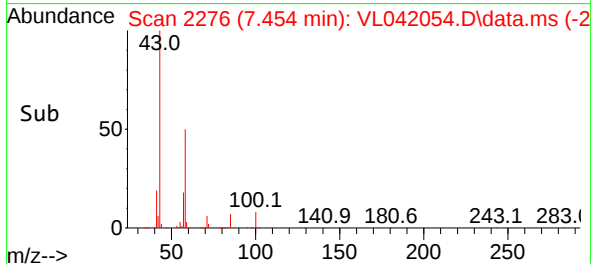
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



Tgt Ion: 43 Resp: 327784
Ion Ratio Lower Upper
43 100
58 48.4 39.0 58.6
98 0.2 0.1 0.1

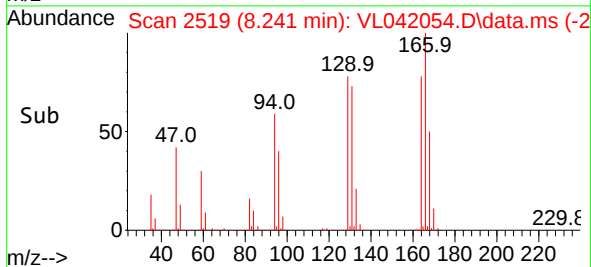
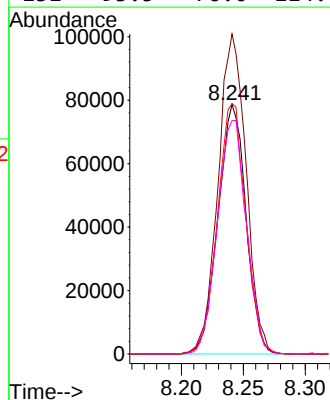
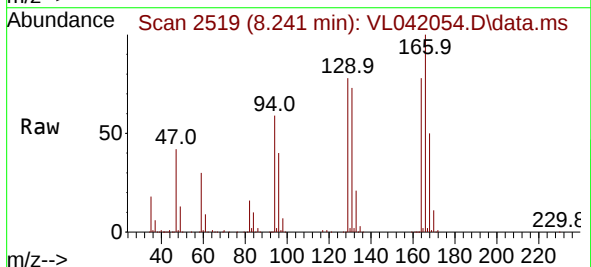
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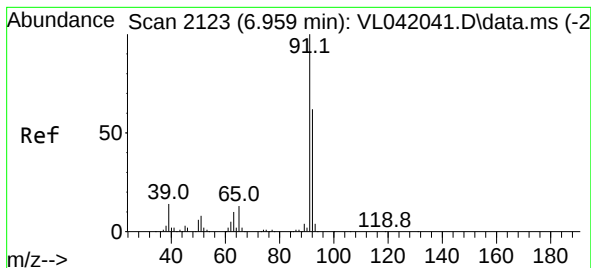
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#52
Tetrachloroethene
Concen: 9.365 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Tgt Ion:164 Resp: 123860
Ion Ratio Lower Upper
164 100
166 128.3 95.7 143.5
129 100.4 77.1 115.7
131 93.5 76.0 114.0





#53

Toluene

Concen: 9.683 ppbv

RT: 6.953 min Scan# 2123

Delta R.T. -0.006 min

Lab File: VL042054.D

Acq: 26 Feb 2025 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0226ABS01

Tgt Ion: 91 Resp: 41808

Ion Ratio Lower Upper

91 100

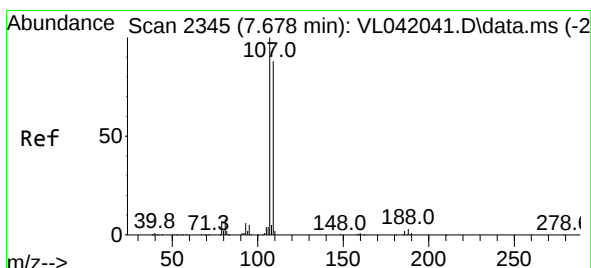
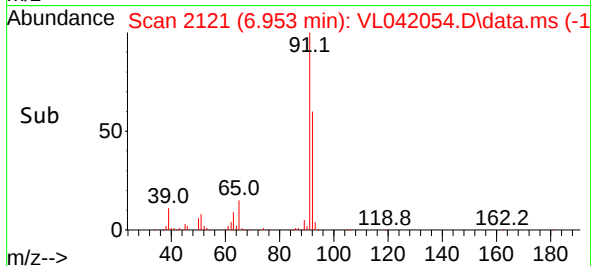
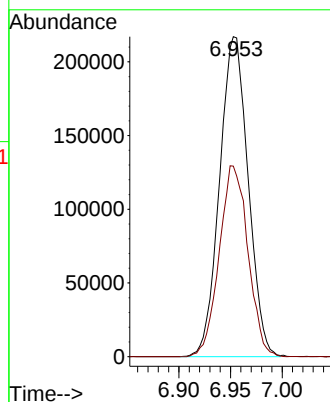
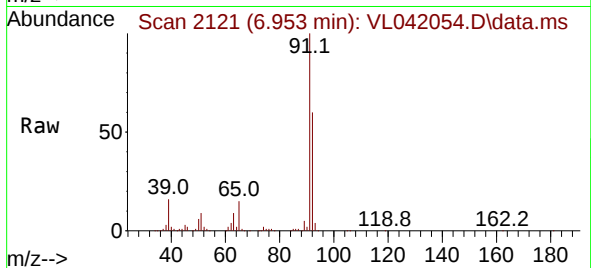
92 59.9 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#54

1,2-Dibromoethane

Concen: 9.462 ppbv

RT: 7.671 min Scan# 2343

Delta R.T. -0.006 min

Lab File: VL042054.D

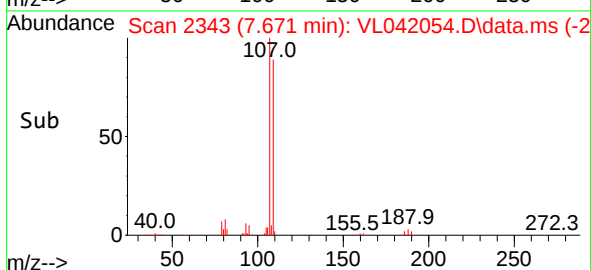
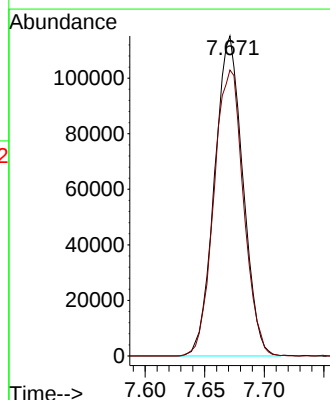
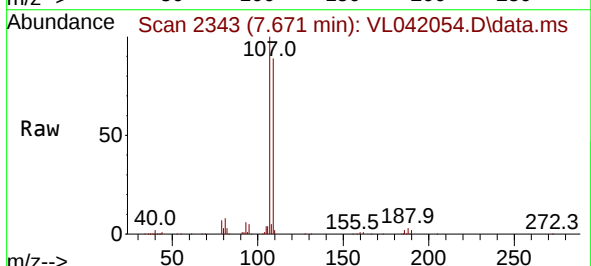
Acq: 26 Feb 2025 11:07

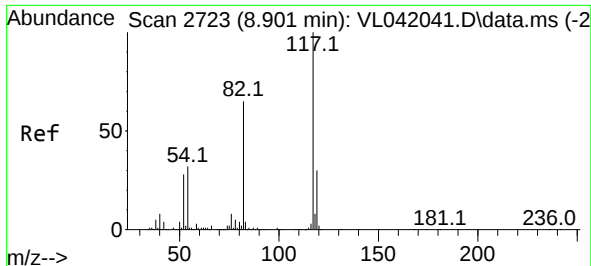
Tgt Ion:107 Resp: 190454

Ion Ratio Lower Upper

107 100

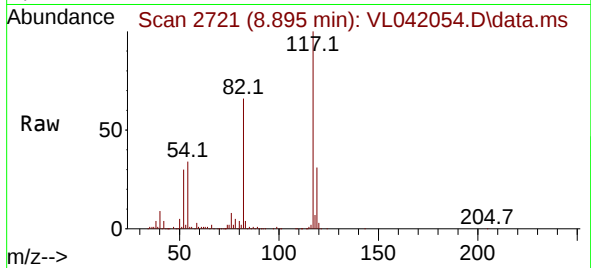
109 89.3 70.2 105.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

