

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042501.D
 Acq On : 06 May 2025 17:36
 Operator : SY/MD
 Sample : MDL1 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

Quant Time: May 07 01:44:04 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	2.793	49	63755	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	169190	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	142966	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 136275 10.281 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	6202	0.588	ppbv	98
3) Chlorodifluoromethane	1.479	51	5969	0.535	ppbv	96
4) Chloromethane	1.534	50	2663	0.604	ppbv	94
5) Vinyl Chloride	1.583	62	1999	0.450	ppbv #	81
6) Bromomethane	1.670	94	1468	0.700	ppbv	100
7) Chloroethane	1.706	64	1025	0.625	ppbv #	86
8) Dichlorotetrafluoroethane	1.557	85	5338	0.614	ppbv	100
9) Propene	1.486	41	1278m	0.350	ppbv	
10) Heptane	4.988	43	3274m	0.346	ppbv	
11) Trichlorofluoromethane	1.881	101	5626m	0.578	ppbv	
12) 1,1,2-Trichlorotrifluo...	2.143	101	4401	0.566	ppbv	96
13) Ethanol	1.725	45	655	0.885	ppbv	99
14) Bromoethene	1.784	108	1333	0.464	ppbv #	84
15) Acetone	1.839	43	8217	0.706	ppbv	96
16) 1,3-Butadiene	1.612	39	2927	0.570	ppbv	98
17) tert-Butyl alcohol	2.046	59	4951	0.483	ppbv #	85
18) 1,1-Dichloroethene	2.036	96	1866	0.514	ppbv #	71
19) Isopropyl Alcohol	1.890	45	3443	0.535	ppbv #	85
20) Methylene Chloride	2.065	84	2420	0.692	ppbv	93
21) Allyl Chloride	2.101	41	4119	0.550	ppbv #	80
22) trans-1,2-Dichloroethene	2.344	96	2714	0.640	ppbv	83
23) Vinyl Acetate	2.467	43	4599	0.414	ppbv #	75
24) 1,1-Dichloroethane	2.415	63	4574	0.529	ppbv #	93
25) Ethyl Acetate	2.852	43	6043	0.324	ppbv #	90
26) Hexane	2.832	57	2471	0.304	ppbv #	59
27) Carbon Disulfide	2.153	76	4925	0.520	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	2200	0.451	ppbv #	76
29) Chloroform	2.858	83	7970	0.524	ppbv	89
30) Cyclohexane	3.855	84	2607m	0.384	ppbv	
31) cis-1,2-Dichloroethene	2.729	61	3354m	0.354	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	7719	0.468	ppbv	98
34) 2-Butanone	2.564	43	4877	0.399	ppbv #	90
35) Carbon Tetrachloride	3.771	117	8394m	0.546	ppbv	
36) Benzene	3.664	78	6282	0.393	ppbv #	90
37) 1,2-Dichloroethane	3.224	62	5997	0.487	ppbv	100
38) Trichloroethene	4.564	130	2873m	0.472	ppbv	
39) 1,2-Dichloropropane	4.334	63	3207m	0.537	ppbv	
40) 1,4-Dioxane	4.612	88	916m	0.327	ppbv	
41) Tetrahydrofuran	3.072	42	2283m	0.393	ppbv	
42) Bromodichloromethane	4.493	83	7527m	0.501	ppbv	
43) Methyl Methacrylate	4.891	69	2157m	0.362	ppbv	
44) 2,2,4-Trimethylpentane	4.648	57	9388m	0.363	ppbv	
45) t-1,3-Dichloropropene	6.431	75	2391m	0.306	ppbv	

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 Sample : MDL1 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

Manual Integrations
 APPROVED

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

Quant Time: May 07 01:44:04 2025

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

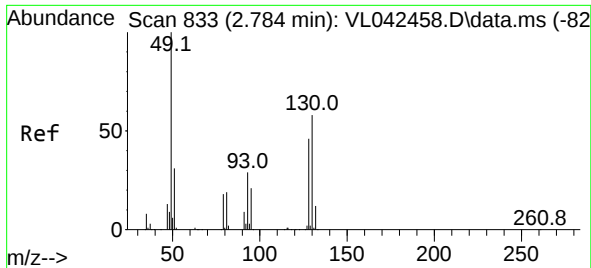
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	5.619	75	2755m	0.297	ppbv	
47) 1,1,2-Trichloroethane	6.603	97	3037m	0.463	ppbv	
48) Dibromochloromethane	7.396	129	4973m	0.449	ppbv	
49) Bromoform	9.497	173	3776	0.407	ppbv #	79
50) 4-Methyl-2-Pentanone	5.787	43	5427m	0.351	ppbv	
51) 2-Hexanone	7.451	43	3905m	0.316	ppbv	
52) Tetrachloroethene	8.231	164	2313m	0.381	ppbv	
53) Toluene	6.949	91	5668m	0.335	ppbv	
54) 1,2-Dibromoethane	7.668	107	3829m	0.382	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.943	131	4340m	0.514	ppbv	
57) Chlorobenzene	8.927	112	7029	0.489	ppbv	93
58) Ethyl Benzene	9.367	91	7420m	0.311	ppbv	
59) m/p-Xylene	9.539	91	12193m	0.609	ppbv	
60) o-Xylene	9.969	91	5844	0.291	ppbv	97
61) Styrene	9.882	104	2368	0.316	ppbv #	87
62) Isopropylbenzene	10.542	105	9948	0.344	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.972	83	6325	0.457	ppbv	98
64) n-propylbenzene	10.995	120	2048	0.290	ppbv	96
65) tert-Butylbenzene	11.542	119	7164	0.278	ppbv	96
66) Benzyl Chloride	11.620	91	1252m	0.420	ppbv	
67) sec-Butylbenzene	11.775	105	11638	0.317	ppbv	97
69) p-Isopropyltoluene	11.931	119	8103	0.262	ppbv #	93
70) n-Butylbenzene	12.290	91	8223	0.257	ppbv	97
71) 2-Chlorotoluene	10.908	91	6497	0.286	ppbv	90
72) 4-Ethyltoluene	11.131	105	6753	0.286	ppbv	98
73) 1,3,5-Trimethylbenzene	11.212	105	5785	0.278	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	6593	0.262	ppbv #	83
75) 1,3-Dichlorobenzene	11.617	146	5504	0.393	ppbv	91
76) 1,4-Dichlorobenzene	11.675	146	5351	0.404	ppbv	95
77) 1,2-Dichlorobenzene	11.956	146	6439	0.470	ppbv	96
78) Hexachloro-1,3-Butadiene	13.885	225	6569	0.480	ppbv	98
79) Naphthalene	13.523	128	4381	0.207	ppbv #	90
80) Naphthalene,2-methyl-	14.468	142	1553	0.099	ppbv	93
81) 1,2,4-Trichlorobenzene	13.449	180	2371	0.210	ppbv #	86

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



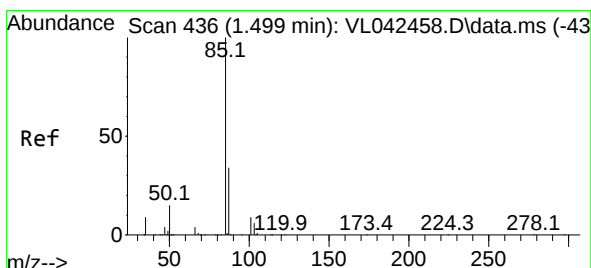
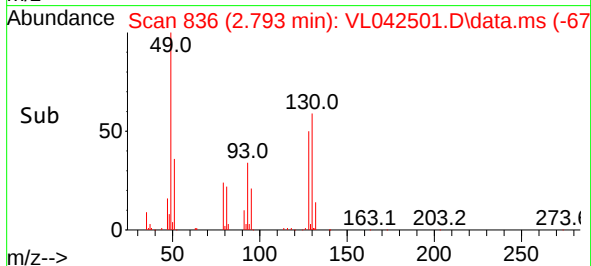
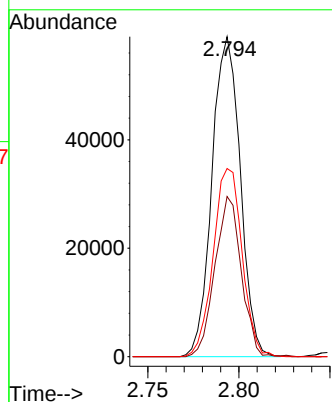
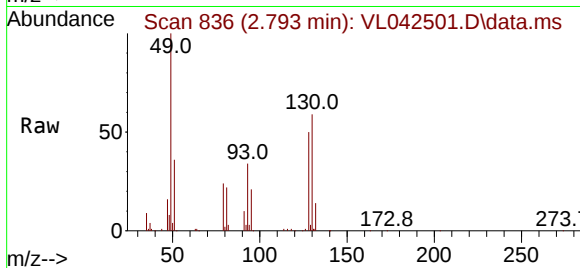
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 49 Resp: 6375
Ion Ratio Lower Upper
49 100
128 46.7 23.3 69.9
130 60.1 29.5 88.6

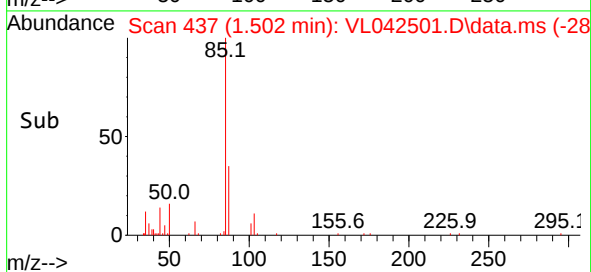
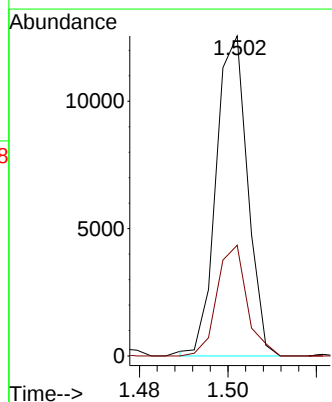
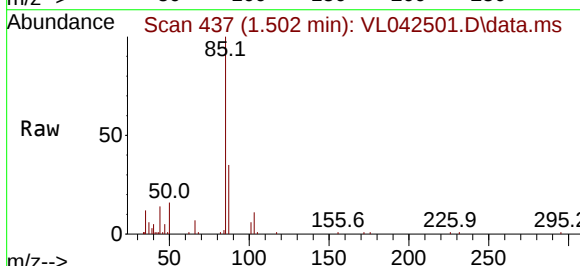
Manual Integrations
APPROVED

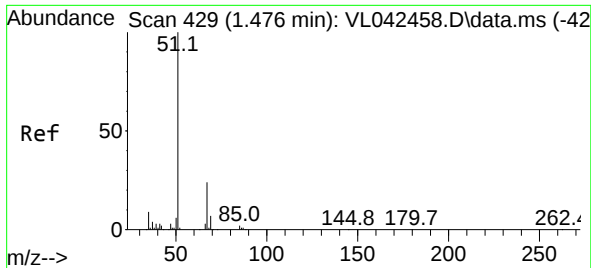
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 0.588 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 85 Resp: 6202
Ion Ratio Lower Upper
85 100
87 34.6 26.9 40.3





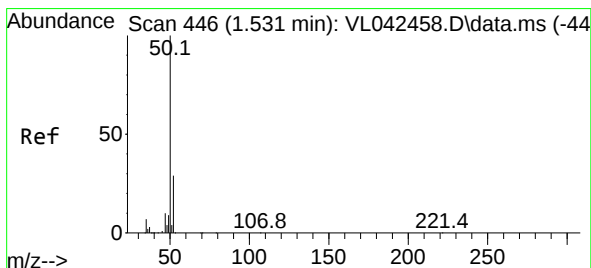
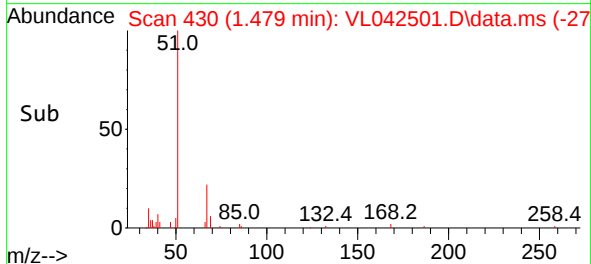
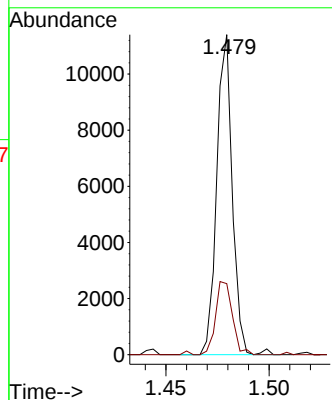
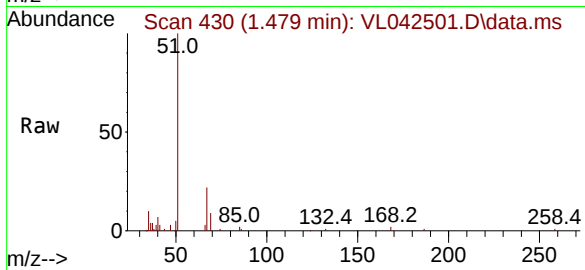
#3
Chlorodifluoromethane
Concen: 0.535 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 51 Resp: 596
Ion Ratio Lower Upper
51 100
67 25.0 18.4 27.6

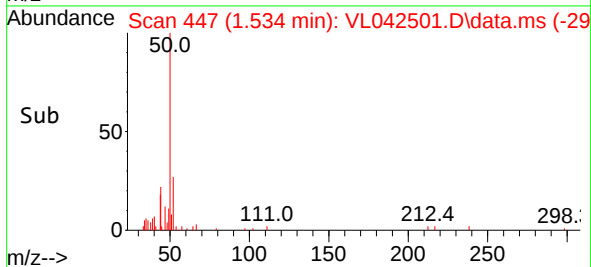
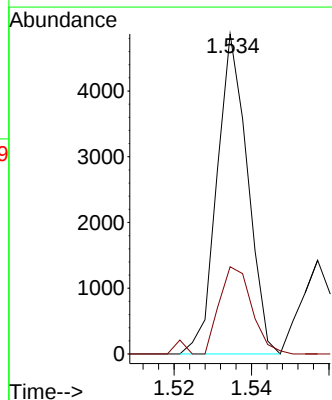
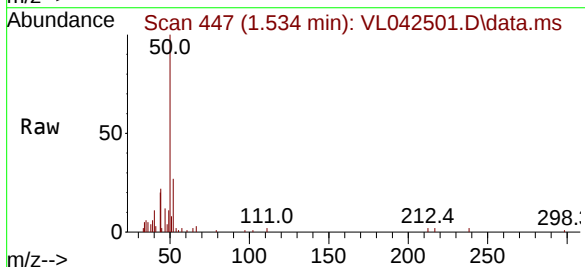
Manual Integrations
APPROVED

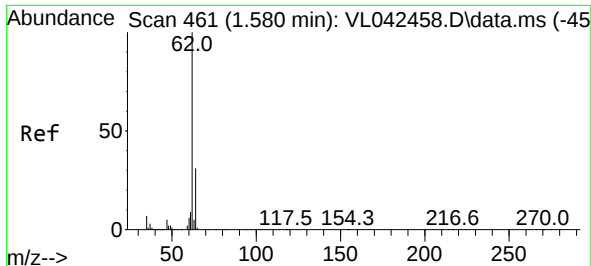
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 0.604 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

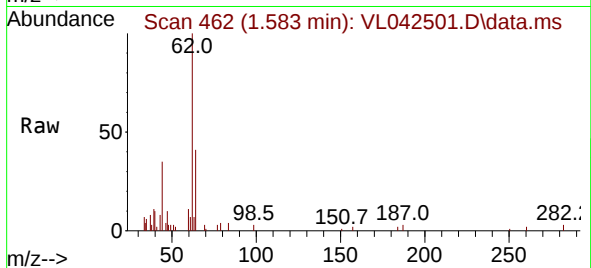
Tgt Ion: 50 Resp: 2663
Ion Ratio Lower Upper
50 100
52 26.2 23.5 35.3





#5
 Vinyl Chloride
 Concen: 0.450 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

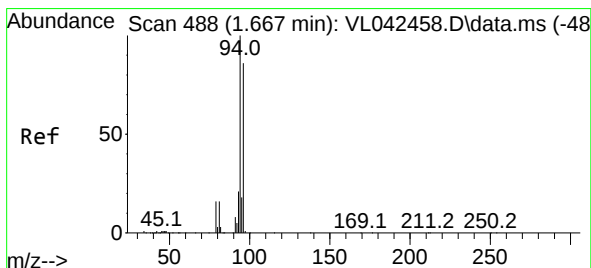
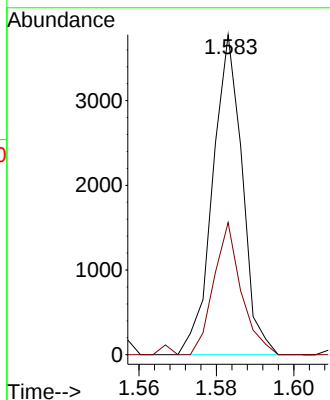
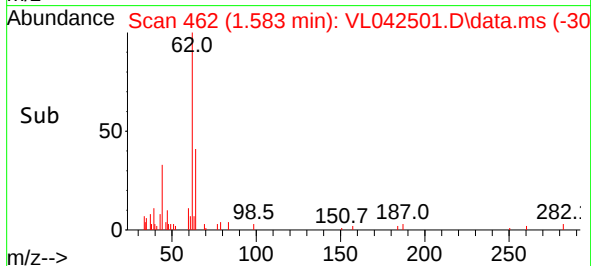
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



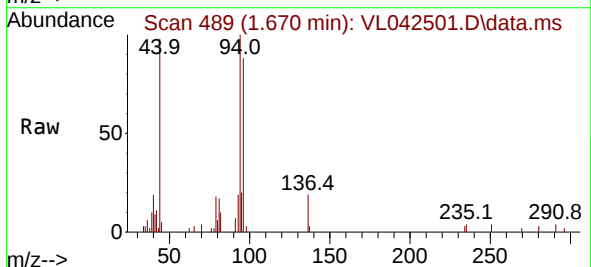
Tgt Ion: 62 Resp: 199
 Ion Ratio Lower Upper
 62 100
 64 41.3 24.9 37.3

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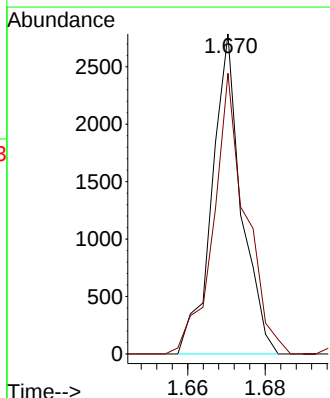
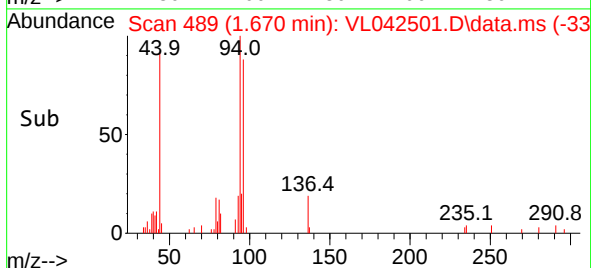
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#6
 Bromomethane
 Concen: 0.700 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36



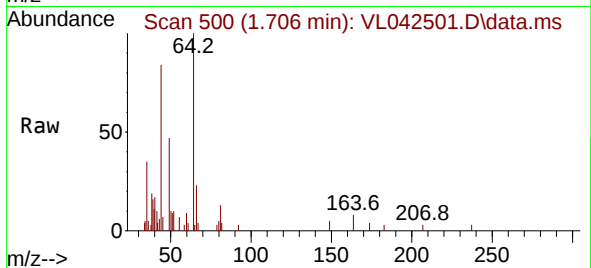
Tgt Ion: 94 Resp: 1468
 Ion Ratio Lower Upper
 94 100
 96 85.8 68.8 103.2





#7
Chloroethane
Concen: 0.625 ppbv
RT: 1.706 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

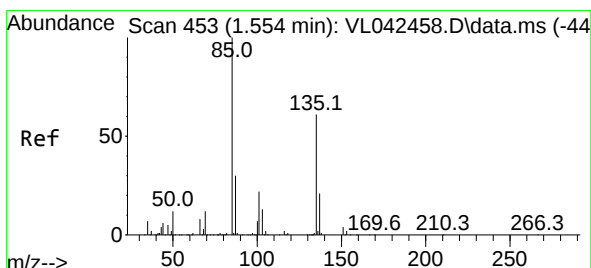
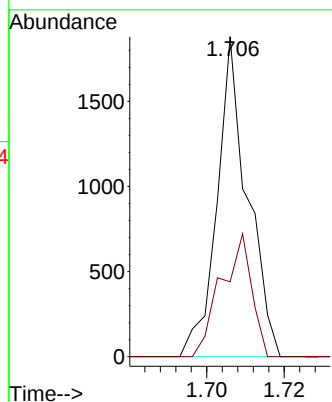
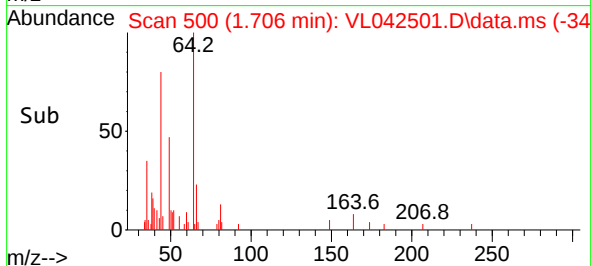
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 64 Resp: 1025
Ion Ratio Lower Upper
64 100
66 23.4 25.0 37.4

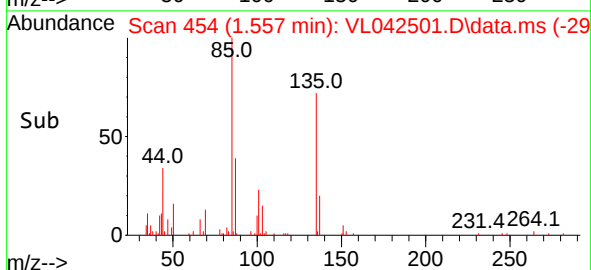
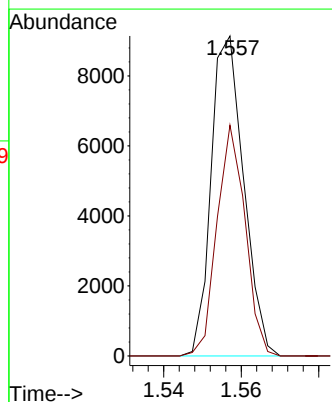
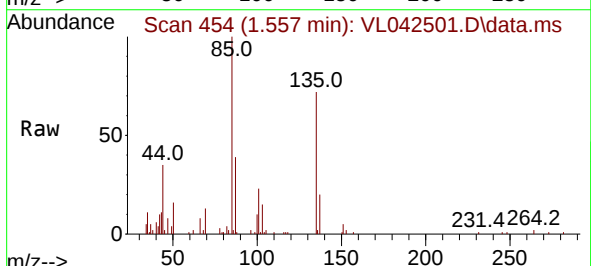
Manual Integrations
APPROVED

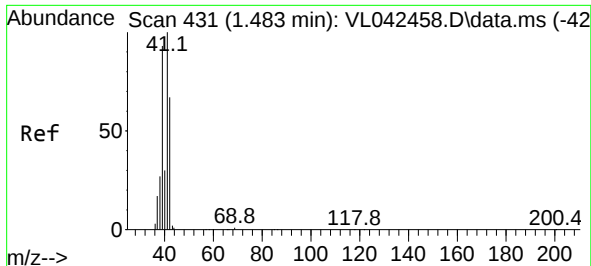
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#8
Dichlorotetrafluoroethane
Concen: 0.614 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

