

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041878.D
 Acq On : 09 Jan 2025 21:46
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

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

Quant Time: Jan 10 01:50:44 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)

Internal Standards						
1) Bromochloromethane	2.800	49	124320	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	373355	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	329798	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 263593 9.968 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.505	85	10409	0.510	ppbv	100
3) Chlorodifluoromethane	1.483	51	10478	0.467	ppbv	95
4) Chloromethane	1.538	50	4067	0.513	ppbv #	67
5) Vinyl Chloride	1.586	62	3551	0.421	ppbv #	78
6) Bromomethane	1.677	94	2075	0.522	ppbv #	57
7) Chloroethane	1.712	64	1919	0.587	ppbv #	86
8) Dichlorotetrafluoroethane	1.560	85	9198	0.518	ppbv	94
9) Propene	1.489	41	4781	0.457	ppbv #	83
10) Heptane	5.001	43	12567m	0.456	ppbv	
11) Trichlorofluoromethane	1.887	101	10898	0.520	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.153	101	9156	0.540	ppbv	99
13) Ethanol	1.729	45	666m	1.002	ppbv	
14) Bromoethene	1.787	108	3191	0.525	ppbv #	92
15) Acetone	1.845	43	12978m	0.619	ppbv	
16) 1,3-Butadiene	1.615	39	4840	0.537	ppbv	99
17) tert-Butyl alcohol	2.052	59	10740	0.451	ppbv #	83
18) 1,1-Dichloroethene	2.043	96	4061	0.529	ppbv	93
19) Isopropyl Alcohol	1.897	45	6579	0.597	ppbv #	85
20) Methylene Chloride	2.072	84	4351	0.608	ppbv #	81
21) Allyl Chloride	2.107	41	6897	0.514	ppbv	97
22) trans-1,2-Dichloroethene	2.350	96	4612m	0.519	ppbv	
23) Vinyl Acetate	2.473	43	5004m	0.471	ppbv	
24) 1,1-Dichloroethane	2.418	63	8636	0.513	ppbv #	92
25) Ethyl Acetate	2.855	43	23509	0.451	ppbv #	95
26) Hexane	2.839	57	10116	0.472	ppbv	91
27) Carbon Disulfide	2.159	76	9292	0.453	ppbv #	1
28) Methyl tert-Butyl Ether	2.457	73	7694	0.470	ppbv #	90
29) Chloroform	2.858	83	15090	0.503	ppbv	84
30) Cyclohexane	3.875	84	8682	0.472	ppbv	96
31) cis-1,2-Dichloroethene	2.735	61	9485	0.453	ppbv	98
32) 1,1,1-Trichloroethane	3.386	97	13475	0.452	ppbv	97
34) 2-Butanone	2.573	43	14173	0.457	ppbv	100
35) Carbon Tetrachloride	3.784	117	12221	0.421	ppbv	99
36) Benzene	3.680	78	19856	0.458	ppbv	93
37) 1,2-Dichloroethane	3.237	62	12249	0.539	ppbv #	95
38) Trichloroethene	4.567	130	7658m	0.448	ppbv	
39) 1,2-Dichloropropane	4.337	63	7489m	0.486	ppbv	
40) 1,4-Dioxane	4.629	88	3469m	0.448	ppbv	
41) Tetrahydrofuran	3.078	42	7887m	0.433	ppbv	
42) Bromodichloromethane	4.512	83	13602	0.436	ppbv	92
43) Methyl Methacrylate	4.910	69	7223m	0.407	ppbv	
44) 2,2,4-Trimethylpentane	4.664	57	33556	0.459	ppbv	95
45) t-1,3-Dichloropropene	6.451	75	6604m	0.364	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041878.D
 Acq On : 09 Jan 2025 21:46
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Manual Integrations
 APPROVED

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

Quant Time: Jan 10 01:50:44 2025

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

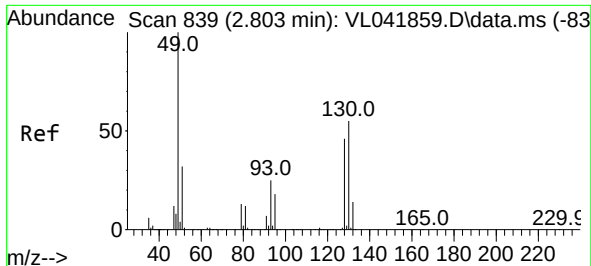
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

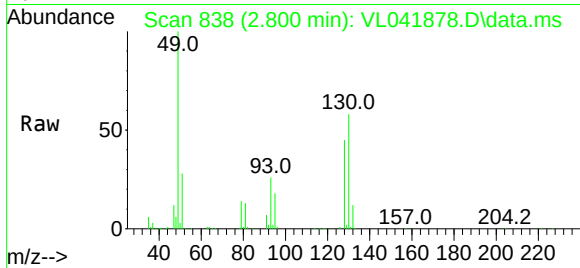
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	9355m	0.402	ppbv	
47) 1,1,2-Trichloroethane	6.613	97	8355m	0.515	ppbv	
48) Dibromochloromethane	7.402	129	9716m	0.395	ppbv	
49) Bromoform	9.500	173	7434	0.347	ppbv	98
50) 4-Methyl-2-Pentanone	5.800	43	18888m	0.426	ppbv	
51) 2-Hexanone	7.474	43	13967m	0.383	ppbv	
52) Tetrachloroethene	8.250	164	7465m	0.450	ppbv	
53) Toluene	6.959	91	22124	0.429	ppbv	95
54) 1,2-Dibromoethane	7.674	107	9847	0.447	ppbv	91
56) 1,1,1,2-Tetrachloroethane	8.943	131	9018	0.459	ppbv #	1
57) Chlorobenzene	8.940	112	17769	0.483	ppbv	95
58) Ethyl Benzene	9.374	91	29529	0.435	ppbv	97
59) m/p-Xylene	9.565	91	48518m	0.905	ppbv	
60) o-Xylene	9.979	91	24191	0.453	ppbv	97
61) Styrene	9.885	104	10684	0.400	ppbv	97
62) Isopropylbenzene	10.555	105	35856	0.446	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.982	83	14487	0.451	ppbv	99
64) n-propylbenzene	11.002	120	9714	0.463	ppbv	89
65) tert-Butylbenzene	11.545	119	33528	0.460	ppbv	99
66) Benzyl Chloride	11.626	91	2168	0.287	ppbv #	94
67) sec-Butylbenzene	11.782	105	45883	0.457	ppbv	100
69) p-Isopropyltoluene	11.940	119	37916	0.443	ppbv	100
70) n-Butylbenzene	12.296	91	37329	0.434	ppbv	99
71) 2-Chlorotoluene	10.914	91	28380	0.456	ppbv	99
72) 4-Ethyltoluene	11.141	105	29119	0.444	ppbv #	97
73) 1,3,5-Trimethylbenzene	11.215	105	24361	0.438	ppbv	92
74) 1,2,4-Trimethylbenzene	11.549	105	26021	0.431	ppbv #	79
75) 1,3-Dichlorobenzene	11.620	146	16575	0.457	ppbv	93
76) 1,4-Dichlorobenzene	11.685	146	16999	0.474	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	17456	0.510	ppbv	98
78) Hexachloro-1,3-Butadiene	13.898	225	14849	0.504	ppbv	98
79) Naphthalene	13.526	128	26169	0.402	ppbv	99
80) Naphthalene,2-methyl-	14.475	142	12018	0.342	ppbv	98
81) 1,2,4-Trichlorobenzene	13.455	180	14529	0.469	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 839
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

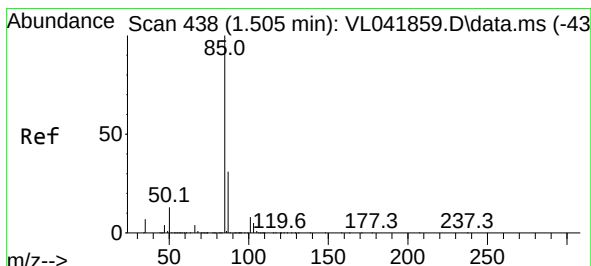
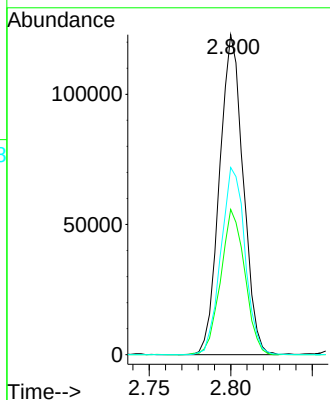
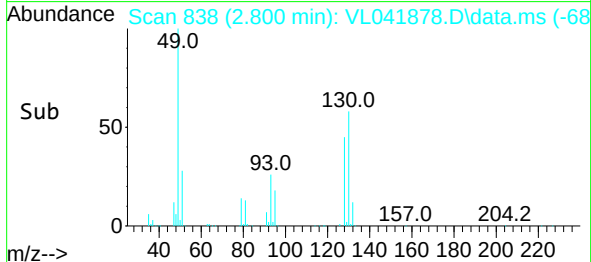
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 49 Resp: 124320
Ion Ratio Lower Upper
49 100
128 46.0 23.2 69.5
130 59.6 29.9 89.8

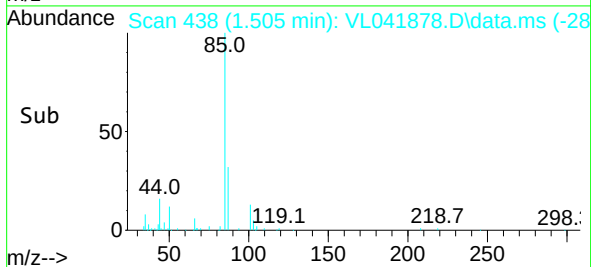
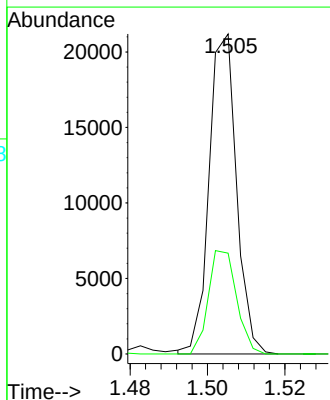
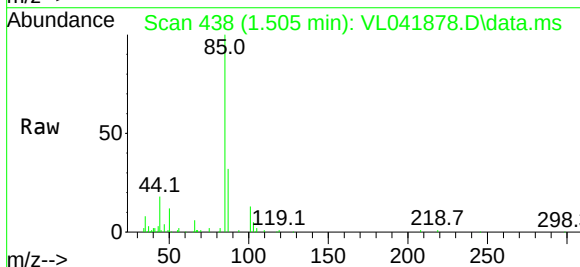
Manual Integrations
APPROVED

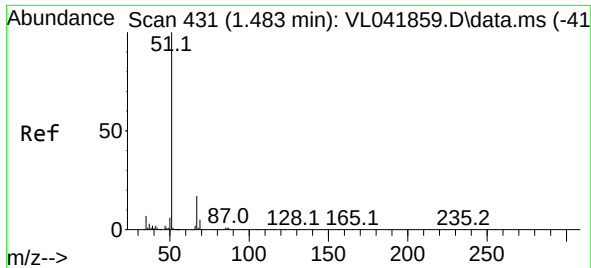
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

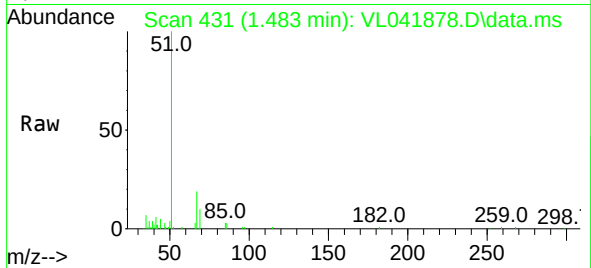
Tgt Ion: 85 Resp: 10409
Ion Ratio Lower Upper
85 100
87 31.5 25.2 37.8





#3
Chlorodifluoromethane
Concen: 0.467 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

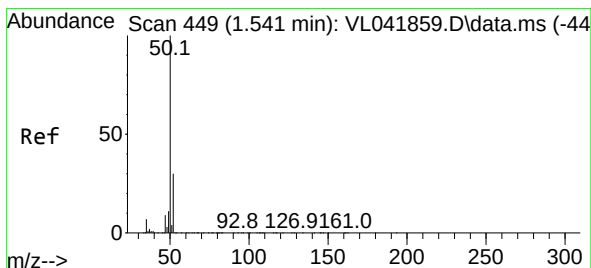
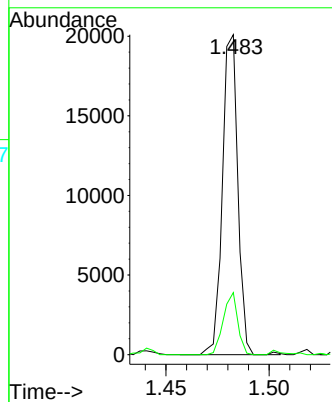
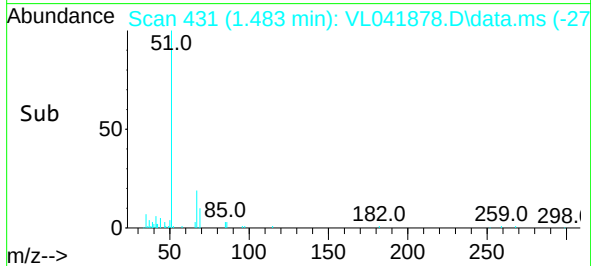
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 51 Resp: 10478
Ion Ratio Lower Upper
51 100
67 19.4 13.8 20.8

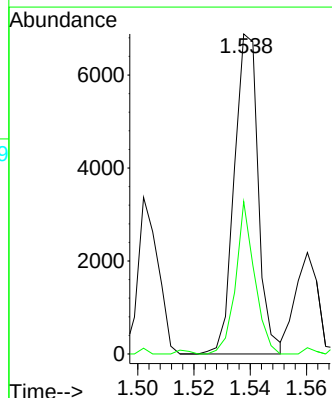
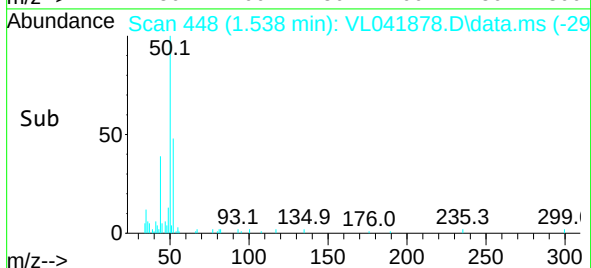
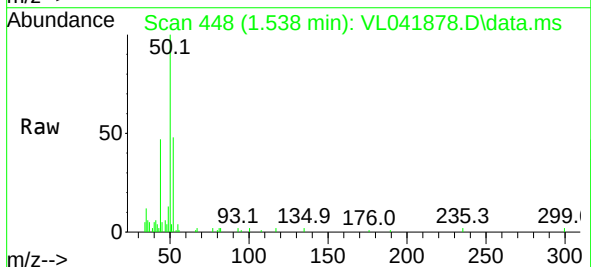
Manual Integrations
APPROVED

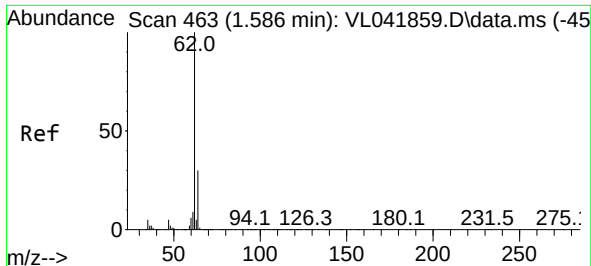
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#4
Chloromethane
Concen: 0.513 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

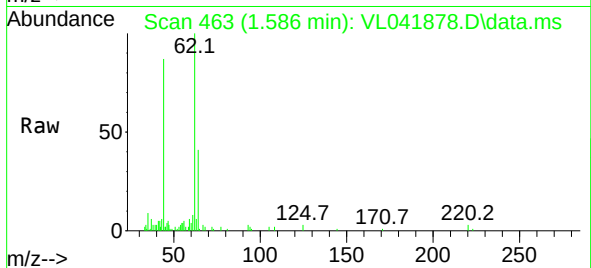
Tgt Ion: 50 Resp: 4067
Ion Ratio Lower Upper
50 100
52 47.6 23.9 35.9#





#5
 Vinyl Chloride
 Concen: 0.421 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

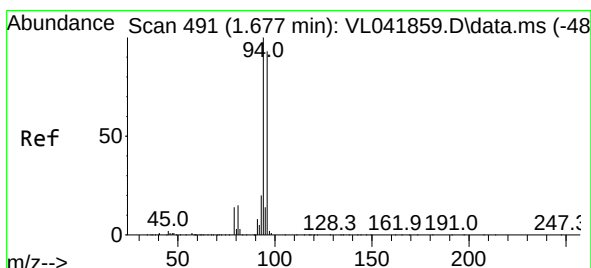
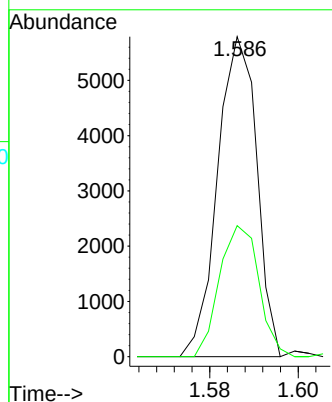
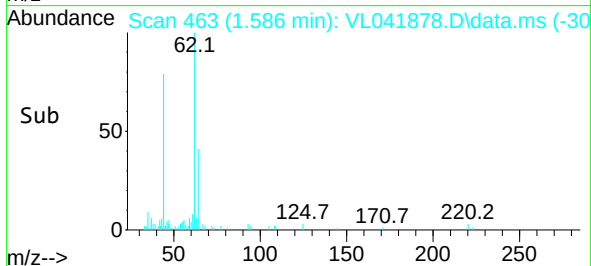
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



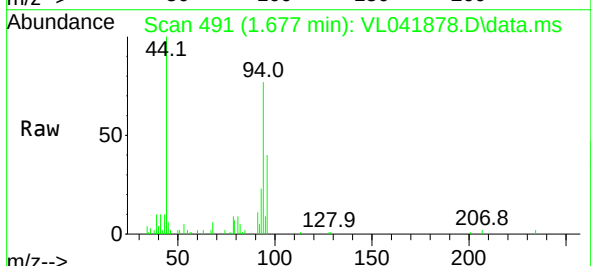
Tgt Ion: 62 Resp: 355
 Ion Ratio Lower Upper
 62 100
 64 41.9 24.1 36.1

Manual Integrations
 APPROVED

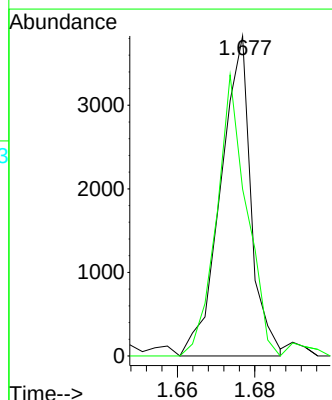
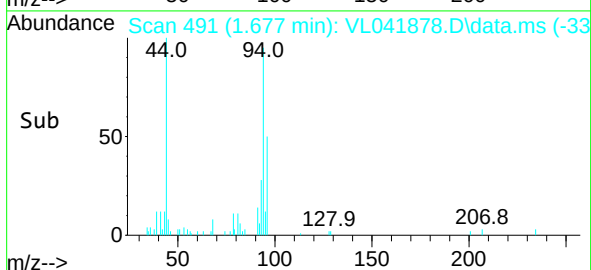
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

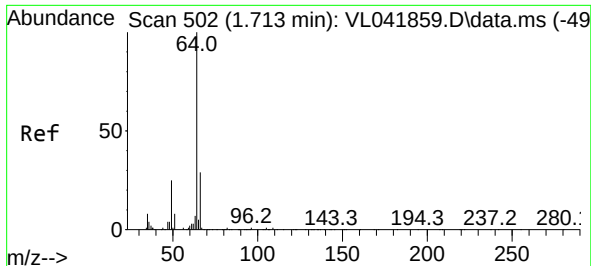


#6
 Bromomethane
 Concen: 0.522 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46



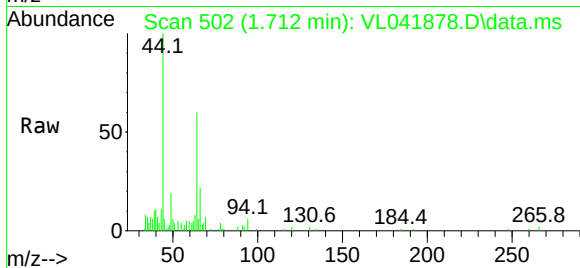
Tgt Ion: 94 Resp: 2075
 Ion Ratio Lower Upper
 94 100
 96 52.2 74.8 112.2





#7
Chloroethane
Concen: 0.587 ppbv
RT: 1.712 min Scan# 502
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

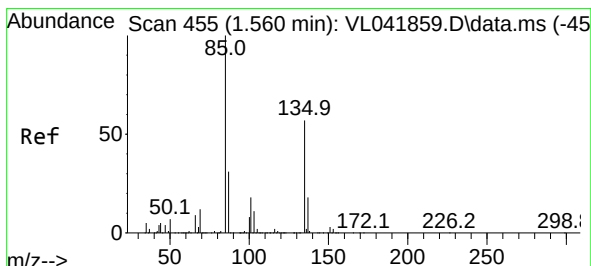
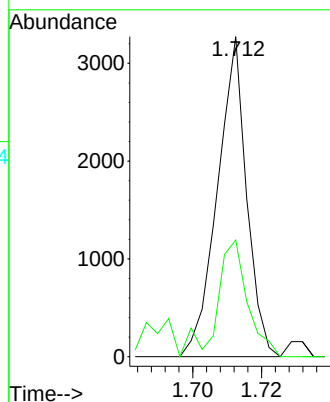
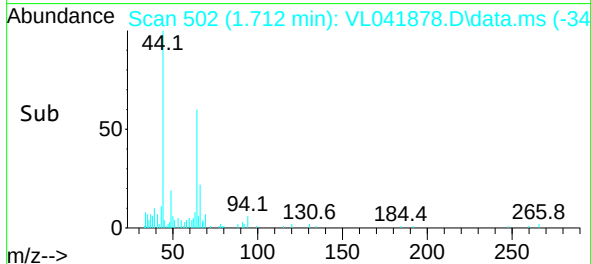
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



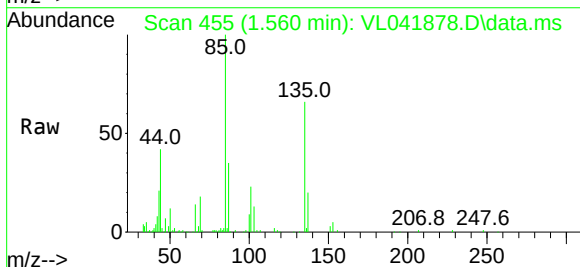
Tgt Ion: 64 Resp: 1919
Ion Ratio Lower Upper
64 100
66 36.5 23.0 34.6

Manual Integrations
APPROVED

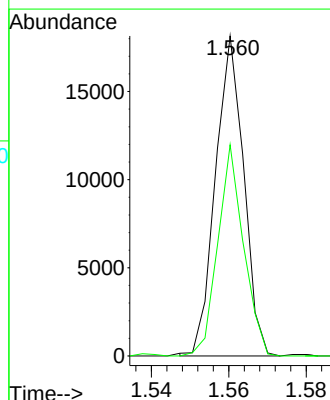
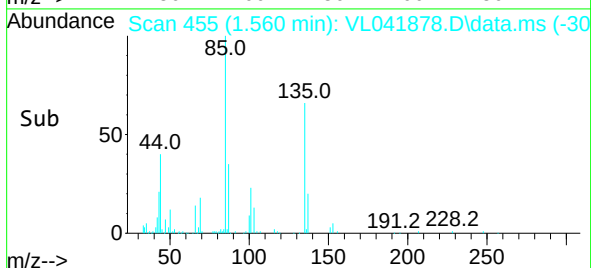
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

