

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031425\
 Data File : VL042141.D
 Acq On : 14 Mar 2025 08:39
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/17/2025
 Supervised By : Mahesh Dadoda 03/17/2025

Quant Time: Mar 14 23:16:35 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

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

Internal Standards						
1) Bromochloromethane	2.784	49	175939	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.959	114	420429	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.882	117	358414	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 293332 10.638 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	191974	10.493	ppbv	100
3) Chlorodifluoromethane	1.476	51	228149	8.922	ppbv	100
4) Chloromethane	1.532	50	72618	10.733	ppbv	97
5) Vinyl Chloride	1.580	62	70955	11.087	ppbv	96
6) Bromomethane	1.667	94	34387	11.284	ppbv	97
7) Chloroethane	1.703	64	27399	10.537	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	161623	10.746	ppbv	98
9) Propene	1.483	41	95933	9.209	ppbv	98
10) Heptane	4.979	43	269945	8.323	ppbv	98
11) Trichlorofluoromethane	1.875	101	202929	11.070	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.137	101	150319	10.280	ppbv	96
13) Ethanol	1.719	45	5940	8.982	ppbv	91
14) Bromoethene	1.781	108	55223	10.694	ppbv	99
15) Acetone	1.836	43	157921	10.164	ppbv	98
16) 1,3-Butadiene	1.609	39	76015	10.513	ppbv	99
17) tert-Butyl alcohol	2.040	59	177586	9.136	ppbv	100
18) 1,1-Dichloroethene	2.033	96	64716	9.795	ppbv	92
19) Isopropyl Alcohol	1.884	45	90039	10.088	ppbv	96
20) Methylene Chloride	2.059	84	64336	10.947	ppbv	97
21) Allyl Chloride	2.095	41	113949	10.150	ppbv	97
22) trans-1,2-Dichloroethene	2.341	96	80485	10.449	ppbv	90
23) Vinyl Acetate	2.460	43	94433	8.644	ppbv	99
24) 1,1-Dichloroethane	2.409	63	154561	10.784	ppbv	99
25) Ethyl Acetate	2.836	43	552236	8.880	ppbv	99
26) Hexane	2.823	57	224625	8.934	ppbv	98
27) Carbon Disulfide	2.150	76	186073	10.918	ppbv	99
28) Methyl tert-Butyl Ether	2.438	73	106326	8.494	ppbv	99
29) Chloroform	2.849	83	296552	8.764	ppbv	99
30) Cyclohexane	3.855	84	163459	8.010	ppbv	95
31) cis-1,2-Dichloroethene	2.719	61	193004	8.109	ppbv	98
32) 1,1,1-Trichloroethane	3.367	97	268630	8.184	ppbv	95
34) 2-Butanone	2.558	43	305355	9.323	ppbv	96
35) Carbon Tetrachloride	3.762	117	279849	9.653	ppbv	99
36) Benzene	3.655	78	399974	9.088	ppbv	95
37) 1,2-Dichloroethane	3.218	62	217321	8.906	ppbv	100
38) Trichloroethene	4.548	130	152158	8.466	ppbv	96
39) 1,2-Dichloropropane	4.315	63	150906	9.033	ppbv	96
40) 1,4-Dioxane	4.580	88	67340	8.830	ppbv #	99
41) Tetrahydrofuran	3.056	42	174452	9.014	ppbv	98
42) Bromodichloromethane	4.487	83	307764	9.361	ppbv	93
43) Methyl Methacrylate	4.881	69	145265	8.451	ppbv	96
44) 2,2,4-Trimethylpentane	4.635	57	717940	9.243	ppbv	98
45) t-1,3-Dichloropropene	6.412	75	135149	7.914	ppbv	95

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

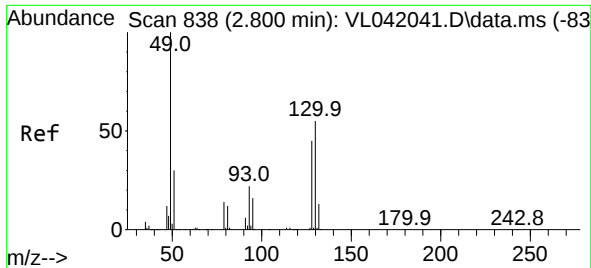
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	183303	8.295	ppbv	98
47) 1,1,2-Trichloroethane	6.581	97	154904	9.134	ppbv	96
48) Dibromochloromethane	7.387	129	239456	9.015	ppbv	98
49) Bromoform	9.484	173	213827	9.270	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	408504	9.644	ppbv	96
51) 2-Hexanone	7.438	43	316988	10.872	ppbv #	98
52) Tetrachloroethene	8.225	164	129959	8.625	ppbv	98
53) Toluene	6.933	91	423735	8.614	ppbv	98
54) 1,2-Dibromoethane	7.652	107	201881	8.805	ppbv	90
56) 1,1,1,2-Tetrachloroethane	8.924	131	192287	9.492	ppbv	100
57) Chlorobenzene	8.921	112	344848	9.280	ppbv	99
58) Ethyl Benzene	9.354	91	572580	8.675	ppbv	100
59) m/p-Xylene	9.552	91	960961m	18.294	ppbv	
60) o-Xylene	9.963	91	485048	9.185	ppbv	99
61) Styrene	9.872	104	211885	8.535	ppbv	99
62) Isopropylbenzene	10.539	105	718498	9.085	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	341487	9.820	ppbv	100
64) n-propylbenzene	10.989	120	196285	9.462	ppbv	100
65) tert-Butylbenzene	11.533	119	655886	9.113	ppbv	98
66) Benzyl Chloride	11.617	91	45818	8.342	ppbv	97
67) sec-Butylbenzene	11.769	105	924266	8.979	ppbv	98
69) p-Isopropyltoluene	11.928	119	753153	9.197	ppbv	99
70) n-Butylbenzene	12.280	91	771737	9.232	ppbv	100
71) 2-Chlorotoluene	10.902	91	537863	8.822	ppbv	100
72) 4-Ethyltoluene	11.125	105	585082	9.074	ppbv	99
73) 1,3,5-Trimethylbenzene	11.203	105	494157	8.836	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	560827	8.905	ppbv	92
75) 1,3-Dichlorobenzene	11.607	146	336601	9.287	ppbv	98
76) 1,4-Dichlorobenzene	11.672	146	327927	9.113	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	330229	9.389	ppbv	99
78) Hexachloro-1,3-Butadiene	13.883	225	230108	8.408	ppbv	99
79) Naphthalene	13.514	128	481899	11.160	ppbv	100
80) Naphthalene,2-methyl-	14.459	142	151227	12.797	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	219258	9.111	ppbv	99

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



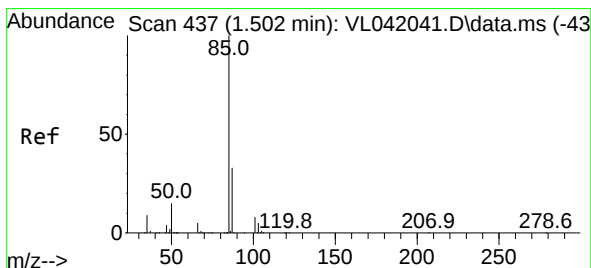
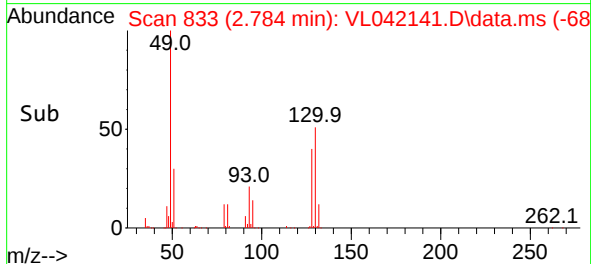
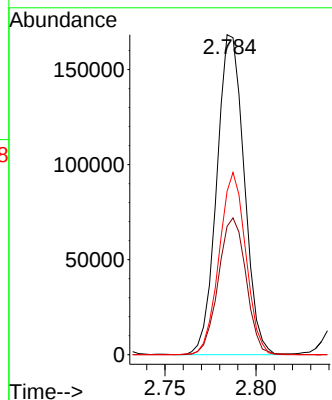
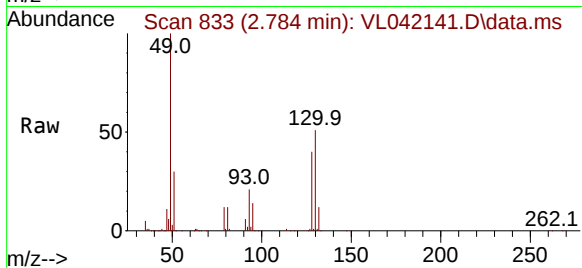
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 175939
Ion Ratio Lower Upper
49 100
128 43.1 21.6 64.8
130 55.3 27.8 83.4

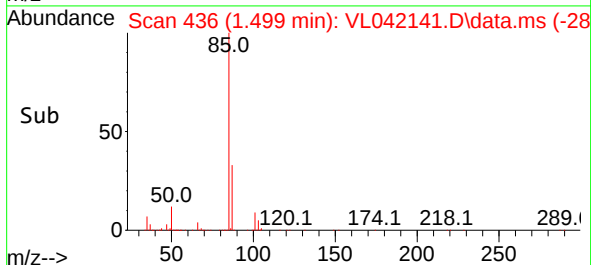
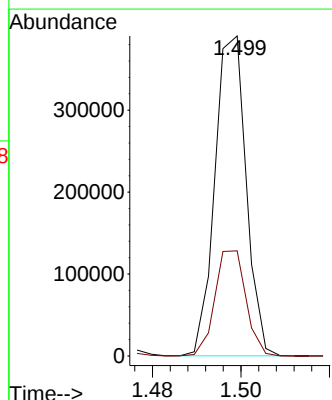
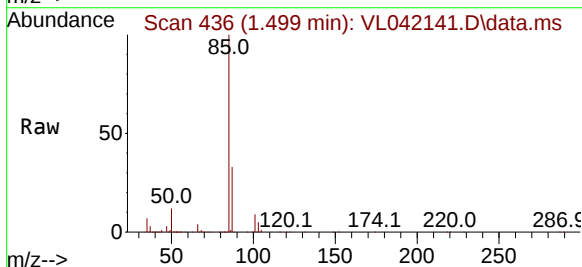
Manual Integrations
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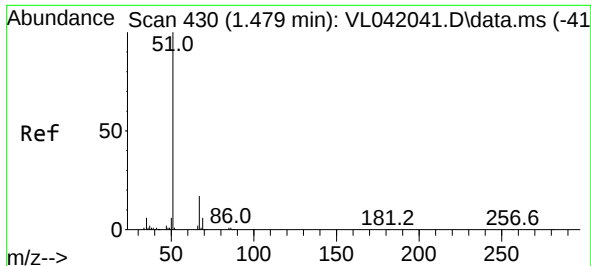
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#2
Dichlorodifluoromethane
Concen: 10.493 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion: 85 Resp: 191974
Ion Ratio Lower Upper
85 100
87 32.9 26.4 39.6





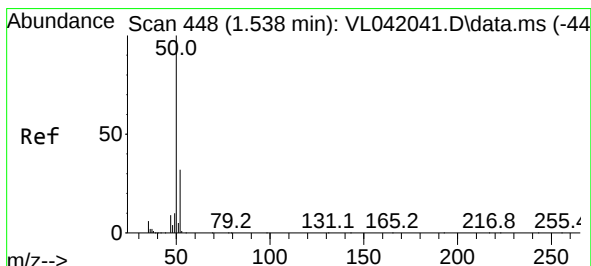
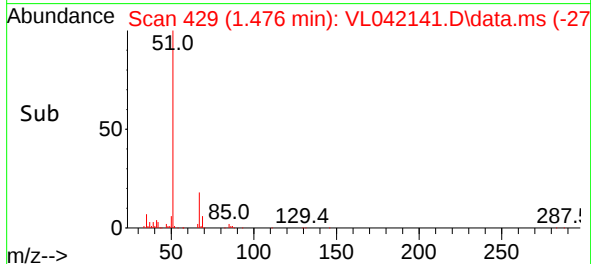
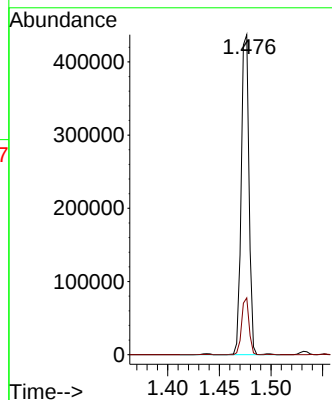
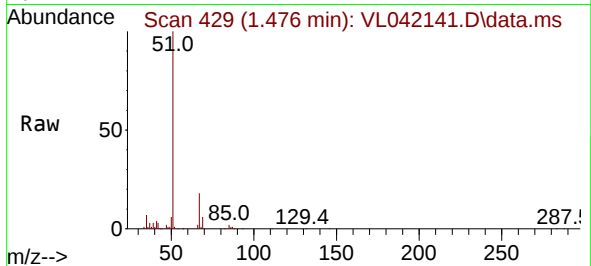
#3
Chlorodifluoromethane
Concen: 8.922 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 228149
Ion Ratio Lower Upper
51 100
67 17.0 13.7 20.5

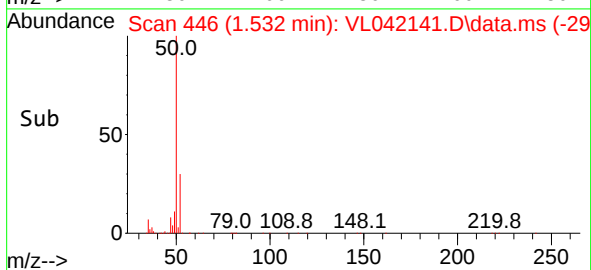
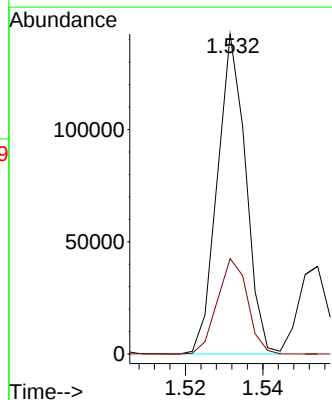
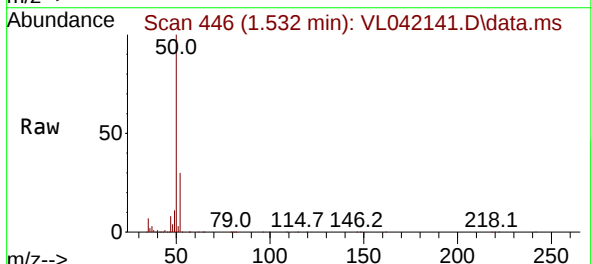
Manual Integrations
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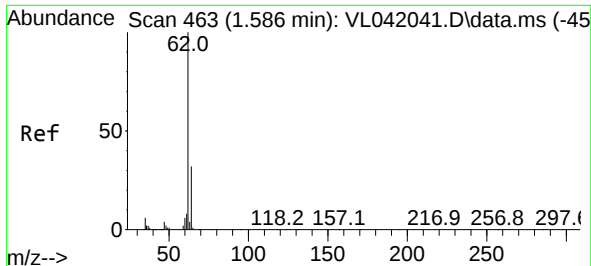
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#4
Chloromethane
Concen: 10.733 ppbv
RT: 1.532 min Scan# 446
Delta R.T. -0.006 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion: 50 Resp: 72618
Ion Ratio Lower Upper
50 100
52 29.8 25.4 38.0





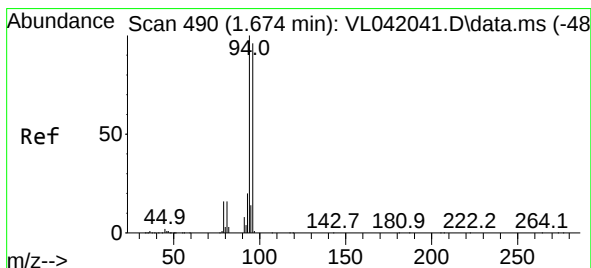
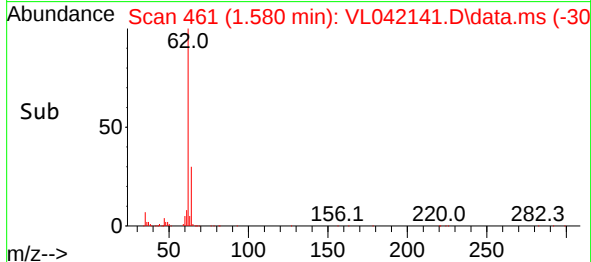
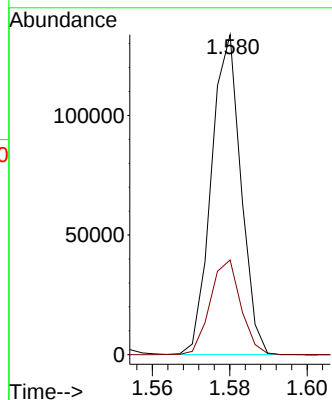
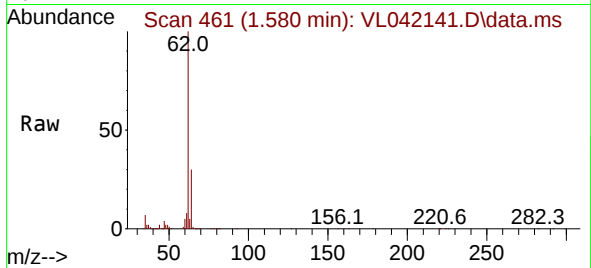
#5
 Vinyl Chloride
 Concen: 11.087 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.006 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 7095
 Ion Ratio Lower Upper
 62 100
 64 29.6 25.3 37.9

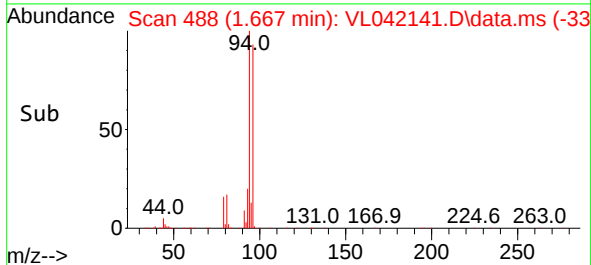
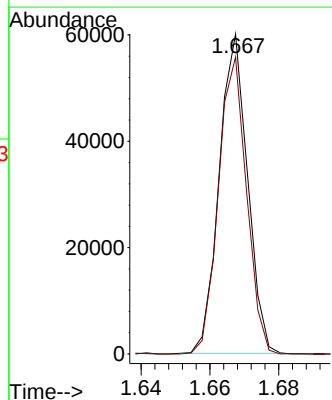
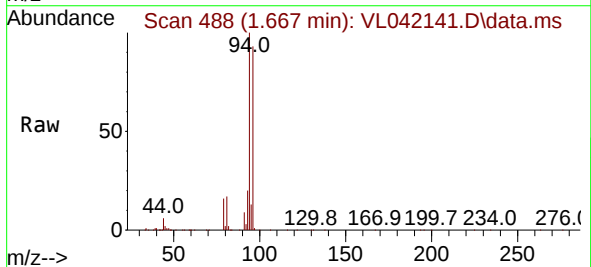
Manual Integrations
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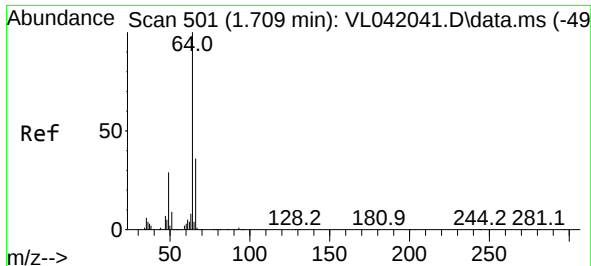
Reviewed By :Semsettin Yesilyurt 03/17/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#6
 Bromomethane
 Concen: 11.284 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.006 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

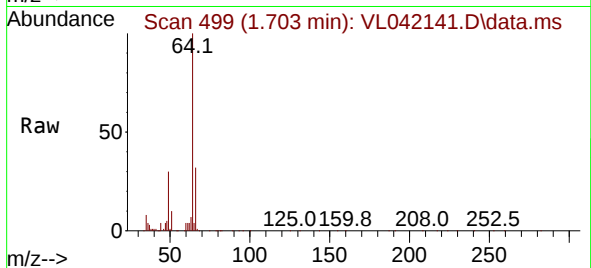
Tgt Ion: 94 Resp: 34387
 Ion Ratio Lower Upper
 94 100
 96 93.0 76.5 114.7





#7
Chloroethane
Concen: 10.537 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.006 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

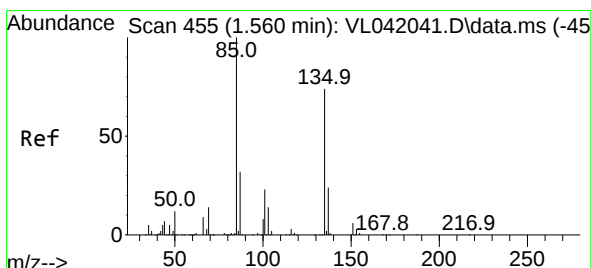
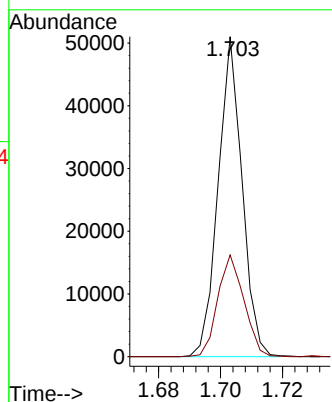
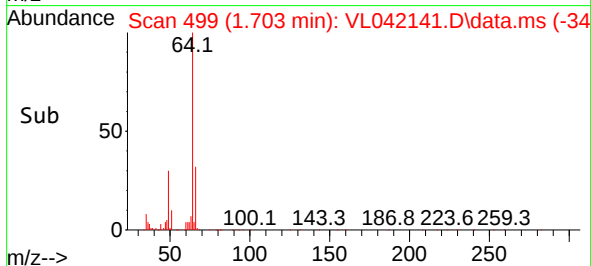
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



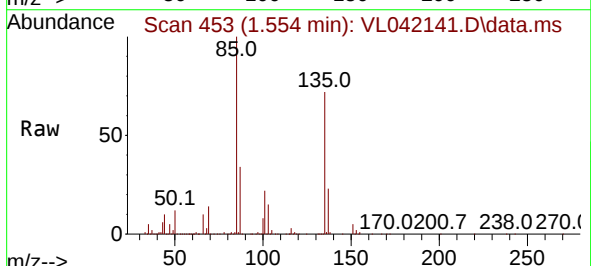
Tgt Ion: 64 Resp: 27395
Ion Ratio Lower Upper
64 100
66 31.8 28.4 42.6

Manual Integrations
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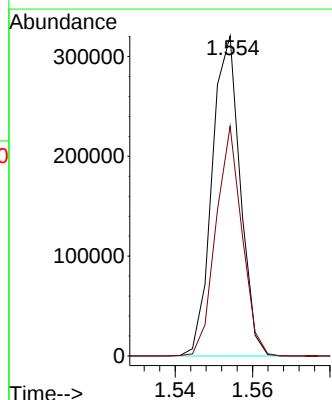
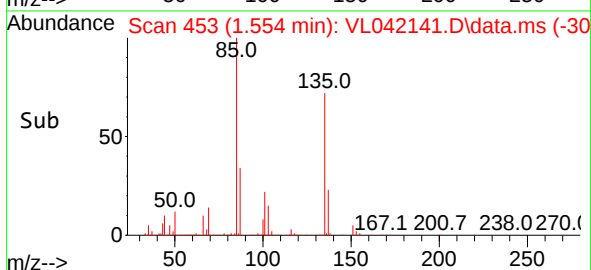
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025

