

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042503.D
 Acq On : 06 May 2025 18:39
 Operator : SY/MD
 Sample : MDL3 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 07 01:45:46 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	68668	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	180254	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.895	117	149930	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 142737 10.268 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	6034	0.531	ppbv	92
3) Chlorodifluoromethane	1.480	51	6441	0.536	ppbv	99
4) Chloromethane	1.538	50	2310	0.486	ppbv	90
5) Vinyl Chloride	1.583	62	2316	0.484	ppbv	96
6) Bromomethane	1.674	94	1285	0.569	ppbv #	76
7) Chloroethane	1.710	64	920	0.521	ppbv	97
8) Dichlorotetrafluoroethane	1.557	85	5514	0.589	ppbv	97
9) Propene	1.486	41	1424	0.362	ppbv	88
10) Heptane	5.011	43	3000m	0.294	ppbv	
11) Trichlorofluoromethane	1.881	101	5367	0.512	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.146	101	4225	0.505	ppbv #	83
13) Ethanol	1.729	45	487m	0.611	ppbv	
14) Bromoethene	1.787	108	1858	0.601	ppbv #	81
15) Acetone	1.842	43	8492	0.677	ppbv	92
16) 1,3-Butadiene	1.612	39	2995	0.542	ppbv	87
17) tert-Butyl alcohol	2.053	59	5104	0.462	ppbv #	87
18) 1,1-Dichloroethene	2.036	96	2111m	0.540	ppbv	
19) Isopropyl Alcohol	1.897	45	3619	0.522	ppbv #	85
20) Methylene Chloride	2.069	84	2045	0.543	ppbv #	66
21) Allyl Chloride	2.104	41	3615	0.448	ppbv #	59
22) trans-1,2-Dichloroethene	2.350	96	2315	0.507	ppbv	94
23) Vinyl Acetate	2.470	43	4942m	0.413	ppbv	
24) 1,1-Dichloroethane	2.415	63	4675	0.502	ppbv #	88
25) Ethyl Acetate	2.849	43	6874m	0.342	ppbv	
26) Hexane	2.839	57	2781	0.318	ppbv #	71
27) Carbon Disulfide	2.156	76	4721	0.463	ppbv #	1
28) Methyl tert-Butyl Ether	2.451	73	2422	0.461	ppbv #	78
29) Chloroform	2.859	83	9130	0.557	ppbv	98
30) Cyclohexane	3.865	84	2297m	0.314	ppbv	
31) cis-1,2-Dichloroethene	2.729	61	3673m	0.360	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	8191	0.461	ppbv	99
34) 2-Butanone	2.570	43	5597	0.429	ppbv #	89
35) Carbon Tetrachloride	3.775	117	7943	0.485	ppbv #	88
36) Benzene	3.671	78	7784m	0.458	ppbv	
37) 1,2-Dichloroethane	3.231	62	6744	0.514	ppbv	98
38) Trichloroethene	4.571	130	2973m	0.458	ppbv	
39) 1,2-Dichloropropane	4.328	63	2953	0.464	ppbv #	82
40) 1,4-Dioxane	4.642	88	1115m	0.374	ppbv	
41) Tetrahydrofuran	3.082	42	2224m	0.359	ppbv	
42) Bromodichloromethane	4.506	83	7872	0.491	ppbv	90
43) Methyl Methacrylate	4.904	69	2010m	0.317	ppbv	
44) 2,2,4-Trimethylpentane	4.655	57	10016m	0.363	ppbv	
45) t-1,3-Dichloropropene	6.432	75	2599m	0.312	ppbv	

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Manual Integrations
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Quant Time: May 07 01:45:46 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

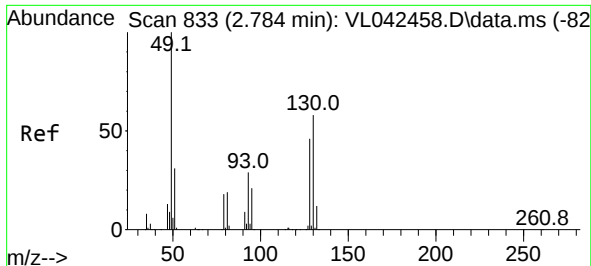
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

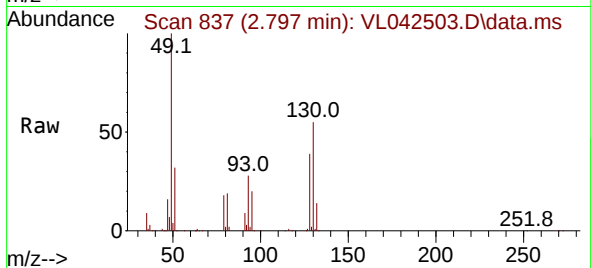
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.623	75	3534m	0.357	ppbv	
47) 1,1,2-Trichloroethane	6.610	97	4113m	0.589	ppbv	
48) Dibromochloromethane	7.403	129	4854m	0.412	ppbv	
49) Bromoform	9.503	173	4158m	0.421	ppbv	
50) 4-Methyl-2-Pentanone	5.801	43	6022m	0.365	ppbv	
51) 2-Hexanone	7.471	43	4091m	0.310	ppbv	
52) Tetrachloroethene	8.238	164	2219m	0.343	ppbv	
53) Toluene	6.953	91	5085m	0.282	ppbv	
54) 1,2-Dibromoethane	7.671	107	3912m	0.366	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.940	131	5499	0.621	ppbv #	1
57) Chlorobenzene	8.930	112	7393m	0.491	ppbv	
58) Ethyl Benzene	9.371	91	7245m	0.289	ppbv	
59) m/p-Xylene	9.545	91	11659m	0.555	ppbv	
60) o-Xylene	9.976	91	6164	0.293	ppbv	97
61) Styrene	9.885	104	2490m	0.317	ppbv	
62) Isopropylbenzene	10.552	105	9869	0.325	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.976	83	7187	0.496	ppbv	94
64) n-propylbenzene	11.002	120	2644m	0.357	ppbv	
65) tert-Butylbenzene	11.539	119	7043	0.260	ppbv	92
66) Benzyl Chloride	11.627	91	1408m	0.450	ppbv	
67) sec-Butylbenzene	11.775	105	12043	0.313	ppbv	98
69) p-Isopropyltoluene	11.937	119	9149	0.282	ppbv	98
70) n-Butylbenzene	12.290	91	8909	0.266	ppbv	90
71) 2-Chlorotoluene	10.911	91	6834	0.287	ppbv	99
72) 4-Ethyltoluene	11.135	105	6847	0.276	ppbv #	90
73) 1,3,5-Trimethylbenzene	11.216	105	6116	0.280	ppbv	98
74) 1,2,4-Trimethylbenzene	11.549	105	7792	0.295	ppbv #	86
75) 1,3-Dichlorobenzene	11.617	146	5925	0.403	ppbv	94
76) 1,4-Dichlorobenzene	11.685	146	5815	0.418	ppbv	91
77) 1,2-Dichlorobenzene	11.957	146	7046	0.490	ppbv	93
78) Hexachloro-1,3-Butadiene	13.892	225	7019	0.489	ppbv	98
79) Naphthalene	13.523	128	4704m	0.212	ppbv	
80) Naphthalene,2-methyl-	14.459	142	1201	0.073	ppbv #	86
81) 1,2,4-Trichlorobenzene	13.449	180	2702	0.228	ppbv	96

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

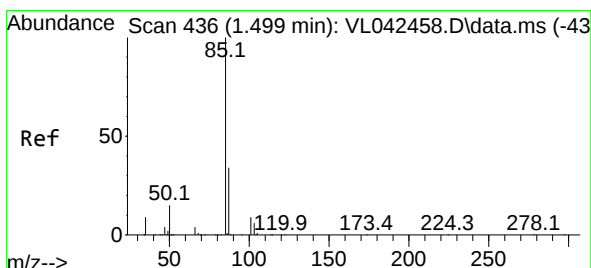
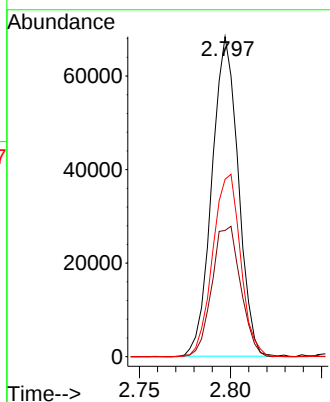
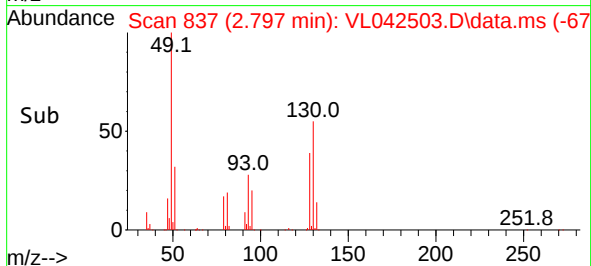
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 49 Resp: 6866
Ion Ratio Lower Upper
49 100
128 44.6 23.3 69.9
130 60.4 29.5 88.6

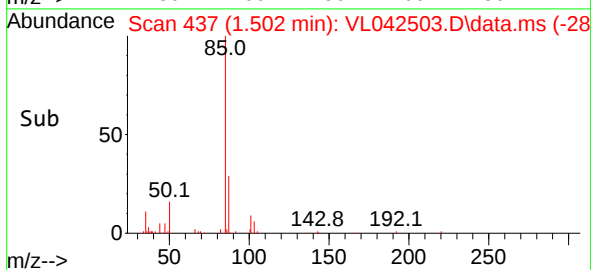
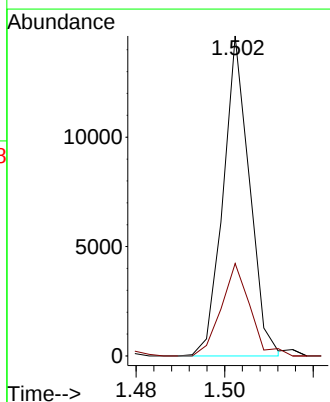
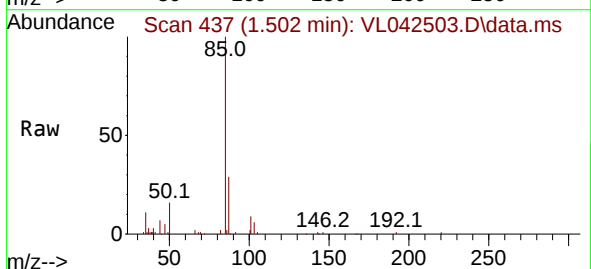
Manual Integrations
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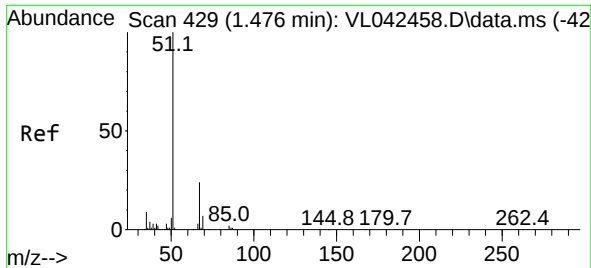
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 0.531 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 85 Resp: 6034
Ion Ratio Lower Upper
85 100
87 28.9 26.9 40.3





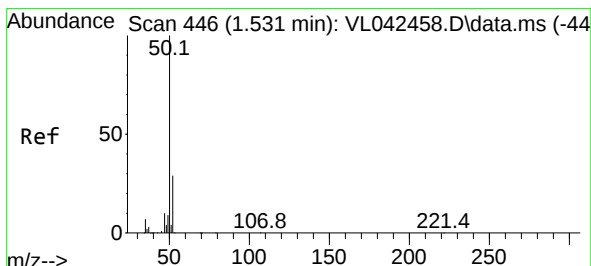
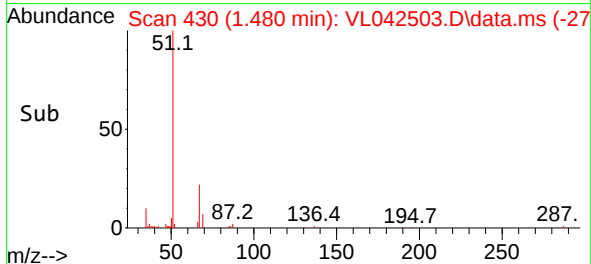
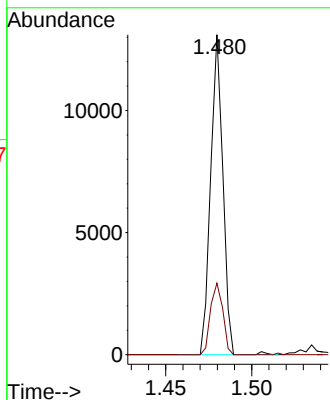
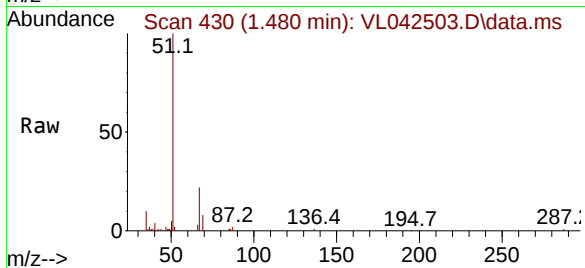
#3
Chlorodifluoromethane
Concen: 0.536 ppbv
RT: 1.480 min Scan# 411
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 51 Resp: 644
Ion Ratio Lower Upper
51 100
67 22.6 18.4 27.6

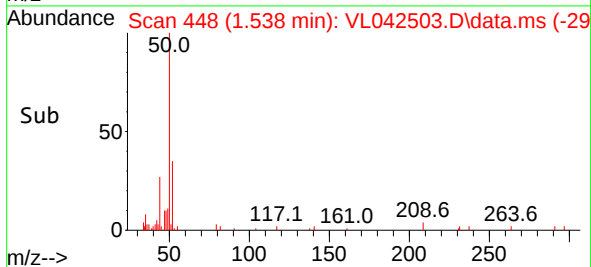
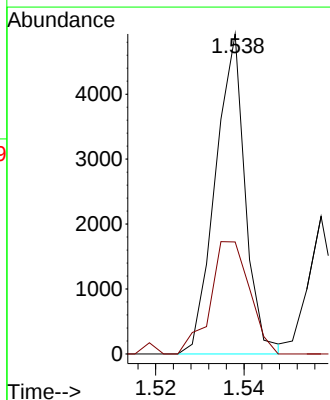
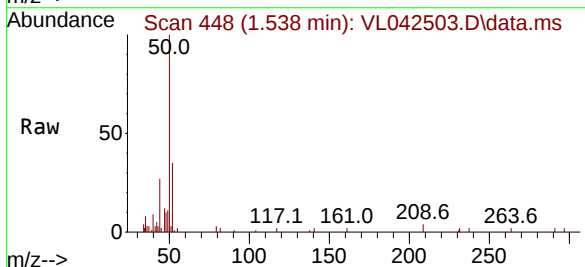
Manual Integrations
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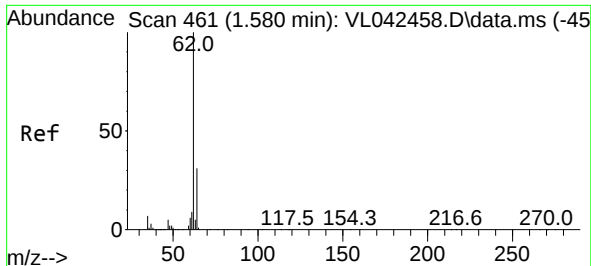
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 0.486 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 50 Resp: 2310
Ion Ratio Lower Upper
50 100
52 35.0 23.5 35.3





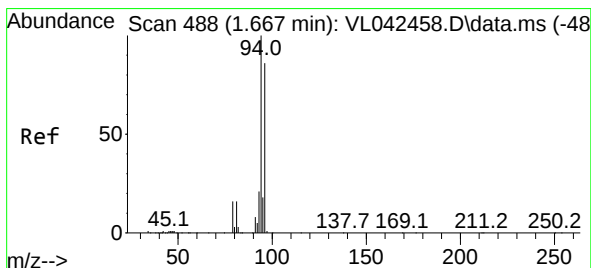
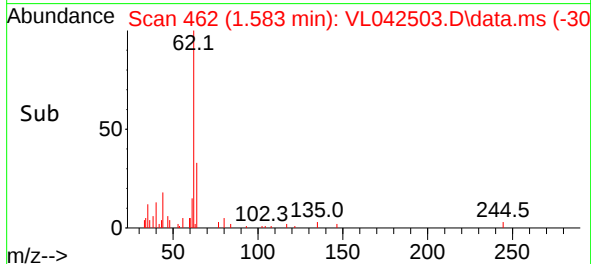
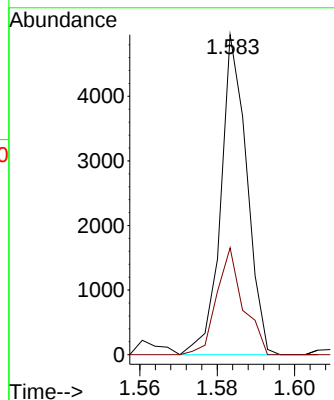
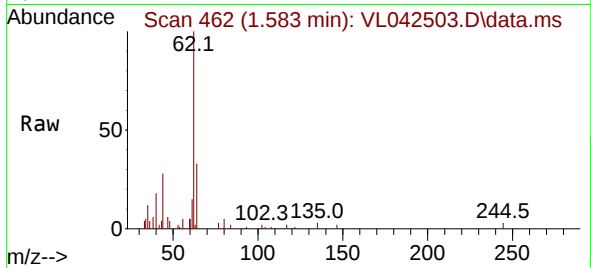
#5
Vinyl Chloride
Concen: 0.484 ppbv
RT: 1.583 min Scan# 40
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 62 Resp: 2310
Ion Ratio Lower Upper
62 100
64 33.4 24.9 37.3

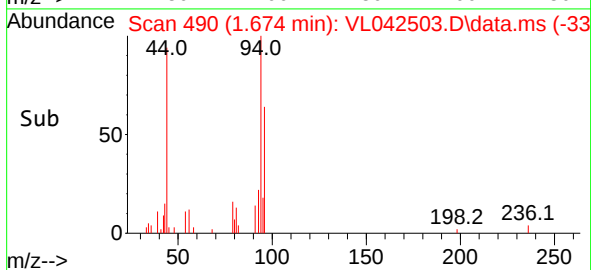
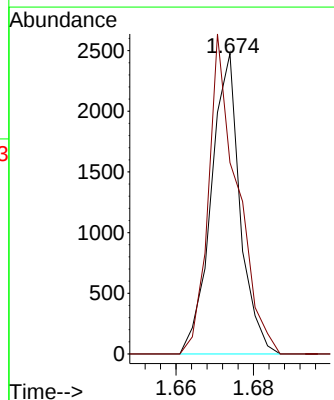
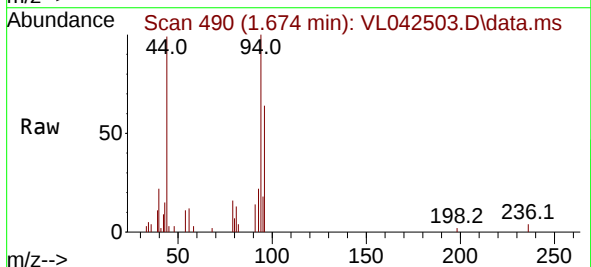
Manual Integrations
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Supervised By :Mahesh Dadoda 05/09/2025



#6
Bromomethane
Concen: 0.569 ppbv
RT: 1.674 min Scan# 490
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

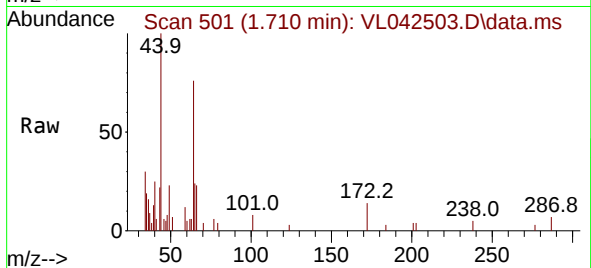
Tgt Ion: 94 Resp: 1285
Ion Ratio Lower Upper
94 100
96 63.7 68.8 103.2#





#7
Chloroethane
Concen: 0.521 ppbv
RT: 1.710 min Scan# 501
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

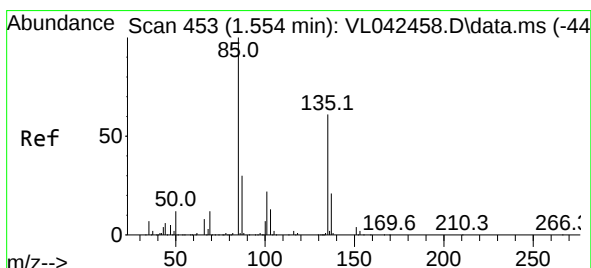
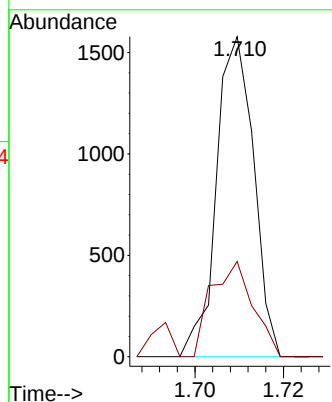
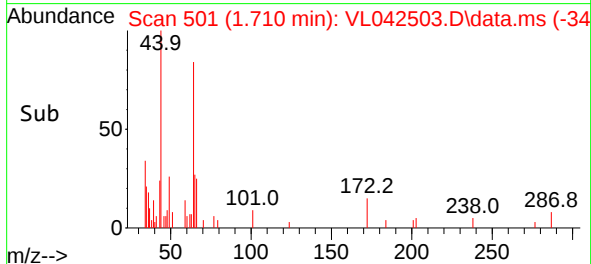
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 64 Resp: 920
Ion Ratio Lower Upper
64 100
66 29.8 25.0 37.4

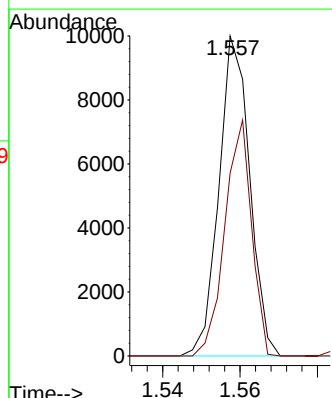
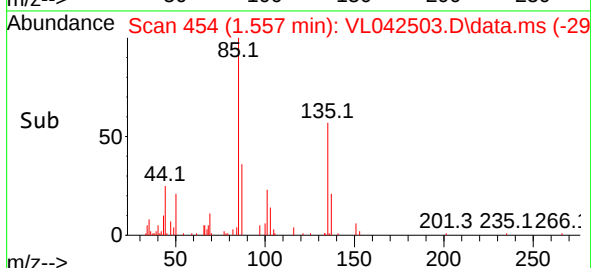
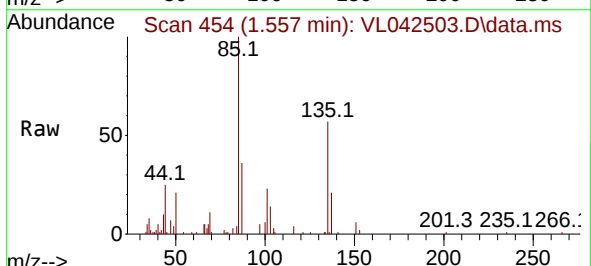
Manual Integrations
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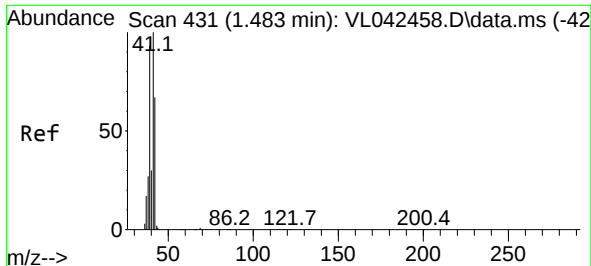
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#8
Dichlorotetrafluoroethane
Concen: 0.589 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 85 Resp: 5514
Ion Ratio Lower Upper
85 100
135 64.5 49.8 74.8