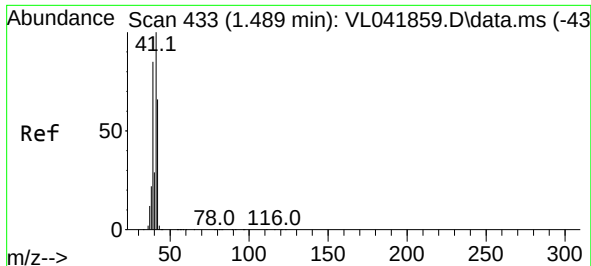


#8
Dichlorotetrafluoroethane
Concen: 0.518 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



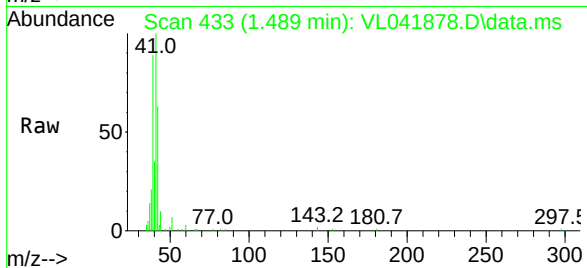
Tgt Ion: 85 Resp: 9198
Ion Ratio Lower Upper
85 100
135 60.7 52.2 78.4





#9
Propene
Concen: 0.457 ppbv
RT: 1.489 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

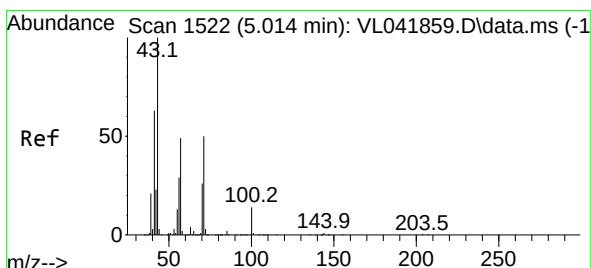
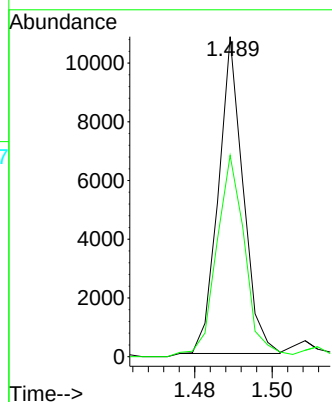
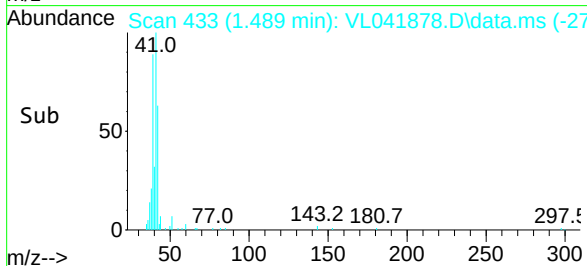
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



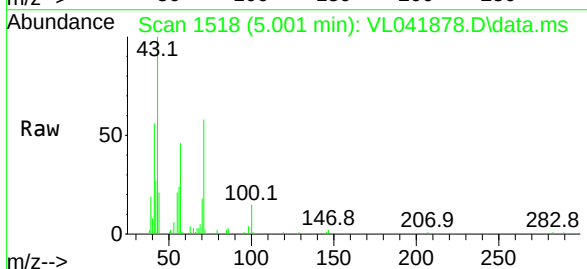
Tgt Ion: 41 Resp: 478
Ion Ratio Lower Upper
41 100
42 80.2 53.0 79.6

Manual Integrations
APPROVED

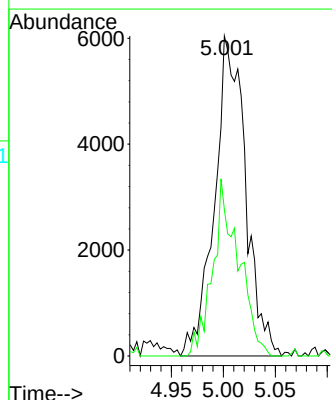
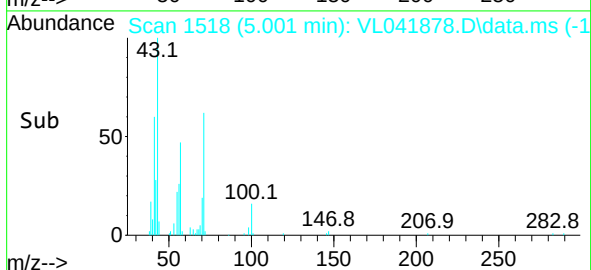
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

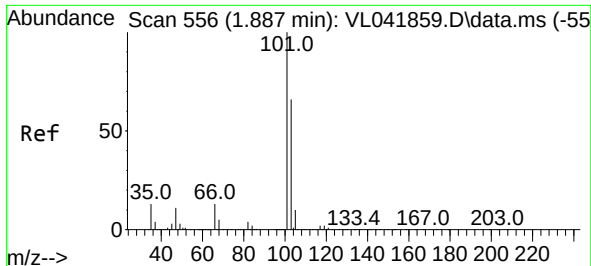


#10
Heptane
Concen: 0.456 ppbv m
RT: 5.001 min Scan# 1518
Delta R.T. -0.013 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



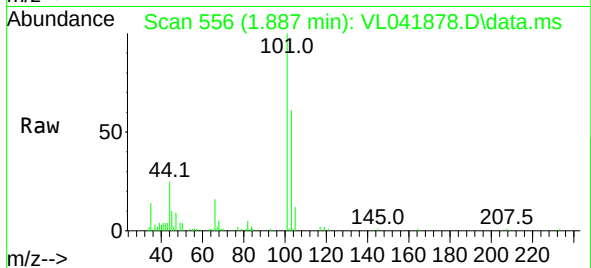
Tgt Ion: 43 Resp: 12567
Ion Ratio Lower Upper
43 100
57 0.0 40.2 60.2#





#11
Trichlorofluoromethane
Concen: 0.520 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

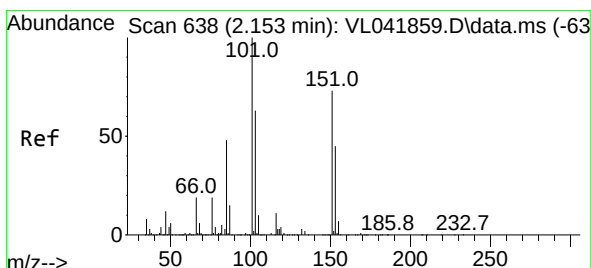
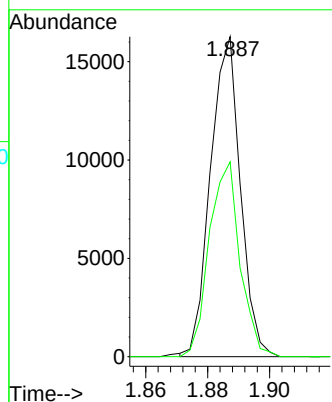
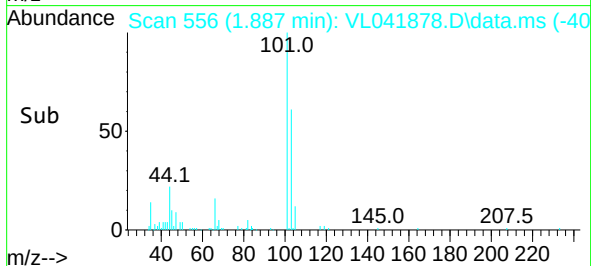
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:101 Resp: 10898
Ion Ratio Lower Upper
101 100
103 60.9 52.6 78.8

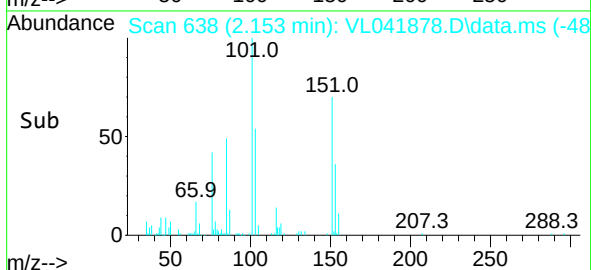
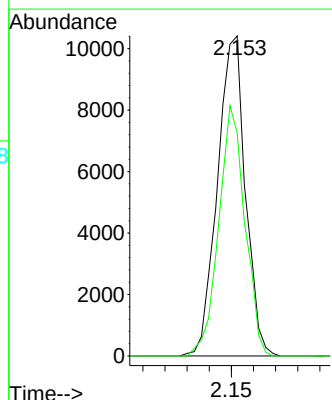
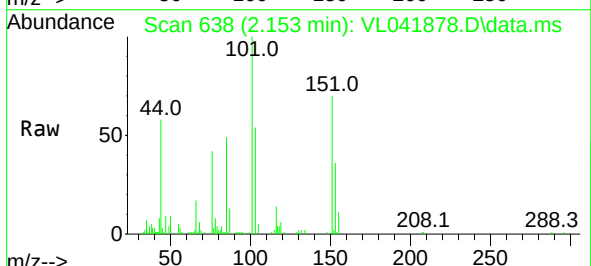
Manual Integrations
APPROVED

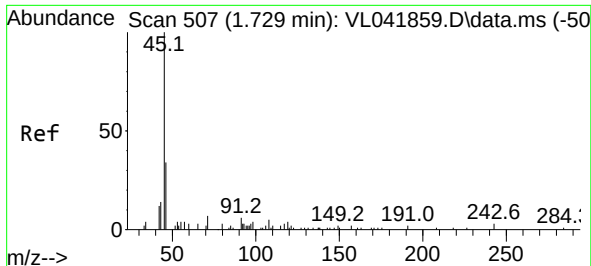
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.540 ppbv
RT: 2.153 min Scan# 638
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

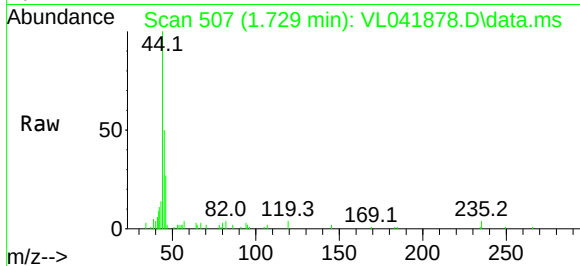
Tgt Ion:101 Resp: 9156
Ion Ratio Lower Upper
101 100
151 73.2 59.4 89.0





#13
Ethanol
Concen: 1.002 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

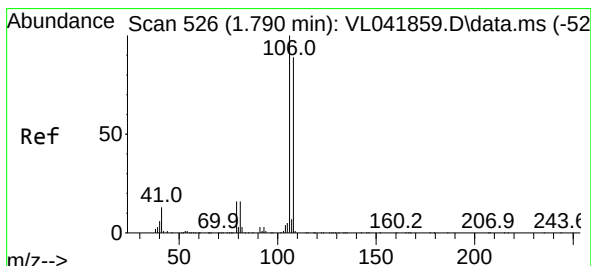
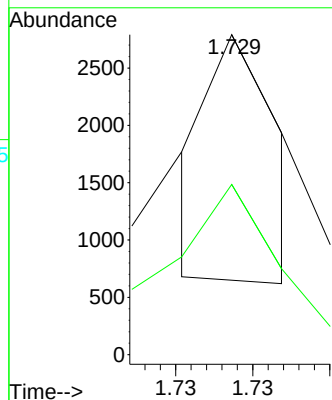
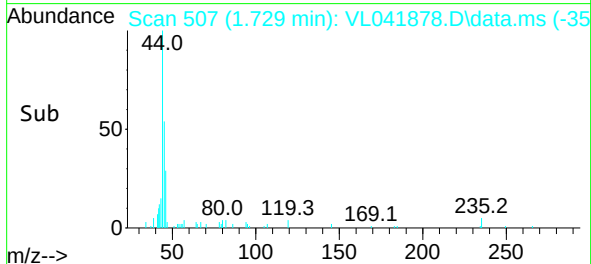
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



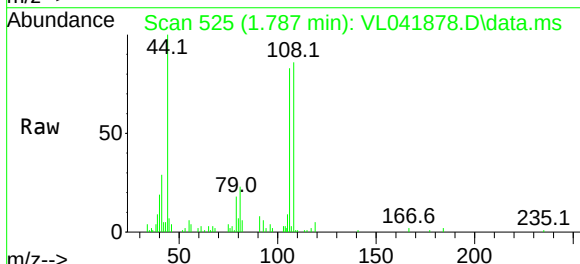
Tgt Ion: 45 Resp: 660
Ion Ratio Lower Upper
45 100
46 140.4 19.0 76.0

Manual Integrations
APPROVED

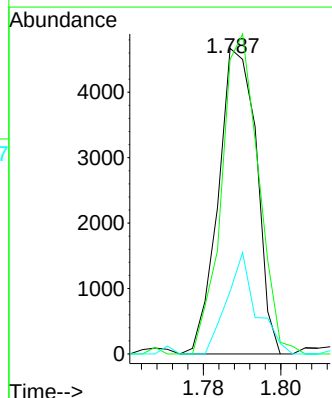
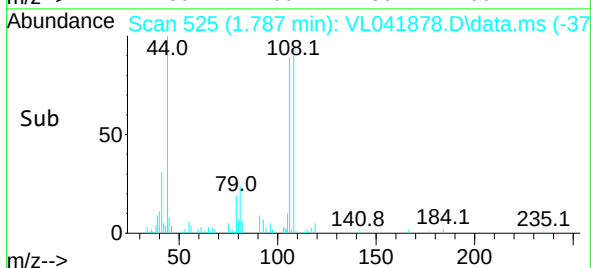
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

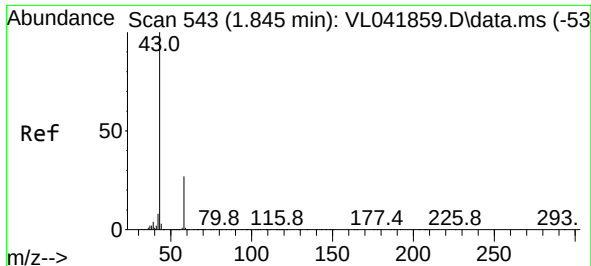


#14
Bromoethene
Concen: 0.525 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



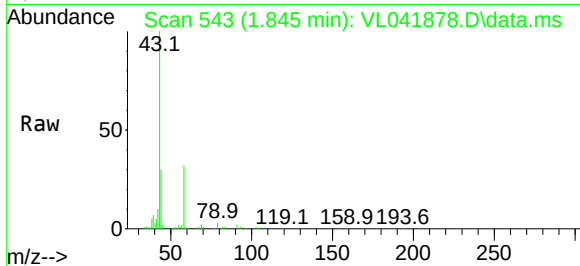
Tgt Ion:108 Resp: 3191
Ion Ratio Lower Upper
108 100
106 102.3 86.9 130.3
79 28.4 15.6 23.4





#15
Acetone
Concen: 0.619 ppbv m
RT: 1.845 min Scan# 543
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

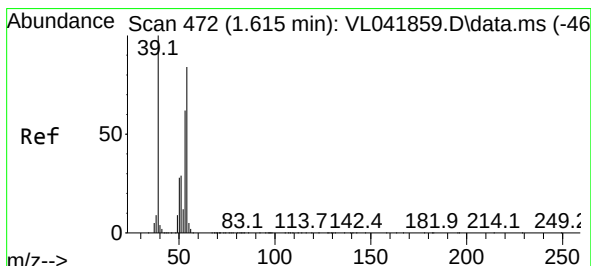
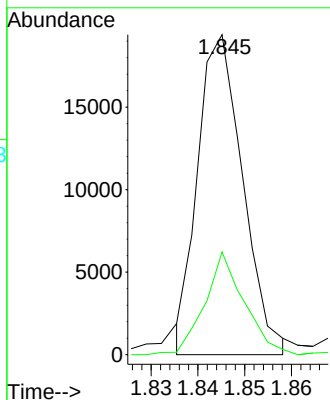
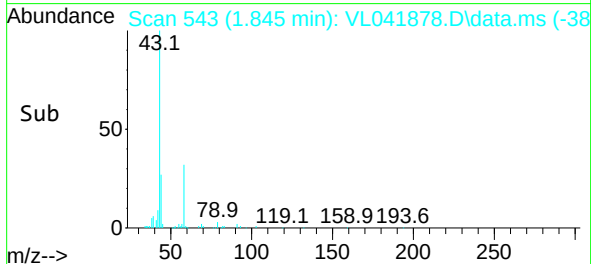
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



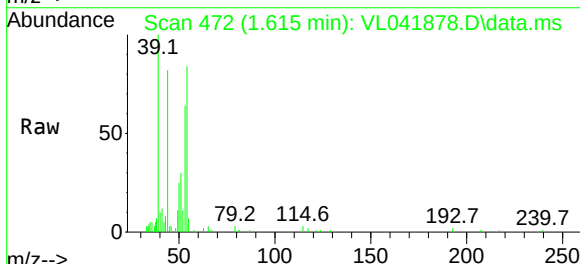
Tgt Ion: 43 Resp: 12978
Ion Ratio Lower Upper
43 100
58 29.8 22.7 34.1

Manual Integrations
APPROVED

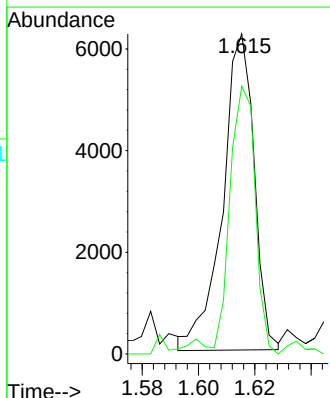
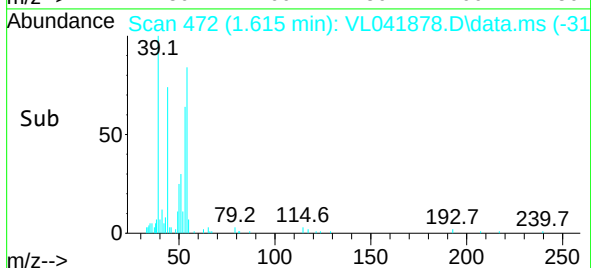
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

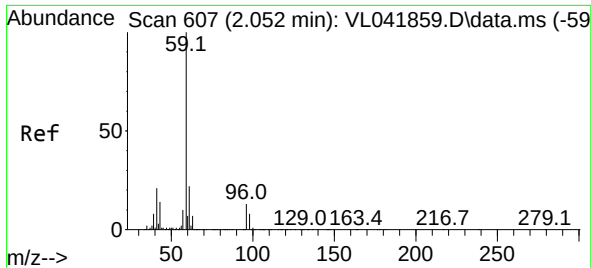


#16
1,3-Butadiene
Concen: 0.537 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



Tgt Ion: 39 Resp: 4840
Ion Ratio Lower Upper
39 100
54 74.6 60.1 90.1





#17

tert-Butyl alcohol

Concen: 0.451 ppbv

RT: 2.052 min Scan# 607

Delta R.T. -0.000 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 59 Resp: 10740

Ion Ratio Lower Upper

59 100

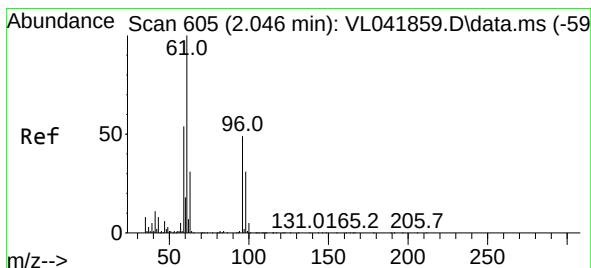
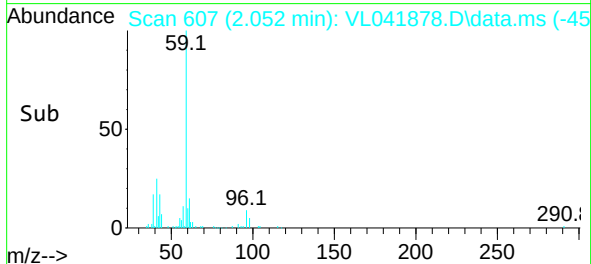
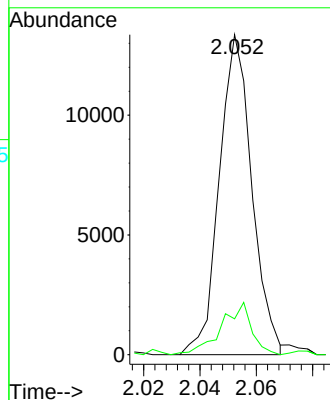
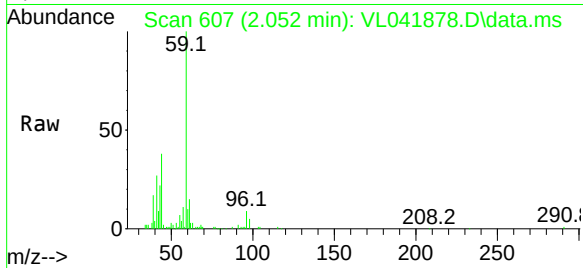
57 16.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#18

1,1-Dichloroethene

Concen: 0.529 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

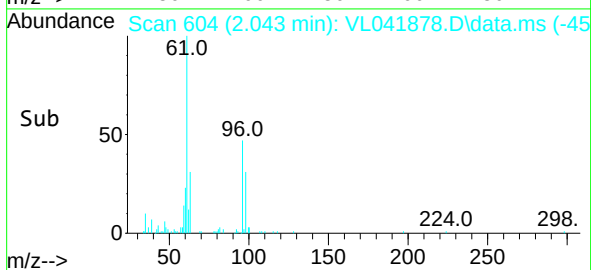
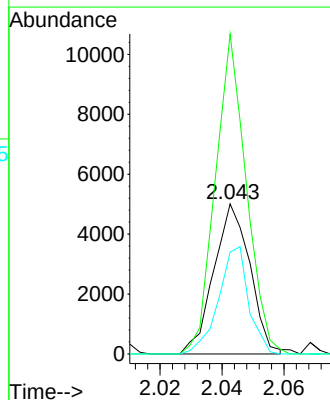
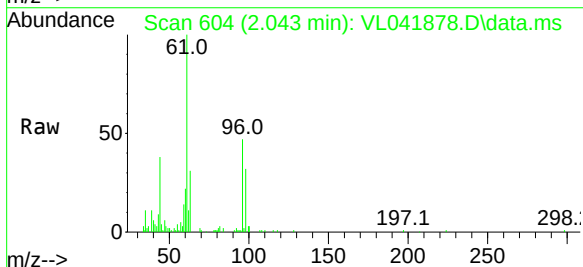
Tgt Ion: 96 Resp: 4061

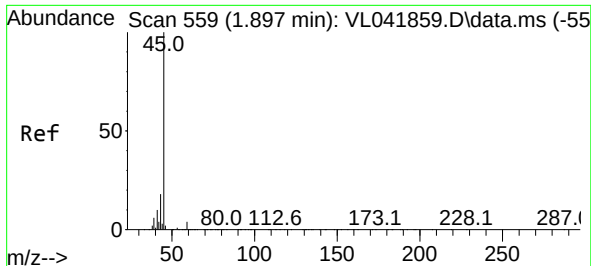
Ion Ratio Lower Upper

96 100

61 213.2 161.7 242.5

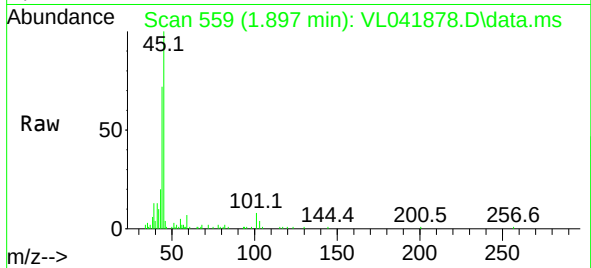
98 67.7 51.0 76.4





#19
Isopropyl Alcohol
Concen: 0.597 ppbv
RT: 1.897 min Scan# 559
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