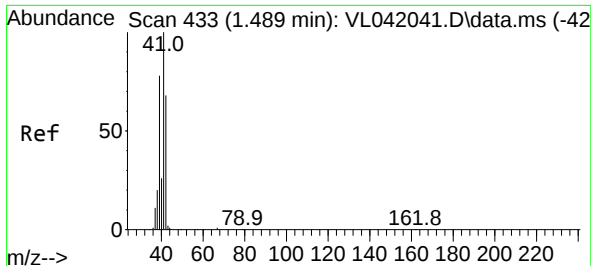


#8
Dichlorotetrafluoroethane
Concen: 10.746 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.006 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39



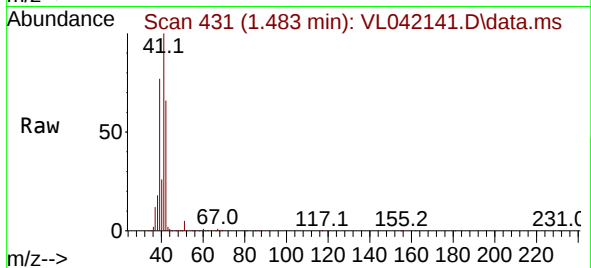
Tgt Ion: 85 Resp: 161623
Ion Ratio Lower Upper
85 100
135 66.8 54.6 81.8





#9
Propene
Concen: 9.209 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

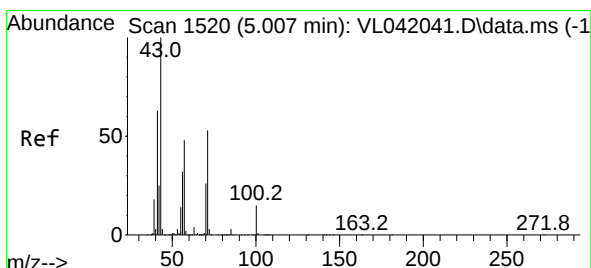
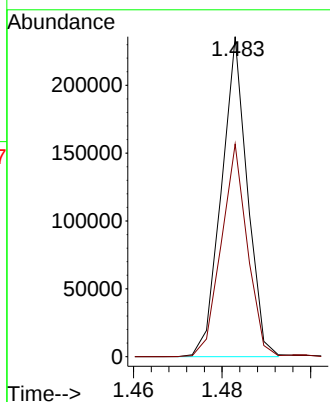
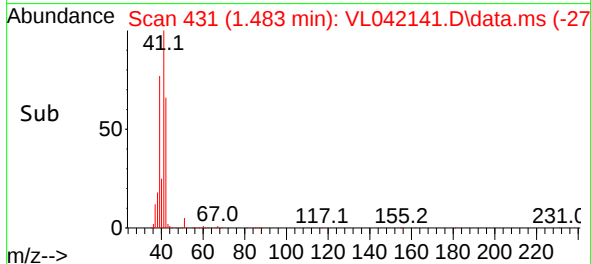
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 41 Resp: 9593
Ion Ratio Lower Upper
41 100
42 67.8 55.8 83.6

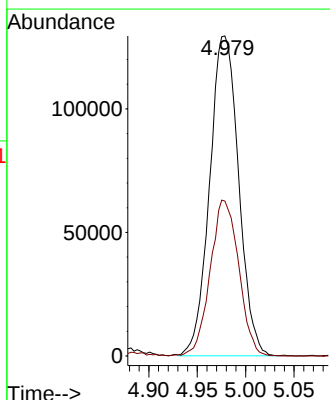
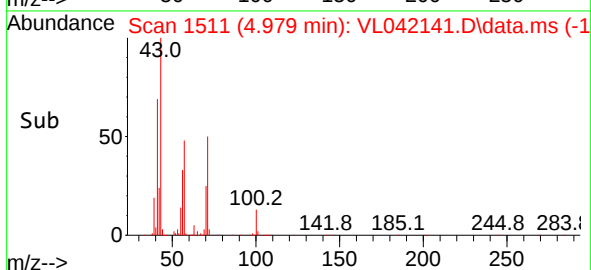
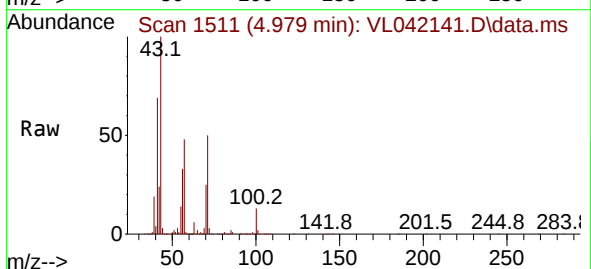
Manual Integrations
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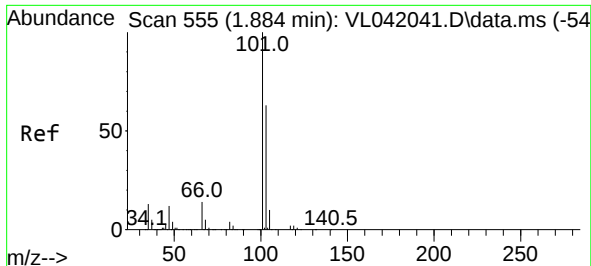
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#10
Heptane
Concen: 8.323 ppbv
RT: 4.979 min Scan# 1511
Delta R.T. -0.029 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion: 43 Resp: 269945
Ion Ratio Lower Upper
43 100
57 47.9 39.4 59.0





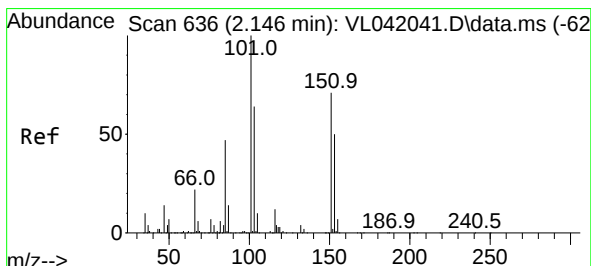
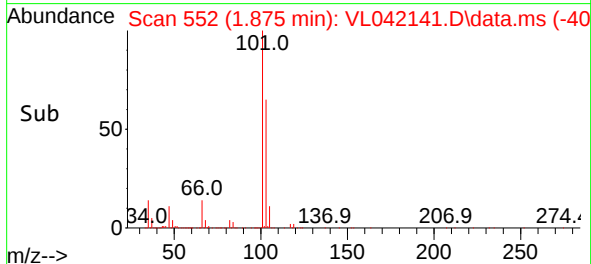
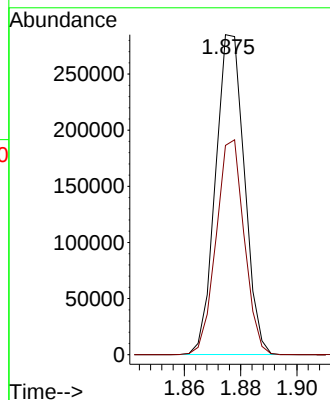
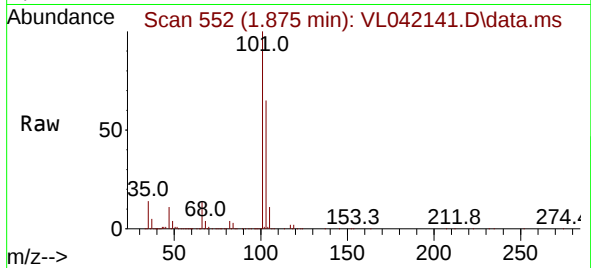
#11
 Trichlorofluoromethane
 Concen: 11.070 ppbv
 RT: 1.875 min Scan# 511
 Delta R.T. -0.009 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 202929
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.6 75.8

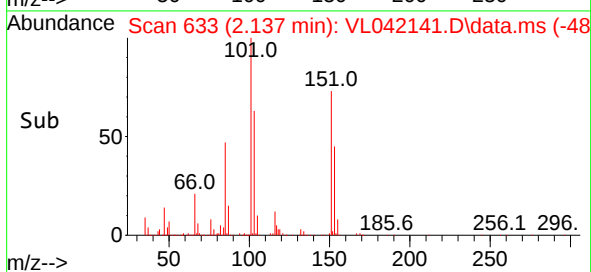
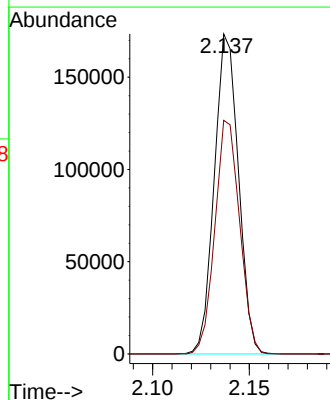
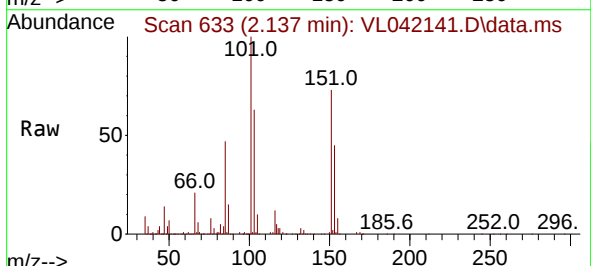
Manual Integrations
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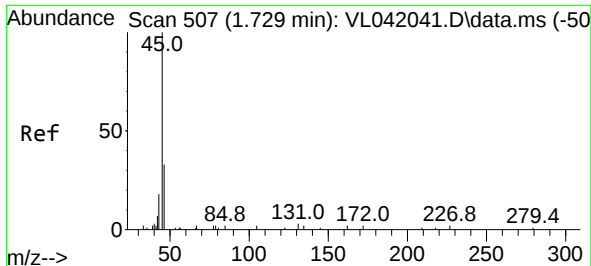
Reviewed By :Semsettin Yesilyurt 03/17/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.280 ppbv
 RT: 2.137 min Scan# 633
 Delta R.T. -0.009 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

Tgt Ion:101 Resp: 150319
 Ion Ratio Lower Upper
 101 100
 151 74.8 62.6 94.0





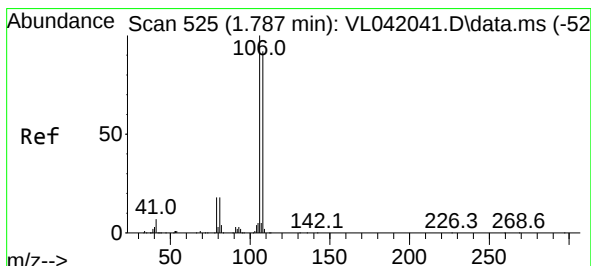
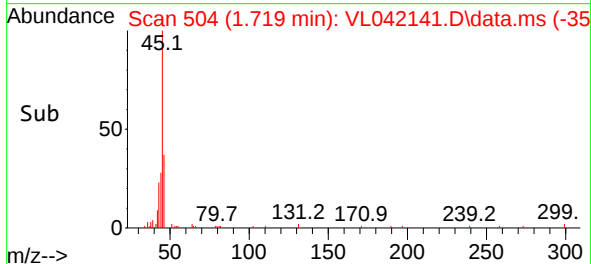
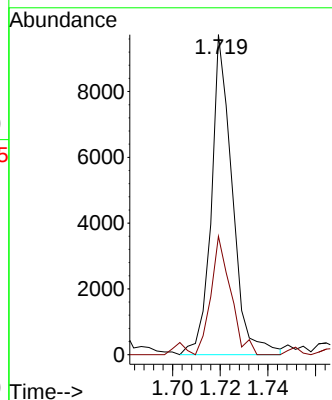
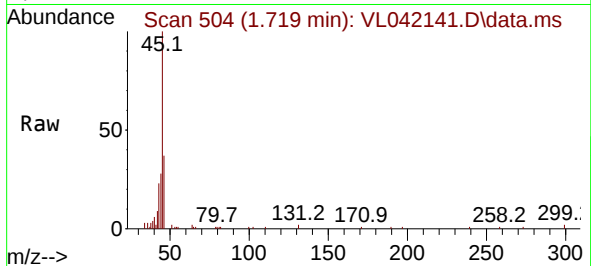
#13
Ethanol
Concen: 8.982 ppbv
RT: 1.719 min Scan# 507
Delta R.T. -0.009 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 5940
Ion Ratio Lower Upper
45 100
46 37.1 17.1 68.3

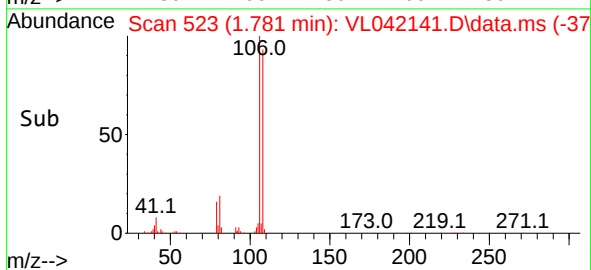
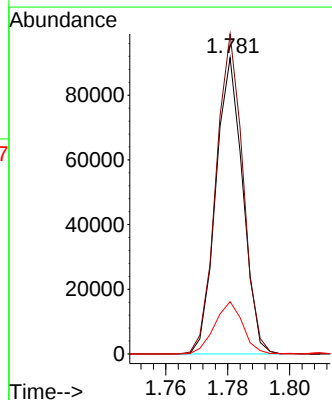
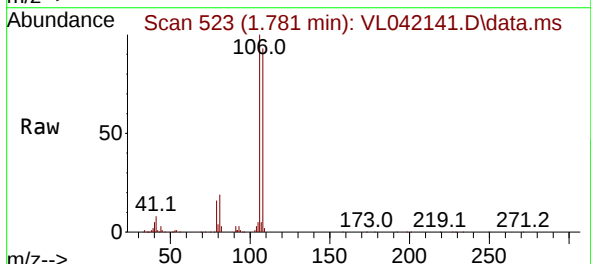
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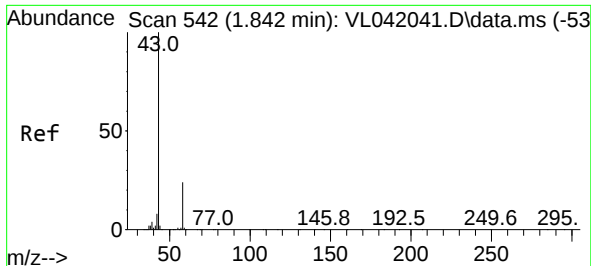
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#14
Bromoethene
Concen: 10.694 ppbv
RT: 1.781 min Scan# 523
Delta R.T. -0.006 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

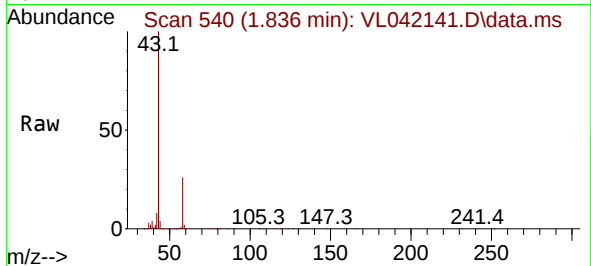
Tgt Ion:108 Resp: 55223
Ion Ratio Lower Upper
108 100
106 107.5 85.4 128.0
79 18.6 16.5 24.7





#15
Acetone
Concen: 10.164 ppbv
RT: 1.836 min Scan# 54
Delta R.T. -0.006 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

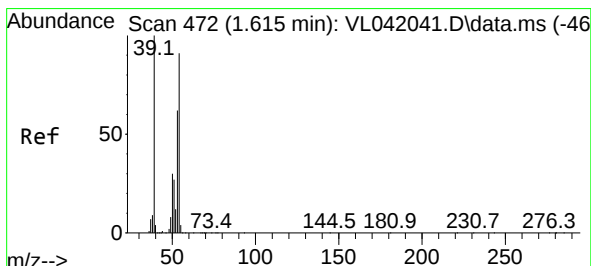
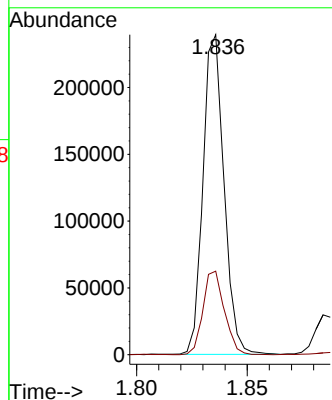
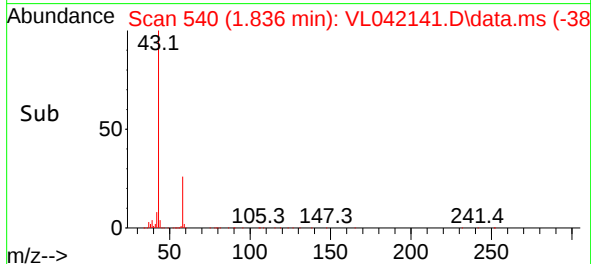
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 15792
Ion Ratio Lower Upper
43 100
58 26.8 20.7 31.1

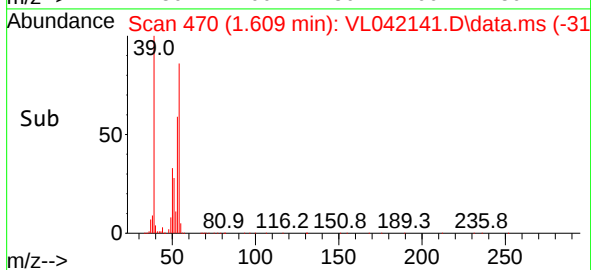
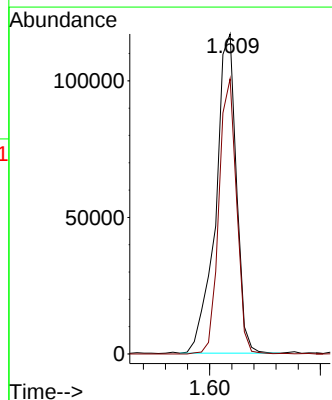
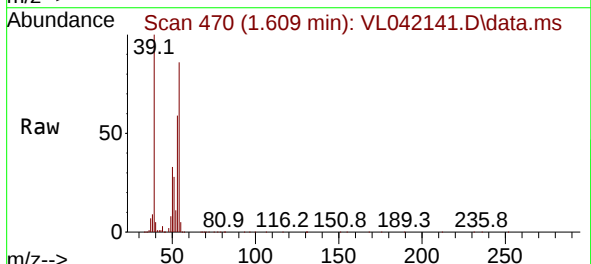
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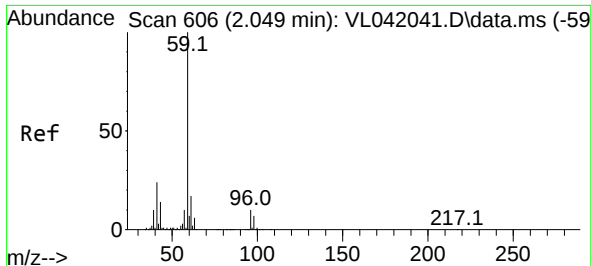
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#16
1,3-Butadiene
Concen: 10.513 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.006 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion: 39 Resp: 76015
Ion Ratio Lower Upper
39 100
54 73.6 59.6 89.4





#17

tert-Butyl alcohol

Concen: 9.136 ppbv

RT: 2.040 min Scan# 606

Delta R.T. -0.009 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 17758

Ion Ratio Lower Upper

59 100

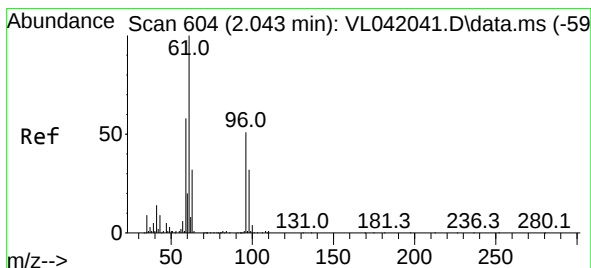
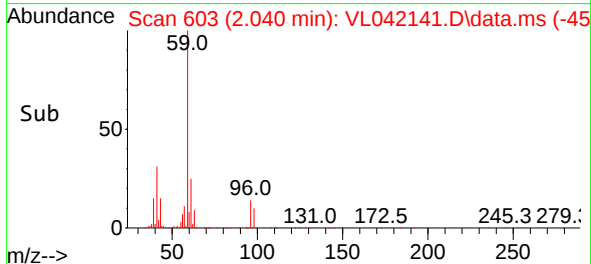
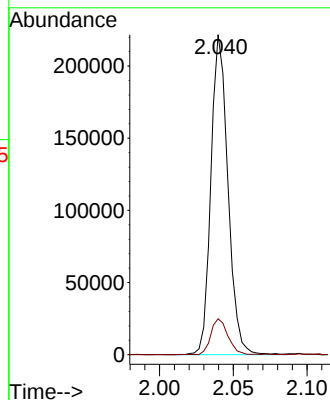
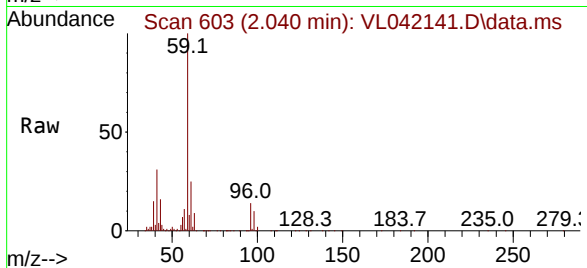
57 11.4 9.3 13.9

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Reviewed By :Semsettin Yesilyurt 03/17/2025

Supervised By :Mahesh Dadoda 03/17/2025



#18

1,1-Dichloroethene

Concen: 9.795 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.009 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

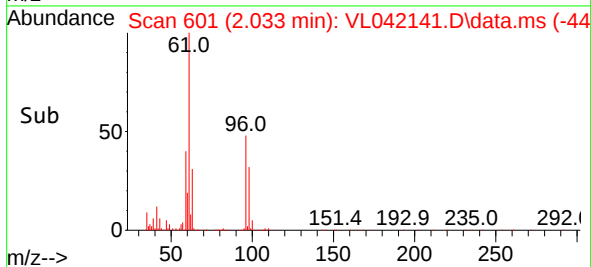
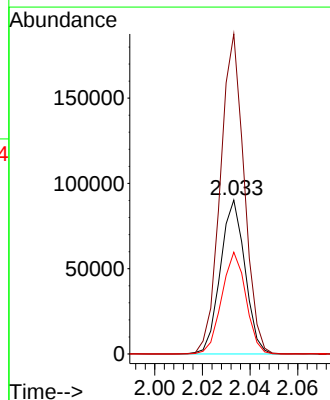
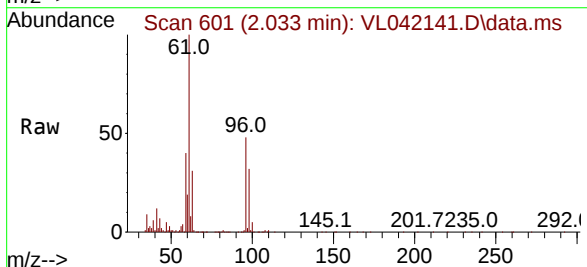
Tgt Ion: 96 Resp: 64716