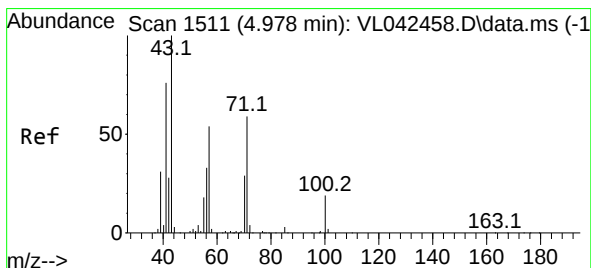
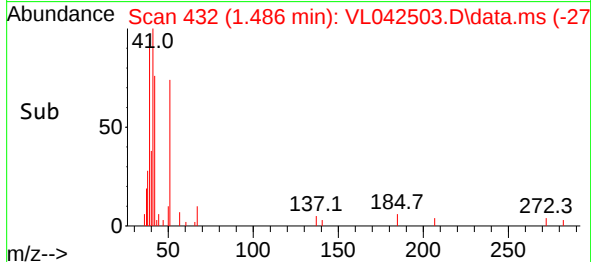
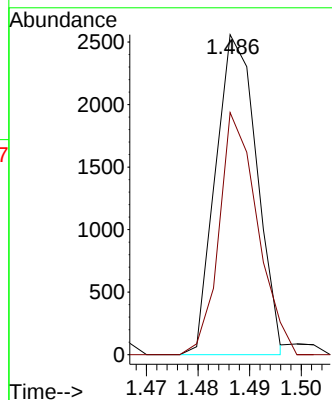
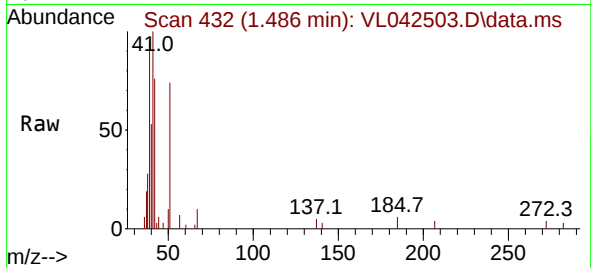
#9
Propene
Concen: 0.362 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 41 Resp: 1424
Ion Ratio Lower Upper
41 100
42 77.4 54.3 81.5

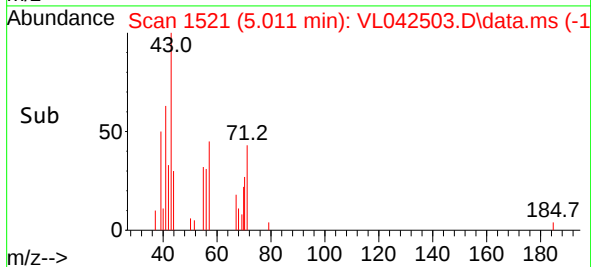
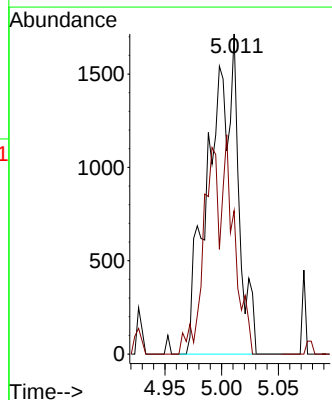
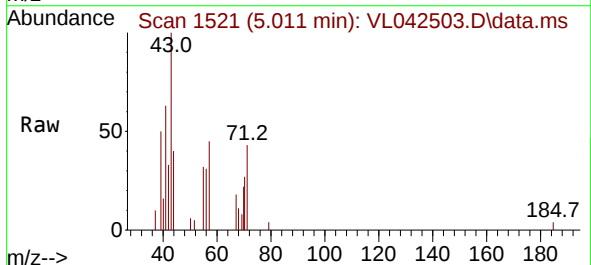
Manual Integrations
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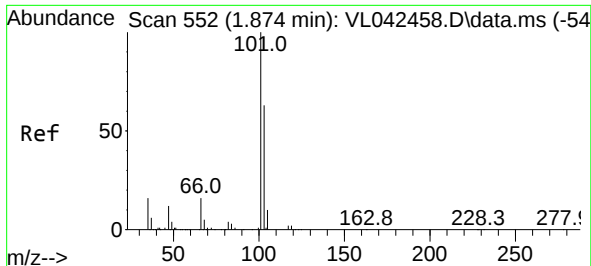
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#10
Heptane
Concen: 0.294 ppbv m
RT: 5.011 min Scan# 1521
Delta R.T. 0.033 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

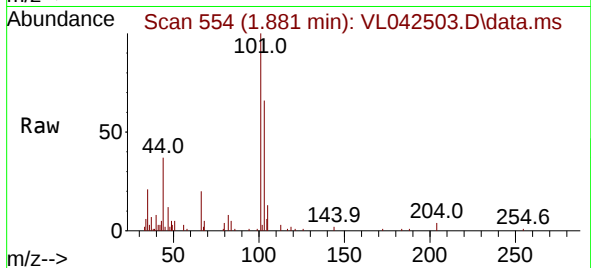
Tgt Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
57 64.5 41.8 62.8#





#11
Trichlorofluoromethane
Concen: 0.512 ppbv
RT: 1.881 min Scan# 536
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

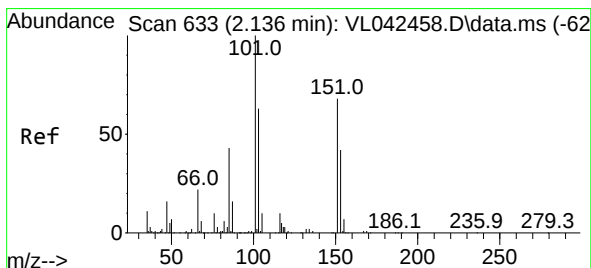
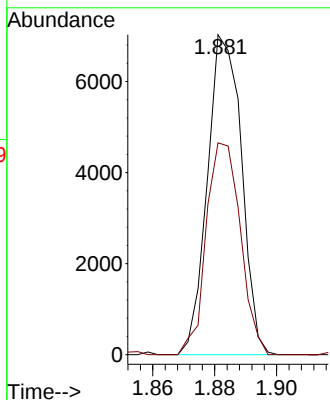
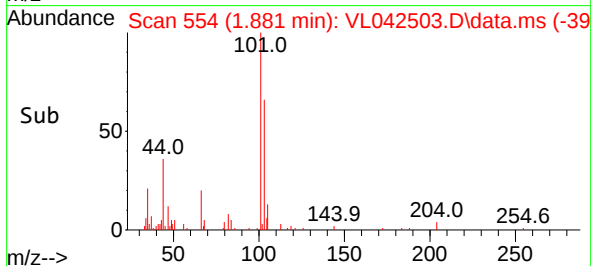
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



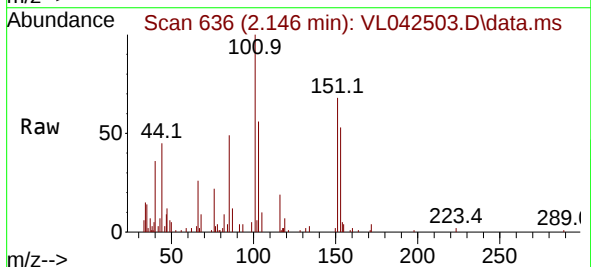
Tgt Ion:101 Resp: 536
Ion Ratio Lower Upper
101 100
103 66.2 50.6 76.0

Manual Integrations
APPROVED

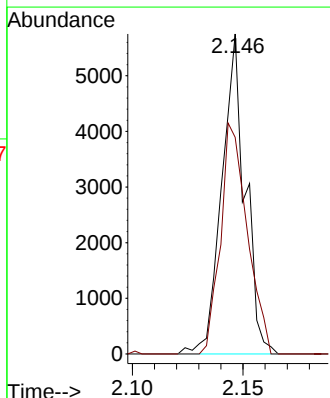
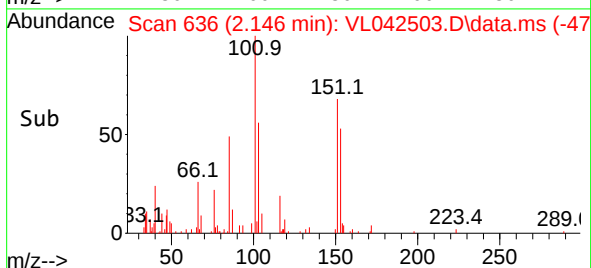
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

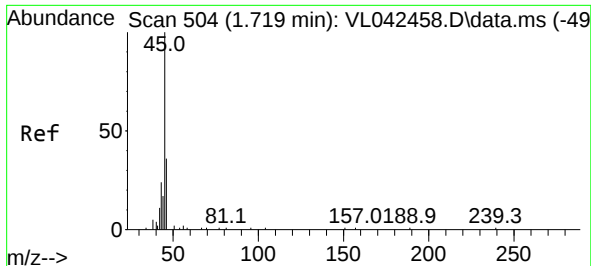


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.505 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



Tgt Ion:101 Resp: 4225
Ion Ratio Lower Upper
101 100
151 82.4 54.6 82.0#





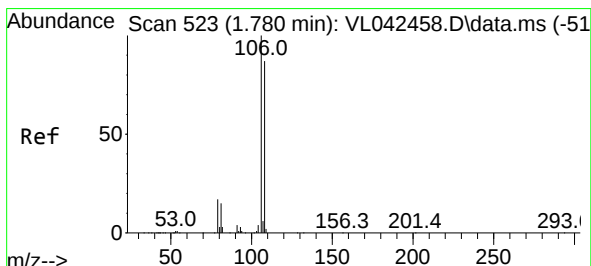
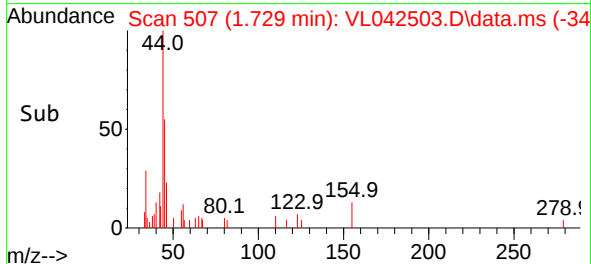
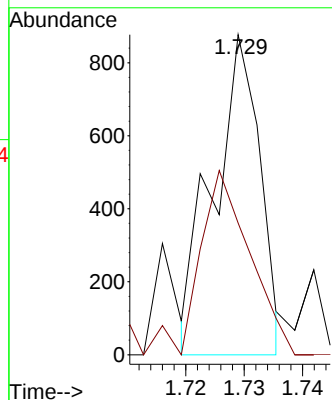
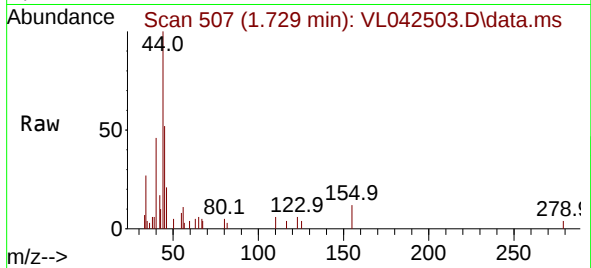
#13
Ethanol
Concen: 0.611 ppbv m
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 45 Resp: 485
Ion Ratio Lower Upper
45 100
46 84.4 15.3 61.1

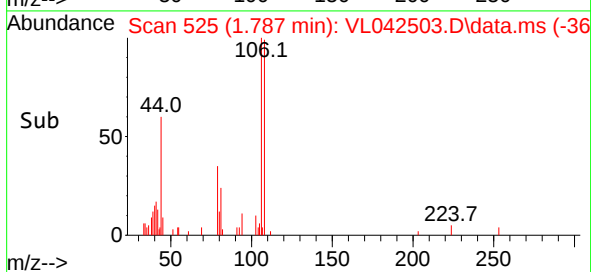
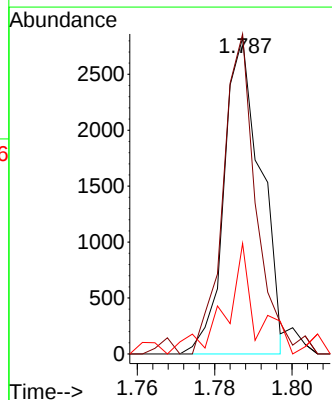
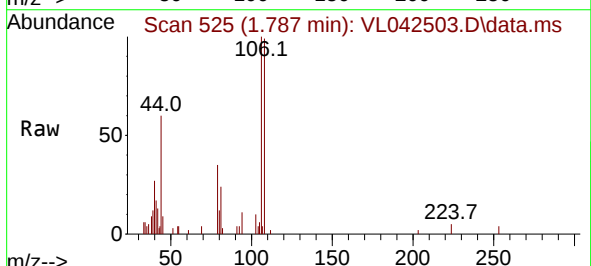
Manual Integrations
APPROVED

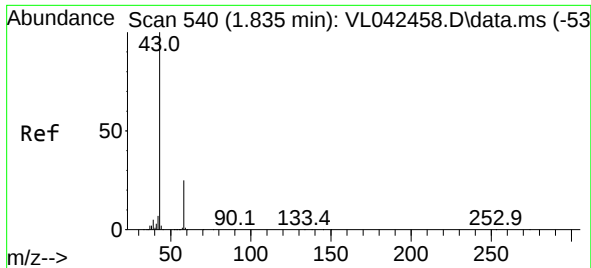
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#14
Bromoethene
Concen: 0.601 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

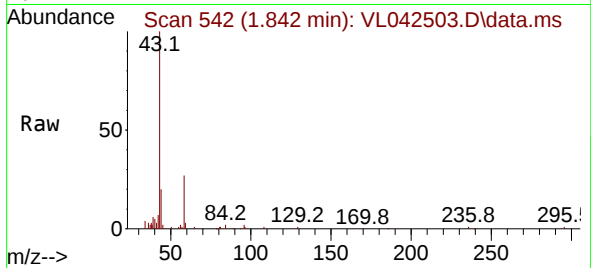
Tgt Ion:108 Resp: 1858
Ion Ratio Lower Upper
108 100
106 93.9 88.8 133.2
79 36.3 17.1 25.7





#15
Acetone
Concen: 0.677 ppbv
RT: 1.842 min Scan# 540
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

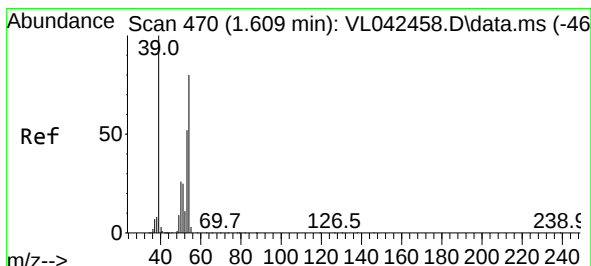
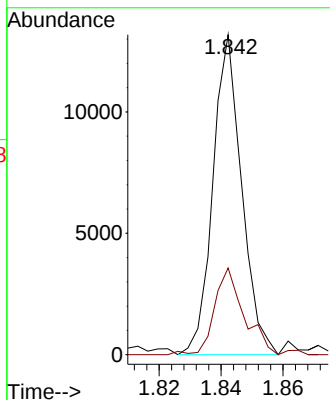
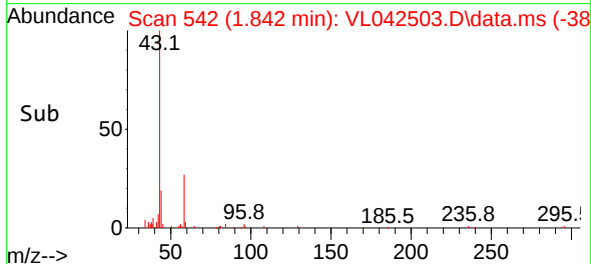
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



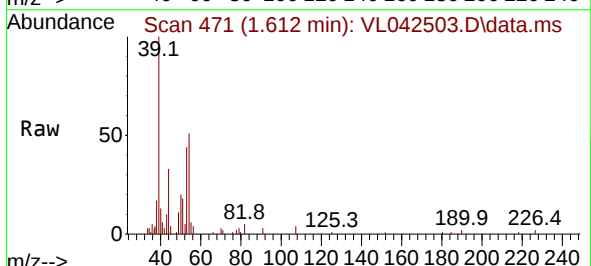
Tgt Ion: 43 Resp: 8492
Ion Ratio Lower Upper
43 100
58 28.6 19.8 29.8

Manual Integrations
APPROVED

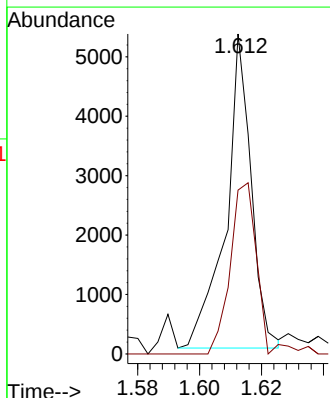
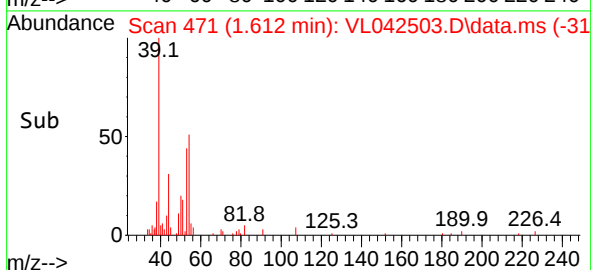
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

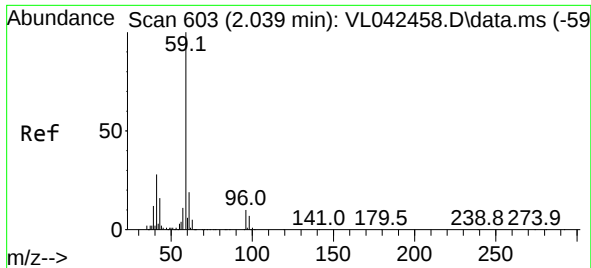


#16
1,3-Butadiene
Concen: 0.542 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



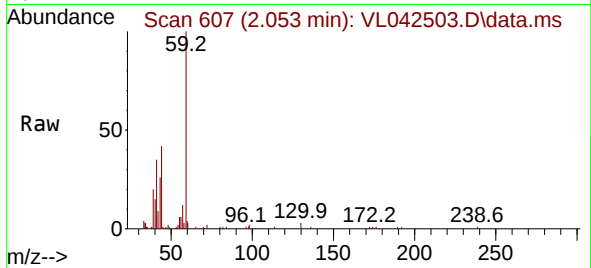
Tgt Ion: 39 Resp: 2995
Ion Ratio Lower Upper
39 100
54 58.5 55.2 82.8





#17
tert-Butyl alcohol
Concen: 0.462 ppbv
RT: 2.053 min Scan# 607
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

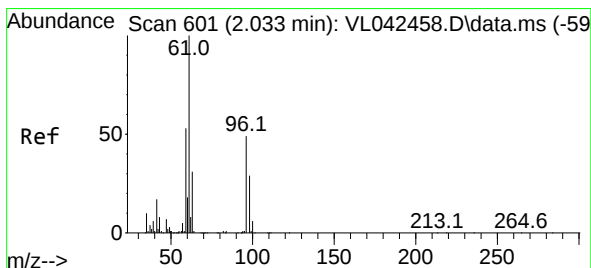
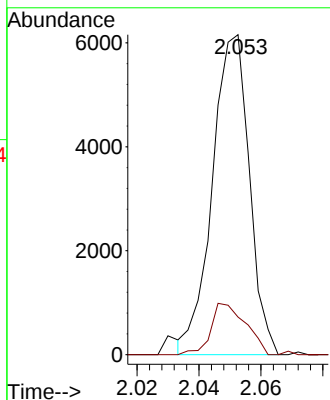
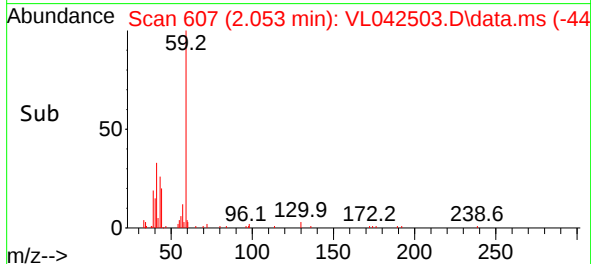
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



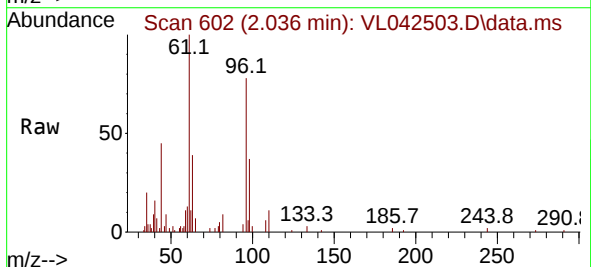
Tgt Ion: 59 Resp: 5104
Ion Ratio Lower Upper
59 100
57 15.4 8.3 12.5

Manual Integrations
APPROVED

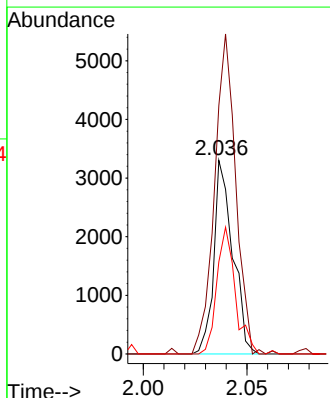
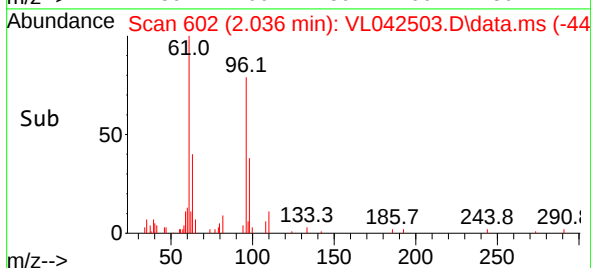
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

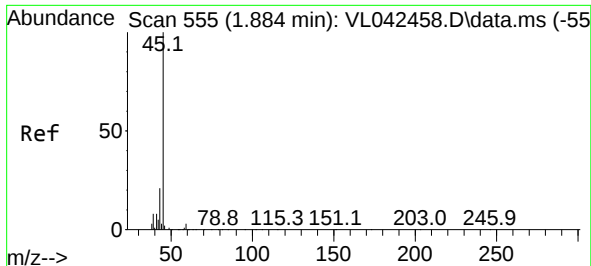


#18
1,1-Dichloroethene
Concen: 0.540 ppbv m
RT: 2.036 min Scan# 602
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



Tgt Ion: 96 Resp: 2111
Ion Ratio Lower Upper
96 100
61 128.2 164.9 247.3#
98 47.6 48.2 72.2#