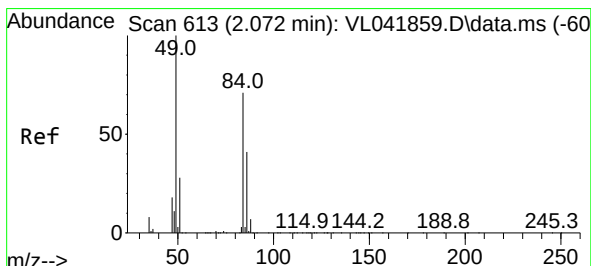
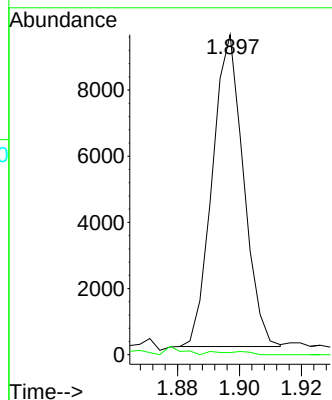
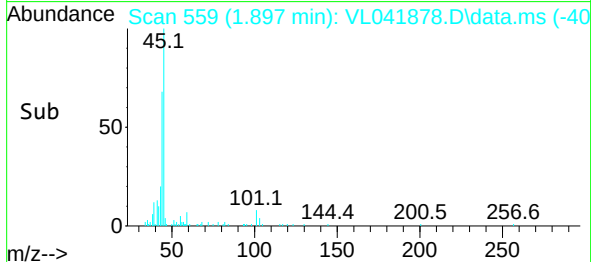
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



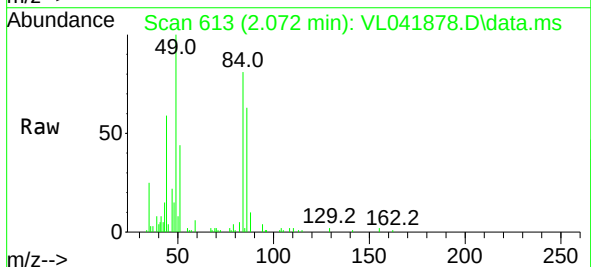
Tgt Ion: 45 Resp: 6579
Ion Ratio Lower Upper
45 100
58 56.3 37.0 55.6

Manual Integrations
APPROVED

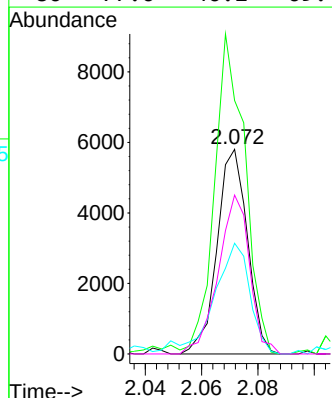
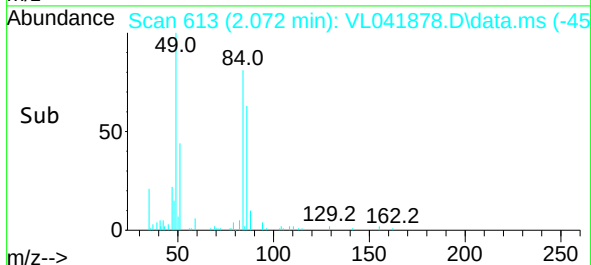
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

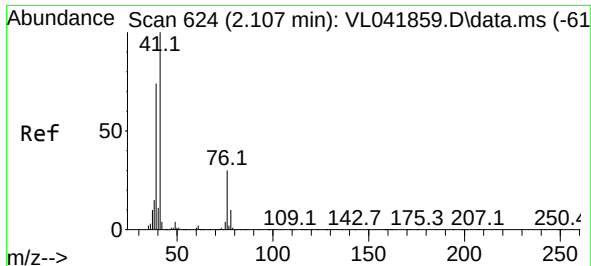


#20
Methylene Chloride
Concen: 0.608 ppbv
RT: 2.072 min Scan# 613
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



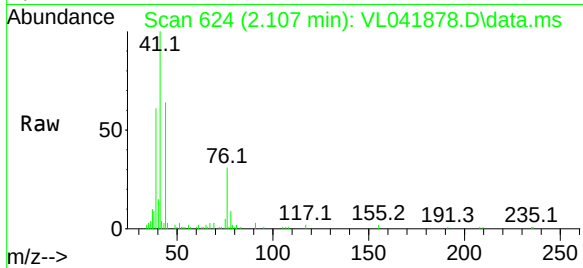
Tgt Ion: 84 Resp: 4351
Ion Ratio Lower Upper
84 100
49 123.8 113.8 170.8
51 54.1 33.5 50.3#
86 77.6 46.2 69.4#





#21
 Allyl Chloride
 Concen: 0.514 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

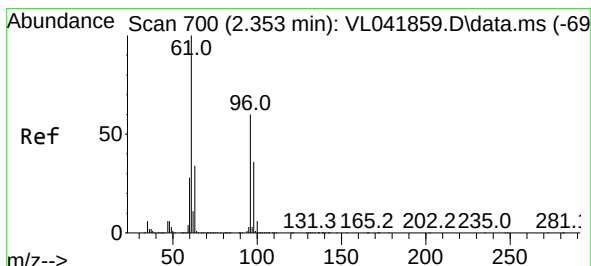
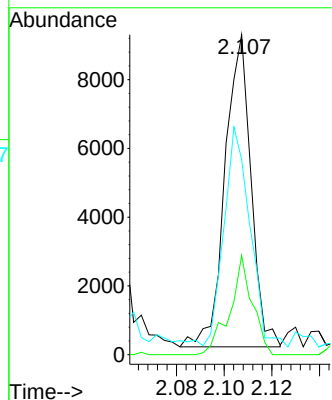
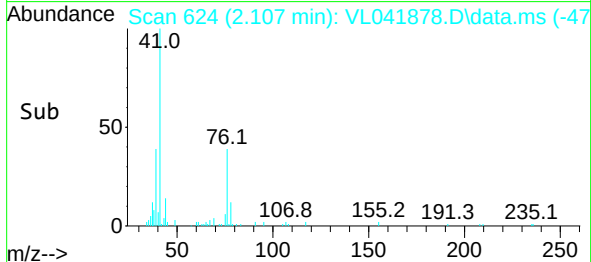
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



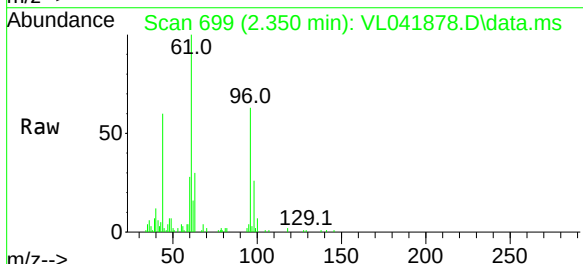
Tgt Ion: 41 Resp: 689
 Ion Ratio Lower Upper
 41 100
 76 27.5 24.6 36.8
 39 77.0 60.1 90.1

Manual Integrations
 APPROVED

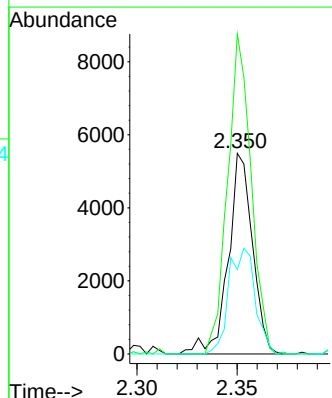
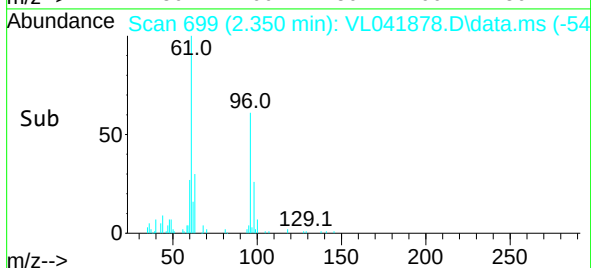
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

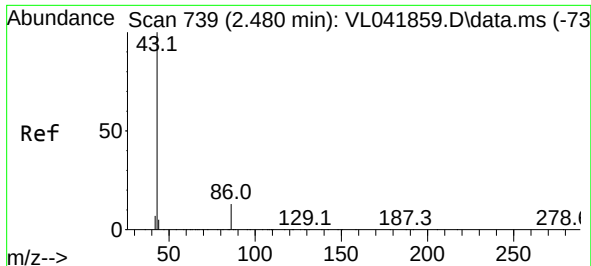


#22
 trans-1,2-Dichloroethene
 Concen: 0.519 ppbv m
 RT: 2.350 min Scan# 699
 Delta R.T. -0.003 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46



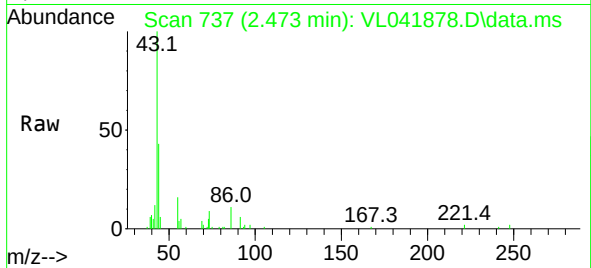
Tgt Ion: 96 Resp: 4612
 Ion Ratio Lower Upper
 96 100
 61 159.5 134.2 201.4
 98 42.1 49.0 73.4#





#23
 Vinyl Acetate
 Concen: 0.471 ppbv m
 RT: 2.473 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

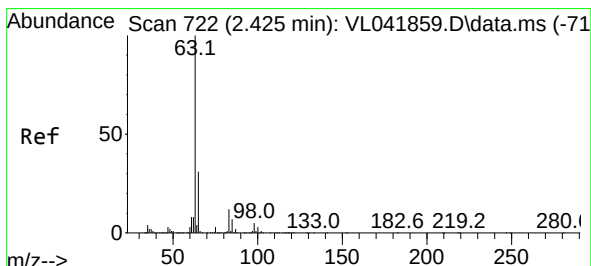
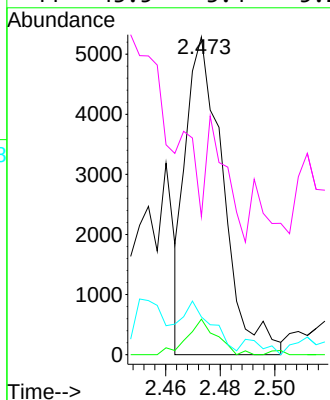
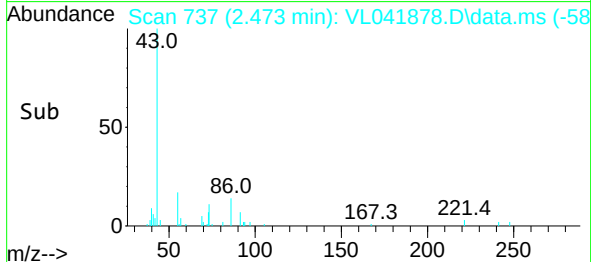
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



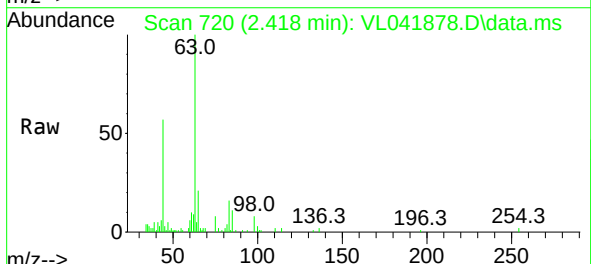
Tgt Ion:	43	Resp:	5004
Ion	Ratio	Lower	Upper
43	100		
86	11.2	7.8	11.6
42	11.9	7.0	10.4
44	43.5	3.4	5.2

Manual Integrations
 APPROVED

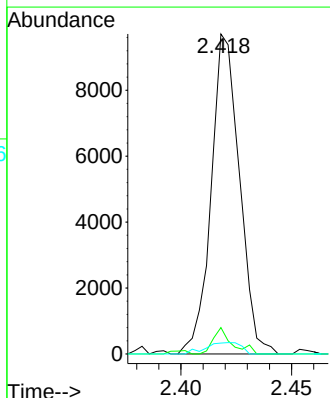
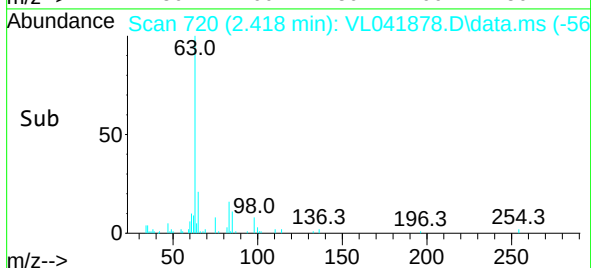
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

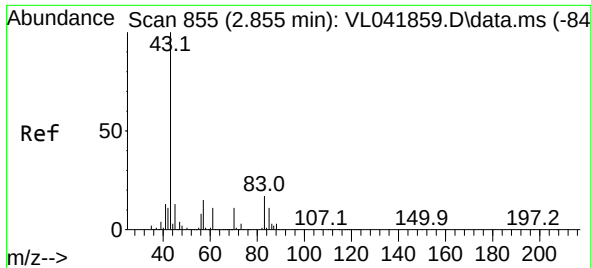


#24
 1,1-Dichloroethane
 Concen: 0.513 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46



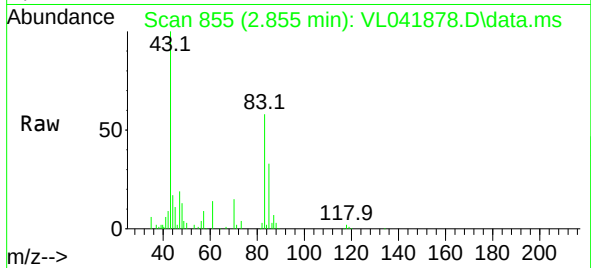
Tgt Ion:	63	Resp:	8636
Ion	Ratio	Lower	Upper
63	100		
98	8.2	2.3	6.9
100	3.4	1.3	3.8





#25
Ethyl Acetate
Concen: 0.451 ppbv
RT: 2.855 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

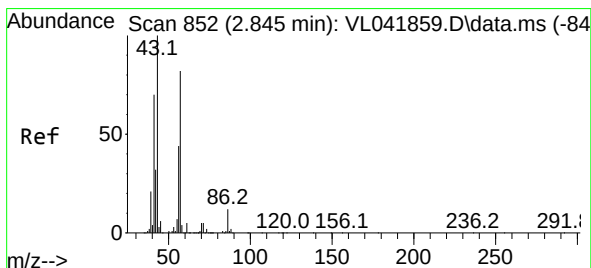
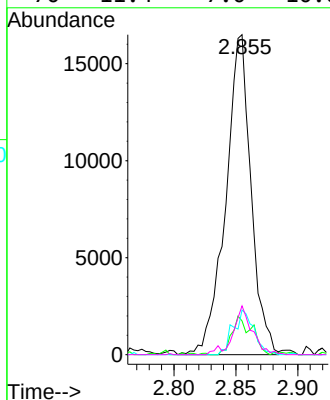
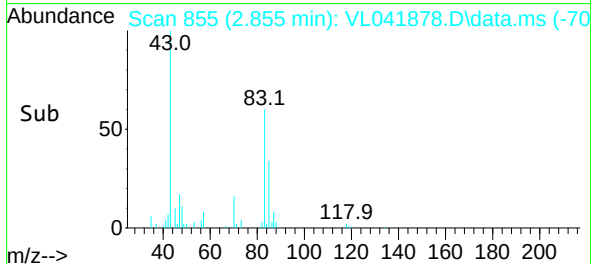
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



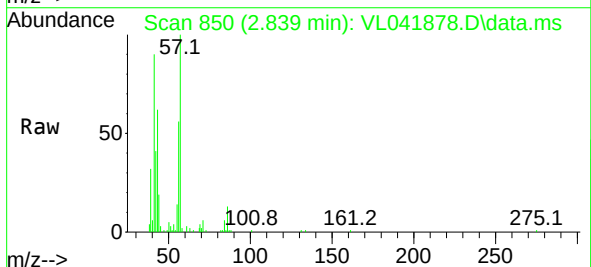
Tgt Ion: 43 Resp: 23509
Ion Ratio Lower Upper
43 100
45 10.1 8.4 12.6
61 11.4 7.3 10.9
70 11.4 7.0 10.6#

Manual Integrations
APPROVED

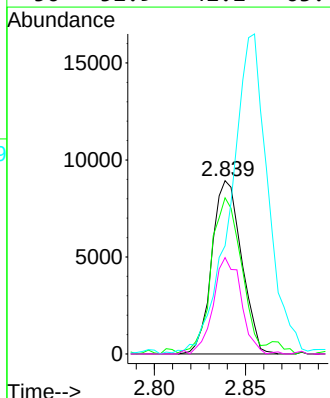
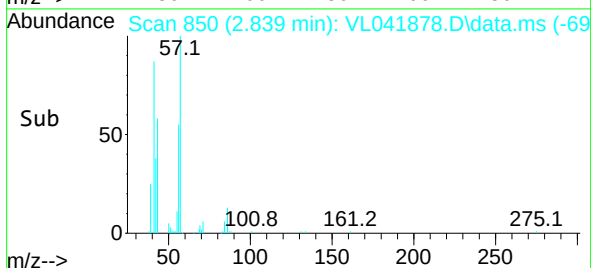
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

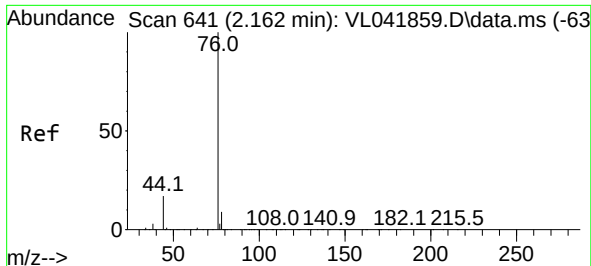


#26
Hexane
Concen: 0.472 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



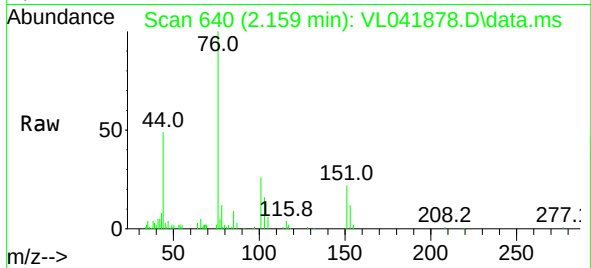
Tgt Ion: 57 Resp: 10116
Ion Ratio Lower Upper
57 100
41 97.5 71.5 107.3
43 230.4 200.2 300.4
56 52.9 42.2 63.4





#27
Carbon Disulfide
Concen: 0.453 ppbv
RT: 2.159 min Scan# 641
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

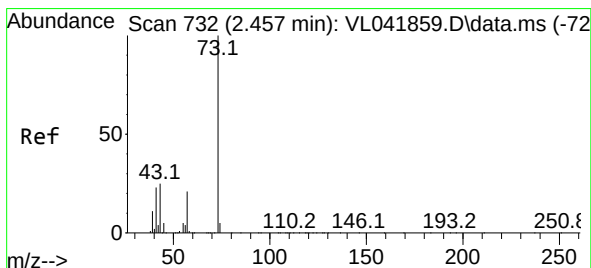
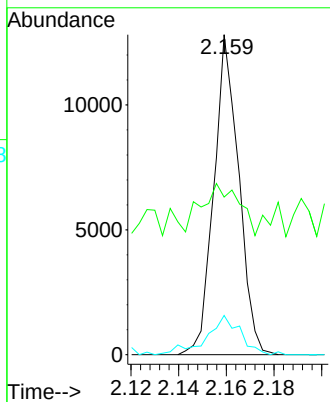
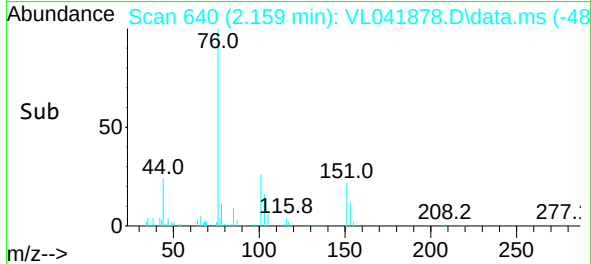
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 76 Resp: 929
Ion Ratio Lower Upper
76 100
44 169.9 13.1 19.7
78 16.8 9.5 14.3

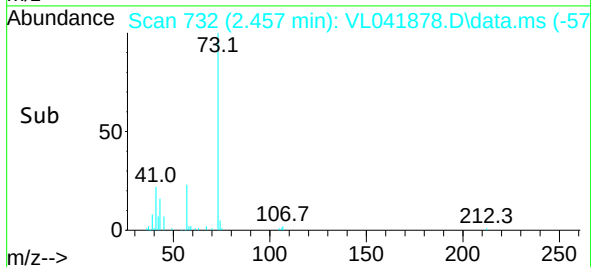
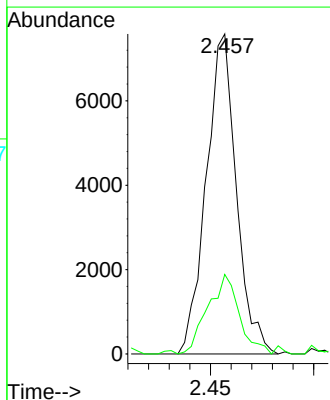
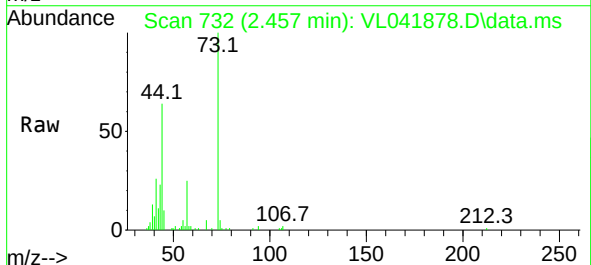
Manual Integrations
APPROVED

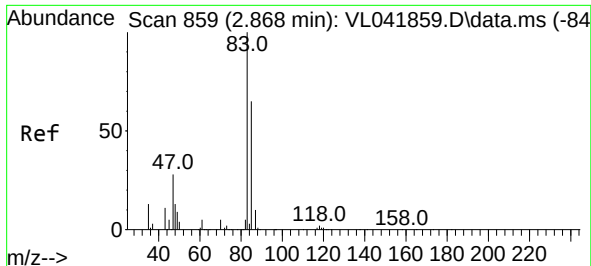
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#28
Methyl tert-Butyl Ether
Concen: 0.470 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 73 Resp: 7694
Ion Ratio Lower Upper
73 100
57 26.9 17.5 26.3





#29

Chloroform

Concen: 0.503 ppbv

RT: 2.858 min Scan# 859

Delta R.T. -0.010 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 83 Resp: 15090