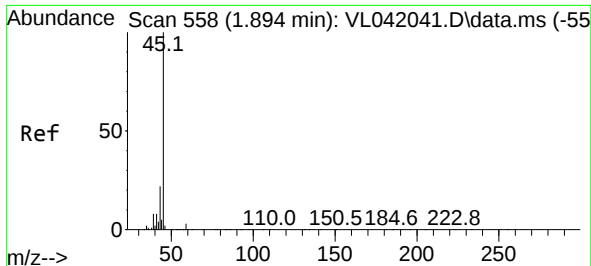
Ion Ratio Lower Upper

96 100

61 207.7 156.0 234.0

98 66.1 49.4 74.2





#19

Isopropyl Alcohol

Concen: 10.088 ppbv

RT: 1.884 min Scan# 51

Delta R.T. -0.009 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 90039

Ion Ratio Lower Upper

45 100

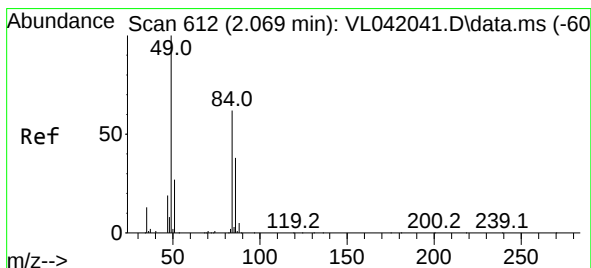
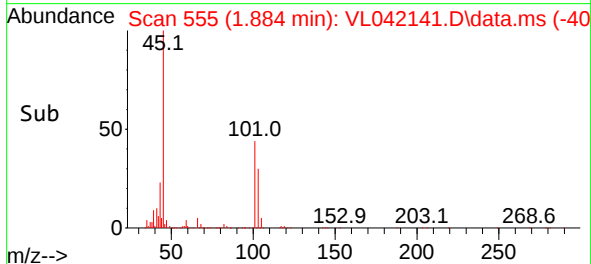
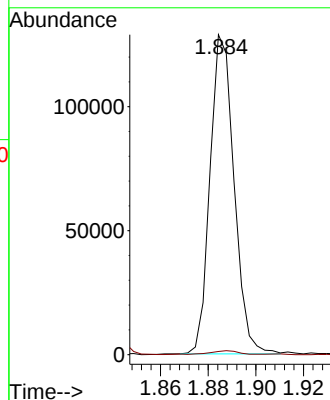
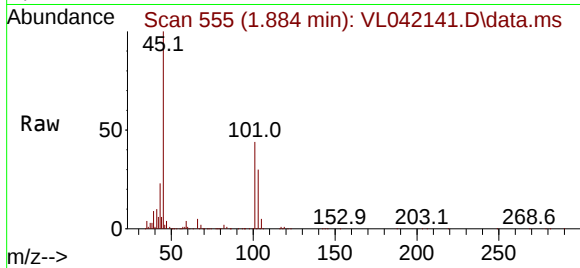
58 47.0 35.3 52.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2025

Supervised By :Mahesh Dadoda 03/17/2025



#20

Methylene Chloride

Concen: 10.947 ppbv

RT: 2.059 min Scan# 609

Delta R.T. -0.009 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Tgt Ion: 84 Resp: 64336

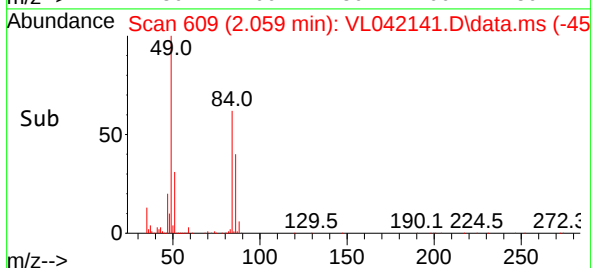
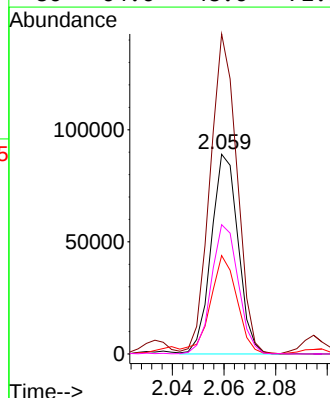
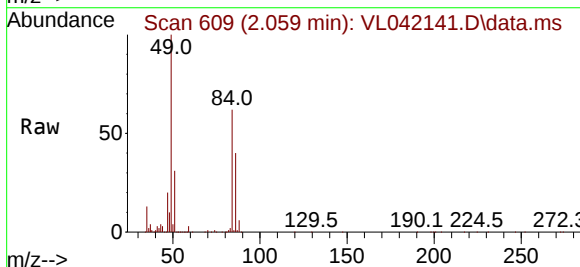
Ion Ratio Lower Upper

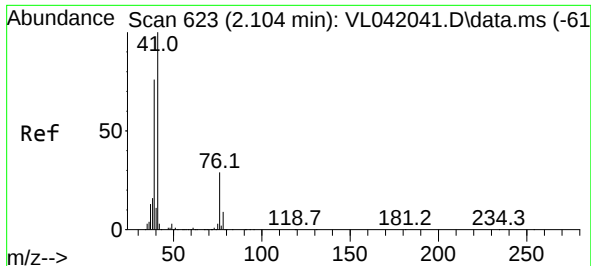
84 100

49 160.1 130.0 195.0

51 49.1 37.4 56.0

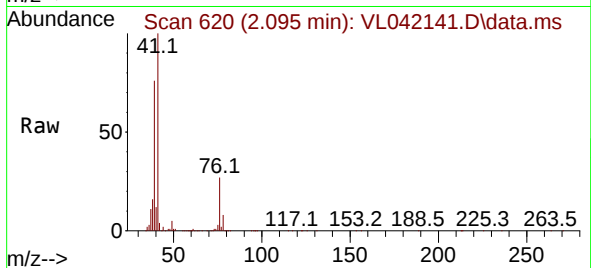
86 64.6 48.6 72.8





#21
 Allyl Chloride
 Concen: 10.150 ppbv
 RT: 2.095 min Scan# 61
 Delta R.T. -0.009 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

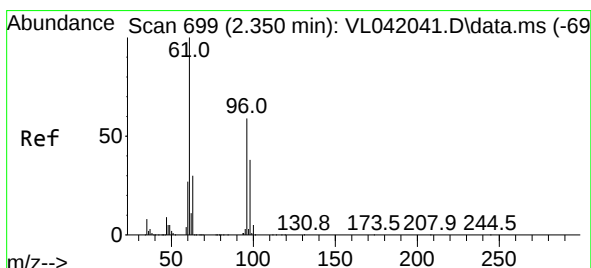
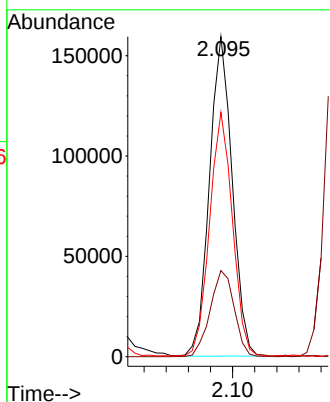
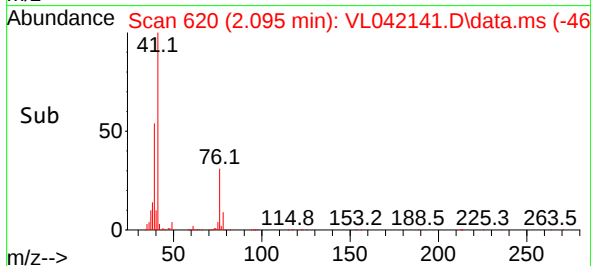
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



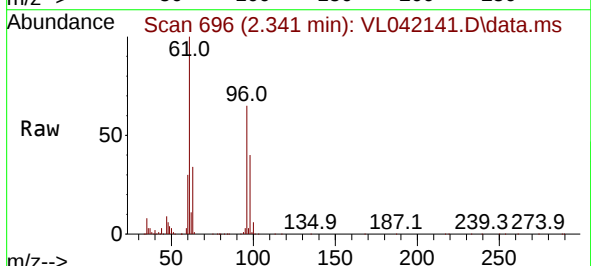
Tgt Ion: 41 Resp: 113949
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.8 35.6
 39 77.1 63.8 95.6

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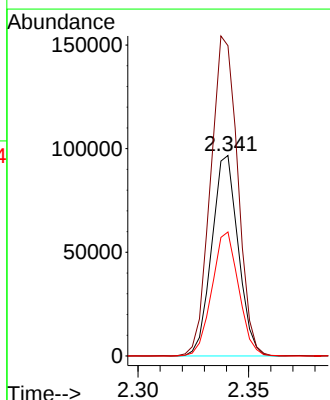
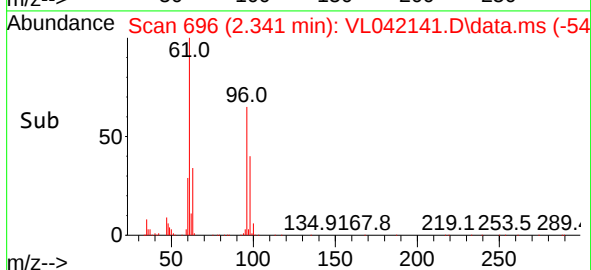
Reviewed By :Semsettin Yesilyurt 03/17/2025
 Supervised By :Mahesh Dadoda 03/17/2025

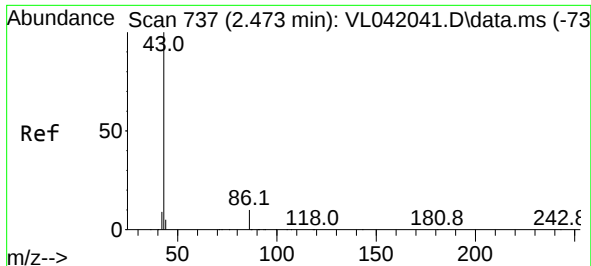


#22
 trans-1,2-Dichloroethene
 Concen: 10.449 ppbv
 RT: 2.341 min Scan# 696
 Delta R.T. -0.009 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39



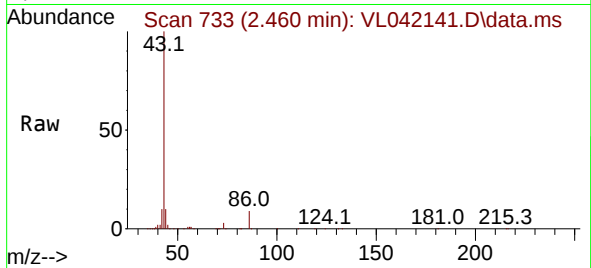
Tgt Ion: 96 Resp: 80485
 Ion Ratio Lower Upper
 96 100
 61 154.6 136.6 205.0
 98 61.8 51.8 77.6





#23
 Vinyl Acetate
 Concen: 8.644 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. -0.013 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

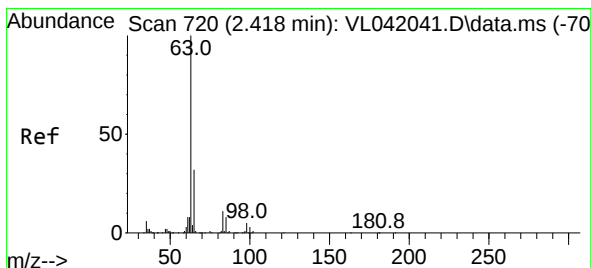
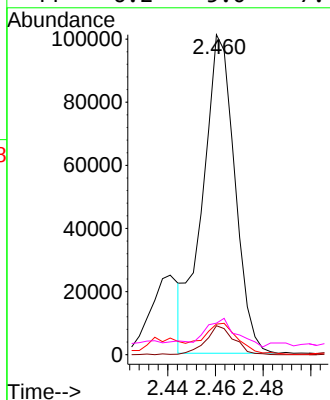
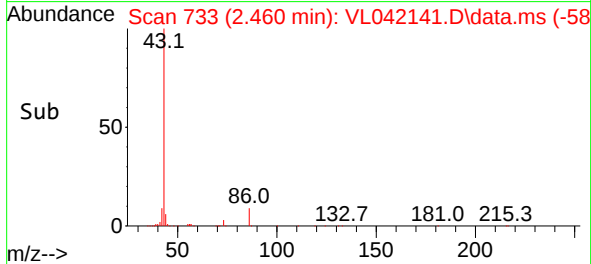
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 9443
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.0 10.4
 42 9.2 7.6 11.4
 44 6.2 5.0 7.4

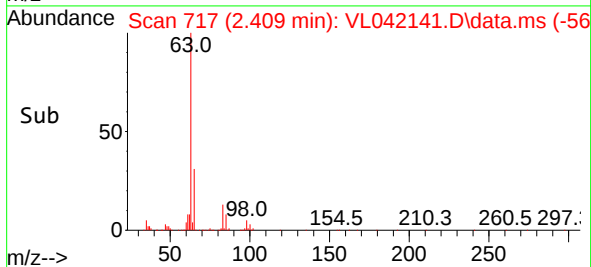
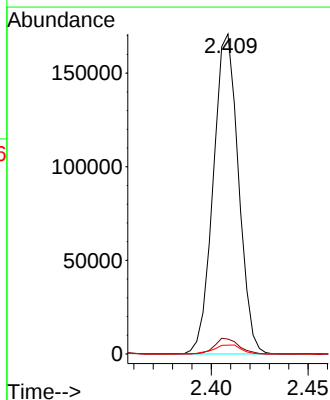
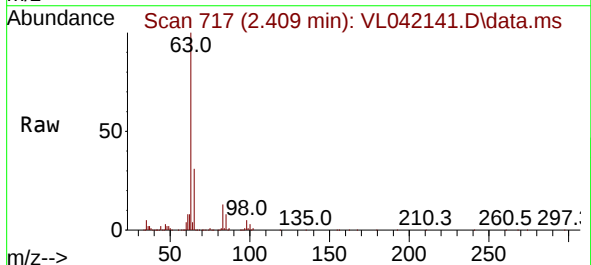
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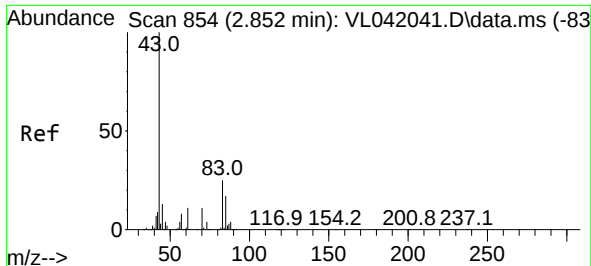
Reviewed By :Semsettin Yesilyurt 03/17/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#24
 1,1-Dichloroethane
 Concen: 10.784 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. -0.009 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

Tgt Ion: 63 Resp: 154561
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.4 7.2
 100 2.7 1.7 5.0





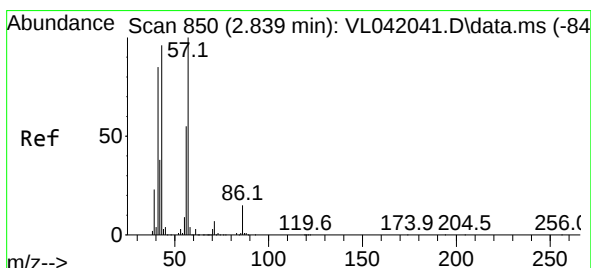
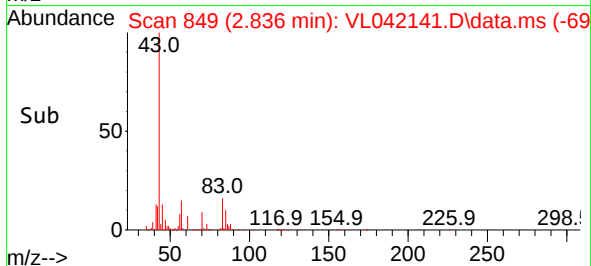
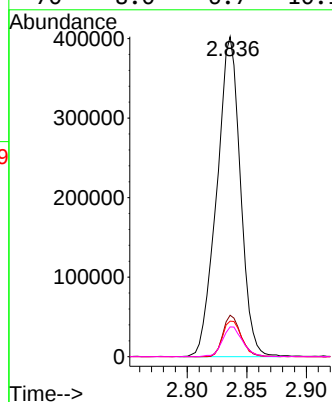
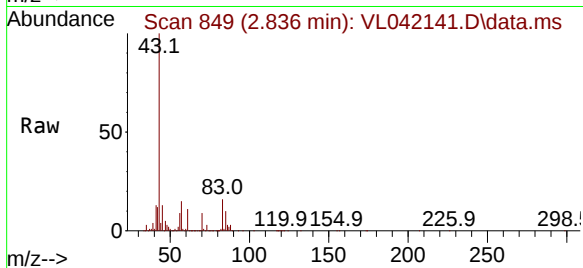
#25
Ethyl Acetate
Concen: 8.880 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 552236
Ion Ratio Lower Upper
43 100
45 10.0 8.1 12.1
61 9.2 7.2 10.8
70 8.0 6.7 10.1

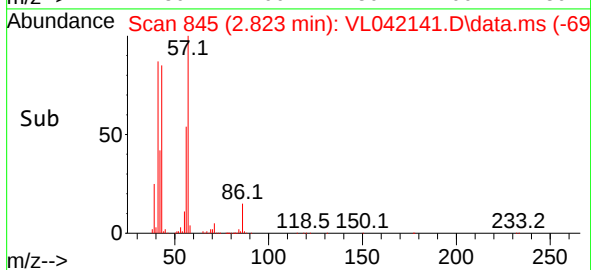
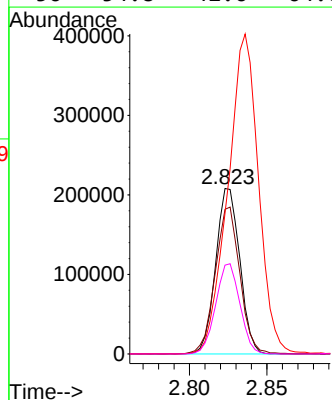
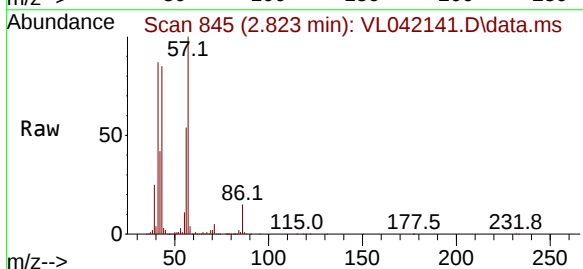
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Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#26
Hexane
Concen: 8.934 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

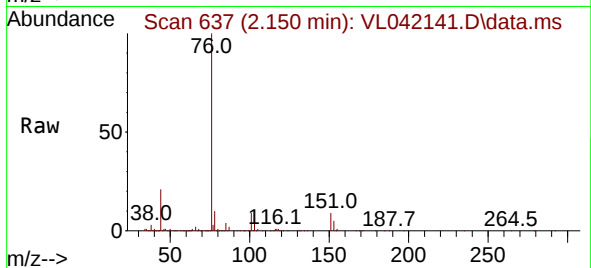
Tgt Ion: 57 Resp: 224625
Ion Ratio Lower Upper
57 100
41 91.4 70.6 106.0
43 247.2 199.4 299.0
56 54.8 42.6 64.0





#27
Carbon Disulfide
Concen: 10.918 ppbv
RT: 2.150 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

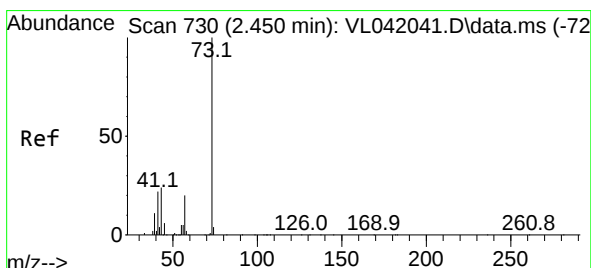
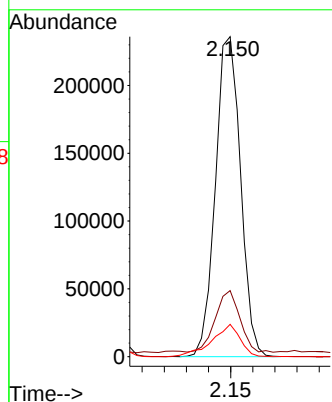
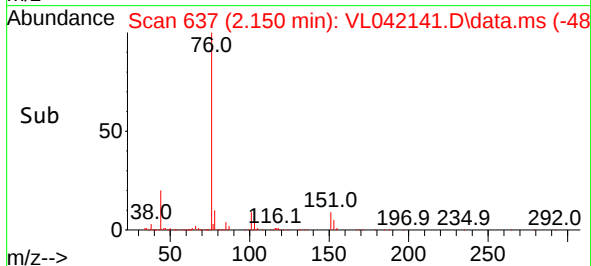
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 186073
Ion Ratio Lower Upper
76 100
44 20.6 16.2 24.2
78 11.4 9.4 14.0

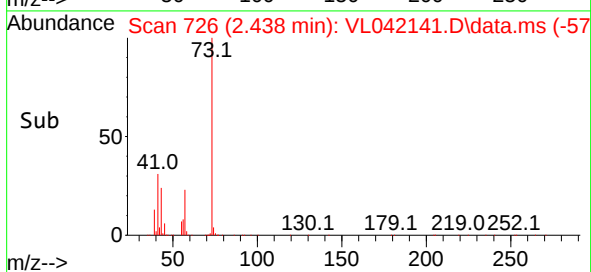
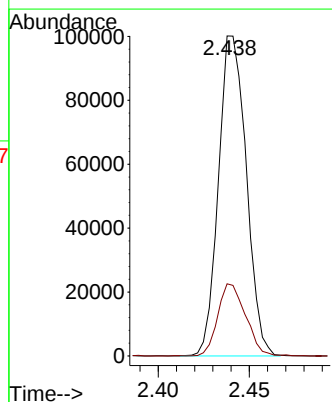
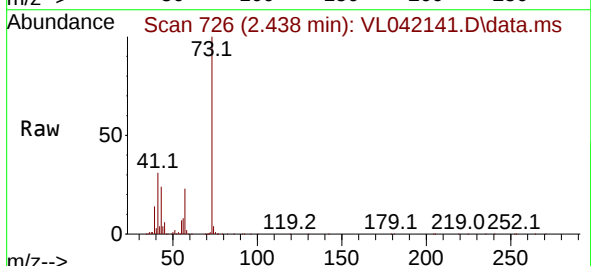
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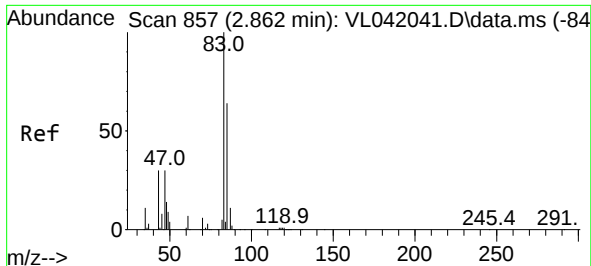
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#28
Methyl tert-Butyl Ether
Concen: 8.494 ppbv
RT: 2.438 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion: 73 Resp: 106326
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5





#29

Chloroform

Concen: 8.764 ppbv

RT: 2.849 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 296552

Ion Ratio Lower Upper

83 100

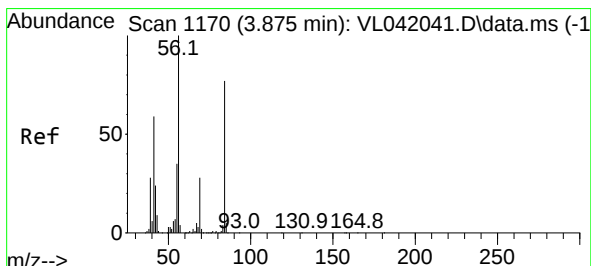
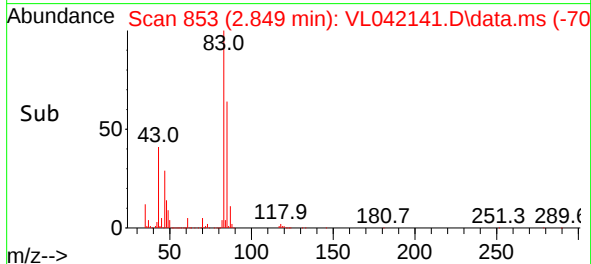
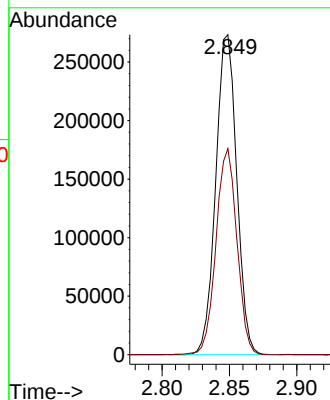
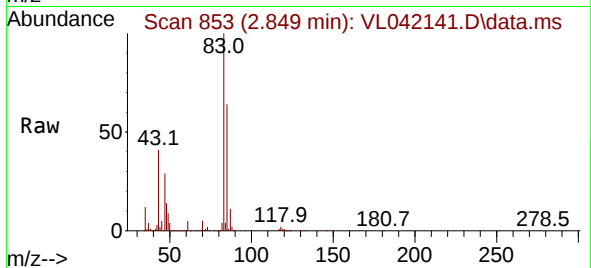
85 64.4 51.2 76.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2025