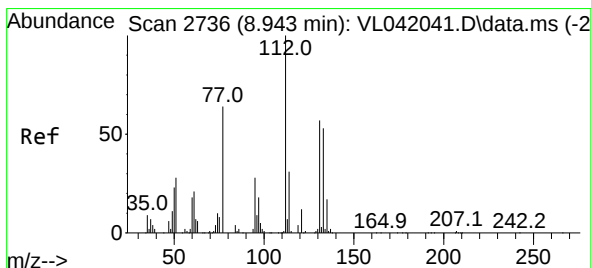
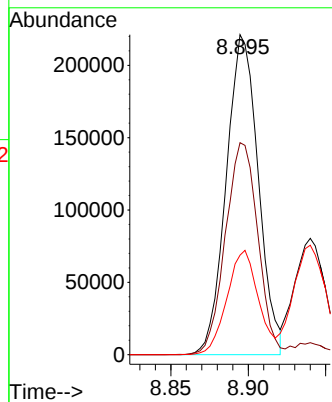
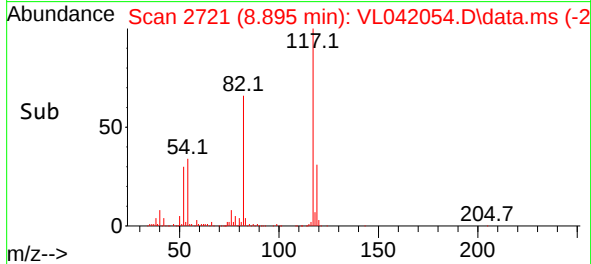
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



Tgt Ion:117 Resp: 31888
Ion Ratio Lower Upper
117 100
82 67.7 55.0 82.6
119 32.9 25.9 38.9

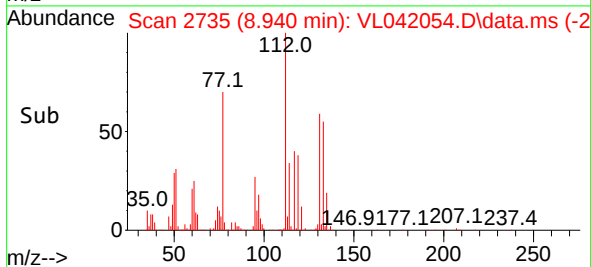
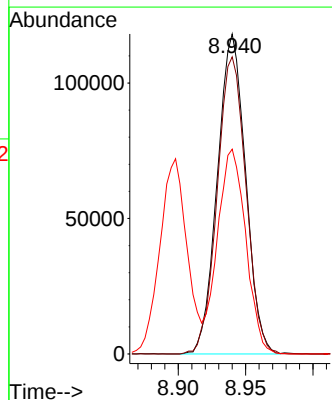
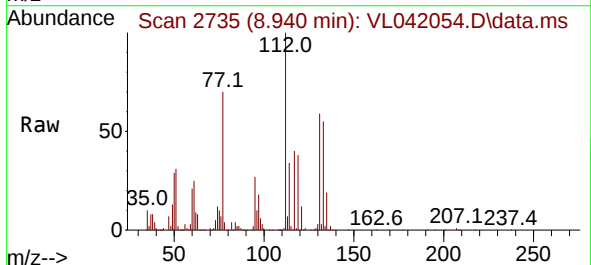
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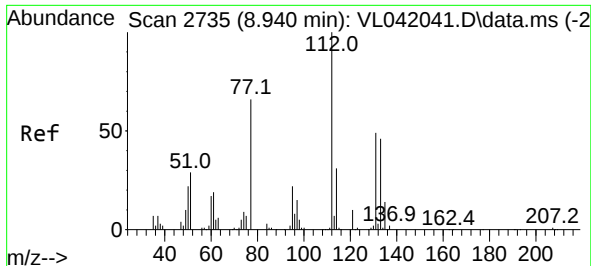
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.542 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

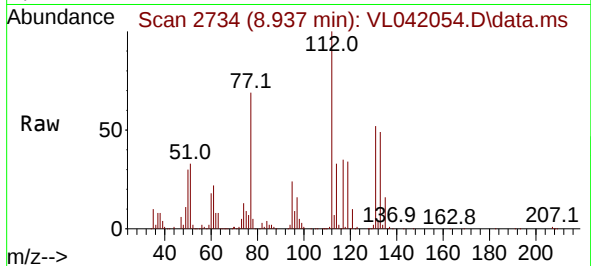
Tgt Ion:131 Resp: 171980
Ion Ratio Lower Upper
131 100
133 94.7 75.8 113.8
119 65.8 52.1 78.1





#57
Chlorobenzene
Concen: 9.482 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

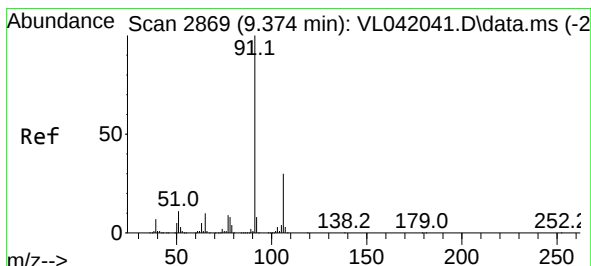
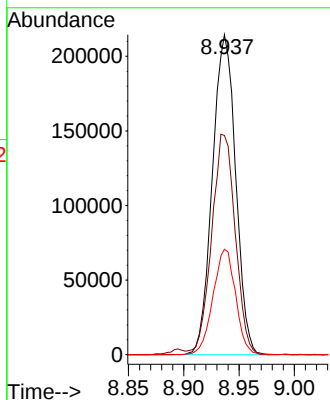
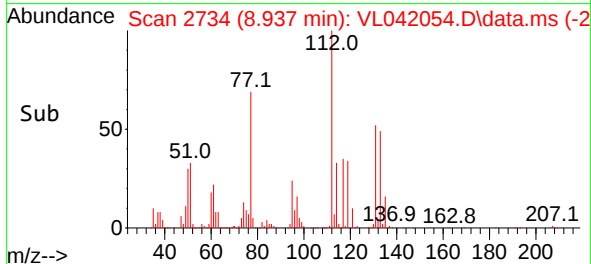
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



Tgt Ion:112 Resp: 31348
Ion Ratio Lower Upper
112 100
77 68.5 53.4 80.2
114 32.9 28.3 34.5

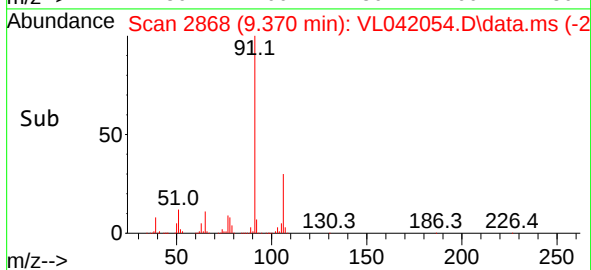
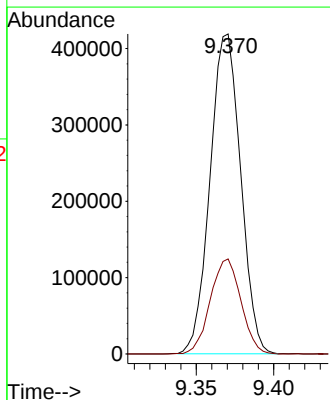
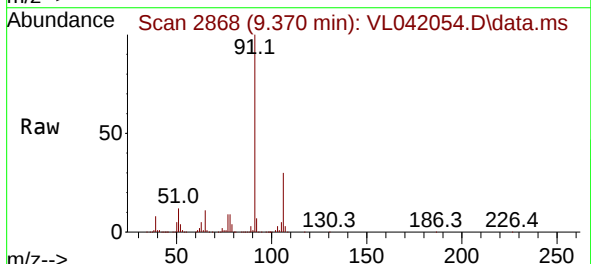
Manual Integrations
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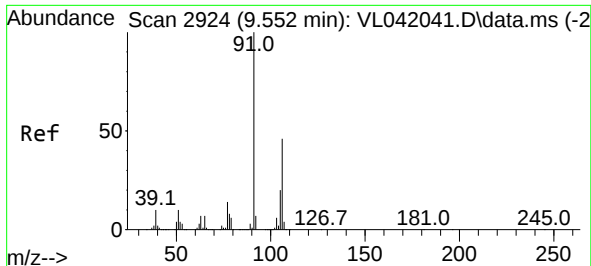
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#58
Ethyl Benzene
Concen: 9.805 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Tgt Ion: 91 Resp: 575798
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2





