

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041858.D
 Acq On : 09 Jan 2025 10:33
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 10:56:20 2025

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

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

QLast Update : Wed Jan 08 03:26:12 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	152105	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	457513	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	417323	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.393 95 335281 9.380 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	12871	0.516	ppbv	100
3) Chlorodifluoromethane	1.479	51	13501	0.566	ppbv #	81
4) Chloromethane	1.538	50	5589	0.545	ppbv	96
5) Vinyl Chloride	1.586	62	5115	0.494	ppbv	91
6) Bromomethane	1.674	94	2386	0.538	ppbv	82
7) Chloroethane	1.709	64	2229	0.559	ppbv #	88
8) Dichlorotetrafluoroethane	1.560	85	11537	0.536	ppbv	90
9) Propene	1.531	41	1021	0.123	ppbv	95
10) Heptane	5.004	43	16018	0.781	ppbv #	71
11) Trichlorofluoromethane	1.884	101	12499	0.493	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.149	101	10109	0.535	ppbv	89
13) Ethanol	1.725	45	742m	0.786	ppbv	
14) Bromoethene	1.787	108	3722	0.602	ppbv #	74
15) Acetone	1.845	43	14343	0.512	ppbv #	63
16) 1,3-Butadiene	1.615	39	6178	0.563	ppbv #	81
17) tert-Butyl alcohol	2.052	59	14823	0.611	ppbv #	80
18) 1,1-Dichloroethene	2.043	96	4747	0.600	ppbv	78
19) Isopropyl Alcohol	1.894	45	7928	0.603	ppbv	99
20) Methylene Chloride	2.072	84	5533	0.691	ppbv #	84
21) Allyl Chloride	2.104	41	10381	0.720	ppbv	95
22) trans-1,2-Dichloroethene	2.350	96	5633	0.637	ppbv	81
23) Vinyl Acetate	2.473	43	8260	0.920	ppbv #	85
24) 1,1-Dichloroethane	2.421	63	10070	0.520	ppbv	98
25) Ethyl Acetate	2.855	43	35229	0.750	ppbv #	95
26) Hexane	2.842	57	14114	0.866	ppbv	91
27) Carbon Disulfide	2.159	76	12231	0.791	ppbv #	1
28) Methyl tert-Butyl Ether	2.454	73	8168	0.665	ppbv #	20
29) Chloroform	2.861	83	18789	0.621	ppbv	92
30) Cyclohexane	3.874	84	11116m	0.899	ppbv	
31) cis-1,2-Dichloroethene	2.735	61	12927m	0.771	ppbv	
32) 1,1,1-Trichloroethane	3.386	97	18209	0.664	ppbv	96
34) 2-Butanone	2.573	43	19843	0.551	ppbv #	89
35) Carbon Tetrachloride	3.787	117	17679	0.511	ppbv	90
36) Benzene	3.677	78	27682	0.633	ppbv #	95
37) 1,2-Dichloroethane	3.234	62	13695	0.477	ppbv #	89
38) Trichloroethene	4.574	130	10787	0.630	ppbv	95
39) 1,2-Dichloropropane	4.347	63	9949m	0.588	ppbv	
40) 1,4-Dioxane	4.625	88	5432m	0.829	ppbv	
41) Tetrahydrofuran	3.081	42	11487	0.676	ppbv #	90
42) Bromodichloromethane	4.515	83	18278	0.542	ppbv	95
43) Methyl Methacrylate	4.913	69	11542m	0.841	ppbv	
44) 2,2,4-Trimethylpentane	4.664	57	47096	0.654	ppbv	92
45) t-1,3-Dichloropropene	6.451	75	11526m	0.860	ppbv	

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Manual Integrations
 APPROVED

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

Quant Time: Jan 09 10:56:20 2025

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

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

QLast Update : Wed Jan 08 03:26:12 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	14588m	0.828	ppbv	
47) 1,1,2-Trichloroethane	6.613	97	10118	0.566	ppbv	97
48) Dibromochloromethane	7.409	129	14439	0.634	ppbv	89
49) Bromoform	9.503	173	12600	0.691	ppbv	99
50) 4-Methyl-2-Pentanone	5.800	43	26263	0.631	ppbv #	85
51) 2-Hexanone	7.474	43	22722	0.720	ppbv #	82
52) Tetrachloroethene	8.247	164	9249	0.714	ppbv	92
53) Toluene	6.962	91	32477	0.834	ppbv	99
54) 1,2-Dibromoethane	7.684	107	13908m	0.635	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.940	131	13195	0.555	ppbv	94
57) Chlorobenzene	8.943	112	24929	0.572	ppbv	98
58) Ethyl Benzene	9.370	91	44339	0.780	ppbv	94
59) m/p-Xylene	9.571	91	69706m	1.388	ppbv	
60) o-Xylene	9.982	91	35757	0.732	ppbv	98
61) Styrene	9.888	104	17788	0.939	ppbv	98
62) Isopropylbenzene	10.558	105	53304	0.695	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.982	83	21056	0.492	ppbv	97
64) n-propylbenzene	11.002	120	14050	0.714	ppbv	92
65) tert-Butylbenzene	11.549	119	49710	0.719	ppbv	94
66) Benzyl Chloride	11.629	91	5273	0.913	ppbv #	86
67) sec-Butylbenzene	11.782	105	67281	0.667	ppbv	95
69) p-Isopropyltoluene	11.940	119	57482	0.726	ppbv	98
70) n-Butylbenzene	12.296	91	58950	0.741	ppbv	99
71) 2-Chlorotoluene	10.917	91	39716	0.713	ppbv	98
72) 4-Ethyltoluene	11.141	105	42525	0.720	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	36438	0.704	ppbv	98
74) 1,2,4-Trimethylbenzene	11.552	105	40919	0.683	ppbv #	89
75) 1,3-Dichlorobenzene	11.623	146	24151	0.602	ppbv	97
76) 1,4-Dichlorobenzene	11.688	146	22914	0.594	ppbv	98
77) 1,2-Dichlorobenzene	11.963	146	23472	0.562	ppbv	97
78) Hexachloro-1,3-Butadiene	13.898	225	20517	0.692	ppbv	98
79) Naphthalene	13.529	128	42804	0.970	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	26324	1.611	ppbv	97
81) 1,2,4-Trichlorobenzene	13.455	180	21256	0.869	ppbv	99

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

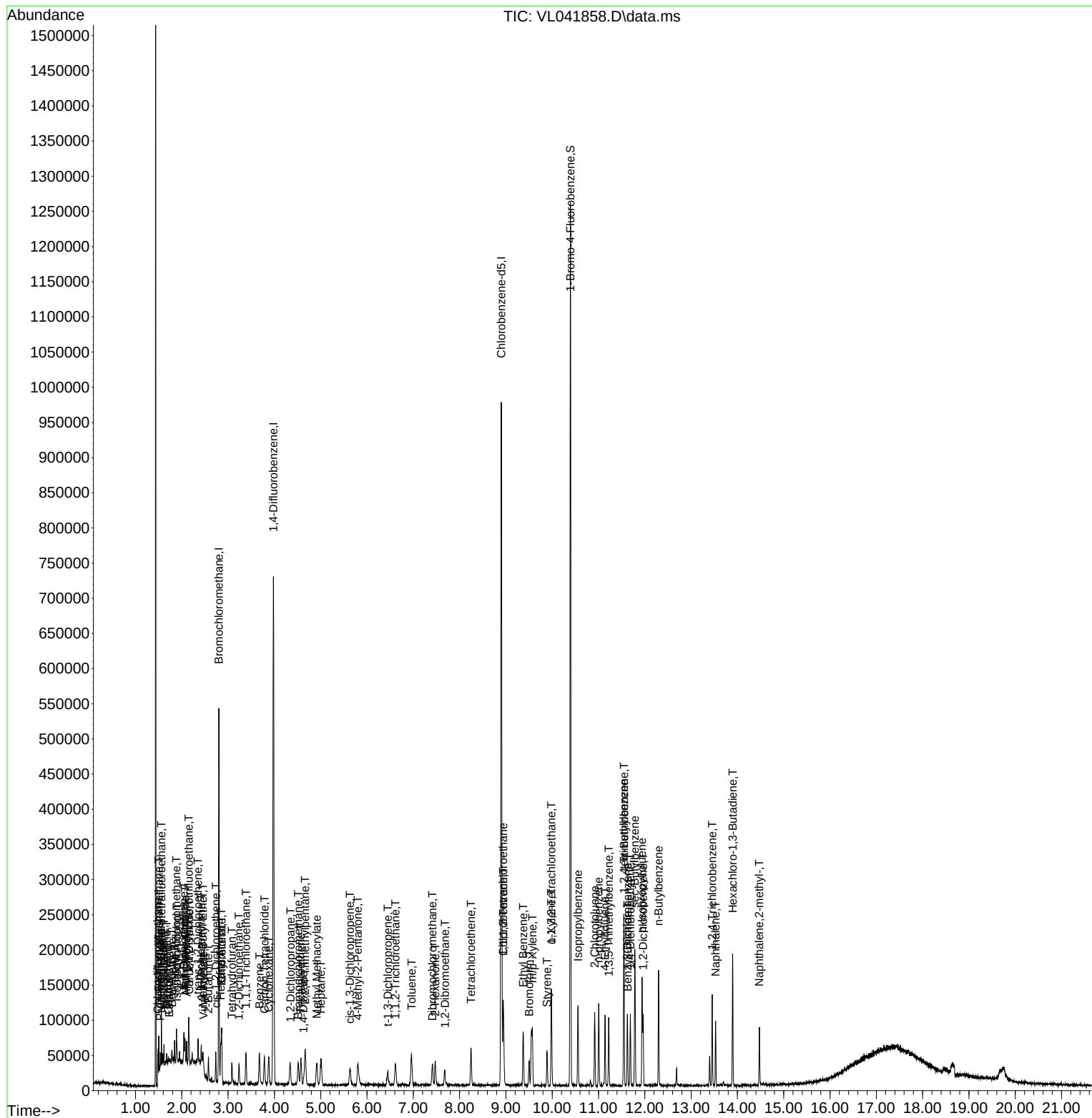
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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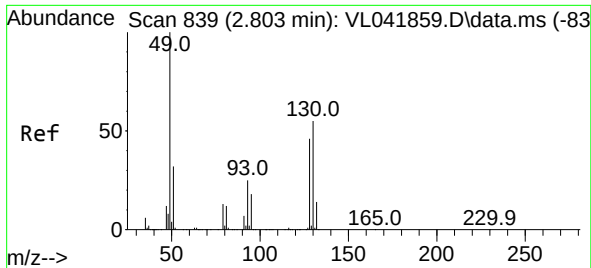
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Manual Integrations
APPROVED

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

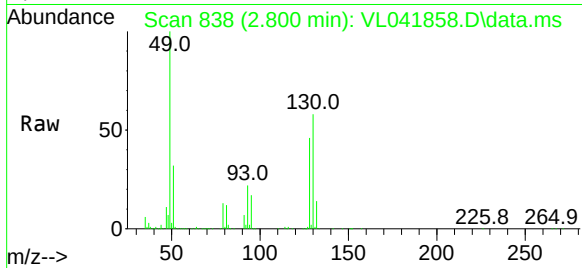
Quant Time: Jan 09 10:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Jan 08 03:26:12 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 839
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

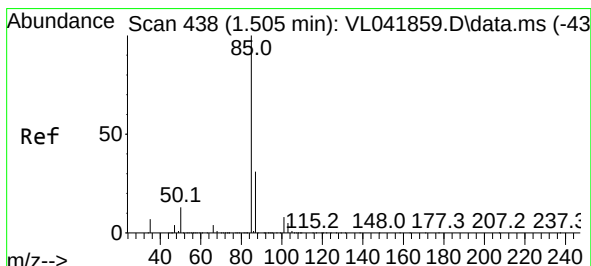
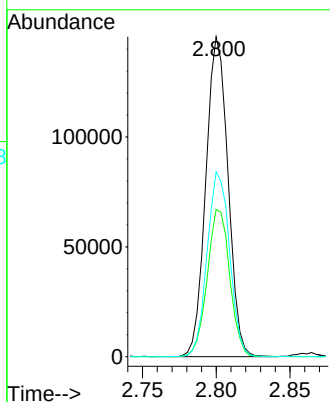
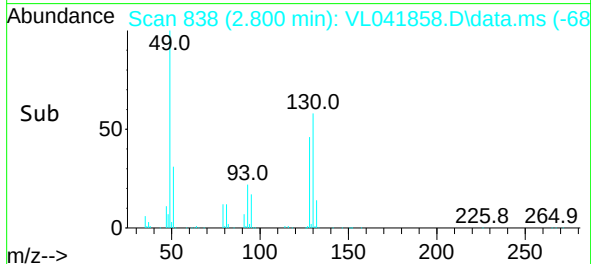
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



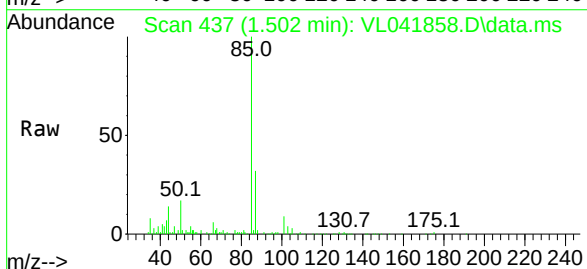
Tgt Ion: 49 Resp: 15210
Ion Ratio Lower Upper
49 100
128 46.8 19.7 59.1
130 58.6 26.4 79.2

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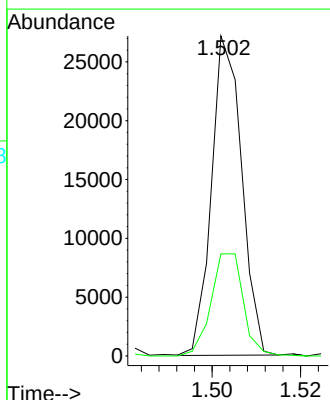
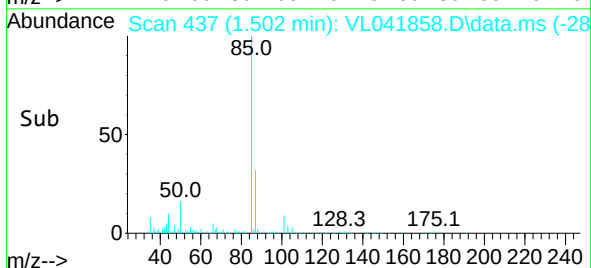
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

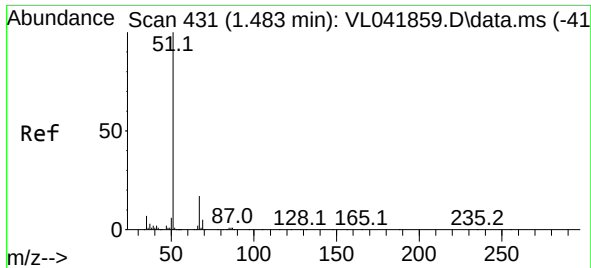


#2
Dichlorodifluoromethane
Concen: 0.516 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



Tgt Ion: 85 Resp: 12871
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4





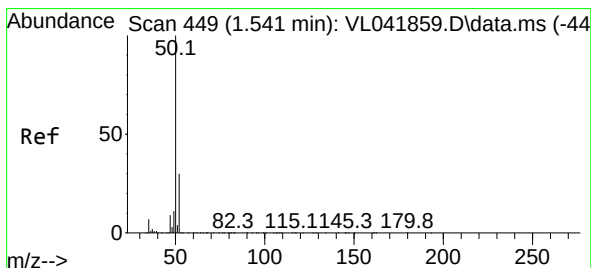
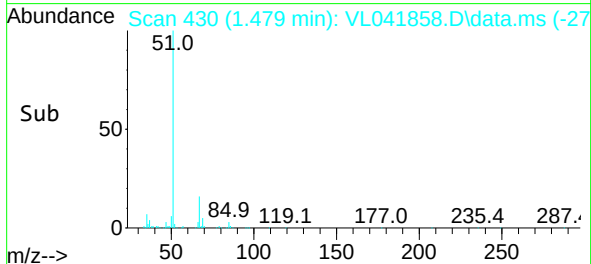
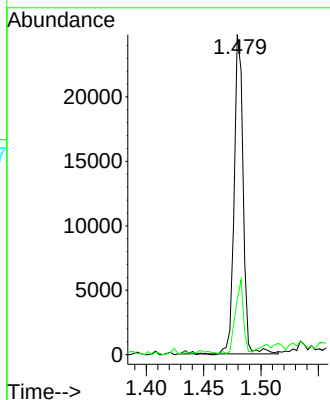
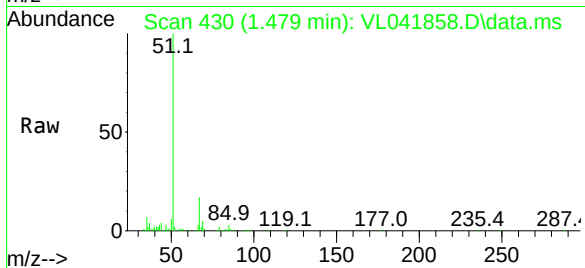
#3
Chlorodifluoromethane
Concen: 0.566 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 1350
Ion Ratio Lower Upper
51 100
67 26.8 14.6 22.0

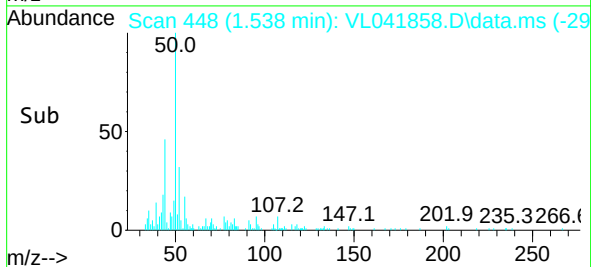
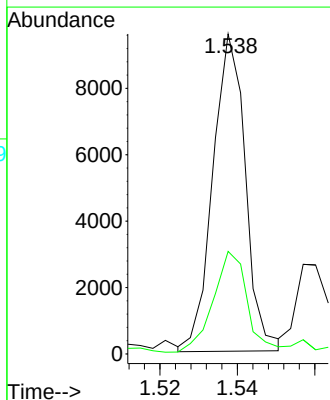
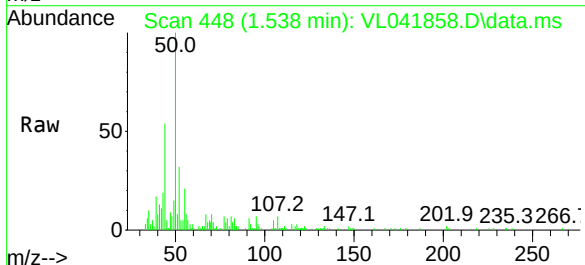
Manual Integrations
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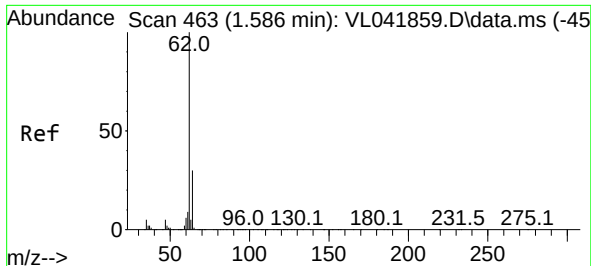
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#4
Chloromethane
Concen: 0.545 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Tgt Ion: 50 Resp: 5589
Ion Ratio Lower Upper
50 100
52 30.5 26.1 39.1





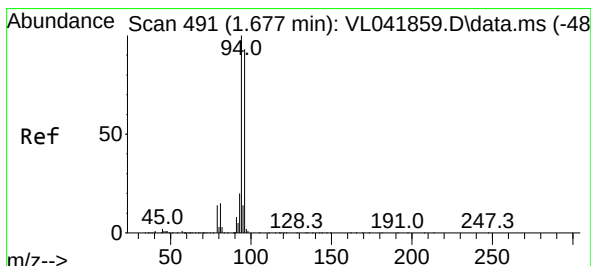
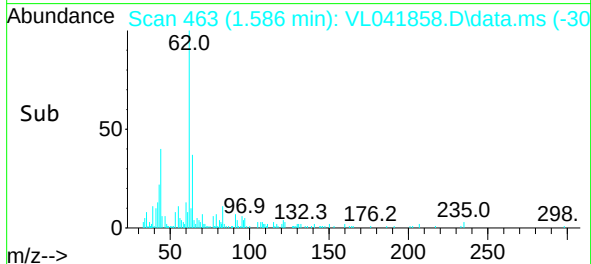
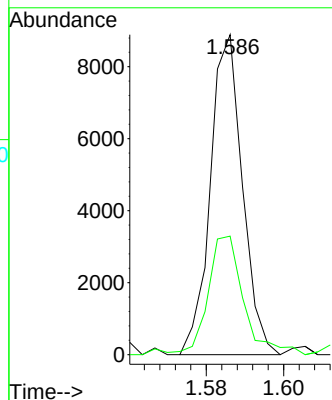
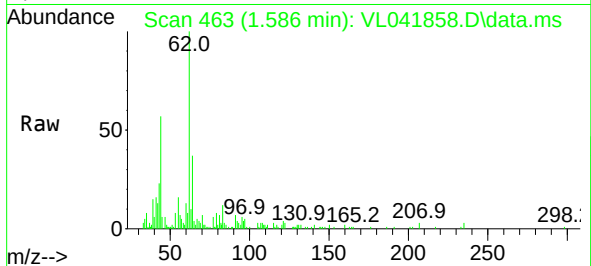
#5
 Vinyl Chloride
 Concen: 0.494 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 511
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.9 37.3

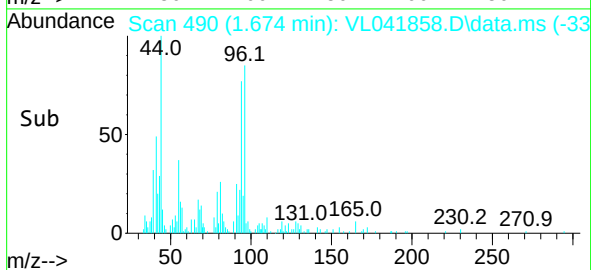
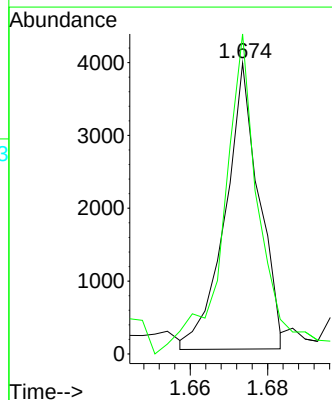
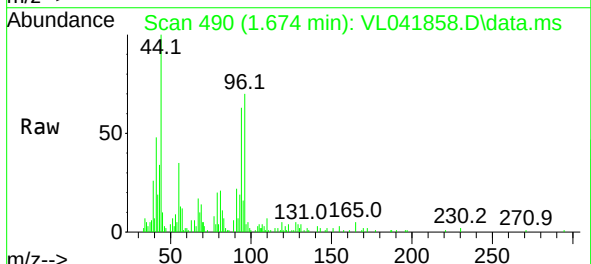
Manual Integrations
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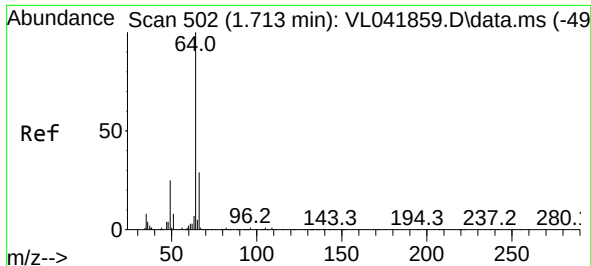
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#6
 Bromomethane
 Concen: 0.538 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

