

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041881.D
 Acq On : 09 Jan 2025 23:17
 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 01:54:14 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	2.800	49	119198	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	350799	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	312465	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 252030 10.059 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.600%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.502	85	3275m	0.167	ppbv	
3) Chlorodifluoromethane	1.479	51	3143	0.146	ppbv	99
4) Chloromethane	1.538	50	1340	0.176	ppbv	97
5) Vinyl Chloride	1.586	62	1110	0.137	ppbv #	79
6) Bromomethane	1.673	94	794	0.208	ppbv #	48
7) Chloroethane	1.709	64	433	0.138	ppbv #	75
8) Dichlorotetrafluoroethane	1.560	85	2338	0.137	ppbv	99
9) Propene	1.489	41	2004	0.200	ppbv	90
10) Heptane	5.004	43	3473m	0.131	ppbv	
11) Trichlorofluoromethane	1.887	101	2824	0.140	ppbv	85
12) 1,1,2-Trichlorotrifluo...	2.146	101	2586	0.159	ppbv	84
13) Ethanol	1.725	45	842m	1.322	ppbv	
14) Bromoethene	1.787	108	764	0.131	ppbv #	72
15) Acetone	1.842	43	6030	0.300	ppbv #	88
16) 1,3-Butadiene	1.615	39	1452	0.168	ppbv #	82
17) tert-Butyl alcohol	2.049	59	3047	0.134	ppbv #	73
18) 1,1-Dichloroethene	2.042	96	1221	0.166	ppbv #	50
19) Isopropyl Alcohol	1.894	45	2710	0.256	ppbv #	63
20) Methylene Chloride	2.068	84	2093	0.305	ppbv #	83
21) Allyl Chloride	2.104	41	2233	0.174	ppbv #	74
22) trans-1,2-Dichloroethene	2.350	96	1523	0.179	ppbv	86
23) Vinyl Acetate	2.466	43	1373m	0.135	ppbv	
24) 1,1-Dichloroethane	2.415	63	1905	0.118	ppbv #	88
25) Ethyl Acetate	2.852	43	5430	0.109	ppbv	96
26) Hexane	2.842	57	2863	0.139	ppbv #	84
27) Carbon Disulfide	2.159	76	2369	0.120	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	1807m	0.115	ppbv	
29) Chloroform	2.861	83	4251m	0.148	ppbv	
30) Cyclohexane	3.881	84	2319m	0.131	ppbv	
31) cis-1,2-Dichloroethene	2.735	61	2461	0.123	ppbv	96
32) 1,1,1-Trichloroethane	3.386	97	3776m	0.132	ppbv	
34) 2-Butanone	2.576	43	4378	0.150	ppbv	94
35) Carbon Tetrachloride	3.777	117	3324	0.122	ppbv #	96
36) Benzene	3.674	78	5678	0.140	ppbv #	91
37) 1,2-Dichloroethane	3.230	62	2946	0.138	ppbv #	94
38) Trichloroethene	4.573	130	2339m	0.146	ppbv	
39) 1,2-Dichloropropane	4.334	63	1975m	0.136	ppbv	
40) 1,4-Dioxane	4.635	88	1034m	0.142	ppbv	
41) Tetrahydrofuran	3.085	42	2202	0.129	ppbv	94
42) Bromodichloromethane	4.512	83	3274m	0.112	ppbv	
43) Methyl Methacrylate	4.910	69	2124m	0.127	ppbv	
44) 2,2,4-Trimethylpentane	4.661	57	8540m	0.124	ppbv	
45) t-1,3-Dichloropropene	6.444	75	1796m	0.105	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
 APPROVED

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

Quant Time: Jan 10 01:54:14 2025

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

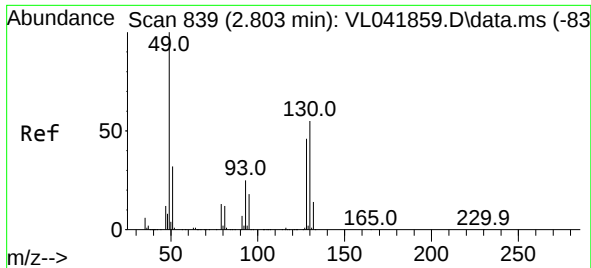
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	5.632	75	2291m	0.105	ppbv	
47) 1,1,2-Trichloroethane	6.600	97	1884m	0.124	ppbv	
48) Dibromochloromethane	7.399	129	2264m	0.098	ppbv	
49) Bromoform	9.496	173	1771m	0.088	ppbv	
50) 4-Methyl-2-Pentanone	5.800	43	4881m	0.117	ppbv	
51) 2-Hexanone	7.477	43	3228m	0.094	ppbv	
52) Tetrachloroethene	8.237	164	1946m	0.125	ppbv	
53) Toluene	6.956	91	5927m	0.122	ppbv	
54) 1,2-Dibromoethane	7.671	107	2370m	0.114	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.940	131	2377m	0.128	ppbv	
57) Chlorobenzene	8.936	112	4354	0.125	ppbv #	88
58) Ethyl Benzene	9.367	91	7412	0.115	ppbv #	78
59) m/p-Xylene	9.568	91	11019m	0.217	ppbv	
60) o-Xylene	9.979	91	5565m	0.110	ppbv	
61) Styrene	9.882	104	2564m	0.101	ppbv	
62) Isopropylbenzene	10.552	105	9208	0.121	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.982	83	4108m	0.135	ppbv	
64) n-propylbenzene	11.005	120	1986	0.100	ppbv	90
65) tert-Butylbenzene	11.545	119	7266	0.105	ppbv	92
66) Benzyl Chloride	11.629	91	468m	0.065	ppbv	
67) sec-Butylbenzene	11.778	105	10817	0.114	ppbv #	91
69) p-Isopropyltoluene	11.934	119	8131	0.100	ppbv #	92
70) n-Butylbenzene	12.293	91	8440	0.104	ppbv	96
71) 2-Chlorotoluene	10.914	91	7004	0.119	ppbv	99
72) 4-Ethyltoluene	11.137	105	6361	0.102	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.215	105	5259	0.100	ppbv	93
74) 1,2,4-Trimethylbenzene	11.552	105	6397	0.112	ppbv #	80
75) 1,3-Dichlorobenzene	11.616	146	4398	0.128	ppbv	95
76) 1,4-Dichlorobenzene	11.688	146	4068m	0.120	ppbv	
77) 1,2-Dichlorobenzene	11.960	146	4074	0.126	ppbv	92
78) Hexachloro-1,3-Butadiene	13.892	225	3452	0.124	ppbv	91
79) Naphthalene	13.526	128	5406	0.088	ppbv #	90
80) Naphthalene,2-methyl-	14.471	142	2511	0.075	ppbv #	77
81) 1,2,4-Trichlorobenzene	13.452	180	3551	0.121	ppbv	96

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



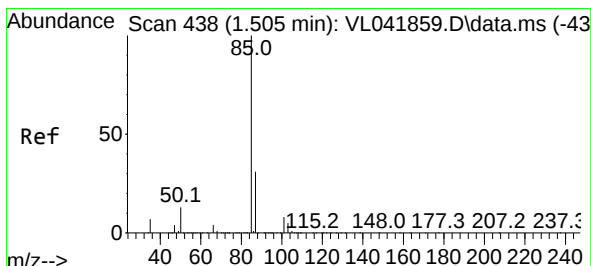
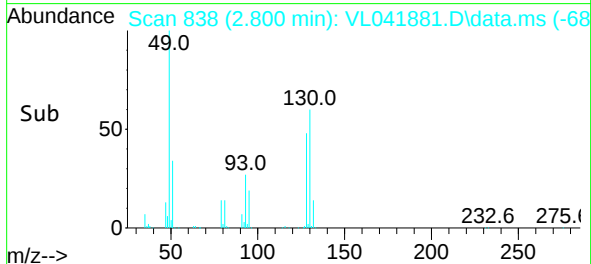
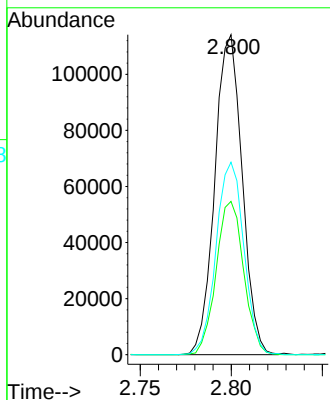
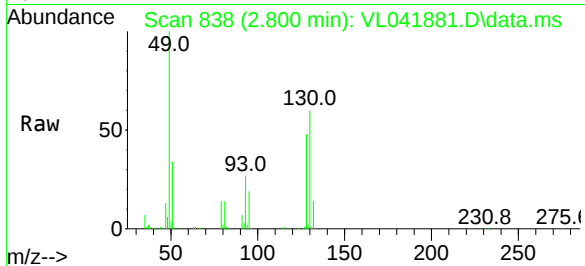
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 49 Resp: 119198
Ion Ratio Lower Upper
49 100
128 48.3 23.2 69.5
130 61.0 29.9 89.8

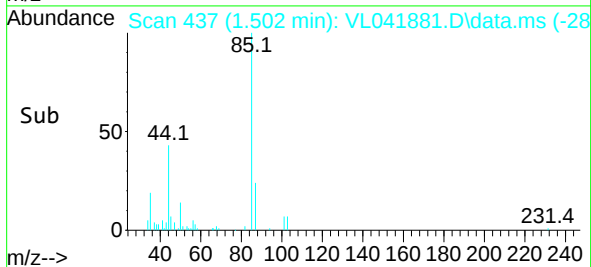
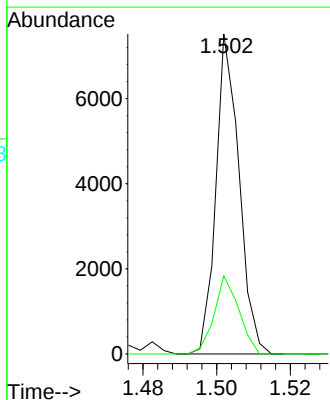
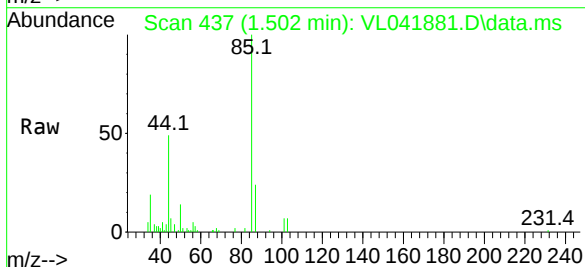
Manual Integrations
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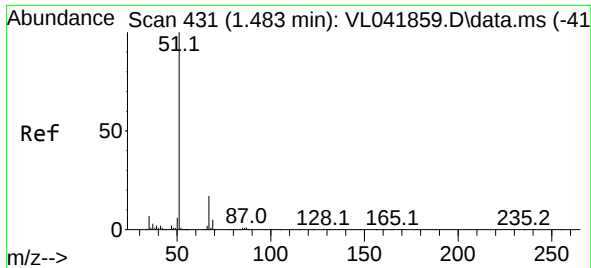
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#2
Dichlorodifluoromethane
Concen: 0.167 ppbv m
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

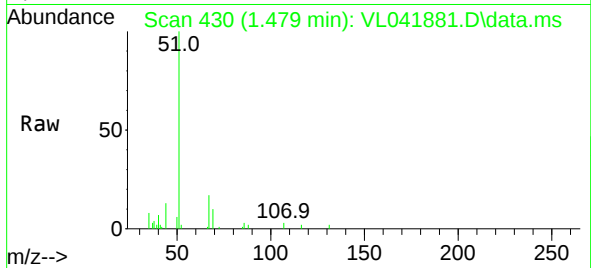
Tgt Ion: 85 Resp: 3275
Ion Ratio Lower Upper
85 100
87 24.4 25.2 37.8#





#3
Chlorodifluoromethane
Concen: 0.146 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

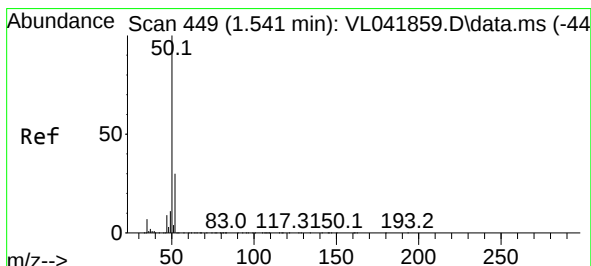
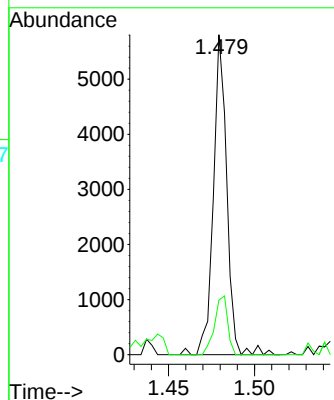
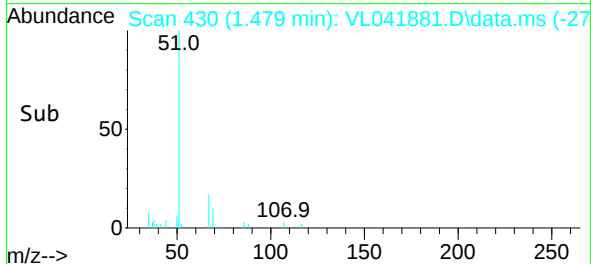
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 51 Resp: 314
Ion Ratio Lower Upper
51 100
67 17.8 13.8 20.8

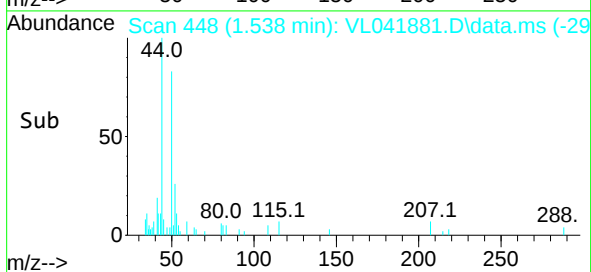
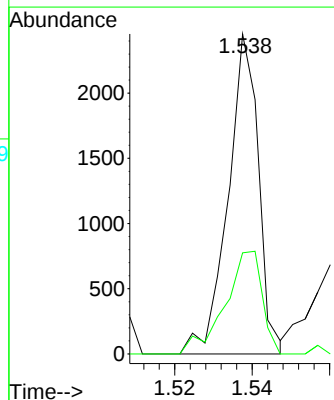
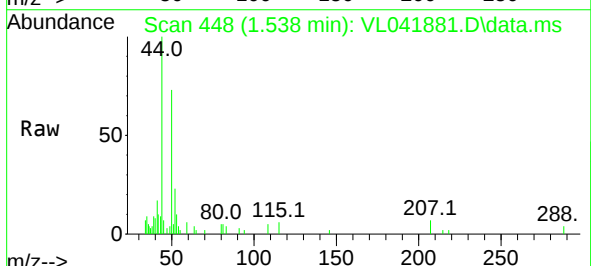
Manual Integrations
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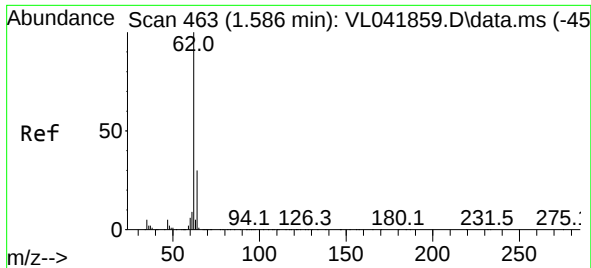
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#4
Chloromethane
Concen: 0.176 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 50 Resp: 1340
Ion Ratio Lower Upper
50 100
52 31.6 23.9 35.9





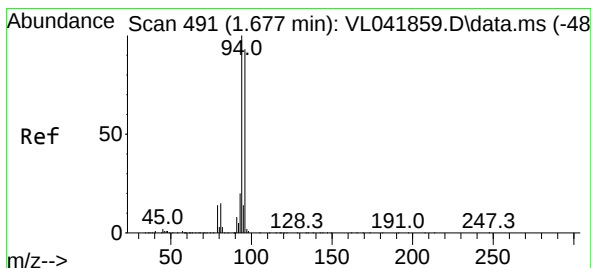
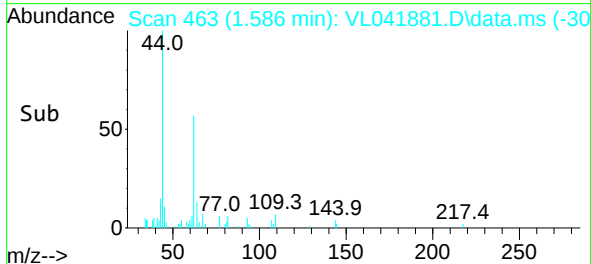
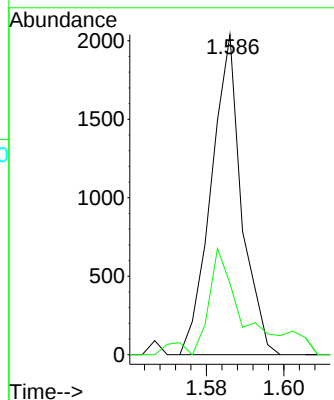
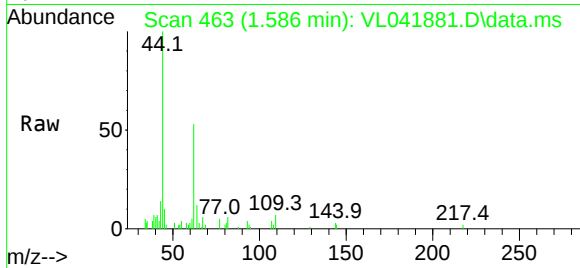
#5
 Vinyl Chloride
 Concen: 0.137 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Tgt Ion: 62 Resp: 1110
 Ion Ratio Lower Upper
 62 100
 64 18.5 24.1 36.1

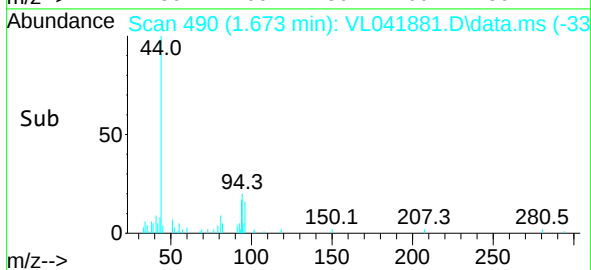
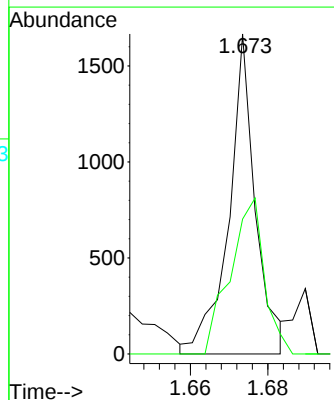
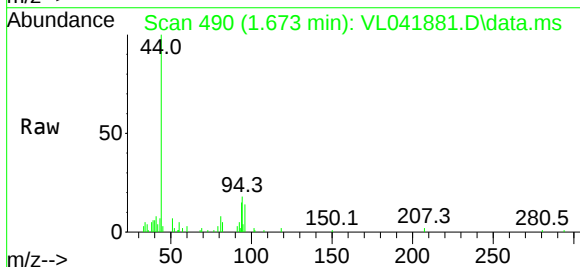
Manual Integrations
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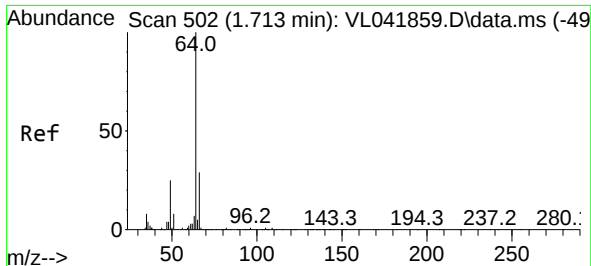
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#6
 Bromomethane
 Concen: 0.208 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

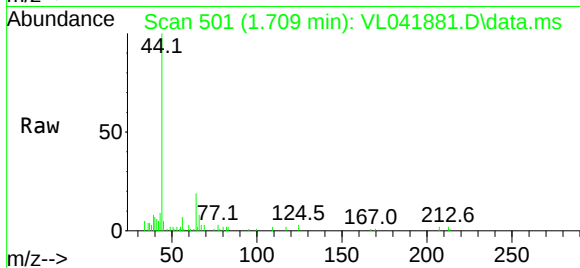
Tgt Ion: 94 Resp: 794
 Ion Ratio Lower Upper
 94 100
 96 43.5 74.8 112.2





#7
Chloroethane
Concen: 0.138 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

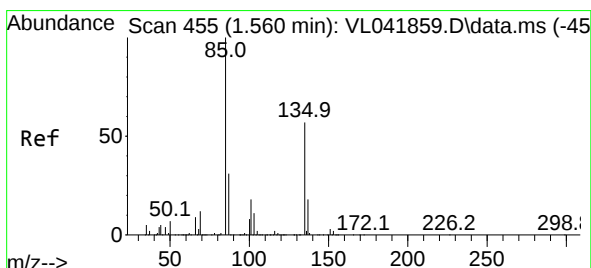
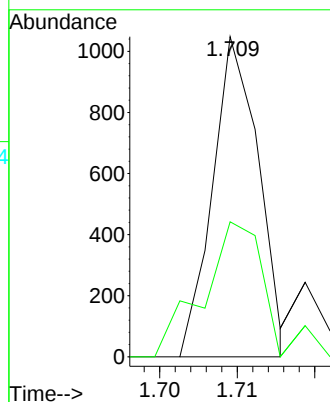
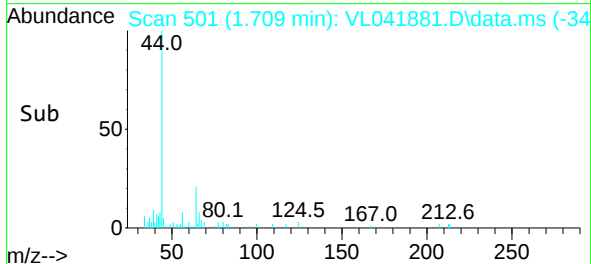
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



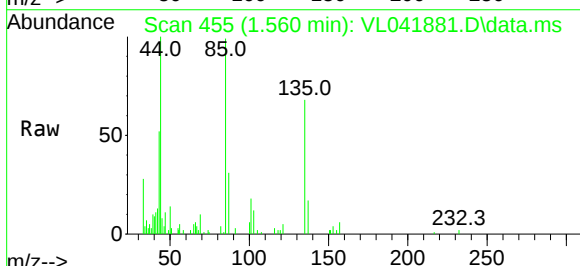
Tgt Ion: 64 Resp: 438
Ion Ratio Lower Upper
64 100
66 42.2 23.0 34.6

Manual Integrations
APPROVED

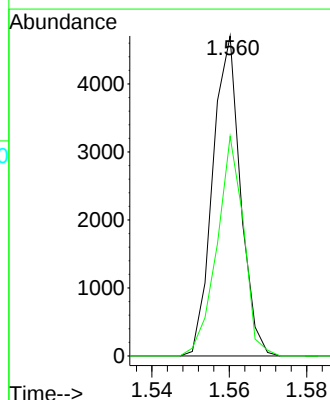
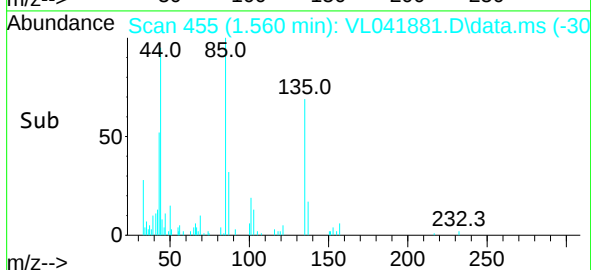
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

