

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041879.D
 Acq On : 09 Jan 2025 22:17
 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 01:52:04 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	121142	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	366226	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	329631	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 263876 9.983 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	11233	0.565	ppbv	98
3) Chlorodifluoromethane	1.479	51	11207	0.513	ppbv #	91
4) Chloromethane	1.538	50	4077	0.527	ppbv #	81
5) Vinyl Chloride	1.586	62	3997	0.486	ppbv #	86
6) Bromomethane	1.677	94	2061	0.532	ppbv	91
7) Chloroethane	1.709	64	1659	0.521	ppbv #	82
8) Dichlorotetrafluoroethane	1.560	85	9599	0.555	ppbv	93
9) Propene	1.489	41	5254	0.515	ppbv	85
10) Heptane	5.007	43	12291m	0.457	ppbv	
11) Trichlorofluoromethane	1.884	101	10995	0.538	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.149	101	9039	0.547	ppbv	98
13) Ethanol	1.729	45	579m	0.894	ppbv	
14) Bromoethene	1.790	108	3238	0.547	ppbv #	95
15) Acetone	1.842	43	13816	0.676	ppbv	98
16) 1,3-Butadiene	1.615	39	4458	0.508	ppbv	93
17) tert-Butyl alcohol	2.052	59	12123	0.523	ppbv #	89
18) 1,1-Dichloroethene	2.039	96	4350	0.581	ppbv	95
19) Isopropyl Alcohol	1.897	45	6814	0.635	ppbv	87
20) Methylene Chloride	2.069	84	4388	0.630	ppbv #	90
21) Allyl Chloride	2.104	41	6531	0.500	ppbv #	84
22) trans-1,2-Dichloroethene	2.353	96	4697	0.542	ppbv	93
23) Vinyl Acetate	2.473	43	5814	0.562	ppbv #	80
24) 1,1-Dichloroethane	2.418	63	9364	0.571	ppbv #	93
25) Ethyl Acetate	2.855	43	23966	0.472	ppbv	99
26) Hexane	2.839	57	10202	0.488	ppbv	92
27) Carbon Disulfide	2.159	76	8656	0.433	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	6661	0.418	ppbv #	88
29) Chloroform	2.858	83	15434	0.528	ppbv	99
30) Cyclohexane	3.875	84	8999	0.502	ppbv	97
31) cis-1,2-Dichloroethene	2.732	61	9955m	0.488	ppbv	
32) 1,1,1-Trichloroethane	3.386	97	13839	0.477	ppbv	99
34) 2-Butanone	2.573	43	14922	0.490	ppbv	100
35) Carbon Tetrachloride	3.781	117	12308m	0.432	ppbv	
36) Benzene	3.677	78	19420	0.457	ppbv #	92
37) 1,2-Dichloroethane	3.234	62	11074	0.497	ppbv #	92
38) Trichloroethene	4.570	130	7999	0.477	ppbv	86
39) 1,2-Dichloropropane	4.337	63	7491	0.496	ppbv	90
40) 1,4-Dioxane	4.622	88	3773m	0.496	ppbv	
41) Tetrahydrofuran	3.078	42	7317	0.409	ppbv	89
42) Bromodichloromethane	4.515	83	13624	0.445	ppbv #	97
43) Methyl Methacrylate	4.917	69	7450m	0.428	ppbv	
44) 2,2,4-Trimethylpentane	4.661	57	32989	0.460	ppbv	94
45) t-1,3-Dichloropropene	6.454	75	6820m	0.383	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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 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 01:52:04 2025

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

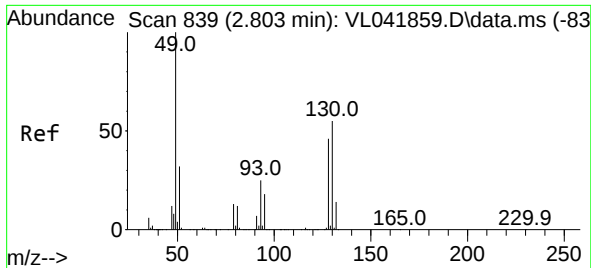
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

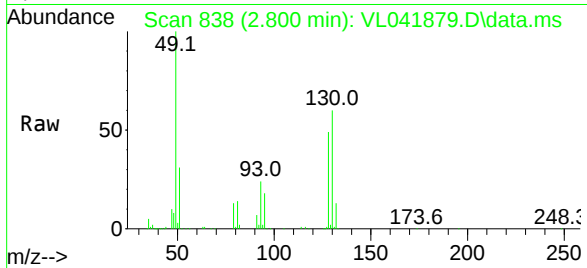
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	8585m	0.376	ppbv	
47) 1,1,2-Trichloroethane	6.616	97	7689m	0.484	ppbv	
48) Dibromochloromethane	7.406	129	9931m	0.412	ppbv	
49) Bromoform	9.500	173	7759	0.369	ppbv	99
50) 4-Methyl-2-Pentanone	5.800	43	18471m	0.425	ppbv	
51) 2-Hexanone	7.470	43	14053m	0.393	ppbv	
52) Tetrachloroethene	8.244	164	6847m	0.421	ppbv	
53) Toluene	6.962	91	22390	0.443	ppbv	99
54) 1,2-Dibromoethane	7.678	107	10163	0.470	ppbv	89
56) 1,1,1,2-Tetrachloroethane	8.943	131	8421	0.429	ppbv	83
57) Chlorobenzene	8.937	112	18928	0.515	ppbv	94
58) Ethyl Benzene	9.370	91	29858	0.441	ppbv	98
59) m/p-Xylene	9.565	91	49404m	0.922	ppbv	
60) o-Xylene	9.982	91	24990	0.468	ppbv	97
61) Styrene	9.888	104	10124	0.379	ppbv	94
62) Isopropylbenzene	10.555	105	37087	0.461	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	15575	0.485	ppbv	99
64) n-propylbenzene	11.002	120	9013	0.430	ppbv	95
65) tert-Butylbenzene	11.542	119	33710	0.463	ppbv	99
66) Benzyl Chloride	11.626	91	2114	0.280	ppbv #	90
67) sec-Butylbenzene	11.782	105	45602	0.455	ppbv	98
69) p-Isopropyltoluene	11.940	119	37694	0.440	ppbv	95
70) n-Butylbenzene	12.296	91	36383	0.424	ppbv	97
71) 2-Chlorotoluene	10.914	91	28385	0.456	ppbv	100
72) 4-Ethyltoluene	11.138	105	29045	0.443	ppbv	97
73) 1,3,5-Trimethylbenzene	11.215	105	23820	0.428	ppbv	95
74) 1,2,4-Trimethylbenzene	11.549	105	28511	0.472	ppbv #	90
75) 1,3-Dichlorobenzene	11.620	146	17437	0.481	ppbv	97
76) 1,4-Dichlorobenzene	11.685	146	18243	0.509	ppbv	98
77) 1,2-Dichlorobenzene	11.960	146	17986	0.525	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	15115	0.514	ppbv	95
79) Naphthalene	13.526	128	26258	0.403	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	11408	0.325	ppbv	94
81) 1,2,4-Trichlorobenzene	13.452	180	14876	0.480	ppbv	97

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

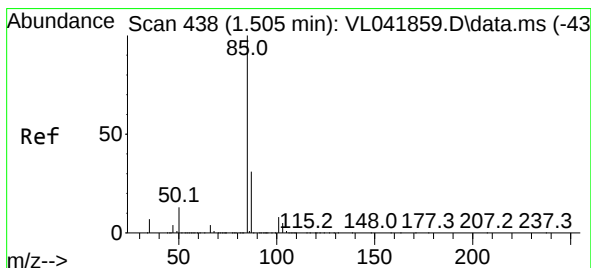
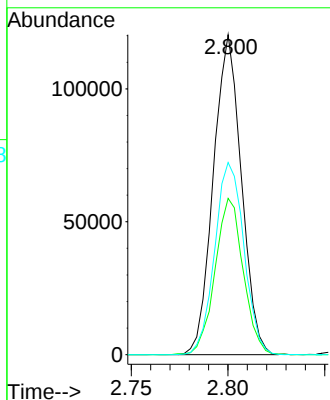
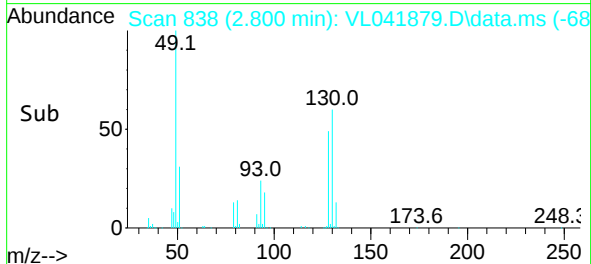
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 49 Resp: 121142
Ion Ratio Lower Upper
49 100
128 49.1 23.2 69.5
130 62.7 29.9 89.8

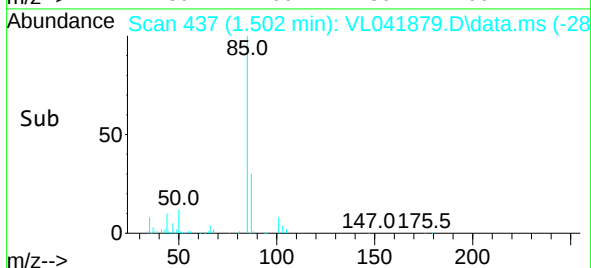
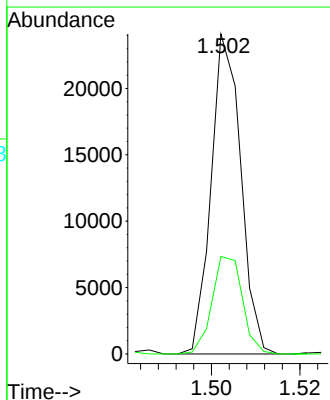
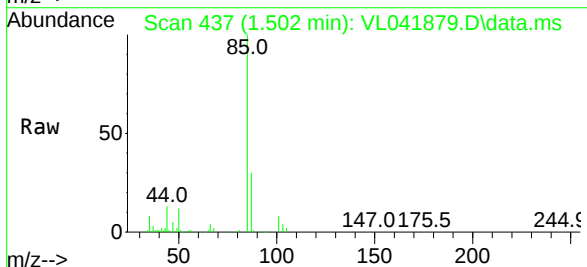
Manual Integrations
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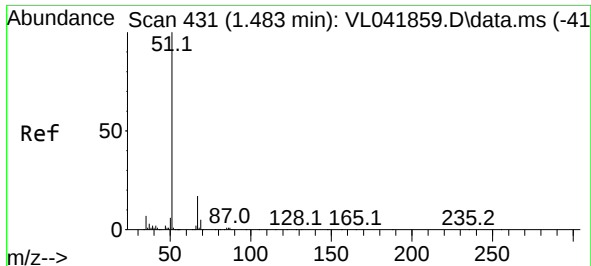
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#2
Dichlorodifluoromethane
Concen: 0.565 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

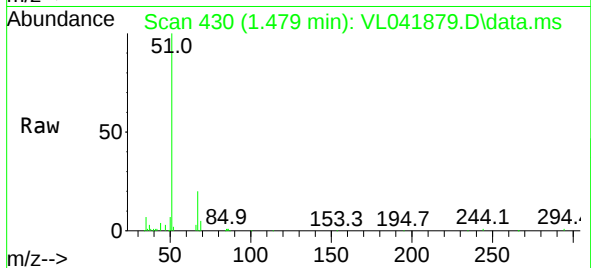
Tgt Ion: 85 Resp: 11233
Ion Ratio Lower Upper
85 100
87 30.5 25.2 37.8





#3
Chlorodifluoromethane
Concen: 0.513 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

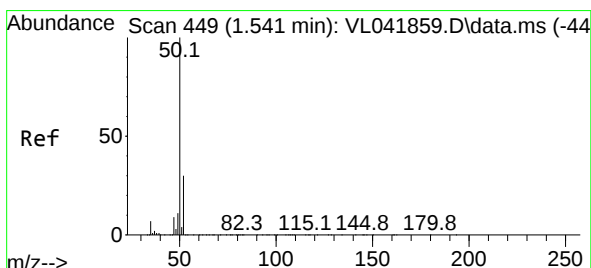
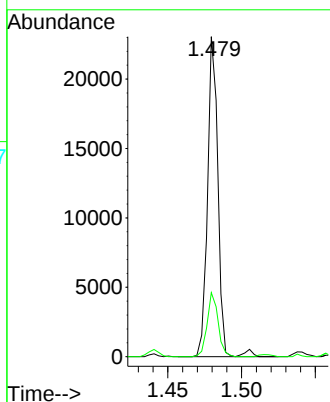
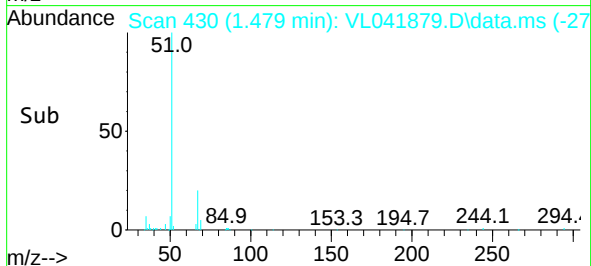
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



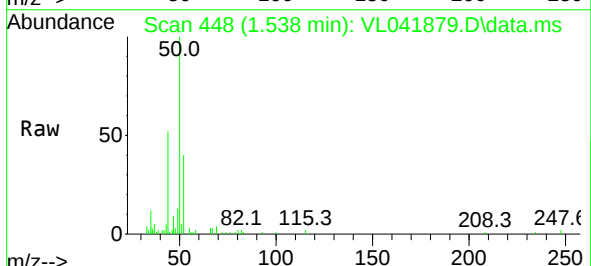
Tgt Ion: 51 Resp: 1120
Ion Ratio Lower Upper
51 100
67 21.2 13.8 20.8

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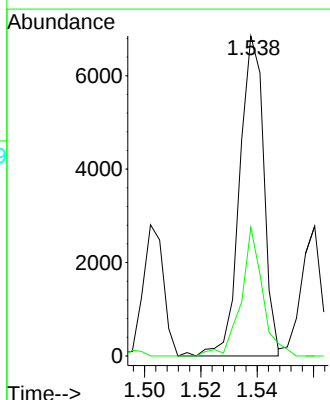
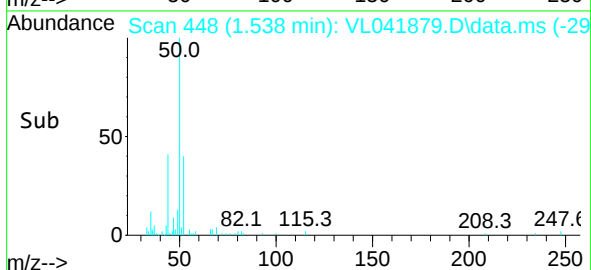
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

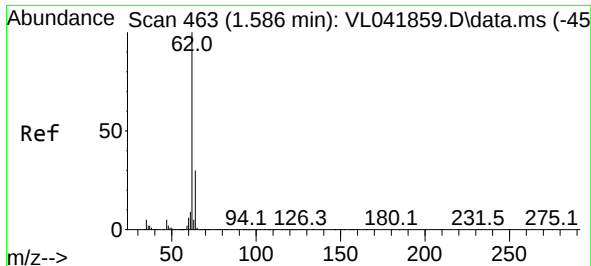


#4
Chloromethane
Concen: 0.527 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



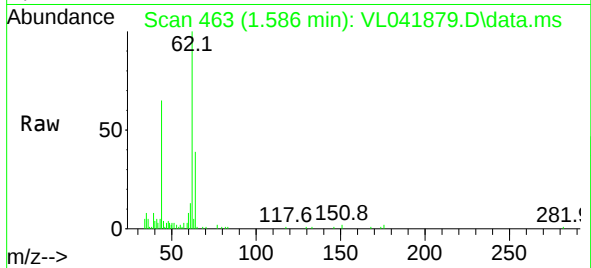
Tgt Ion: 50 Resp: 4077
Ion Ratio Lower Upper
50 100
52 40.2 23.9 35.9





#5
 Vinyl Chloride
 Concen: 0.486 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.000 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

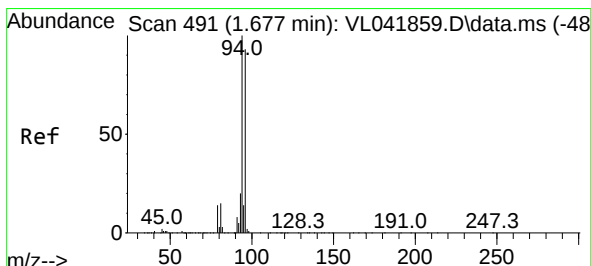
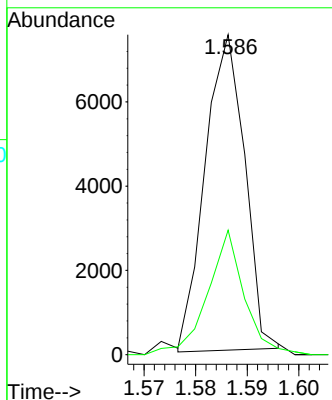
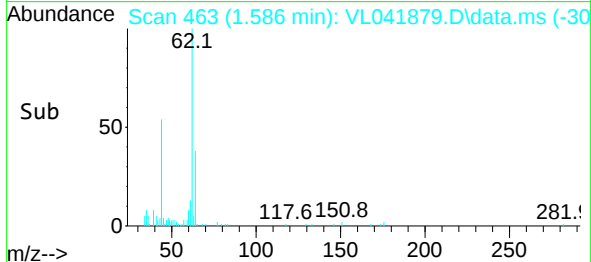
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion: 62 Resp: 3997
 Ion Ratio Lower Upper
 62 100
 64 37.7 24.1 36.1

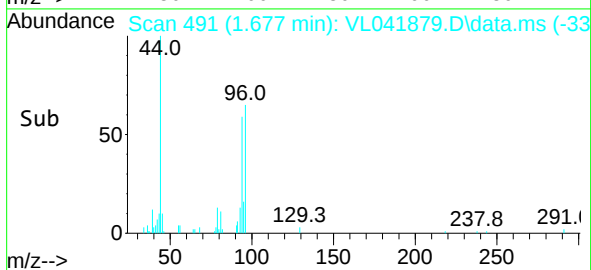
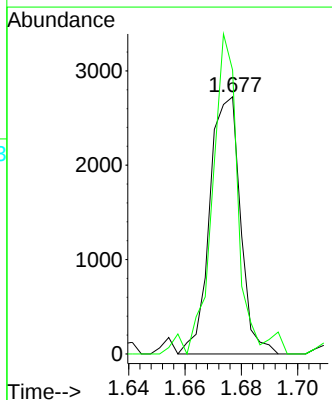
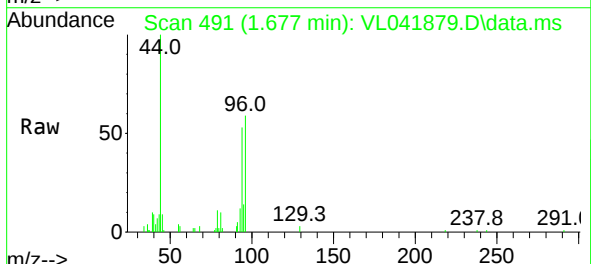
Manual Integrations
 APPROVED

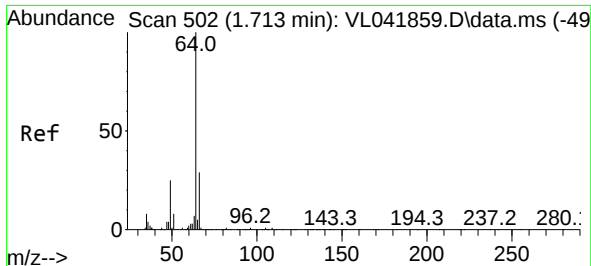
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#6
 Bromomethane
 Concen: 0.532 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

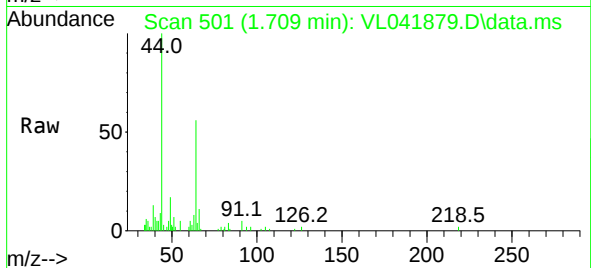
Tgt Ion: 94 Resp: 2061
 Ion Ratio Lower Upper
 94 100
 96 102.6 74.8 112.2





#7
Chloroethane
Concen: 0.521 ppbv
RT: 1.709 min Scan# 502
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

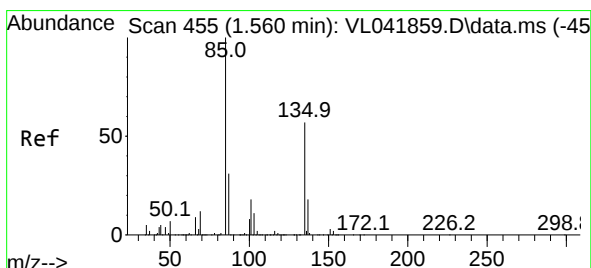
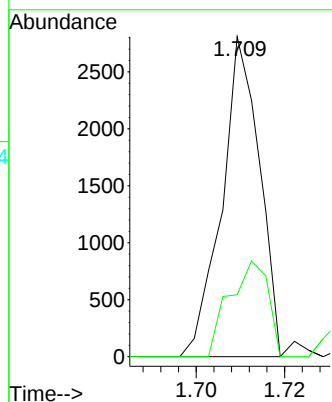
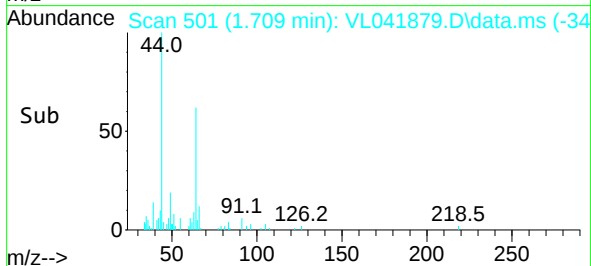
Instrument : MSVOA_L
ClientSampleId : MDL 0.4



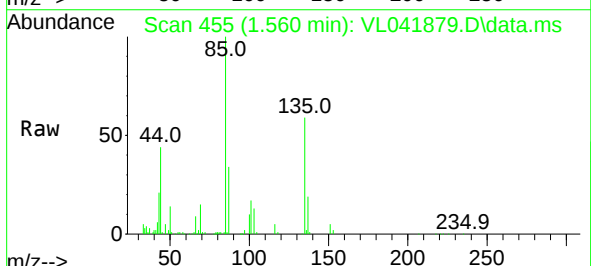
Tgt Ion: 64 Resp: 1659
Ion Ratio Lower Upper
64 100
66 19.4 23.0 34.6

Manual Integrations
APPROVED

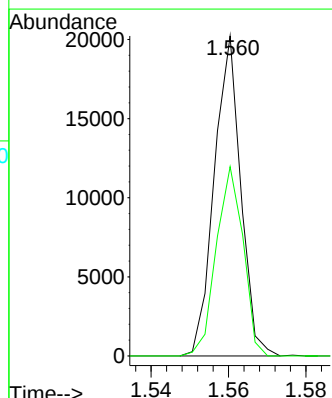
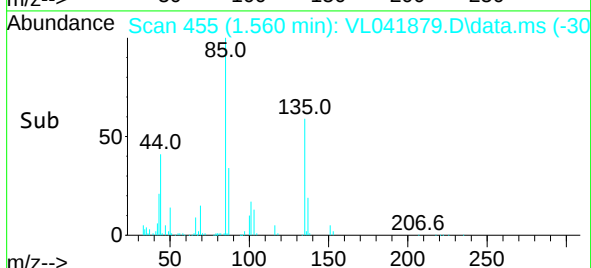
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