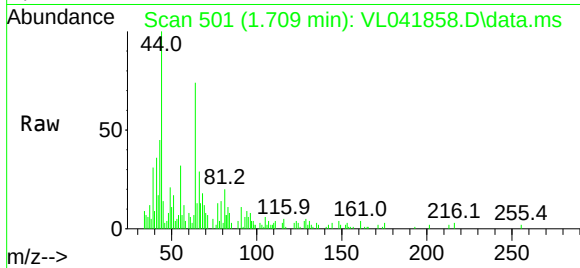
Tgt Ion: 94 Resp: 2386
 Ion Ratio Lower Upper
 94 100
 96 107.2 72.0 108.0





#7
Chloroethane
Concen: 0.559 ppbv
RT: 1.709 min Scan# 502
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

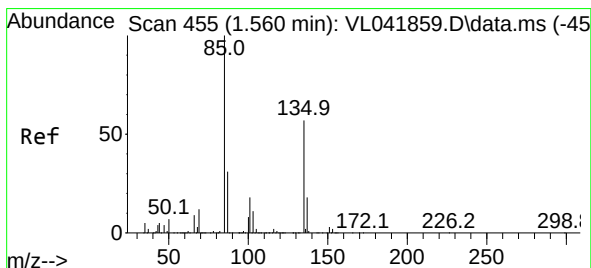
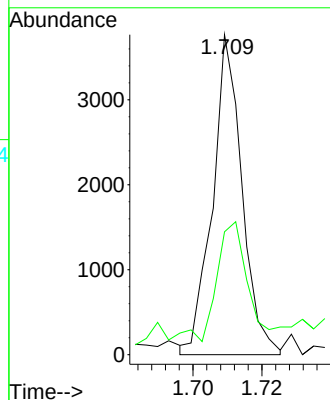
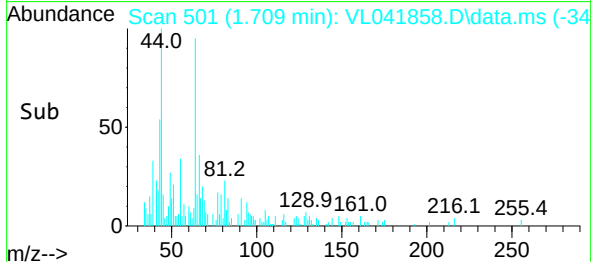
Instrument :
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ClientSampleId :
VSTDIC0.5



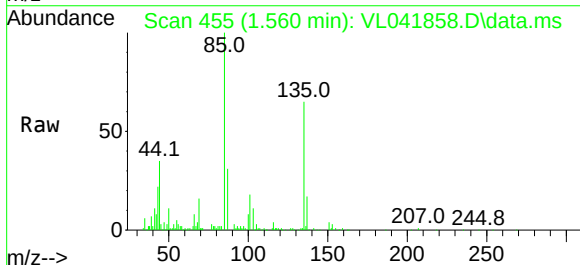
Tgt Ion: 64 Resp: 2229
Ion Ratio Lower Upper
64 100
66 38.4 25.6 38.4

Manual Integrations
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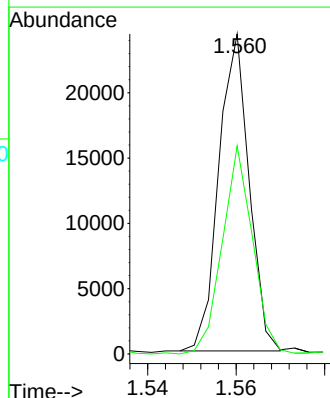
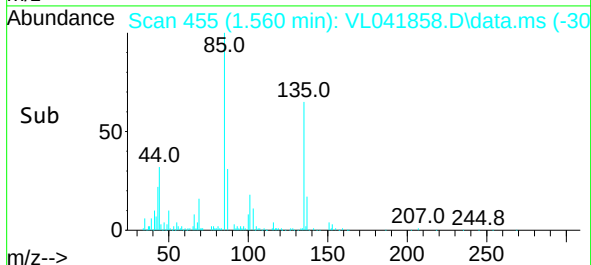
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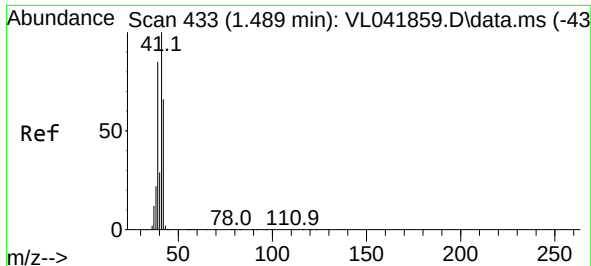


#8
Dichlorotetrafluoroethane
Concen: 0.536 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



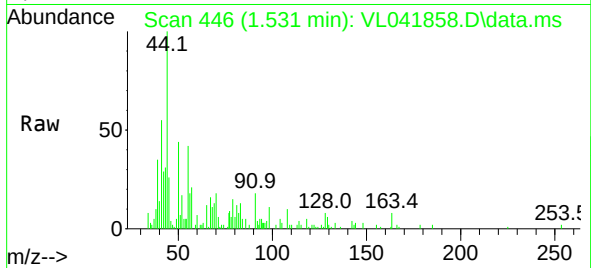
Tgt Ion: 85 Resp: 11537
Ion Ratio Lower Upper
85 100
135 67.5 47.9 71.9





#9
Propene
Concen: 0.123 ppbv
RT: 1.531 min Scan# 44
Delta R.T. 0.042 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

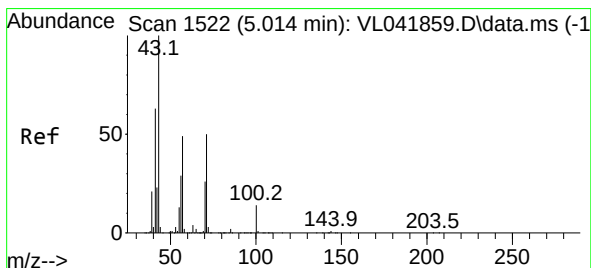
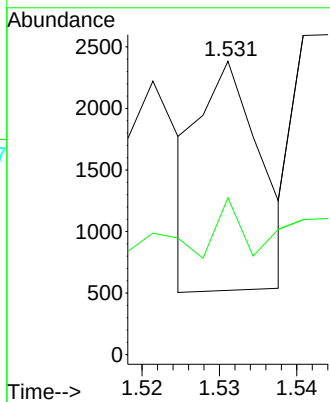
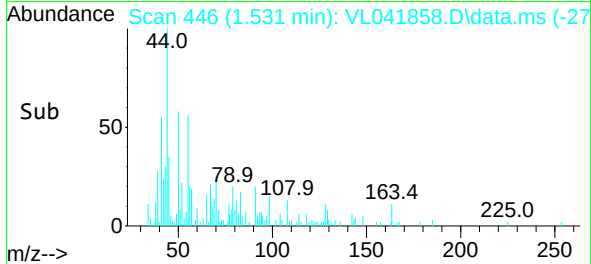
Instrument :
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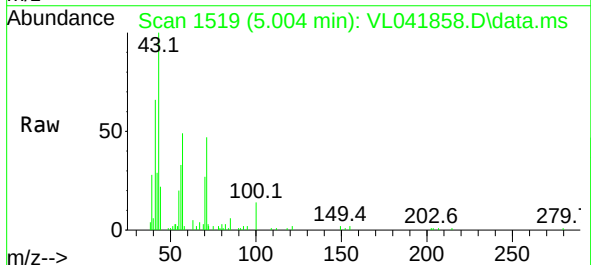
Tgt Ion: 41 Resp: 102
Ion Ratio Lower Upper
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42 64.1 54.4 81.6

Manual Integrations
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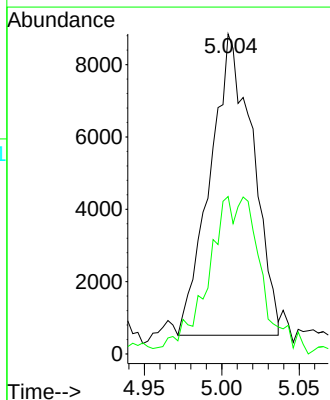
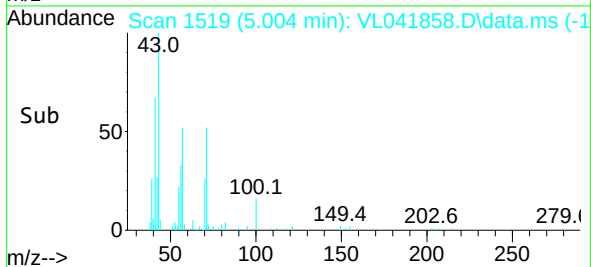
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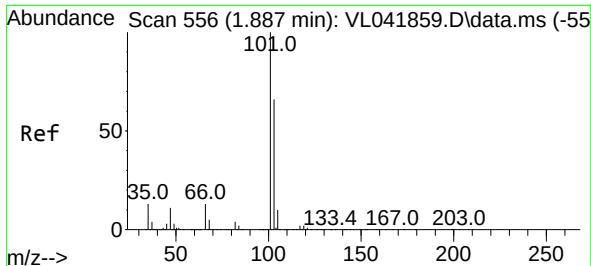


#10
Heptane
Concen: 0.781 ppbv
RT: 5.004 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



Tgt Ion: 43 Resp: 16018
Ion Ratio Lower Upper
43 100
57 66.4 37.8 56.6#





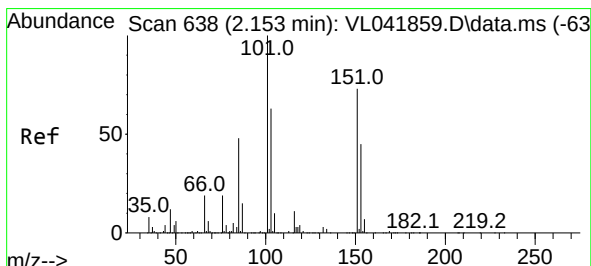
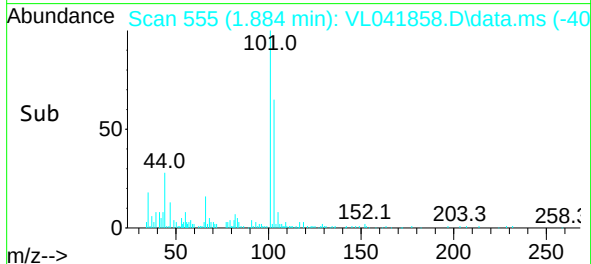
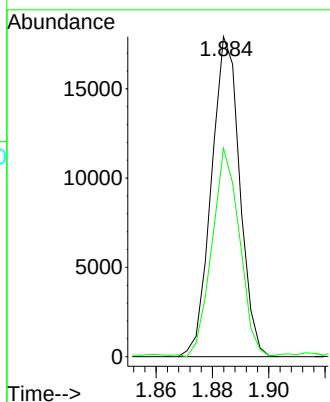
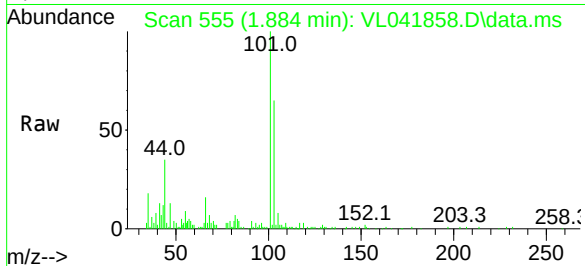
#11
 Trichlorofluoromethane
 Concen: 0.493 ppbv
 RT: 1.884 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:101 Resp: 1249
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.4 74.0

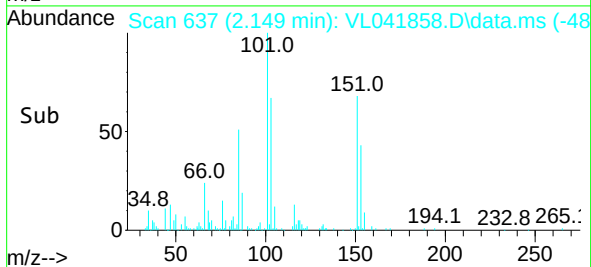
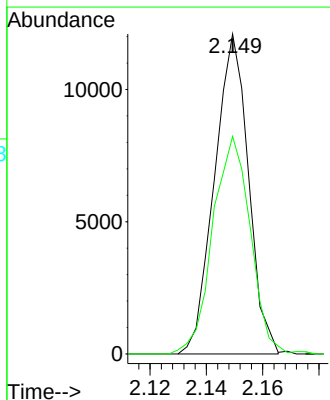
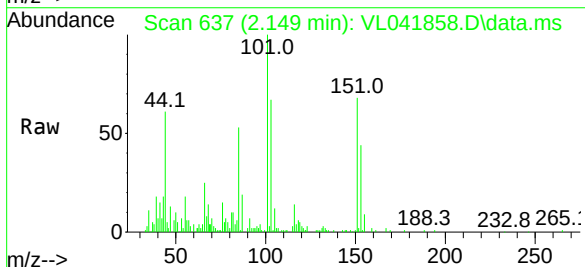
Manual Integrations
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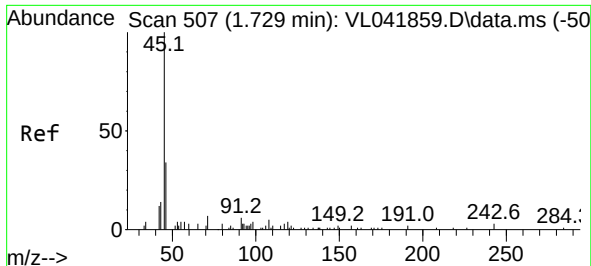
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.535 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

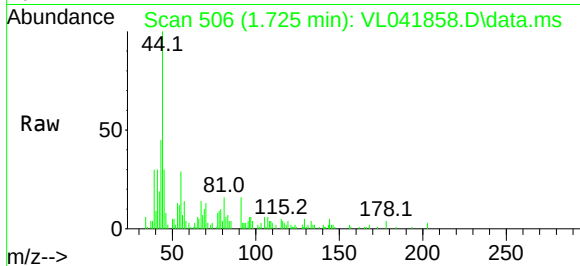
Tgt Ion:101 Resp: 10109
 Ion Ratio Lower Upper
 101 100
 151 75.4 53.2 79.8





#13
Ethanol
Concen: 0.786 ppbv m
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

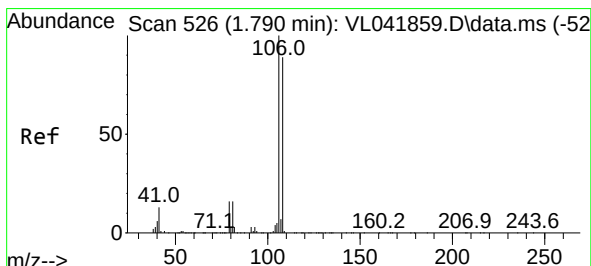
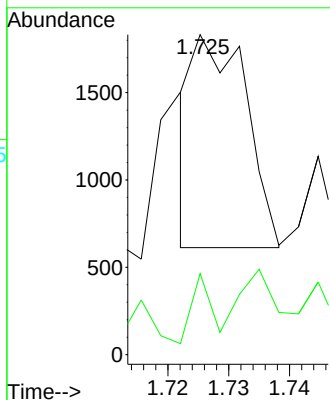
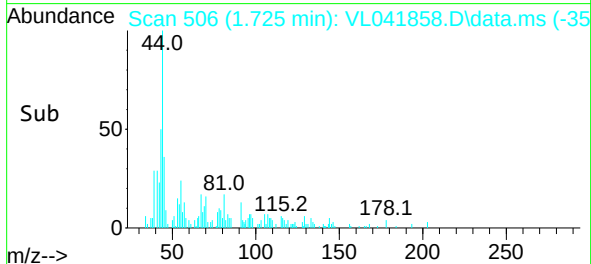
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



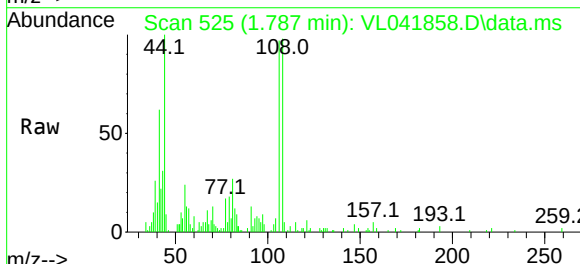
Tgt Ion: 45 Resp: 742
Ion Ratio Lower Upper
45 100
46 80.2 16.1 64.5

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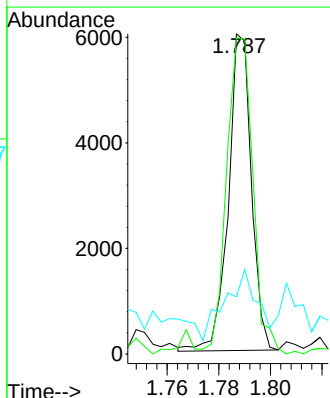
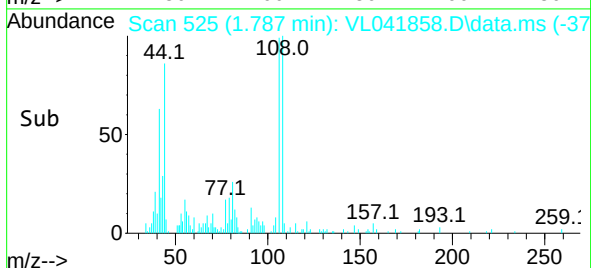
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

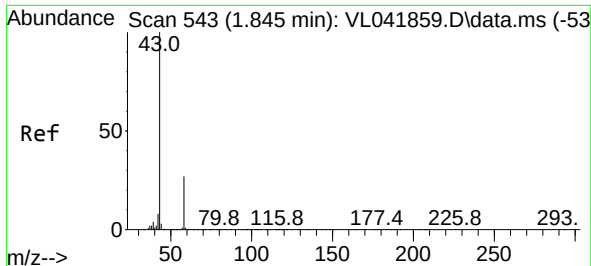


#14
Bromoethene
Concen: 0.602 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



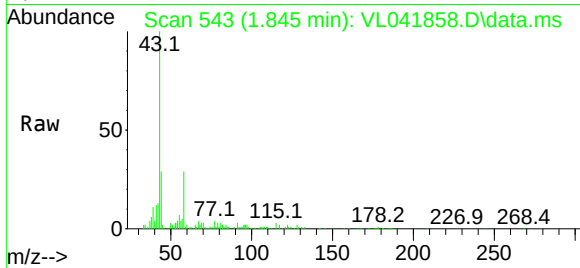
Tgt Ion:108 Resp: 3722
Ion Ratio Lower Upper
108 100
106 119.0 84.6 126.8
79 64.2 18.3 27.5





#15
Acetone
Concen: 0.512 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

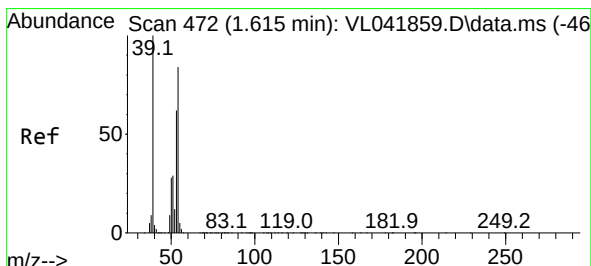
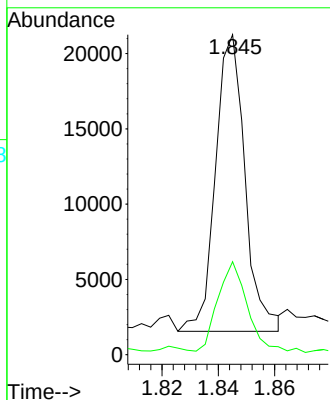
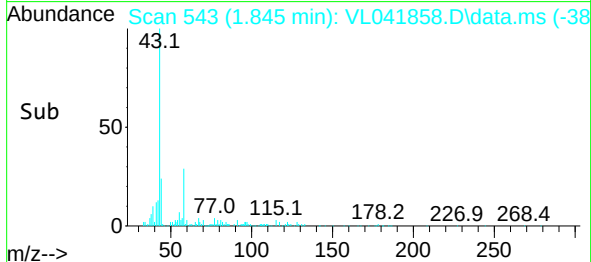
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



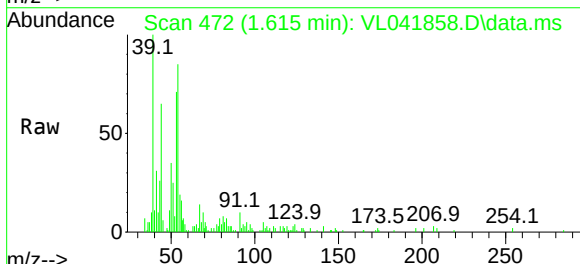
Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
58 44.0 20.2 30.2

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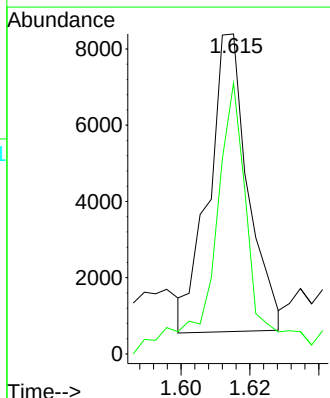
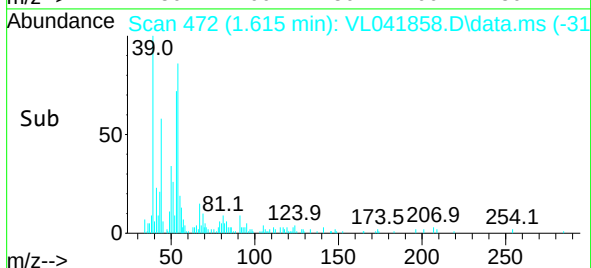
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

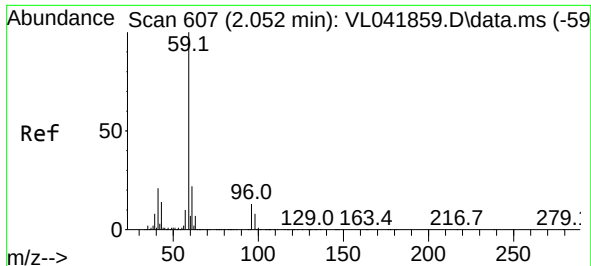


#16
1,3-Butadiene
Concen: 0.563 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



Tgt Ion: 39 Resp: 6178
Ion Ratio Lower Upper
39 100
54 85.7 56.2 84.4





#17

tert-Butyl alcohol

Concen: 0.611 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.003 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 59 Resp: 1482

Ion Ratio Lower Upper

59 100

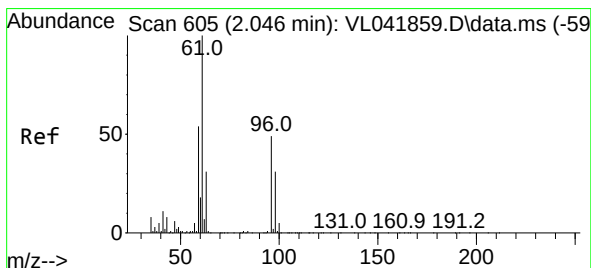
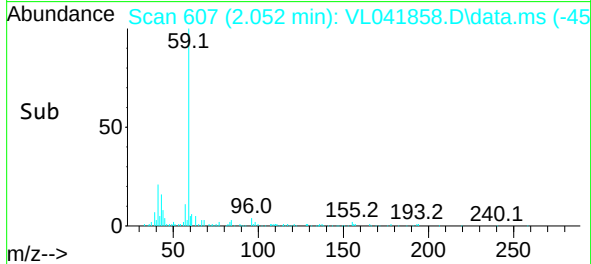
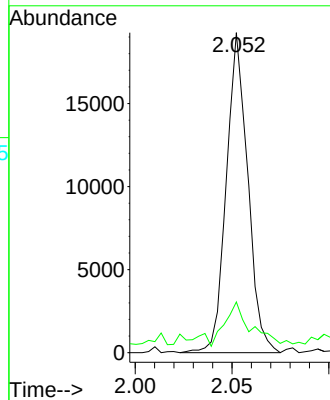
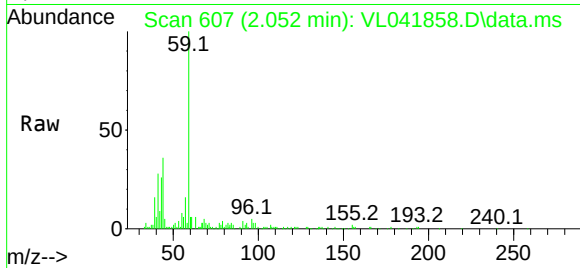
57 18.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#18