#19

Isopropyl Alcohol

Concen: 0.522 ppbv

RT: 1.897 min Scan# 519

Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

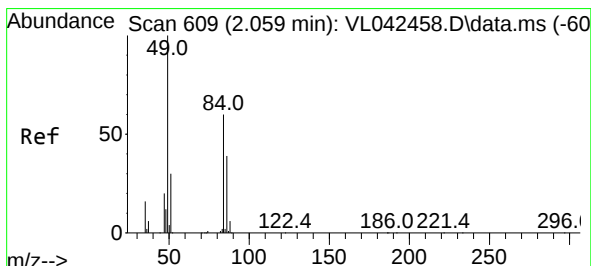
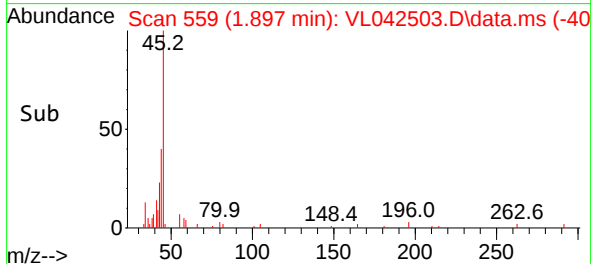
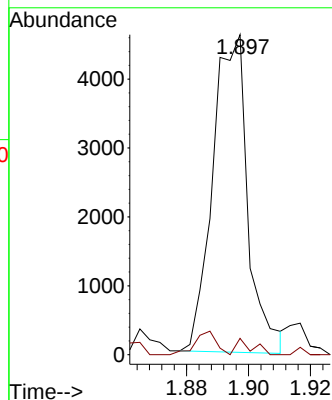
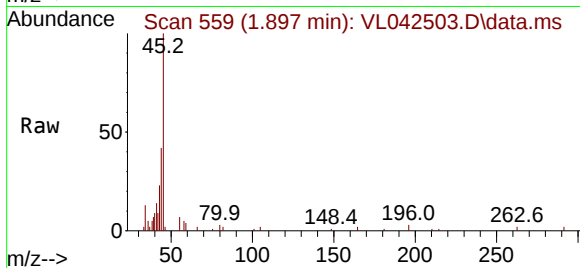
MDL3 0.40

Tgt Ion: 45 Resp: 3619
 Ion Ratio Lower Upper
 45 100
 58 7.4 1.6 2.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#20

Methylene Chloride

Concen: 0.543 ppbv

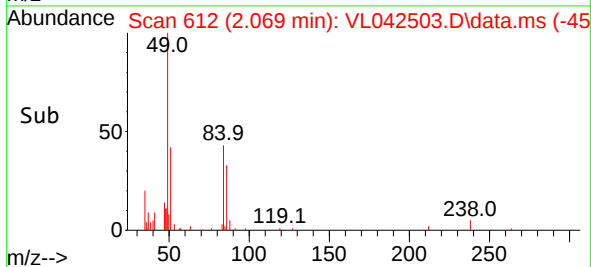
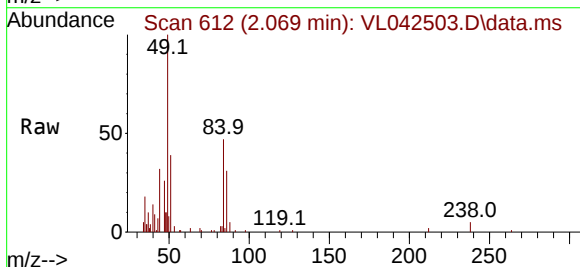
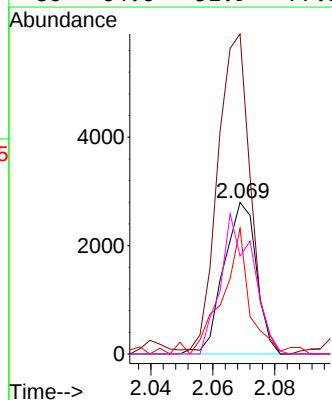
RT: 2.069 min Scan# 612

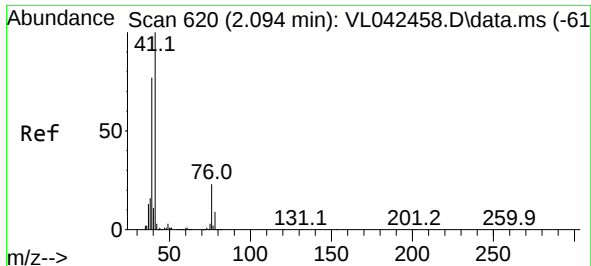
Delta R.T. 0.010 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

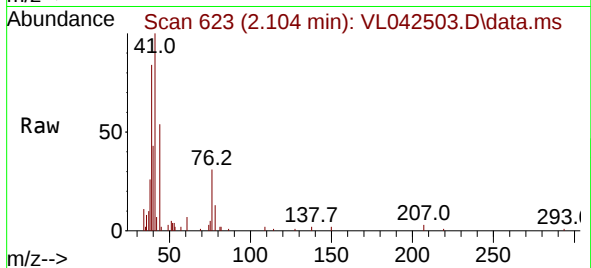
Tgt Ion: 84 Resp: 2045
 Ion Ratio Lower Upper
 84 100
 49 227.4 133.9 200.9#
 51 81.0 41.0 61.6#
 86 64.6 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.448 ppbv
 RT: 2.104 min Scan# 619
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

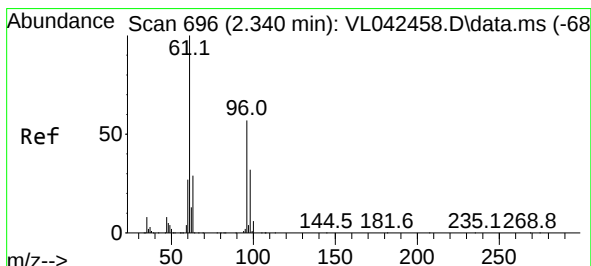
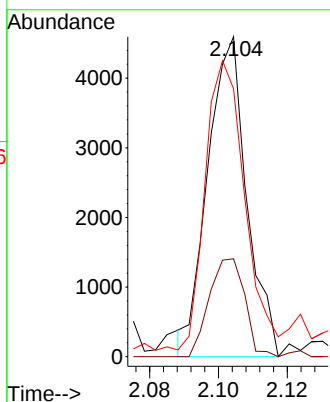
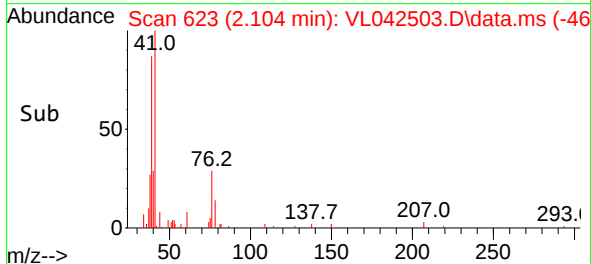
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



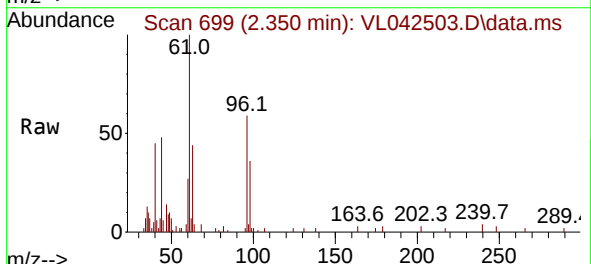
Tgt Ion: 41 Resp: 361
 Ion Ratio Lower Upper
 41 100
 76 29.5 19.6 29.4
 39 119.4 61.0 91.4

Manual Integrations
 APPROVED

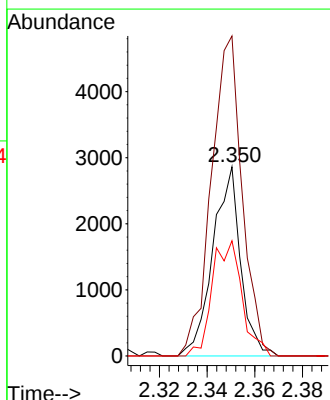
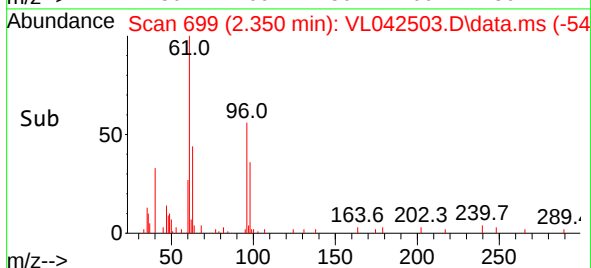
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

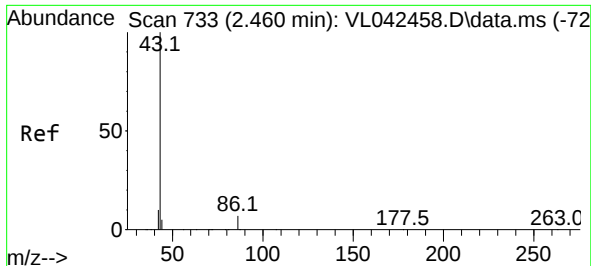


#22
 trans-1,2-Dichloroethene
 Concen: 0.507 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39



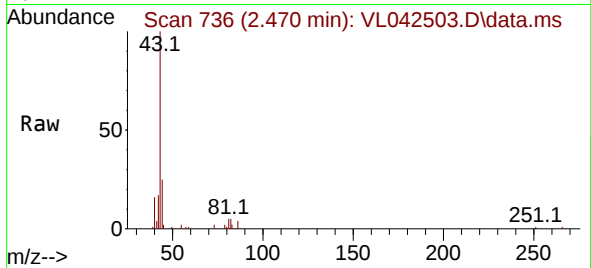
Tgt Ion: 96 Resp: 2315
 Ion Ratio Lower Upper
 96 100
 61 169.2 141.8 212.6
 98 60.9 45.0 67.6





#23
 Vinyl Acetate
 Concen: 0.413 ppbv m
 RT: 2.470 min Scan# 719
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

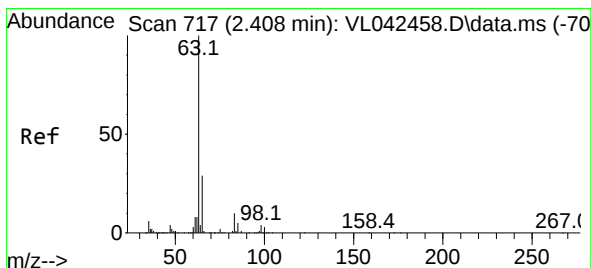
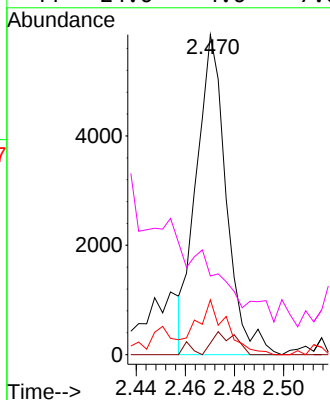
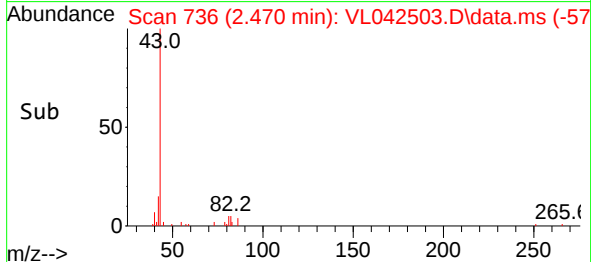
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



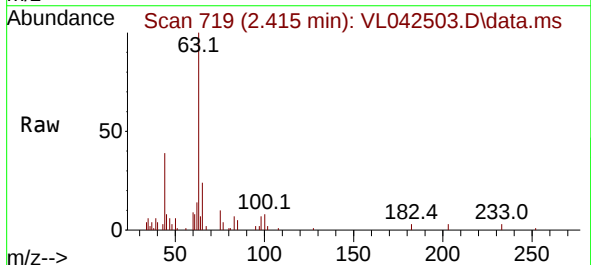
Tgt Ion: 43 Resp: 494
 Ion Ratio Lower Upper
 43 100
 86 3.6 5.5 8.3#
 42 17.2 8.3 12.5#
 44 24.6 4.6 7.0#

Manual Integrations
 APPROVED

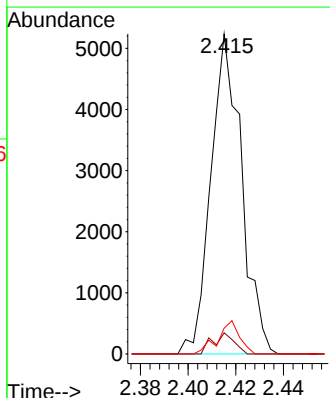
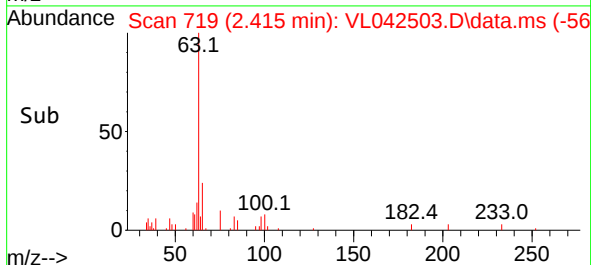
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

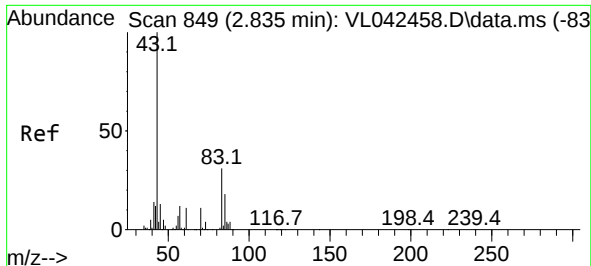


#24
 1,1-Dichloroethane
 Concen: 0.502 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39



Tgt Ion: 63 Resp: 4675
 Ion Ratio Lower Upper
 63 100
 98 6.6 1.8 5.5#
 100 8.0 1.4 4.2#





#25

Ethyl Acetate

Concen: 0.342 ppbv

RT: 2.849 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

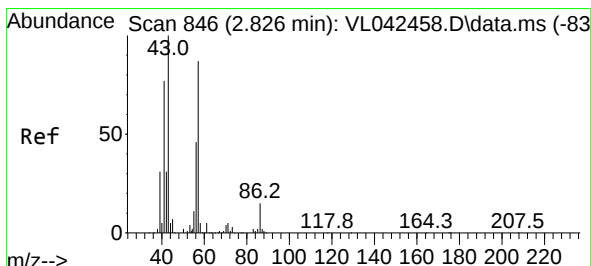
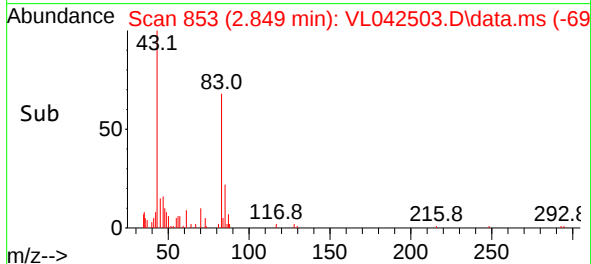
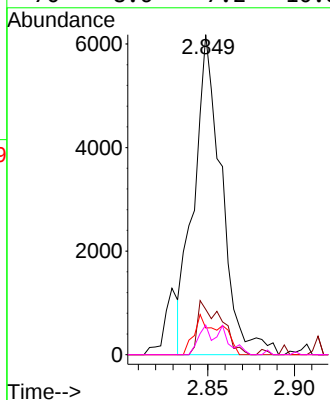
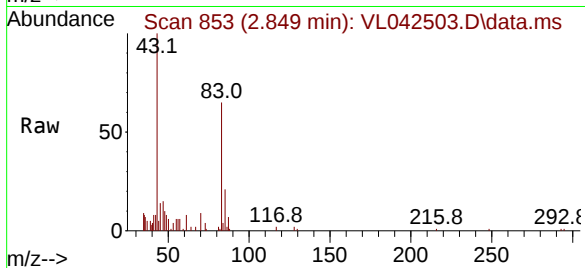
Tgt Ion: 43	Resp: 6874
Ion Ratio	Lower Upper
43 100	
45 15.5	7.8 11.6
61 11.8	7.2 10.8
70 8.6	7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#26

Hexane

Concen: 0.318 ppbv

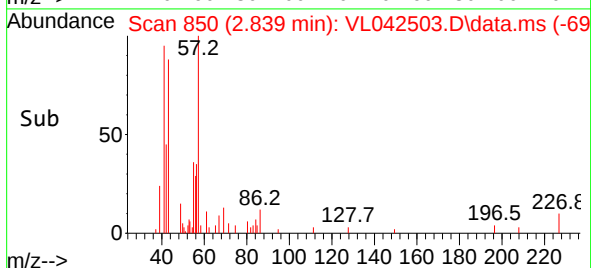
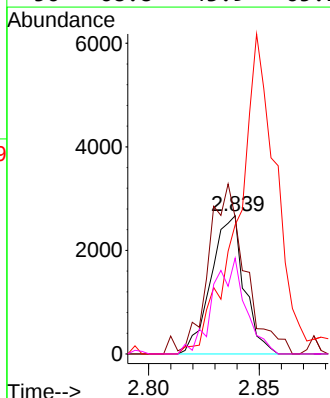
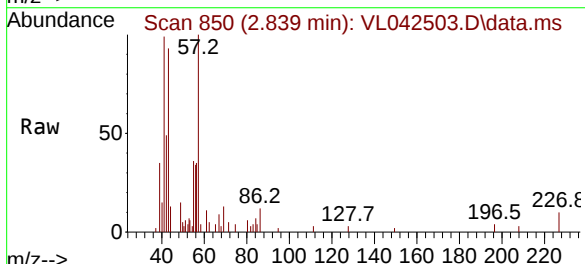
RT: 2.839 min Scan# 850

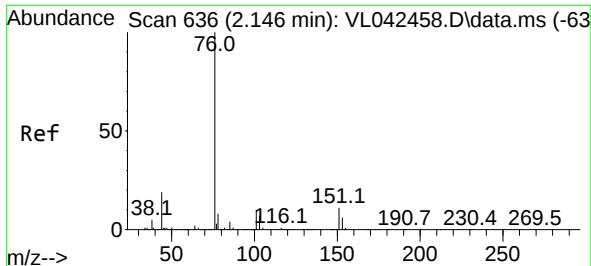
Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

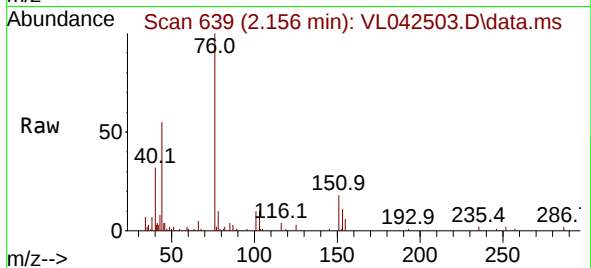
Tgt Ion: 57	Resp: 2781
Ion Ratio	Lower Upper
57 100	
41 141.5	77.8 116.8#
43 275.5	187.0 280.6
56 68.8	43.9 65.9#





#27
Carbon Disulfide
Concen: 0.463 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

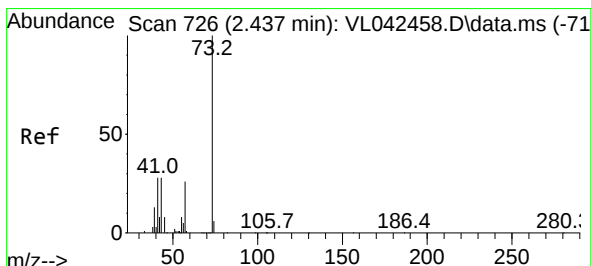
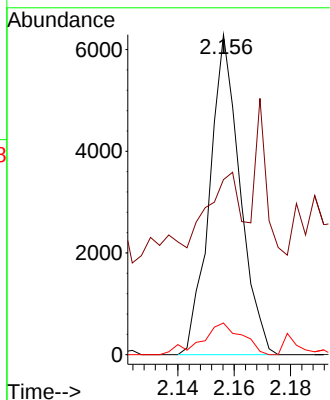
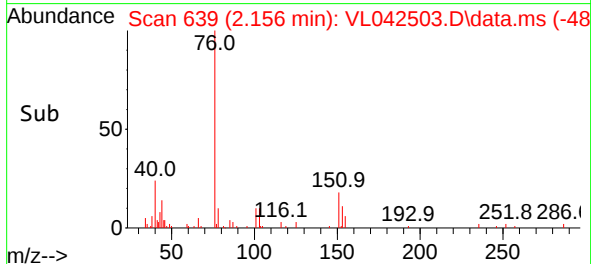
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



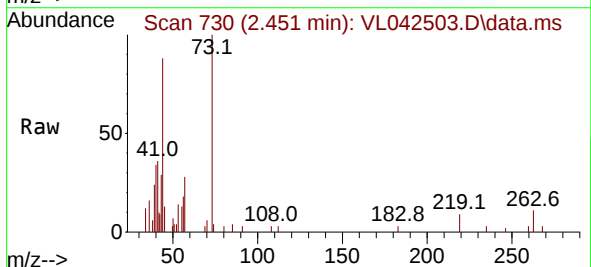
Tgt Ion: 76 Resp: 472
Ion Ratio Lower Upper
76 100
44 180.2 21.0 31.6
78 17.2 8.6 13.0

Manual Integrations
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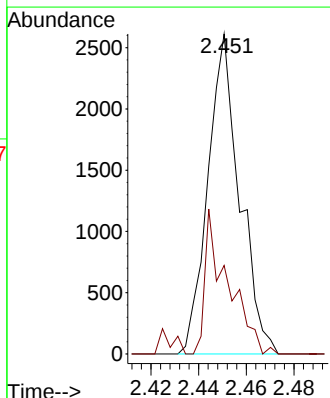
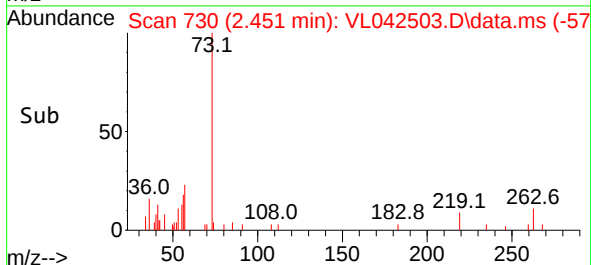
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

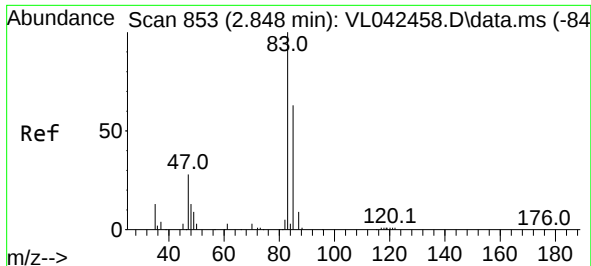


#28
Methyl tert-Butyl Ether
Concen: 0.461 ppbv
RT: 2.451 min Scan# 730
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