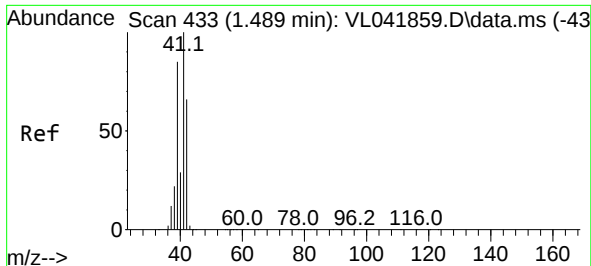


#8
Dichlorotetrafluoroethane
Concen: 0.555 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



Tgt Ion: 85 Resp: 9599
Ion Ratio Lower Upper
85 100
135 60.1 52.2 78.4





#9

Propene

Concen: 0.515 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 41 Resp: 5254

Ion Ratio Lower Upper

41 100

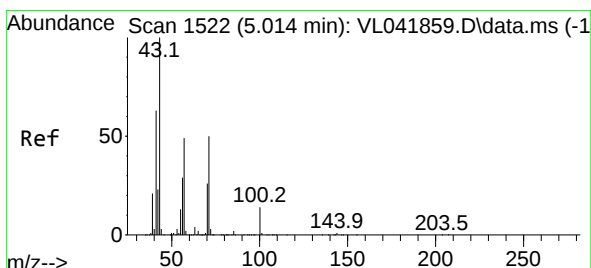
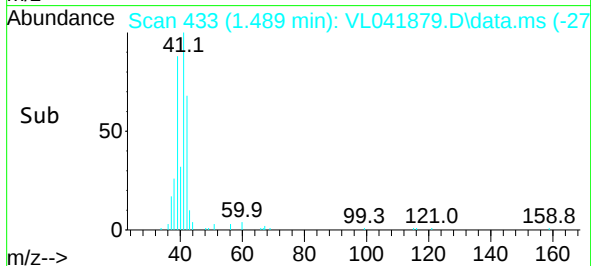
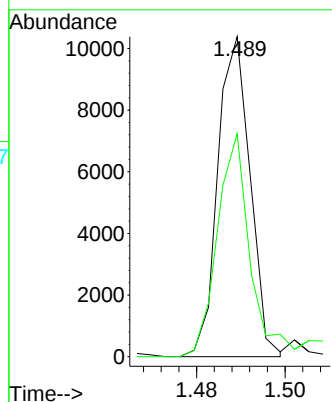
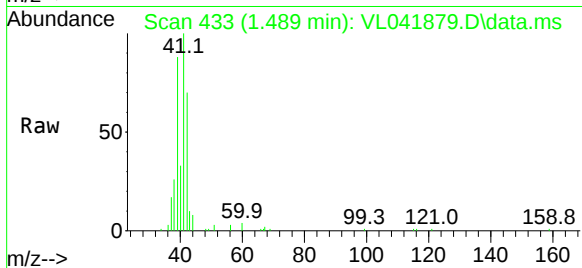
42 78.1 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#10

Heptane

Concen: 0.457 ppbv m

RT: 5.007 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VL041879.D

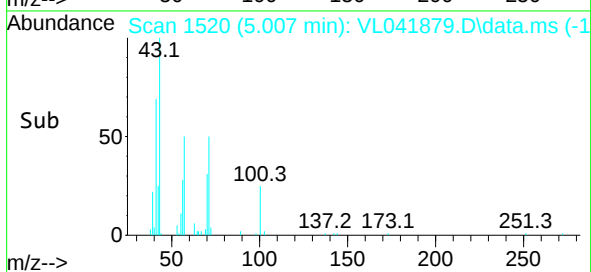
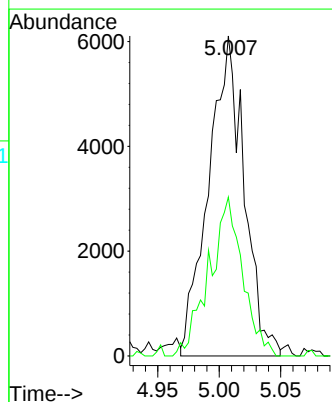
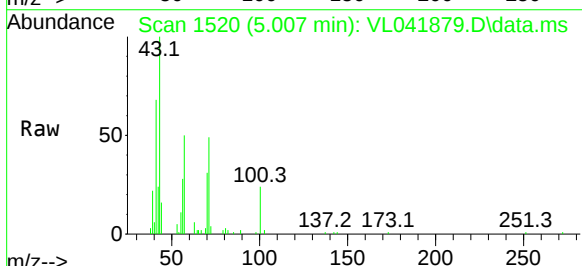
Acq: 09 Jan 2025 22:17

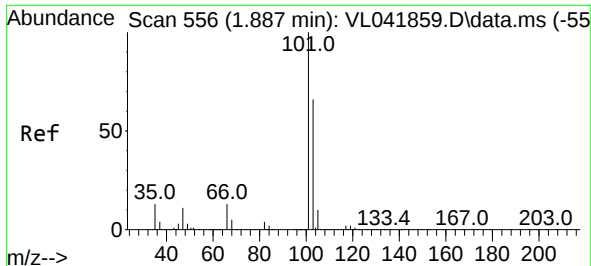
Tgt Ion: 43 Resp: 12291

Ion Ratio Lower Upper

43 100

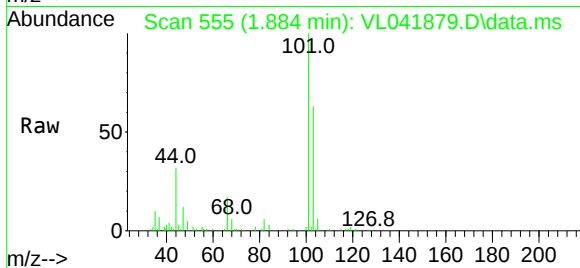
57 46.4 40.2 60.2





#11
 Trichlorofluoromethane
 Concen: 0.538 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

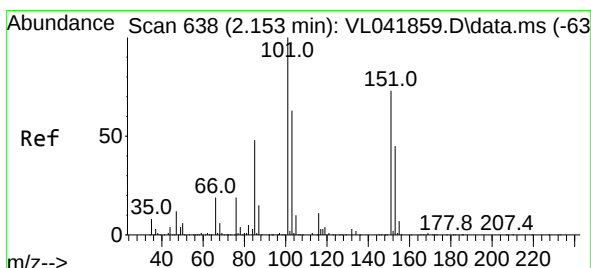
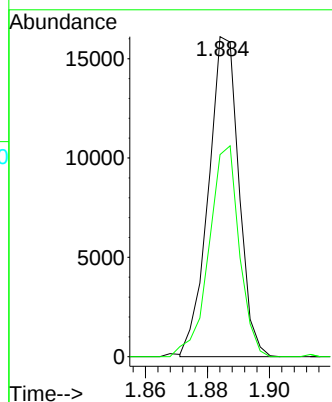
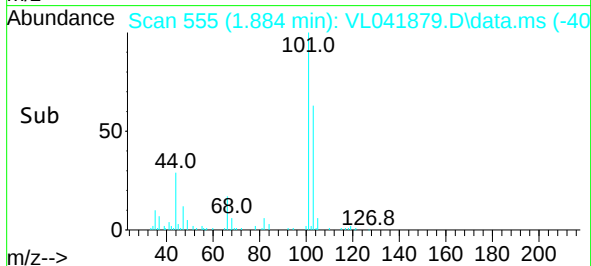
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



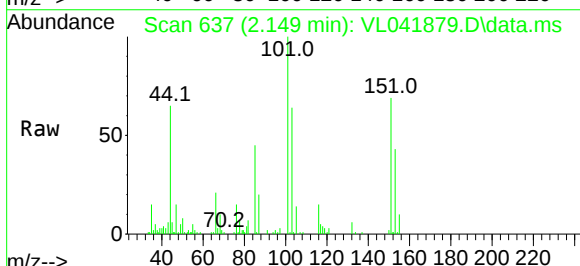
Tgt Ion:101 Resp: 10998
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.6 78.8

Manual Integrations
 APPROVED

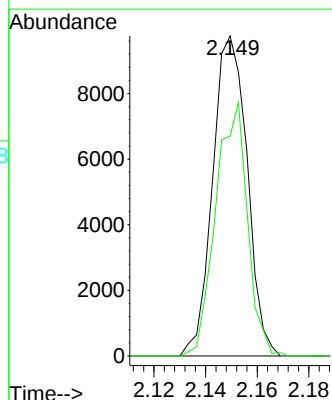
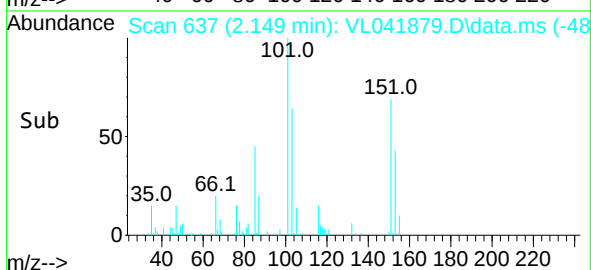
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

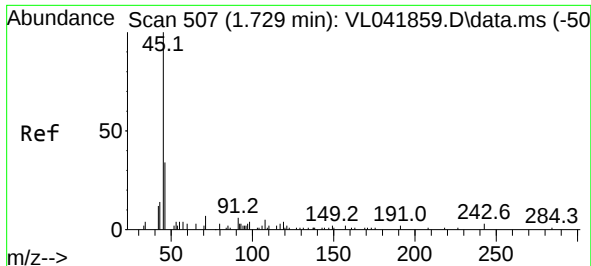


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.547 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.003 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17



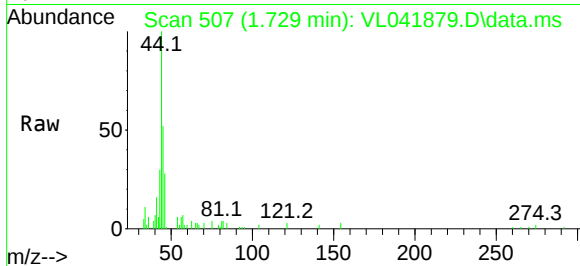
Tgt Ion:101 Resp: 9039
 Ion Ratio Lower Upper
 101 100
 151 72.8 59.4 89.0





#13
Ethanol
Concen: 0.894 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

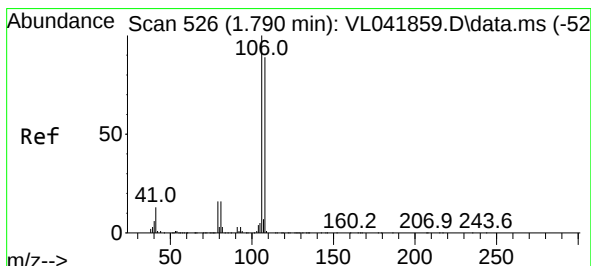
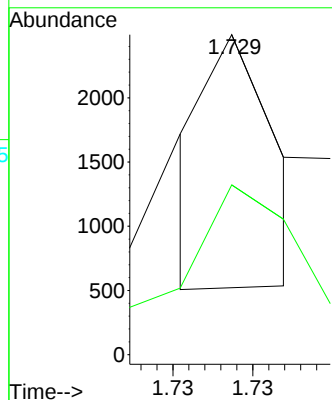
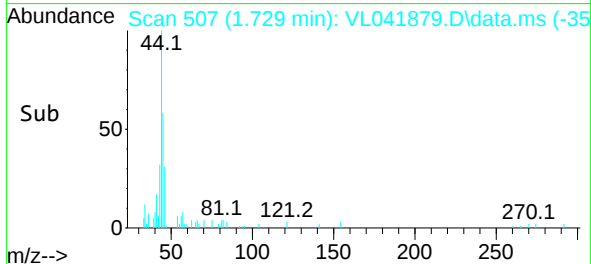
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



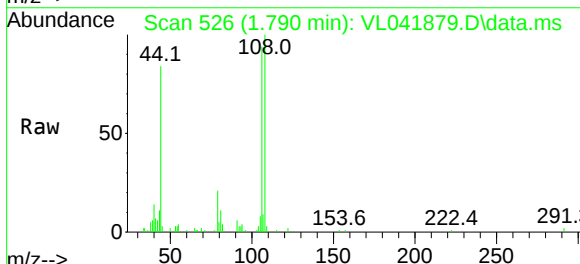
Tgt Ion: 45 Resp: 579
Ion Ratio Lower Upper
45 100
46 146.1 19.0 76.0

Manual Integrations
APPROVED

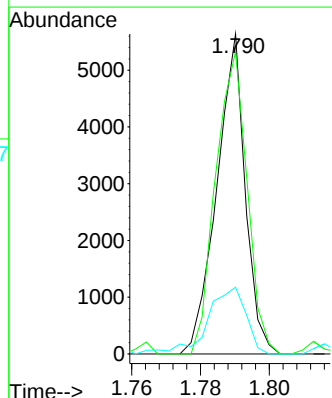
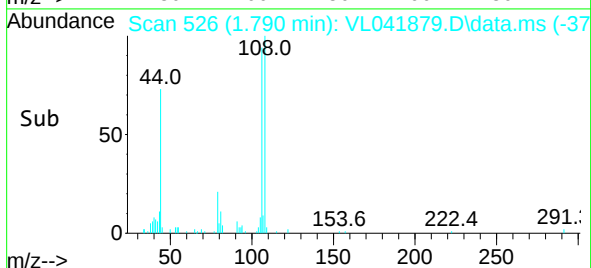
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

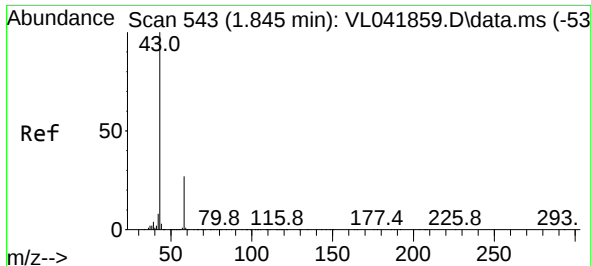


#14
Bromoethene
Concen: 0.547 ppbv
RT: 1.790 min Scan# 526
Delta R.T. -0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



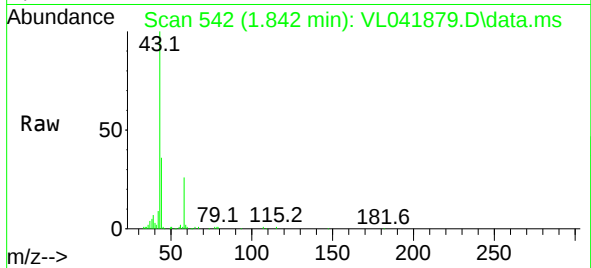
Tgt Ion:108 Resp: 3238
Ion Ratio Lower Upper
108 100
106 108.4 86.9 130.3
79 35.4 15.6 23.4





#15
Acetone
Concen: 0.676 ppbv
RT: 1.842 min Scan# 543
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

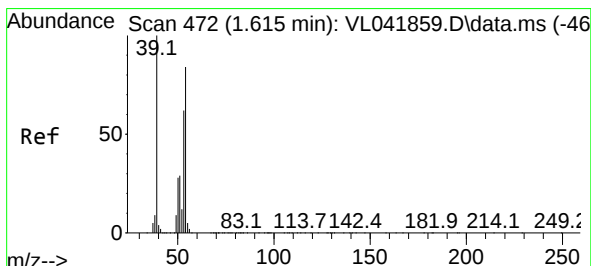
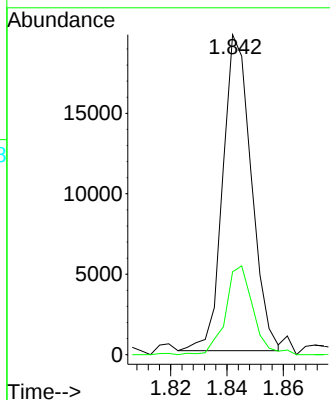
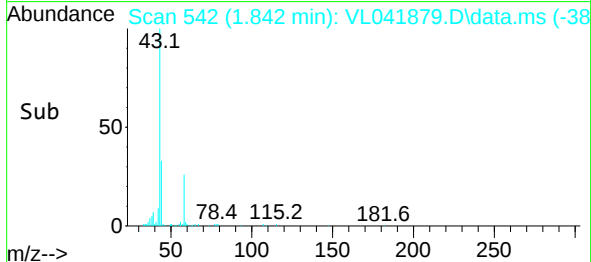
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



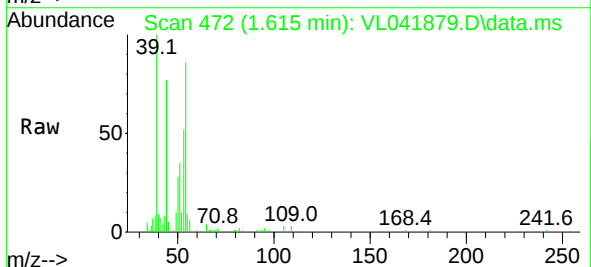
Tgt Ion: 43 Resp: 13810
Ion Ratio Lower Upper
43 100
58 27.2 22.7 34.1

Manual Integrations
APPROVED

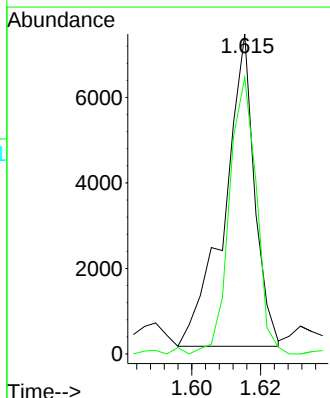
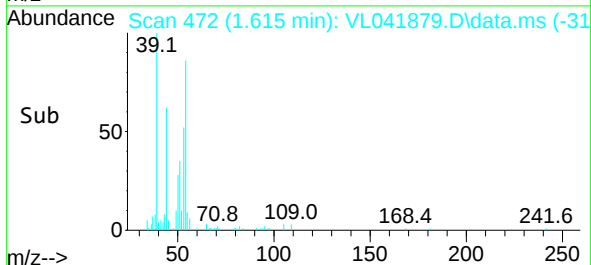
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

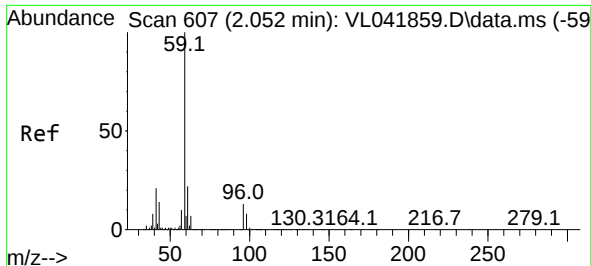


#16
1,3-Butadiene
Concen: 0.508 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



Tgt Ion: 39 Resp: 4458
Ion Ratio Lower Upper
39 100
54 81.5 60.1 90.1





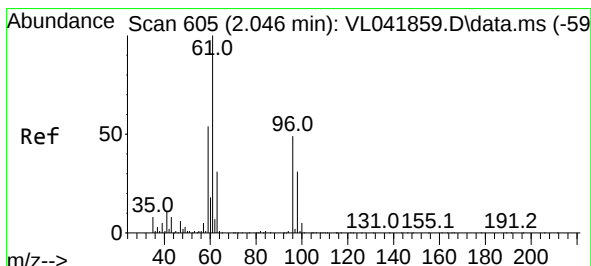
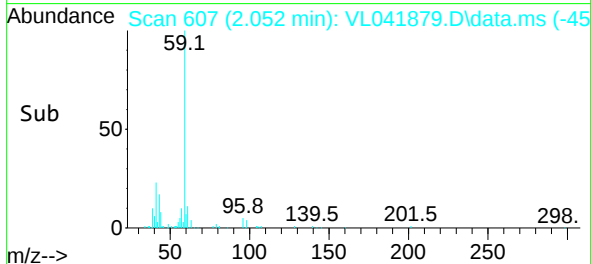
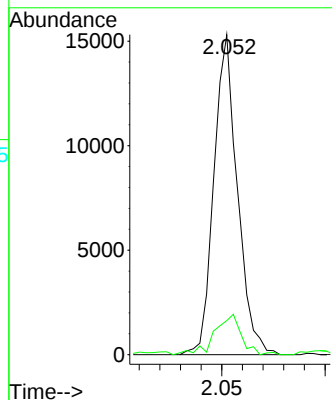
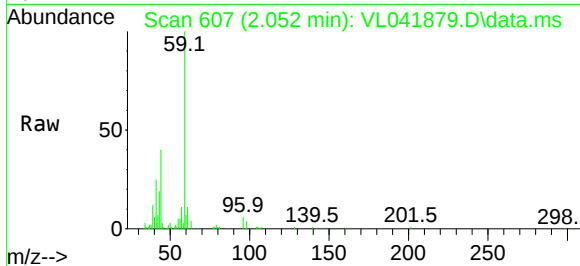
#17
tert-Butyl alcohol
Concen: 0.523 ppbv
RT: 2.052 min Scan# 607
Delta R.T. -0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Instrument : MSVOA_L
ClientSampleId : MDL 0.4

Tgt Ion: 59 Resp: 1212
Ion Ratio Lower Upper
59 100
57 14.4 8.2 12.4

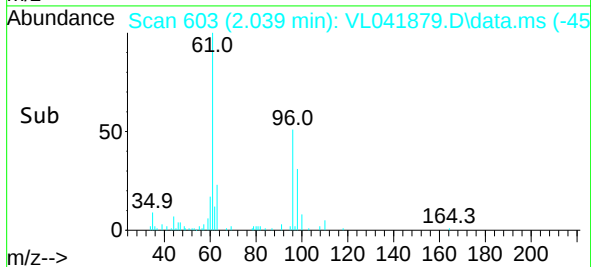
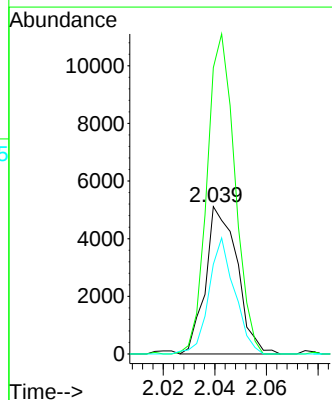
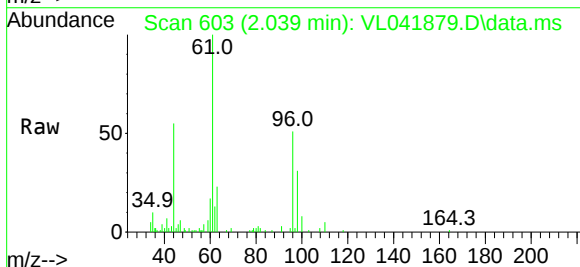
Manual Integrations
APPROVED

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



#18
1,1-Dichloroethene
Concen: 0.581 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

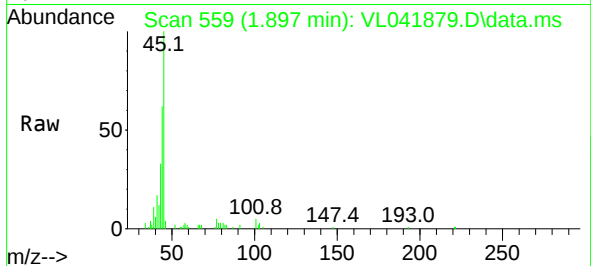
Tgt Ion: 96 Resp: 4350
Ion Ratio Lower Upper
96 100
61 194.2 161.7 242.5
98 60.8 51.0 76.4





#19
Isopropyl Alcohol
Concen: 0.635 ppbv
RT: 1.897 min Scan# 514
Delta R.T. 0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