#59

m/p-Xylene

Concen: 19.459 ppbv m

RT: 9.565 min Scan# 2924

Delta R.T. 0.013 min

Lab File: VL042054.D

Acq: 26 Feb 2025 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0226ABS01

Tgt Ion: 91 Resp: 909392

Ion Ratio Lower Upper

91 100

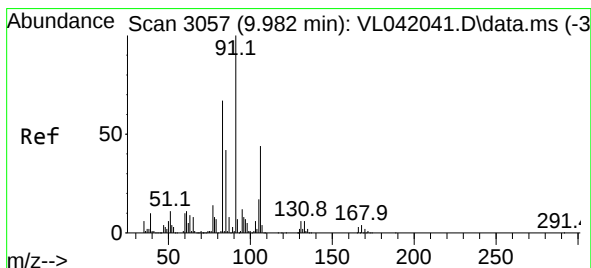
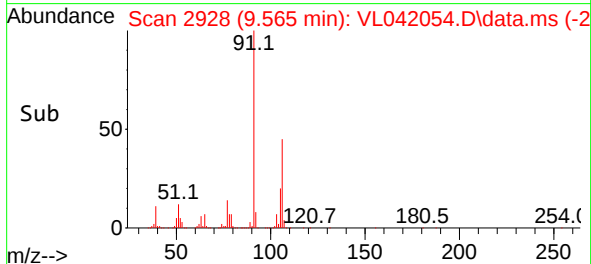
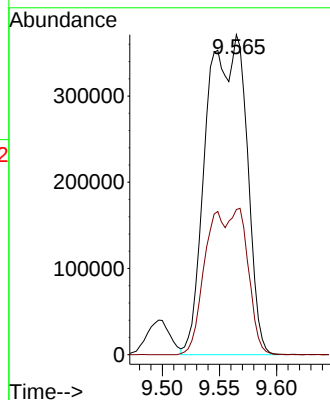
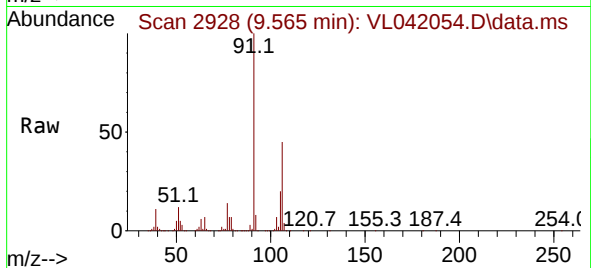
106 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#60

o-Xylene

Concen: 9.588 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. -0.006 min

Lab File: VL042054.D

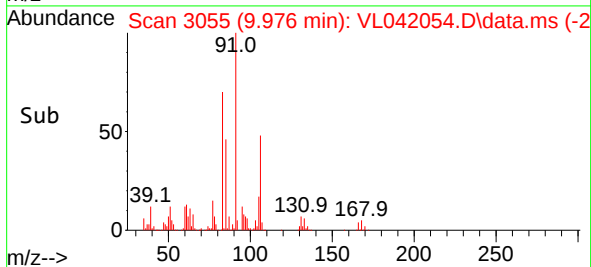
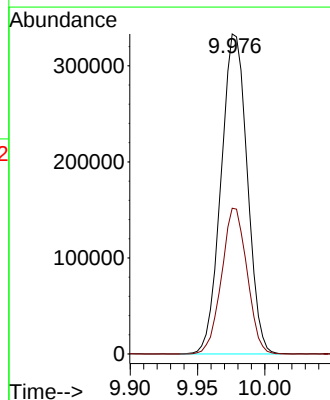
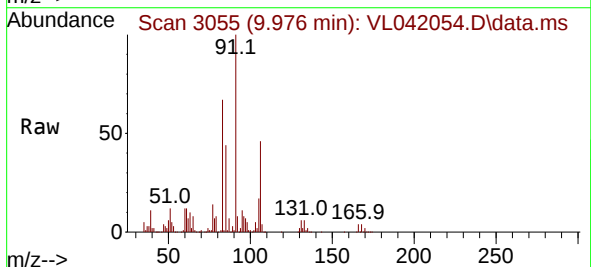
Acq: 26 Feb 2025 11:07

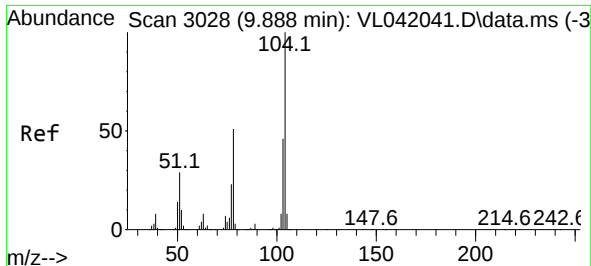
Tgt Ion: 91 Resp: 450481

Ion Ratio Lower Upper

91 100

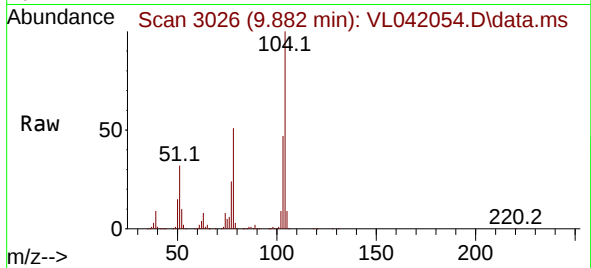
106 44.3 22.3 66.8





#61
Styrene
Concen: 9.879 ppbv
RT: 9.882 min Scan# 3028
Delta R.T. -0.006 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

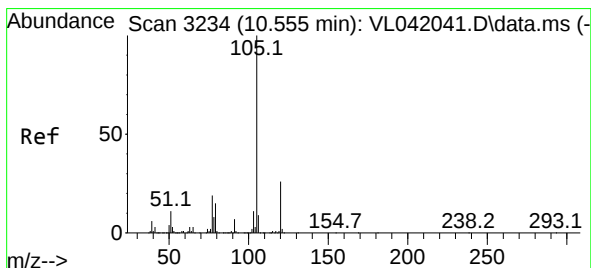
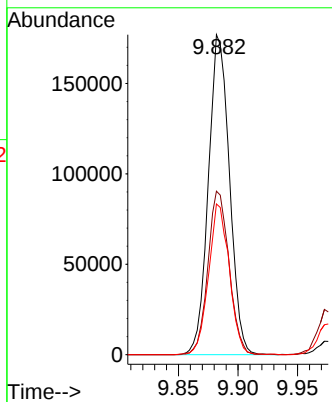
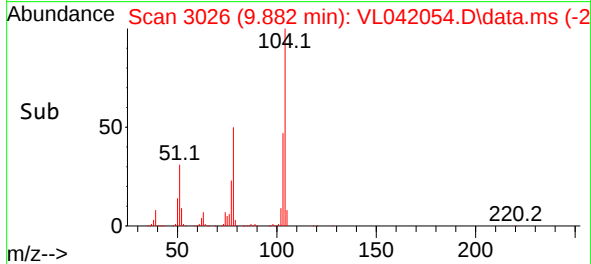
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



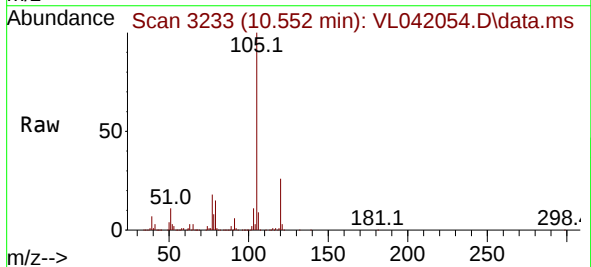
Tgt Ion:104 Resp: 21820
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 46.5 37.0 55.6

Manual Integrations
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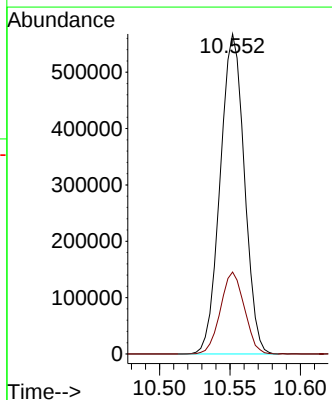
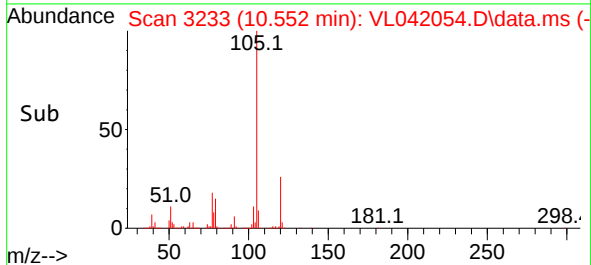
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

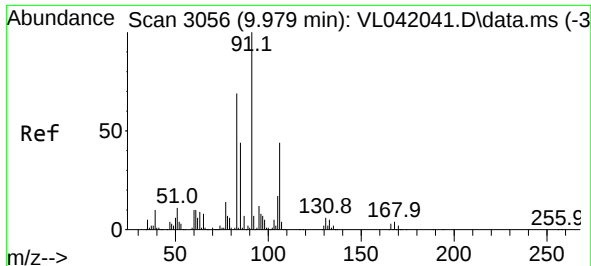


#62
Isopropylbenzene
Concen: 9.637 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07