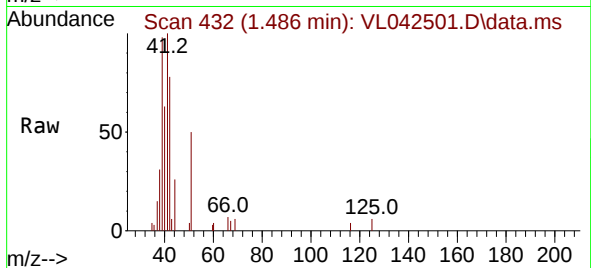
Tgt Ion: 85 Resp: 5338
Ion Ratio Lower Upper
85 100
135 62.5 49.8 74.8





#9
Propene
Concen: 0.350 ppbv m
RT: 1.486 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

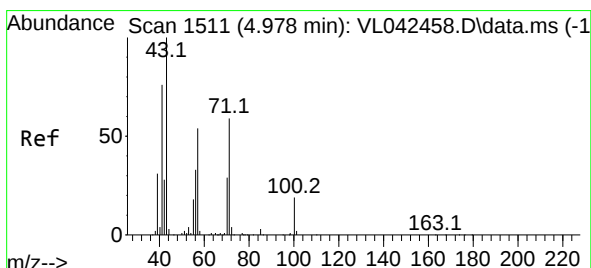
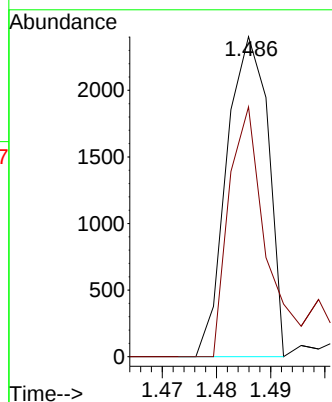
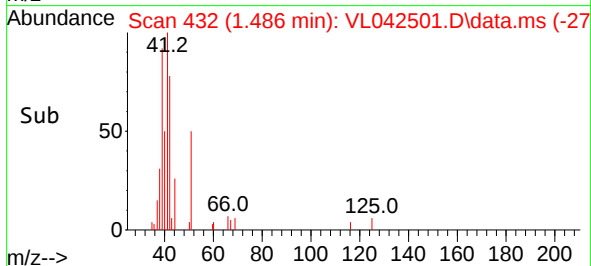
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 41 Resp: 1278
Ion Ratio Lower Upper
41 100
42 9.4 54.3 81.5

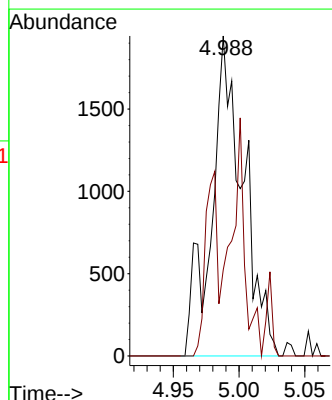
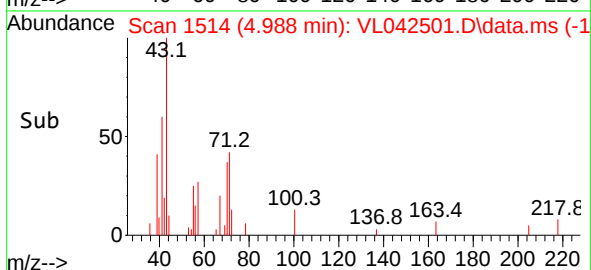
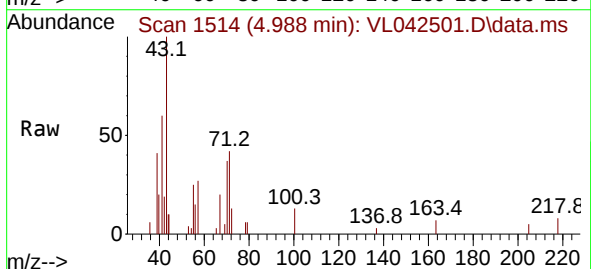
Manual Integrations
APPROVED

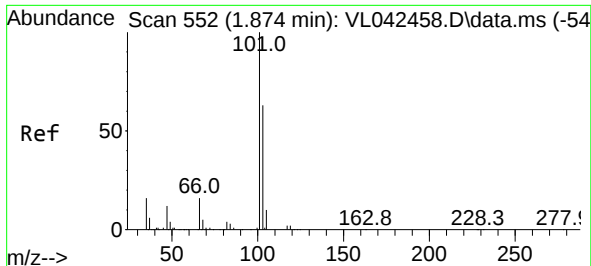
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#10
Heptane
Concen: 0.346 ppbv m
RT: 4.988 min Scan# 1514
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

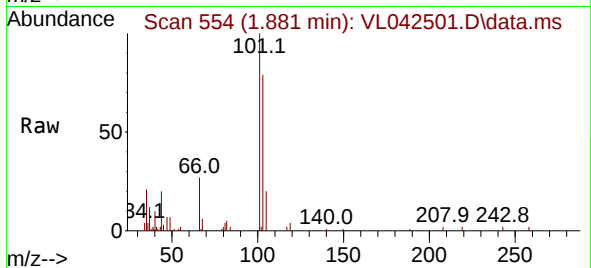
Tgt Ion: 43 Resp: 3274
Ion Ratio Lower Upper
43 100
57 0.0 41.8 62.8





#11
Trichlorofluoromethane
Concen: 0.578 ppbv m
RT: 1.881 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

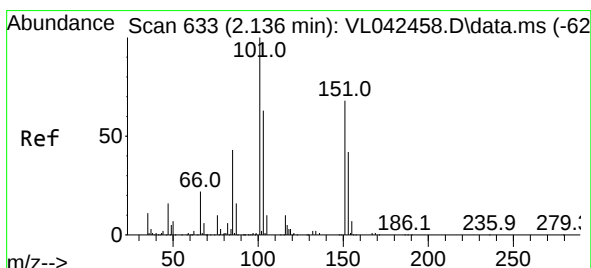
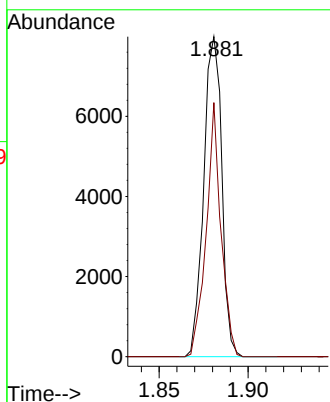
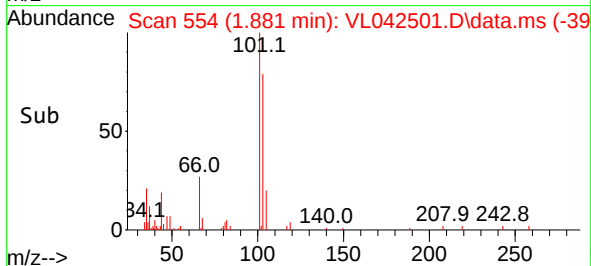
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



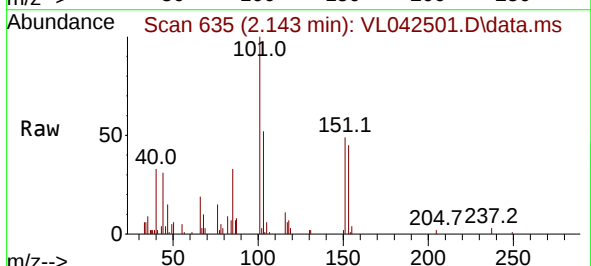
Tgt Ion:101 Resp: 5620
Ion Ratio Lower Upper
101 100
103 79.4 50.6 76.0

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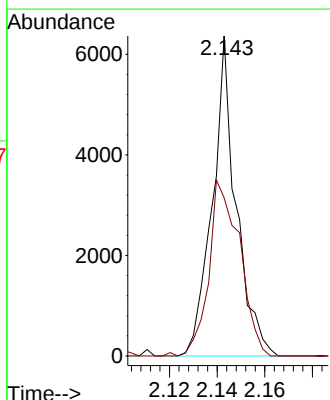
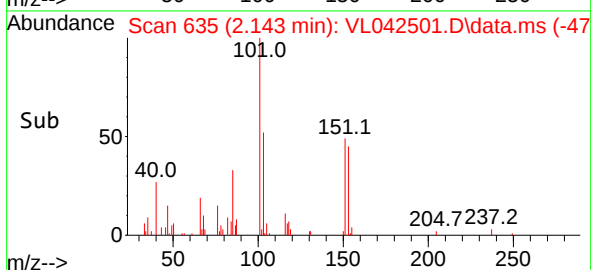
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

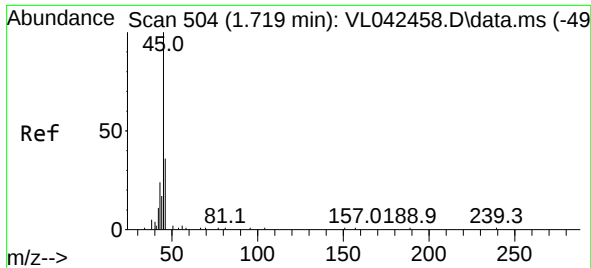


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.566 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36



Tgt Ion:101 Resp: 4401
Ion Ratio Lower Upper
101 100
151 71.3 54.6 82.0





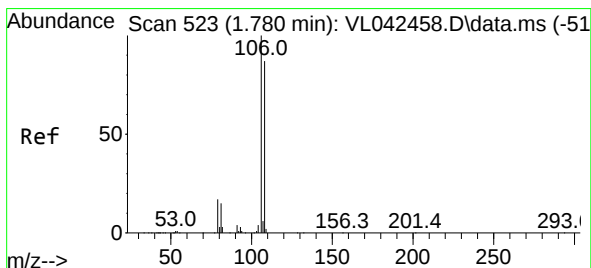
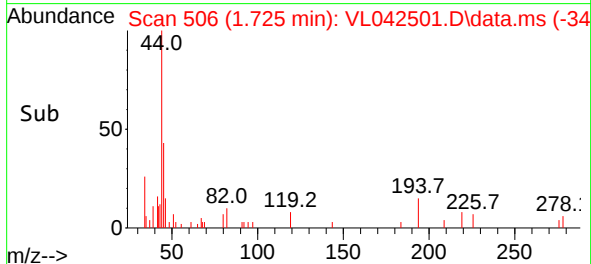
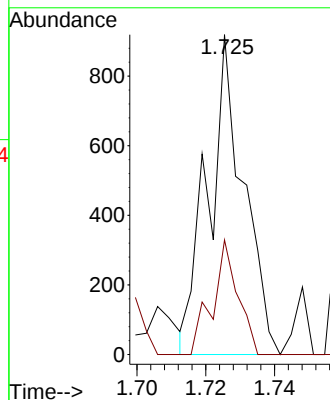
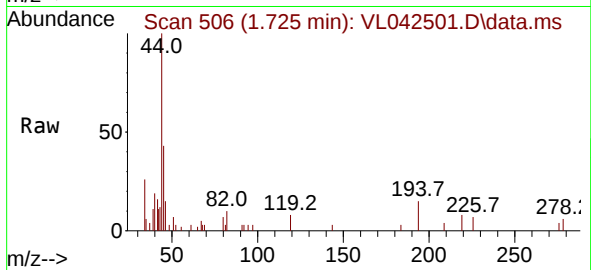
#13
Ethanol
Concen: 0.885 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 45 Resp: 658
Ion Ratio Lower Upper
45 100
46 37.6 15.3 61.1

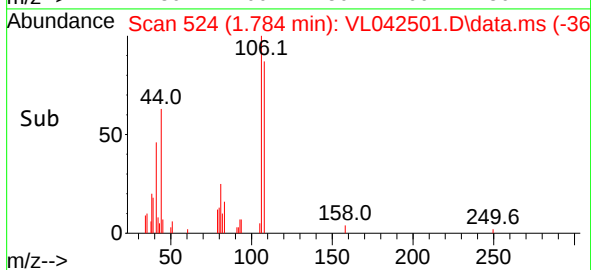
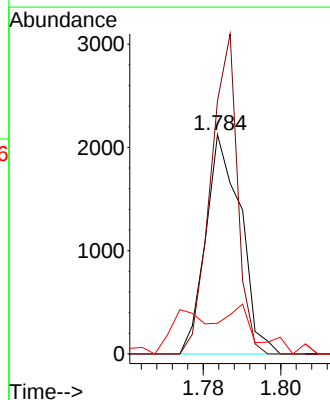
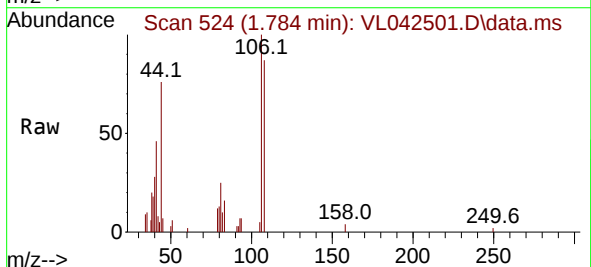
Manual Integrations
APPROVED

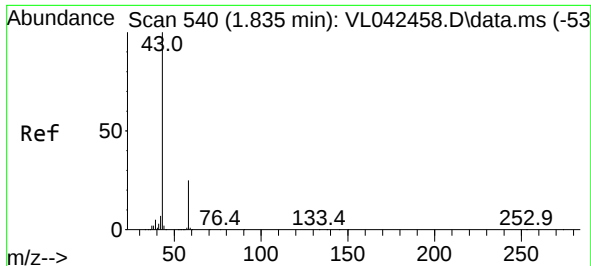
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#14
Bromoethene
Concen: 0.464 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:108 Resp: 1333
Ion Ratio Lower Upper
108 100
106 118.8 88.8 133.2
79 50.5 17.1 25.7#





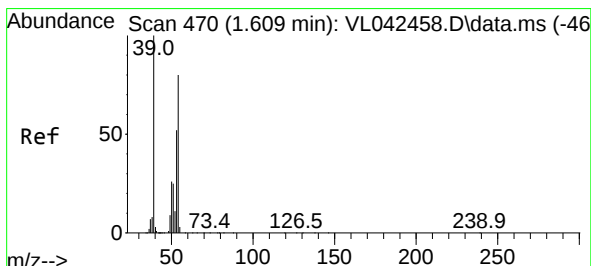
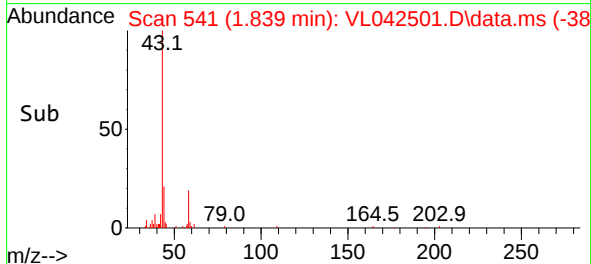
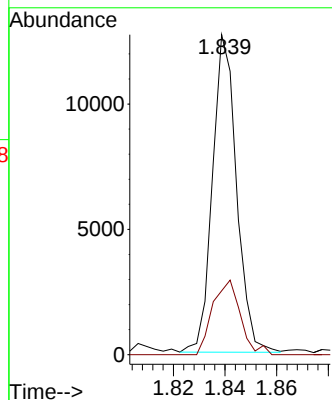
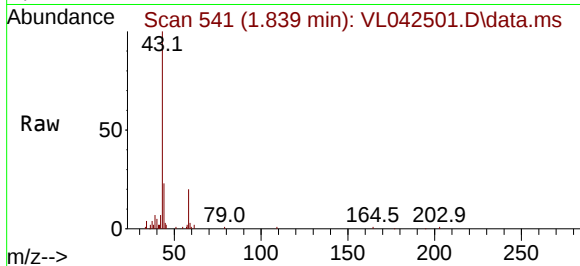
#15
Acetone
Concen: 0.706 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 27.0 19.8 29.8

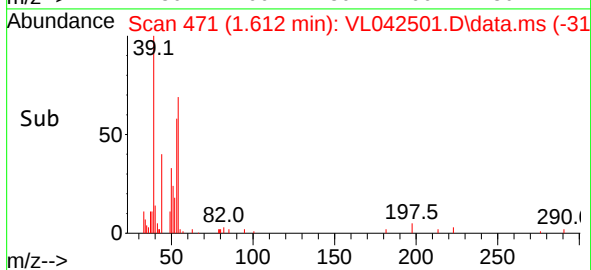
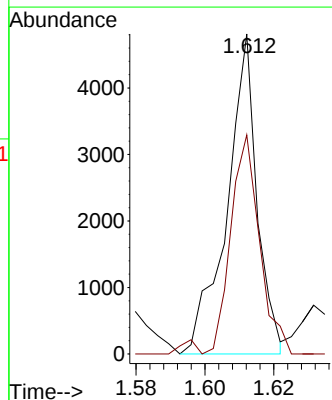
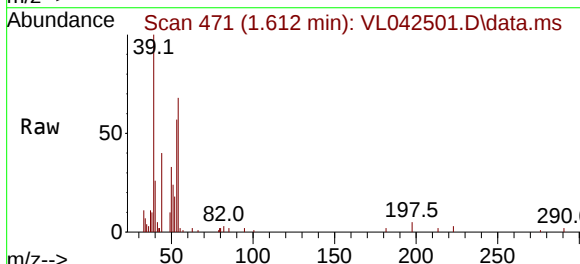
Manual Integrations
APPROVED

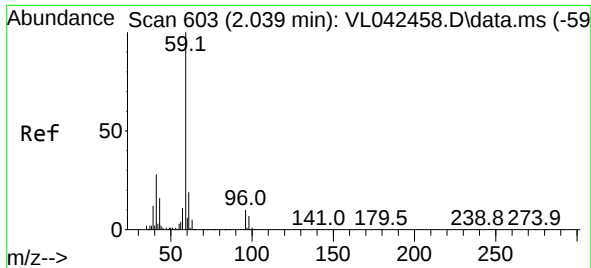
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
1,3-Butadiene
Concen: 0.570 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

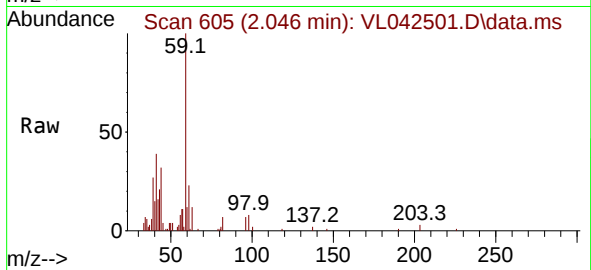
Tgt Ion: 39 Resp: 2927
Ion Ratio Lower Upper
39 100
54 67.4 55.2 82.8





#17
tert-Butyl alcohol
Concen: 0.483 ppbv
RT: 2.046 min Scan# 601
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

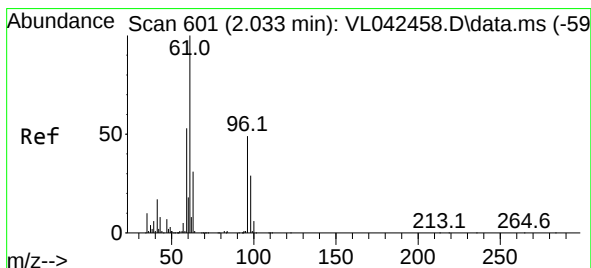
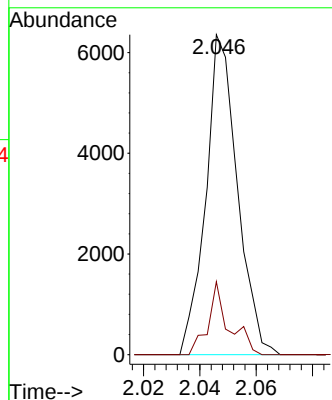
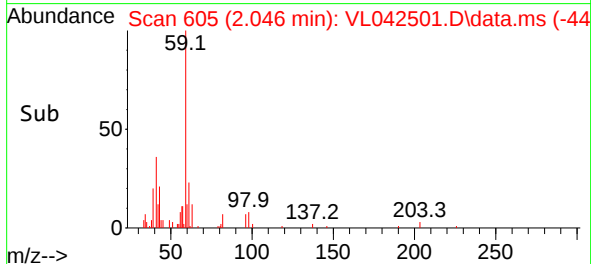
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



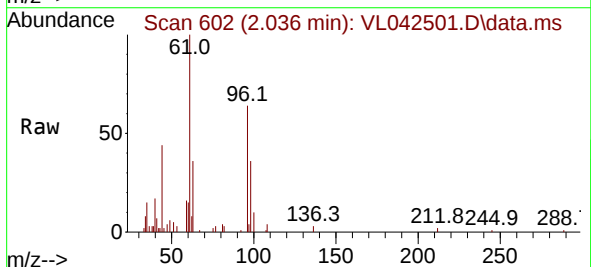
Tgt Ion: 59 Resp: 495
Ion Ratio Lower Upper
59 100
57 16.2 8.3 12.5

Manual Integrations
APPROVED

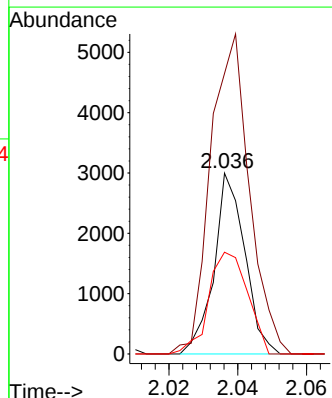
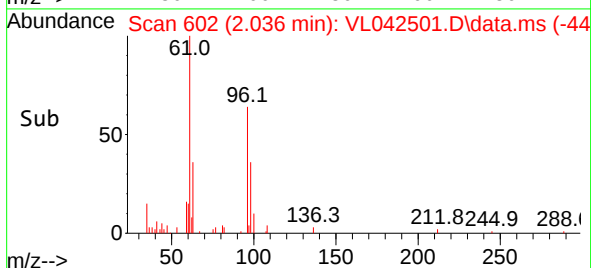
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

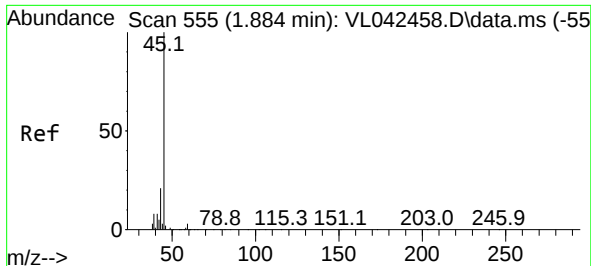


#18
1,1-Dichloroethene
Concen: 0.514 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36



Tgt Ion: 96 Resp: 1866
Ion Ratio Lower Upper
96 100
61 150.1 164.9 247.3#
98 56.3 48.2 72.2