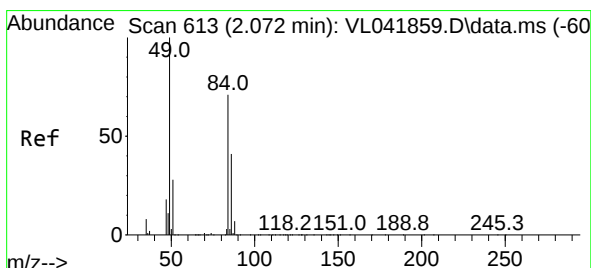
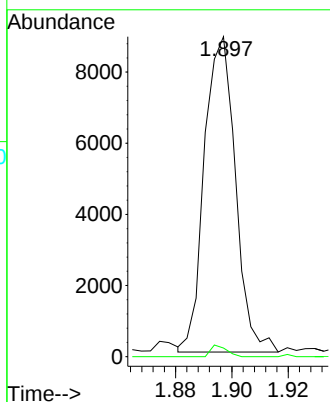
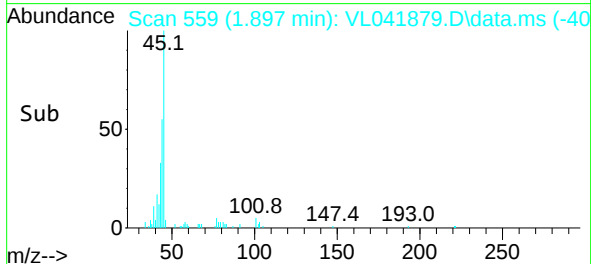
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



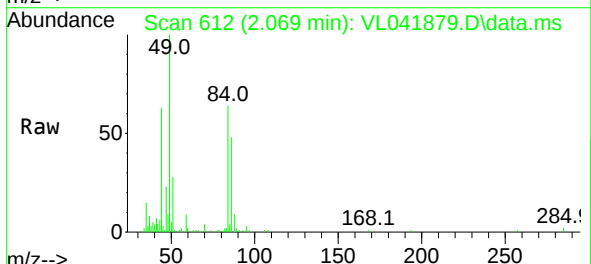
Tgt Ion: 45 Resp: 6814
Ion Ratio Lower Upper
45 100
58 55.2 37.0 55.6

Manual Integrations
APPROVED

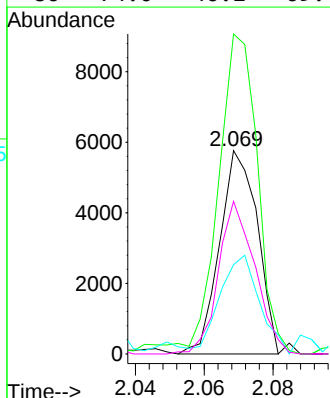
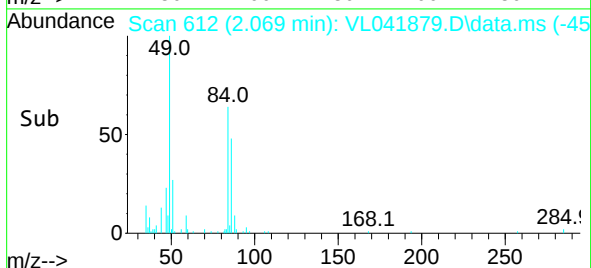
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

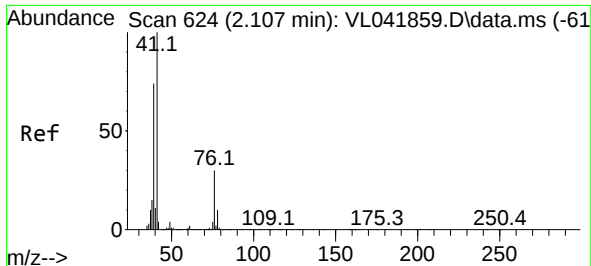


#20
Methylene Chloride
Concen: 0.630 ppbv
RT: 2.069 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



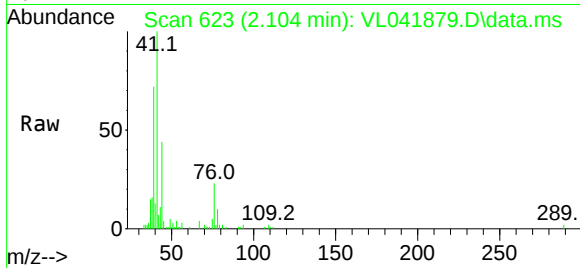
Tgt Ion: 84 Resp: 4388
Ion Ratio Lower Upper
84 100
49 152.1 113.8 170.8
51 40.3 33.5 50.3
86 74.0 46.2 69.4#





#21
 Allyl Chloride
 Concen: 0.500 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

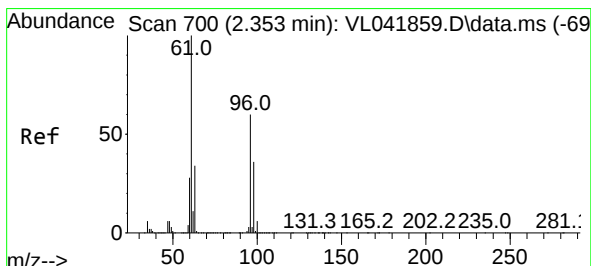
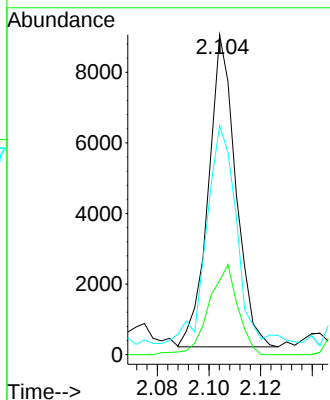
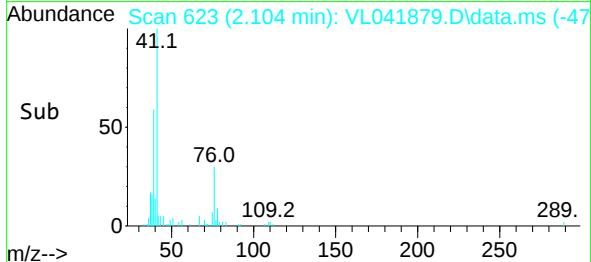
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



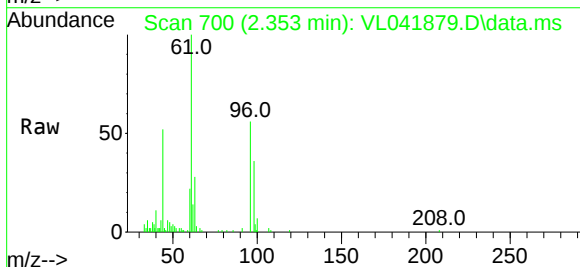
Tgt Ion: 41 Resp: 653
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.6 36.8
 39 94.6 60.1 90.1

Manual Integrations
 APPROVED

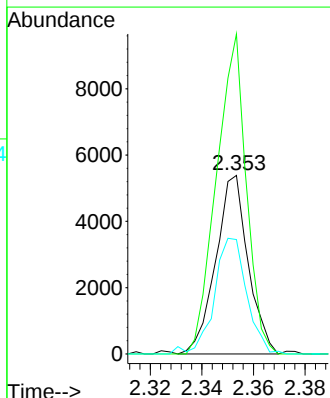
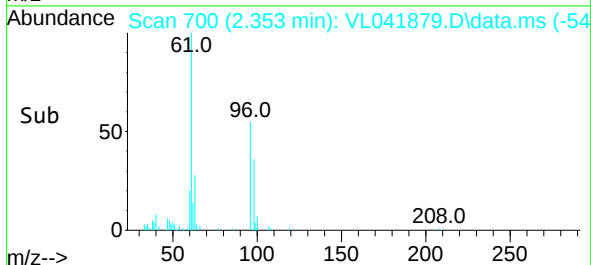
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

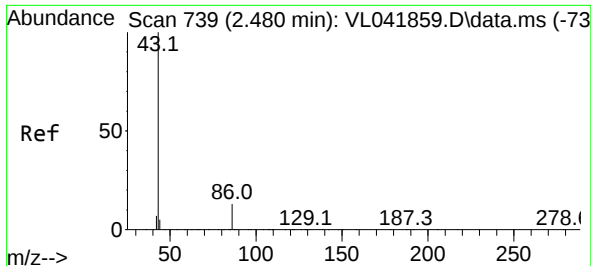


#22
 trans-1,2-Dichloroethene
 Concen: 0.542 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.000 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17



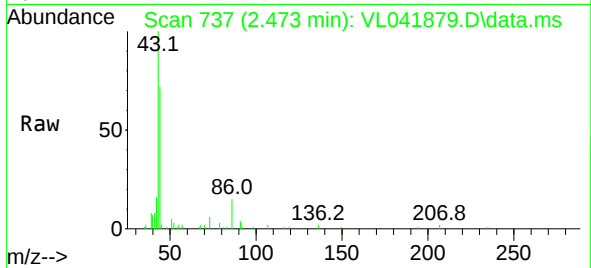
Tgt Ion: 96 Resp: 4697
 Ion Ratio Lower Upper
 96 100
 61 179.2 134.2 201.4
 98 62.5 49.0 73.4





#23
 Vinyl Acetate
 Concen: 0.562 ppbv
 RT: 2.473 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

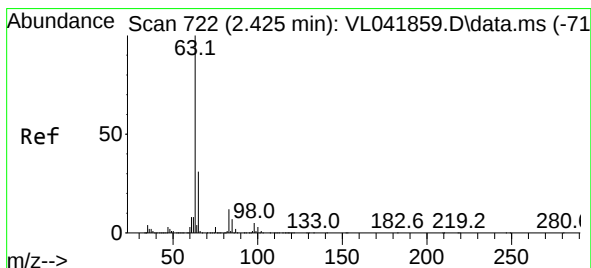
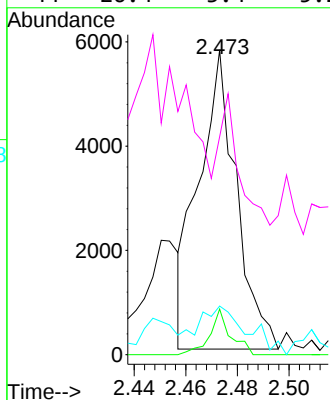
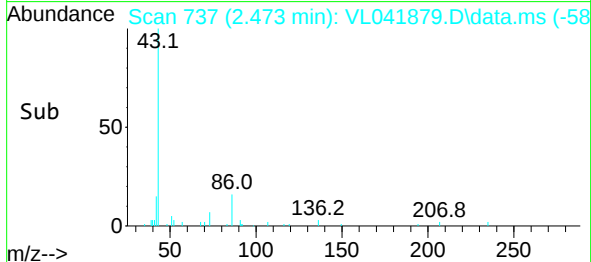
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



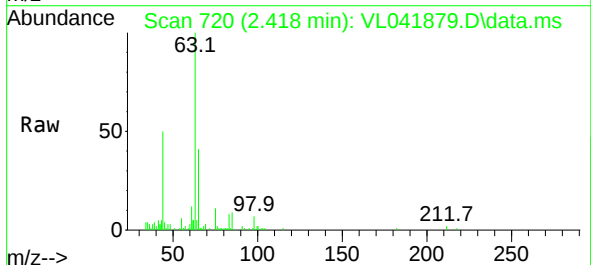
Tgt Ion: 43 Resp: 5814
 Ion Ratio Lower Upper
 43 100
 86 15.2 7.8 11.6#
 42 9.8 7.0 10.4#
 44 26.4 3.4 5.2#

Manual Integrations
 APPROVED

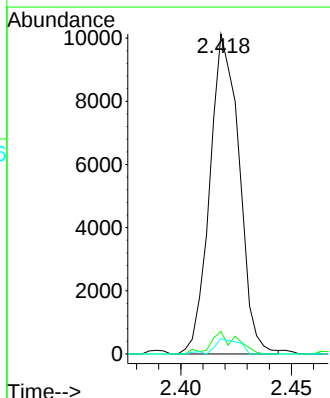
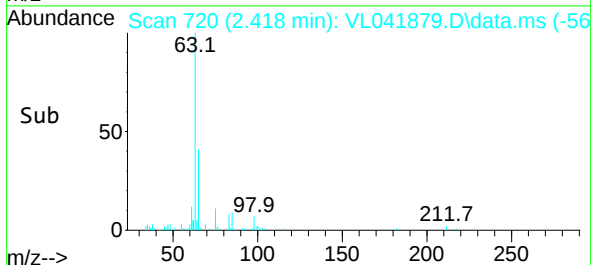
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

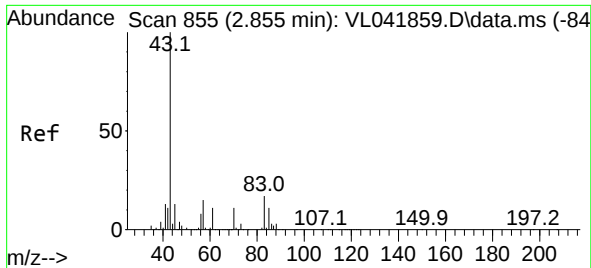


#24
 1,1-Dichloroethane
 Concen: 0.571 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17



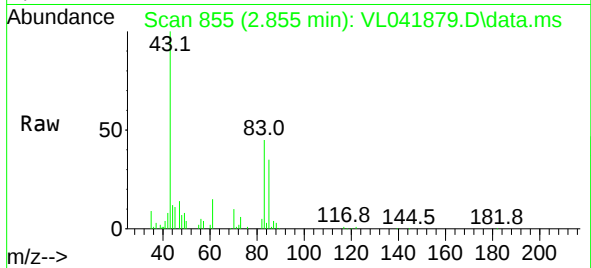
Tgt Ion: 63 Resp: 9364
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.3 6.9#
 100 4.8 1.3 3.8#





#25
Ethyl Acetate
Concen: 0.472 ppbv
RT: 2.855 min Scan# 855
Delta R.T. -0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

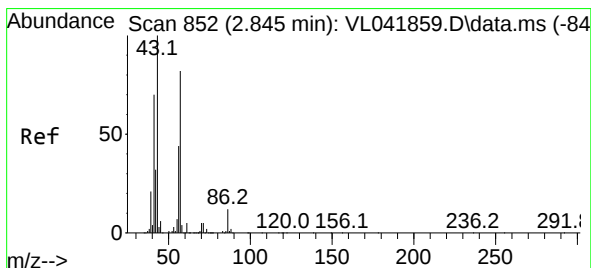
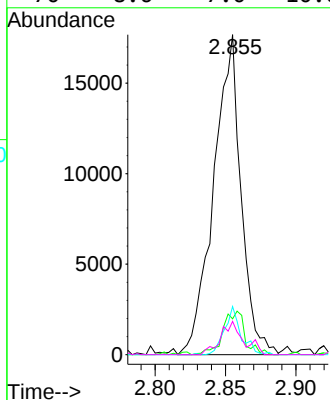
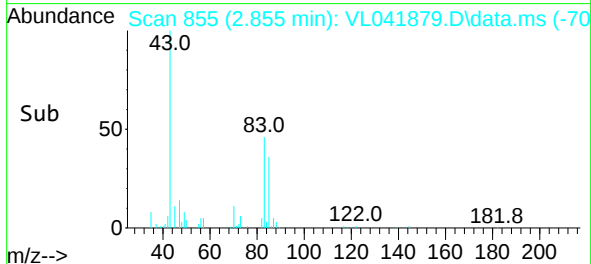
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



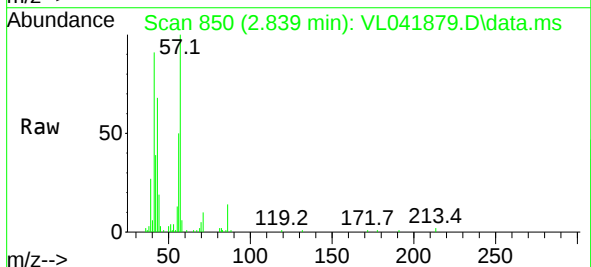
Tgt Ion:	43	Resp:	2396
Ion	Ratio	Lower	Upper
43	100		
45	11.7	8.4	12.6
61	9.1	7.3	10.9
70	8.6	7.0	10.6

Manual Integrations
APPROVED

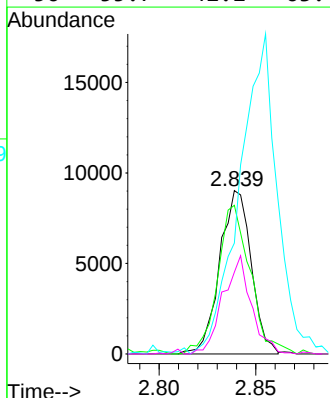
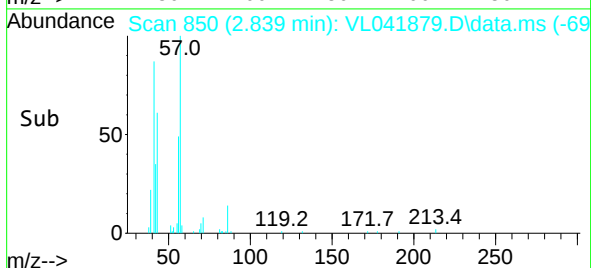
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

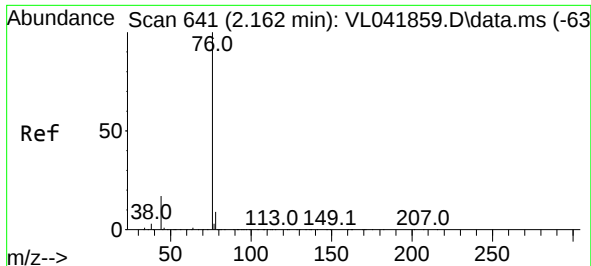


#26
Hexane
Concen: 0.488 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



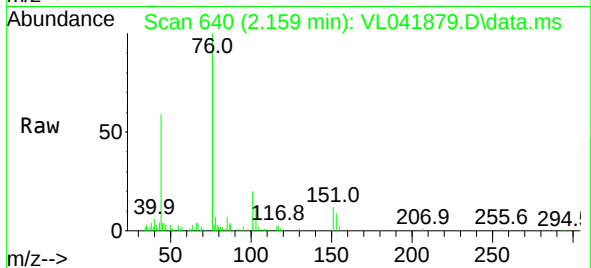
Tgt Ion:	57	Resp:	10202
Ion	Ratio	Lower	Upper
57	100		
41	97.2	71.5	107.3
43	235.8	200.2	300.4
56	55.7	42.2	63.4





#27
Carbon Disulfide
Concen: 0.433 ppbv
RT: 2.159 min Scan# 641
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

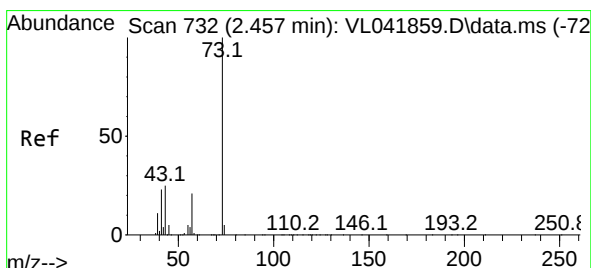
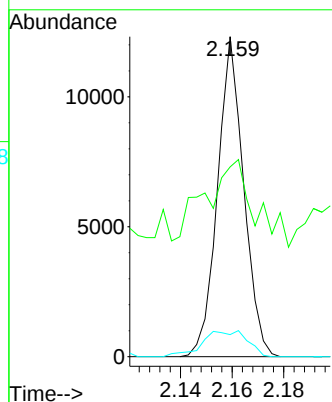
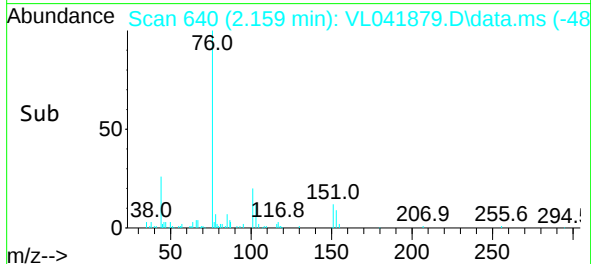
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 76 Resp: 8650
Ion Ratio Lower Upper
76 100
44 105.2 13.1 19.7
78 13.9 9.5 14.3

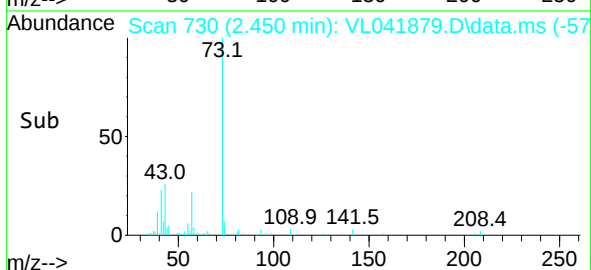
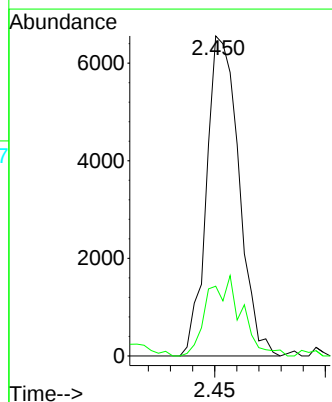
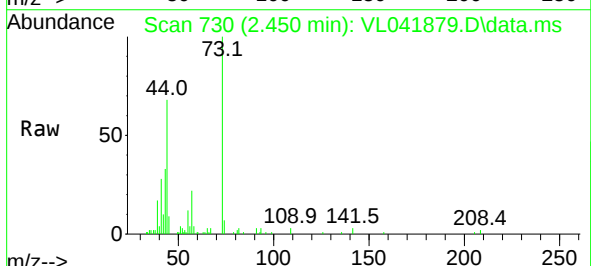
Manual Integrations
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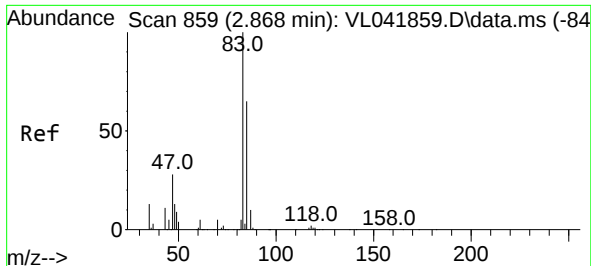
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#28
Methyl tert-Butyl Ether
Concen: 0.418 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 73 Resp: 6661
Ion Ratio Lower Upper
73 100
57 27.6 17.5 26.3





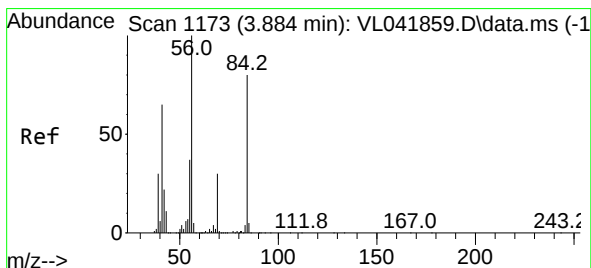
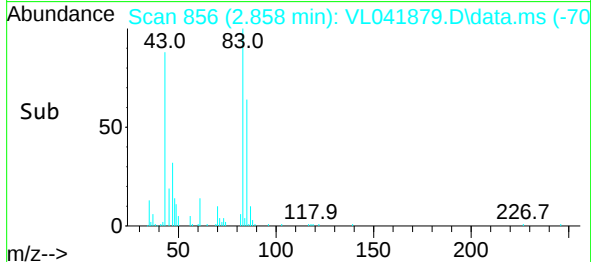
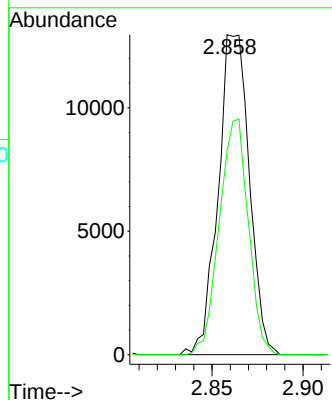
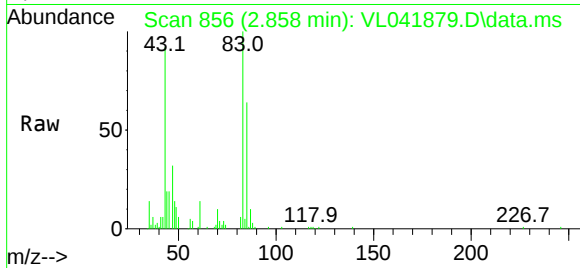
#29
Chloroform
Concen: 0.528 ppbv
RT: 2.858 min Scan# 859
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 83 Resp: 15434
Ion Ratio Lower Upper
83 100
85 63.7 51.7 77.5

