

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042039.D
 Acq On : 21 Feb 2025 14:07
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 21 21:53:27 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M

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

QLast Update : Tue Feb 18 00:13:37 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	107319	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.959	114	270011	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.885	117	239019	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 205896 10.443 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	168793	9.136	ppbv	93
3) Chlorodifluoromethane	1.476	51	236947	11.601	ppbv	99
4) Chloromethane	1.534	50	65457	9.117	ppbv	99
5) Vinyl Chloride	1.580	62	61896	7.210	ppbv	99
6) Bromomethane	1.667	94	28423	8.541	ppbv	98
7) Chloroethane	1.706	64	25659	9.171	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	141682	8.718	ppbv	98
9) Propene	1.482	41	92288	10.481	ppbv	96
10) Heptane	4.985	43	280764	11.482	ppbv	98
11) Trichlorofluoromethane	1.877	101	168376	9.056	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.140	101	129761	8.950	ppbv	99
13) Ethanol	1.722	45	4903	4.937	ppbv	89
14) Bromoethene	1.784	108	46857	8.654	ppbv	97
15) Acetone	1.835	43	141344	7.979	ppbv	96
16) 1,3-Butadiene	1.609	39	69355	8.253	ppbv	99
17) tert-Butyl alcohol	2.042	59	176926	8.072	ppbv	97
18) 1,1-Dichloroethene	2.036	96	55729	8.043	ppbv	99
19) Isopropyl Alcohol	1.887	45	79049	7.958	ppbv	97
20) Methylene Chloride	2.062	84	51525	7.727	ppbv	97
21) Allyl Chloride	2.097	41	103960	8.106	ppbv	98
22) trans-1,2-Dichloroethene	2.340	96	66737	8.876	ppbv	96
23) Vinyl Acetate	2.463	43	141769	14.780	ppbv	98
24) 1,1-Dichloroethane	2.411	63	135757	8.893	ppbv	99
25) Ethyl Acetate	2.839	43	568377	11.691	ppbv	99
26) Hexane	2.829	57	237219	12.158	ppbv	95
27) Carbon Disulfide	2.149	76	169781	9.252	ppbv	97
28) Methyl tert-Butyl Ether	2.441	73	113493	9.516	ppbv	99
29) Chloroform	2.852	83	307000	10.864	ppbv	97
30) Cyclohexane	3.858	84	185648	11.730	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	221584	11.491	ppbv	95
32) 1,1,1-Trichloroethane	3.369	97	310707	9.914	ppbv	98
34) 2-Butanone	2.560	43	324492	13.969	ppbv	99
35) Carbon Tetrachloride	3.764	117	296092	11.293	ppbv	99
36) Benzene	3.658	78	436094	13.333	ppbv	99
37) 1,2-Dichloroethane	3.221	62	250762	13.468	ppbv	99
38) Trichloroethene	4.548	130	153529	11.554	ppbv	89
39) 1,2-Dichloropropane	4.318	63	162135	13.521	ppbv	95
40) 1,4-Dioxane	4.586	88	73465	11.774	ppbv #	94
41) Tetrahydrofuran	3.059	42	191348	14.413	ppbv	96
42) Bromodichloromethane	4.493	83	337106	13.364	ppbv	94
43) Methyl Methacrylate	4.884	69	179871	12.064	ppbv	95
44) 2,2,4-Trimethylpentane	4.641	57	760401	13.695	ppbv	98
45) t-1,3-Dichloropropene	6.422	75	186371	13.241	ppbv	95

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Manual Integrations
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 Supervised By :Mahesh Dadoda 02/24/2025

Quant Time: Feb 21 21:53:27 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M

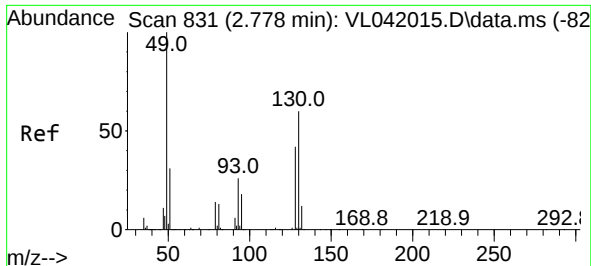
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Feb 18 00:13:37 2025

Response via : Initial Calibration

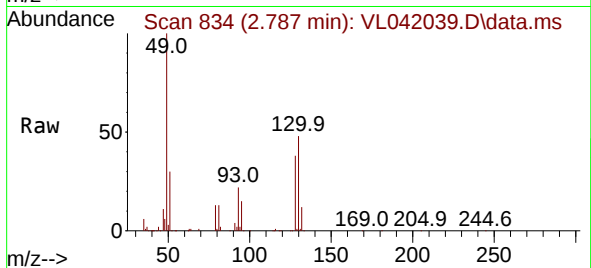
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	238360	13.347	ppbv	96
47) 1,1,2-Trichloroethane	6.587	97	161278	12.780	ppbv	95
48) Dibromochloromethane	7.389	129	256951	12.157	ppbv	99
49) Bromoform	9.487	173	205542	11.856	ppbv	98
50) 4-Methyl-2-Pentanone	5.755	43	460781	12.906	ppbv	100
51) 2-Hexanone	7.441	43	376032	12.878	ppbv #	99
52) Tetrachloroethene	8.228	164	129787	11.377	ppbv	98
53) Toluene	6.936	91	494594	12.690	ppbv	100
54) 1,2-Dibromoethane	7.655	107	219203	12.616	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.927	131	195165	11.408	ppbv	97
57) Chlorobenzene	8.924	112	347903	12.373	ppbv	94
58) Ethyl Benzene	9.357	91	681298	13.024	ppbv	99
59) m/p-Xylene	9.555	91	1073685m	26.058	ppbv	
60) o-Xylene	9.966	91	524229	12.580	ppbv	99
61) Styrene	9.872	104	256970	12.932	ppbv	97
62) Isopropylbenzene	10.542	105	777313	12.425	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	338130	12.577	ppbv	99
64) n-propylbenzene	10.992	120	190915	12.419	ppbv	93
65) tert-Butylbenzene	11.536	119	657527	12.056	ppbv	97
66) Benzyl Chloride	11.620	91	65030	11.895	ppbv	98
67) sec-Butylbenzene	11.772	105	962715	12.566	ppbv	99
69) p-Isopropyltoluene	11.927	119	763997	12.183	ppbv	98
70) n-Butylbenzene	12.283	91	825349	13.361	ppbv	99
71) 2-Chlorotoluene	10.904	91	610815	12.964	ppbv	98
72) 4-Ethyltoluene	11.128	105	631669	12.938	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	536429	12.737	ppbv	97
74) 1,2,4-Trimethylbenzene	11.539	105	567986	12.566	ppbv #	89
75) 1,3-Dichlorobenzene	11.610	146	307630	12.644	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	306295	12.909	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	298742	12.845	ppbv	98
78) Hexachloro-1,3-Butadiene	13.885	225	198295	10.306	ppbv	99
79) Naphthalene	13.516	128	515768	11.601	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	230760	11.464	ppbv	97
81) 1,2,4-Trichlorobenzene	13.442	180	214996	11.896	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

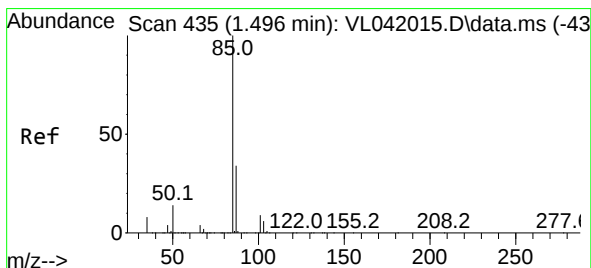
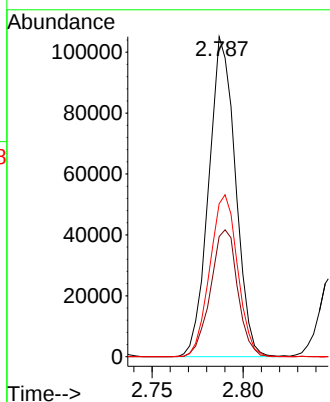
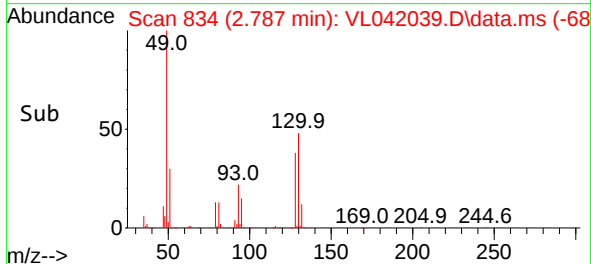
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



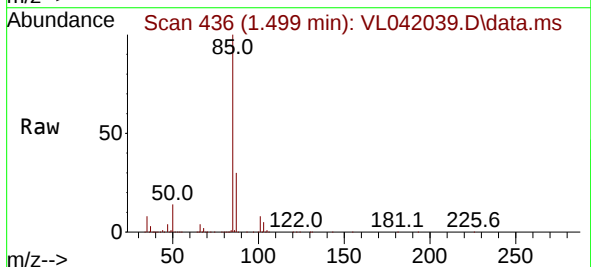
Tgt Ion: 49 Resp: 107319
Ion Ratio Lower Upper
49 100
128 40.2 22.7 68.0
130 52.2 29.9 89.8

Manual Integrations
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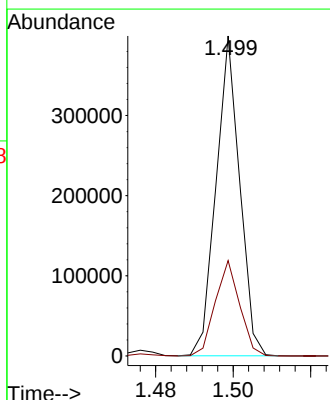
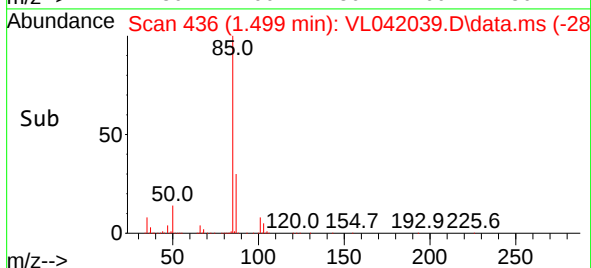
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

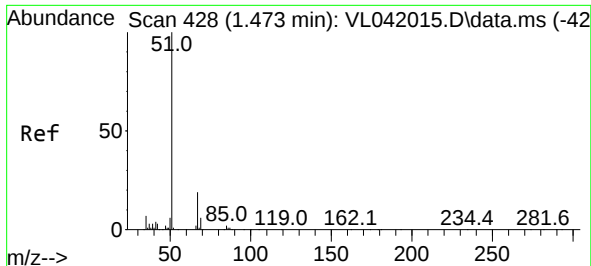


#2
Dichlorodifluoromethane
Concen: 9.136 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



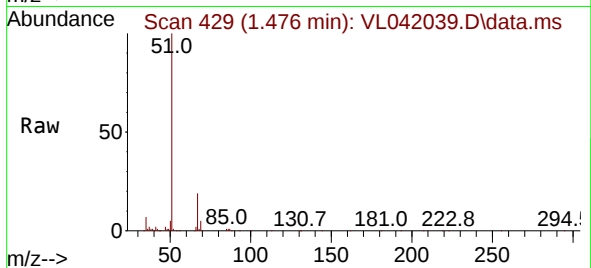
Tgt Ion: 85 Resp: 168793
Ion Ratio Lower Upper
85 100
87 29.8 26.9 40.3





#3
Chlorodifluoromethane
Concen: 11.601 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

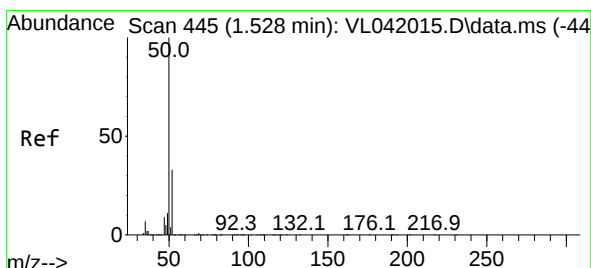
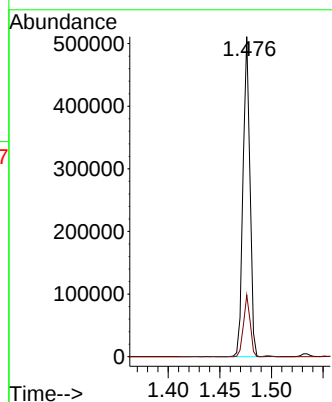
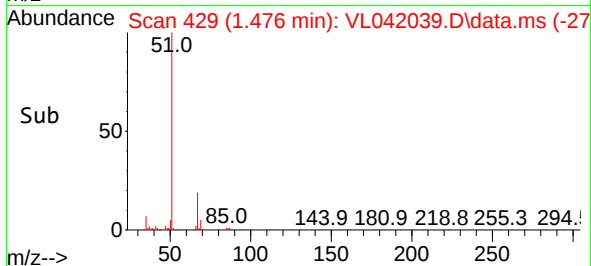
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



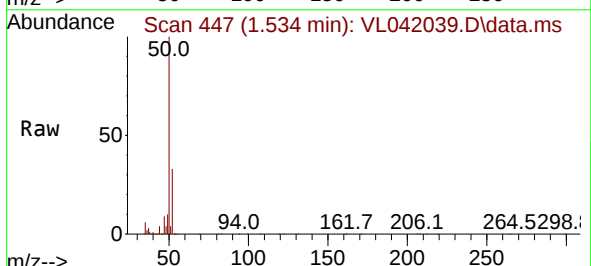
Tgt Ion: 51 Resp: 23694
Ion Ratio Lower Upper
51 100
67 18.6 15.0 22.6

Manual Integrations
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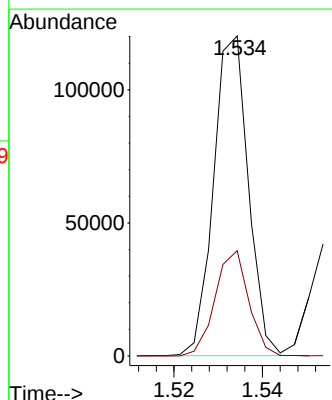
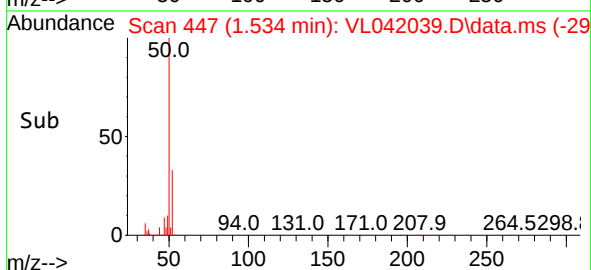
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

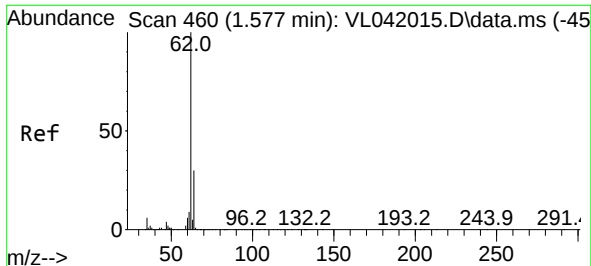


#4
Chloromethane
Concen: 9.117 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



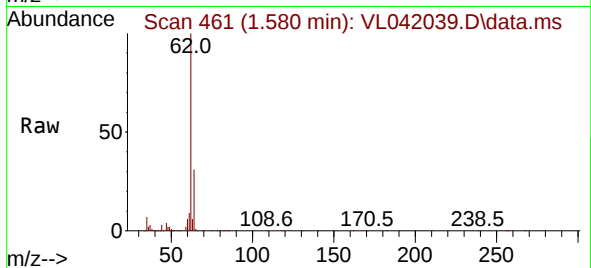
Tgt Ion: 50 Resp: 65457
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2





#5
 Vinyl Chloride
 Concen: 7.210 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

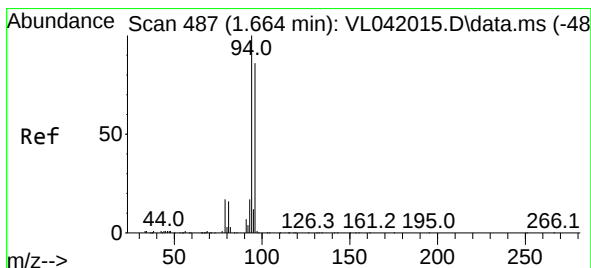
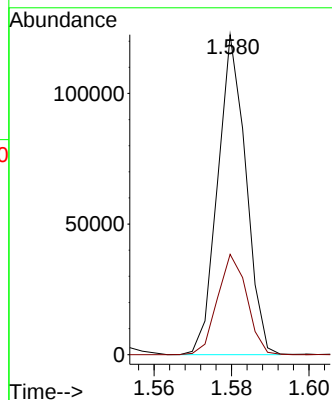
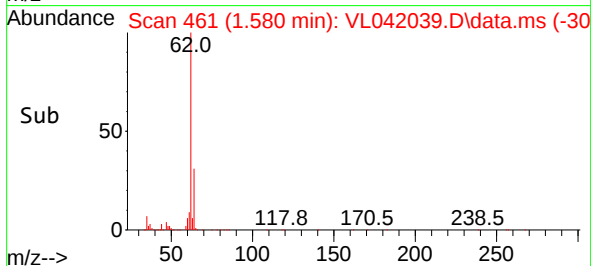
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 61890
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.4 36.6

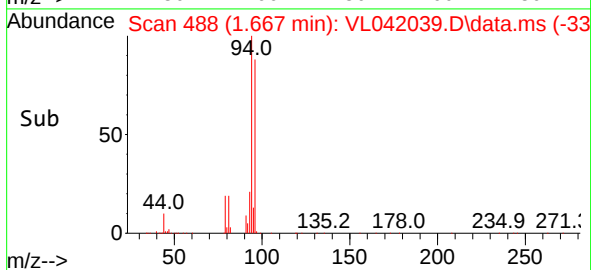
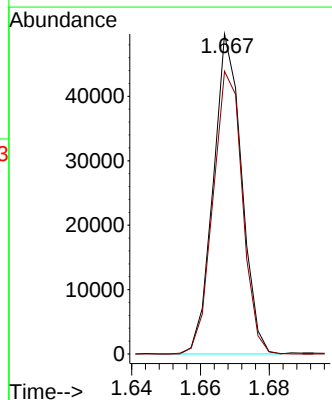
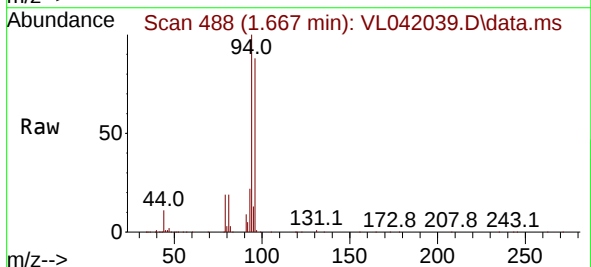
Manual Integrations
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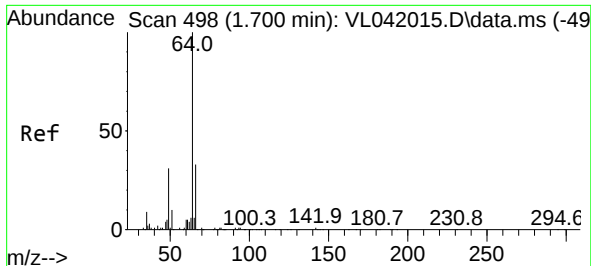
Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#6
 Bromomethane
 Concen: 8.541 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

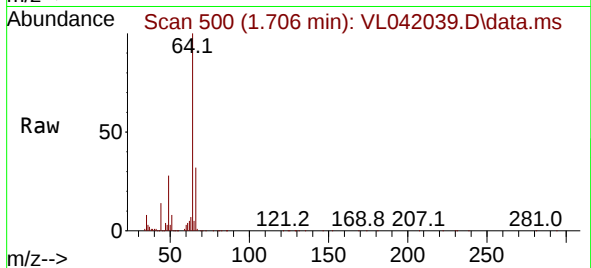
Tgt Ion: 94 Resp: 28423
 Ion Ratio Lower Upper
 94 100
 96 88.2 69.0 103.6





#7
Chloroethane
Concen: 9.171 ppbv
RT: 1.706 min Scan# 50
Delta R.T. -0.003 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

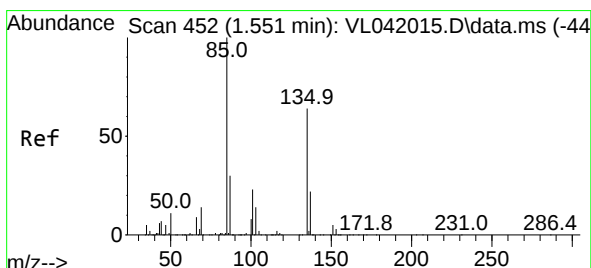
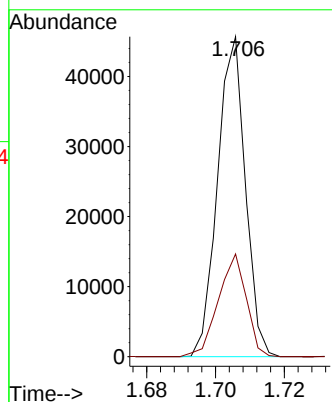
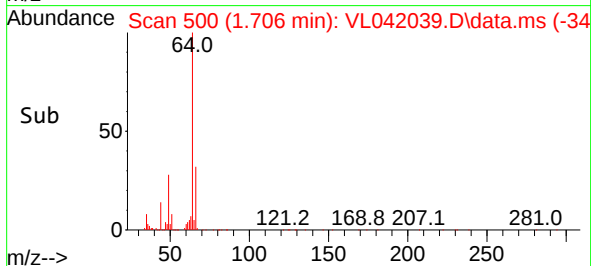
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 25659
Ion Ratio Lower Upper
64 100
66 32.1 26.5 39.7

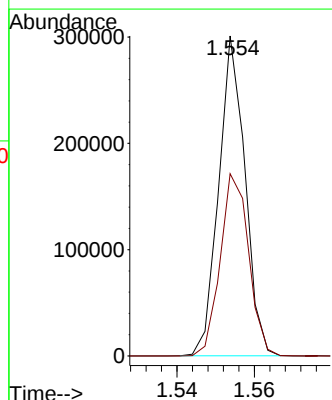
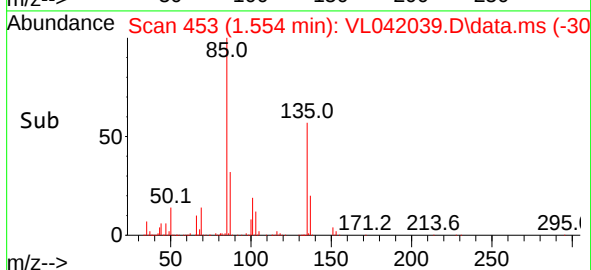
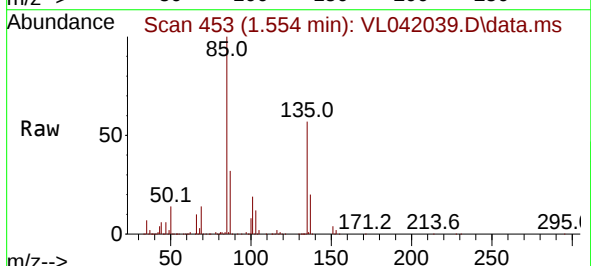
Manual Integrations
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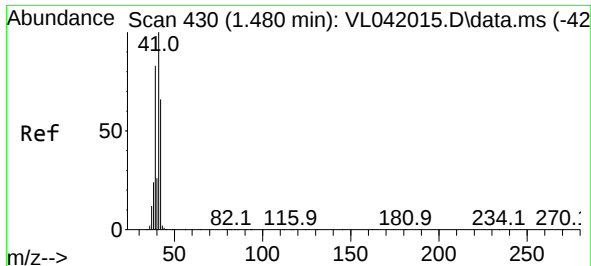
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#8
Dichlorotetrafluoroethane
Concen: 8.718 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