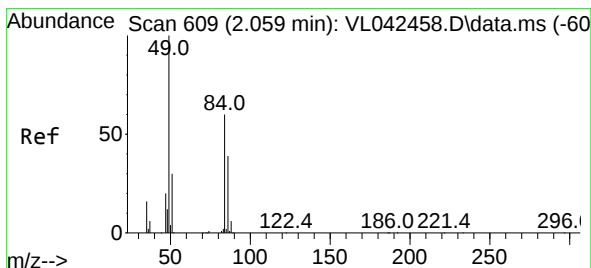
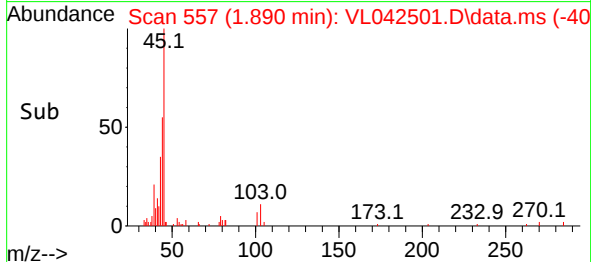
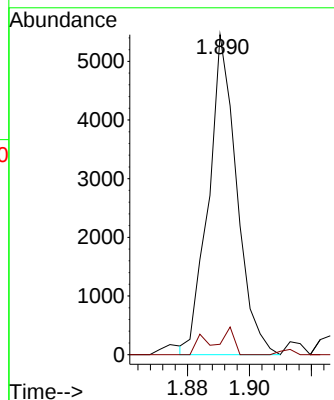
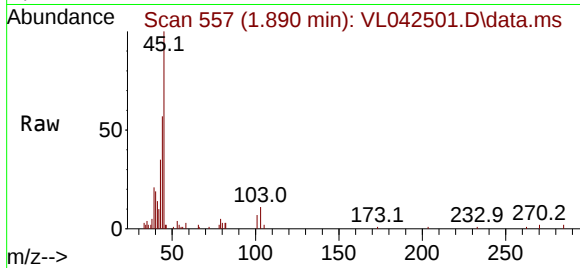
#19
Isopropyl Alcohol
Concen: 0.535 ppbv
RT: 1.890 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 45 Resp: 344
Ion Ratio Lower Upper
45 100
58 7.3 1.6 2.4

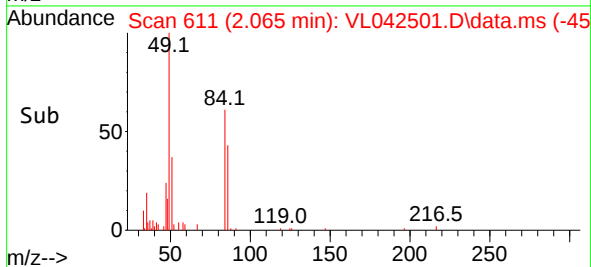
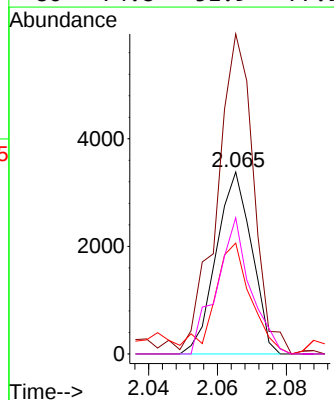
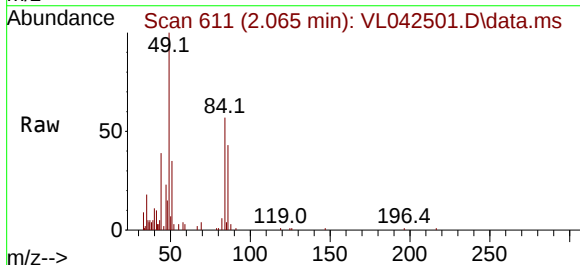
Manual Integrations
APPROVED

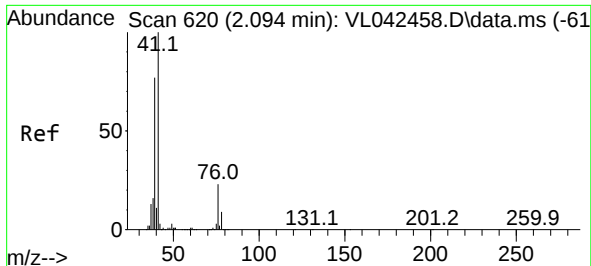
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#20
Methylene Chloride
Concen: 0.692 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

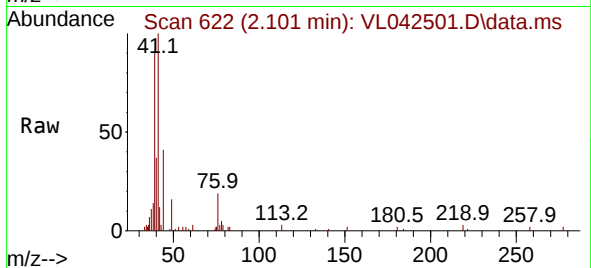
Tgt Ion: 84 Resp: 2420
Ion Ratio Lower Upper
84 100
49 173.5 133.9 200.9
51 57.9 41.0 61.6
86 74.8 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.550 ppbv
 RT: 2.101 min Scan# 611
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

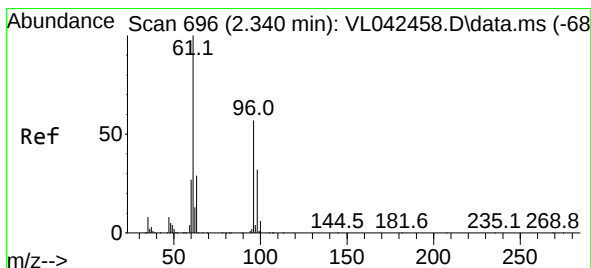
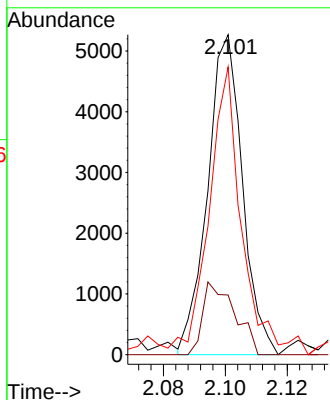
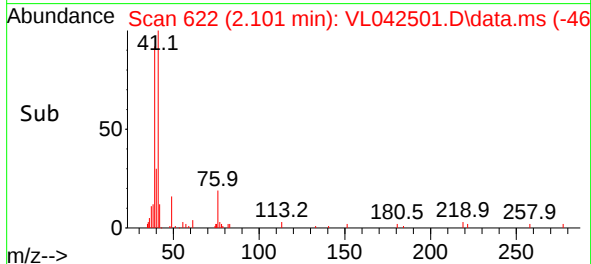
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



Tgt Ion: 41 Resp: 4119
 Ion Ratio Lower Upper
 41 100
 76 20.8 19.6 29.4
 39 96.3 61.0 91.4

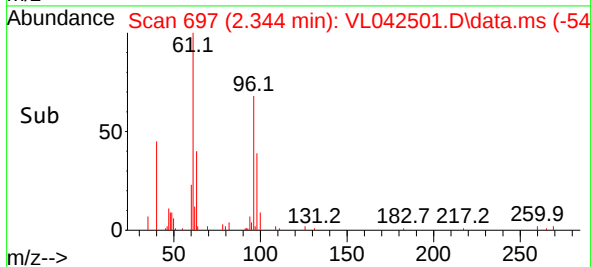
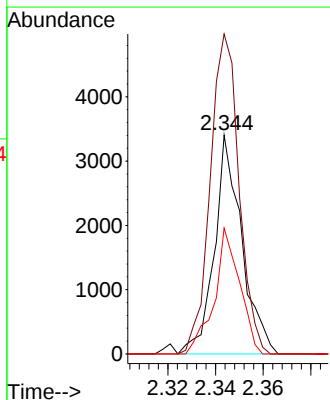
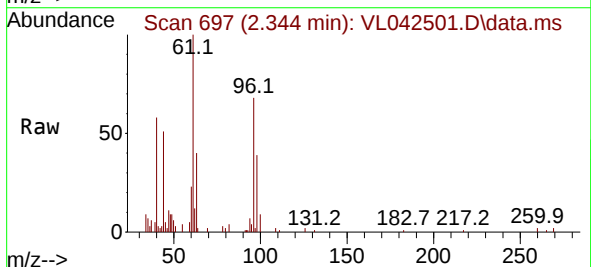
Manual Integrations
 APPROVED

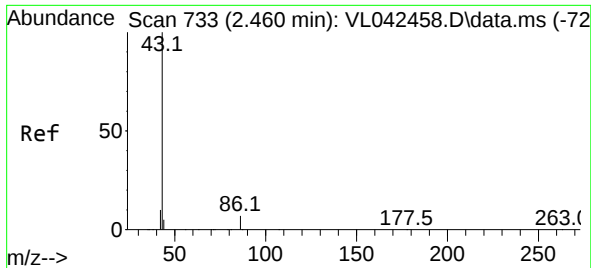
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.640 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

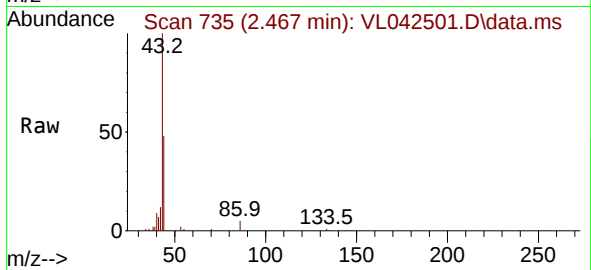
Tgt Ion: 96 Resp: 2714
 Ion Ratio Lower Upper
 96 100
 61 146.2 141.8 212.6
 98 57.5 45.0 67.6





#23
 Vinyl Acetate
 Concen: 0.414 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

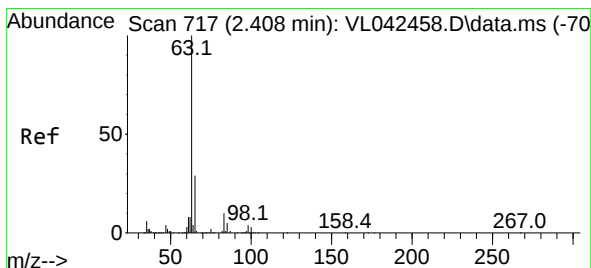
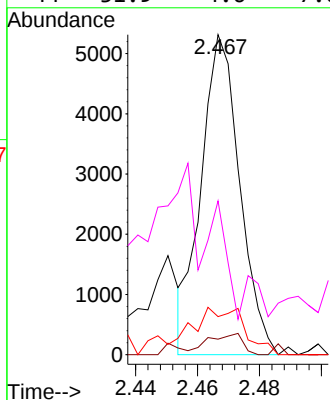
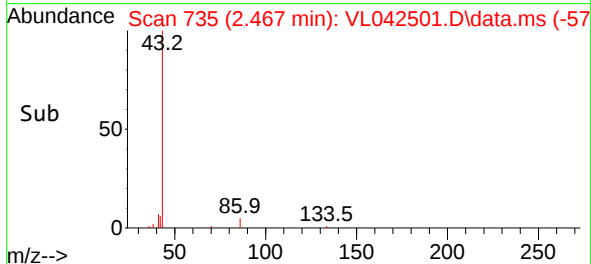
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



Tgt Ion	Ratio	Lower	Upper
43	100		
86	2.8	5.5	8.3#
42	11.9	8.3	12.5#
44	31.9	4.6	7.0#

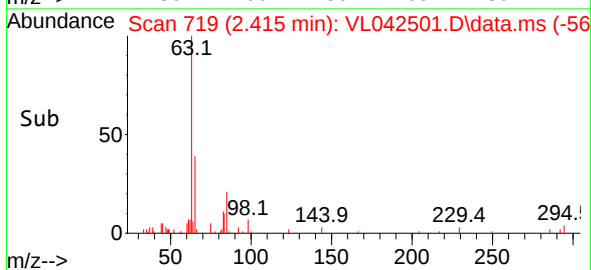
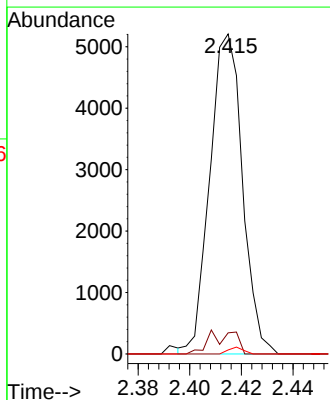
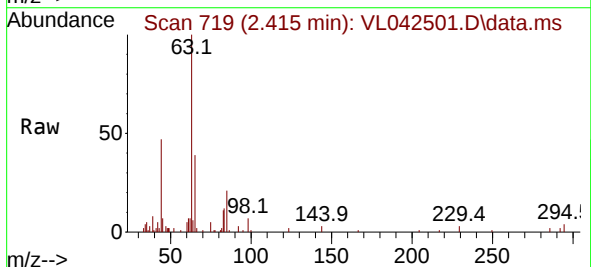
Manual Integrations
 APPROVED

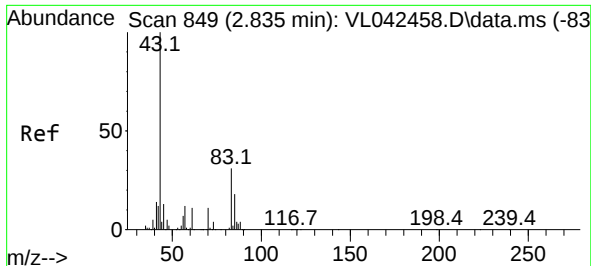
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#24
 1,1-Dichloroethane
 Concen: 0.529 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.6	1.8	5.5#
100	1.3	1.4	4.2#





#25

Ethyl Acetate

Concen: 0.324 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

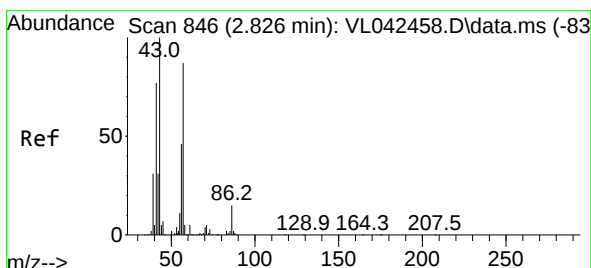
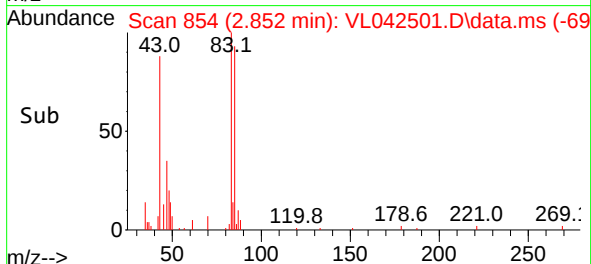
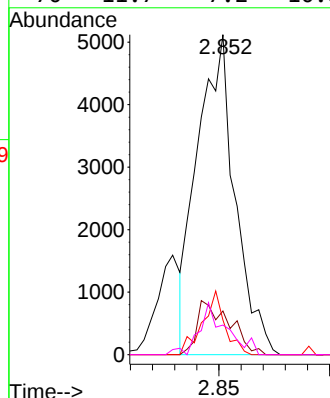
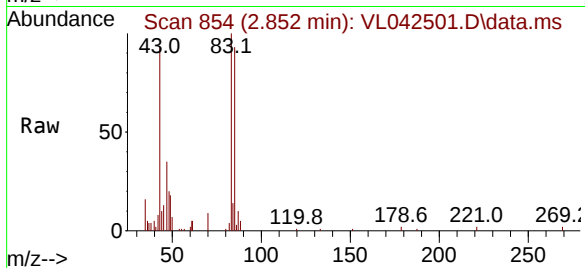
Tgt Ion: 43	Resp: 604
Ion Ratio	Lower Upper
43 100	
45 14.6	7.8 11.6
61 11.8	7.2 10.8
70 11.7	7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#26

Hexane

Concen: 0.304 ppbv

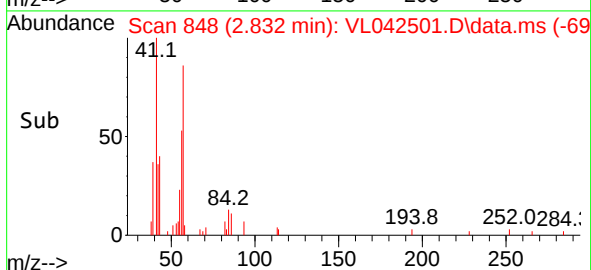
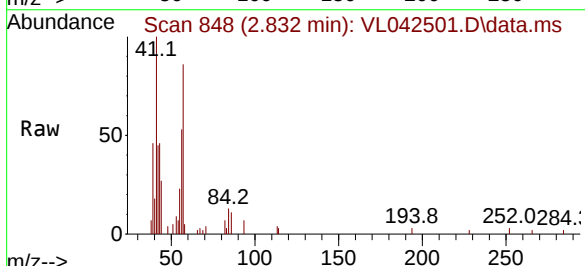
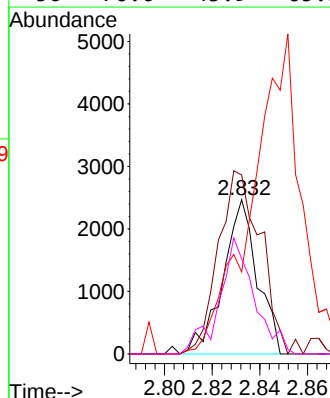
RT: 2.832 min Scan# 848

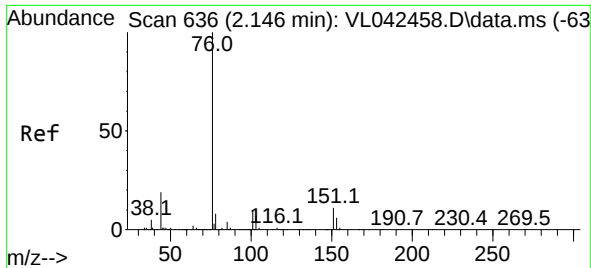
Delta R.T. 0.007 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

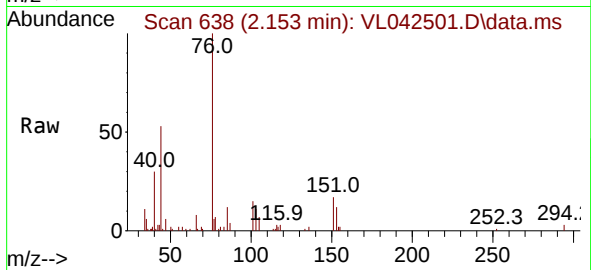
Tgt Ion: 57	Resp: 2471
Ion Ratio	Lower Upper
57 100	
41 151.4	77.8 116.8
43 297.0	187.0 280.6
56 76.6	43.9 65.9





#27
Carbon Disulfide
Concen: 0.520 ppbv
RT: 2.153 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

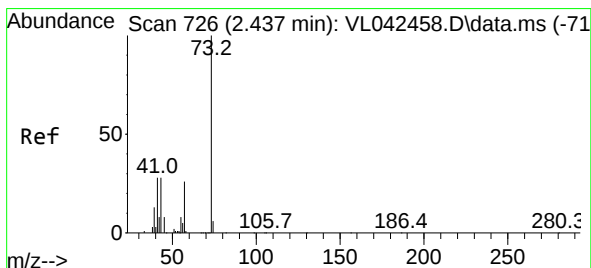
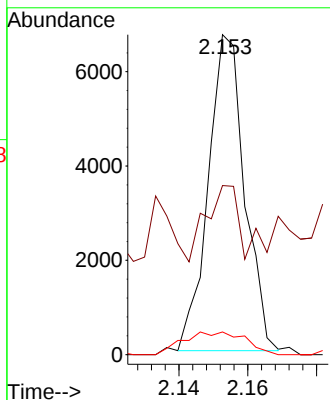
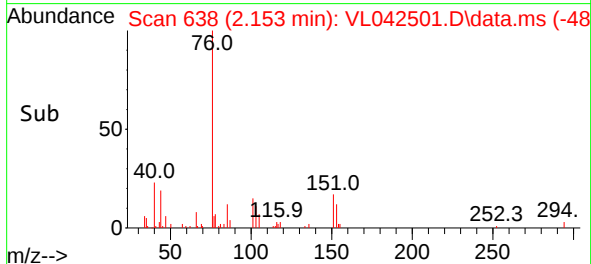
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 76 Resp: 4925
Ion Ratio Lower Upper
76 100
44 137.2 21.0 31.6
78 12.5 8.6 13.0

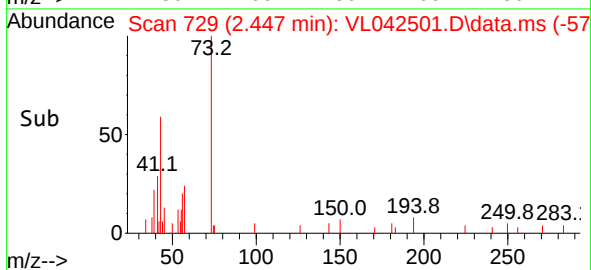
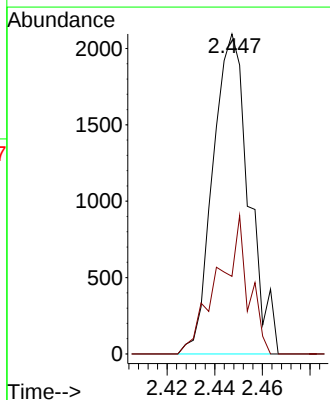
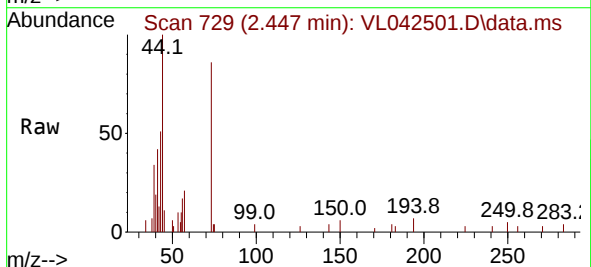
Manual Integrations
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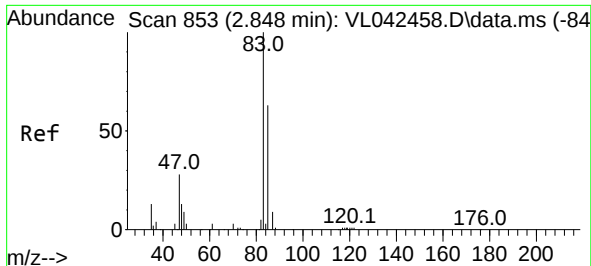
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#28
Methyl tert-Butyl Ether
Concen: 0.451 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

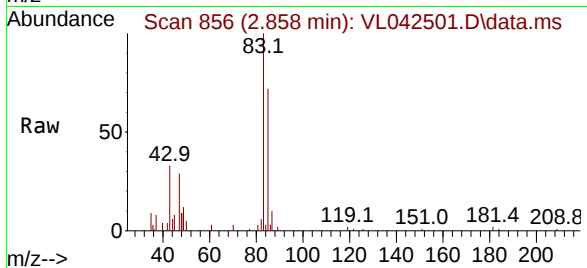
Tgt Ion: 73 Resp: 2200
Ion Ratio Lower Upper
73 100
57 36.7 19.9 29.9





#29
Chloroform
Concen: 0.524 ppbv
RT: 2.858 min Scan# 856
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

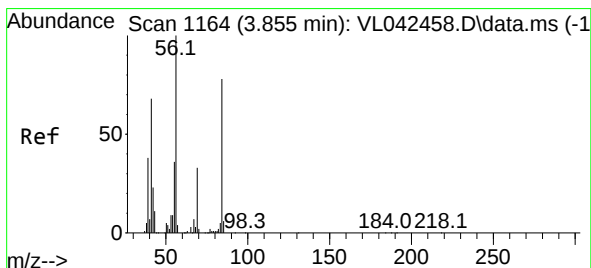
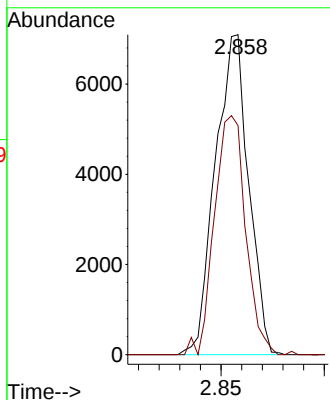
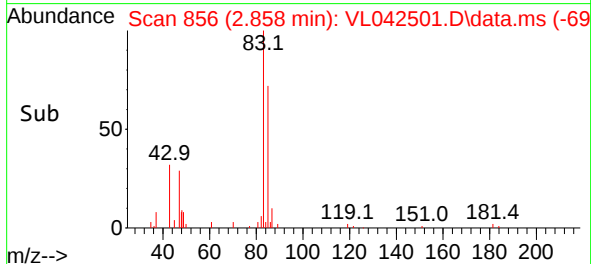
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 83 Resp: 7970
Ion Ratio Lower Upper
83 100
85 71.6 50.4 75.6