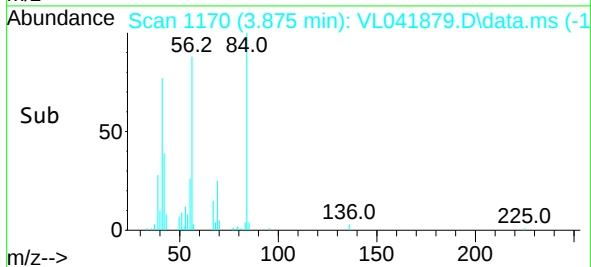
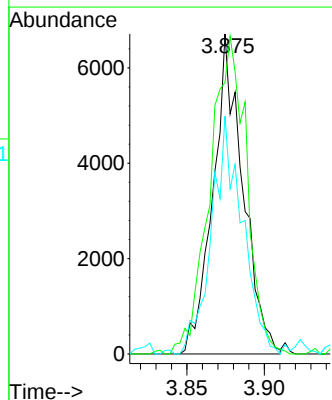
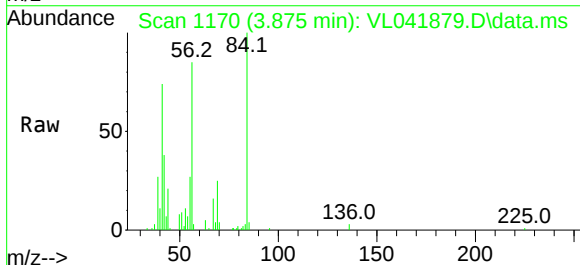
Manual Integrations
APPROVED

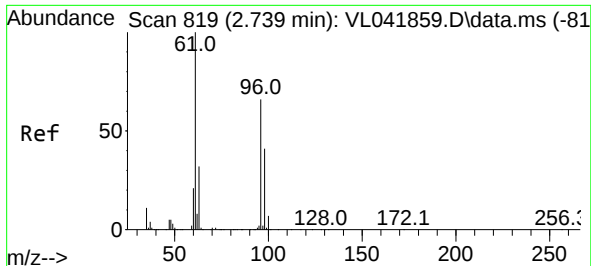
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#30
Cyclohexane
Concen: 0.502 ppbv
RT: 3.875 min Scan# 1170
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

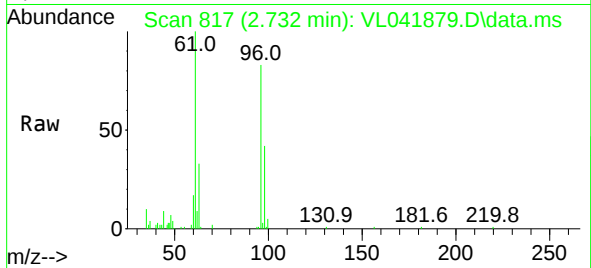
Tgt Ion: 84 Resp: 8999
Ion Ratio Lower Upper
84 100
56 121.3 100.7 151.1
41 79.7 62.8 94.2





#31
 cis-1,2-Dichloroethene
 Concen: 0.488 ppbv m
 RT: 2.732 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

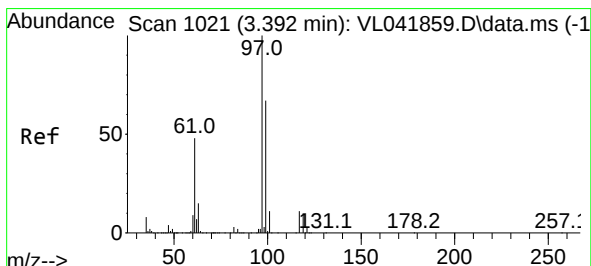
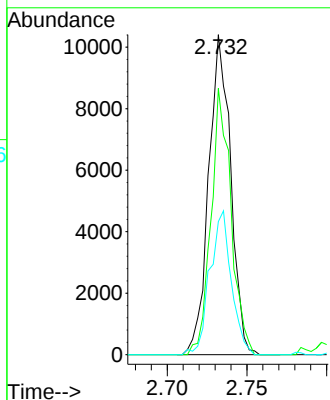
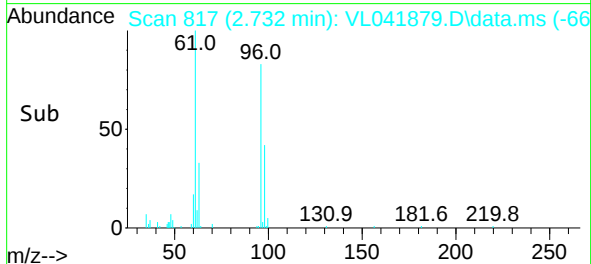
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



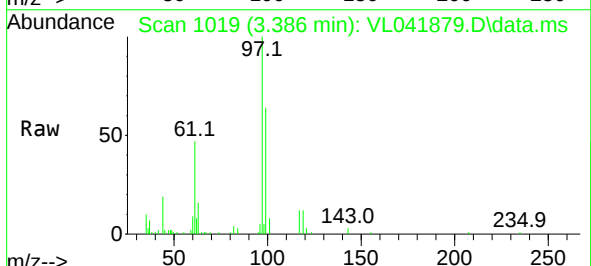
Tgt Ion: 61 Resp: 995
 Ion Ratio Lower Upper
 61 100
 96 83.2 53.2 79.8
 98 41.6 32.5 48.7

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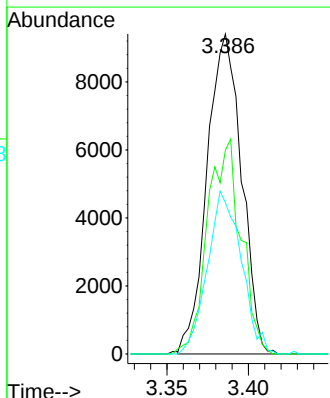
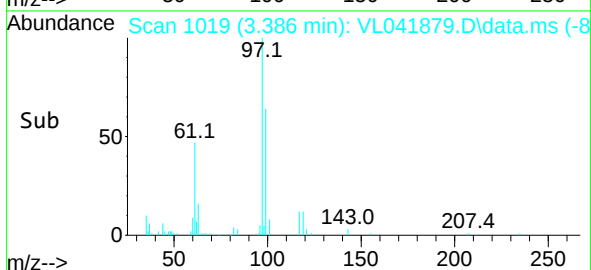
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

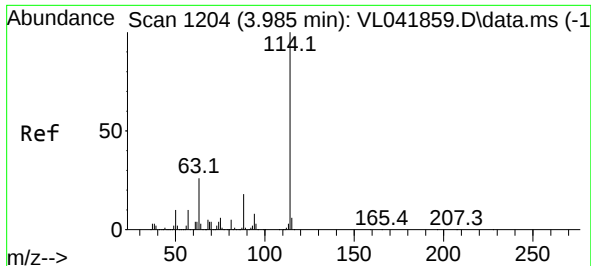


#32
 1,1,1-Trichloroethane
 Concen: 0.477 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17



Tgt Ion: 97 Resp: 13839
 Ion Ratio Lower Upper
 97 100
 99 65.4 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. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:114 Resp: 366220

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

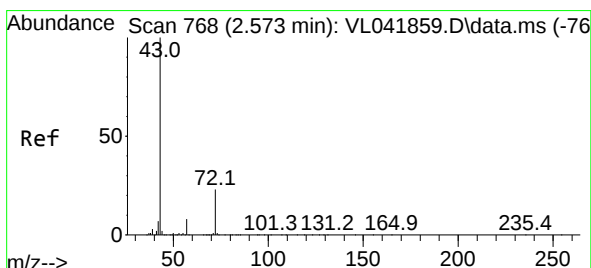
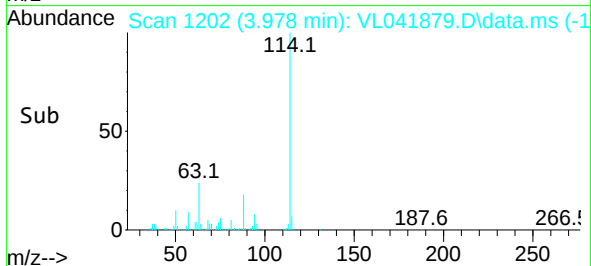
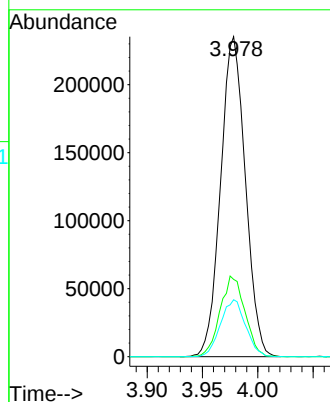
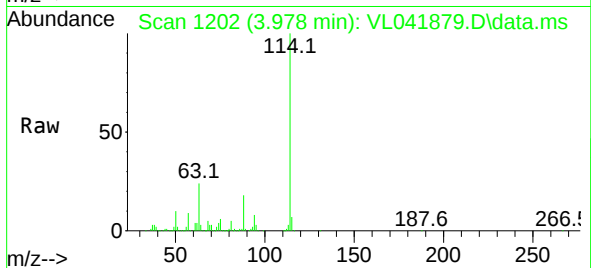
88 18.1 14.6 21.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#34

2-Butanone

Concen: 0.490 ppbv

RT: 2.573 min Scan# 768

Delta R.T. -0.000 min

Lab File: VL041879.D

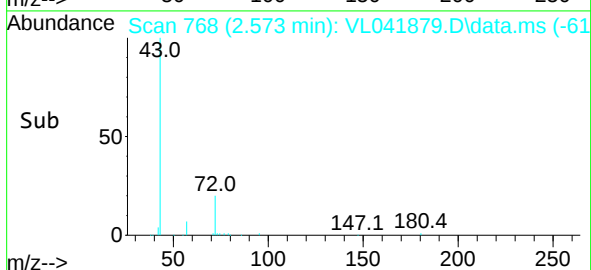
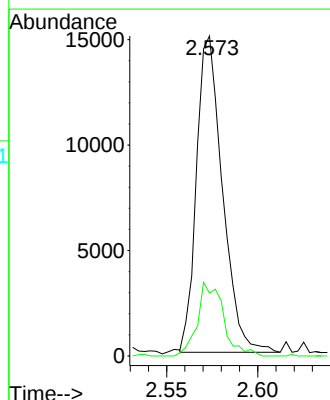
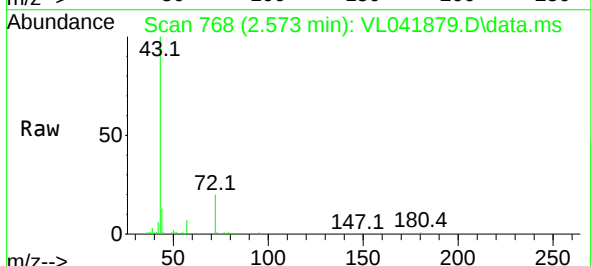
Acq: 09 Jan 2025 22:17

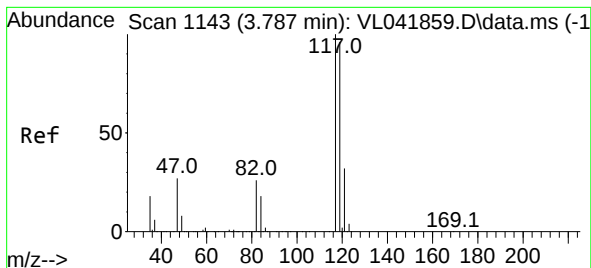
Tgt Ion: 43 Resp: 14922

Ion Ratio Lower Upper

43 100

72 23.1 18.5 27.7





#35

Carbon Tetrachloride

Concen: 0.432 ppbv m

RT: 3.781 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VL041879.D

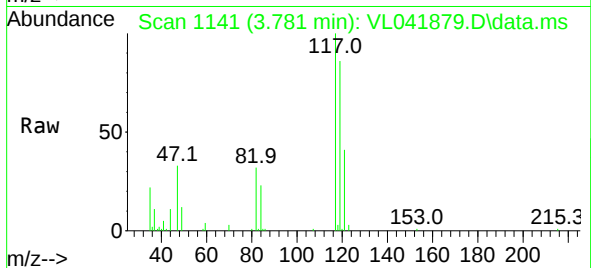
Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion: 117 Resp: 12308

Ion Ratio Lower Upper

117 100

119 85.6 76.9 115.3

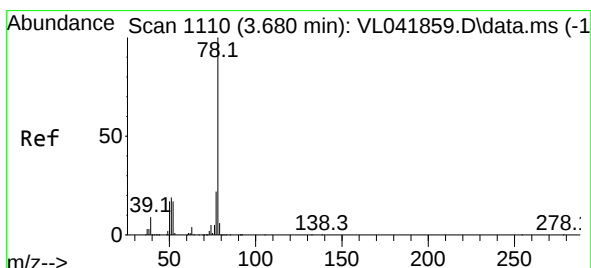
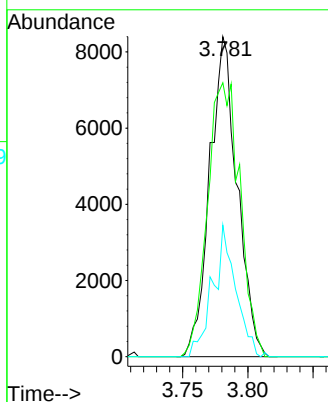
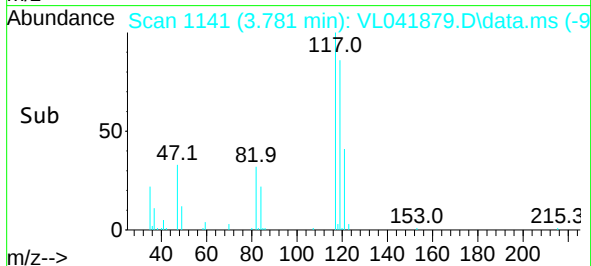
121 41.1 25.9 38.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#36

Benzene

Concen: 0.457 ppbv

RT: 3.677 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

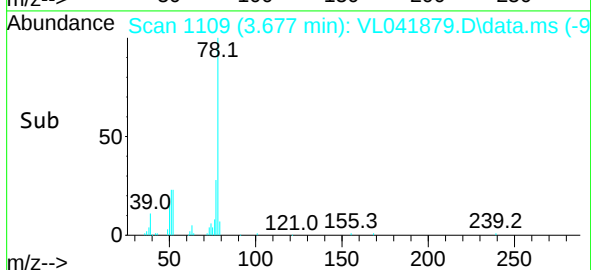
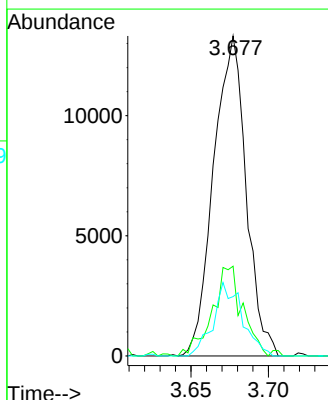
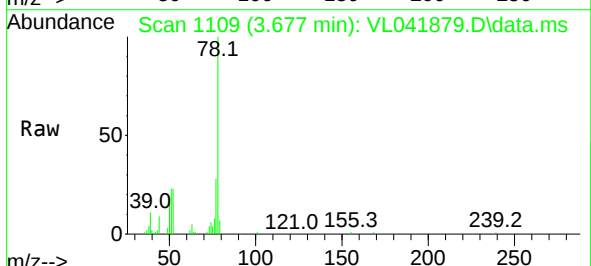
Tgt Ion: 78 Resp: 19420

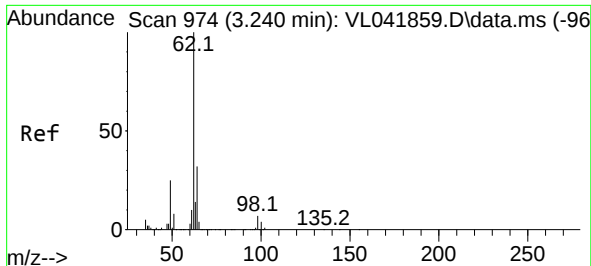
Ion Ratio Lower Upper

78 100

77 28.1 17.9 26.9

50 18.6 13.7 20.5





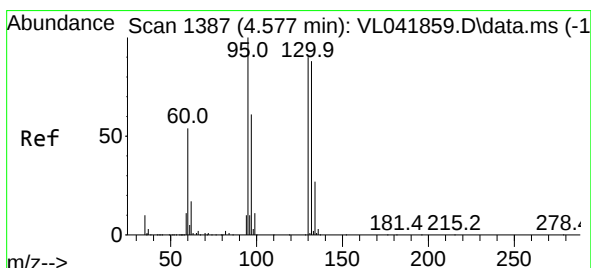
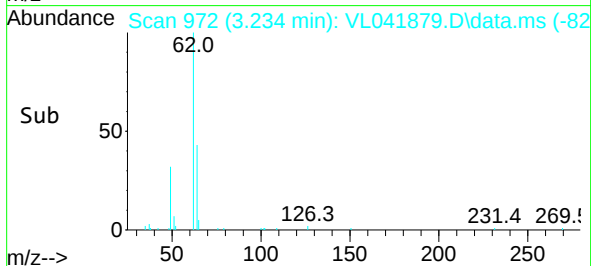
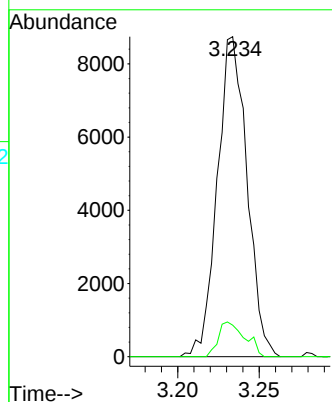
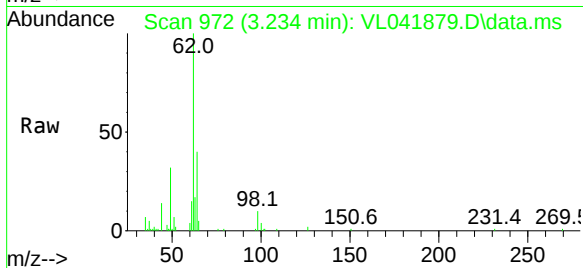
#37
1,2-Dichloroethane
Concen: 0.497 ppbv
RT: 3.234 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 62 Resp: 11074
Ion Ratio Lower Upper
62 100
98 9.7 5.6 8.4

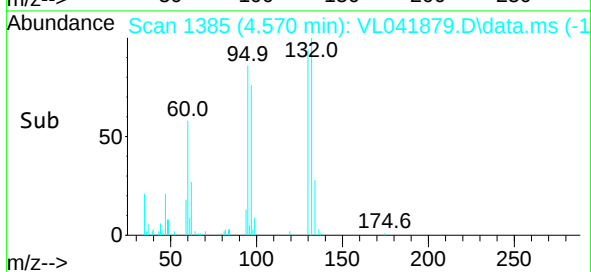
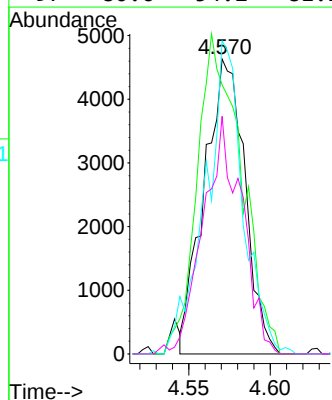
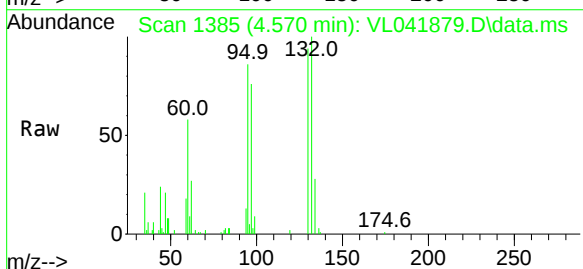
Manual Integrations
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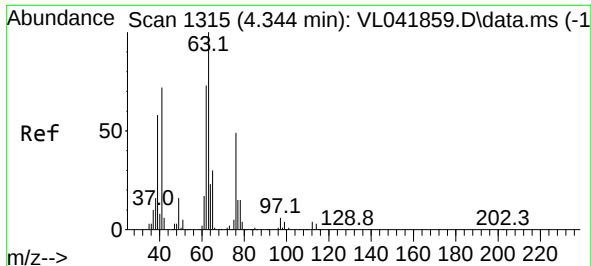
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#38
Trichloroethene
Concen: 0.477 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion:130 Resp: 7999
Ion Ratio Lower Upper
130 100
95 91.2 88.5 132.7
132 104.8 78.2 117.2
97 80.6 54.2 81.2





#39

1,2-Dichloropropane

Concen: 0.496 ppbv

RT: 4.337 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL041879.D

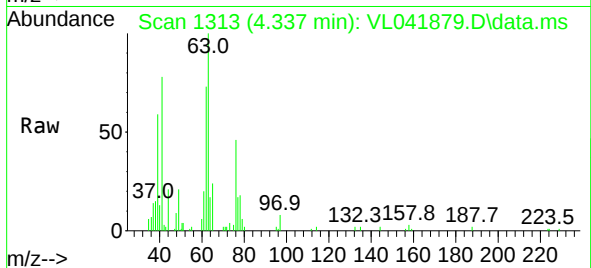
Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

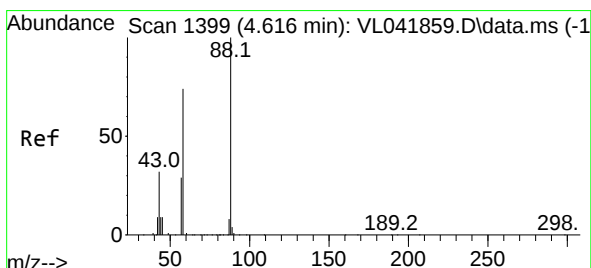
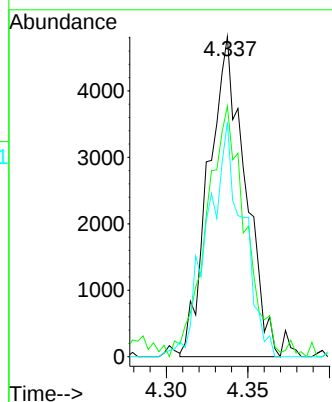
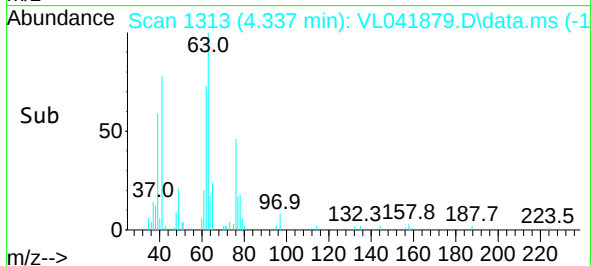