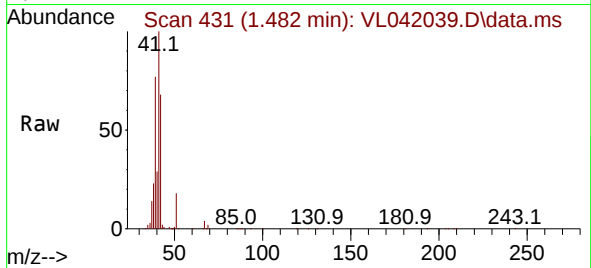
Tgt Ion: 85 Resp: 141682
Ion Ratio Lower Upper
85 100
135 61.7 50.9 76.3





#9
 Propene
 Concen: 10.481 ppbv
 RT: 1.482 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

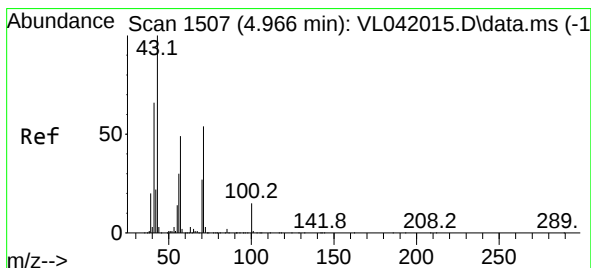
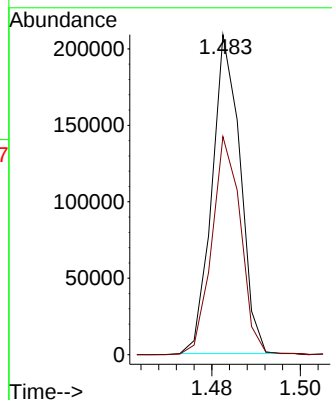
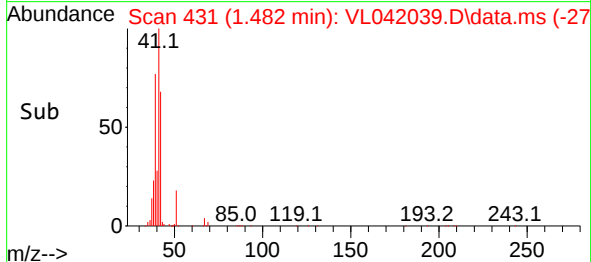
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 92288
 Ion Ratio Lower Upper
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 42 70.3 53.5 80.3

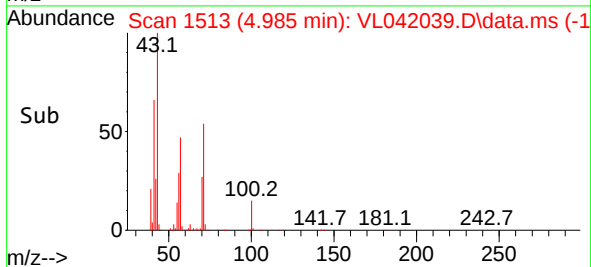
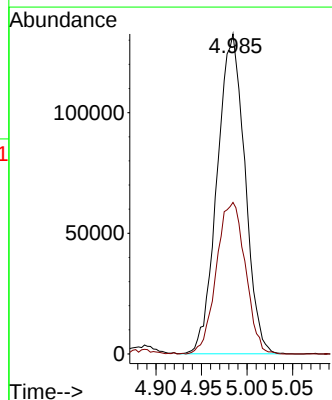
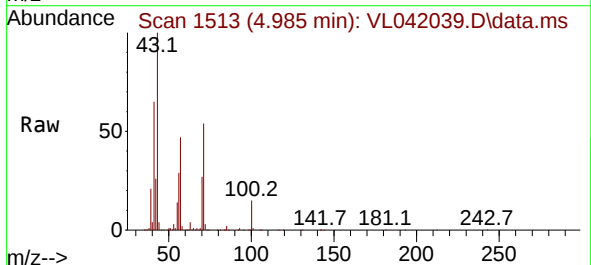
Manual Integrations
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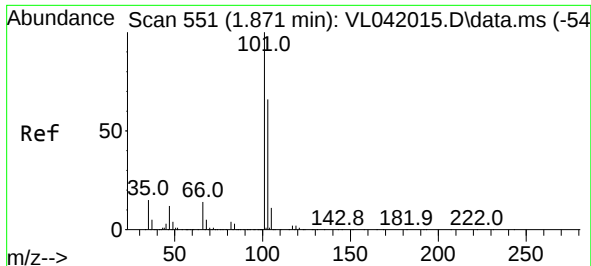
Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#10
 Heptane
 Concen: 11.482 ppbv
 RT: 4.985 min Scan# 1513
 Delta R.T. -0.019 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

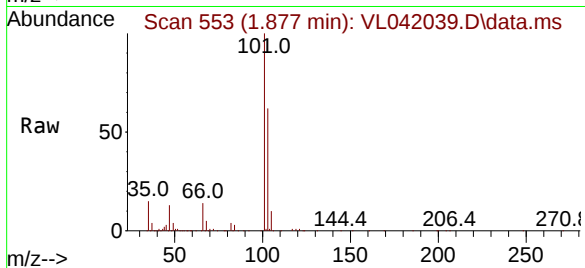
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 Ion Ratio Lower Upper
 43 100
 57 49.6 41.0 61.6





#11
Trichlorofluoromethane
Concen: 9.056 ppbv
RT: 1.877 min Scan# 511
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

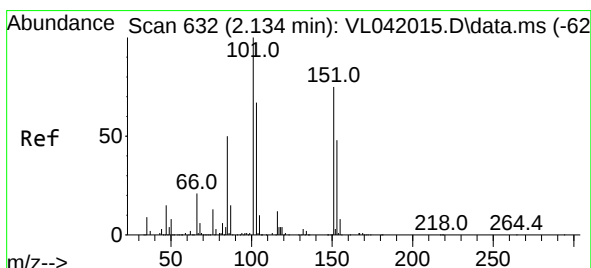
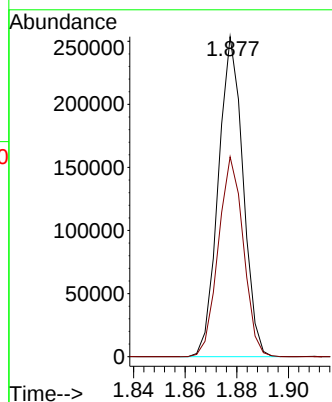
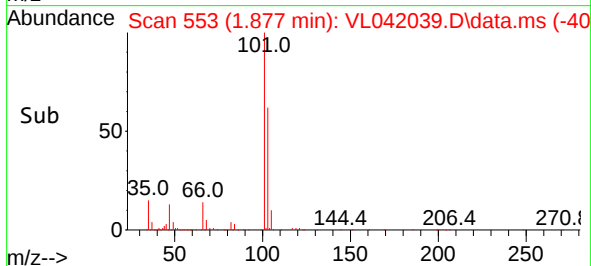
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



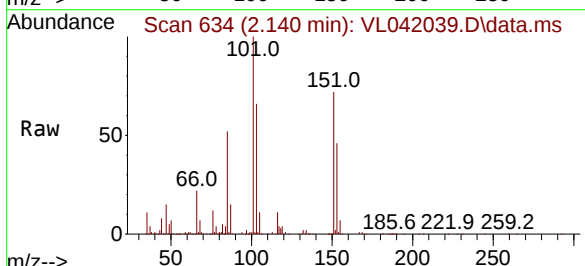
Tgt Ion:101 Resp: 168370
Ion Ratio Lower Upper
101 100
103 62.5 52.9 79.3

Manual Integrations
APPROVED

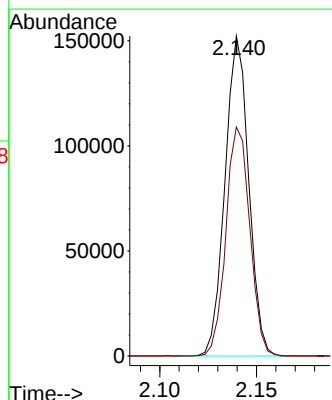
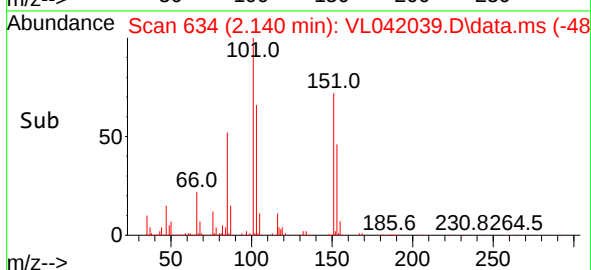
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

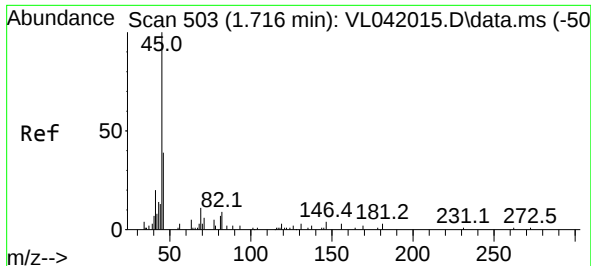


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.950 ppbv
RT: 2.140 min Scan# 634
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



Tgt Ion:101 Resp: 129761
Ion Ratio Lower Upper
101 100
151 72.3 58.2 87.2





#13

Ethanol

Concen: 4.937 ppbv

RT: 1.722 min Scan# 503

Delta R.T. -0.006 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 490

Ion Ratio Lower Upper

45 100

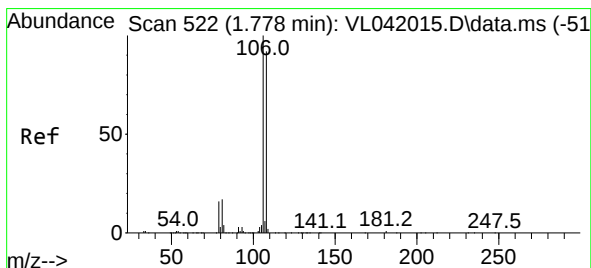
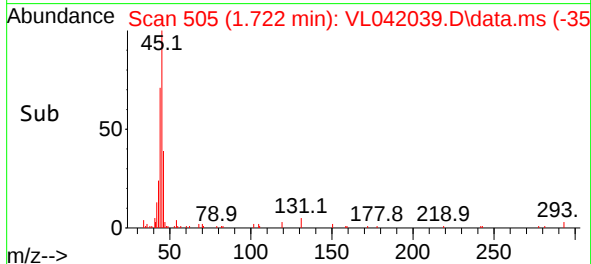
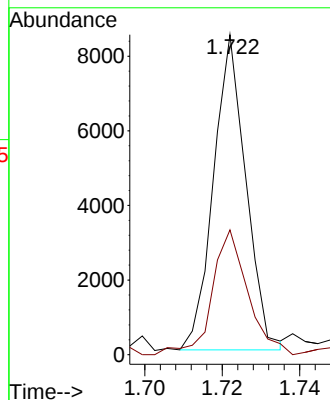
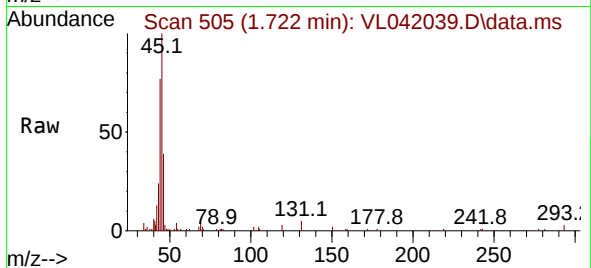
46 45.1 21.3 85.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#14

Bromoethene

Concen: 8.654 ppbv

RT: 1.784 min Scan# 524

Delta R.T. -0.003 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

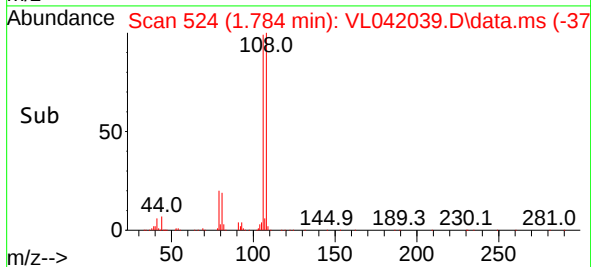
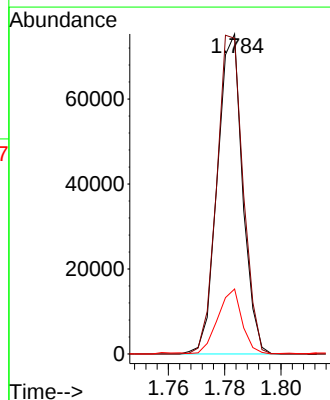
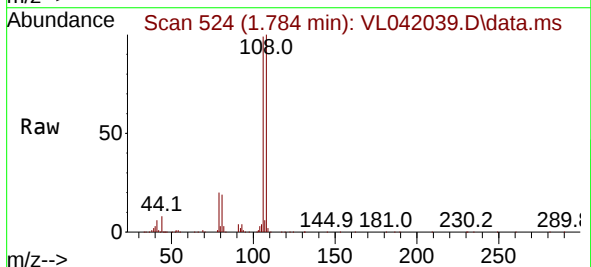
Tgt Ion:108 Resp: 46857

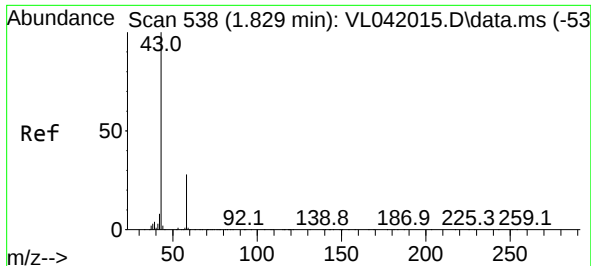
Ion Ratio Lower Upper

108 100

106 103.7 85.0 127.6

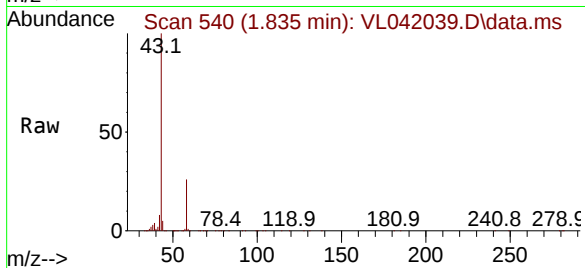
79 20.2 17.3 25.9





#15
Acetone
Concen: 7.979 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

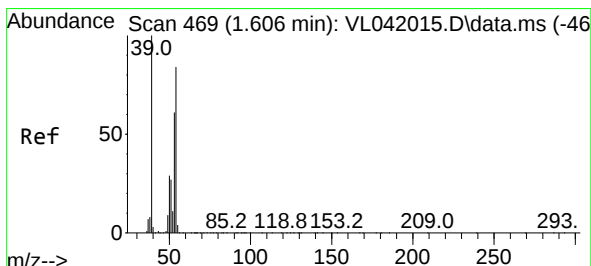
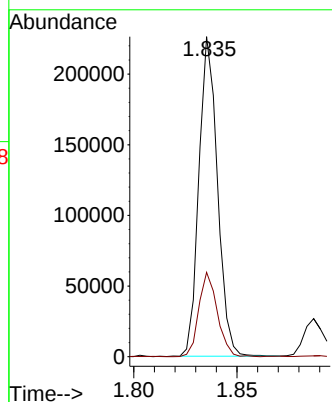
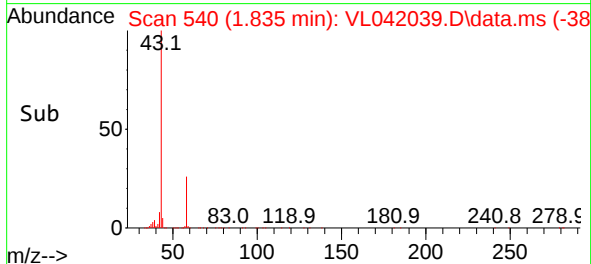
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



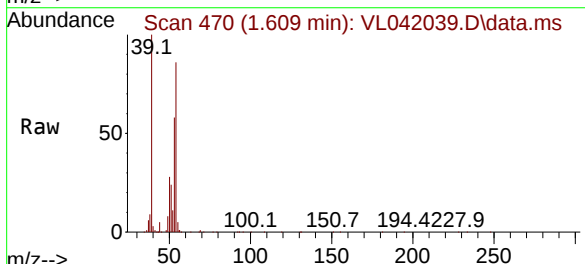
Tgt Ion: 43 Resp: 141344
Ion Ratio Lower Upper
43 100
58 26.4 22.9 34.3

Manual Integrations
APPROVED

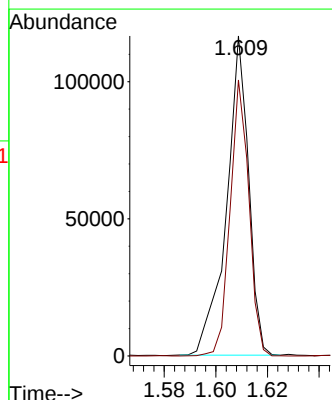
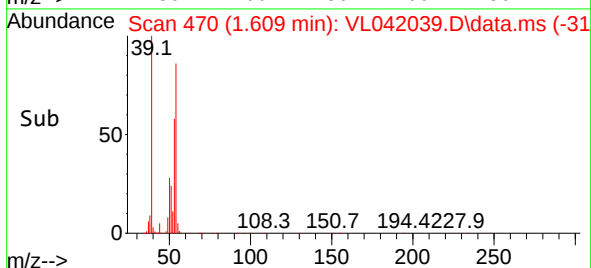
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

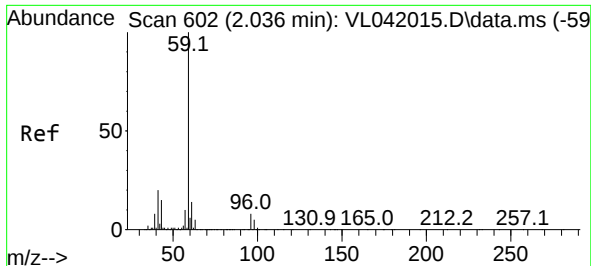


#16
1,3-Butadiene
Concen: 8.253 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



Tgt Ion: 39 Resp: 69355
Ion Ratio Lower Upper
39 100
54 73.3 59.4 89.2





#17

tert-Butyl alcohol

Concen: 8.072 ppbv

RT: 2.042 min Scan# 602

Delta R.T. -0.006 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 176920

Ion Ratio Lower Upper

59 100

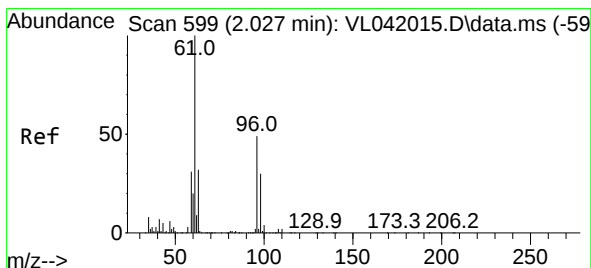
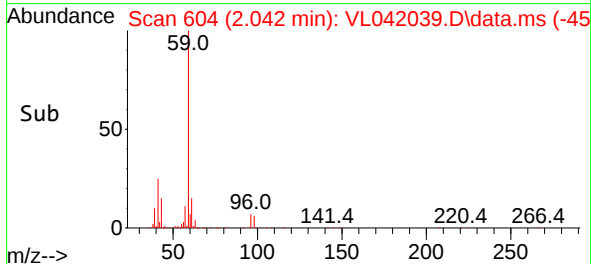
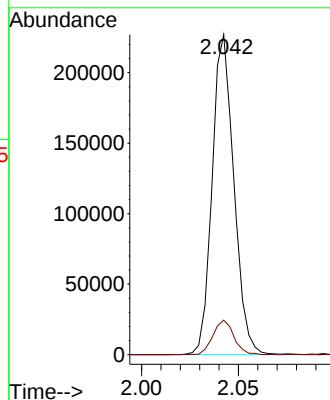
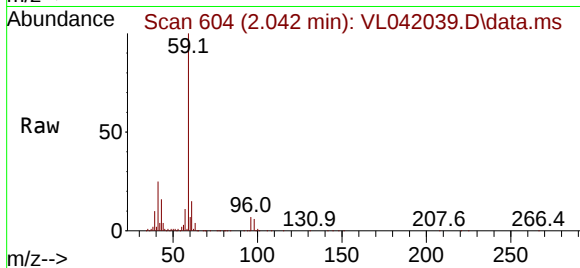
57 10.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#18

1,1-Dichloroethene

Concen: 8.043 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.006 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

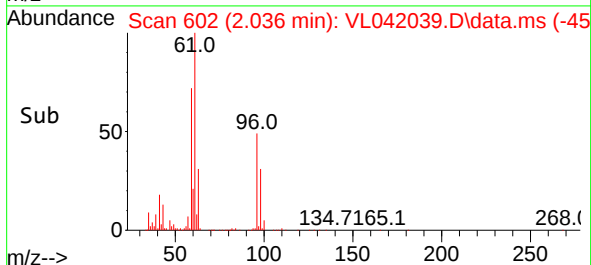
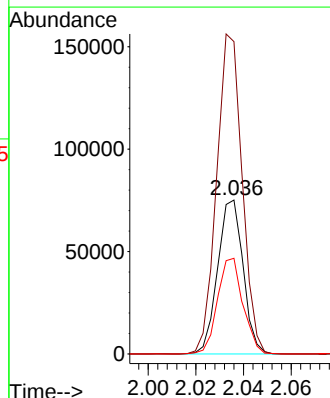
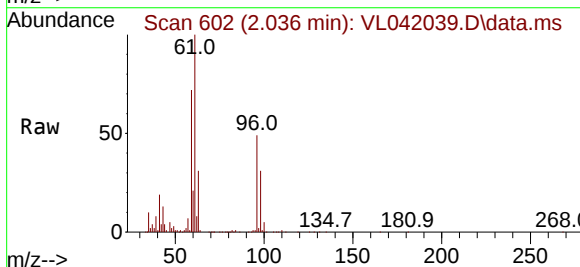
Tgt Ion: 96 Resp: 55729

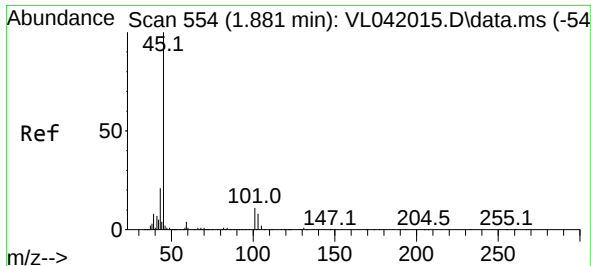
Ion Ratio Lower Upper

96 100

61 202.9 163.5 245.3

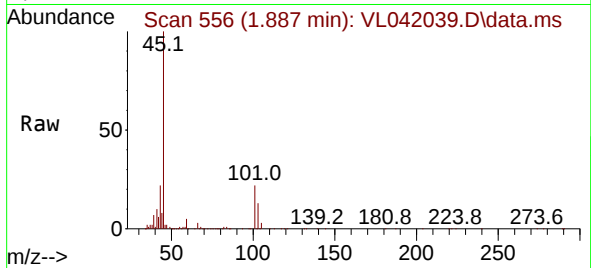
98 62.2 49.4 74.0





#19
Isopropyl Alcohol
Concen: 7.958 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