Supervised By :Mahesh Dadoda 03/17/2025



#30

Cyclohexane

Concen: 8.010 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.019 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

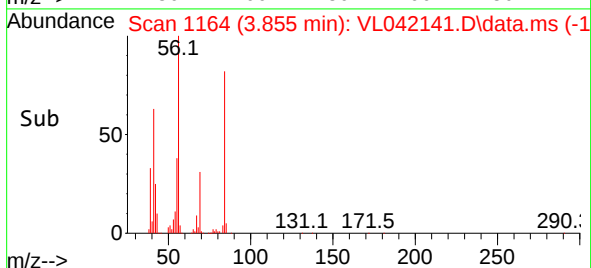
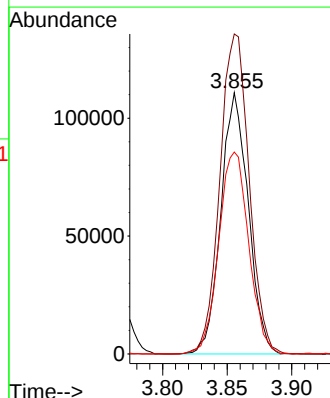
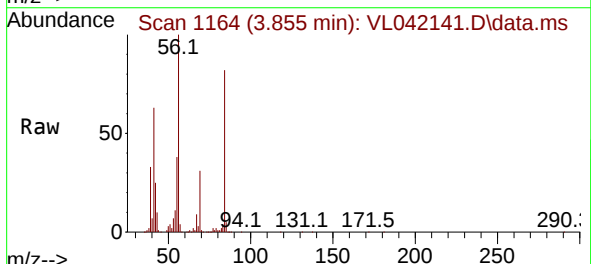
Tgt Ion: 84 Resp: 163459

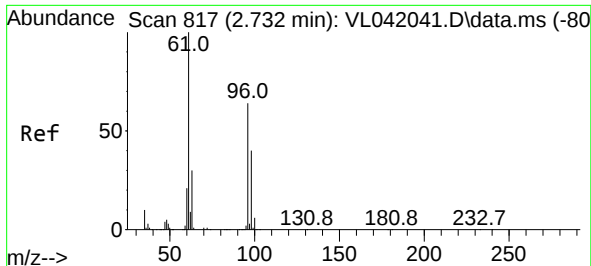
Ion Ratio Lower Upper

84 100

56 131.1 101.5 152.3

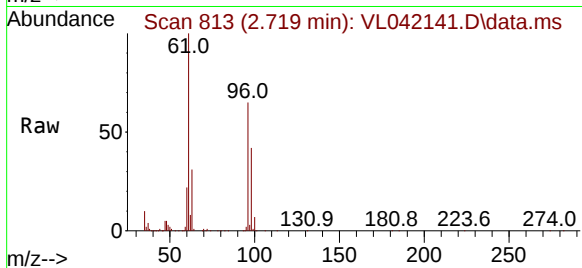
41 84.7 62.6 93.8





#31
 cis-1,2-Dichloroethene
 Concen: 8.109 ppbv
 RT: 2.719 min Scan# 817
 Delta R.T. -0.013 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

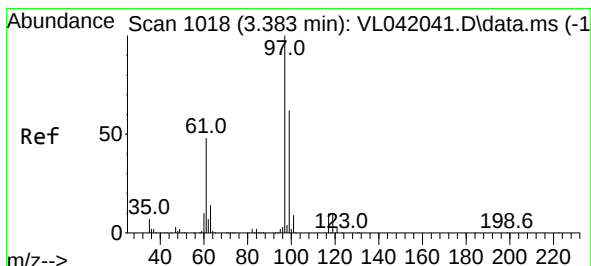
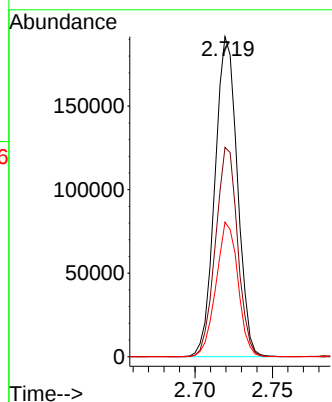
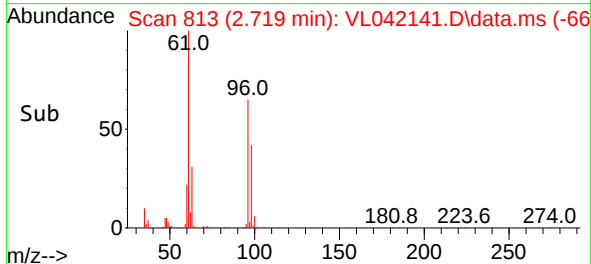
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



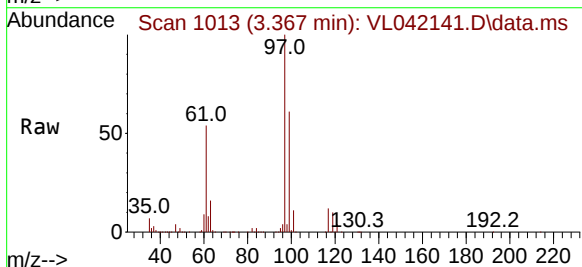
Tgt Ion: 61 Resp: 193004
 Ion Ratio Lower Upper
 61 100
 96 65.4 51.5 77.3
 98 42.0 32.0 48.0

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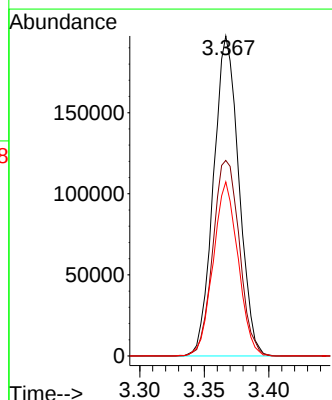
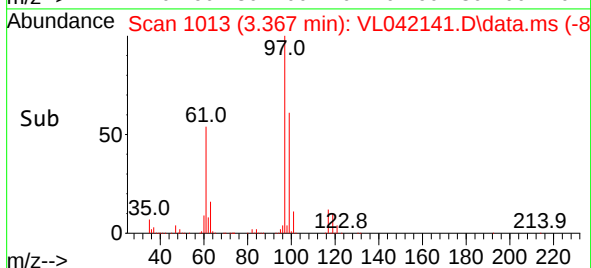
Reviewed By :Semsettin Yesilyurt 03/17/2025
 Supervised By :Mahesh Dadoda 03/17/2025

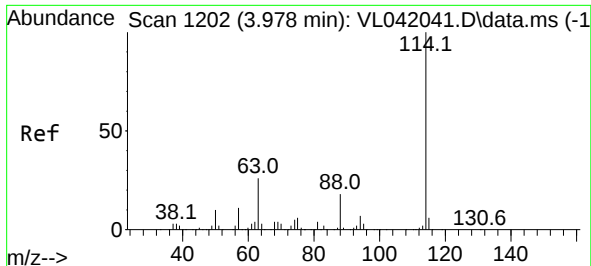


#32
 1,1,1-Trichloroethane
 Concen: 8.184 ppbv
 RT: 3.367 min Scan# 1013
 Delta R.T. -0.016 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39



Tgt Ion: 97 Resp: 268630
 Ion Ratio Lower Upper
 97 100
 99 64.1 49.8 74.6
 61 53.6 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.019 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Instrument :

MSVOA_L

ClientSampleId :

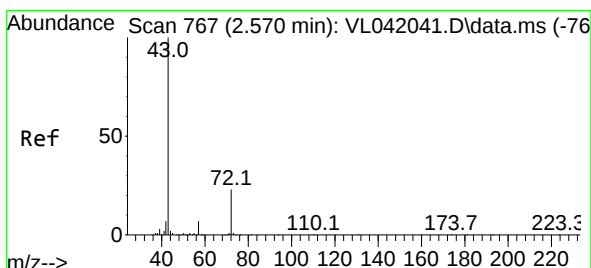
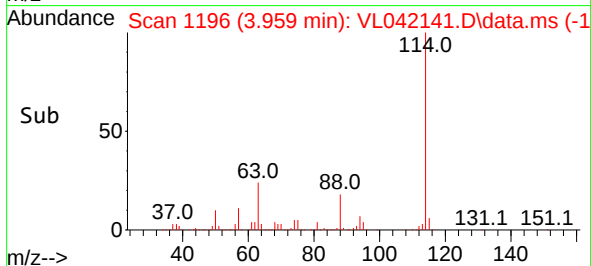
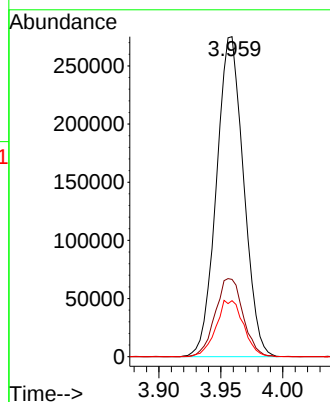
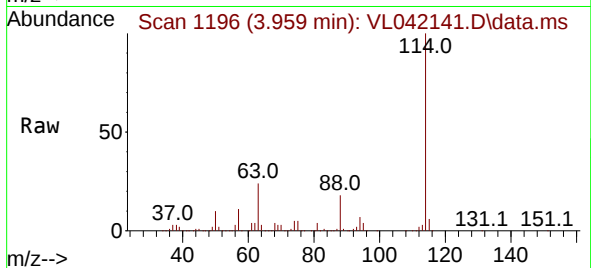
VSTDCCC010

Tgt Ion:114 Resp: 420429
 Ion Ratio Lower Upper
 114 100
 63 25.1 20.1 30.1
 88 17.9 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#34

2-Butanone

Concen: 9.323 ppbv

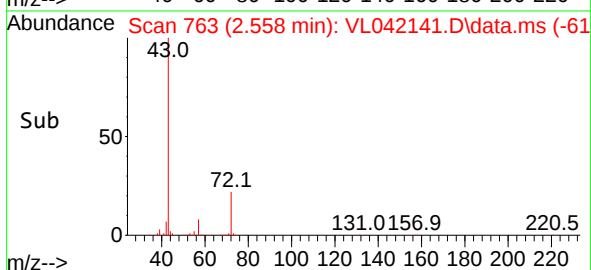
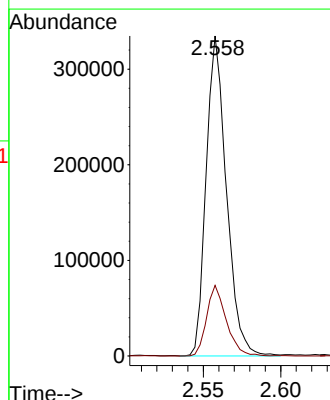
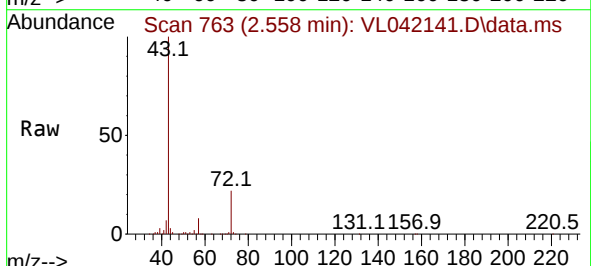
RT: 2.558 min Scan# 763

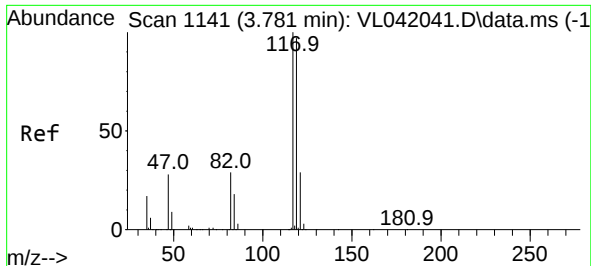
Delta R.T. -0.013 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

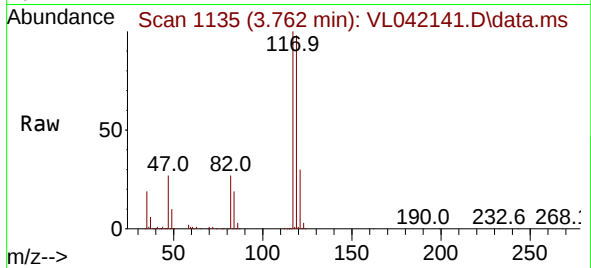
Tgt Ion: 43 Resp: 305355
 Ion Ratio Lower Upper
 43 100
 72 21.4 18.5 27.7





#35
Carbon Tetrachloride
Concen: 9.653 ppbv
RT: 3.762 min Scan# 1135
Delta R.T. -0.019 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

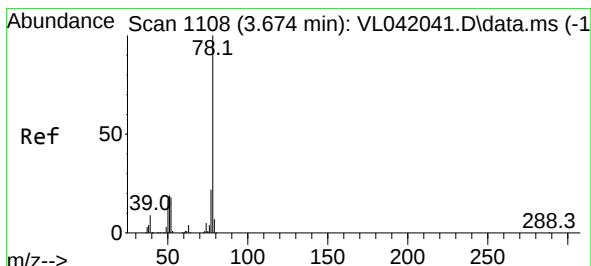
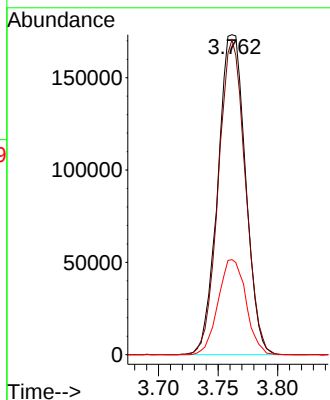
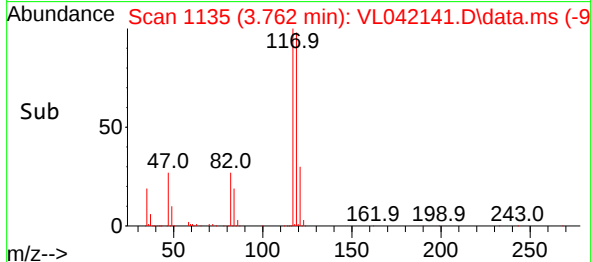
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 279849
Ion Ratio Lower Upper
117 100
119 98.3 77.8 116.8
121 29.7 23.4 35.0

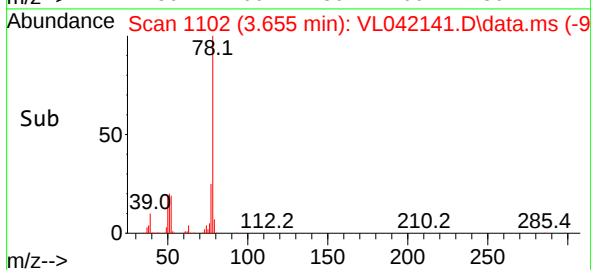
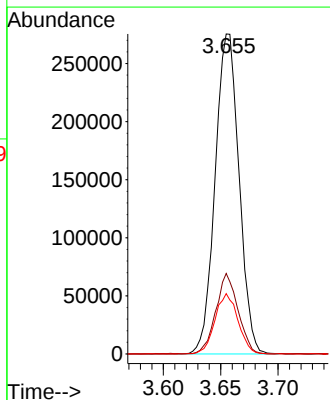
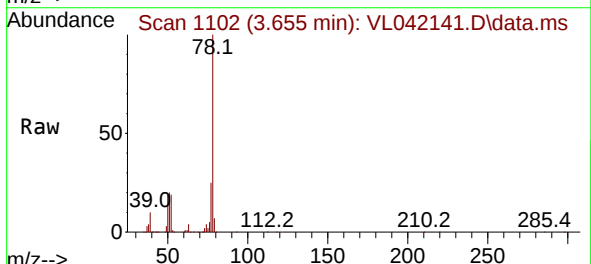
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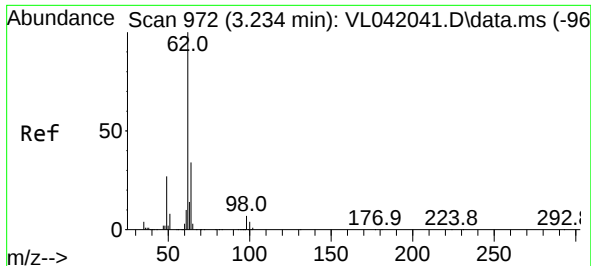
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#36
Benzene
Concen: 9.088 ppbv
RT: 3.655 min Scan# 1102
Delta R.T. -0.019 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

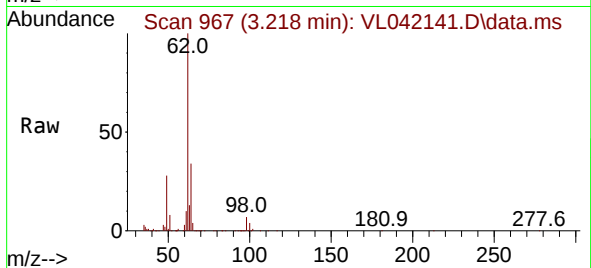
Tgt Ion: 78 Resp: 399974
Ion Ratio Lower Upper
78 100
77 25.1 17.7 26.5
50 18.8 13.9 20.9





#37
1,2-Dichloroethane
Concen: 8.906 ppbv
RT: 3.218 min Scan# 90
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

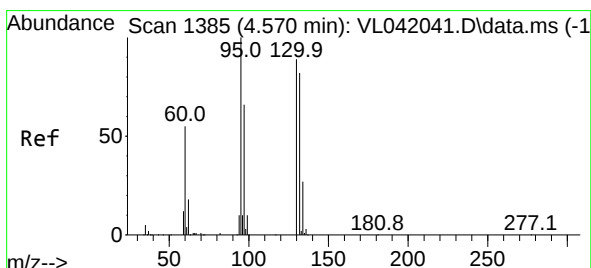
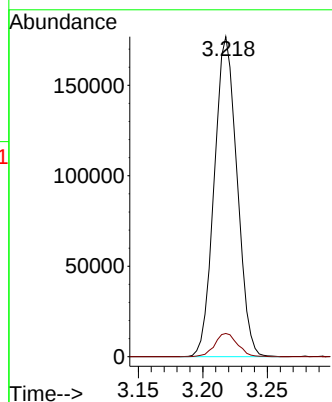
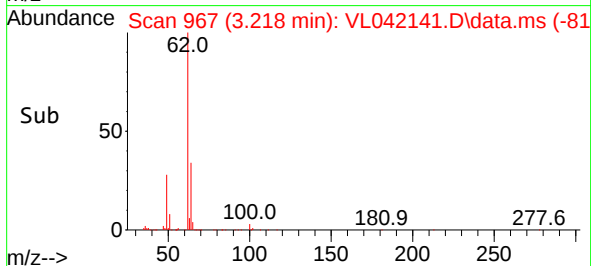
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 21732
Ion Ratio Lower Upper
62 100
98 7.3 5.7 8.5

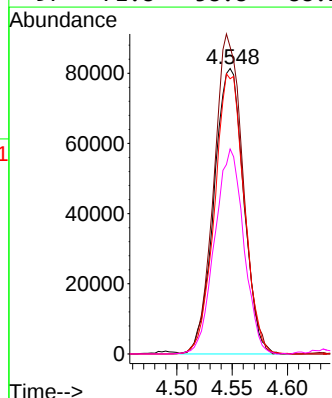
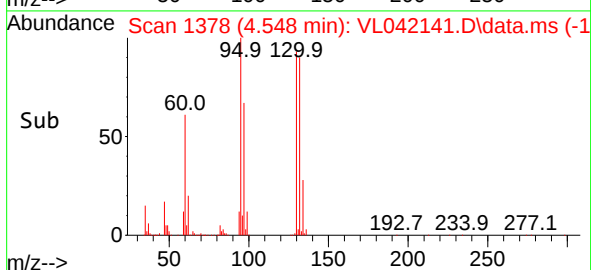
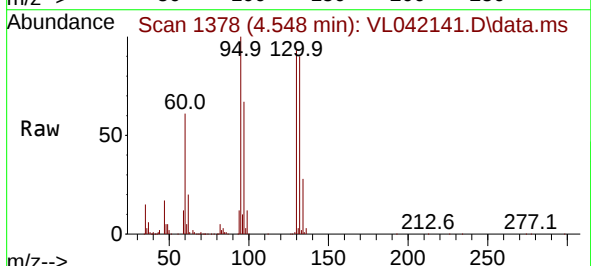
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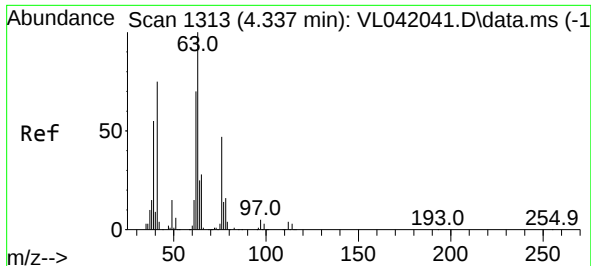
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#38
Trichloroethene
Concen: 8.466 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.022 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion:130 Resp: 152158
Ion Ratio Lower Upper
130 100
95 107.4 89.5 134.3
132 96.2 73.8 110.6
97 71.8 58.8 88.2





#39

1,2-Dichloropropane

Concen: 9.033 ppbv

RT: 4.315 min Scan# 1306

Delta R.T. -0.022 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 150900

Ion Ratio Lower Upper

63 100

41 71.5 60.1 90.1

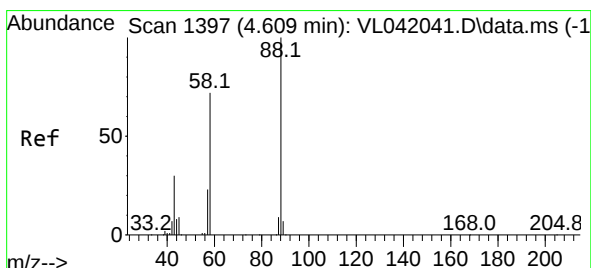
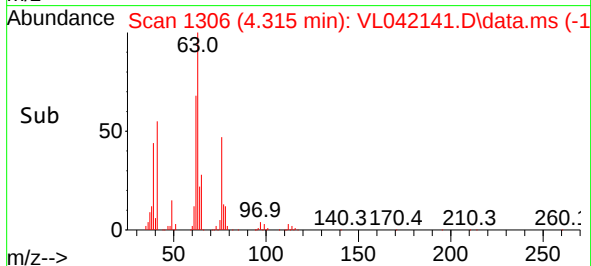
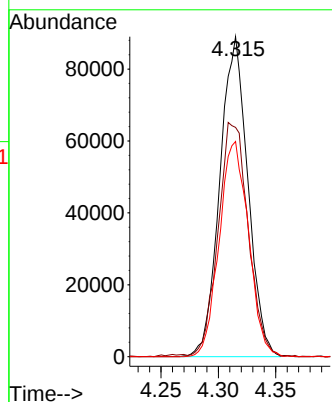
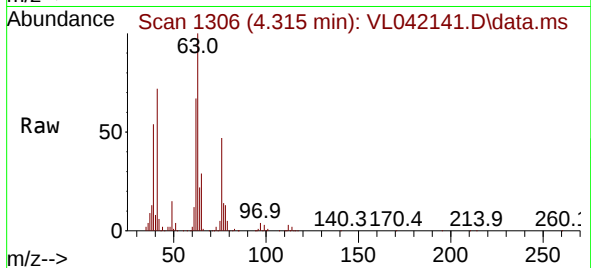
62 67.3 55.8 83.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2025