1,1-Dichloroethene

Concen: 0.600 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

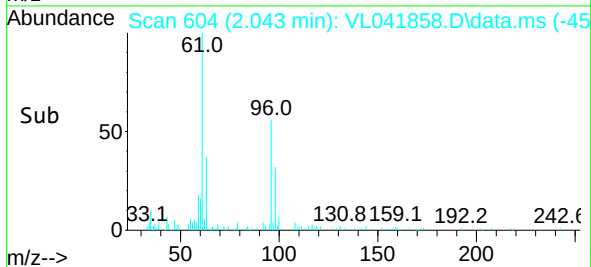
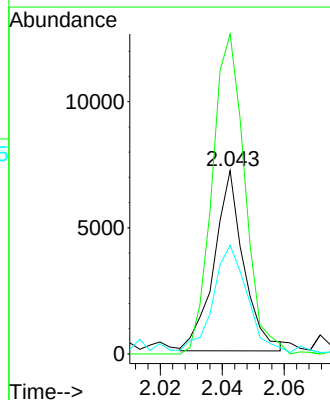
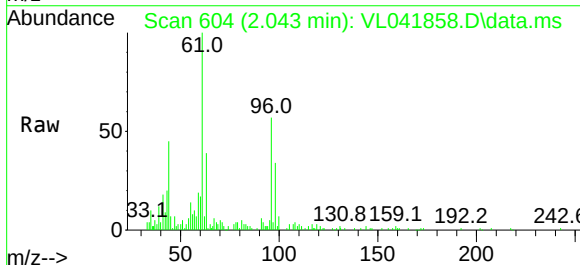
Tgt Ion: 96 Resp: 4747

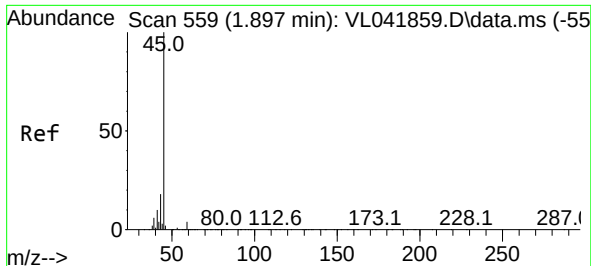
Ion Ratio Lower Upper

96 100

61 180.1 179.2 268.8

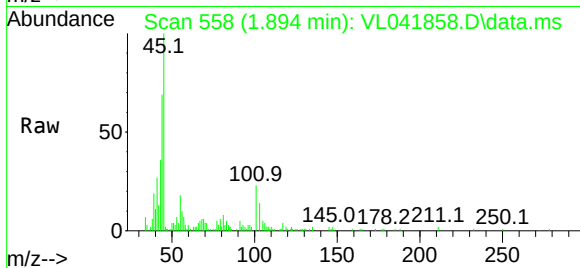
98 59.1 51.6 77.4





#19
Isopropyl Alcohol
Concen: 0.603 ppbv
RT: 1.894 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

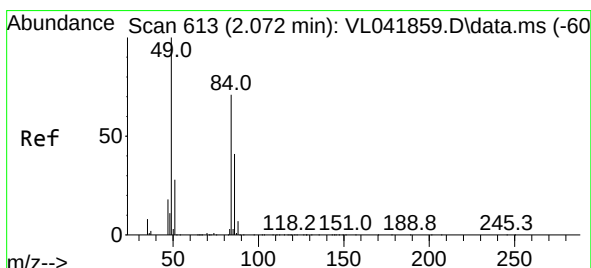
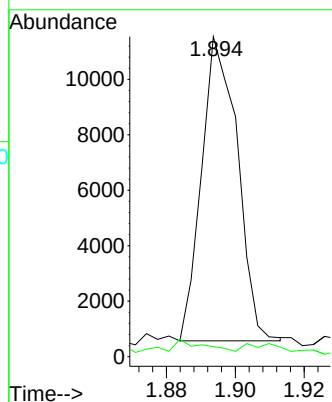
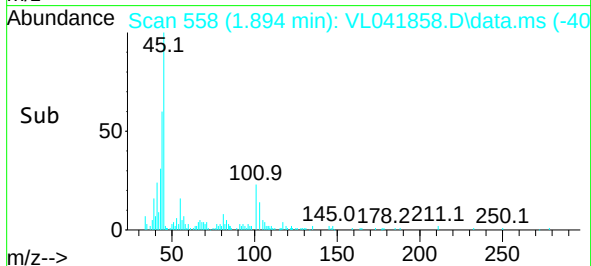
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 7928
Ion Ratio Lower Upper
45 100
58 2.8 2.0 3.0

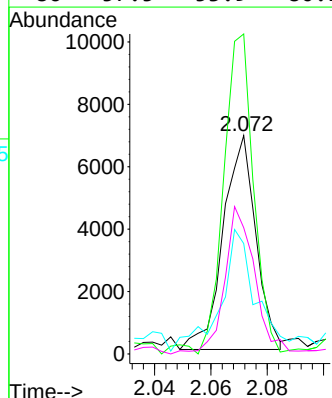
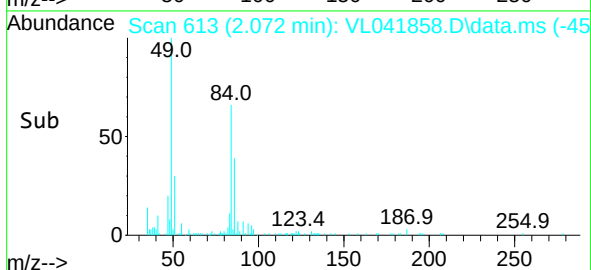
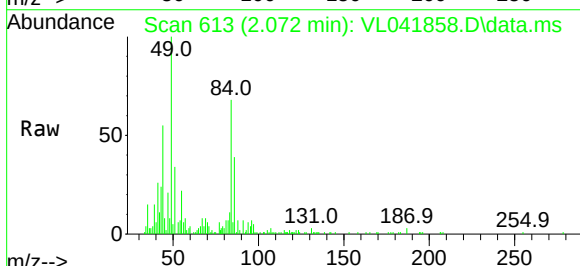
Manual Integrations
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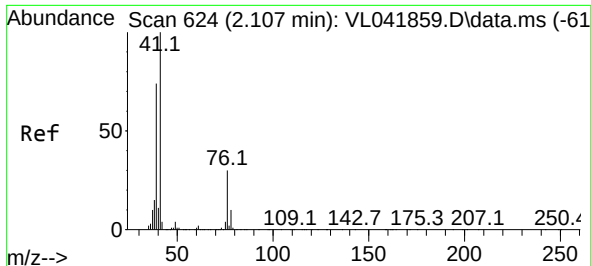
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#20
Methylene Chloride
Concen: 0.691 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

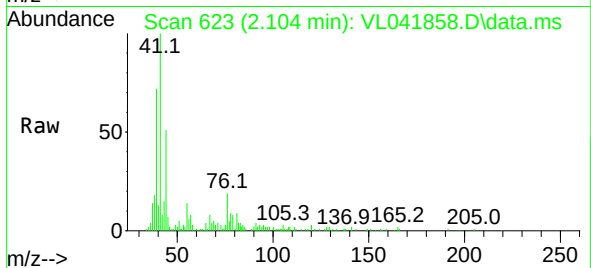
Tgt Ion: 84 Resp: 5533
Ion Ratio Lower Upper
84 100
49 148.7 137.8 206.8
51 43.8 43.9 65.9#
86 57.5 53.9 80.9





#21
 Allyl Chloride
 Concen: 0.720 ppbv
 RT: 2.104 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

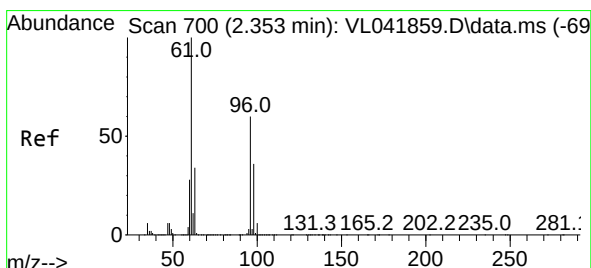
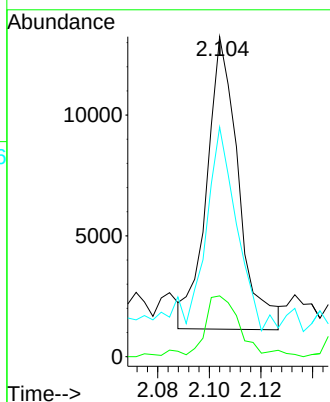
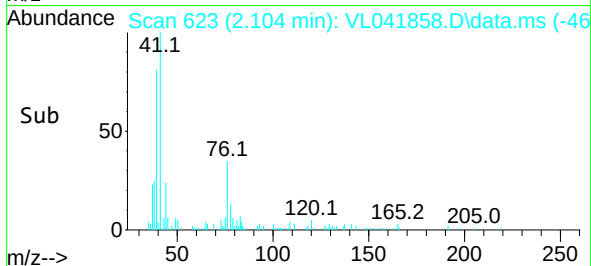
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



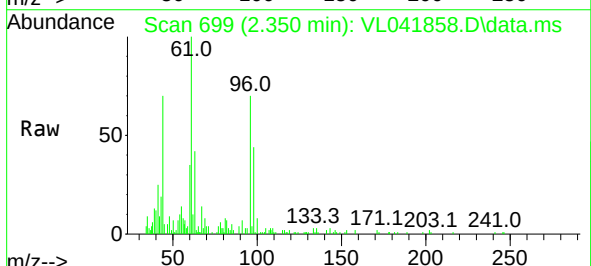
Tgt Ion: 41 Resp: 1038
 Ion Ratio Lower Upper
 41 100
 76 24.4 20.6 31.0
 39 89.1 67.4 101.2

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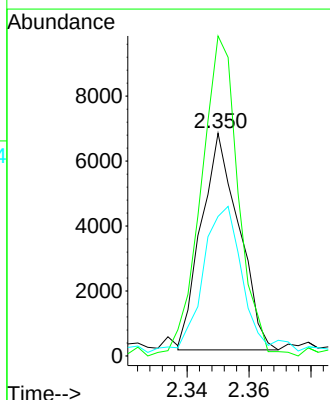
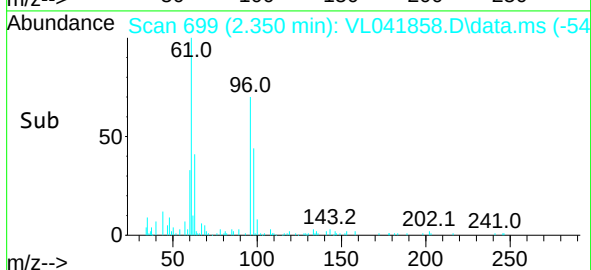
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

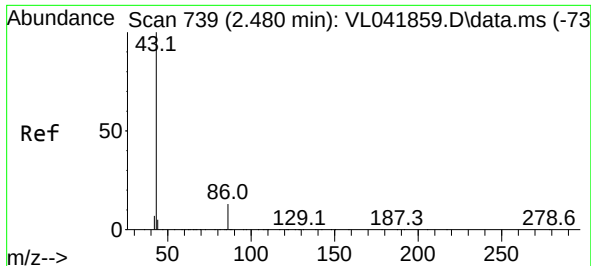


#22
 trans-1,2-Dichloroethene
 Concen: 0.637 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33



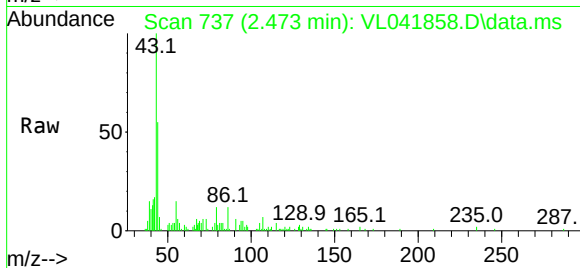
Tgt Ion: 96 Resp: 5633
 Ion Ratio Lower Upper
 96 100
 61 145.7 144.0 216.0
 98 60.7 46.9 70.3





#23
 Vinyl Acetate
 Concen: 0.920 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

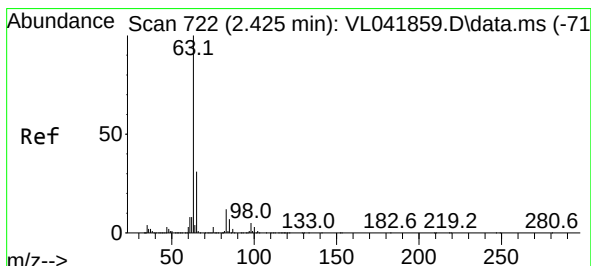
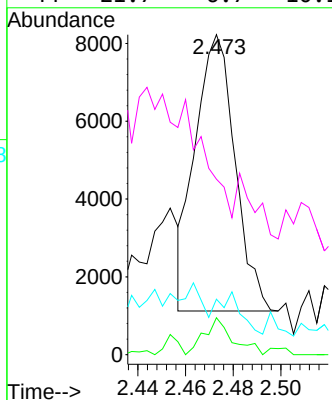
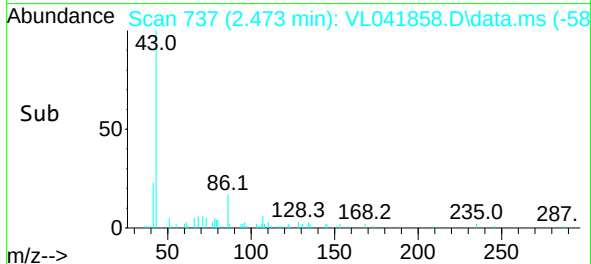
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 43 Resp: 8260
 Ion Ratio Lower Upper
 43 100
 86 11.2 6.4 9.6
 42 10.8 9.5 14.3
 44 21.7 6.7 10.1#

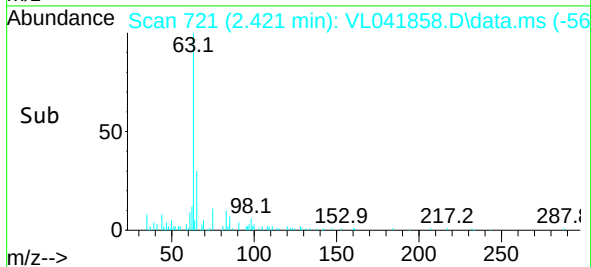
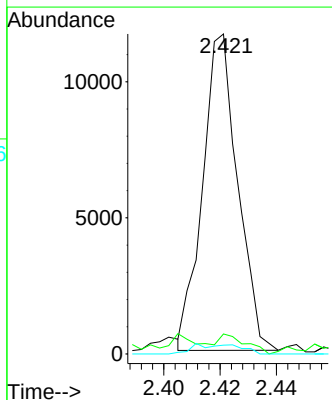
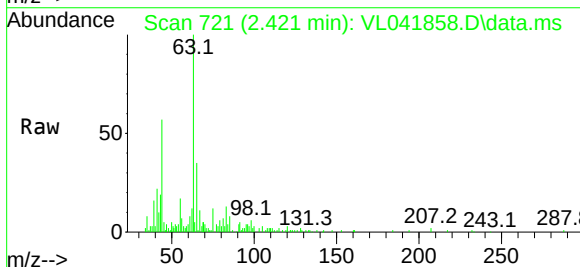
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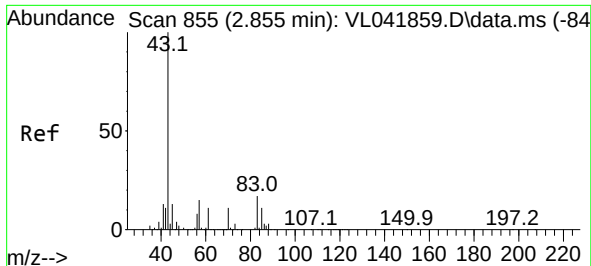
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#24
 1,1-Dichloroethane
 Concen: 0.520 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. 0.003 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

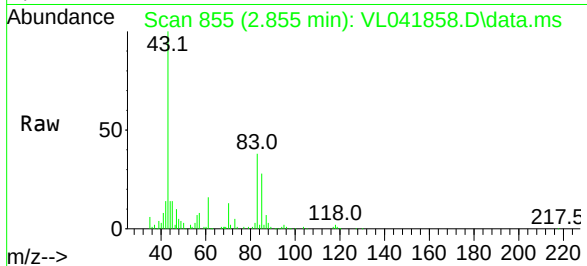
Tgt Ion: 63 Resp: 10070
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.3 6.9
 100 2.8 1.4 4.0





#25
Ethyl Acetate
Concen: 0.750 ppbv
RT: 2.855 min Scan# 855
Delta R.T. 0.010 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

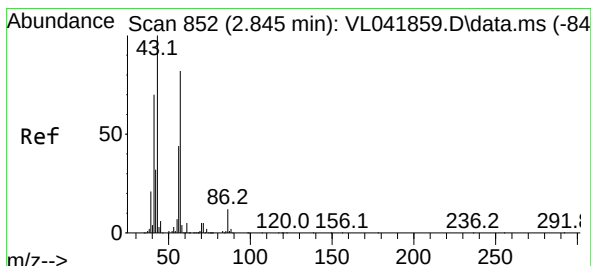
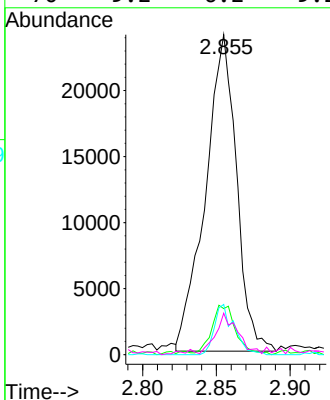
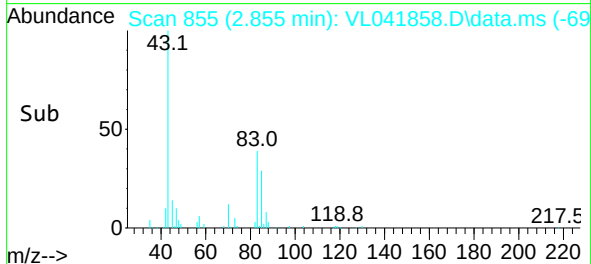
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



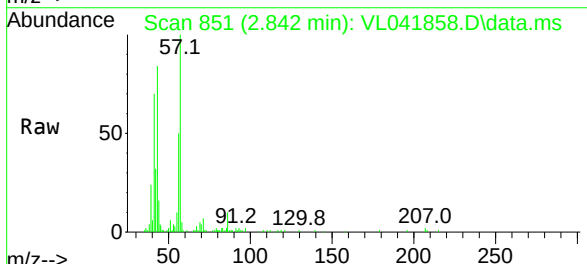
Tgt Ion: 43 Resp: 35229
Ion Ratio Lower Upper
43 100
45 11.8 7.8 11.8
61 10.1 7.0 10.6
70 9.2 6.2 9.2

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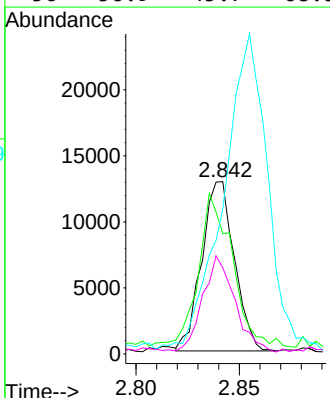
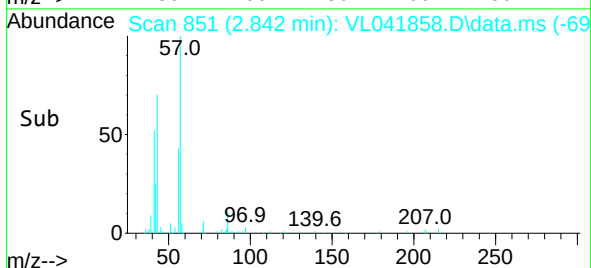
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

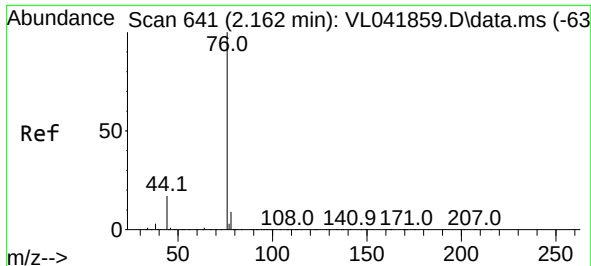


#26
Hexane
Concen: 0.866 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



Tgt Ion: 57 Resp: 14114
Ion Ratio Lower Upper
57 100
41 100.1 84.1 126.1
43 250.0 218.4 327.6
56 56.9 45.7 68.5





#27

Carbon Disulfide

Concen: 0.791 ppbv

RT: 2.159 min Scan# 641

Delta R.T. -0.000 min

Lab File: VL041858.D

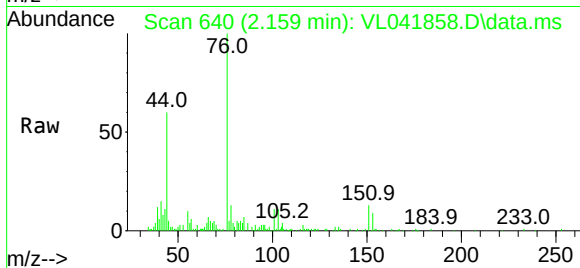
Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



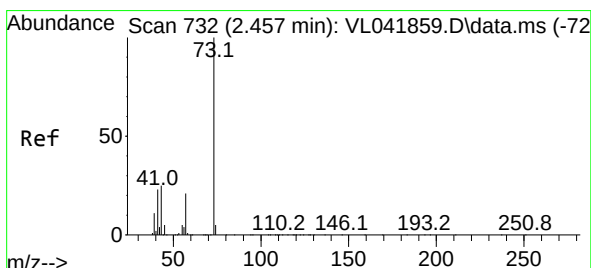
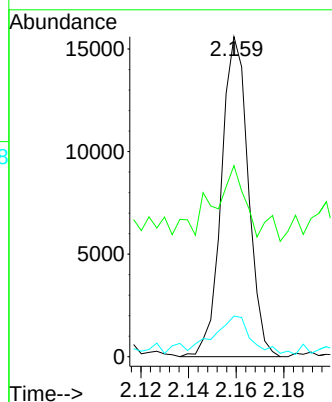
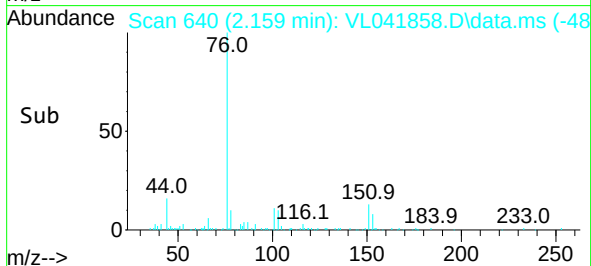
Tgt Ion: 76 Resp: 1223