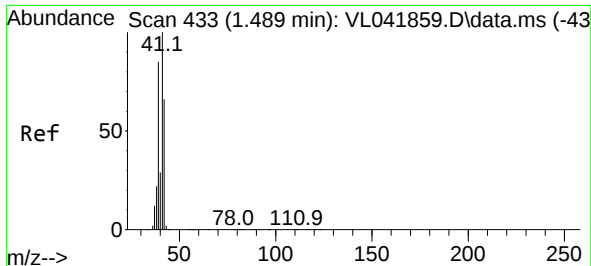


#8
Dichlorotetrafluoroethane
Concen: 0.137 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17



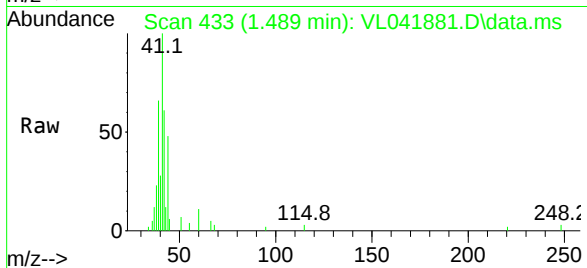
Tgt Ion: 85 Resp: 2338
Ion Ratio Lower Upper
85 100
135 66.1 52.2 78.4





#9
Propene
Concen: 0.200 ppbv
RT: 1.489 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

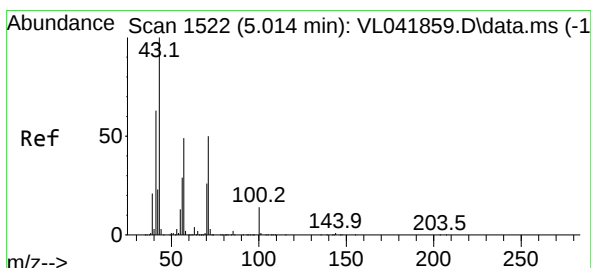
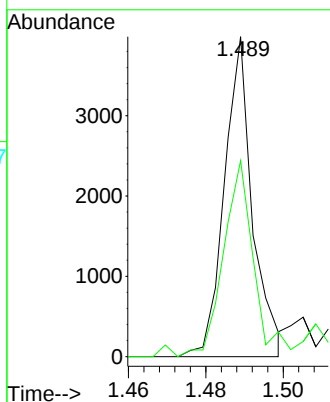
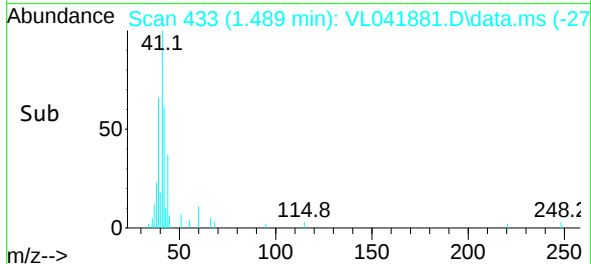
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



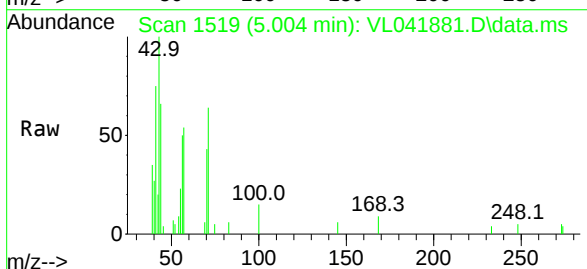
Tgt Ion: 41 Resp: 2004
Ion Ratio Lower Upper
41 100
42 74.0 53.0 79.6

Manual Integrations
APPROVED

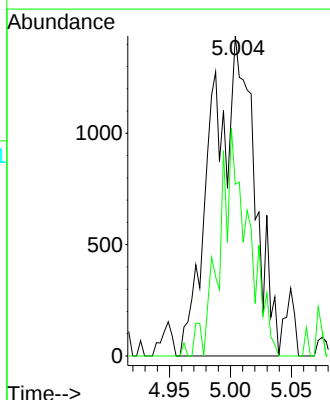
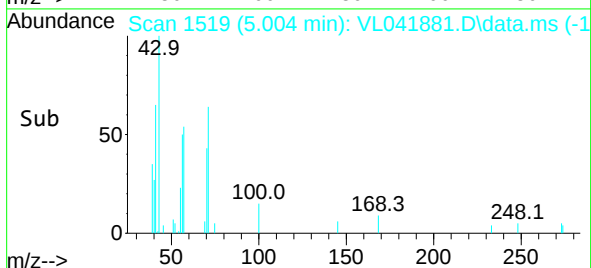
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

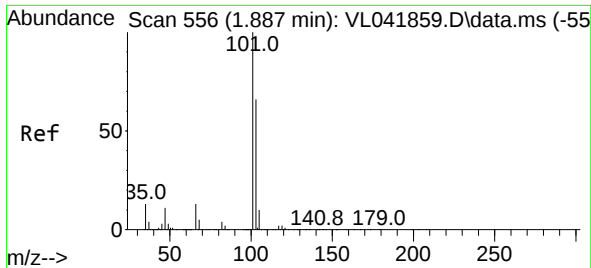


#10
Heptane
Concen: 0.131 ppbv m
RT: 5.004 min Scan# 1519
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17



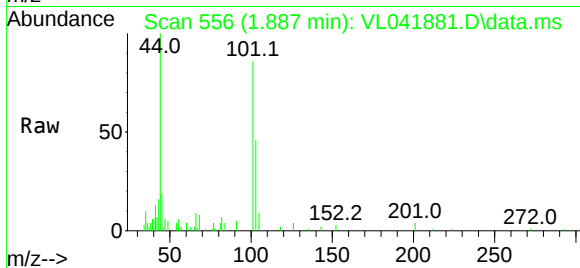
Tgt Ion: 43 Resp: 3473
Ion Ratio Lower Upper
43 100
57 48.9 40.2 60.2





#11
 Trichlorofluoromethane
 Concen: 0.140 ppbv
 RT: 1.887 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

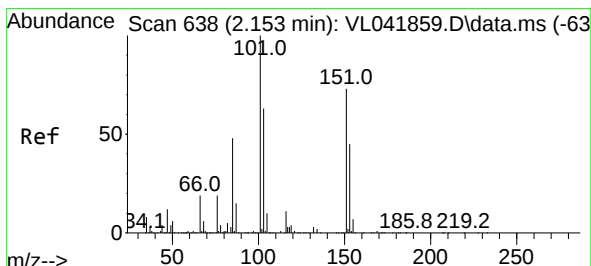
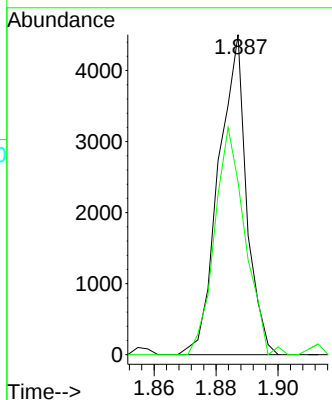
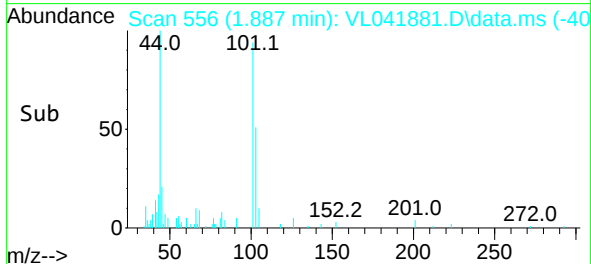
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



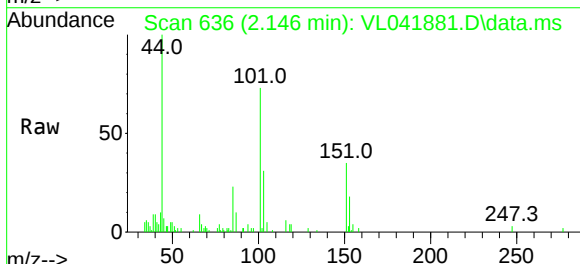
Tgt Ion:101 Resp: 2824
 Ion Ratio Lower Upper
 101 100
 103 54.0 52.6 78.8

Manual Integrations
 APPROVED

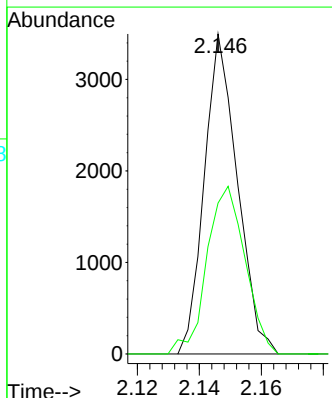
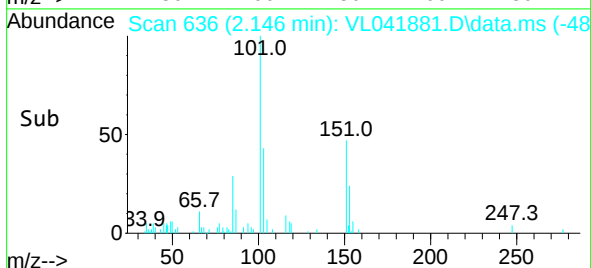
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.159 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.007 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17



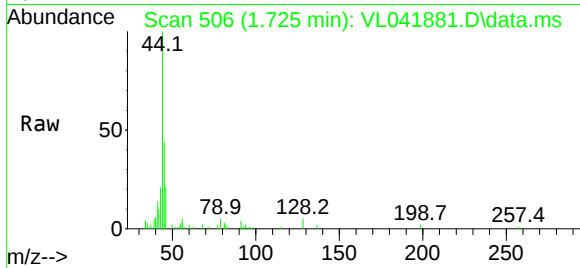
Tgt Ion:101 Resp: 2586
 Ion Ratio Lower Upper
 101 100
 151 60.8 59.4 89.0





#13
Ethanol
Concen: 1.322 ppbv m
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

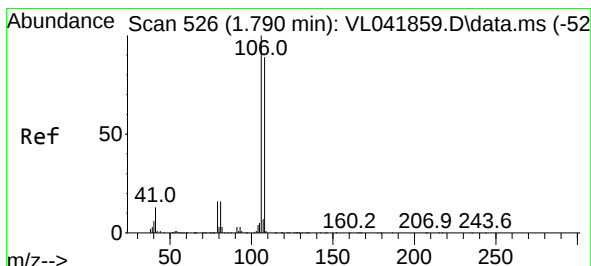
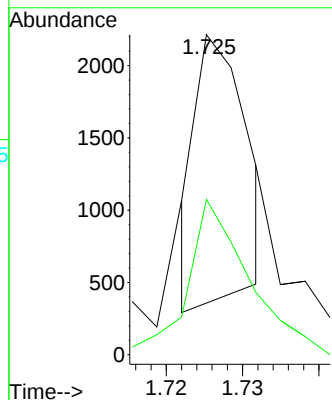
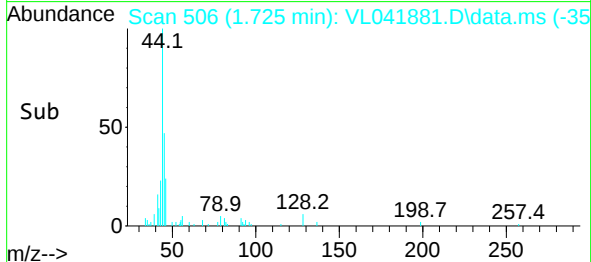
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



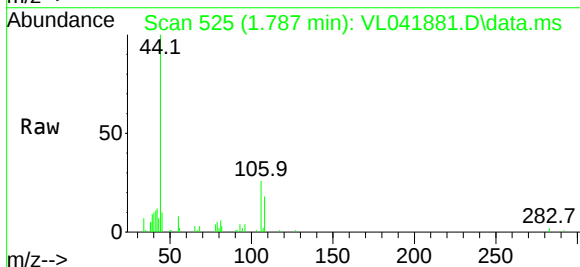
Tgt Ion: 45 Resp: 842
Ion Ratio Lower Upper
45 100
46 0.0 19.0 76.0

Manual Integrations
APPROVED

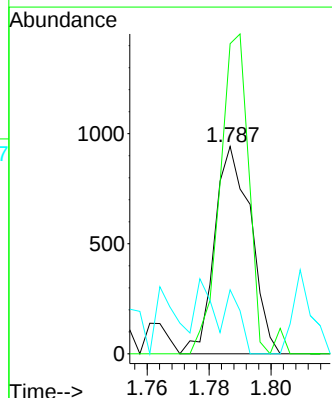
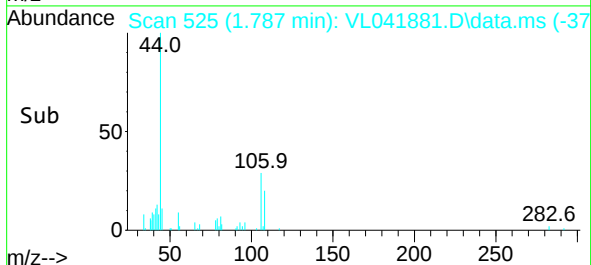
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

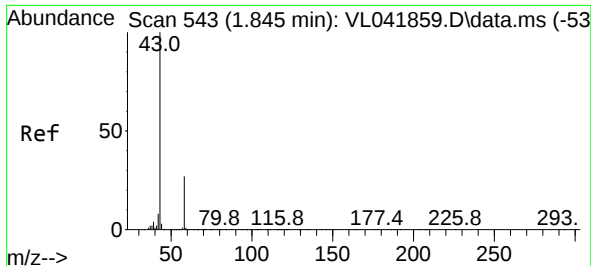


#14
Bromoethene
Concen: 0.131 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17



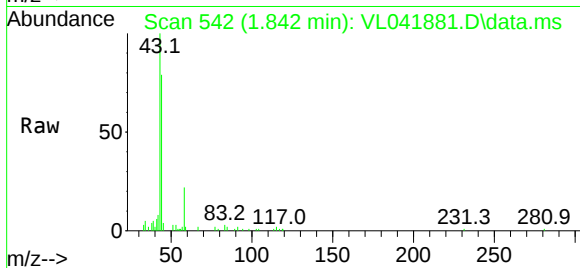
Tgt Ion:108 Resp: 764
Ion Ratio Lower Upper
108 100
106 124.7 86.9 130.3
79 63.2 15.6 23.4





#15
Acetone
Concen: 0.300 ppbv
RT: 1.842 min Scan# 543
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

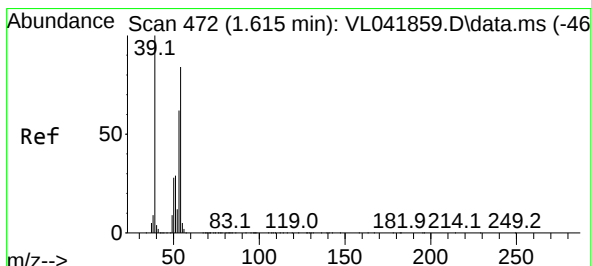
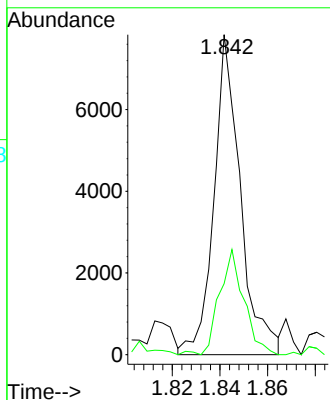
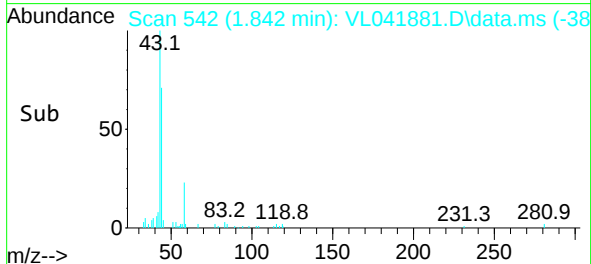
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



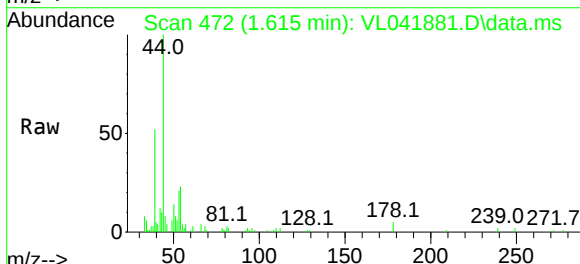
Tgt Ion: 43 Resp: 6030
Ion Ratio Lower Upper
43 100
58 35.0 22.7 34.1

Manual Integrations
APPROVED

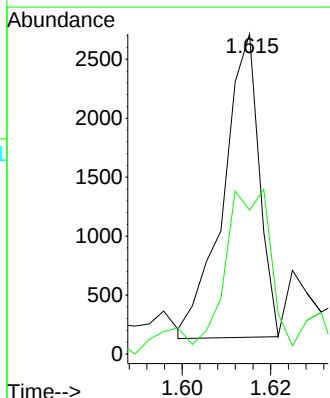
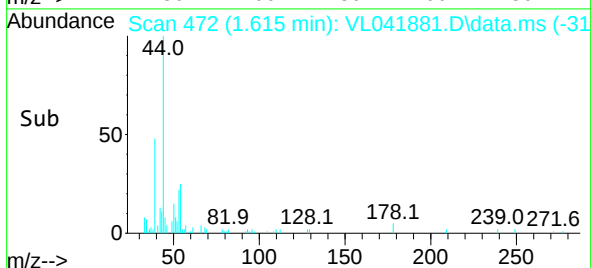
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

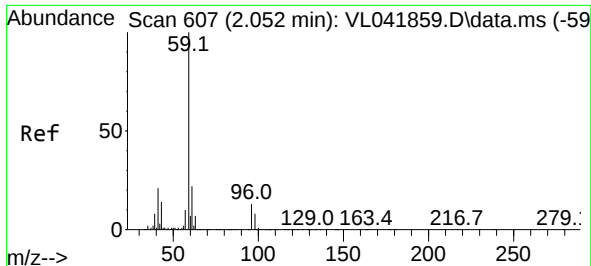


#16
1,3-Butadiene
Concen: 0.168 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17



Tgt Ion: 39 Resp: 1452
Ion Ratio Lower Upper
39 100
54 90.4 60.1 90.1





#17

tert-Butyl alcohol

Concen: 0.134 ppbv

RT: 2.049 min Scan# 607

Delta R.T. -0.003 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

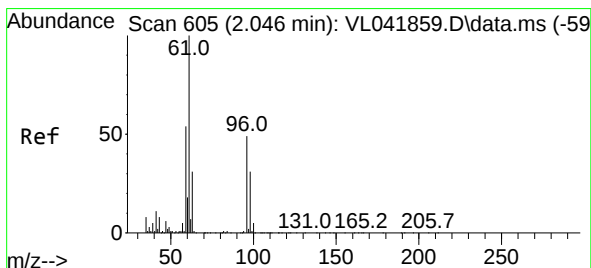
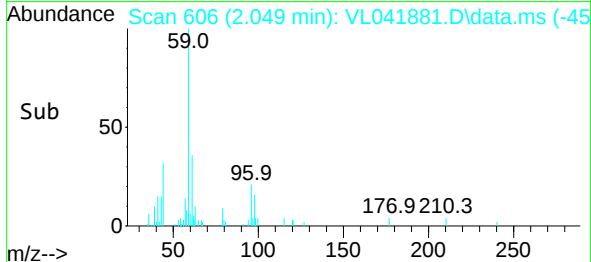
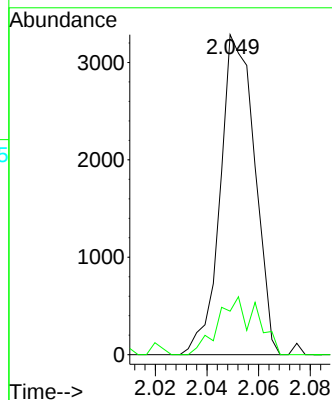
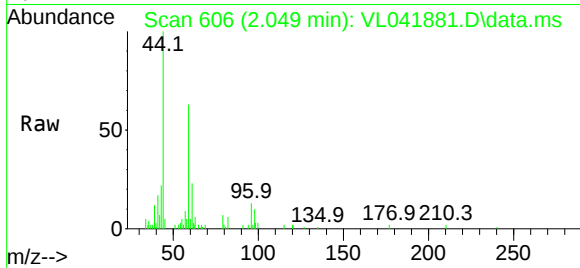
MDL 0.1

Tgt Ion: 59 Resp: 304
 Ion Ratio Lower Upper
 59 100
 57 20.3 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: 0.166 ppbv

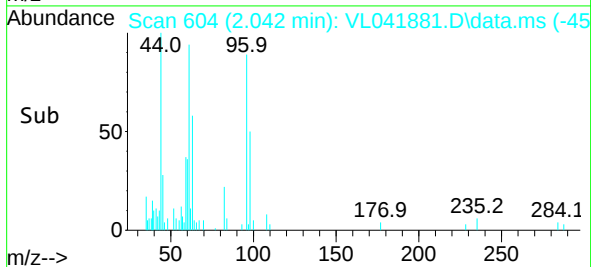
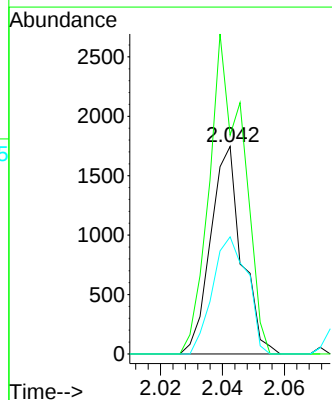
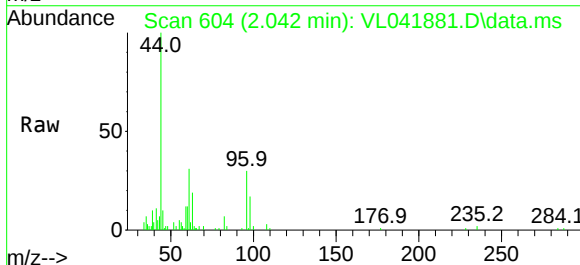
RT: 2.042 min Scan# 604

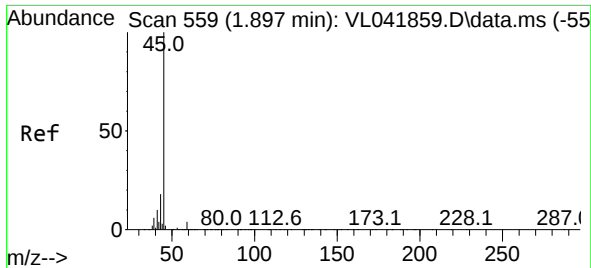
Delta R.T. -0.003 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

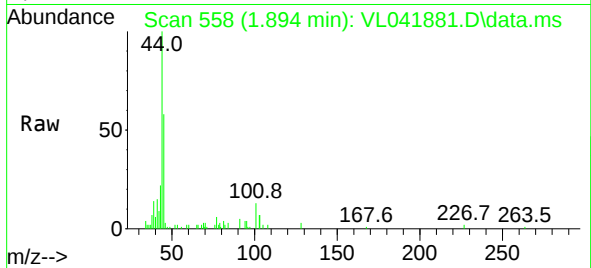
Tgt Ion: 96 Resp: 1221
 Ion Ratio Lower Upper
 96 100
 61 105.4 161.7 242.5#
 98 56.5 51.0 76.4





#19
Isopropyl Alcohol
Concen: 0.256 ppbv
RT: 1.894 min Scan# 559
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

