

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041882.D
 Acq On : 09 Jan 2025 23:47
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 03:12:29 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

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

QLast Update : Fri Jan 10 00:31:30 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	115767	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	347764	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.894	117	306857	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.386 95 248419 10.096 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	3122	0.164	ppbv	92
3) Chlorodifluoromethane	1.479	51	3254	0.156	ppbv	94
4) Chloromethane	1.534	50	1413	0.191	ppbv #	65
5) Vinyl Chloride	1.583	62	1299	0.165	ppbv	97
6) Bromomethane	1.670	94	695	0.188	ppbv #	58
7) Chloroethane	1.709	64	509	0.167	ppbv #	88
8) Dichlorotetrafluoroethane	1.557	85	2371	0.143	ppbv	96
9) Propene	1.486	41	2074	0.213	ppbv	85
10) Heptane	4.997	43	3399m	0.132	ppbv	
11) Trichlorofluoromethane	1.884	101	2873	0.147	ppbv #	67
12) 1,1,2-Trichlorotrifluo...	2.146	101	2266	0.143	ppbv	94
13) Ethanol	1.725	45	591m	0.955	ppbv	
14) Bromoethene	1.783	108	758m	0.134	ppbv	
15) Acetone	1.842	43	5248	0.269	ppbv	100
16) 1,3-Butadiene	1.612	39	2301m	0.274	ppbv	
17) tert-Butyl alcohol	2.049	59	3009	0.136	ppbv #	81
18) 1,1-Dichloroethene	2.039	96	1274	0.178	ppbv	86
19) Isopropyl Alcohol	1.890	45	2591	0.252	ppbv #	84
20) Methylene Chloride	2.068	84	2140	0.321	ppbv	87
21) Allyl Chloride	2.101	41	2243m	0.180	ppbv	
22) trans-1,2-Dichloroethene	2.347	96	1223	0.148	ppbv	89
23) Vinyl Acetate	2.466	43	2079m	0.210	ppbv	
24) 1,1-Dichloroethane	2.421	63	2340	0.149	ppbv #	88
25) Ethyl Acetate	2.848	43	5188	0.107	ppbv #	93
26) Hexane	2.835	57	2842	0.142	ppbv #	87
27) Carbon Disulfide	2.159	76	2000	0.105	ppbv #	1
28) Methyl tert-Butyl Ether	2.453	73	1736	0.114	ppbv #	82
29) Chloroform	2.855	83	3931	0.141	ppbv #	62
30) Cyclohexane	3.868	84	2401m	0.140	ppbv	
31) cis-1,2-Dichloroethene	2.732	61	2710m	0.139	ppbv	
32) 1,1,1-Trichloroethane	3.382	97	3308	0.119	ppbv #	91
34) 2-Butanone	2.573	43	3967	0.137	ppbv	98
35) Carbon Tetrachloride	3.774	117	2870m	0.106	ppbv	
36) Benzene	3.674	78	4958	0.123	ppbv #	91
37) 1,2-Dichloroethane	3.227	62	2893	0.137	ppbv #	93
38) Trichloroethene	4.567	130	2285m	0.143	ppbv	
39) 1,2-Dichloropropane	4.327	63	1919m	0.134	ppbv	
40) 1,4-Dioxane	4.638	88	997m	0.138	ppbv	
41) Tetrahydrofuran	3.078	42	2189m	0.129	ppbv	
42) Bromodichloromethane	4.505	83	3183m	0.109	ppbv	
43) Methyl Methacrylate	4.904	69	1712m	0.104	ppbv	
44) 2,2,4-Trimethylpentane	4.658	57	7734m	0.113	ppbv	
45) t-1,3-Dichloropropene	6.428	75	1487m	0.088	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Manual Integrations
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 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 03:12:29 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

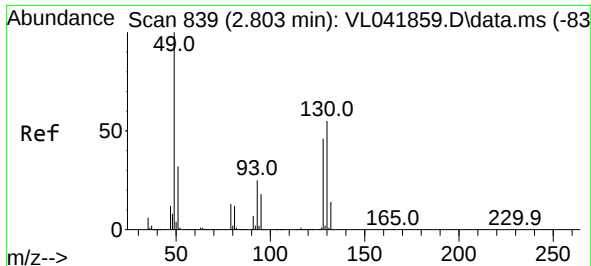
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Jan 10 00:31:30 2025

Response via : Initial Calibration

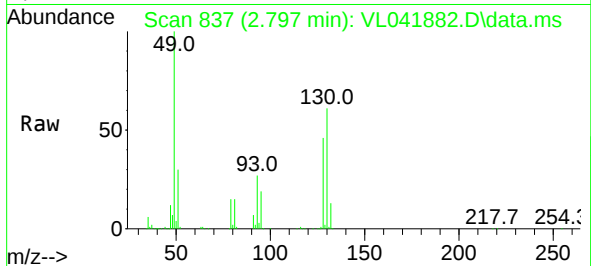
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	2125m	0.098	ppbv	
47) 1,1,2-Trichloroethane	6.596	97	1983m	0.131	ppbv	
48) Dibromochloromethane	7.402	129	2495m	0.109	ppbv	
49) Bromoform	9.493	173	1894	0.095	ppbv #	84
50) 4-Methyl-2-Pentanone	5.800	43	4331m	0.105	ppbv	
51) 2-Hexanone	7.473	43	3491m	0.103	ppbv	
52) Tetrachloroethene	8.234	164	2242m	0.145	ppbv	
53) Toluene	6.952	91	5510m	0.115	ppbv	
54) 1,2-Dibromoethane	7.674	107	2471m	0.120	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.936	131	2262	0.124	ppbv #	55
57) Chlorobenzene	8.933	112	4194m	0.123	ppbv	
58) Ethyl Benzene	9.370	91	6619m	0.105	ppbv	
59) m/p-Xylene	9.564	91	11098m	0.223	ppbv	
60) o-Xylene	9.979	91	5689	0.114	ppbv	100
61) Styrene	9.885	104	2595m	0.104	ppbv	
62) Isopropylbenzene	10.552	105	8208	0.110	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.972	83	3256m	0.109	ppbv	
64) n-propylbenzene	10.995	120	1853m	0.095	ppbv	
65) tert-Butylbenzene	11.542	119	7485	0.110	ppbv	95
66) Benzyl Chloride	11.623	91	469m	0.067	ppbv	
67) sec-Butylbenzene	11.778	105	9095	0.097	ppbv #	90
69) p-Isopropyltoluene	11.937	119	7947	0.100	ppbv	93
70) n-Butylbenzene	12.290	91	7611	0.095	ppbv	99
71) 2-Chlorotoluene	10.911	91	6921	0.119	ppbv	99
72) 4-Ethyltoluene	11.134	105	5819	0.095	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.212	105	5314	0.103	ppbv	97
74) 1,2,4-Trimethylbenzene	11.548	105	5664	0.101	ppbv #	93
75) 1,3-Dichlorobenzene	11.616	146	4287	0.127	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	3888	0.116	ppbv	94
77) 1,2-Dichlorobenzene	11.953	146	4068m	0.128	ppbv	
78) Hexachloro-1,3-Butadiene	13.892	225	3493	0.128	ppbv	98
79) Naphthalene	13.526	128	4908	0.081	ppbv #	88
80) Naphthalene,2-methyl-	14.468	142	1952	0.060	ppbv #	77
81) 1,2,4-Trichlorobenzene	13.448	180	3268	0.113	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. -0.006 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

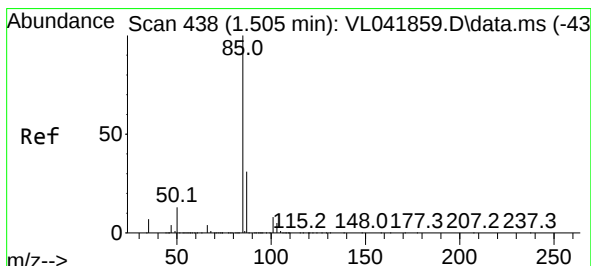
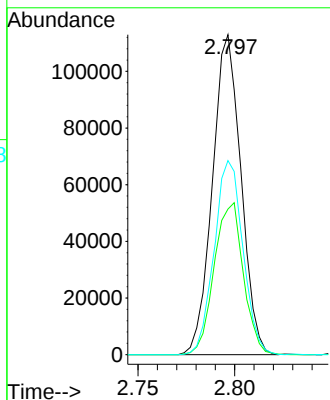
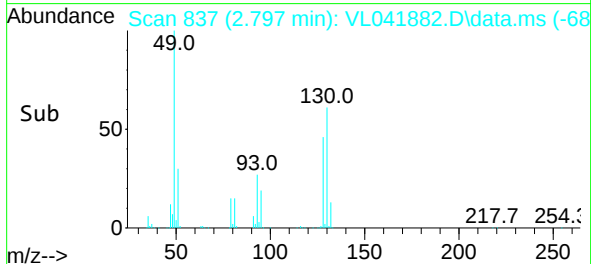
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



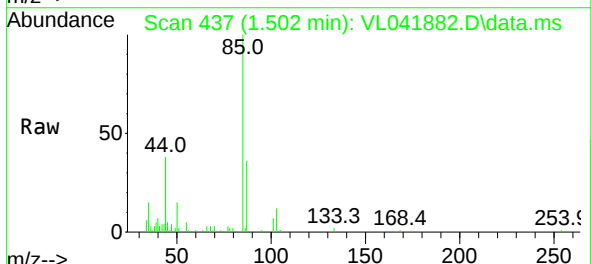
Tgt Ion: 49 Resp: 11576
Ion Ratio Lower Upper
49 100
128 48.6 23.2 69.5
130 61.3 29.9 89.8

Manual Integrations
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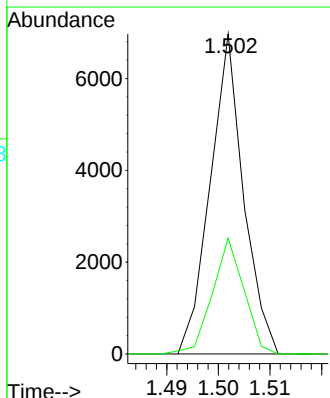
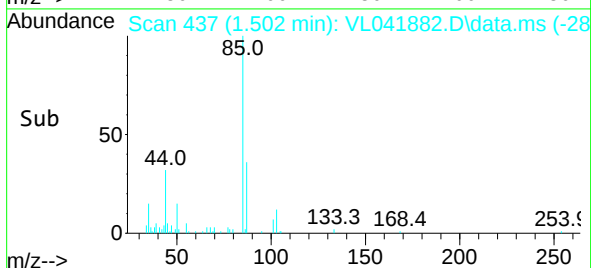
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

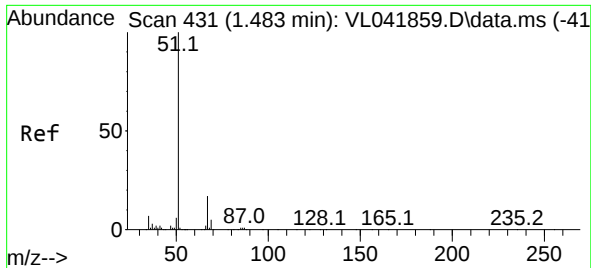


#2
Dichlorodifluoromethane
Concen: 0.164 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



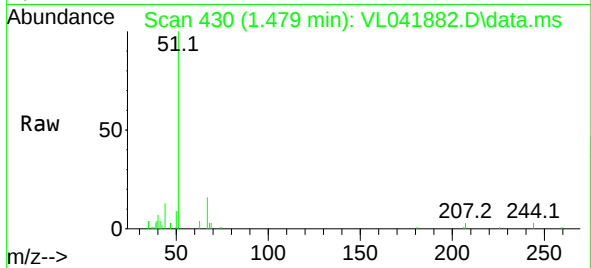
Tgt Ion: 85 Resp: 3122
Ion Ratio Lower Upper
85 100
87 36.2 25.2 37.8





#3
Chlorodifluoromethane
Concen: 0.156 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

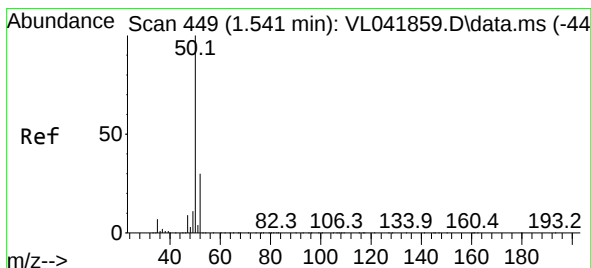
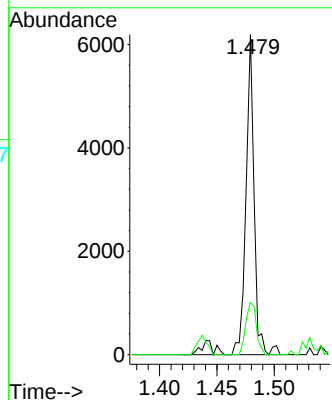
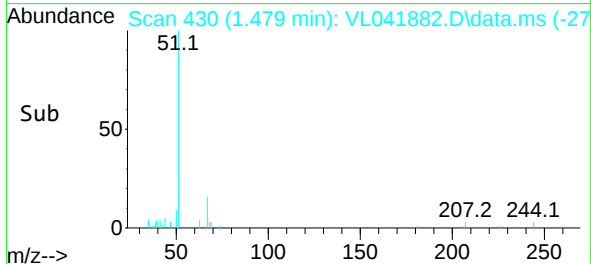
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



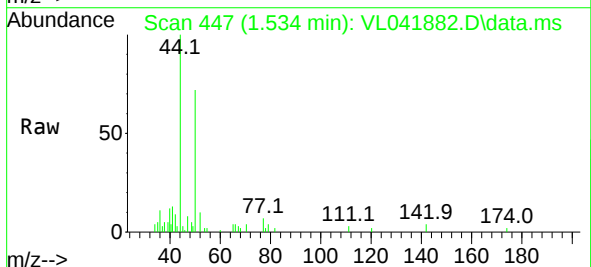
Tgt Ion: 51 Resp: 3254
Ion Ratio Lower Upper
51 100
67 20.0 13.8 20.8

Manual Integrations
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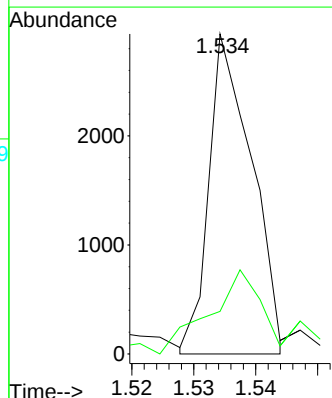
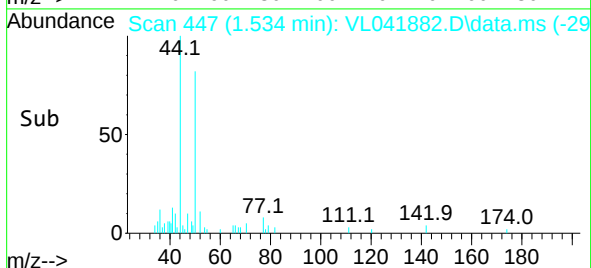
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

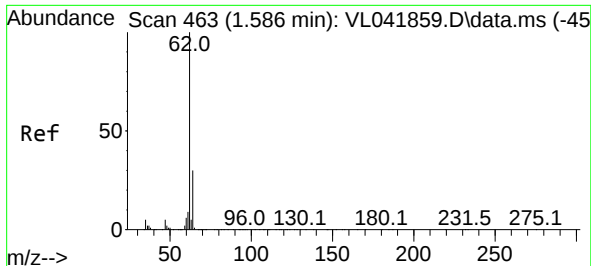


#4
Chloromethane
Concen: 0.191 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



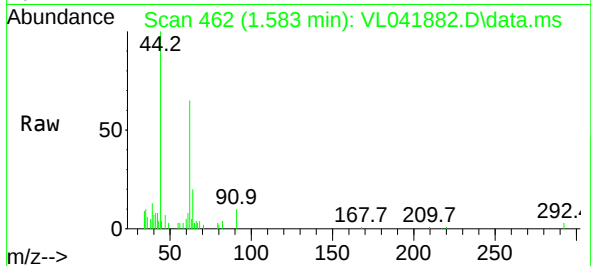
Tgt Ion: 50 Resp: 1413
Ion Ratio Lower Upper
50 100
52 11.1 23.9 35.9#





#5
 Vinyl Chloride
 Concen: 0.165 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

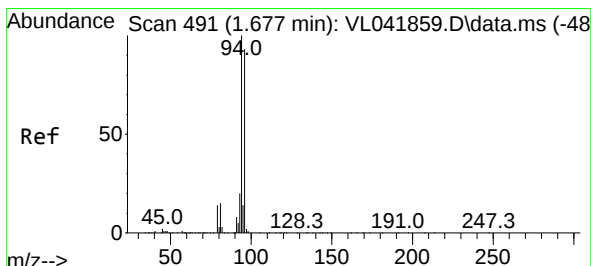
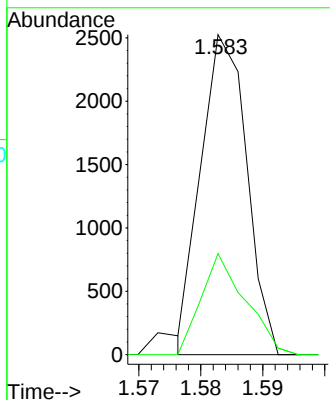
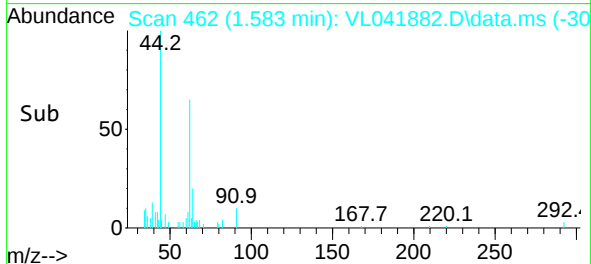
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



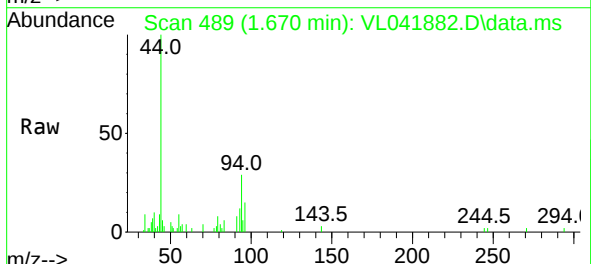
Tgt Ion: 62 Resp: 1299
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.1 36.1

Manual Integrations
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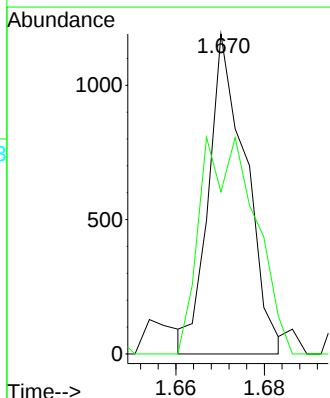
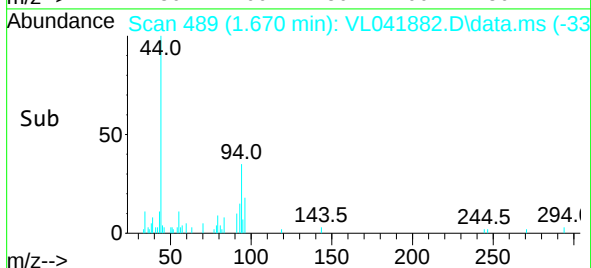
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

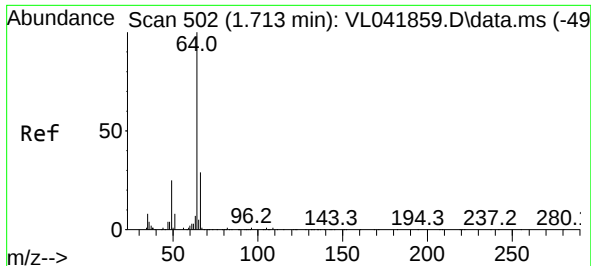


#6
 Bromomethane
 Concen: 0.188 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.007 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47



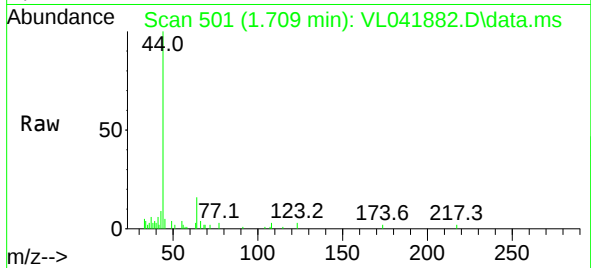
Tgt Ion: 94 Resp: 695
 Ion Ratio Lower Upper
 94 100
 96 53.5 74.8 112.2#





#7
Chloroethane
Concen: 0.167 ppbv
RT: 1.709 min Scan# 502
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

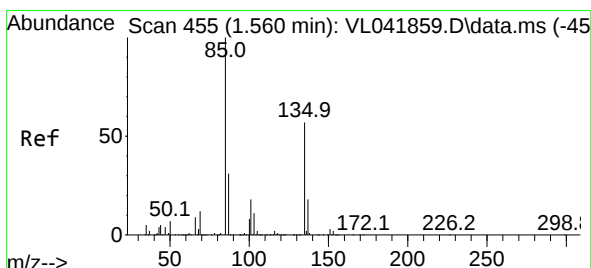
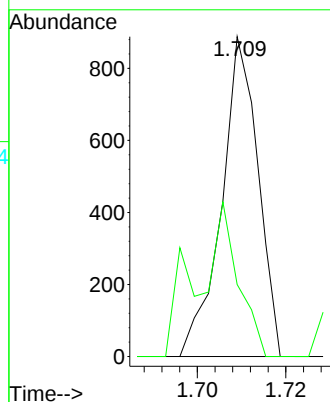
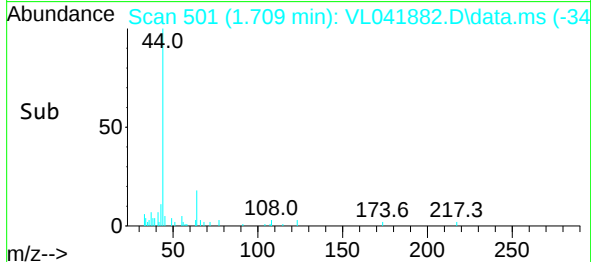
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



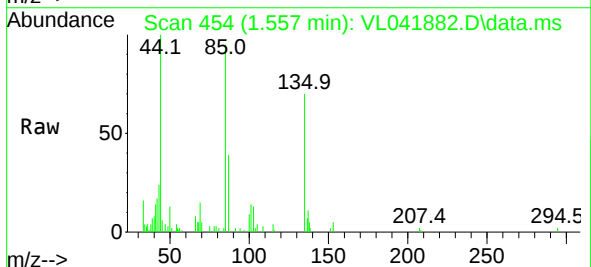
Tgt Ion: 64 Resp: 509
Ion Ratio Lower Upper
64 100
66 22.5 23.0 34.6

Manual Integrations
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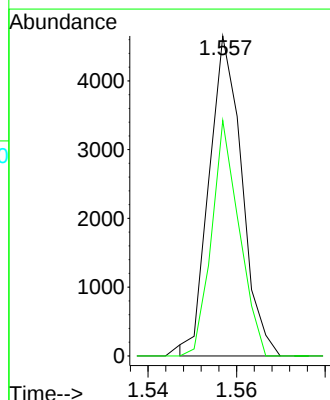
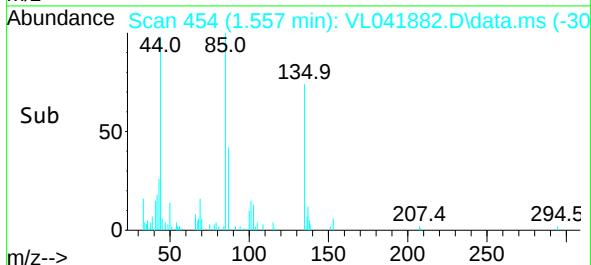
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