Tgt Ion: 73 Resp: 2422
Ion Ratio Lower Upper
73 100
57 36.0 19.9 29.9





#29

Chloroform

Concen: 0.557 ppbv

RT: 2.859 min Scan# 856

Delta R.T. 0.010 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

Tgt Ion: 83 Resp: 9130

Ion Ratio Lower Upper

83 100

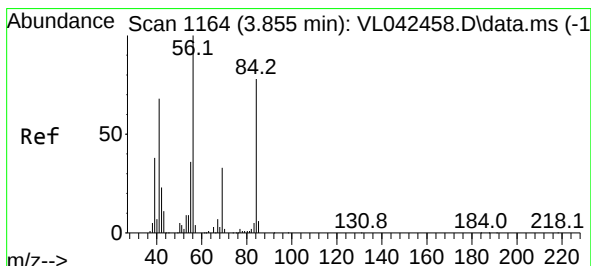
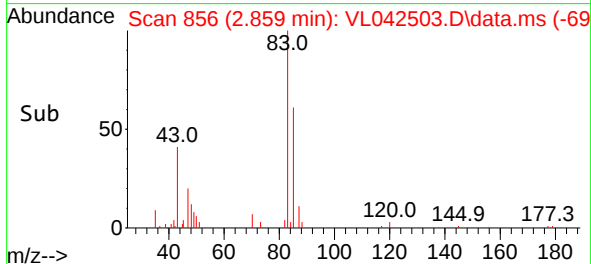
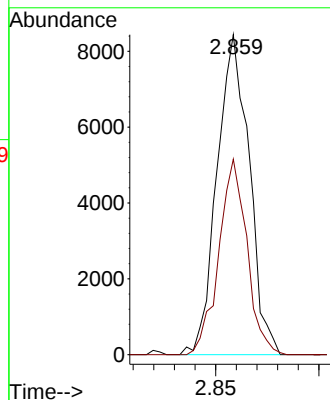
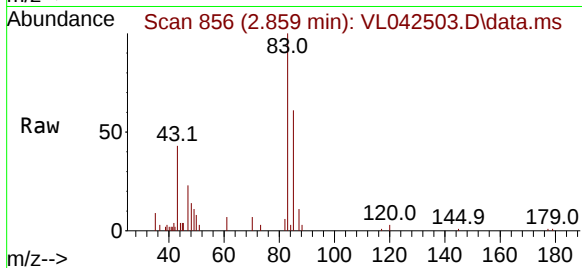
85 61.1 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#30

Cyclohexane

Concen: 0.314 ppbv m

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

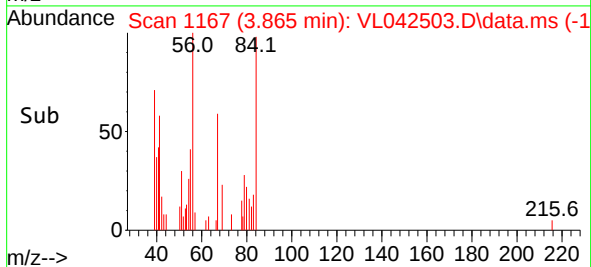
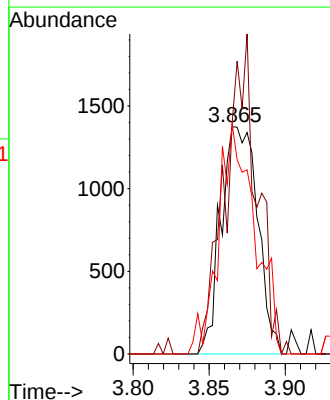
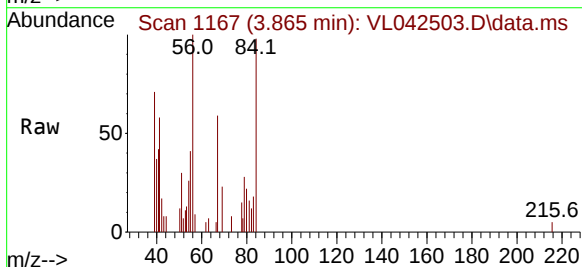
Tgt Ion: 84 Resp: 2297

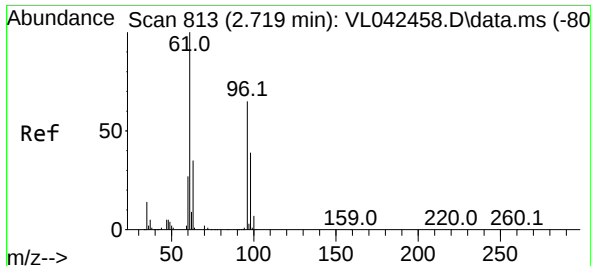
Ion Ratio Lower Upper

84 100

56 123.8 98.1 147.1

41 0.0 65.8 98.8#





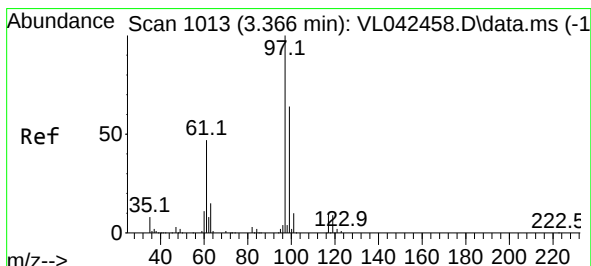
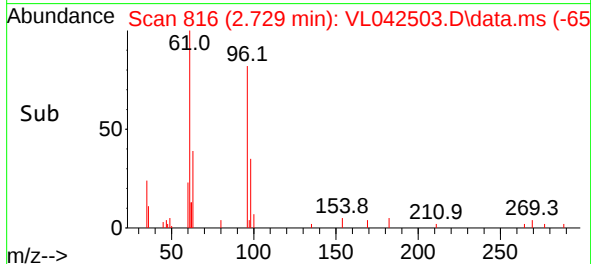
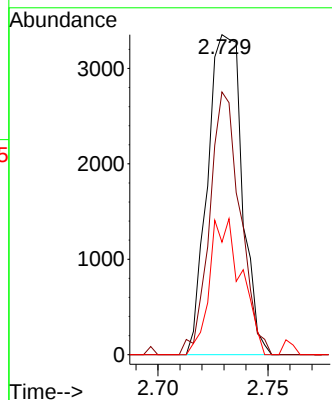
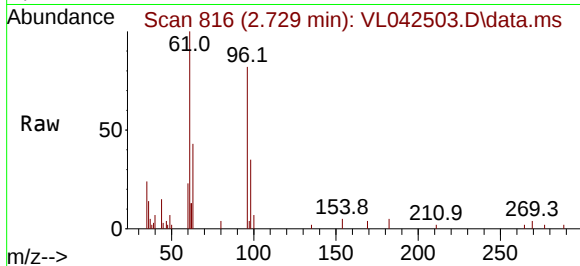
#31
 cis-1,2-Dichloroethene
 Concen: 0.360 ppbv m
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

Tgt Ion: 61 Resp: 367
 Ion Ratio Lower Upper
 61 100
 96 82.1 52.0 78.0
 98 35.1 31.0 46.6

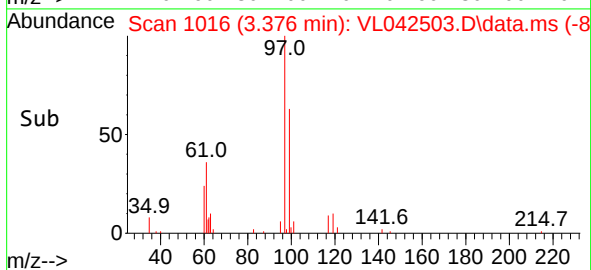
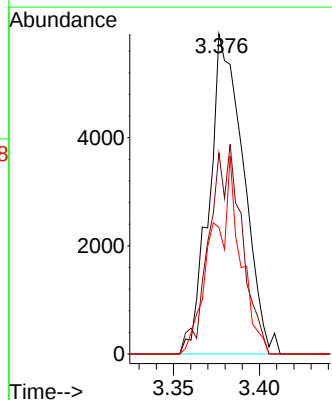
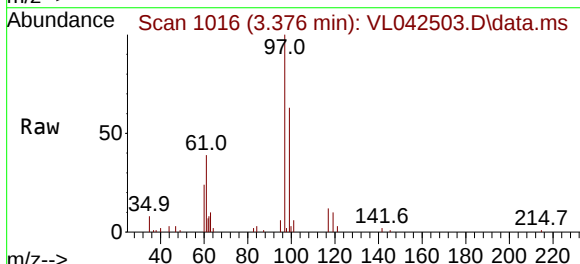
Manual Integrations
 APPROVED

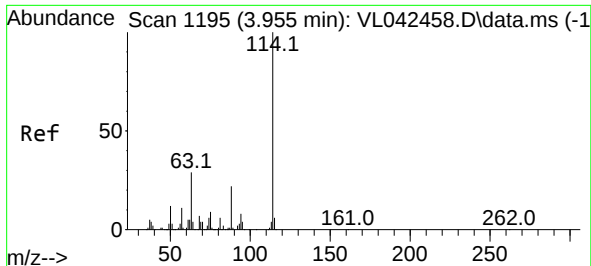
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.461 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

Tgt Ion: 97 Resp: 8191
 Ion Ratio Lower Upper
 97 100
 99 62.3 50.7 76.1
 61 50.3 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 1195

Delta R.T. 0.017 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

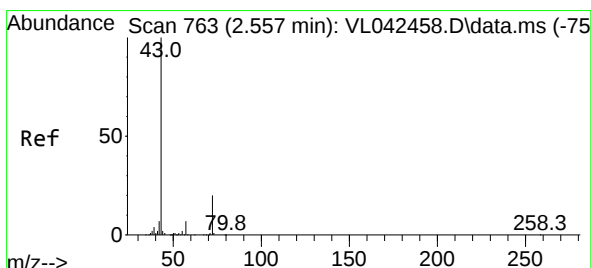
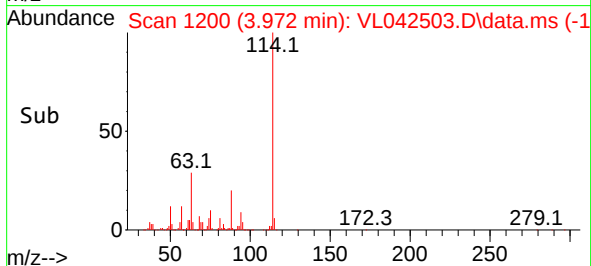
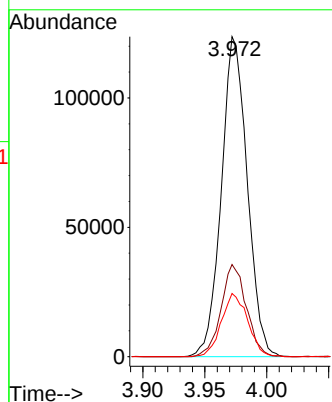
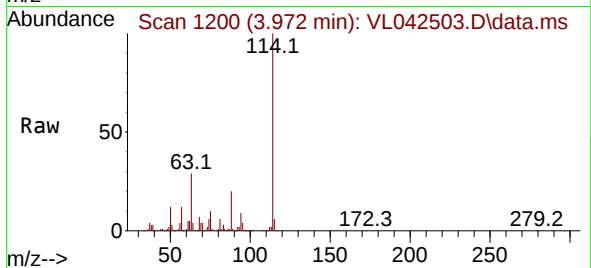
MDL3 0.40

Tgt Ion:	114	Resp:	180254
Ion Ratio	Lower	Upper	
114	100		
63	28.1	23.1	34.7
88	20.1	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 0.429 ppbv

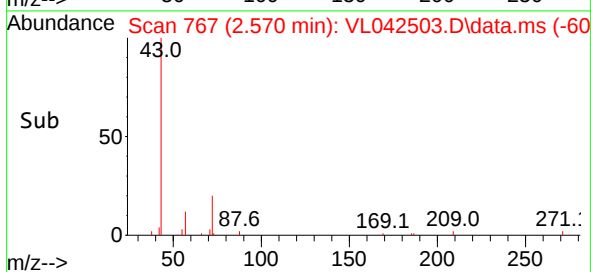
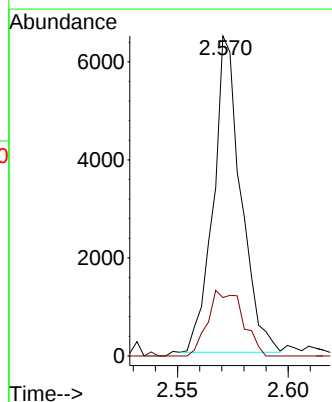
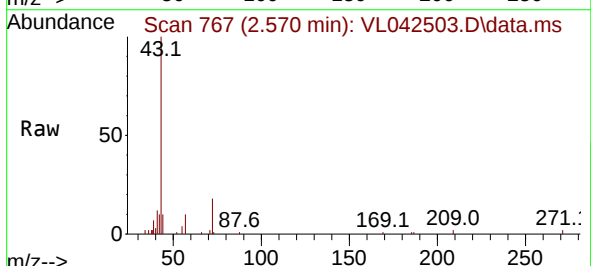
RT: 2.570 min Scan# 767

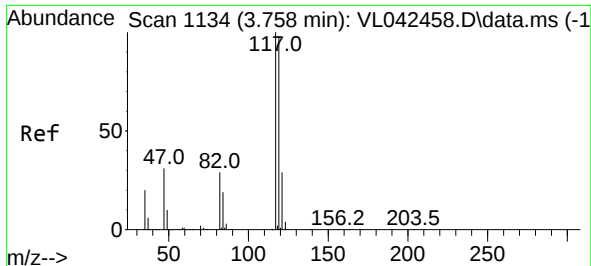
Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

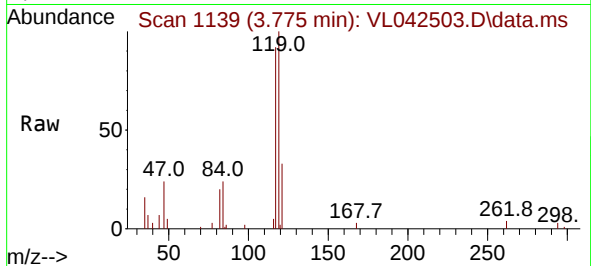
Tgt Ion:	43	Resp:	5597
Ion Ratio	Lower	Upper	
43	100		
72	26.1	16.7	25.1#





#35
Carbon Tetrachloride
Concen: 0.485 ppbv
RT: 3.775 min Scan# 1134
Delta R.T. 0.017 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

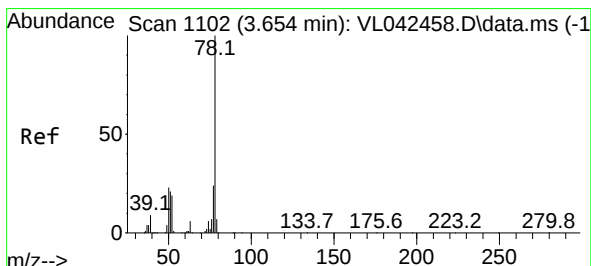
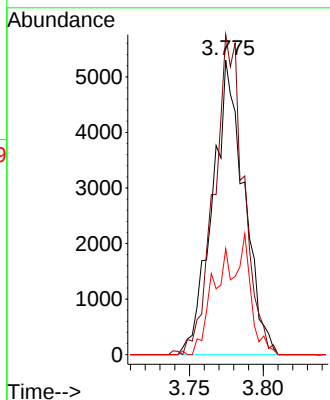
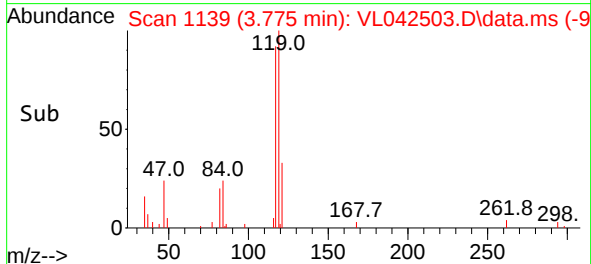
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 117 Resp: 7943
Ion Ratio Lower Upper
117 100
119 108.7 78.1 117.1
121 36.0 23.0 34.6

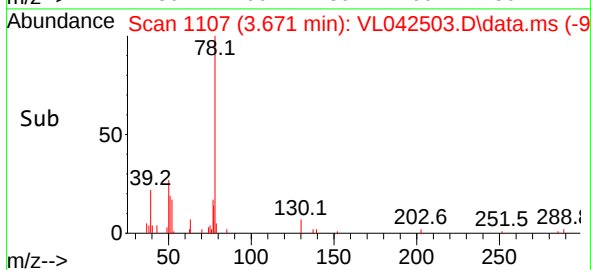
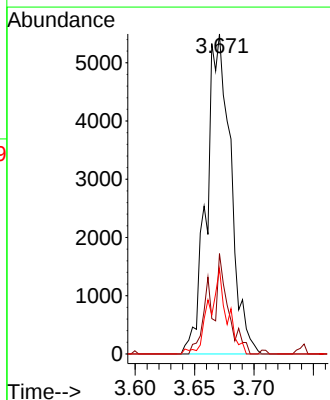
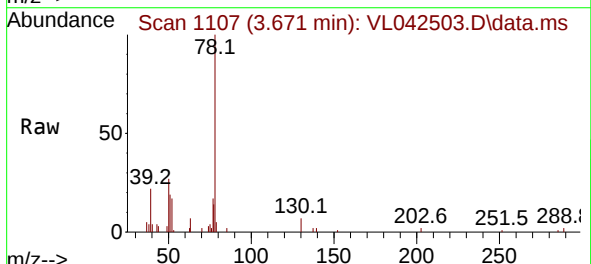
Manual Integrations
APPROVED

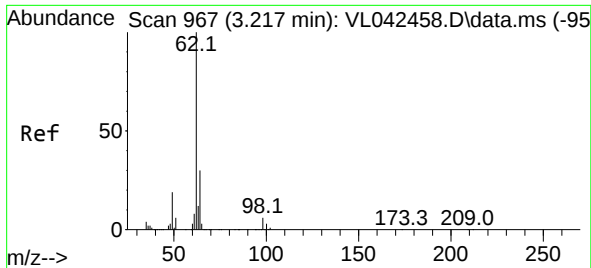
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#36
Benzene
Concen: 0.458 ppbv m
RT: 3.671 min Scan# 1107
Delta R.T. 0.017 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 78 Resp: 7784
Ion Ratio Lower Upper
78 100
77 17.1 18.9 28.3#
50 26.7 18.4 27.6





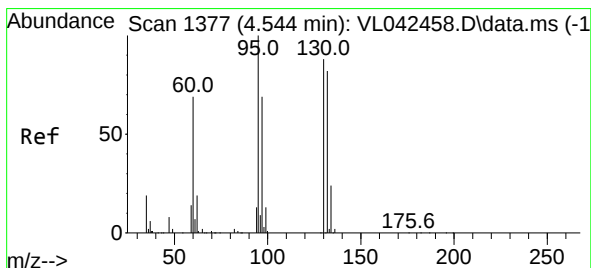
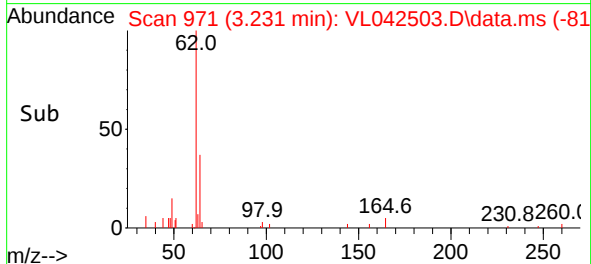
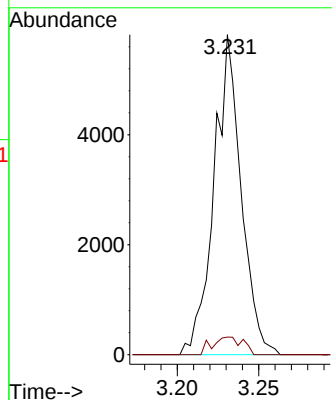
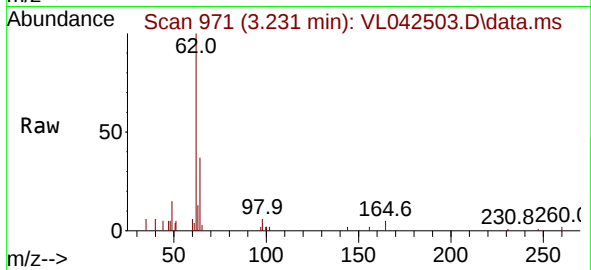
#37
1,2-Dichloroethane
Concen: 0.514 ppbv
RT: 3.231 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 62 Resp: 6744
Ion Ratio Lower Upper
62 100
98 6.2 4.3 6.5

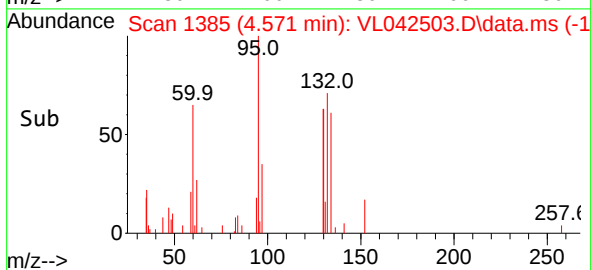
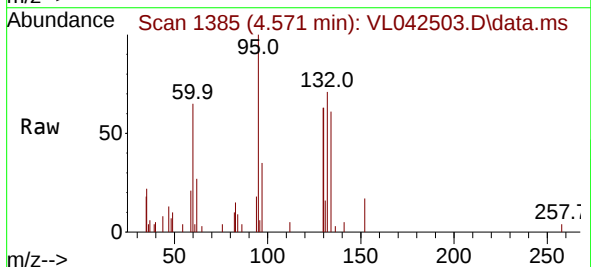
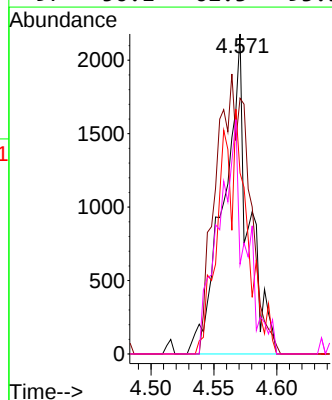
Manual Integrations
APPROVED

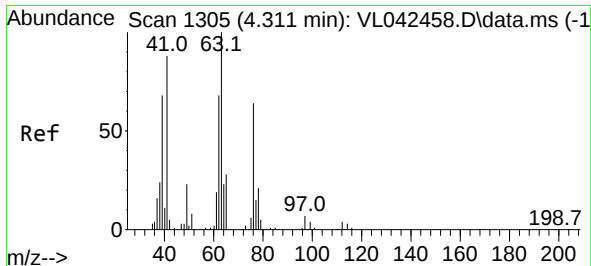
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 0.458 ppbv m
RT: 4.571 min Scan# 1385
Delta R.T. 0.026 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:130 Resp: 2973
Ion Ratio Lower Upper
130 100
95 159.7 91.0 136.4#
132 113.0 74.2 111.4#
97 56.1 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 0.464 ppbv

RT: 4.328 min Scan# 11

Delta R.T. 0.017 min

Lab File: VL042503.D

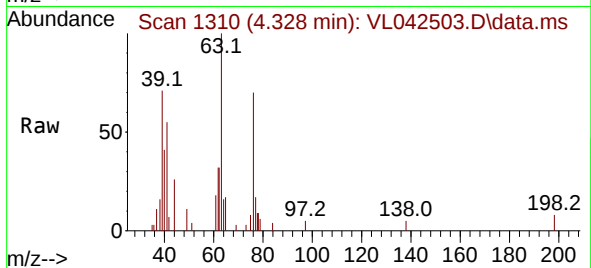
Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40



Tgt Ion: 63 Resp: 295

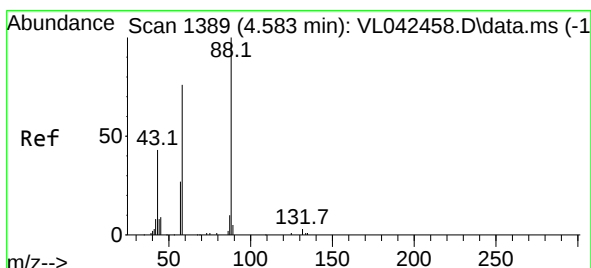
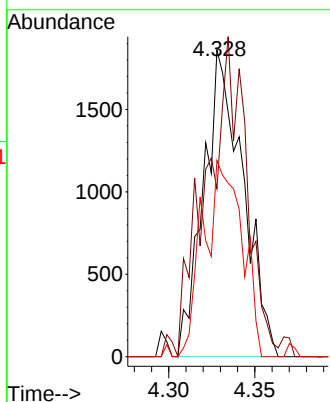
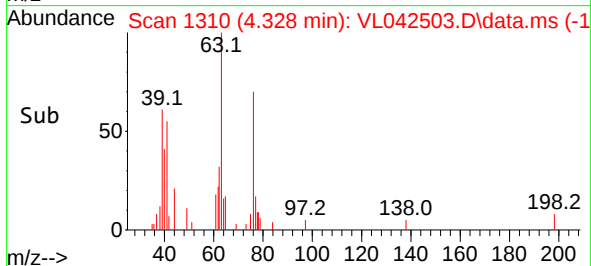
Ion	Ratio	Lower	Upper
63	100		
41	61.4	69.8	104.6
62	64.0	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#40