Tgt Ion:	63	Resp:	749
Ion	Ratio	Lower	Upper
63	100		
41	65.6	58.0	87.0
62	62.6	58.6	87.8

Manual Integrations

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



#40

1,4-Dioxane

Concen: 0.496 ppbv m

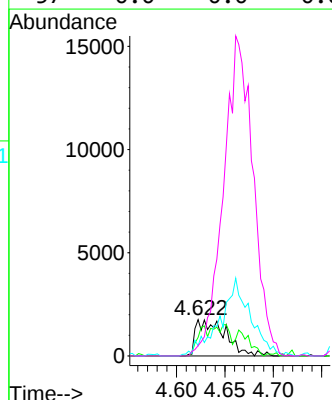
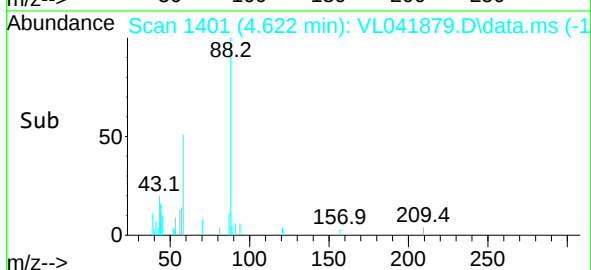
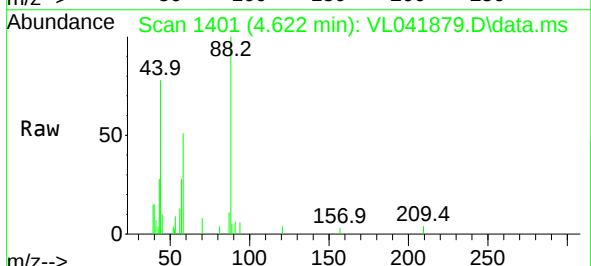
RT: 4.622 min Scan# 1401

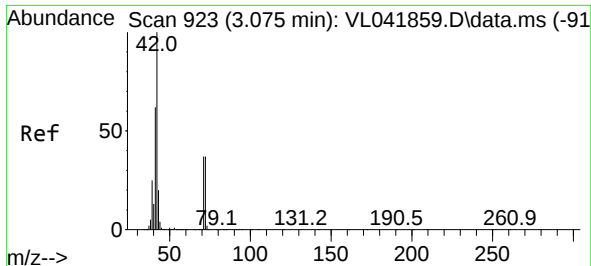
Delta R.T. 0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

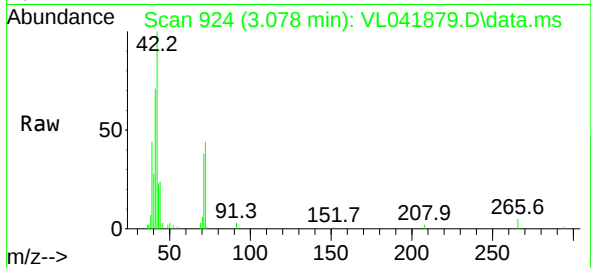
Tgt Ion:	88	Resp:	3773
Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.2	78.4
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.409 ppbv
RT: 3.078 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

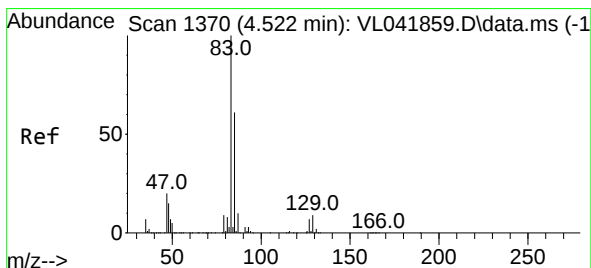
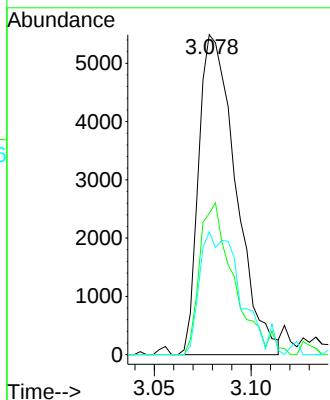
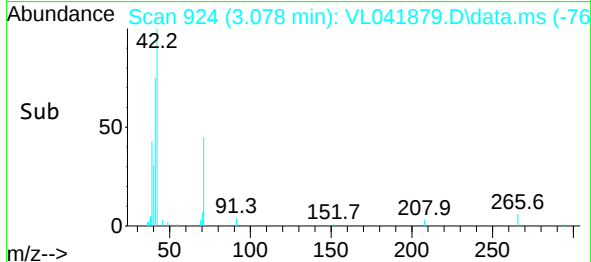
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 42 Resp: 731
Ion Ratio Lower Upper
42 100
72 45.4 30.8 46.2
71 43.4 30.1 45.1

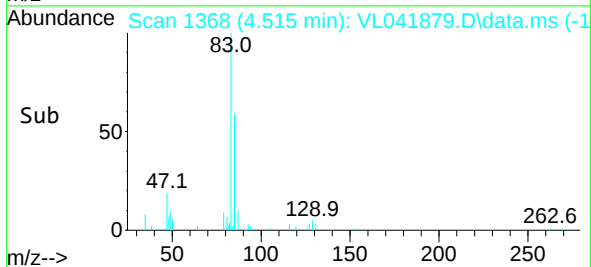
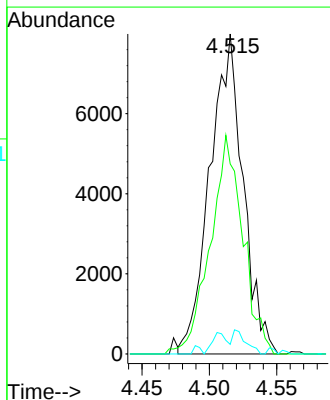
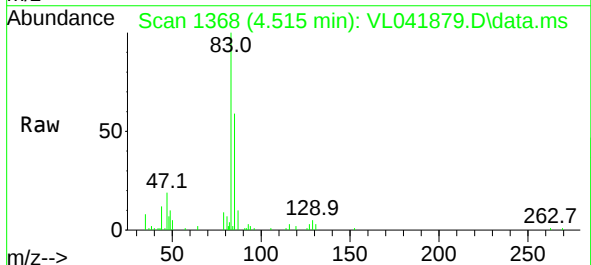
Manual Integrations
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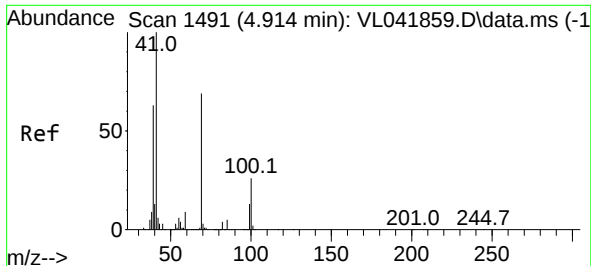
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#42
Bromodichloromethane
Concen: 0.445 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

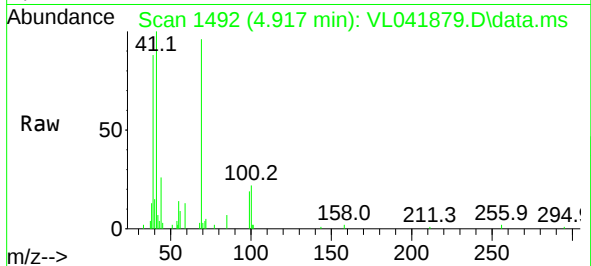
Tgt Ion: 83 Resp: 13624
Ion Ratio Lower Upper
83 100
85 59.4 48.9 73.3
127 3.0 5.4 8.2#





#43
Methyl Methacrylate
Concen: 0.428 ppbv m
RT: 4.917 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

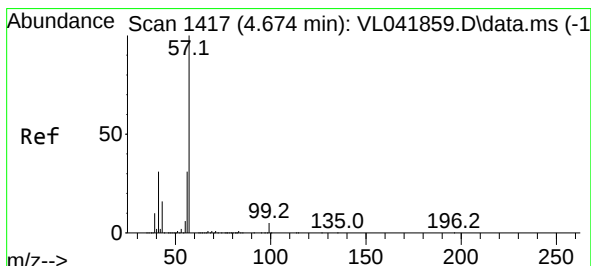
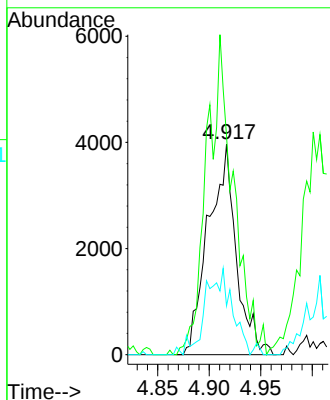
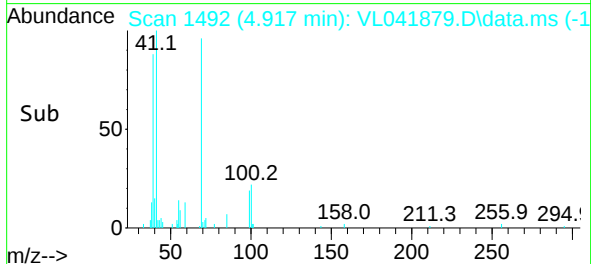
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 69 Resp: 7450
Ion Ratio Lower Upper
69 100
41 147.8 116.2 174.4
100 40.1 29.8 44.8

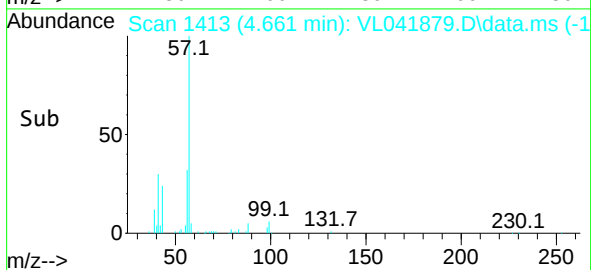
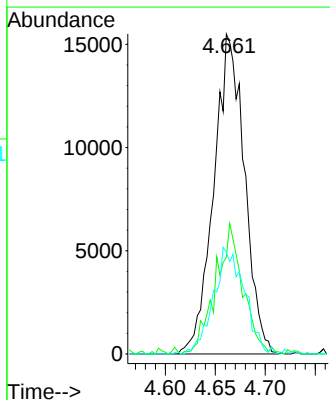
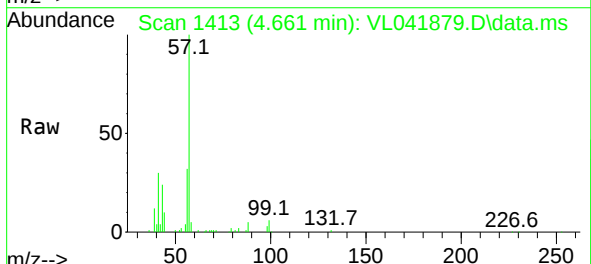
Manual Integrations
APPROVED

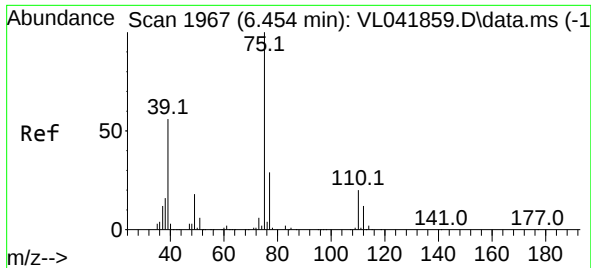
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 0.460 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.013 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 57 Resp: 32989
Ion Ratio Lower Upper
57 100
41 36.9 25.5 38.3
56 33.7 25.6 38.4





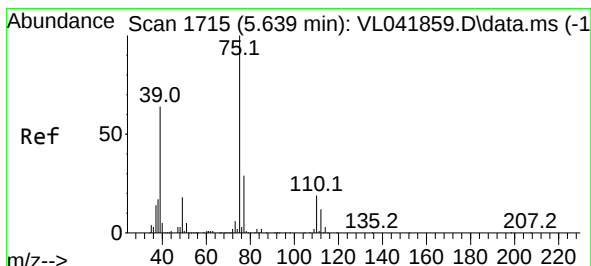
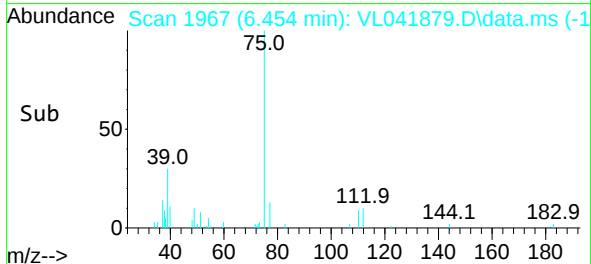
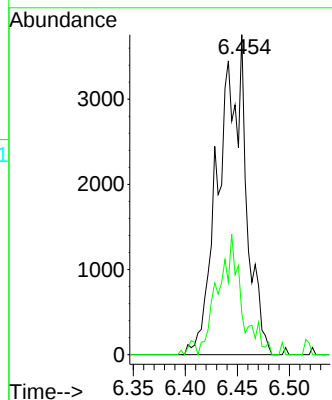
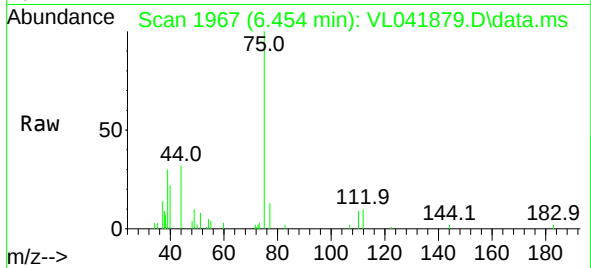
#45
t-1,3-Dichloropropene
Concen: 0.383 ppbv m
RT: 6.454 min Scan# 1967
Delta R.T. 0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 75 Resp: 6820
Ion Ratio Lower Upper
75 100
77 12.9 23.4 35.2

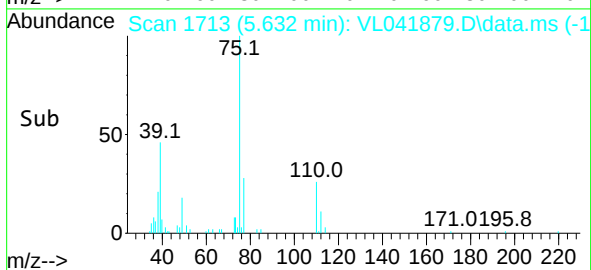
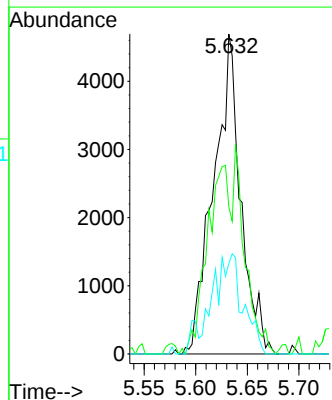
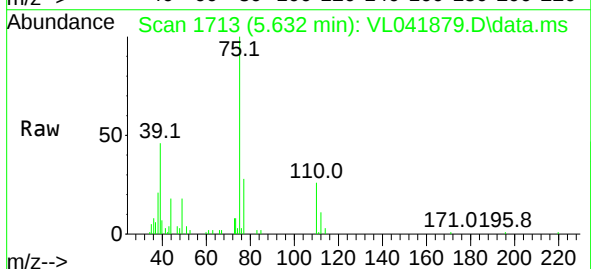
Manual Integrations
APPROVED

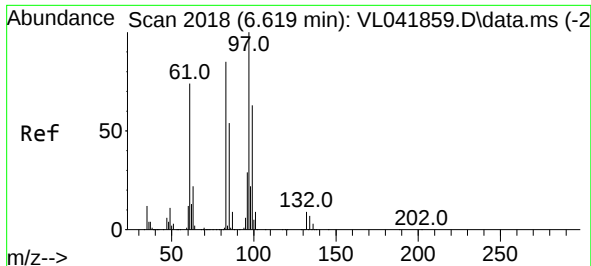
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#46
cis-1,3-Dichloropropene
Concen: 0.376 ppbv m
RT: 5.632 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 75 Resp: 8585
Ion Ratio Lower Upper
75 100
39 46.0 51.4 77.2#
77 28.2 23.0 34.4





#47

1,1,2-Trichloroethane

Concen: 0.484 ppbv m

RT: 6.616 min Scan# 2018

Delta R.T. -0.003 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

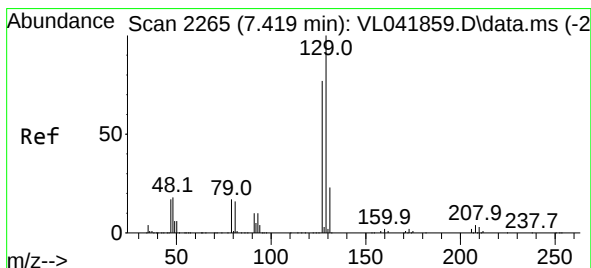
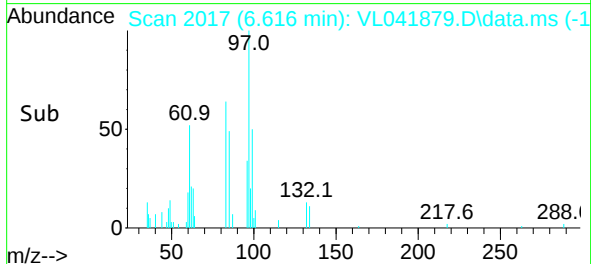
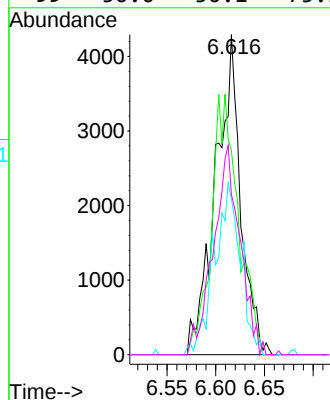
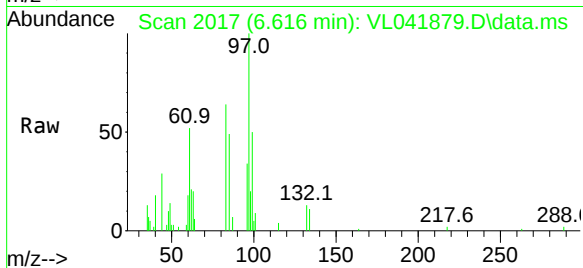
MDL 0.4

Tgt Ion:	97	Resp:	7689
Ion	Ratio	Lower	Upper
97	100		
83	63.8	68.1	102.1
85	48.6	43.4	65.2
99	50.0	50.1	75.1

Manual Integrations

APPROVED

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



#48

Dibromochloromethane

Concen: 0.412 ppbv m

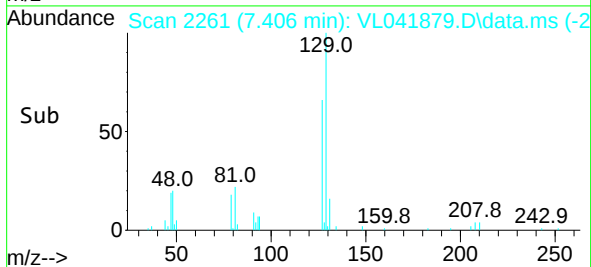
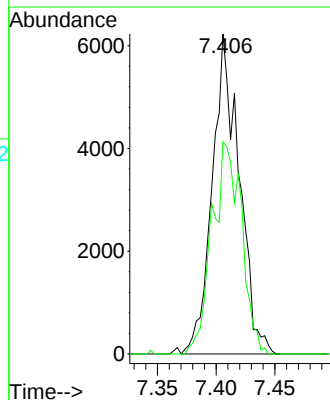
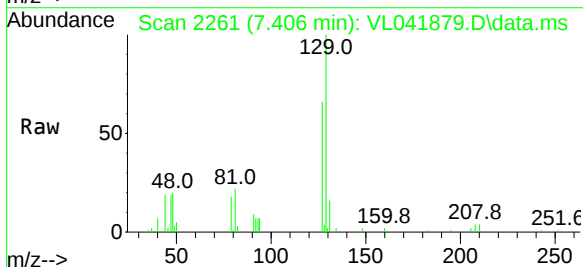
RT: 7.406 min Scan# 2261

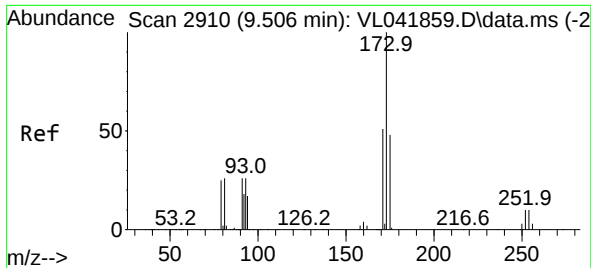
Delta R.T. -0.013 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

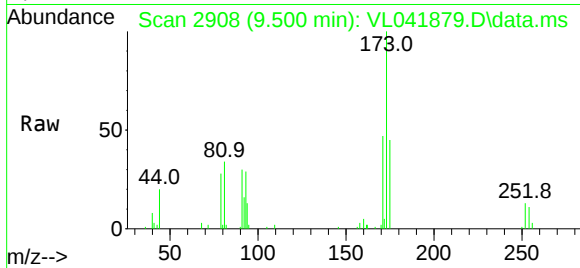
Tgt Ion:	129	Resp:	9931
Ion	Ratio	Lower	Upper
129	100		
127	72.5	39.4	118.1





#49
Bromoform
Concen: 0.369 ppbv
RT: 9.500 min Scan# 2910
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

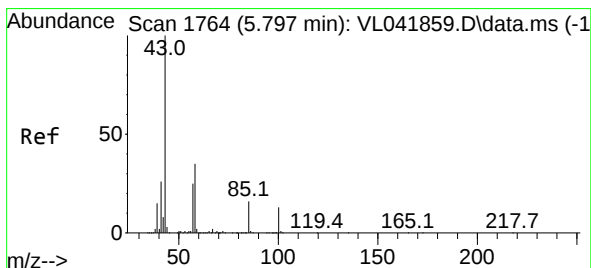
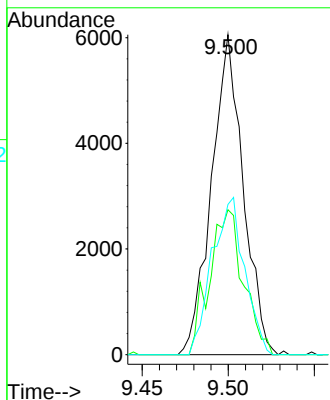
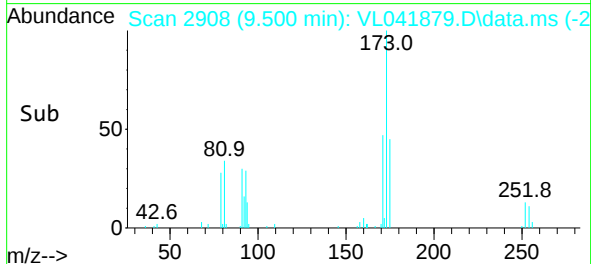
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



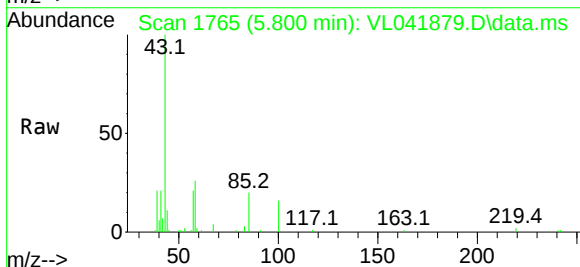
Tgt Ion: 173 Resp: 7759
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
171 50.5 41.3 61.9