Ion Ratio Lower Upper

83 100

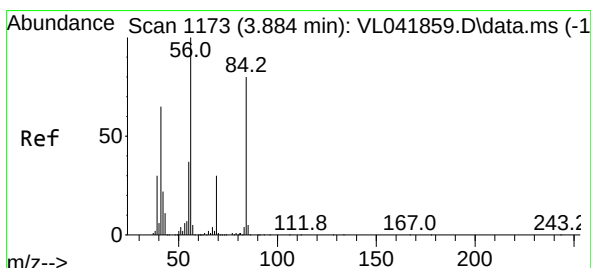
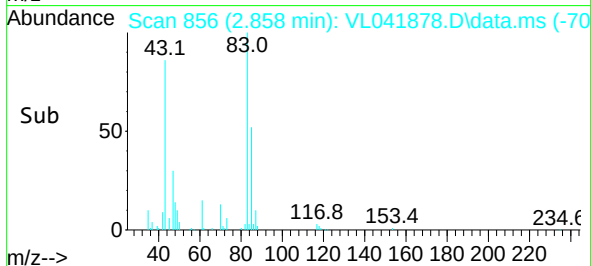
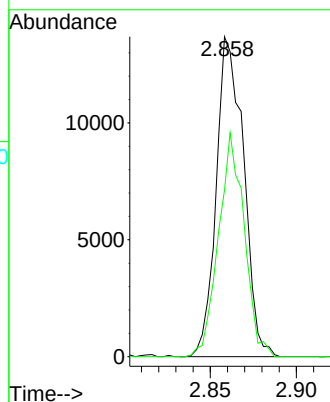
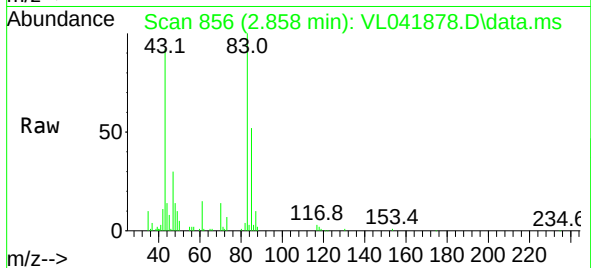
85 52.1 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#30

Cyclohexane

Concen: 0.472 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. -0.010 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

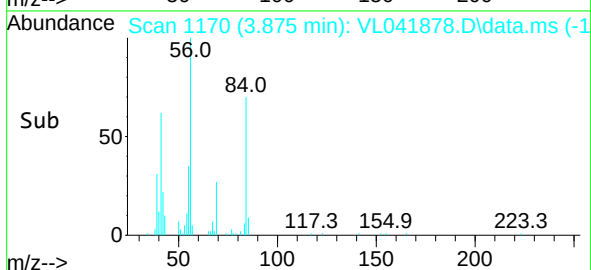
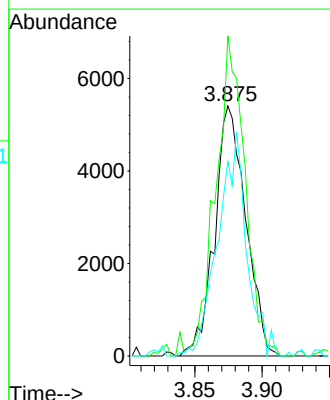
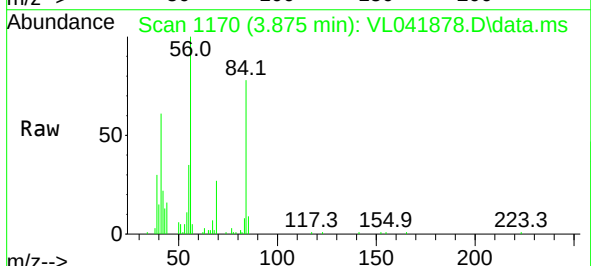
Tgt Ion: 84 Resp: 8682

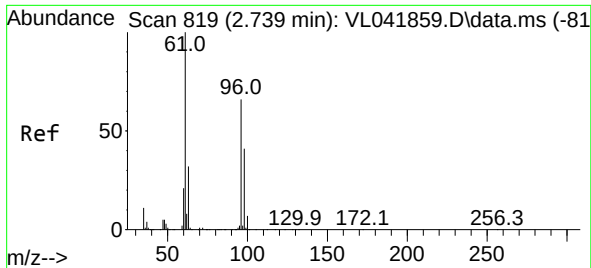
Ion Ratio Lower Upper

84 100

56 122.7 100.7 151.1

41 83.6 62.8 94.2





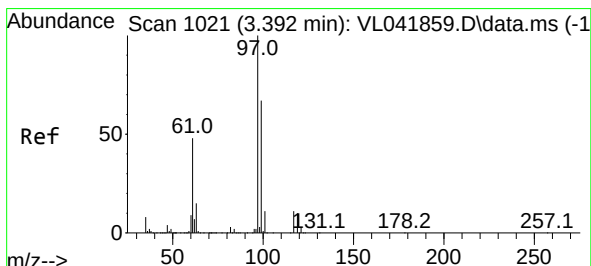
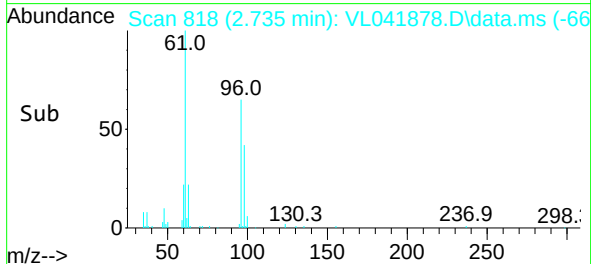
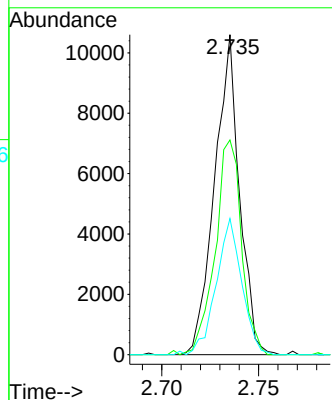
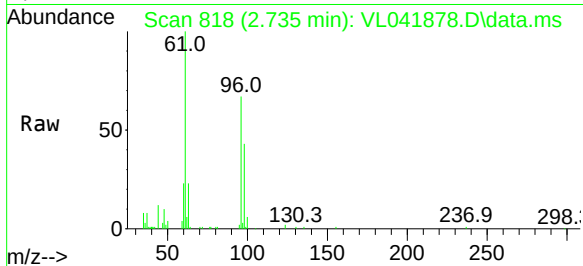
#31
 cis-1,2-Dichloroethene
 Concen: 0.453 ppbv
 RT: 2.735 min Scan# 819
 Delta R.T. -0.003 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Tgt Ion: 61 Resp: 948
 Ion Ratio Lower Upper
 61 100
 96 67.1 53.2 79.8
 98 42.6 32.5 48.7

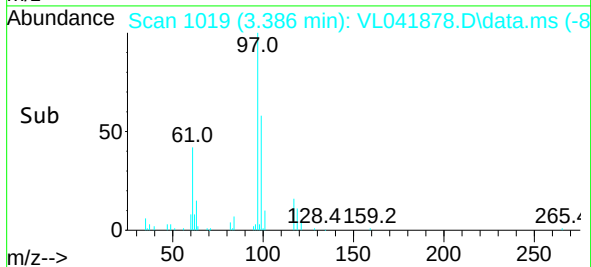
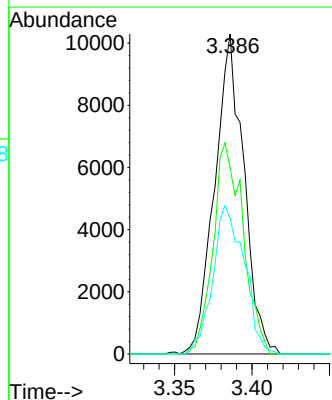
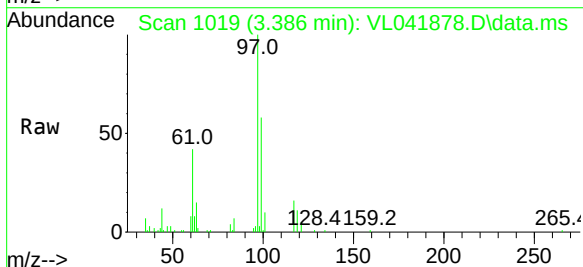
Manual Integrations
 APPROVED

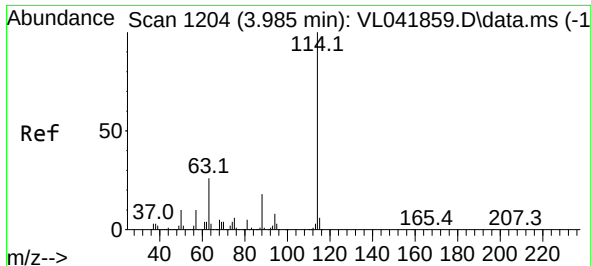
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.452 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

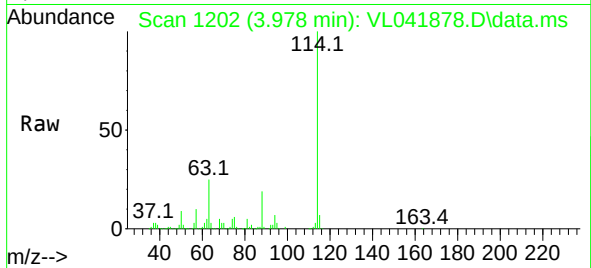
Tgt Ion: 97 Resp: 13475
 Ion Ratio Lower Upper
 97 100
 99 67.7 52.0 78.0
 61 50.1 38.8 58.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 114
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

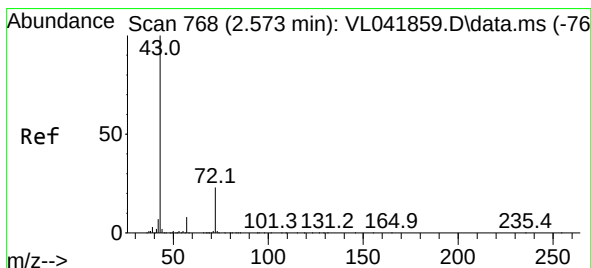
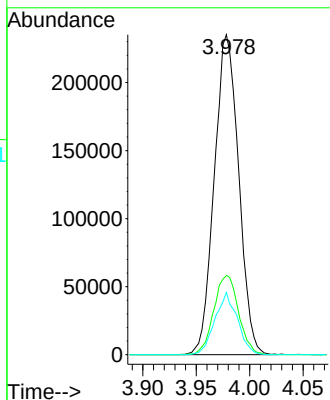
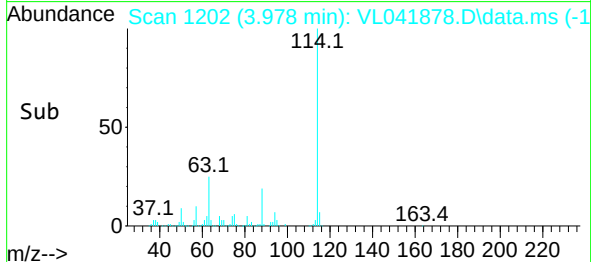
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:114 Resp: 37335
Ion Ratio Lower Upper
114 100
63 25.2 20.3 30.5
88 17.9 14.6 21.8

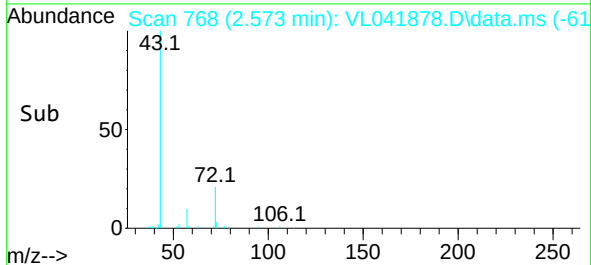
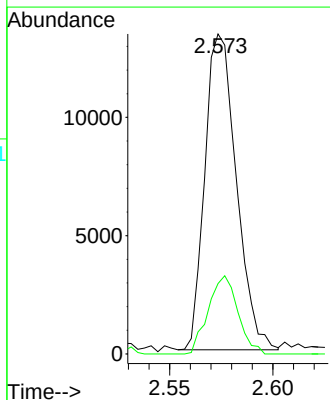
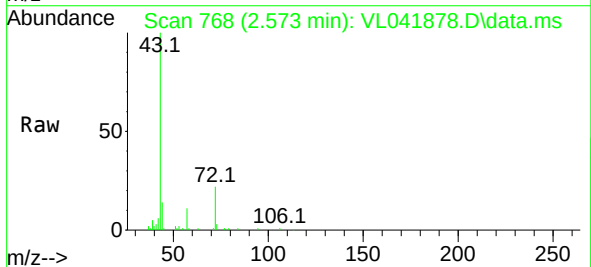
Manual Integrations
APPROVED

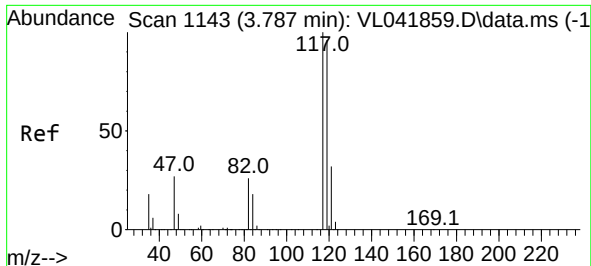
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#34
2-Butanone
Concen: 0.457 ppbv
RT: 2.573 min Scan# 768
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

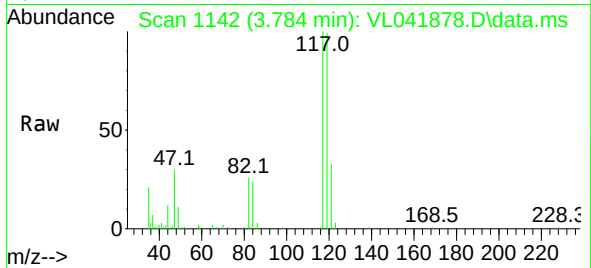
Tgt Ion: 43 Resp: 14173
Ion Ratio Lower Upper
43 100
72 23.2 18.5 27.7





#35
Carbon Tetrachloride
Concen: 0.421 ppbv
RT: 3.784 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

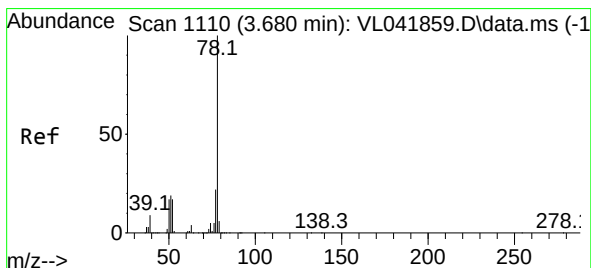
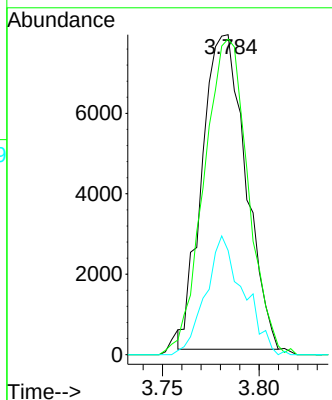
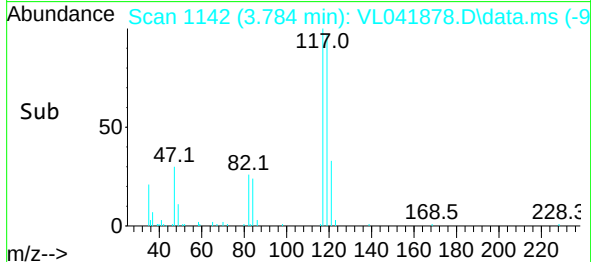
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



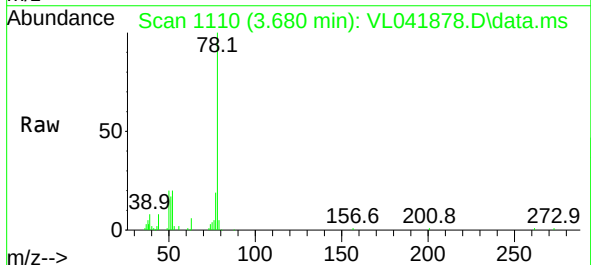
Tgt Ion: 117 Resp: 1222
Ion Ratio Lower Upper
117 100
119 97.5 76.9 115.3
121 33.1 25.9 38.9

Manual Integrations
APPROVED

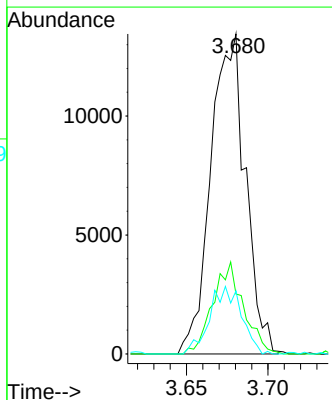
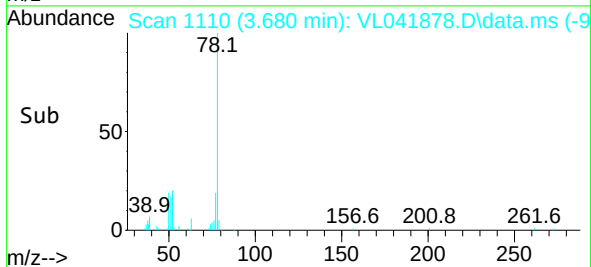
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

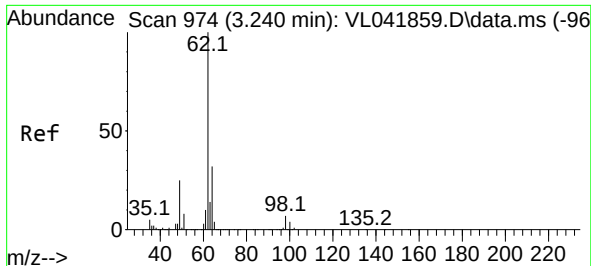


#36
Benzene
Concen: 0.458 ppbv
RT: 3.680 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



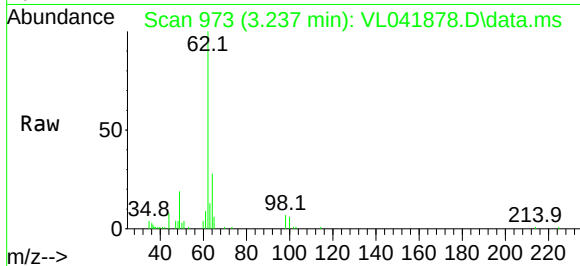
Tgt Ion: 78 Resp: 19856
Ion Ratio Lower Upper
78 100
77 18.8 17.9 26.9
50 19.7 13.7 20.5





#37
1,2-Dichloroethane
Concen: 0.539 ppbv
RT: 3.237 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

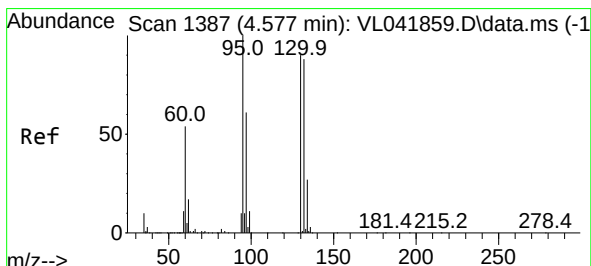
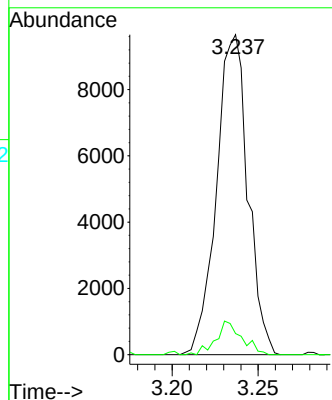
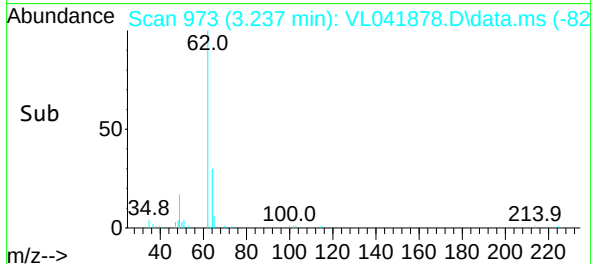
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 62 Resp: 12249
Ion Ratio Lower Upper
62 100
98 8.8 5.6 8.4

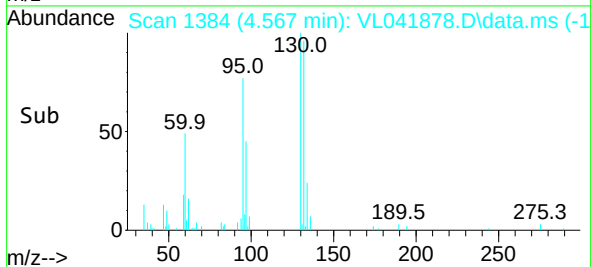
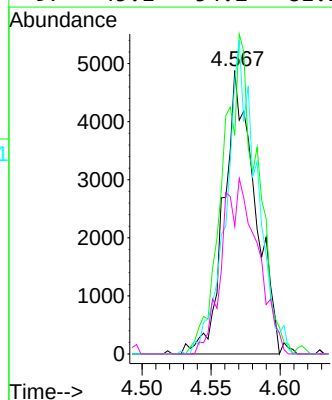
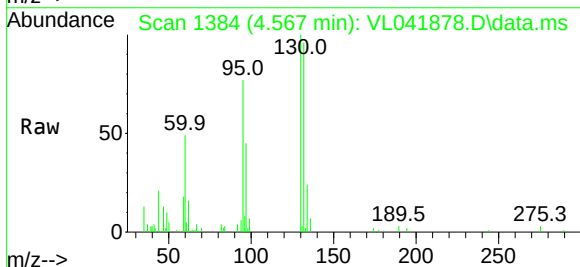
Manual Integrations
APPROVED

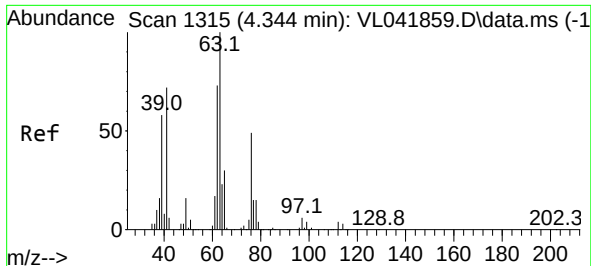
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#38
Trichloroethene
Concen: 0.448 ppbv m
RT: 4.567 min Scan# 1384
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion:130 Resp: 7658
Ion Ratio Lower Upper
130 100
95 77.1 88.5 132.7#
132 96.2 78.2 117.2
97 45.1 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 0.486 ppbv m

RT: 4.337 min Scan# 1

Delta R.T. -0.007 min

Lab File: VL041878.D

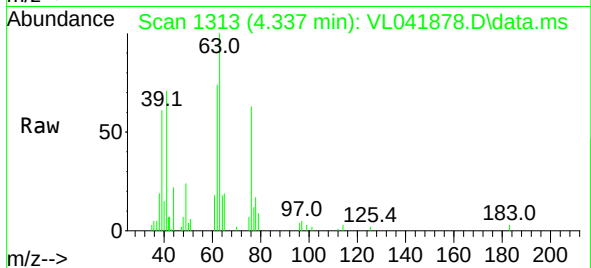
Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion: 63 Resp: 7489