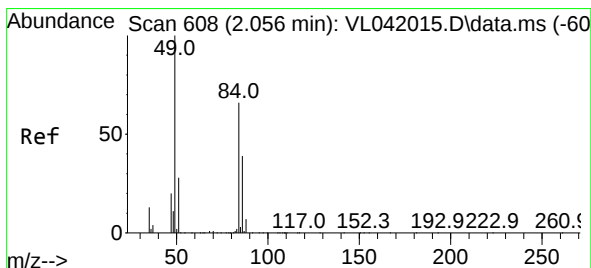
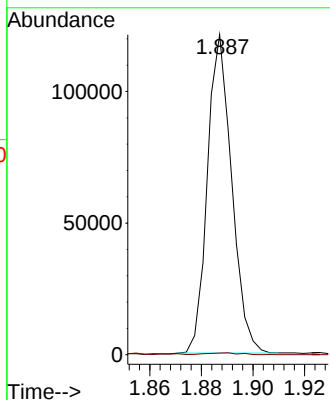
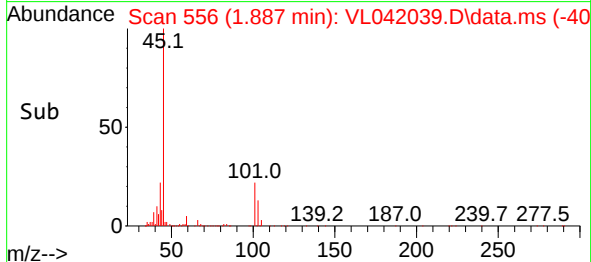
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



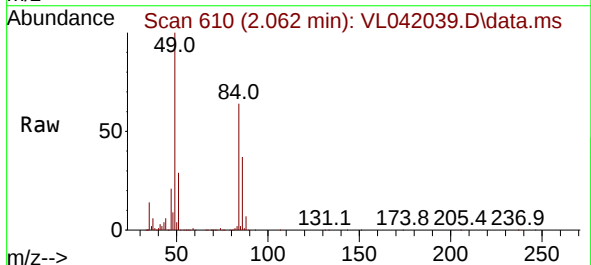
Tgt Ion: 45 Resp: 79049
Ion Ratio Lower Upper
45 100
58 47.3 36.2 54.4

Manual Integrations
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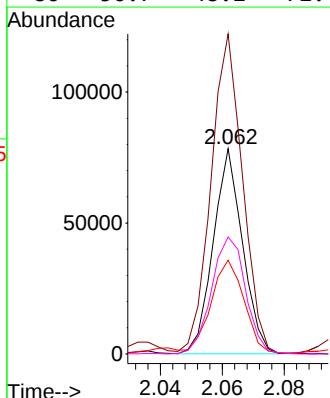
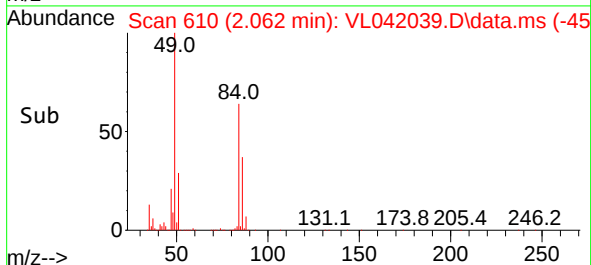
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

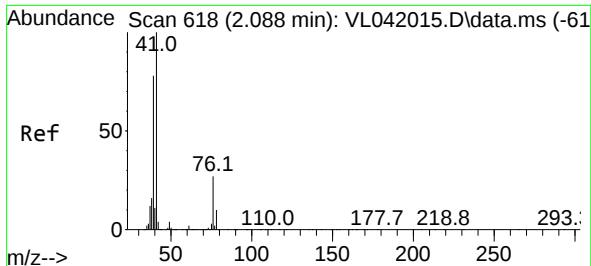


#20
Methylene Chloride
Concen: 7.727 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.006 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



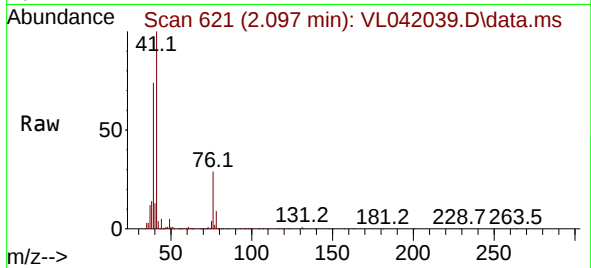
Tgt Ion: 84 Resp: 51525
Ion Ratio Lower Upper
84 100
49 155.4 121.0 181.4
51 45.2 35.1 52.7
86 56.7 48.2 72.4





#21
 Allyl Chloride
 Concen: 8.106 ppbv
 RT: 2.097 min Scan# 618
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

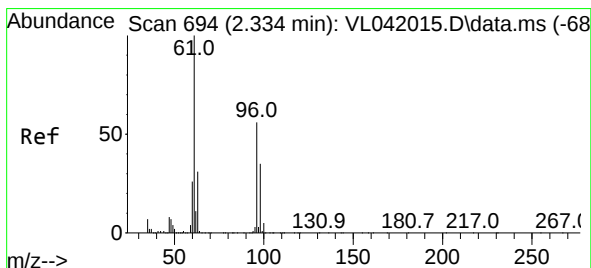
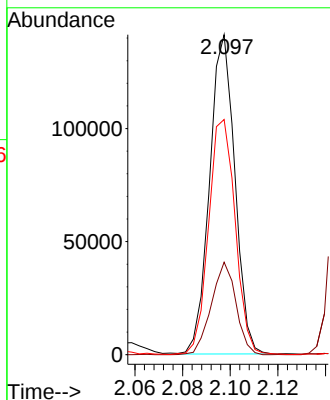
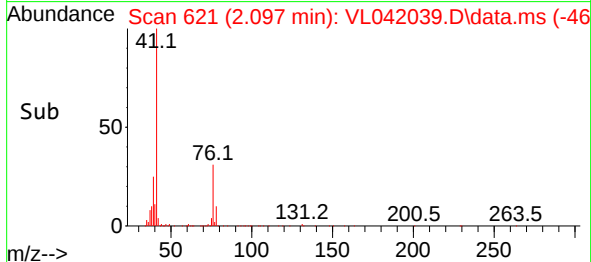
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



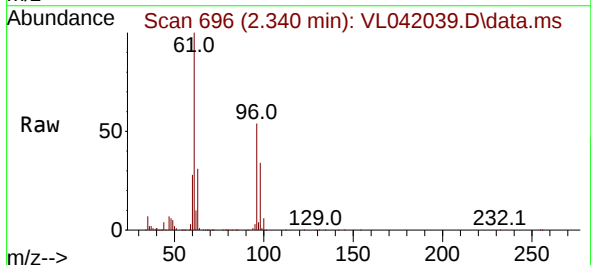
Tgt Ion: 41 Resp: 103960
 Ion Ratio Lower Upper
 41 100
 76 28.2 23.7 35.5
 39 77.1 63.0 94.6

Manual Integrations
 APPROVED

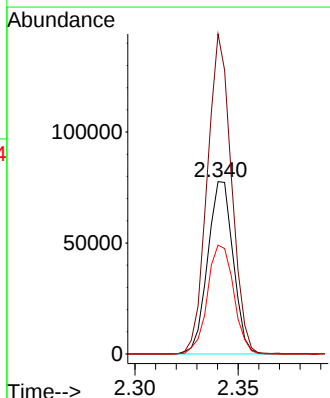
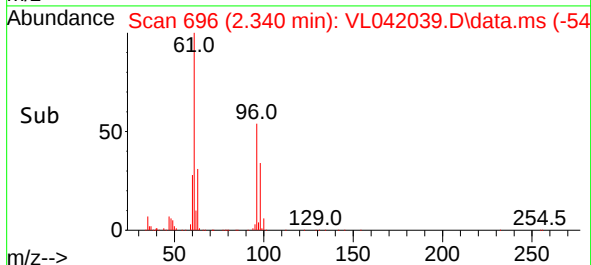
Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

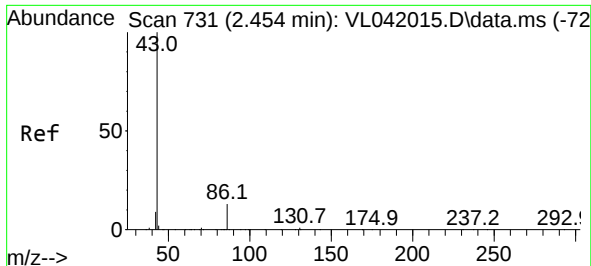


#22
 trans-1,2-Dichloroethene
 Concen: 8.876 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.010 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07



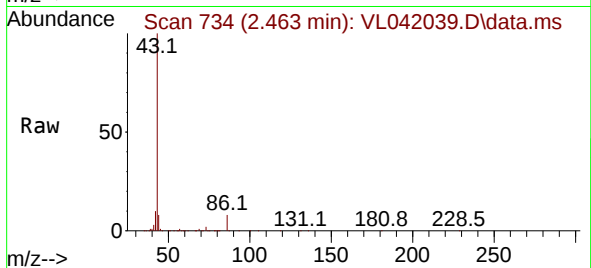
Tgt Ion: 96 Resp: 66737
 Ion Ratio Lower Upper
 96 100
 61 185.5 142.3 213.5
 98 63.2 50.2 75.2





#23
 Vinyl Acetate
 Concen: 14.780 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.010 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

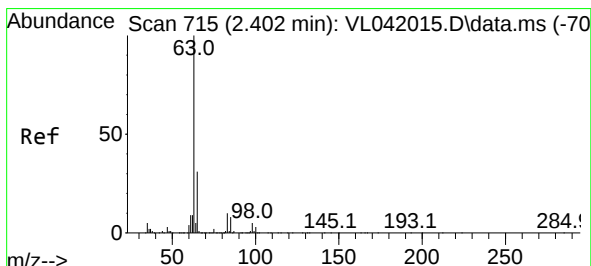
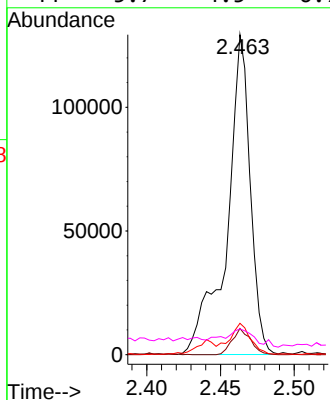
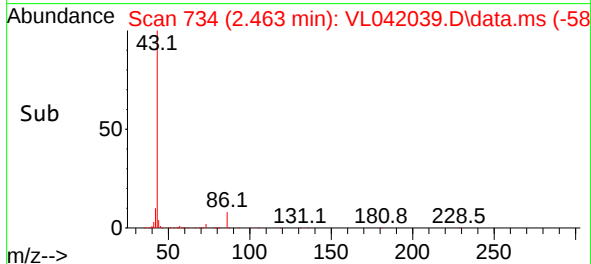
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



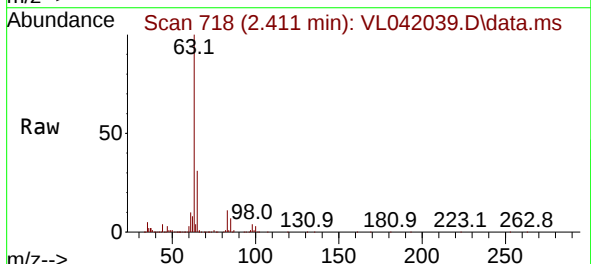
Tgt Ion: 43 Resp: 141769
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.1 12.1
 42 9.3 7.5 11.3
 44 5.7 4.5 6.7

Manual Integrations
 APPROVED

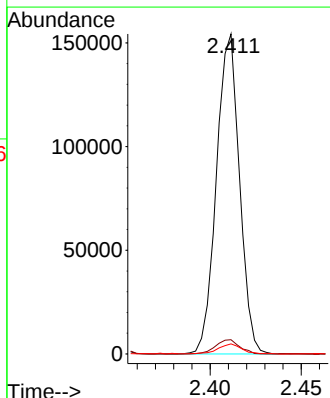
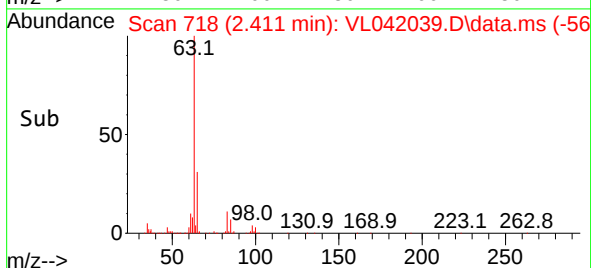
Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

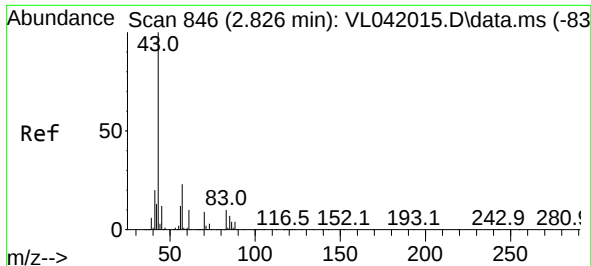


#24
 1,1-Dichloroethane
 Concen: 8.893 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.006 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07



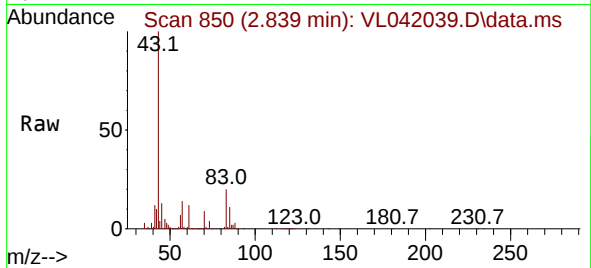
Tgt Ion: 63 Resp: 135757
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.4 7.2
 100 3.1 1.6 4.8





#25
Ethyl Acetate
Concen: 11.691 ppbv
RT: 2.839 min Scan# 846
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

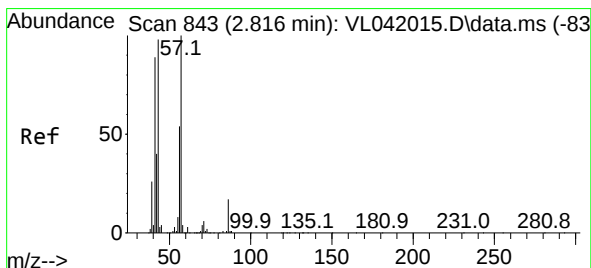
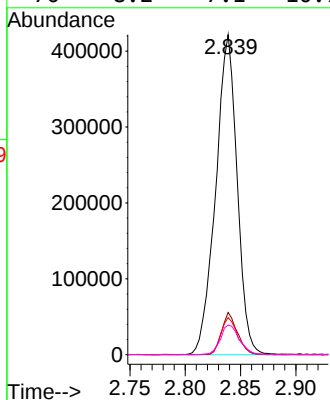
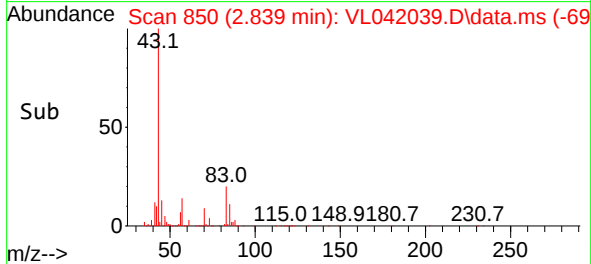
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 56837
Ion Ratio Lower Upper
43 100
45 9.8 8.1 12.1
61 9.2 7.5 11.3
70 8.2 7.1 10.7

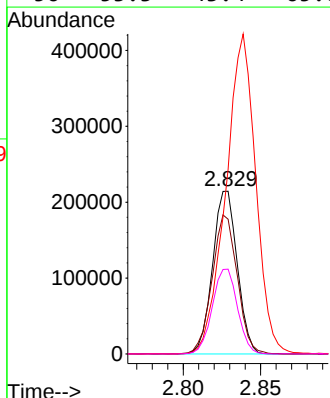
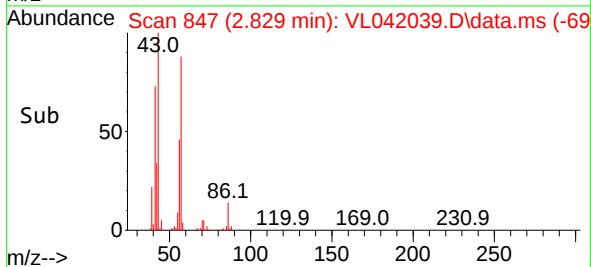
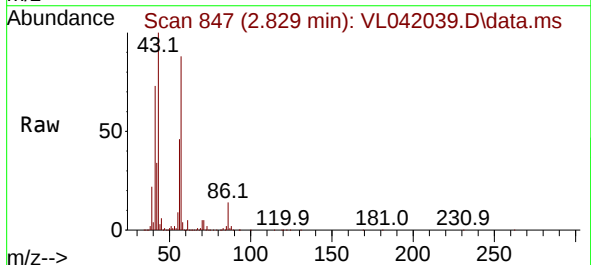
Manual Integrations
APPROVED

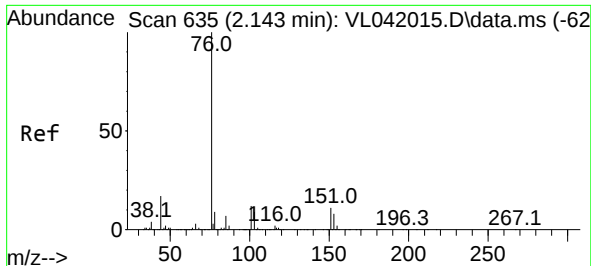
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#26
Hexane
Concen: 12.158 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 57 Resp: 237219
Ion Ratio Lower Upper
57 100
41 87.8 73.2 109.8
43 240.2 200.8 301.2
56 53.3 43.4 65.0





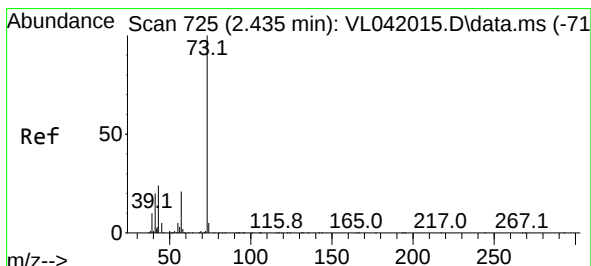
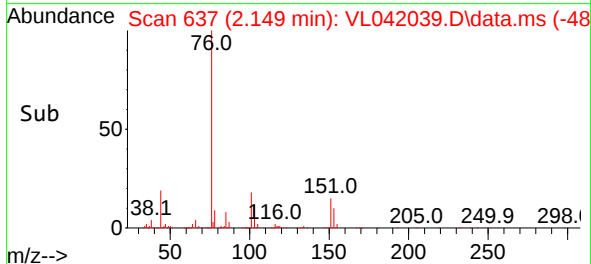
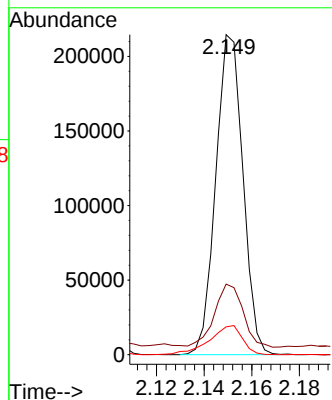
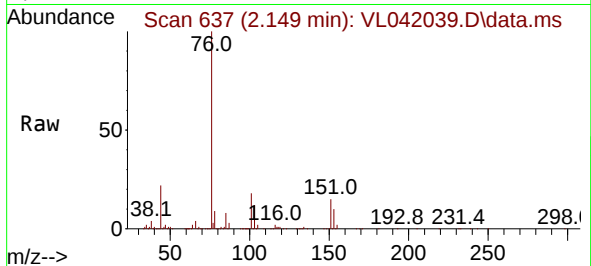
#27
Carbon Disulfide
Concen: 9.252 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 16978
Ion Ratio Lower Upper
76 100
44 20.7 18.1 27.1
78 11.1 9.5 14.3

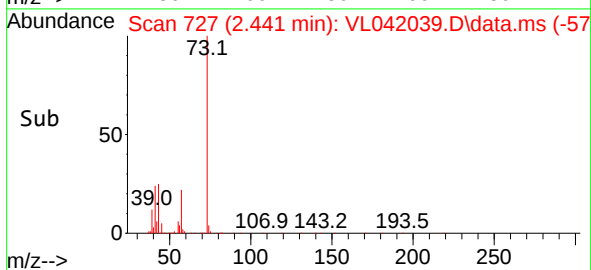
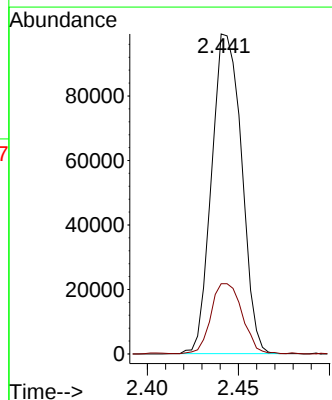
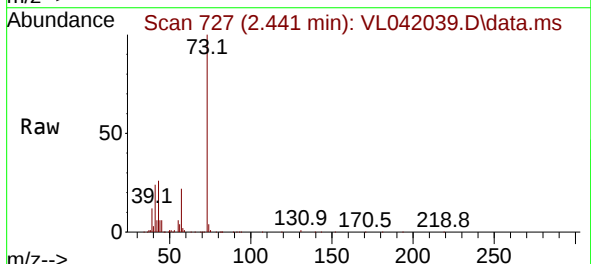
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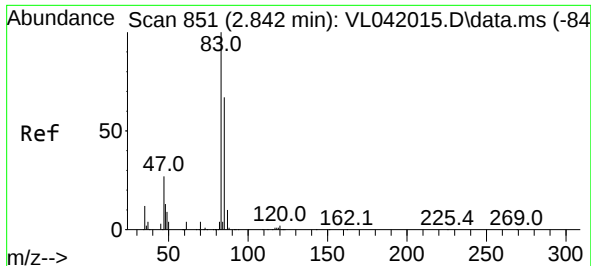
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#28
Methyl tert-Butyl Ether
Concen: 9.516 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion: 73 Resp: 113493
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5





#29

Chloroform

Concen: 10.864 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 307000

Ion Ratio Lower Upper

83 100

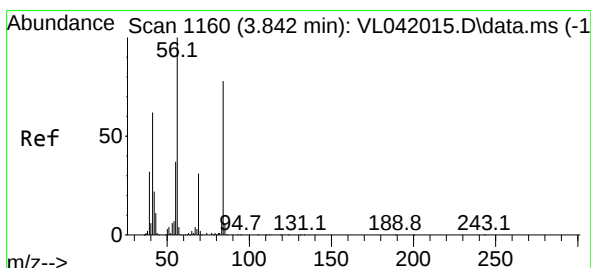
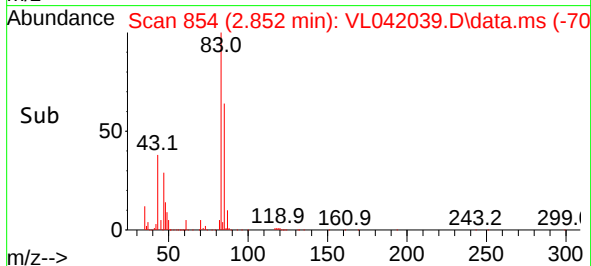
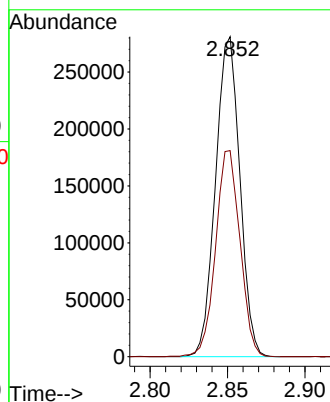
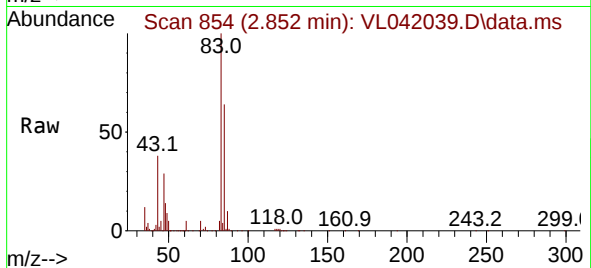
85 64.4 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#30