Ion	Ratio	Lower	Upper
76	100		
44	194.5	19.8	29.8
78	22.4	9.8	14.8

Manual Integrations

APPROVED

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



#28

Methyl tert-Butyl Ether

Concen: 0.665 ppbv

RT: 2.454 min Scan# 731

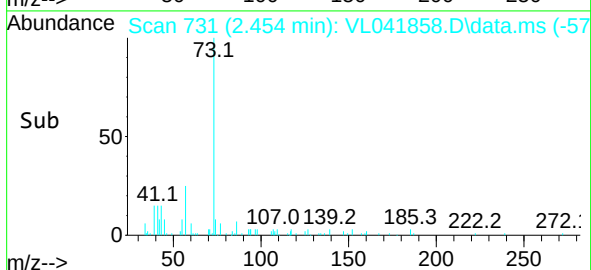
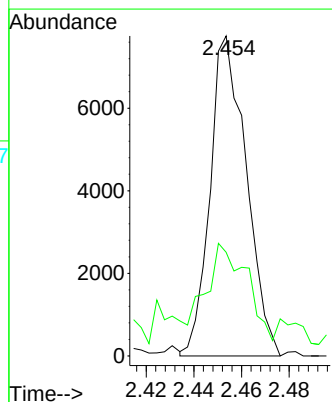
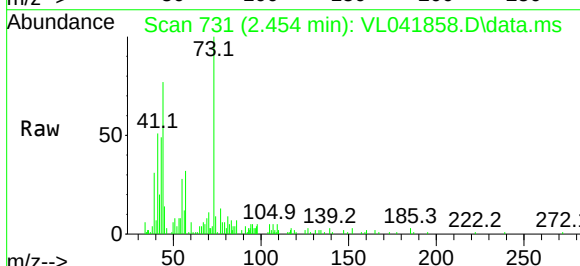
Delta R.T. 0.003 min

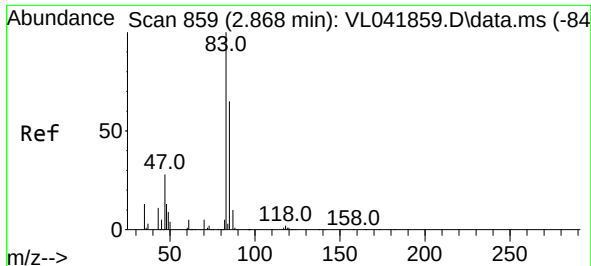
Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Tgt Ion: 73 Resp: 8168

Ion	Ratio	Lower	Upper
73	100		
57	61.9	18.4	27.6





#29

Chloroform

Concen: 0.621 ppbv

RT: 2.861 min Scan# 859

Delta R.T. -0.000 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 18789

Ion Ratio Lower Upper

83 100

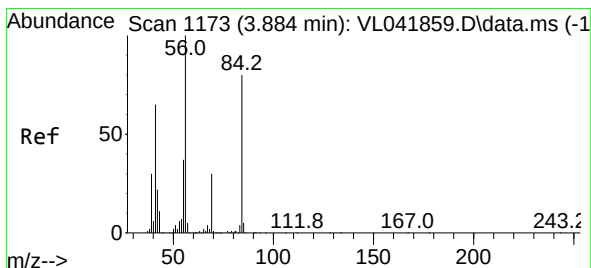
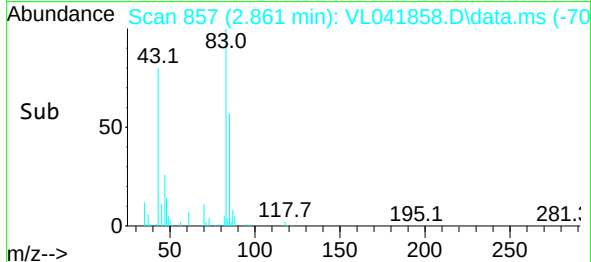
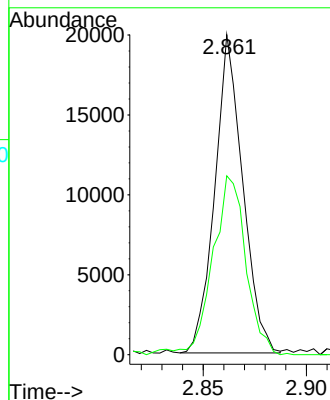
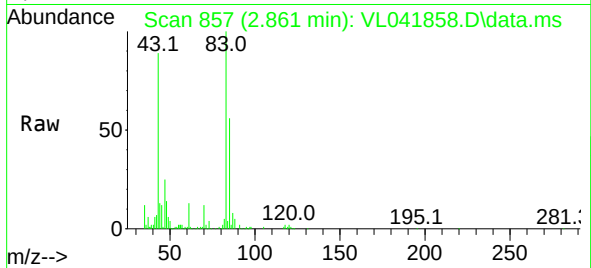
85 56.2 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#30

Cyclohexane

Concen: 0.899 ppbv m

RT: 3.874 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

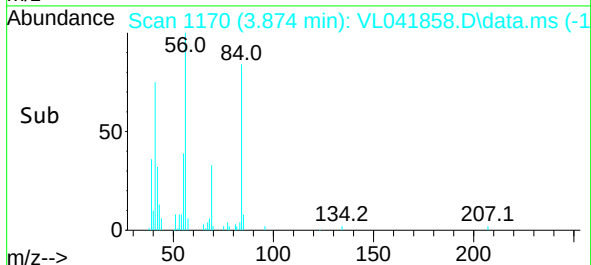
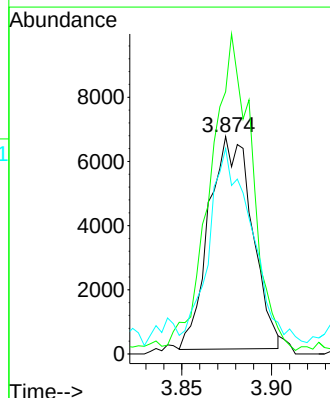
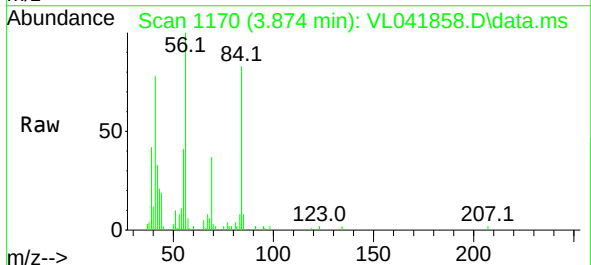
Tgt Ion: 84 Resp: 11116

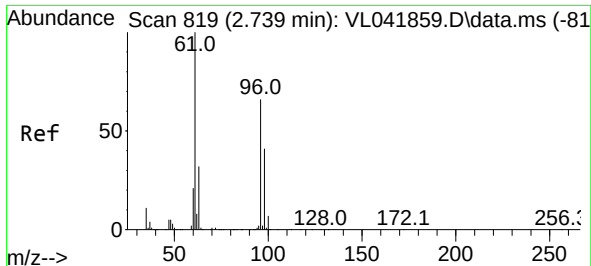
Ion Ratio Lower Upper

84 100

56 0.0 105.0 157.6#

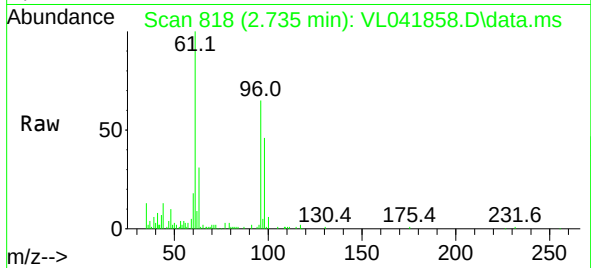
41 102.9 78.9 118.3





#31
cis-1,2-Dichloroethene
Concen: 0.771 ppbv m
RT: 2.735 min Scan# 819
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

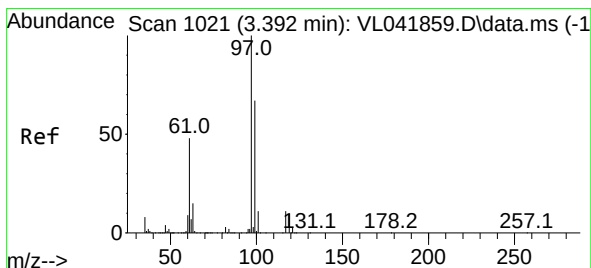
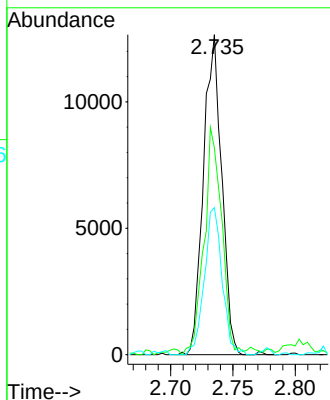
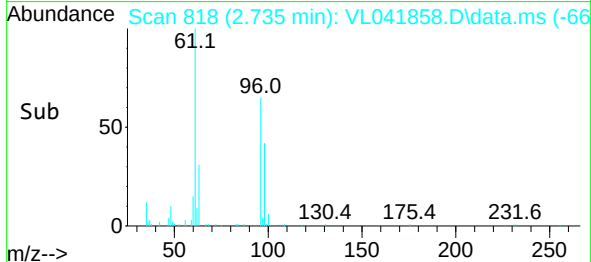
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 61 Resp: 1292
Ion Ratio Lower Upper
61 100
96 64.6 47.6 71.4
98 46.0 30.2 45.2

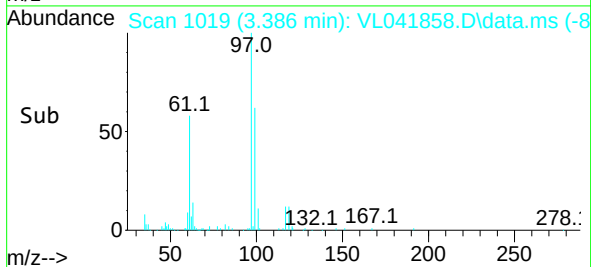
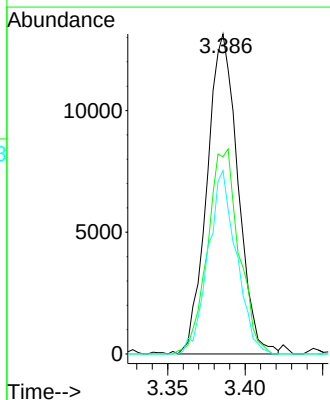
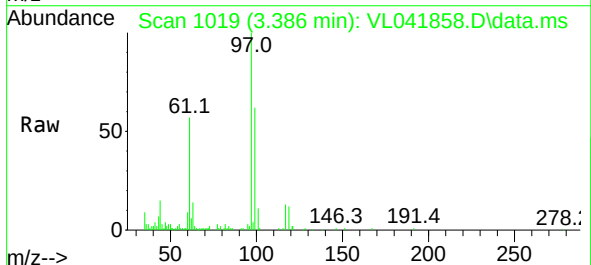
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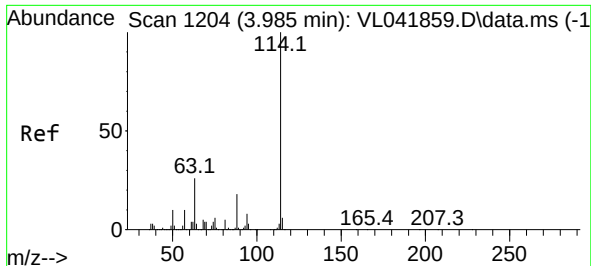
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#32
1,1,1-Trichloroethane
Concen: 0.664 ppbv
RT: 3.386 min Scan# 1019
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Tgt Ion: 97 Resp: 18209
Ion Ratio Lower Upper
97 100
99 65.2 50.6 76.0
61 52.6 45.0 67.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 45751

Ion Ratio Lower Upper

114 100

63 25.0 22.3 33.5

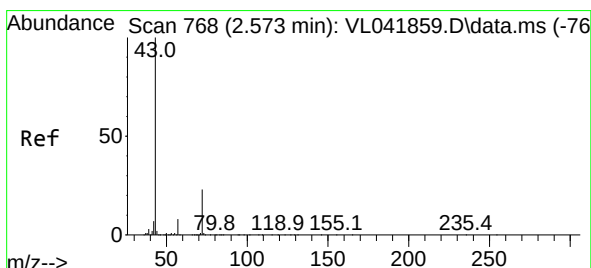
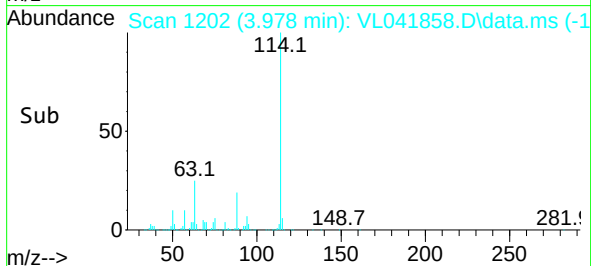
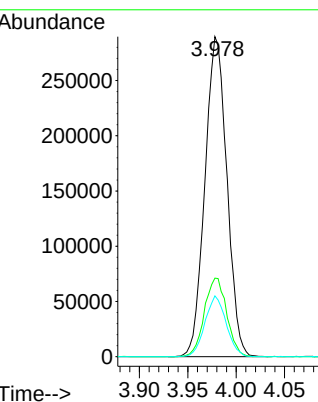
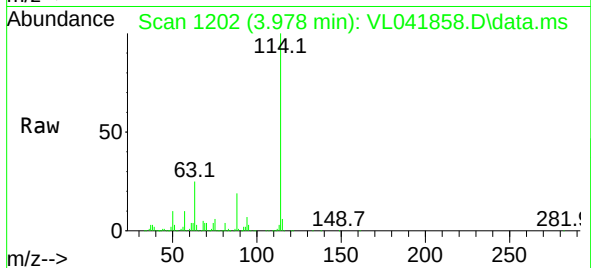
88 18.4 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#34

2-Butanone

Concen: 0.551 ppbv

RT: 2.573 min Scan# 768

Delta R.T. 0.006 min

Lab File: VL041858.D

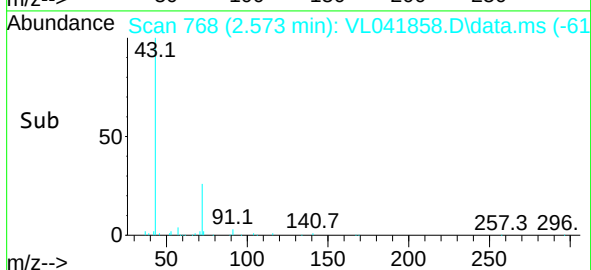
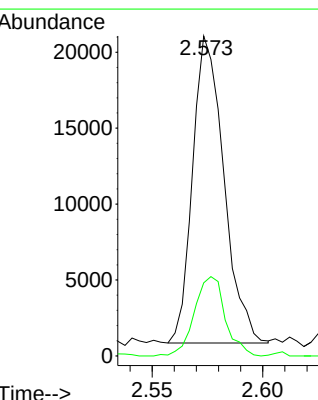
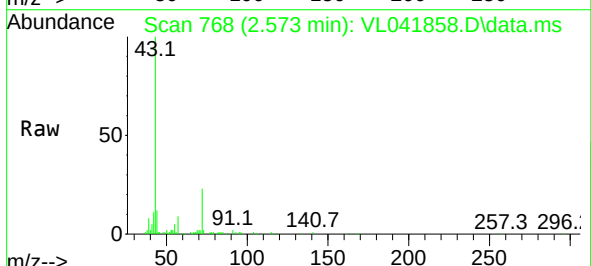
Acq: 09 Jan 2025 10:33

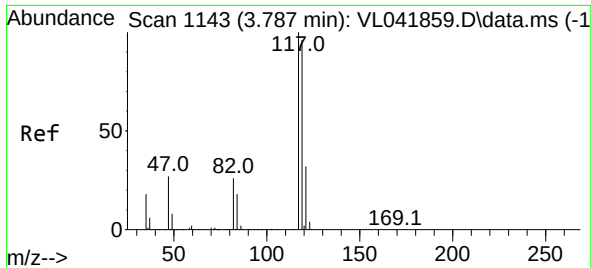
Tgt Ion: 43 Resp: 19843

Ion Ratio Lower Upper

43 100

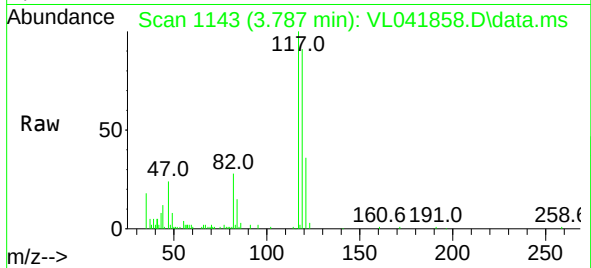
72 26.0 16.6 25.0#





#35
Carbon Tetrachloride
Concen: 0.511 ppbv
RT: 3.787 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

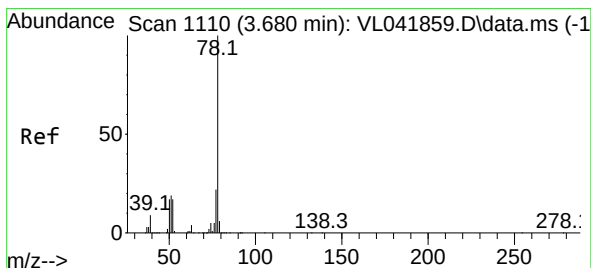
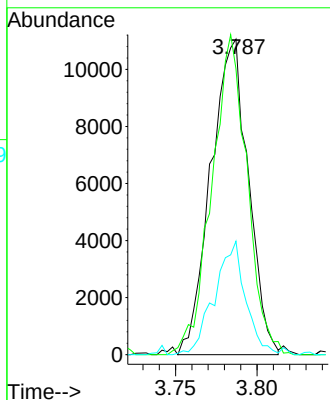
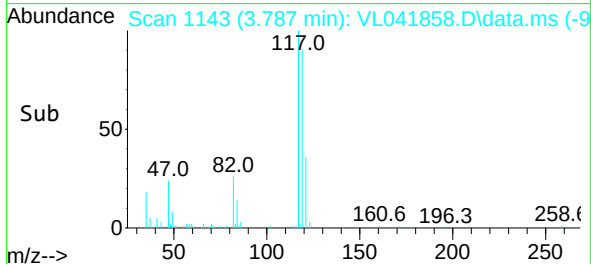
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



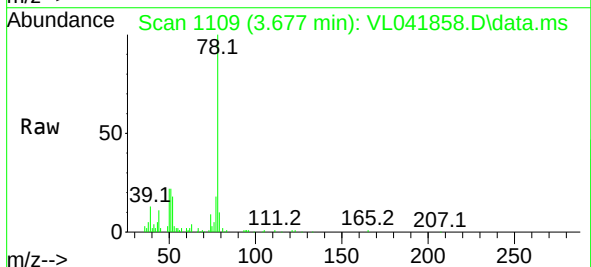
Tgt Ion:117 Resp: 17679
Ion Ratio Lower Upper
117 100
119 88.3 79.1 118.7
121 35.5 24.2 36.2

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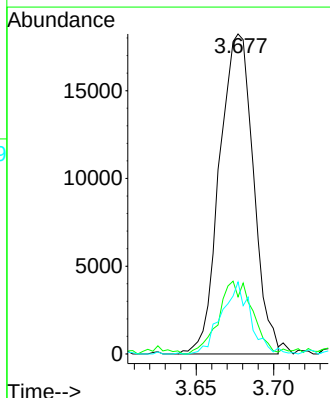
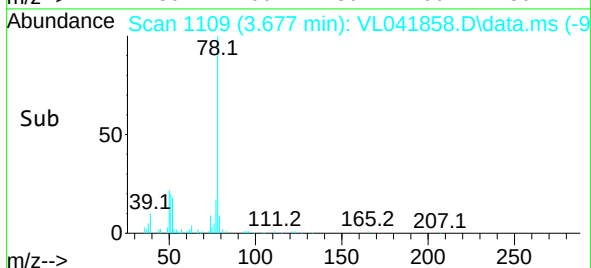
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

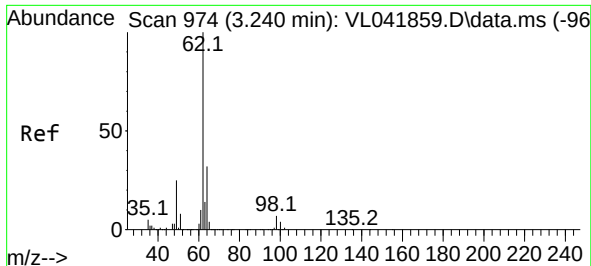


#36
Benzene
Concen: 0.633 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



Tgt Ion: 78 Resp: 27682
Ion Ratio Lower Upper
78 100
77 17.3 17.4 26.0#
50 22.2 17.3 25.9





#37

1,2-Dichloroethane

Concen: 0.477 ppbv

RT: 3.234 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 62 Resp: 1369

Ion Ratio Lower Upper

62 100

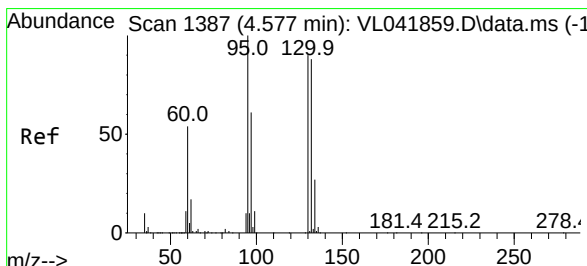
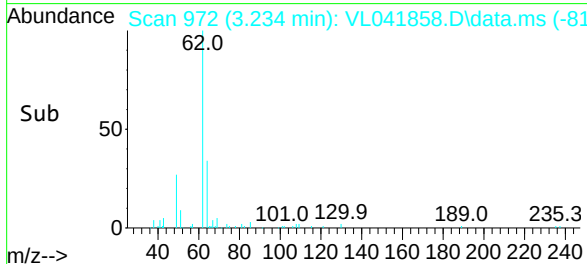
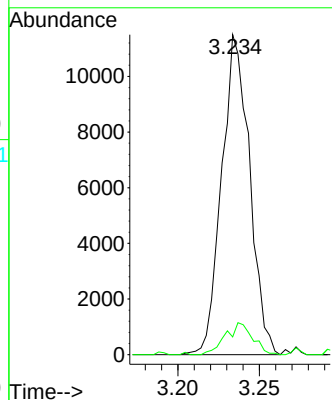
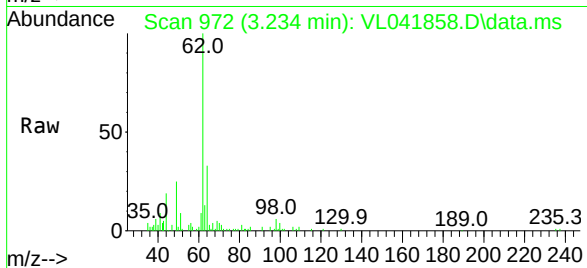
98 9.7 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#38

Trichloroethene

Concen: 0.630 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Tgt Ion:130 Resp: 10787

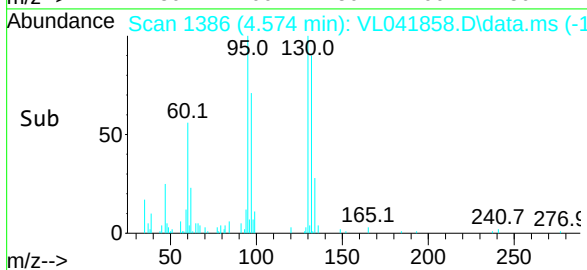
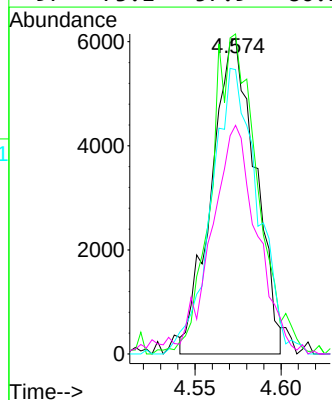
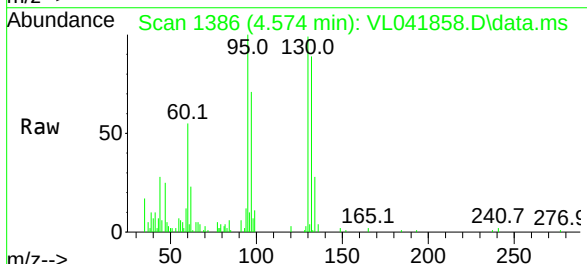
Ion Ratio Lower Upper