Supervised By :Mahesh Dadoda 03/17/2025



#40

1,4-Dioxane

Concen: 8.830 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.029 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Tgt Ion: 88 Resp: 67340

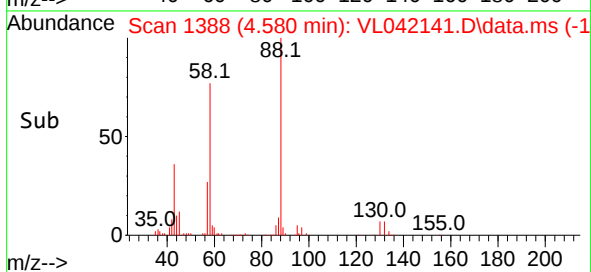
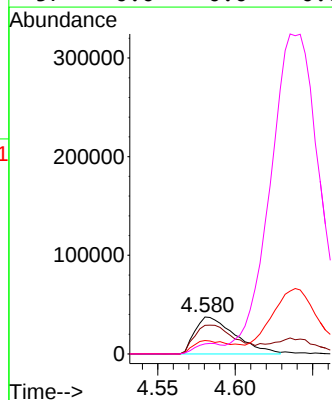
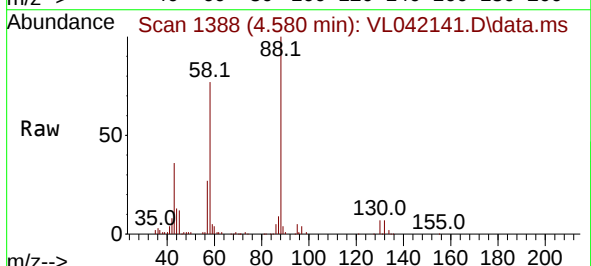
Ion Ratio Lower Upper

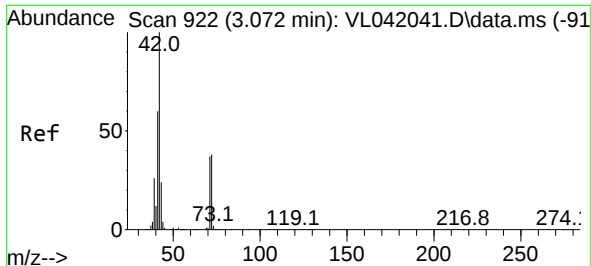
88 100

58 79.2 62.6 94.0

43 34.6 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.014 ppbv

RT: 3.056 min Scan# 917

Delta R.T. -0.016 min

Lab File: VL042141.D

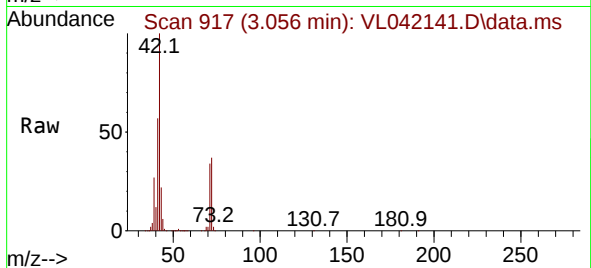
Acq: 14 Mar 2025 08:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

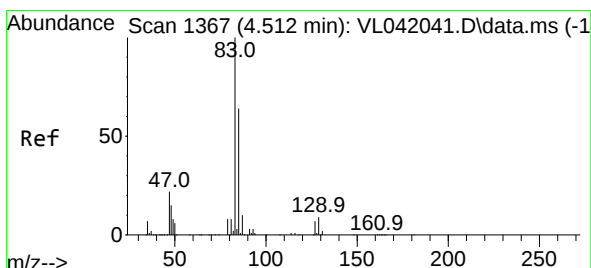
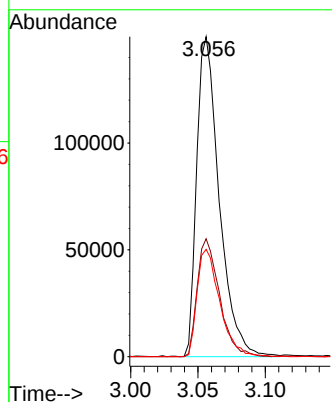
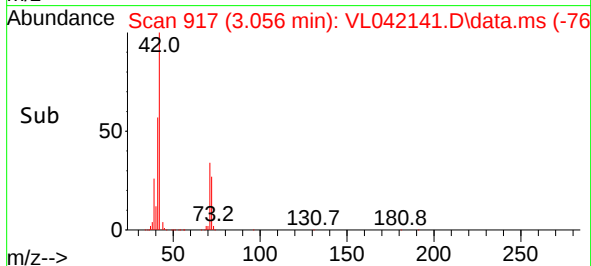


Tgt Ion:	42	Resp:	174452
Ion Ratio	Lower	Upper	
42	100		
72	36.5	30.2	45.2
71	33.8	28.2	42.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#42

Bromodichloromethane

Concen: 9.361 ppbv

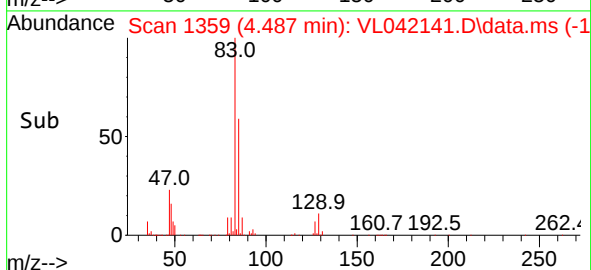
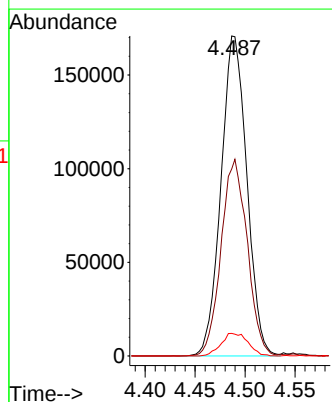
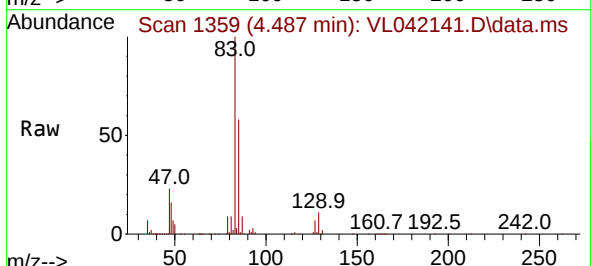
RT: 4.487 min Scan# 1359

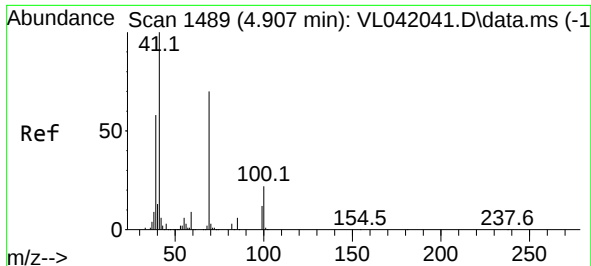
Delta R.T. -0.026 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Tgt Ion:	83	Resp:	307764
Ion Ratio	Lower	Upper	
83	100		
85	58.5	51.4	77.2
127	7.0	5.8	8.6





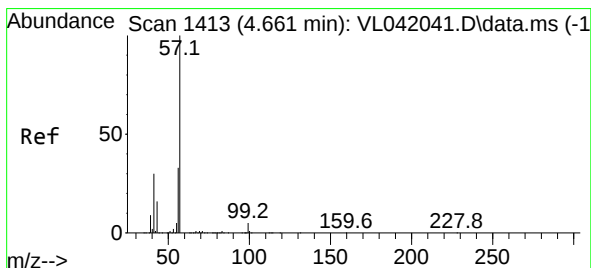
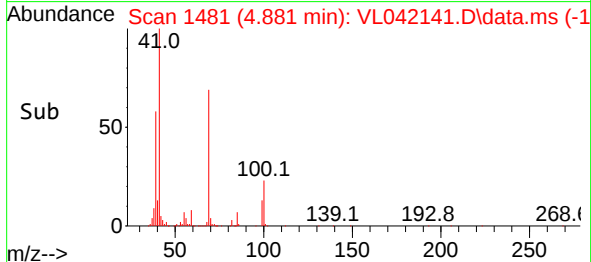
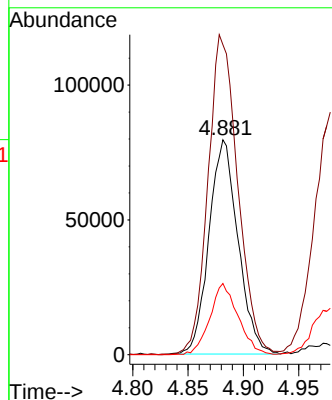
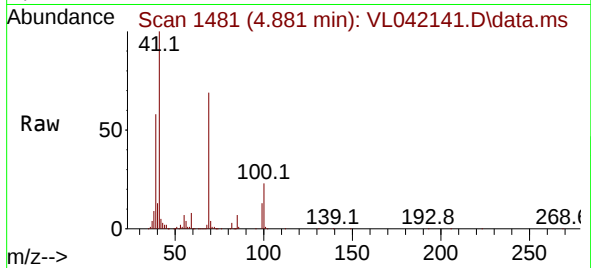
#43
Methyl Methacrylate
Concen: 8.451 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. -0.026 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 14526
Ion Ratio Lower Upper
69 100
41 153.5 118.2 177.4
100 32.3 27.0 40.4

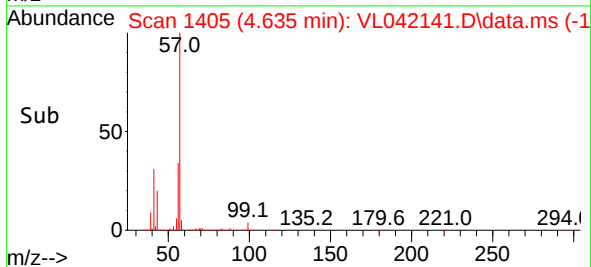
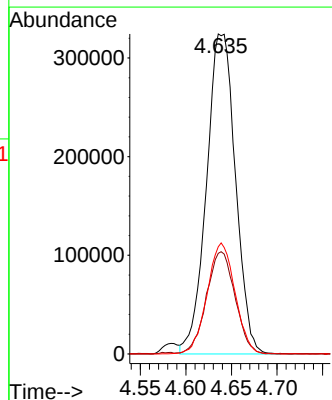
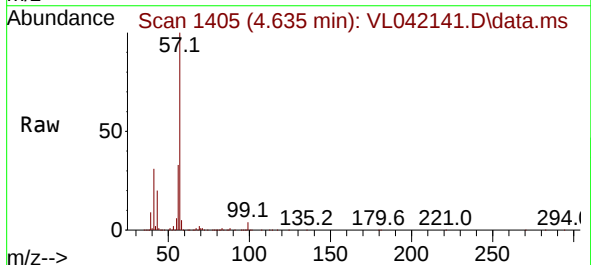
Manual Integrations
APPROVED

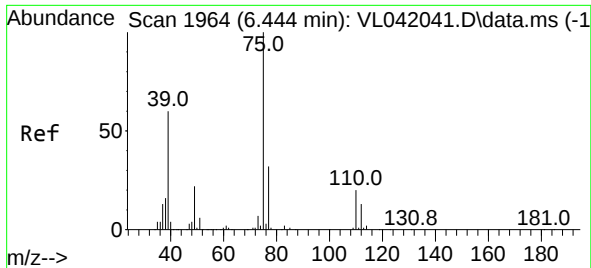
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#44
2,2,4-Trimethylpentane
Concen: 9.243 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.026 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

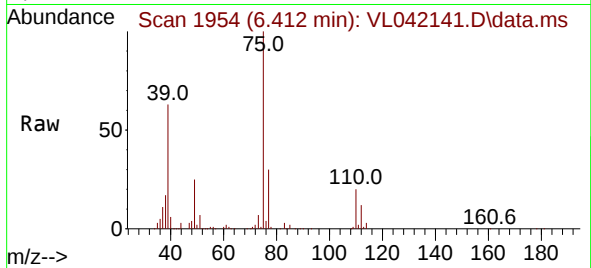
Tgt Ion: 57 Resp: 717940
Ion Ratio Lower Upper
57 100
41 32.1 24.4 36.6
56 33.4 26.5 39.7





#45
 t-1,3-Dichloropropene
 Concen: 7.914 ppbv
 RT: 6.412 min Scan# 1964
 Delta R.T. -0.032 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

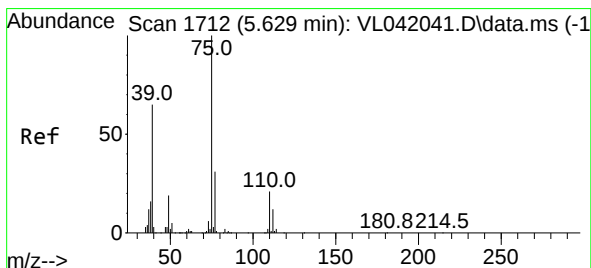
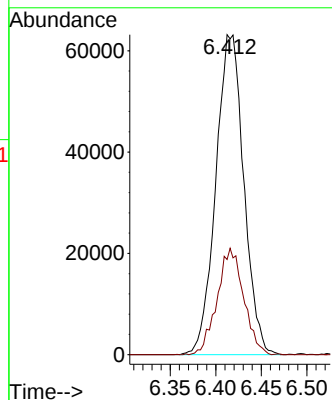
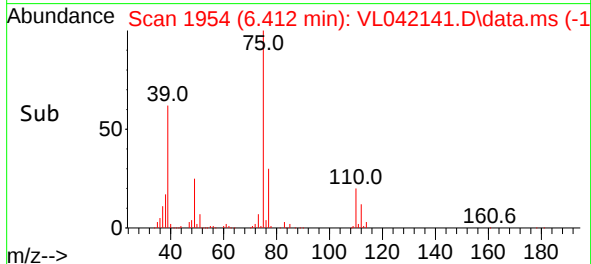
Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010



Tgt Ion: 75 Resp: 135149
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.9 38.9

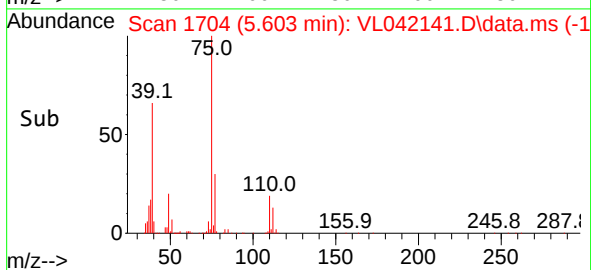
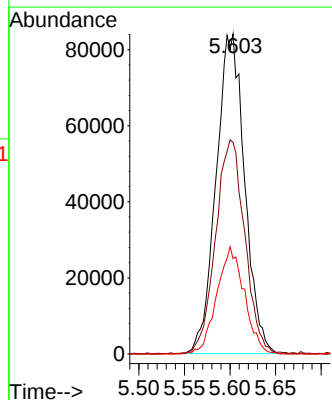
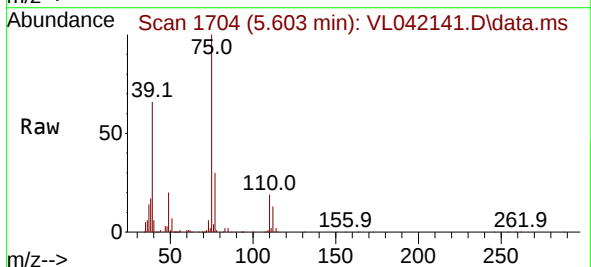
Manual Integrations
 APPROVED

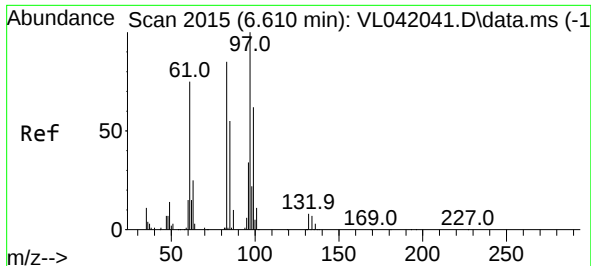
Reviewed By :Semsettin Yesilyurt 03/17/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#46
 cis-1,3-Dichloropropene
 Concen: 8.295 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. -0.026 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

Tgt Ion: 75 Resp: 183303
 Ion Ratio Lower Upper
 75 100
 39 66.0 51.9 77.9
 77 29.9 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 9.134 ppbv

RT: 6.581 min Scan# 2015

Delta R.T. -0.029 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 154904

Ion Ratio Lower Upper

97 100

83 87.6 68.1 102.1

85 56.4 44.0 66.0

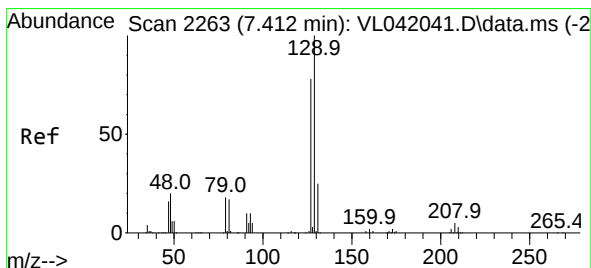
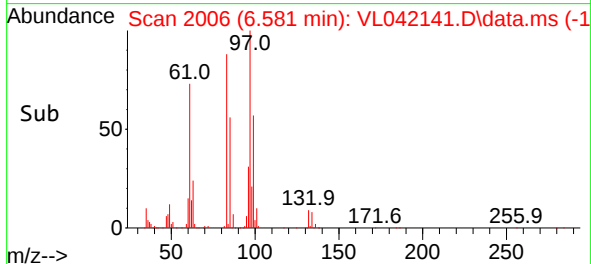
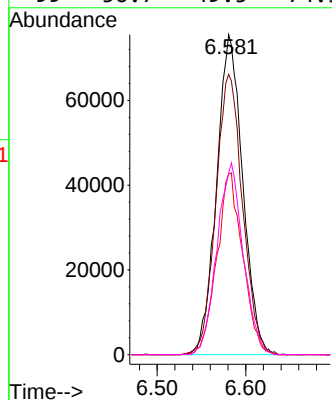
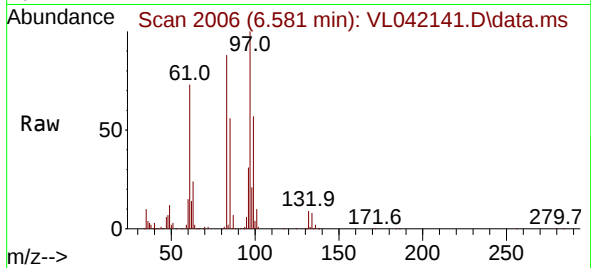
99 56.7 49.5 74.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2025

Supervised By :Mahesh Dadoda 03/17/2025



#48

Dibromochloromethane

Concen: 9.015 ppbv

RT: 7.387 min Scan# 2255

Delta R.T. -0.026 min

Lab File: VL042141.D

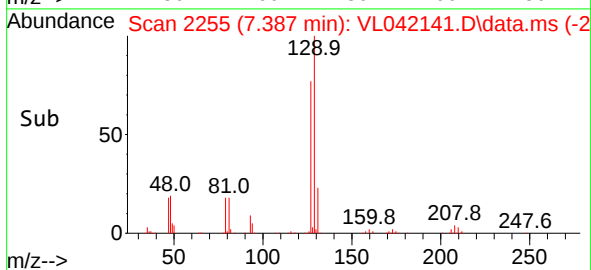
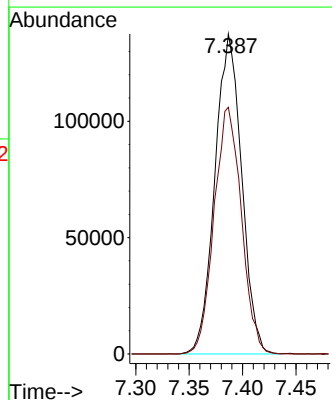
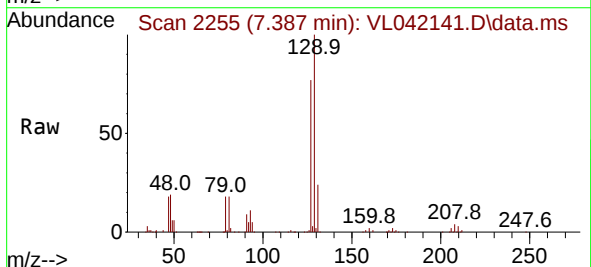
Acq: 14 Mar 2025 08:39

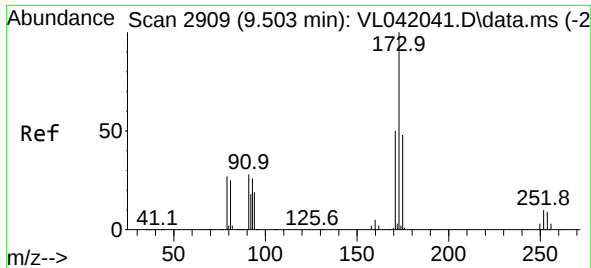
Tgt Ion:129 Resp: 239456

Ion Ratio Lower Upper

129 100

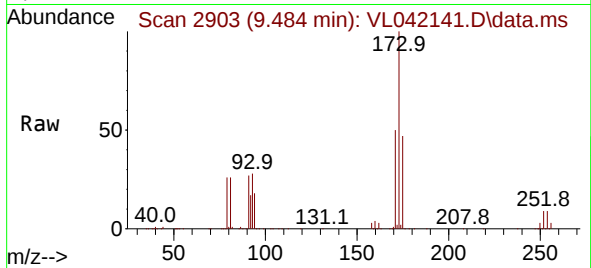
127 78.7 38.6 115.8





#49
Bromoform
Concen: 9.270 ppbv
RT: 9.484 min Scan# 2909
Delta R.T. -0.019 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

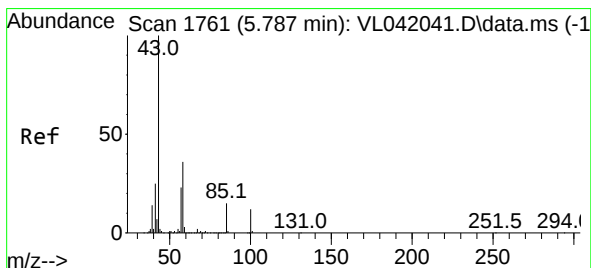
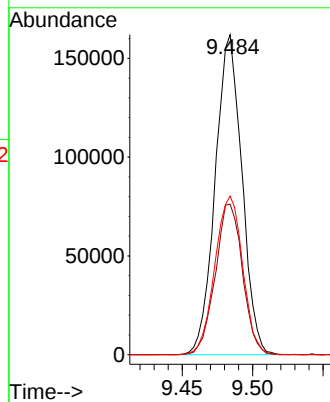
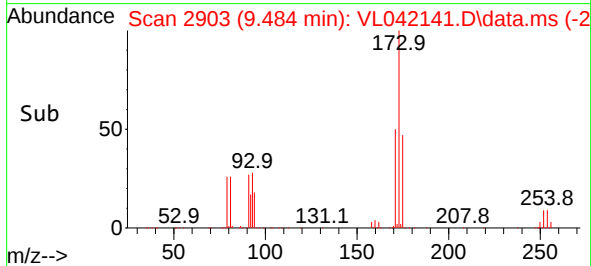
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