Ion Ratio Lower Upper

63 100

41 71.0 58.0 87.0

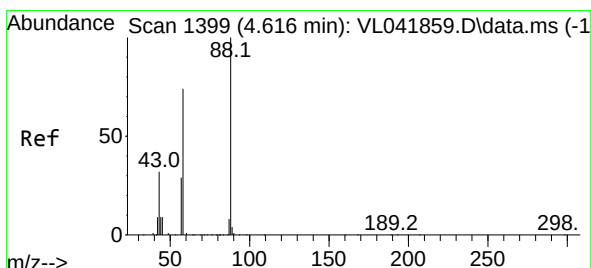
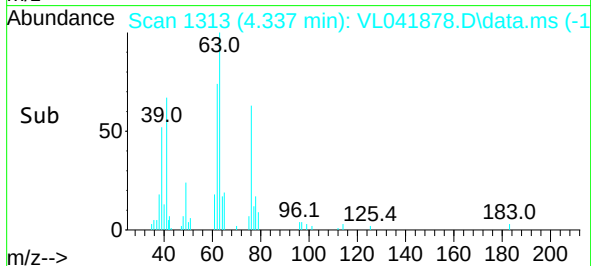
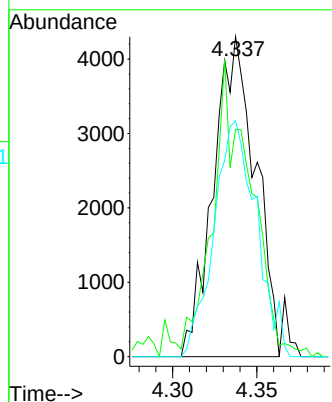
62 73.8 58.6 87.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#40

1,4-Dioxane

Concen: 0.448 ppbv m

RT: 4.629 min Scan# 1403

Delta R.T. 0.013 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Tgt Ion: 88 Resp: 3469

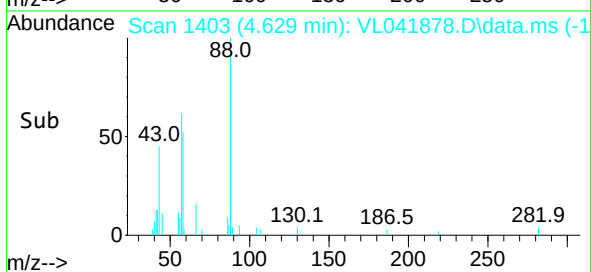
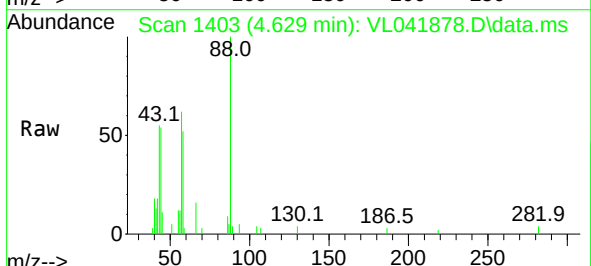
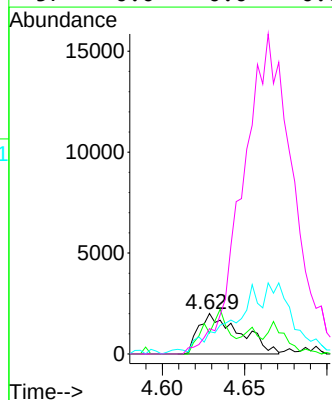
Ion Ratio Lower Upper

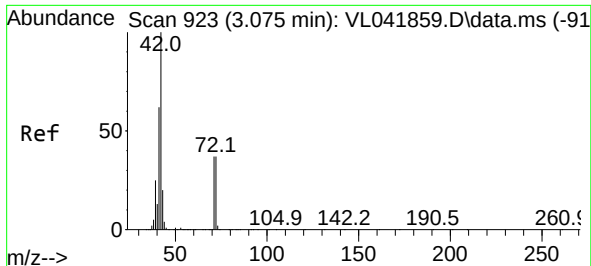
88 100

58 124.5 52.2 78.4#

43 12.3 0.0 0.0#

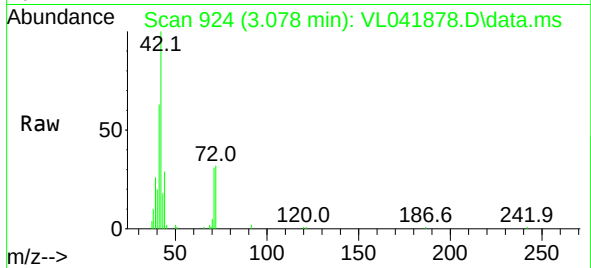
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.433 ppbv m
RT: 3.078 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

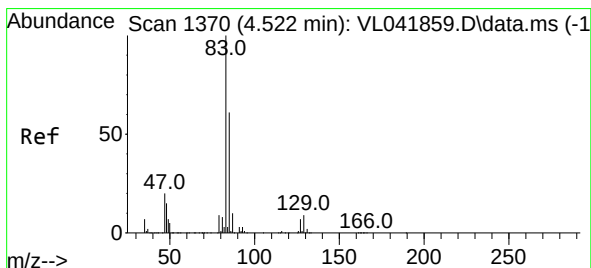
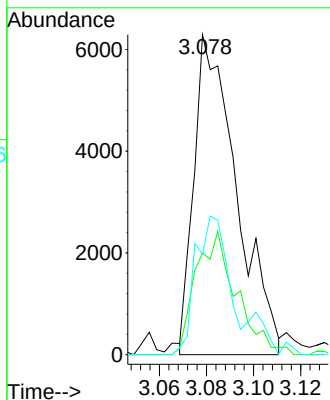
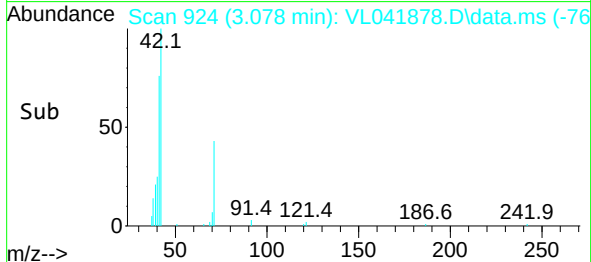
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 42 Resp: 788
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2
71 0.0 30.1 45.1

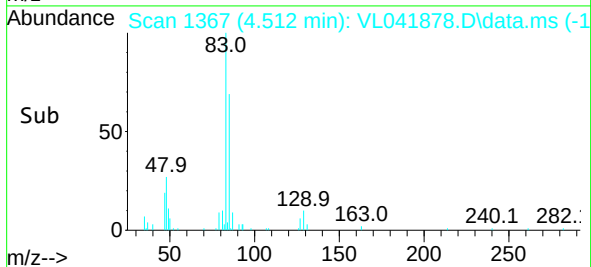
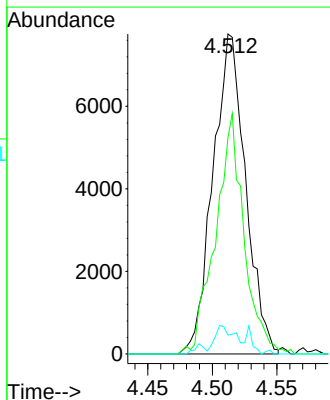
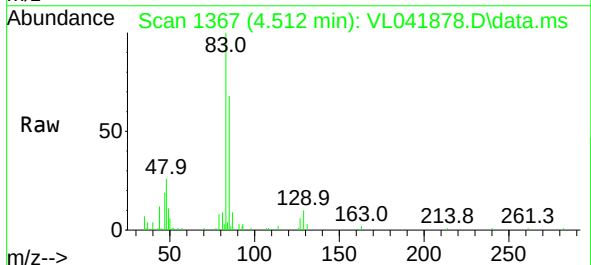
Manual Integrations
APPROVED

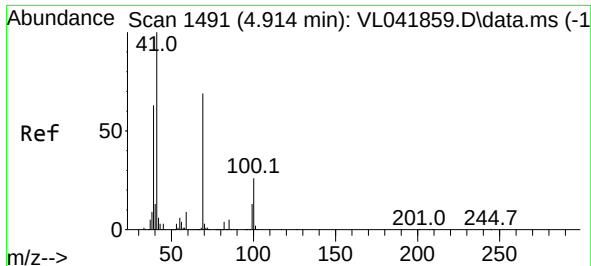
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#42
Bromodichloromethane
Concen: 0.436 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 83 Resp: 13602
Ion Ratio Lower Upper
83 100
85 67.6 48.9 73.3
127 5.9 5.4 8.2





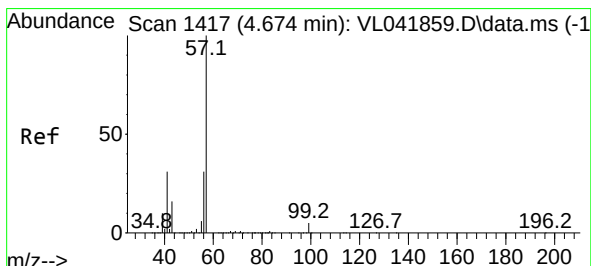
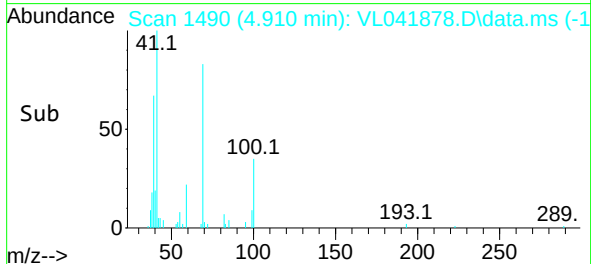
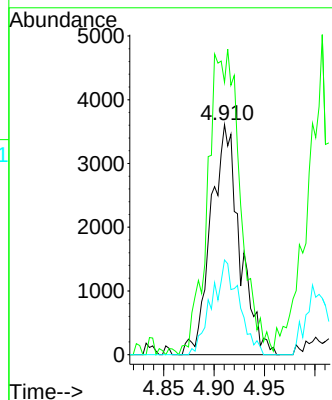
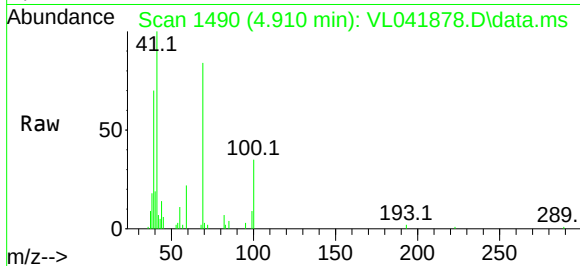
#43
Methyl Methacrylate
Concen: 0.407 ppbv m
RT: 4.910 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 69 Resp: 722
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4
100 0.0 29.8 44.8

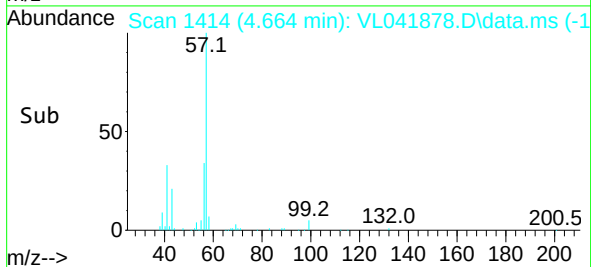
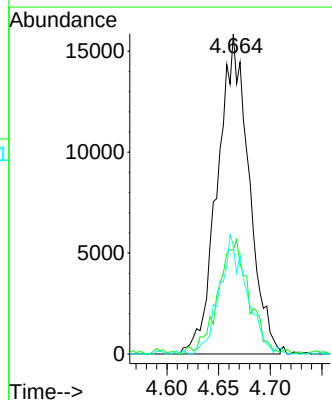
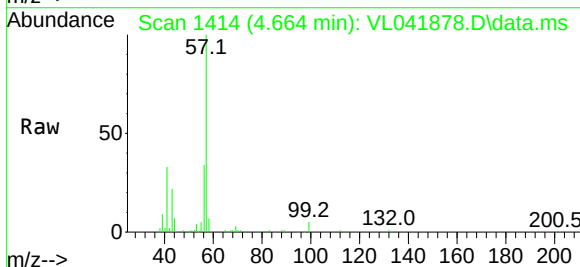
Manual Integrations
APPROVED

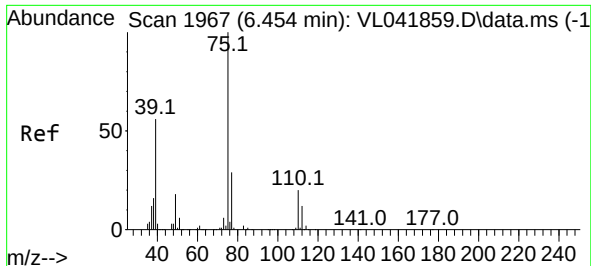
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 0.459 ppbv
RT: 4.664 min Scan# 1414
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

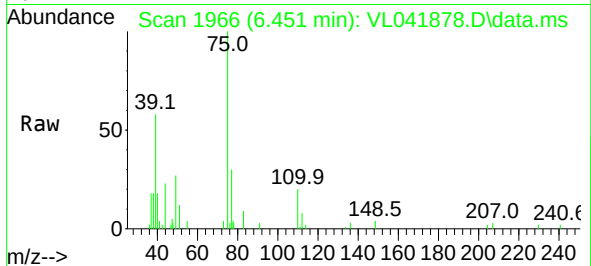
Tgt Ion: 57 Resp: 33556
Ion Ratio Lower Upper
57 100
41 36.7 25.5 38.3
56 32.5 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 0.364 ppbv m
RT: 6.451 min Scan# 1967
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

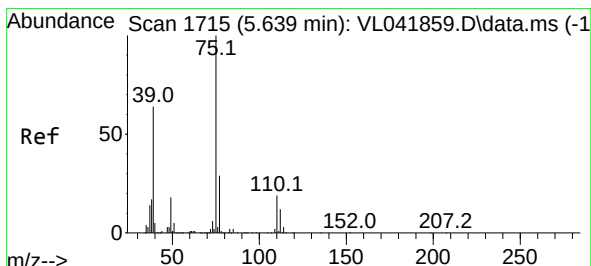
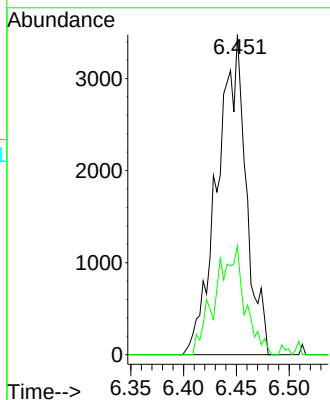
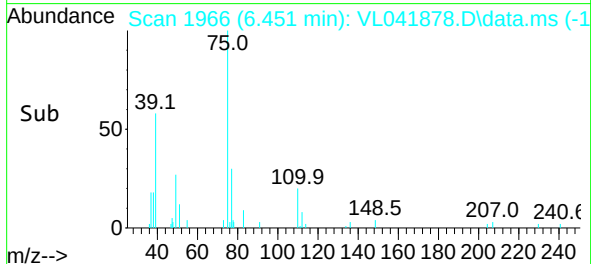
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 75 Resp: 6604
Ion Ratio Lower Upper
75 100
77 30.1 23.4 35.2

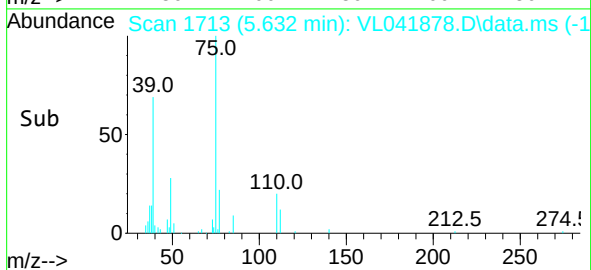
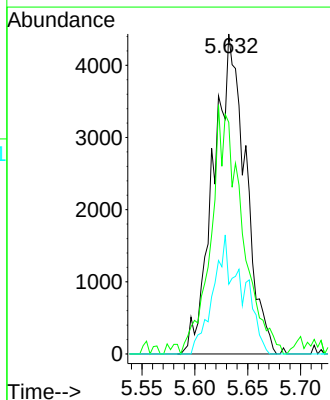
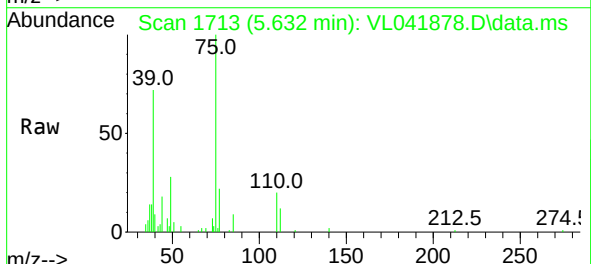
Manual Integrations
APPROVED

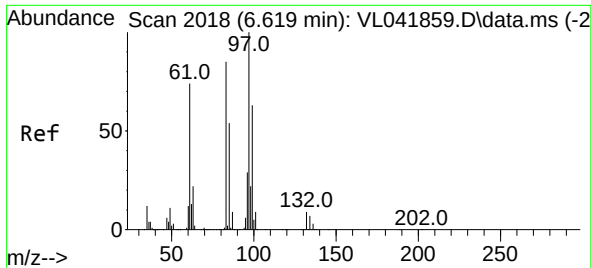
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#46
cis-1,3-Dichloropropene
Concen: 0.402 ppbv m
RT: 5.632 min Scan# 1713
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

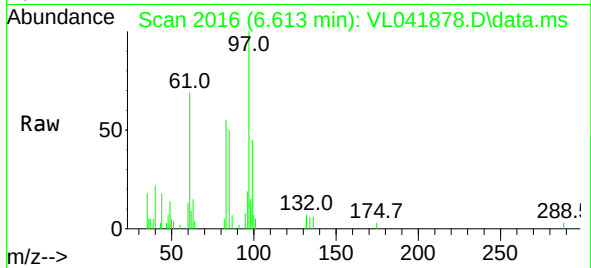
Tgt Ion: 75 Resp: 9355
Ion Ratio Lower Upper
75 100
39 72.4 51.4 77.2
77 21.8 23.0 34.4#





#47
1,1,2-Trichloroethane
Concen: 0.515 ppbv m
RT: 6.613 min Scan# 2018
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

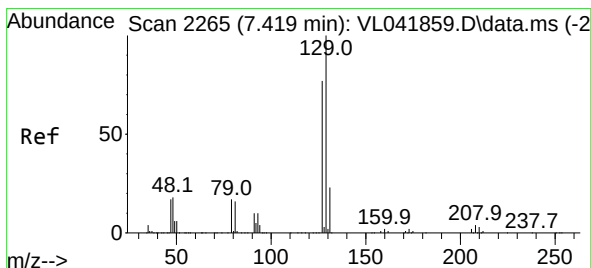
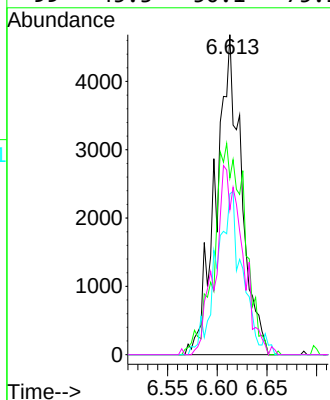
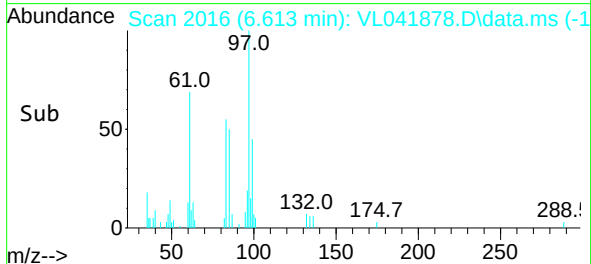
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 97 Resp: 835
Ion Ratio Lower Upper
97 100
83 55.2 68.1 102.1
85 50.3 43.4 65.2
99 45.3 50.1 75.1#

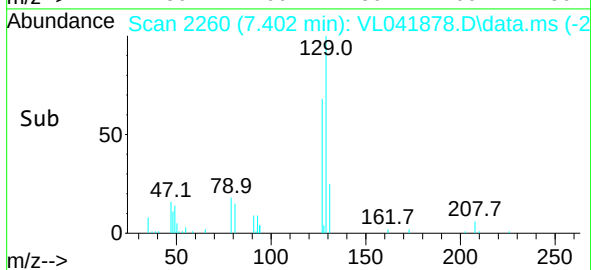
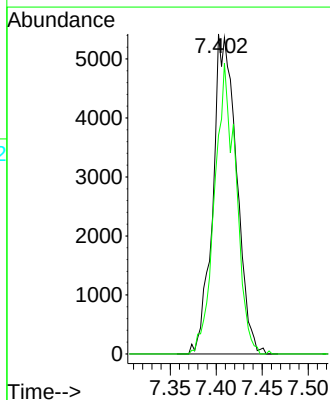
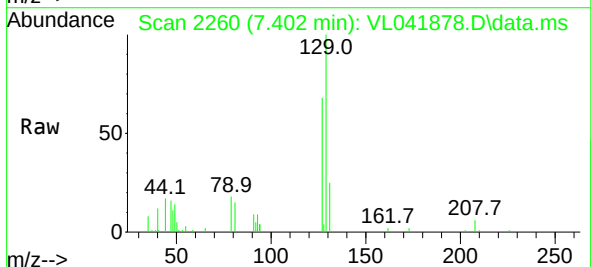
Manual Integrations
APPROVED

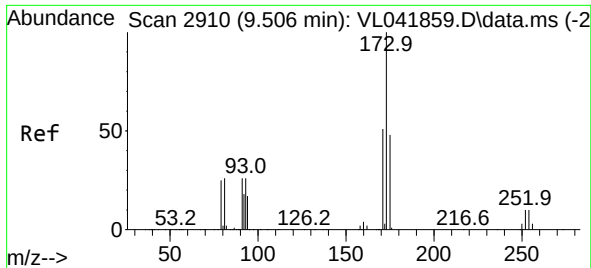
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#48
Dibromochloromethane
Concen: 0.395 ppbv m
RT: 7.402 min Scan# 2260
Delta R.T. -0.016 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

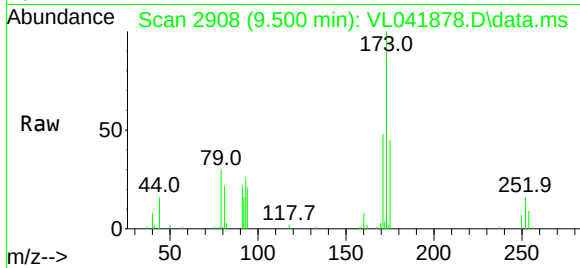
Tgt Ion:129 Resp: 9716
Ion Ratio Lower Upper
129 100
127 82.0 39.4 118.1





#49
Bromoform
Concen: 0.347 ppbv
RT: 9.500 min Scan# 2910
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

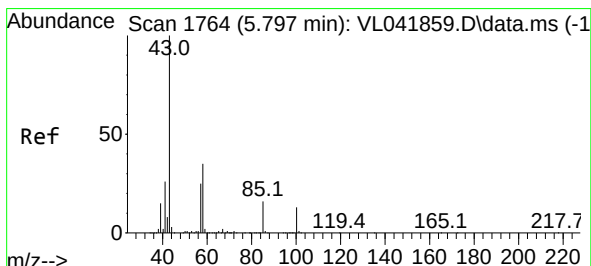
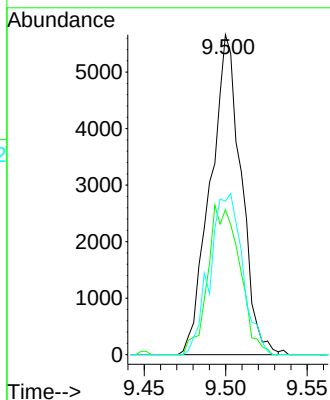
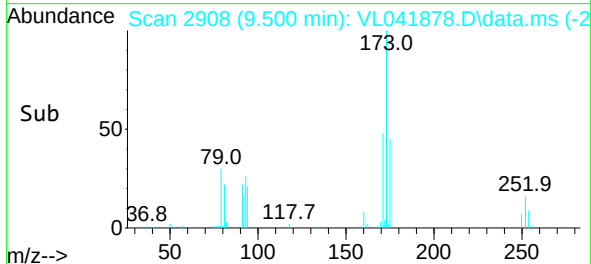
Instrument : MSVOA_L
ClientSampleId :
MDL 0.4