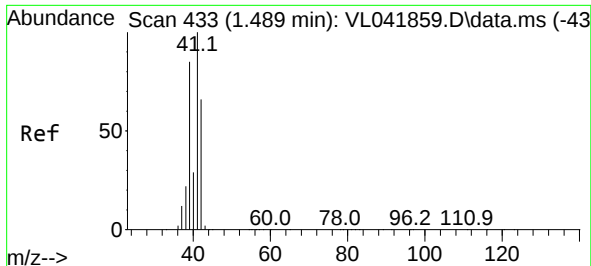


#8
Dichlorotetrafluoroethane
Concen: 0.143 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



Tgt Ion: 85 Resp: 2371
Ion Ratio Lower Upper
85 100
135 62.4 52.2 78.4





#9

Propene

Concen: 0.213 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.004 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 41 Resp: 2074

Ion Ratio Lower Upper

41 100

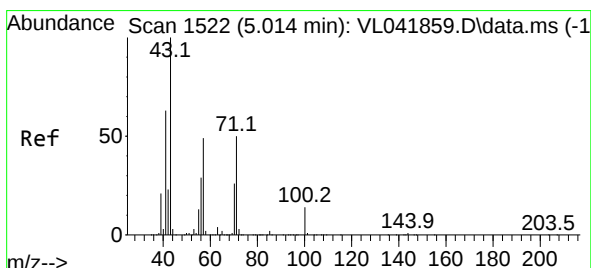
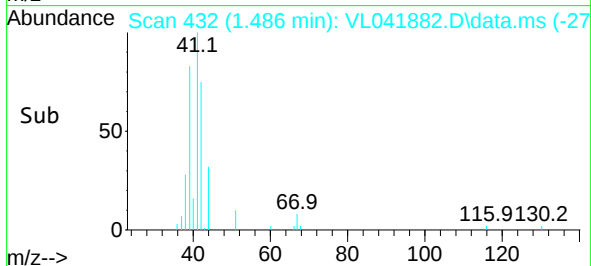
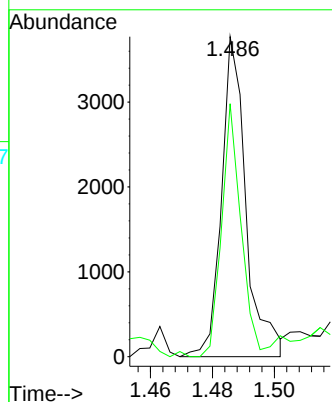
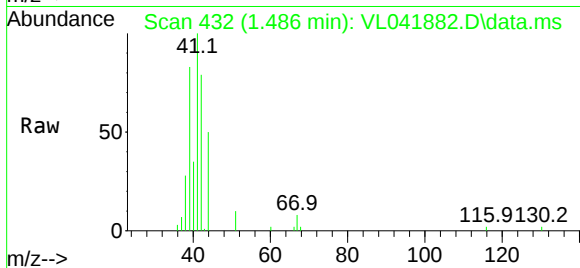
42 78.5 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#10

Heptane

Concen: 0.132 ppbv m

RT: 4.997 min Scan# 1517

Delta R.T. -0.016 min

Lab File: VL041882.D

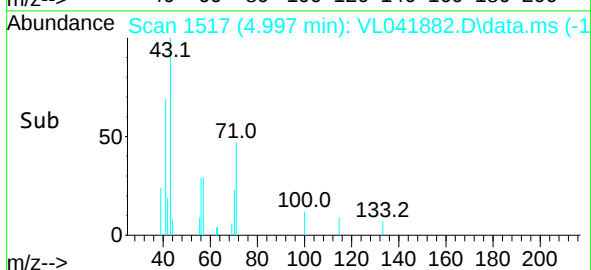
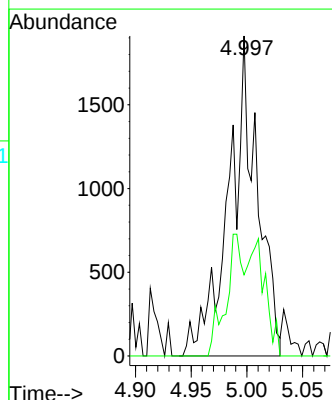
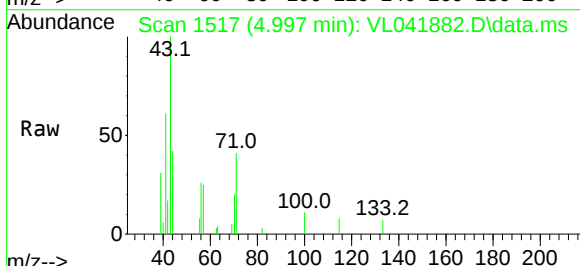
Acq: 09 Jan 2025 23:47

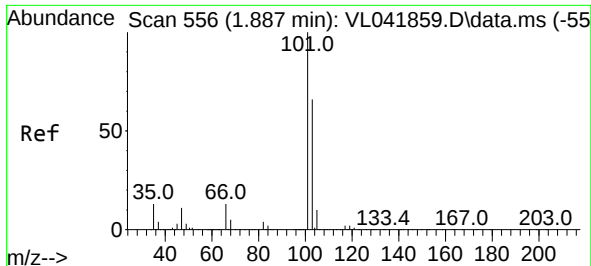
Tgt Ion: 43 Resp: 3399

Ion Ratio Lower Upper

43 100

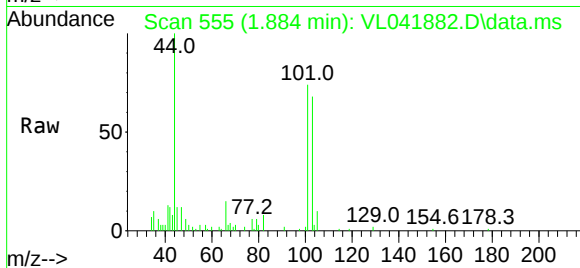
57 0.0 40.2 60.2#





#11
Trichlorofluoromethane
Concen: 0.147 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

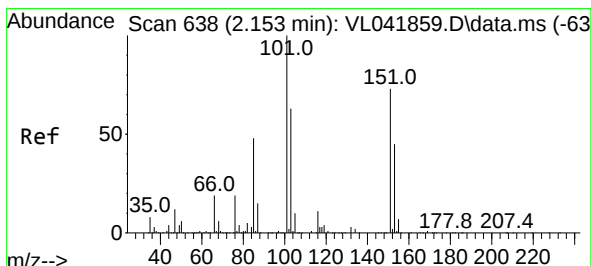
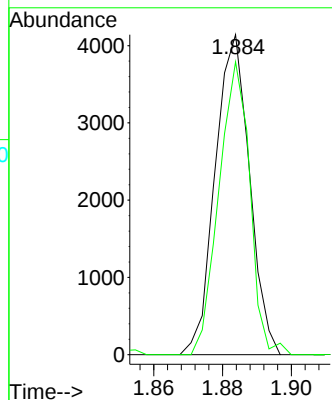
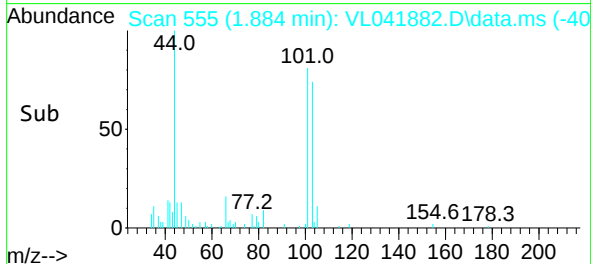
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



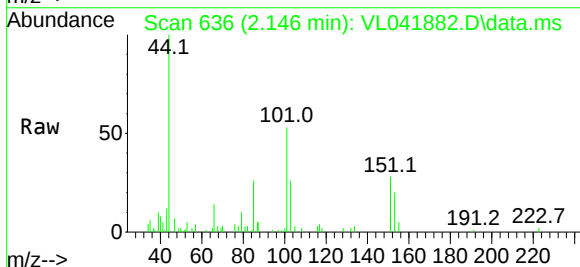
Tgt Ion:101 Resp: 287
Ion Ratio Lower Upper
101 100
103 91.5 52.6 78.8

Manual Integrations
APPROVED

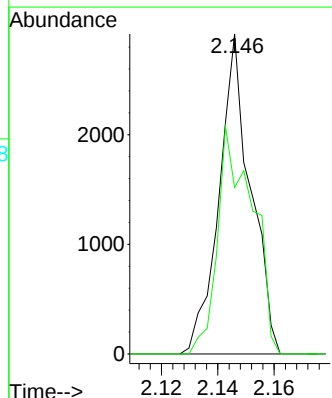
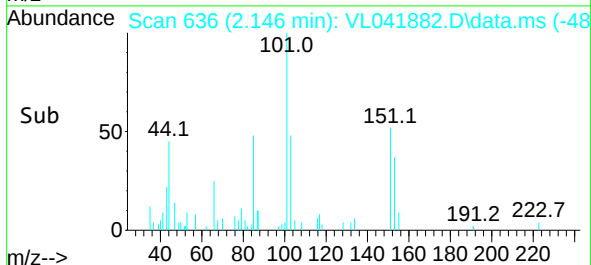
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

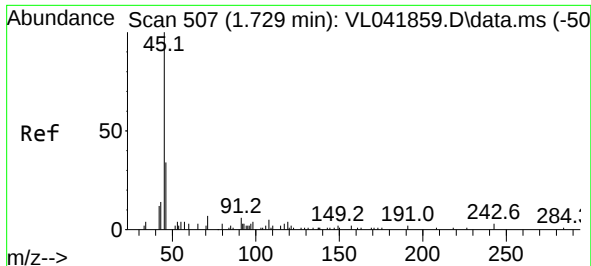


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.143 ppbv
RT: 2.146 min Scan# 636
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



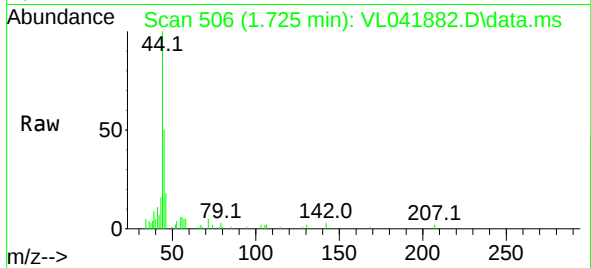
Tgt Ion:101 Resp: 2266
Ion Ratio Lower Upper
101 100
151 79.4 59.4 89.0





#13
Ethanol
Concen: 0.955 ppbv m
RT: 1.725 min Scan# 507
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

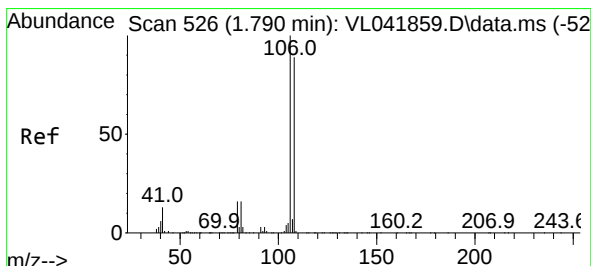
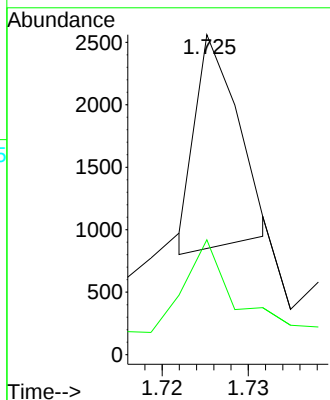
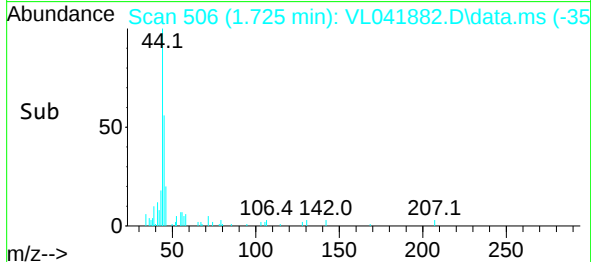
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



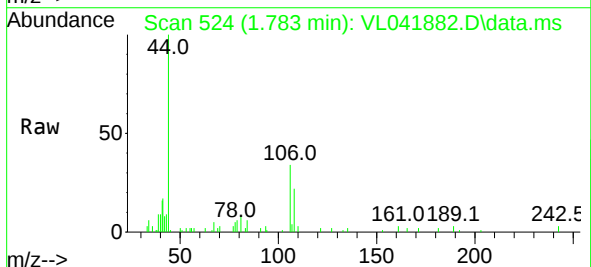
Tgt Ion: 45 Resp: 59
Ion Ratio Lower Upper
45 100
46 0.0 19.0 76.0

Manual Integrations
APPROVED

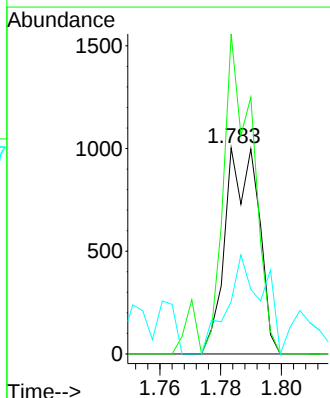
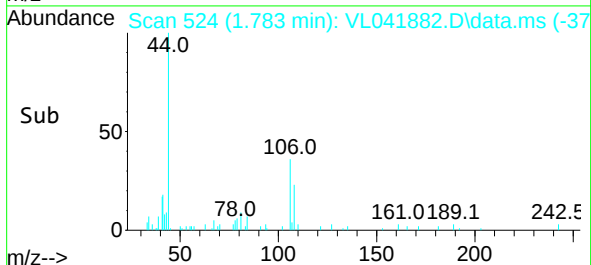
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

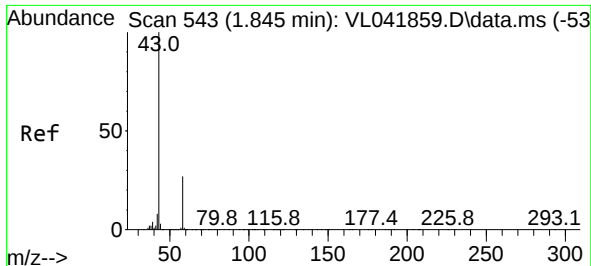


#14
Bromoethene
Concen: 0.134 ppbv m
RT: 1.783 min Scan# 524
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



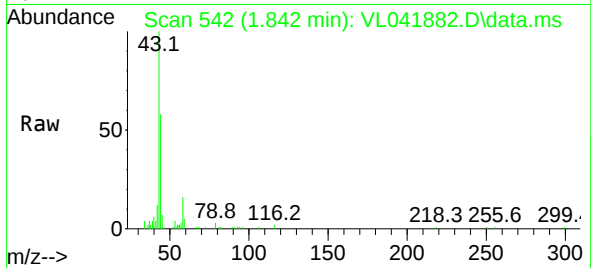
Tgt Ion:108 Resp: 758
Ion Ratio Lower Upper
108 100
106 0.0 86.9 130.3#
79 73.6 15.6 23.4#





#15
Acetone
Concen: 0.269 ppbv
RT: 1.842 min Scan# 541
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

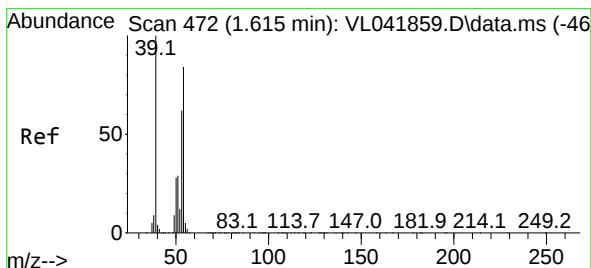
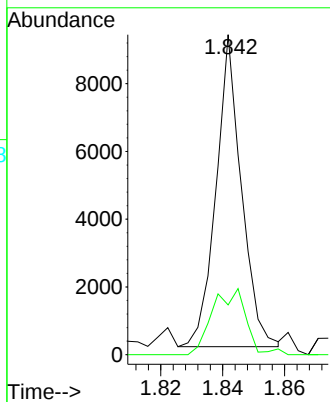
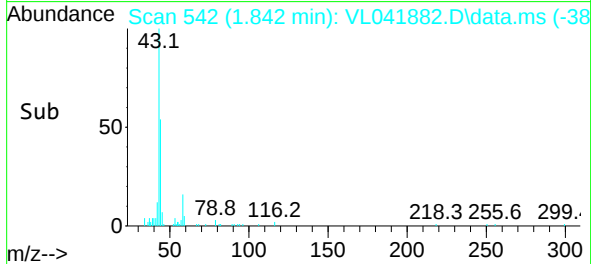
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 43 Resp: 5248
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1

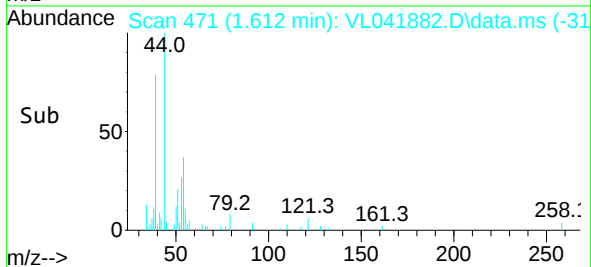
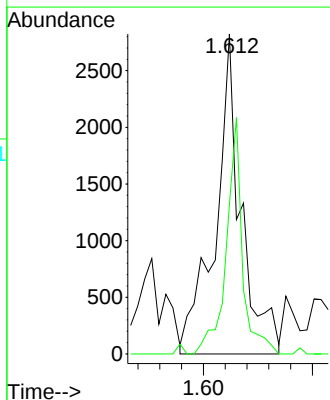
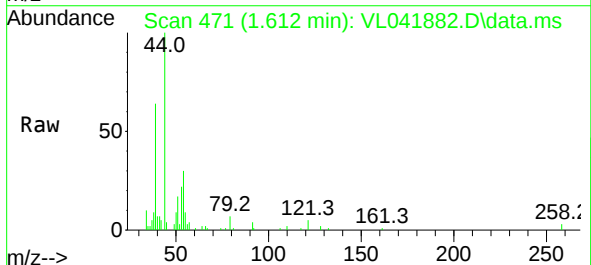
Manual Integrations
APPROVED

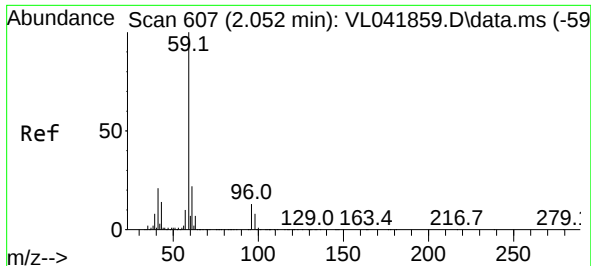
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#16
1,3-Butadiene
Concen: 0.274 ppbv m
RT: 1.612 min Scan# 471
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 39 Resp: 2301
Ion Ratio Lower Upper
39 100
54 47.7 60.1 90.1#





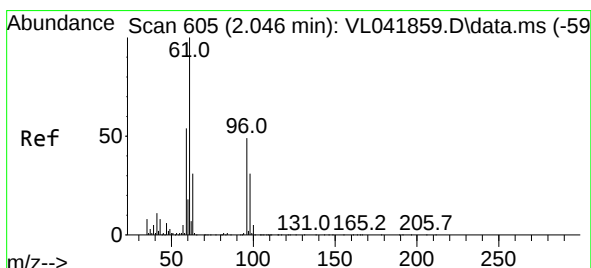
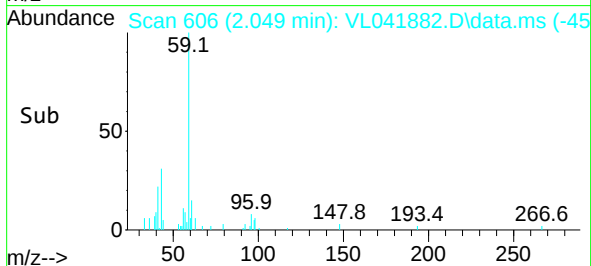
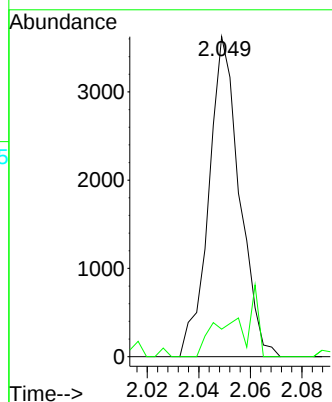
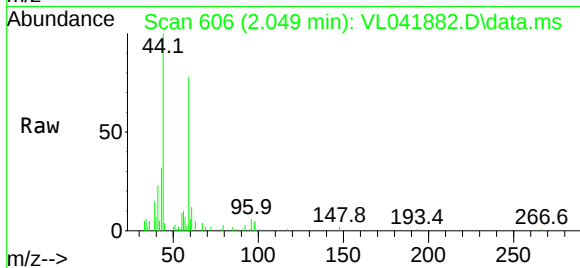
#17
tert-Butyl alcohol
Concen: 0.136 ppbv
RT: 2.049 min Scan# 607
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 59 Resp: 3009
Ion Ratio Lower Upper
59 100
57 17.2 8.2 12.4

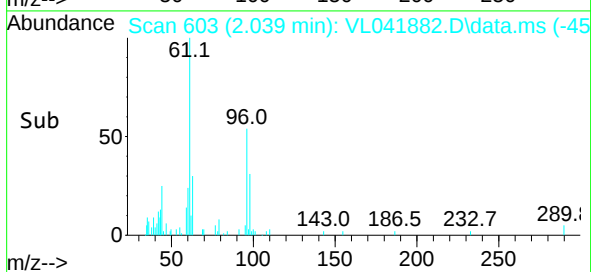
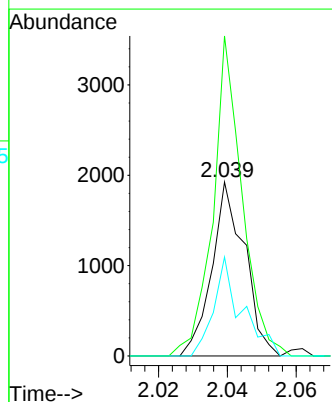
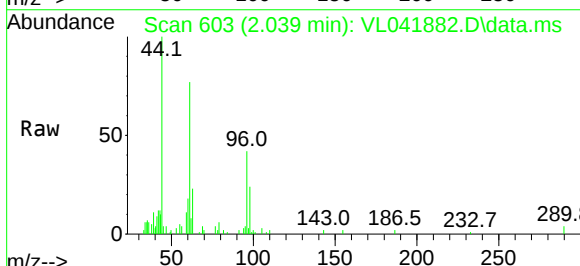
Manual Integrations
APPROVED

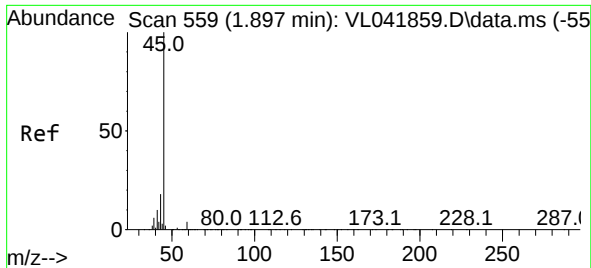
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#18
1,1-Dichloroethene
Concen: 0.178 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