1,4-Dioxane

Concen: 0.374 ppbv m

RT: 4.642 min Scan# 1407

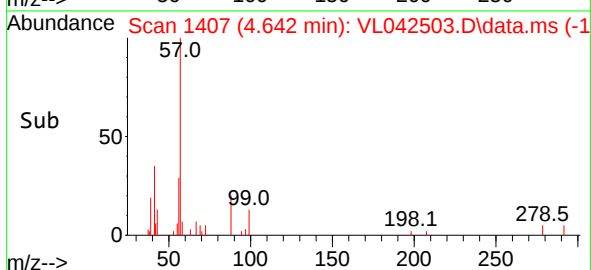
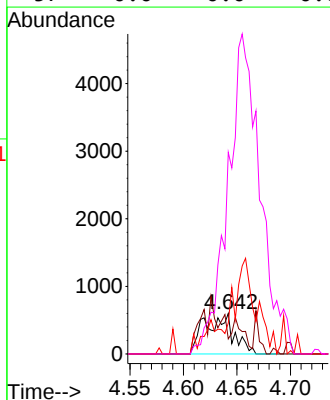
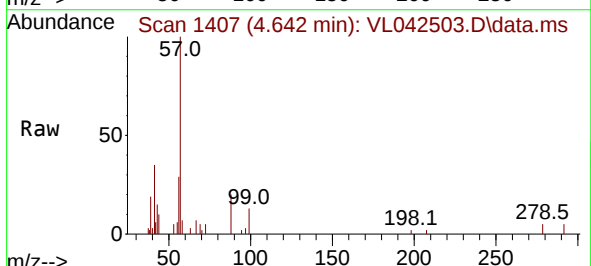
Delta R.T. 0.059 min

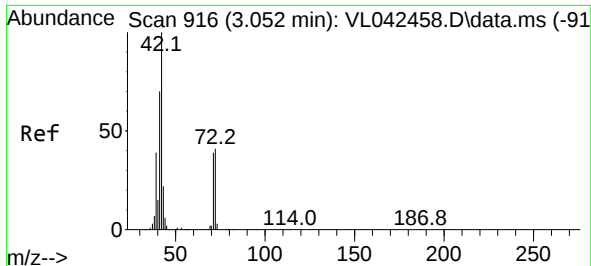
Lab File: VL042503.D

Acq: 06 May 2025 18:39

Tgt Ion: 88 Resp: 1115

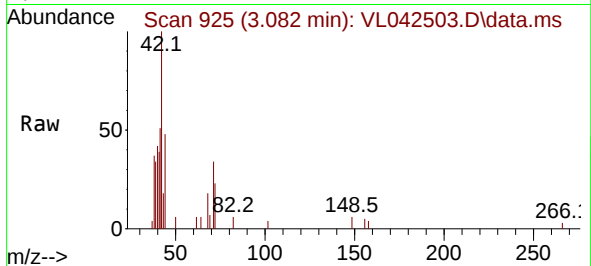
Ion	Ratio	Lower	Upper
88	100		
58	152.6	0.0	0.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.359 ppbv m
RT: 3.082 min Scan# 916
Delta R.T. 0.030 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

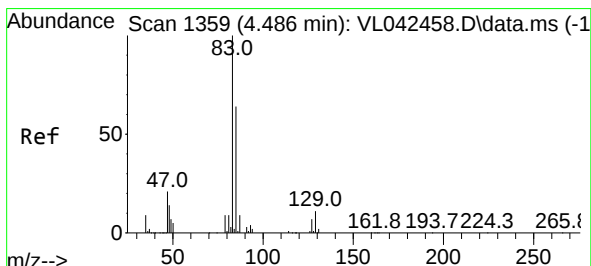
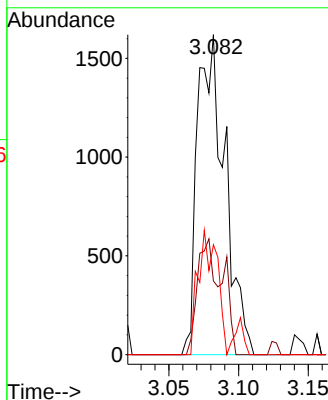
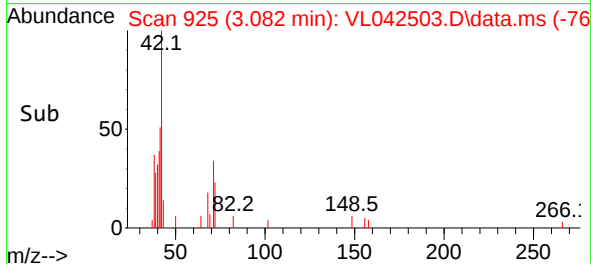
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



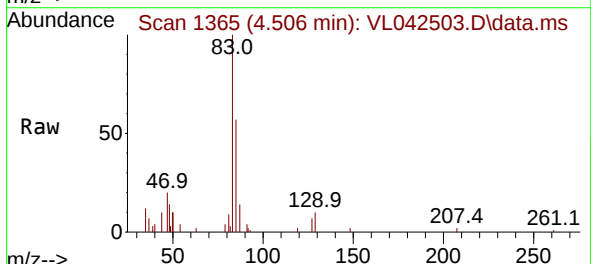
Tgt Ion: 42 Resp: 2224
Ion Ratio Lower Upper
42 100
72 32.3 33.5 50.3
71 30.8 32.6 49.0

Manual Integrations
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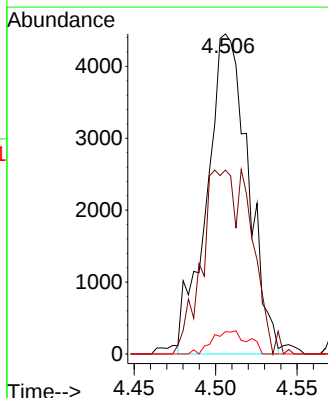
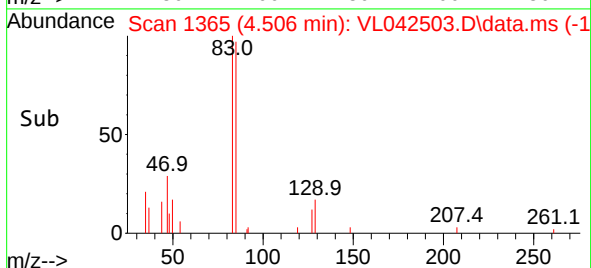
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

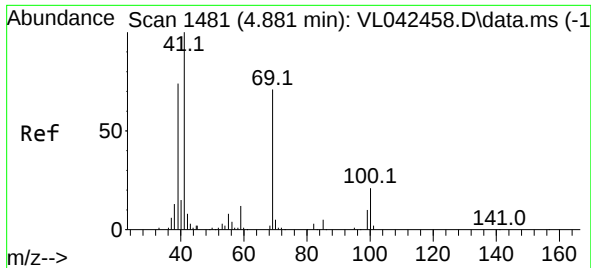


#42
Bromodichloromethane
Concen: 0.491 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. 0.020 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



Tgt Ion: 83 Resp: 7872
Ion Ratio Lower Upper
83 100
85 55.7 51.5 77.3
127 7.1 5.4 8.2





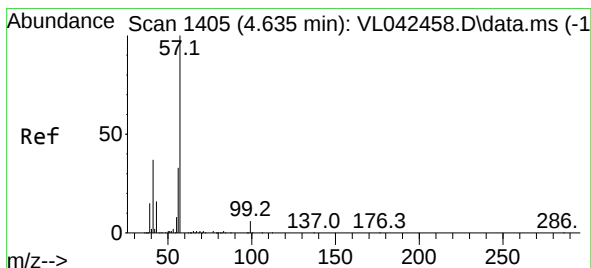
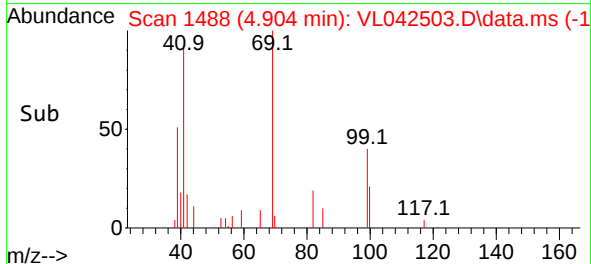
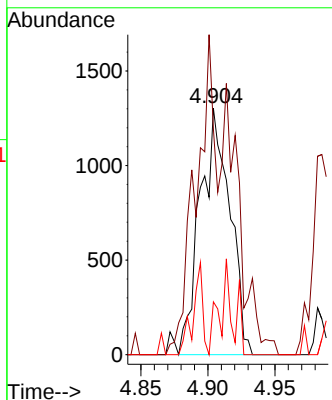
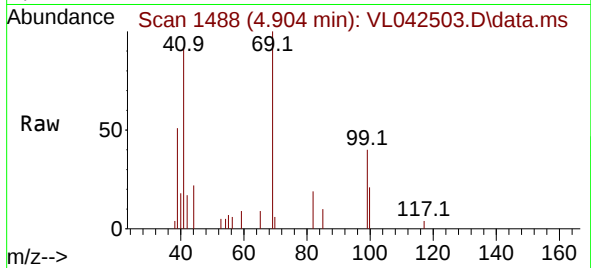
#43
Methyl Methacrylate
Concen: 0.317 ppbv m
RT: 4.904 min Scan# 1410
Delta R.T. 0.023 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 69 Resp: 2010
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2
100 0.0 26.7 40.1

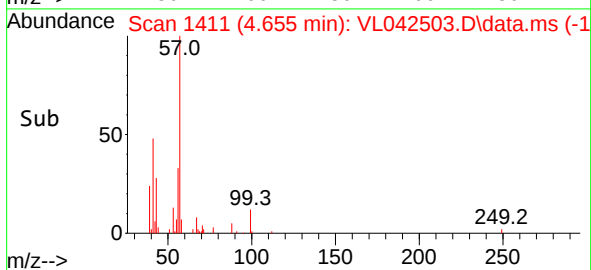
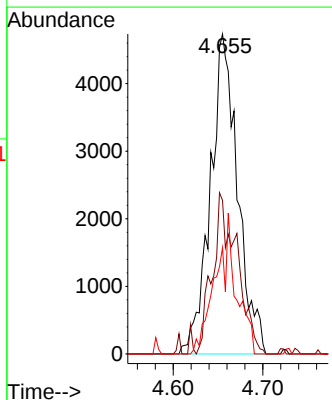
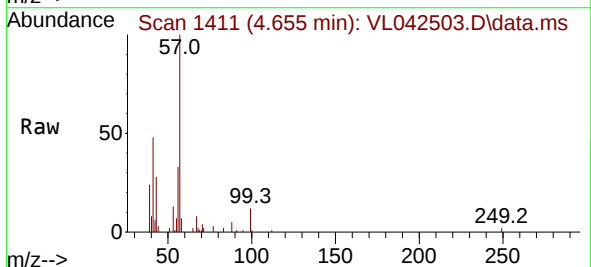
Manual Integrations
APPROVED

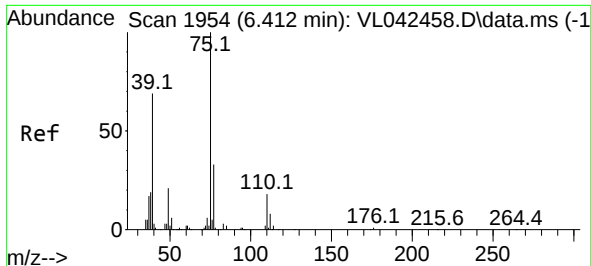
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
2,2,4-Trimethylpentane
Concen: 0.363 ppbv m
RT: 4.655 min Scan# 1411
Delta R.T. 0.020 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

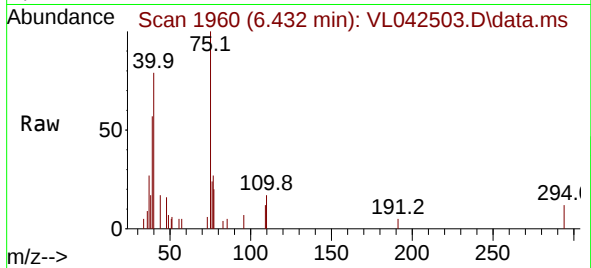
Tgt Ion: 57 Resp: 10016
Ion Ratio Lower Upper
57 100
41 47.2 30.6 45.8
56 33.1 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 0.312 ppbv m
RT: 6.432 min Scan# 1954
Delta R.T. 0.020 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

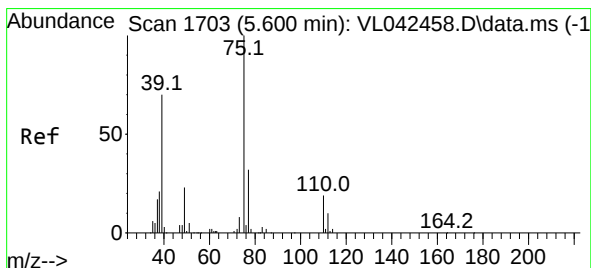
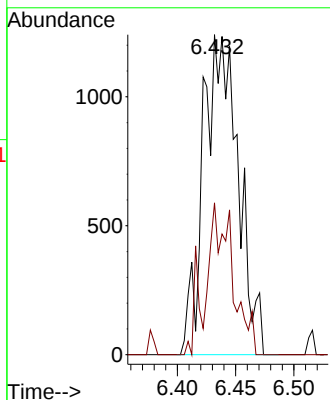
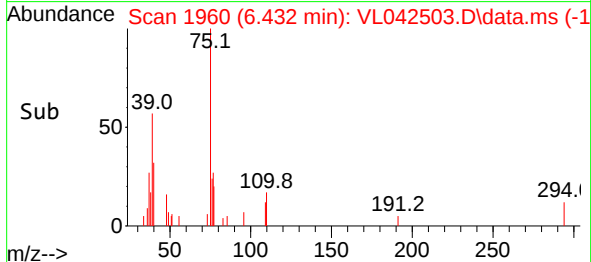
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 75 Resp: 2599
Ion Ratio Lower Upper
75 100
77 27.3 26.3 39.5

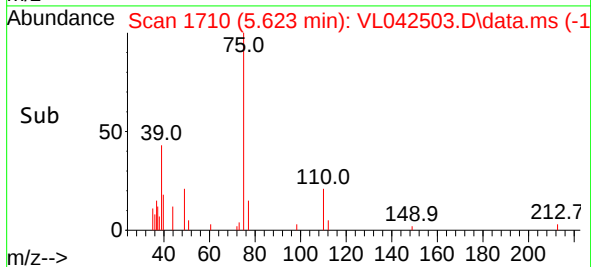
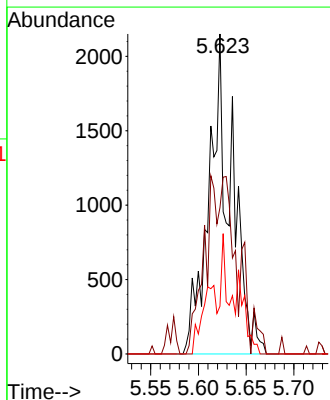
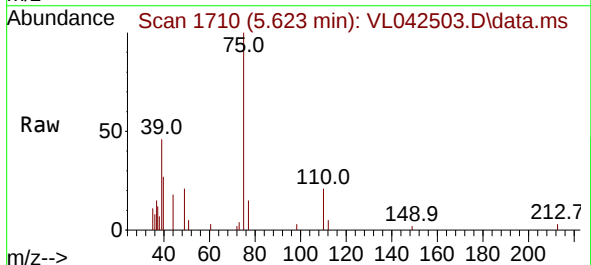
Manual Integrations
APPROVED

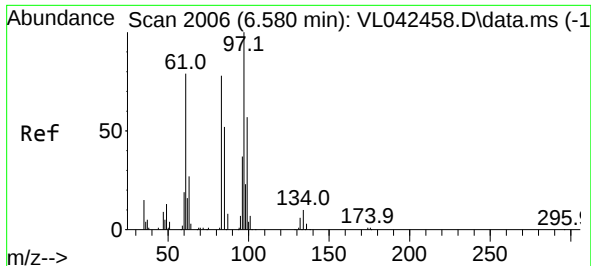
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#46
cis-1,3-Dichloropropene
Concen: 0.357 ppbv m
RT: 5.623 min Scan# 1710
Delta R.T. 0.023 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

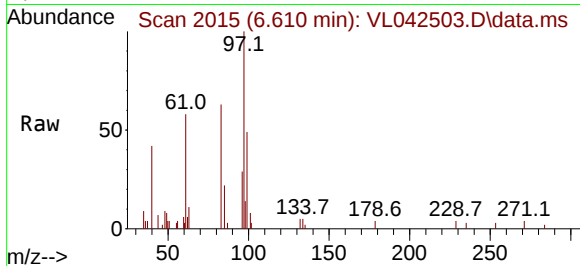
Tgt Ion: 75 Resp: 3534
Ion Ratio Lower Upper
75 100
39 45.7 55.7 83.5#
77 14.9 25.8 38.8#





#47
1,1,2-Trichloroethane
Concen: 0.589 ppbv m
RT: 6.610 min Scan# 2006
Delta R.T. 0.030 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

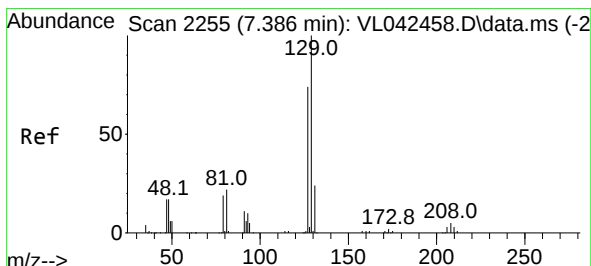
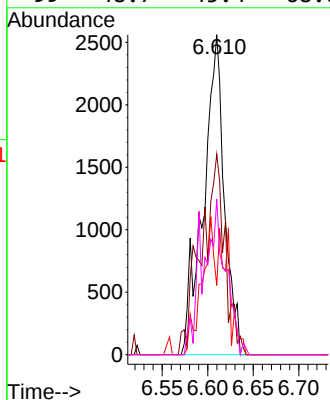
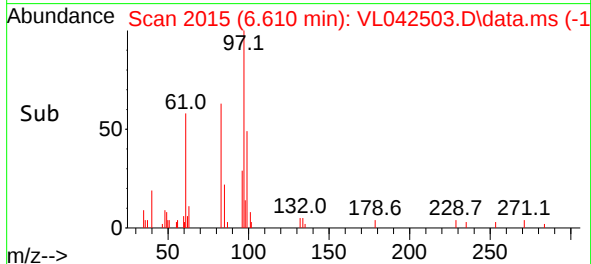
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 97 Resp: 411
Ion Ratio Lower Upper
97 100
83 62.7 62.2 93.2
85 21.7 41.5 62.3
99 48.7 45.4 68.0

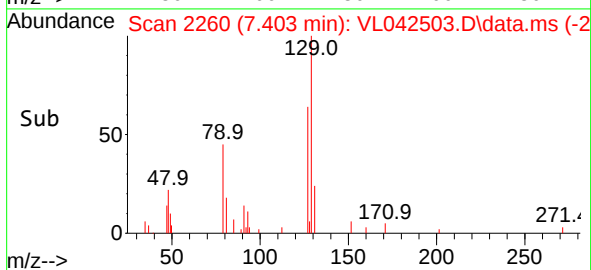
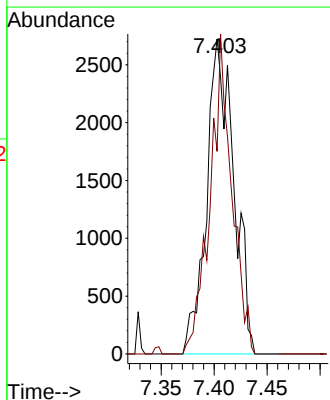
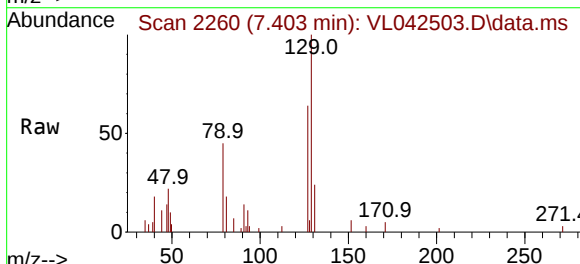
Manual Integrations
APPROVED

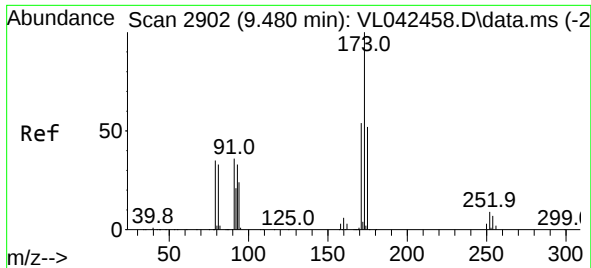
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Dibromochloromethane
Concen: 0.412 ppbv m
RT: 7.403 min Scan# 2260
Delta R.T. 0.017 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:129 Resp: 4854
Ion Ratio Lower Upper
129 100
127 0.0 39.5 118.5#





#49

Bromoform

Concen: 0.421 ppbv m

RT: 9.503 min Scan# 2902

Delta R.T. 0.023 min

Lab File: VL042503.D

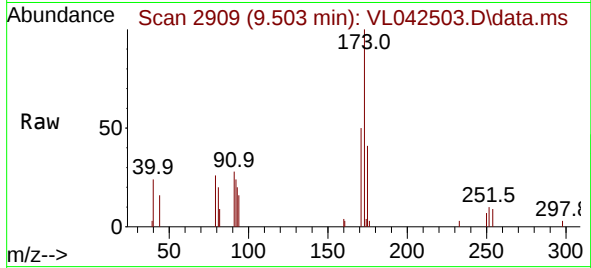
Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40



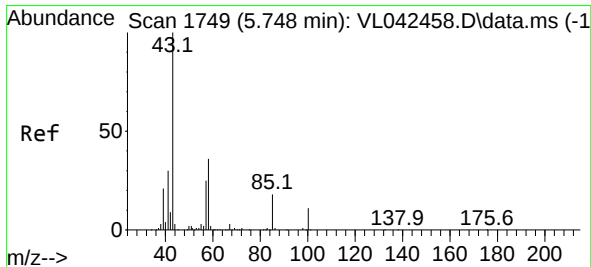
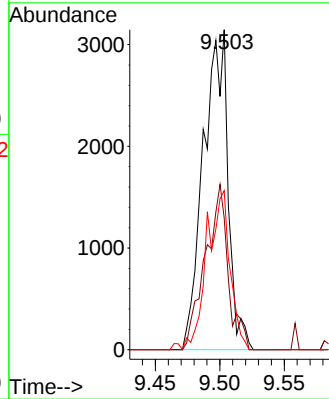
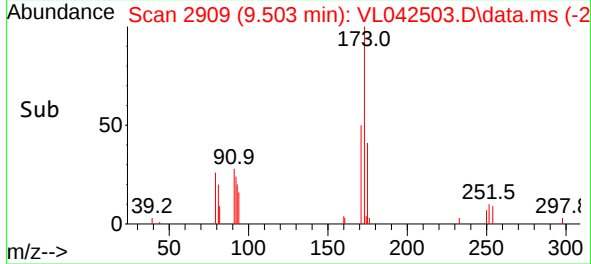
Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.9	58.3
171	0.0	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#50