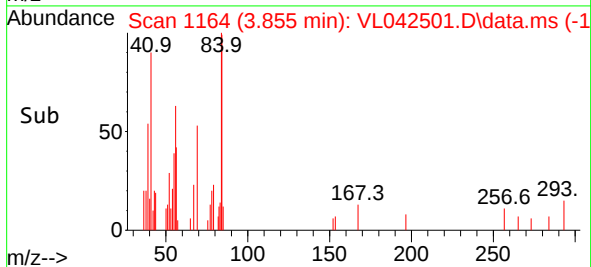
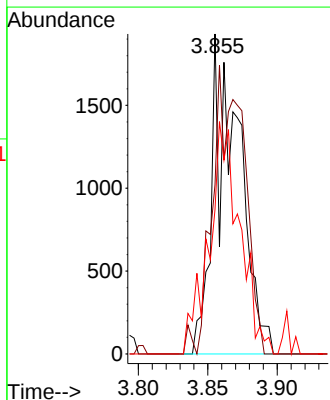
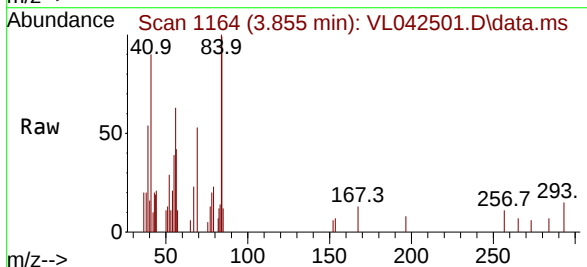
Manual Integrations
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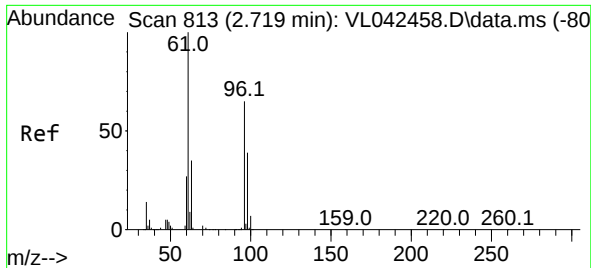
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#30
Cyclohexane
Concen: 0.384 ppbv m
RT: 3.855 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

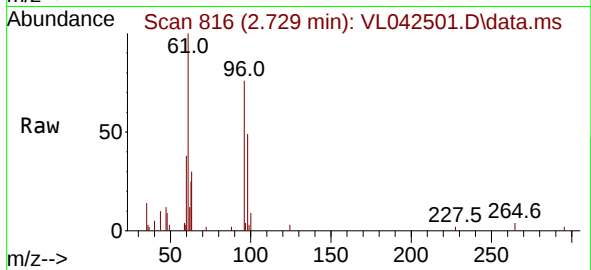
Tgt Ion: 84 Resp: 2607
Ion Ratio Lower Upper
84 100
56 0.0 98.1 147.1#
41 0.0 65.8 98.8#





#31
 cis-1,2-Dichloroethene
 Concen: 0.354 ppbv m
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

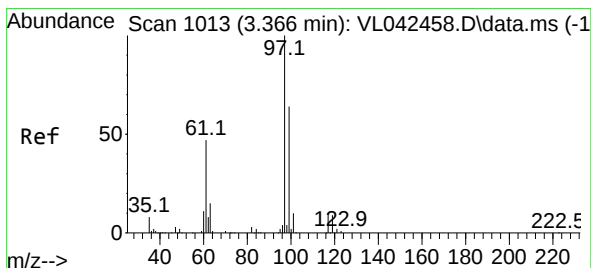
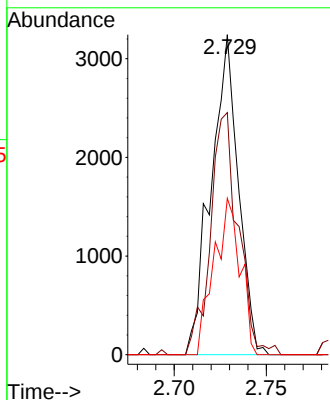
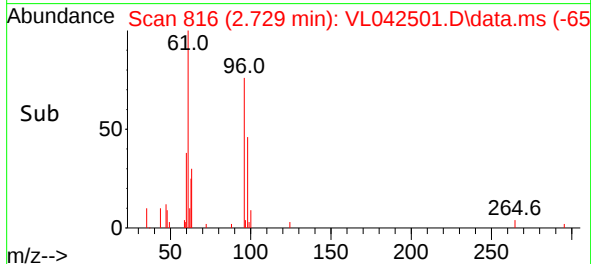
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



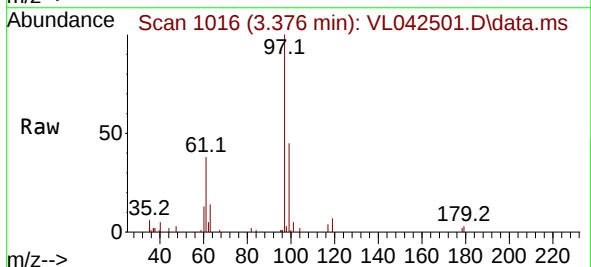
Tgt Ion: 61 Resp: 3354
 Ion Ratio Lower Upper
 61 100
 96 75.6 52.0 78.0
 98 48.9 31.0 46.6

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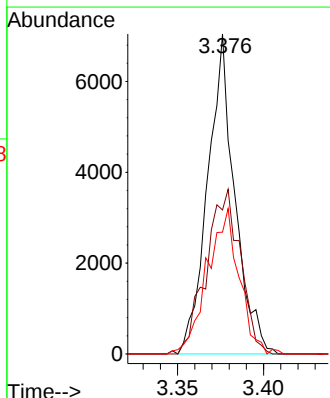
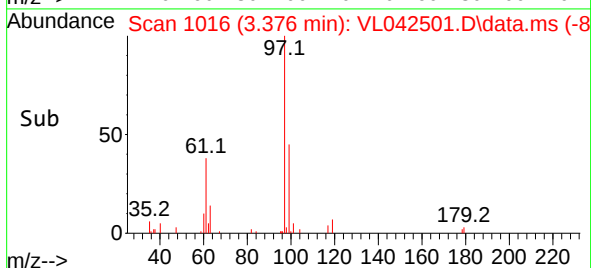
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

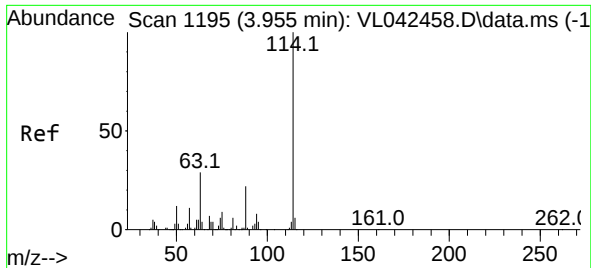


#32
 1,1,1-Trichloroethane
 Concen: 0.468 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.010 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36



Tgt Ion: 97 Resp: 7719
 Ion Ratio Lower Upper
 97 100
 99 64.5 50.7 76.1
 61 53.6 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

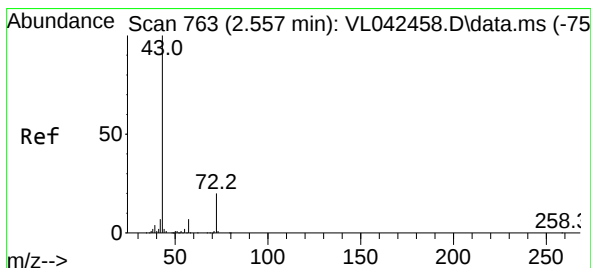
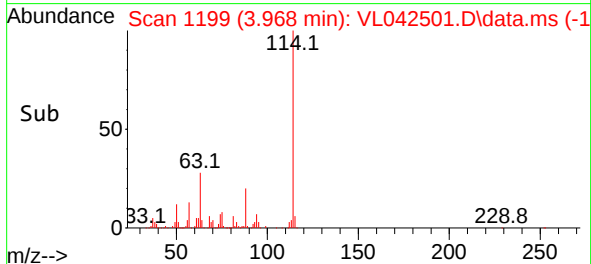
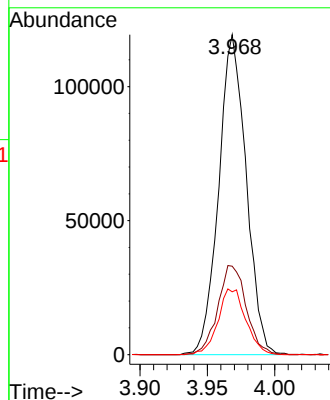
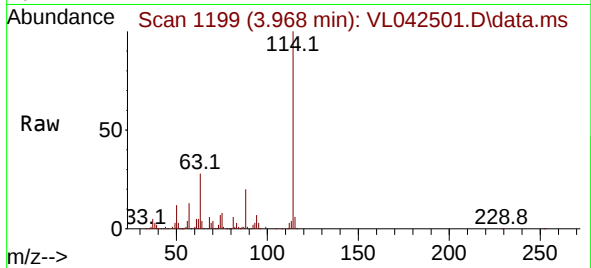
MDL1 0.40

Tgt Ion:	114	Resp:	169190
Ion	Ratio	Lower	Upper
114	100		
63	29.0	23.1	34.7
88	20.9	16.1	24.1

Manual Integrations

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



#34

2-Butanone

Concen: 0.399 ppbv

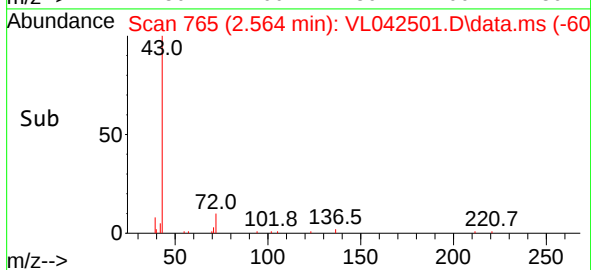
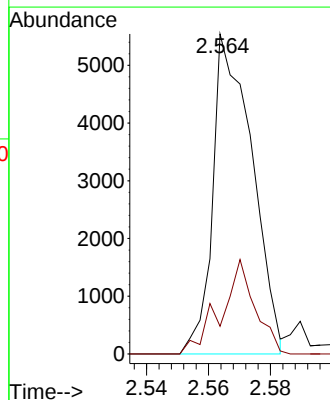
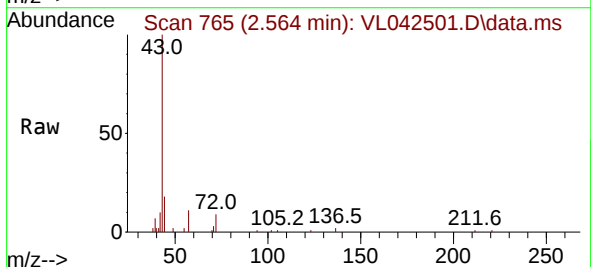
RT: 2.564 min Scan# 765

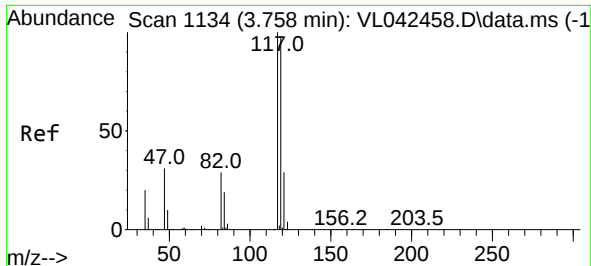
Delta R.T. 0.007 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

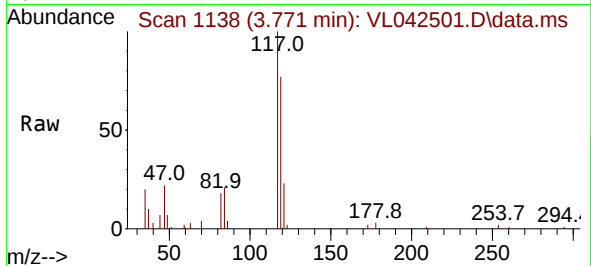
Tgt Ion:	43	Resp:	4877
Ion	Ratio	Lower	Upper
43	100		
72	25.7	16.7	25.1#





#35
Carbon Tetrachloride
Concen: 0.546 ppbv m
RT: 3.771 min Scan# 1134
Delta R.T. 0.013 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

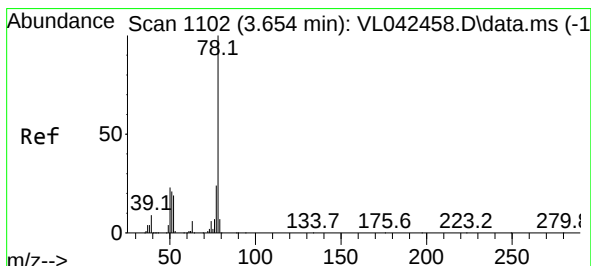
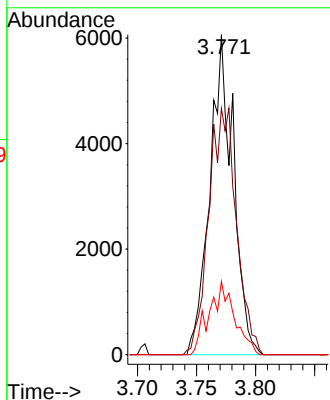
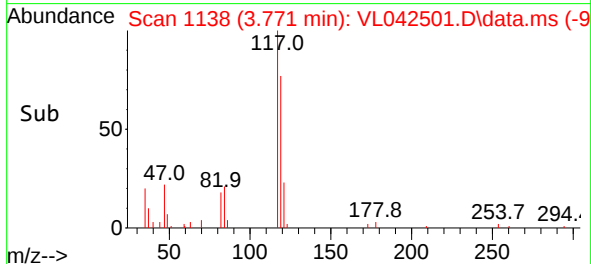
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



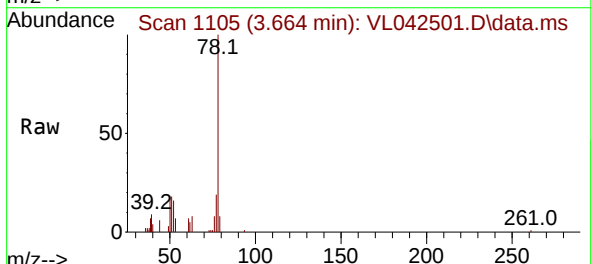
Tgt Ion:117 Resp: 8394
Ion Ratio Lower Upper
117 100
119 76.9 78.1 117.1
121 22.9 23.0 34.6

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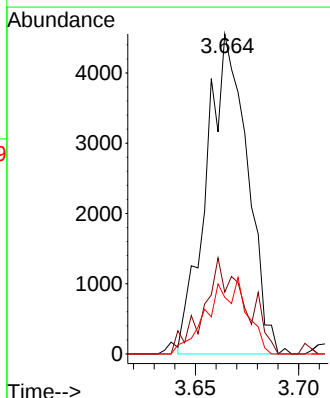
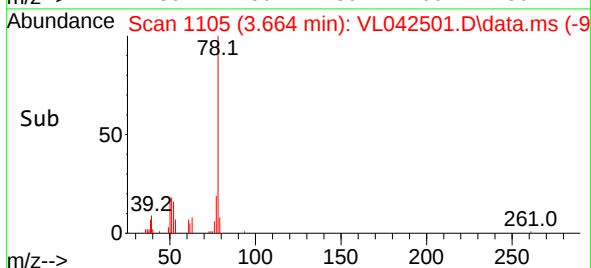
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

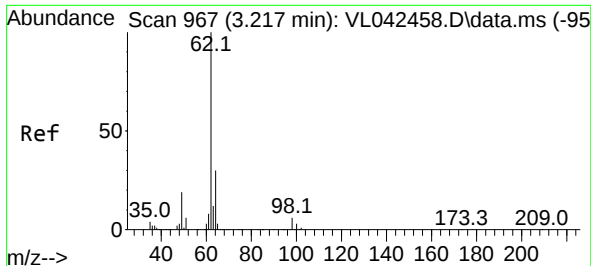


#36
Benzene
Concen: 0.393 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36



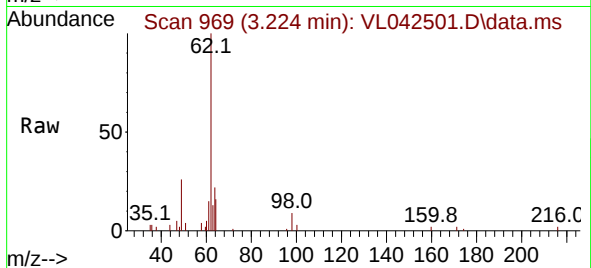
Tgt Ion: 78 Resp: 6282
Ion Ratio Lower Upper
78 100
77 19.3 18.9 28.3
50 17.7 18.4 27.6





#37
1,2-Dichloroethane
Concen: 0.487 ppbv
RT: 3.224 min Scan# 967
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

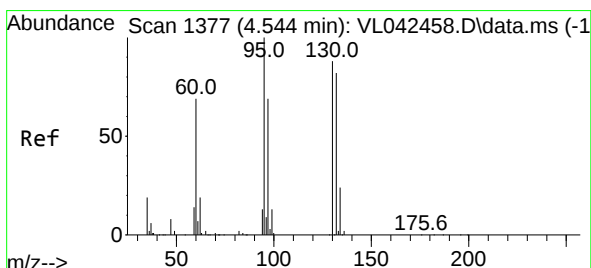
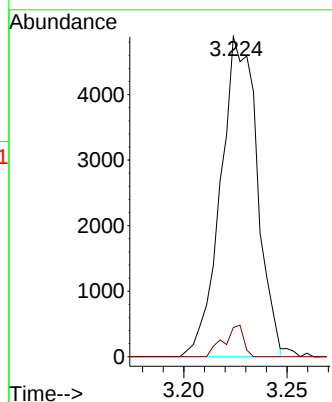
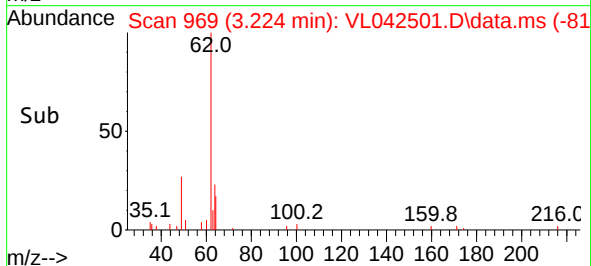
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 62 Resp: 599
Ion Ratio Lower Upper
62 100
98 5.3 4.3 6.5

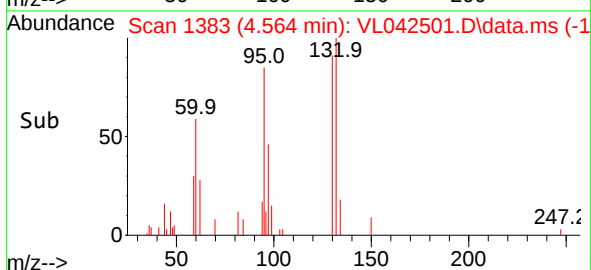
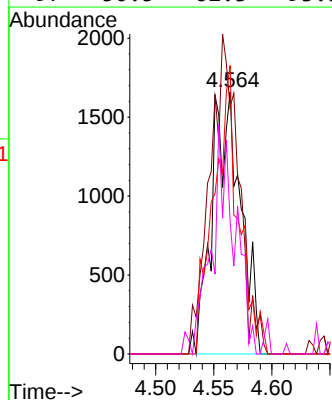
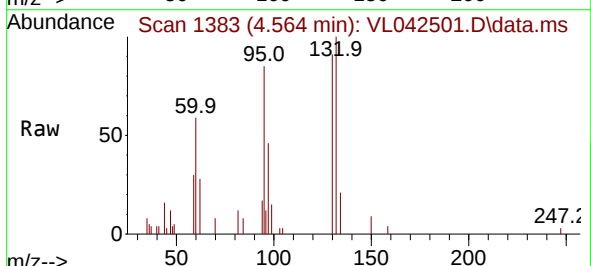
Manual Integrations
APPROVED

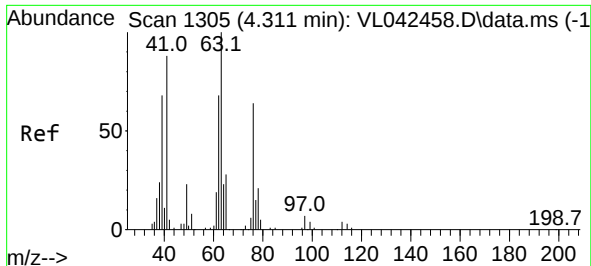
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 0.472 ppbv m
RT: 4.564 min Scan# 1383
Delta R.T. 0.020 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:130 Resp: 2873
Ion Ratio Lower Upper
130 100
95 94.0 91.0 136.4
132 110.1 74.2 111.4
97 50.5 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 0.537 ppbv m

RT: 4.334 min Scan# 1312

Delta R.T. 0.023 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

Tgt Ion: 63 Resp: 320

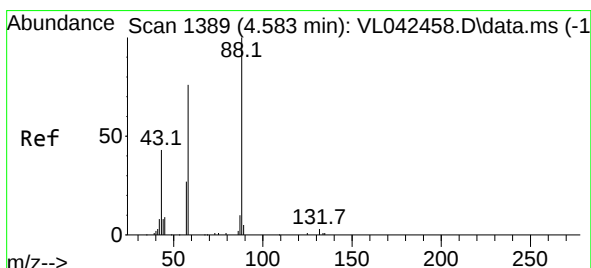
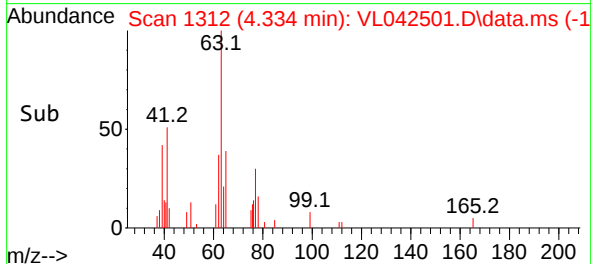
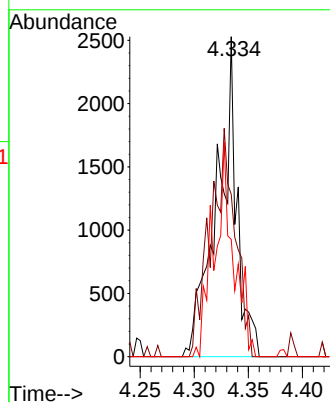
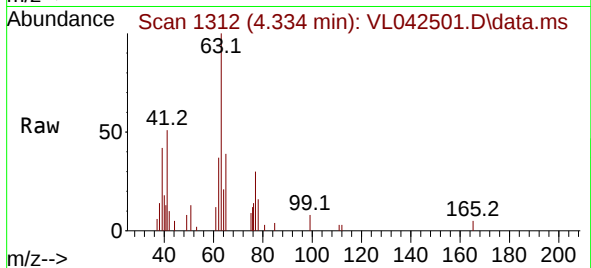
Ion	Ratio	Lower	Upper
63	100		
41	50.8	69.8	104.6
62	36.7	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#40