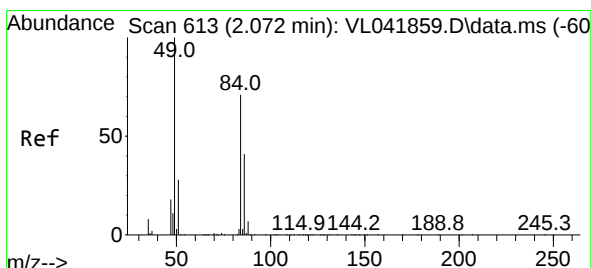
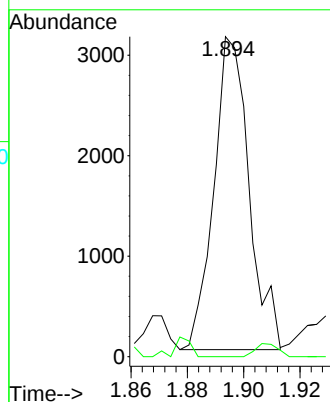
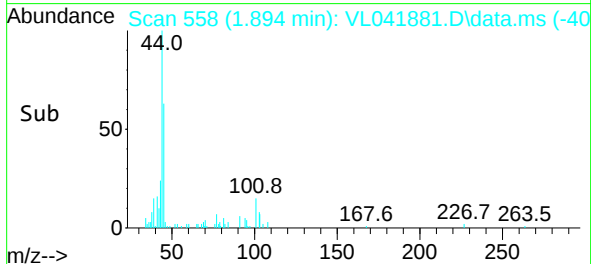
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



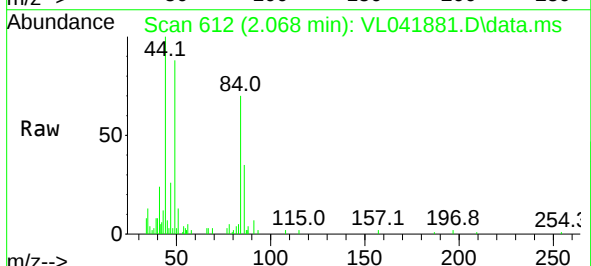
Tgt Ion: 45 Resp: 2710
Ion Ratio Lower Upper
45 100
58 70.9 37.0 55.6

Manual Integrations
APPROVED

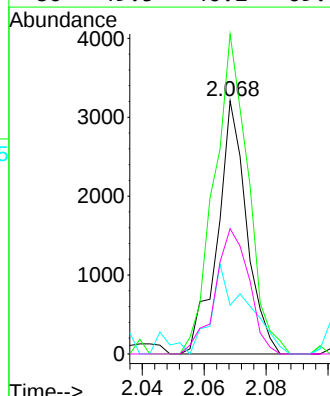
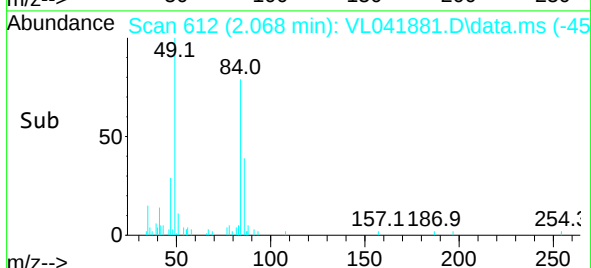
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

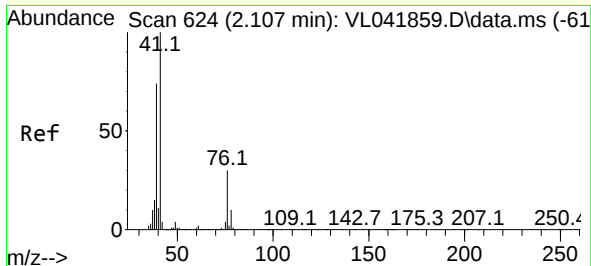


#20
Methylene Chloride
Concen: 0.305 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17



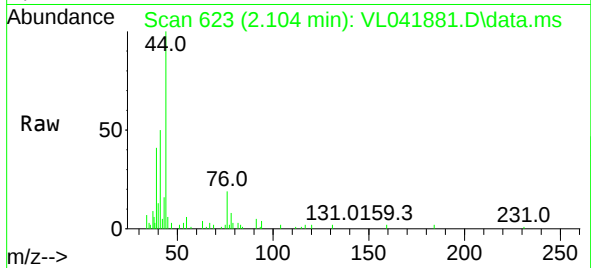
Tgt Ion: 84 Resp: 2093
Ion Ratio Lower Upper
84 100
49 126.4 113.8 170.8
51 16.3 33.5 50.3#
86 49.5 46.2 69.4





#21
Allyl Chloride
Concen: 0.174 ppbv
RT: 2.104 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

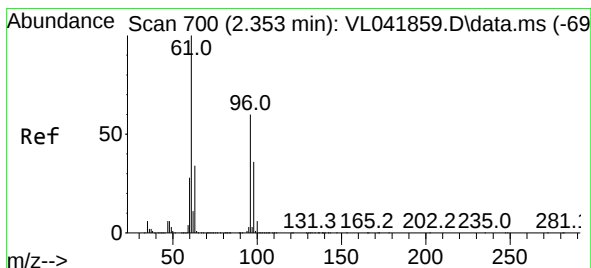
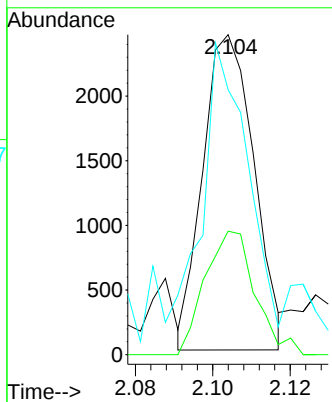
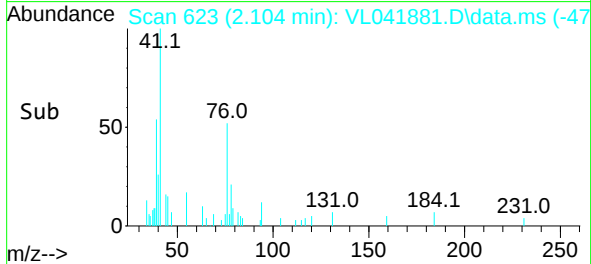
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 41 Resp: 223
Ion Ratio Lower Upper
41 100
76 38.6 24.6 36.8
39 101.5 60.1 90.1

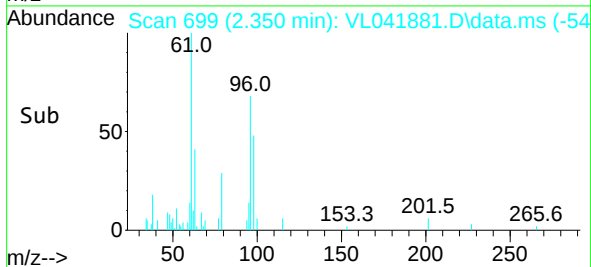
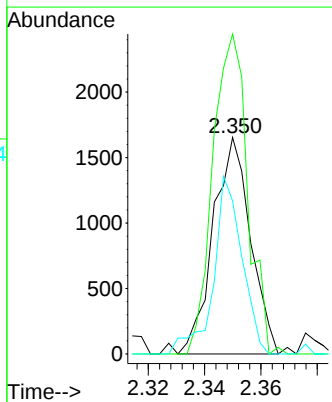
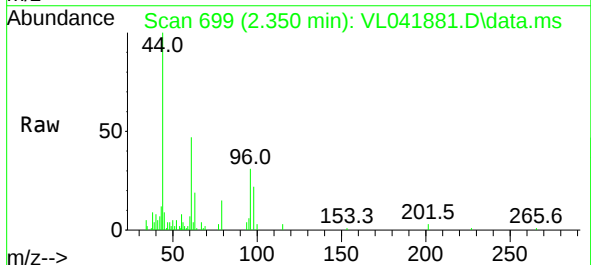
Manual Integrations
APPROVED

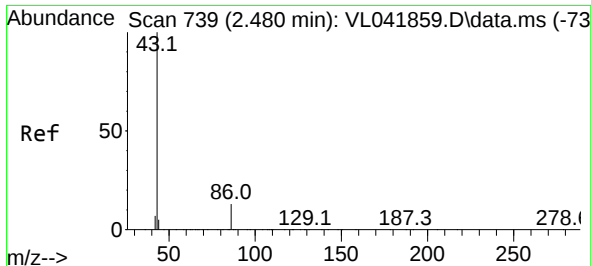
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#22
trans-1,2-Dichloroethene
Concen: 0.179 ppbv
RT: 2.350 min Scan# 699
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

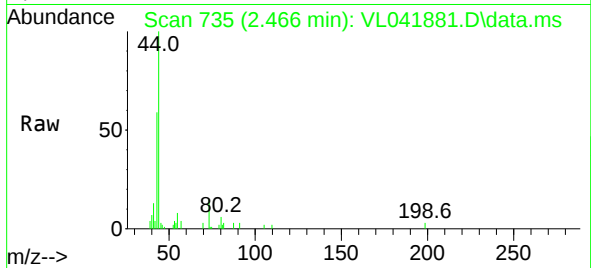
Tgt Ion: 96 Resp: 1523
Ion Ratio Lower Upper
96 100
61 147.9 134.2 201.4
98 70.7 49.0 73.4





#23
 Vinyl Acetate
 Concen: 0.135 ppbv m
 RT: 2.466 min Scan# 719
 Delta R.T. -0.013 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

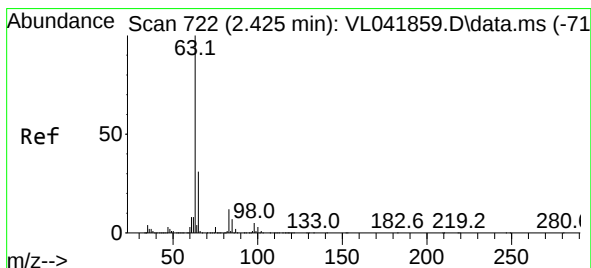
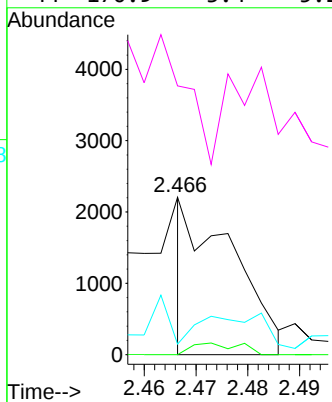
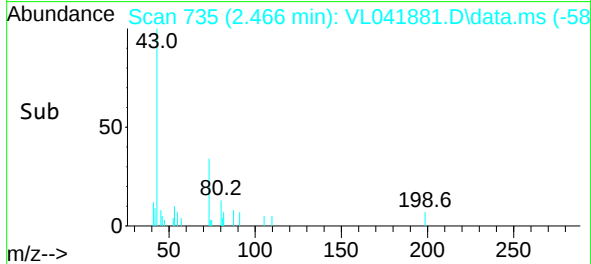
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



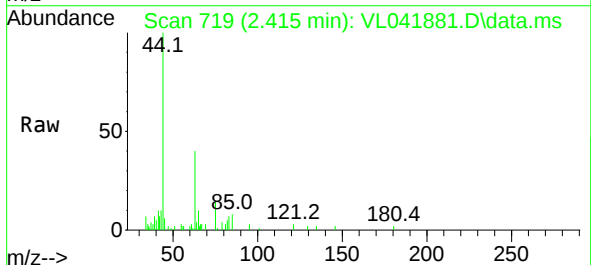
Tgt Ion: 43 Resp: 137
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.6#
 42 6.7 7.0 10.4#
 44 170.9 3.4 5.2#

Manual Integrations
 APPROVED

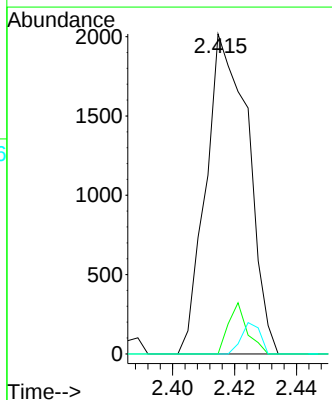
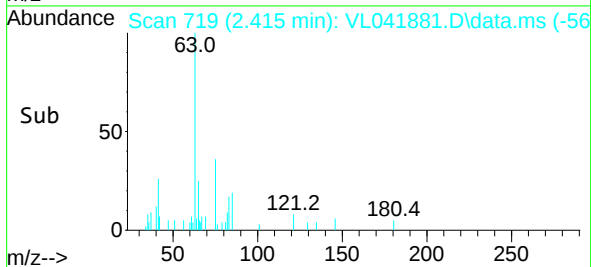
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

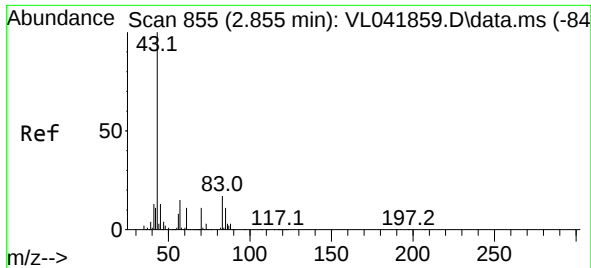


#24
 1,1-Dichloroethane
 Concen: 0.118 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.010 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17



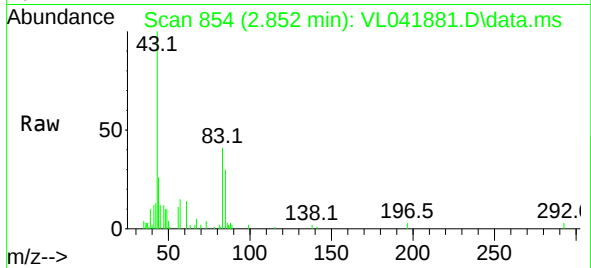
Tgt Ion: 63 Resp: 1905
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.3 6.9#
 100 0.0 1.3 3.8#





#25
Ethyl Acetate
Concen: 0.109 ppbv
RT: 2.852 min Scan# 854
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

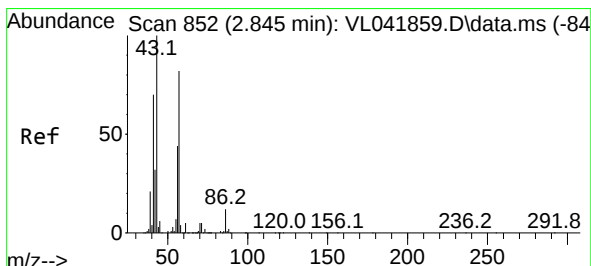
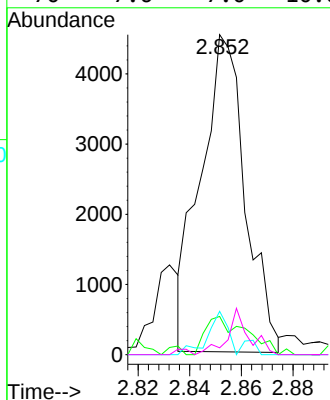
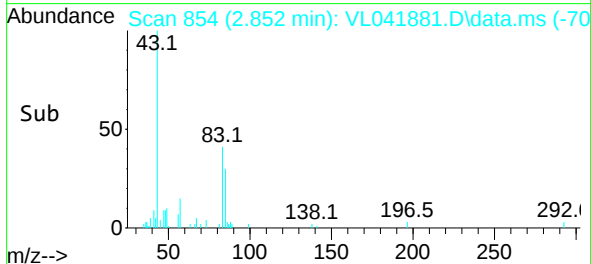
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 43 Resp: 5430
Ion Ratio Lower Upper
43 100
45 11.8 8.4 12.6
61 7.5 7.3 10.9
70 7.6 7.0 10.6

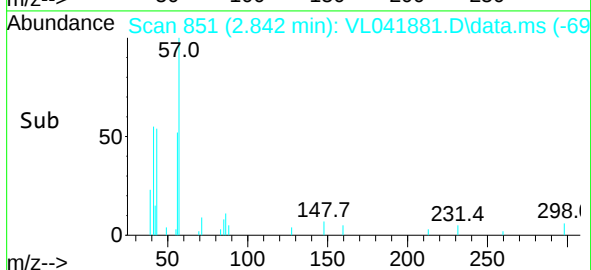
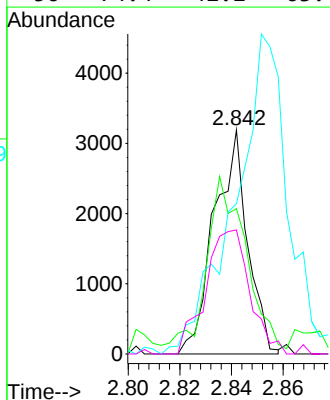
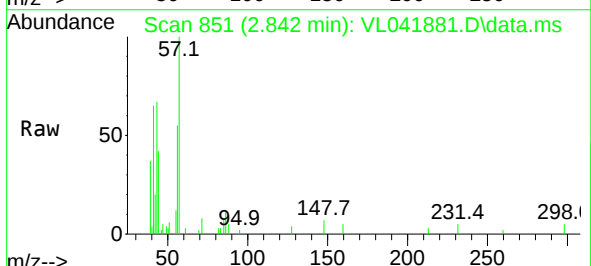
Manual Integrations
APPROVED

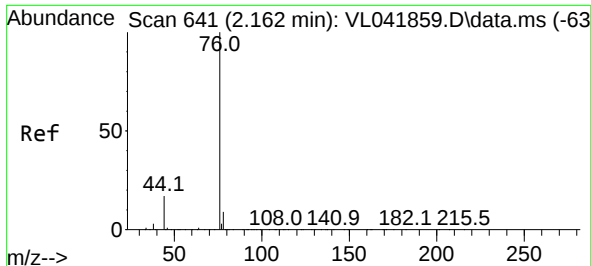
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#26
Hexane
Concen: 0.139 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

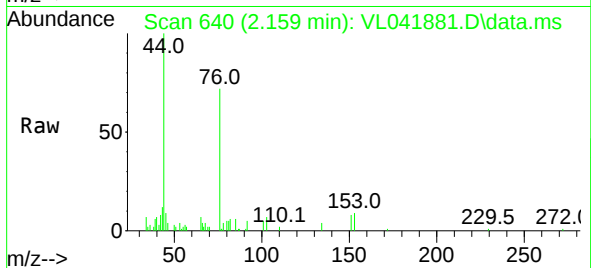
Tgt Ion: 57 Resp: 2863
Ion Ratio Lower Upper
57 100
41 112.1 71.5 107.3#
43 233.8 200.2 300.4
56 74.4 42.2 63.4#





#27
Carbon Disulfide
Concen: 0.120 ppbv
RT: 2.159 min Scan# 641
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

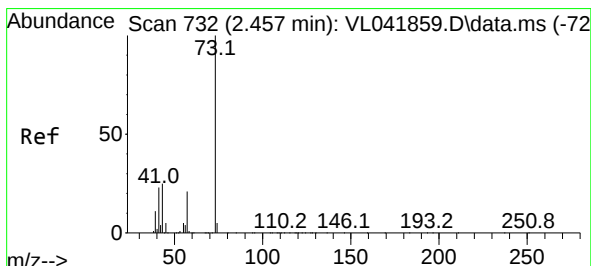
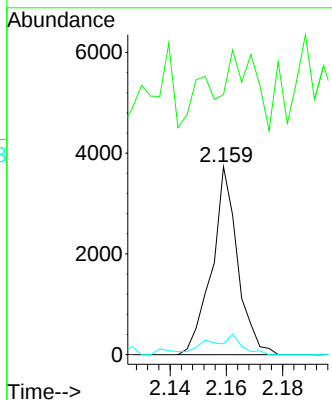
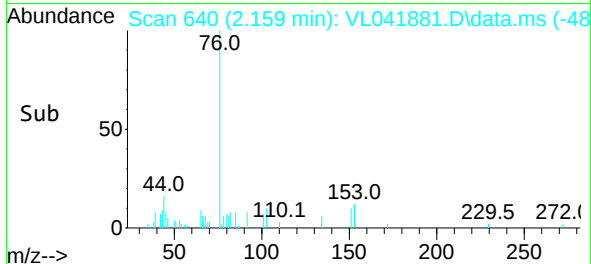
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 76 Resp: 2369
Ion Ratio Lower Upper
76 100
44 387.8 13.1 19.7
78 13.1 9.5 14.3

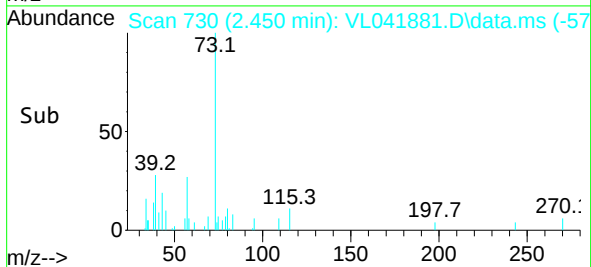
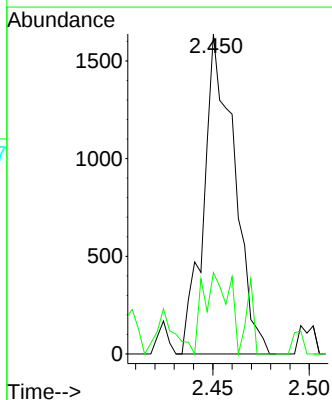
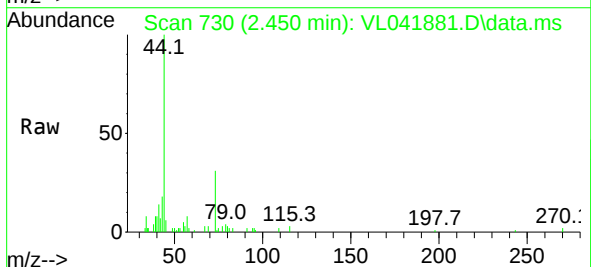
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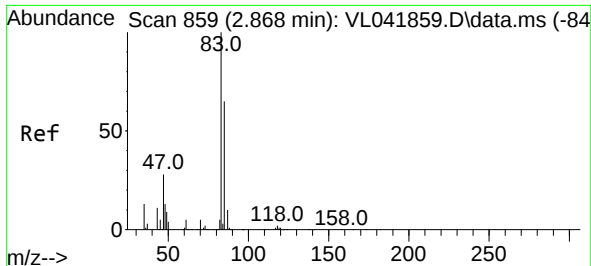
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#28
Methyl tert-Butyl Ether
Concen: 0.115 ppbv m
RT: 2.450 min Scan# 730
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 73 Resp: 1807
Ion Ratio Lower Upper
73 100
57 41.1 17.5 26.3#





#29

Chloroform

Concen: 0.148 ppbv m

RT: 2.861 min Scan# 859

Delta R.T. -0.007 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 83 Resp: 425

Ion Ratio Lower Upper

83 100

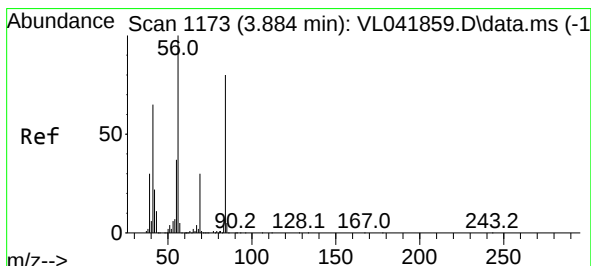
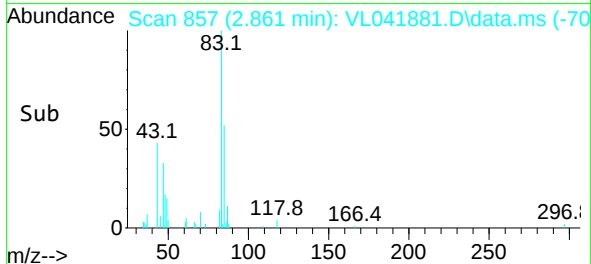
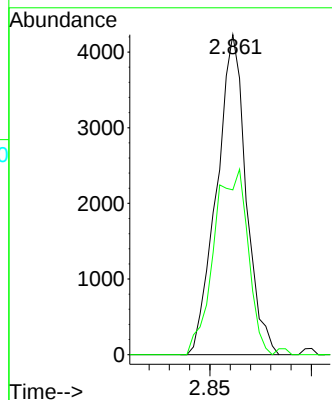
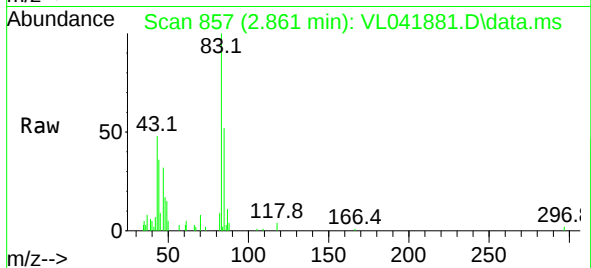
85 51.5 51.7 77.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#30