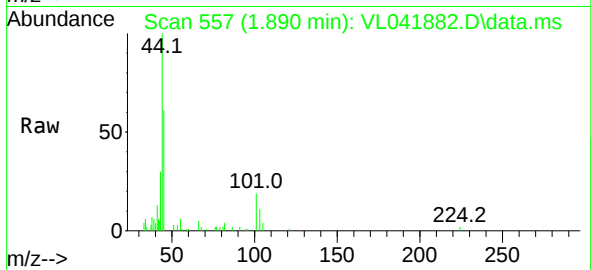
Tgt Ion: 96 Resp: 1274
Ion Ratio Lower Upper
96 100
61 178.5 161.7 242.5
98 56.8 51.0 76.4





#19
Isopropyl Alcohol
Concen: 0.252 ppbv
RT: 1.890 min Scan# 559
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

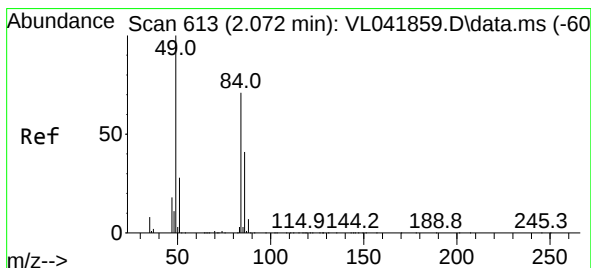
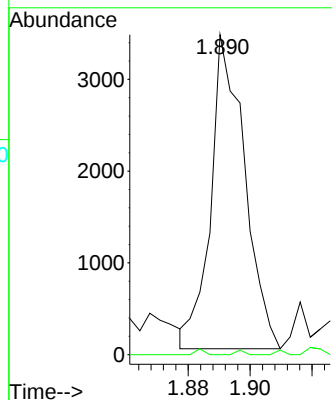
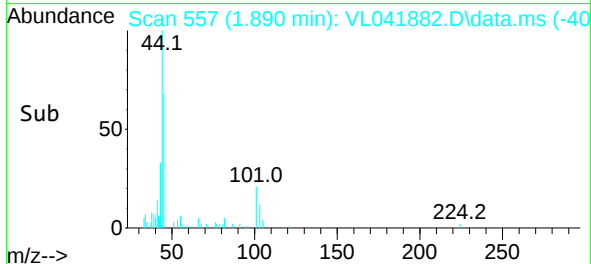
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



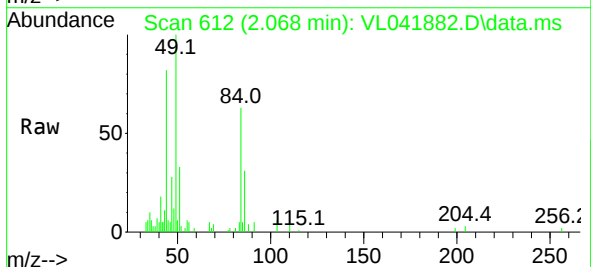
Tgt Ion: 45 Resp: 259
Ion Ratio Lower Upper
45 100
58 57.0 37.0 55.6

Manual Integrations
APPROVED

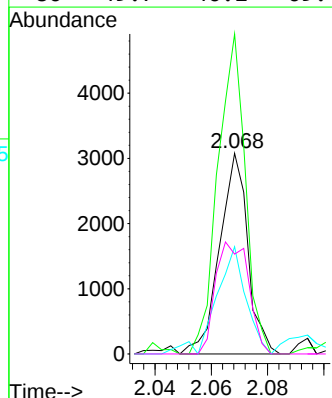
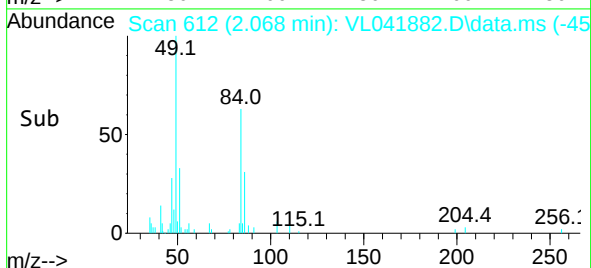
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

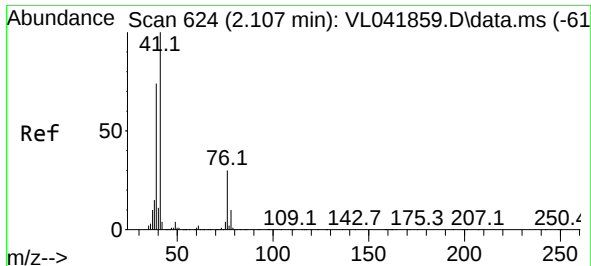


#20
Methylene Chloride
Concen: 0.321 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



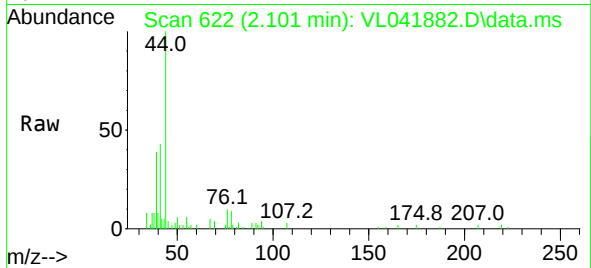
Tgt Ion: 84 Resp: 2140
Ion Ratio Lower Upper
84 100
49 159.4 113.8 170.8
51 49.4 33.5 50.3
86 49.7 46.2 69.4





#21
 Allyl Chloride
 Concen: 0.180 ppbv m
 RT: 2.101 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

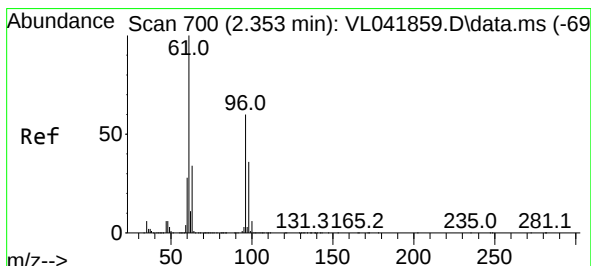
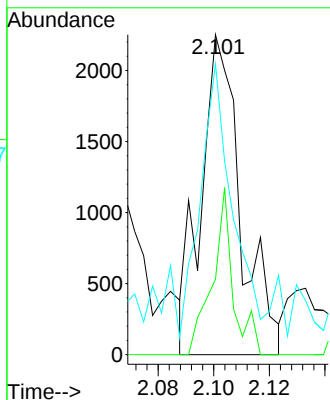
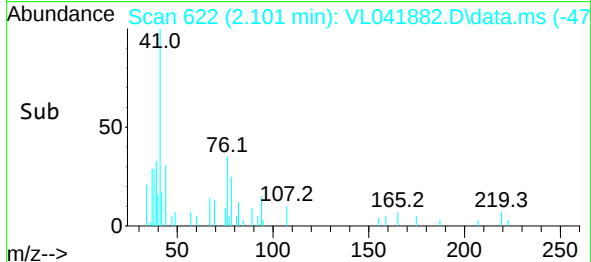
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



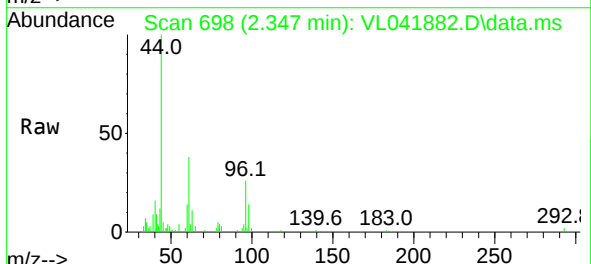
Tgt Ion: 41 Resp: 224
 Ion Ratio Lower Upper
 41 100
 76 27.0 24.6 36.8
 39 88.3 60.1 90.1

Manual Integrations
 APPROVED

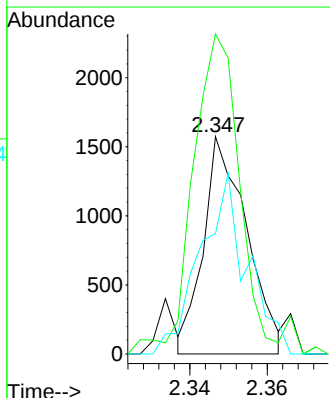
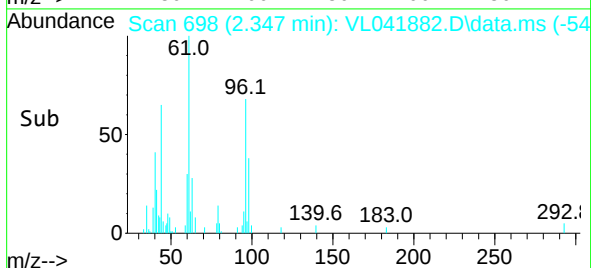
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

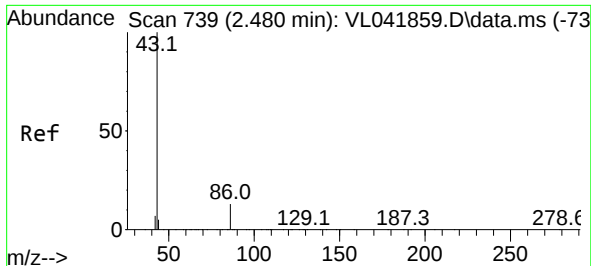


#22
 trans-1,2-Dichloroethene
 Concen: 0.148 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.007 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47



Tgt Ion: 96 Resp: 1223
 Ion Ratio Lower Upper
 96 100
 61 154.2 134.2 201.4
 98 49.8 49.0 73.4





#23

Vinyl Acetate

Concen: 0.210 ppbv m

RT: 2.466 min Scan# 71

Delta R.T. -0.013 min

Lab File: VL041882.D

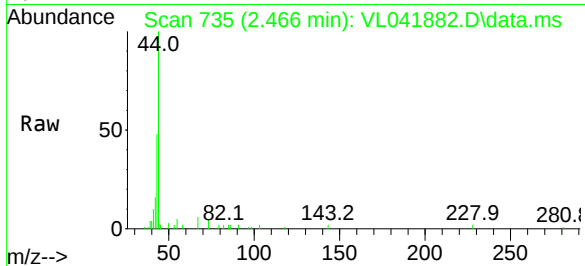
Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

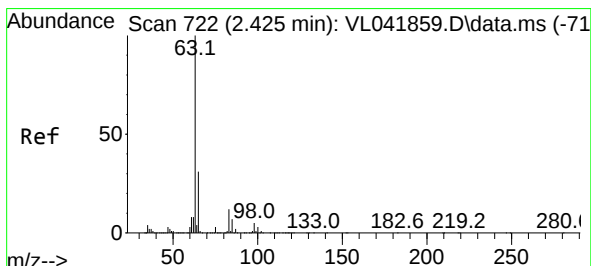
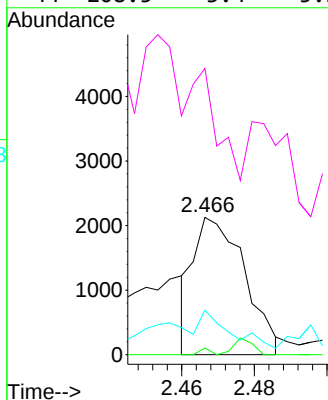
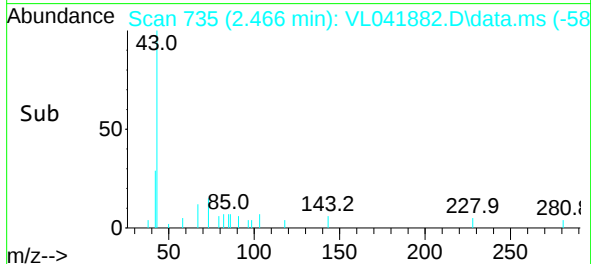


Tgt Ion:	43	Resp:	2079
Ion	Ratio	Lower	Upper
43	100		
86	4.9	7.8	11.6
42	32.4	7.0	10.4
44	208.5	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#24

1,1-Dichloroethane

Concen: 0.149 ppbv

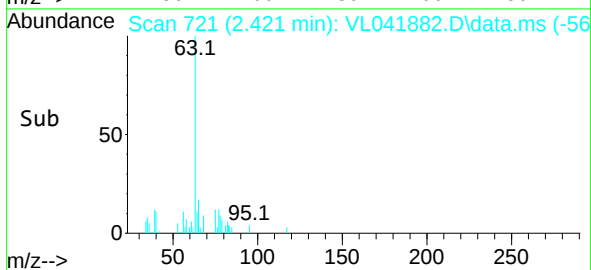
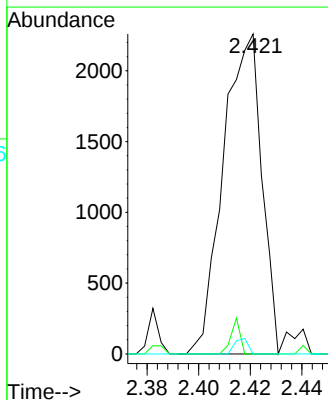
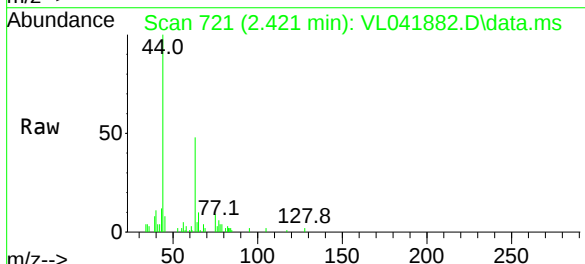
RT: 2.421 min Scan# 721

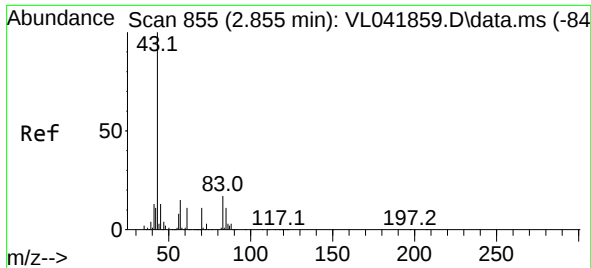
Delta R.T. -0.004 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

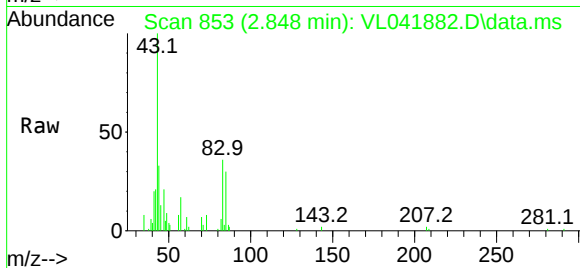
Tgt Ion:	63	Resp:	2340
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.9
100	0.0	1.3	3.8





#25
Ethyl Acetate
Concen: 0.107 ppbv
RT: 2.848 min Scan# 848
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

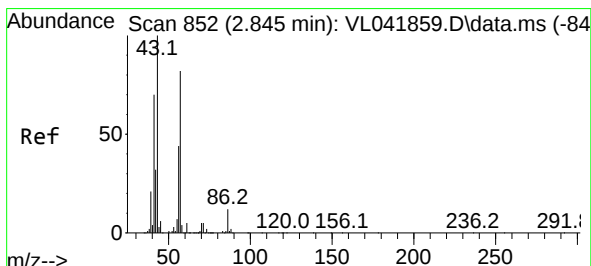
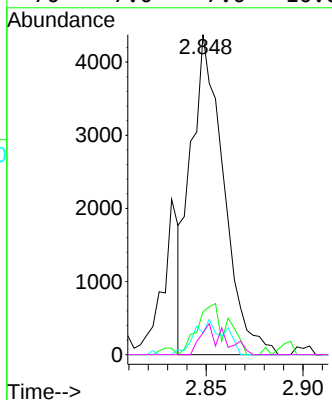
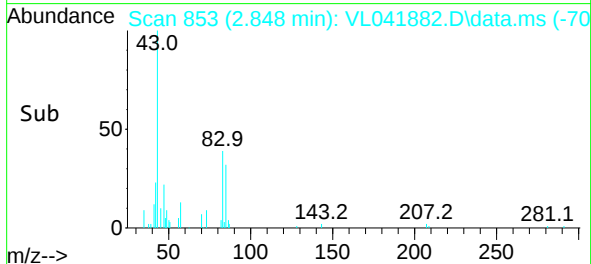
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



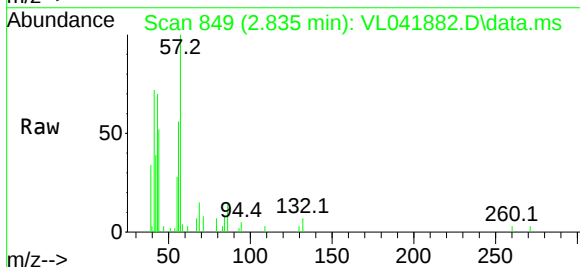
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
45 15.6 8.4 12.6
61 9.8 7.3 10.9
70 7.0 7.0 10.6#

Manual Integrations
APPROVED

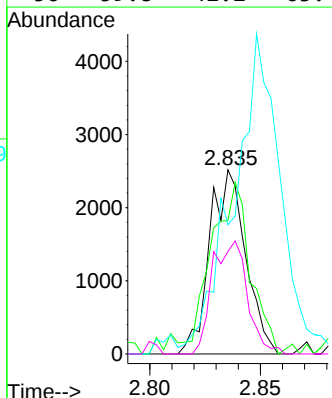
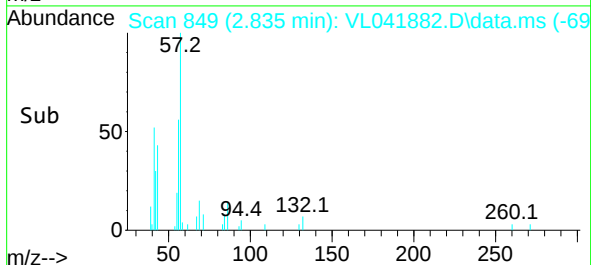
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

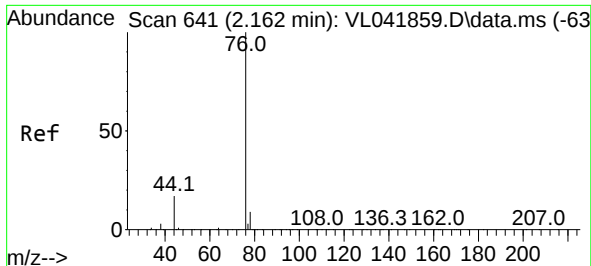


#26
Hexane
Concen: 0.142 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



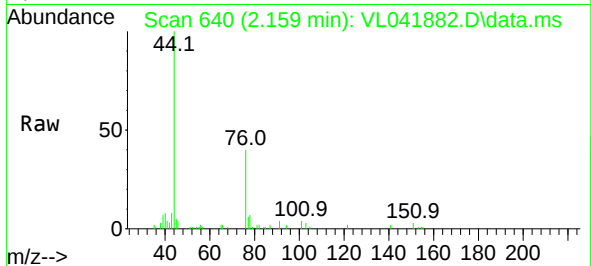
Tgt Ion: 57 Resp: 2842
Ion Ratio Lower Upper
57 100
41 108.0 71.5 107.3#
43 230.9 200.2 300.4
56 59.8 42.2 63.4





#27
Carbon Disulfide
Concen: 0.105 ppbv
RT: 2.159 min Scan# 641
Delta R.T. -0.003 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

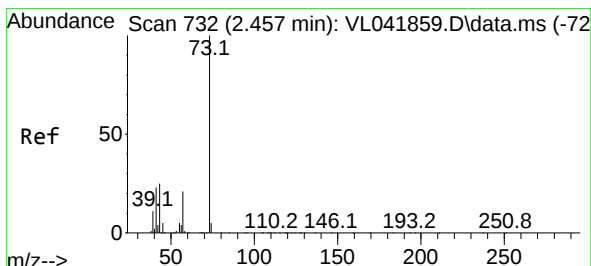
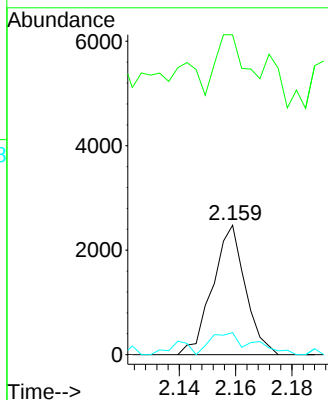
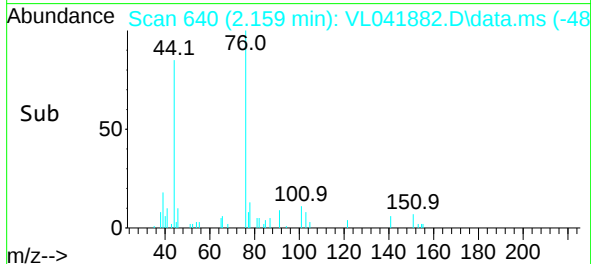
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 76 Resp: 2000
Ion Ratio Lower Upper
76 100
44 410.9 13.1 19.7
78 31.5 9.5 14.3

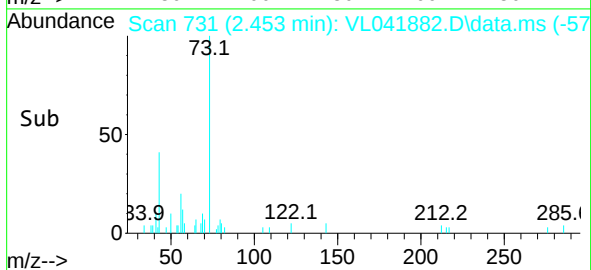
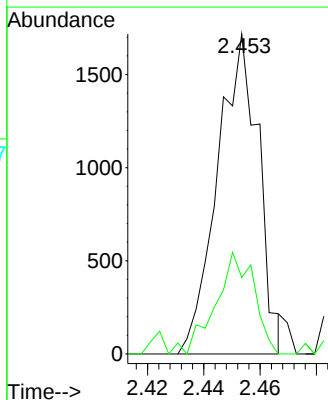
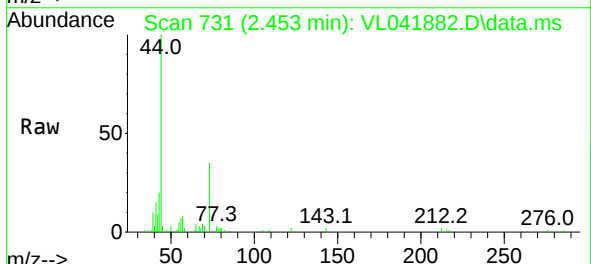
Manual Integrations
APPROVED

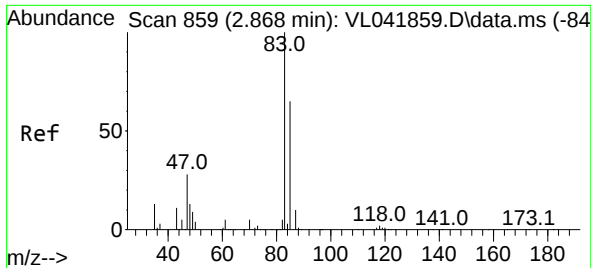
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#28
Methyl tert-Butyl Ether
Concen: 0.114 ppbv
RT: 2.453 min Scan# 731
Delta R.T. -0.003 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

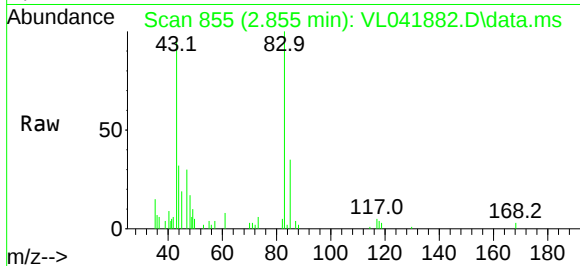
Tgt Ion: 73 Resp: 1736
Ion Ratio Lower Upper
73 100
57 30.4 17.5 26.3





#29
Chloroform
Concen: 0.141 ppbv
RT: 2.855 min Scan# 855
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