1,4-Dioxane

Concen: 0.327 ppbv m

RT: 4.612 min Scan# 1398

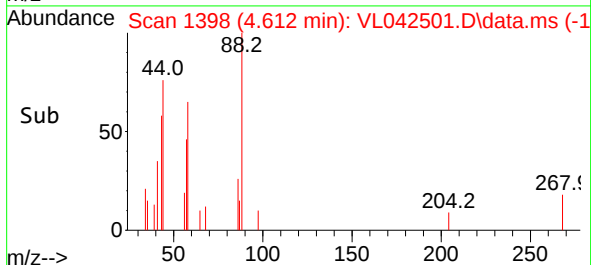
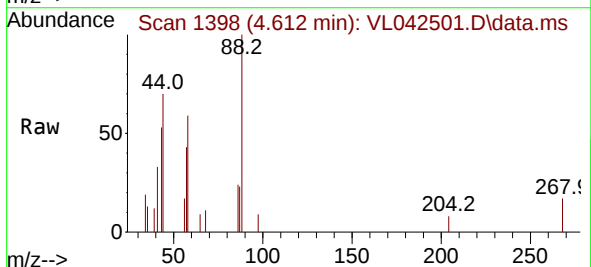
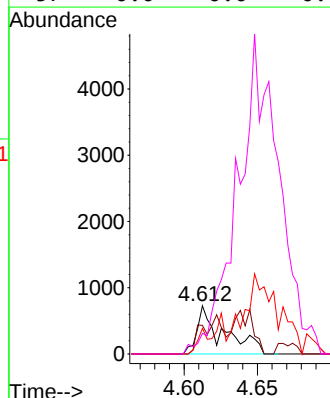
Delta R.T. 0.029 min

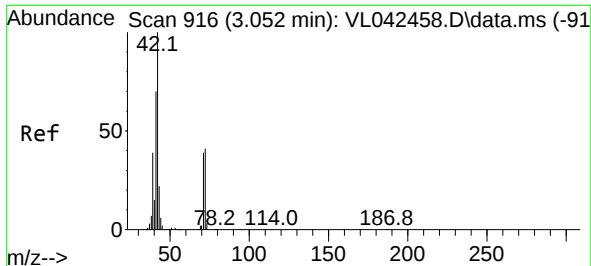
Lab File: VL042501.D

Acq: 06 May 2025 17:36

Tgt Ion: 88 Resp: 916

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





#41

Tetrahydrofuran

Concen: 0.393 ppbv m

RT: 3.072 min Scan# 916

Delta R.T. 0.020 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

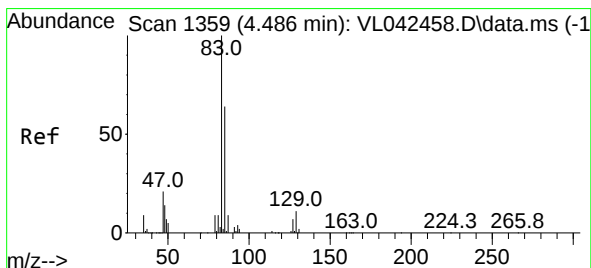
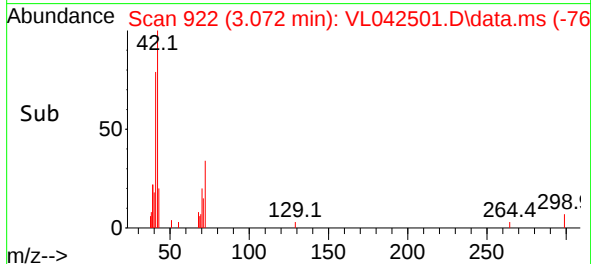
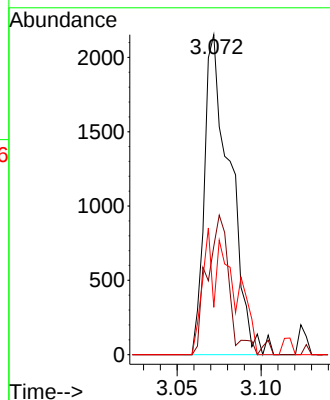
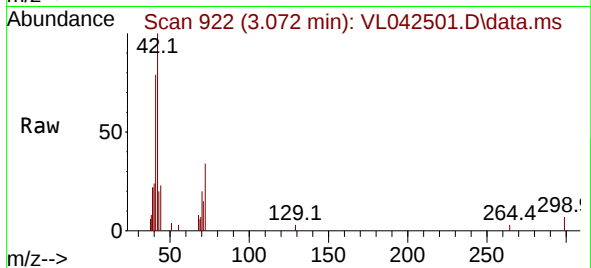
MDL1 0.40

Tgt Ion:	42	Resp:	228
Ion Ratio	Lower	Upper	
42	100		
72	38.7	33.5	50.3
71	46.8	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: 0.501 ppbv m

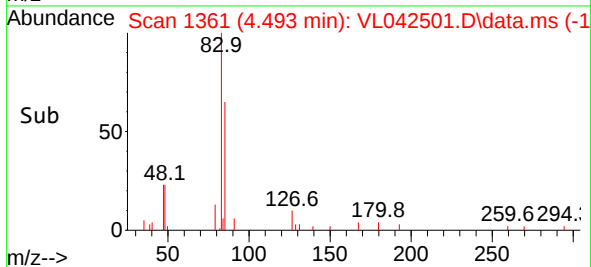
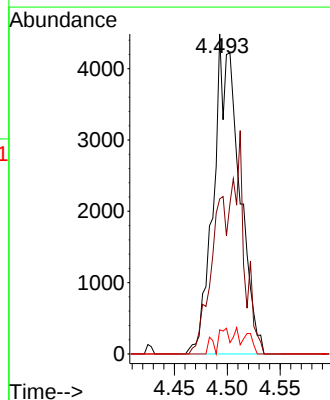
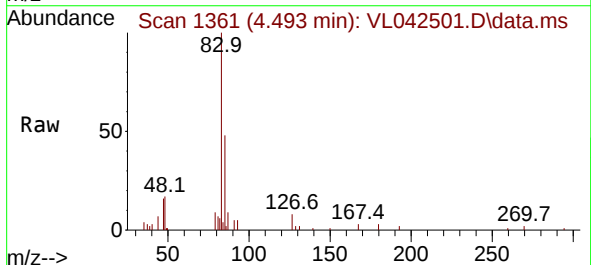
RT: 4.493 min Scan# 1361

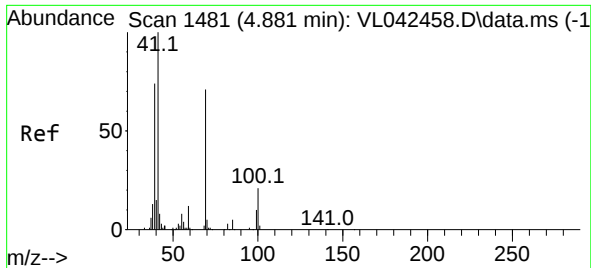
Delta R.T. 0.007 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Tgt Ion:	83	Resp:	7527
Ion Ratio	Lower	Upper	
83	100		
85	48.4	51.5	77.3
127	7.5	5.4	8.2





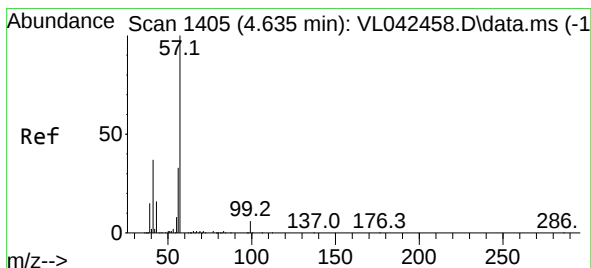
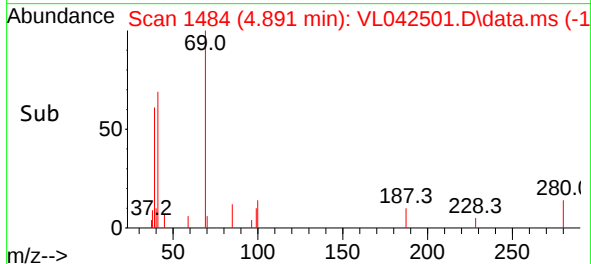
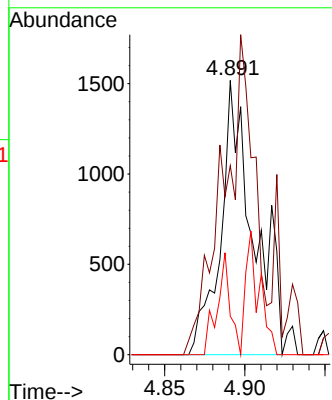
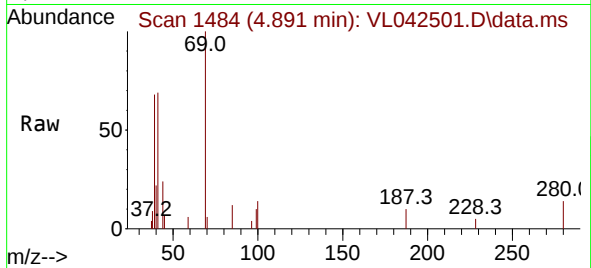
#43
Methyl Methacrylate
Concen: 0.362 ppbv m
RT: 4.891 min Scan# 1481
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 69 Resp: 215
Ion Ratio Lower Upper
69 100
41 130.0 120.8 181.2
100 33.8 26.7 40.1

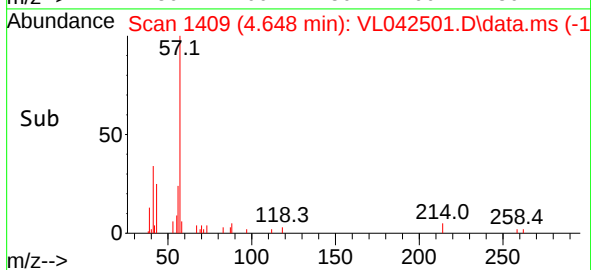
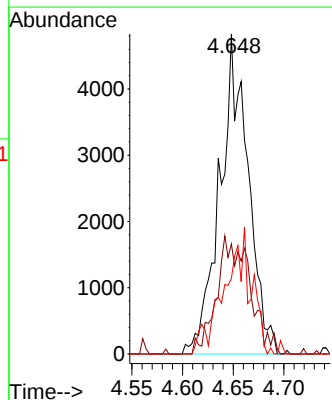
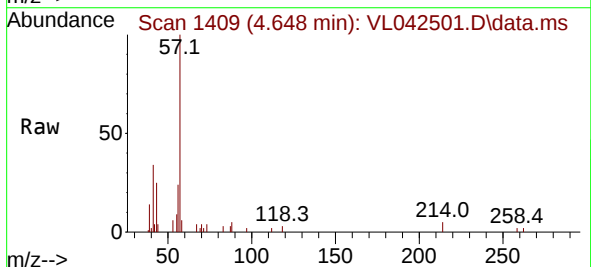
Manual Integrations
APPROVED

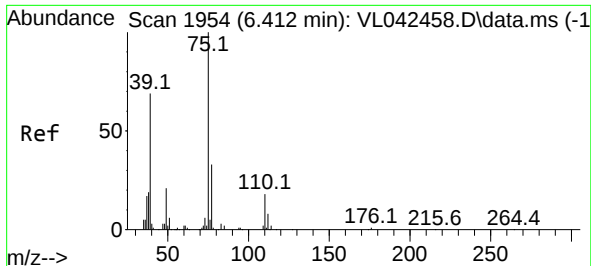
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
2,2,4-Trimethylpentane
Concen: 0.363 ppbv m
RT: 4.648 min Scan# 1409
Delta R.T. 0.013 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 57 Resp: 9388
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8#
56 0.0 25.0 37.6#





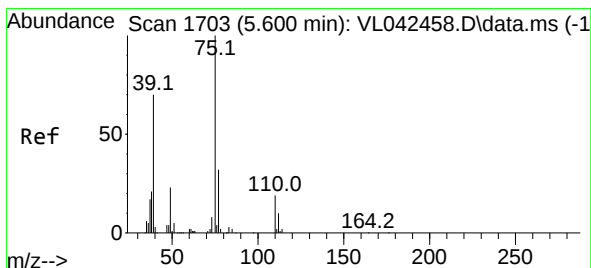
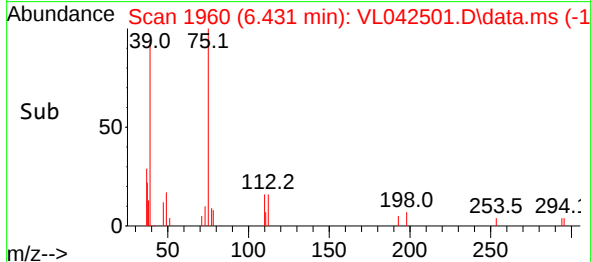
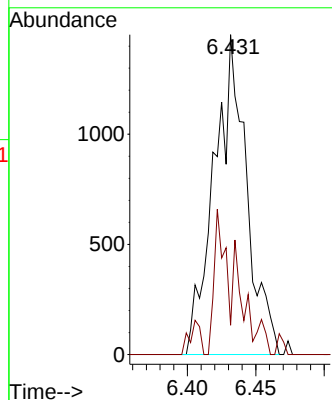
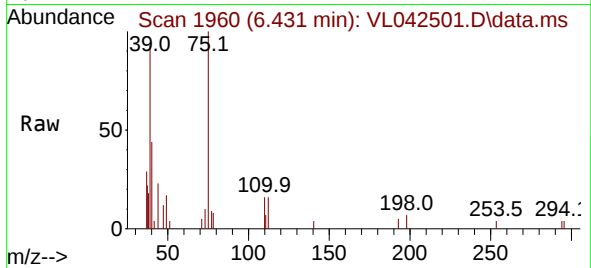
#45
 t-1,3-Dichloropropene
 Concen: 0.306 ppbv m
 RT: 6.431 min Scan# 1954
 Delta R.T. 0.020 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

Tgt Ion: 75 Resp: 239
 Ion Ratio Lower Upper
 75 100
 77 9.2 26.3 39.5

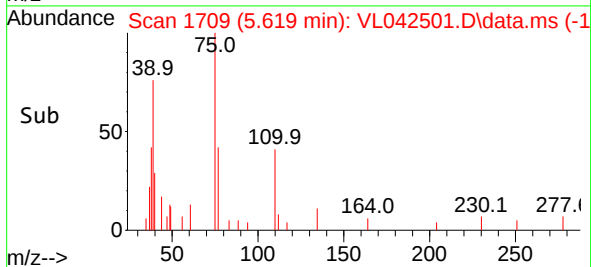
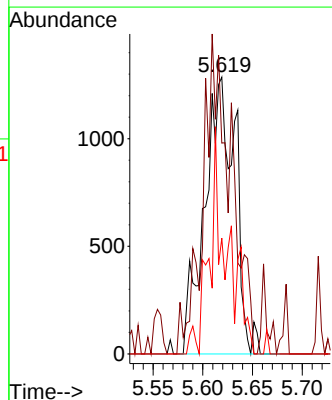
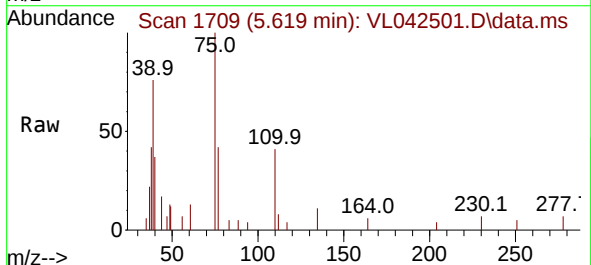
Manual Integrations
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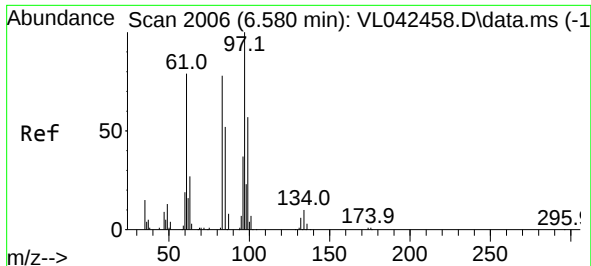
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#46
 cis-1,3-Dichloropropene
 Concen: 0.297 ppbv m
 RT: 5.619 min Scan# 1709
 Delta R.T. 0.020 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

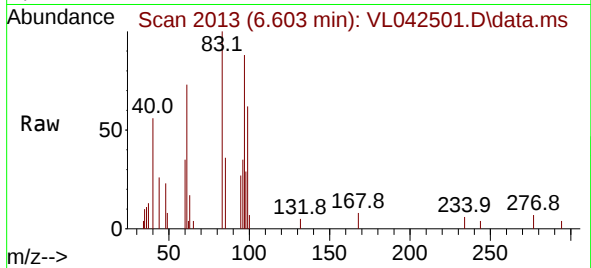
Tgt Ion: 75 Resp: 2755
 Ion Ratio Lower Upper
 75 100
 39 76.2 55.7 83.5
 77 41.8 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 0.463 ppbv m
RT: 6.603 min Scan# 2006
Delta R.T. 0.023 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

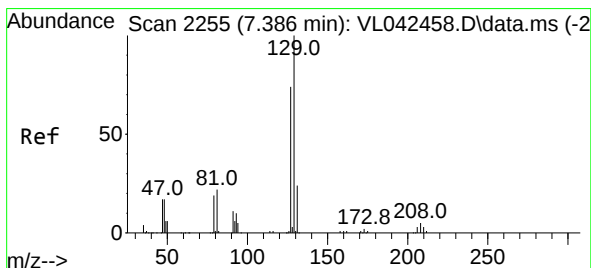
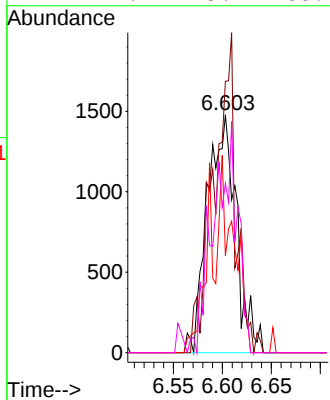
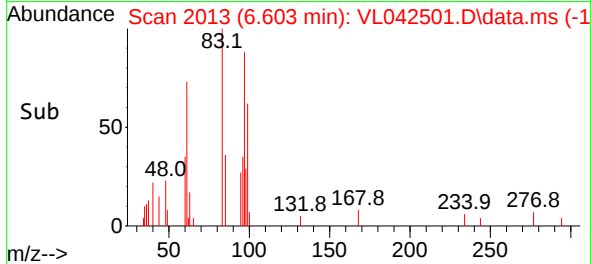
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 97 Resp: 303
Ion Ratio Lower Upper
97 100
83 114.1 62.2 93.2
85 40.7 41.5 62.3
99 71.1 45.4 68.0

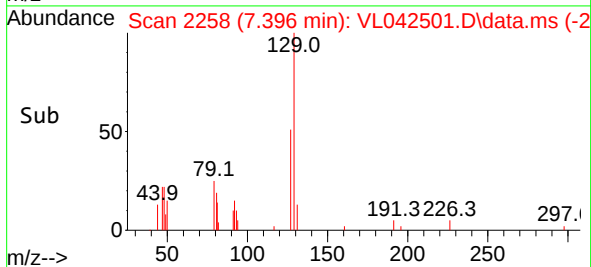
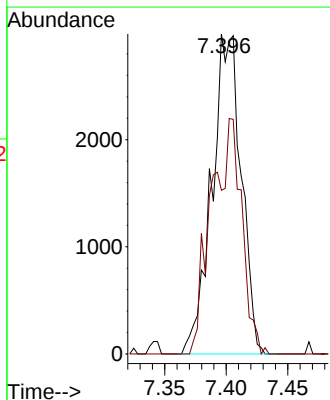
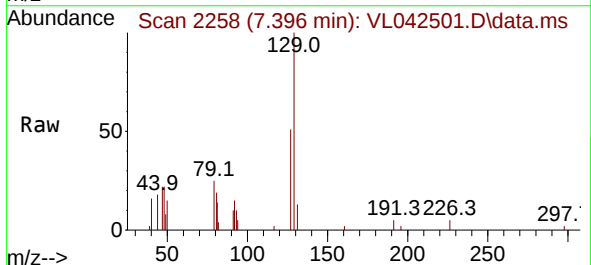
Manual Integrations
APPROVED

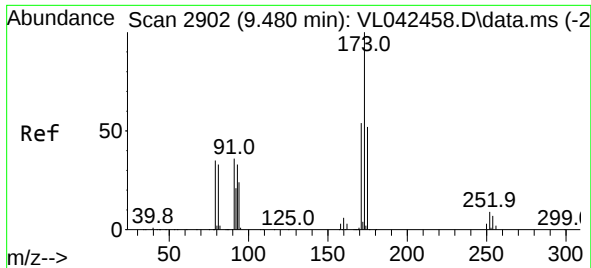
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Dibromochloromethane
Concen: 0.449 ppbv m
RT: 7.396 min Scan# 2258
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

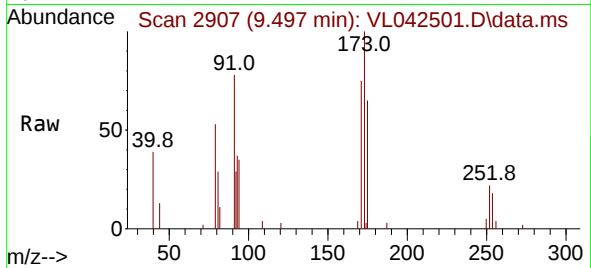
Tgt Ion:129 Resp: 4973
Ion Ratio Lower Upper
129 100
127 75.9 39.5 118.5





#49
Bromoform
Concen: 0.407 ppbv
RT: 9.497 min Scan# 2902
Delta R.T. 0.016 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

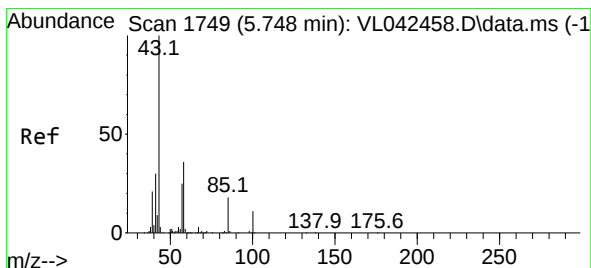
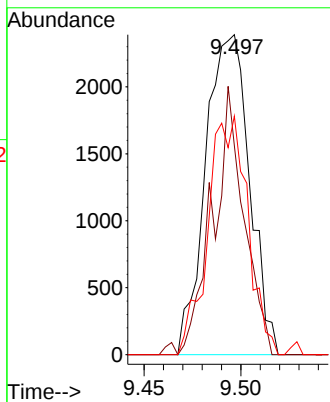
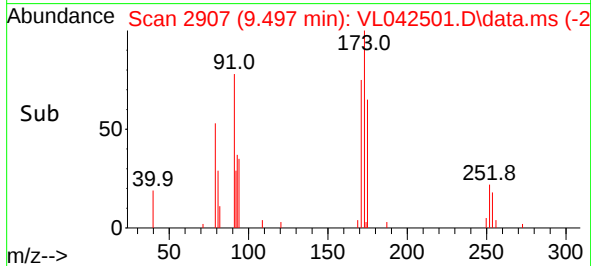
Instrument : MSVOA_L
ClientSampleId : MDL1 0.40



Tgt Ion: 173 Resp: 3770
Ion Ratio Lower Upper
173 100
175 60.2 38.9 58.3
171 68.0 40.6 60.8