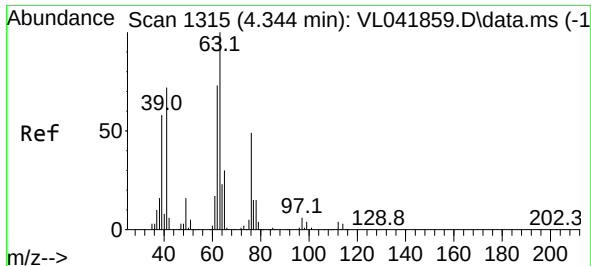
130 100

95 102.8 90.1 135.1

132 87.7 71.8 107.8

97 73.1 57.9 86.9





#39

1,2-Dichloropropane

Concen: 0.588 ppbv m

RT: 4.347 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL041858.D

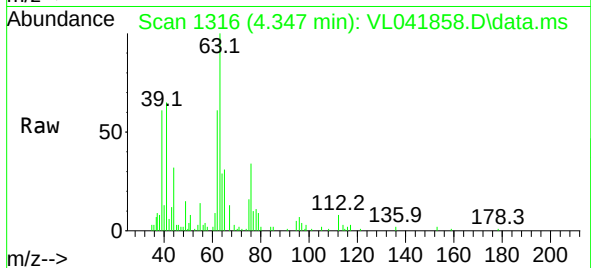
Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



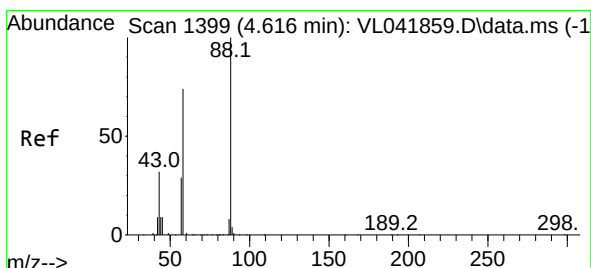
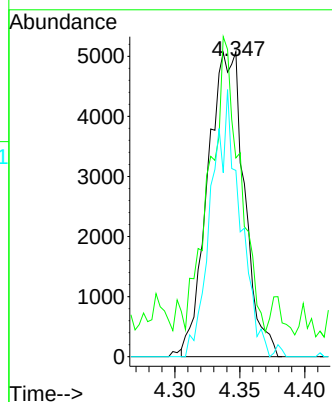
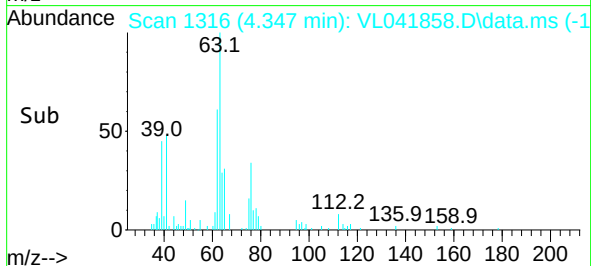
Tgt Ion:	63	Resp:	9949
Ion	Ratio	Lower	Upper
63	100		
41	65.1	77.7	116.5
62	61.1	56.2	84.2

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: 0.829 ppbv m

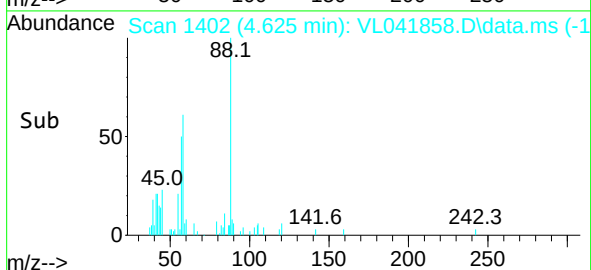
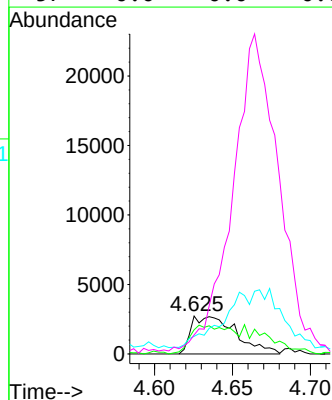
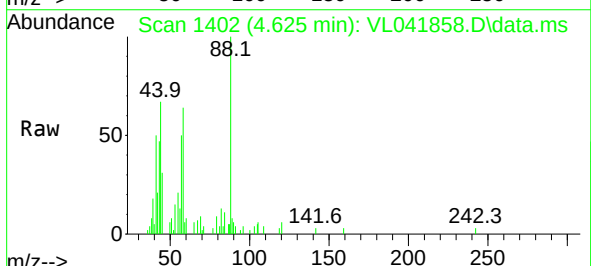
RT: 4.625 min Scan# 1402

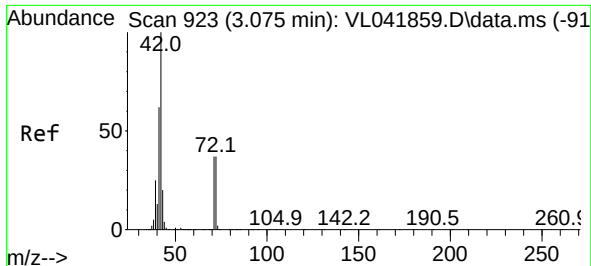
Delta R.T. 0.019 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

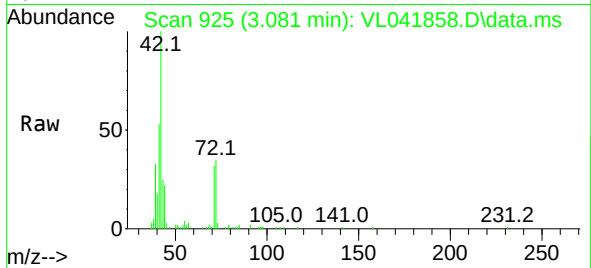
Tgt Ion:	88	Resp:	5432
Ion	Ratio	Lower	Upper
88	100		
58	0.0	65.1	97.7#
43	0.0	32.1	48.1#
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.676 ppbv
RT: 3.081 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

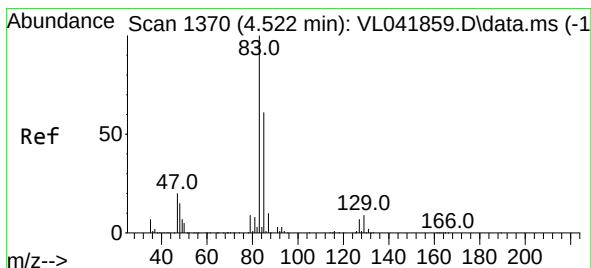
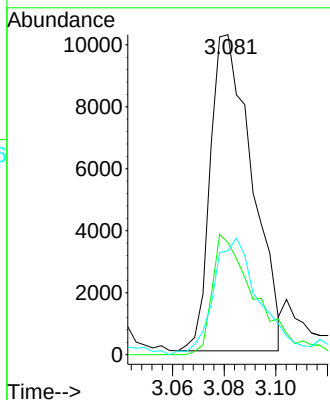
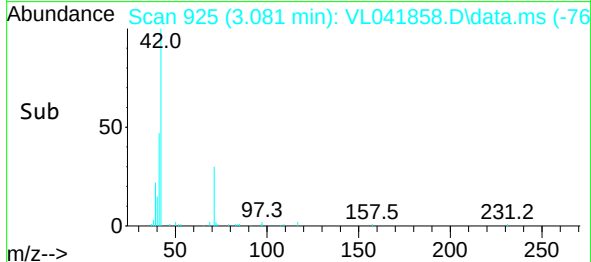
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



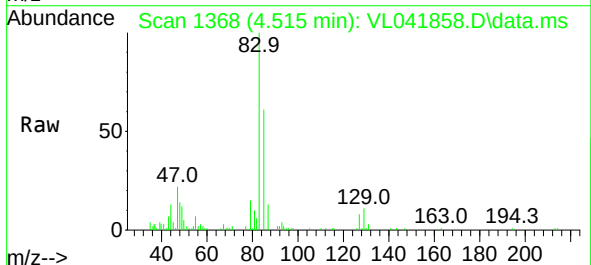
Tgt Ion: 42 Resp: 1148
Ion Ratio Lower Upper
42 100
72 39.8 27.9 41.9
71 40.1 26.5 39.7

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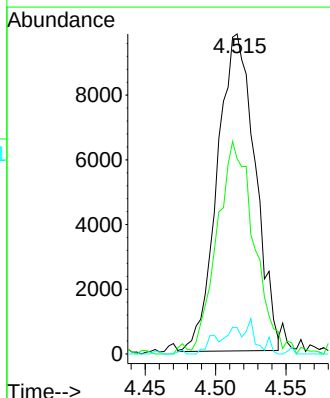
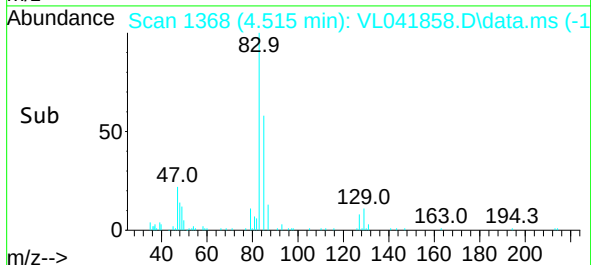
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

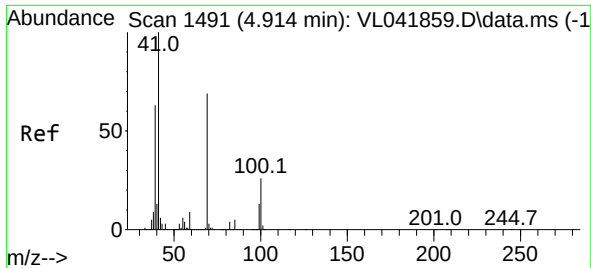


#42
Bromodichloromethane
Concen: 0.542 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



Tgt Ion: 83 Resp: 18278
Ion Ratio Lower Upper
83 100
85 59.8 51.3 76.9
127 8.3 5.6 8.4





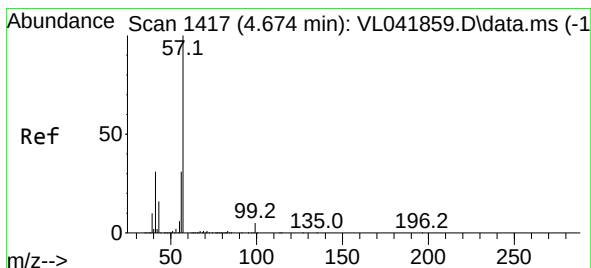
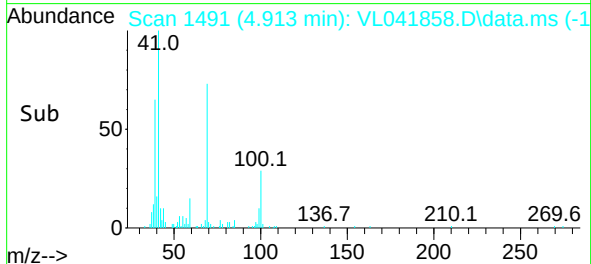
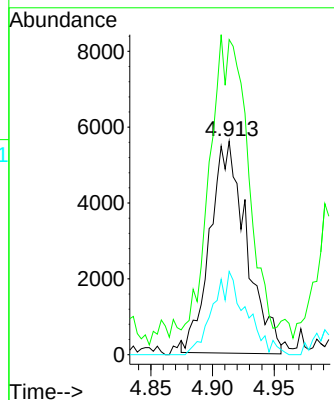
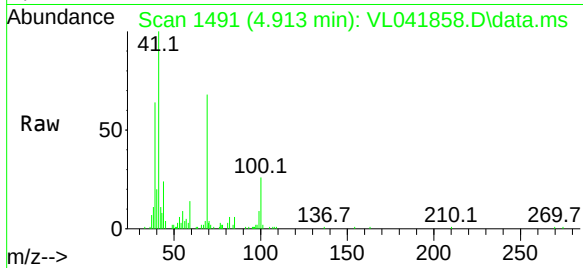
#43
Methyl Methacrylate
Concen: 0.841 ppbv
RT: 4.913 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 1154
Ion Ratio Lower Upper
69 100
41 152.3 132.3 198.5
100 35.9 28.2 42.4

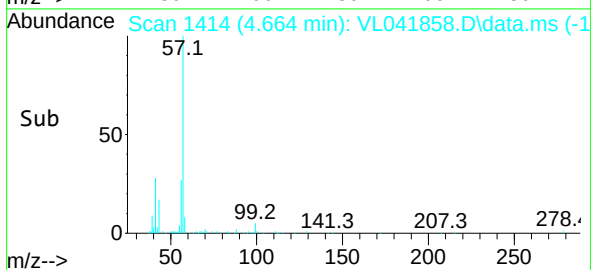
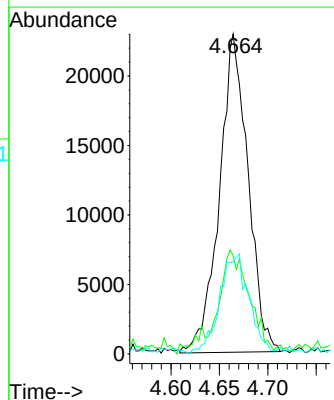
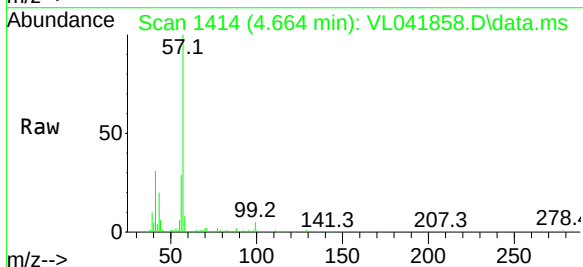
Manual Integrations
APPROVED

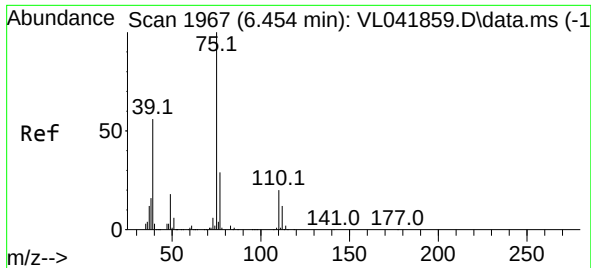
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 0.654 ppbv
RT: 4.664 min Scan# 1414
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Tgt Ion: 57 Resp: 47096
Ion Ratio Lower Upper
57 100
41 32.4 31.4 47.2
56 30.5 26.6 39.8





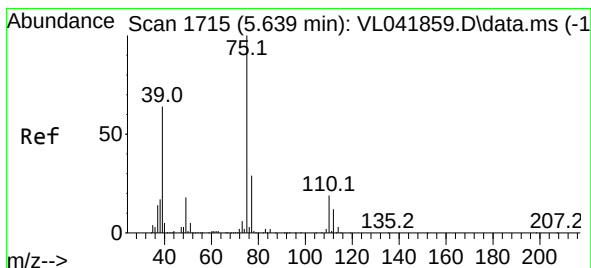
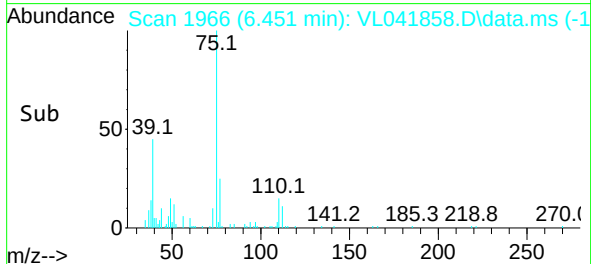
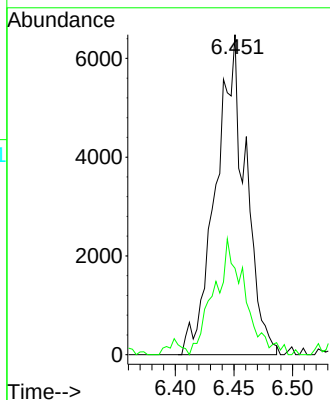
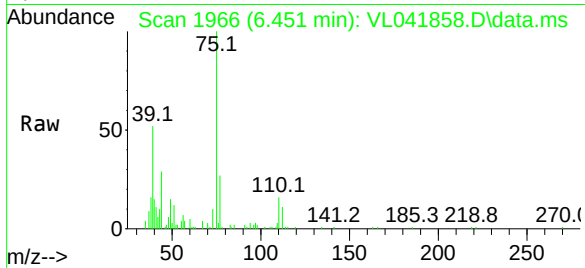
#45
 t-1,3-Dichloropropene
 Concen: 0.860 ppbv m
 RT: 6.451 min Scan# 1966
 Delta R.T. 0.013 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 75 Resp: 11520
 Ion Ratio Lower Upper
 75 100
 77 27.0 22.2 33.4

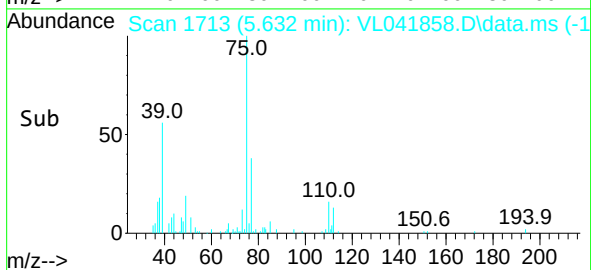
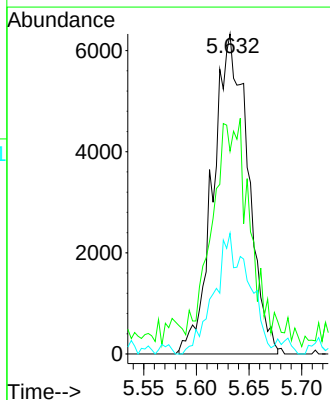
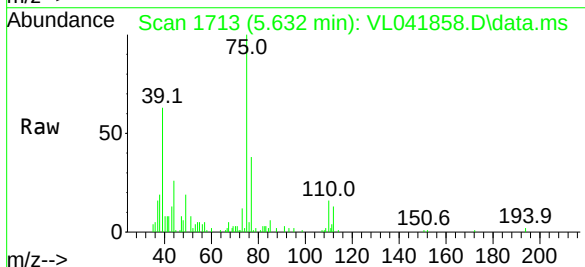
Manual Integrations
 APPROVED

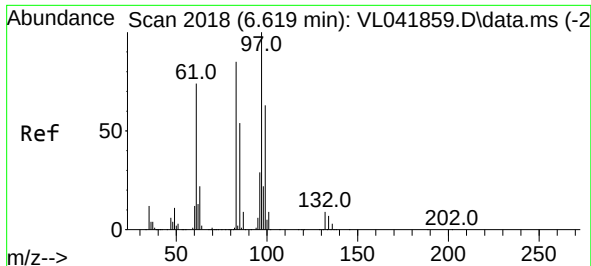
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#46
 cis-1,3-Dichloropropene
 Concen: 0.828 ppbv m
 RT: 5.632 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

Tgt Ion: 75 Resp: 14588
 Ion Ratio Lower Upper
 75 100
 39 63.3 63.3 94.9
 77 37.7 23.5 35.3#





#47

1,1,2-Trichloroethane

Concen: 0.566 ppbv

RT: 6.613 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 97 Resp: 10118

Ion Ratio Lower Upper

97 100

83 89.6 70.3 105.5

85 53.6 41.5 62.3

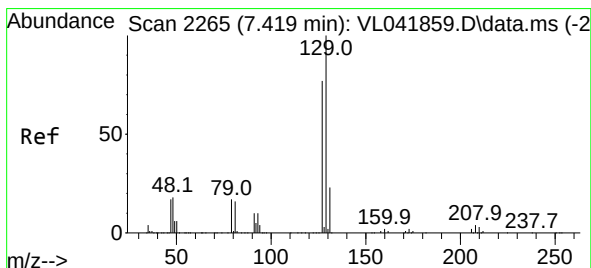
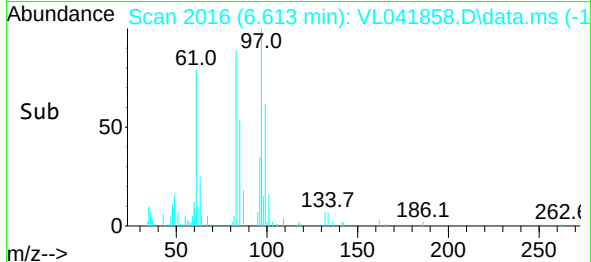
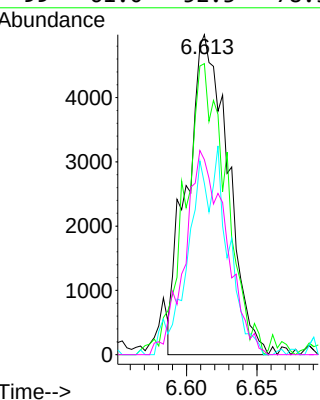
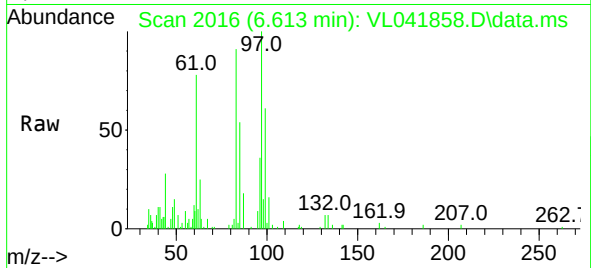
99 61.0 52.3 78.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#48

Dibromochloromethane

Concen: 0.634 ppbv

RT: 7.409 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VL041858.D

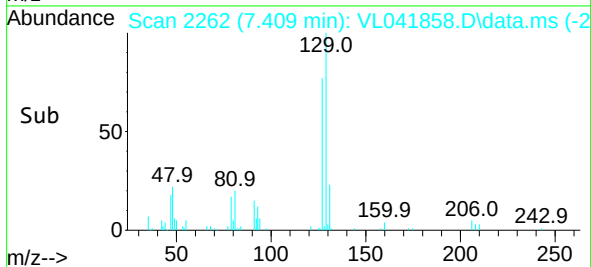
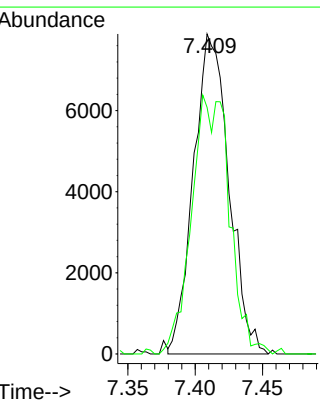
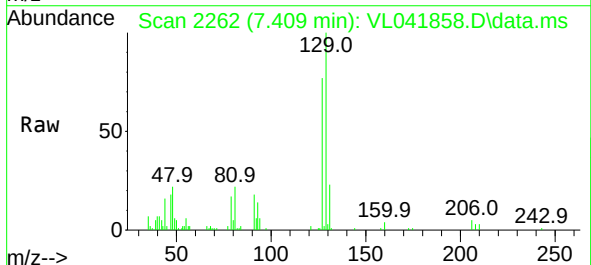
Acq: 09 Jan 2025 10:33

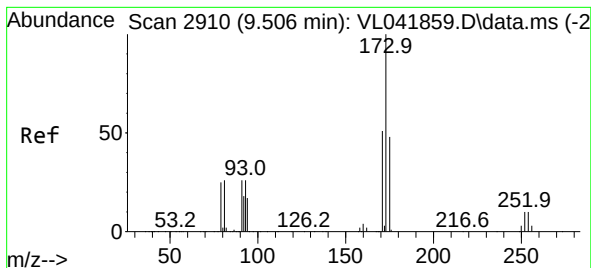
Tgt Ion:129 Resp: 14439

Ion Ratio Lower Upper

129 100

127 86.7 38.7 116.1





#49

Bromoform

Concen: 0.691 ppbv

RT: 9.503 min Scan# 2910

Delta R.T. 0.003 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_L

ClientSampleId :