Cyclohexane

Concen: 0.131 ppbv m

RT: 3.881 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

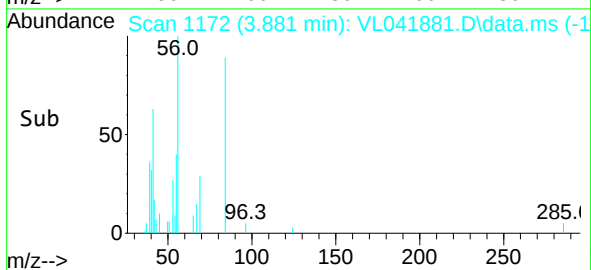
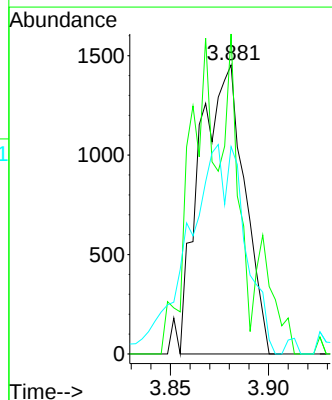
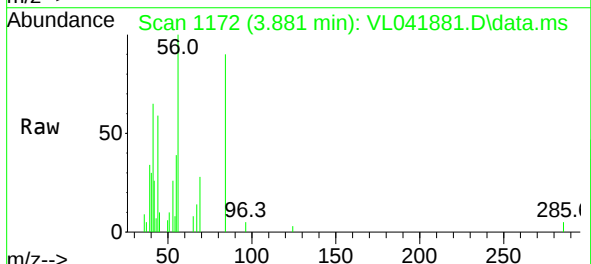
Tgt Ion: 84 Resp: 2319

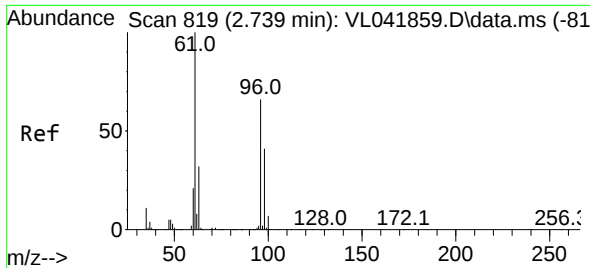
Ion Ratio Lower Upper

84 100

56 114.0 100.7 151.1

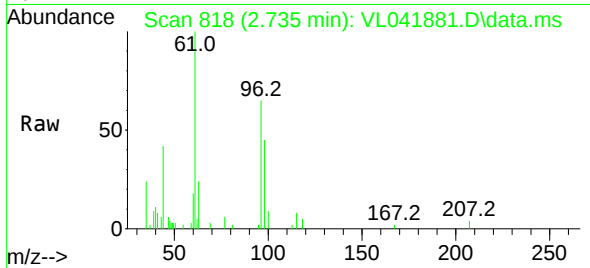
41 94.7 62.8 94.2





#31
cis-1,2-Dichloroethene
Concen: 0.123 ppbv
RT: 2.735 min Scan# 819
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

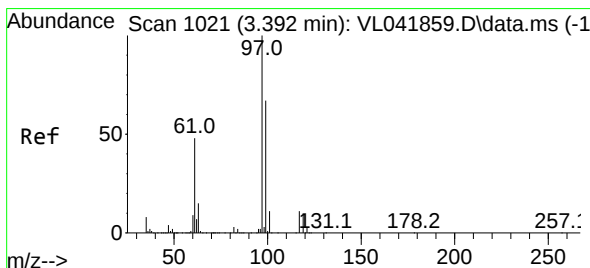
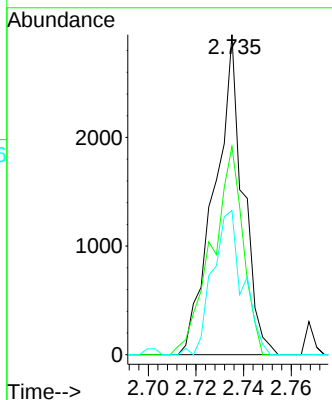
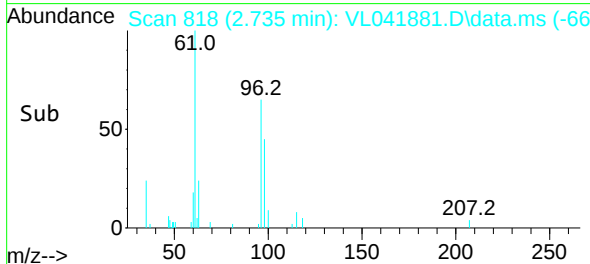
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



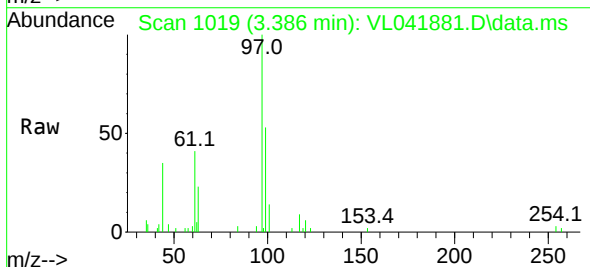
Tgt Ion: 61 Resp: 246
Ion Ratio Lower Upper
61 100
96 65.0 53.2 79.8
98 45.1 32.5 48.7

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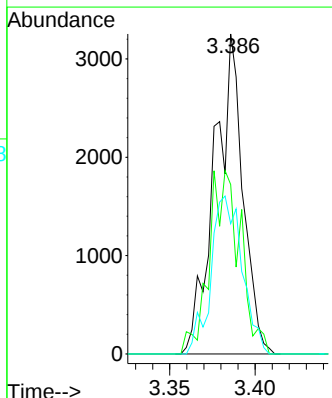
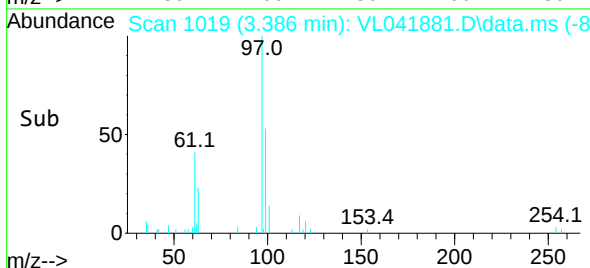
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

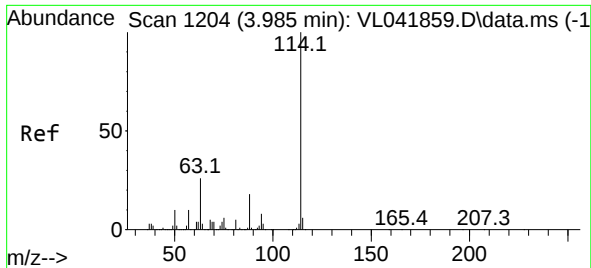


#32
1,1,1-Trichloroethane
Concen: 0.132 ppbv m
RT: 3.386 min Scan# 1019
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17



Tgt Ion: 97 Resp: 3776
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 0.0 38.8 58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion:114 Resp: 35079

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

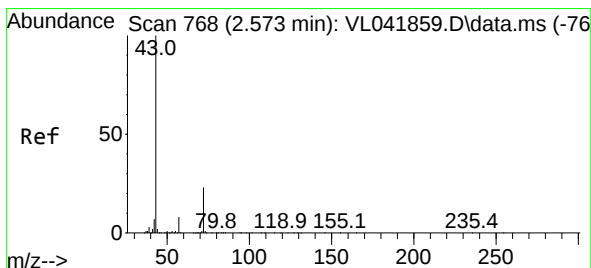
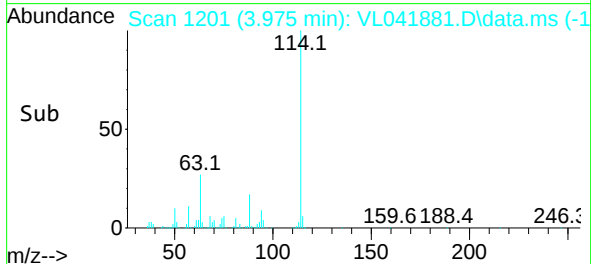
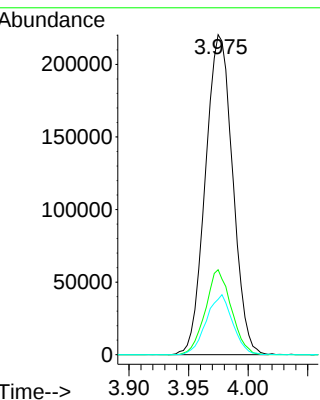
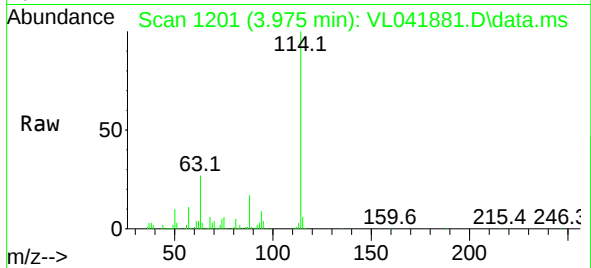
88 18.1 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#34

2-Butanone

Concen: 0.150 ppbv

RT: 2.576 min Scan# 769

Delta R.T. 0.003 min

Lab File: VL041881.D

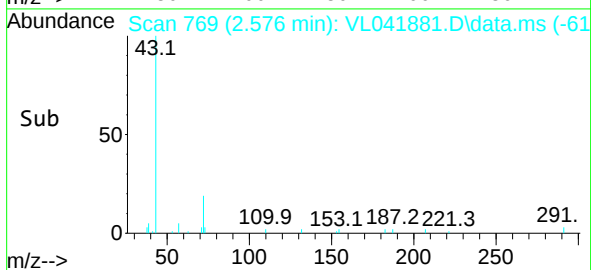
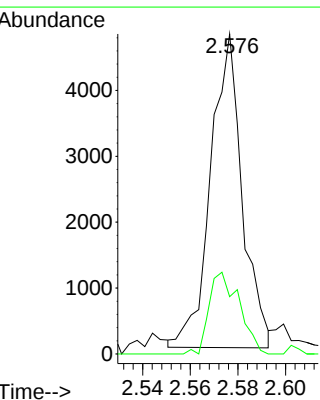
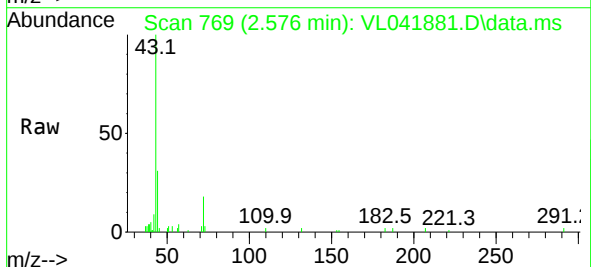
Acq: 09 Jan 2025 23:17

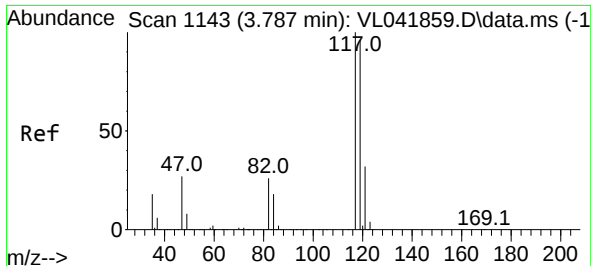
Tgt Ion: 43 Resp: 4378

Ion Ratio Lower Upper

43 100

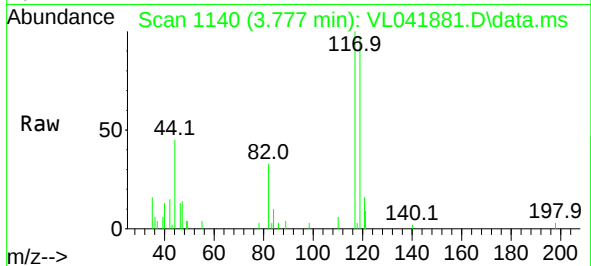
72 25.9 18.5 27.7





#35
Carbon Tetrachloride
Concen: 0.122 ppbv
RT: 3.777 min Scan# 1143
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

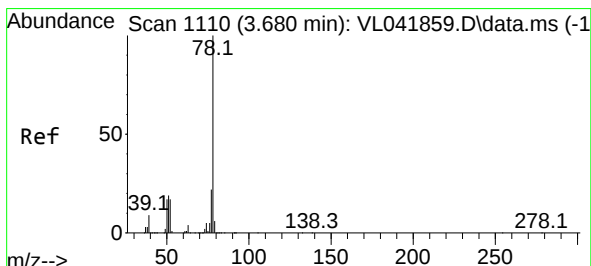
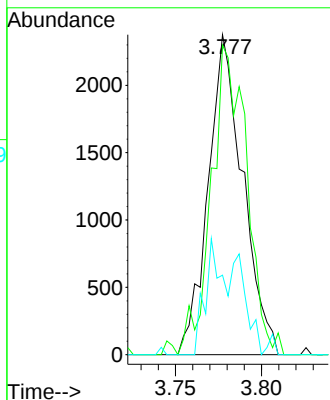
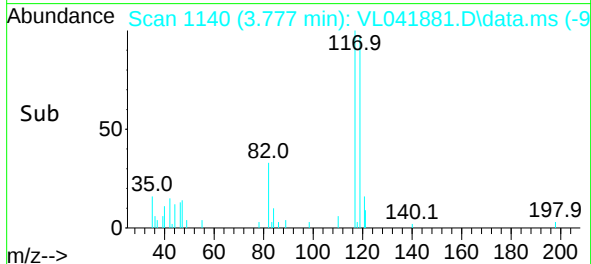
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 117 Resp: 3324
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3
121 24.9 25.9 38.9

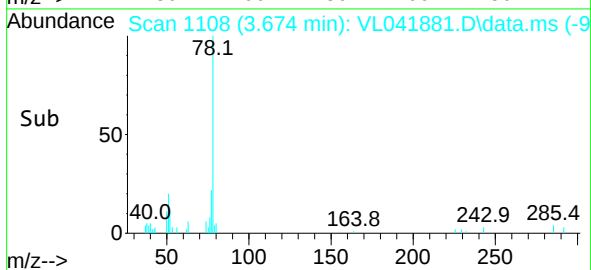
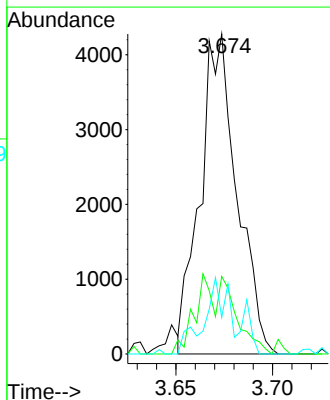
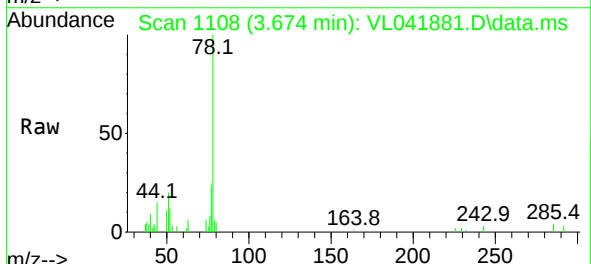
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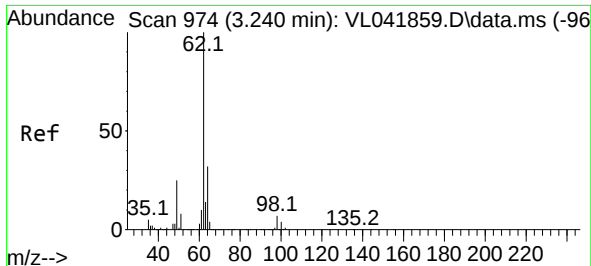
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#36
Benzene
Concen: 0.140 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 78 Resp: 5678
Ion Ratio Lower Upper
78 100
77 19.8 17.9 26.9
50 11.5 13.7 20.5





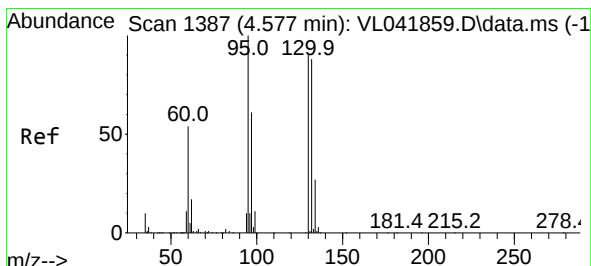
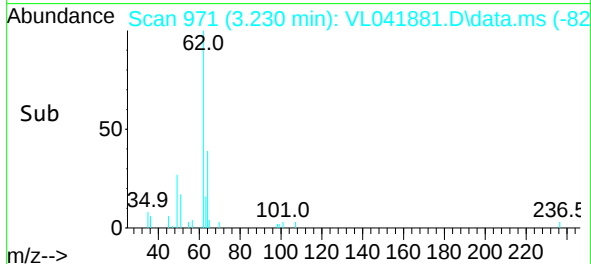
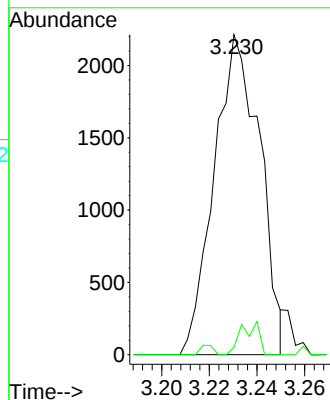
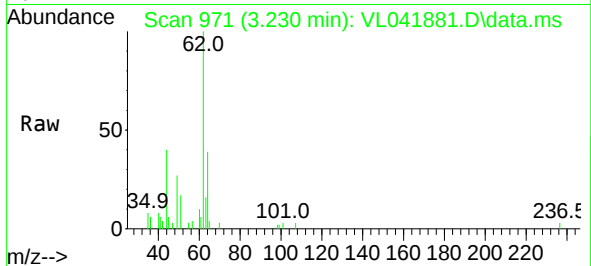
#37
1,2-Dichloroethane
Concen: 0.138 ppbv
RT: 3.230 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 62 Resp: 2940
Ion Ratio Lower Upper
62 100
98 4.9 5.6 8.4

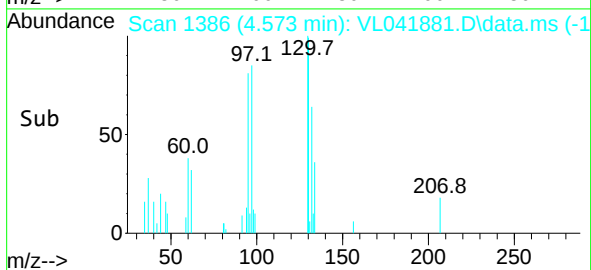
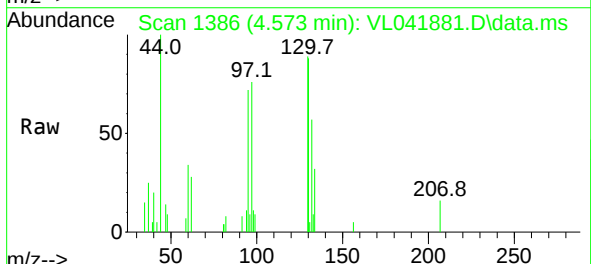
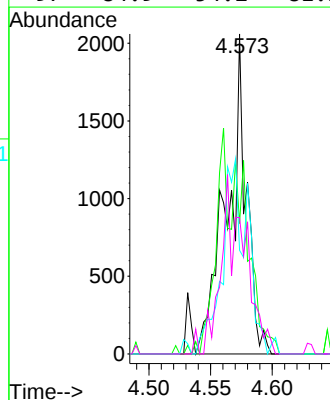
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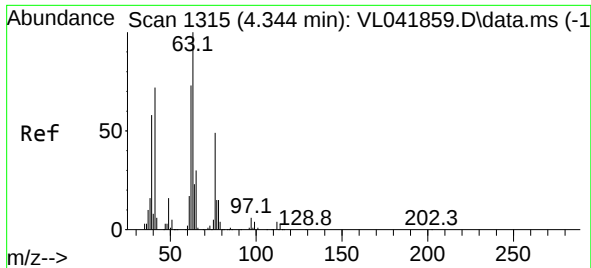
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#38
Trichloroethene
Concen: 0.146 ppbv m
RT: 4.573 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:130 Resp: 2339
Ion Ratio Lower Upper
130 100
95 81.2 88.5 132.7#
132 64.4 78.2 117.2#
97 84.9 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 0.136 ppbv m

RT: 4.334 min Scan# 1315

Delta R.T. -0.010 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

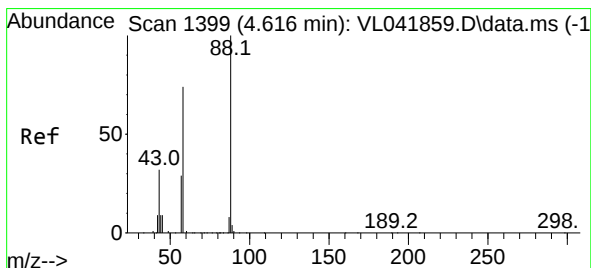
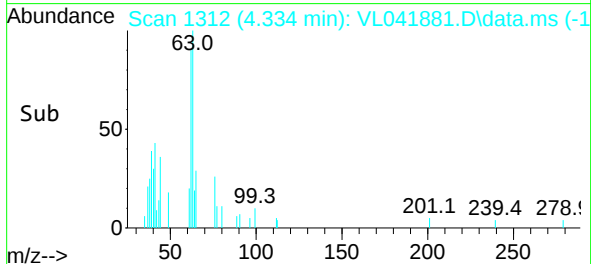
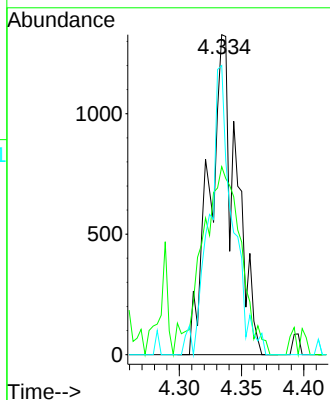
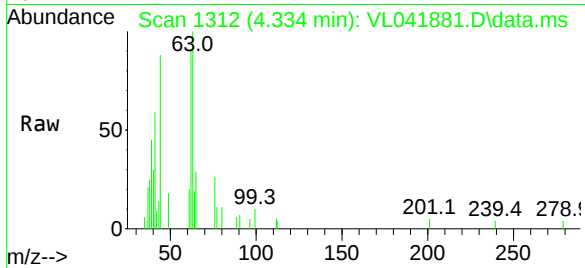
MDL 0.1