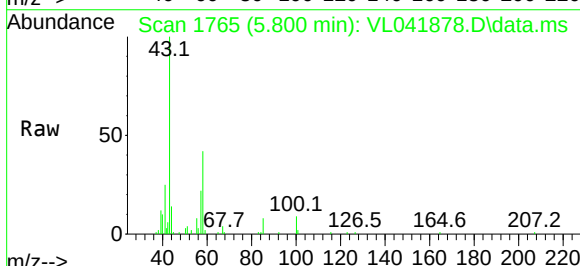
Tgt Ion: 173 Resp: 7434
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
171 53.5 41.3 61.9

Manual Integrations
APPROVED

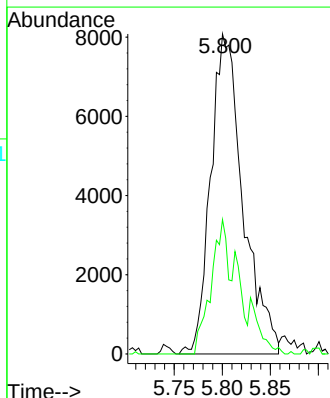
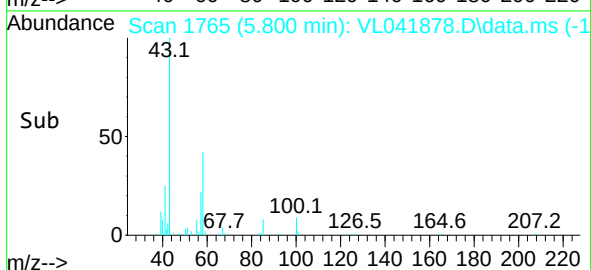
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

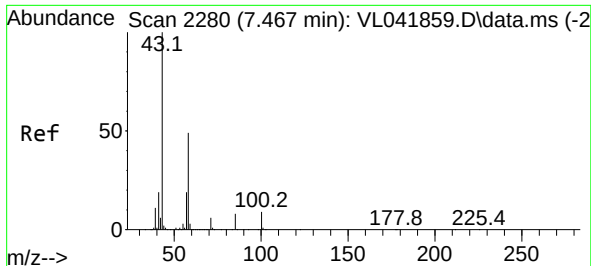


#50
4-Methyl-2-Pentanone
Concen: 0.426 ppbv m
RT: 5.800 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



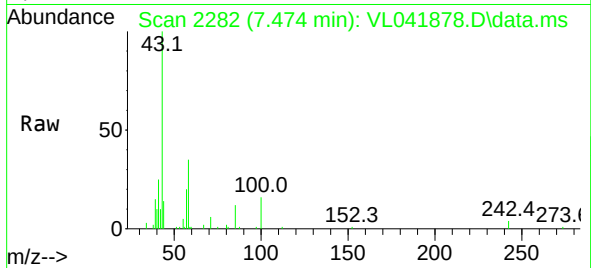
Tgt Ion: 43 Resp: 18888
Ion Ratio Lower Upper
43 100
58 37.5 29.4 44.2





#51
2-Hexanone
Concen: 0.383 ppbv m
RT: 7.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

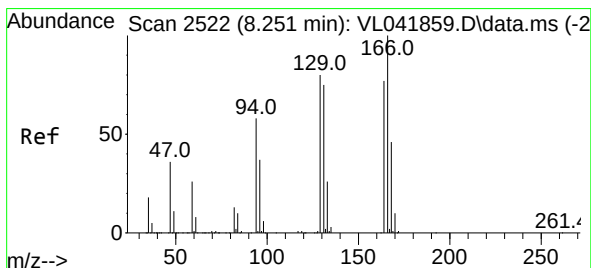
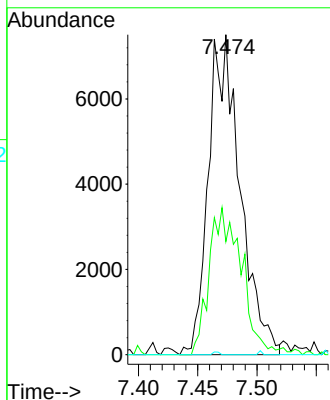
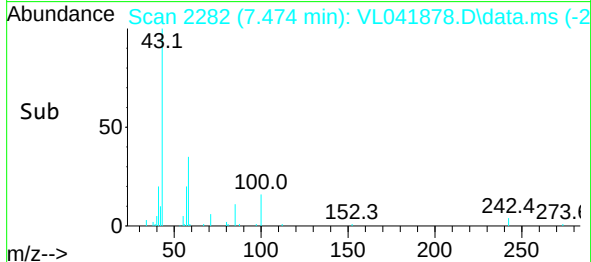
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.0 0.1 0.1

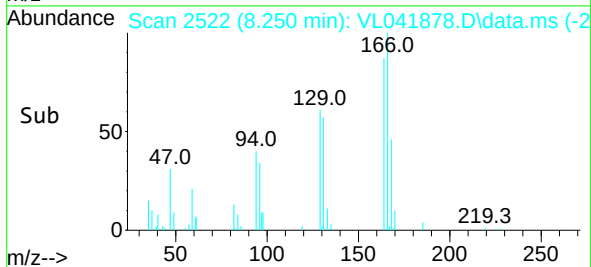
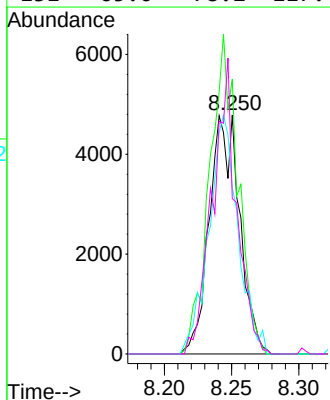
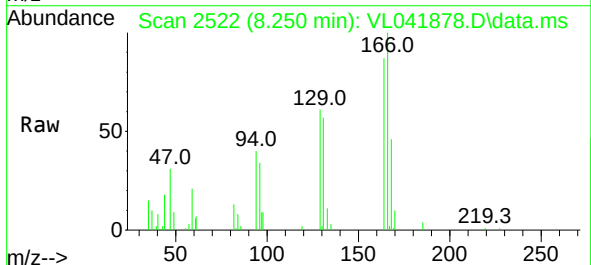
Manual Integrations
APPROVED

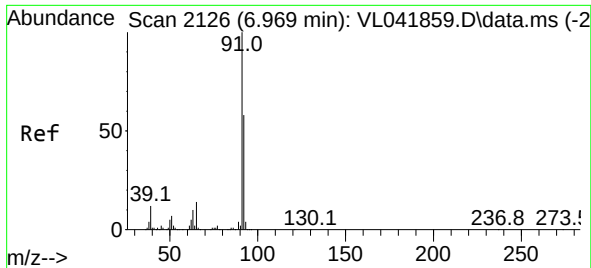
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#52
Tetrachloroethene
Concen: 0.450 ppbv m
RT: 8.250 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion:164 Resp: 7465
Ion Ratio Lower Upper
164 100
166 115.0 103.6 155.4
129 69.7 82.6 123.8#
131 65.0 78.2 117.4#





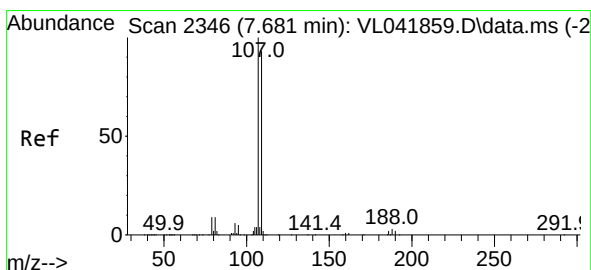
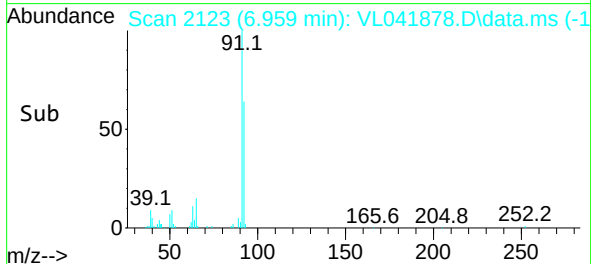
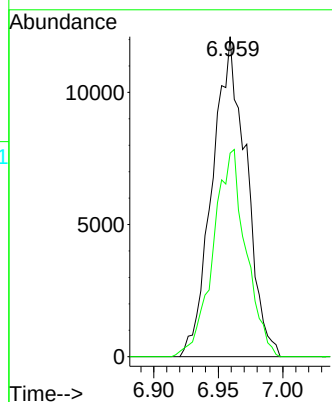
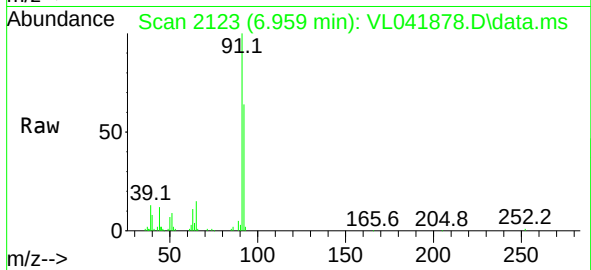
#53
Toluene
Concen: 0.429 ppbv
RT: 6.959 min Scan# 2126
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 91 Resp: 22124
Ion Ratio Lower Upper
91 100
92 62.5 47.2 70.8

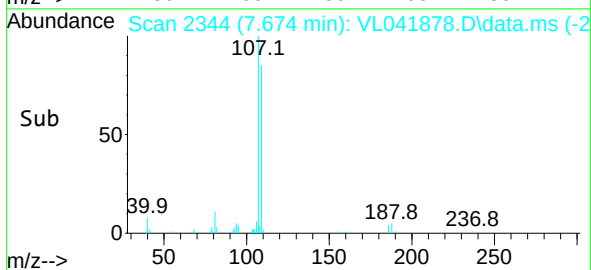
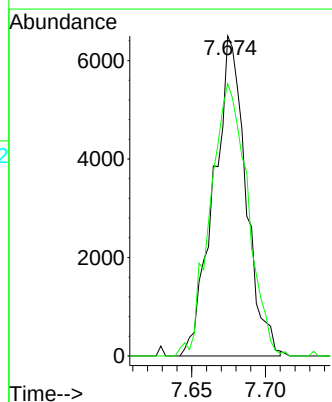
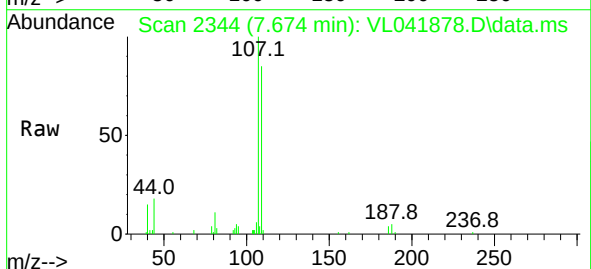
Manual Integrations
APPROVED

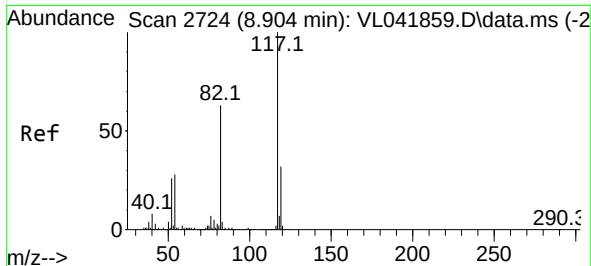
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#54
1,2-Dibromoethane
Concen: 0.447 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

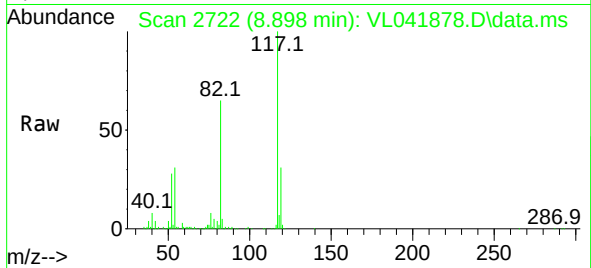
Tgt Ion:107 Resp: 9847
Ion Ratio Lower Upper
107 100
109 84.3 74.6 112.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

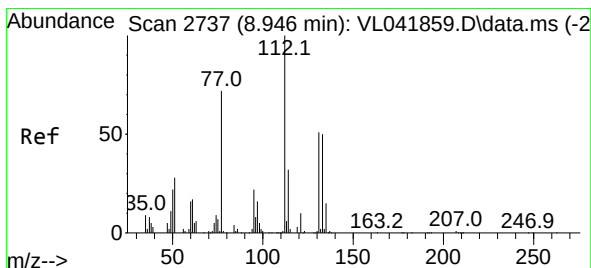
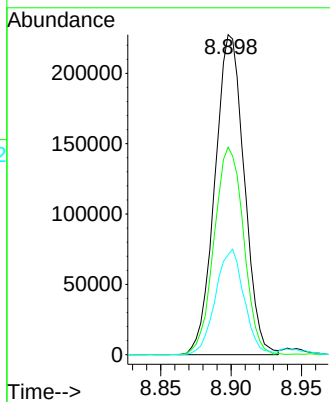
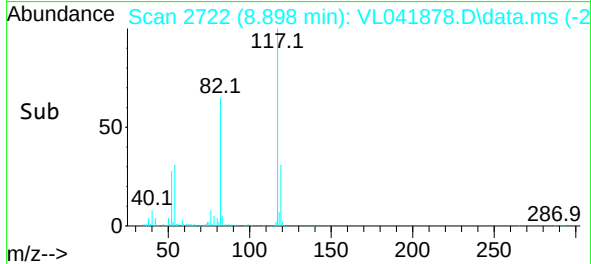
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:117 Resp: 329798
Ion Ratio Lower Upper
117 100
82 65.3 54.5 81.7
119 33.6 24.6 37.0

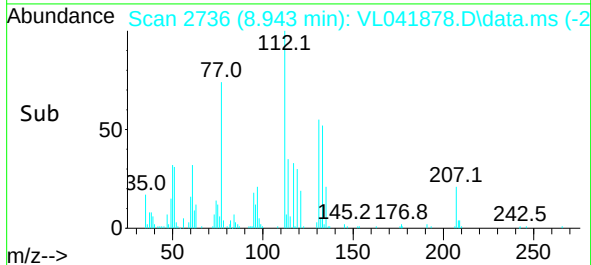
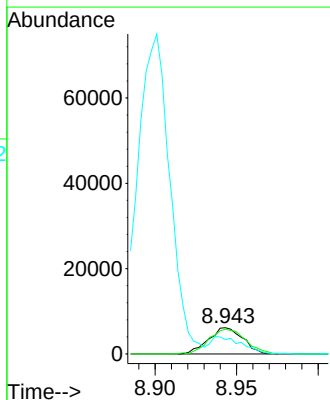
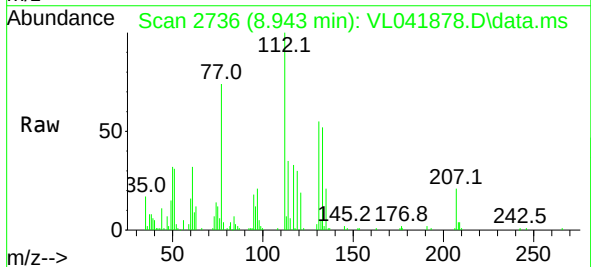
Manual Integrations
APPROVED

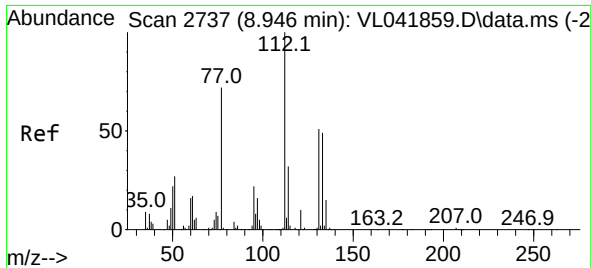
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.459 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

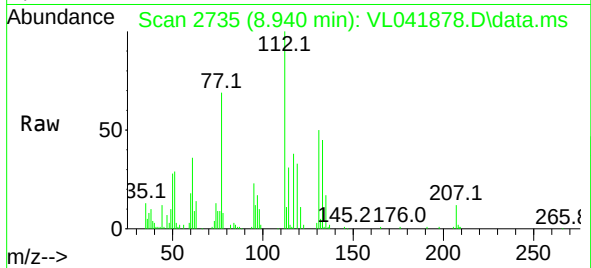
Tgt Ion:131 Resp: 9018
Ion Ratio Lower Upper
131 100
133 101.3 77.4 116.2
119 1230.1 49.4 74.0#





#57
Chlorobenzene
Concen: 0.483 ppbv
RT: 8.940 min Scan# 2176
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

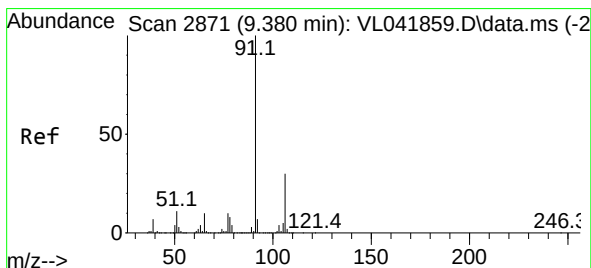
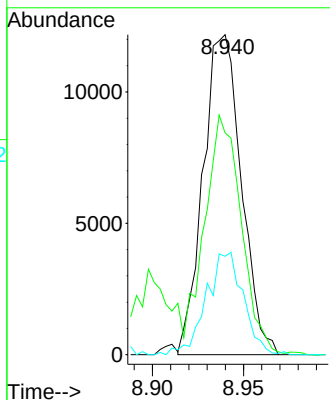
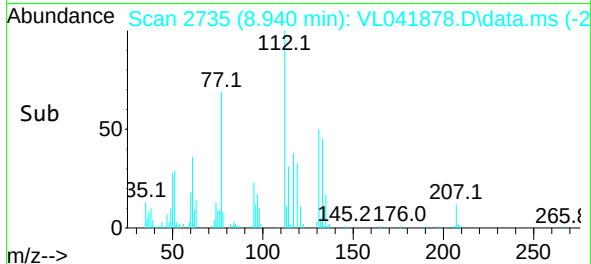
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



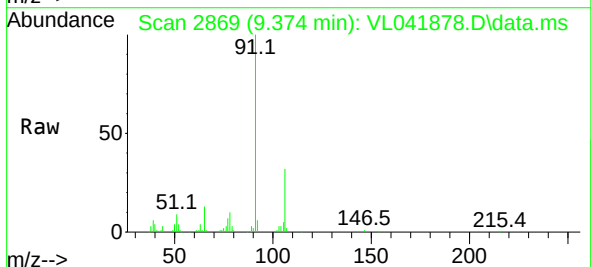
Tgt Ion:112 Resp: 17769
Ion Ratio Lower Upper
112 100
77 68.4 58.3 87.5
114 30.4 28.9 35.3

Manual Integrations
APPROVED

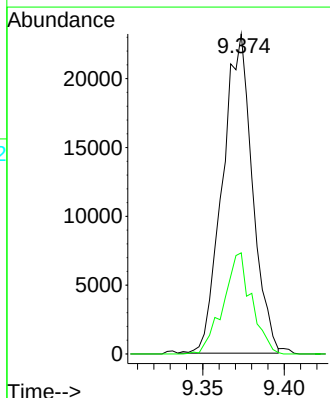
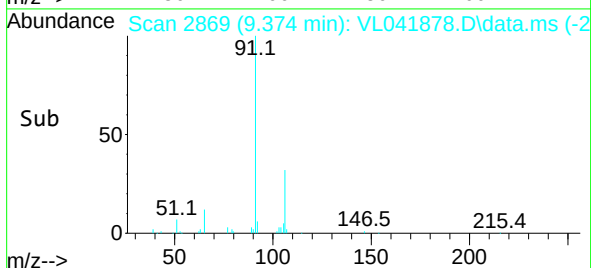
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

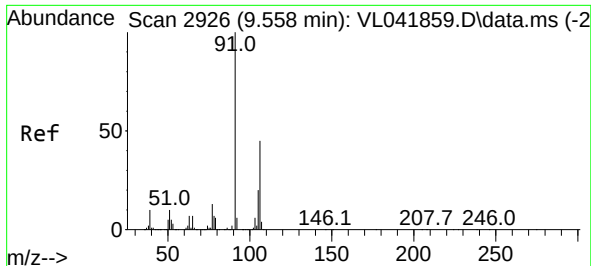


#58
Ethyl Benzene
Concen: 0.435 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



Tgt Ion: 91 Resp: 29529
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.2





#59

m/p-Xylene

Concen: 0.905 ppbv m

RT: 9.565 min Scan# 2926

Delta R.T. 0.006 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 91 Resp: 48518

Ion Ratio Lower Upper

91 100

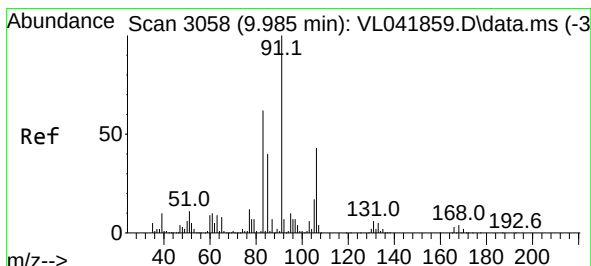
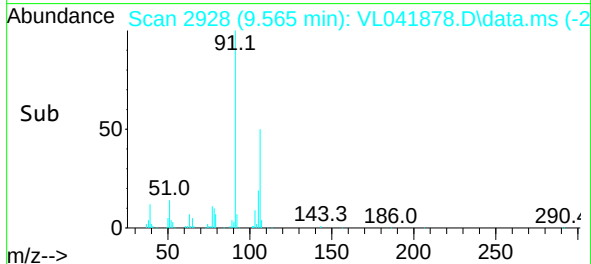
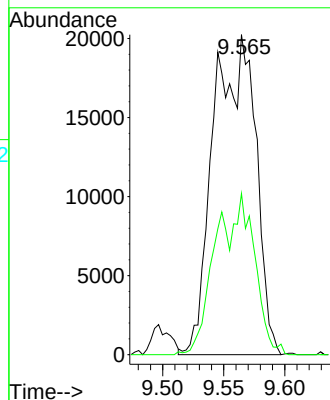
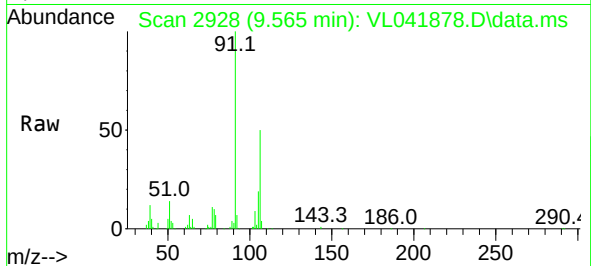
106 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#60

o-Xylene

Concen: 0.453 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.007 min

Lab File: VL041878.D

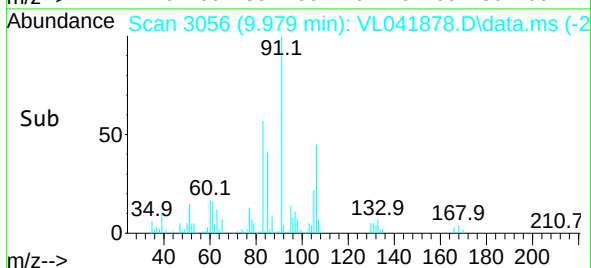
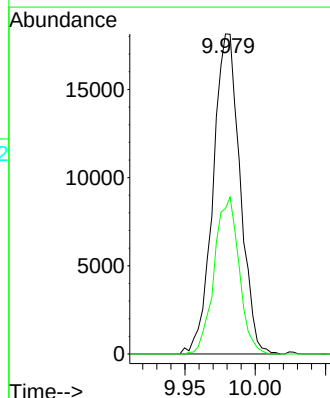
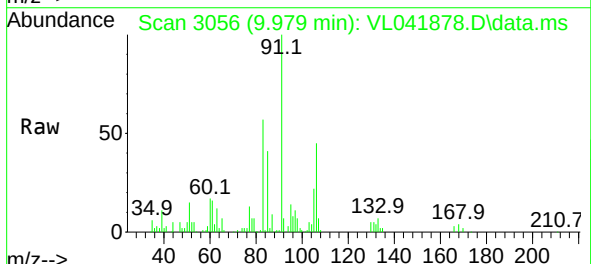
Acq: 09 Jan 2025 21:46