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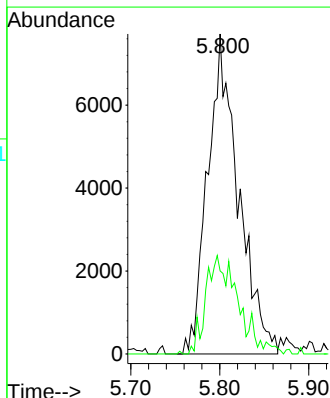
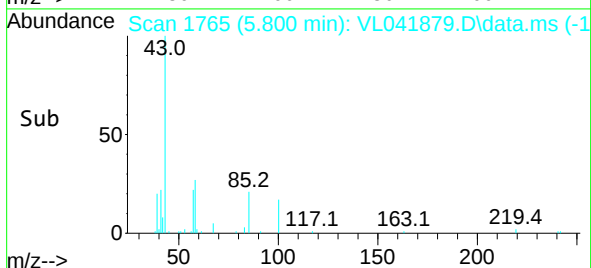
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

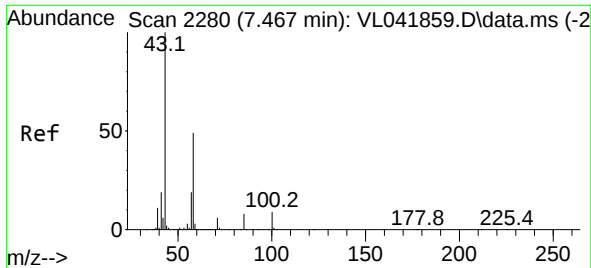


#50
4-Methyl-2-Pentanone
Concen: 0.425 ppbv m
RT: 5.800 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



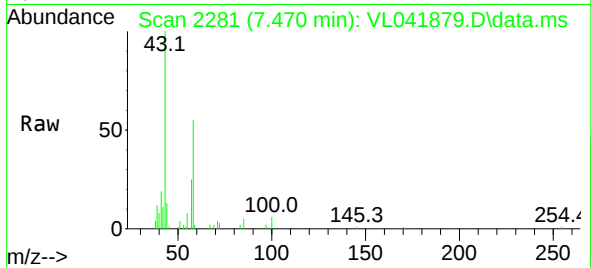
Tgt Ion: 43 Resp: 18471
Ion Ratio Lower Upper
43 100
58 32.6 29.4 44.2





#51
2-Hexanone
Concen: 0.393 ppbv m
RT: 7.470 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

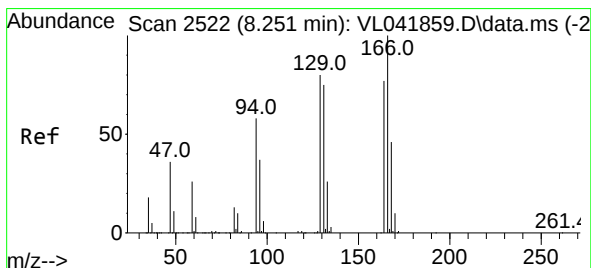
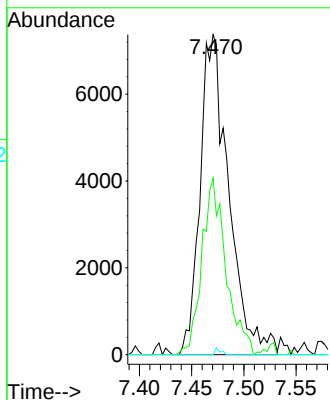
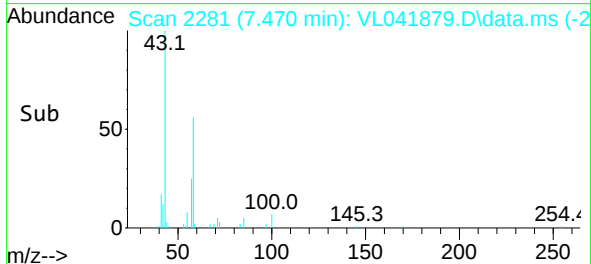
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.0 0.1 0.1

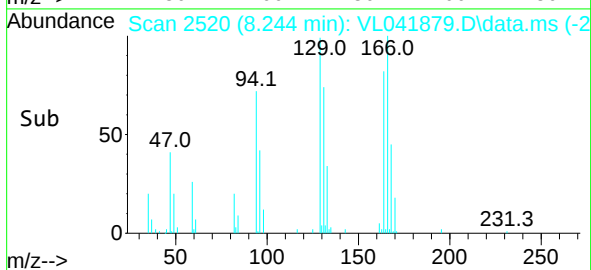
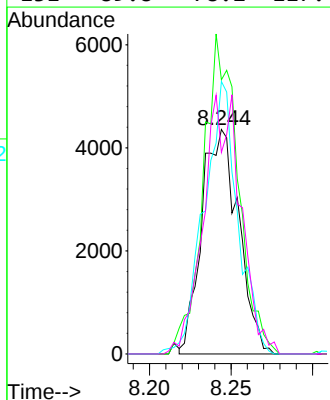
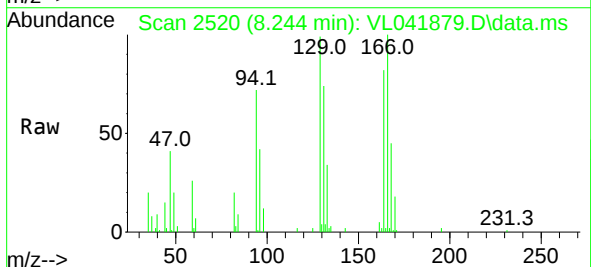
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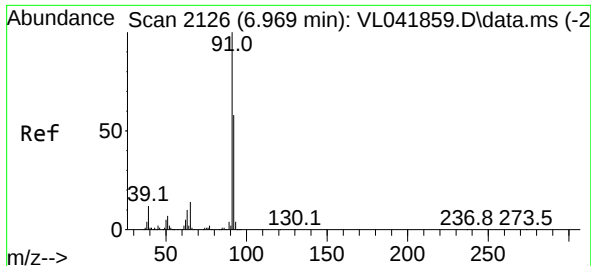
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#52
Tetrachloroethene
Concen: 0.421 ppbv m
RT: 8.244 min Scan# 2520
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

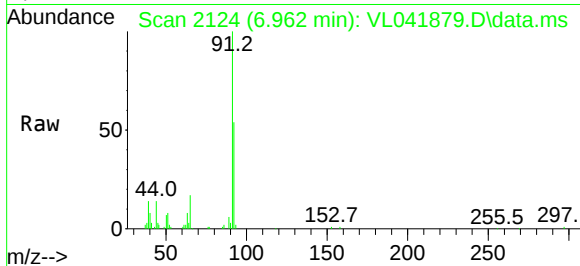
Tgt Ion:164 Resp: 6847
Ion Ratio Lower Upper
164 100
166 122.1 103.6 155.4
129 121.4 82.6 123.8
131 89.8 78.2 117.4





#53
Toluene
Concen: 0.443 ppbv
RT: 6.962 min Scan# 2126
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

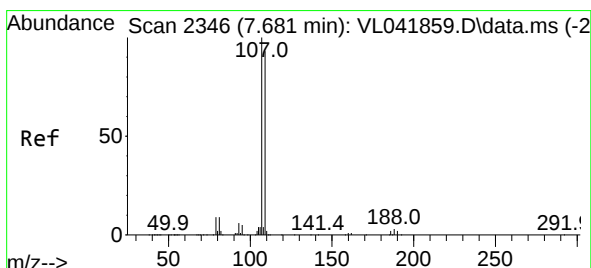
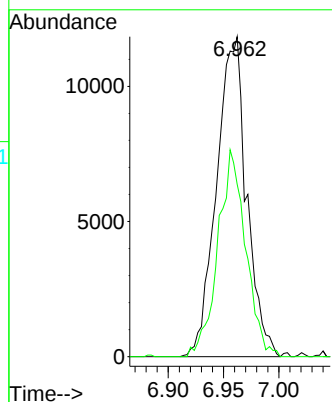
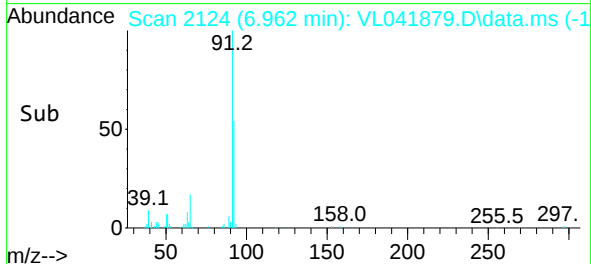
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



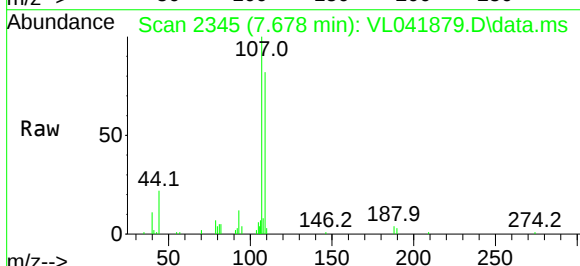
Tgt Ion: 91 Resp: 22390
Ion Ratio Lower Upper
91 100
92 59.8 47.2 70.8

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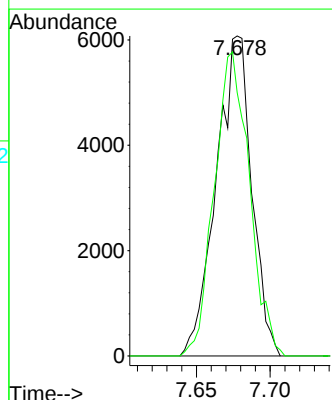
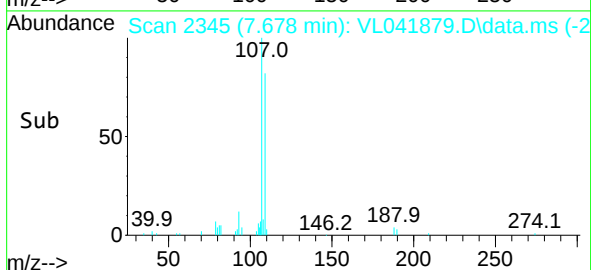
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

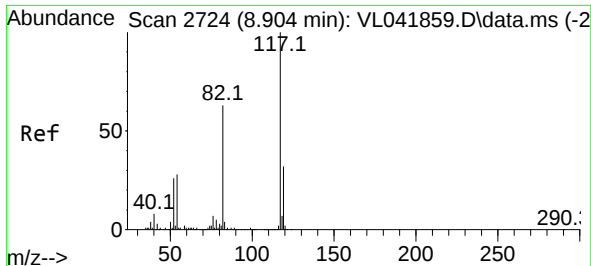


#54
1,2-Dibromoethane
Concen: 0.470 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



Tgt Ion:107 Resp: 10163
Ion Ratio Lower Upper
107 100
109 82.4 74.6 112.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:117 Resp: 32963

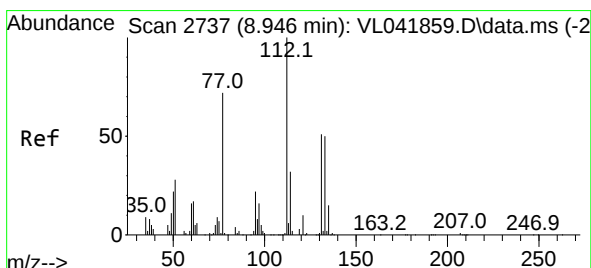
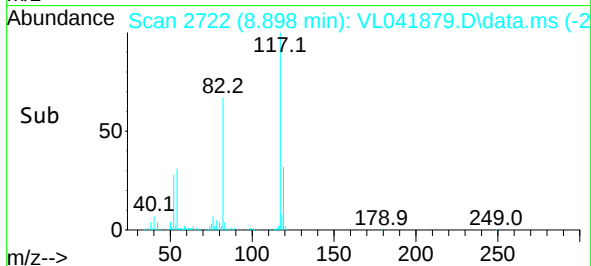
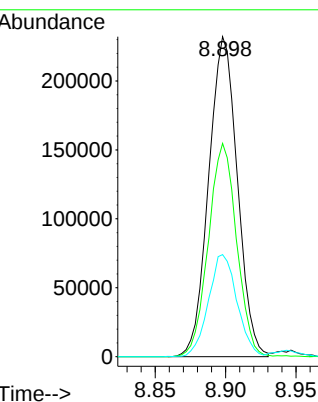
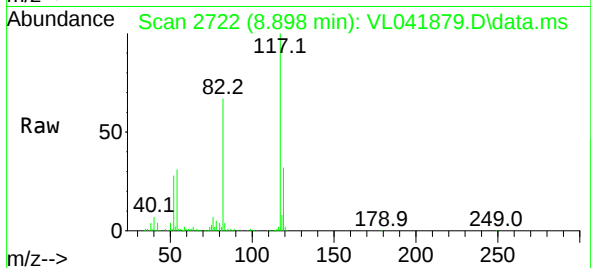
Ion	Ratio	Lower	Upper
117	100		
82	65.7	54.5	81.7
119	32.1	24.6	37.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 0.429 ppbv

RT: 8.943 min Scan# 2736

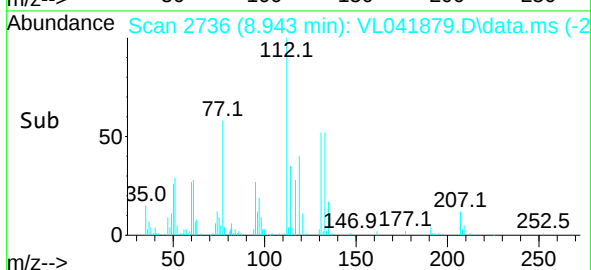
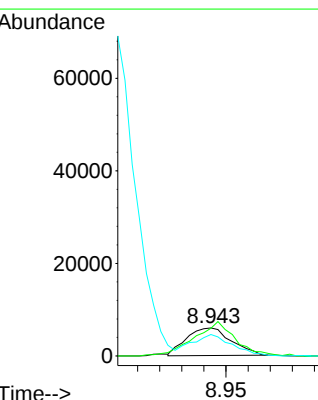
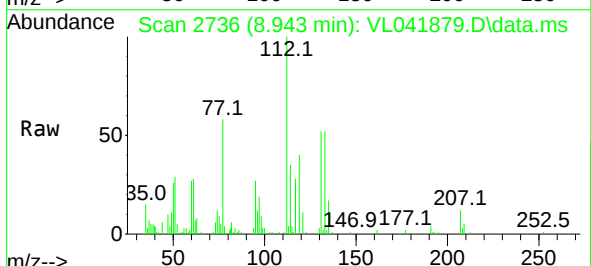
Delta R.T. -0.003 min

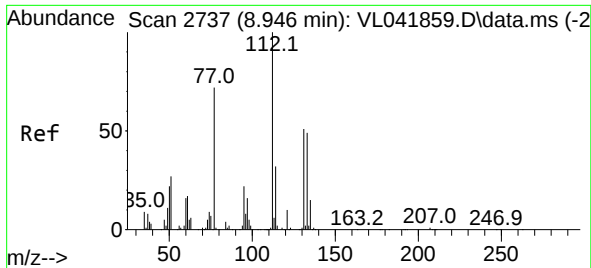
Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Tgt Ion:131 Resp: 8421

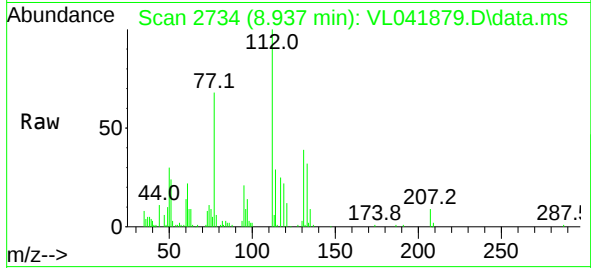
Ion	Ratio	Lower	Upper
131	100		
133	114.8	77.4	116.2
119	50.5	49.4	74.0





#57
Chlorobenzene
Concen: 0.515 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

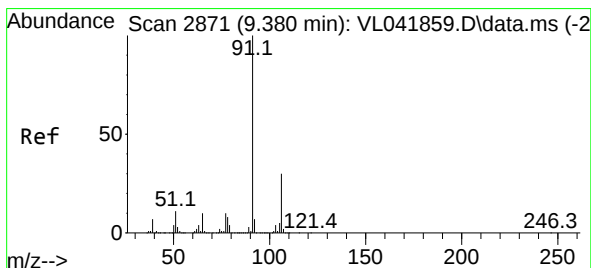
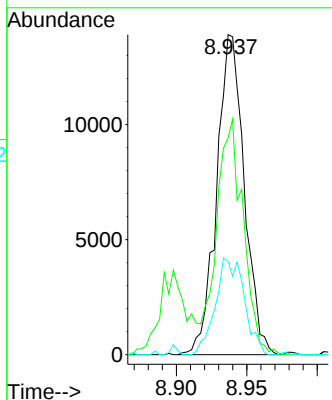
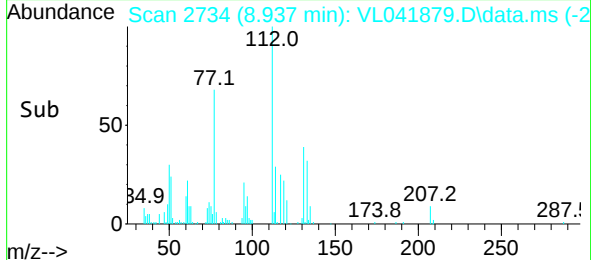
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion:112 Resp: 18928
Ion Ratio Lower Upper
112 100
77 67.2 58.3 87.5
114 29.0 28.9 35.3

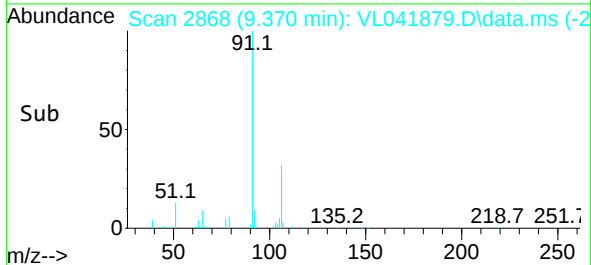
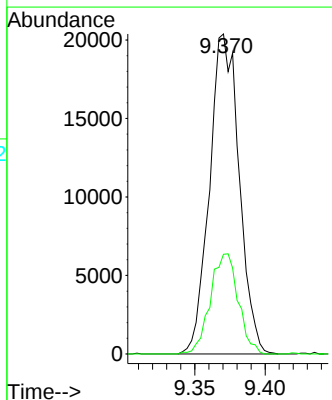
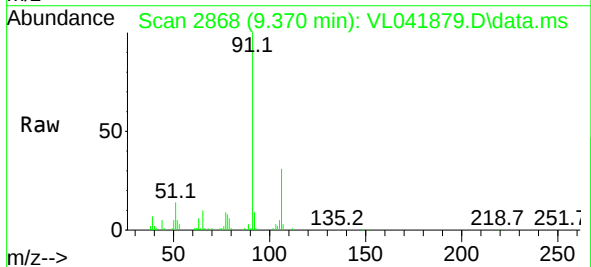
Manual Integrations
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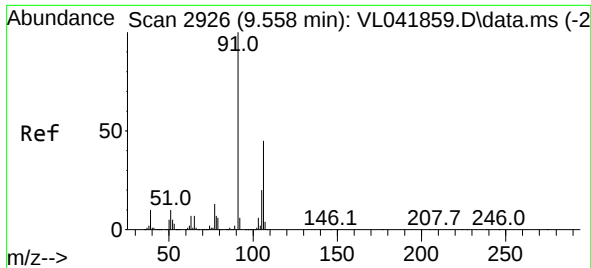
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#58
Ethyl Benzene
Concen: 0.441 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 91 Resp: 29858
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2





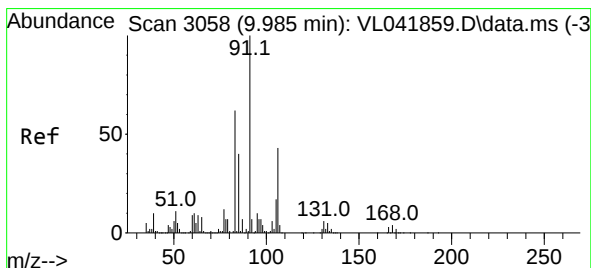
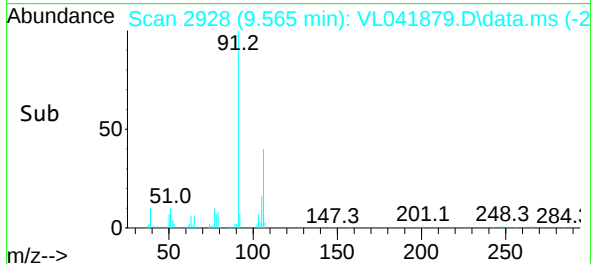
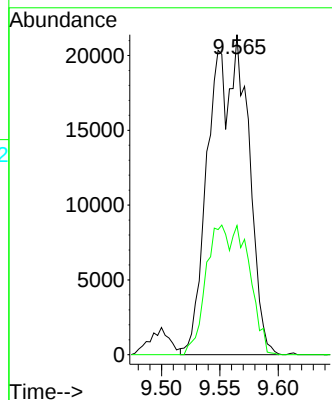
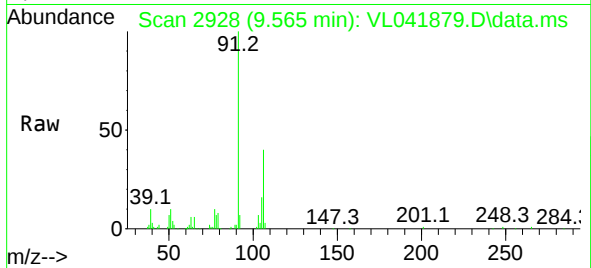
#59
m/p-Xylene
Concen: 0.922 ppbv m
RT: 9.565 min Scan# 2926
Delta R.T. 0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion: 91 Resp: 49404
Ion Ratio Lower Upper
91 100
106 43.8 0.0 0.0

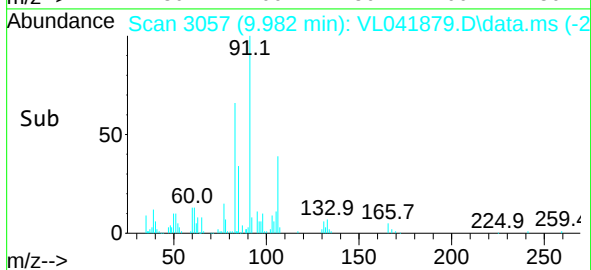
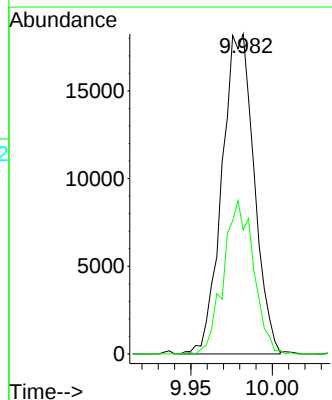
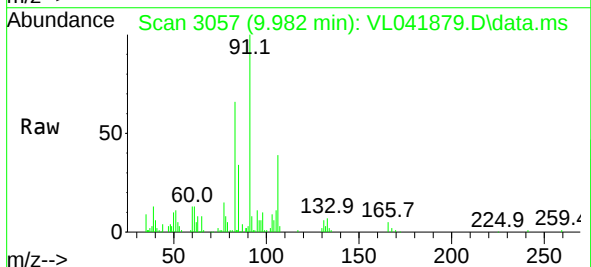
Manual Integrations
APPROVED