4-Methyl-2-Pentanone

Concen: 0.365 ppbv m

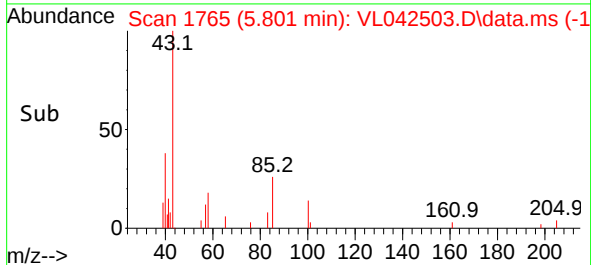
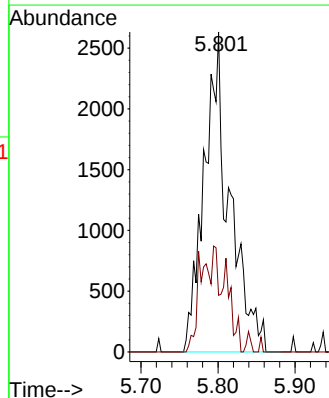
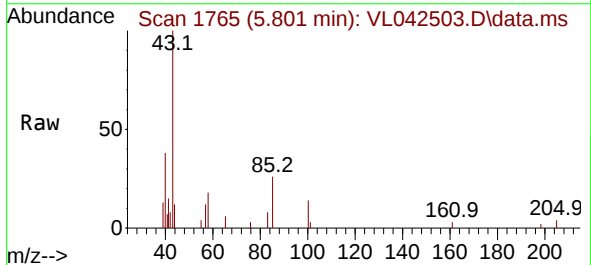
RT: 5.801 min Scan# 1765

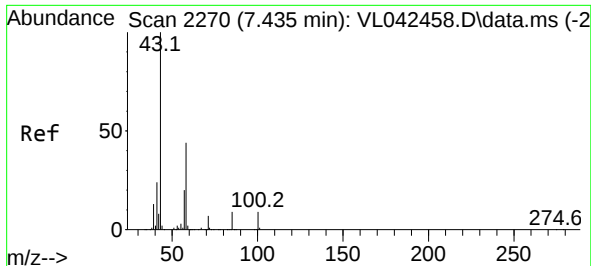
Delta R.T. 0.052 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

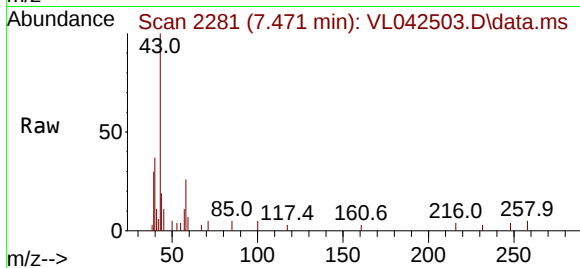
Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.5	44.3





#51
2-Hexanone
Concen: 0.310 ppbv m
RT: 7.471 min Scan# 21
Delta R.T. 0.036 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

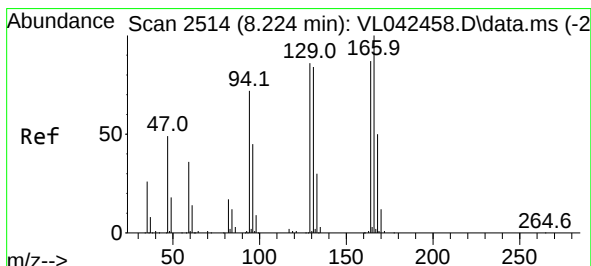
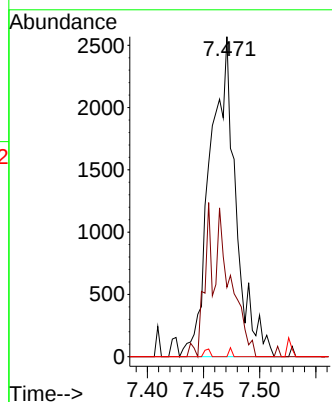
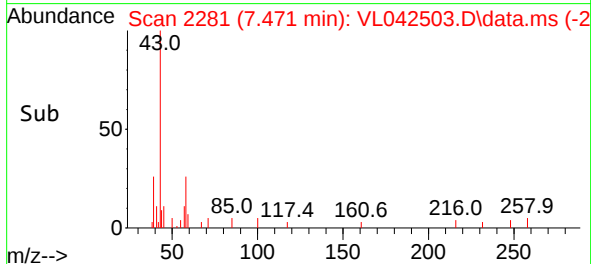
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8
98 0.0 0.4 0.6

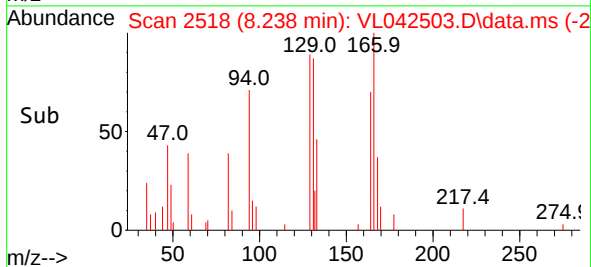
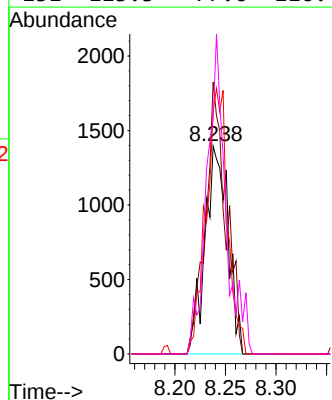
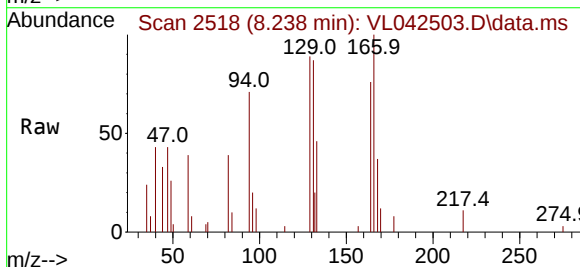
Manual Integrations
APPROVED

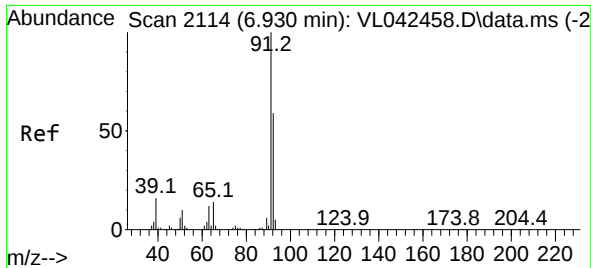
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#52
Tetrachloroethene
Concen: 0.343 ppbv m
RT: 8.238 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

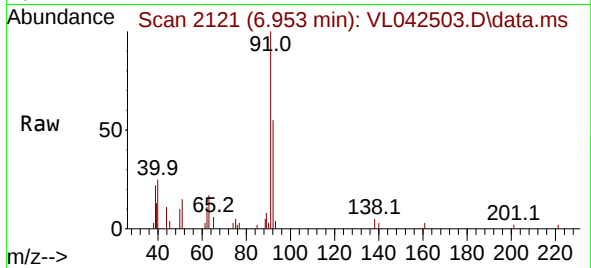
Tgt Ion:164 Resp: 2219
Ion Ratio Lower Upper
164 100
166 130.9 91.6 137.4
129 117.1 79.0 118.4
131 113.3 77.6 116.4





#53
Toluene
Concen: 0.282 ppbv m
RT: 6.953 min Scan# 2114
Delta R.T. 0.023 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

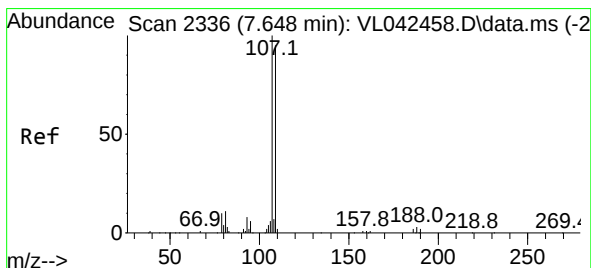
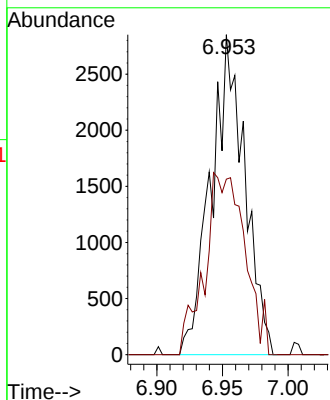
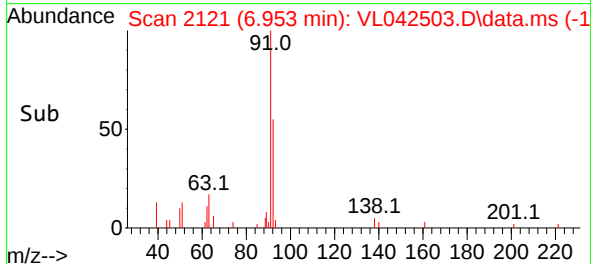
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



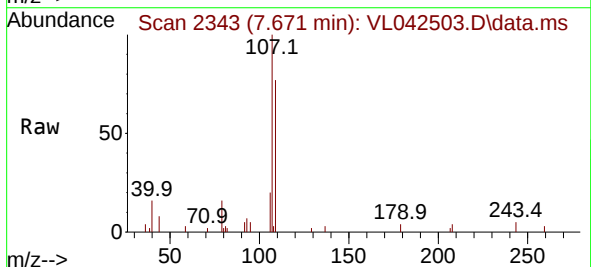
Tgt Ion: 91 Resp: 508
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9

Manual Integrations
APPROVED

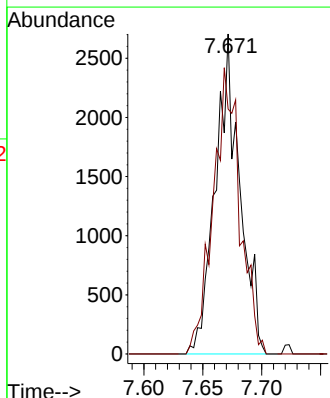
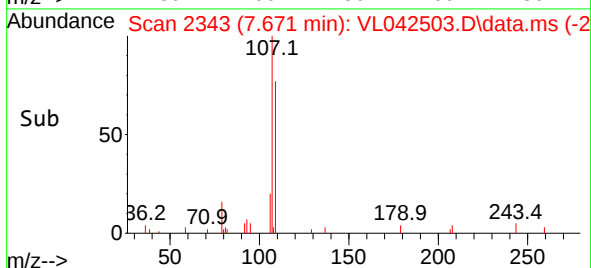
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

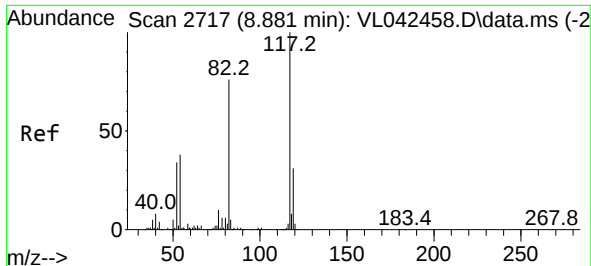


#54
1,2-Dibromoethane
Concen: 0.366 ppbv m
RT: 7.671 min Scan# 2343
Delta R.T. 0.023 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



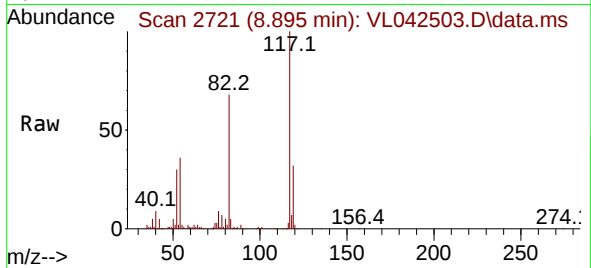
Tgt Ion:107 Resp: 3912
Ion Ratio Lower Upper
107 100
109 76.5 76.0 114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2717
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

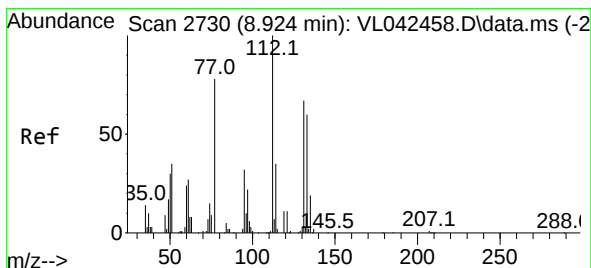
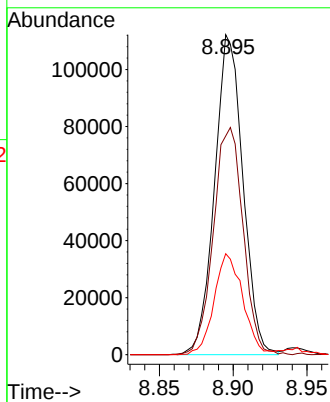
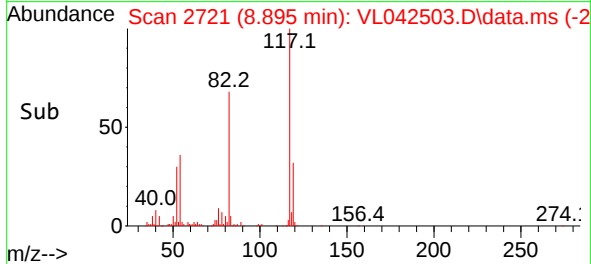
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



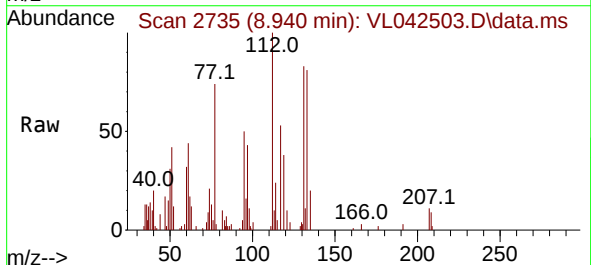
Tgt Ion:117 Resp: 149930
Ion Ratio Lower Upper
117 100
82 74.6 63.5 95.3
119 33.7 25.8 38.8

Manual Integrations
APPROVED

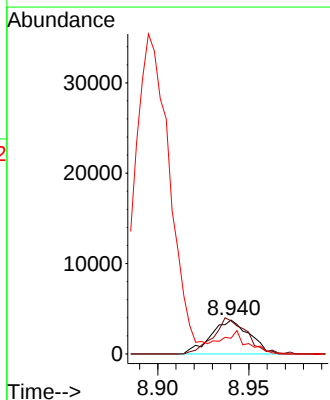
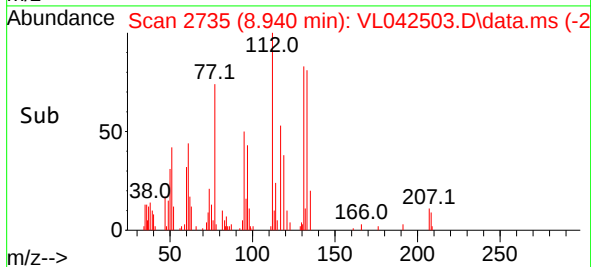
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.621 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.017 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



Tgt Ion:131 Resp: 5499
Ion Ratio Lower Upper
131 100
133 92.9 76.0 114.0
119 920.1 46.1 69.1#





#57

Chlorobenzene

Concen: 0.491 ppbv m

RT: 8.930 min Scan# 2729

Delta R.T. 0.010 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

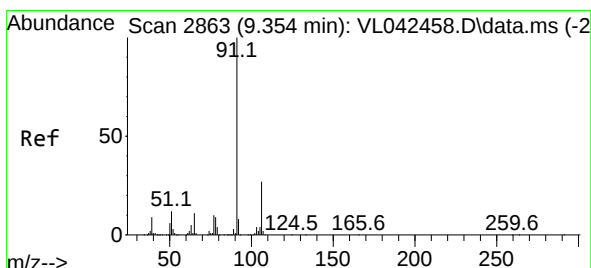
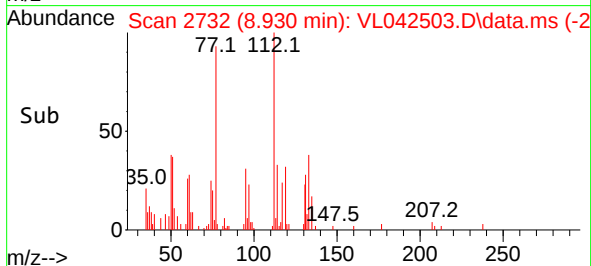
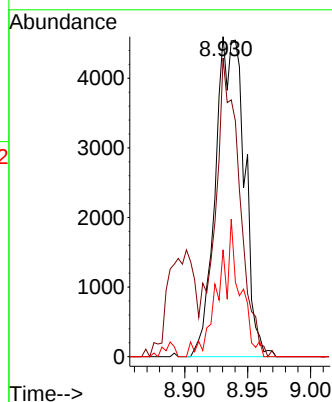
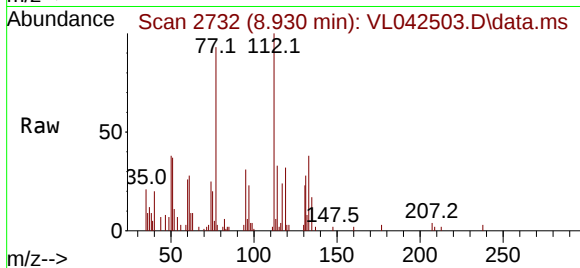
MDL3 0.40

Tgt Ion:	112	Resp:	739
Ion	Ratio	Lower	Upper
112	100		
77	93.3	65.0	97.4
114	33.4	27.5	33.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58

Ethyl Benzene

Concen: 0.289 ppbv m

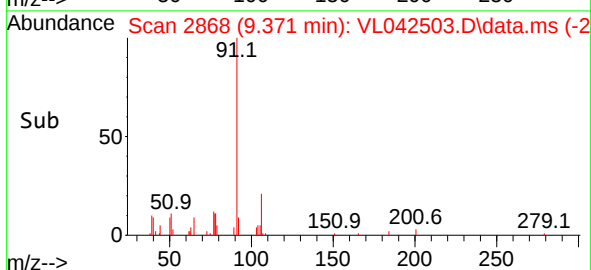
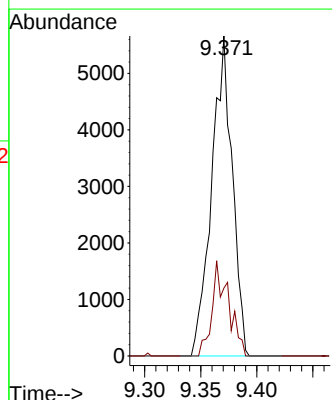
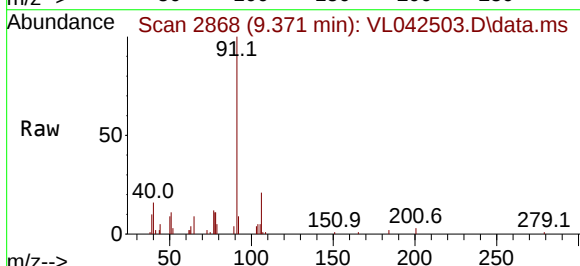
RT: 9.371 min Scan# 2868

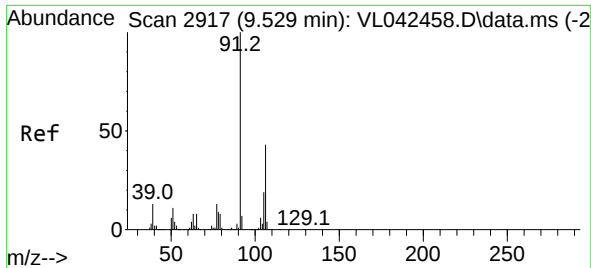
Delta R.T. 0.017 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Tgt Ion:	91	Resp:	7245
Ion	Ratio	Lower	Upper
91	100		
106	21.2	21.9	32.9





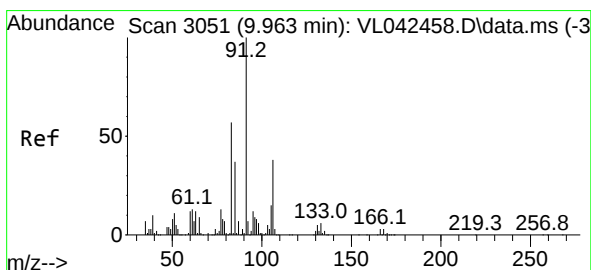
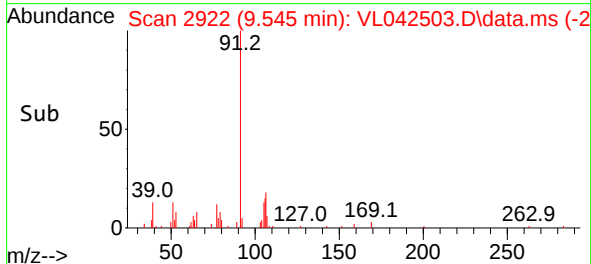
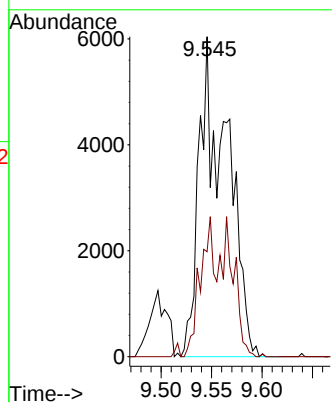
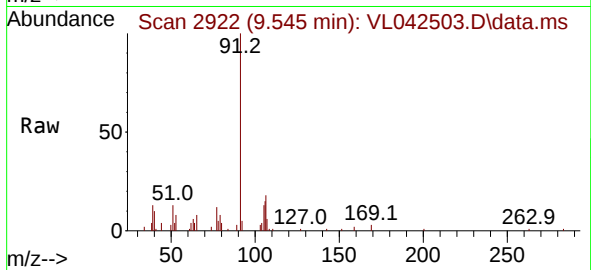
#59
m/p-Xylene
Concen: 0.555 ppbv m
RT: 9.545 min Scan# 2917
Delta R.T. 0.017 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 91 Resp: 1165
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2

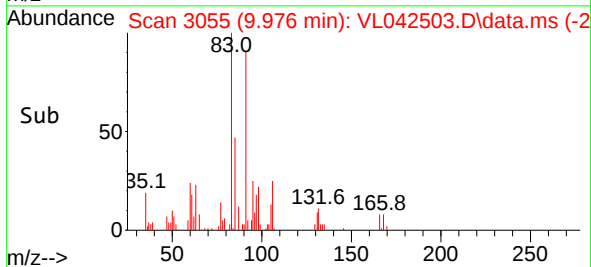
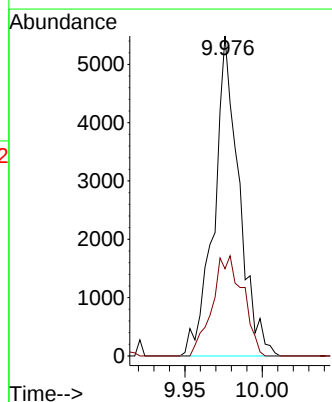
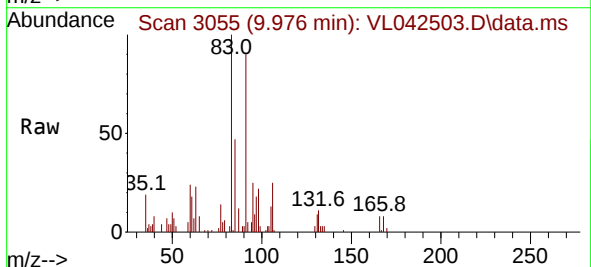
Manual Integrations
APPROVED