Cyclohexane

Concen: 11.730 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.016 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

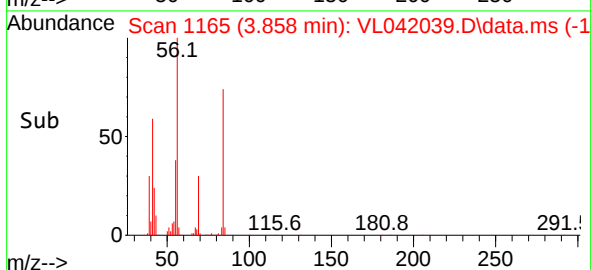
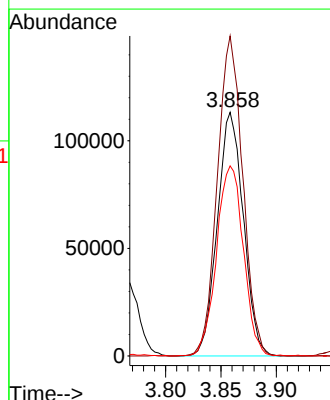
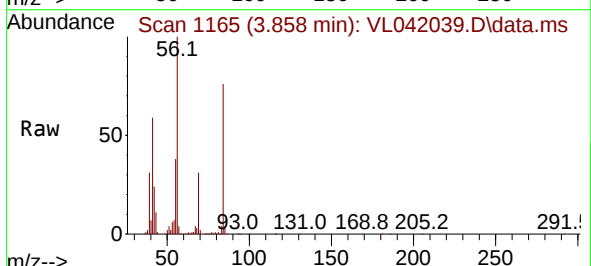
Tgt Ion: 84 Resp: 185648

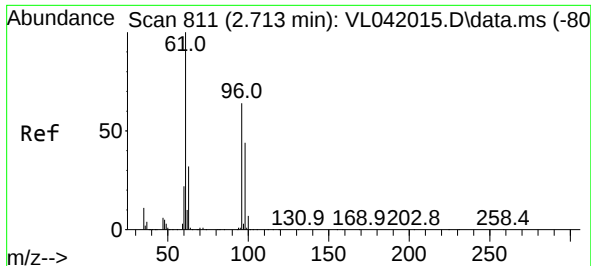
Ion Ratio Lower Upper

84 100

56 128.0 99.5 149.3

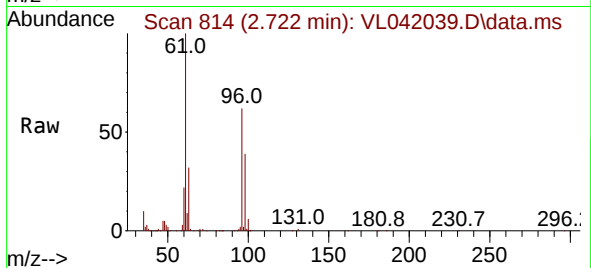
41 80.6 62.2 93.2





#31
 cis-1,2-Dichloroethene
 Concen: 11.491 ppbv
 RT: 2.722 min Scan# 811
 Delta R.T. -0.010 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

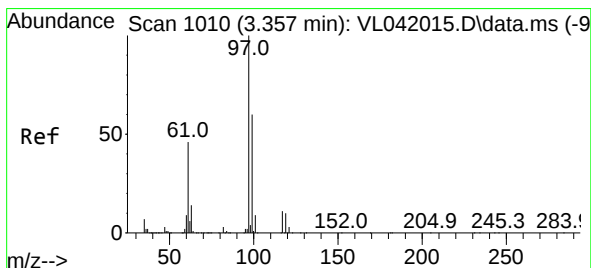
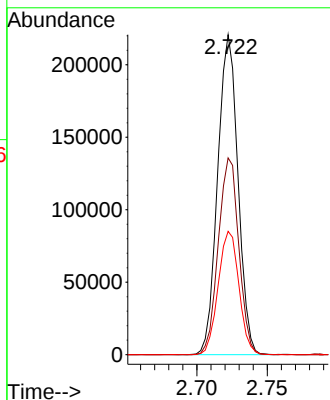
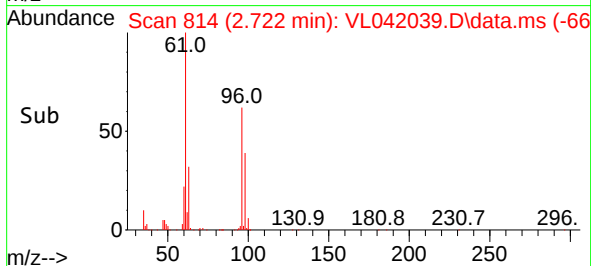
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



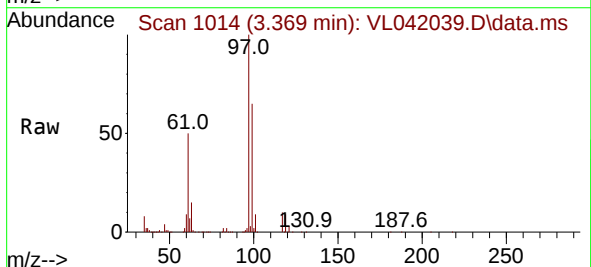
Tgt Ion: 61 Resp: 221584
 Ion Ratio Lower Upper
 61 100
 96 61.5 51.6 77.4
 98 38.6 34.8 52.2

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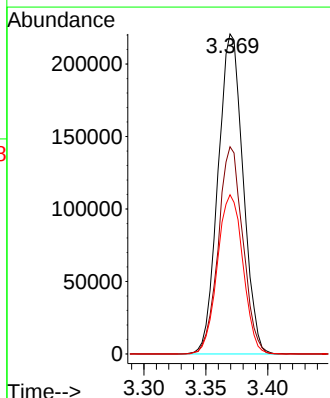
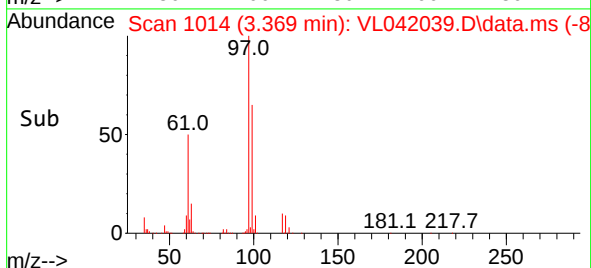
Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

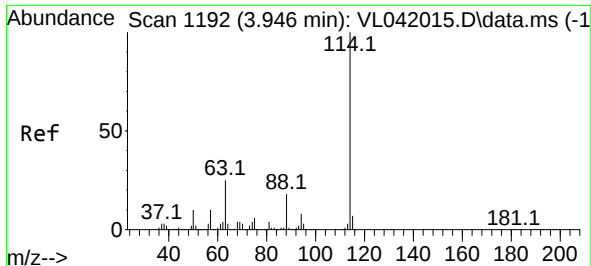


#32
 1,1,1-Trichloroethane
 Concen: 9.914 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. -0.013 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07



Tgt Ion: 97 Resp: 310707
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.0 76.4
 61 50.9 37.9 56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.019 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

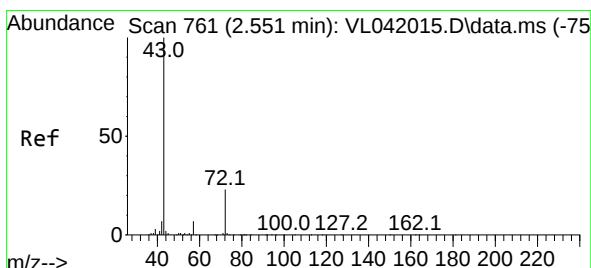
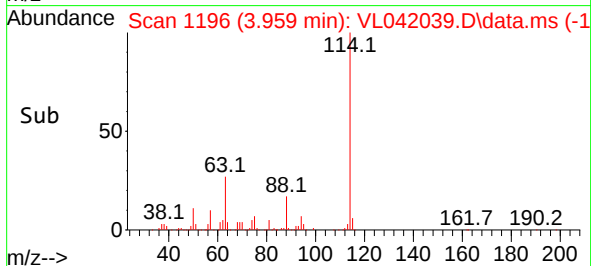
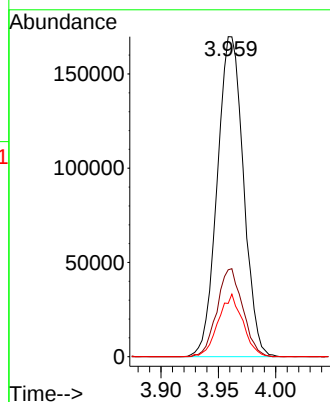
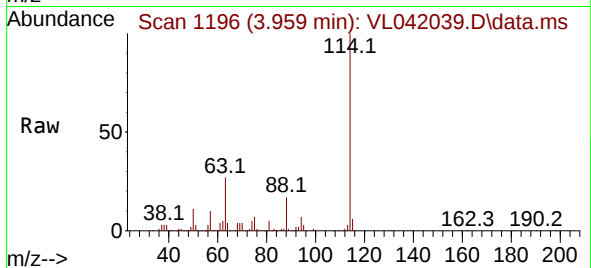
VSTDCCC010EC

Tgt Ion:114 Resp: 27001
 Ion Ratio Lower Upper
 114 100
 63 27.0 20.2 30.2
 88 18.3 14.4 21.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#34

2-Butanone

Concen: 13.969 ppbv

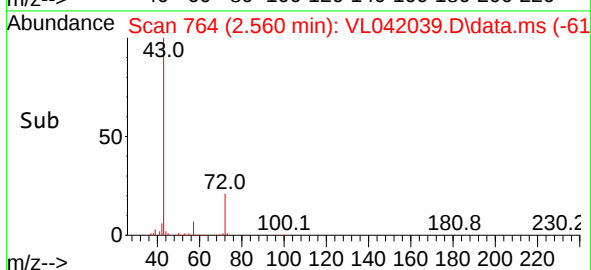
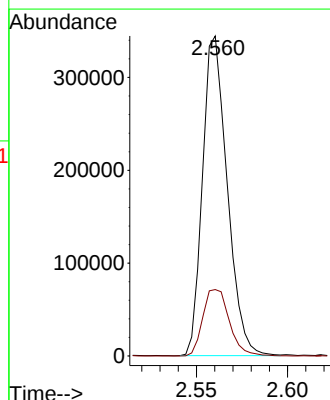
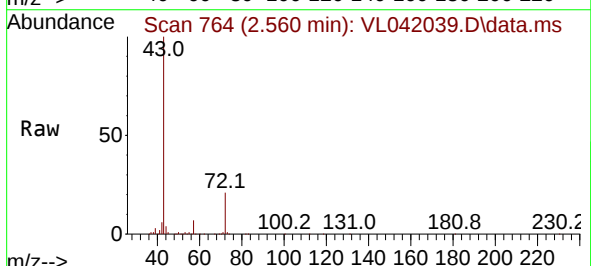
RT: 2.560 min Scan# 764

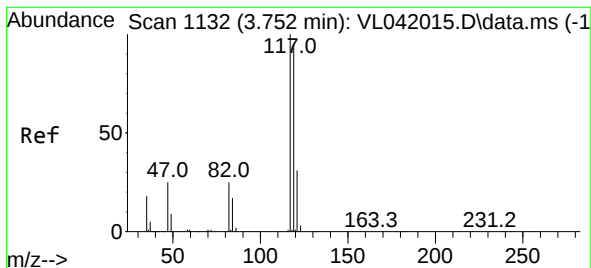
Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Tgt Ion: 43 Resp: 324492
 Ion Ratio Lower Upper
 43 100
 72 22.4 18.3 27.5





#35

Carbon Tetrachloride

Concen: 11.293 ppbv

RT: 3.764 min Scan# 1132

Delta R.T. -0.016 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

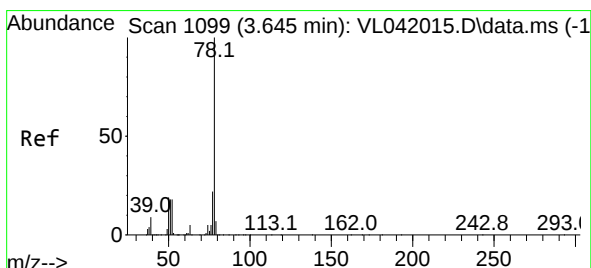
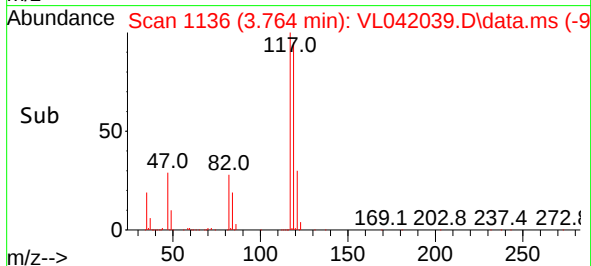
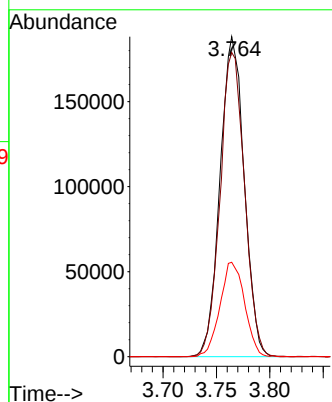
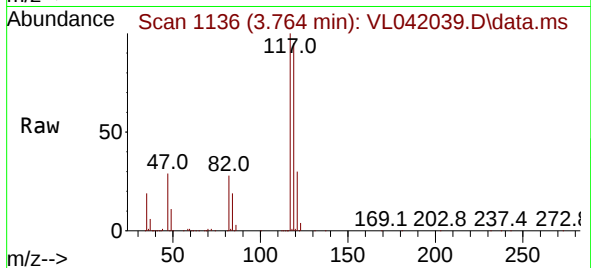
Tgt Ion:117 Resp: 296092

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.6
121	29.5	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#36

Benzene

Concen: 13.333 ppbv

RT: 3.658 min Scan# 1103

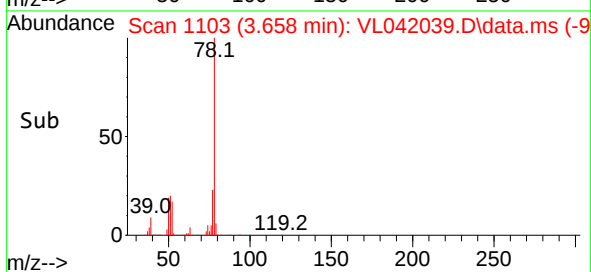
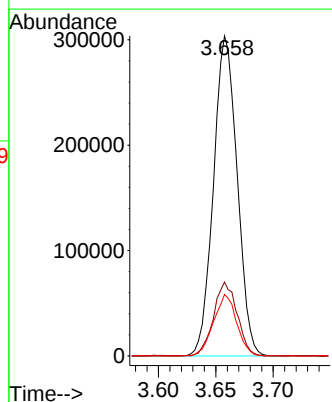
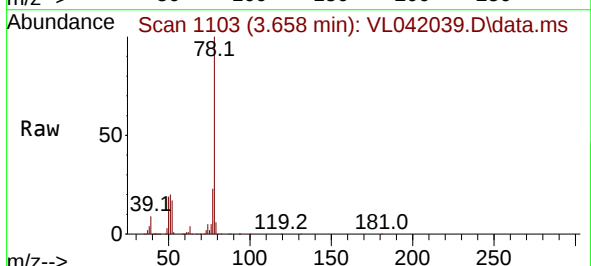
Delta R.T. -0.016 min

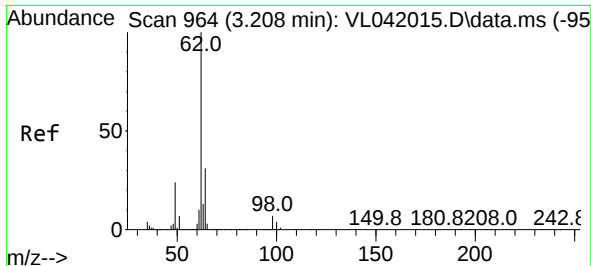
Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Tgt Ion: 78 Resp: 436094

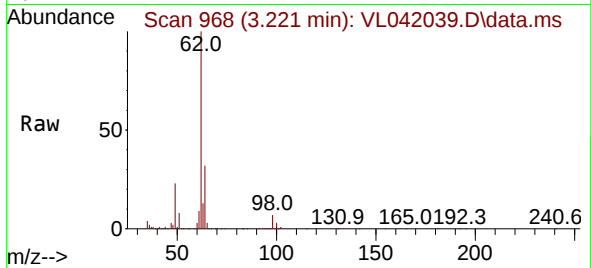
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.0	27.0
50	19.2	15.2	22.8





#37
1,2-Dichloroethane
Concen: 13.468 ppbv
RT: 3.221 min Scan# 90
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

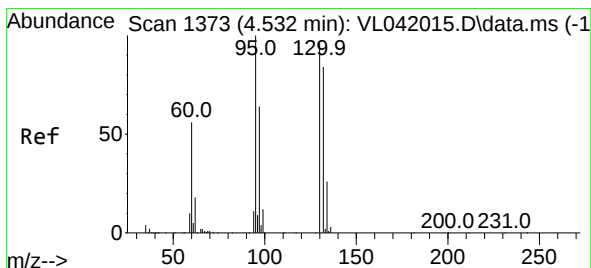
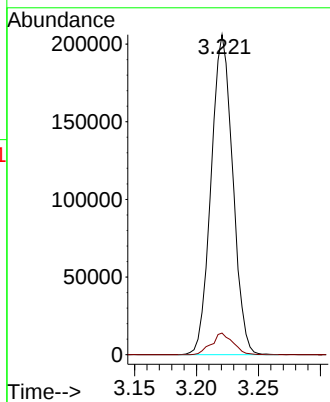
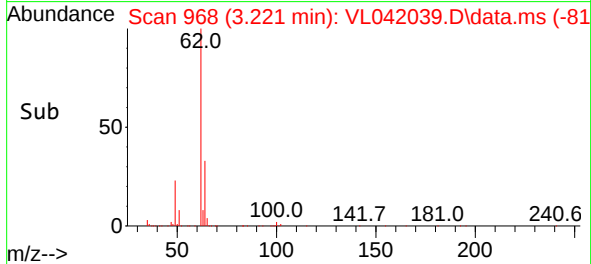
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 250762
Ion Ratio Lower Upper
62 100
98 6.7 5.7 8.5

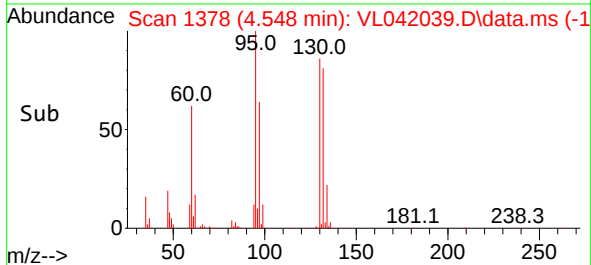
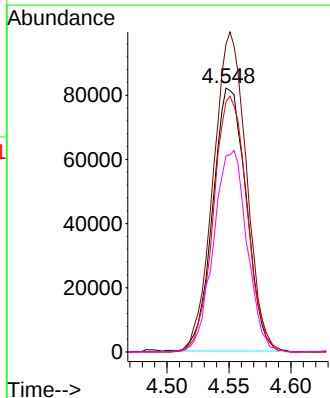
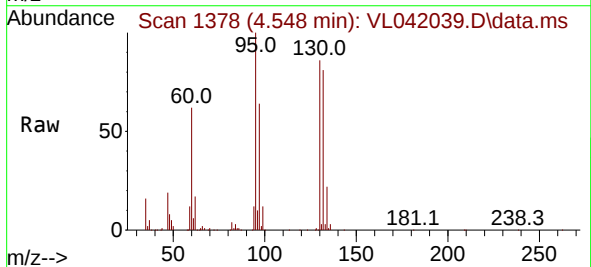
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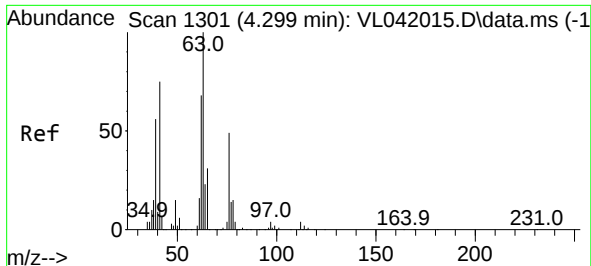
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#38
Trichloroethene
Concen: 11.554 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion:130 Resp: 153529
Ion Ratio Lower Upper
130 100
95 117.0 82.8 124.2
132 95.0 70.0 105.0
97 74.2 53.3 79.9





#39

1,2-Dichloropropane

Concen: 13.521 ppbv

RT: 4.318 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

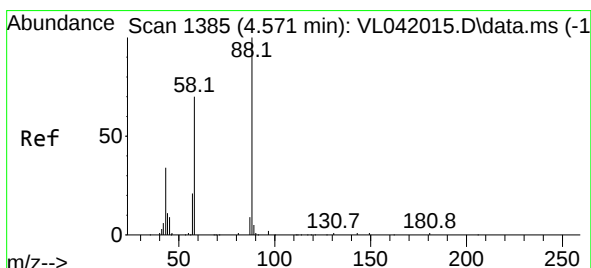
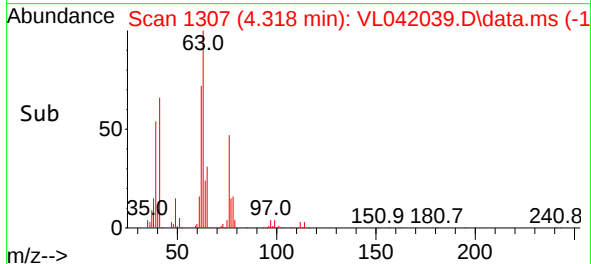
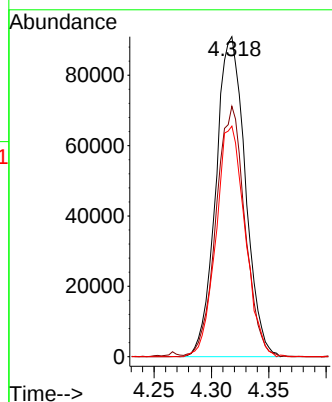
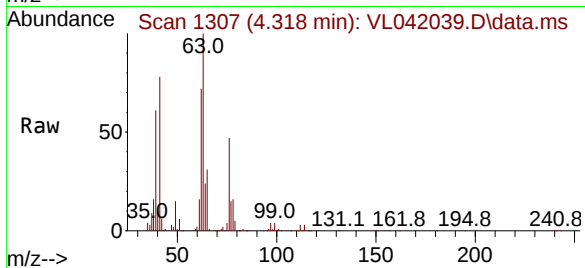
Tgt Ion: 63 Resp: 16213