Tgt Ion: 63	Resp: 197
Ion Ratio	Lower Upper
63 100	
41 58.7	58.0 87.0
62 90.4	58.6 87.8

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



#40

1,4-Dioxane

Concen: 0.142 ppbv m

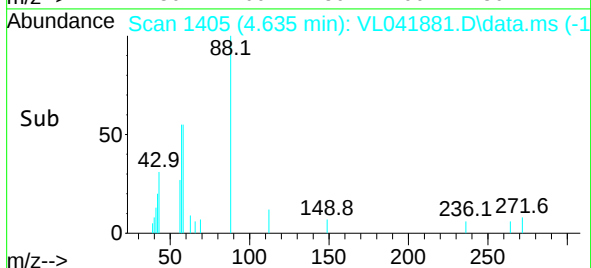
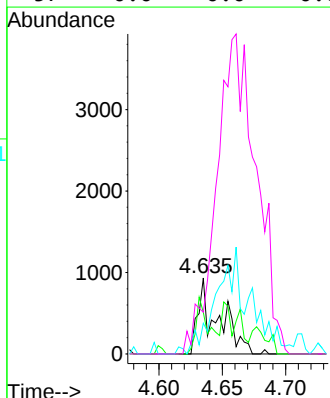
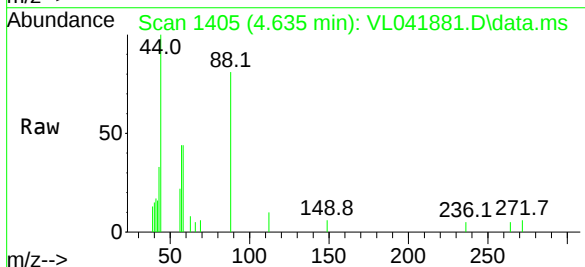
RT: 4.635 min Scan# 1405

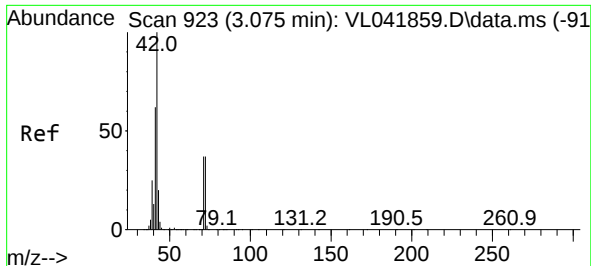
Delta R.T. 0.019 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

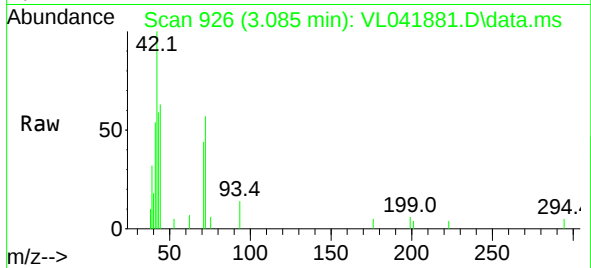
Tgt Ion: 88	Resp: 1034
Ion Ratio	Lower Upper
88 100	
58 0.0	52.2 78.4
43 0.0	0.0 0.0
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 0.129 ppbv
RT: 3.085 min Scan# 91
Delta R.T. 0.009 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

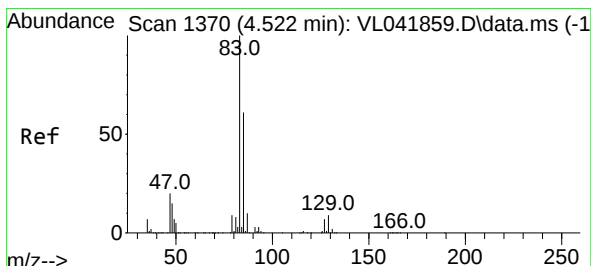
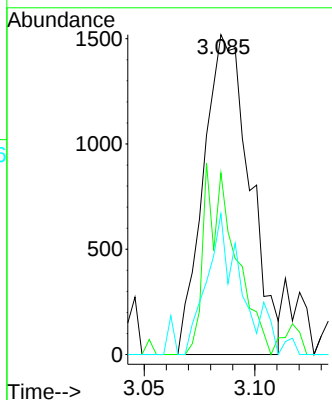
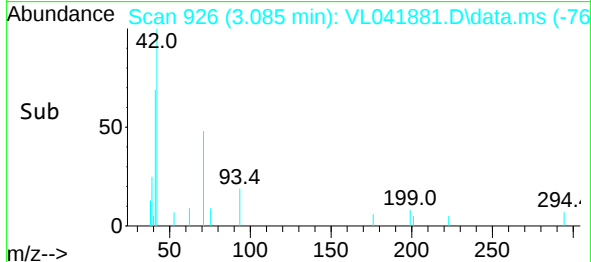
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 42 Resp: 220
Ion Ratio Lower Upper
42 100
72 43.4 30.8 46.2
71 35.9 30.1 45.1

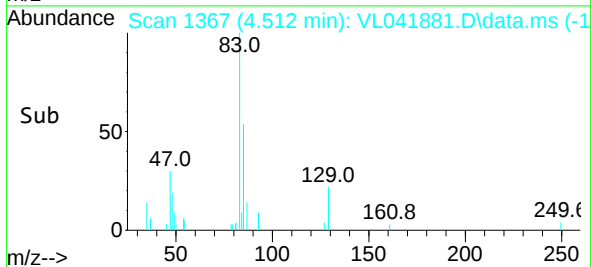
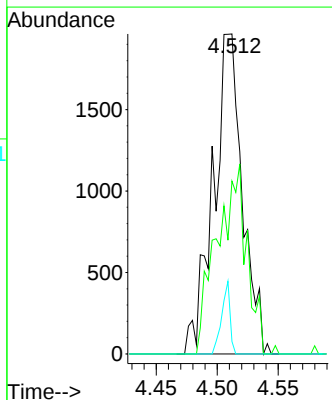
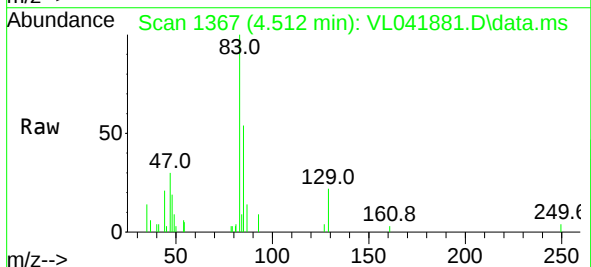
Manual Integrations
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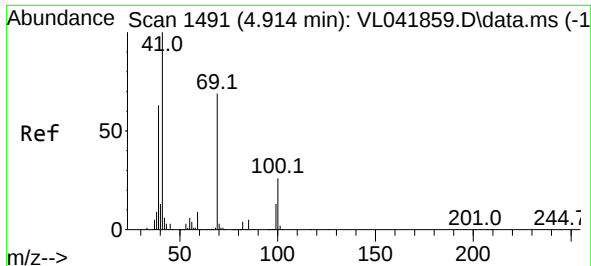
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#42
Bromodichloromethane
Concen: 0.112 ppbv m
RT: 4.512 min Scan# 1367
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

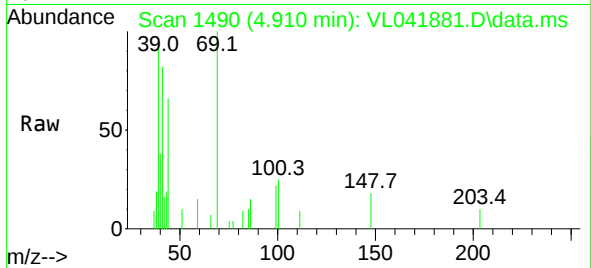
Tgt Ion: 83 Resp: 3274
Ion Ratio Lower Upper
83 100
85 54.0 48.9 73.3
127 3.9 5.4 8.2#





#43
Methyl Methacrylate
Concen: 0.127 ppbv m
RT: 4.910 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

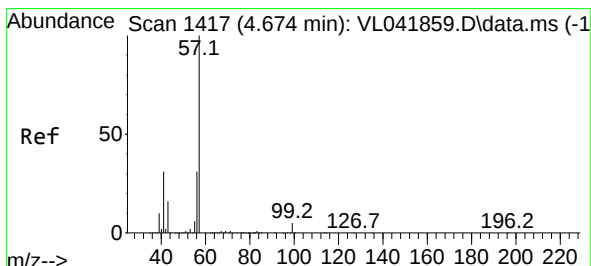
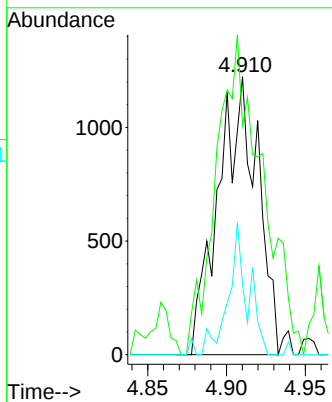
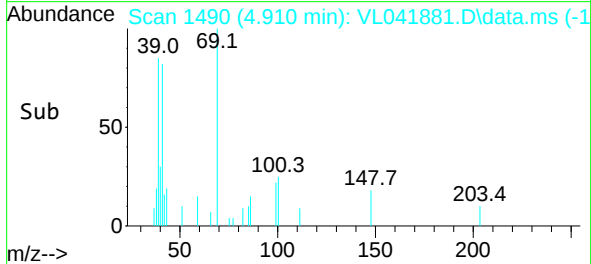
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 69 Resp: 2124
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4#
100 0.0 29.8 44.8#

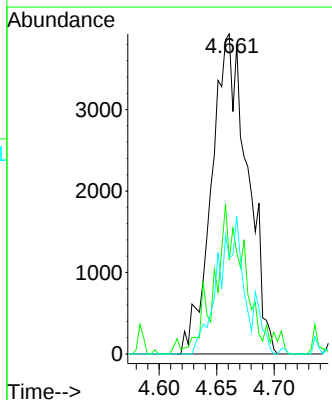
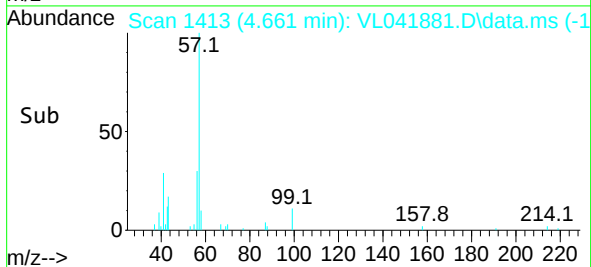
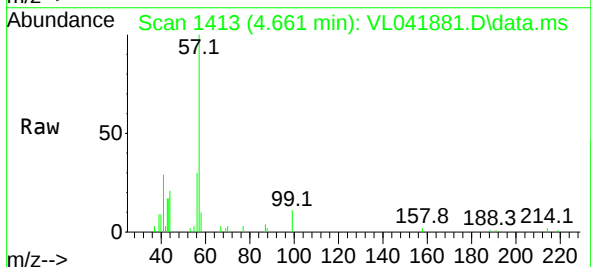
Manual Integrations
APPROVED

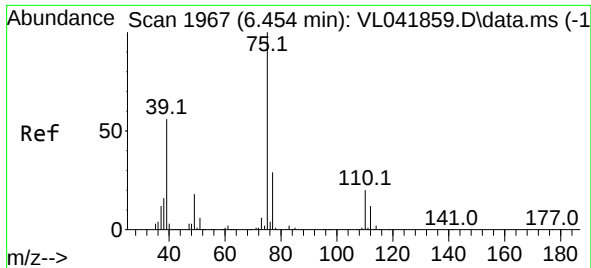
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 0.124 ppbv m
RT: 4.661 min Scan# 1413
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

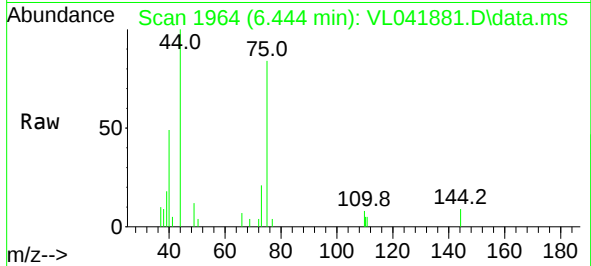
Tgt Ion: 57 Resp: 8540
Ion Ratio Lower Upper
57 100
41 40.4 25.5 38.3#
56 0.0 25.6 38.4#





#45
t-1,3-Dichloropropene
Concen: 0.105 ppbv m
RT: 6.444 min Scan# 1964
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

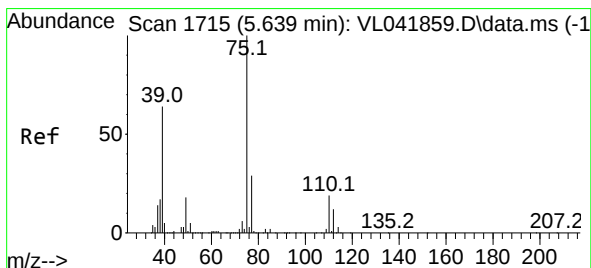
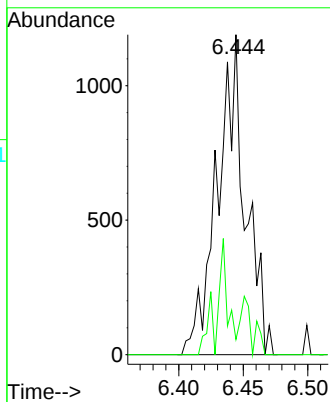
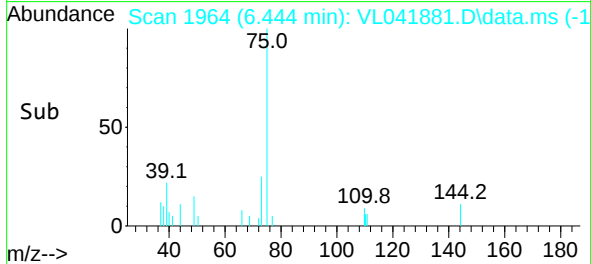
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 75 Resp: 1790
Ion Ratio Lower Upper
75 100
77 4.7 23.4 35.2

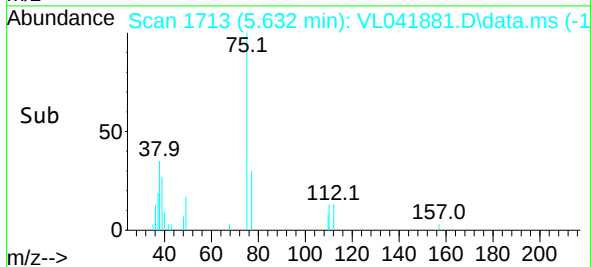
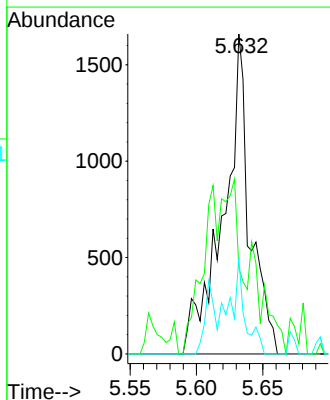
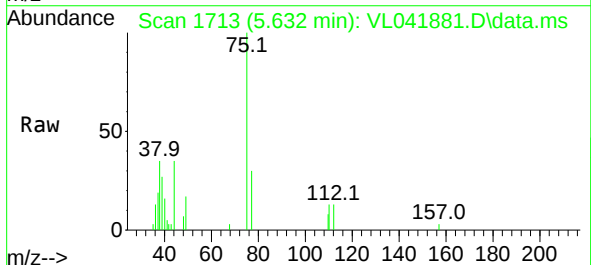
Manual Integrations
APPROVED

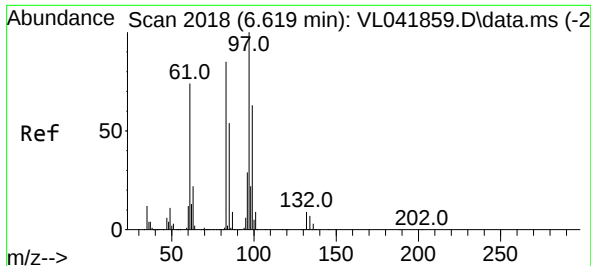
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#46
cis-1,3-Dichloropropene
Concen: 0.105 ppbv m
RT: 5.632 min Scan# 1713
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

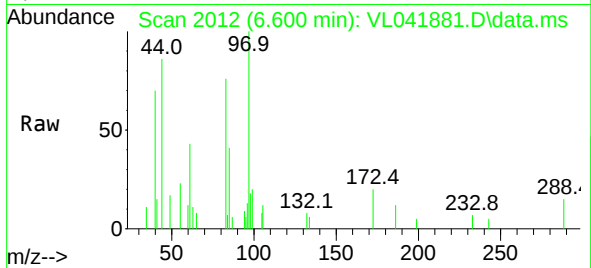
Tgt Ion: 75 Resp: 2291
Ion Ratio Lower Upper
75 100
39 26.9 51.4 77.2#
77 30.2 23.0 34.4





#47
1,1,2-Trichloroethane
Concen: 0.124 ppbv m
RT: 6.600 min Scan# 2018
Delta R.T. -0.020 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

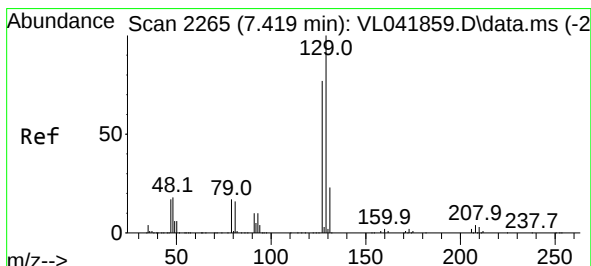
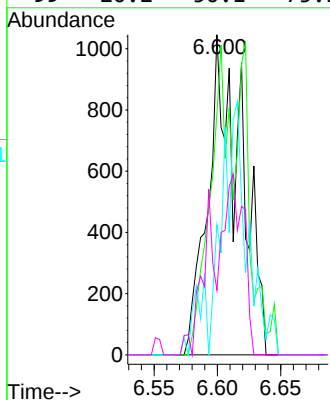
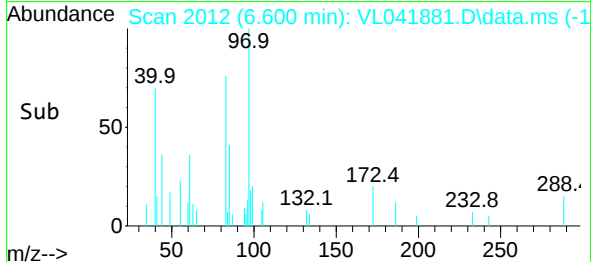
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 97 Resp: 1884
Ion Ratio Lower Upper
97 100
83 75.5 68.1 102.1
85 40.6 43.4 65.2
99 20.2 50.1 75.1#

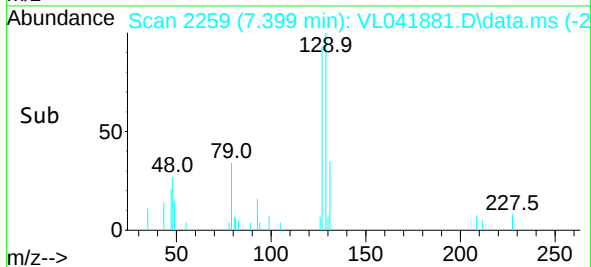
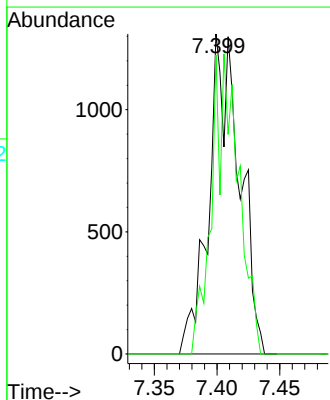
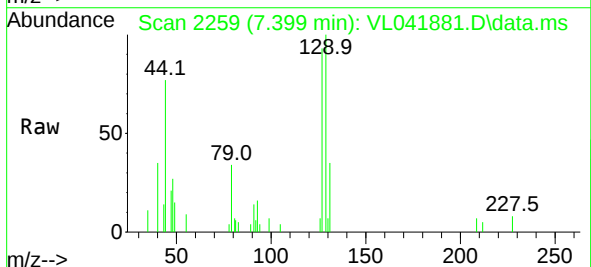
Manual Integrations
APPROVED

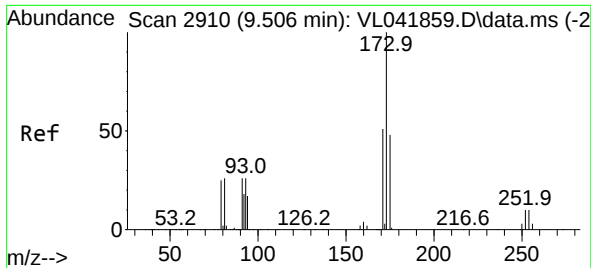
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#48
Dibromochloromethane
Concen: 0.098 ppbv m
RT: 7.399 min Scan# 2259
Delta R.T. -0.020 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

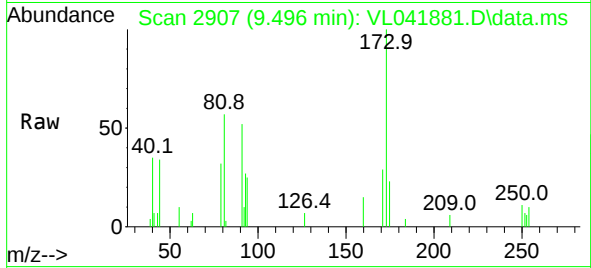
Tgt Ion:129 Resp: 2264
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.1#





#49
Bromoform
Concen: 0.088 ppbv m
RT: 9.496 min Scan# 2910
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

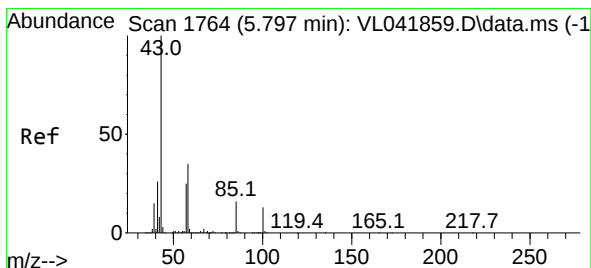
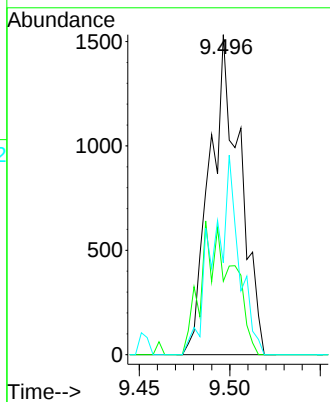
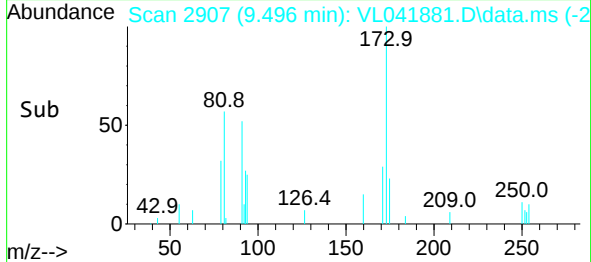
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



Tgt Ion: 173 Resp: 177
Ion Ratio Lower Upper
173 100
175 44.6 38.2 57.2
171 2.0 41.3 61.9