Tgt Ion:105 Resp: 678100
Ion Ratio Lower Upper
105 100
120 25.3 20.7 31.1





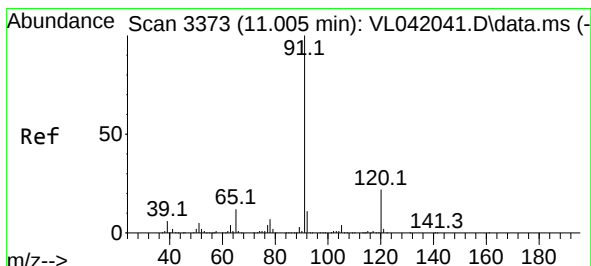
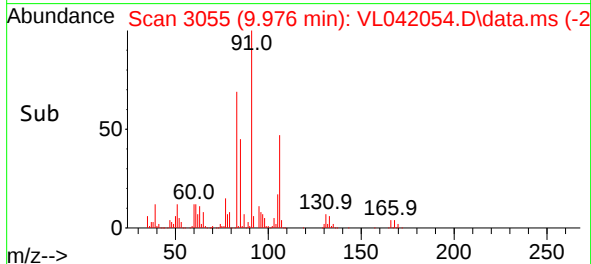
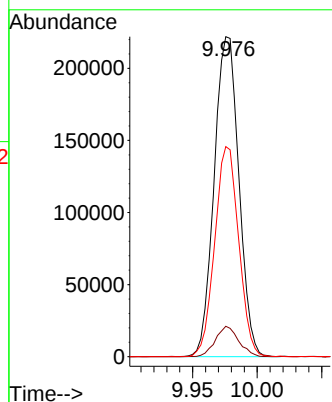
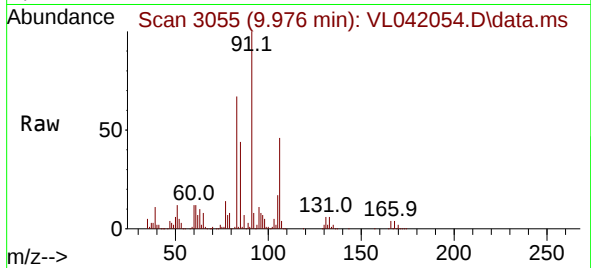
#63
1,1,2,2-Tetrachloroethane
Concen: 9.543 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01

Tgt Ion: 83 Resp: 29525
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 63.7 32.1 96.3

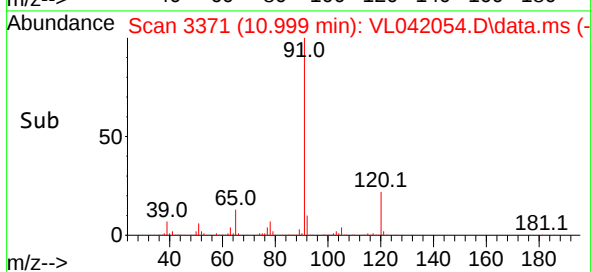
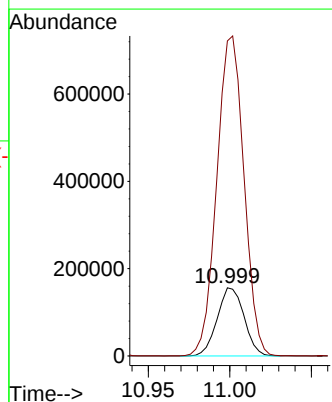
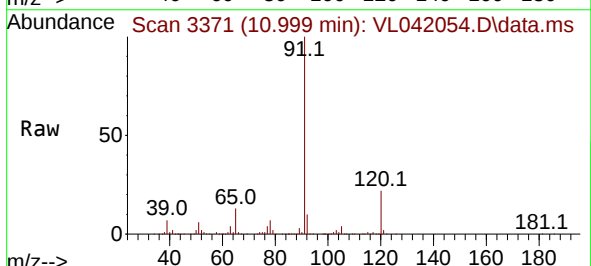
Manual Integrations
APPROVED

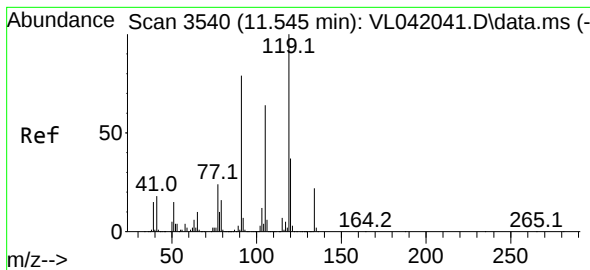
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#64
n-propylbenzene
Concen: 9.674 ppbv
RT: 10.999 min Scan# 3371
Delta R.T. -0.006 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

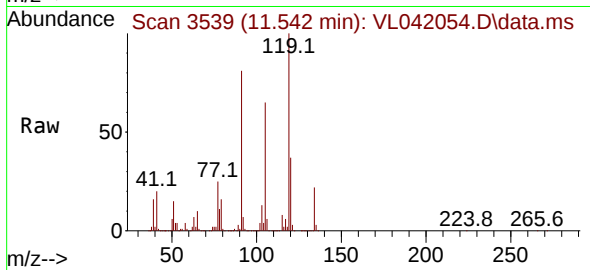
Tgt Ion:120 Resp: 178544
Ion Ratio Lower Upper
120 100
91 475.9 370.6 556.0





#65
tert-Butylbenzene
Concen: 9.369 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

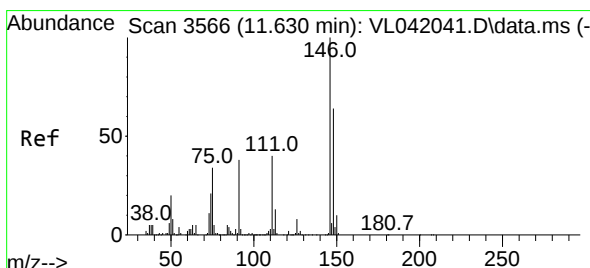
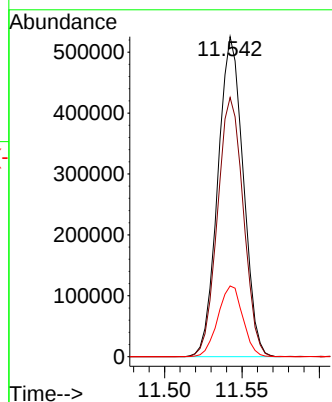
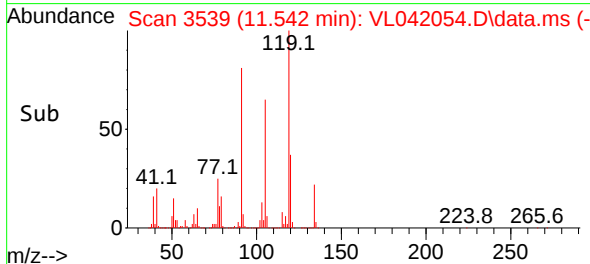
Instrument : MSVOA_L
ClientSampleId : VL0226ABS01



Tgt Ion: 119 Resp: 599970
Ion Ratio Lower Upper
119 100
91 82.2 64.2 96.2
134 21.6 17.4 26.2

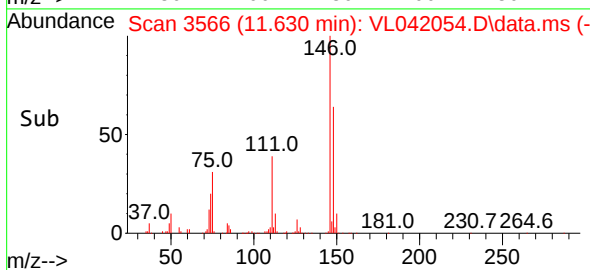
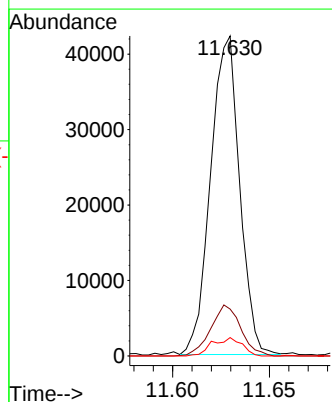
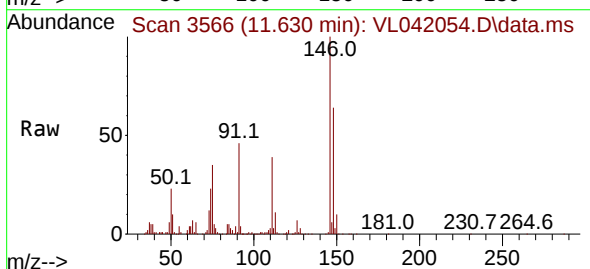
Manual Integrations
APPROVED