Ion	Ratio	Lower	Upper
63	100		
41	78.2	60.1	90.1
62	72.1	54.0	81.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#40

1,4-Dioxane

Concen: 11.774 ppbv

RT: 4.586 min Scan# 1390

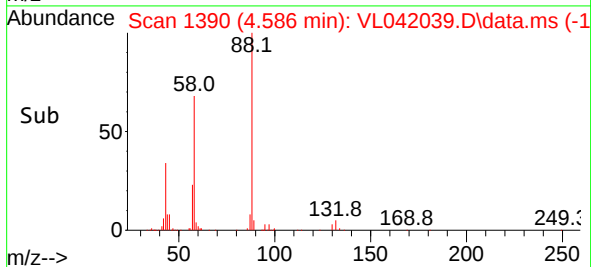
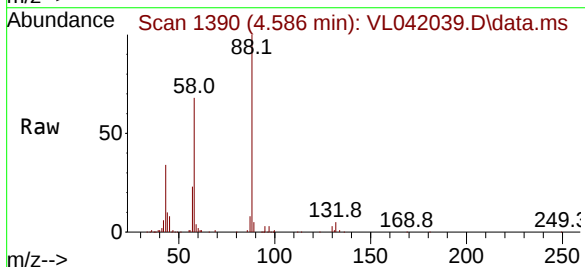
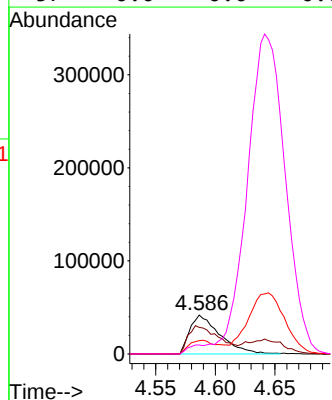
Delta R.T. -0.023 min

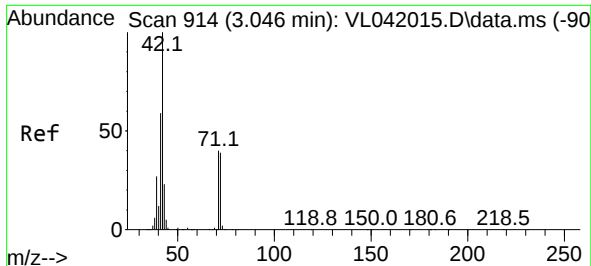
Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Tgt Ion: 88 Resp: 73465

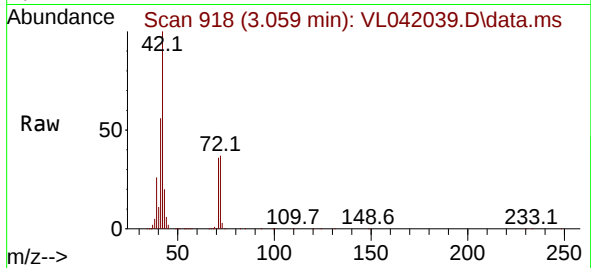
Ion	Ratio	Lower	Upper
88	100		
58	77.9	58.1	87.1
43	37.8	27.3	40.9
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 14.413 ppbv
RT: 3.059 min Scan# 914
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

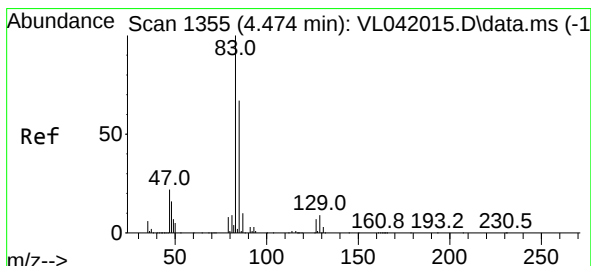
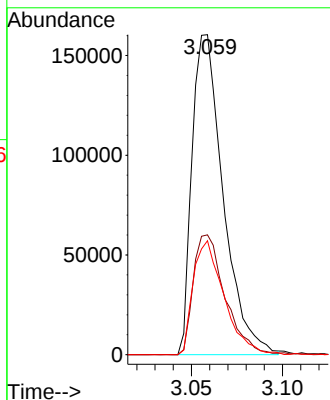
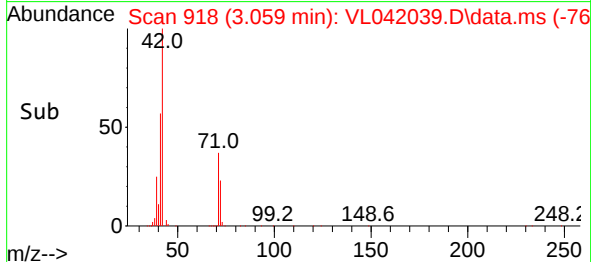
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 191348
Ion Ratio Lower Upper
42 100
72 38.4 32.3 48.5
71 35.3 30.9 46.3

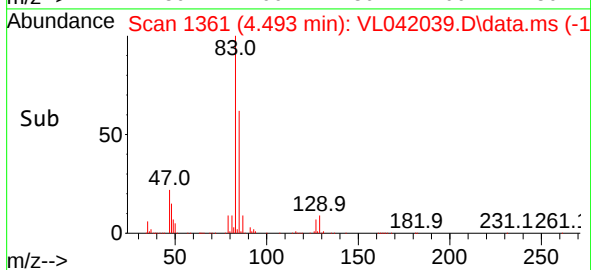
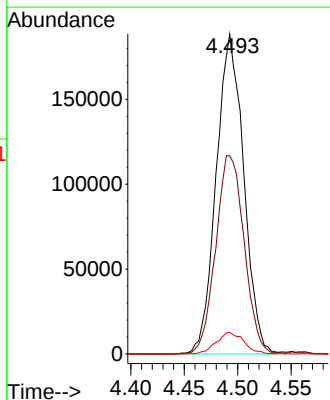
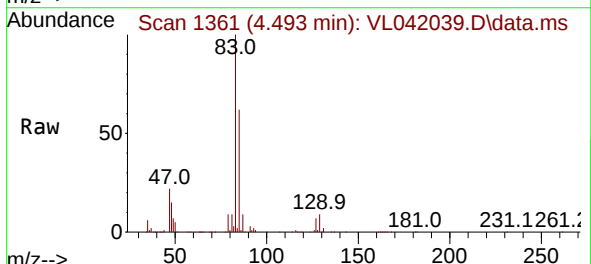
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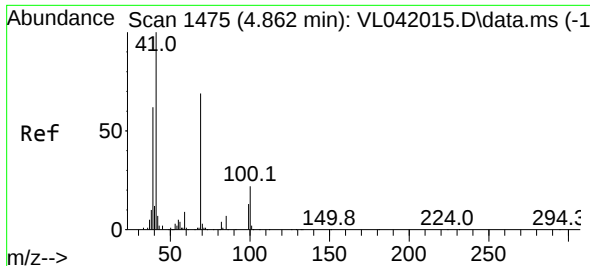
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Bromodichloromethane
Concen: 13.364 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.023 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

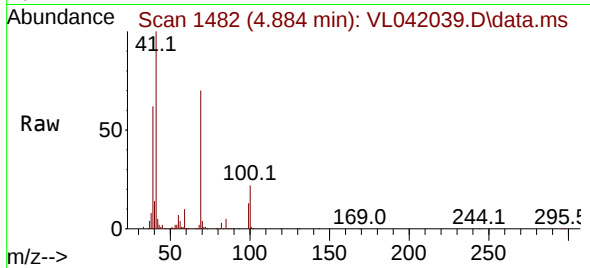
Tgt Ion: 83 Resp: 337106
Ion Ratio Lower Upper
83 100
85 61.8 53.3 79.9
127 6.8 6.0 9.0





#43
Methyl Methacrylate
Concen: 12.064 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

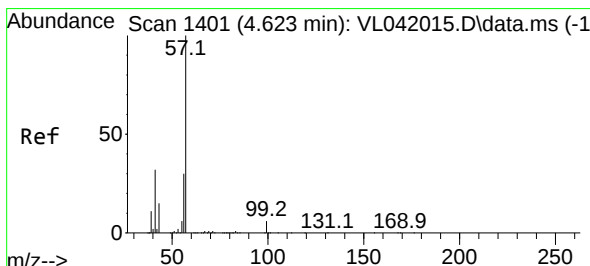
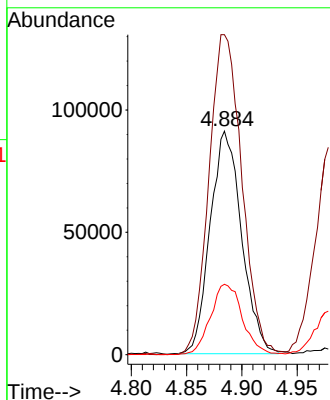
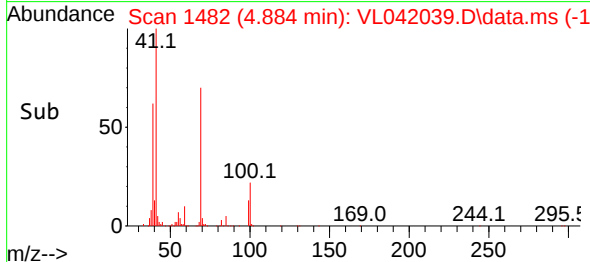
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 17987
Ion Ratio Lower Upper
69 100
41 150.0 114.9 172.3
100 32.2 28.8 43.2

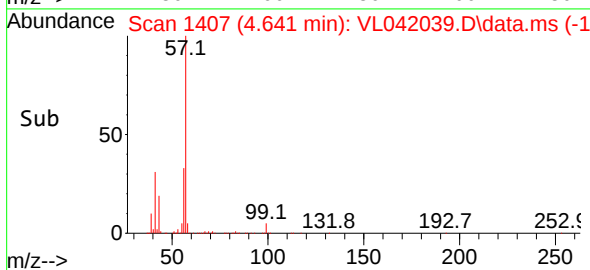
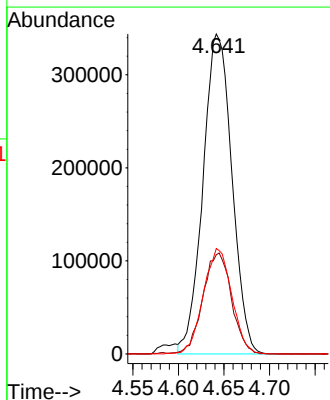
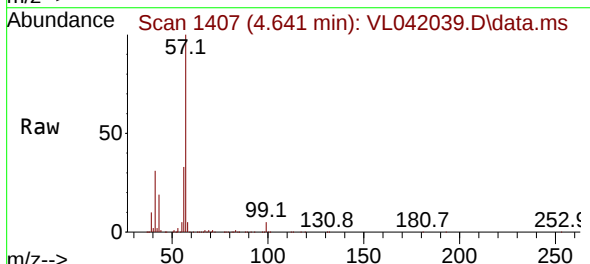
Manual Integrations
APPROVED

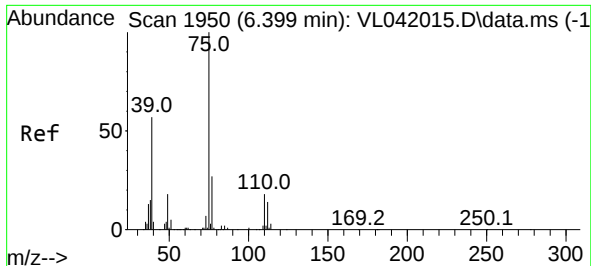
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
2,2,4-Trimethylpentane
Concen: 13.695 ppbv
RT: 4.641 min Scan# 1407
Delta R.T. -0.023 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

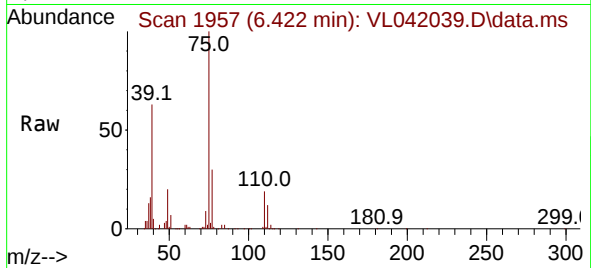
Tgt Ion: 57 Resp: 760401
Ion Ratio Lower Upper
57 100
41 31.5 25.9 38.9
56 32.3 24.9 37.3





#45
 t-1,3-Dichloropropene
 Concen: 13.241 ppbv
 RT: 6.422 min Scan# 1950
 Delta R.T. -0.023 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

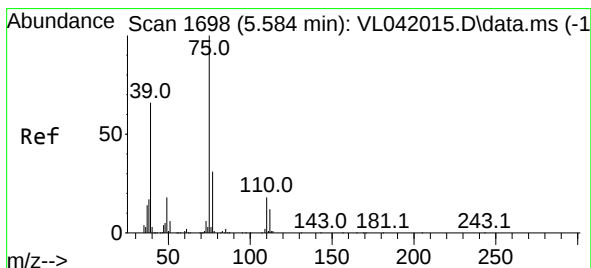
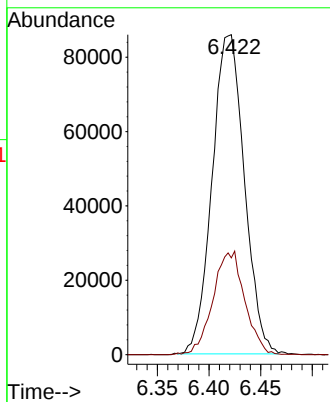
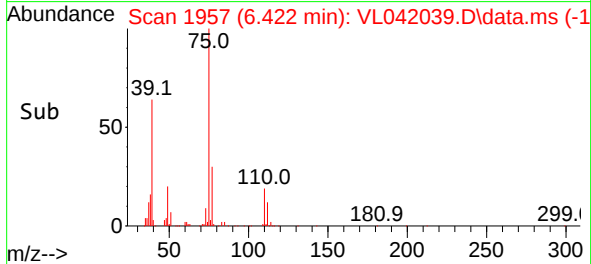
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 18637
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.1 33.1

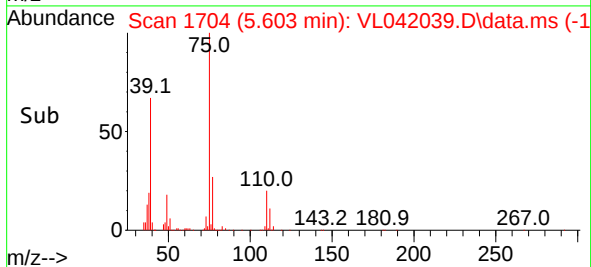
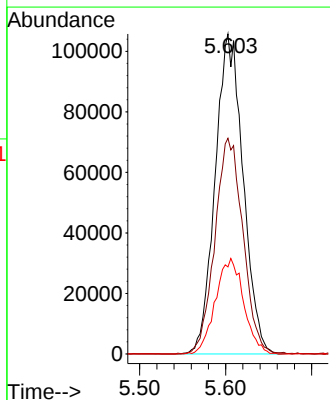
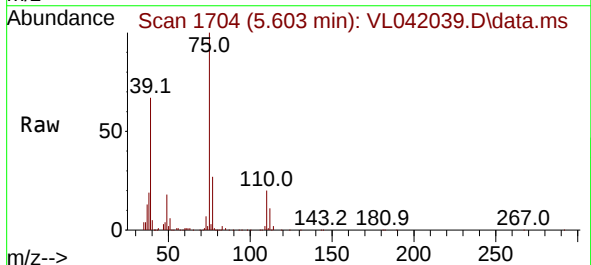
Manual Integrations
 APPROVED

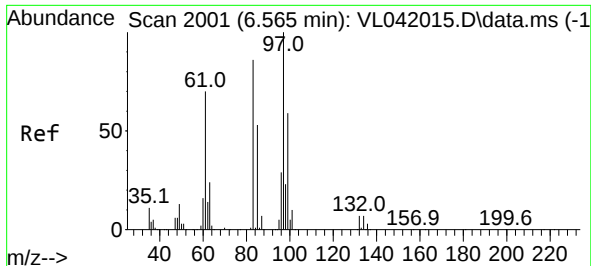
Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#46
 cis-1,3-Dichloropropene
 Concen: 13.347 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. -0.026 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

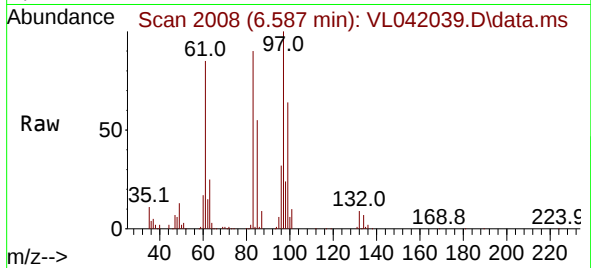
Tgt Ion: 75 Resp: 238360
 Ion Ratio Lower Upper
 75 100
 39 67.2 52.2 78.4
 77 27.2 24.5 36.7





#47
1,1,2-Trichloroethane
Concen: 12.780 ppbv
RT: 6.587 min Scan# 2008
Delta R.T. -0.023 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

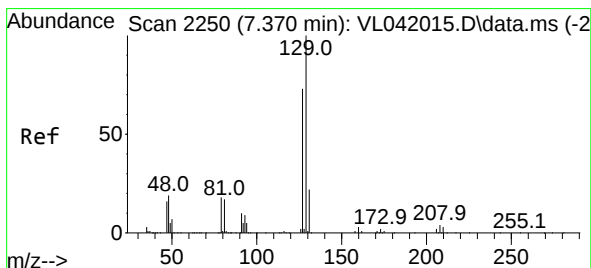
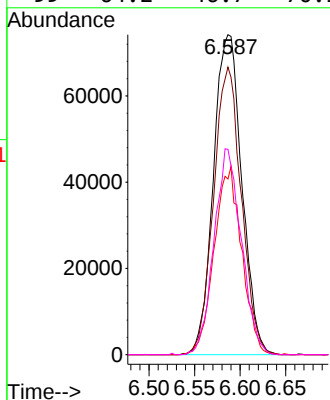
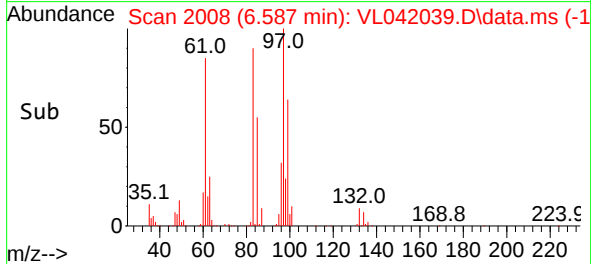
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



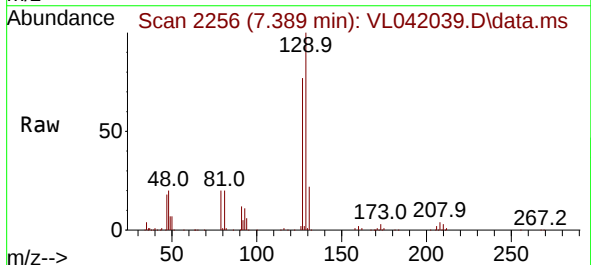
Tgt Ion: 97 Resp: 161278
Ion Ratio Lower Upper
97 100
83 89.8 68.6 102.8
85 54.9 42.2 63.4
99 64.2 46.7 70.1

Manual Integrations
APPROVED

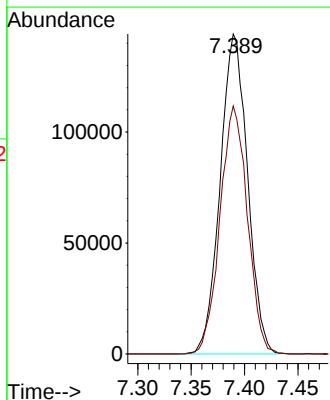
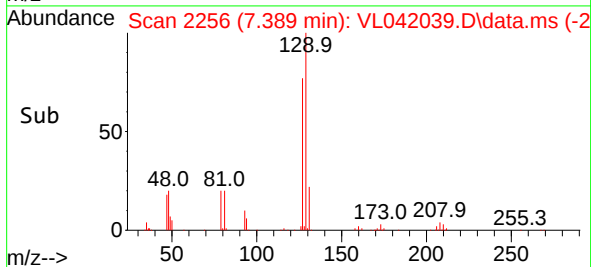
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

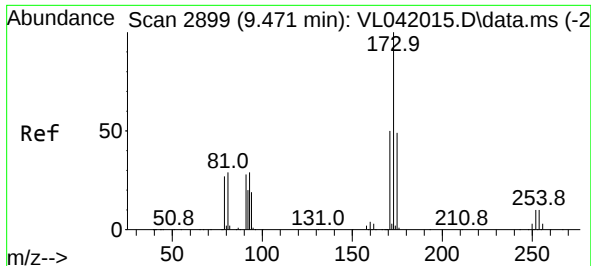


#48
Dibromochloromethane
Concen: 12.157 ppbv
RT: 7.389 min Scan# 2256
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



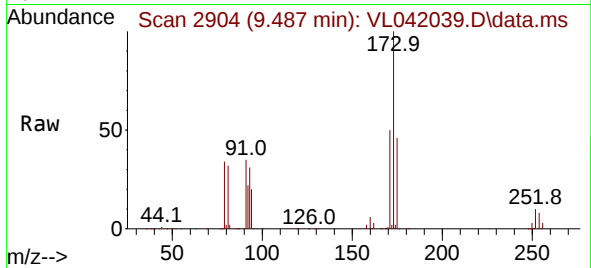
Tgt Ion:129 Resp: 256951
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6





#49
Bromoform
Concen: 11.856 ppbv
RT: 9.487 min Scan# 20554
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

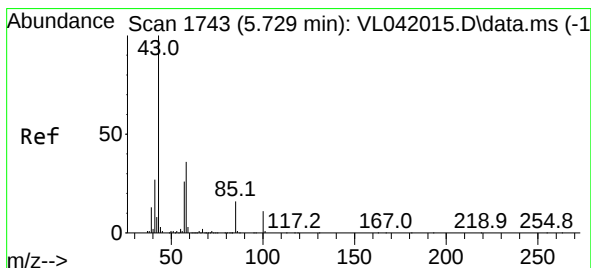
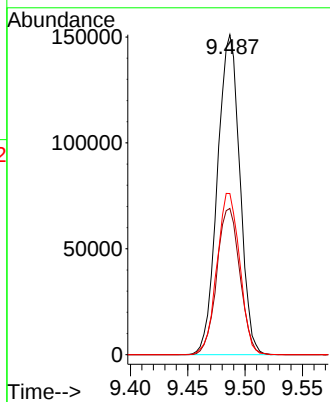
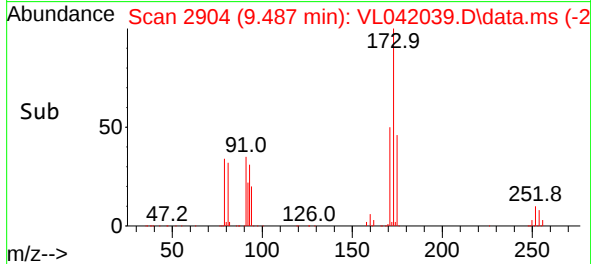
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 20554
Ion Ratio Lower Upper
173 100
175 47.1 39.3 58.9
171 51.3 41.4 62.2