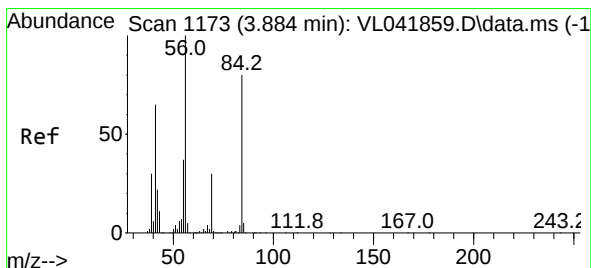
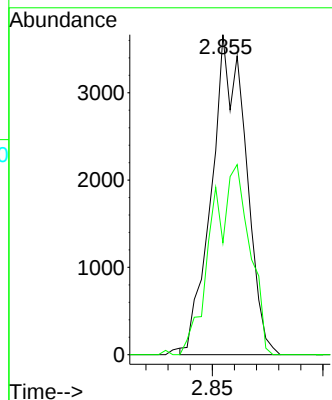
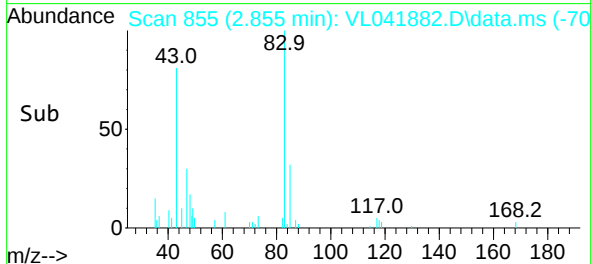
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 83 Resp: 393
Ion Ratio Lower Upper
83 100
85 35.0 51.7 77.5

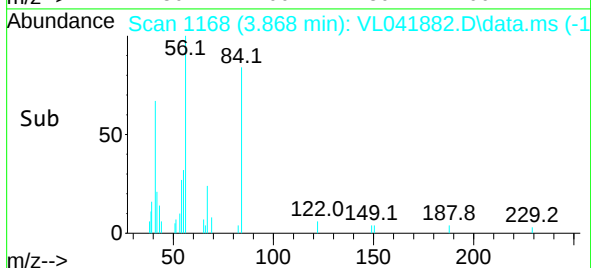
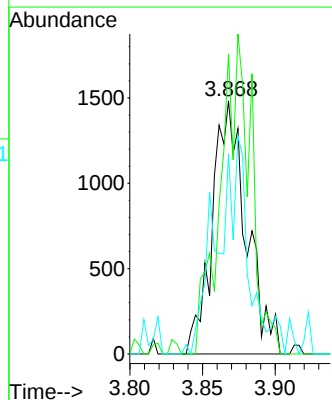
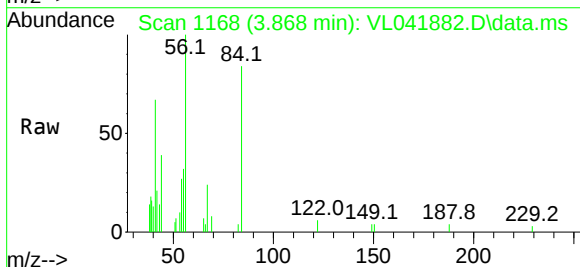
Manual Integrations
APPROVED

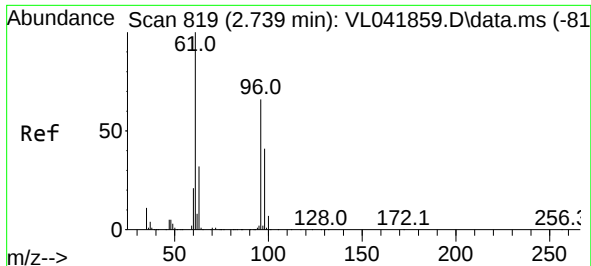
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#30
Cyclohexane
Concen: 0.140 ppbv m
RT: 3.868 min Scan# 1168
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

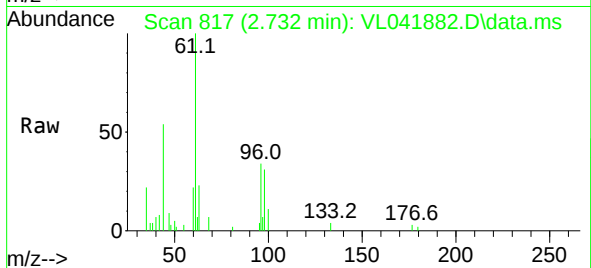
Tgt Ion: 84 Resp: 2401
Ion Ratio Lower Upper
84 100
56 115.0 100.7 151.1
41 85.0 62.8 94.2





#31
 cis-1,2-Dichloroethene
 Concen: 0.139 ppbv m
 RT: 2.732 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

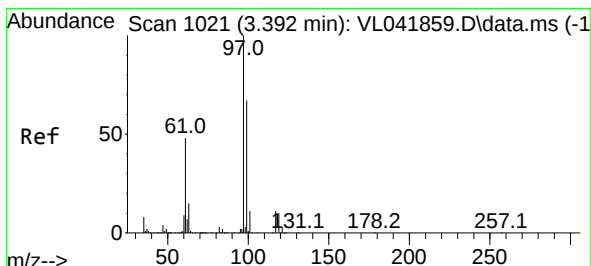
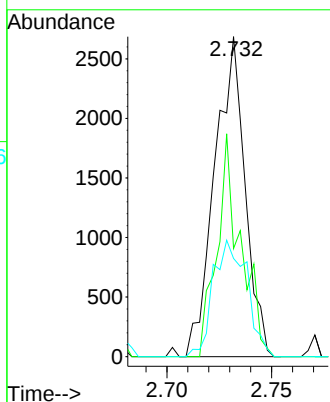
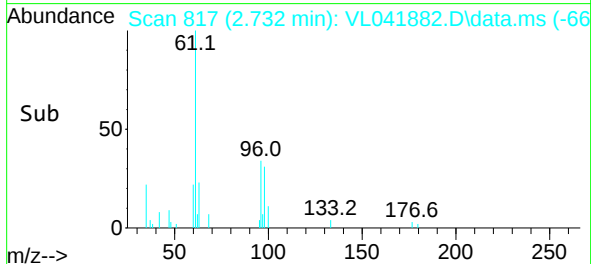
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



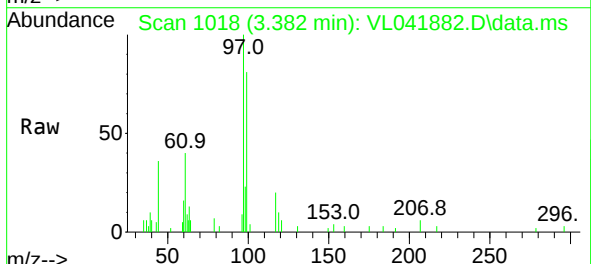
Tgt Ion: 61 Resp: 2710
 Ion Ratio Lower Upper
 61 100
 96 33.8 53.2 79.8
 98 30.7 32.5 48.7

Manual Integrations
 APPROVED

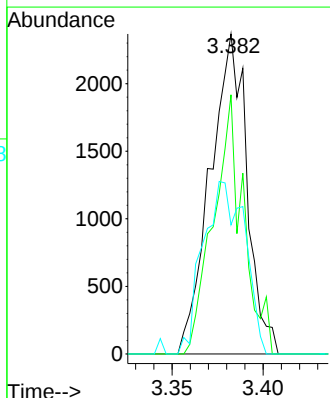
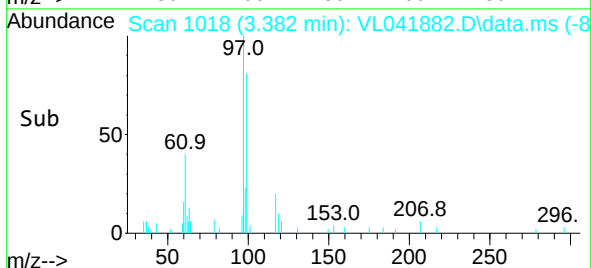
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

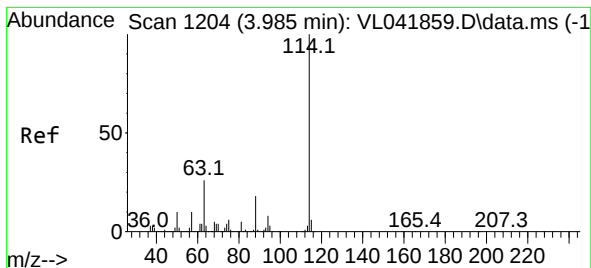


#32
 1,1,1-Trichloroethane
 Concen: 0.119 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.010 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47



Tgt Ion: 97 Resp: 3308
 Ion Ratio Lower Upper
 97 100
 99 66.1 52.0 78.0
 61 62.1 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 114

Delta R.T. -0.013 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

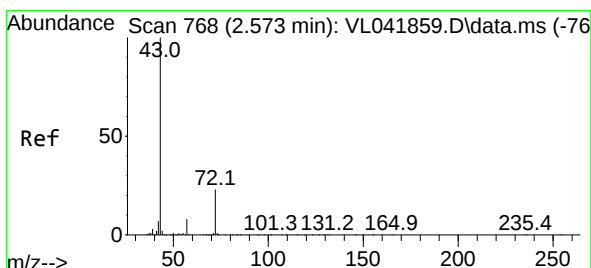
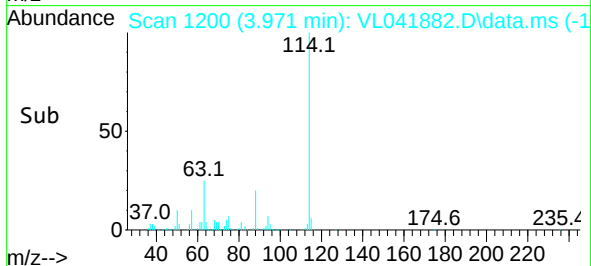
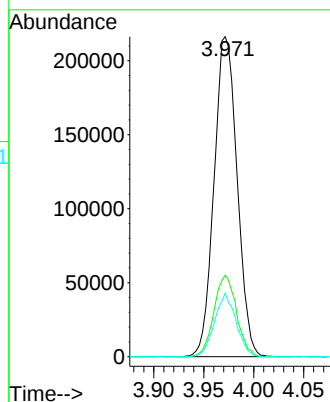
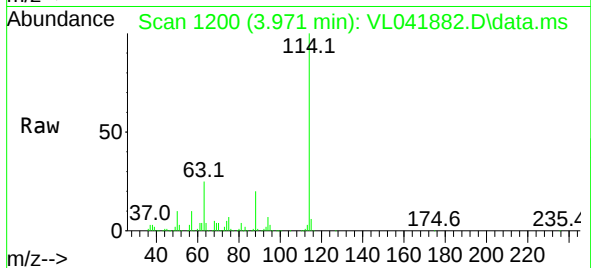
Tgt Ion:114 Resp: 347764

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.3	30.5
88	18.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#34

2-Butanone

Concen: 0.137 ppbv

RT: 2.573 min Scan# 768

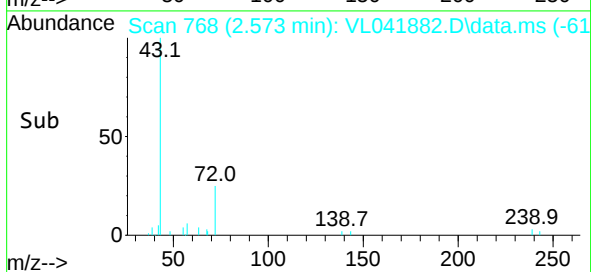
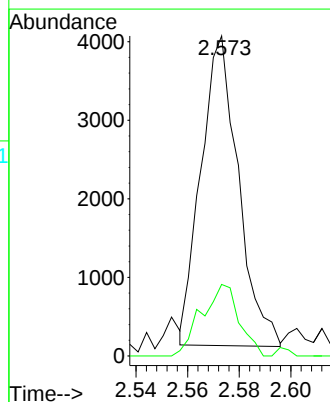
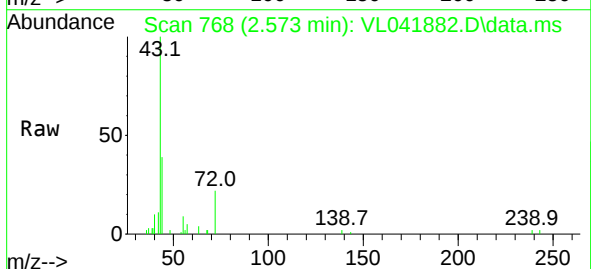
Delta R.T. -0.000 min

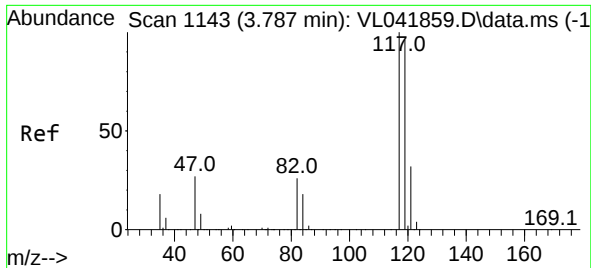
Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Tgt Ion: 43 Resp: 3967

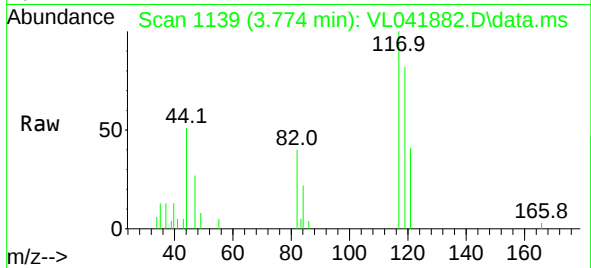
Ion	Ratio	Lower	Upper
43	100		
72	24.1	18.5	27.7





#35
Carbon Tetrachloride
Concen: 0.106 ppbv m
RT: 3.774 min Scan# 1139
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

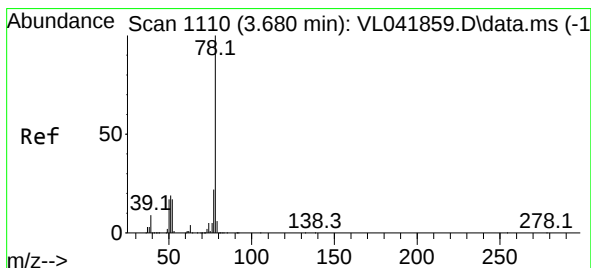
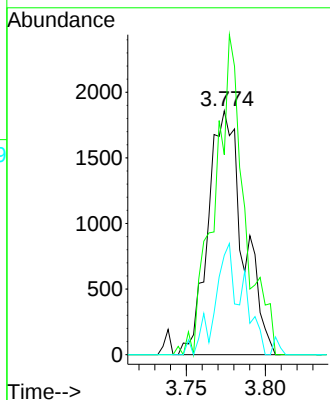
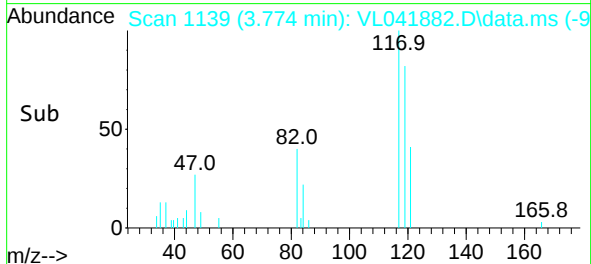
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:117 Resp: 2870
Ion Ratio Lower Upper
117 100
119 82.0 76.9 115.3
121 40.8 25.9 38.9

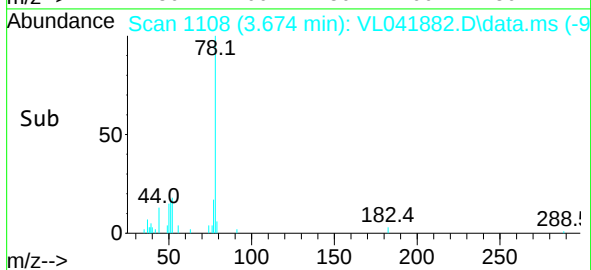
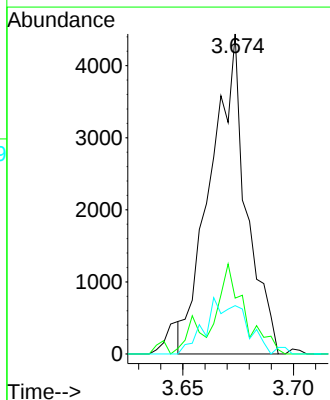
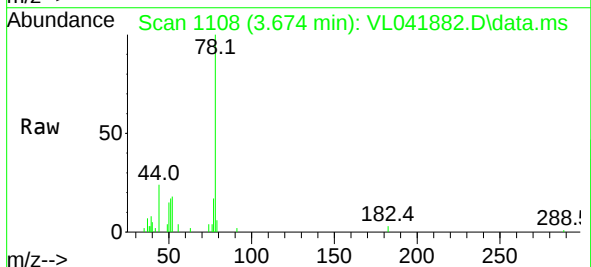
Manual Integrations
APPROVED

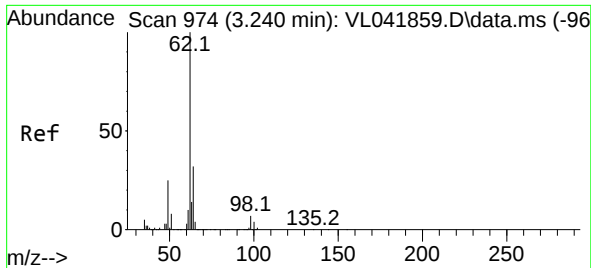
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#36
Benzene
Concen: 0.123 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 78 Resp: 4958
Ion Ratio Lower Upper
78 100
77 16.1 17.9 26.9#
50 15.1 13.7 20.5





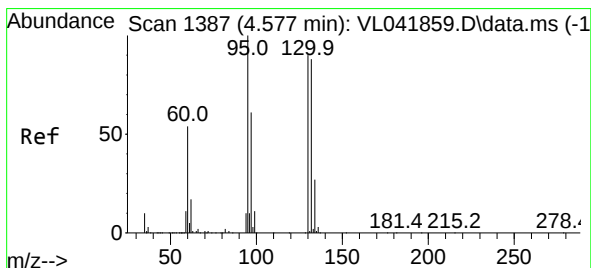
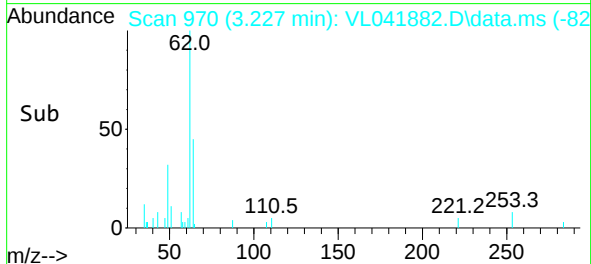
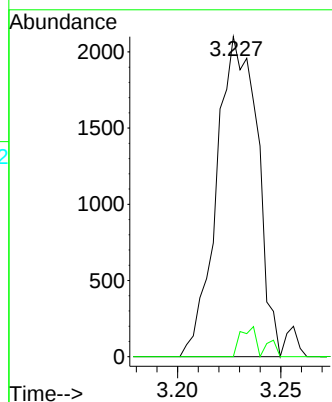
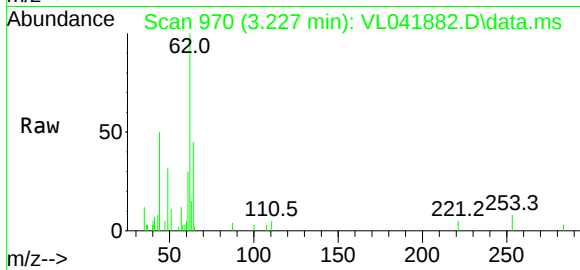
#37
1,2-Dichloroethane
Concen: 0.137 ppbv
RT: 3.227 min Scan# 91
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 62 Resp: 289
Ion Ratio Lower Upper
62 100
98 4.7 5.6 8.4

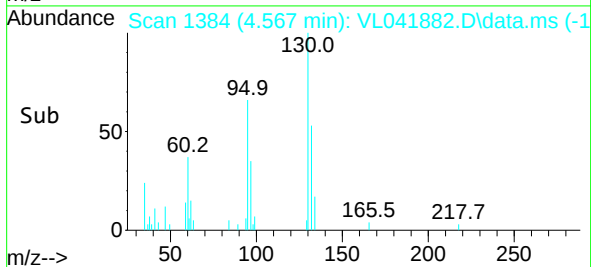
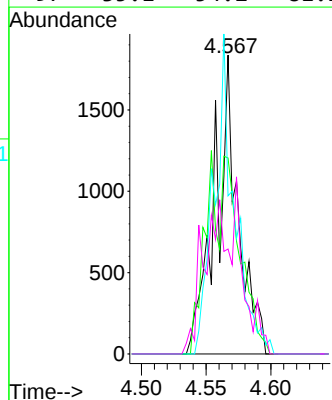
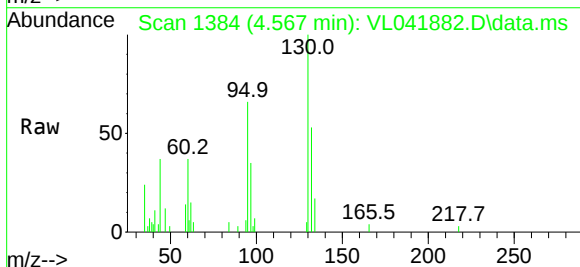
Manual Integrations
APPROVED

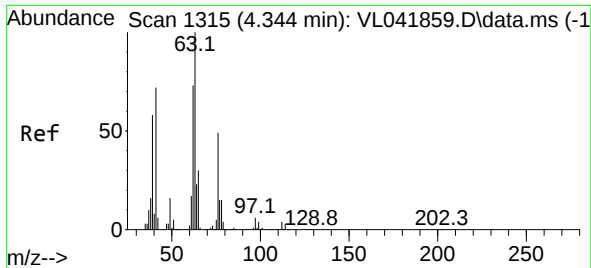
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#38
Trichloroethene
Concen: 0.143 ppbv m
RT: 4.567 min Scan# 1384
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

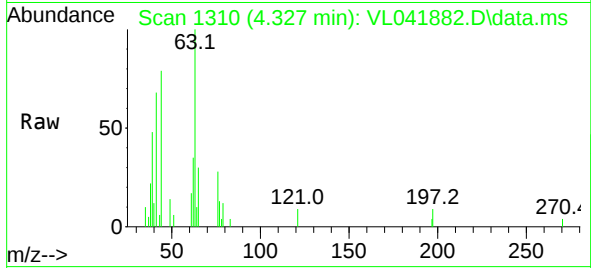
Tgt Ion:130 Resp: 2285
Ion Ratio Lower Upper
130 100
95 65.6 88.5 132.7#
132 52.9 78.2 117.2#
97 35.1 54.2 81.2#





#39
1,2-Dichloropropane
Concen: 0.134 ppbv m
RT: 4.327 min Scan# 1315
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

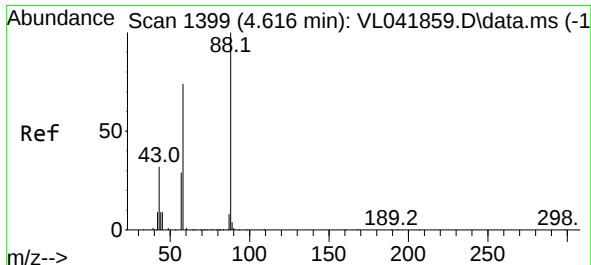
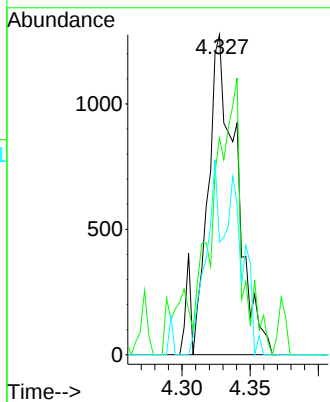
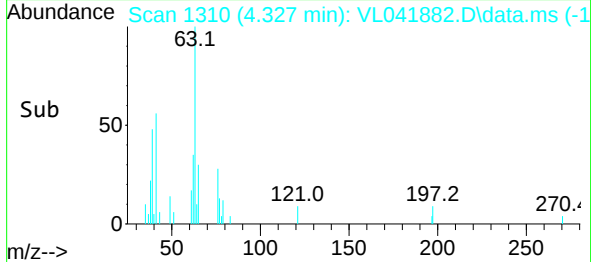
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