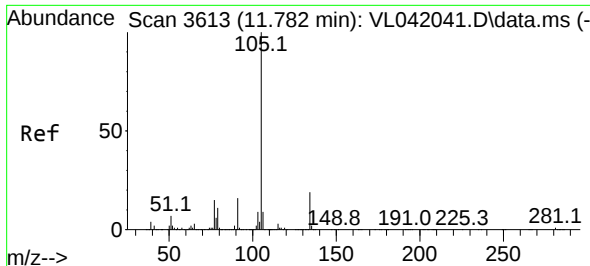
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#66
Benzyl Chloride
Concen: 9.009 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.000 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

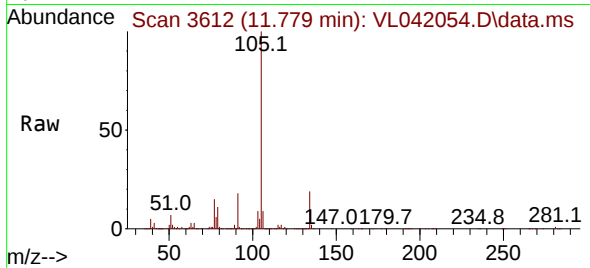
Tgt Ion: 91 Resp: 44022
Ion Ratio Lower Upper
91 100
126 16.6 14.5 21.7
128 5.9 5.4 8.2





#67
 sec-Butylbenzene
 Concen: 9.423 ppbv
 RT: 11.779 min Scan# 3612
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

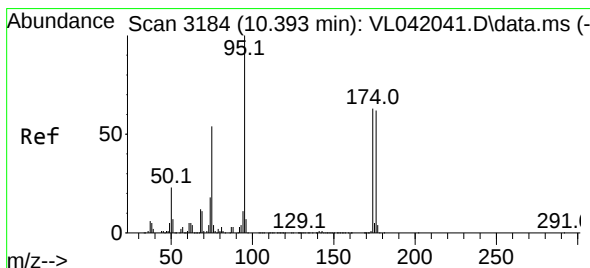
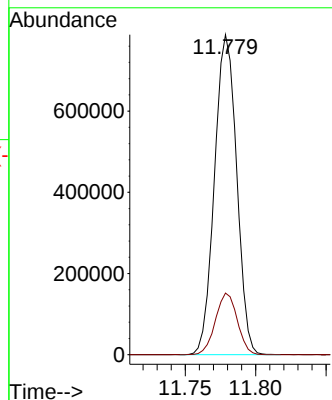
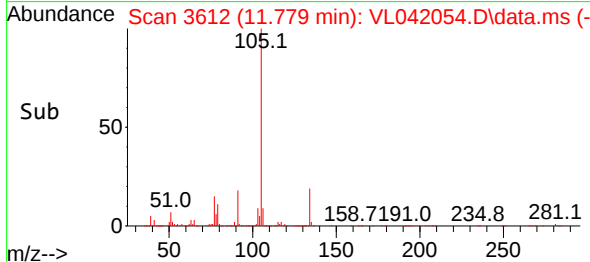
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01



Tgt Ion: 105 Resp: 86302
 Ion Ratio Lower Upper
 105 100
 134 19.0 14.9 22.3

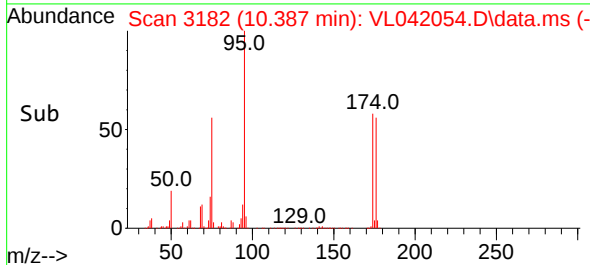
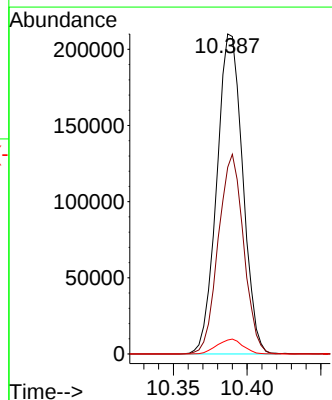
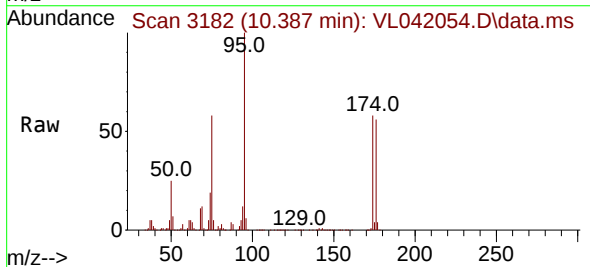
Manual Integrations
 APPROVED

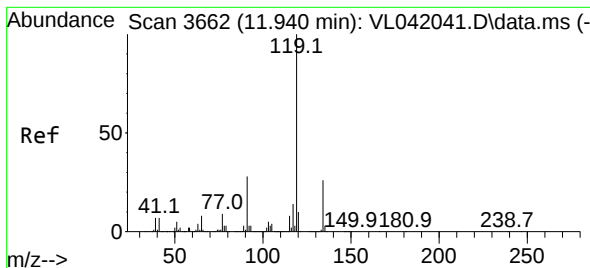
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.482 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. -0.006 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

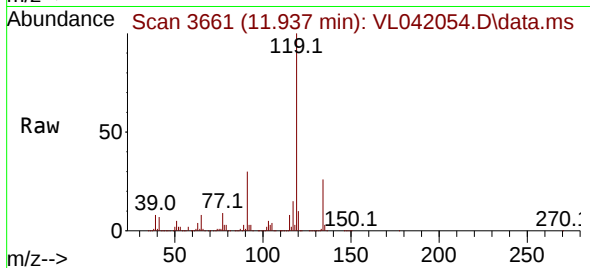
Tgt Ion: 95 Resp: 257152
 Ion Ratio Lower Upper
 95 100
 174 60.9 51.8 77.6
 175 4.7 3.9 5.9





#69
 p-Isopropyltoluene
 Concen: 9.816 ppbv
 RT: 11.937 min Scan# 3661
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

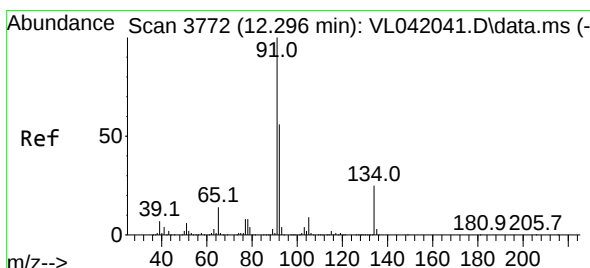
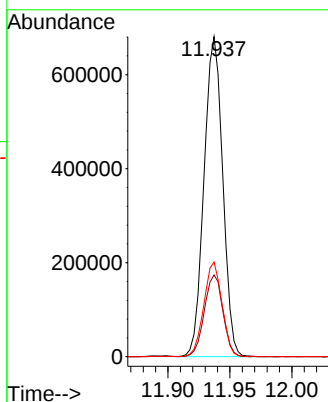
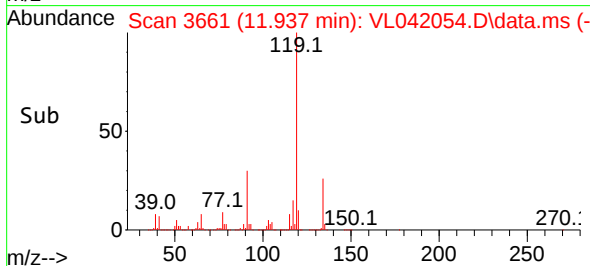
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01



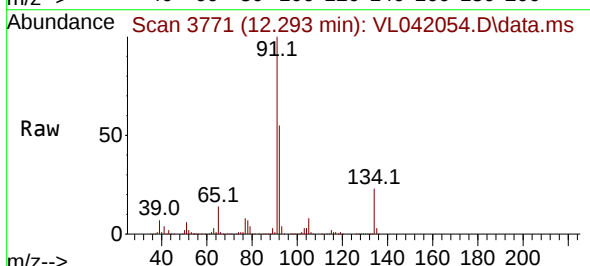
Tgt Ion: 119 Resp: 71523
 Ion Ratio Lower Upper
 119 100
 134 25.5 20.9 31.3
 91 28.9 23.1 34.7