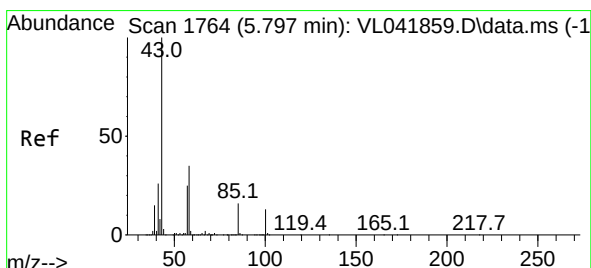
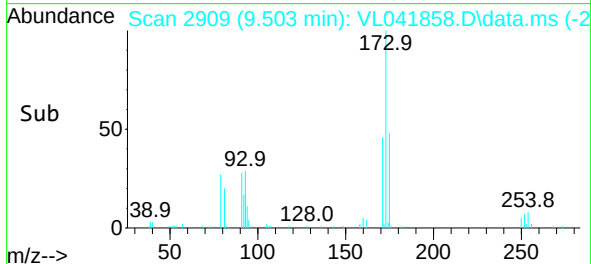
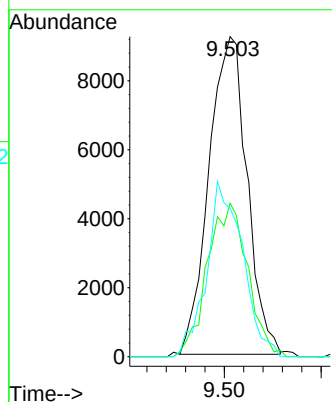
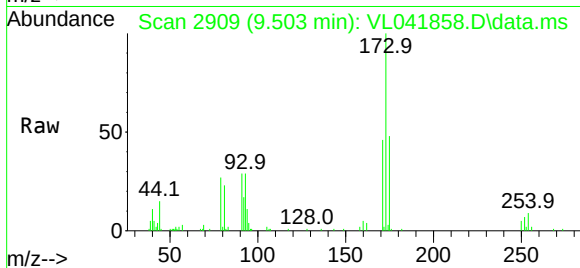
VSTDICC0.5

Tgt Ion:	173	Resp:	12600
Ion	Ratio	Lower	Upper
173	100		
175	51.0	39.5	59.3
171	52.0	41.5	62.3

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: 0.631 ppbv

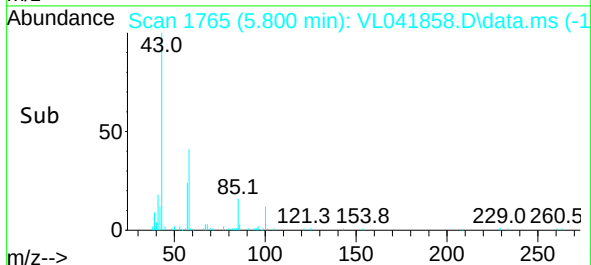
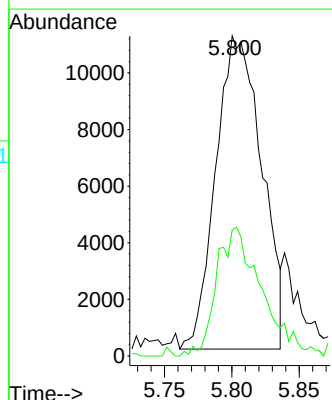
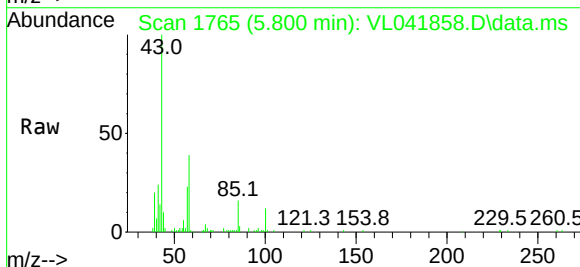
RT: 5.800 min Scan# 1765

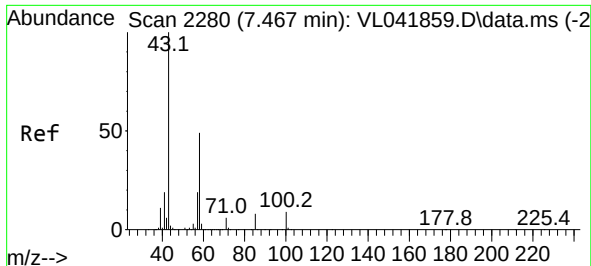
Delta R.T. 0.016 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

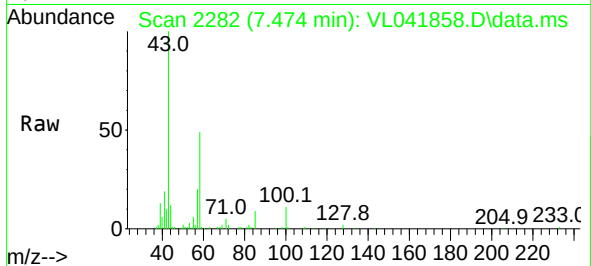
Tgt Ion:	43	Resp:	26263
Ion	Ratio	Lower	Upper
43	100		
58	40.4	25.7	38.5





#51
2-Hexanone
Concen: 0.720 ppbv
RT: 7.474 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

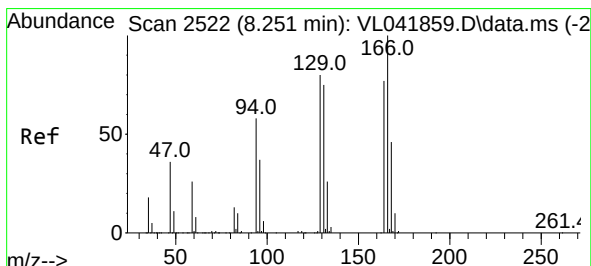
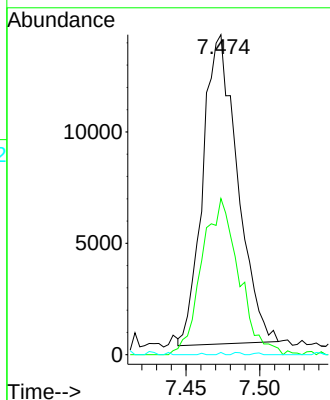
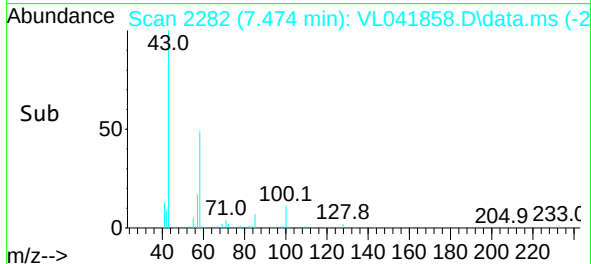
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



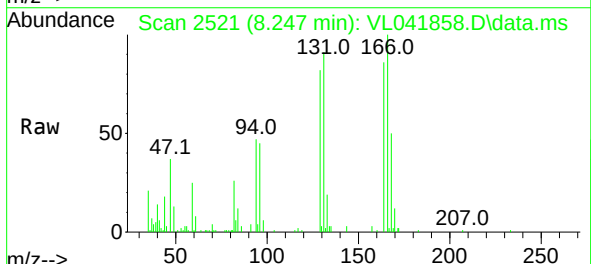
Tgt Ion: 43 Resp: 2272
Ion Ratio Lower Upper
43 100
58 53.9 33.8 50.8
98 0.4 0.7 1.1

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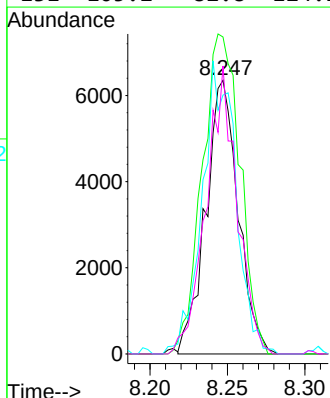
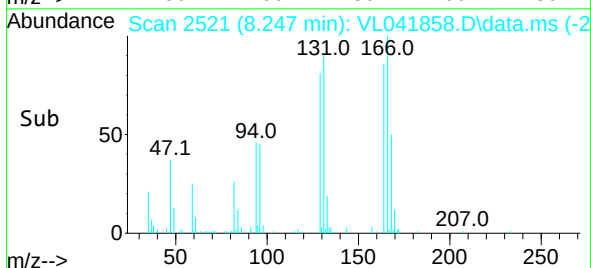
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

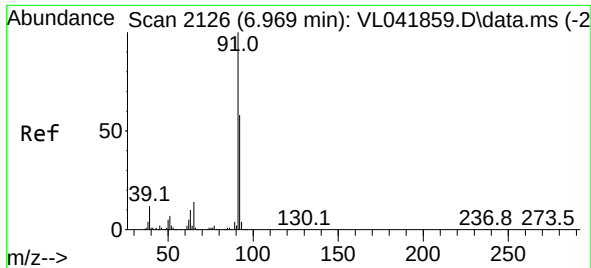


#52
Tetrachloroethene
Concen: 0.714 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



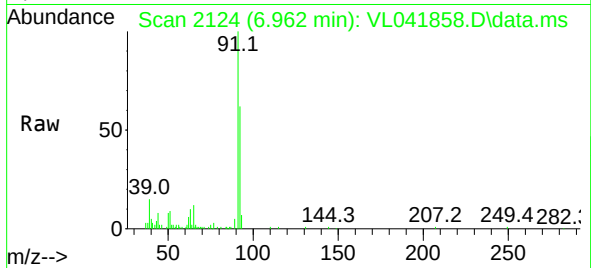
Tgt Ion:164 Resp: 9249
Ion Ratio Lower Upper
164 100
166 115.8 100.4 150.6
129 94.6 85.9 128.9
131 105.2 82.8 124.2





#53
Toluene
Concen: 0.834 ppbv
RT: 6.962 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

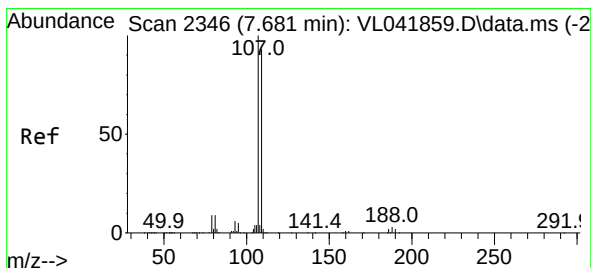
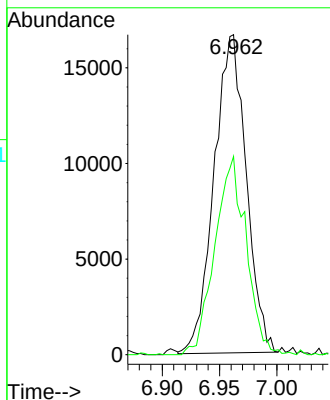
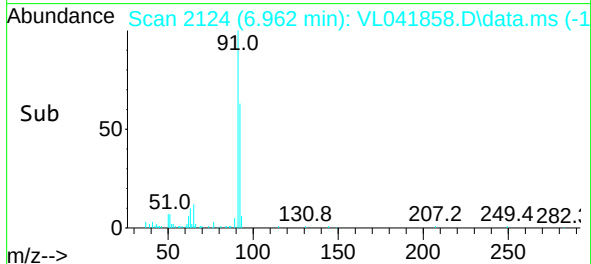
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



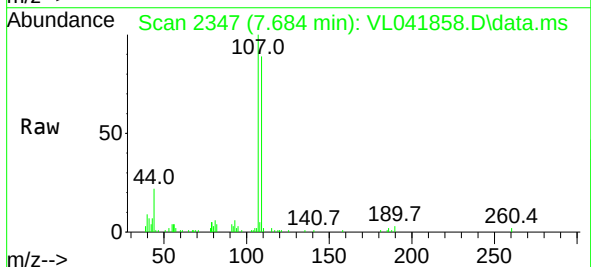
Tgt Ion: 91 Resp: 3247
Ion Ratio Lower Upper
91 100
92 60.7 47.8 71.6

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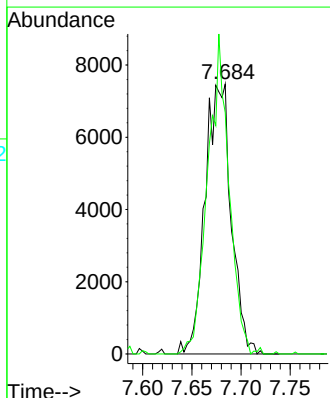
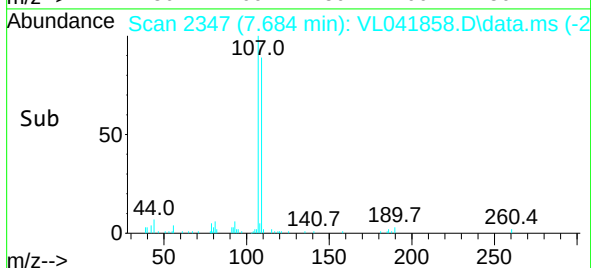
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

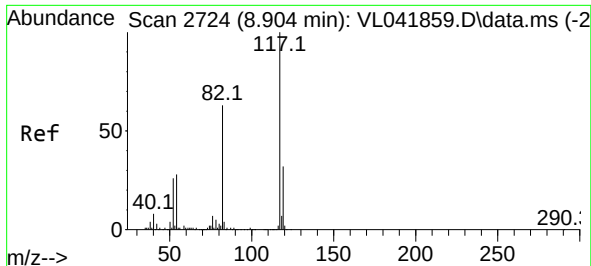


#54
1,2-Dibromoethane
Concen: 0.635 ppbv m
RT: 7.684 min Scan# 2347
Delta R.T. 0.010 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



Tgt Ion:107 Resp: 13908
Ion Ratio Lower Upper
107 100
109 89.4 75.9 113.9





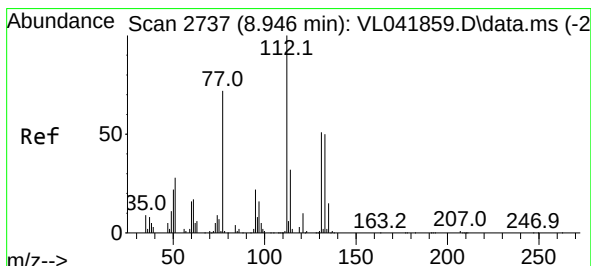
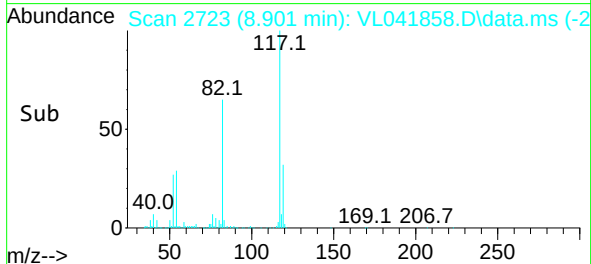
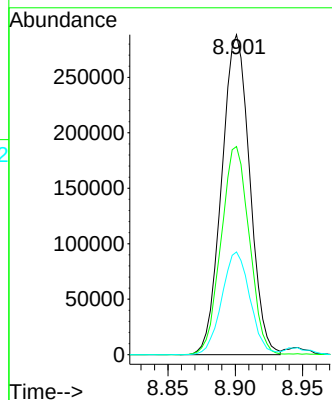
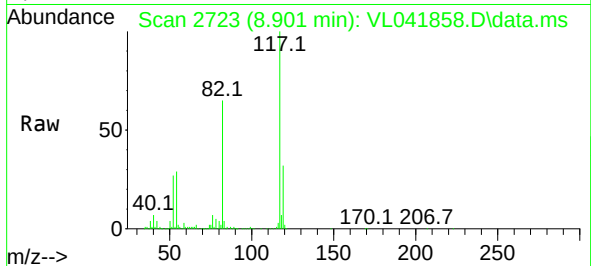
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 41732
Ion Ratio Lower Upper
117 100
82 65.8 59.1 88.7
119 34.3 27.3 40.9

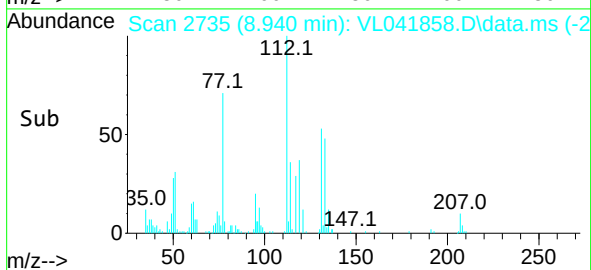
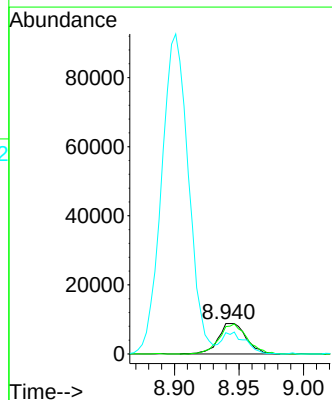
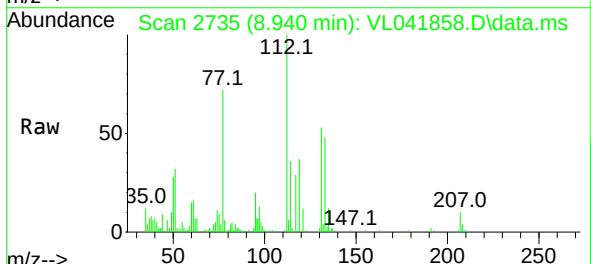
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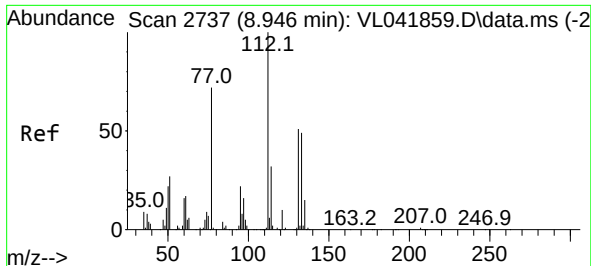
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.555 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

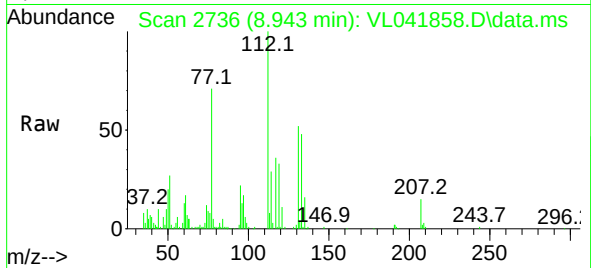
Tgt Ion:131 Resp: 13195
Ion Ratio Lower Upper
131 100
133 98.3 77.3 115.9
119 53.3 50.6 76.0





#57
Chlorobenzene
Concen: 0.572 ppbv
RT: 8.943 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

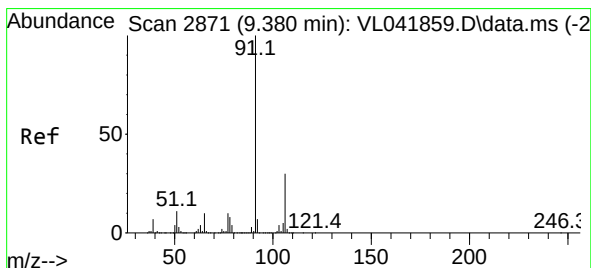
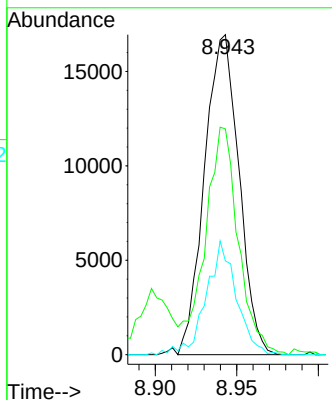
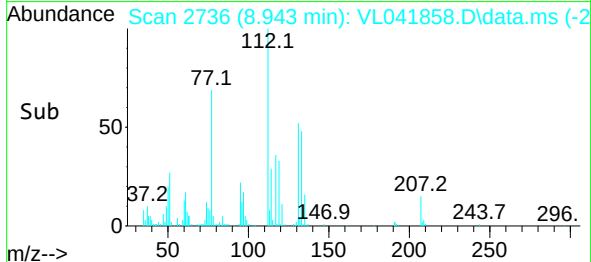
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



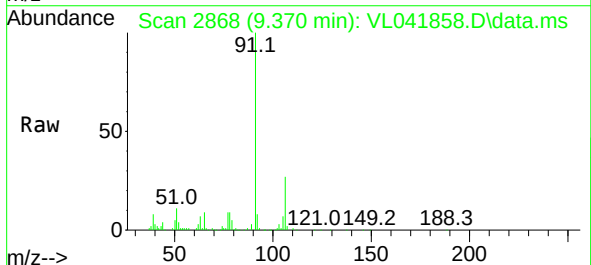
Tgt Ion:112 Resp: 24929
Ion Ratio Lower Upper
112 100
77 69.6 55.1 82.7
114 28.9 28.3 34.5

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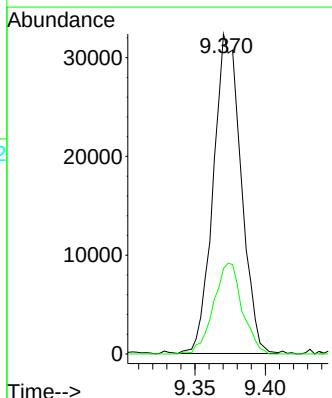
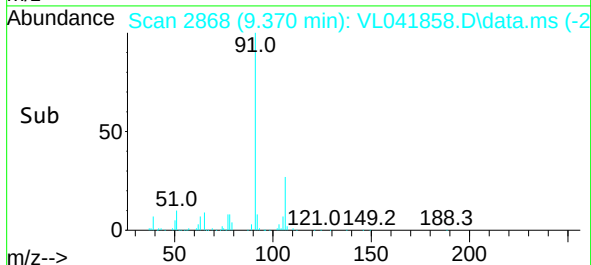
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

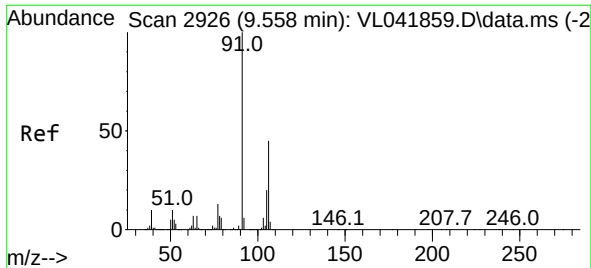


#58
Ethyl Benzene
Concen: 0.780 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



Tgt Ion: 91 Resp: 44339
Ion Ratio Lower Upper
91 100
106 26.8 23.8 35.8





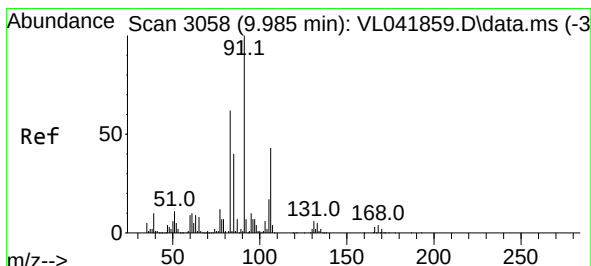
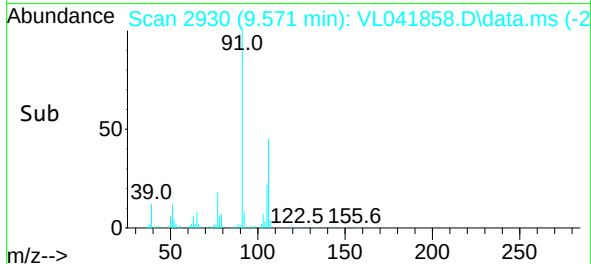
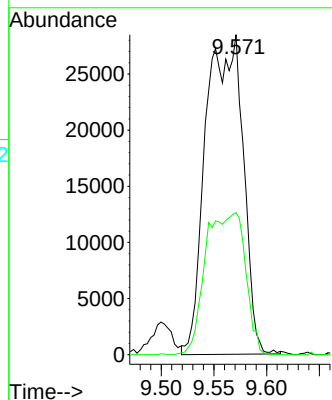
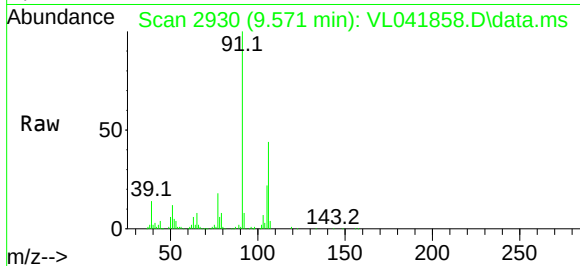
#59
m/p-Xylene
Concen: 1.388 ppbv m
RT: 9.571 min Scan# 2926
Delta R.T. 0.006 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 69700
Ion Ratio Lower Upper
91 100
106 47.7 36.8 55.2