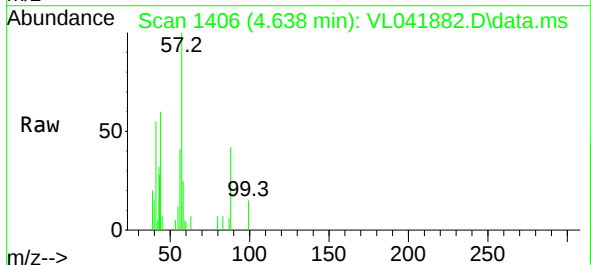
Tgt Ion: 63 Resp: 1919
Ion Ratio Lower Upper
63 100
41 67.7 58.0 87.0
62 35.1 58.6 87.8

Manual Integrations
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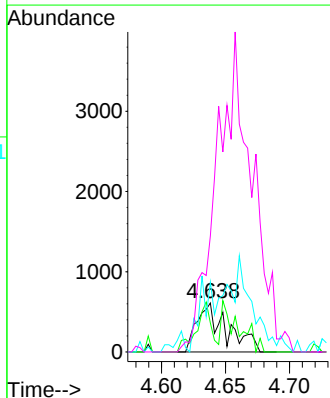
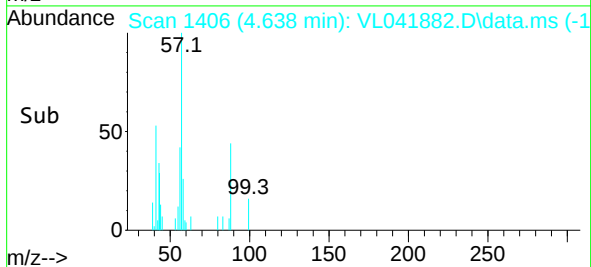
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

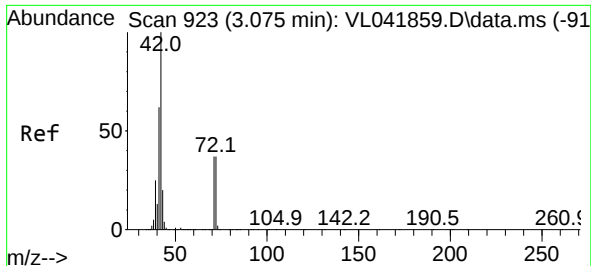


#40
1,4-Dioxane
Concen: 0.138 ppbv m
RT: 4.638 min Scan# 1406
Delta R.T. 0.022 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



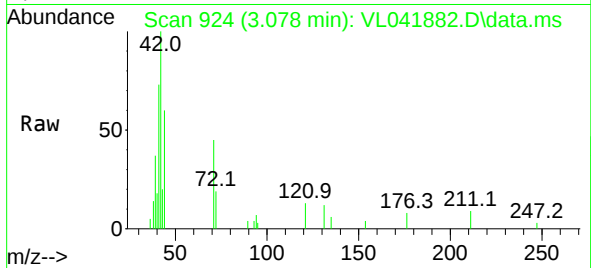
Tgt Ion: 88 Resp: 997
Ion Ratio Lower Upper
88 100
58 0.0 52.2 78.4#
43 25.3 0.0 0.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.129 ppbv m
RT: 3.078 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

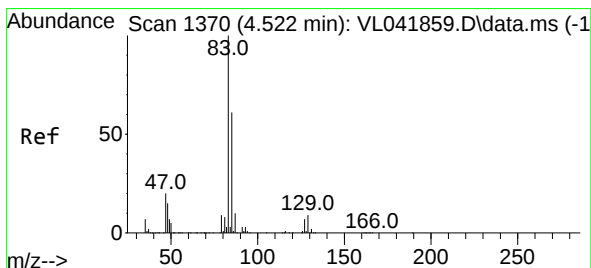
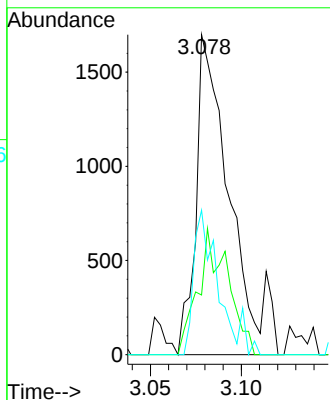
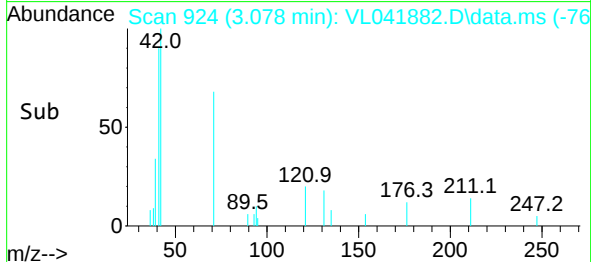
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 42 Resp: 2189
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#

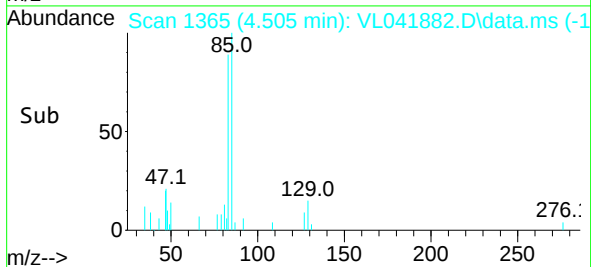
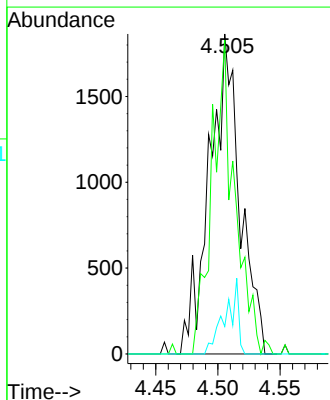
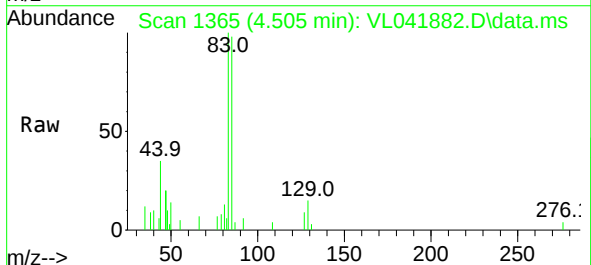
Manual Integrations
APPROVED

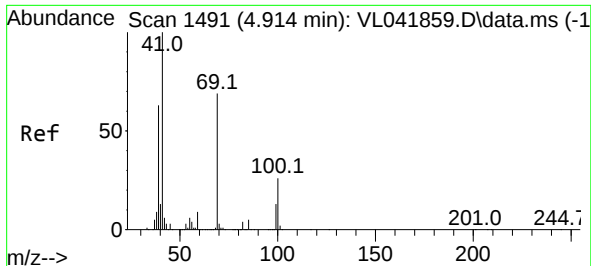
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#42
Bromodichloromethane
Concen: 0.109 ppbv m
RT: 4.505 min Scan# 1365
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 83 Resp: 3183
Ion Ratio Lower Upper
83 100
85 98.1 48.9 73.3#
127 8.6 5.4 8.2#





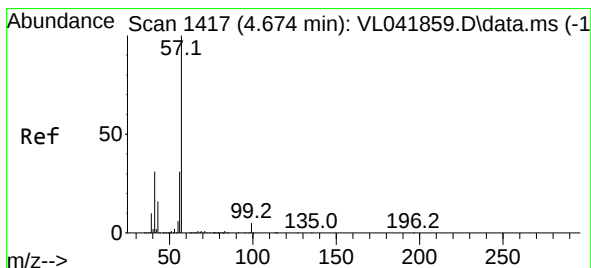
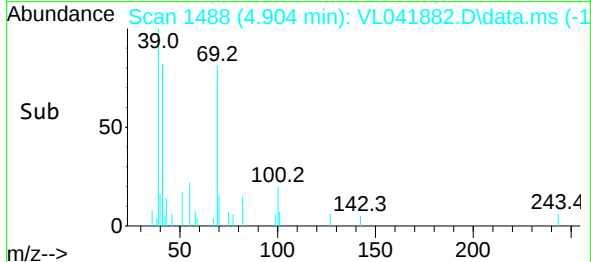
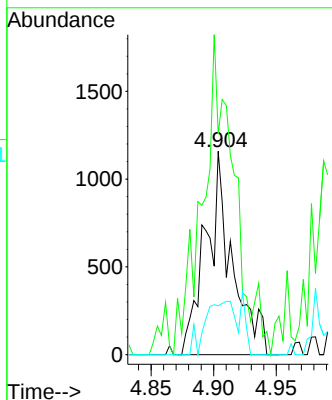
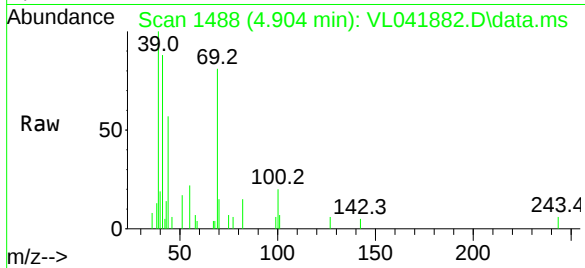
#43
Methyl Methacrylate
Concen: 0.104 ppbv m
RT: 4.904 min Scan# 1491
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 69 Resp: 1712
Ion Ratio Lower Upper
69 100
41 194.7 116.2 174.4
100 0.0 29.8 44.8

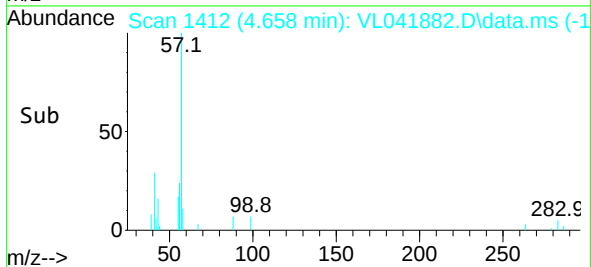
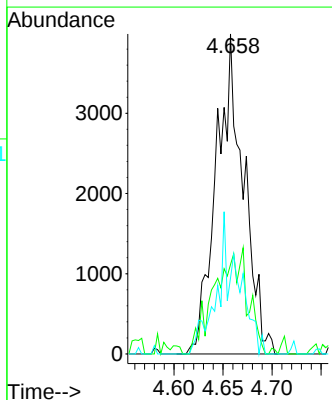
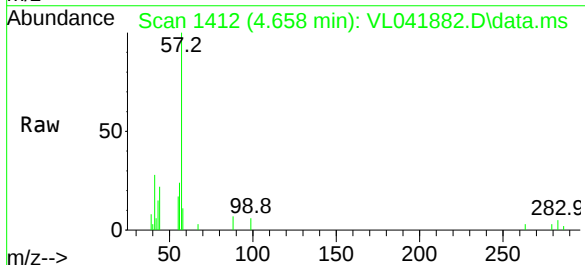
Manual Integrations
APPROVED

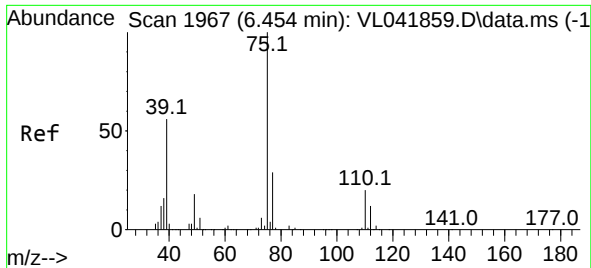
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 0.113 ppbv m
RT: 4.658 min Scan# 1412
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

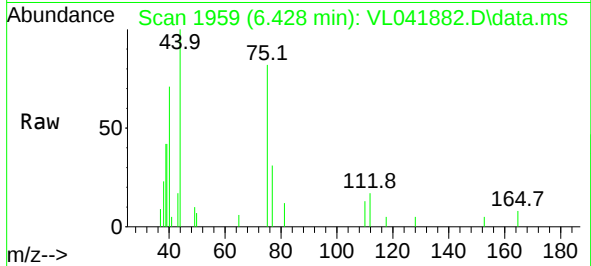
Tgt Ion: 57 Resp: 7734
Ion Ratio Lower Upper
57 100
41 0.0 25.5 38.3
56 34.8 25.6 38.4





#45
 t-1,3-Dichloropropene
 Concen: 0.088 ppbv m
 RT: 6.428 min Scan# 1967
 Delta R.T. -0.026 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

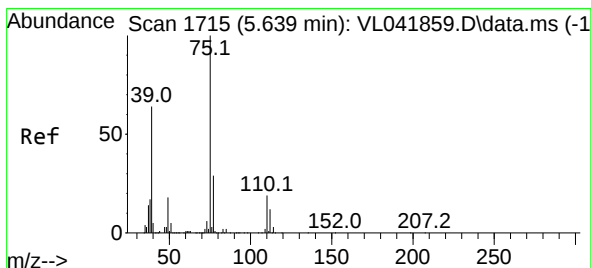
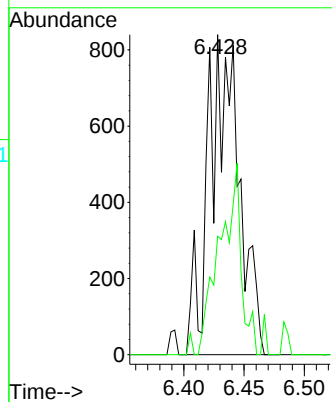
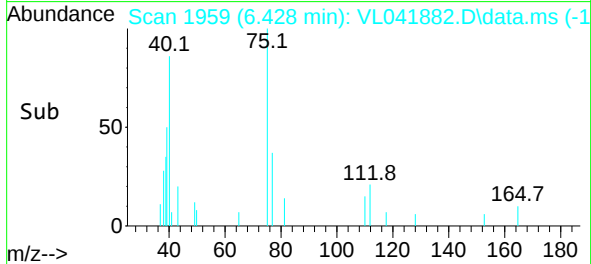
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion: 75 Resp: 148
 Ion Ratio Lower Upper
 75 100
 77 37.0 23.4 35.2

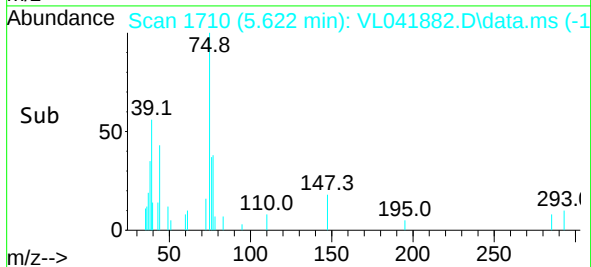
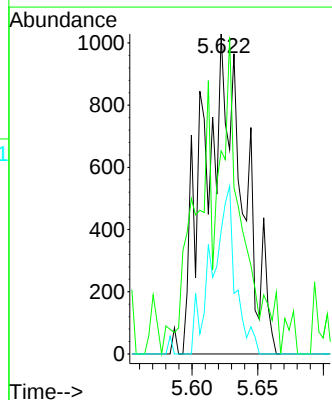
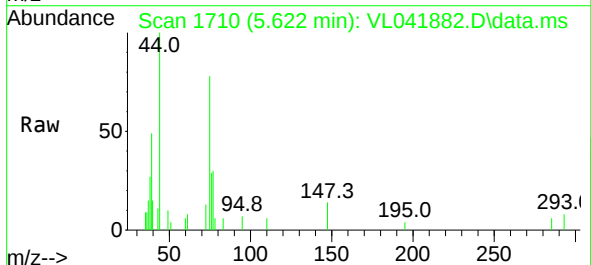
Manual Integrations
 APPROVED

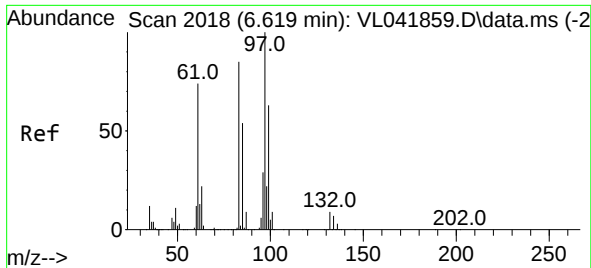
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#46
 cis-1,3-Dichloropropene
 Concen: 0.098 ppbv m
 RT: 5.622 min Scan# 1710
 Delta R.T. -0.016 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

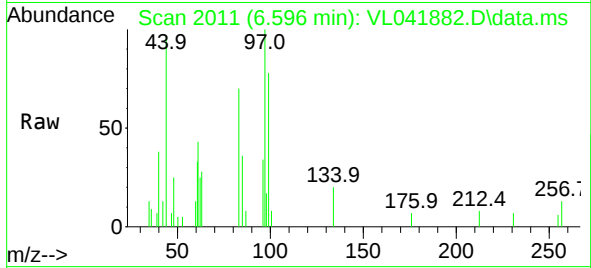
Tgt Ion: 75 Resp: 2125
 Ion Ratio Lower Upper
 75 100
 39 63.5 51.4 77.2
 77 38.5 23.0 34.4





#47
1,1,2-Trichloroethane
Concen: 0.131 ppbv m
RT: 6.596 min Scan# 2018
Delta R.T. -0.023 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

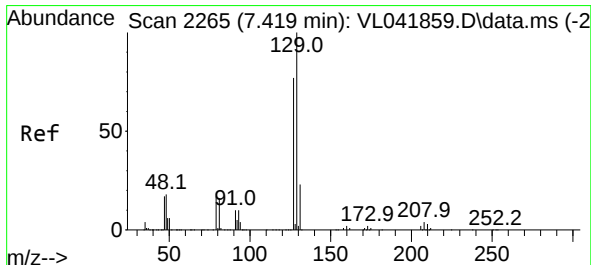
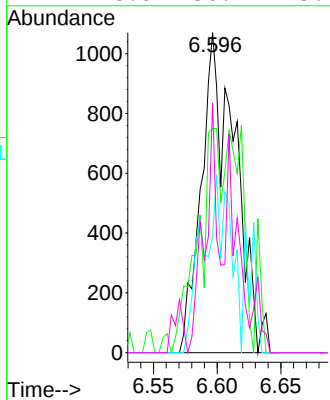
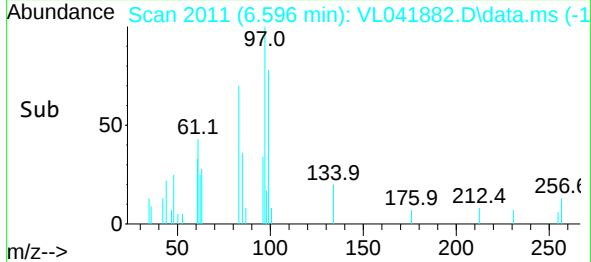
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 97 Resp: 198
Ion Ratio Lower Upper
97 100
83 70.1 68.1 102.1
85 36.3 43.4 65.2
99 78.0 50.1 75.1

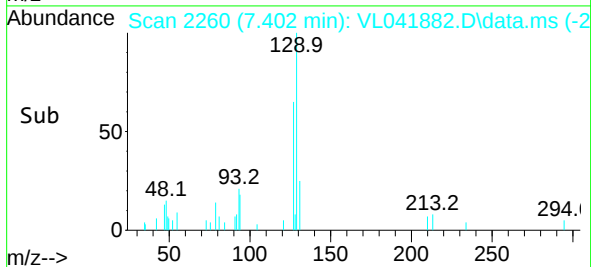
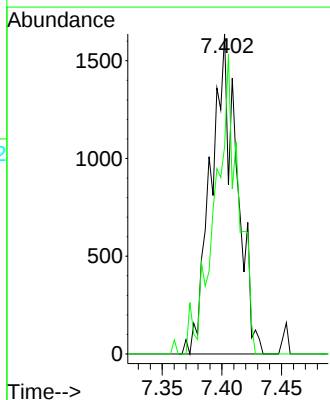
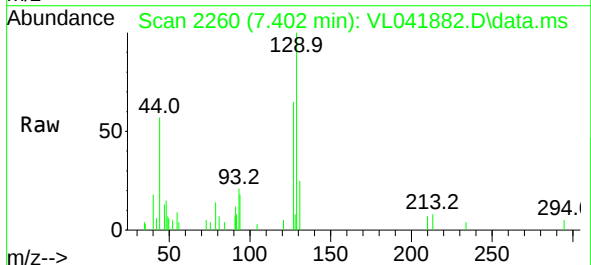
Manual Integrations
APPROVED

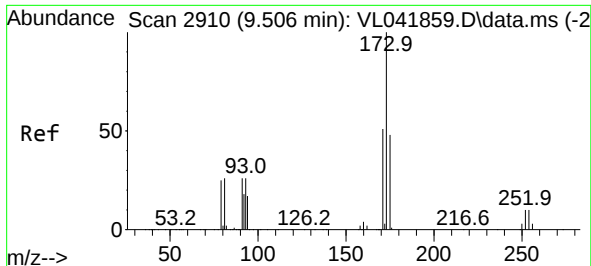
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#48
Dibromochloromethane
Concen: 0.109 ppbv m
RT: 7.402 min Scan# 2260
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

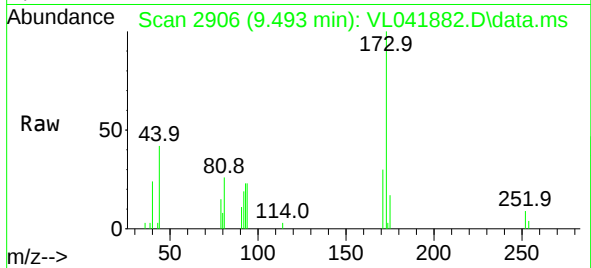
Tgt Ion:129 Resp: 2495
Ion Ratio Lower Upper
129 100
127 84.8 39.4 118.1





#49
Bromoform
Concen: 0.095 ppbv
RT: 9.493 min Scan# 2910
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

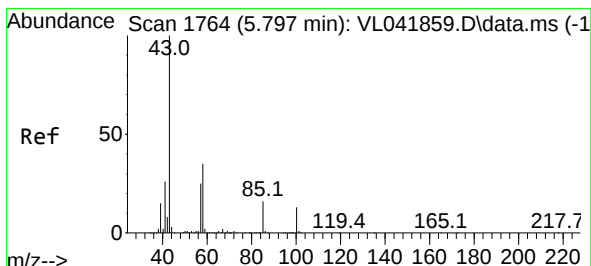
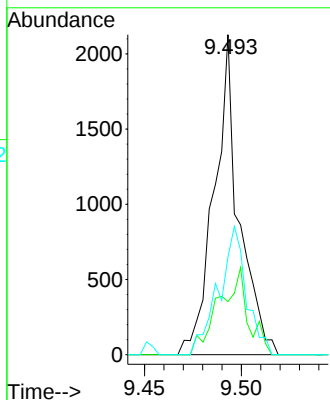
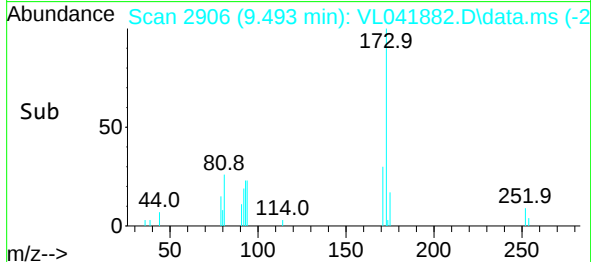
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