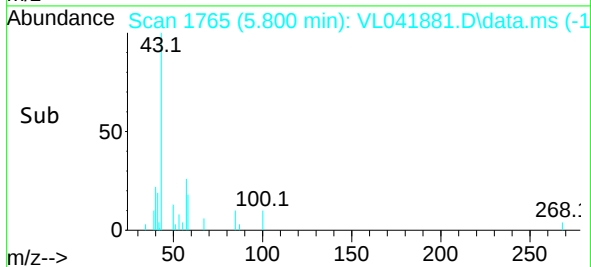
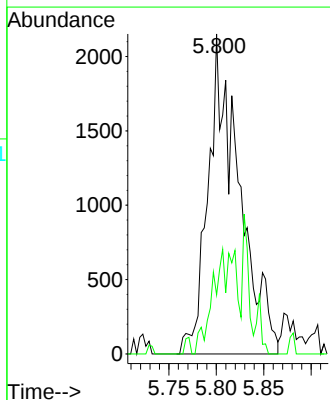
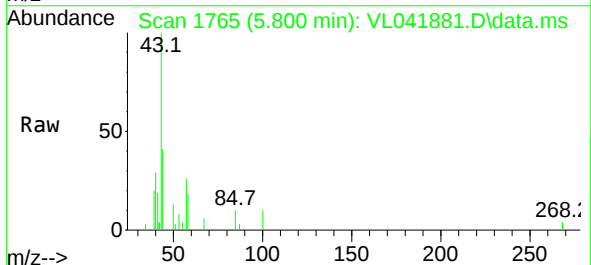
Manual Integrations
APPROVED

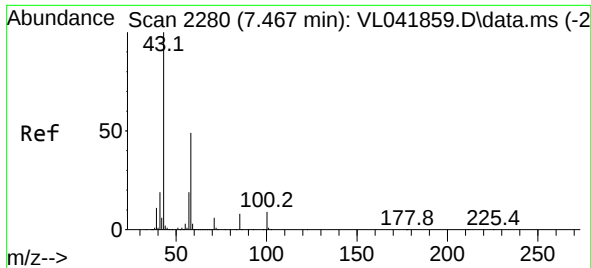
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#50
4-Methyl-2-Pentanone
Concen: 0.117 ppbv m
RT: 5.800 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 43 Resp: 4881
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2





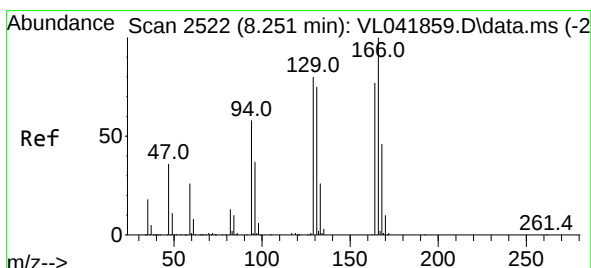
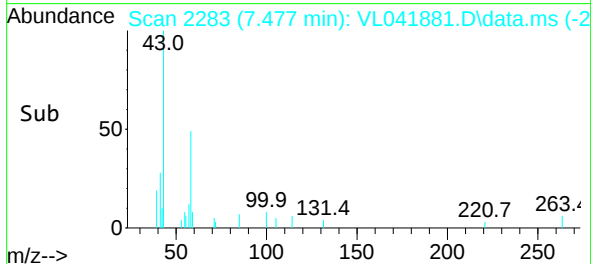
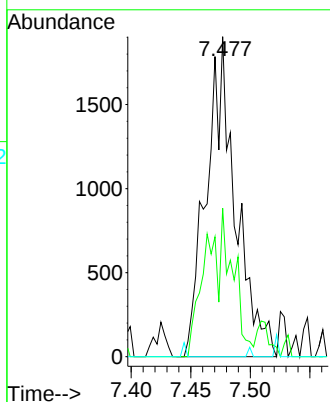
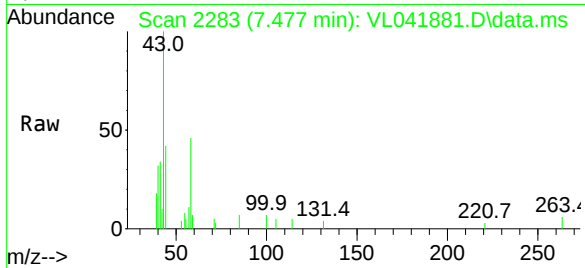
#51
2-Hexanone
Concen: 0.094 ppbv m
RT: 7.477 min Scan# 2188
Delta R.T. 0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 43 Resp: 3228
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.5 0.1 0.1

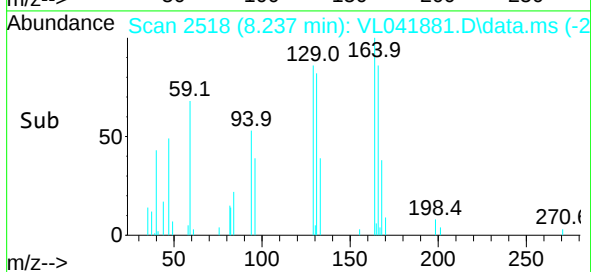
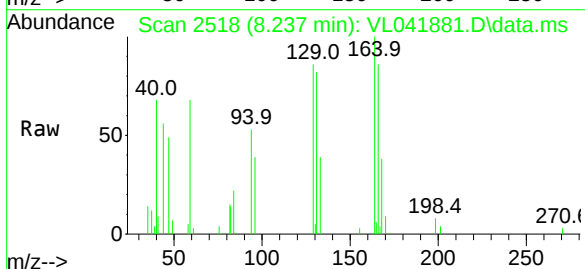
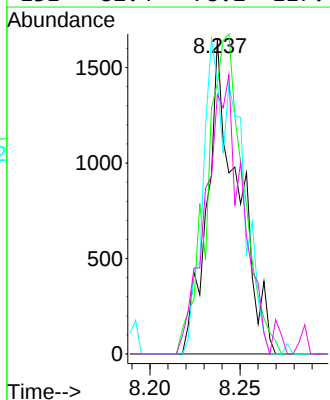
Manual Integrations
APPROVED

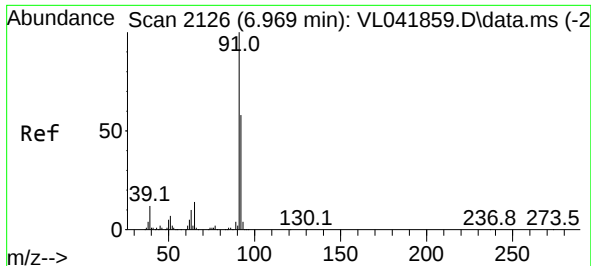
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#52
Tetrachloroethene
Concen: 0.125 ppbv m
RT: 8.237 min Scan# 2518
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:164 Resp: 1946
Ion Ratio Lower Upper
164 100
166 85.9 103.6 155.4#
129 86.4 82.6 123.8
131 82.4 78.2 117.4





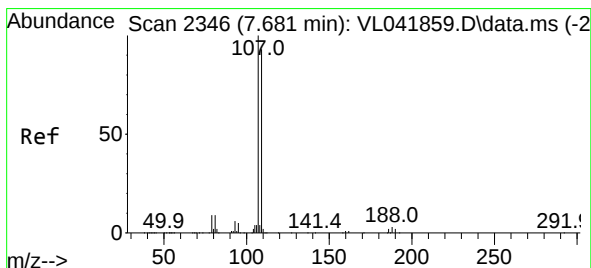
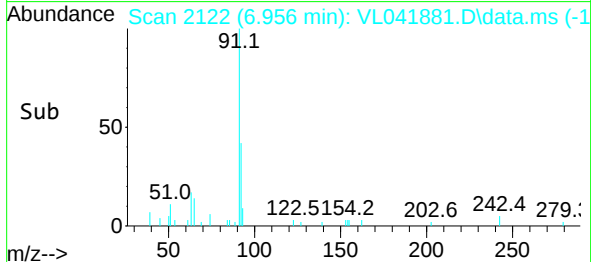
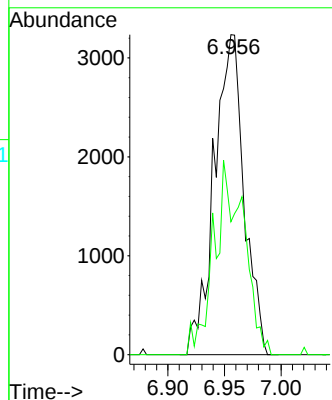
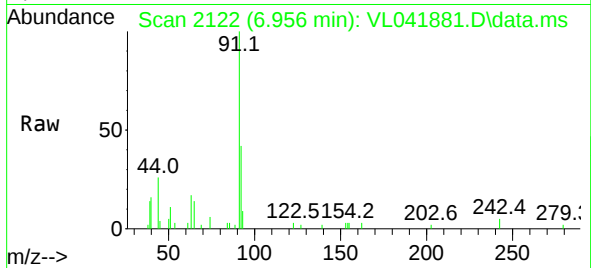
#53
Toluene
Concen: 0.122 ppbv m
RT: 6.956 min Scan# 2126
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 91 Resp: 592
Ion Ratio Lower Upper
91 100
92 60.7 47.2 70.8

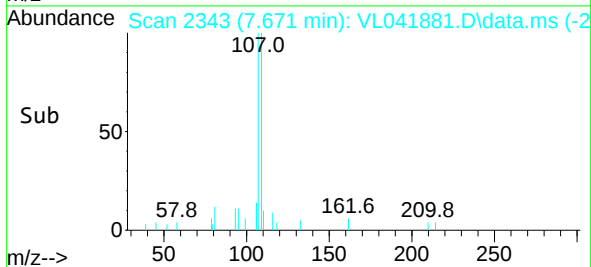
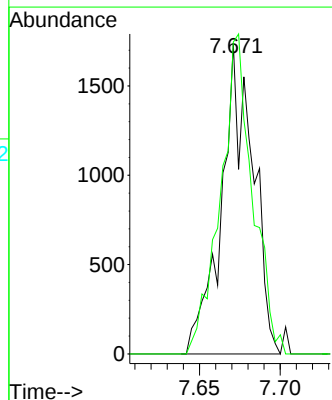
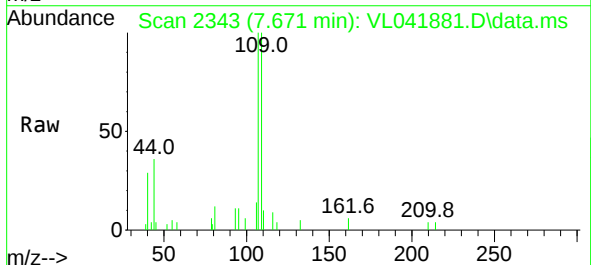
Manual Integrations
APPROVED

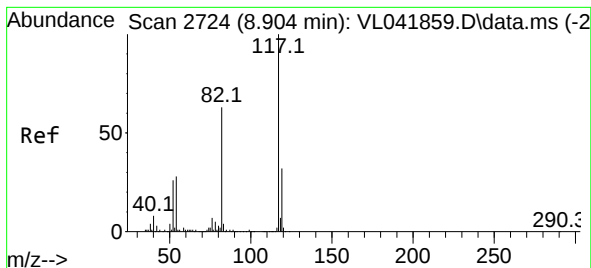
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#54
1,2-Dibromoethane
Concen: 0.114 ppbv m
RT: 7.671 min Scan# 2343
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:107 Resp: 2370
Ion Ratio Lower Upper
107 100
109 100.4 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: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

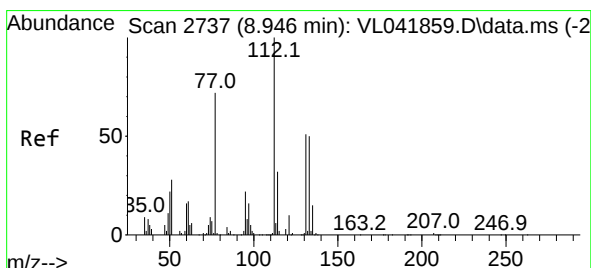
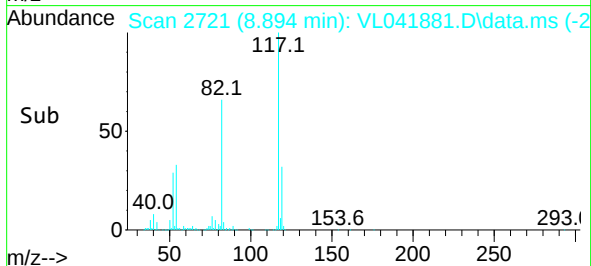
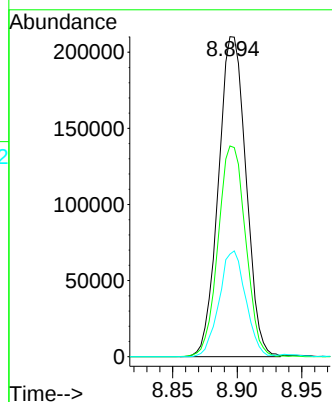
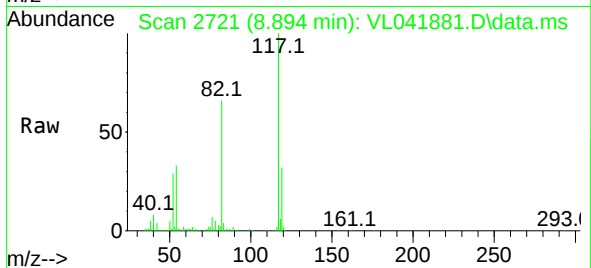
Tgt Ion:117 Resp: 31246

Ion	Ratio	Lower	Upper
117	100		
82	65.6	54.5	81.7
119	32.4	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: 0.128 ppbv m

RT: 8.940 min Scan# 2735

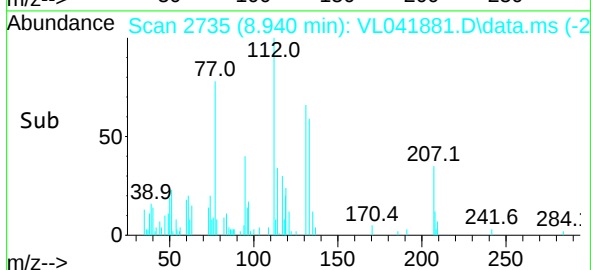
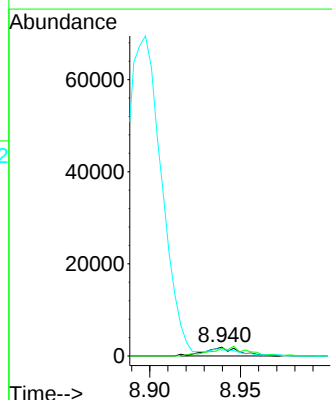
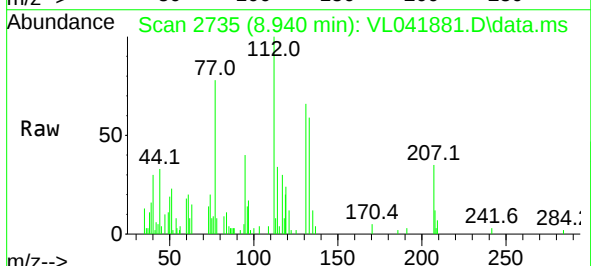
Delta R.T. -0.007 min

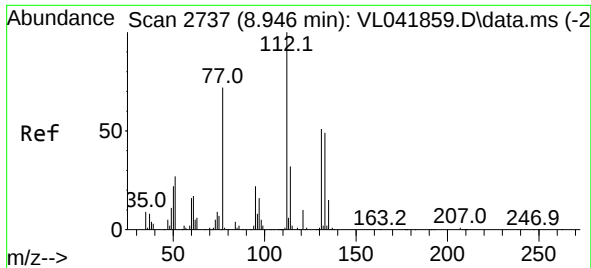
Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Tgt Ion:131 Resp: 2377

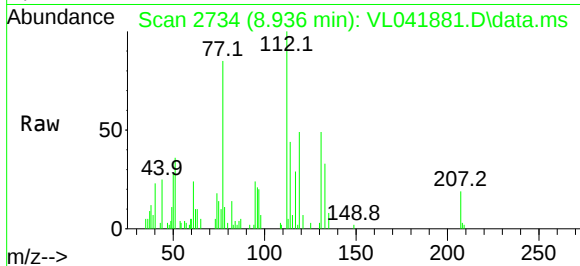
Ion	Ratio	Lower	Upper
131	100		
133	0.0	77.4	116.2#
119	0.0	49.4	74.0#





#57
Chlorobenzene
Concen: 0.125 ppbv
RT: 8.936 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

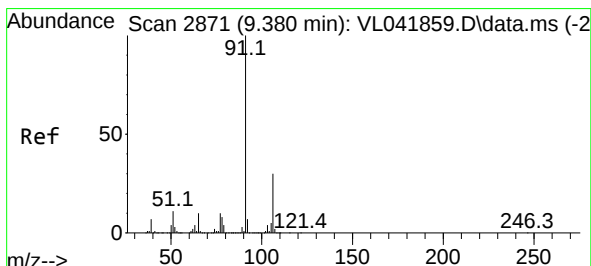
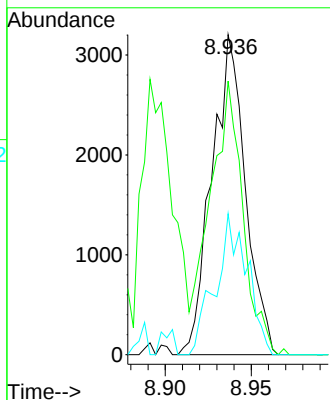
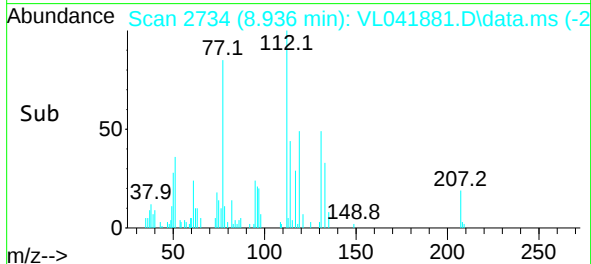
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:112 Resp: 4354
Ion Ratio Lower Upper
112 100
77 81.1 58.3 87.5
114 41.8 28.9 35.3

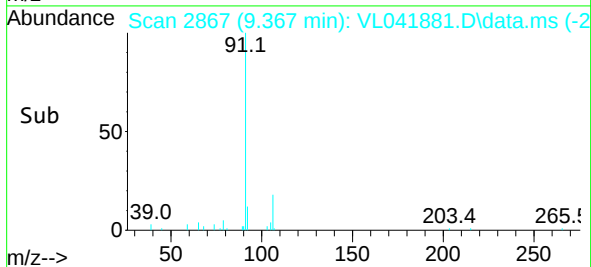
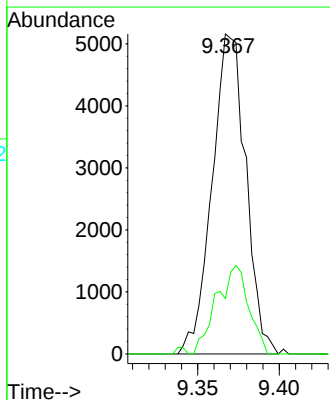
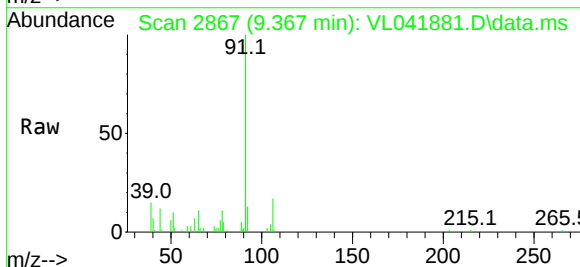
Manual Integrations
APPROVED

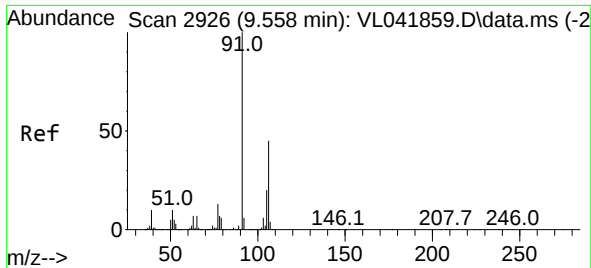
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#58
Ethyl Benzene
Concen: 0.115 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 91 Resp: 7412
Ion Ratio Lower Upper
91 100
106 18.5 24.2 36.2#





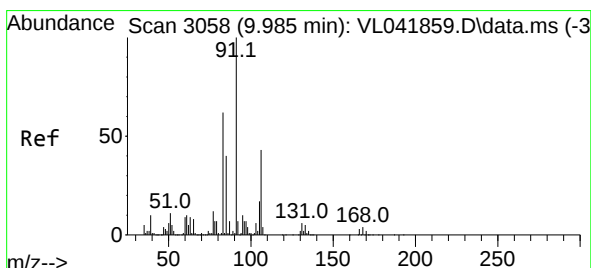
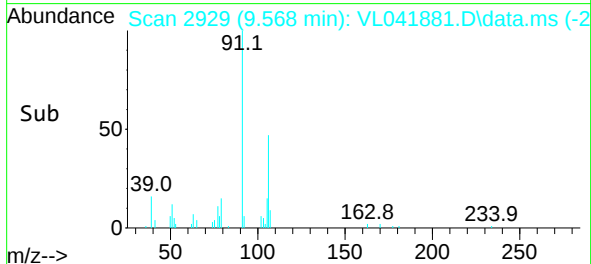
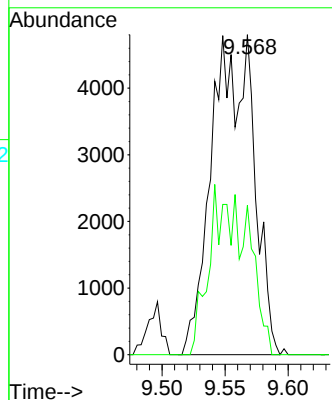
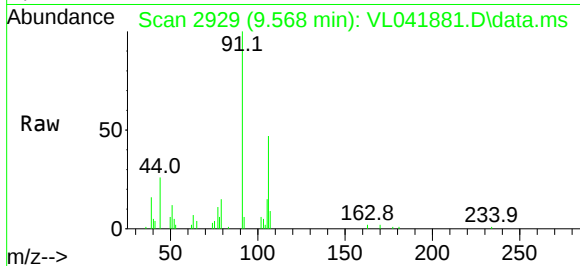
#59
m/p-Xylene
Concen: 0.217 ppbv m
RT: 9.568 min Scan# 2926
Delta R.T. 0.009 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 91 Resp: 11019
Ion Ratio Lower Upper
91 100
106 47.7 0.0 0.0

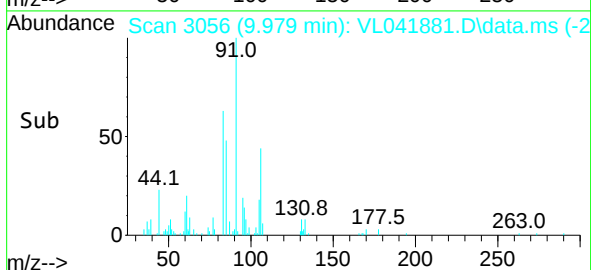
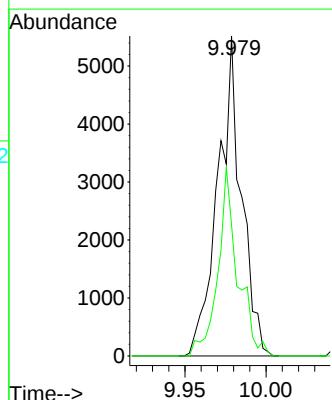
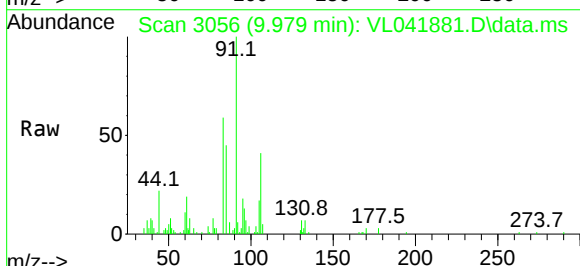
Manual Integrations
APPROVED