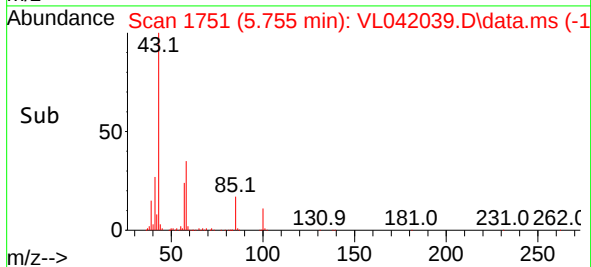
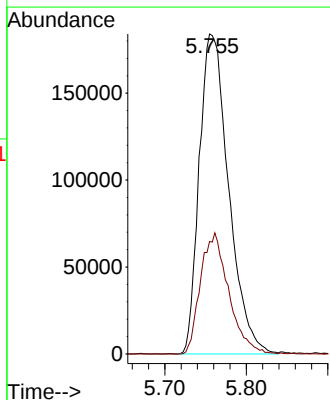
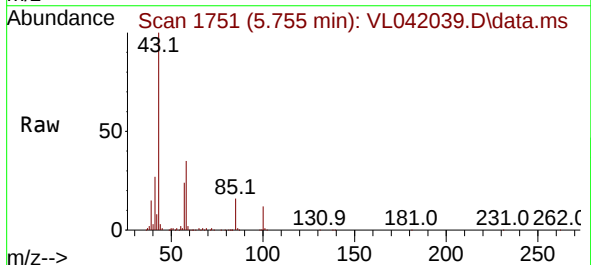
Manual Integrations
APPROVED

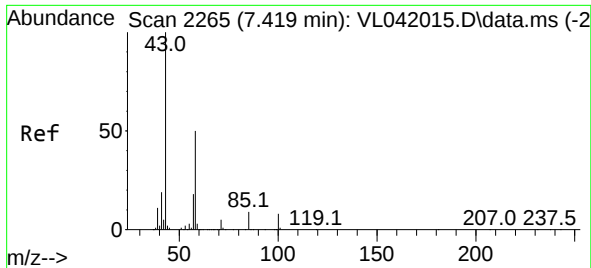
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#50
4-Methyl-2-Pentanone
Concen: 12.906 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. -0.029 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

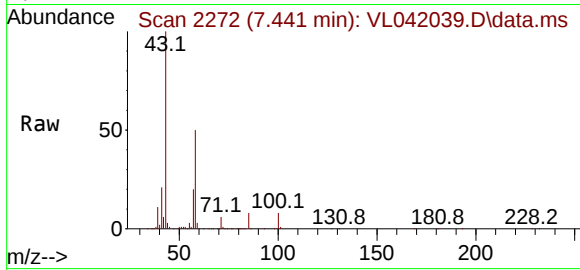
Tgt Ion: 43 Resp: 460781
Ion Ratio Lower Upper
43 100
58 36.4 29.4 44.0





#51
2-Hexanone
Concen: 12.878 ppbv
RT: 7.441 min Scan# 2115
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

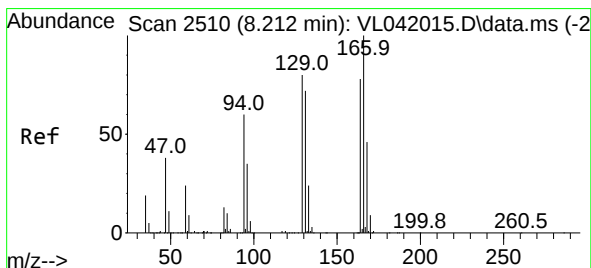
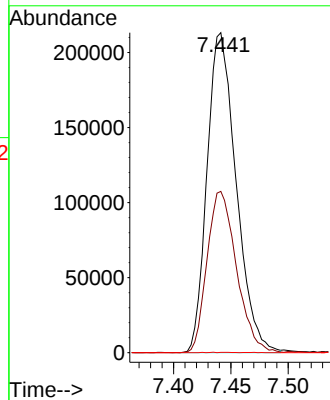
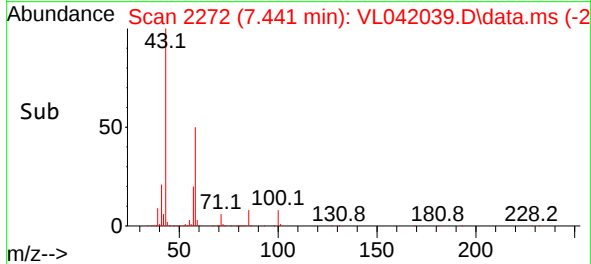
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 376032
Ion Ratio Lower Upper
43 100
58 51.3 41.4 62.0
98 0.1 0.0 0.0

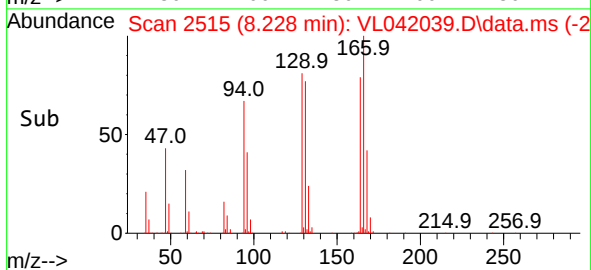
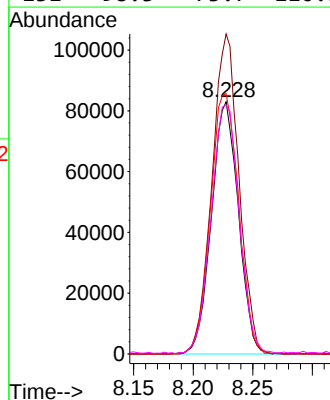
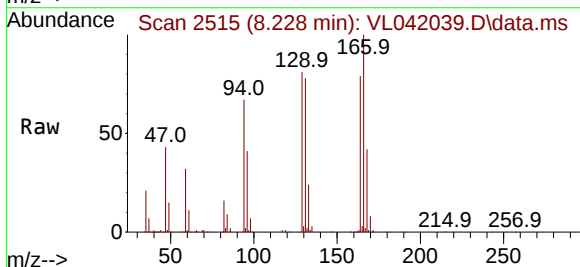
Manual Integrations
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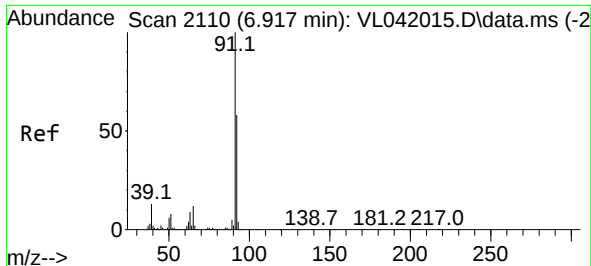
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#52
Tetrachloroethene
Concen: 11.377 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.016 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

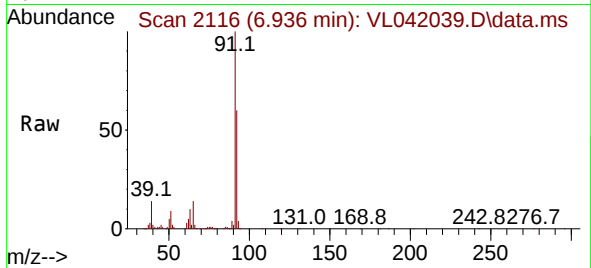
Tgt Ion:164 Resp: 129787
Ion Ratio Lower Upper
164 100
166 126.7 102.2 153.2
129 103.2 82.2 123.4
131 98.3 73.7 110.5





#53
Toluene
Concen: 12.690 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

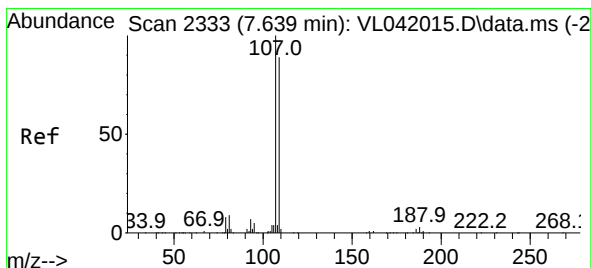
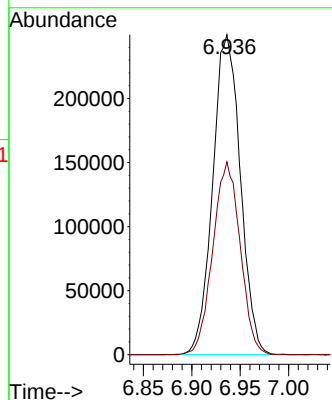
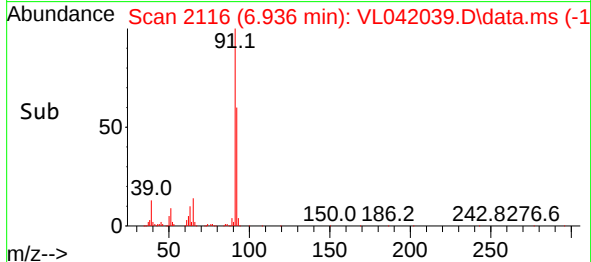
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



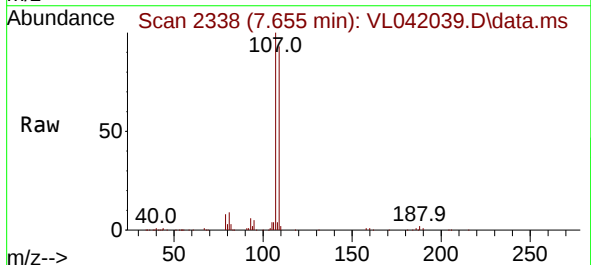
Tgt Ion: 91 Resp: 494594
Ion Ratio Lower Upper
91 100
92 59.8 47.5 71.3

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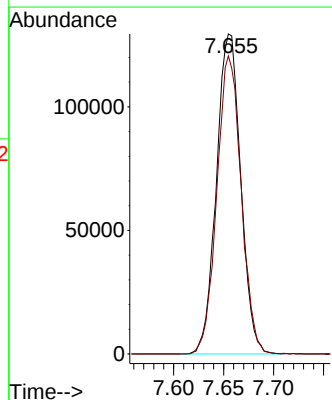
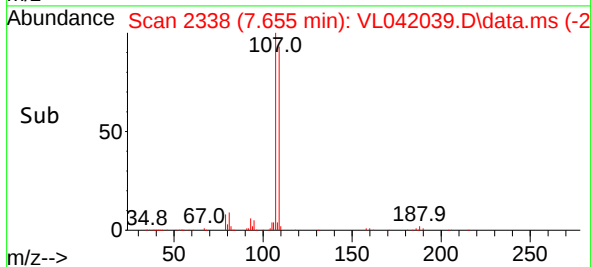
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

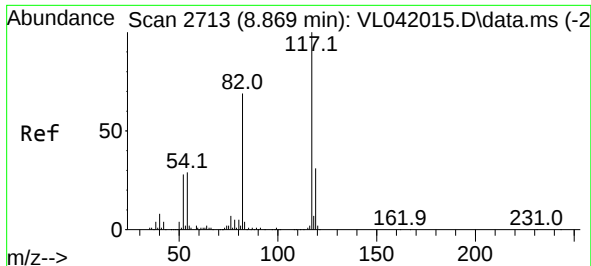


#54
1,2-Dibromoethane
Concen: 12.616 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.019 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



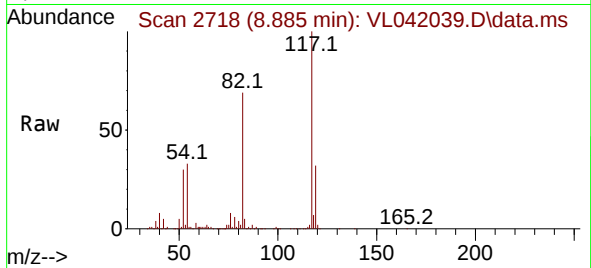
Tgt Ion:107 Resp: 219203
Ion Ratio Lower Upper
107 100
109 93.2 71.5 107.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

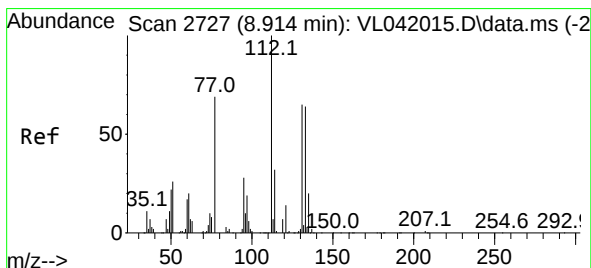
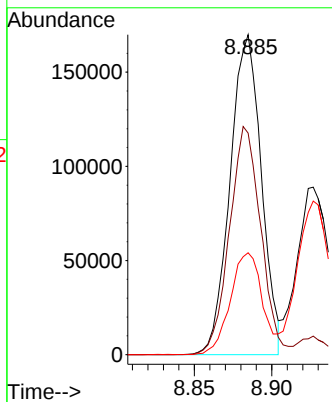
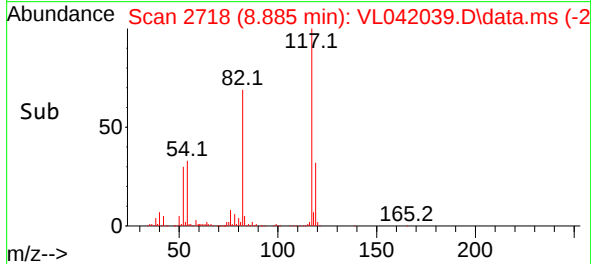
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



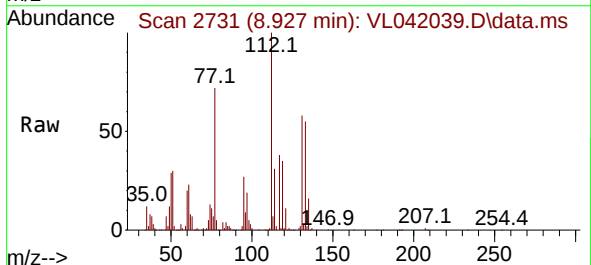
Tgt Ion:117 Resp: 239019
Ion Ratio Lower Upper
117 100
82 76.6 55.7 83.5
119 32.0 25.2 37.8

Manual Integrations
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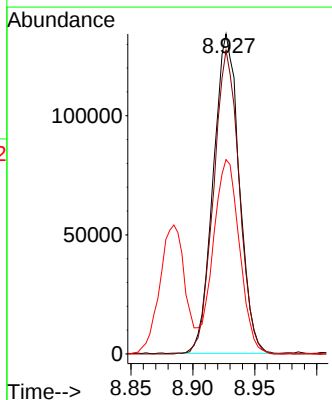
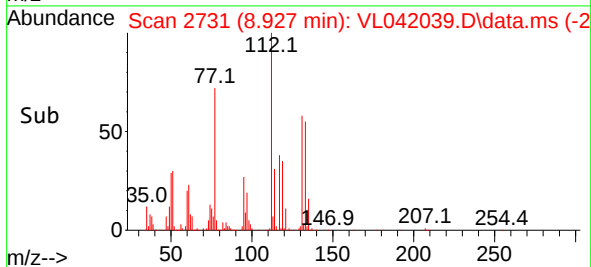
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

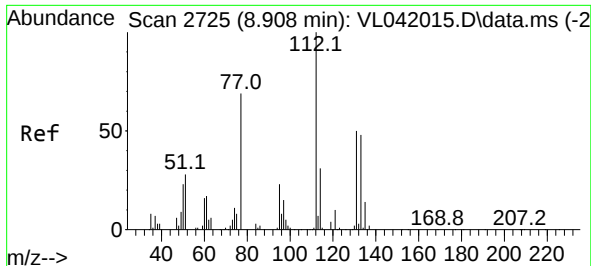


#56
1,1,1,2-Tetrachloroethane
Concen: 11.408 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.016 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



Tgt Ion:131 Resp: 195165
Ion Ratio Lower Upper
131 100
133 94.2 77.8 116.8
119 60.3 49.1 73.7





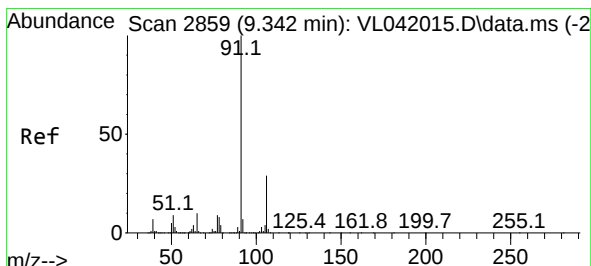
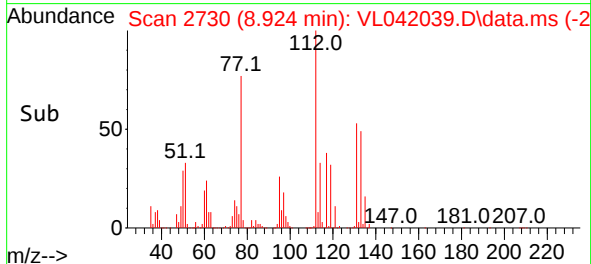
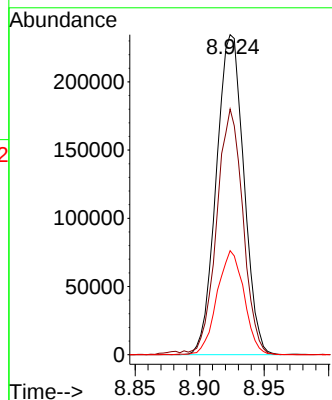
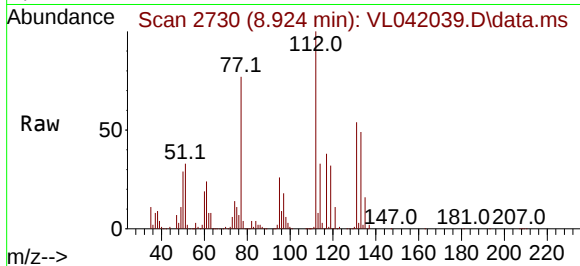
#57
Chlorobenzene
Concen: 12.373 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 34790
Ion Ratio Lower Upper
112 100
77 76.6 56.2 84.2
114 32.5 28.2 34.4

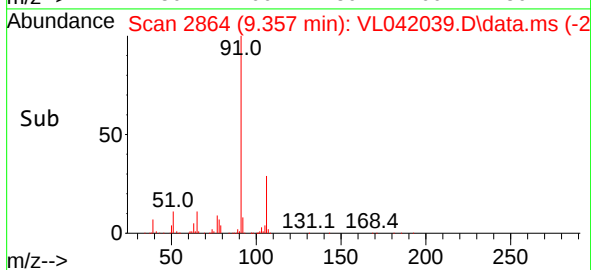
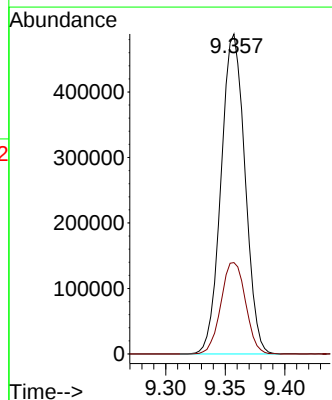
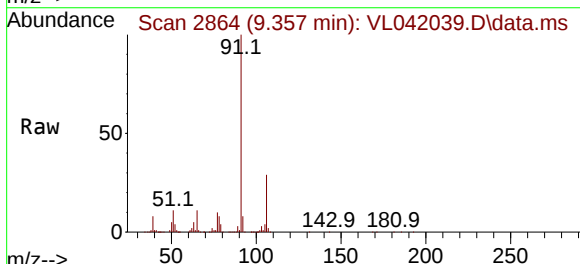
Manual Integrations
APPROVED

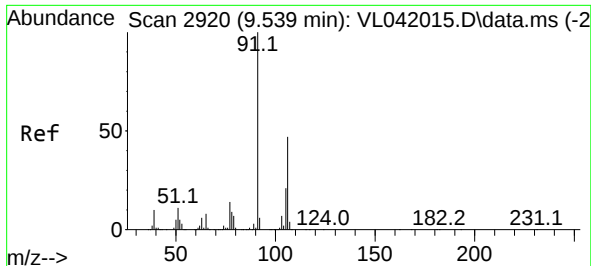
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#58
Ethyl Benzene
Concen: 13.024 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

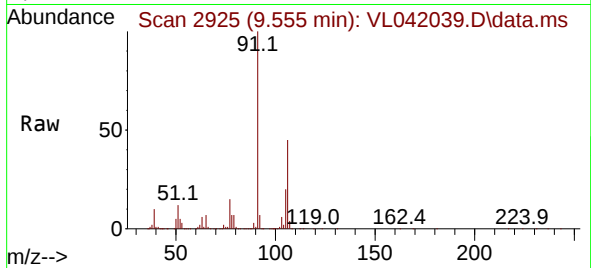
Tgt Ion: 91 Resp: 681298
Ion Ratio Lower Upper
91 100
106 28.6 23.1 34.7





#59
m/p-Xylene
Concen: 26.058 ppbv m
RT: 9.555 min Scan# 2920
Delta R.T. 0.007 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

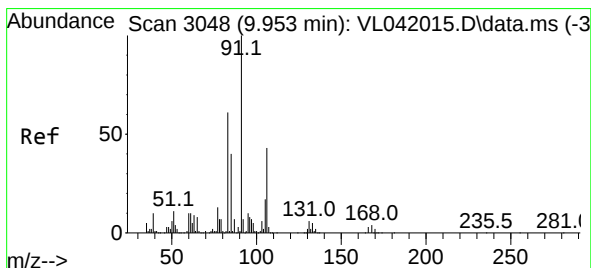
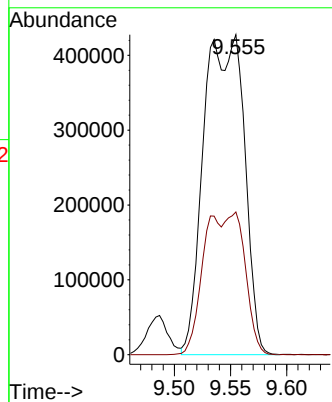
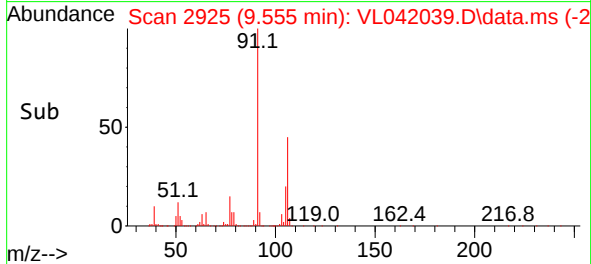
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



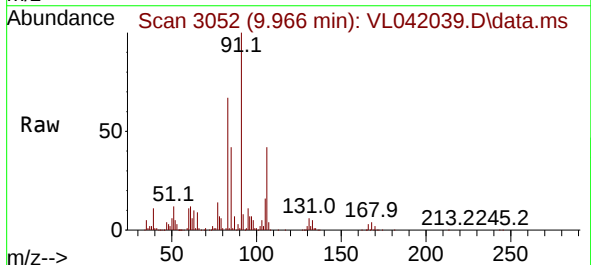
Tgt Ion: 91 Resp: 107368
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.8

Manual Integrations
APPROVED

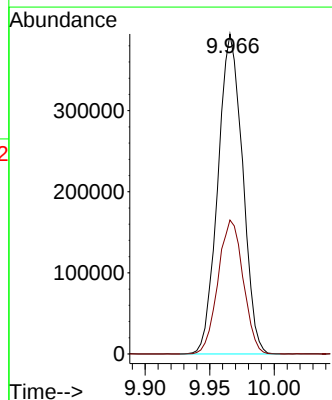
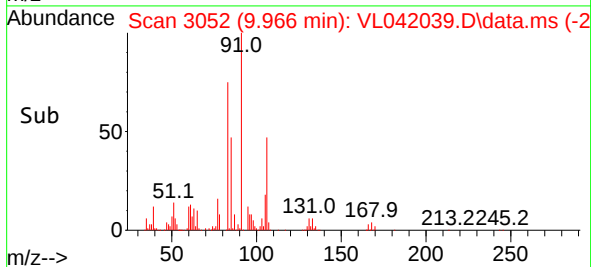
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