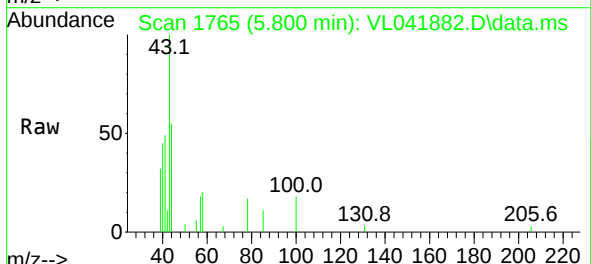
Tgt Ion: 173 Resp: 1894
Ion Ratio Lower Upper
173 100
175 32.0 38.2 57.2
171 44.8 41.3 61.9

Manual Integrations
APPROVED

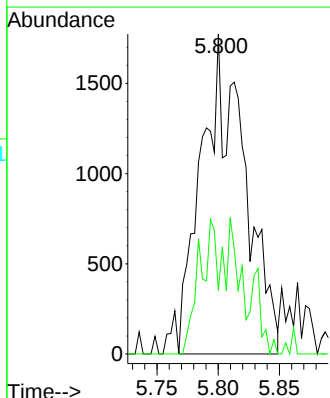
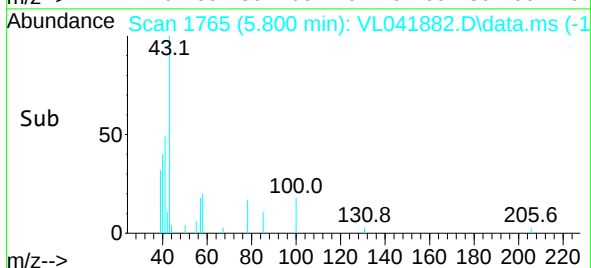
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

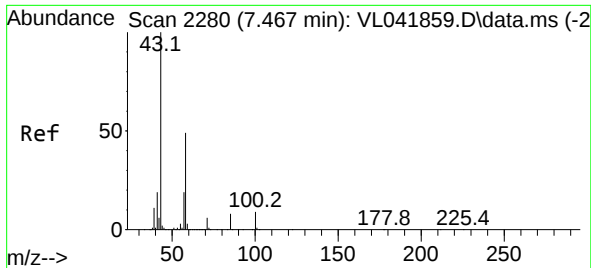


#50
4-Methyl-2-Pentanone
Concen: 0.105 ppbv m
RT: 5.800 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



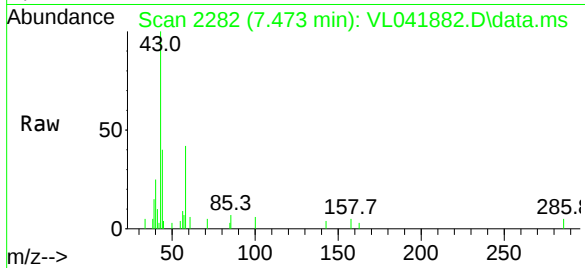
Tgt Ion: 43 Resp: 4331
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#





#51
2-Hexanone
Concen: 0.103 ppbv m
RT: 7.473 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

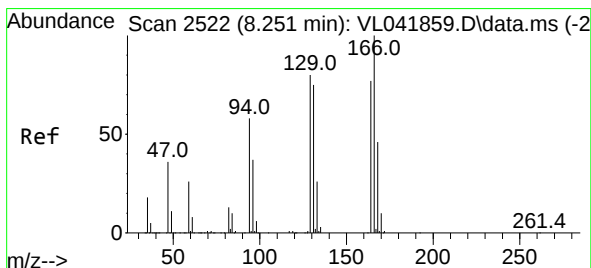
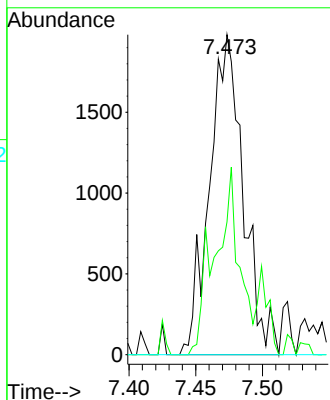
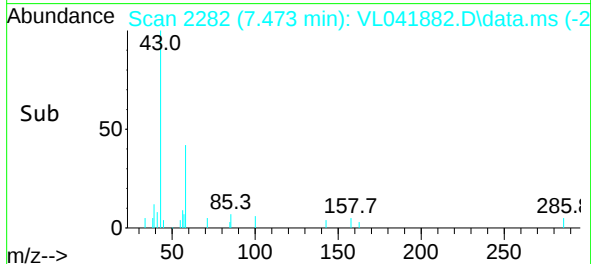
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#

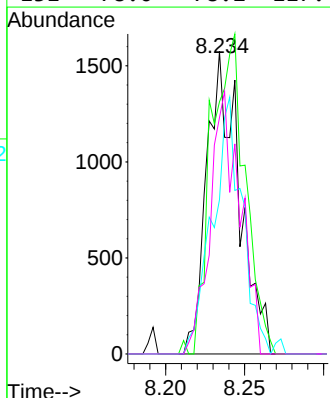
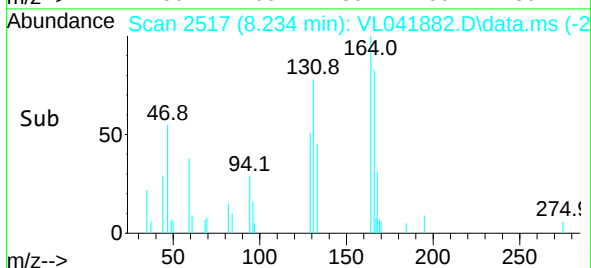
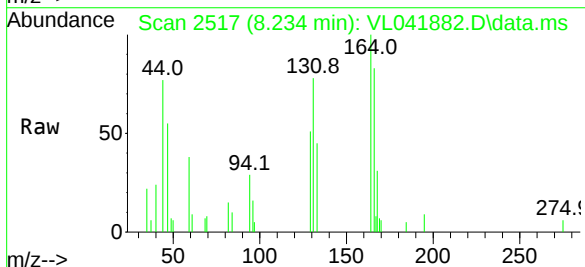
Manual Integrations
APPROVED

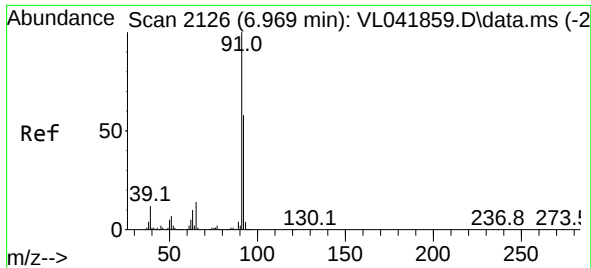
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#52
Tetrachloroethene
Concen: 0.145 ppbv m
RT: 8.234 min Scan# 2517
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

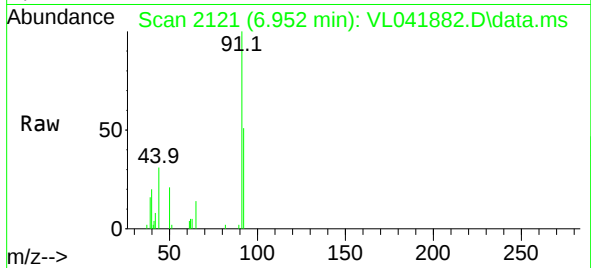
Tgt Ion:164 Resp: 2242
Ion Ratio Lower Upper
164 100
166 83.3 103.6 155.4#
129 51.0 82.6 123.8#
131 78.0 78.2 117.4#





#53
Toluene
Concen: 0.115 ppbv m
RT: 6.952 min Scan# 2121
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

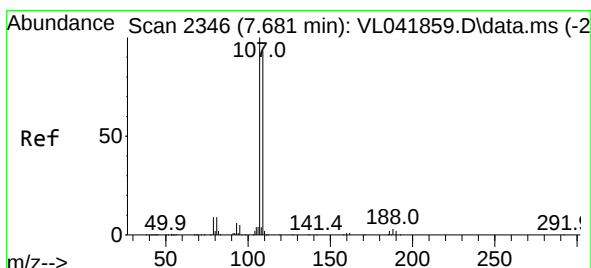
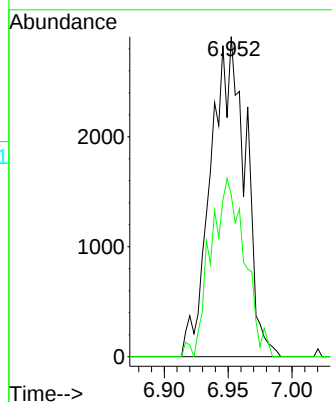
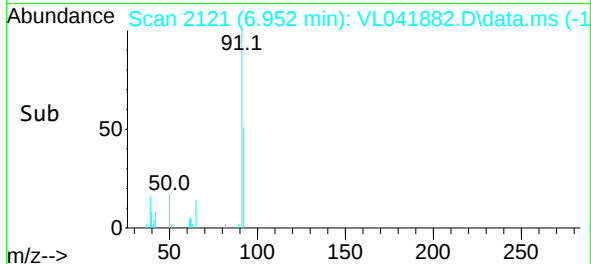
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



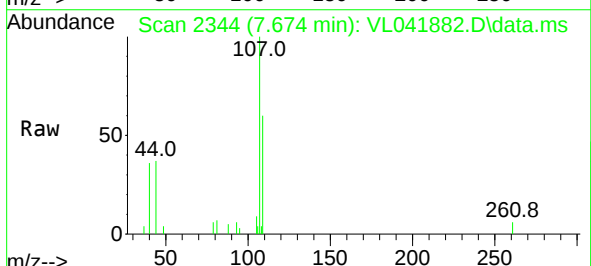
Tgt Ion: 91 Resp: 5510
Ion Ratio Lower Upper
91 100
92 0.0 47.2 70.8

Manual Integrations
APPROVED

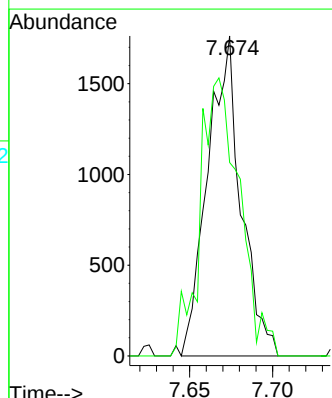
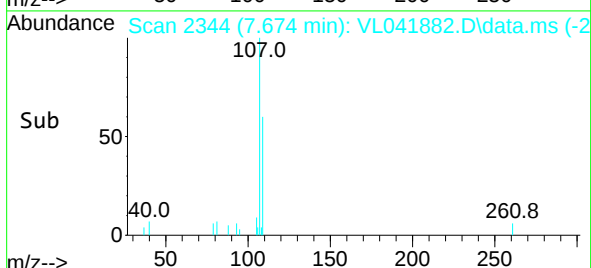
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

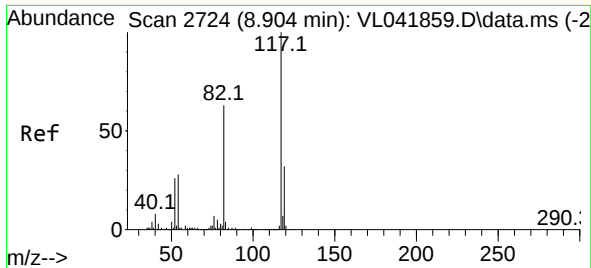


#54
1,2-Dibromoethane
Concen: 0.120 ppbv m
RT: 7.674 min Scan# 2344
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



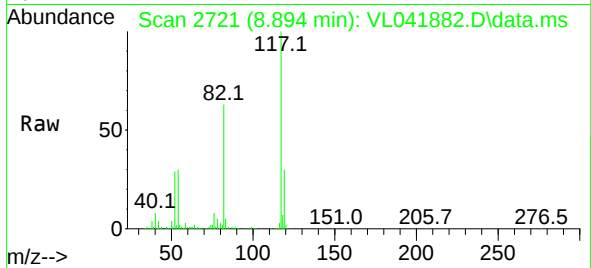
Tgt Ion:107 Resp: 2471
Ion Ratio Lower Upper
107 100
109 60.5 74.6 112.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

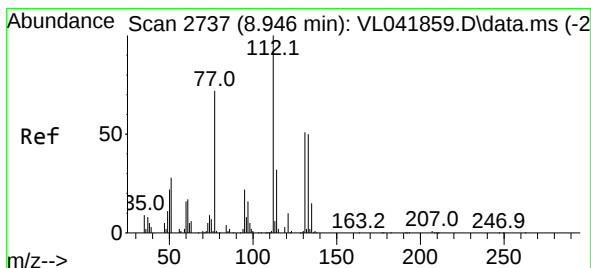
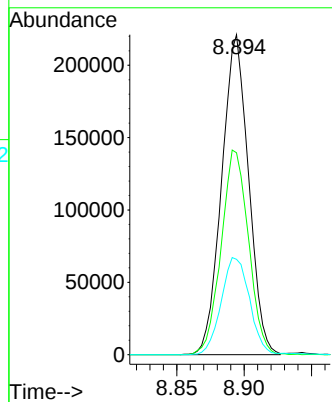
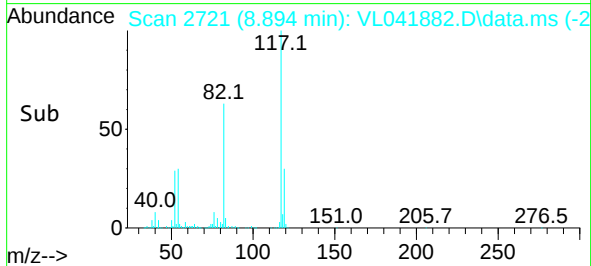
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:117 Resp: 30685
Ion Ratio Lower Upper
117 100
82 65.1 54.5 81.7
119 32.3 24.6 37.0

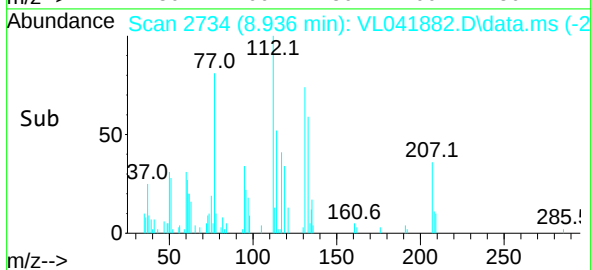
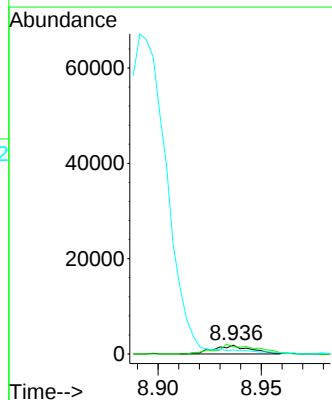
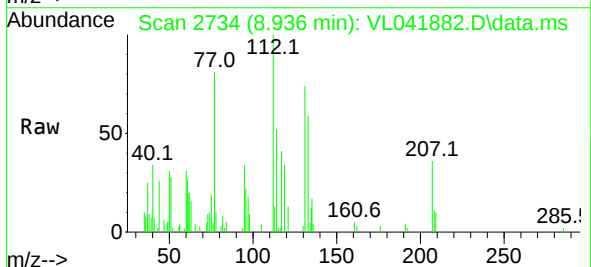
Manual Integrations
APPROVED

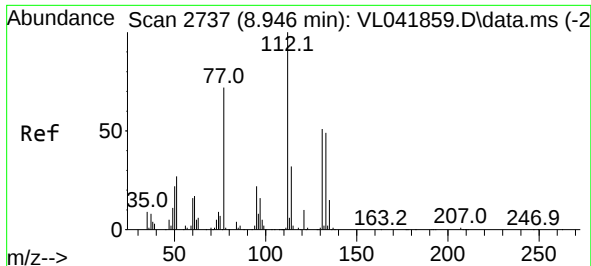
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.124 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion:131 Resp: 2262
Ion Ratio Lower Upper
131 100
133 118.9 77.4 116.2#
119 0.0 49.4 74.0#





#57

Chlorobenzene

Concen: 0.123 ppbv m

RT: 8.933 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

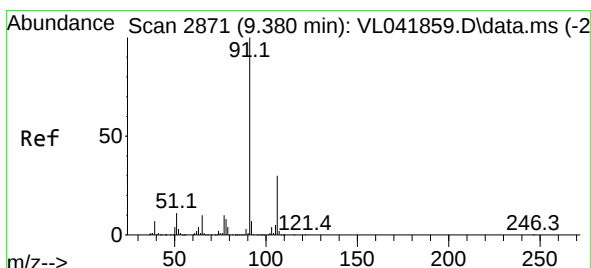
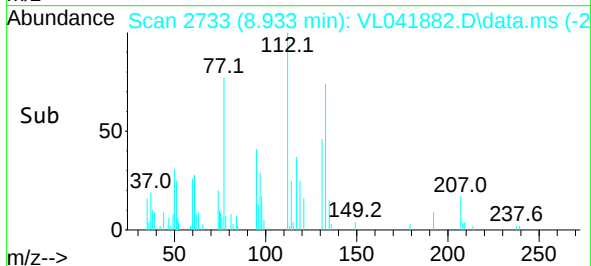
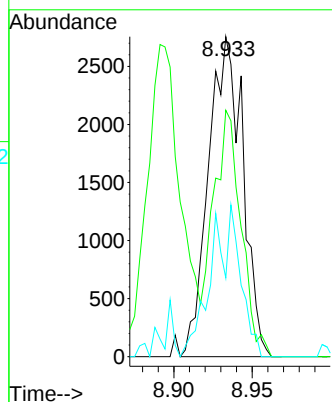
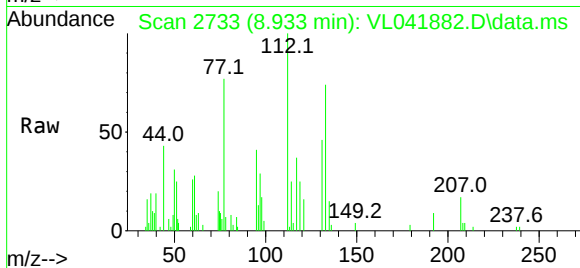
MDL 0.1

Tgt Ion:	112	Resp:	4194
Ion Ratio	Lower	Upper	
112	100		
77	77.0	58.3	87.5
114	24.6	28.9	35.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#58

Ethyl Benzene

Concen: 0.105 ppbv m

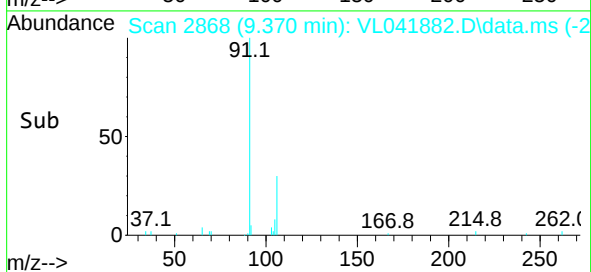
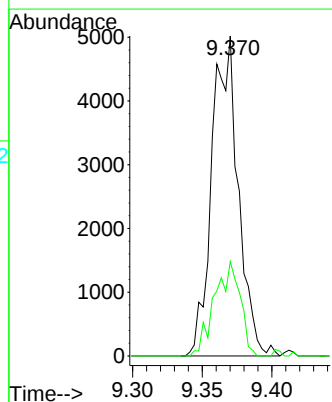
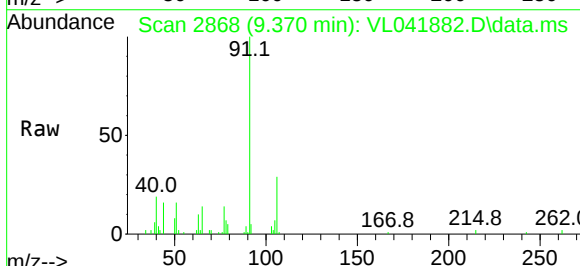
RT: 9.370 min Scan# 2868

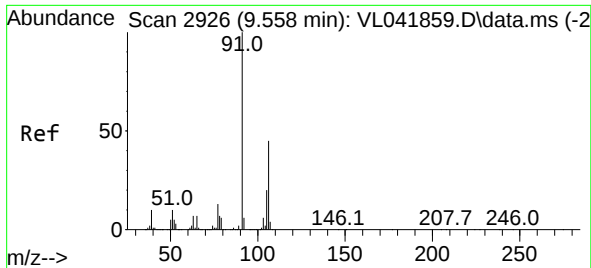
Delta R.T. -0.010 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Tgt Ion:	91	Resp:	6619
Ion Ratio	Lower	Upper	
91	100		
106	29.5	24.2	36.2





#59

m/p-Xylene

Concen: 0.223 ppbv m

RT: 9.564 min Scan# 2926

Delta R.T. 0.006 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

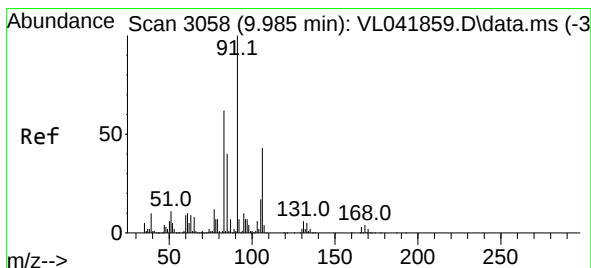
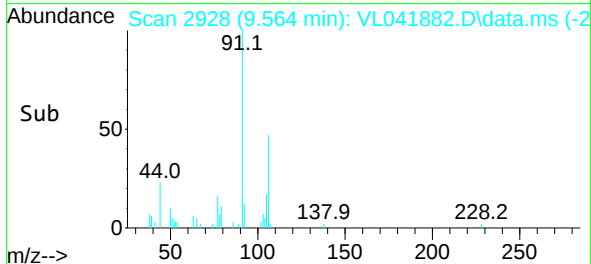
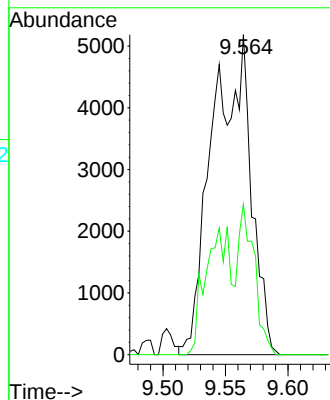
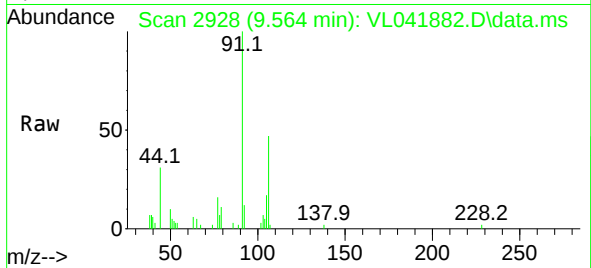
MDL 0.1