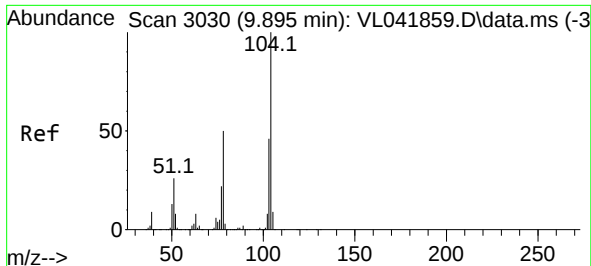
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#60
o-Xylene
Concen: 0.110 ppbv m
RT: 9.979 min Scan# 3056
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 91 Resp: 5565
Ion Ratio Lower Upper
91 100
106 49.6 21.4 64.3





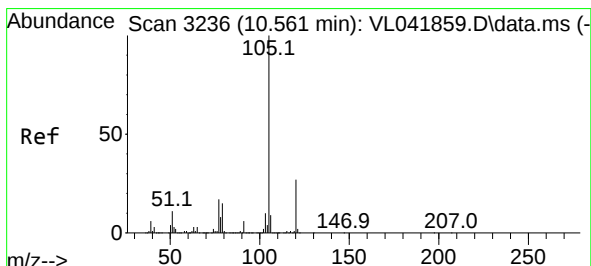
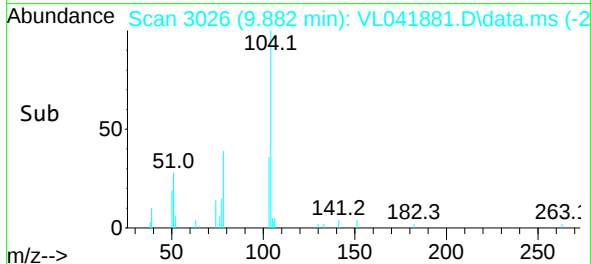
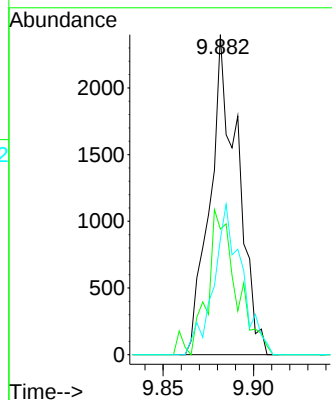
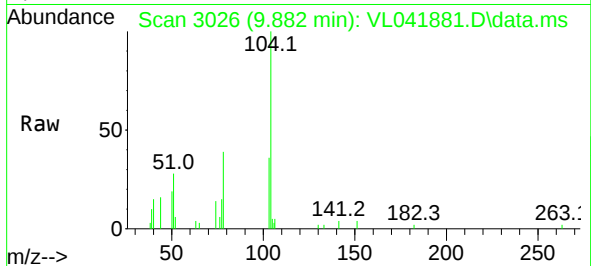
#61
Styrene
Concen: 0.101 ppbv m
RT: 9.882 min Scan# 3030
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion:104 Resp: 2564
Ion Ratio Lower Upper
104 100
78 47.6 40.7 61.1
103 47.6 37.0 55.6

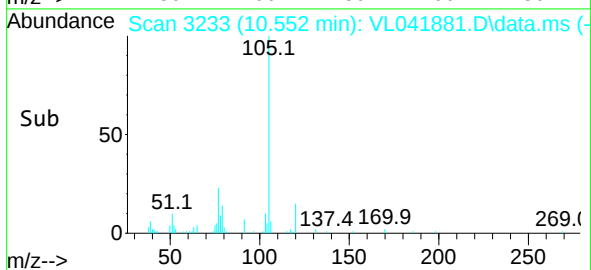
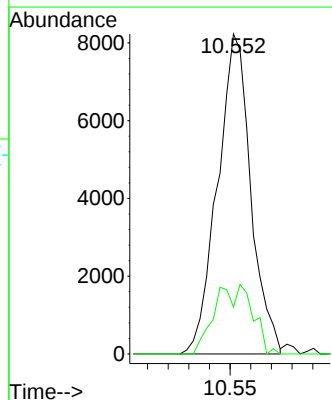
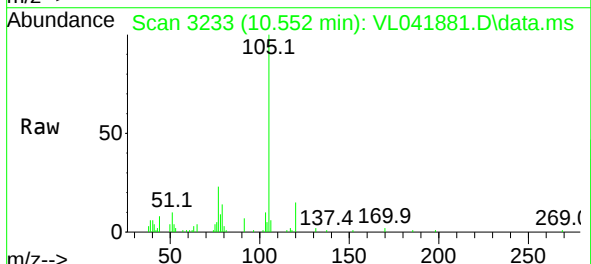
Manual Integrations
APPROVED

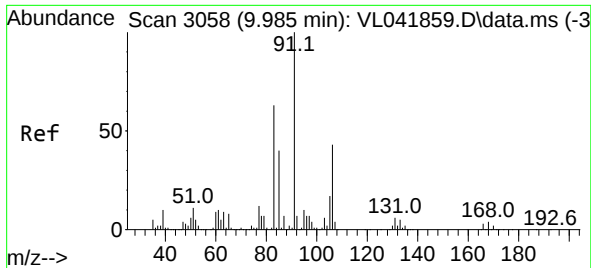
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#62
Isopropylbenzene
Concen: 0.121 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

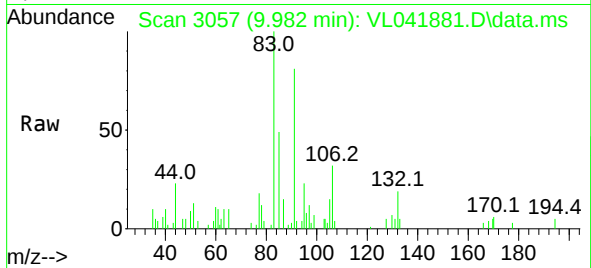
Tgt Ion:105 Resp: 9208
Ion Ratio Lower Upper
105 100
120 24.8 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.135 ppbv m
RT: 9.982 min Scan# 3058
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

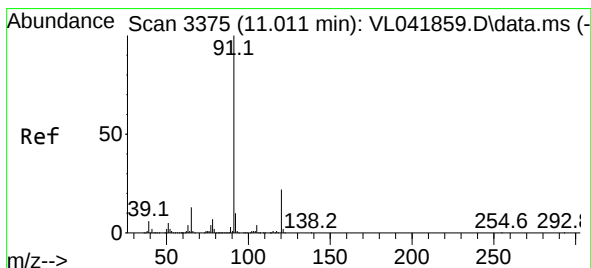
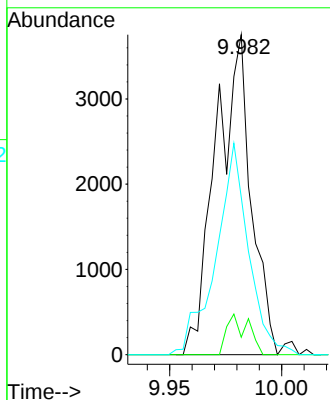
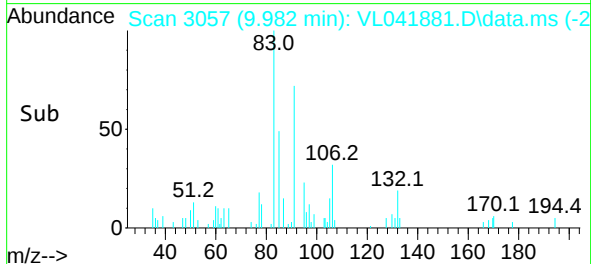
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



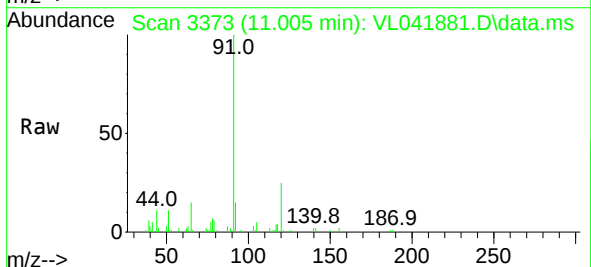
Tgt Ion: 83 Resp: 4108
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 0.0 32.1 96.3

Manual Integrations
APPROVED

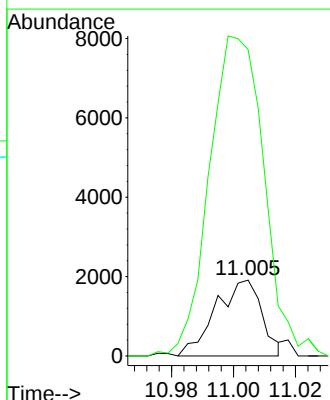
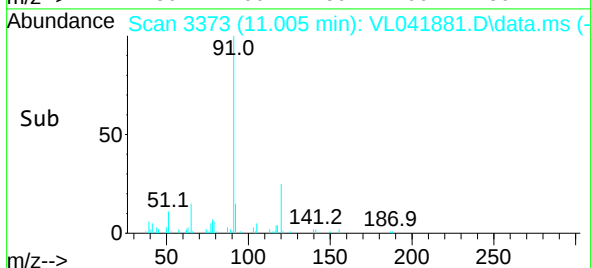
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

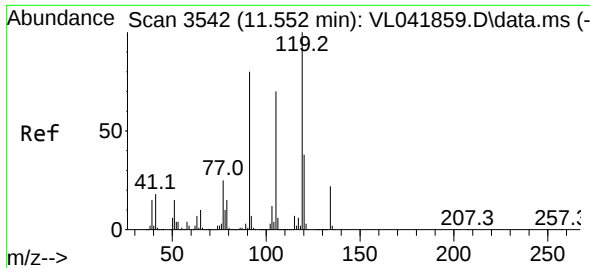


#64
n-propylbenzene
Concen: 0.100 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17



Tgt Ion:120 Resp: 1986
Ion Ratio Lower Upper
120 100
91 497.6 376.9 565.3





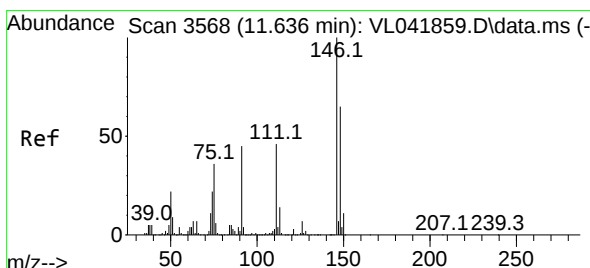
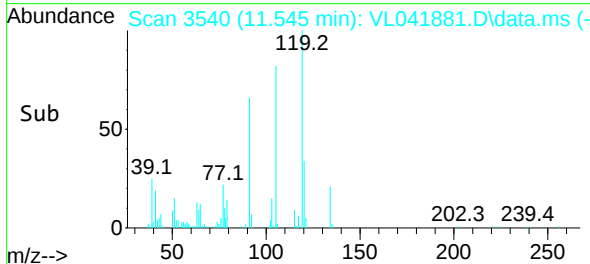
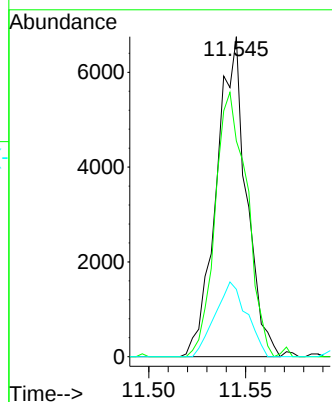
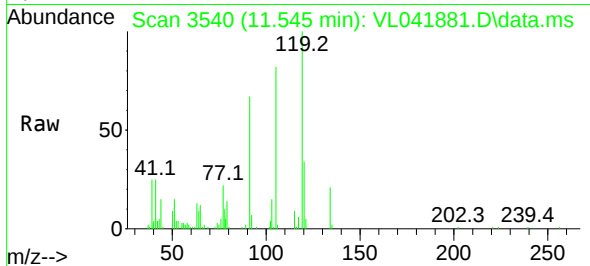
#65
tert-Butylbenzene
Concen: 0.105 ppbv
RT: 11.545 min Scan# 3542
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument : MSVOA_L
ClientSampleId : MDL 0.1

Tgt Ion: 119 Resp: 7260
Ion Ratio Lower Upper
119 100
91 88.4 64.6 97.0
134 24.7 16.9 25.3

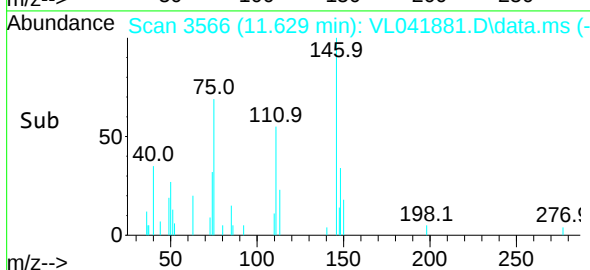
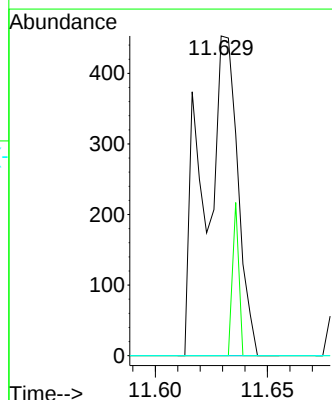
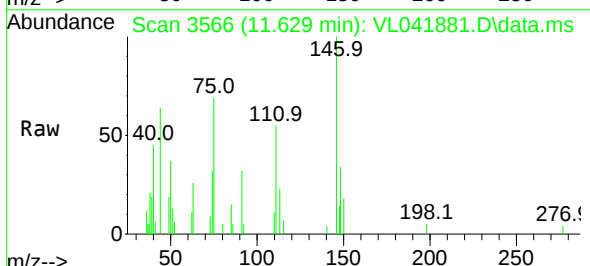
Manual Integrations
APPROVED

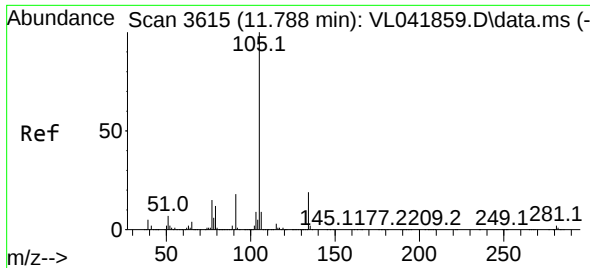
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#66
Benzyl Chloride
Concen: 0.065 ppbv m
RT: 11.629 min Scan# 3566
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

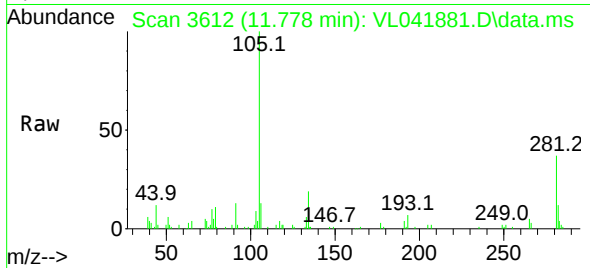
Tgt Ion: 91 Resp: 468
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#





#67
 sec-Butylbenzene
 Concen: 0.114 ppbv
 RT: 11.778 min Scan# 3615
 Delta R.T. -0.010 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17

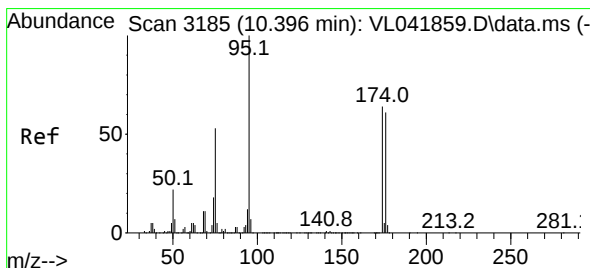
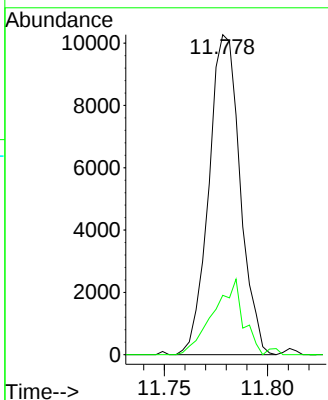
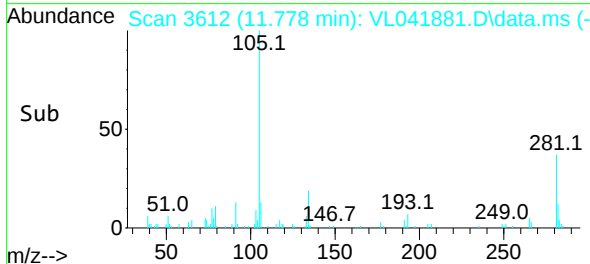
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



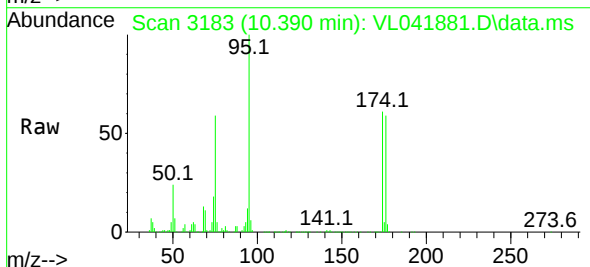
Tgt Ion: 105 Resp: 1081
 Ion Ratio Lower Upper
 105 100
 134 23.2 15.4 23.2

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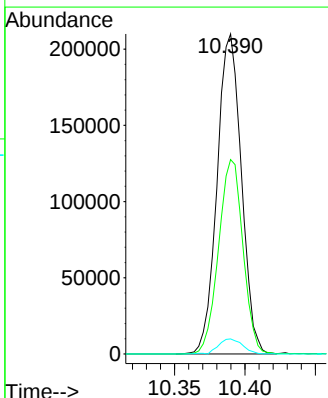
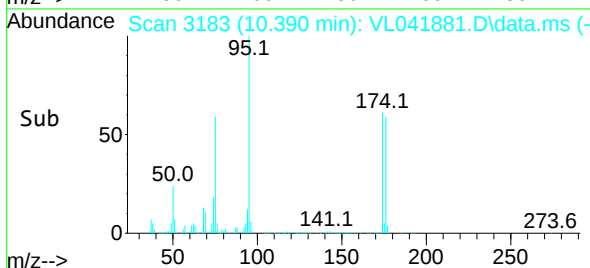
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

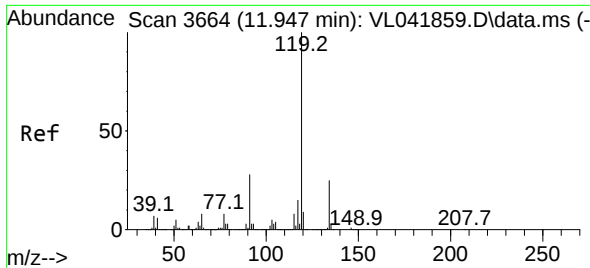


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.059 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041881.D
 Acq: 09 Jan 2025 23:17



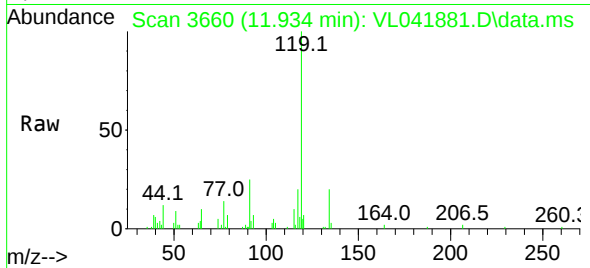
Tgt Ion: 95 Resp: 252030
 Ion Ratio Lower Upper
 95 100
 174 61.1 51.1 76.7
 175 4.7 3.8 5.8





#69
p-Isopropyltoluene
Concen: 0.100 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. -0.013 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

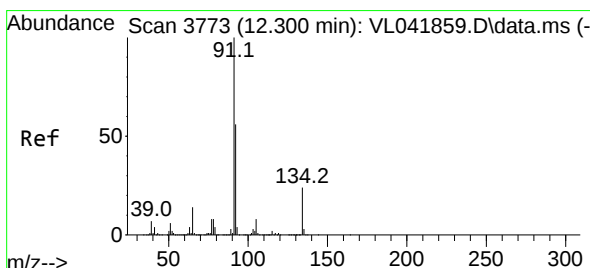
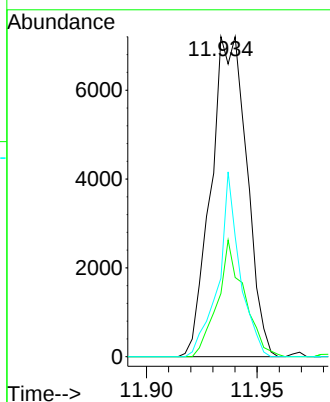
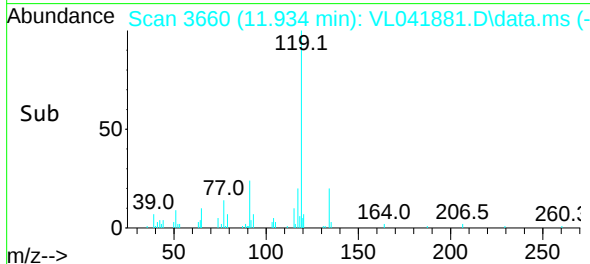
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion: 119 Resp: 813
Ion Ratio Lower Upper
119 100
134 27.2 20.3 30.5
91 34.4 22.6 34.0

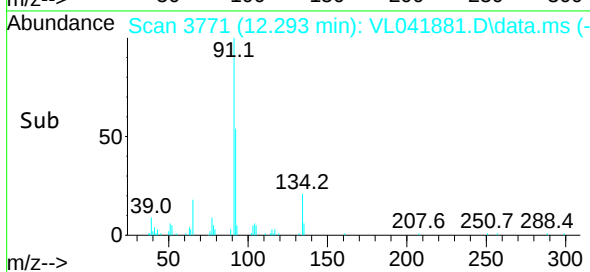
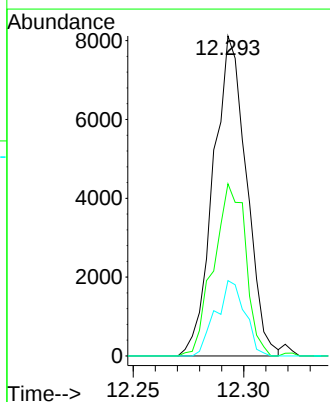
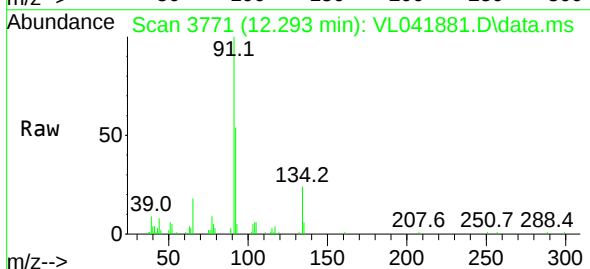
Manual Integrations
APPROVED

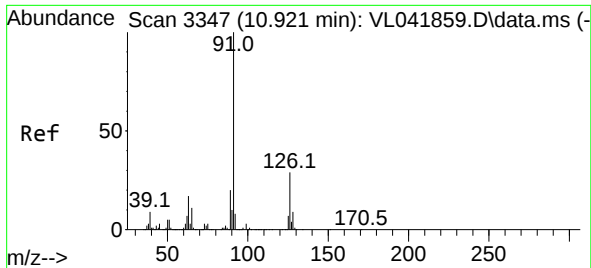
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#70
n-Butylbenzene
Concen: 0.104 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion: 91 Resp: 8440
Ion Ratio Lower Upper
91 100
92 52.5 43.8 65.8
134 20.7 19.3 28.9