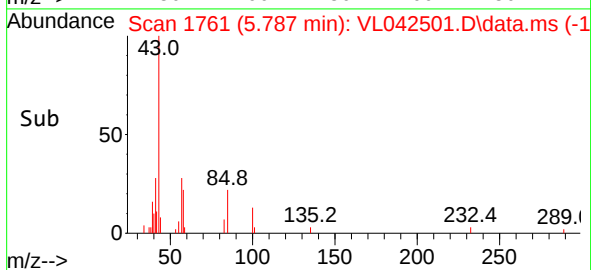
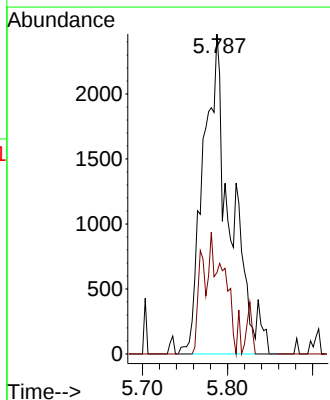
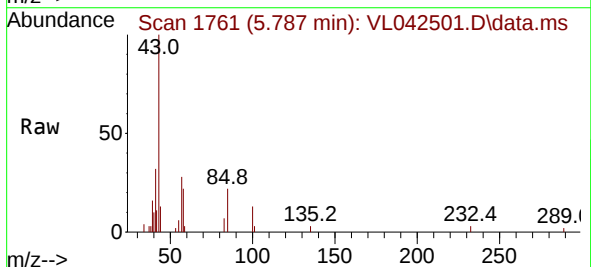
Manual Integrations
APPROVED

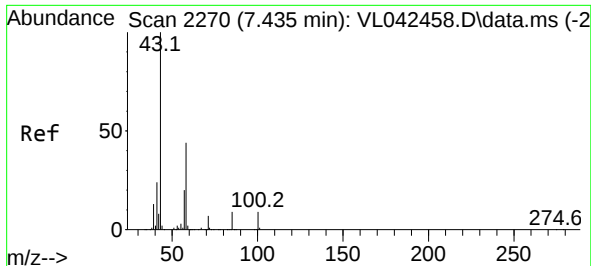
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
4-Methyl-2-Pentanone
Concen: 0.351 ppbv m
RT: 5.787 min Scan# 1761
Delta R.T. 0.039 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

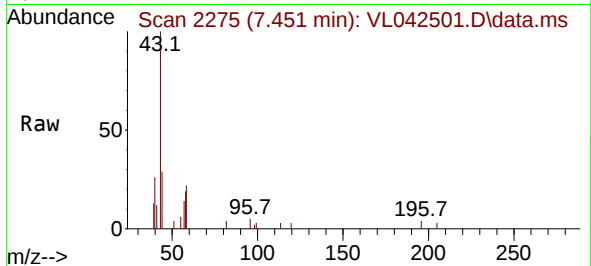
Tgt Ion: 43 Resp: 5427
Ion Ratio Lower Upper
43 100
58 31.3 29.5 44.3





#51
2-Hexanone
Concen: 0.316 ppbv m
RT: 7.451 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

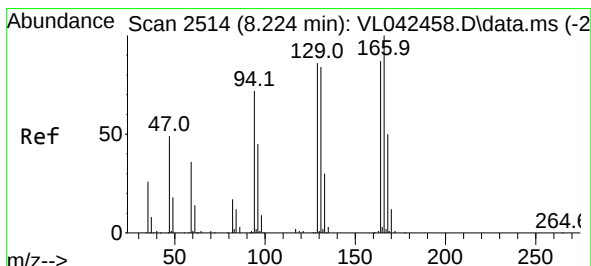
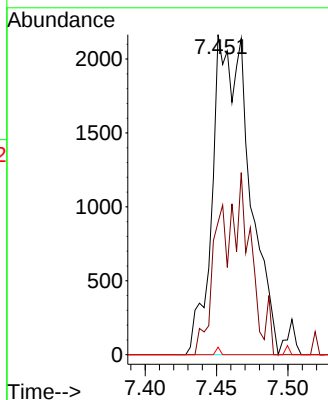
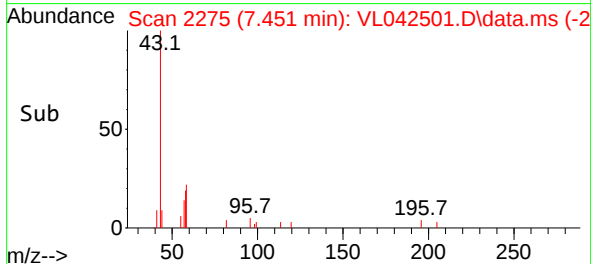
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



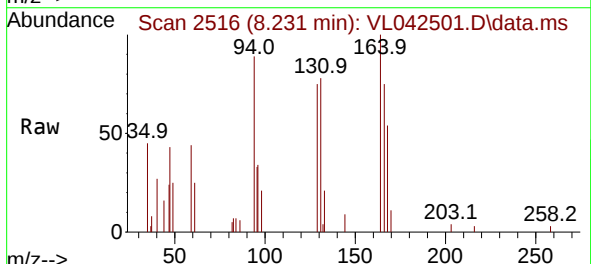
Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 47.2 37.2 55.8
98 0.0 0.4 0.6

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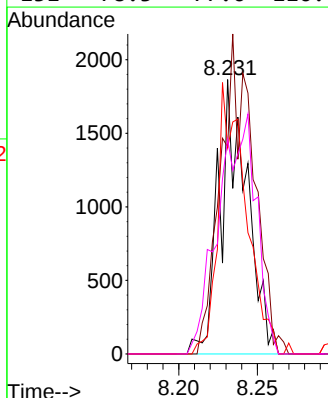
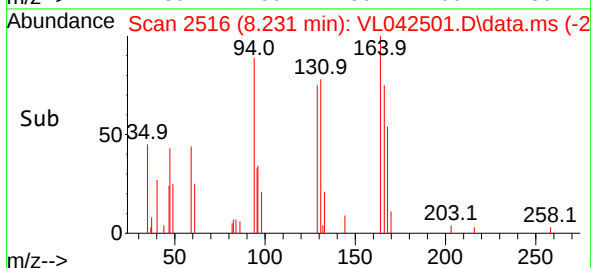
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

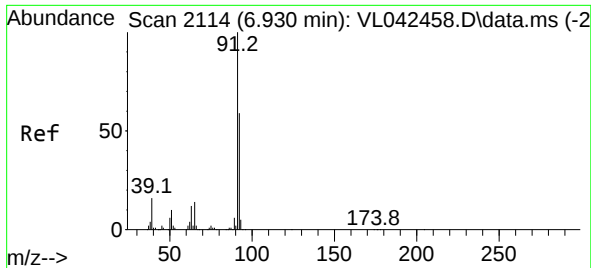


#52
Tetrachloroethene
Concen: 0.381 ppbv m
RT: 8.231 min Scan# 2516
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36



Tgt Ion:164 Resp: 2313
Ion Ratio Lower Upper
164 100
166 75.4 91.6 137.4#
129 75.2 79.0 118.4#
131 78.3 77.6 116.4





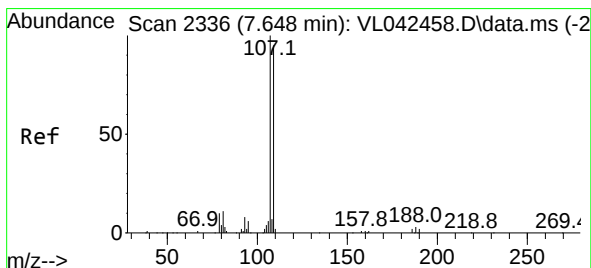
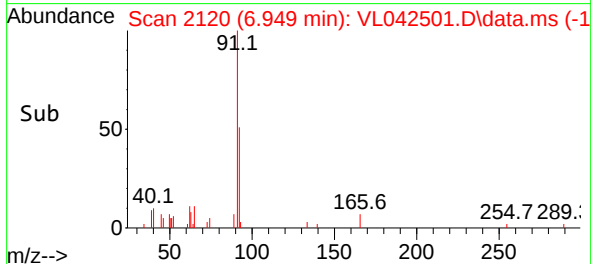
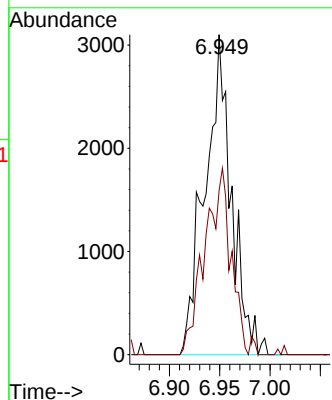
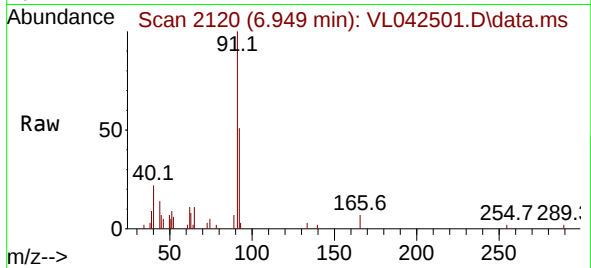
#53
Toluene
Concen: 0.335 ppbv m
RT: 6.949 min Scan# 2114
Delta R.T. 0.020 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 91 Resp: 566
Ion Ratio Lower Upper
91 100
92 58.4 47.9 71.9

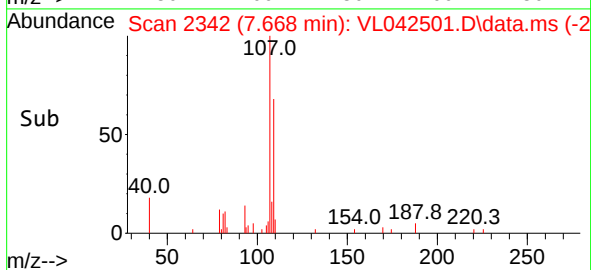
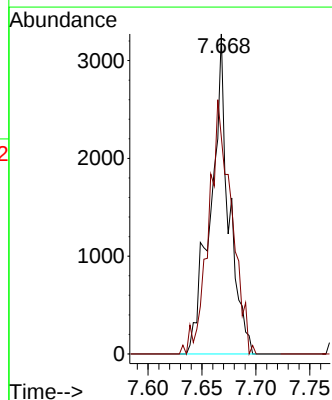
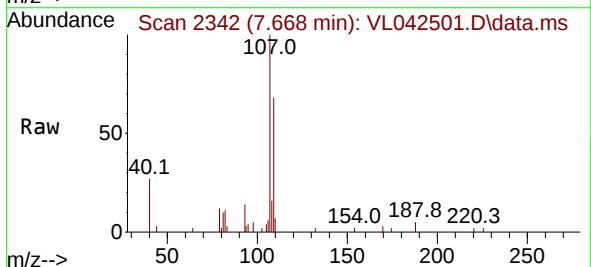
Manual Integrations
APPROVED

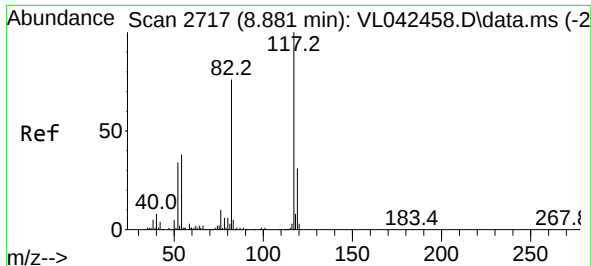
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#54
1,2-Dibromoethane
Concen: 0.382 ppbv m
RT: 7.668 min Scan# 2342
Delta R.T. 0.020 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

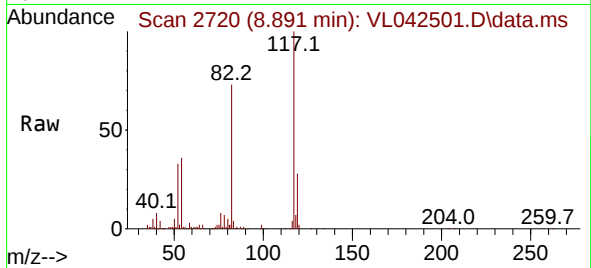
Tgt Ion:107 Resp: 3829
Ion Ratio Lower Upper
107 100
109 67.8 76.0 114.0#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2717
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

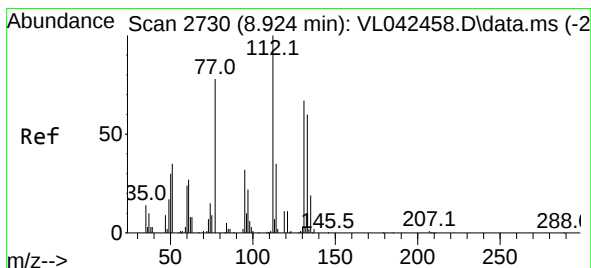
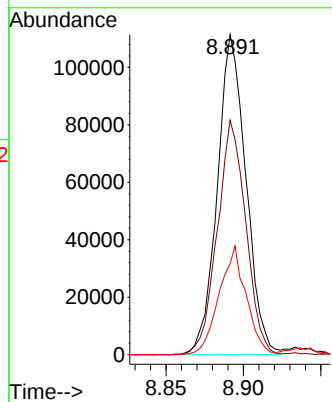
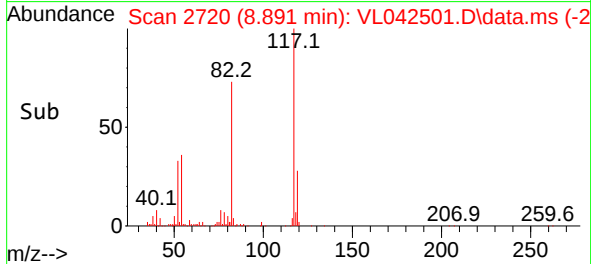
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion:117 Resp: 142960
Ion Ratio Lower Upper
117 100
82 73.5 63.5 95.3
119 32.2 25.8 38.8

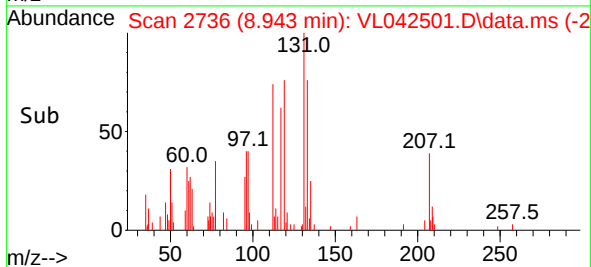
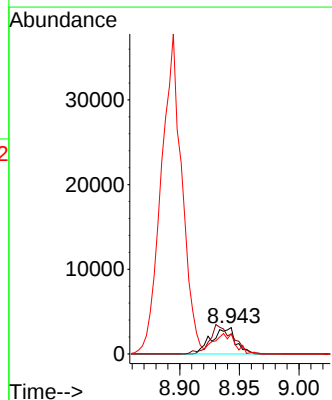
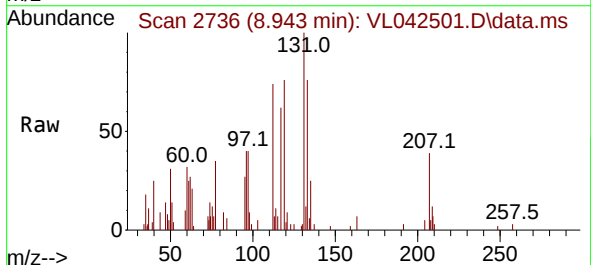
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Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.514 ppbv m
RT: 8.943 min Scan# 2736
Delta R.T. 0.020 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

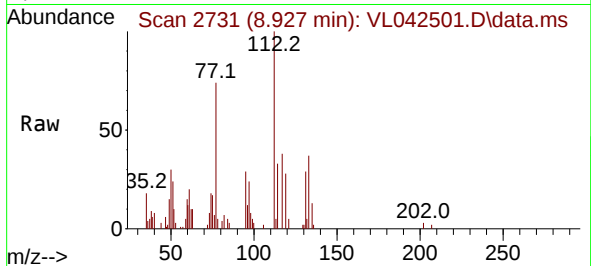
Tgt Ion:131 Resp: 4340
Ion Ratio Lower Upper
131 100
133 107.2 76.0 114.0
119 0.0 46.1 69.1#





#57
Chlorobenzene
Concen: 0.489 ppbv
RT: 8.927 min Scan# 2729
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

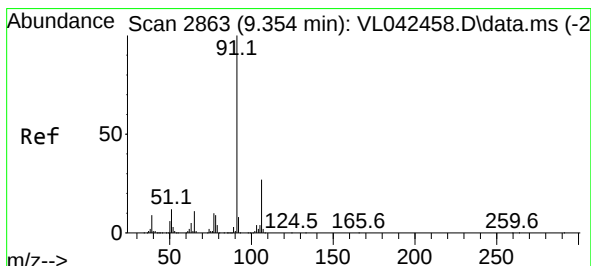
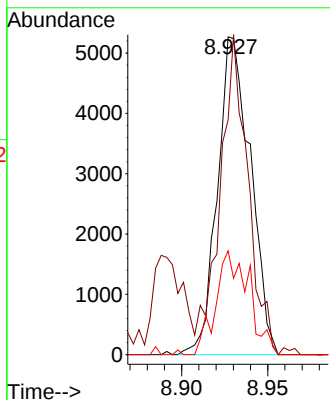
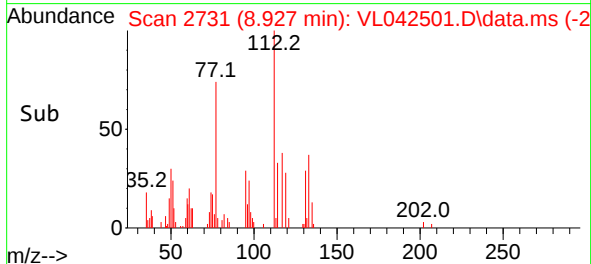
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion:112 Resp: 7029
Ion Ratio Lower Upper
112 100
77 73.9 65.0 97.4
114 32.7 27.5 33.7

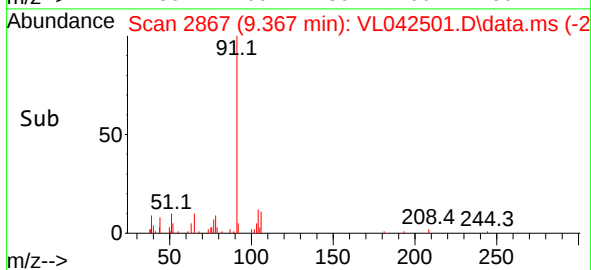
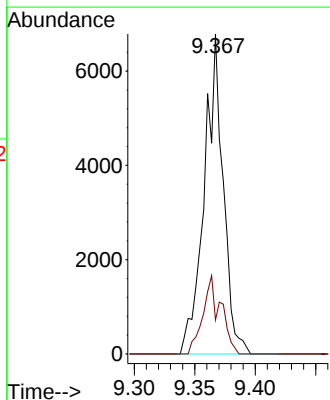
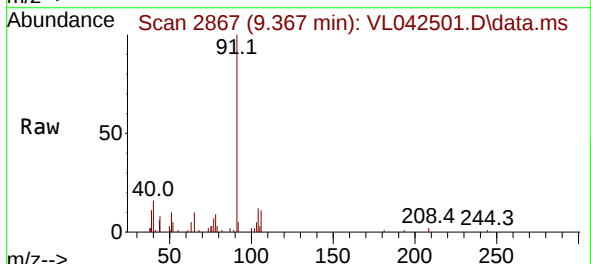
Manual Integrations
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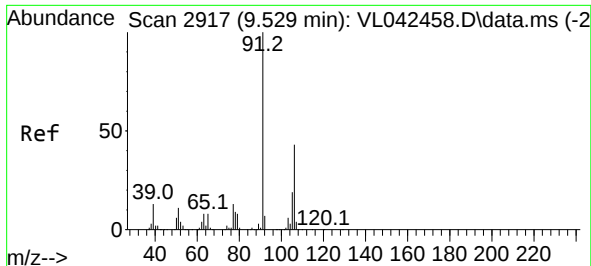
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58
Ethyl Benzene
Concen: 0.311 ppbv m
RT: 9.367 min Scan# 2867
Delta R.T. 0.013 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 91 Resp: 7420
Ion Ratio Lower Upper
91 100
106 10.6 21.9 32.9#





#59

m/p-Xylene

Concen: 0.609 ppbv m

RT: 9.539 min Scan# 2917

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

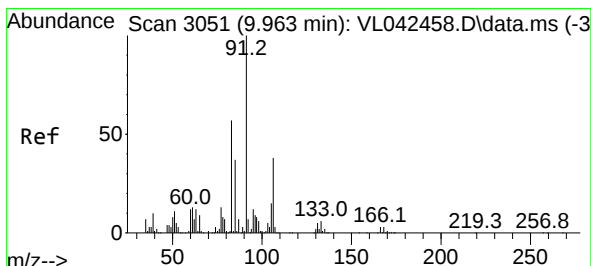
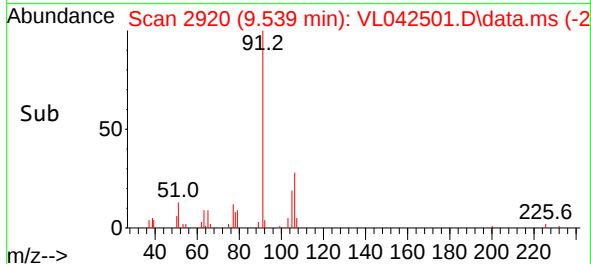
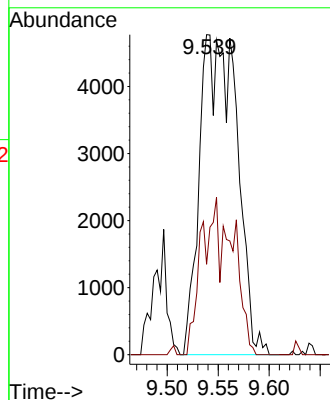
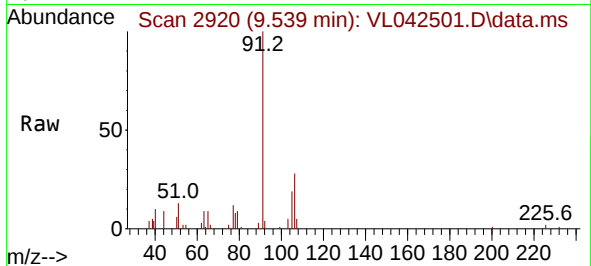
MDL1 0.40

Tgt Ion: 91 Resp: 1219
 Ion Ratio Lower Upper
 91 100
 106 0.0 34.2 51.2

Manual Integrations

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



#60

o-Xylene

Concen: 0.291 ppbv

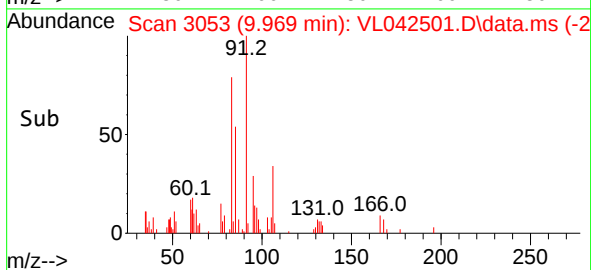
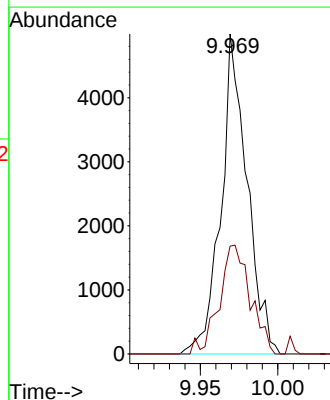
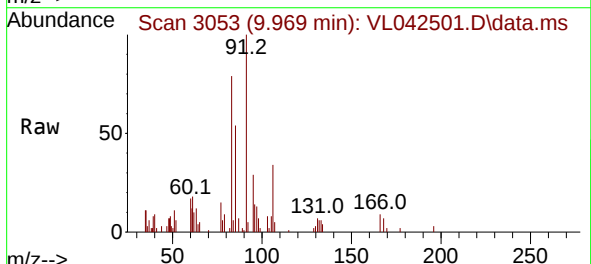
RT: 9.969 min Scan# 3053