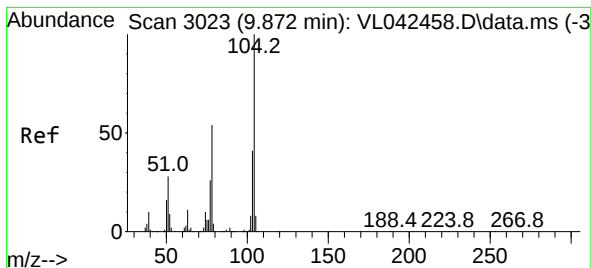
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#60
o-Xylene
Concen: 0.293 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 91 Resp: 6164
Ion Ratio Lower Upper
91 100
106 38.5 20.1 60.2





#61

Styrene

Concen: 0.317 ppbv m

RT: 9.885 min Scan# 3023

Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

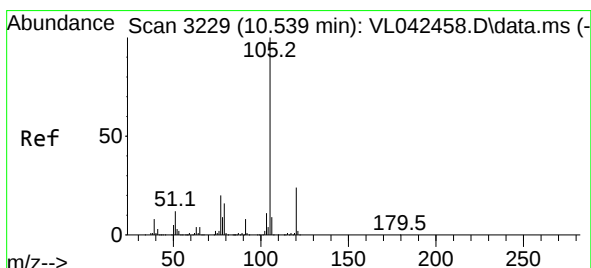
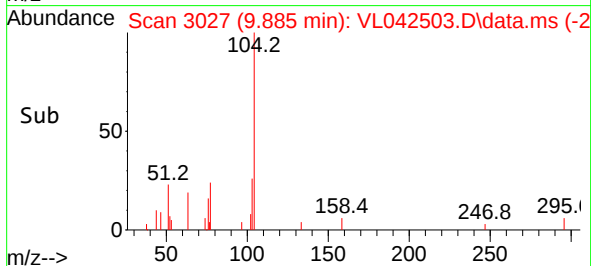
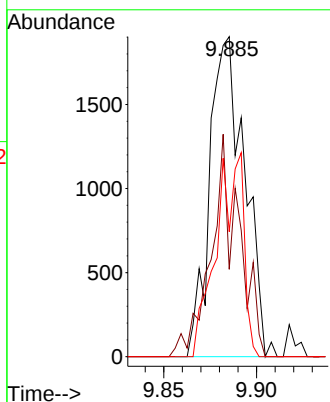
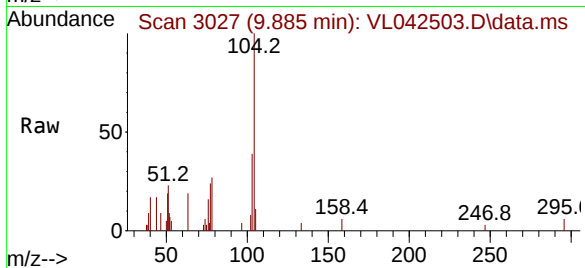
MDL3 0.40

Tgt Ion:104	Resp:	2490
Ion Ratio	Lower	Upper
104	100	
78	55.7	46.9 70.3
103	49.8	36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62

Isopropylbenzene

Concen: 0.325 ppbv

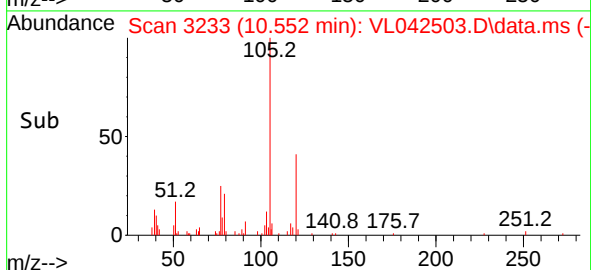
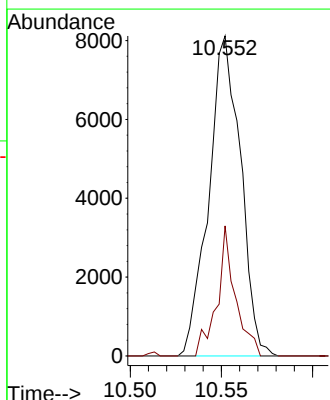
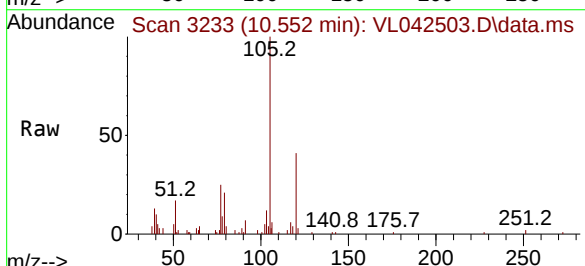
RT: 10.552 min Scan# 3233

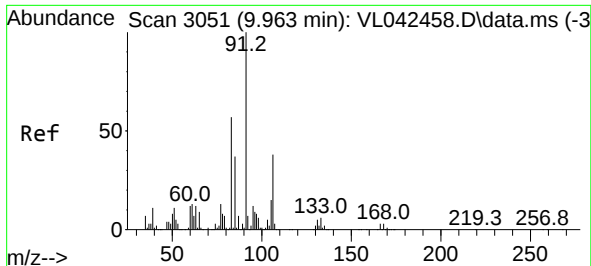
Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

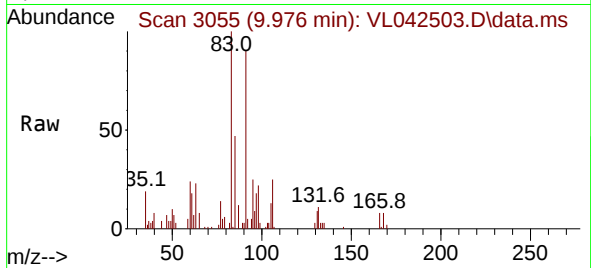
Tgt Ion:105	Resp:	9869
Ion Ratio	Lower	Upper
105	100	
120	23.6	18.8 28.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.496 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

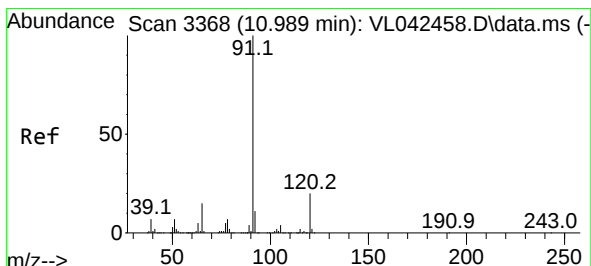
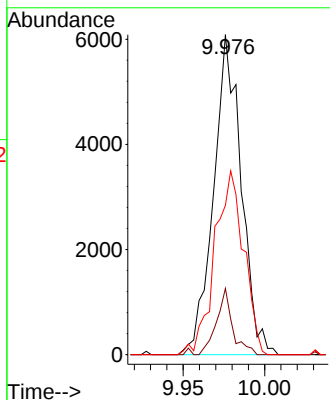
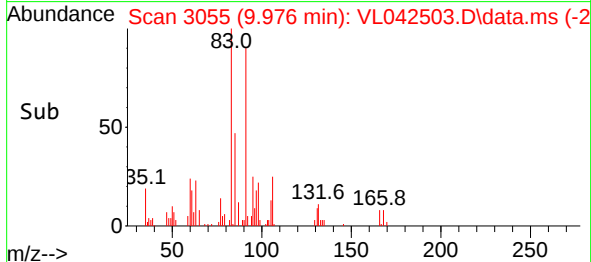
Instrument : MSVOA_L
ClientSampleId : MDL3 0.40



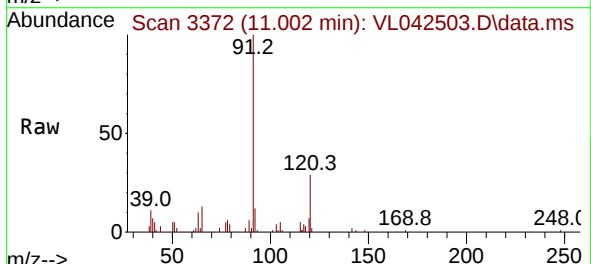
Tgt Ion: 83 Resp: 718
Ion Ratio Lower Upper
83 100
131 12.4 4.7 14.1
85 60.3 32.5 97.4

Manual Integrations
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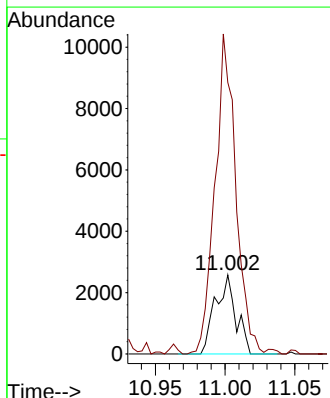
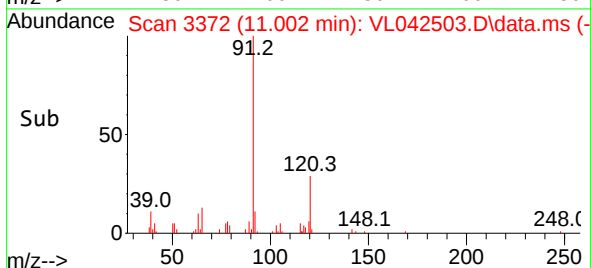
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

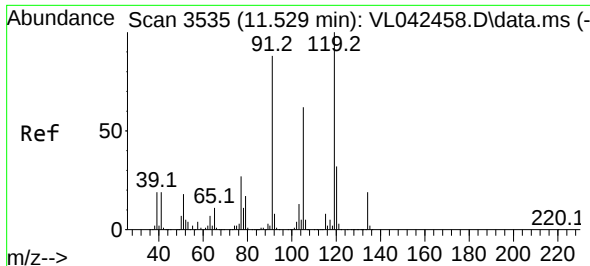


#64
n-propylbenzene
Concen: 0.357 ppbv m
RT: 11.002 min Scan# 3372
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



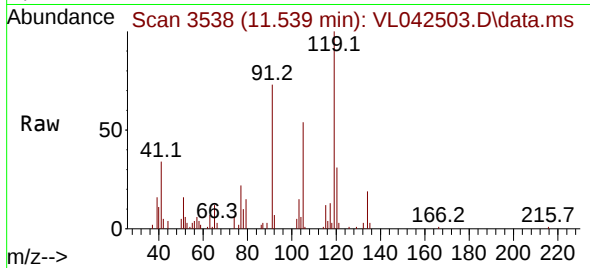
Tgt Ion:120 Resp: 2644
Ion Ratio Lower Upper
120 100
91 414.2 408.6 612.8





#65
tert-Butylbenzene
Concen: 0.260 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

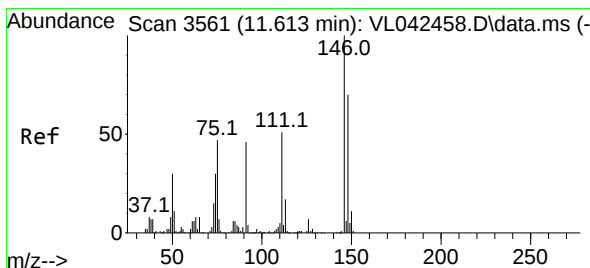
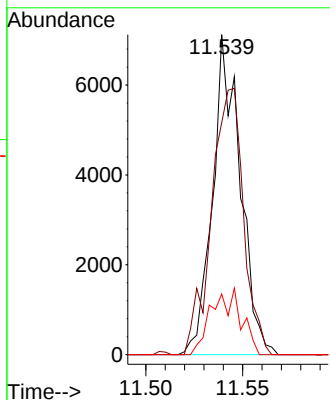
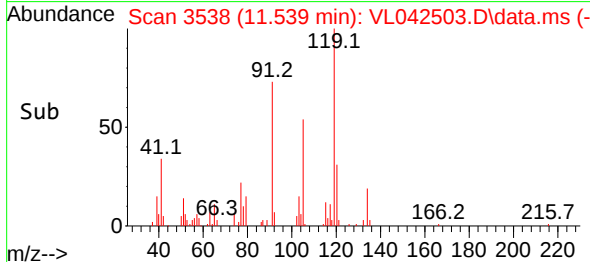
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



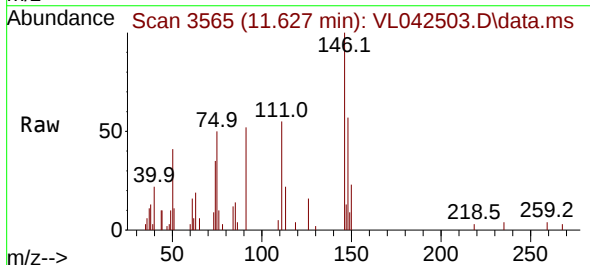
Tgt Ion: 119 Resp: 704
Ion Ratio Lower Upper
119 100
91 97.3 71.6 107.4
134 22.3 15.0 22.4

Manual Integrations
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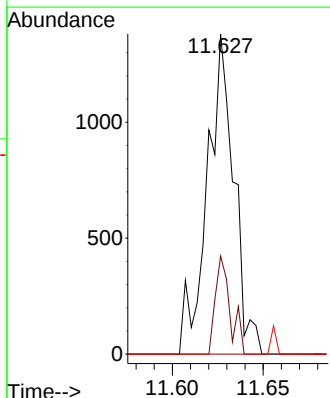
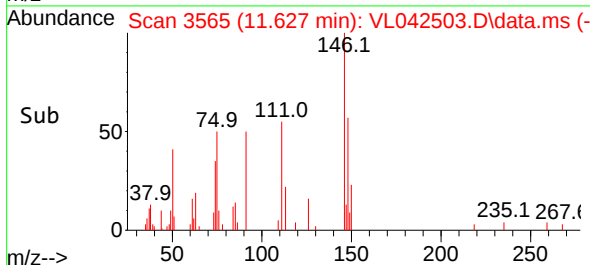
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

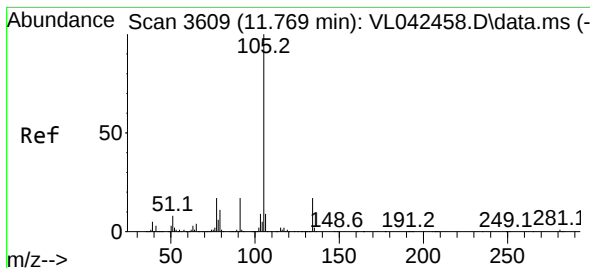


#66
Benzyl Chloride
Concen: 0.450 ppbv m
RT: 11.627 min Scan# 3565
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



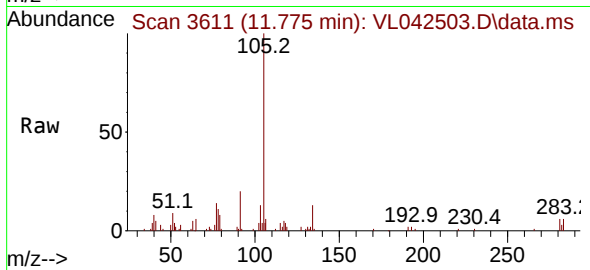
Tgt Ion: 91 Resp: 1408
Ion Ratio Lower Upper
91 100
126 17.1 13.3 19.9
128 1.7 4.2 6.4#





#67
 sec-Butylbenzene
 Concen: 0.313 ppbv
 RT: 11.775 min Scan# 3609
 Delta R.T. 0.007 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

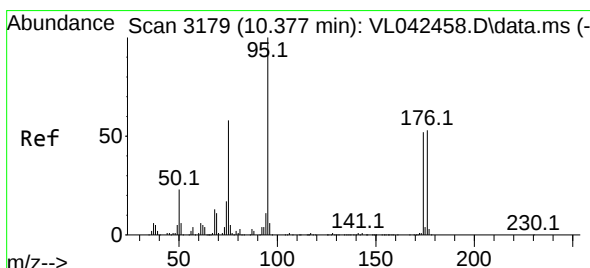
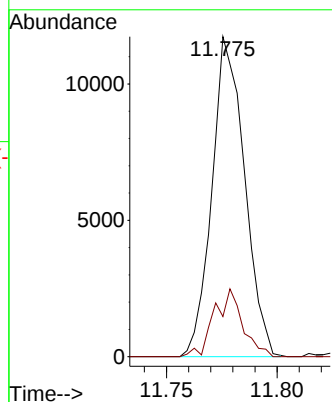
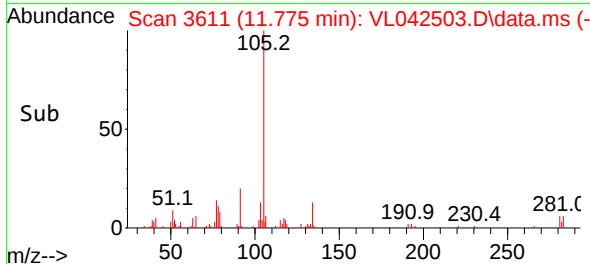
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



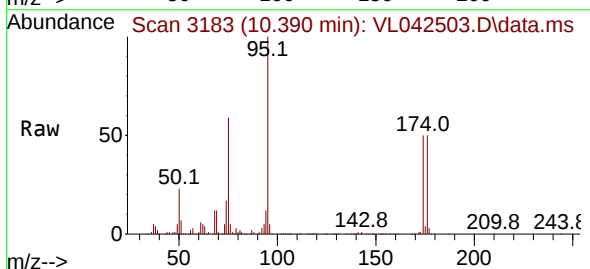
Tgt Ion: 105 Resp: 1204
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.1 21.1

Manual Integrations
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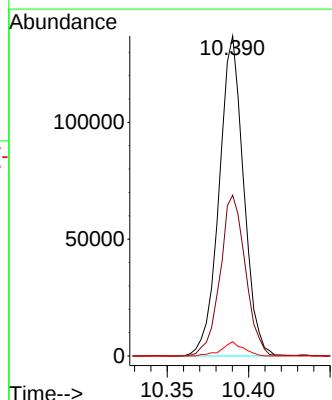
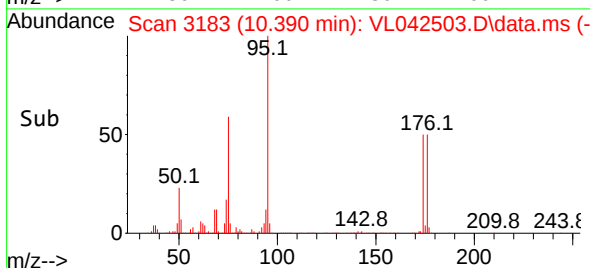
Reviewed By : Semsettin Yesilyurt 05/07/2025
 Supervised By : Mahesh Dadoda 05/09/2025

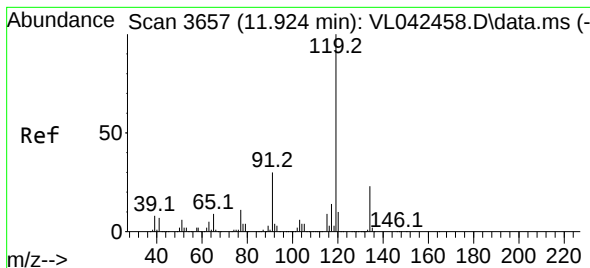


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.268 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.013 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39



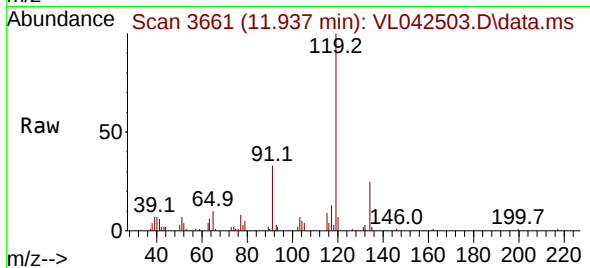
Tgt Ion: 95 Resp: 142737
 Ion Ratio Lower Upper
 95 100
 174 52.4 42.7 64.1
 175 4.0 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.282 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

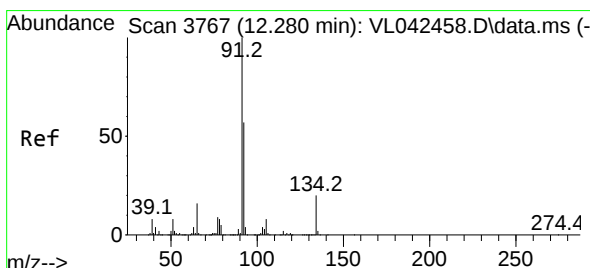
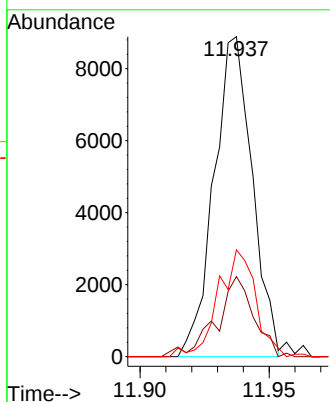
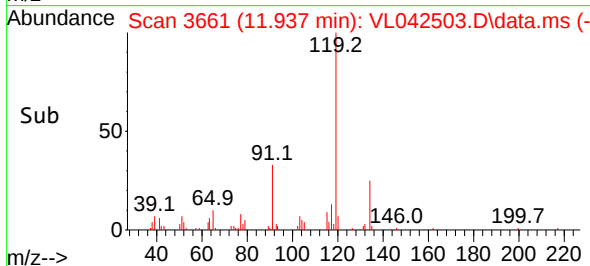
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



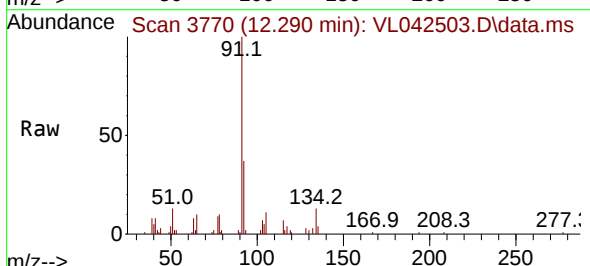
Tgt Ion: 119 Resp: 9149
Ion Ratio Lower Upper
119 100
134 24.5 19.0 28.4
91 32.7 25.5 38.3

Manual Integrations
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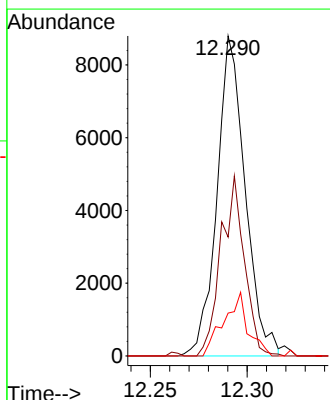
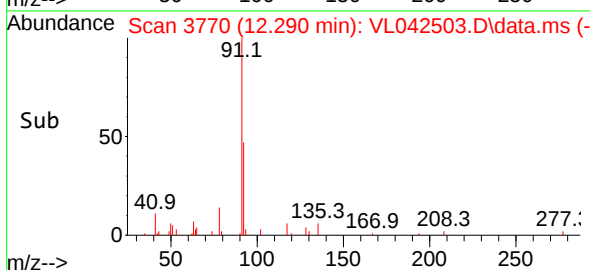
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

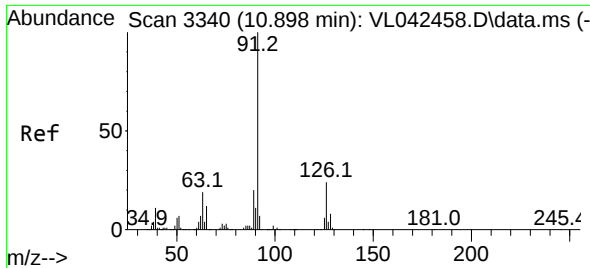


#70
n-Butylbenzene
Concen: 0.266 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