Manual Integrations
 APPROVED

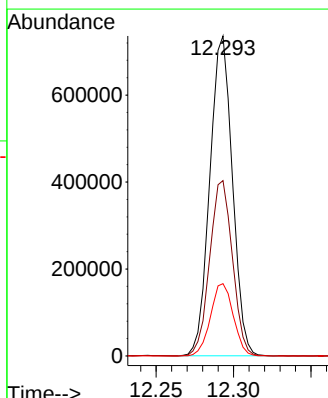
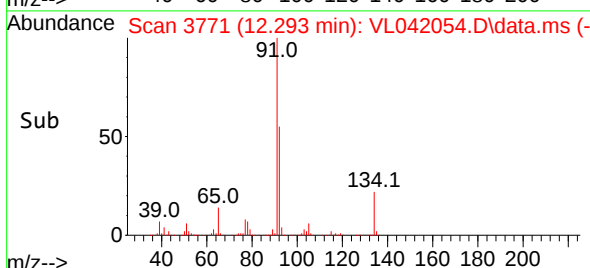
Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

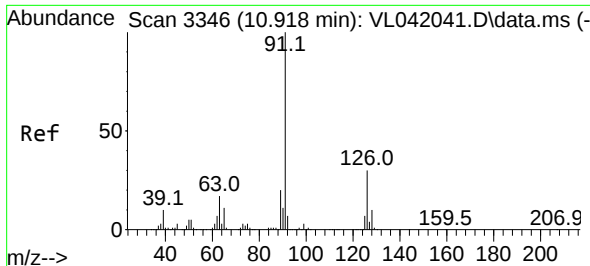


#70
 n-Butylbenzene
 Concen: 10.014 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07



Tgt Ion: 91 Resp: 744799
 Ion Ratio Lower Upper
 91 100
 92 55.5 44.7 67.1
 134 22.9 18.9 28.3





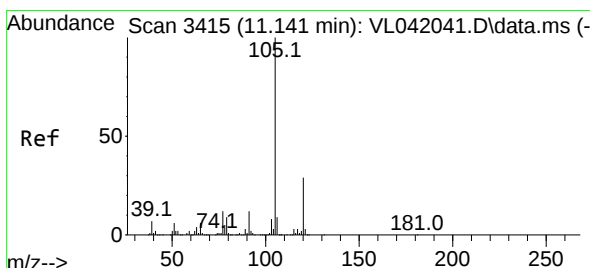
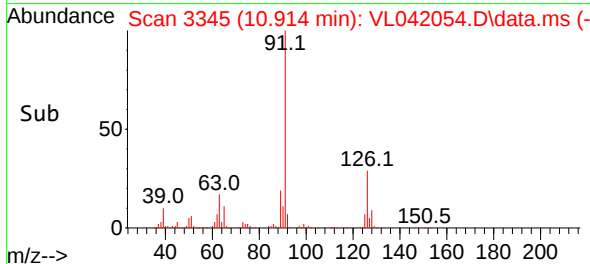
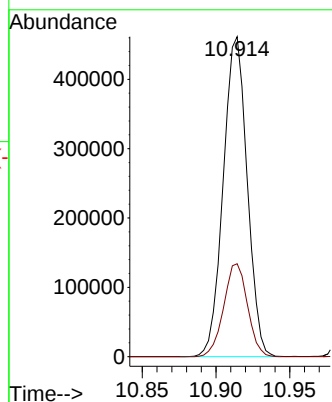
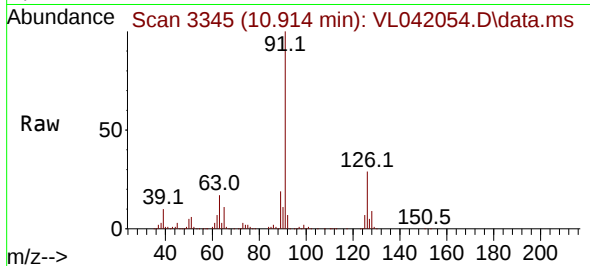
#71
2-Chlorotoluene
Concen: 9.603 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01

Tgt Ion: 91 Resp: 52089
Ion Ratio Lower Upper
91 100
126 28.9 11.9 47.5

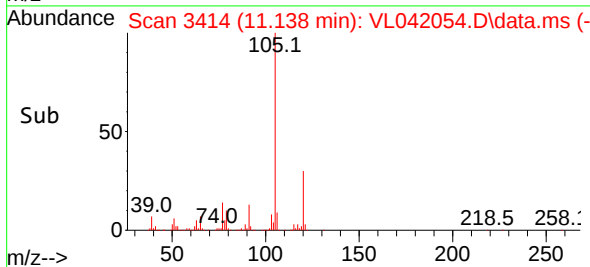
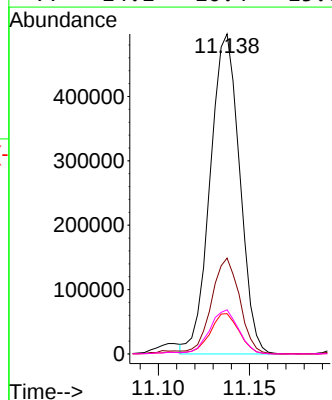
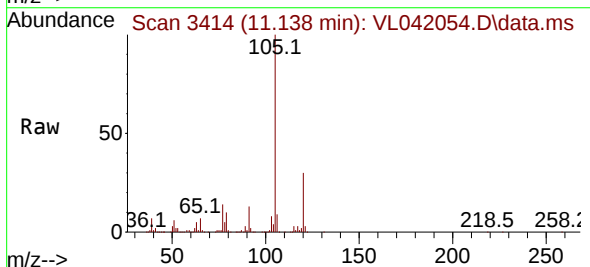
Manual Integrations
APPROVED

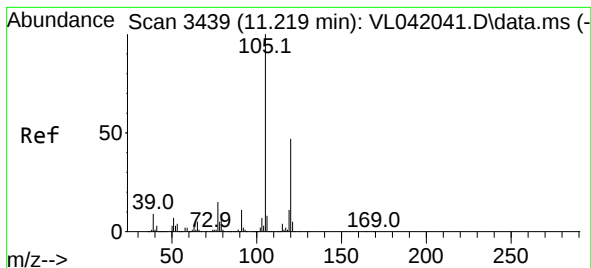
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#72
4-Ethyltoluene
Concen: 9.734 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

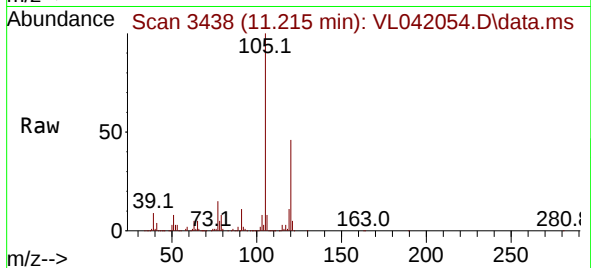
Tgt Ion:105 Resp: 558376
Ion Ratio Lower Upper
105 100
120 29.7 24.1 36.1
91 13.0 10.2 15.4
77 14.1 10.4 15.6





#73
1,3,5-Trimethylbenzene
Concen: 9.557 ppbv
RT: 11.215 min Scan# 3439
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

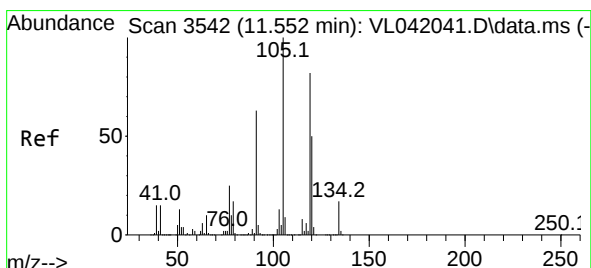
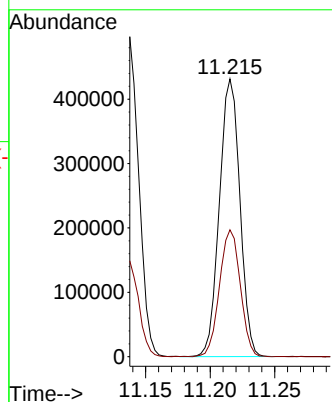
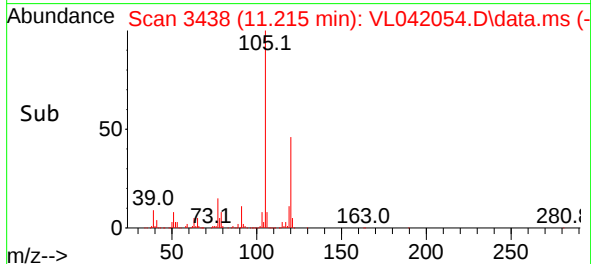
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