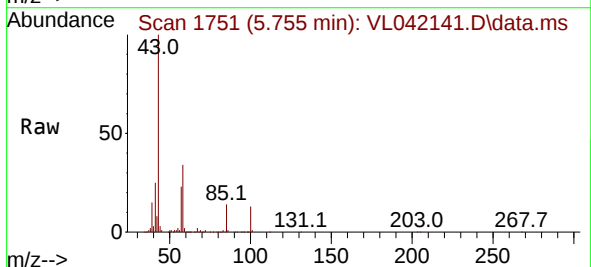
Tgt Ion: 173 Resp: 21382
Ion Ratio Lower Upper
173 100
175 48.1 38.3 57.5
171 51.7 40.2 60.2

Manual Integrations
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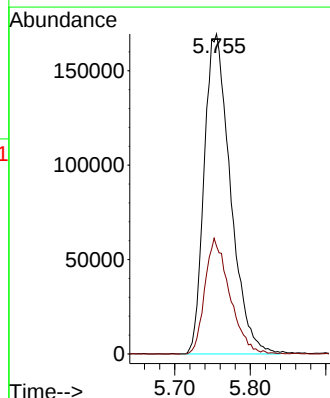
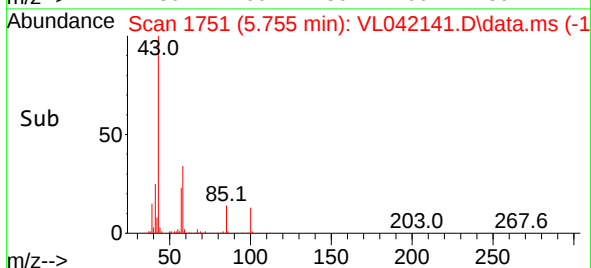
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025

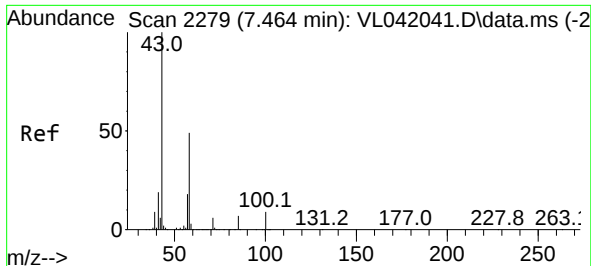


#50
4-Methyl-2-Pentanone
Concen: 9.644 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. -0.032 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39



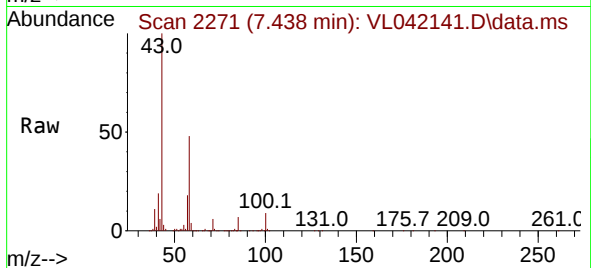
Tgt Ion: 43 Resp: 408504
Ion Ratio Lower Upper
43 100
58 34.3 29.3 43.9





#51
2-Hexanone
Concen: 10.872 ppbv
RT: 7.438 min Scan# 2114
Delta R.T. -0.026 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

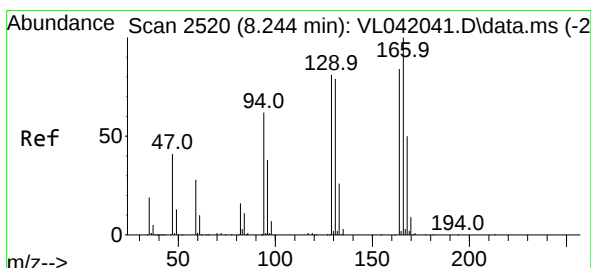
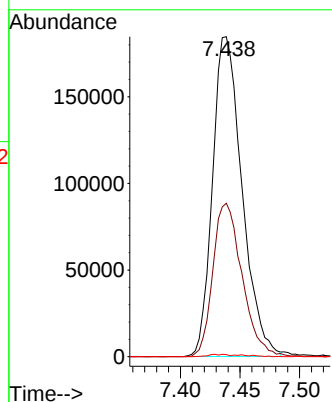
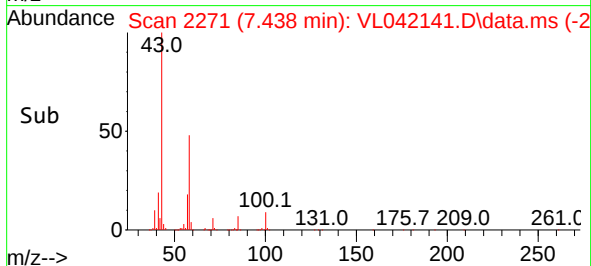
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 316988
Ion Ratio Lower Upper
43 100
58 47.6 39.0 58.6
98 0.9 0.1 0.1

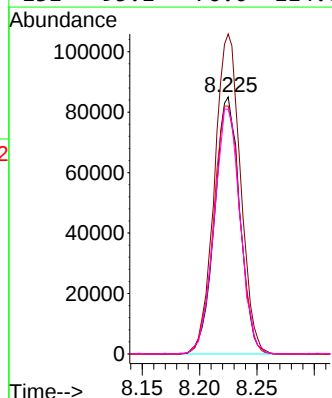
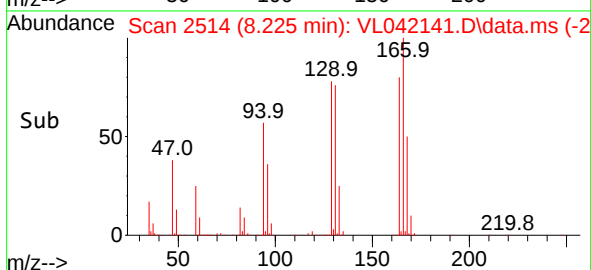
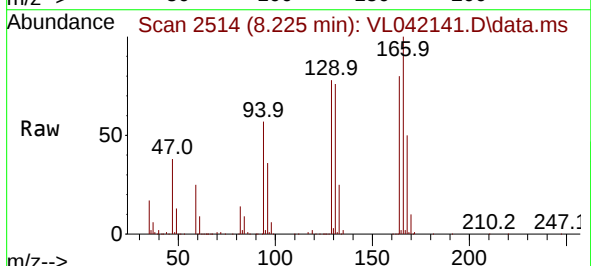
Manual Integrations
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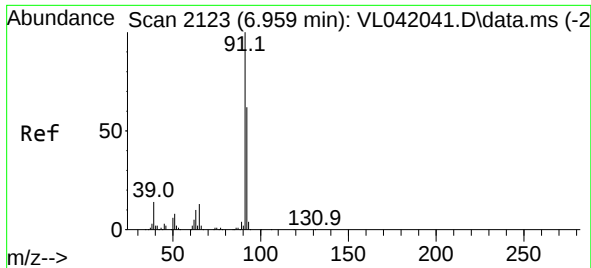
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#52
Tetrachloroethene
Concen: 8.625 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. -0.019 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion:164 Resp: 129959
Ion Ratio Lower Upper
164 100
166 124.5 95.7 143.5
129 96.5 77.1 115.7
131 95.1 76.0 114.0





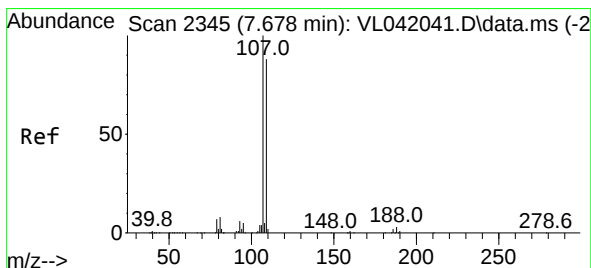
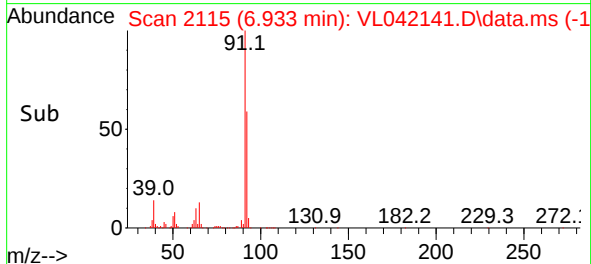
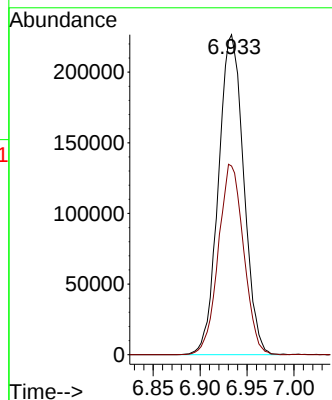
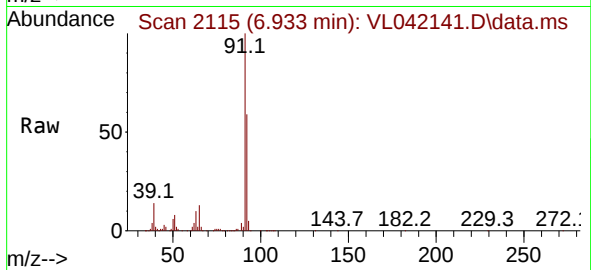
#53
Toluene
Concen: 8.614 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.026 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 42373
Ion Ratio Lower Upper
91 100
92 59.6 49.0 73.6

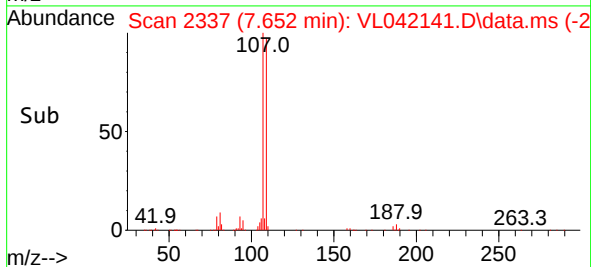
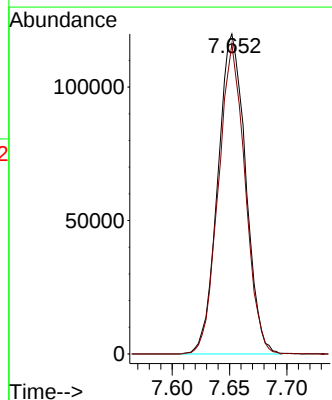
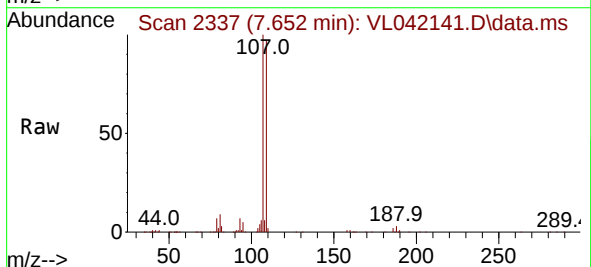
Manual Integrations
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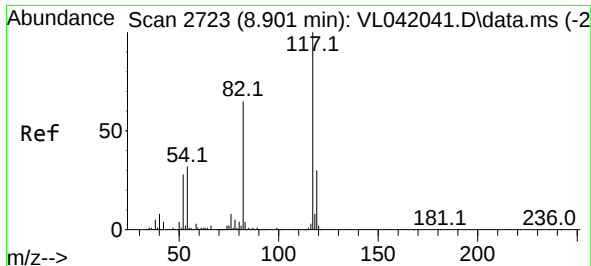
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#54
1,2-Dibromoethane
Concen: 8.805 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.026 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

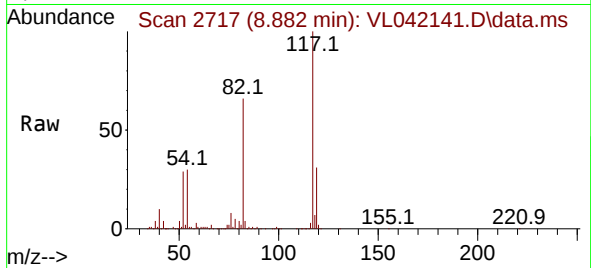
Tgt Ion:107 Resp: 201881
Ion Ratio Lower Upper
107 100
109 96.9 70.2 105.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

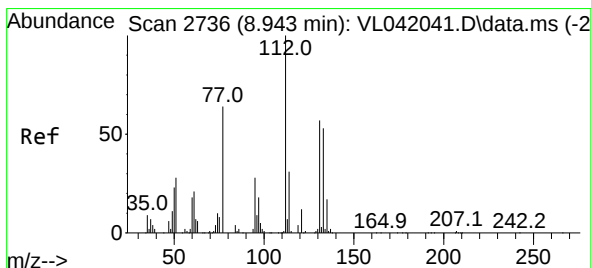
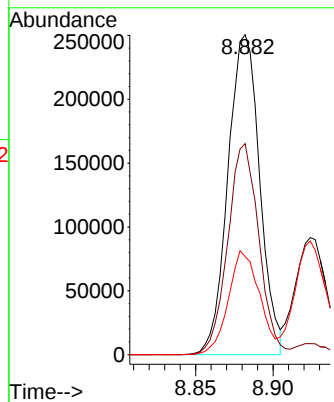
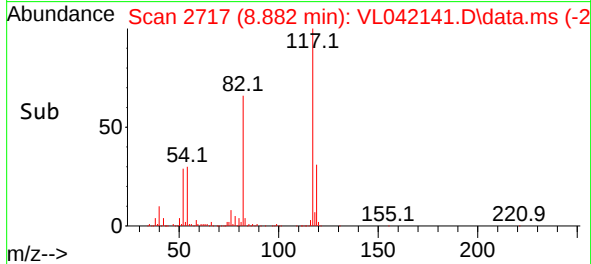
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 358414
Ion Ratio Lower Upper
117 100
82 67.7 55.0 82.6
119 32.5 25.9 38.9

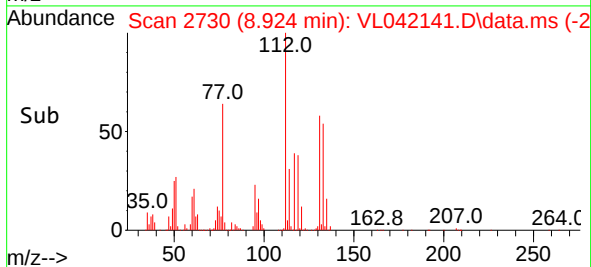
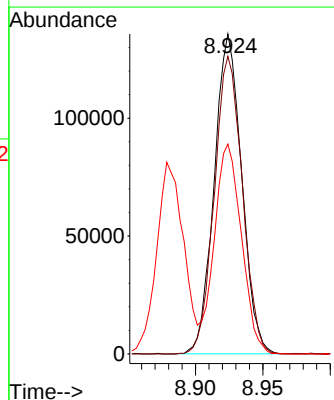
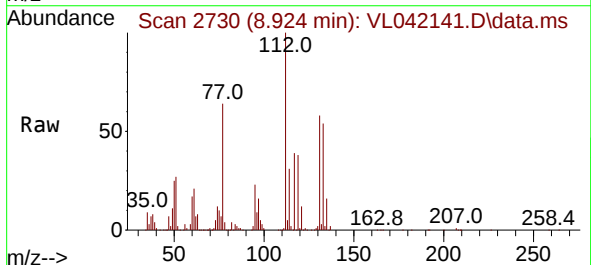
Manual Integrations
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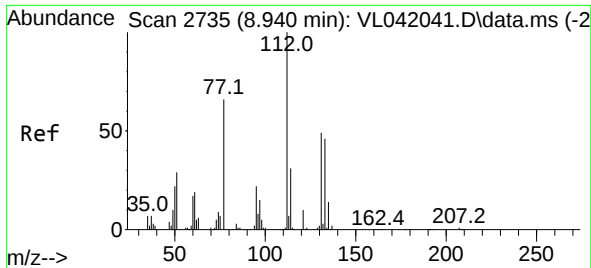
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.492 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. -0.019 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

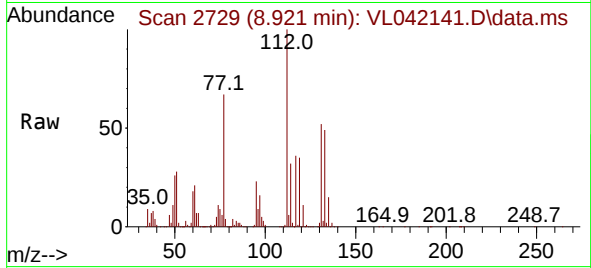
Tgt Ion:131 Resp: 192287
Ion Ratio Lower Upper
131 100
133 95.1 75.8 113.8
119 65.3 52.1 78.1





#57
Chlorobenzene
Concen: 9.280 ppbv
RT: 8.921 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

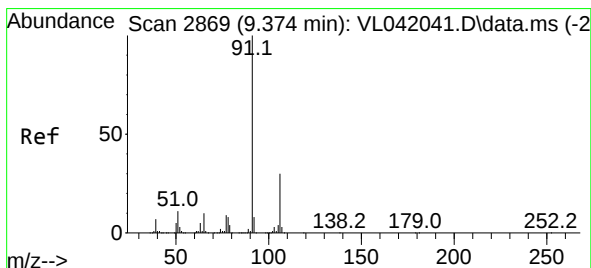
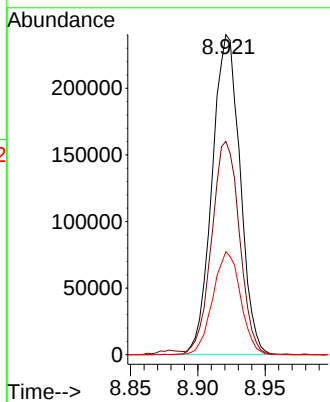
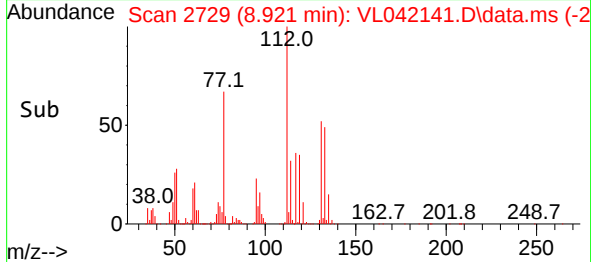
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 344848
Ion Ratio Lower Upper
112 100
77 66.6 53.4 80.2
114 32.2 28.3 34.5

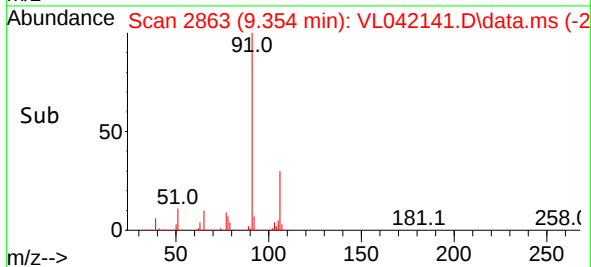
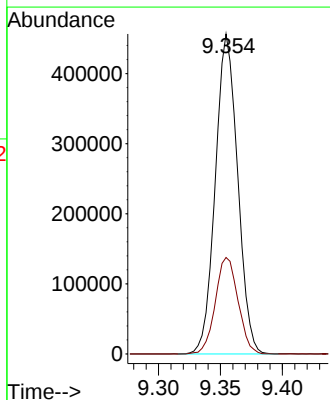
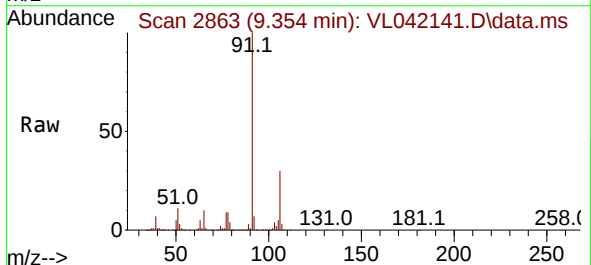
Manual Integrations
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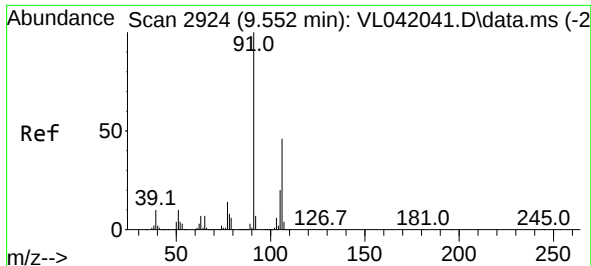
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#58
Ethyl Benzene
Concen: 8.675 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.019 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion: 91 Resp: 572580
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2





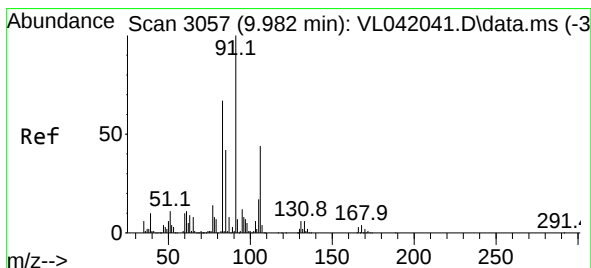
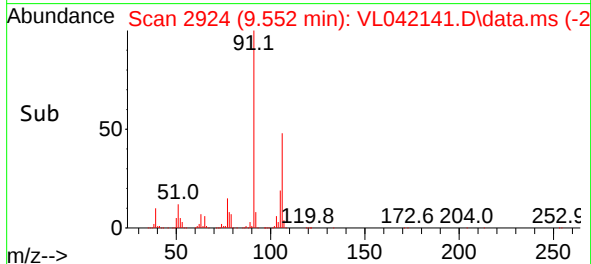
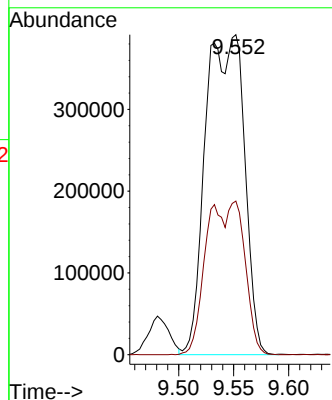
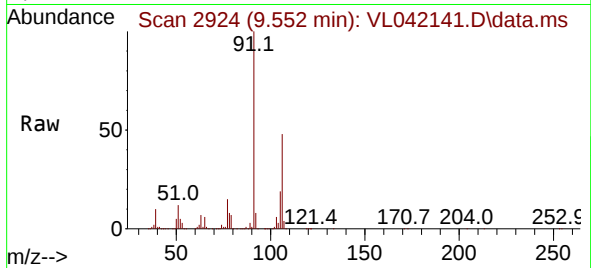
#59
m/p-Xylene
Concen: 18.294 ppbv m
RT: 9.552 min Scan# 2924
Delta R.T. 0.000 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 96096
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

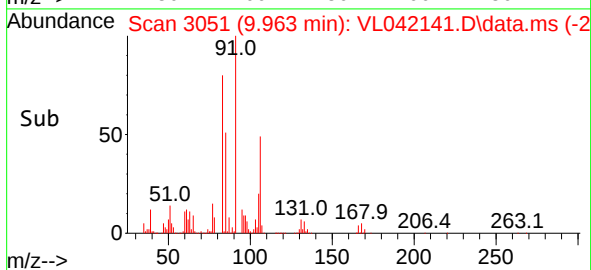
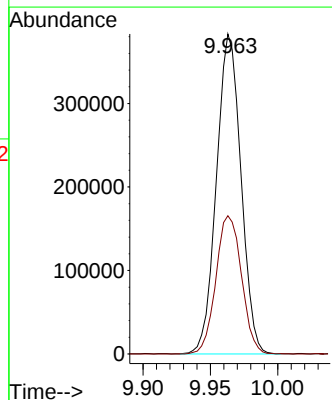
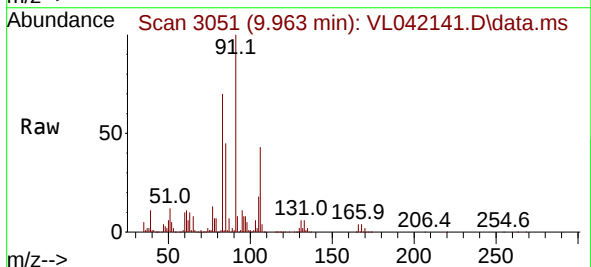
Manual Integrations
APPROVED