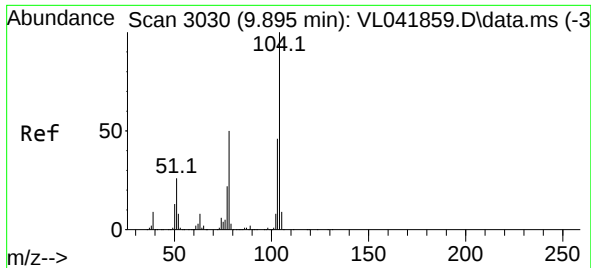
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#60
o-Xylene
Concen: 0.468 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

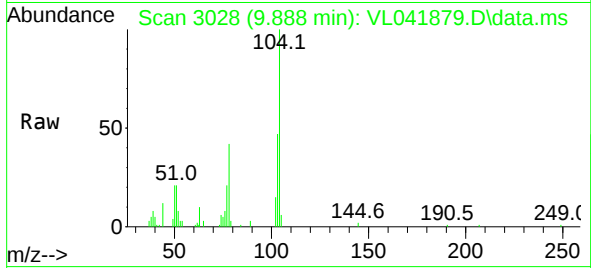
Tgt Ion: 91 Resp: 24990
Ion Ratio Lower Upper
91 100
106 44.8 21.4 64.3





#61
Styrene
Concen: 0.379 ppbv
RT: 9.888 min Scan# 3030
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

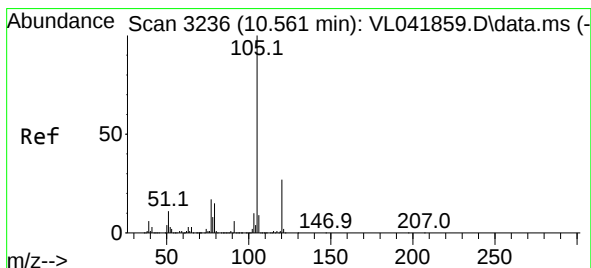
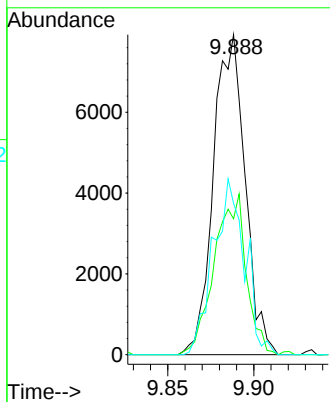
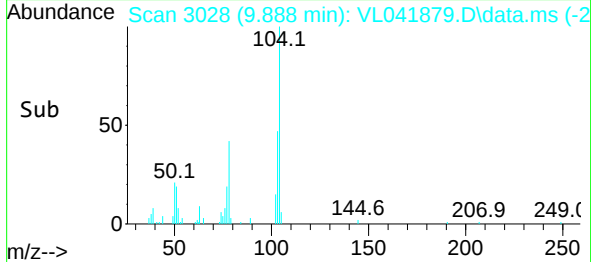
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



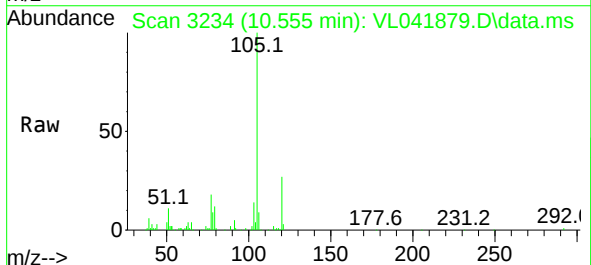
Tgt Ion:104 Resp: 10124
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 54.9 37.0 55.6

Manual Integrations
APPROVED

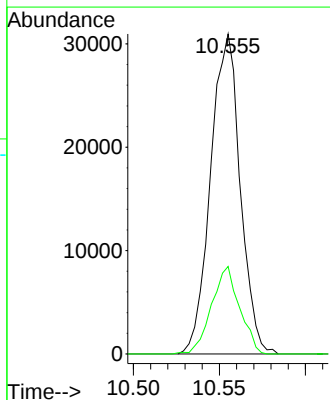
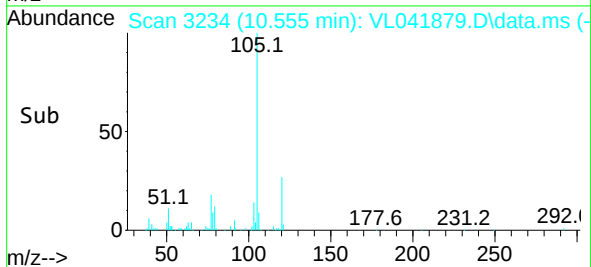
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

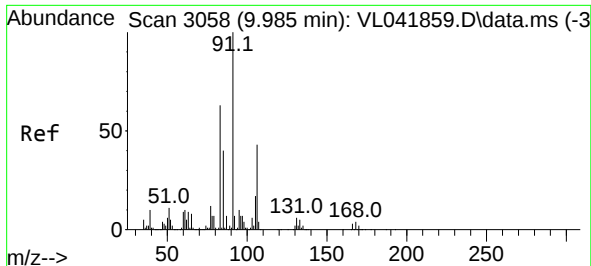


#62
Isopropylbenzene
Concen: 0.461 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



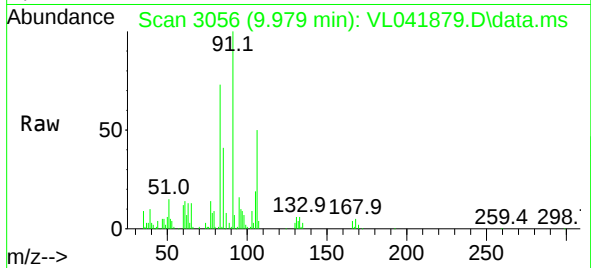
Tgt Ion:105 Resp: 37087
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.485 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

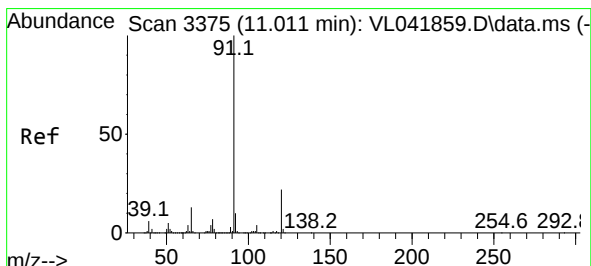
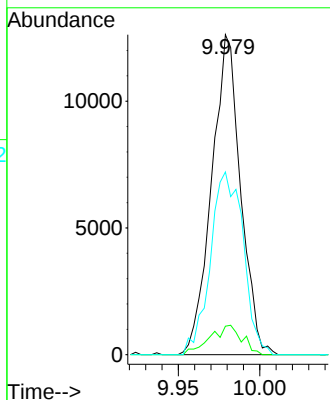
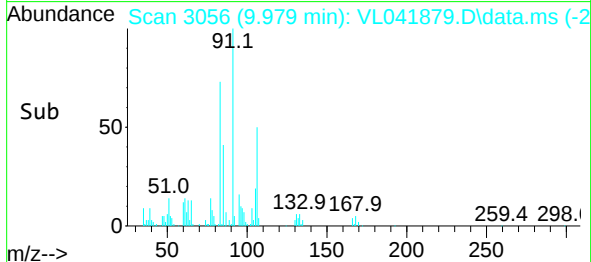
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



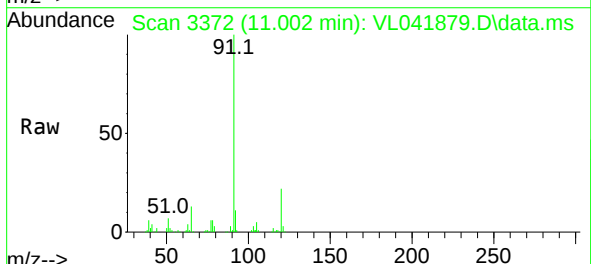
Tgt Ion: 83 Resp: 1557
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 64.8 32.1 96.3

Manual Integrations
APPROVED

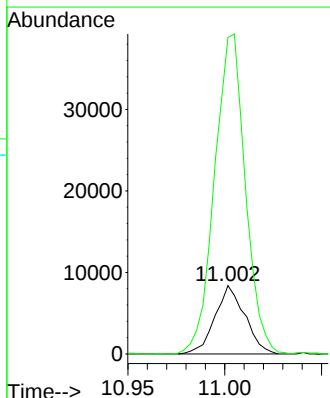
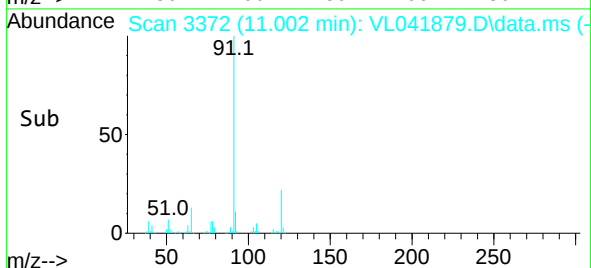
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

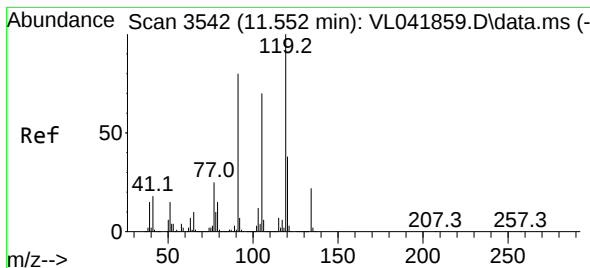


#64
n-propylbenzene
Concen: 0.430 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



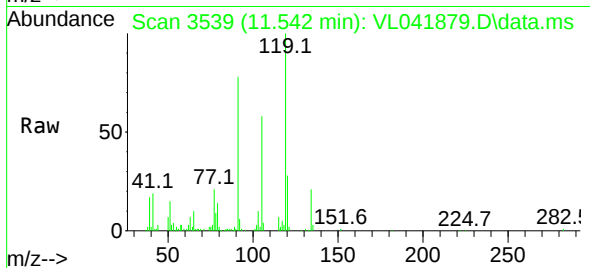
Tgt Ion:120 Resp: 9013
Ion Ratio Lower Upper
120 100
91 485.0 376.9 565.3





#65
tert-Butylbenzene
Concen: 0.463 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

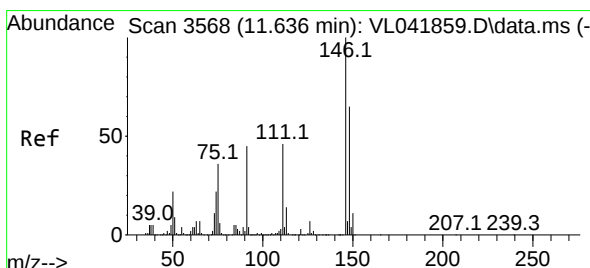
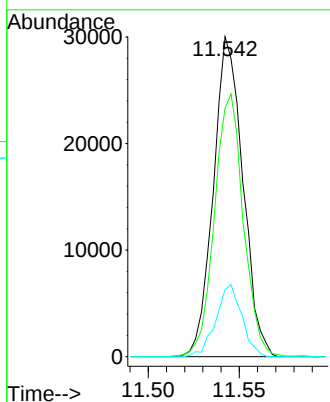
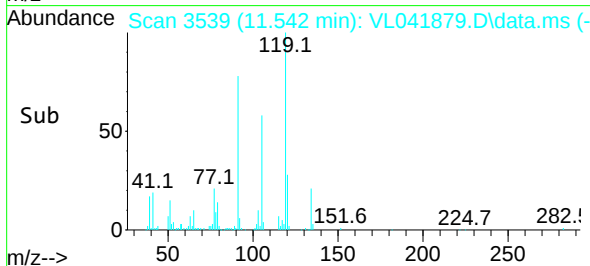
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



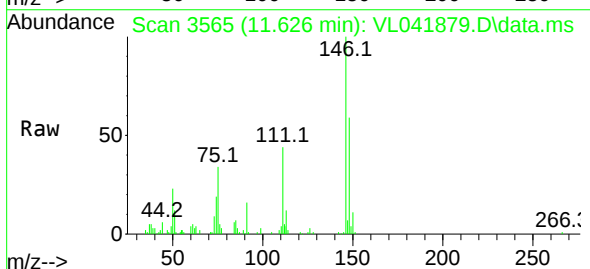
Tgt Ion: 119 Resp: 33710
Ion Ratio Lower Upper
119 100
91 80.5 64.6 97.0
134 19.9 16.9 25.3

Manual Integrations
APPROVED

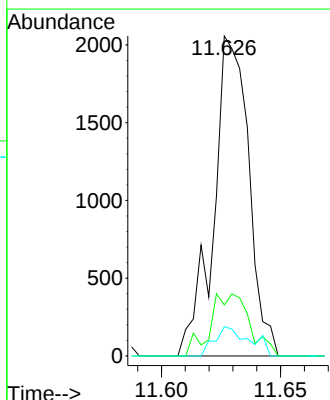
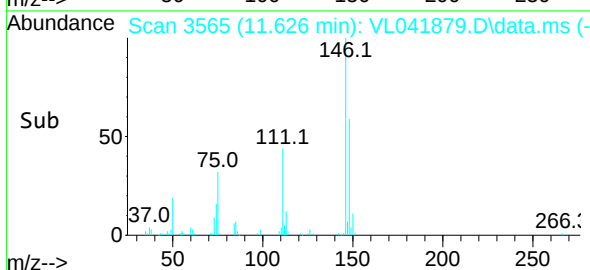
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

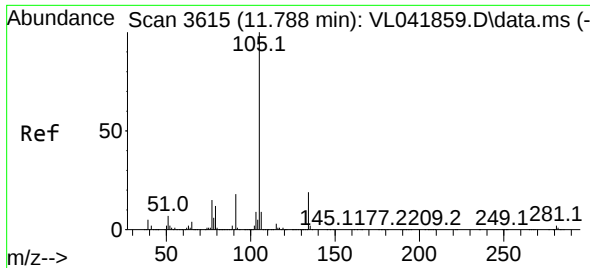


#66
Benzyl Chloride
Concen: 0.280 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



Tgt Ion: 91 Resp: 2114
Ion Ratio Lower Upper
91 100
126 21.8 13.9 20.9#
128 9.0 4.8 7.2#





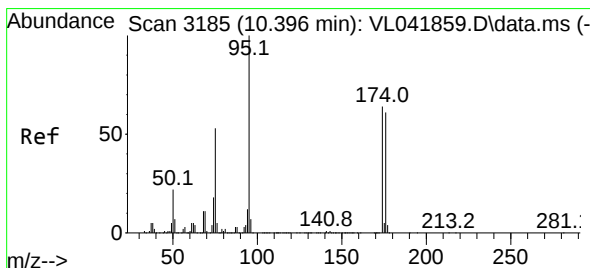
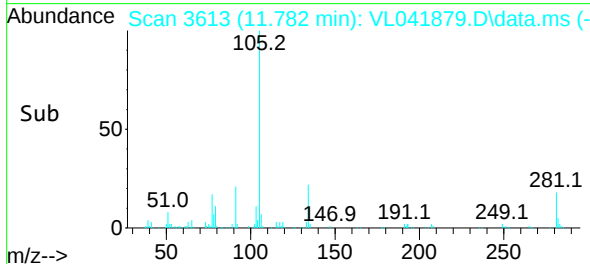
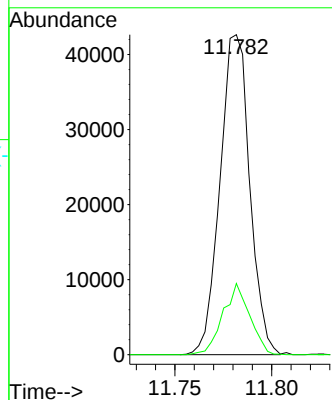
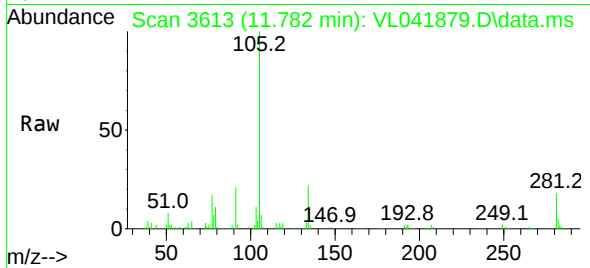
#67
 sec-Butylbenzene
 Concen: 0.455 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Tgt Ion:105 Resp: 45602
 Ion Ratio Lower Upper
 105 100
 134 20.1 15.4 23.2

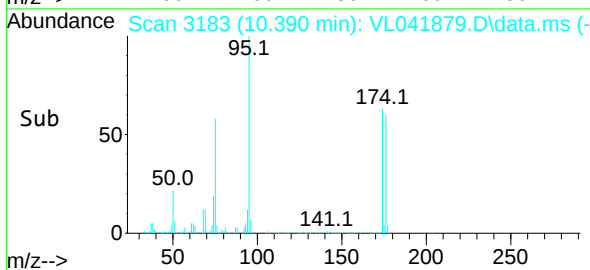
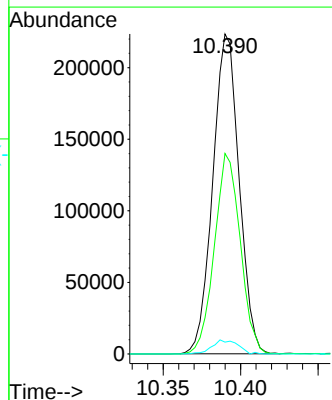
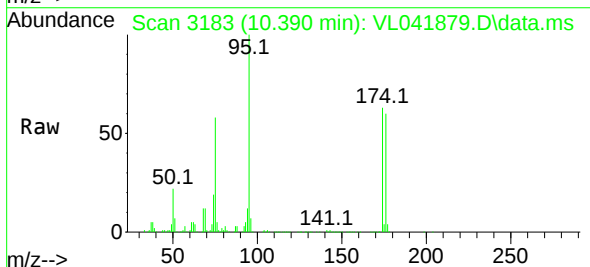
Manual Integrations
 APPROVED

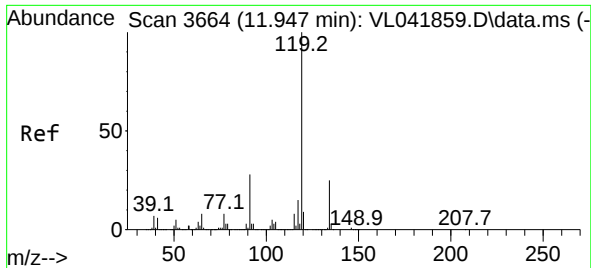
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.983 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

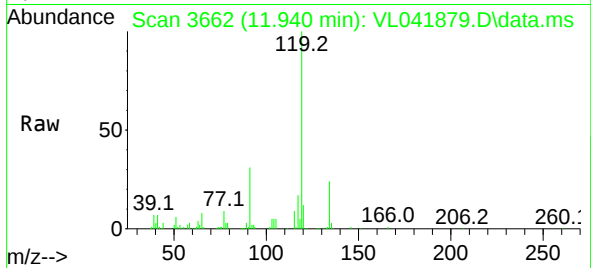
Tgt Ion: 95 Resp: 263876
 Ion Ratio Lower Upper
 95 100
 174 61.7 51.1 76.7
 175 4.3 3.8 5.8





#69
p-Isopropyltoluene
Concen: 0.440 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

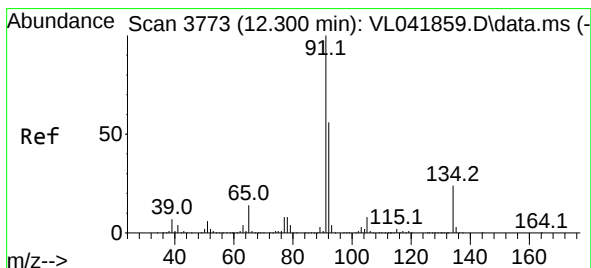
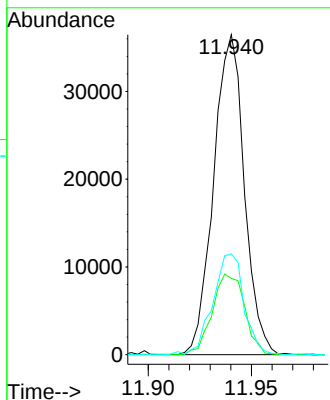
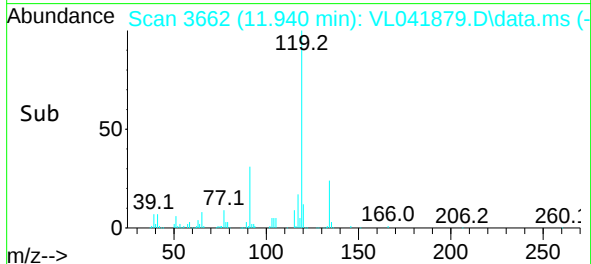
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



Tgt Ion: 119 Resp: 37694
Ion Ratio Lower Upper
119 100
134 26.6 20.3 30.5
91 32.0 22.6 34.0

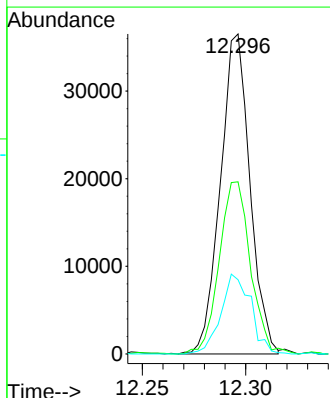
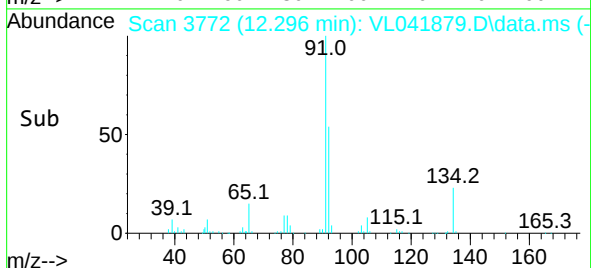
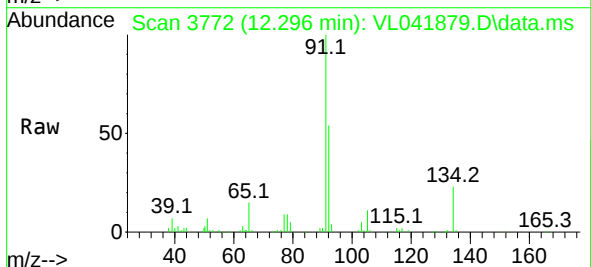
Manual Integrations
APPROVED

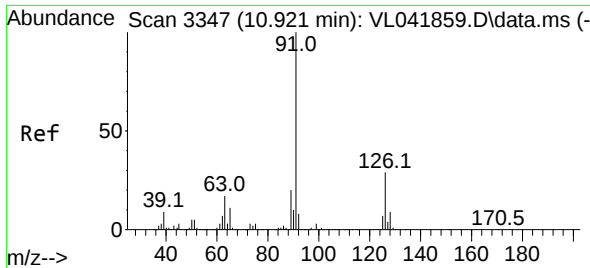
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#70
n-Butylbenzene
Concen: 0.424 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

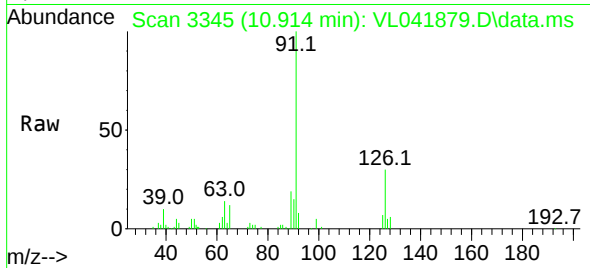
Tgt Ion: 91 Resp: 36383
Ion Ratio Lower Upper
91 100
92 57.5 43.8 65.8
134 25.4 19.3 28.9