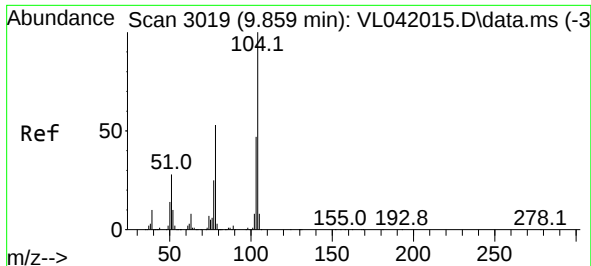


#60
o-Xylene
Concen: 12.580 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



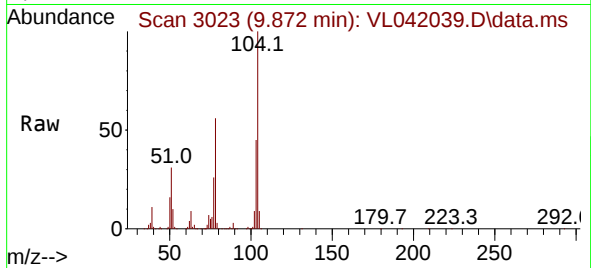
Tgt Ion: 91 Resp: 524229
Ion Ratio Lower Upper
91 100
106 42.6 21.4 64.3





#61
Styrene
Concen: 12.932 ppbv
RT: 9.872 min Scan# 3019
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

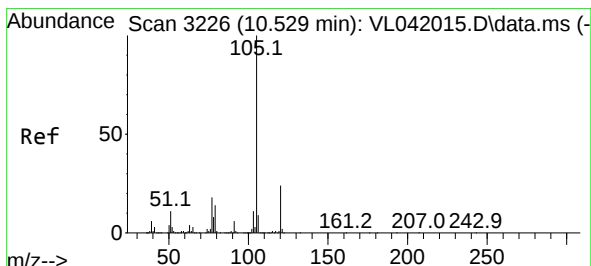
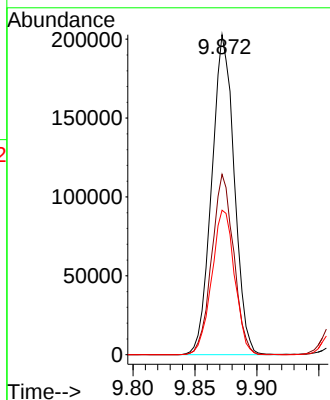
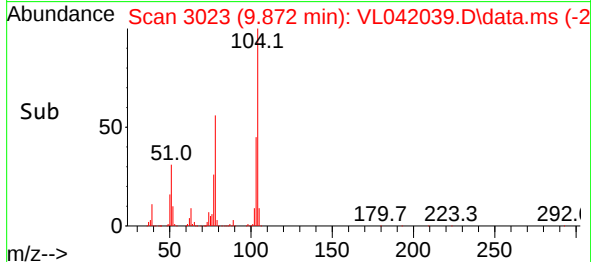
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



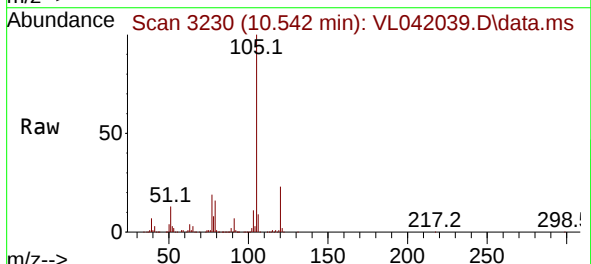
Tgt Ion:104 Resp: 256970
Ion Ratio Lower Upper
104 100
78 54.9 42.2 63.4
103 45.9 38.1 57.1

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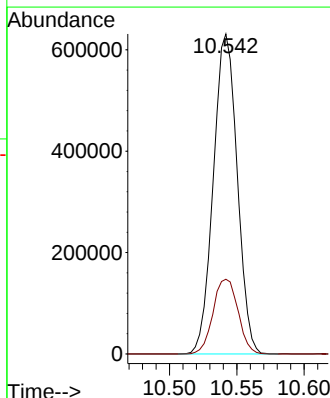
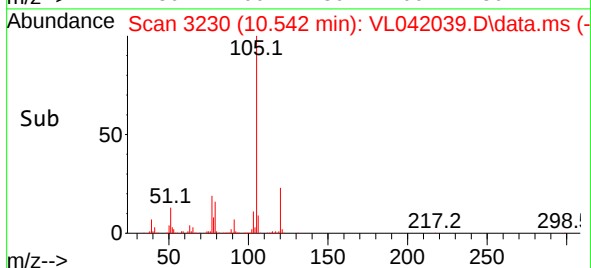
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

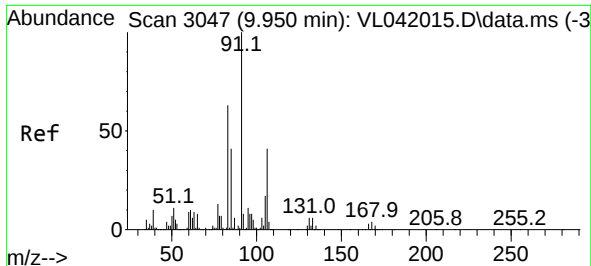


#62
Isopropylbenzene
Concen: 12.425 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



Tgt Ion:105 Resp: 777313
Ion Ratio Lower Upper
105 100
120 24.4 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 12.577 ppbv

RT: 9.966 min Scan# 3047

Delta R.T. -0.013 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

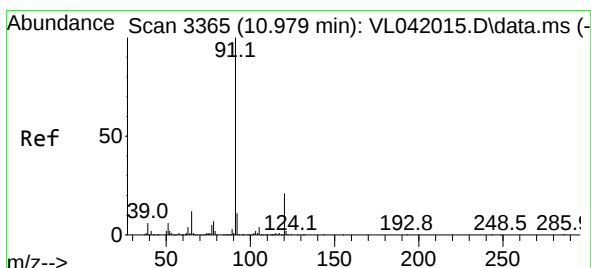
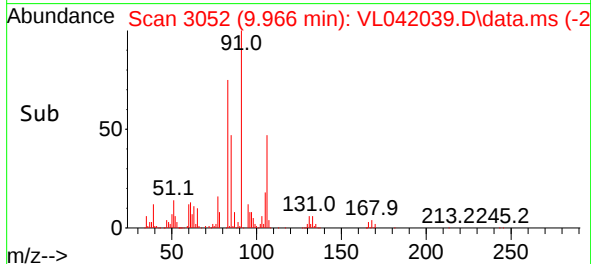
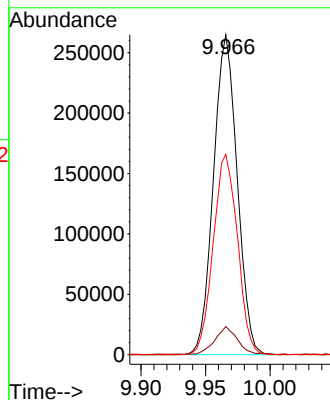
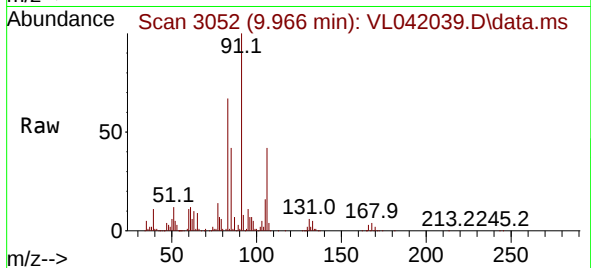
VSTDCCC010EC

Tgt Ion: 83 Resp: 338130
 Ion Ratio Lower Upper
 83 100
 131 8.4 5.0 15.0
 85 64.0 32.1 96.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#64

n-propylbenzene

Concen: 12.419 ppbv

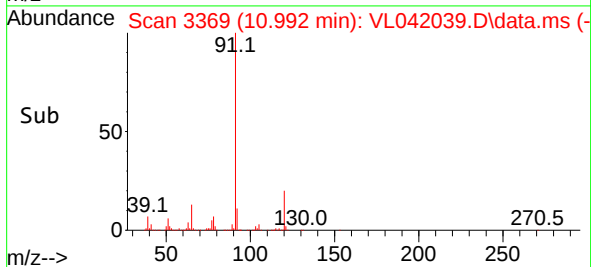
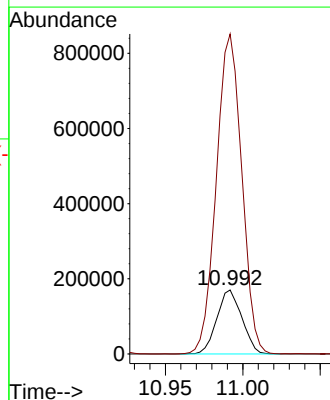
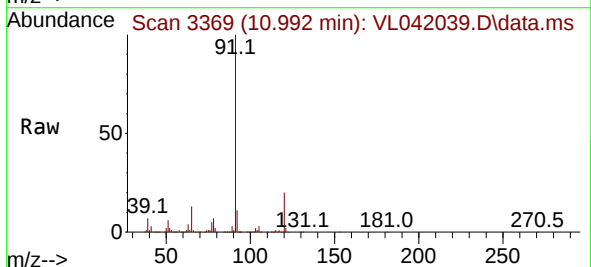
RT: 10.992 min Scan# 3369

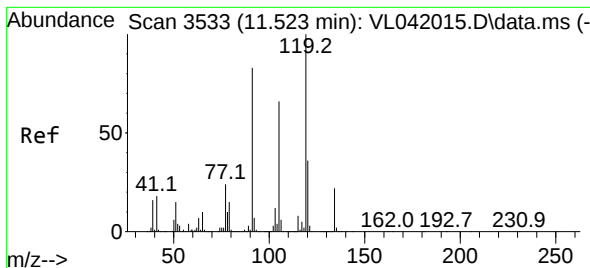
Delta R.T. -0.013 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

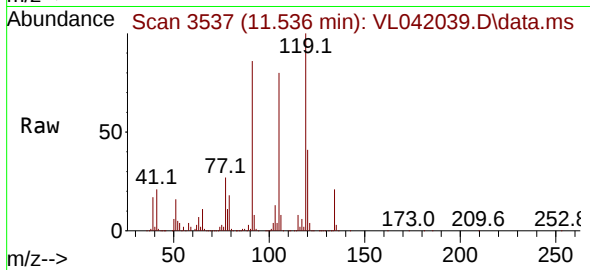
Tgt Ion:120 Resp: 190915
 Ion Ratio Lower Upper
 120 100
 91 510.2 392.2 588.2





#65
tert-Butylbenzene
Concen: 12.056 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

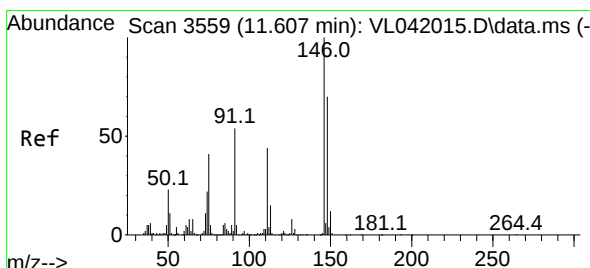
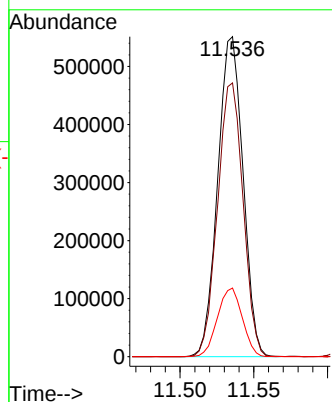
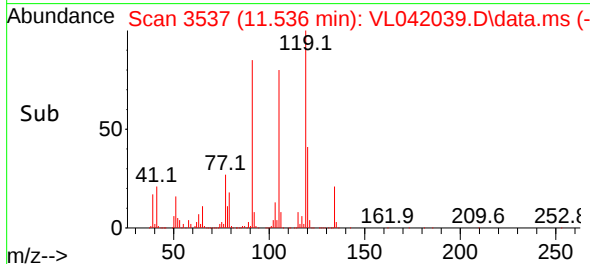
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



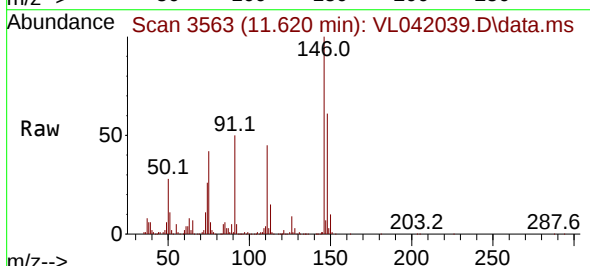
Tgt Ion: 119 Resp: 65752
Ion Ratio Lower Upper
119 100
91 86.3 66.5 99.7
134 21.1 16.6 24.8

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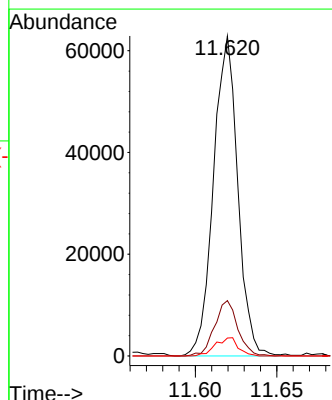
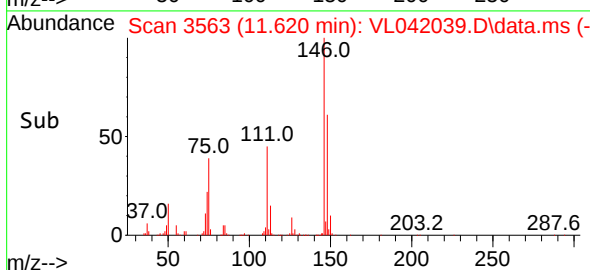
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

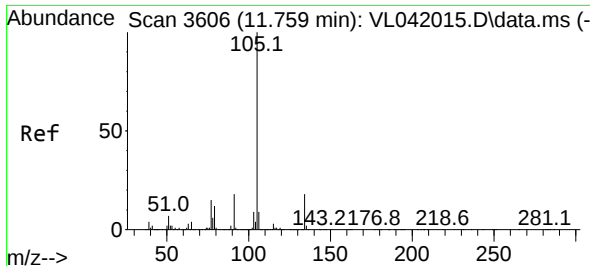


#66
Benzyl Chloride
Concen: 11.895 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



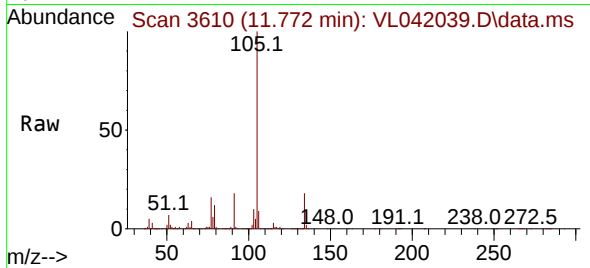
Tgt Ion: 91 Resp: 65030
Ion Ratio Lower Upper
91 100
126 16.5 13.8 20.6
128 5.4 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 12.566 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.010 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

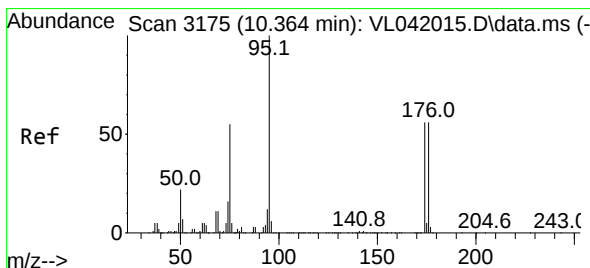
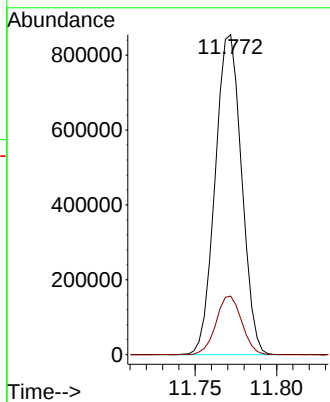
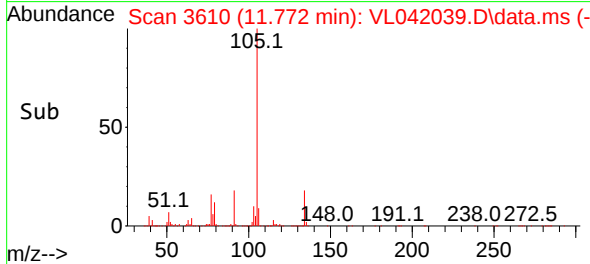
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 962715
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.7 22.1

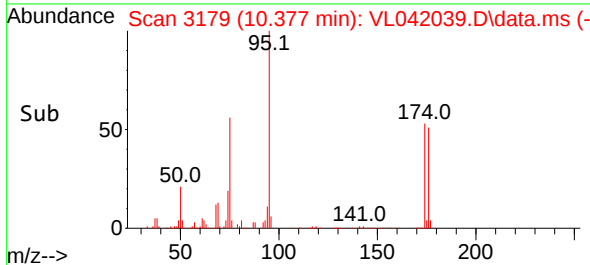
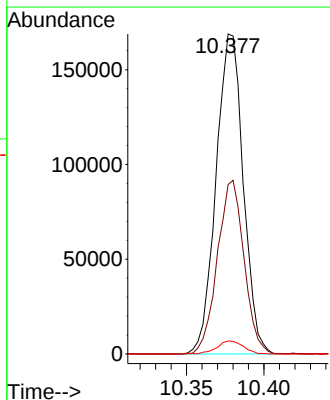
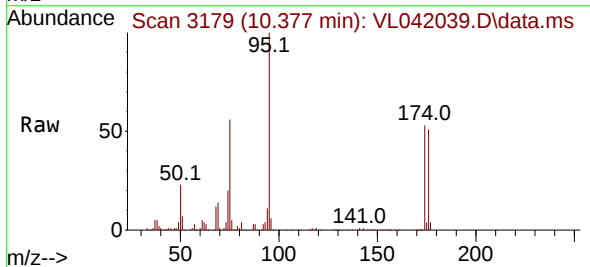
Manual Integrations
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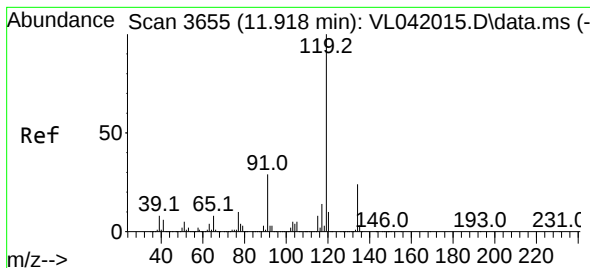
Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.443 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.013 min
 Lab File: VL042039.D
 Acq: 21 Feb 2025 14:07

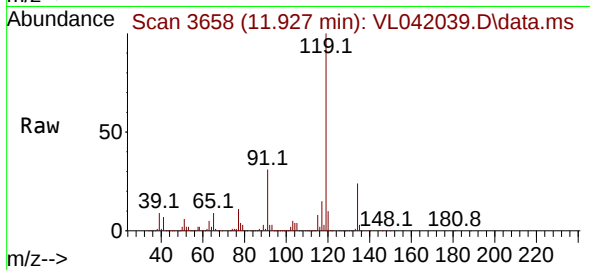
Tgt Ion: 95 Resp: 205896
 Ion Ratio Lower Upper
 95 100
 174 53.3 46.7 70.1
 175 4.0 3.7 5.5





#69
p-Isopropyltoluene
Concen: 12.183 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

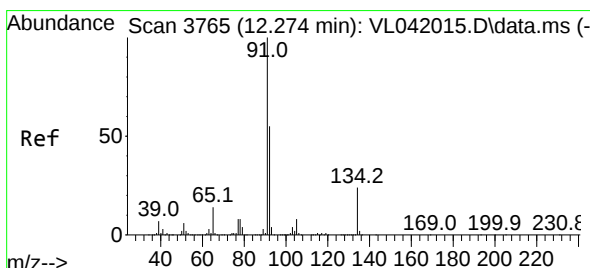
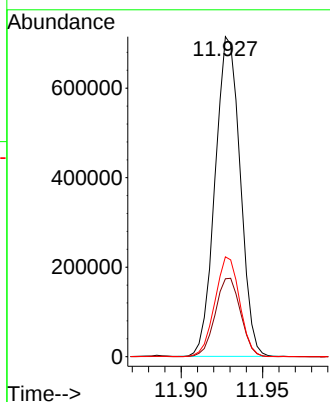
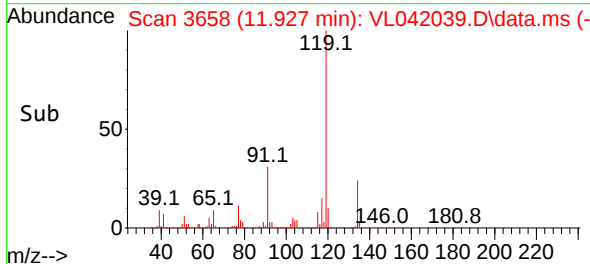
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



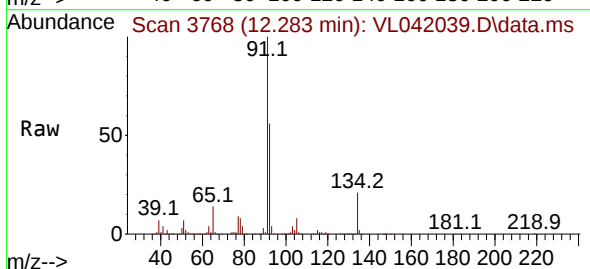
Tgt Ion:119 Resp: 763997
Ion Ratio Lower Upper
119 100
134 24.9 19.4 29.0
91 30.9 23.4 35.2

Manual Integrations
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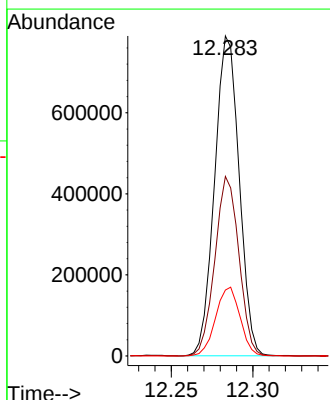
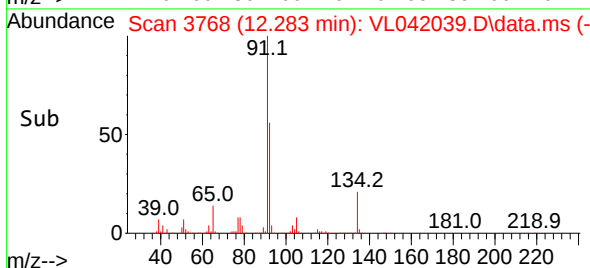
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

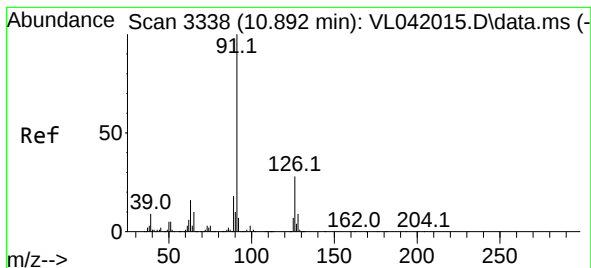


#70
n-Butylbenzene
Concen: 13.361 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07



Tgt Ion: 91 Resp: 825349
Ion Ratio Lower Upper
91 100
92 55.2 43.8 65.8
134 21.5 18.6 27.8