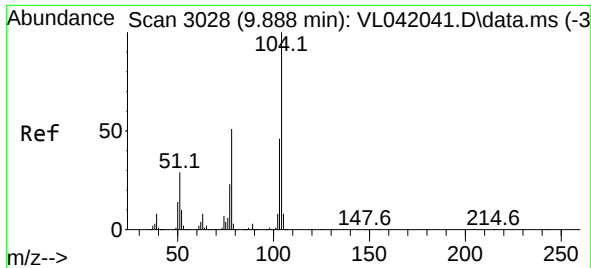
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#60
o-Xylene
Concen: 9.185 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.019 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion: 91 Resp: 485048
Ion Ratio Lower Upper
91 100
106 45.1 22.3 66.8





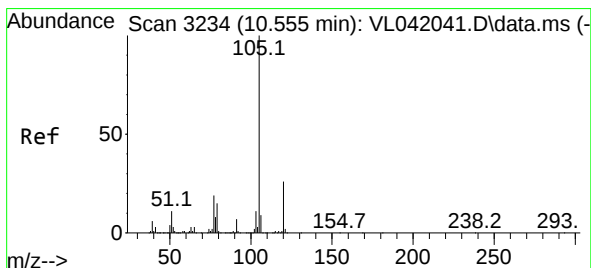
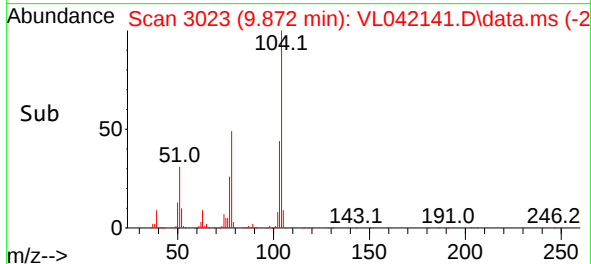
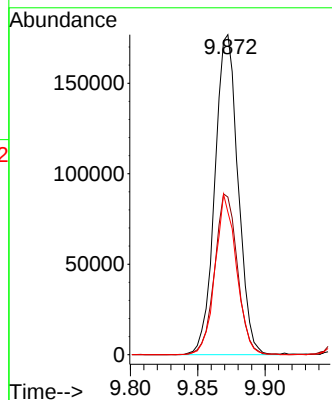
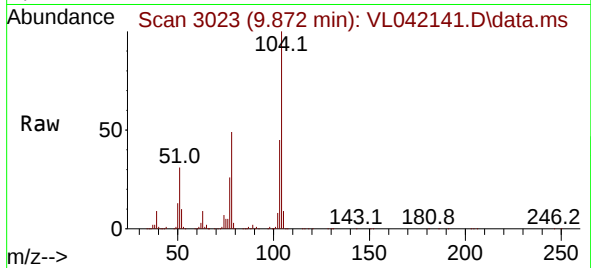
#61
Styrene
Concen: 8.535 ppbv
RT: 9.872 min Scan# 3028
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 21188
Ion Ratio Lower Upper
104 100
78 49.4 41.0 61.4
103 46.3 37.0 55.6

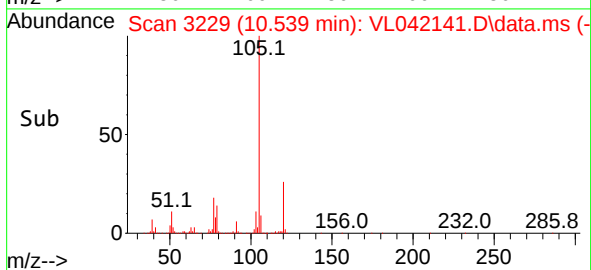
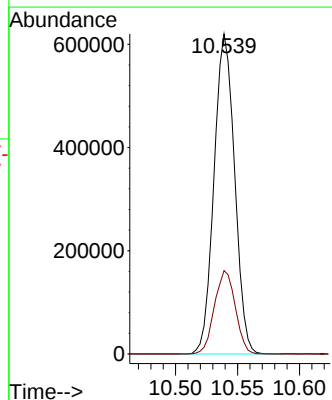
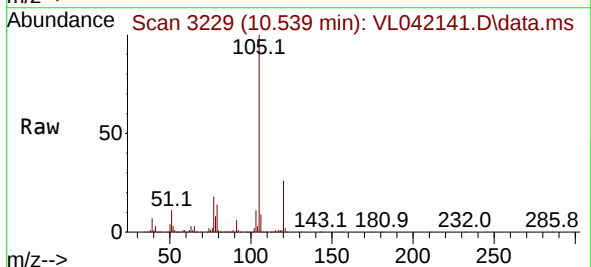
Manual Integrations
APPROVED

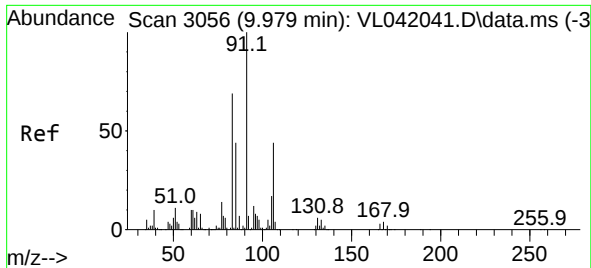
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#62
Isopropylbenzene
Concen: 9.085 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion:105 Resp: 718498
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1





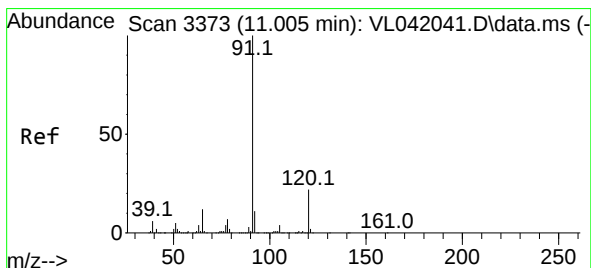
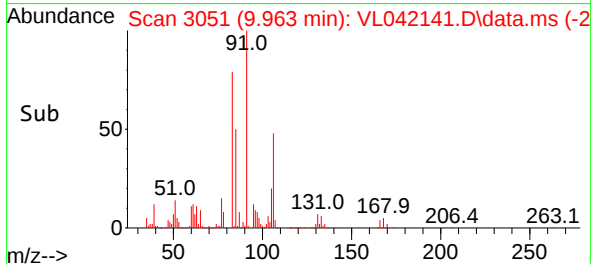
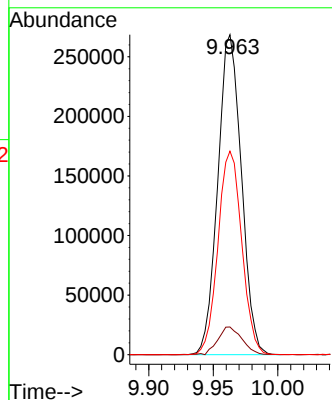
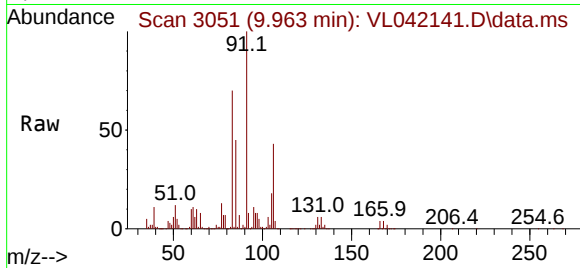
#63
1,1,2,2-Tetrachloroethane
Concen: 9.820 ppbv
RT: 9.963 min Scan# 3056
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 83 Resp: 34148
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 63.9 32.1 96.3

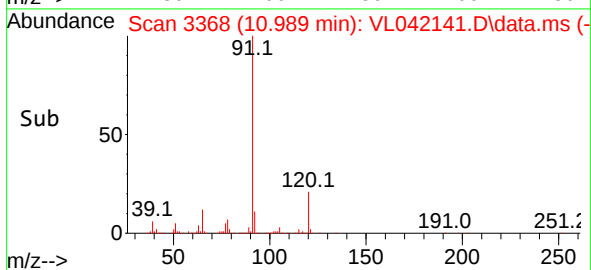
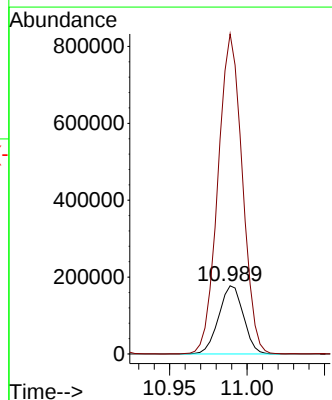
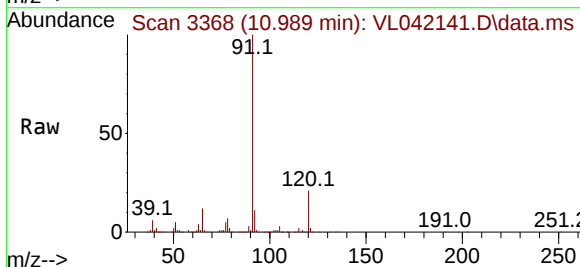
Manual Integrations
APPROVED

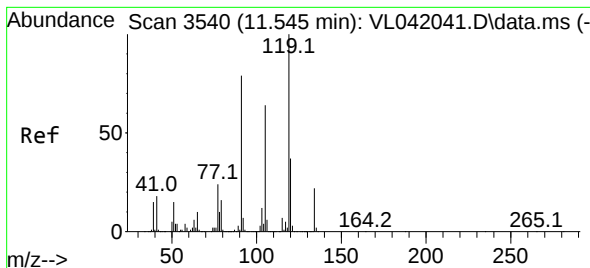
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#64
n-propylbenzene
Concen: 9.462 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion:120 Resp: 196285
Ion Ratio Lower Upper
120 100
91 463.9 370.6 556.0





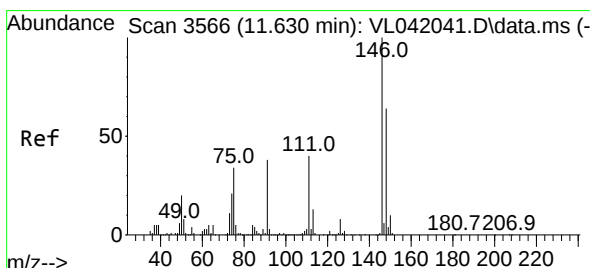
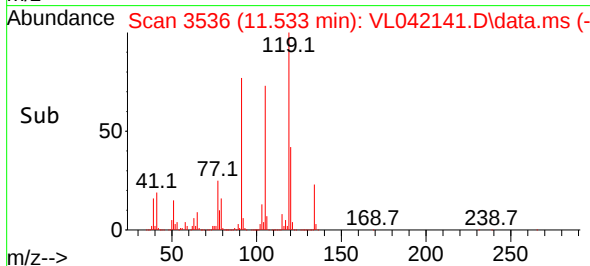
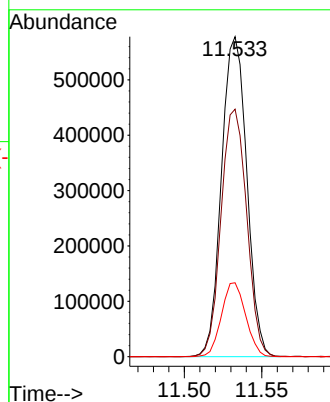
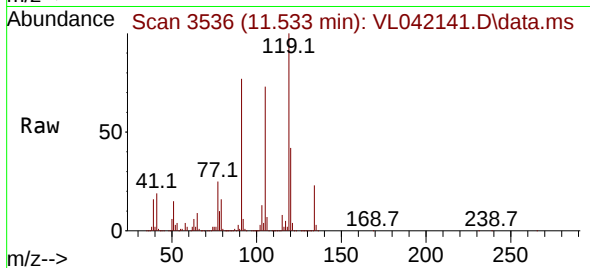
#65
tert-Butylbenzene
Concen: 9.113 ppbv
RT: 11.533 min Scan# 3536
Delta R.T. -0.013 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:119 Resp: 655880
Ion Ratio Lower Upper
119 100
91 78.5 64.2 96.2
134 22.1 17.4 26.2

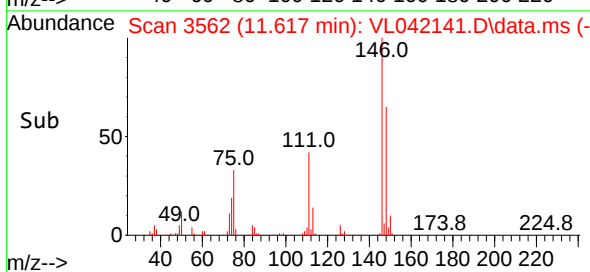
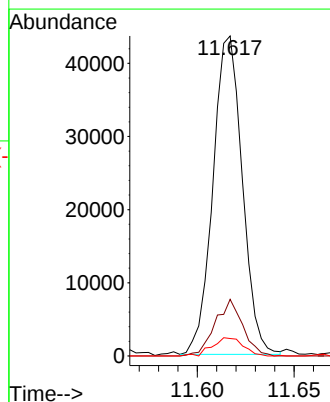
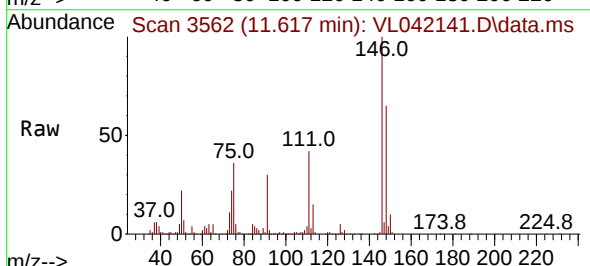
Manual Integrations
APPROVED

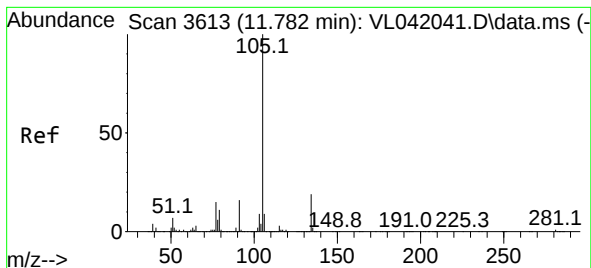
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#66
Benzyl Chloride
Concen: 8.342 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.013 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

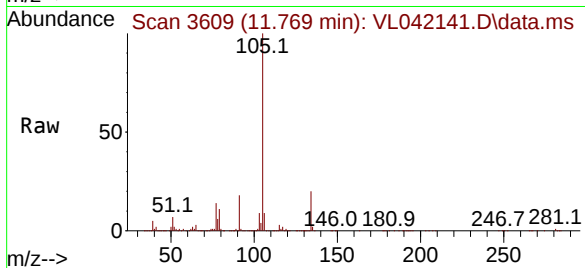
Tgt Ion: 91 Resp: 45818
Ion Ratio Lower Upper
91 100
126 16.7 14.5 21.7
128 6.1 5.4 8.2





#67
 sec-Butylbenzene
 Concen: 8.979 ppbv
 RT: 11.769 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

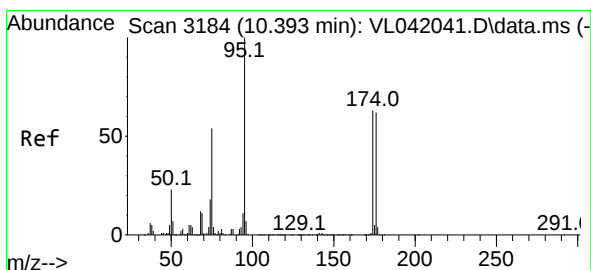
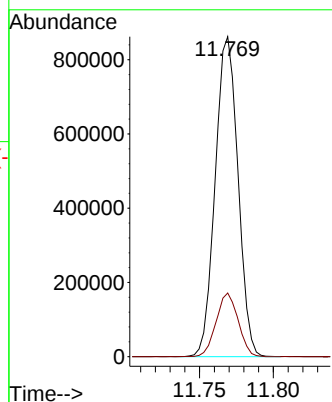
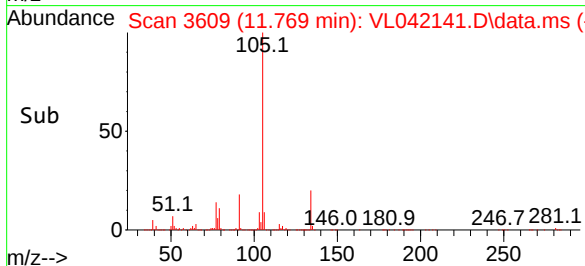
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



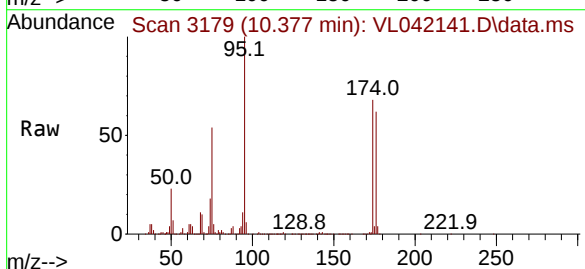
Tgt Ion:105 Resp: 924260
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.9 22.3

Manual Integrations
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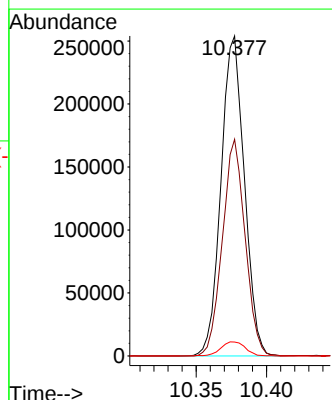
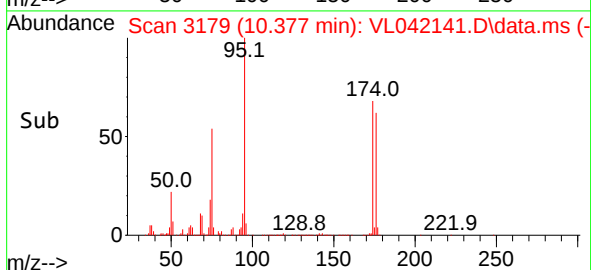
Reviewed By :Semsettin Yesilyurt 03/17/2025
 Supervised By :Mahesh Dadoda 03/17/2025

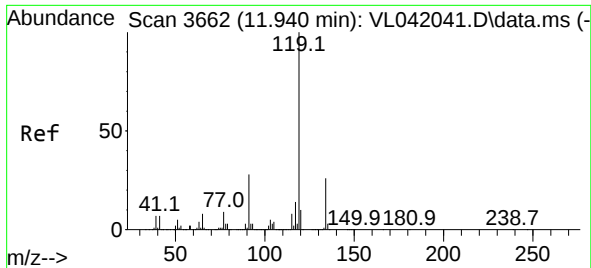


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.638 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.016 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39



Tgt Ion: 95 Resp: 293332
 Ion Ratio Lower Upper
 95 100
 174 66.0 51.8 77.6
 175 4.6 3.9 5.9





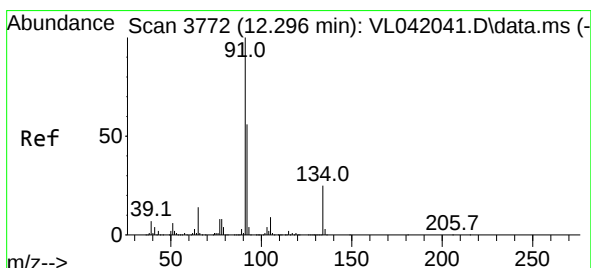
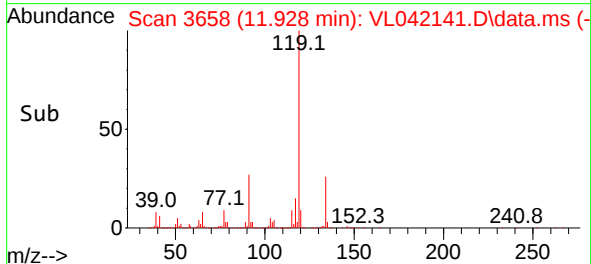
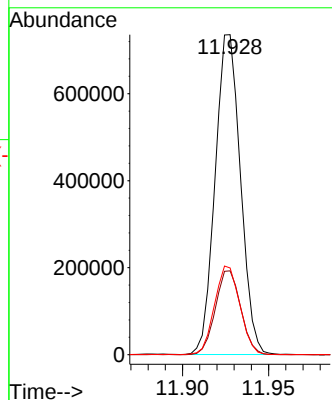
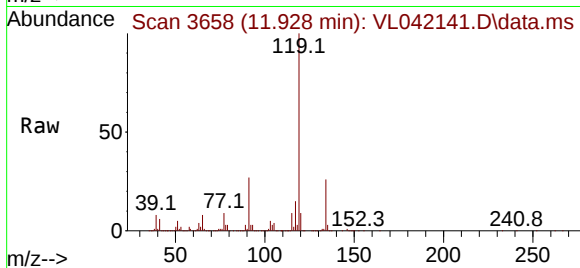
#69
p-Isopropyltoluene
Concen: 9.197 ppbv
RT: 11.928 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 75315
Ion Ratio Lower Upper
119 100
134 26.3 20.9 31.3
91 27.8 23.1 34.7

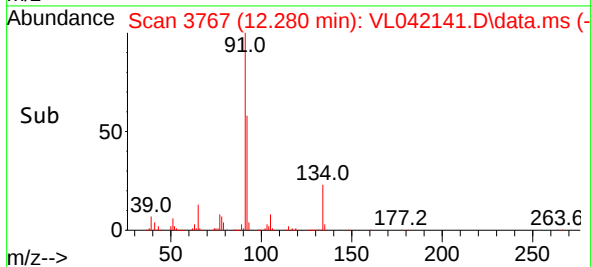
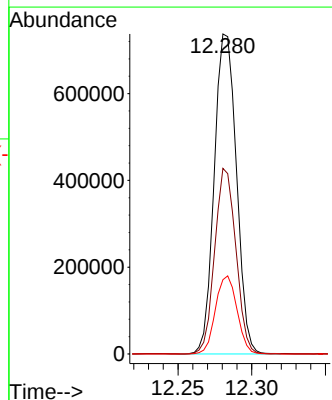
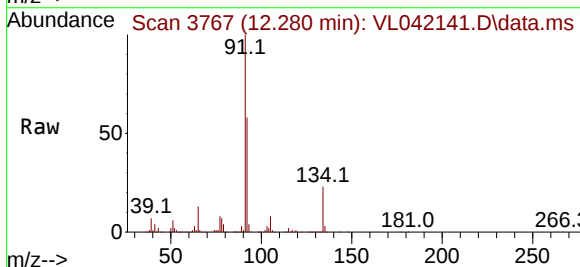
Manual Integrations
APPROVED

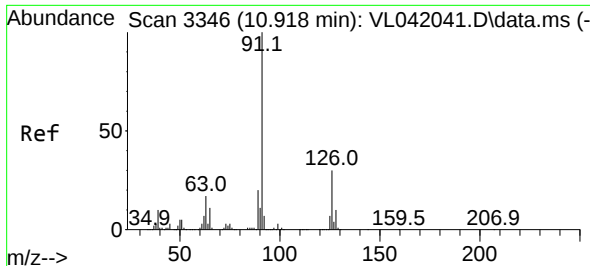
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#70
n-Butylbenzene
Concen: 9.232 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion: 91 Resp: 771737
Ion Ratio Lower Upper
91 100
92 55.5 44.7 67.1
134 23.7 18.9 28.3