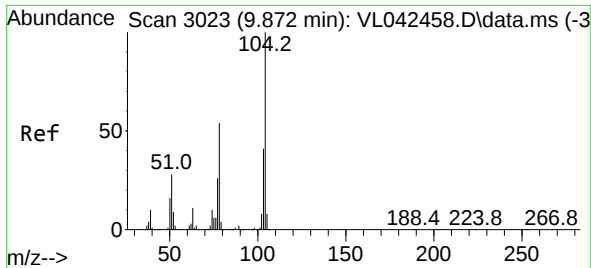
Delta R.T. 0.007 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Tgt Ion: 91 Resp: 5844
 Ion Ratio Lower Upper
 91 100
 106 41.9 20.1 60.2





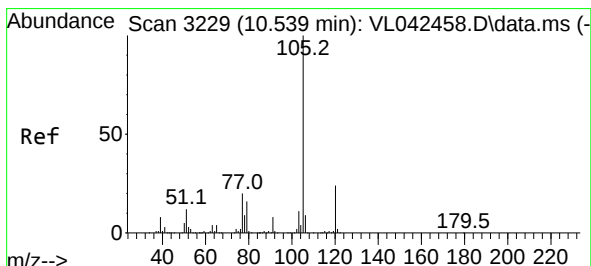
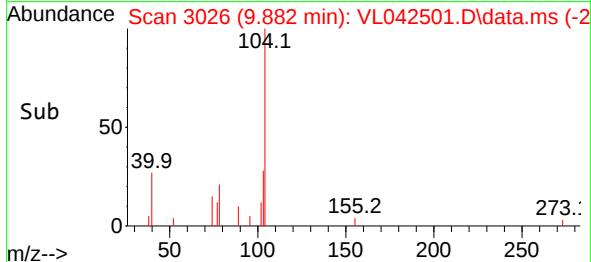
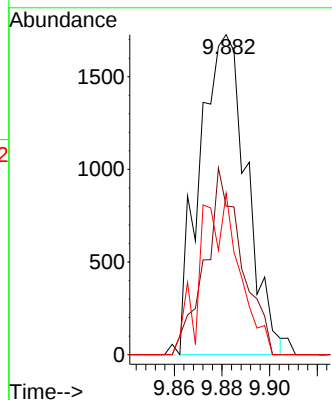
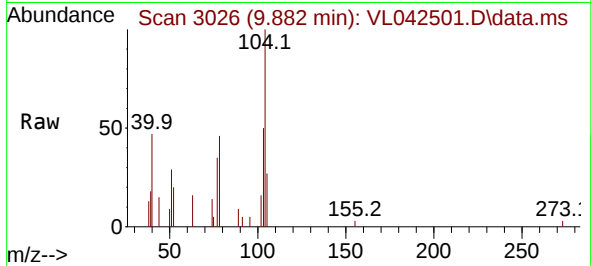
#61
Styrene
Concen: 0.316 ppbv
RT: 9.882 min Scan# 3023
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion:104 Resp: 2368
Ion Ratio Lower Upper
104 100
78 45.2 46.9 70.3
103 41.9 36.6 55.0

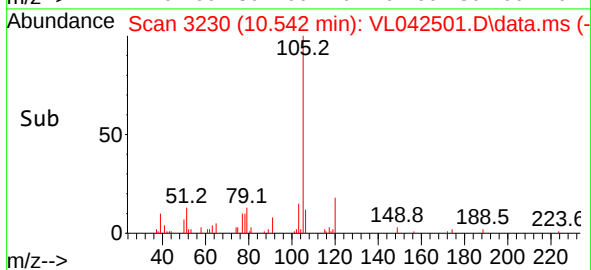
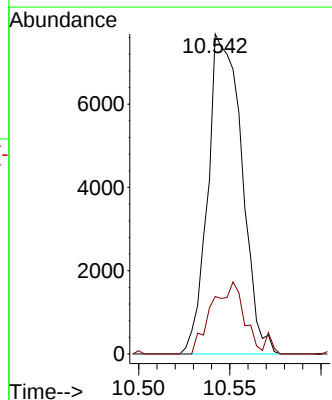
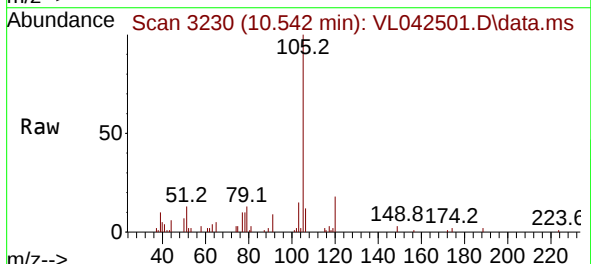
Manual Integrations
APPROVED

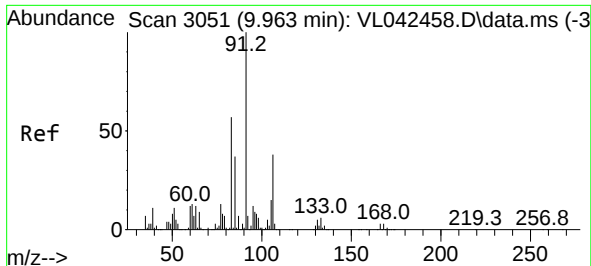
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62
Isopropylbenzene
Concen: 0.344 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:105 Resp: 9948
Ion Ratio Lower Upper
105 100
120 22.7 18.8 28.2





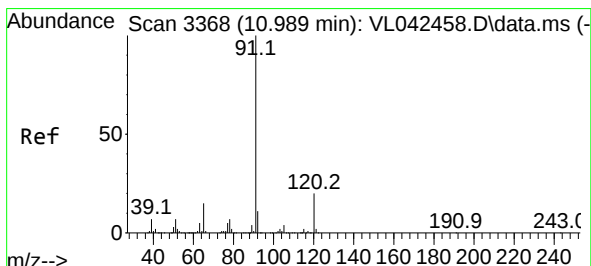
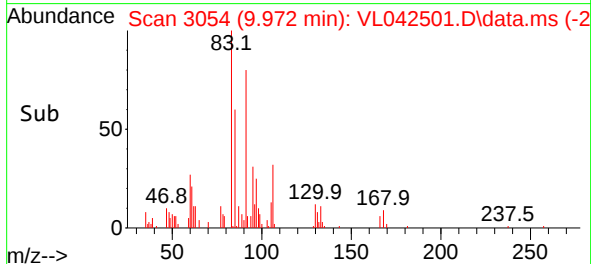
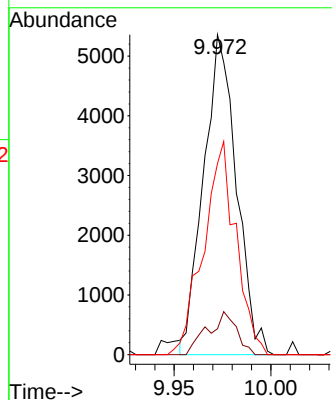
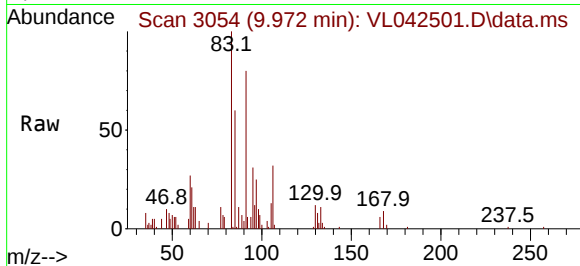
#63
1,1,2,2-Tetrachloroethane
Concen: 0.457 ppbv
RT: 9.972 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 83 Resp: 6325
Ion Ratio Lower Upper
83 100
131 11.7 4.7 14.1
85 65.6 32.5 97.4

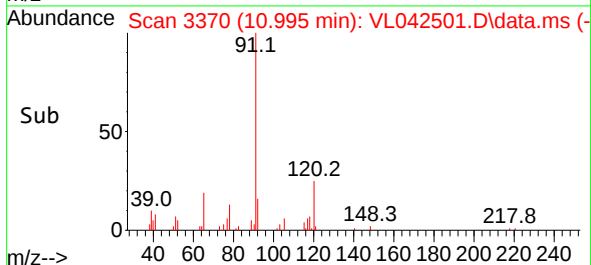
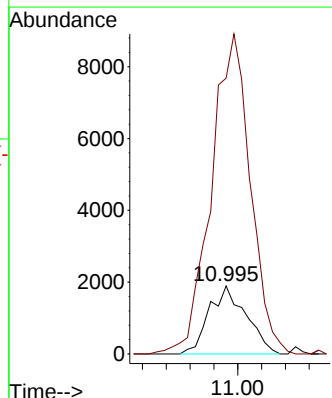
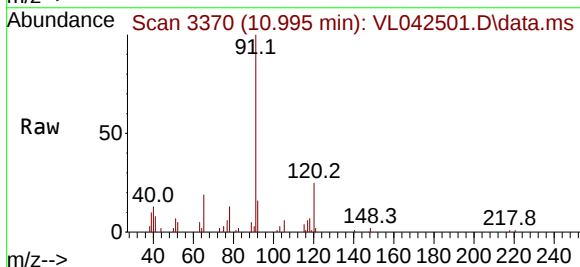
Manual Integrations
APPROVED

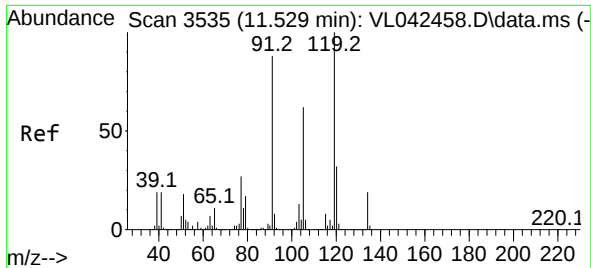
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#64
n-propylbenzene
Concen: 0.290 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

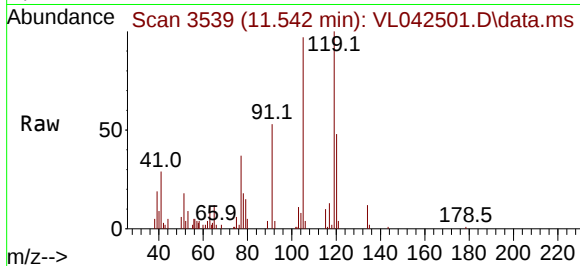
Tgt Ion:120 Resp: 2048
Ion Ratio Lower Upper
120 100
91 499.3 408.6 612.8





#65
tert-Butylbenzene
Concen: 0.278 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.013 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

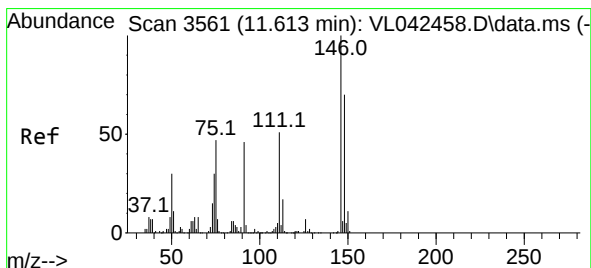
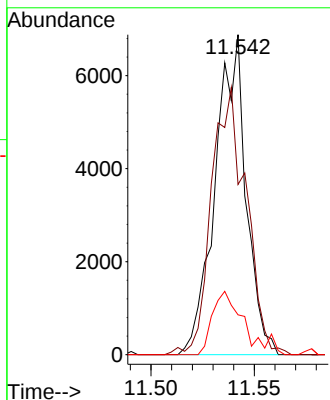
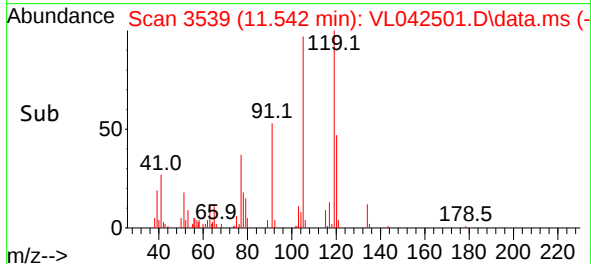
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



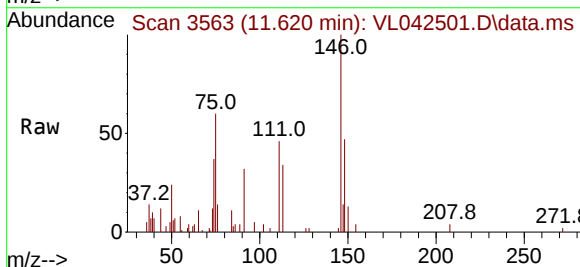
Tgt Ion: 119 Resp: 7164
Ion Ratio Lower Upper
119 100
91 93.3 71.6 107.4
134 20.9 15.0 22.4

Manual Integrations
APPROVED

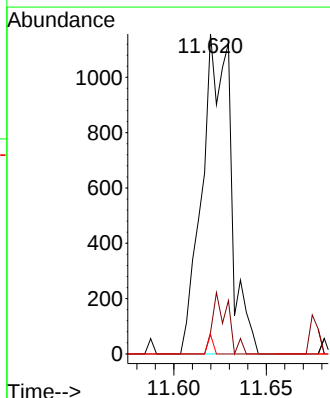
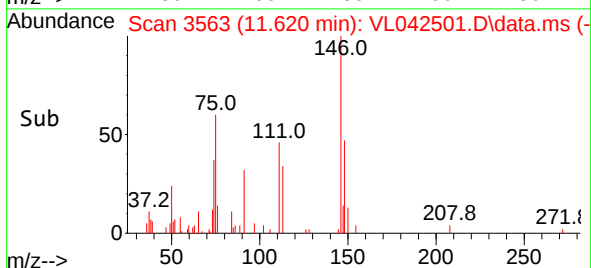
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

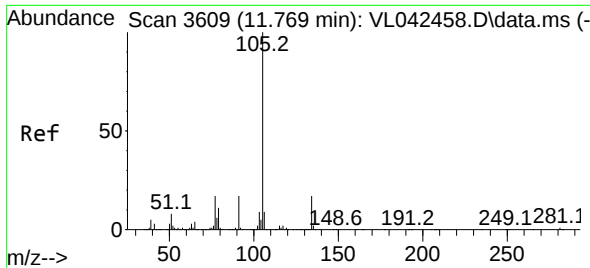


#66
Benzyl Chloride
Concen: 0.420 ppbv m
RT: 11.620 min Scan# 3563
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36



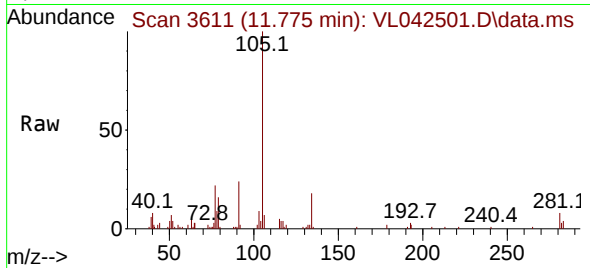
Tgt Ion: 91 Resp: 1252
Ion Ratio Lower Upper
91 100
126 0.0 13.3 19.9#
128 0.0 4.2 6.4#





#67
 sec-Butylbenzene
 Concen: 0.317 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

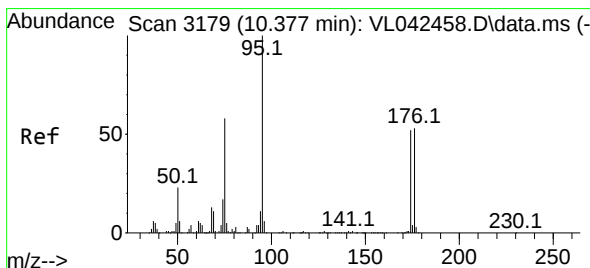
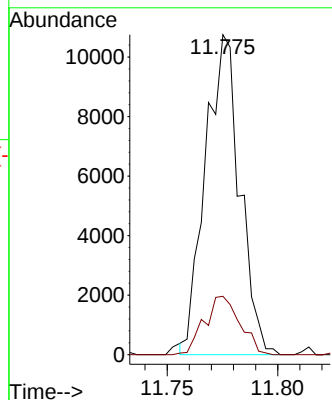
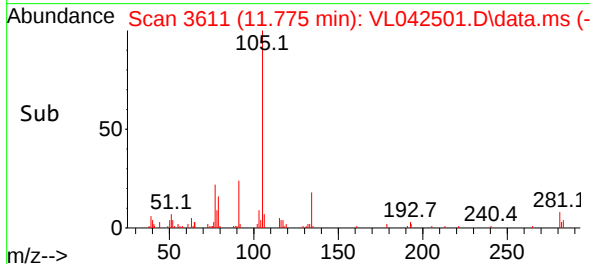
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



Tgt Ion:105 Resp: 11638
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.1 21.1

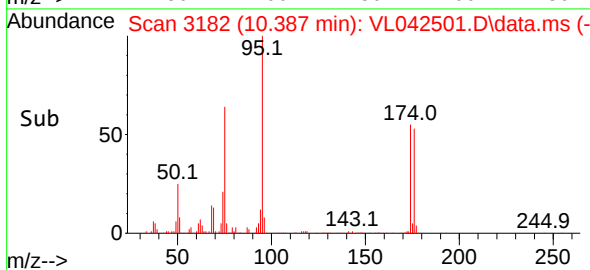
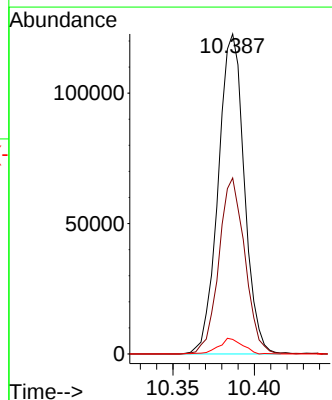
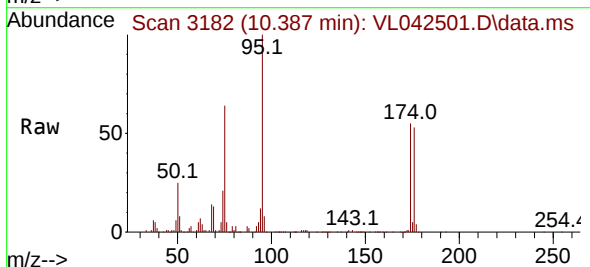
Manual Integrations
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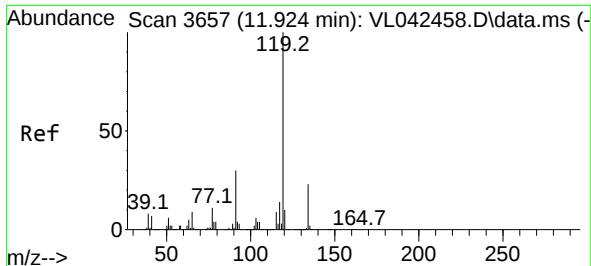
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.281 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.010 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion: 95 Resp: 136275
 Ion Ratio Lower Upper
 95 100
 174 55.1 42.7 64.1
 175 4.5 3.6 5.4





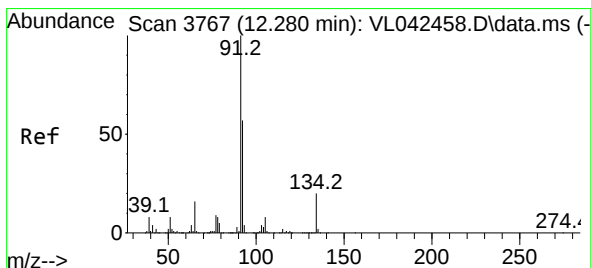
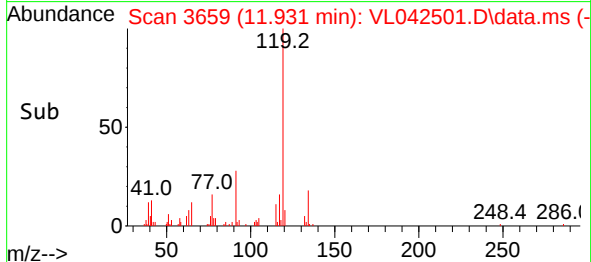
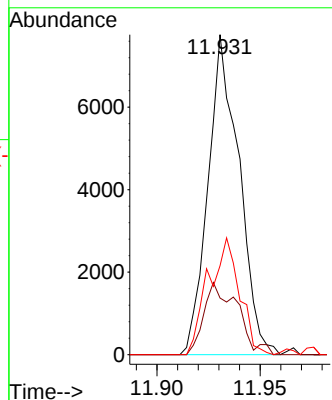
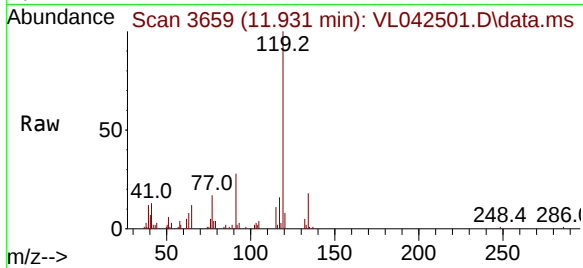
#69
p-Isopropyltoluene
Concen: 0.262 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.5	19.0	28.4
91	38.4	25.5	38.3

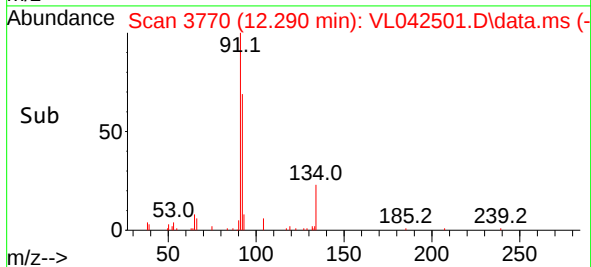
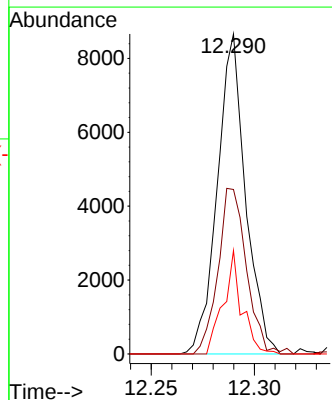
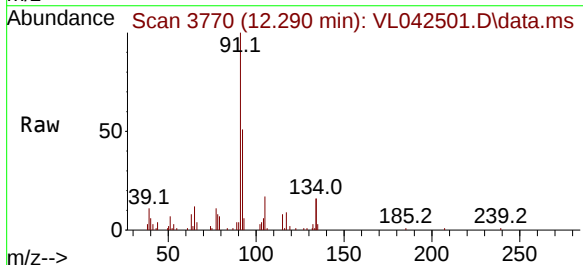
Manual Integrations
APPROVED

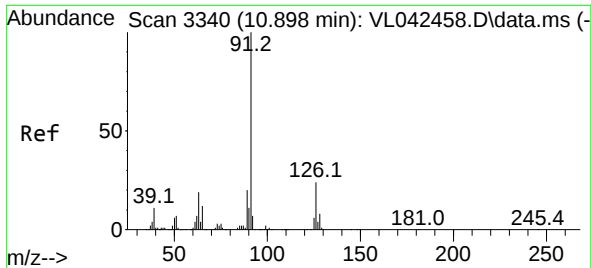
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#70
n-Butylbenzene
Concen: 0.257 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	44.0	66.0
134	21.3	16.8	25.2