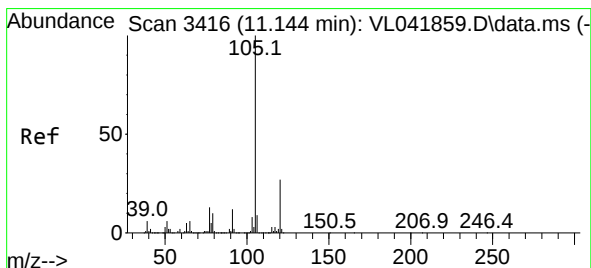
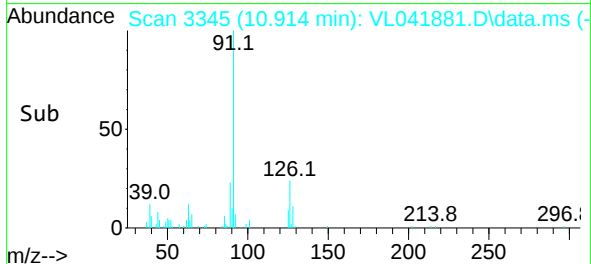
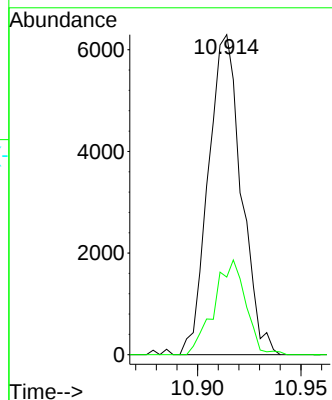
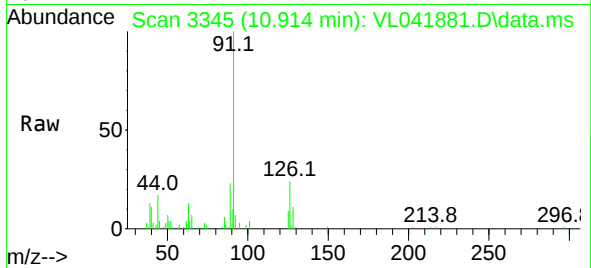
#71
2-Chlorotoluene
Concen: 0.119 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 91 Resp: 7004
Ion Ratio Lower Upper
91 100
126 28.4 11.6 46.6

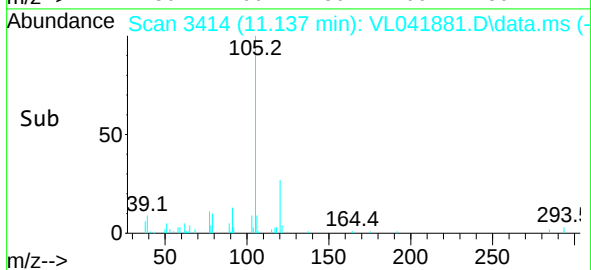
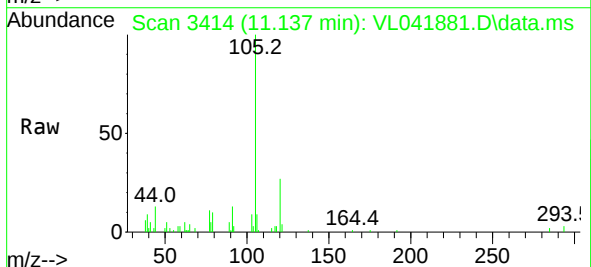
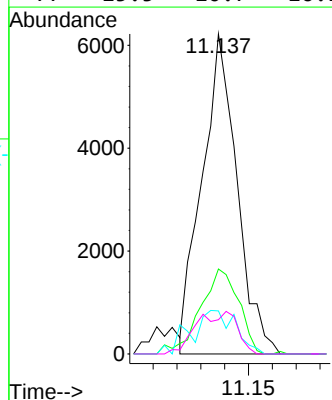
Manual Integrations
APPROVED

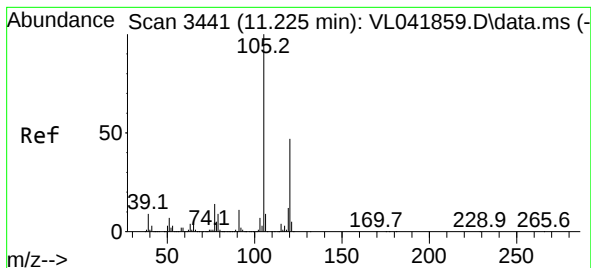
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#72
4-Ethyltoluene
Concen: 0.102 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Tgt Ion:105 Resp: 6361
Ion Ratio Lower Upper
105 100
120 29.4 23.5 35.3
91 17.3 9.8 14.8#
77 15.5 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.100 ppbv

RT: 11.215 min Scan# 3441

Delta R.T. -0.010 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion:105 Resp: 5259

Ion Ratio Lower Upper

105 100

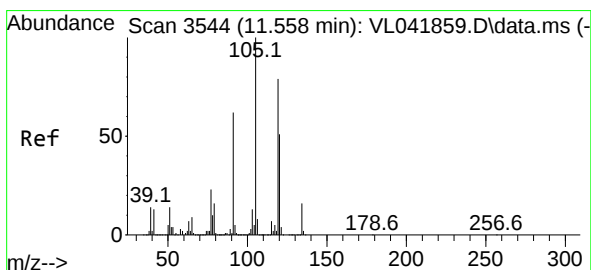
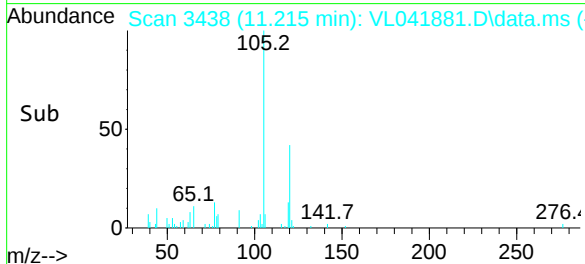
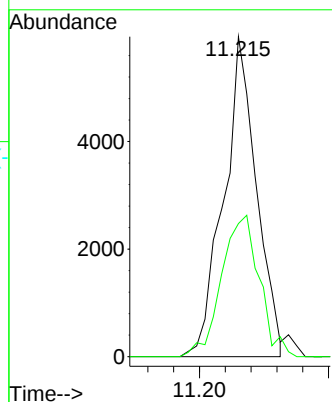
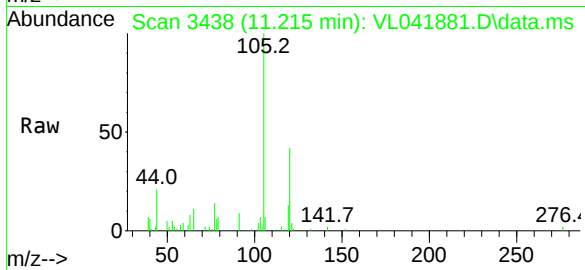
120 41.6 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.112 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.007 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

Tgt Ion:105 Resp: 6397

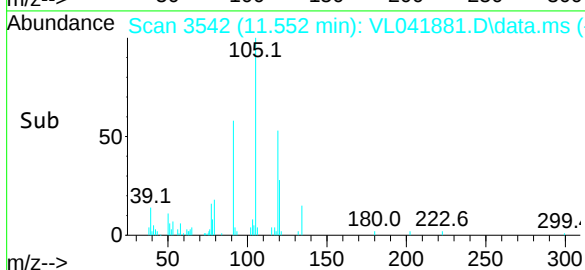
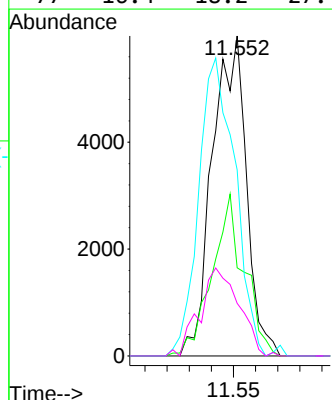
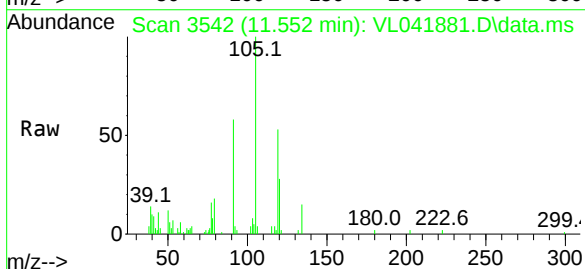
Ion Ratio Lower Upper

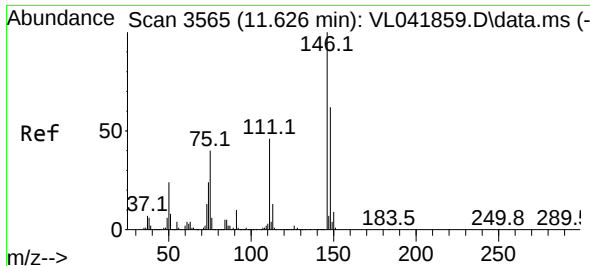
105 100

120 27.6 41.1 61.7#

91 54.8 50.0 75.0

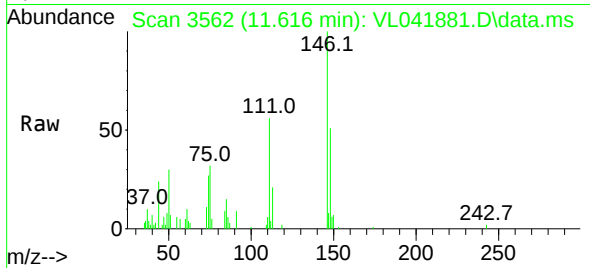
77 16.4 18.2 27.4#





#75
1,3-Dichlorobenzene
Concen: 0.128 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.010 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

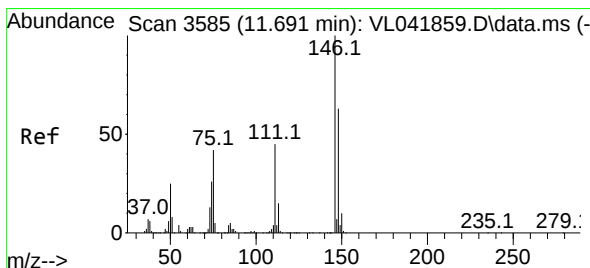
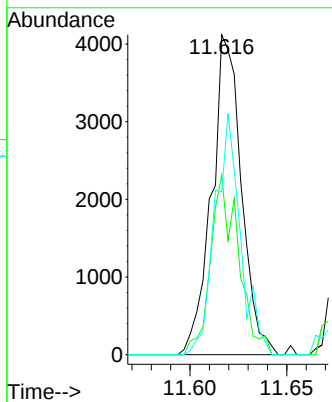
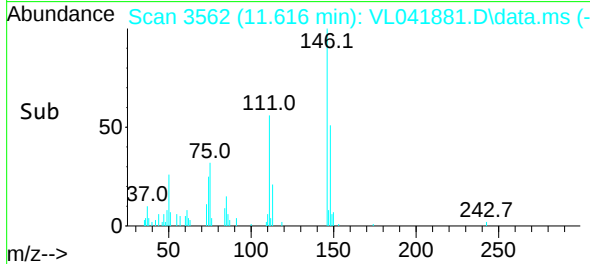
Instrument : MSVOA_L
ClientSampleId : MDL 0.1



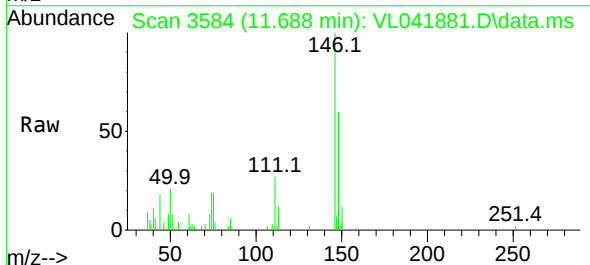
Tgt Ion:146 Resp: 4398
Ion Ratio Lower Upper
146 100
111 52.8 23.2 69.5
148 64.8 31.6 94.7

Manual Integrations
APPROVED

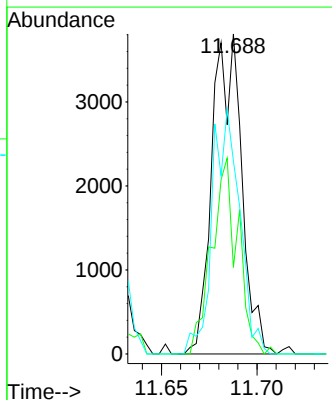
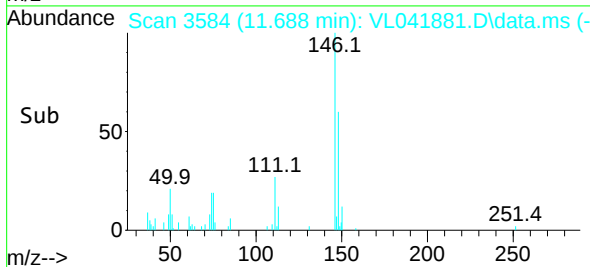
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

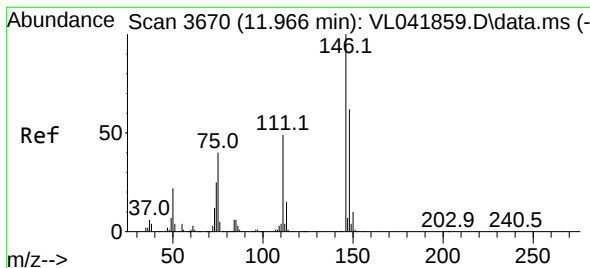


#76
1,4-Dichlorobenzene
Concen: 0.120 ppbv m
RT: 11.688 min Scan# 3584
Delta R.T. -0.003 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17



Tgt Ion:146 Resp: 4068
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.1#
148 0.0 31.2 93.6#





#77

1,2-Dichlorobenzene

Concen: 0.126 ppbv

RT: 11.960 min Scan# 3670

Delta R.T. -0.007 min

Lab File: VL041881.D

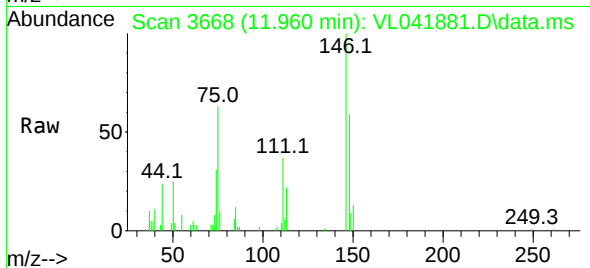
Acq: 09 Jan 2025 23:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

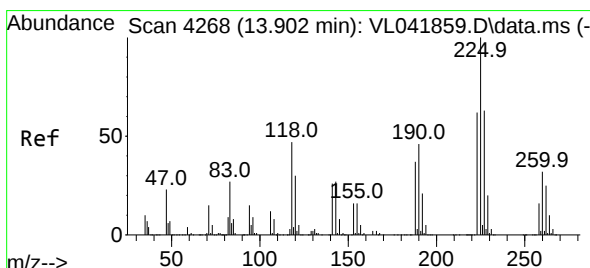
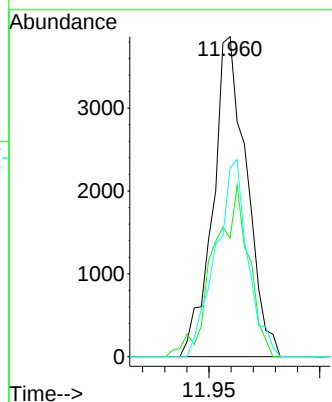


Tgt Ion:	146	Resp:	4074
Ion	Ratio	Lower	Upper
146	100		
111	55.6	24.1	72.3
148	58.7	31.5	94.5

Manual Integrations

APPROVED

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



#78

Hexachloro-1,3-Butadiene

Concen: 0.124 ppbv

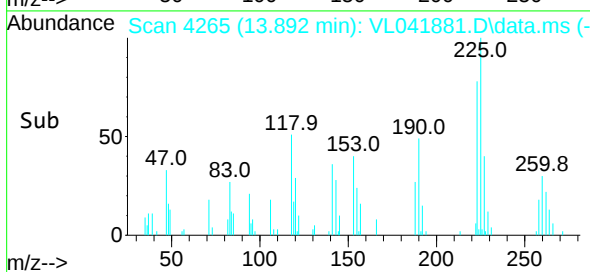
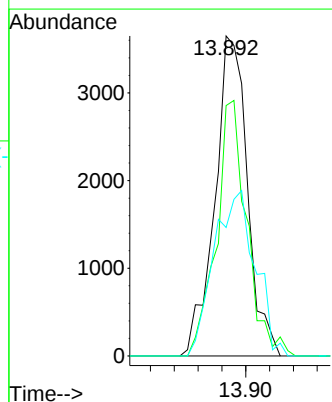
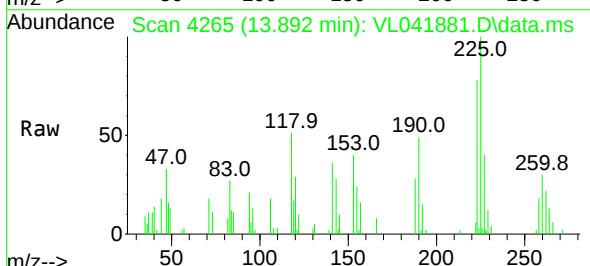
RT: 13.892 min Scan# 4265

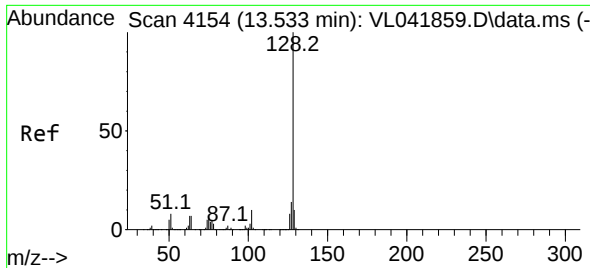
Delta R.T. -0.010 min

Lab File: VL041881.D

Acq: 09 Jan 2025 23:17

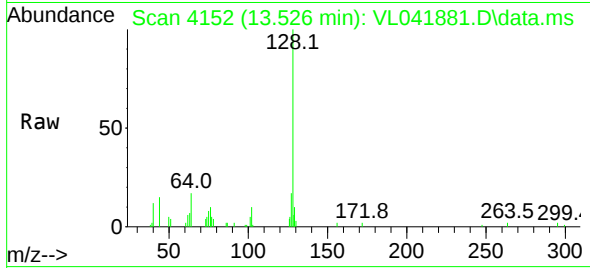
Tgt Ion:	225	Resp:	3452
Ion	Ratio	Lower	Upper
225	100		
223	74.8	50.6	75.8
227	65.8	50.9	76.3





#79
Naphthalene
Concen: 0.088 ppbv
RT: 13.526 min Scan# 4154
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

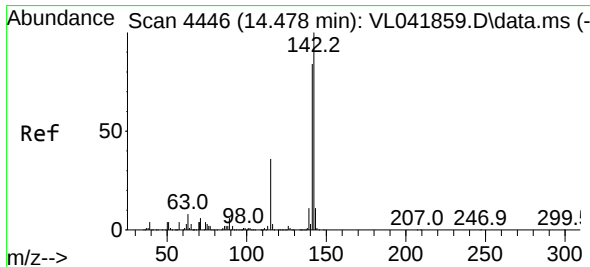
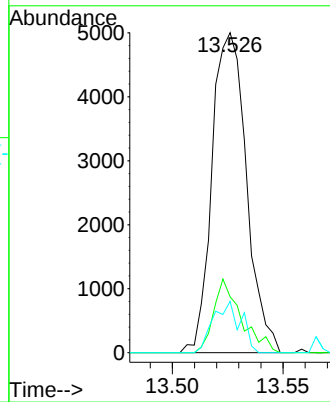
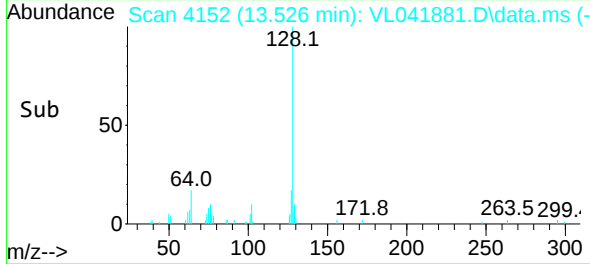
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



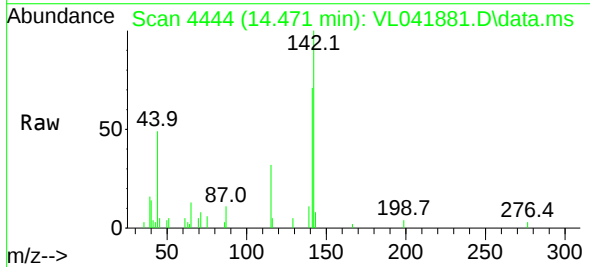
Tgt Ion:128 Resp: 5400
Ion Ratio Lower Upper
128 100
127 16.5 10.8 16.2#
129 15.2 8.2 12.4#

Manual Integrations
APPROVED

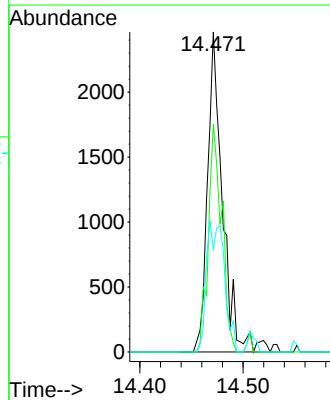
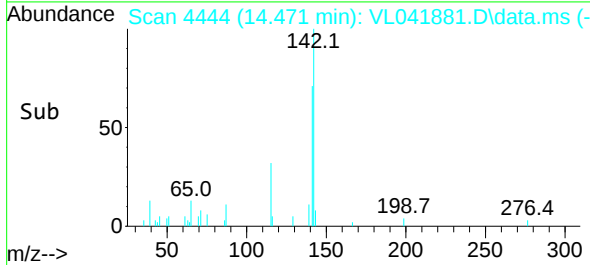
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

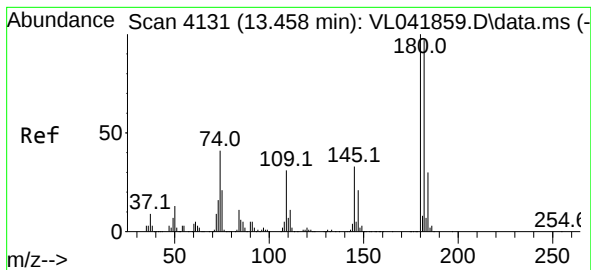


#80
Naphthalene,2-methyl-
Concen: 0.075 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17



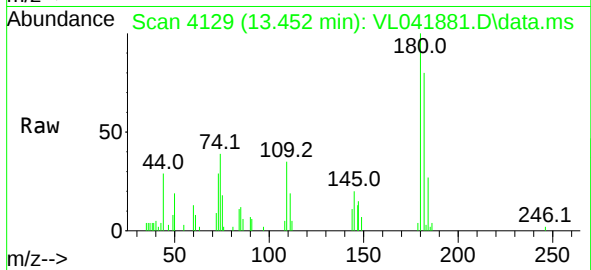
Tgt Ion:142 Resp: 2511
Ion Ratio Lower Upper
142 100
141 65.0 68.2 102.4#
115 51.3 29.4 44.2#





#81
1,2,4-Trichlorobenzene
Concen: 0.121 ppbv
RT: 13.452 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041881.D
Acq: 09 Jan 2025 23:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1



Tgt Ion:180 Resp: 355
Ion Ratio Lower Upper
180 100
182 92.5 75.8 113.8
184 35.9 24.1 36.1

Manual Integrations
APPROVED

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