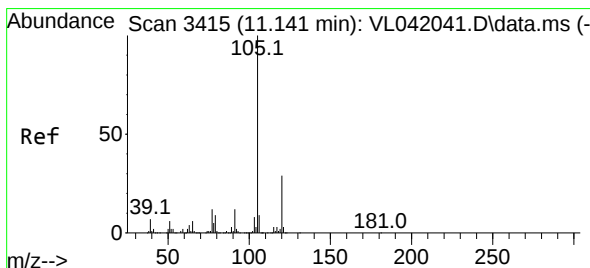
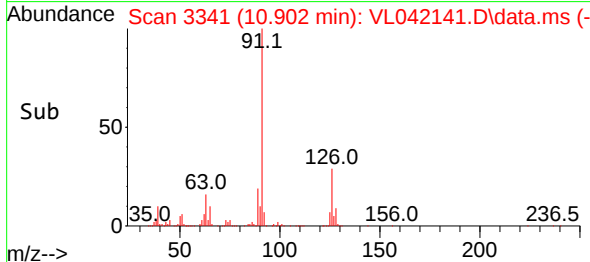
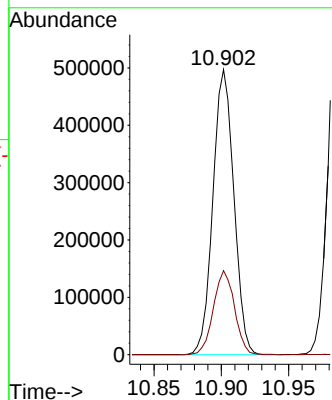
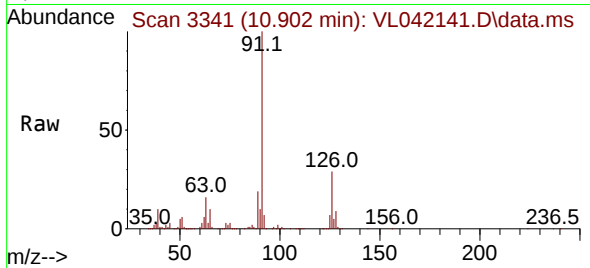
#71
2-Chlorotoluene
Concen: 8.822 ppbv
RT: 10.902 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 53786
Ion Ratio Lower Upper
91 100
126 29.6 11.9 47.5

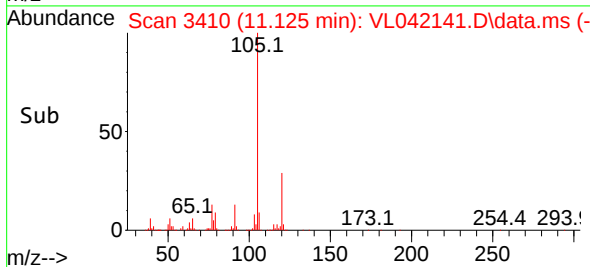
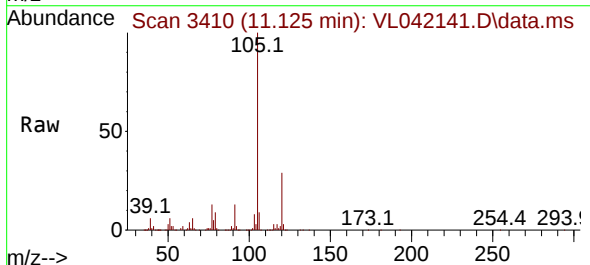
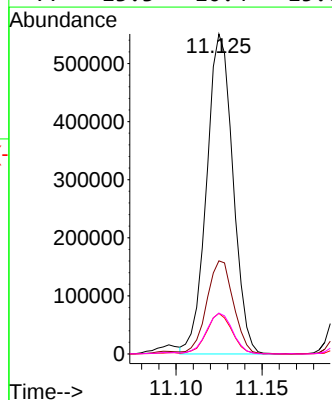
Manual Integrations
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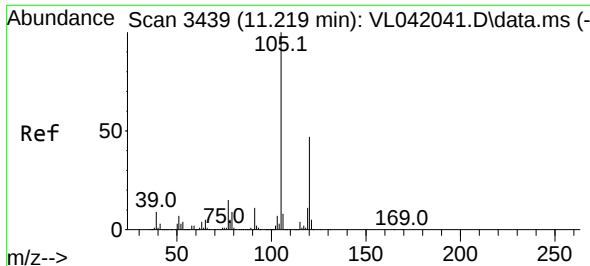
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#72
4-Ethyltoluene
Concen: 9.074 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Tgt Ion:105 Resp: 585082
Ion Ratio Lower Upper
105 100
120 30.4 24.1 36.1
91 12.7 10.2 15.4
77 13.3 10.4 15.6





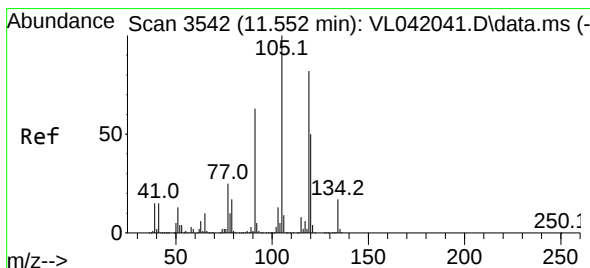
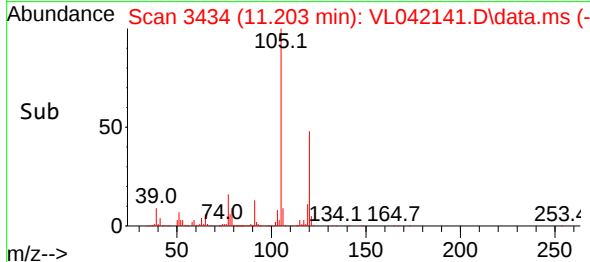
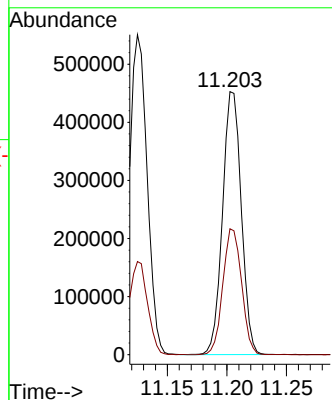
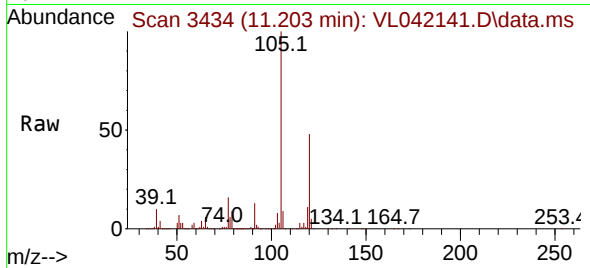
#73
1,3,5-Trimethylbenzene
Concen: 8.836 ppbv
RT: 11.203 min Scan# 3439
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 49415
Ion Ratio Lower Upper
105 100
120 47.9 37.4 56.0

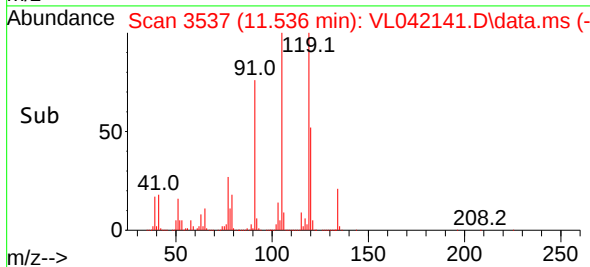
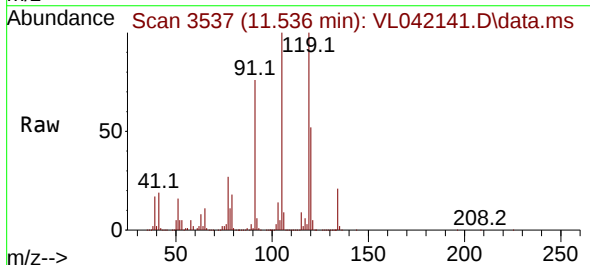
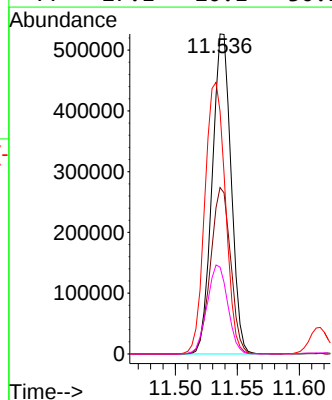
Manual Integrations
APPROVED

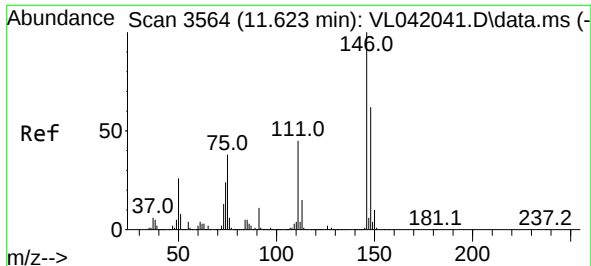
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#74
1,2,4-Trimethylbenzene
Concen: 8.905 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

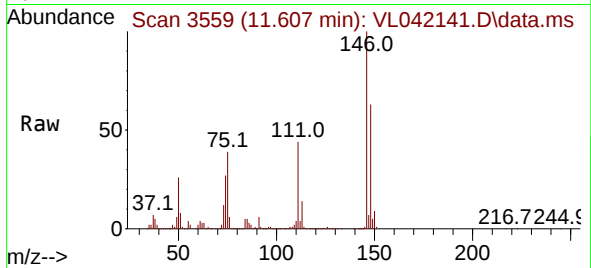
Tgt Ion:105 Resp: 560827
Ion Ratio Lower Upper
105 100
120 52.0 40.2 60.2
91 75.8 51.4 77.2
77 27.1 20.1 30.1





#75
1,3-Dichlorobenzene
Concen: 9.287 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.016 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

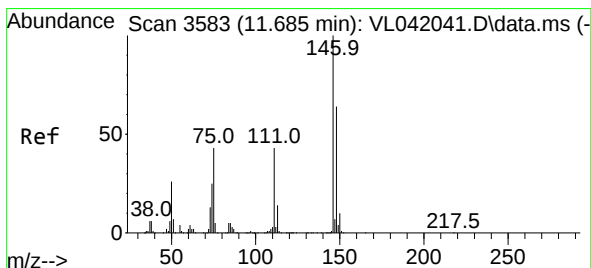
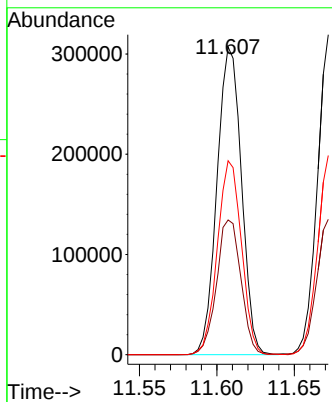
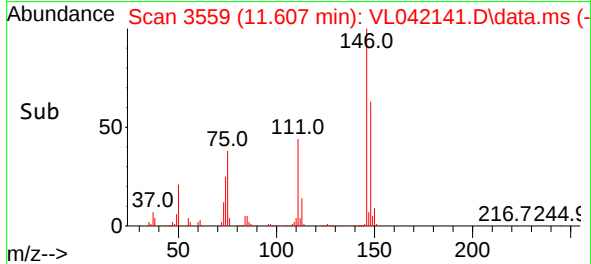
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



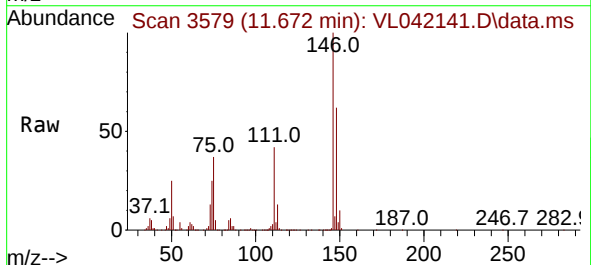
Tgt Ion:146 Resp: 33660
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.2
148 62.1 32.3 96.8

Manual Integrations
APPROVED

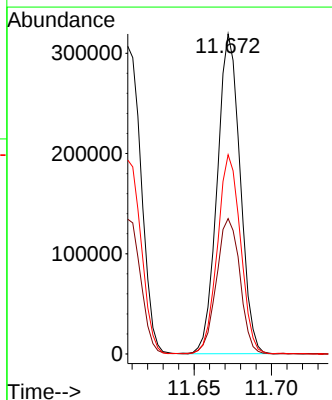
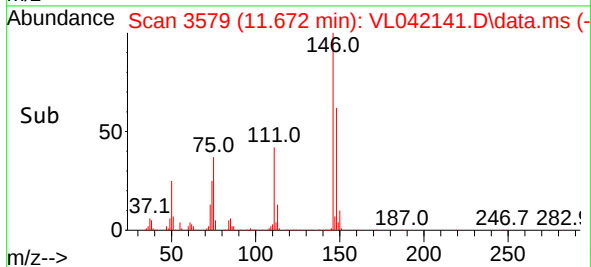
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025

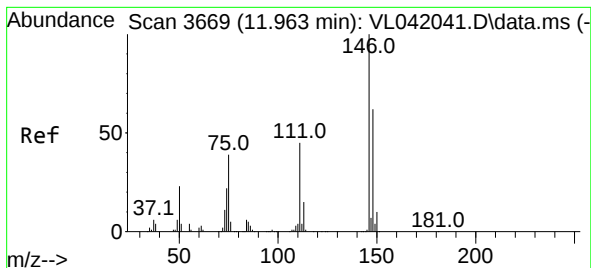


#76
1,4-Dichlorobenzene
Concen: 9.113 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. -0.013 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39



Tgt Ion:146 Resp: 327927
Ion Ratio Lower Upper
146 100
111 43.5 21.5 64.5
148 63.0 31.6 95.0





#77

1,2-Dichlorobenzene

Concen: 9.389 ppbv

RT: 11.947 min Scan# 30

Delta R.T. -0.016 min

Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

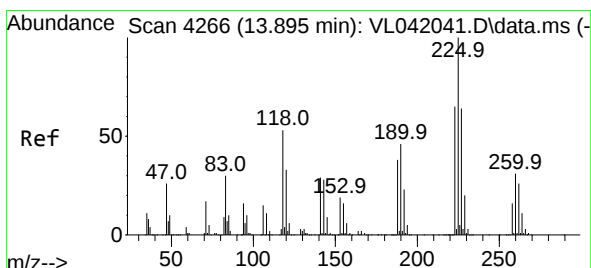
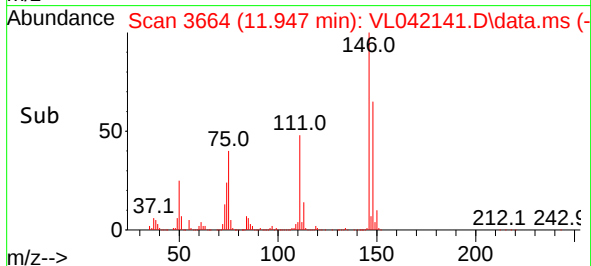
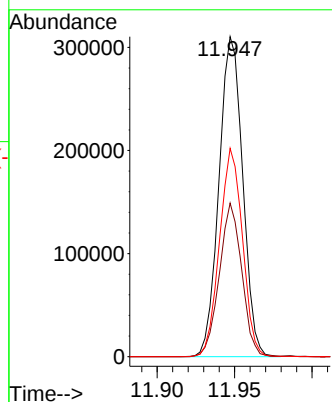
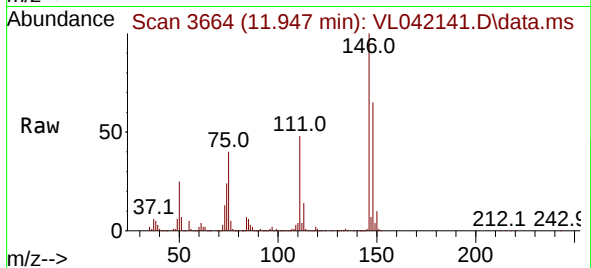
Tgt Ion:146 Resp: 330229

Ion	Ratio	Lower	Upper
146	100		
111	45.4	23.2	69.6
148	63.1	31.4	94.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.408 ppbv

RT: 13.883 min Scan# 4262

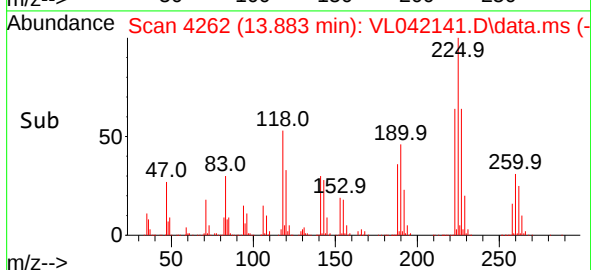
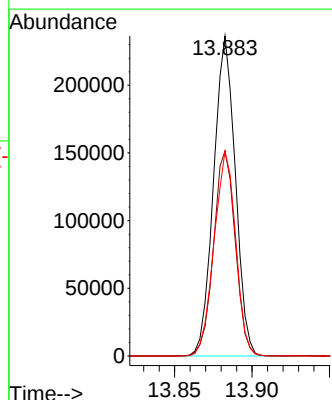
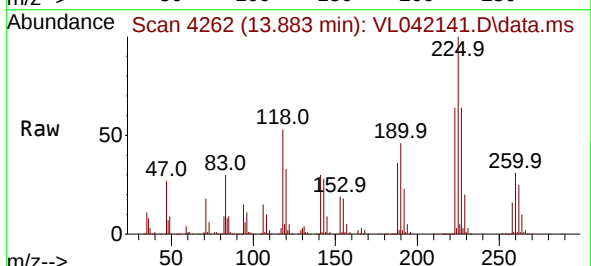
Delta R.T. -0.013 min

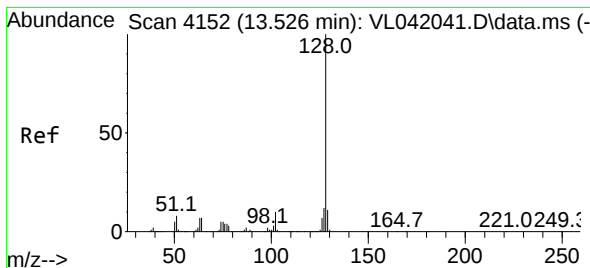
Lab File: VL042141.D

Acq: 14 Mar 2025 08:39

Tgt Ion:225 Resp: 230108

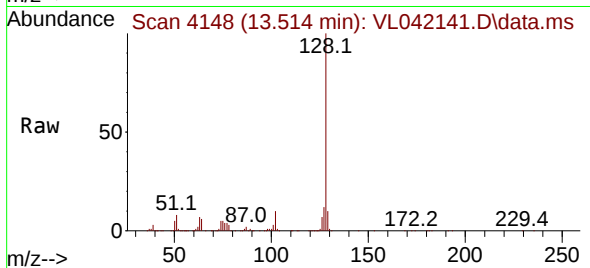
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.2
227	63.8	50.8	76.2





#79
Naphthalene
Concen: 11.160 ppbv
RT: 13.514 min Scan# 4152
Delta R.T. -0.013 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39

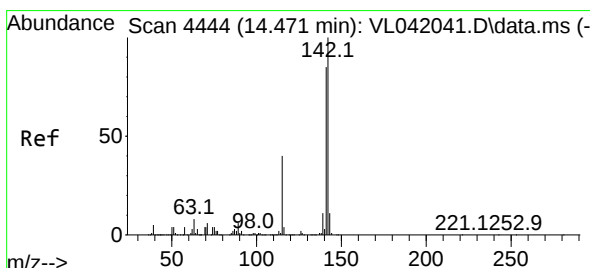
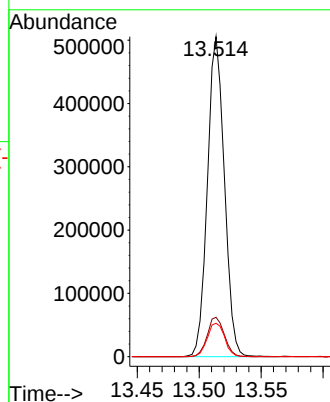
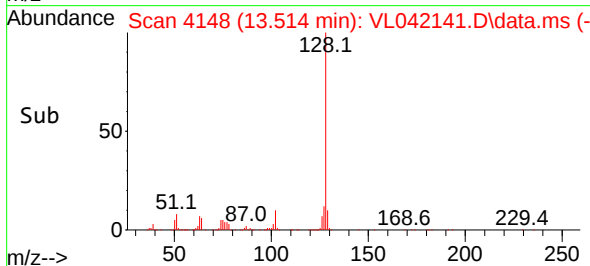
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



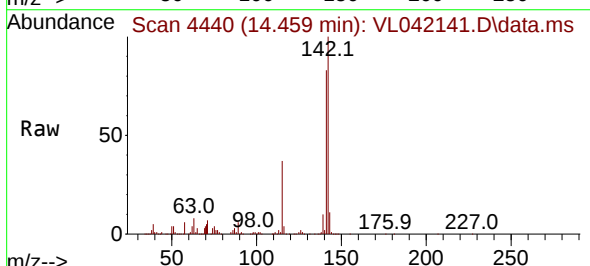
Tgt Ion:128 Resp: 481895
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.6
129 10.5 8.6 12.8

Manual Integrations
APPROVED

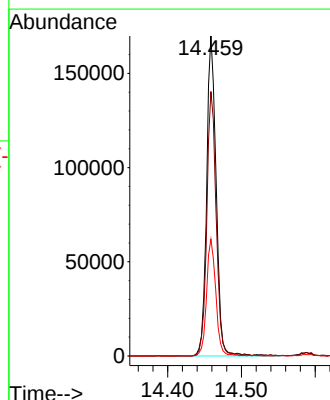
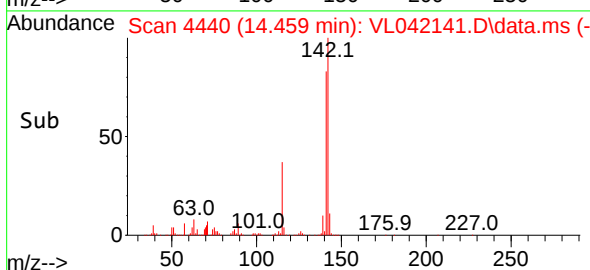
Reviewed By :Semsettin Yesilyurt 03/17/2025
Supervised By :Mahesh Dadoda 03/17/2025

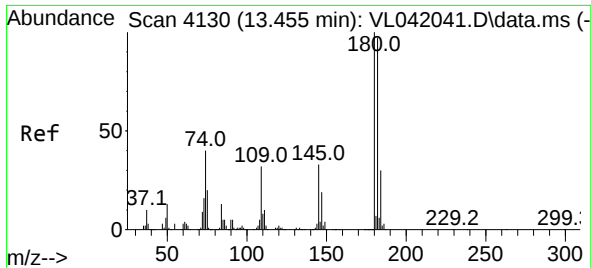


#80
Naphthalene,2-methyl-
Concen: 12.797 ppbv
RT: 14.459 min Scan# 4440
Delta R.T. -0.013 min
Lab File: VL042141.D
Acq: 14 Mar 2025 08:39



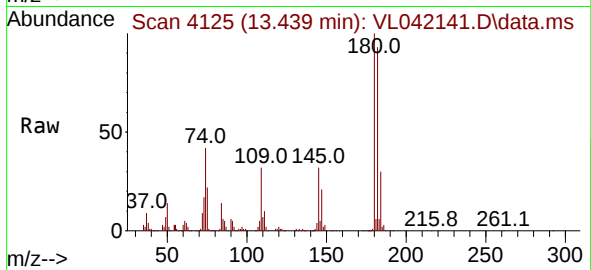
Tgt Ion:142 Resp: 151227
Ion Ratio Lower Upper
142 100
141 82.2 65.8 98.6
115 35.8 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.111 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL042141.D
 Acq: 14 Mar 2025 08:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 219258
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.1 112.7
 184 30.2 23.8 35.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2025
 Supervised By :Mahesh Dadoda 03/17/2025