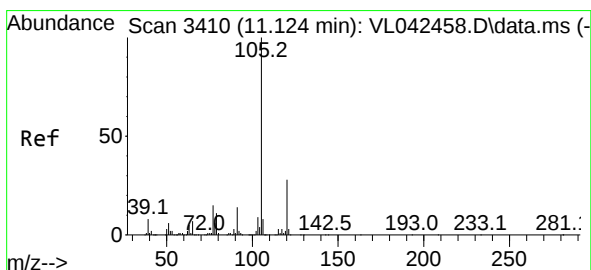
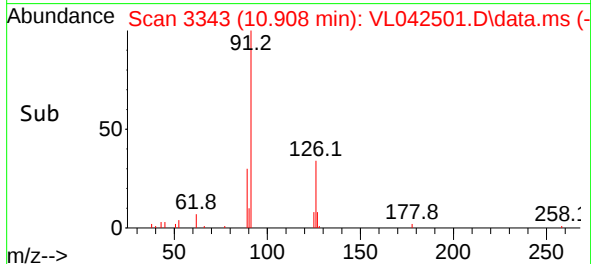
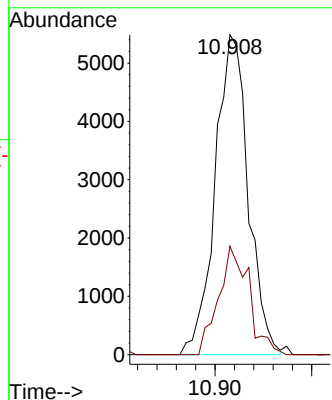
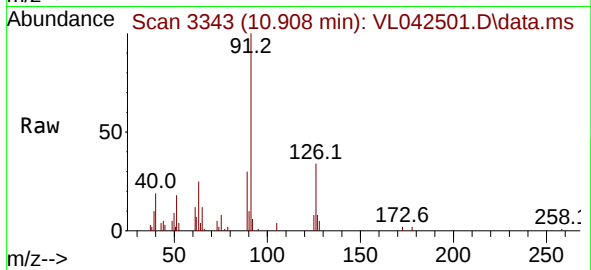
#71
2-Chlorotoluene
Concen: 0.286 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 91 Resp: 649
Ion Ratio Lower Upper
91 100
126 31.3 10.6 42.2

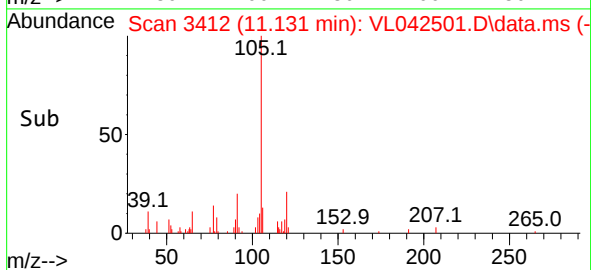
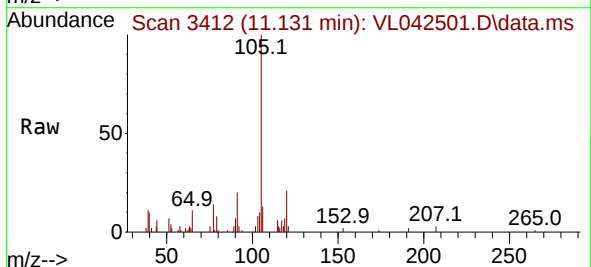
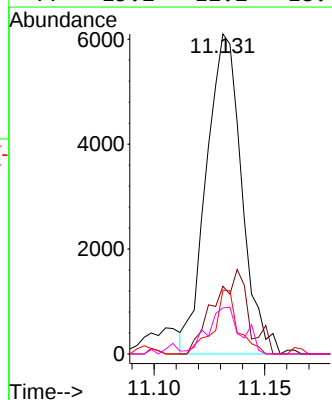
Manual Integrations
APPROVED

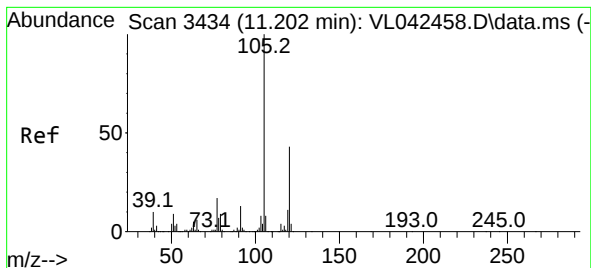
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 0.286 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:105 Resp: 6753
Ion Ratio Lower Upper
105 100
120 26.5 22.0 33.0
91 15.0 11.2 16.8
77 15.2 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.278 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

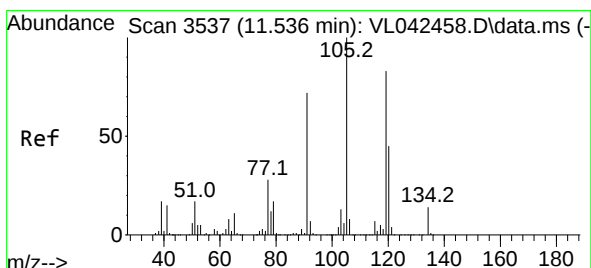
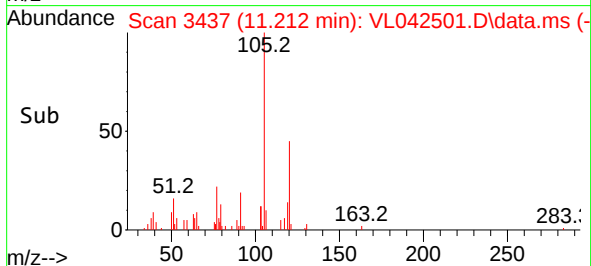
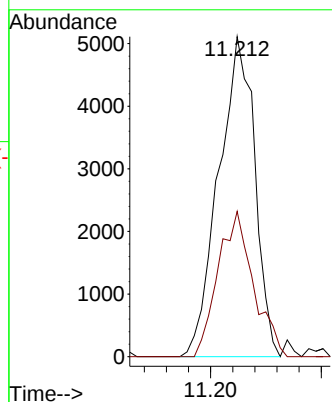
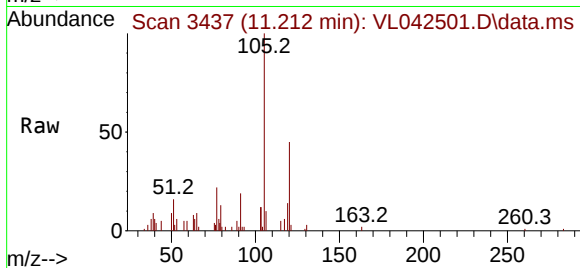
MDL1 0.40

Tgt Ion:105 Resp: 5789
 Ion Ratio Lower Upper
 105 100
 120 45.4 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: 0.262 ppbv

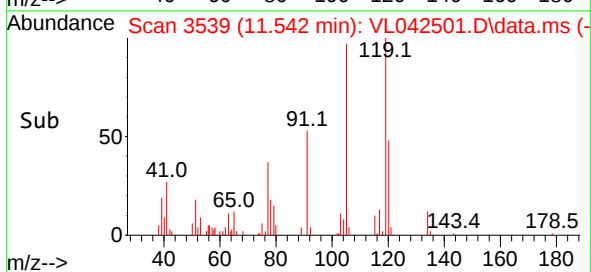
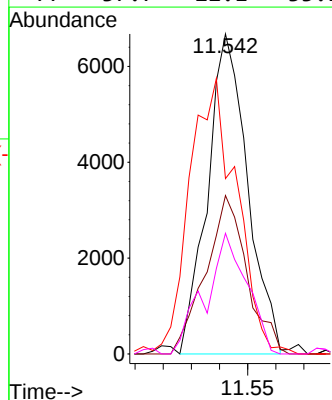
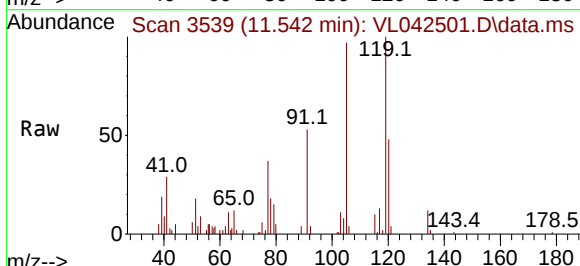
RT: 11.542 min Scan# 3539

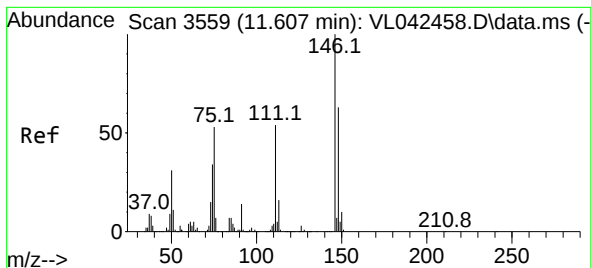
Delta R.T. 0.007 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Tgt Ion:105 Resp: 6593
 Ion Ratio Lower Upper
 105 100
 120 47.9 36.1 54.1
 91 52.6 57.6 86.4#
 77 37.7 22.1 33.1#





#75

1,3-Dichlorobenzene

Concen: 0.393 ppbv

RT: 11.617 min Scan# 3559

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

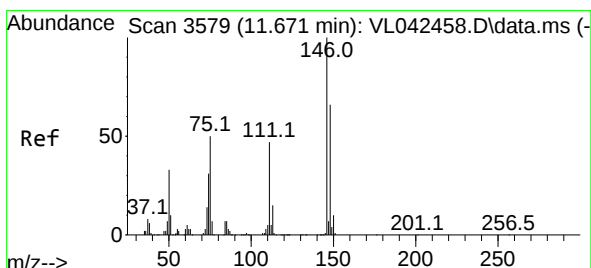
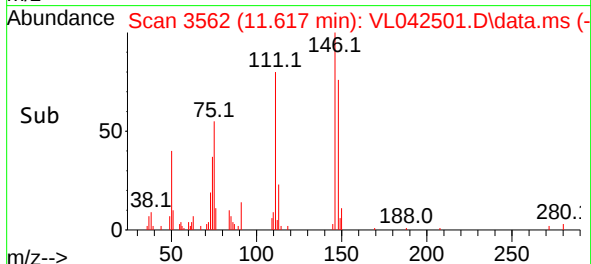
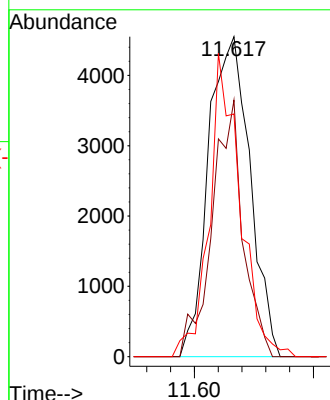
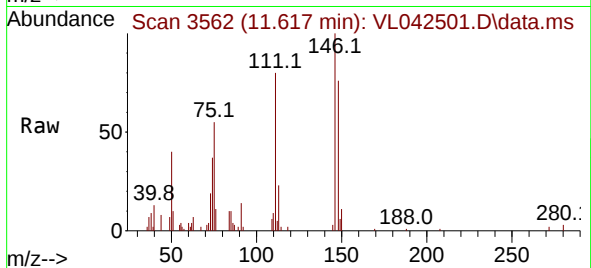
Tgt Ion:	146	Resp:	5504
Ion	Ratio	Lower	Upper
146	100		
111	59.8	26.1	78.3
148	70.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#76

1,4-Dichlorobenzene

Concen: 0.404 ppbv

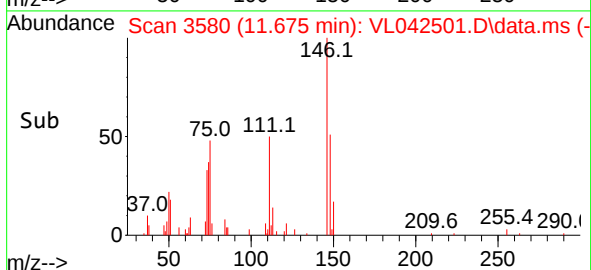
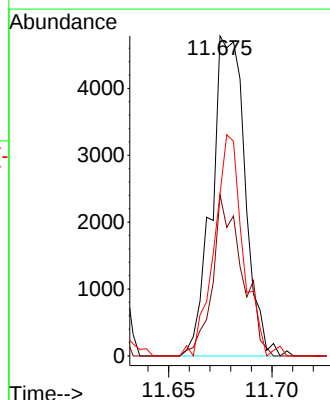
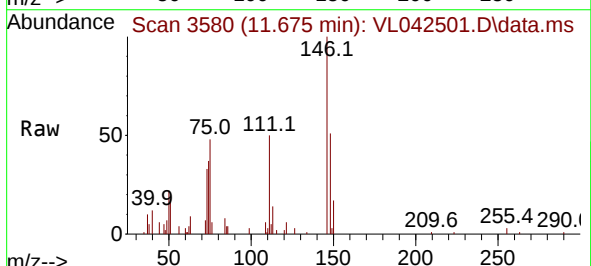
RT: 11.675 min Scan# 3580

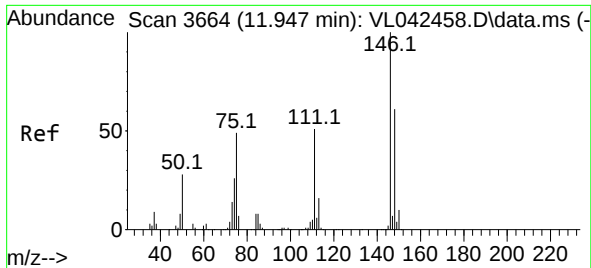
Delta R.T. 0.003 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Tgt Ion:	146	Resp:	5351
Ion	Ratio	Lower	Upper
146	100		
111	44.9	24.4	73.2
148	60.2	32.0	96.2





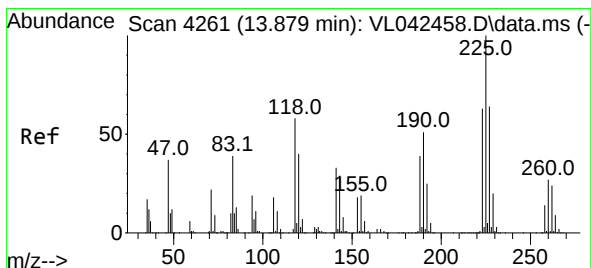
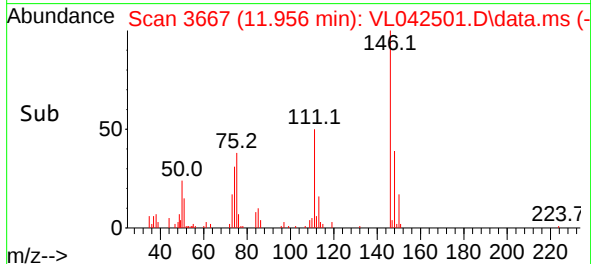
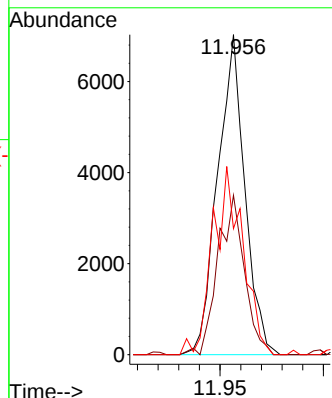
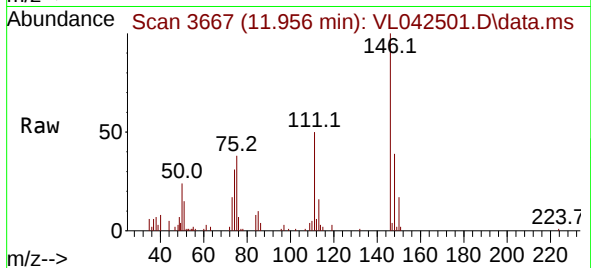
#77
1,2-Dichlorobenzene
Concen: 0.470 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion:146 Resp: 6439
Ion Ratio Lower Upper
146 100
111 48.9 26.5 79.5
148 64.8 31.5 94.5

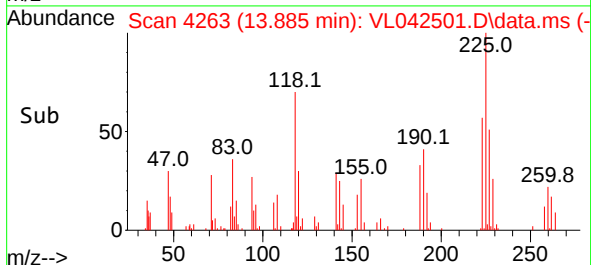
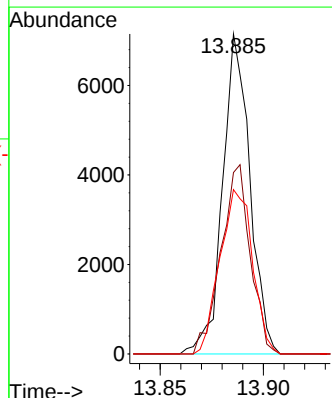
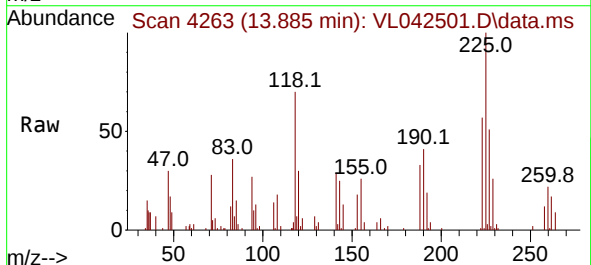
Manual Integrations
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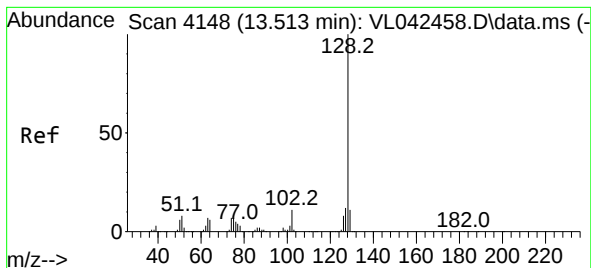
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#78
Hexachloro-1,3-Butadiene
Concen: 0.480 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:225 Resp: 6569
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 61.6 51.2 76.8





#79

Naphthalene

Concen: 0.207 ppbv

RT: 13.523 min Scan# 4151

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

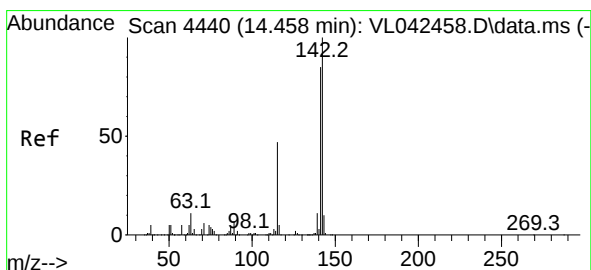
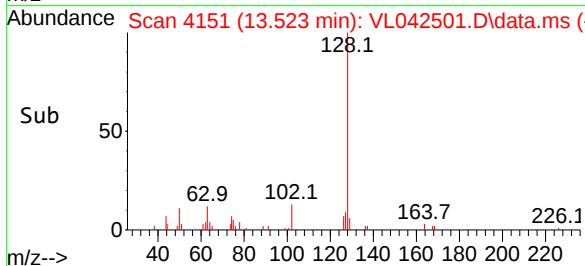
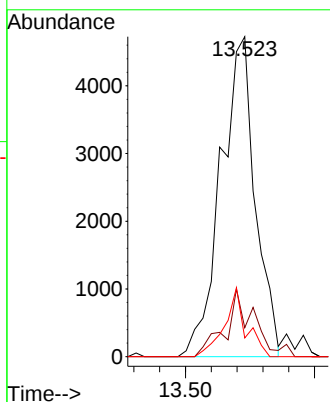
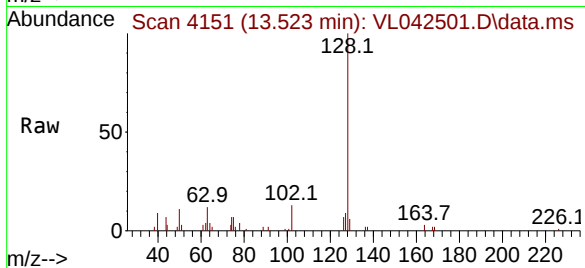
MDL1 0.40

Tgt Ion:	128	Resp:	438
Ion Ratio	Lower	Upper	
128	100		
127	9.1	9.7	14.5
129	5.8	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: 0.099 ppbv

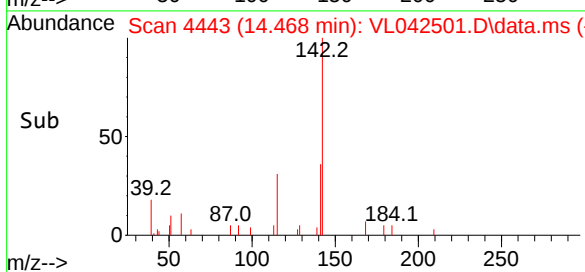
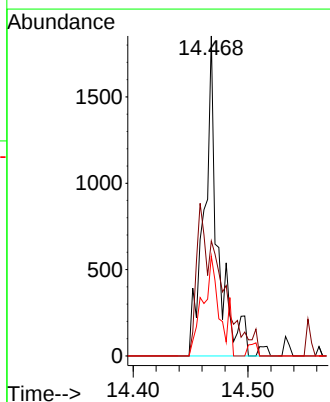
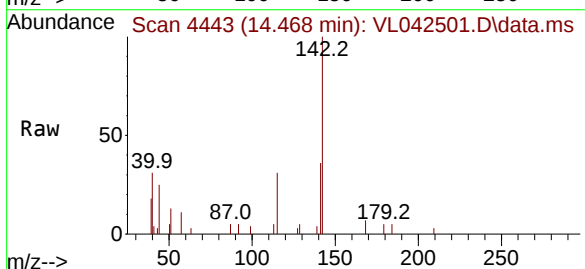
RT: 14.468 min Scan# 4443

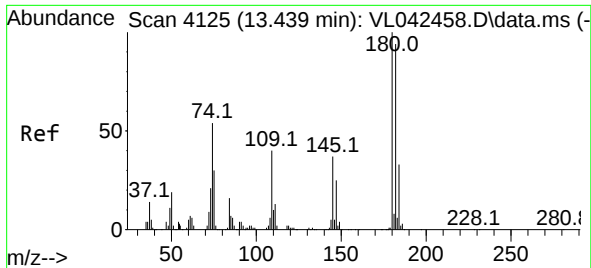
Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

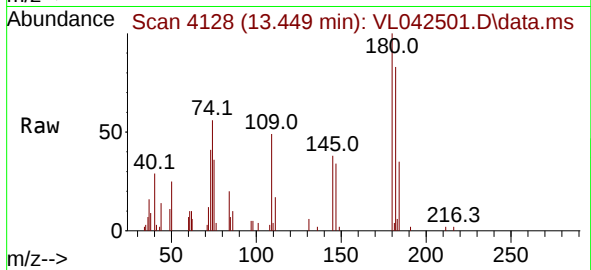
Tgt Ion:	142	Resp:	1553
Ion Ratio	Lower	Upper	
142	100		
141	80.8	67.4	101.0
115	38.4	36.9	55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.210 ppbv
 RT: 13.449 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



Tgt Ion:180	Resp:	237
Ion Ratio	Lower	Upper
180	100	
182	106.6	74.6 111.8
184	38.3	24.9 37.3

Manual Integrations
 APPROVED

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