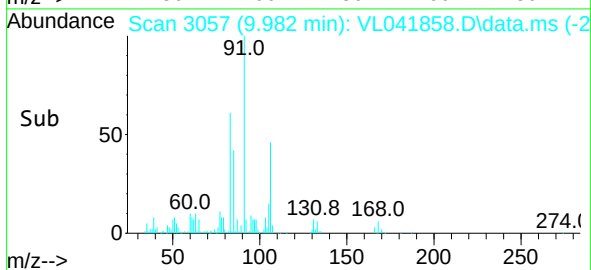
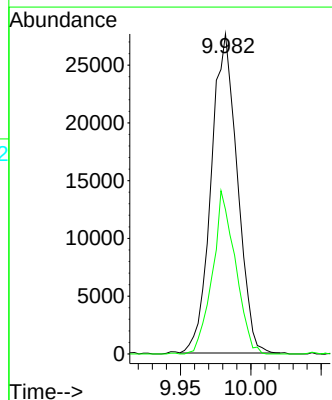
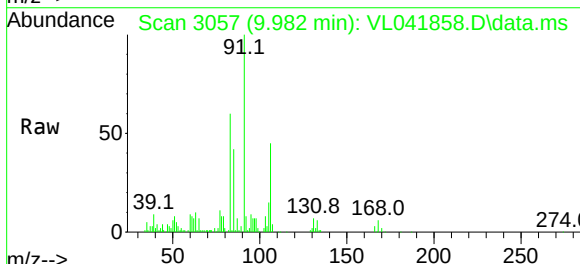
Manual Integrations
APPROVED

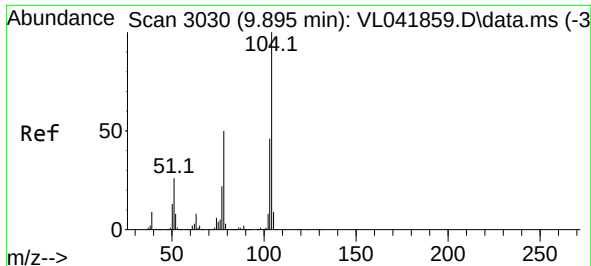
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#60
o-Xylene
Concen: 0.732 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Tgt Ion: 91 Resp: 35757
Ion Ratio Lower Upper
91 100
106 44.9 21.9 65.5





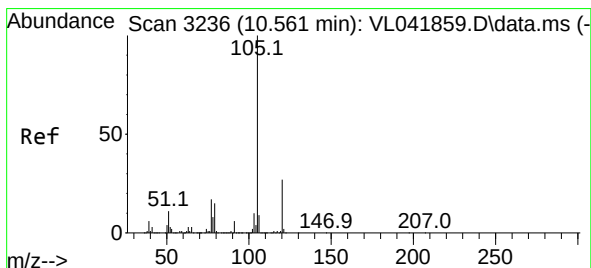
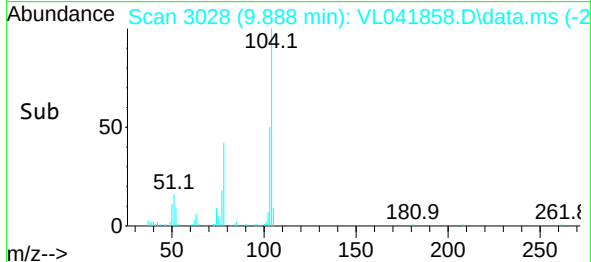
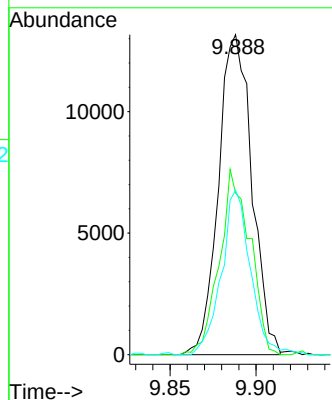
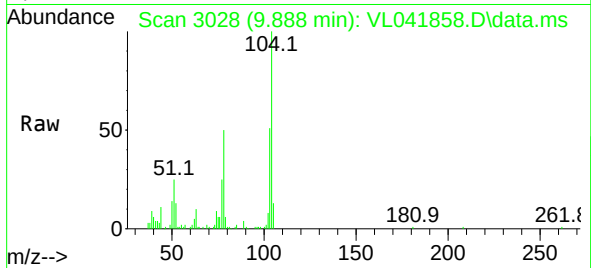
#61
Styrene
Concen: 0.939 ppbv
RT: 9.888 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 1778
Ion Ratio Lower Upper
104 100
78 53.3 42.8 64.2
103 45.1 37.8 56.6

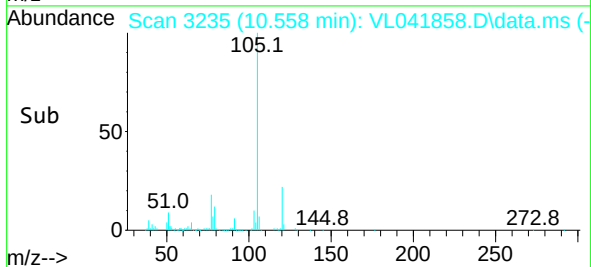
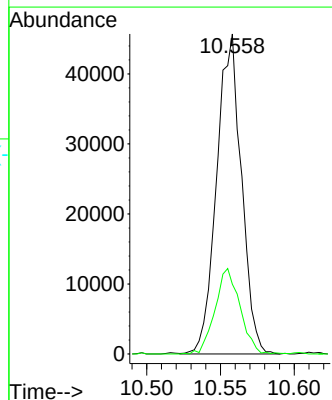
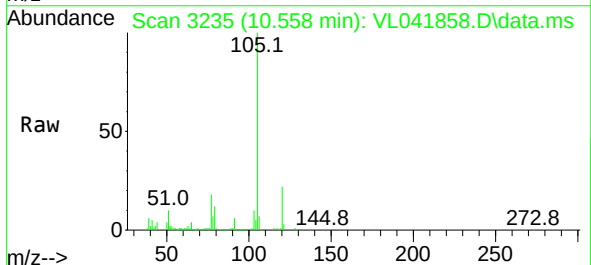
Manual Integrations
APPROVED

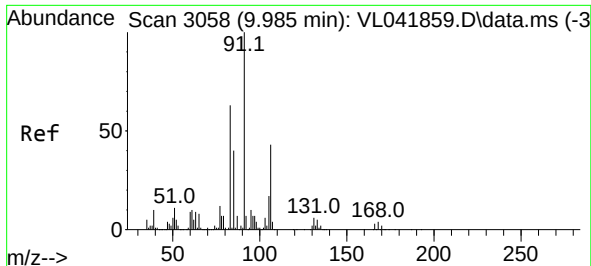
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#62
Isopropylbenzene
Concen: 0.695 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.006 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Tgt Ion:105 Resp: 53304
Ion Ratio Lower Upper
105 100
120 27.1 20.4 30.6





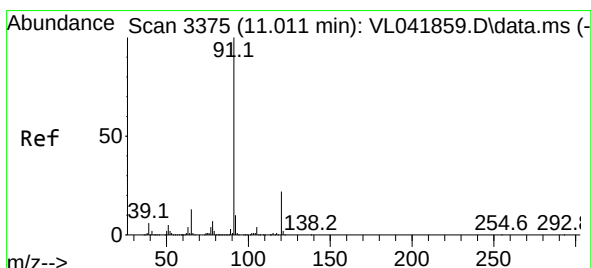
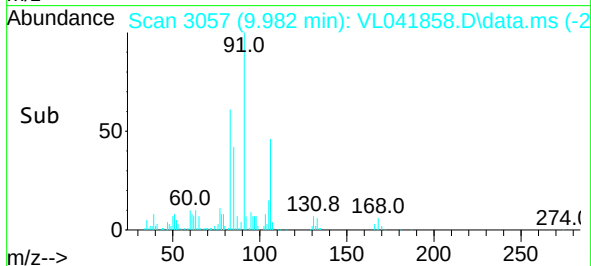
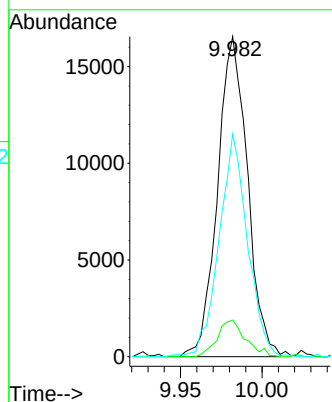
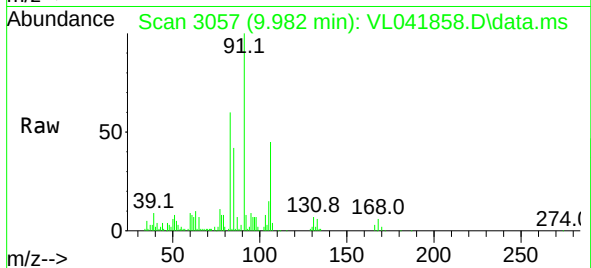
#63
1,1,2,2-Tetrachloroethane
Concen: 0.492 ppbv
RT: 9.982 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 21050
Ion Ratio Lower Upper
83 100
131 10.9 4.8 14.3
85 66.6 31.9 95.9

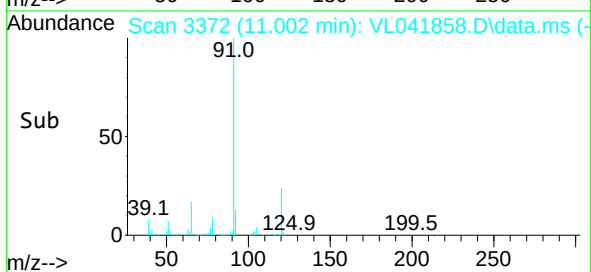
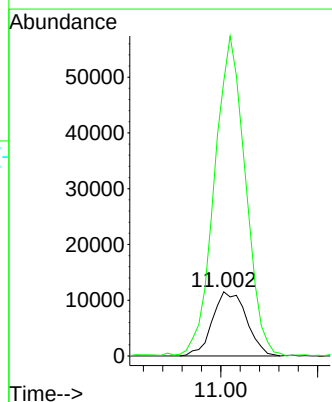
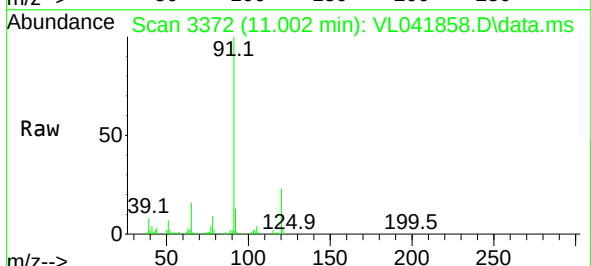
Manual Integrations
APPROVED

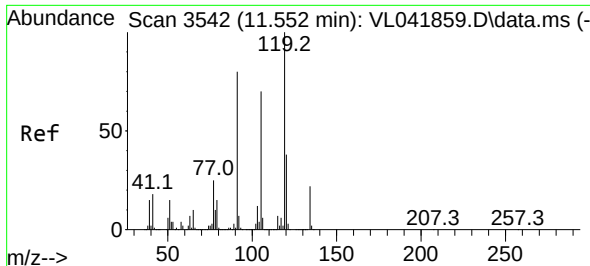
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#64
n-propylbenzene
Concen: 0.714 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

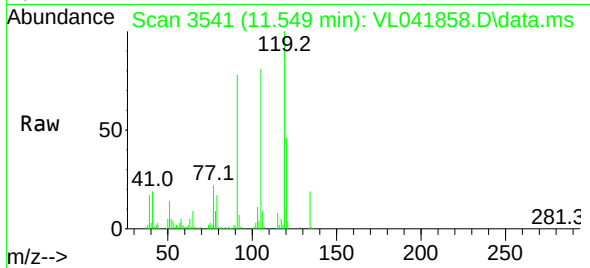
Tgt Ion:120 Resp: 14050
Ion Ratio Lower Upper
120 100
91 455.0 382.1 573.1





#65
tert-Butylbenzene
Concen: 0.719 ppbv
RT: 11.549 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

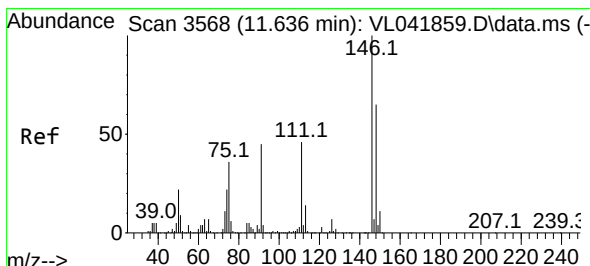
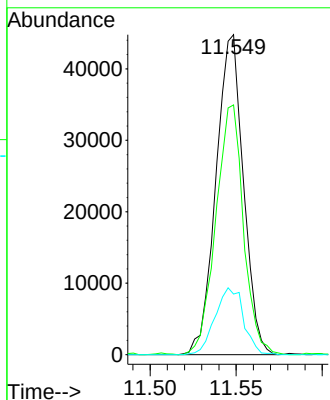
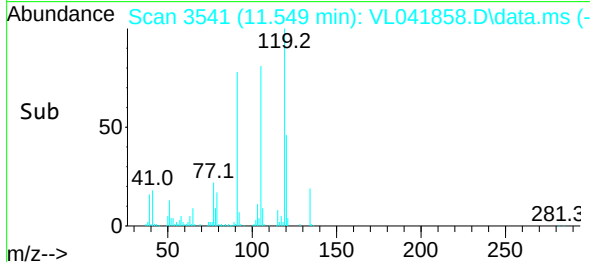
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 119 Resp: 49710
Ion Ratio Lower Upper
119 100
91 78.8 68.0 102.0
134 21.7 16.2 24.4

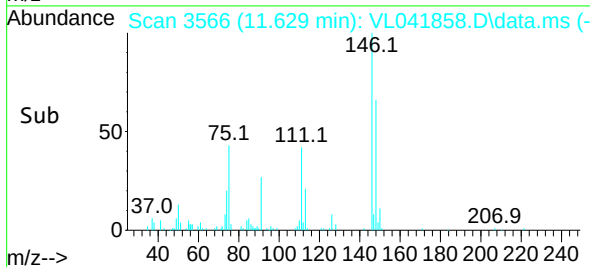
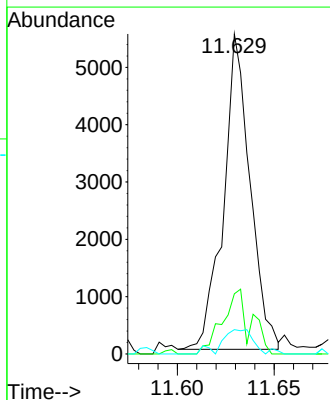
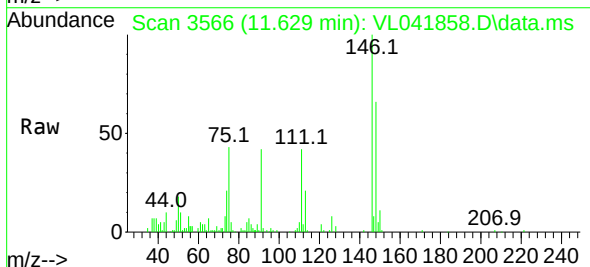
Manual Integrations
APPROVED

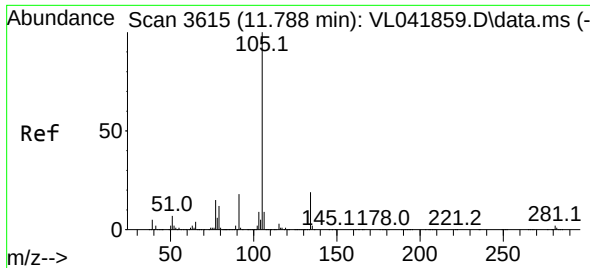
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#66
Benzyl Chloride
Concen: 0.913 ppbv
RT: 11.629 min Scan# 3566
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

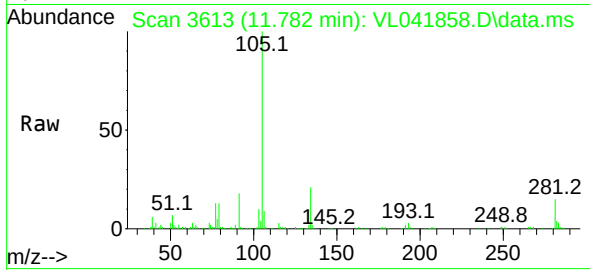
Tgt Ion: 91 Resp: 5273
Ion Ratio Lower Upper
91 100
126 21.4 12.1 18.1#
128 9.4 4.3 6.5#





#67
 sec-Butylbenzene
 Concen: 0.667 ppbv
 RT: 11.782 min Scan# 3615
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

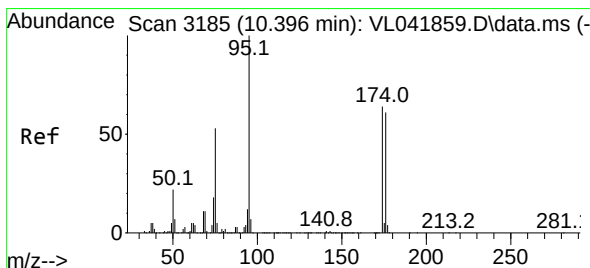
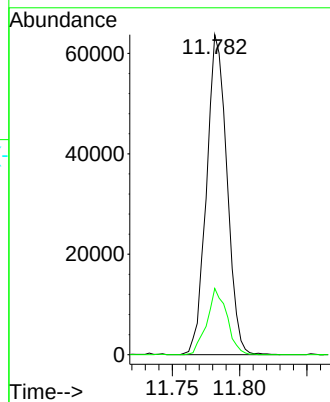
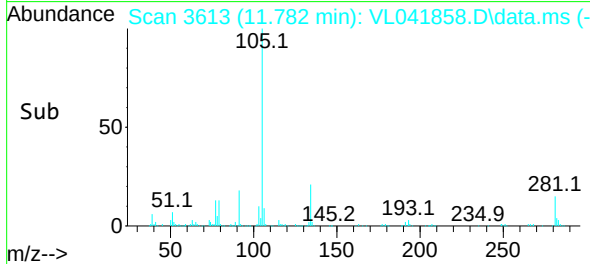
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



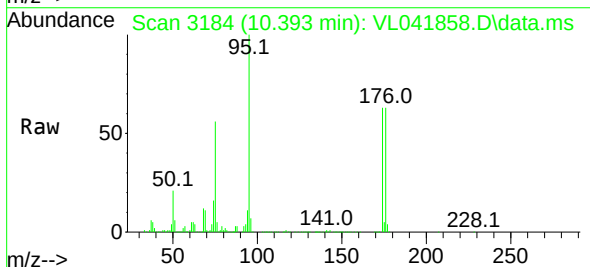
Tgt Ion: 105 Resp: 6728
 Ion Ratio Lower Upper
 105 100
 134 20.3 14.6 22.0

Manual Integrations
 APPROVED

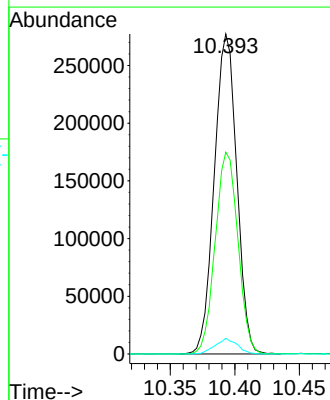
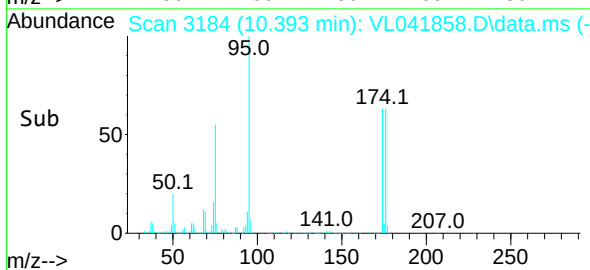
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

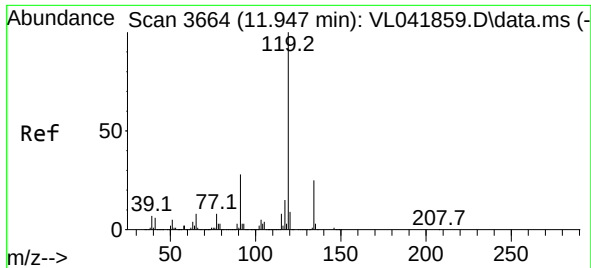


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.380 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.003 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33



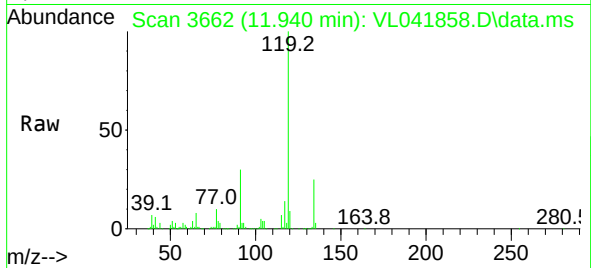
Tgt Ion: 95 Resp: 335281
 Ion Ratio Lower Upper
 95 100
 174 63.8 47.6 71.4
 175 4.8 3.8 5.6





#69
p-Isopropyltoluene
Concen: 0.726 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

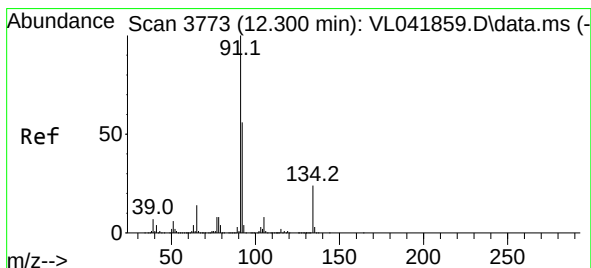
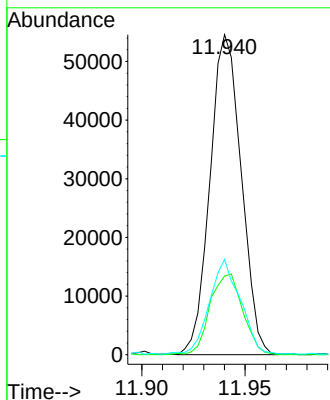
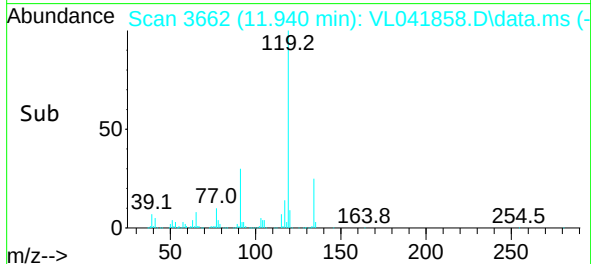
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