Tgt Ion:105 Resp: 475560
Ion Ratio Lower Upper
105 100
120 45.6 37.4 56.0

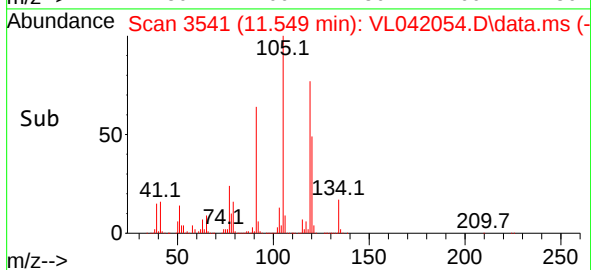
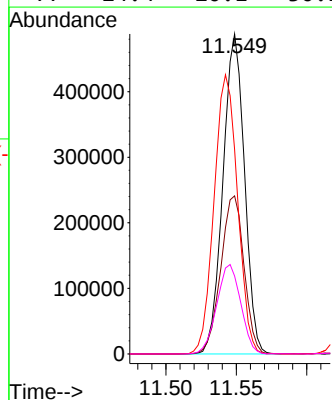
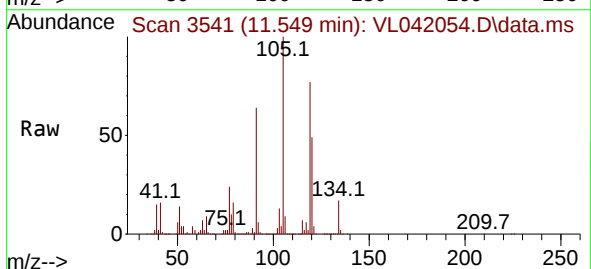
Manual Integrations
APPROVED

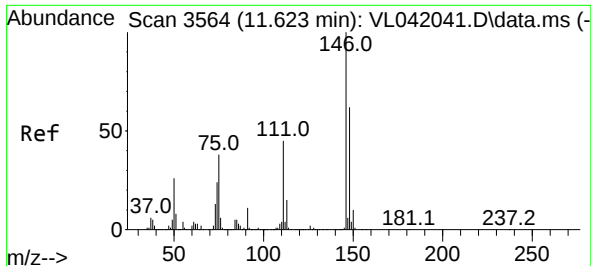
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#74
1,2,4-Trimethylbenzene
Concen: 9.288 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Tgt Ion:105 Resp: 520419
Ion Ratio Lower Upper
105 100
120 49.4 40.2 60.2
91 63.9 51.4 77.2
77 24.4 20.1 30.1





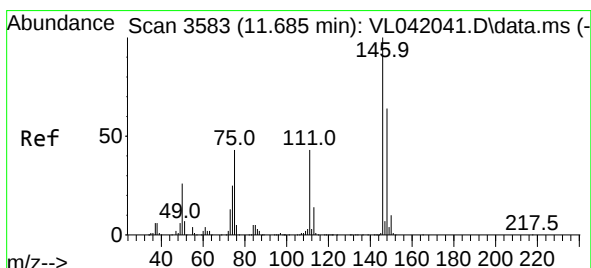
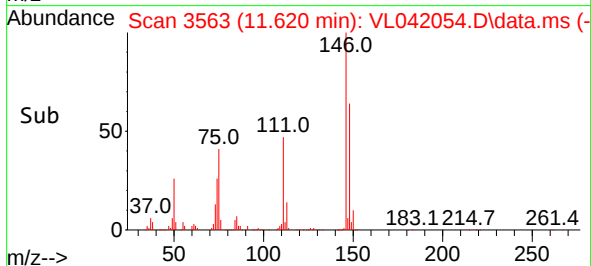
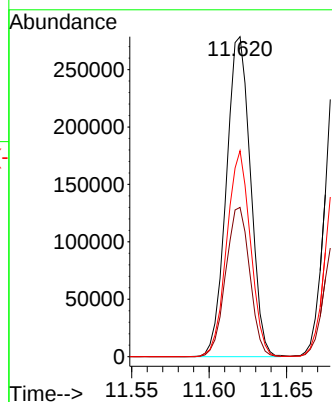
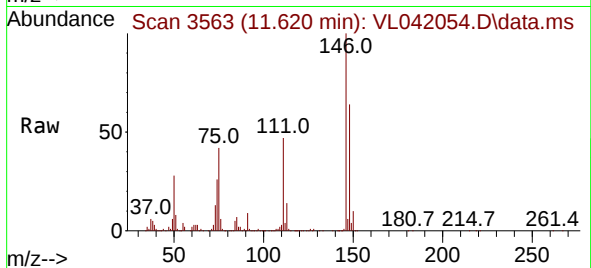
#75
1,3-Dichlorobenzene
Concen: 9.390 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01

Tgt Ion:146 Resp: 302808
Ion Ratio Lower Upper
146 100
111 46.5 22.4 67.2
148 63.1 32.3 96.8

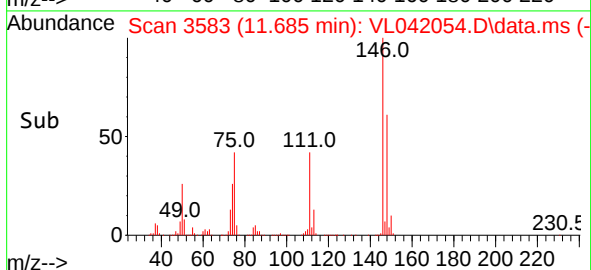
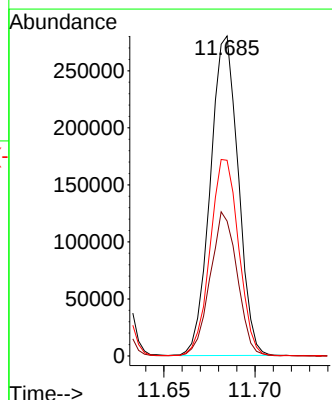
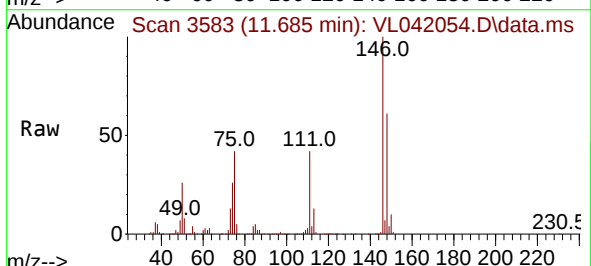
Manual Integrations
APPROVED

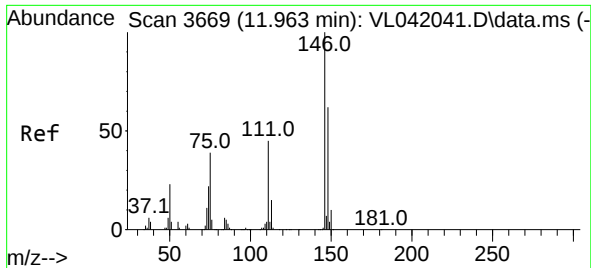
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#76
1,4-Dichlorobenzene
Concen: 9.311 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. 0.000 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

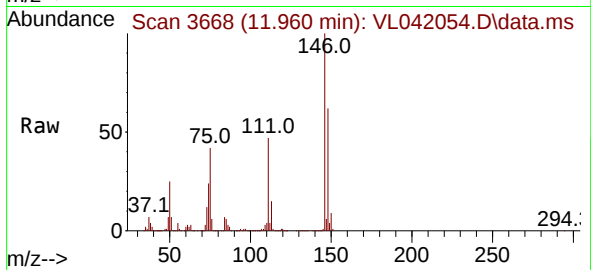
Tgt Ion:146 Resp: 298128
Ion Ratio Lower Upper
146 100
111 44.1 21.5 64.5
148 63.4 31.6 95.0





#77
1,2-Dichlorobenzene
Concen: 9.364 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07

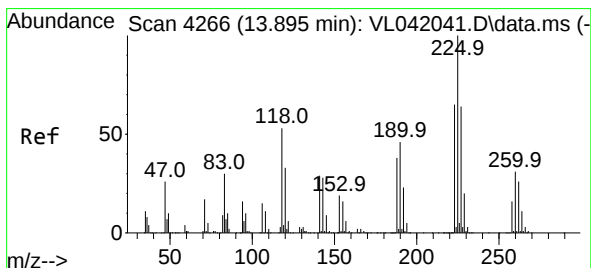
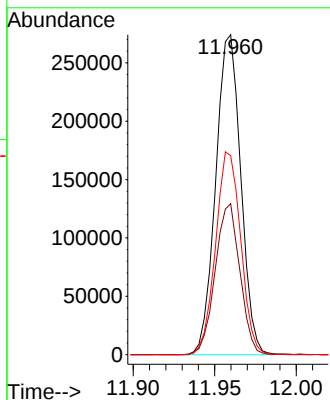
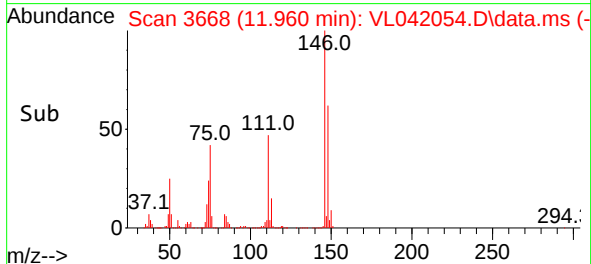
Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01