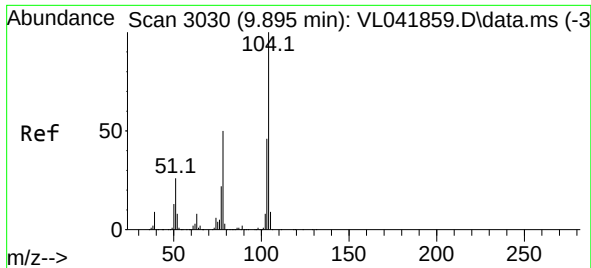
Tgt Ion: 91 Resp: 24191

Ion Ratio Lower Upper

91 100

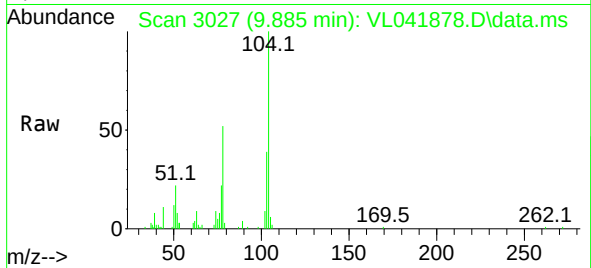
106 44.9 21.4 64.3





#61
Styrene
Concen: 0.400 ppbv
RT: 9.885 min Scan# 3030
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

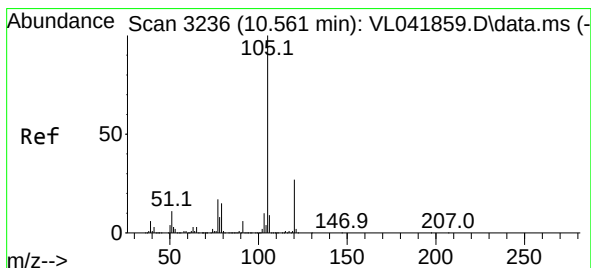
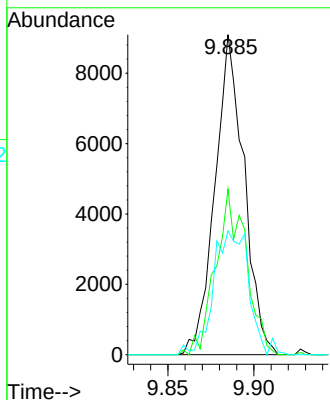
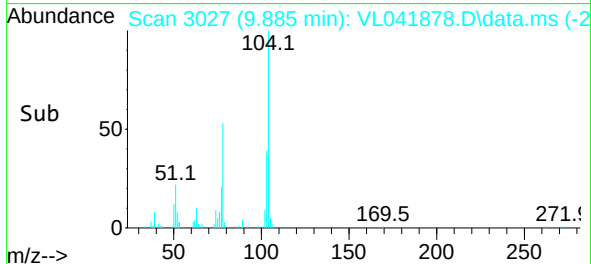
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:104 Resp: 10684
Ion Ratio Lower Upper
104 100
78 54.5 40.7 61.1
103 47.4 37.0 55.6

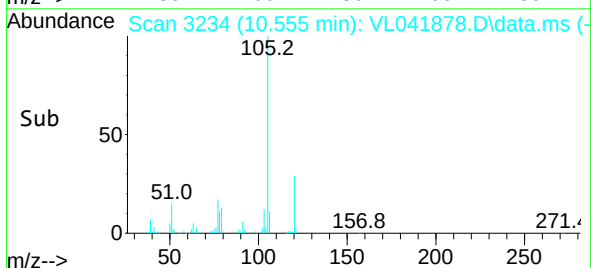
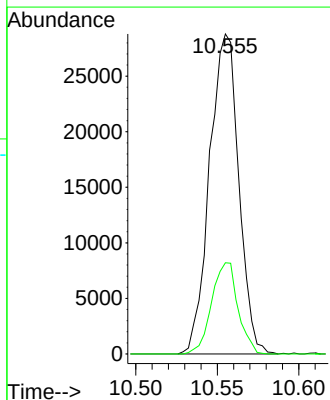
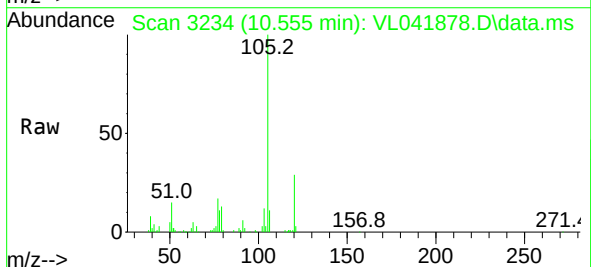
Manual Integrations
APPROVED

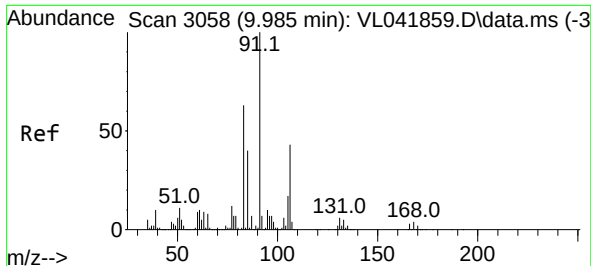
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#62
Isopropylbenzene
Concen: 0.446 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

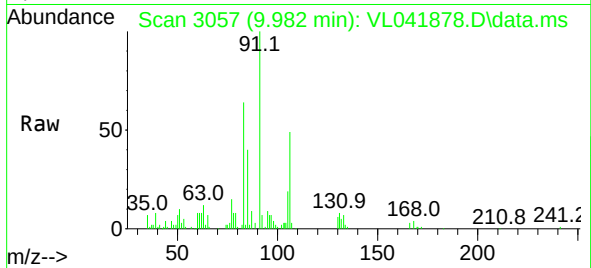
Tgt Ion:105 Resp: 35856
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.451 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

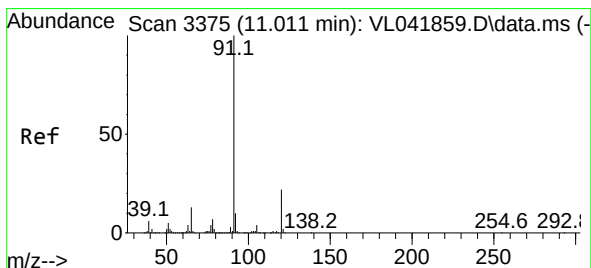
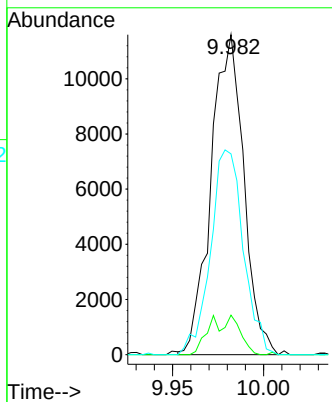
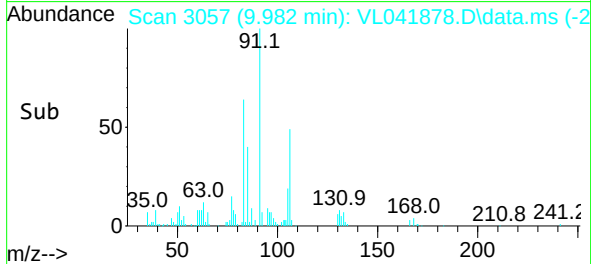
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



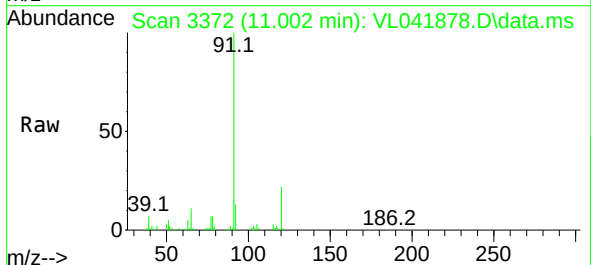
Tgt Ion: 83 Resp: 1448
Ion Ratio Lower Upper
83 100
131 11.2 4.8 14.3
85 64.2 32.1 96.3

Manual Integrations
APPROVED

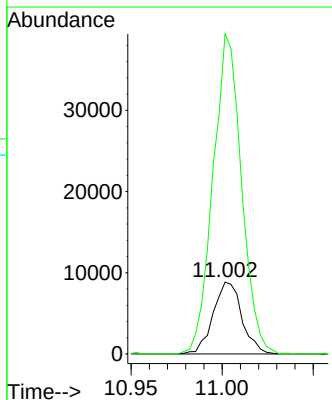
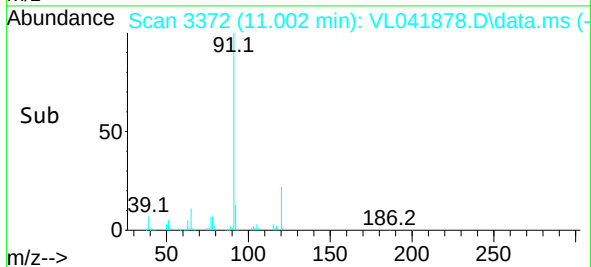
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

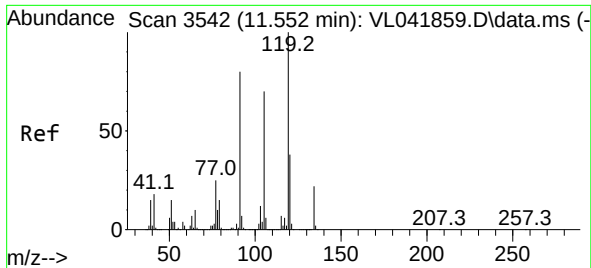


#64
n-propylbenzene
Concen: 0.463 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



Tgt Ion:120 Resp: 9714
Ion Ratio Lower Upper
120 100
91 441.8 376.9 565.3





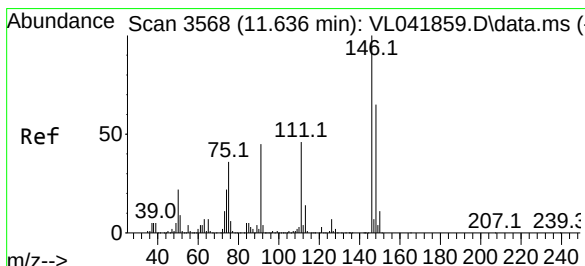
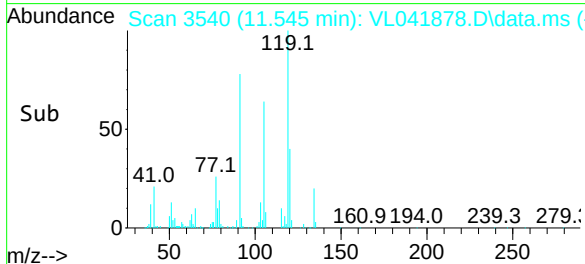
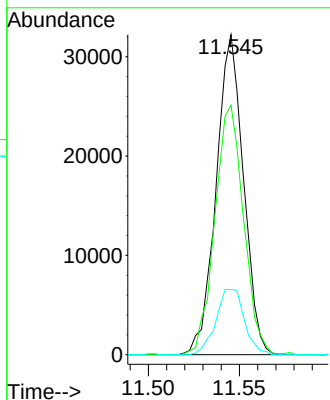
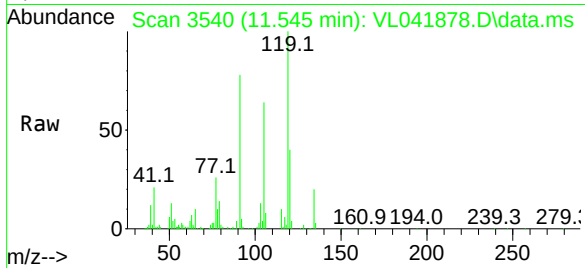
#65
tert-Butylbenzene
Concen: 0.460 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 119 Resp: 33528
Ion Ratio Lower Upper
119 100
91 82.2 64.6 97.0
134 21.5 16.9 25.3

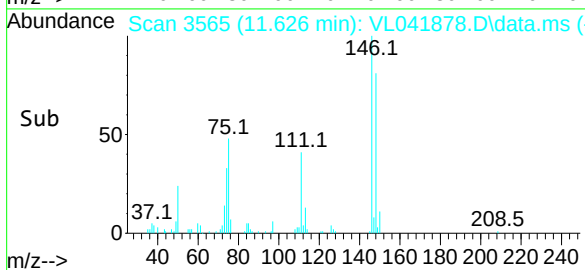
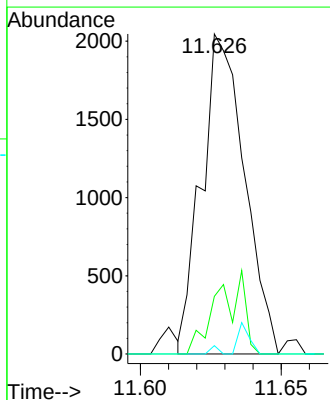
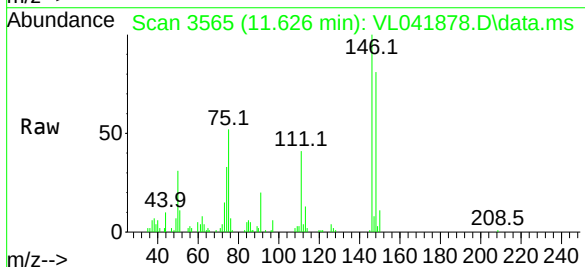
Manual Integrations
APPROVED

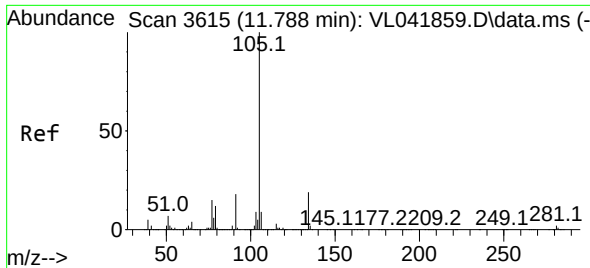
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#66
Benzyl Chloride
Concen: 0.287 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

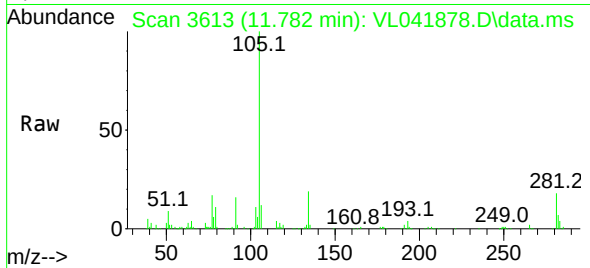
Tgt Ion: 91 Resp: 2168
Ion Ratio Lower Upper
91 100
126 16.7 13.9 20.9
128 0.0 4.8 7.2#





#67
 sec-Butylbenzene
 Concen: 0.457 ppbv
 RT: 11.782 min Scan# 3615
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

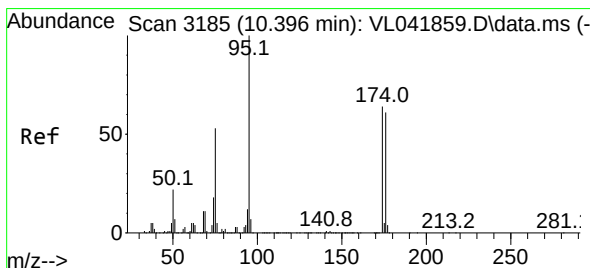
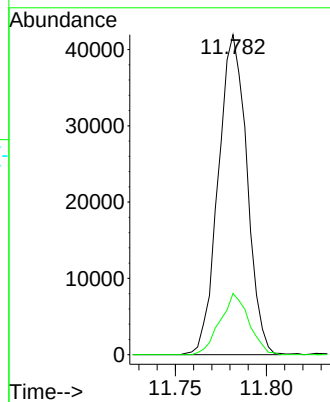
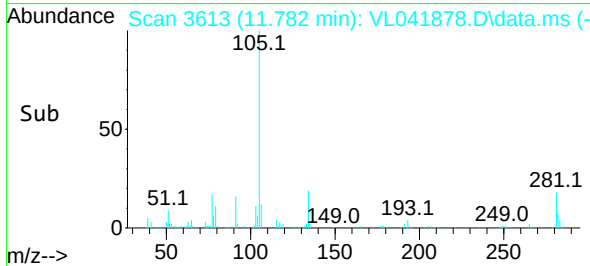
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



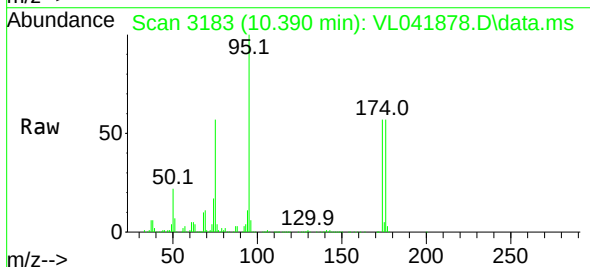
Tgt Ion: 105 Resp: 4588
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.2

Manual Integrations
 APPROVED

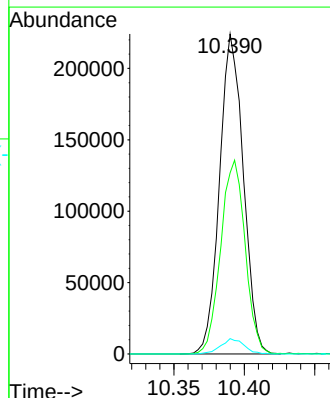
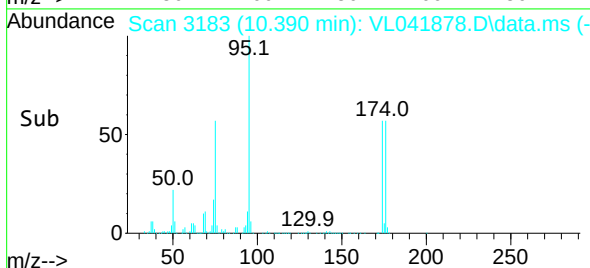
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

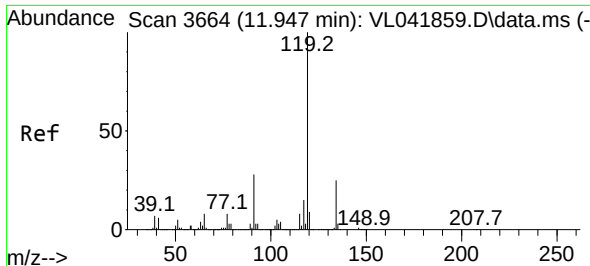


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.968 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46



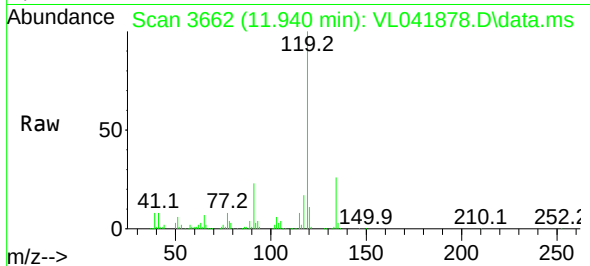
Tgt Ion: 95 Resp: 263593
 Ion Ratio Lower Upper
 95 100
 174 62.4 51.1 76.7
 175 4.7 3.8 5.8





#69
p-Isopropyltoluene
Concen: 0.443 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

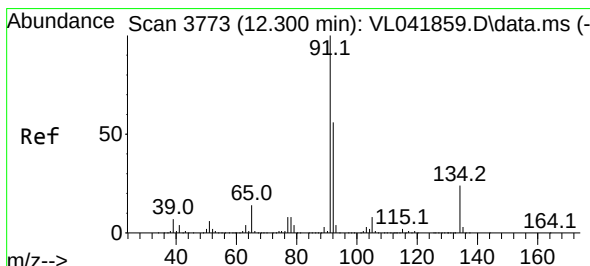
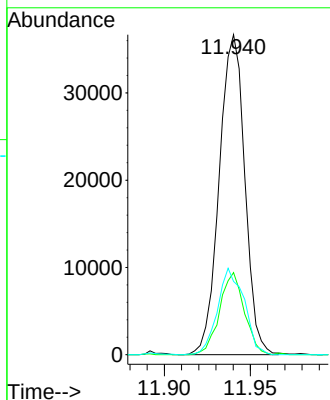
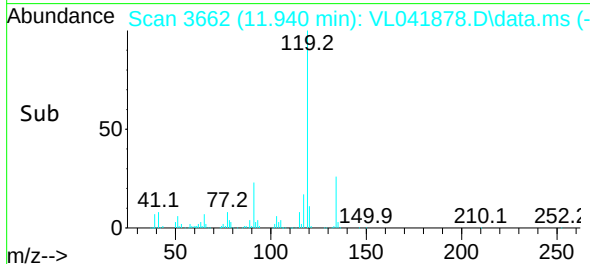
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



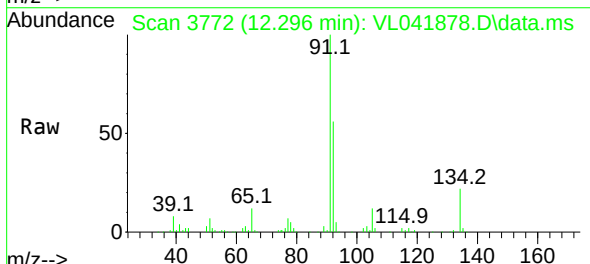
Tgt Ion:119 Resp: 37910
Ion Ratio Lower Upper
119 100
134 25.0 20.3 30.5
91 28.4 22.6 34.0

Manual Integrations
APPROVED

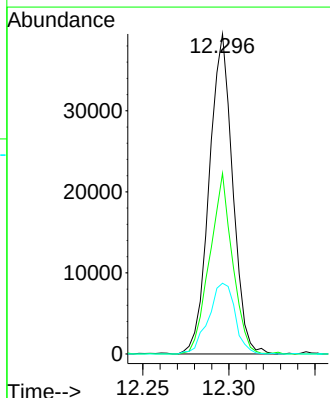
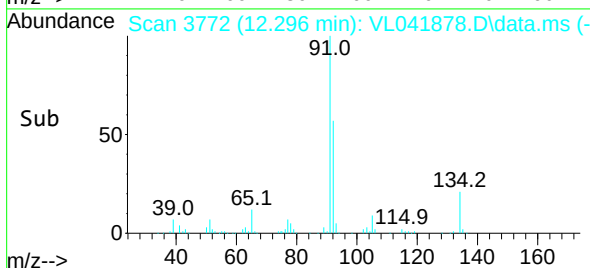
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