#71
2-Chlorotoluene
Concen: 0.456 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

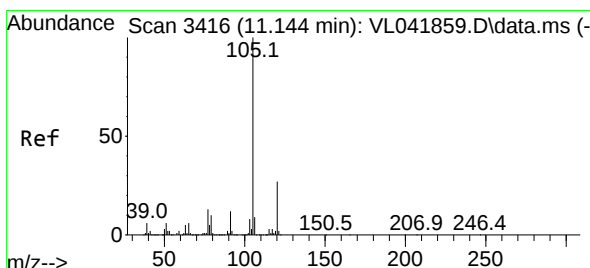
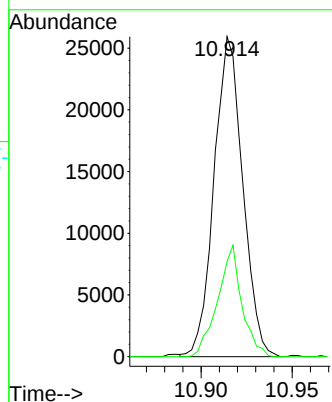
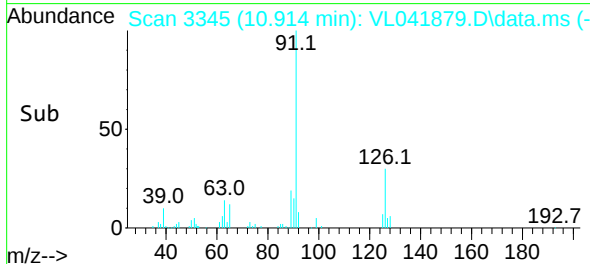
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4



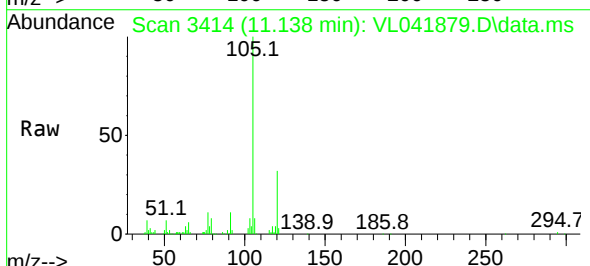
Tgt Ion: 91 Resp: 2838
Ion Ratio Lower Upper
91 100
126 29.3 11.6 46.6

Manual Integrations
APPROVED

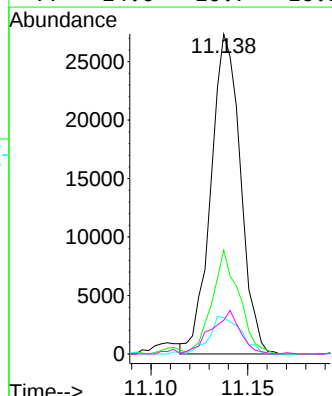
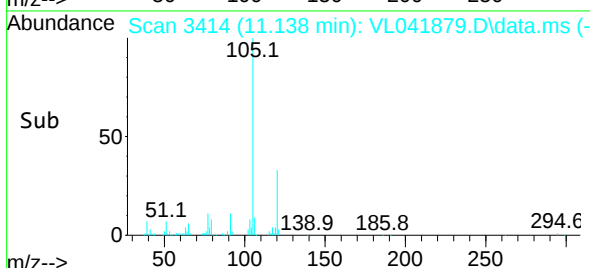
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

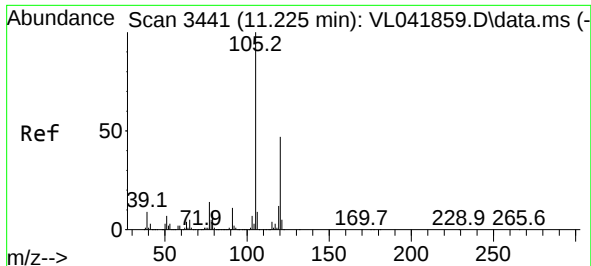


#72
4-Ethyltoluene
Concen: 0.443 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



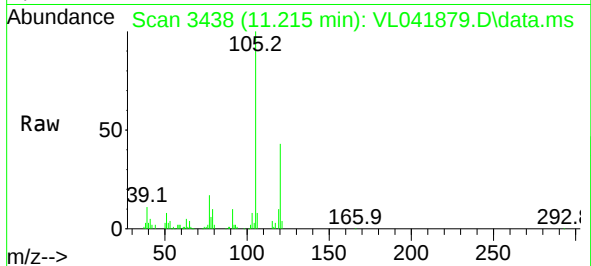
Tgt Ion:105 Resp: 29045
Ion Ratio Lower Upper
105 100
120 31.1 23.5 35.3
91 13.1 9.8 14.8
77 14.0 10.7 16.1





#73
 1,3,5-Trimethylbenzene
 Concen: 0.428 ppbv
 RT: 11.215 min Scan# 3441
 Delta R.T. -0.010 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

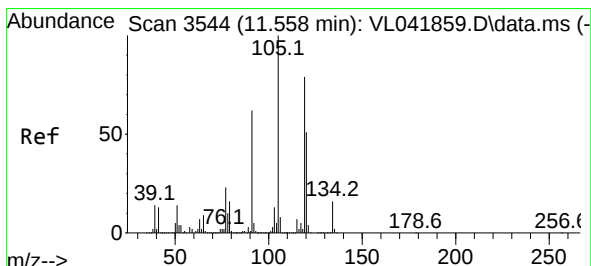
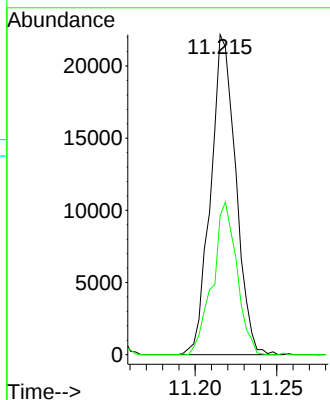
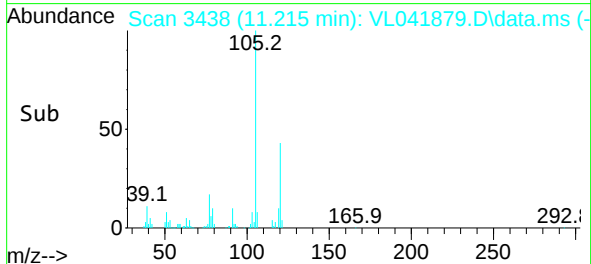
Instrument : MSVOA_L
 ClientSampleId :
 MDL 0.4



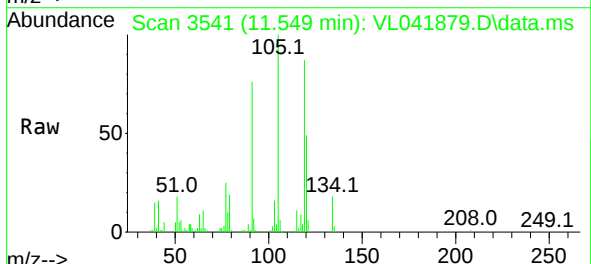
Tgt Ion:105 Resp: 23820
 Ion Ratio Lower Upper
 105 100
 120 43.4 37.2 55.8

Manual Integrations
 APPROVED

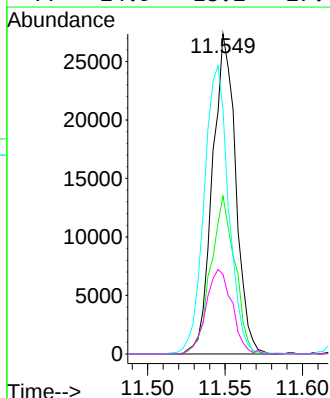
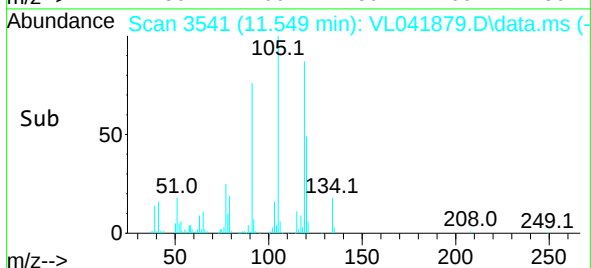
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

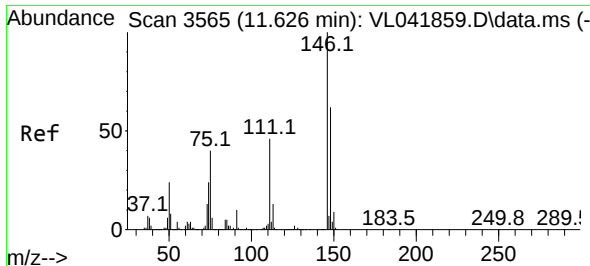


#74
 1,2,4-Trimethylbenzene
 Concen: 0.472 ppbv
 RT: 11.549 min Scan# 3541
 Delta R.T. -0.010 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17



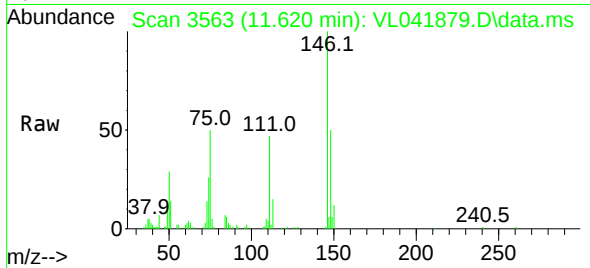
Tgt Ion:105 Resp: 28511
 Ion Ratio Lower Upper
 105 100
 120 49.3 41.1 61.7
 91 76.1 50.0 75.0#
 77 24.9 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 0.481 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

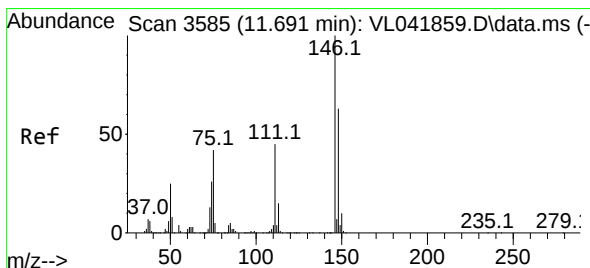
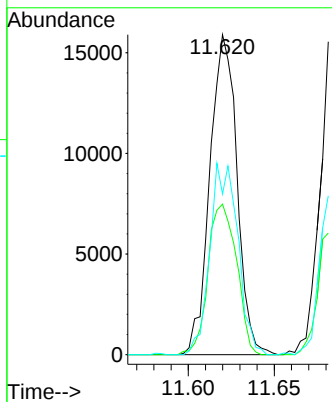
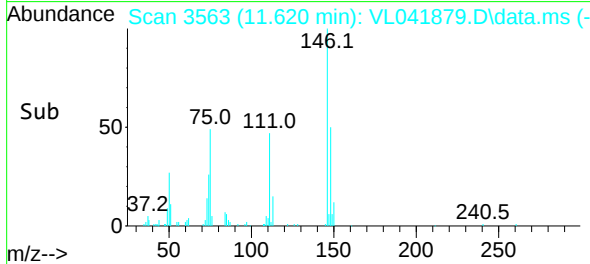
Instrument : MSVOA_L
ClientSampleId : MDL 0.4



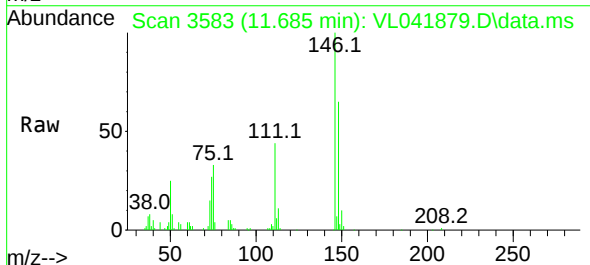
Tgt Ion:146 Resp: 1743
Ion Ratio Lower Upper
146 100
111 49.6 23.2 69.5
148 61.5 31.6 94.7

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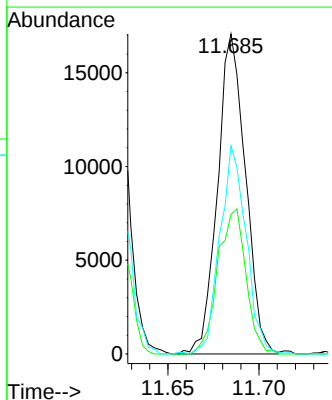
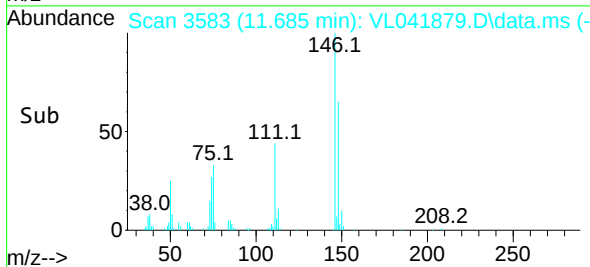
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

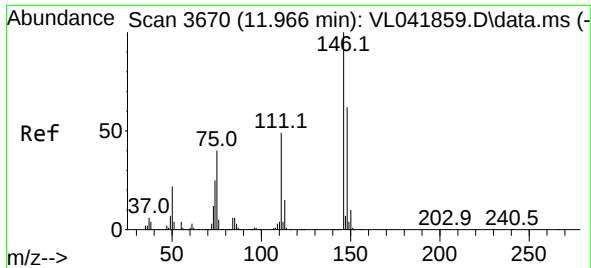


#76
1,4-Dichlorobenzene
Concen: 0.509 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



Tgt Ion:146 Resp: 18243
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.1
148 61.4 31.2 93.6





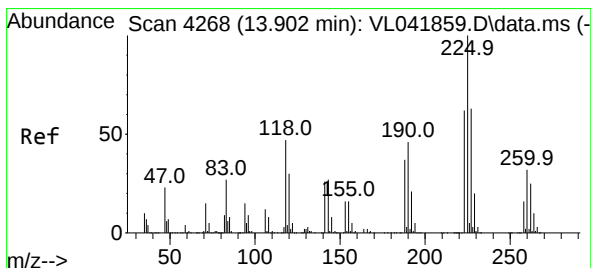
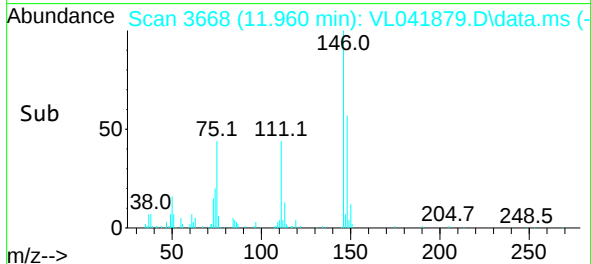
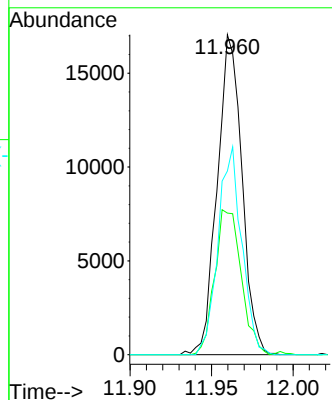
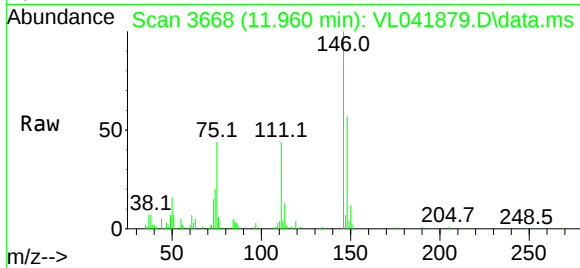
#77
1,2-Dichlorobenzene
Concen: 0.525 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Tgt Ion:146 Resp: 17980
Ion Ratio Lower Upper
146 100
111 48.9 24.1 72.3
148 62.2 31.5 94.5

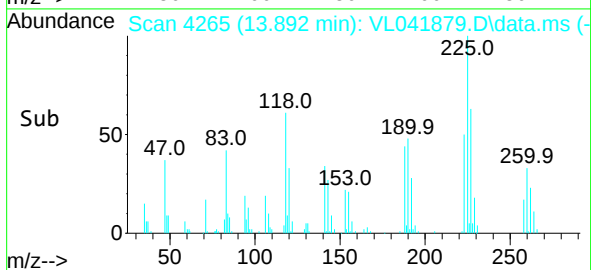
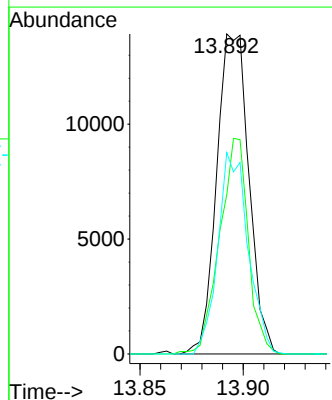
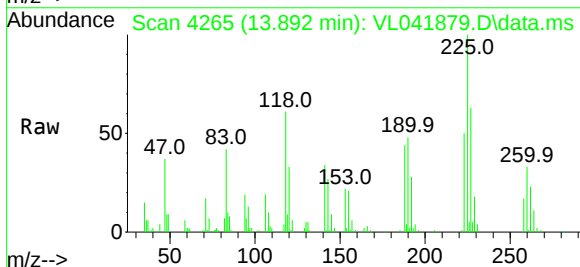
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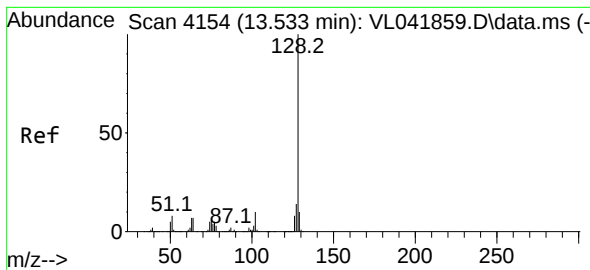
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#78
Hexachloro-1,3-Butadiene
Concen: 0.514 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

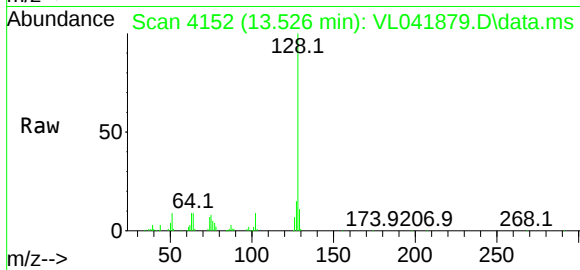
Tgt Ion:225 Resp: 15115
Ion Ratio Lower Upper
225 100
223 59.8 50.6 75.8
227 59.1 50.9 76.3





#79
Naphthalene
Concen: 0.403 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

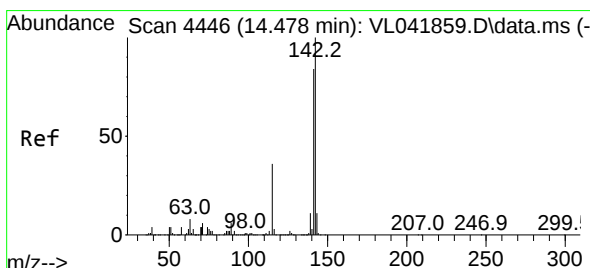
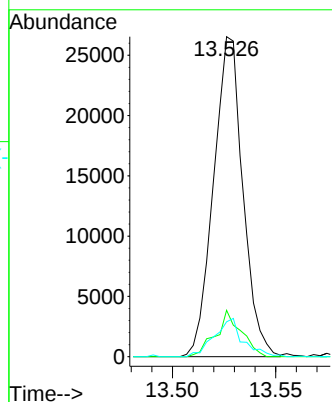
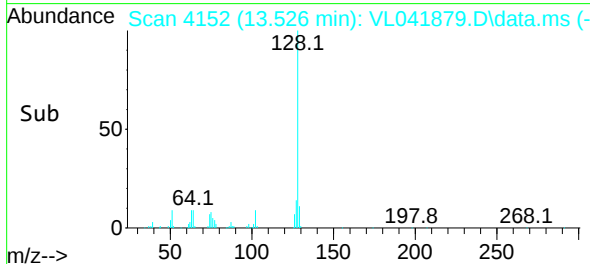
Instrument : MSVOA_L
ClientSampleId :
MDL 0.4



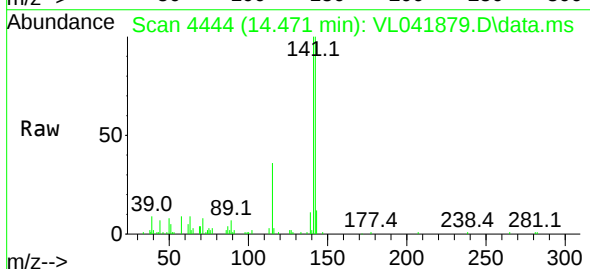
Tgt Ion:128 Resp: 26258
Ion Ratio Lower Upper
128 100
127 14.5 10.8 16.2
129 10.9 8.2 12.4

Manual Integrations
APPROVED

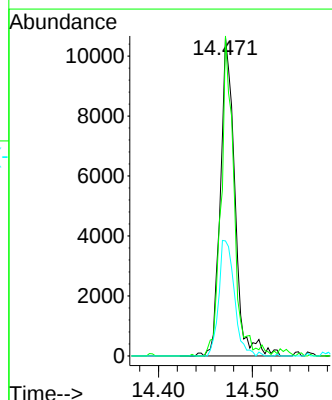
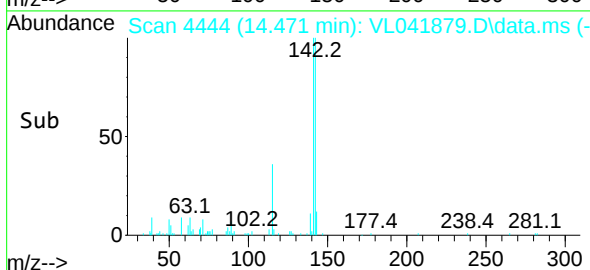
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

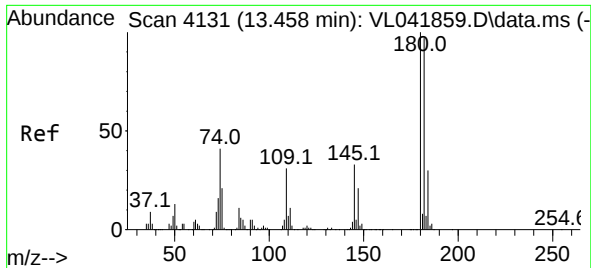


#80
Naphthalene,2-methyl-
Concen: 0.325 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



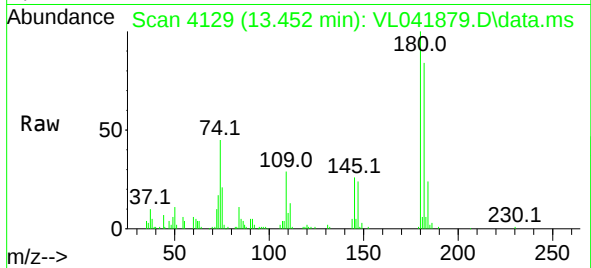
Tgt Ion:142 Resp: 11408
Ion Ratio Lower Upper
142 100
141 91.7 68.2 102.4
115 39.2 29.4 44.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.480 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion:180 Resp: 14870
 Ion Ratio Lower Upper
 180 100
 182 91.8 75.8 113.8
 184 28.6 24.1 36.1

Manual Integrations
 APPROVED

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