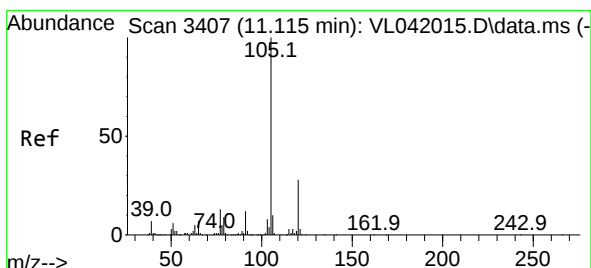
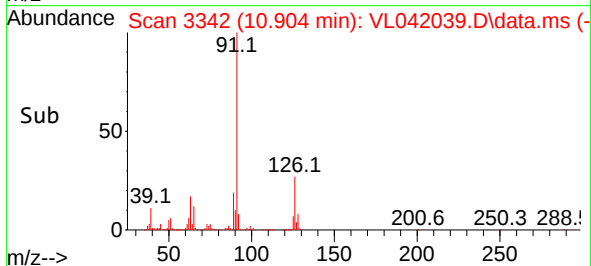
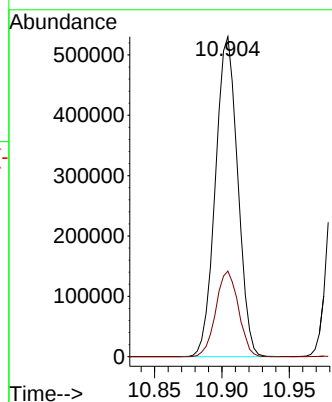
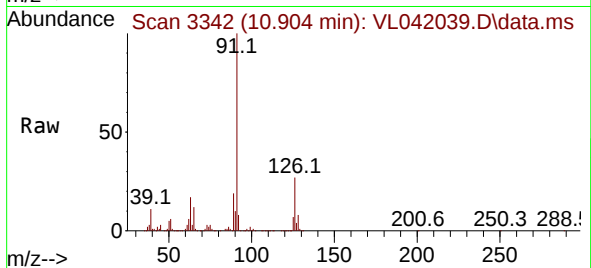
#71
2-Chlorotoluene
Concen: 12.964 ppbv
RT: 10.904 min Scan# 3111
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 610815
Ion Ratio Lower Upper
91 100
126 27.0 11.2 45.0

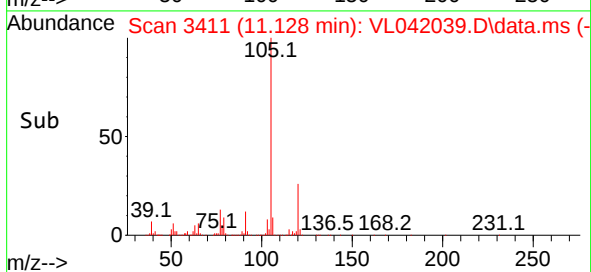
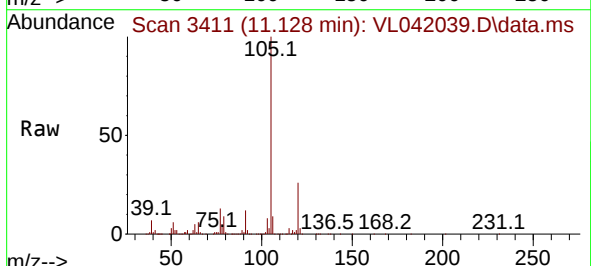
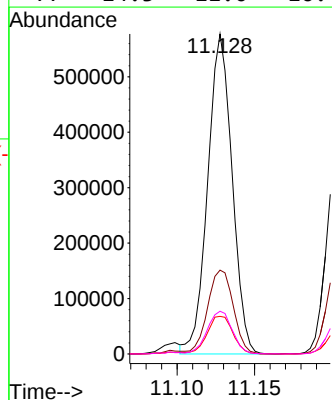
Manual Integrations
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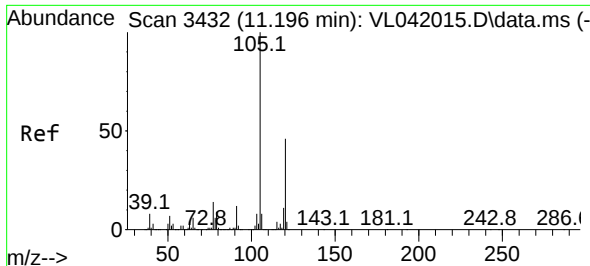
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#72
4-Ethyltoluene
Concen: 12.938 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

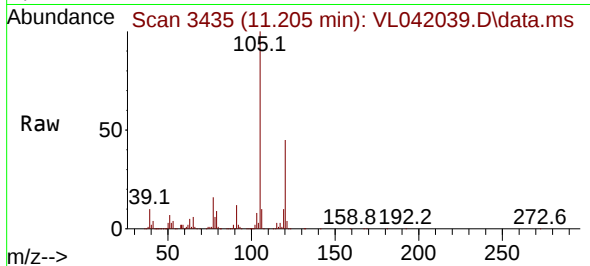
Tgt Ion:105 Resp: 631669
Ion Ratio Lower Upper
105 100
120 28.5 22.7 34.1
91 13.1 10.2 15.2
77 14.3 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 12.737 ppbv
RT: 11.205 min Scan# 3432
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

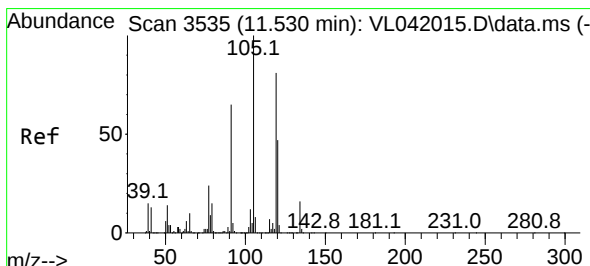
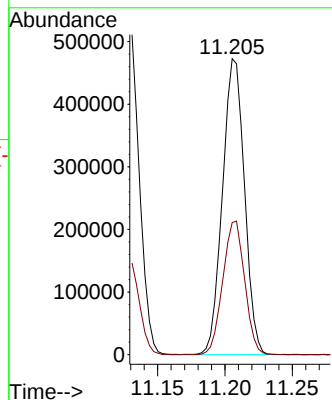
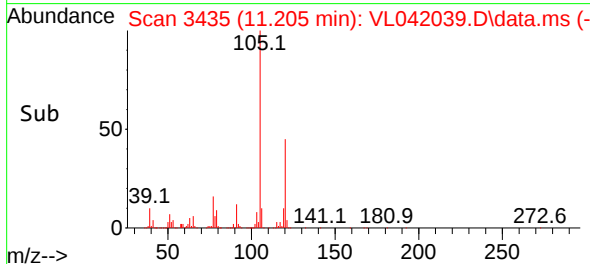
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 536429
Ion Ratio Lower Upper
105 100
120 44.7 37.1 55.7

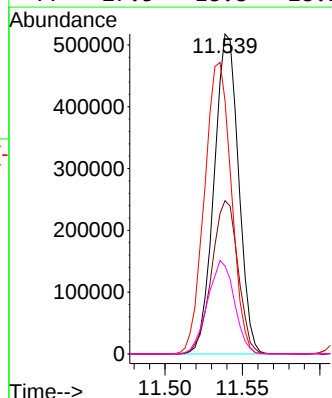
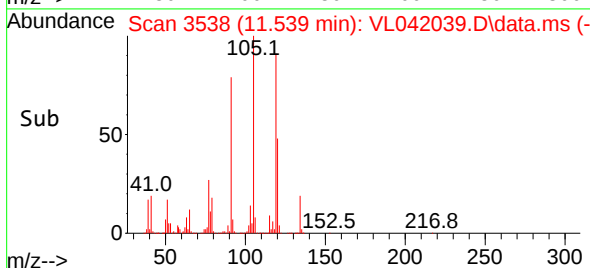
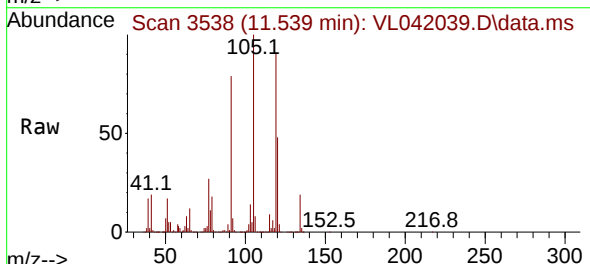
Manual Integrations
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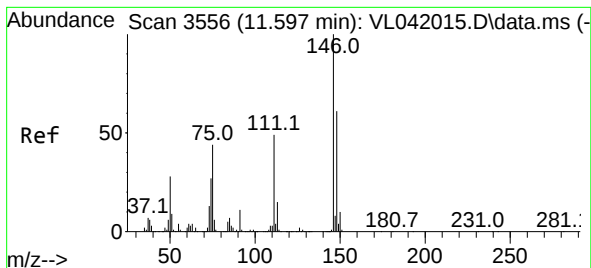
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#74
1,2,4-Trimethylbenzene
Concen: 12.566 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Tgt Ion:105 Resp: 567986
Ion Ratio Lower Upper
105 100
120 47.9 37.5 56.3
91 79.2 51.7 77.5#
77 27.5 18.8 28.2





#75

1,3-Dichlorobenzene

Concen: 12.644 ppbv

RT: 11.610 min Scan# 3556

Delta R.T. -0.013 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 307630

Ion Ratio Lower Upper

146 100

111 49.5 23.9 71.7

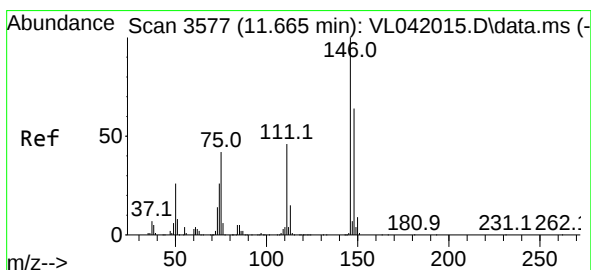
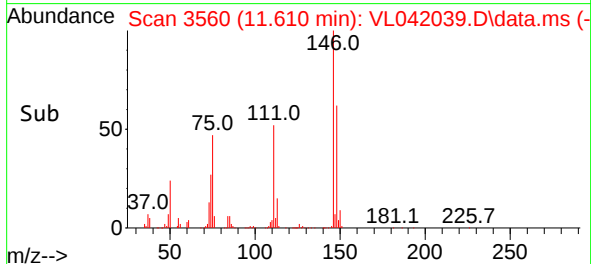
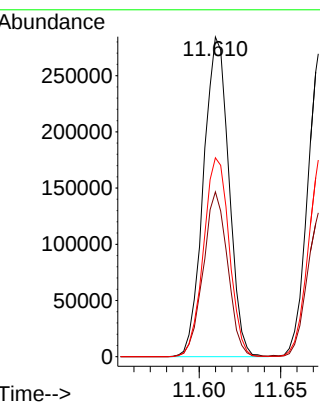
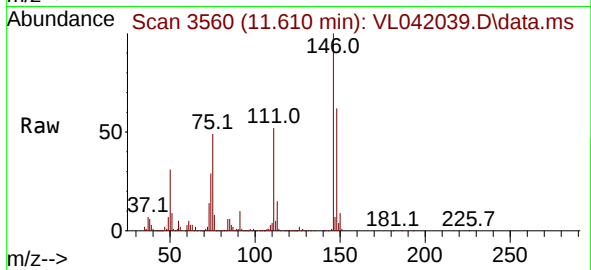
148 62.8 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#76

1,4-Dichlorobenzene

Concen: 12.909 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. -0.010 min

Lab File: VL042039.D

Acq: 21 Feb 2025 14:07

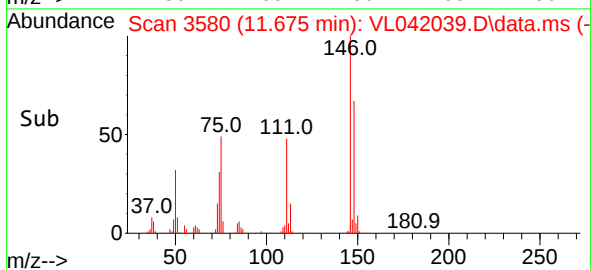
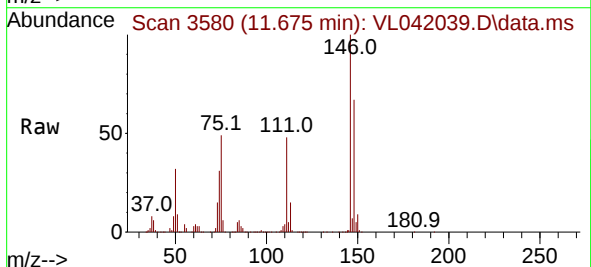
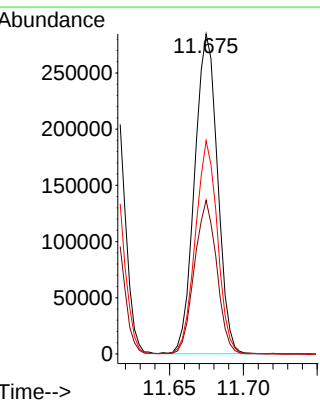
Tgt Ion:146 Resp: 306295

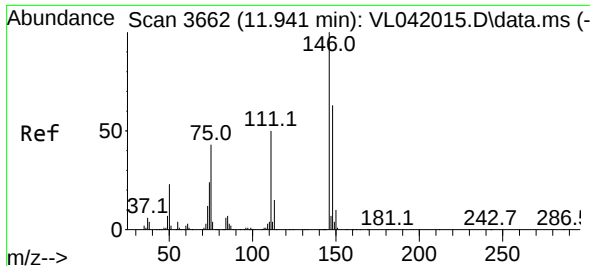
Ion Ratio Lower Upper

146 100

111 46.9 23.5 70.5

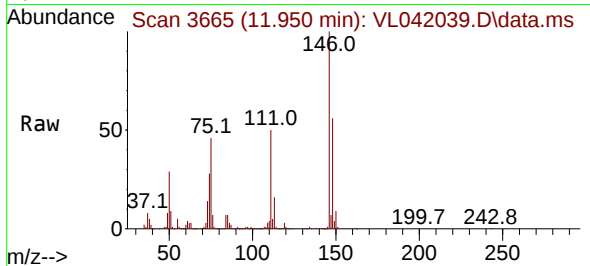
148 64.5 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 12.845 ppbv
RT: 11.950 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

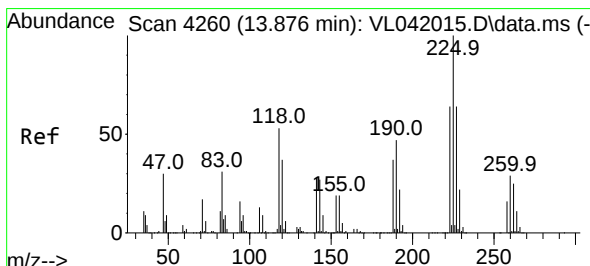
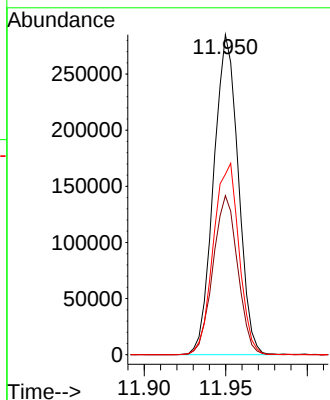
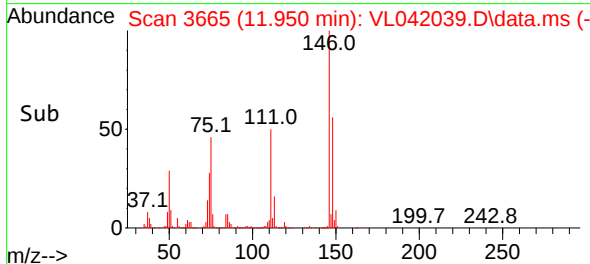
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 29874
Ion Ratio Lower Upper
146 100
111 50.0 25.6 76.8
148 62.3 31.9 95.7

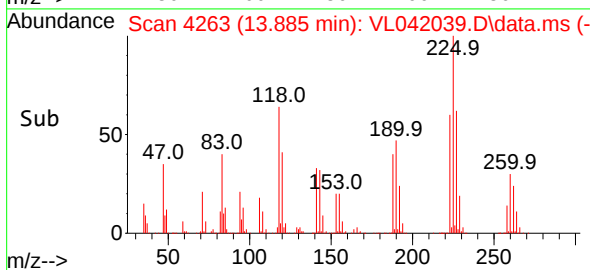
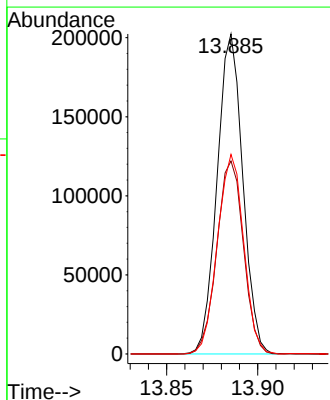
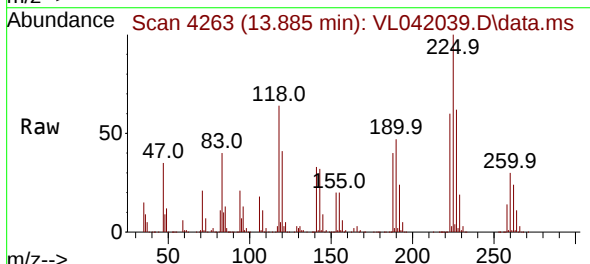
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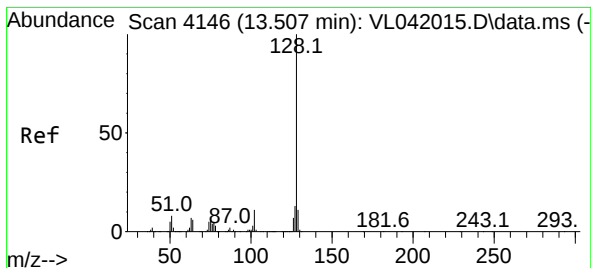
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
Hexachloro-1,3-Butadiene
Concen: 10.306 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

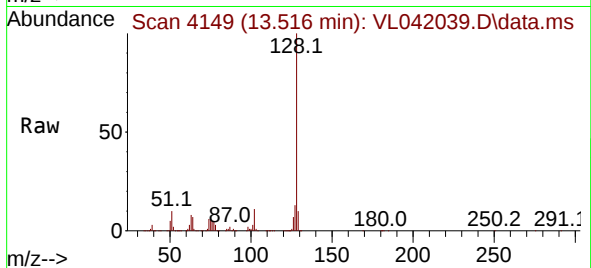
Tgt Ion:225 Resp: 198295
Ion Ratio Lower Upper
225 100
223 62.4 50.6 75.8
227 63.6 50.9 76.3





#79
Naphthalene
Concen: 11.601 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

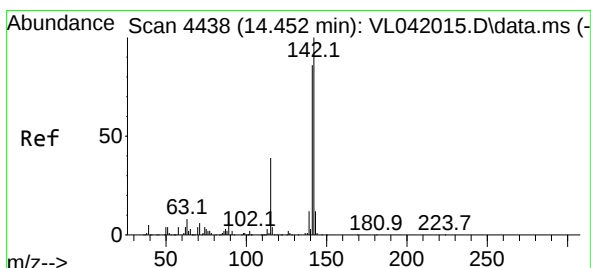
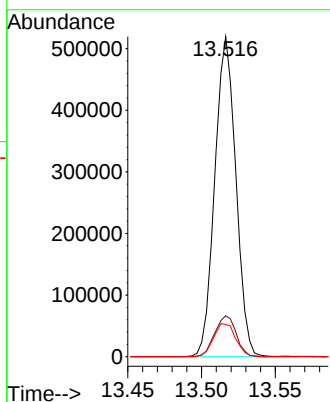
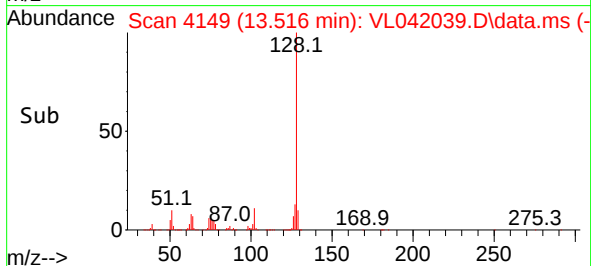
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 515768
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.1 8.6 13.0

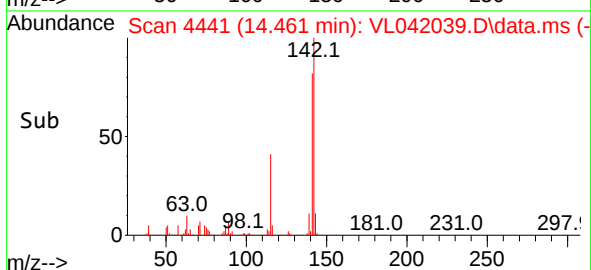
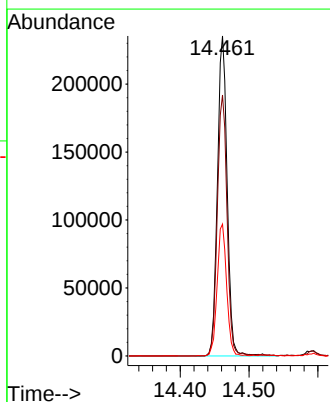
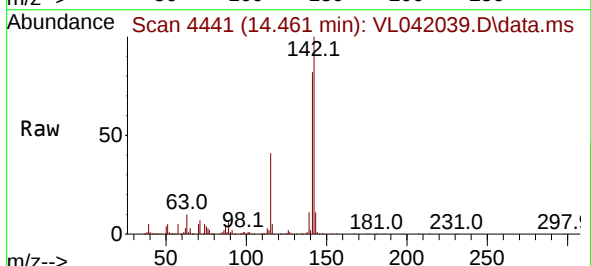
Manual Integrations
APPROVED

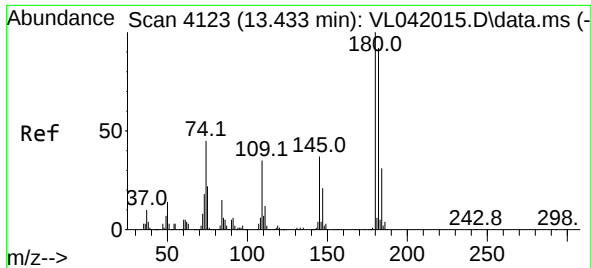
Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
Naphthalene,2-methyl-
Concen: 11.464 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.010 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

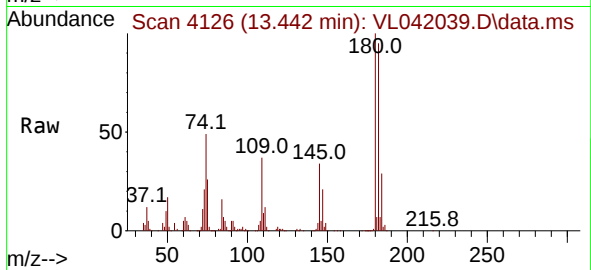
Tgt Ion:142 Resp: 230760
Ion Ratio Lower Upper
142 100
141 82.6 68.2 102.2
115 40.5 33.6 50.4





#81
1,2,4-Trichlorobenzene
Concen: 11.896 ppbv
RT: 13.442 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL042039.D
Acq: 21 Feb 2025 14:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 214990
Ion Ratio Lower Upper
180 100
182 93.9 75.8 113.6
184 29.0 24.2 36.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