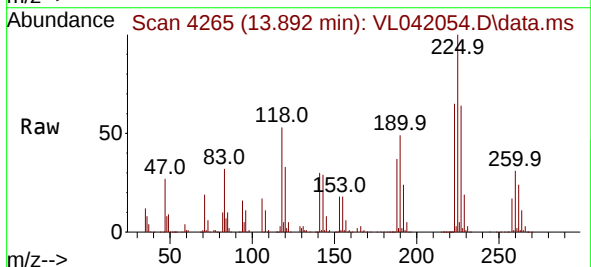
Tgt Ion:146 Resp: 29304
Ion Ratio Lower Upper
146 100
111 46.5 23.2 69.6
148 63.6 31.4 94.2

Manual Integrations
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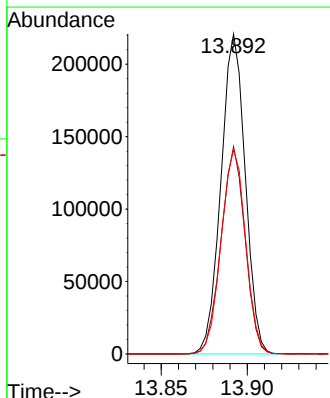
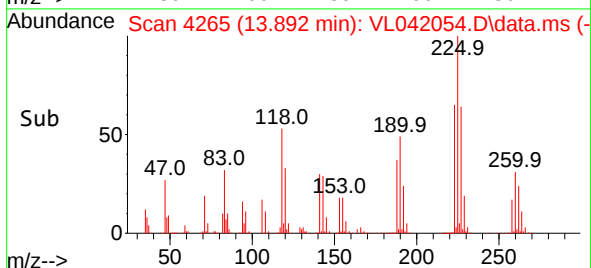
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

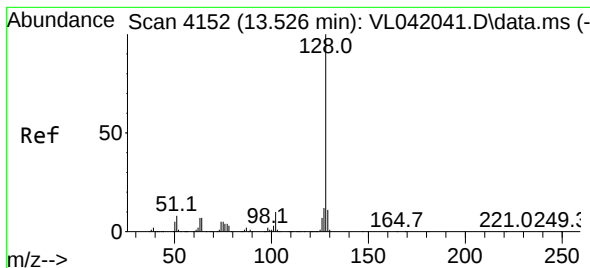


#78
Hexachloro-1,3-Butadiene
Concen: 8.911 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL042054.D
Acq: 26 Feb 2025 11:07



Tgt Ion:225 Resp: 216968
Ion Ratio Lower Upper
225 100
223 63.8 50.2 75.2
227 64.3 50.8 76.2





#79

Naphthalene

Concen: 12.399 ppbv

RT: 13.523 min Scan# 4152

Delta R.T. -0.003 min

Lab File: VL042054.D

Acq: 26 Feb 2025 11:07

Instrument :

MSVOA_L

ClientSampleId :

VL0226ABS01

Tgt Ion:128 Resp: 476359

Ion Ratio Lower Upper

128 100

127 12.6 9.8 14.6

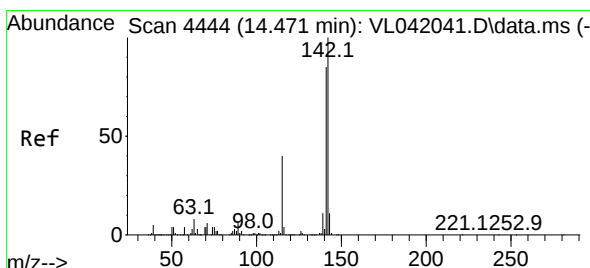
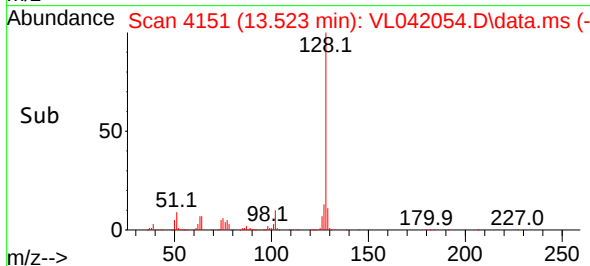
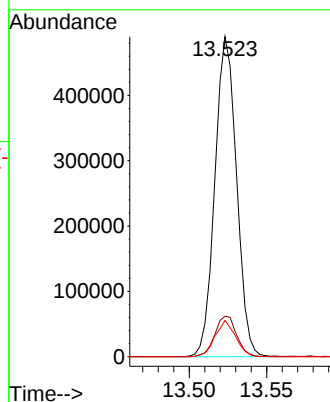
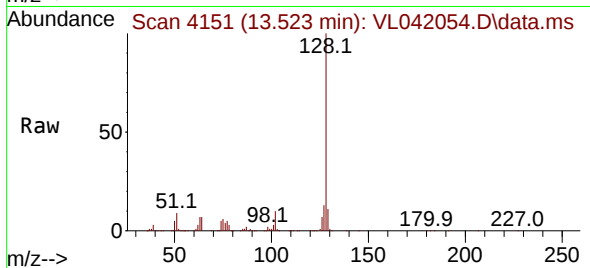
129 11.3 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#80

Naphthalene,2-methyl-

Concen: 17.792 ppbv

RT: 14.468 min Scan# 4443

Delta R.T. -0.003 min

Lab File: VL042054.D

Acq: 26 Feb 2025 11:07

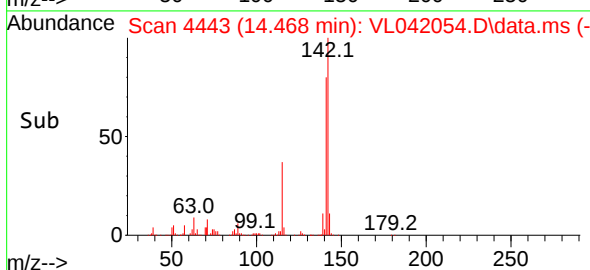
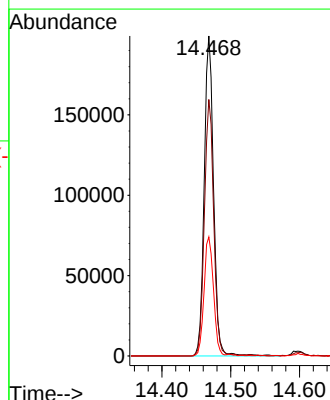
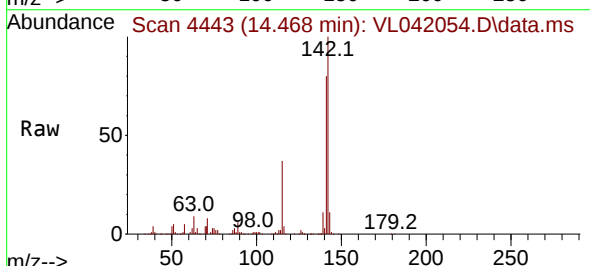
Tgt Ion:142 Resp: 187061

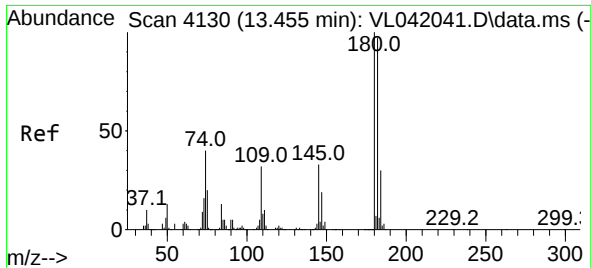
Ion Ratio Lower Upper

142 100

141 81.3 65.8 98.6

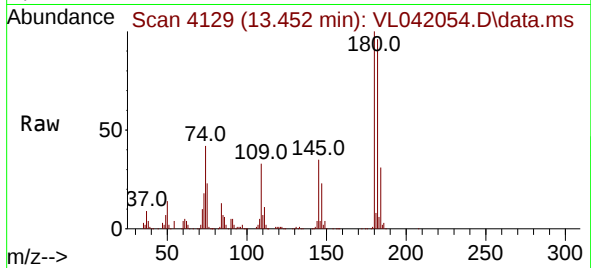
115 38.4 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.194 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042054.D
 Acq: 26 Feb 2025 11:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0226ABS01



Tgt Ion:180 Resp: 218258
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.1 112.7
 184 29.9 23.8 35.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