Tgt Ion: 91 Resp: 11098
 Ion Ratio Lower Upper
 91 100
 106 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#60

o-Xylene

Concen: 0.114 ppbv

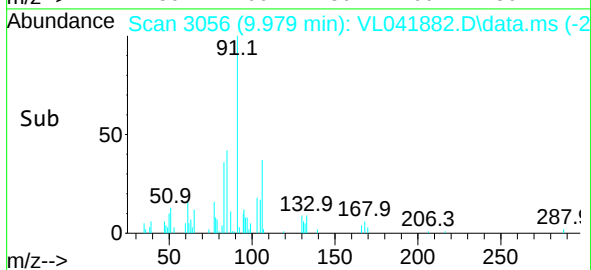
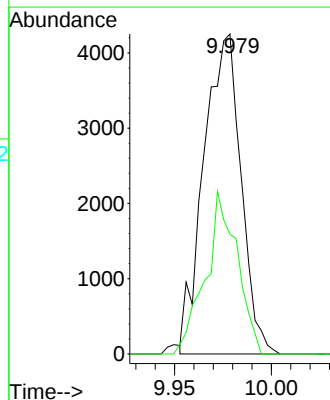
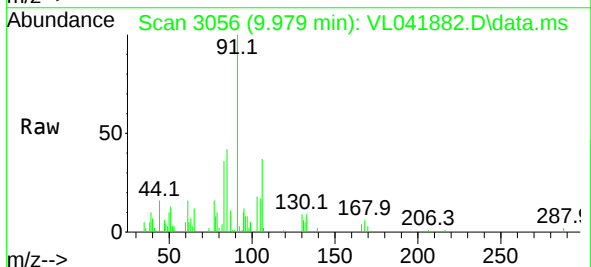
RT: 9.979 min Scan# 3056

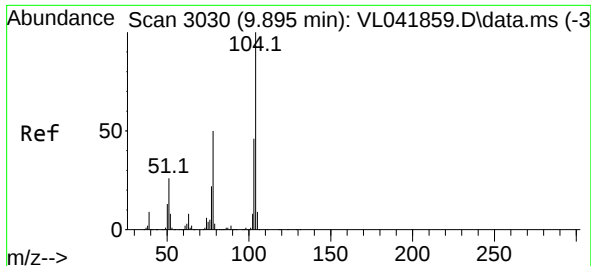
Delta R.T. -0.007 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

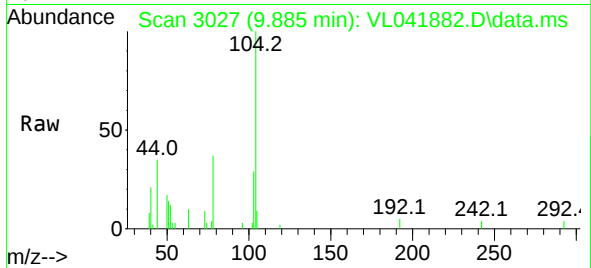
Tgt Ion: 91 Resp: 5689
 Ion Ratio Lower Upper
 91 100
 106 43.2 21.4 64.3





#61
Styrene
Concen: 0.104 ppbv m
RT: 9.885 min Scan# 3030
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

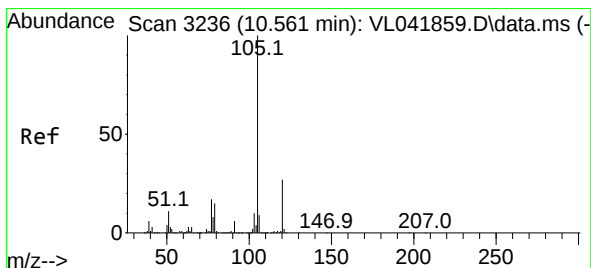
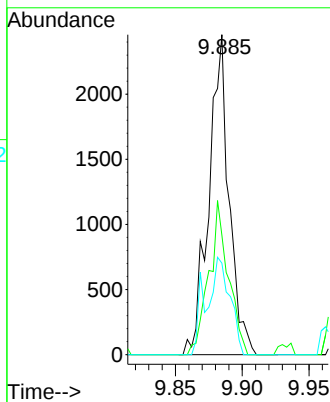
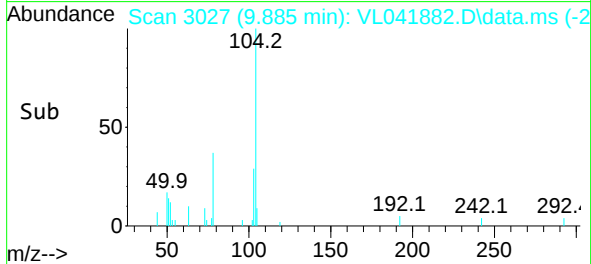
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:104 Resp: 259
Ion Ratio Lower Upper
104 100
78 46.3 40.7 61.1
103 35.5 37.0 55.6

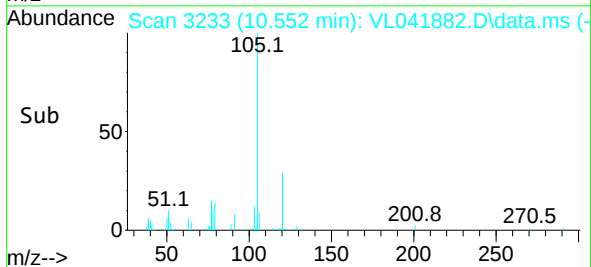
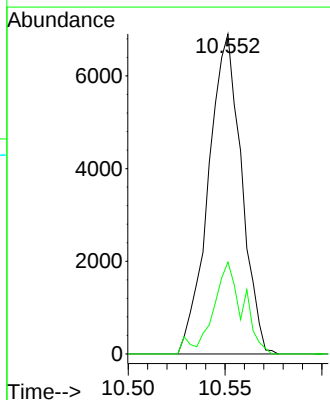
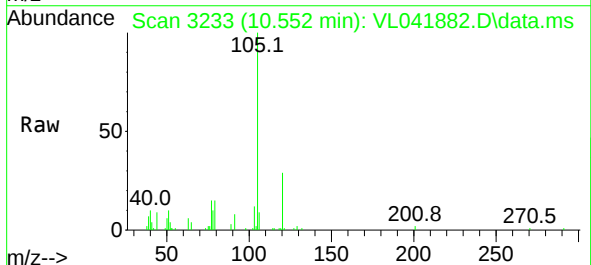
Manual Integrations
APPROVED

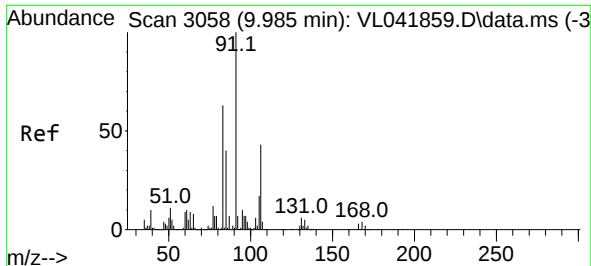
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#62
Isopropylbenzene
Concen: 0.110 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

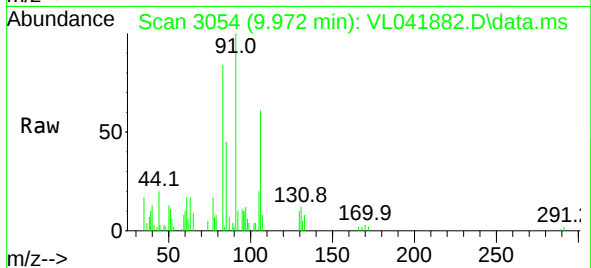
Tgt Ion:105 Resp: 8208
Ion Ratio Lower Upper
105 100
120 26.1 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.109 ppbv m
RT: 9.972 min Scan# 3054
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

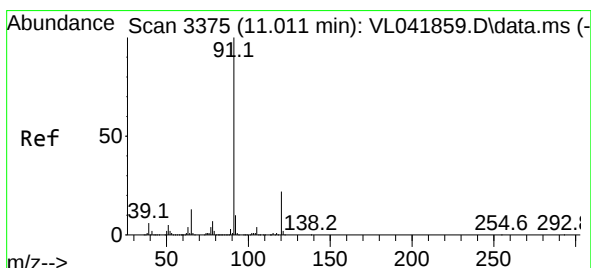
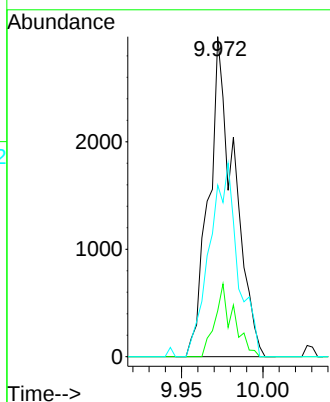
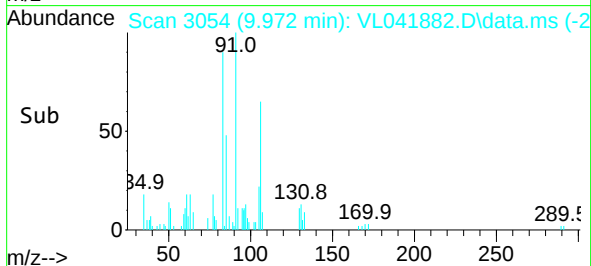
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



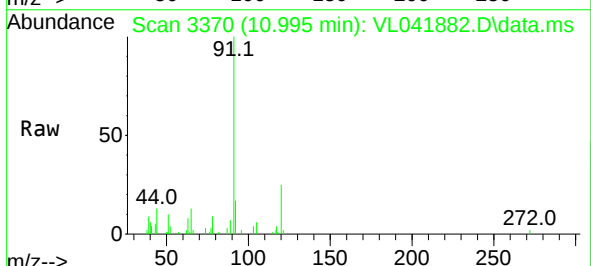
Tgt Ion: 83 Resp: 3250
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 0.0 32.1 96.3

Manual Integrations
APPROVED

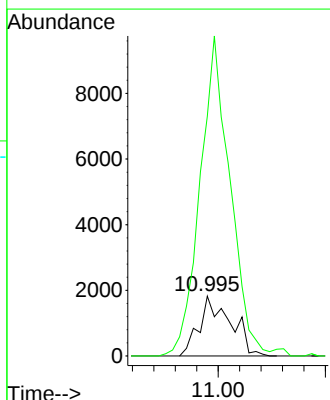
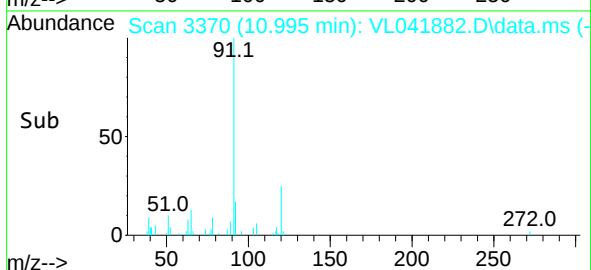
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

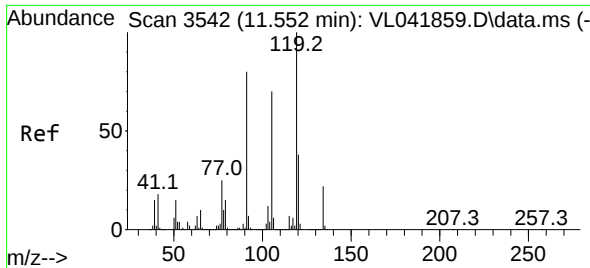


#64
n-propylbenzene
Concen: 0.095 ppbv m
RT: 10.995 min Scan# 3370
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



Tgt Ion:120 Resp: 1853
Ion Ratio Lower Upper
120 100
91 516.2 376.9 565.3





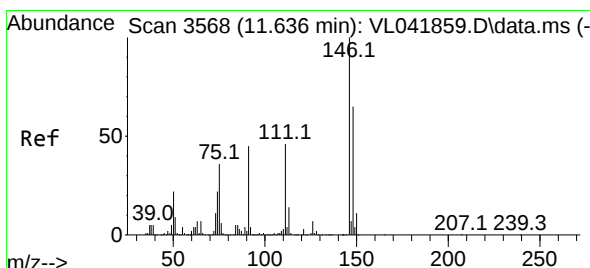
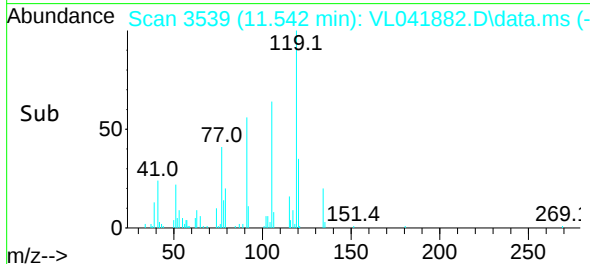
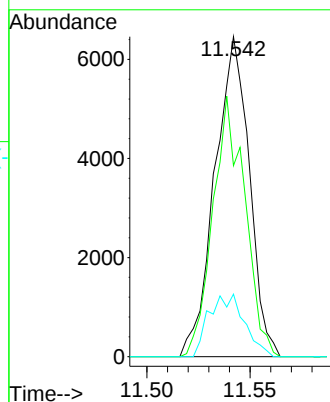
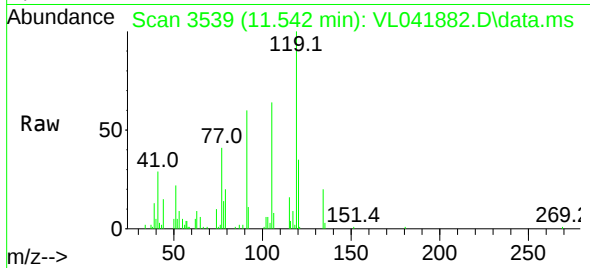
#65
tert-Butylbenzene
Concen: 0.110 ppbv
RT: 11.542 min Scan# 3542
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion: 119 Resp: 748
Ion Ratio Lower Upper
119 100
91 75.7 64.6 97.0
134 20.0 16.9 25.3

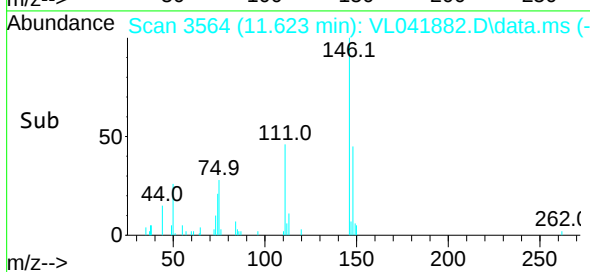
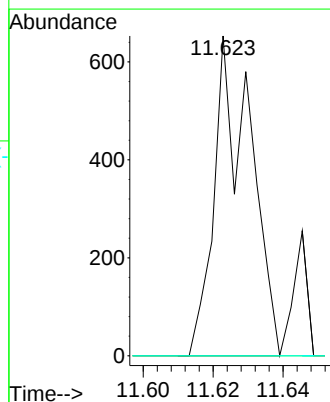
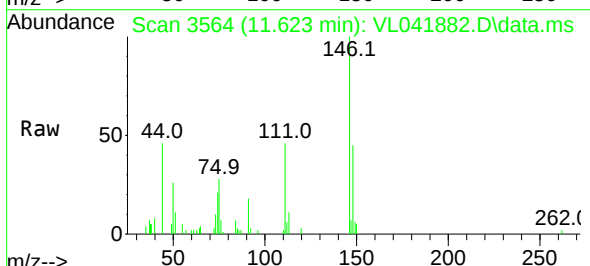
Manual Integrations
APPROVED

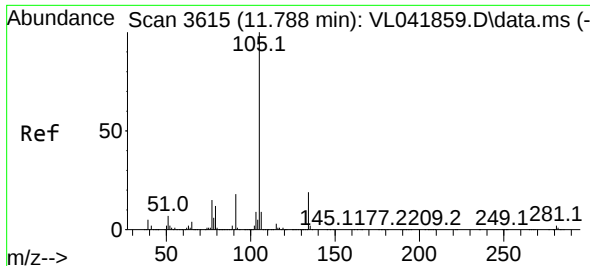
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#66
Benzyl Chloride
Concen: 0.067 ppbv m
RT: 11.623 min Scan# 3564
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

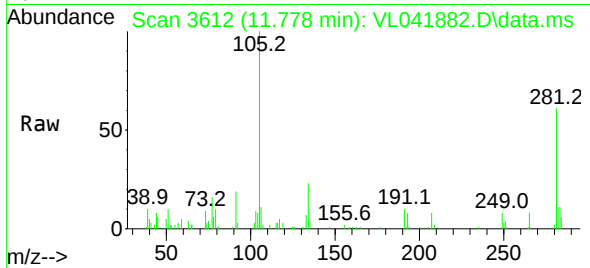
Tgt Ion: 91 Resp: 469
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#





#67
 sec-Butylbenzene
 Concen: 0.097 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.010 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

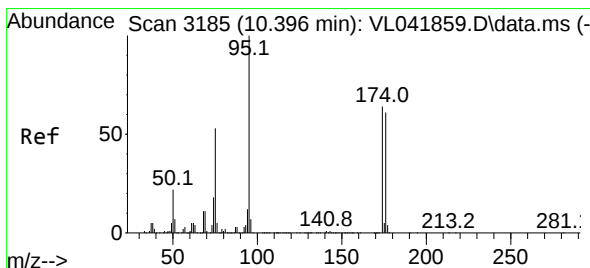
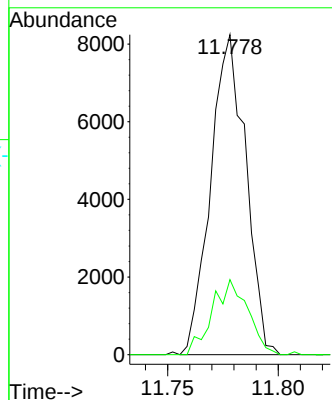
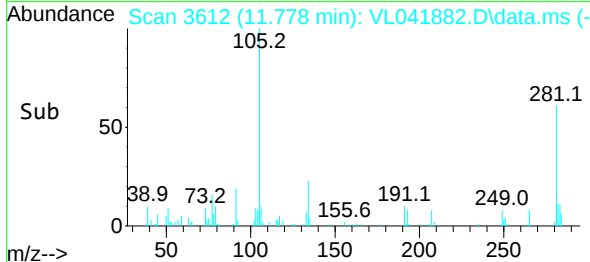
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



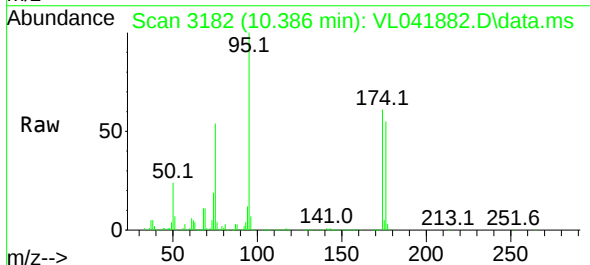
Tgt Ion: 105 Resp: 909
 Ion Ratio Lower Upper
 105 100
 134 23.9 15.4 23.2

Manual Integrations
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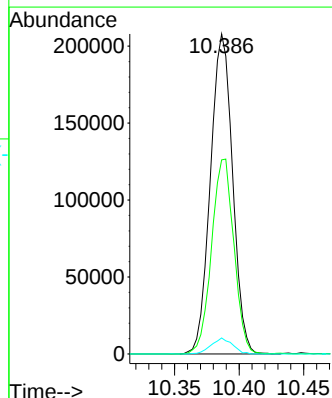
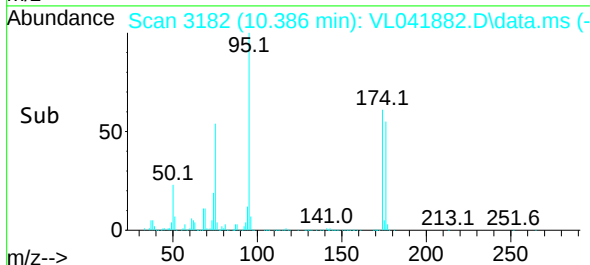
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

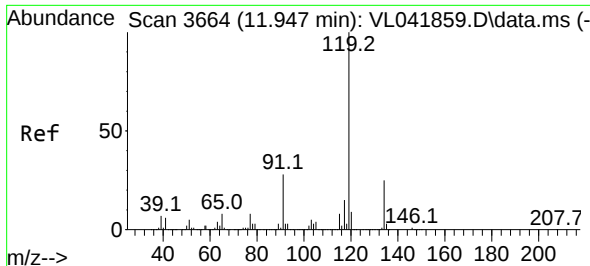


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.096 ppbv
 RT: 10.386 min Scan# 3182
 Delta R.T. -0.010 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47



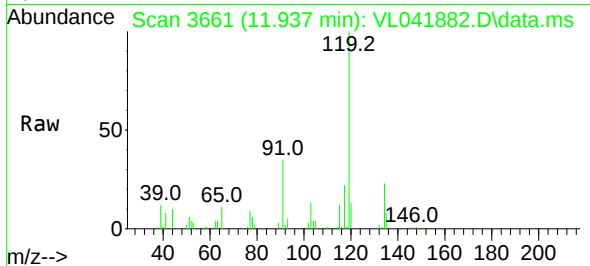
Tgt Ion: 95 Resp: 248419
 Ion Ratio Lower Upper
 95 100
 174 61.6 51.1 76.7
 175 4.8 3.8 5.8





#69
p-Isopropyltoluene
Concen: 0.100 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

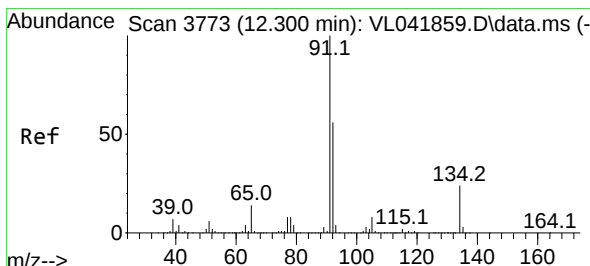
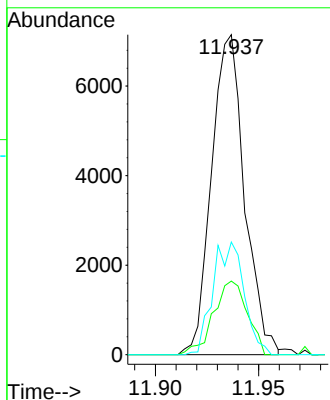
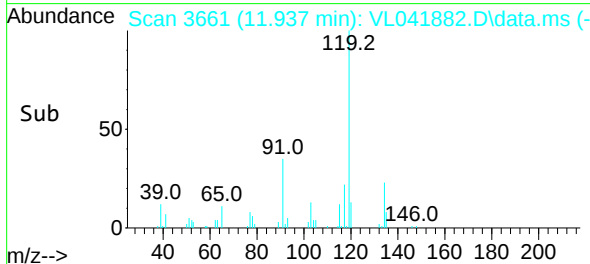
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



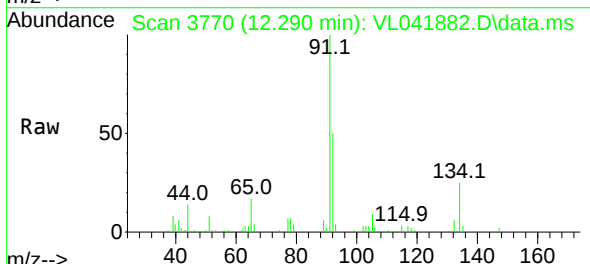
Tgt Ion	Ratio	Lower	Upper
119	100		
134	23.6	20.3	30.5
91	33.3	22.6	34.0

Manual Integrations
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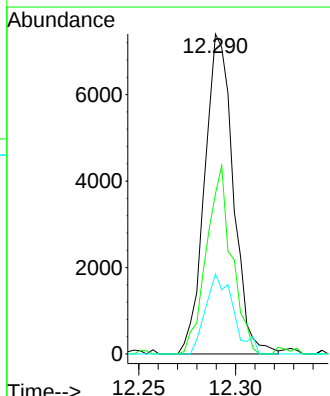
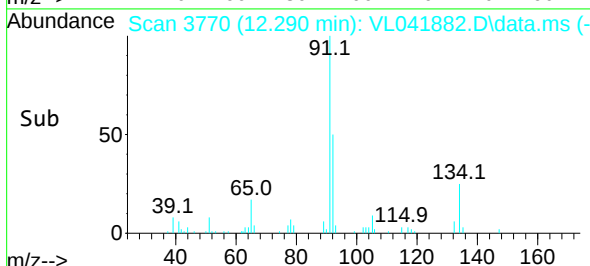
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