Tgt Ion: 91 Resp: 8909
Ion Ratio Lower Upper
91 100
92 47.3 44.0 66.0
134 17.4 16.8 25.2





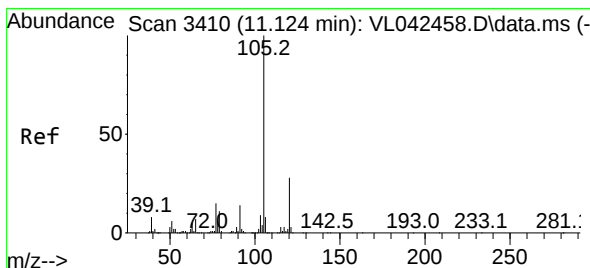
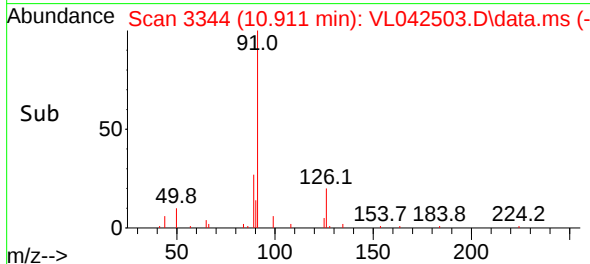
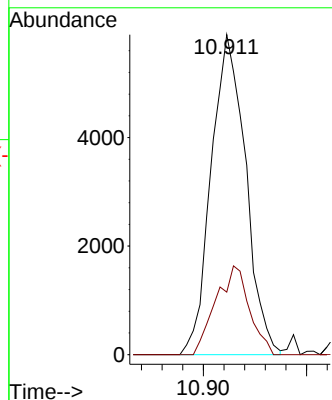
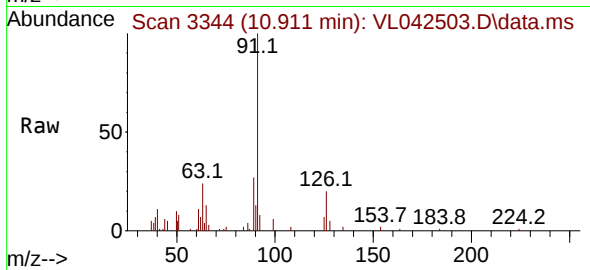
#71
2-Chlorotoluene
Concen: 0.287 ppbv
RT: 10.911 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 91 Resp: 6834
Ion Ratio Lower Upper
91 100
126 27.0 10.6 42.2

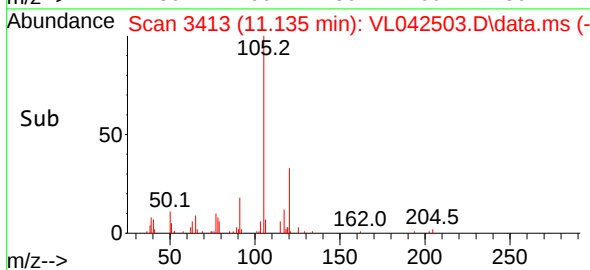
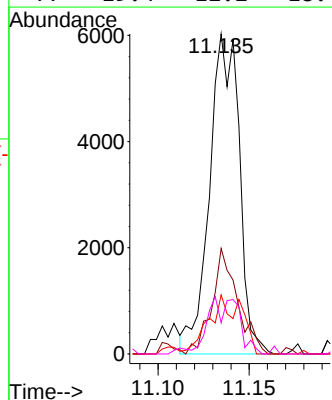
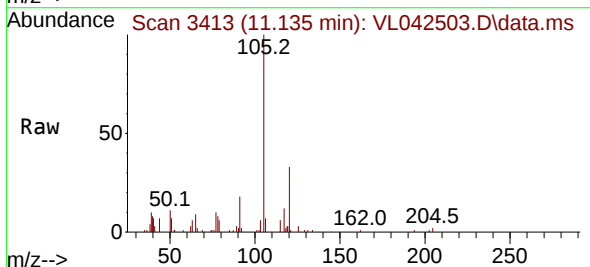
Manual Integrations
APPROVED

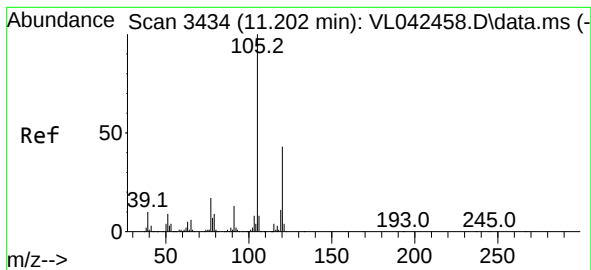
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 0.276 ppbv
RT: 11.135 min Scan# 3413
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:105 Resp: 6847
Ion Ratio Lower Upper
105 100
120 30.5 22.0 33.0
91 21.0 11.2 16.8#
77 19.4 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.280 ppbv

RT: 11.216 min Scan# 3434

Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

Tgt Ion:105 Resp: 6110

Ion Ratio Lower Upper

105 100

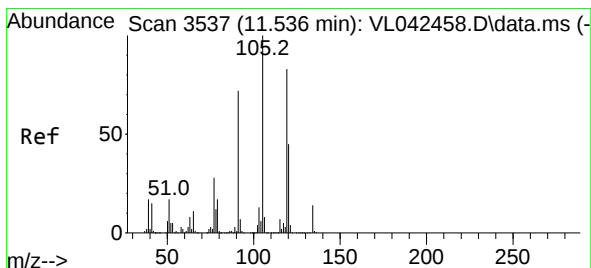
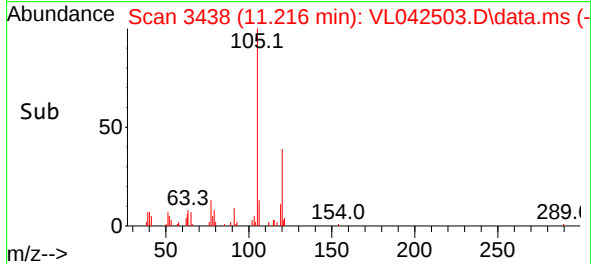
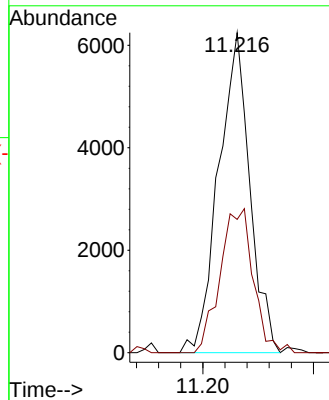
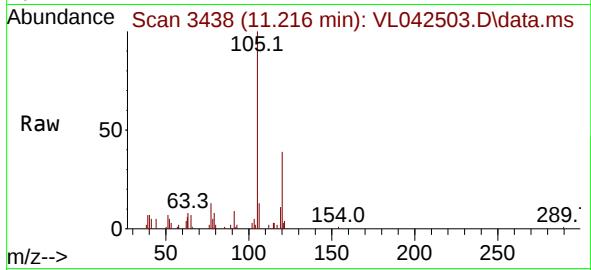
120 41.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.295 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Tgt Ion:105 Resp: 7792

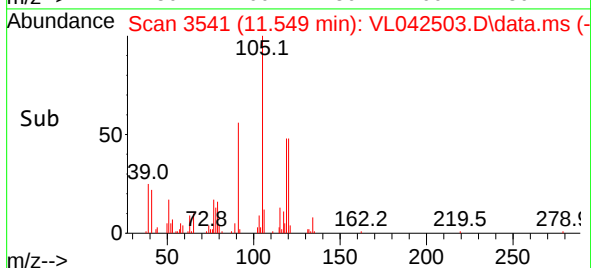
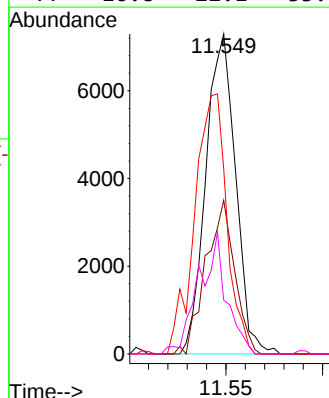
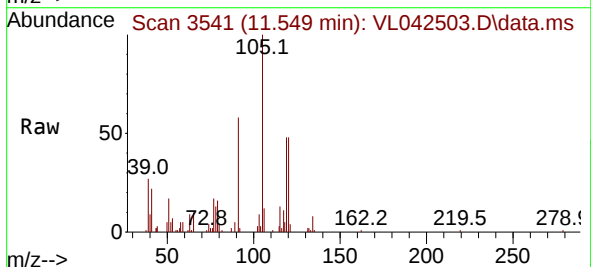
Ion Ratio Lower Upper

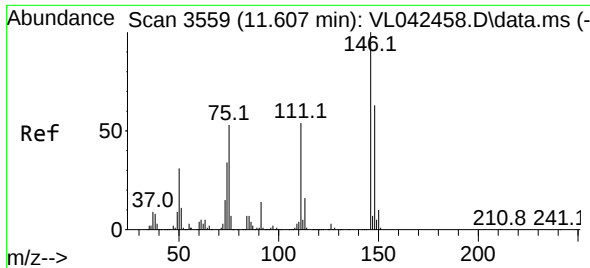
105 100

120 48.0 36.1 54.1

91 57.9 57.6 86.4

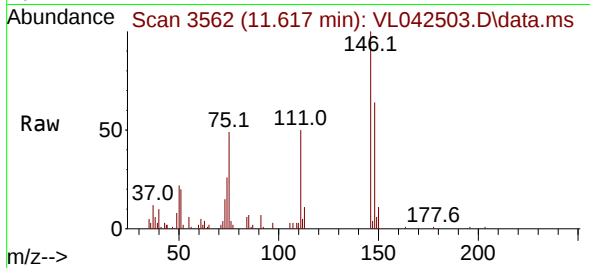
77 16.8 22.1 33.1#





#75
1,3-Dichlorobenzene
Concen: 0.403 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

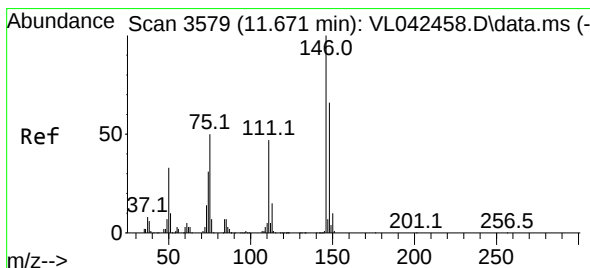
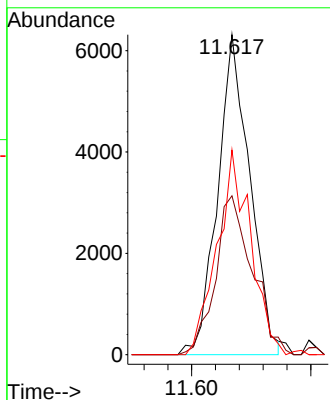
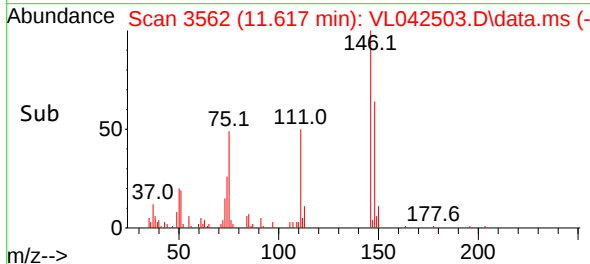
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



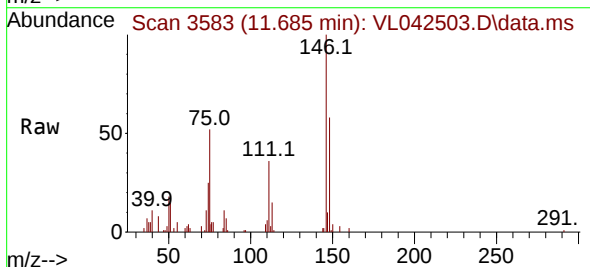
Tgt Ion:146 Resp: 5925
Ion Ratio Lower Upper
146 100
111 57.9 26.1 78.3
148 67.3 32.0 96.0

Manual Integrations
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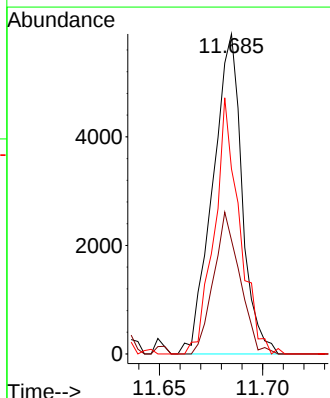
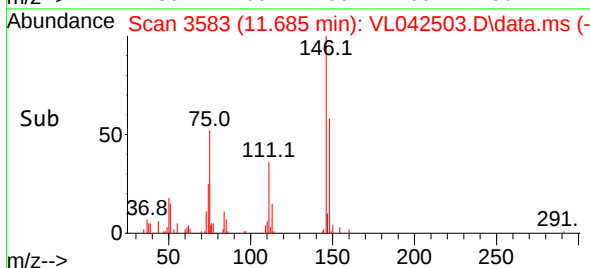
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

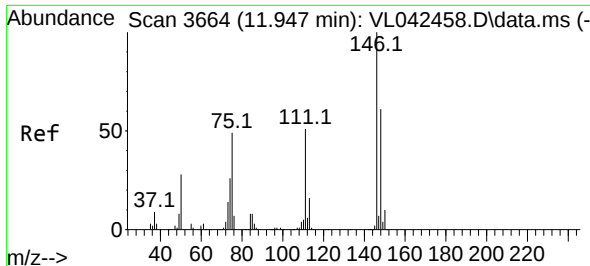


#76
1,4-Dichlorobenzene
Concen: 0.418 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



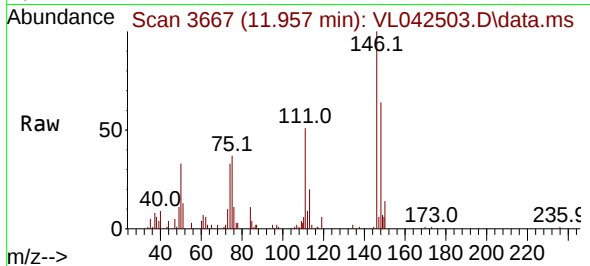
Tgt Ion:146 Resp: 5815
Ion Ratio Lower Upper
146 100
111 39.6 24.4 73.2
148 68.3 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 0.490 ppbv
RT: 11.957 min Scan# 3667
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

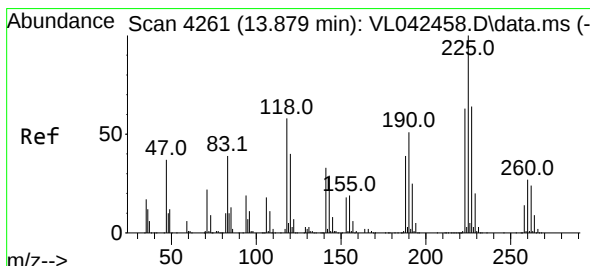
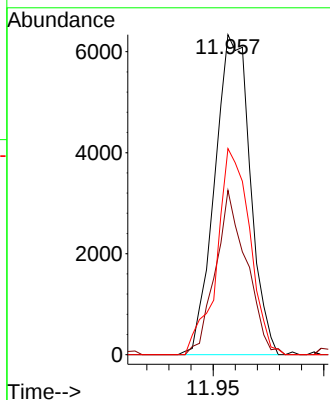
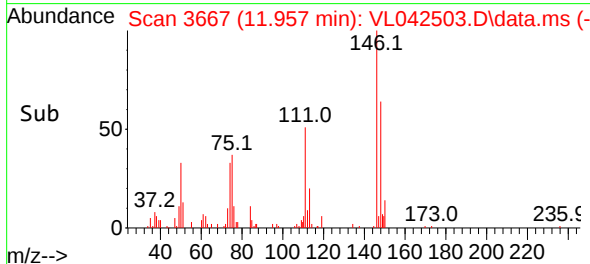
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



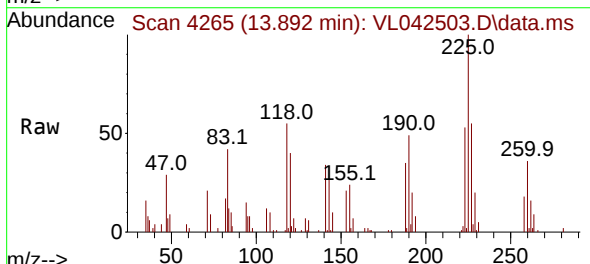
Tgt Ion:146 Resp: 7040
Ion Ratio Lower Upper
146 100
111 46.0 26.5 79.5
148 60.0 31.5 94.5

Manual Integrations
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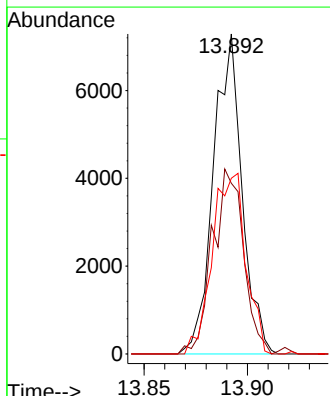
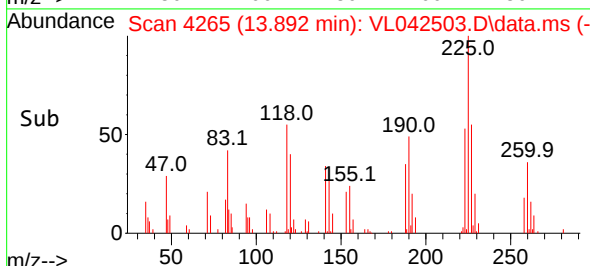
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

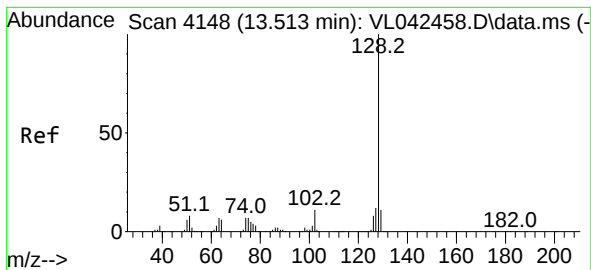


#78
Hexachloro-1,3-Butadiene
Concen: 0.489 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



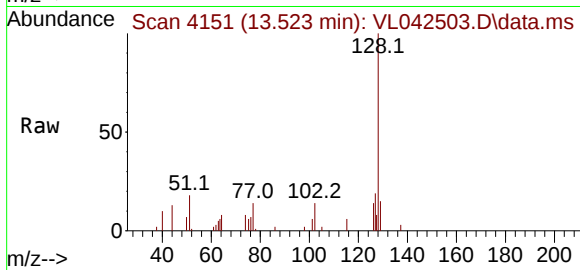
Tgt Ion:225 Resp: 7019
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 66.2 51.2 76.8





#79
Naphthalene
Concen: 0.212 ppbv m
RT: 13.523 min Scan# 4148
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

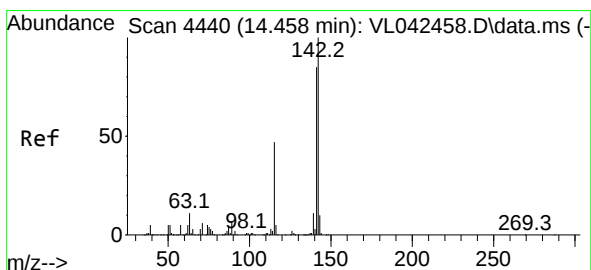
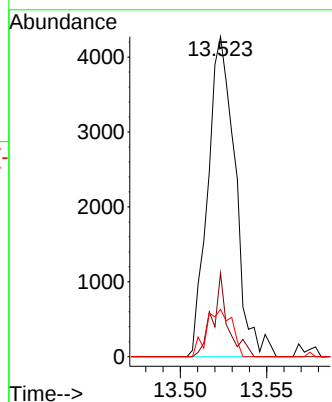
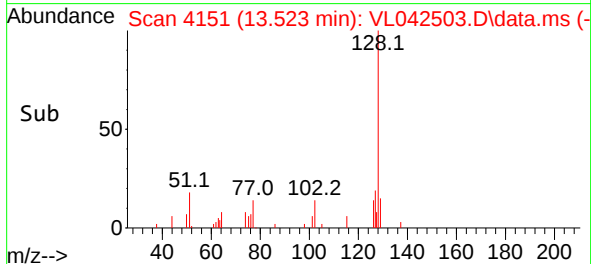
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



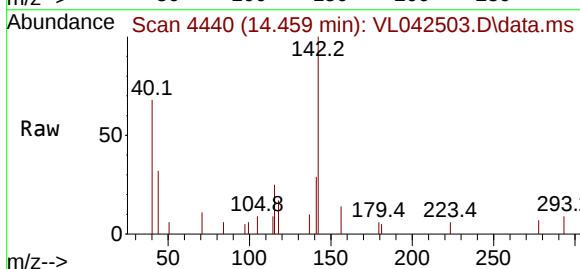
Tgt Ion:128 Resp: 4704
Ion Ratio Lower Upper
128 100
127 18.6 9.7 14.5
129 14.8 8.6 13.0

Manual Integrations
APPROVED

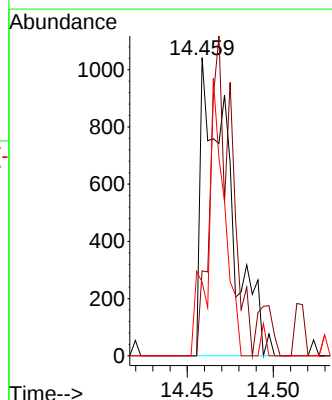
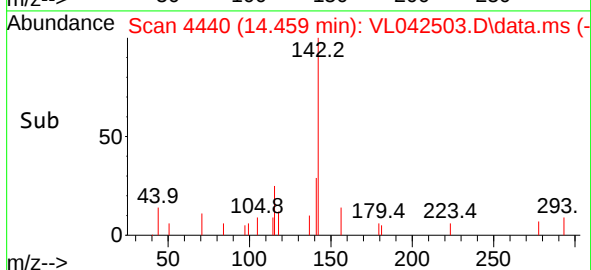
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

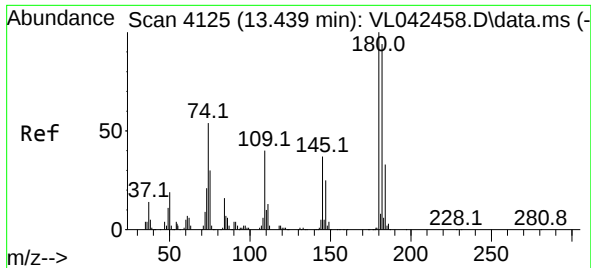


#80
Naphthalene,2-methyl-
Concen: 0.073 ppbv
RT: 14.459 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39



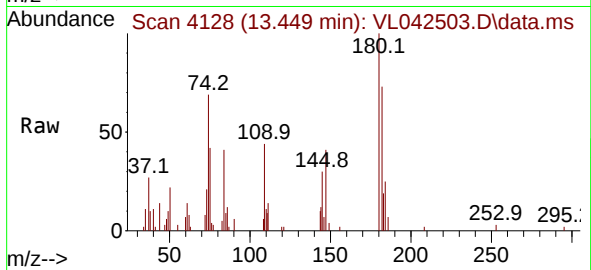
Tgt Ion:142 Resp: 1201
Ion Ratio Lower Upper
142 100
141 95.7 67.4 101.0
115 56.7 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.228 ppbv
 RT: 13.449 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	74.6	111.8
184	33.5	24.9	37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