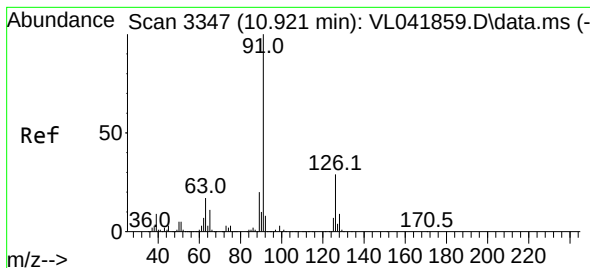


#70
n-Butylbenzene
Concen: 0.434 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



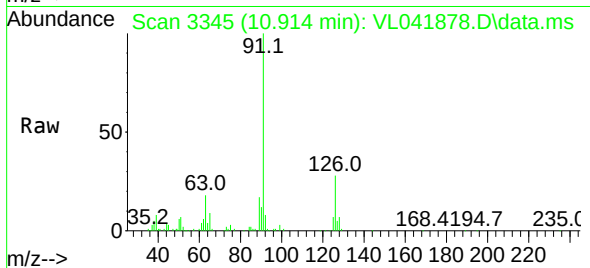
Tgt Ion: 91 Resp: 37329
Ion Ratio Lower Upper
91 100
92 55.1 43.8 65.8
134 25.1 19.3 28.9





#71
2-Chlorotoluene
Concen: 0.456 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

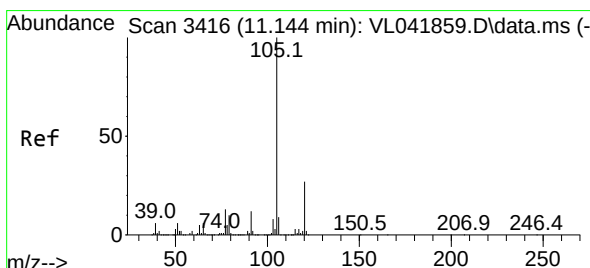
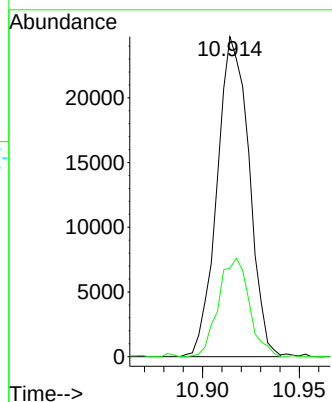
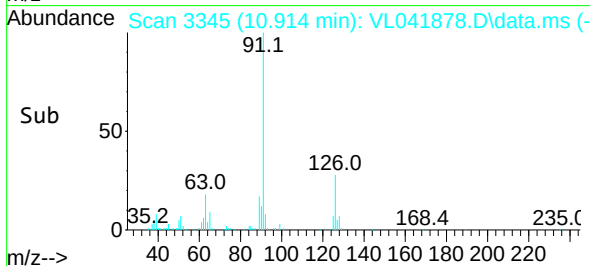
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 91 Resp: 28380
Ion Ratio Lower Upper
91 100
126 29.6 11.6 46.6

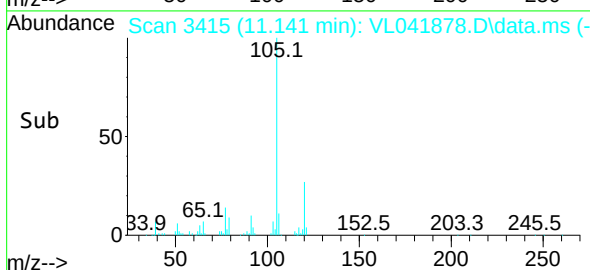
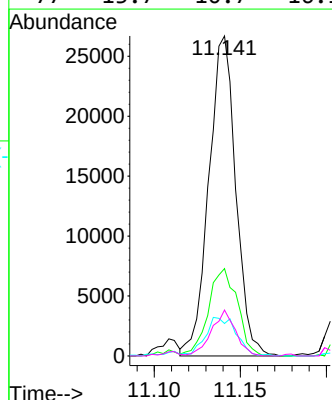
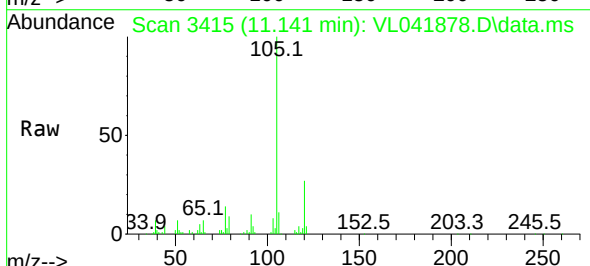
Manual Integrations
APPROVED

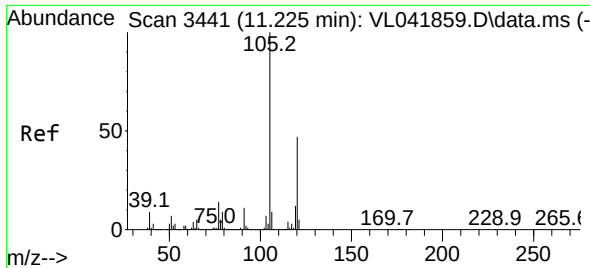
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#72
4-Ethyltoluene
Concen: 0.444 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

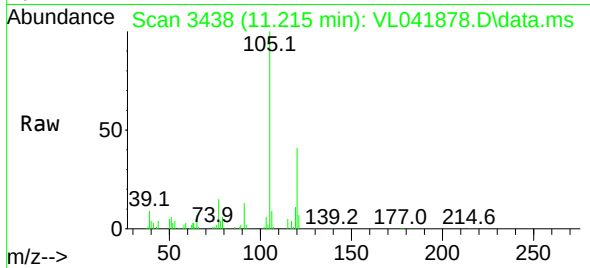
Tgt Ion:105 Resp: 29119
Ion Ratio Lower Upper
105 100
120 30.4 23.5 35.3
91 15.0 9.8 14.8#
77 13.7 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 0.438 ppbv
RT: 11.215 min Scan# 3441
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

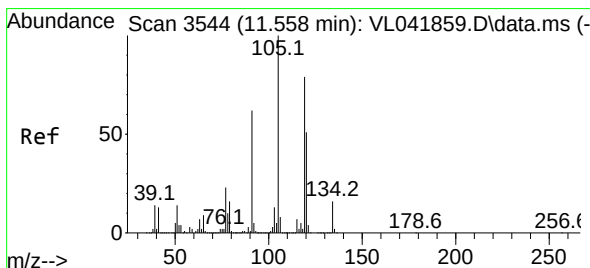
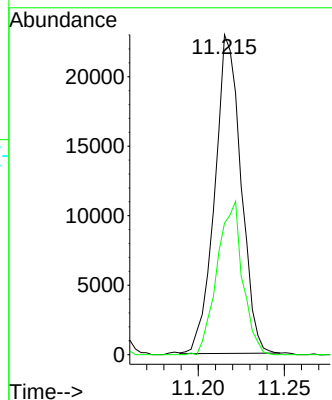
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:105 Resp: 2436
Ion Ratio Lower Upper
105 100
120 41.3 37.2 55.8

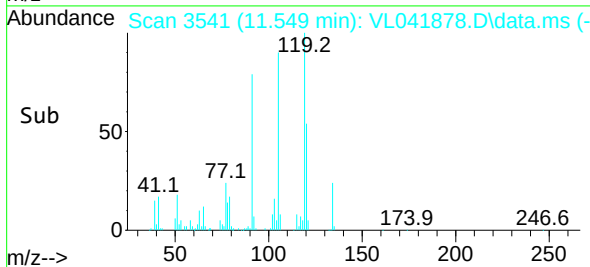
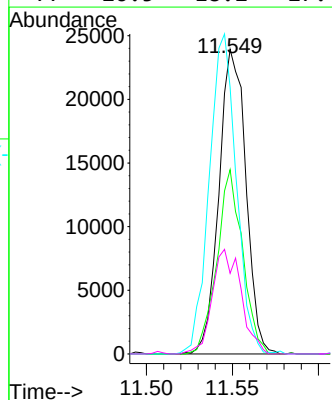
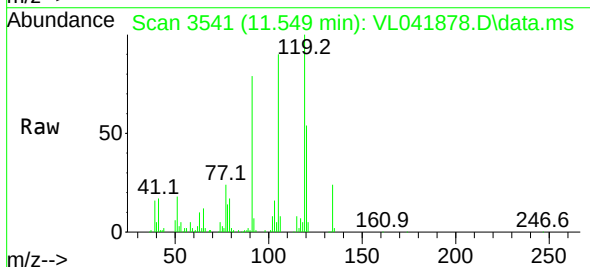
Manual Integrations
APPROVED

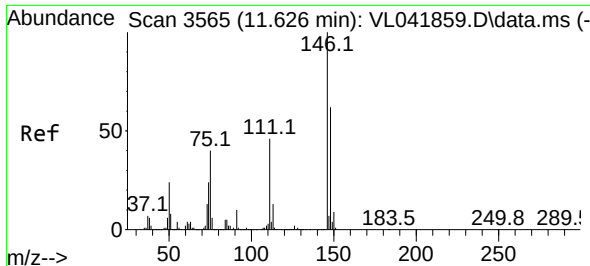
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.431 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion:105 Resp: 26021
Ion Ratio Lower Upper
105 100
120 60.5 41.1 61.7
91 87.1 50.0 75.0#
77 26.5 18.2 27.4





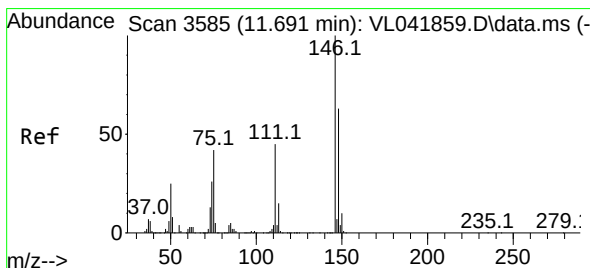
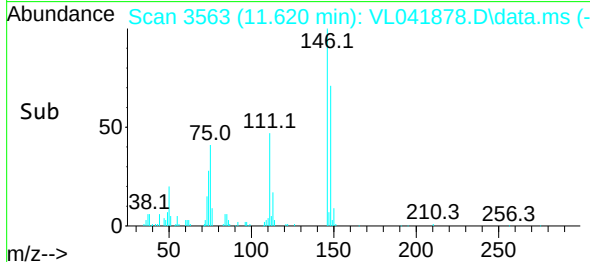
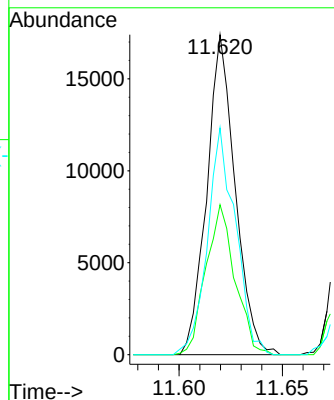
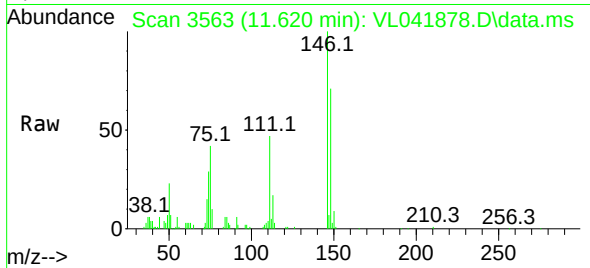
#75
1,3-Dichlorobenzene
Concen: 0.457 ppbv
RT: 11.620 min Scan# 3565
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Instrument : MSVOA_L
ClientSampleId : MDL 0.4

Tgt Ion:146 Resp: 16579
Ion Ratio Lower Upper
146 100
111 48.4 23.2 69.5
148 70.4 31.6 94.7

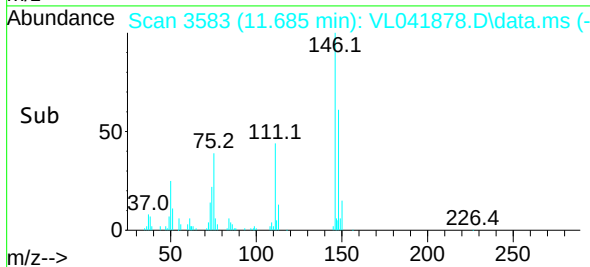
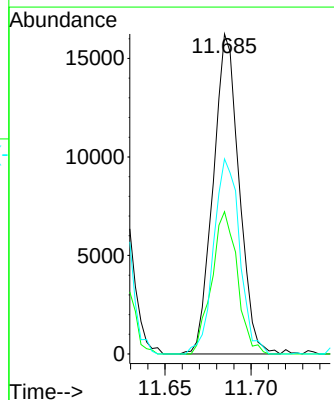
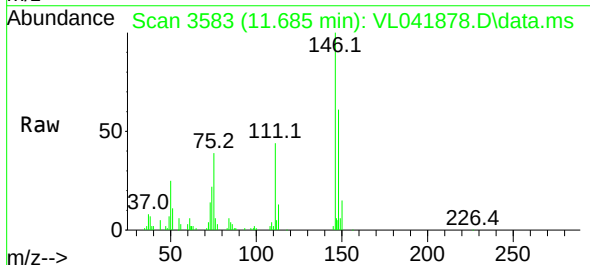
Manual Integrations
APPROVED

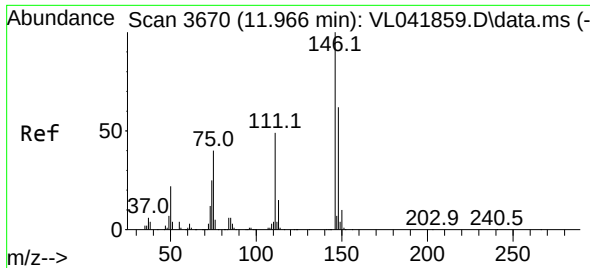
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#76
1,4-Dichlorobenzene
Concen: 0.474 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion:146 Resp: 16999
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.1
148 61.3 31.2 93.6





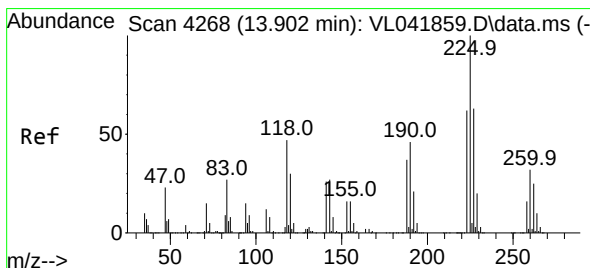
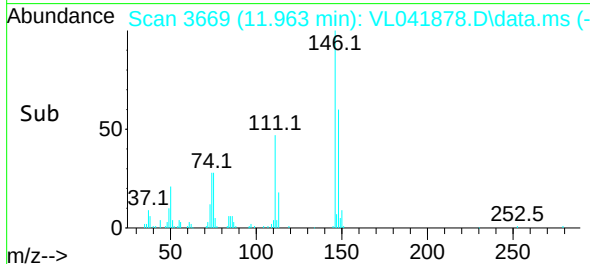
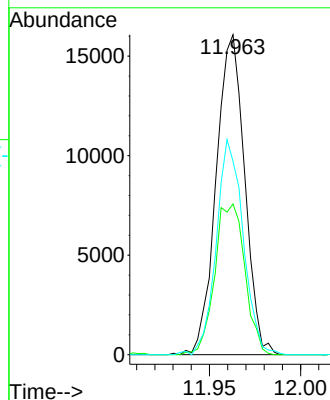
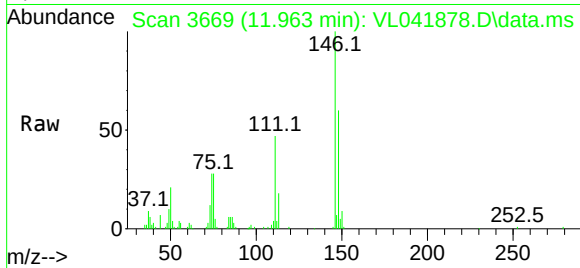
#77
1,2-Dichlorobenzene
Concen: 0.510 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:146 Resp: 17450
Ion Ratio Lower Upper
146 100
111 50.1 24.1 72.3
148 63.5 31.5 94.5

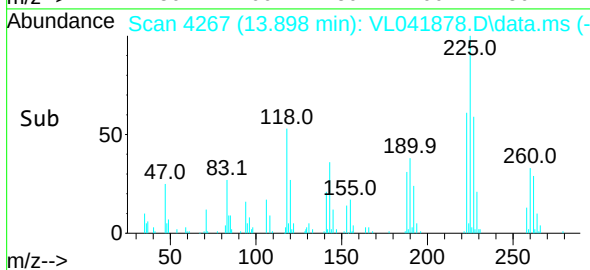
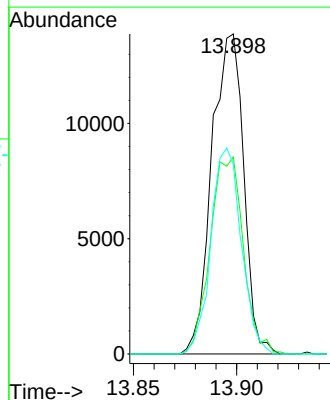
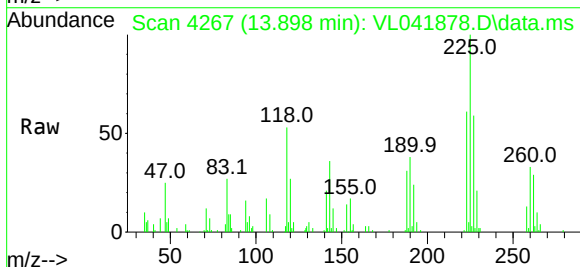
Manual Integrations
APPROVED

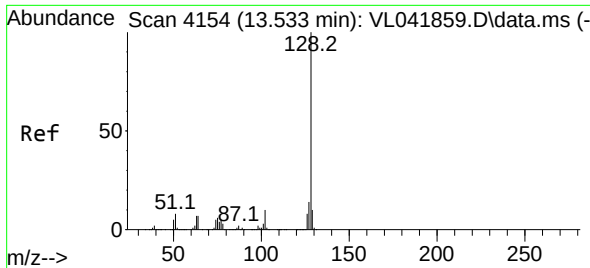
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#78
Hexachloro-1,3-Butadiene
Concen: 0.504 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

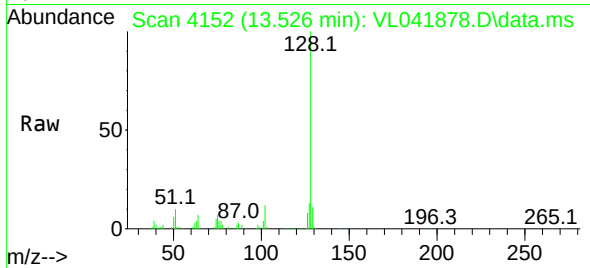
Tgt Ion:225 Resp: 14849
Ion Ratio Lower Upper
225 100
223 64.1 50.6 75.8
227 61.8 50.9 76.3





#79
Naphthalene
Concen: 0.402 ppbv
RT: 13.526 min Scan# 4154
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

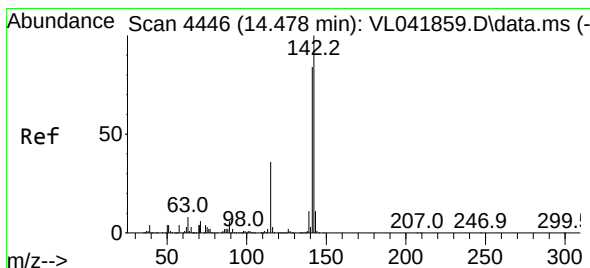
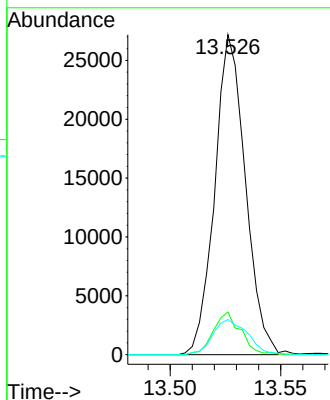
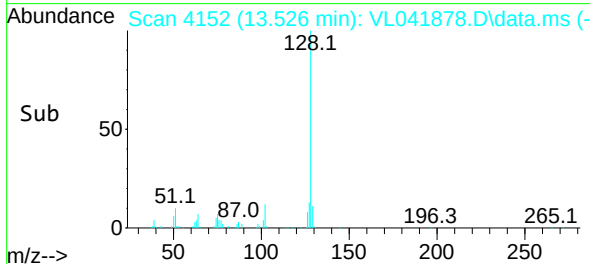
Instrument : MSVOA_L
ClientSampleId :
MDL 0.4



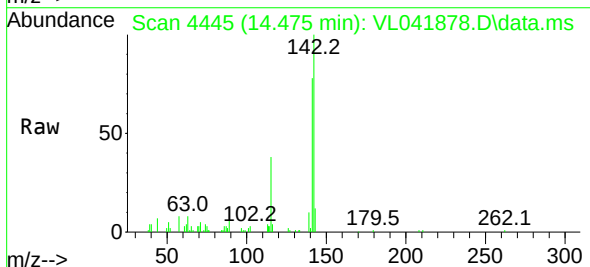
Tgt Ion:128 Resp: 26169
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.0 8.2 12.4

Manual Integrations
APPROVED

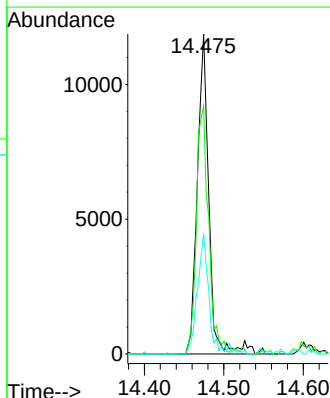
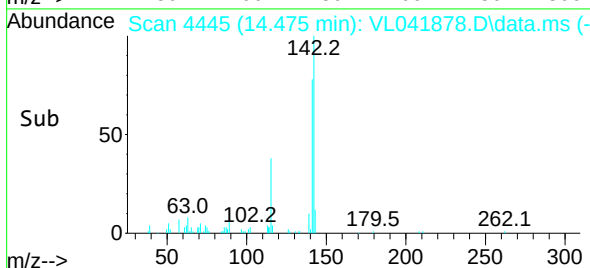
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

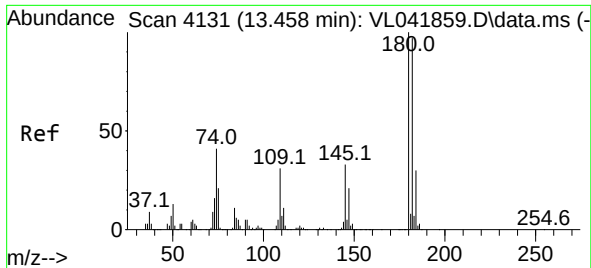


#80
Naphthalene,2-methyl-
Concen: 0.342 ppbv
RT: 14.475 min Scan# 4445
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46



Tgt Ion:142 Resp: 12018
Ion Ratio Lower Upper
142 100
141 83.0 68.2 102.4
115 38.0 29.4 44.2





#81

1,2,4-Trichlorobenzene

Concen: 0.469 ppbv

RT: 13.455 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041878.D

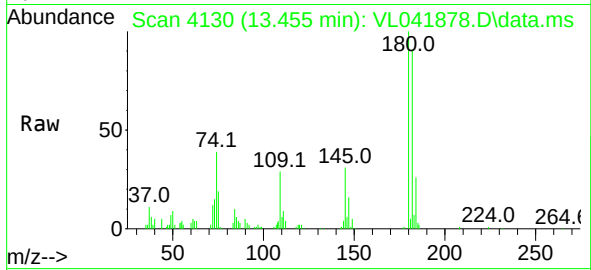
Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion:180 Resp: 14529

Ion Ratio Lower Upper

180 100

182 93.3 75.8 113.8

184 29.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025