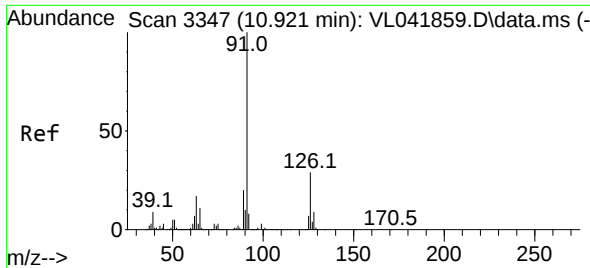


#70
n-Butylbenzene
Concen: 0.095 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.7	43.8	65.8
134	24.1	19.3	28.9





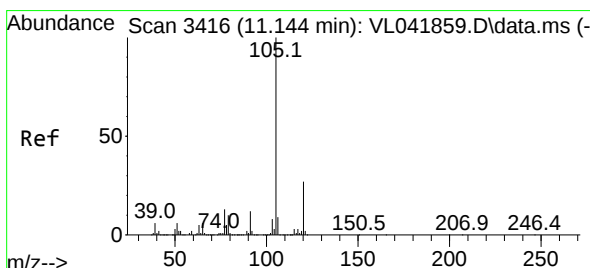
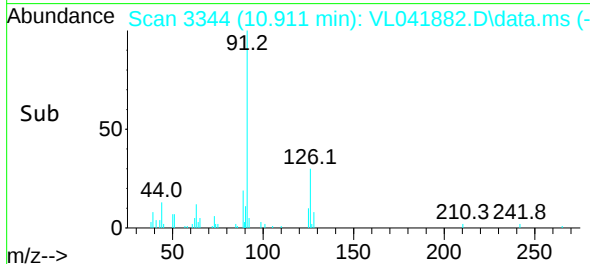
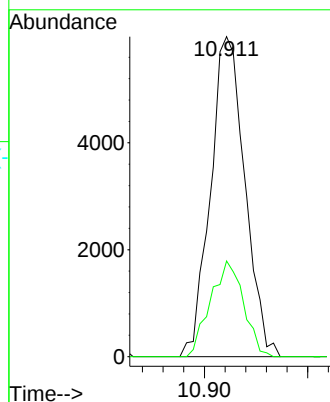
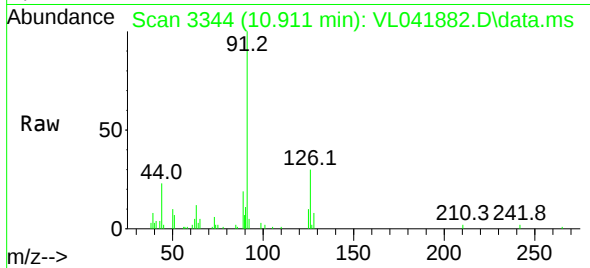
#71
2-Chlorotoluene
Concen: 0.119 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 91 Resp: 692
Ion Ratio Lower Upper
91 100
126 28.8 11.6 46.6

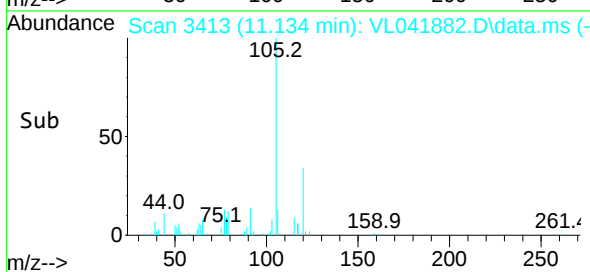
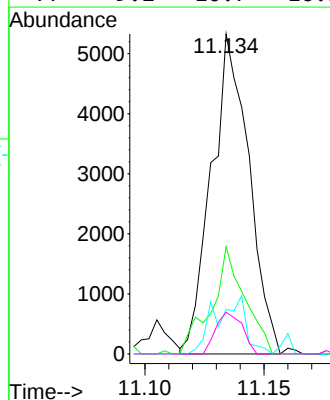
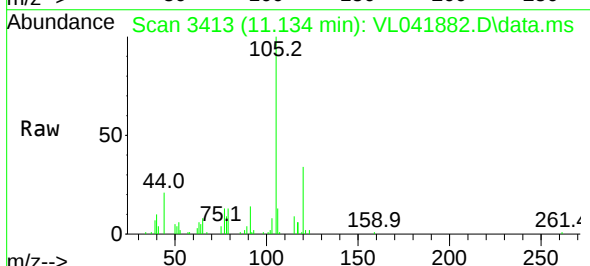
Manual Integrations
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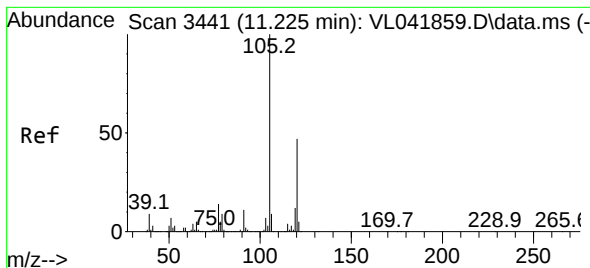
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#72
4-Ethyltoluene
Concen: 0.095 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion:105 Resp: 5819
Ion Ratio Lower Upper
105 100
120 30.2 23.5 35.3
91 16.4 9.8 14.8#
77 9.2 10.7 16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.103 ppbv

RT: 11.212 min Scan# 3441

Delta R.T. -0.013 min

Lab File: VL041882.D

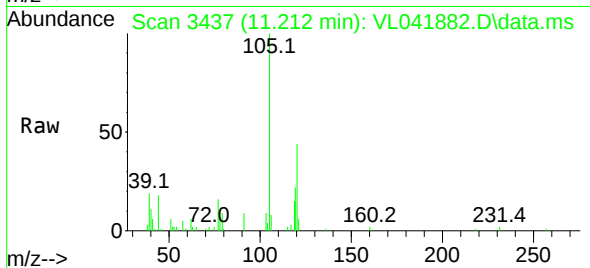
Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1



Tgt Ion:105 Resp: 5314

Ion Ratio Lower Upper

105 100

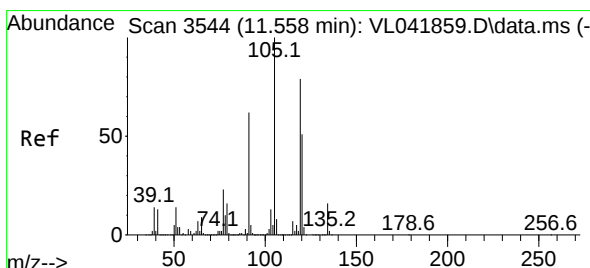
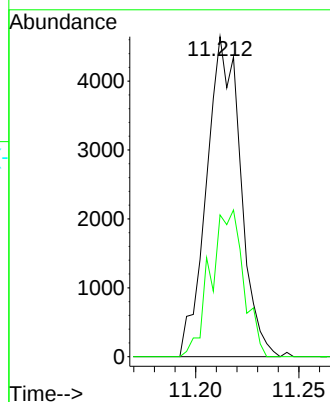
120 44.3 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.101 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.010 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Tgt Ion:105 Resp: 5664

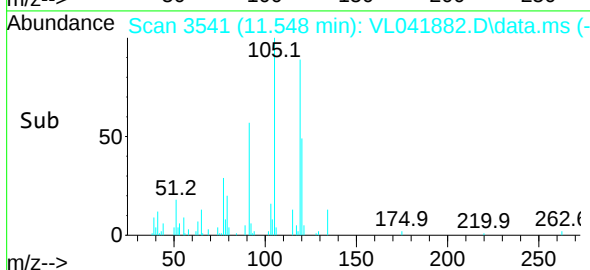
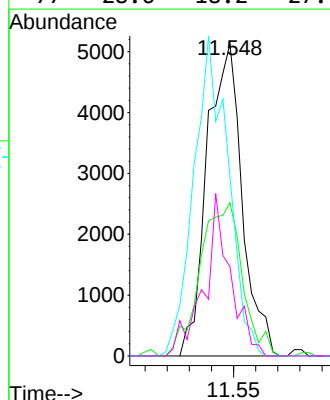
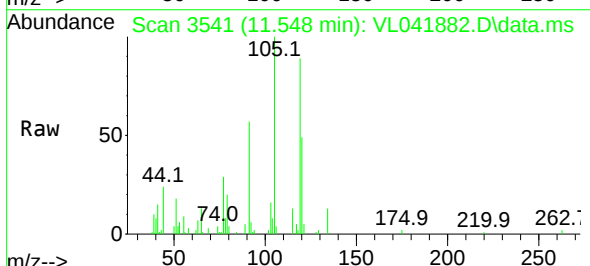
Ion Ratio Lower Upper

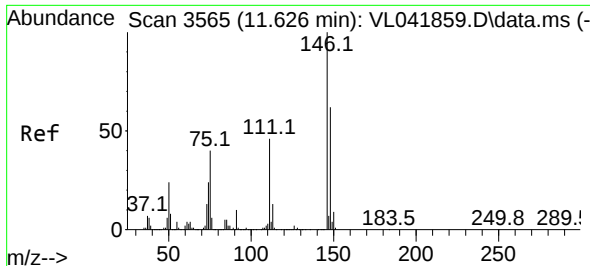
105 100

120 48.0 41.1 61.7

91 57.4 50.0 75.0

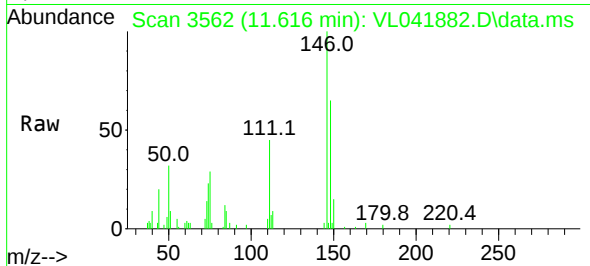
77 28.6 18.2 27.4#





#75
1,3-Dichlorobenzene
Concen: 0.127 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

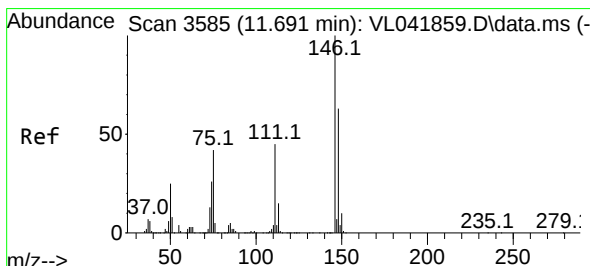
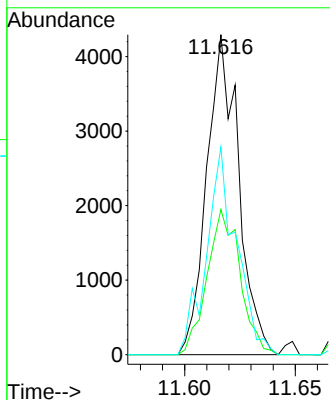
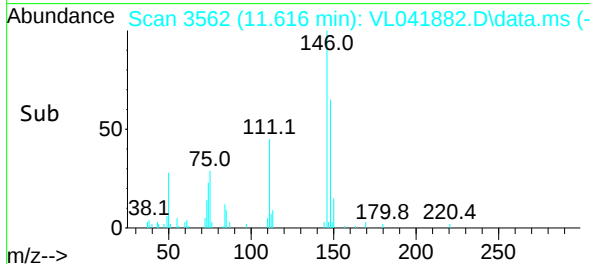
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



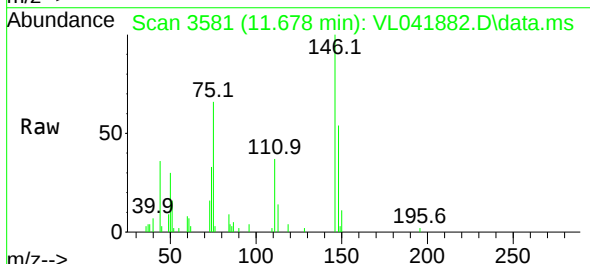
Tgt Ion:146 Resp: 428
Ion Ratio Lower Upper
146 100
111 47.1 23.2 69.5
148 61.2 31.6 94.7

Manual Integrations
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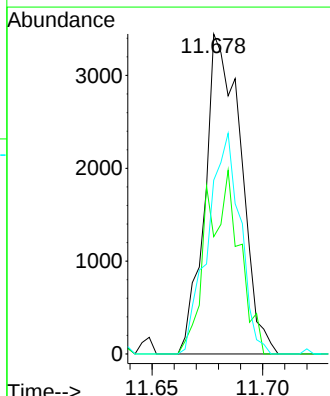
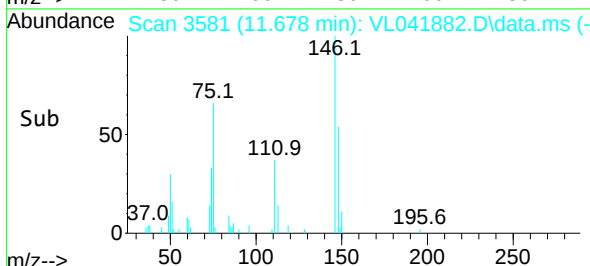
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

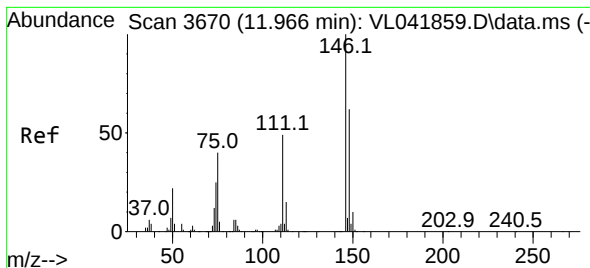


#76
1,4-Dichlorobenzene
Concen: 0.116 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



Tgt Ion:146 Resp: 3888
Ion Ratio Lower Upper
146 100
111 52.6 22.1 66.1
148 62.6 31.2 93.6





#77

1,2-Dichlorobenzene

Concen: 0.128 ppbv m

RT: 11.953 min Scan# 3666

Delta R.T. -0.013 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

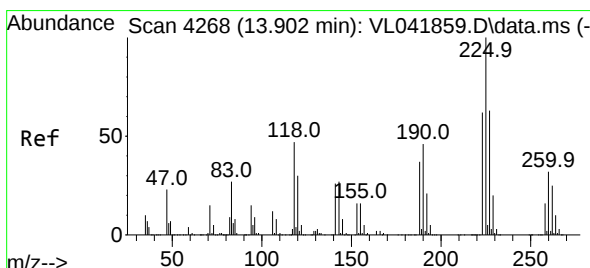
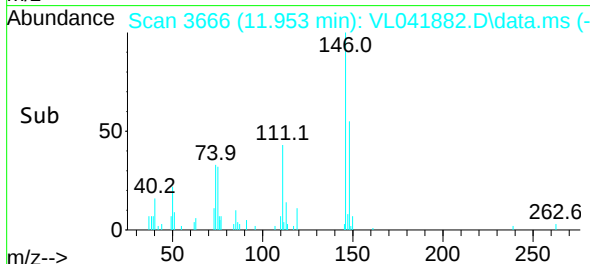
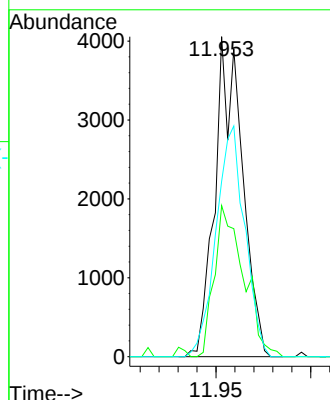
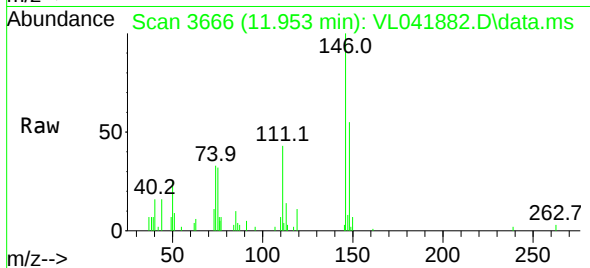
MDL 0.1

Tgt Ion:	146	Resp:	4068
Ion Ratio	Lower	Upper	
146	100		
111	50.3	24.1	72.3
148	59.8	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#78

Hexachloro-1,3-Butadiene

Concen: 0.128 ppbv

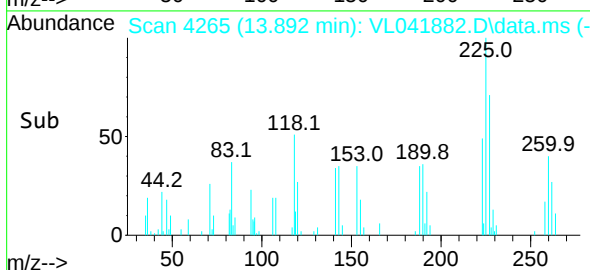
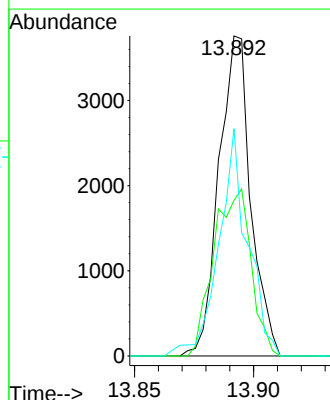
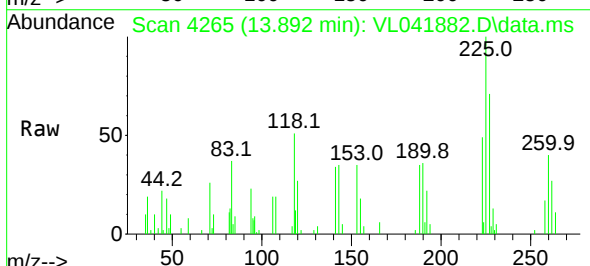
RT: 13.892 min Scan# 4265

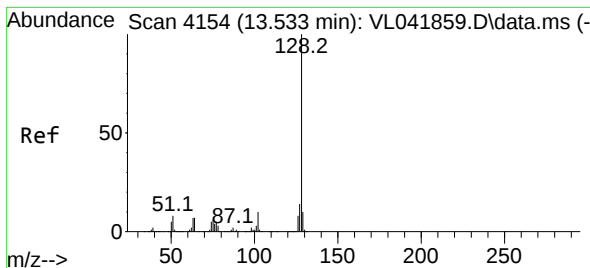
Delta R.T. -0.010 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

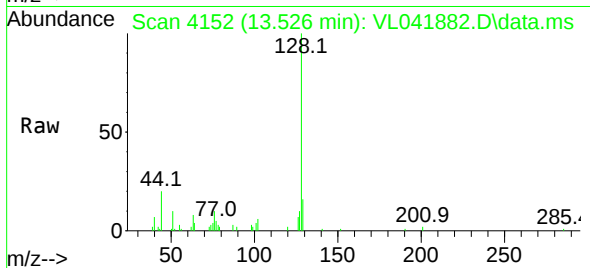
Tgt Ion:	225	Resp:	3493
Ion Ratio	Lower	Upper	
225	100		
223	61.4	50.6	75.8
227	64.2	50.9	76.3





#79
Naphthalene
Concen: 0.081 ppbv
RT: 13.526 min Scan# 4154
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

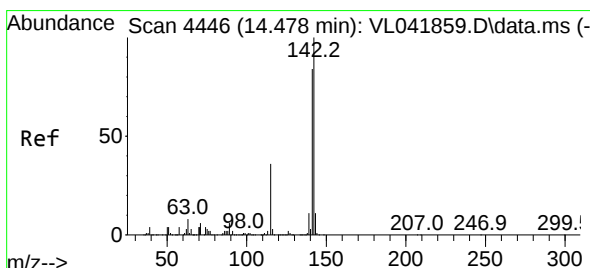
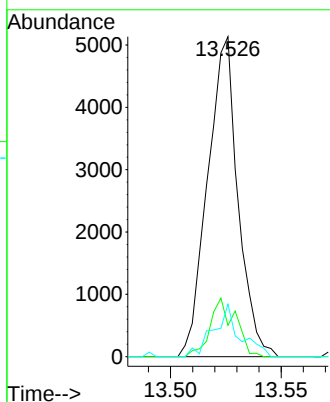
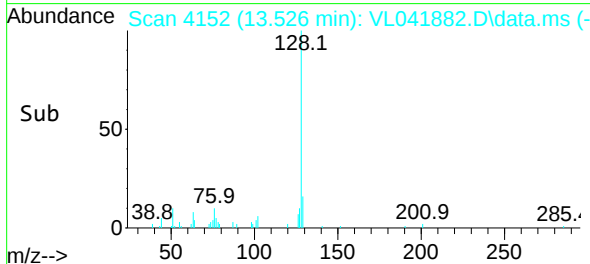
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



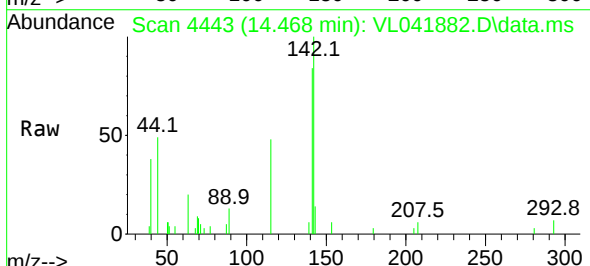
Tgt Ion:128 Resp: 4908
Ion Ratio Lower Upper
128 100
127 9.8 10.8 16.2#
129 16.4 8.2 12.4#

Manual Integrations
APPROVED

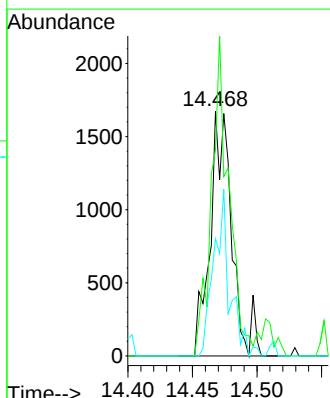
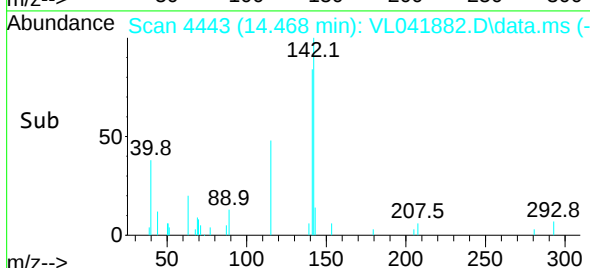
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

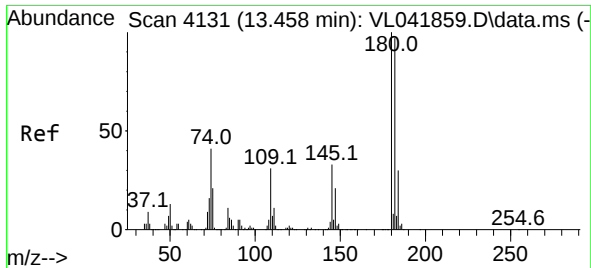


#80
Naphthalene,2-methyl-
Concen: 0.060 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47



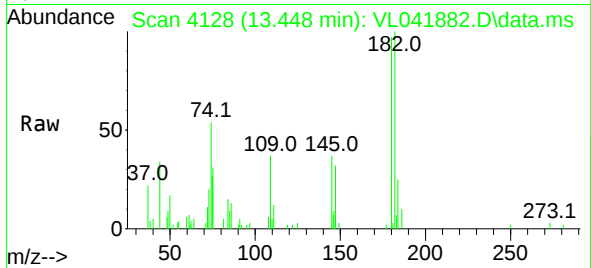
Tgt Ion:142 Resp: 1952
Ion Ratio Lower Upper
142 100
141 104.9 68.2 102.4#
115 51.7 29.4 44.2#





#81
1,2,4-Trichlorobenzene
Concen: 0.113 ppbv
RT: 13.448 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.8	113.8
184	32.7	24.1	36.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