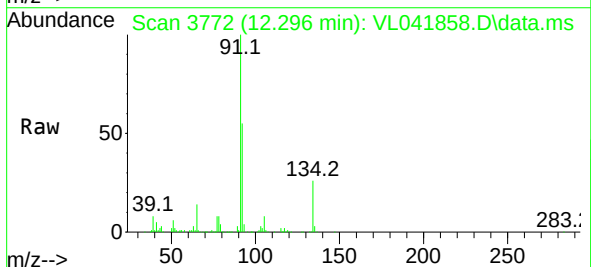
Tgt Ion: 119 Resp: 5748
Ion Ratio Lower Upper
119 100
134 26.3 19.4 29.2
91 30.0 24.0 36.0

Manual Integrations
APPROVED

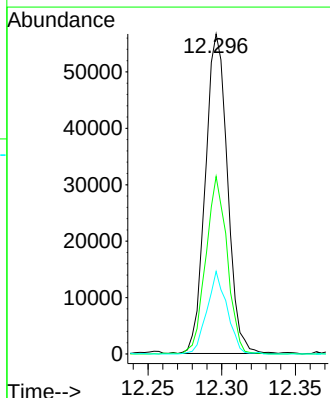
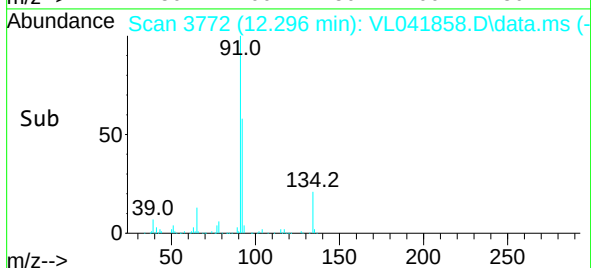
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

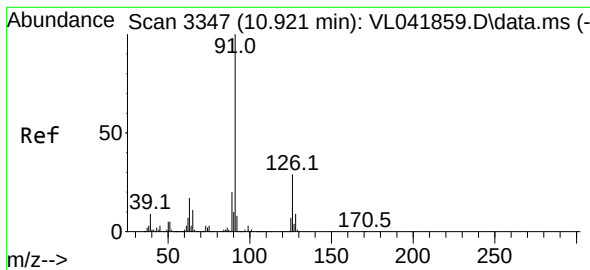


#70
n-Butylbenzene
Concen: 0.741 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



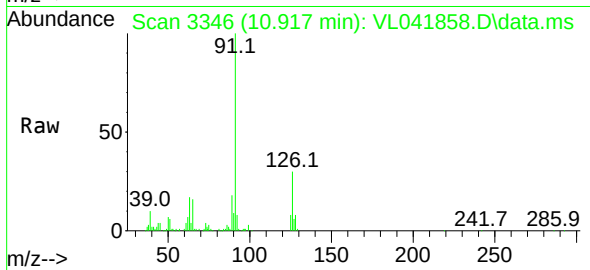
Tgt Ion: 91 Resp: 58950
Ion Ratio Lower Upper
91 100
92 53.8 42.8 64.2
134 23.6 17.8 26.6





#71
2-Chlorotoluene
Concen: 0.713 ppbv
RT: 10.917 min Scan# 3346
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

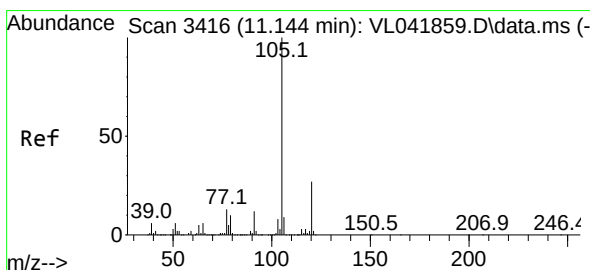
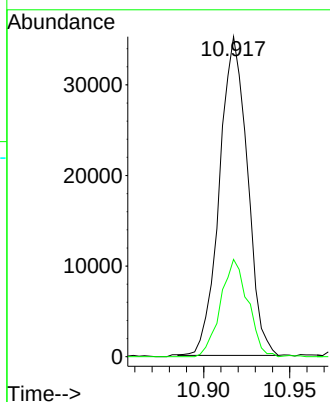
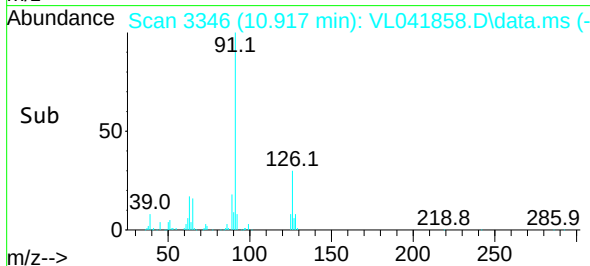
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



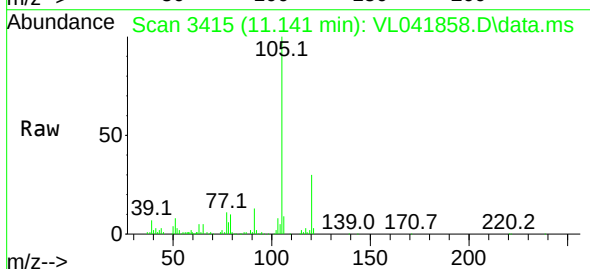
Tgt Ion: 91 Resp: 39710
Ion Ratio Lower Upper
91 100
126 30.0 11.6 46.6

Manual Integrations
APPROVED

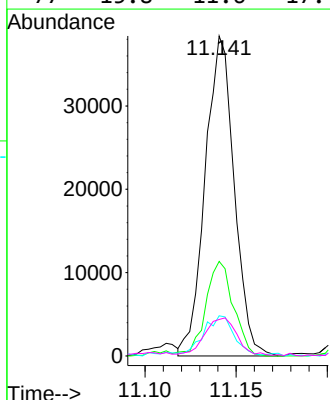
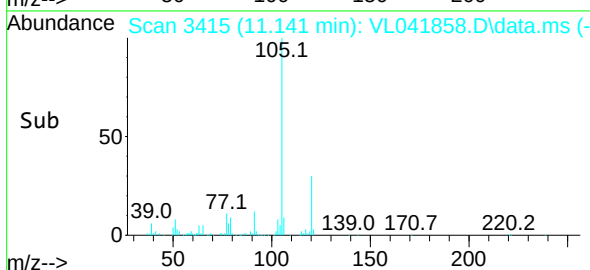
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

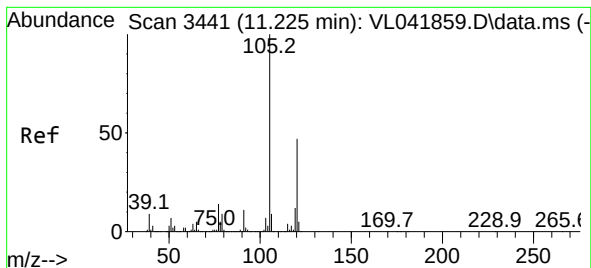


#72
4-Ethyltoluene
Concen: 0.720 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



Tgt Ion:105 Resp: 42525
Ion Ratio Lower Upper
105 100
120 29.3 23.4 35.2
91 14.6 10.8 16.2
77 15.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.704 ppbv

RT: 11.222 min Scan# 3441

Delta R.T. 0.003 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 36438

Ion Ratio Lower Upper

105 100

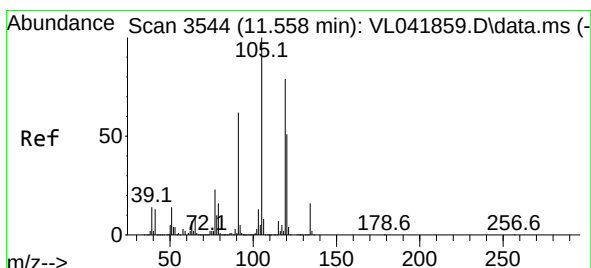
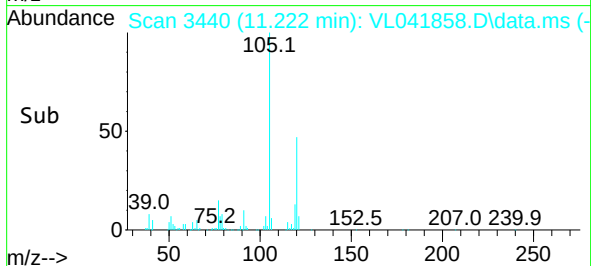
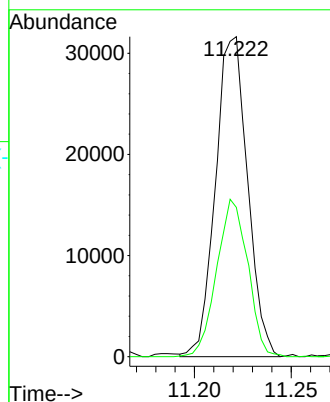
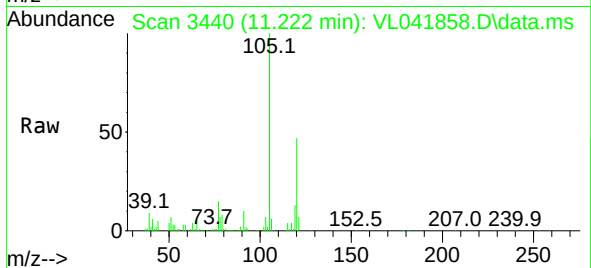
120 46.4 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.683 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Tgt Ion:105 Resp: 40919

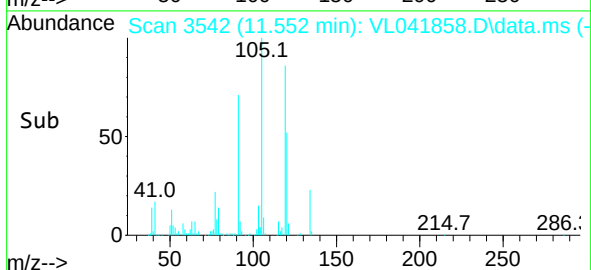
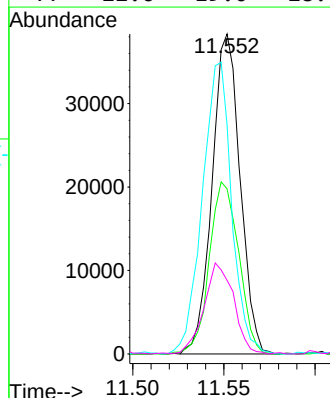
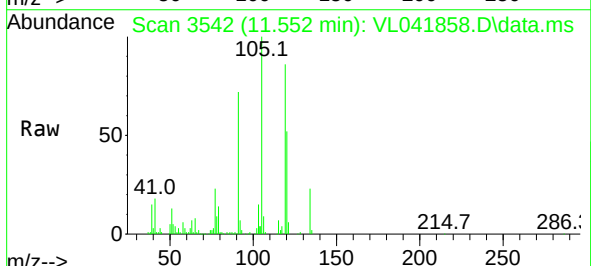
Ion Ratio Lower Upper

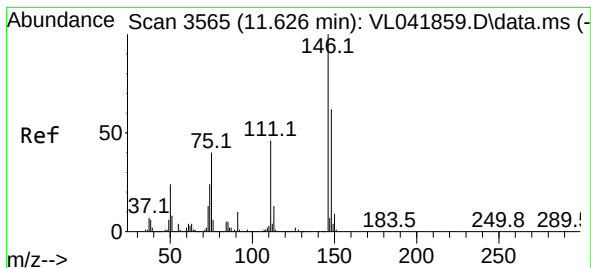
105 100

120 51.6 37.4 56.0

91 71.7 47.4 71.2#

77 22.6 19.0 28.6





#75

1,3-Dichlorobenzene

Concen: 0.602 ppbv

RT: 11.623 min Scan# 3565

Delta R.T. 0.003 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Instrument :

MSVOA_1

ClientSampleId :

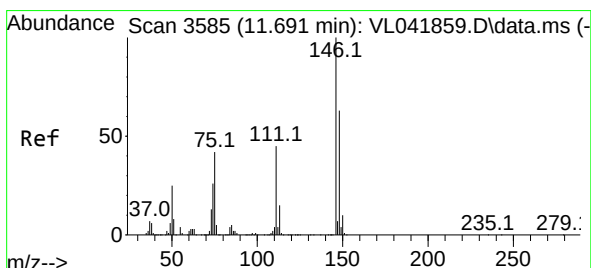
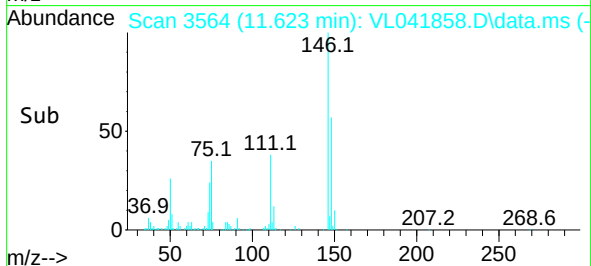
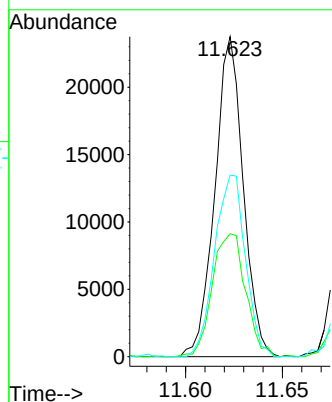
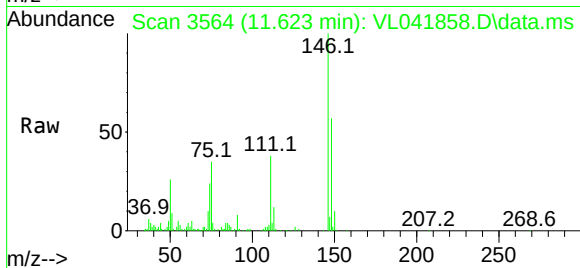
VSTDICC0.5

Tgt Ion:	146	Resp:	2415
Ion Ratio	Lower	Upper	
146	100		
111	45.2	24.1	72.2
148	62.0	32.0	96.0

Manual Integrations

APPROVED

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



#76

1,4-Dichlorobenzene

Concen: 0.594 ppbv

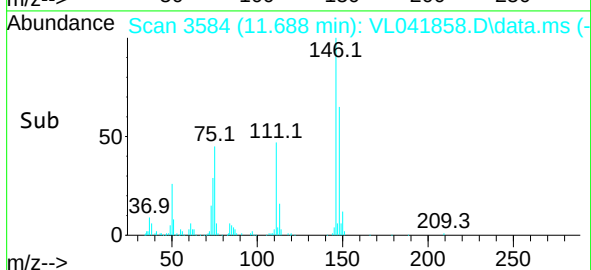
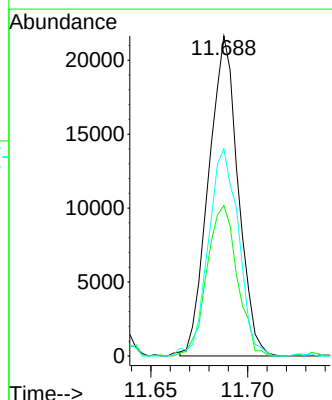
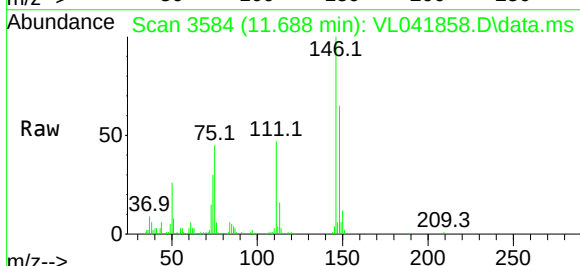
RT: 11.688 min Scan# 3584

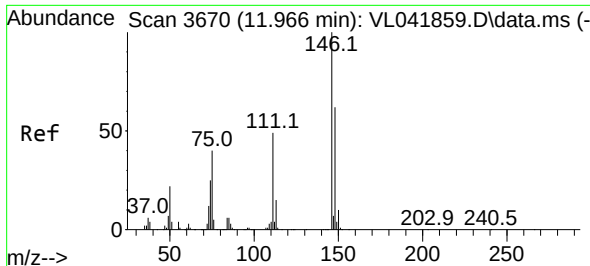
Delta R.T. 0.003 min

Lab File: VL041858.D

Acq: 09 Jan 2025 10:33

Tgt Ion:	146	Resp:	22914
Ion Ratio	Lower	Upper	
146	100		
111	47.6	23.2	69.6
148	66.0	32.1	96.3





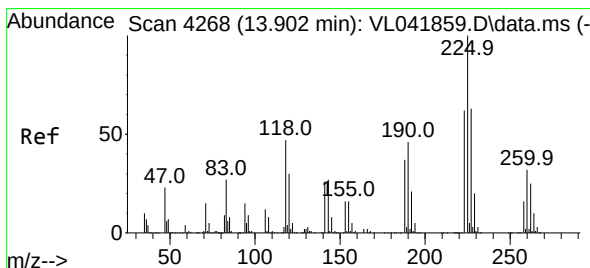
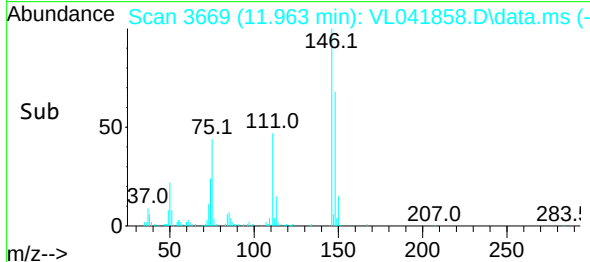
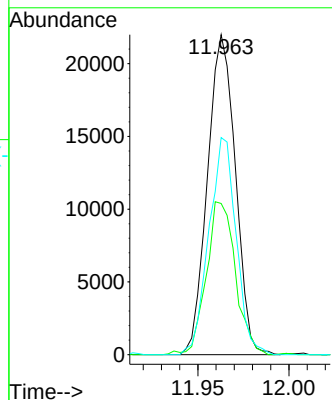
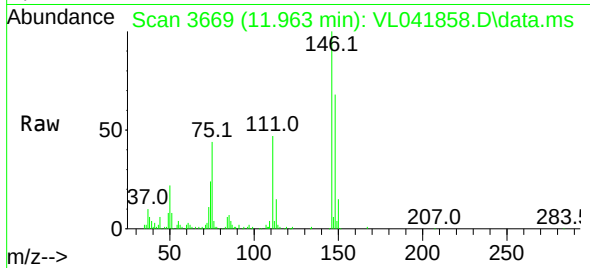
#77
1,2-Dichlorobenzene
Concen: 0.562 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 23472
Ion Ratio Lower Upper
146 100
111 50.0 24.7 74.1
148 66.3 31.5 94.5

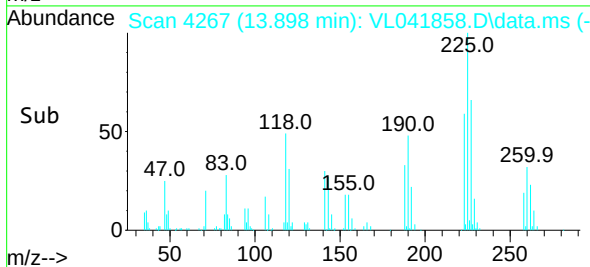
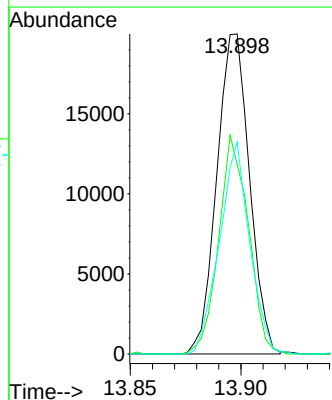
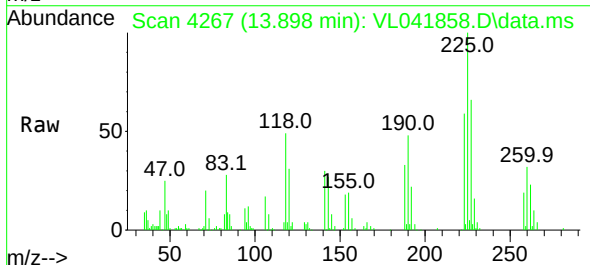
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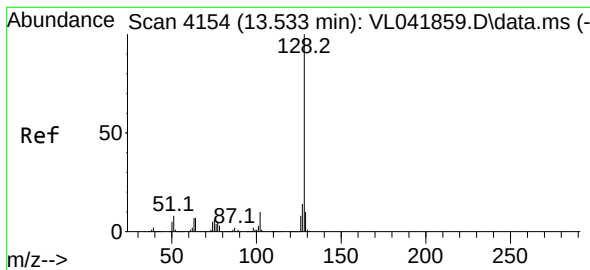
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#78
Hexachloro-1,3-Butadiene
Concen: 0.692 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

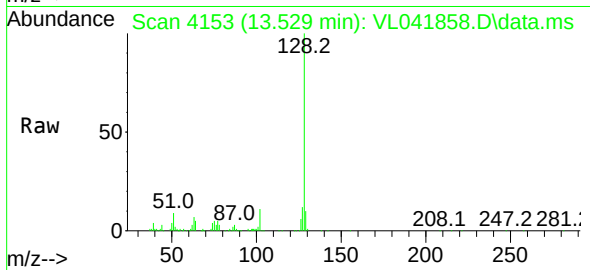
Tgt Ion:225 Resp: 20517
Ion Ratio Lower Upper
225 100
223 62.2 50.4 75.6
227 61.4 51.2 76.8





#79
Naphthalene
Concen: 0.970 ppbv
RT: 13.529 min Scan# 4154
Delta R.T. 0.003 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33

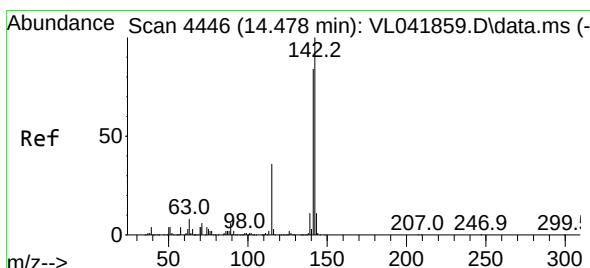
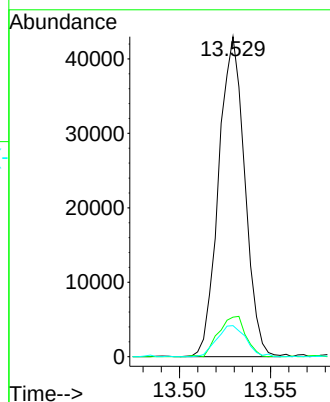
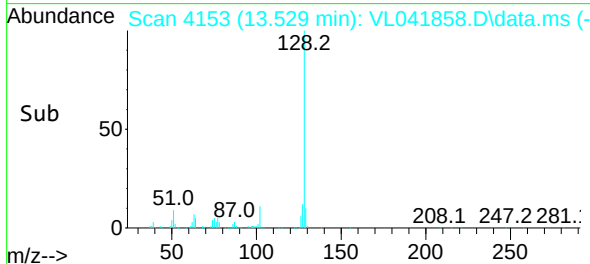
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



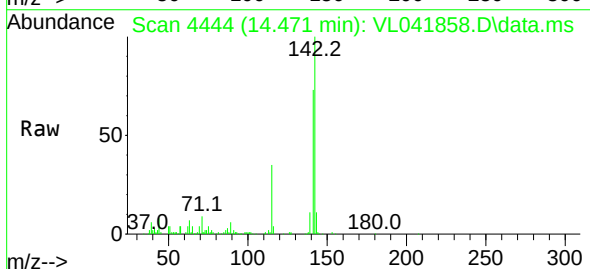
Tgt Ion:128 Resp: 42804
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 9.7 8.2 12.4

Manual Integrations
APPROVED

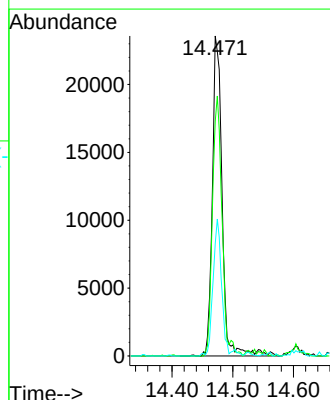
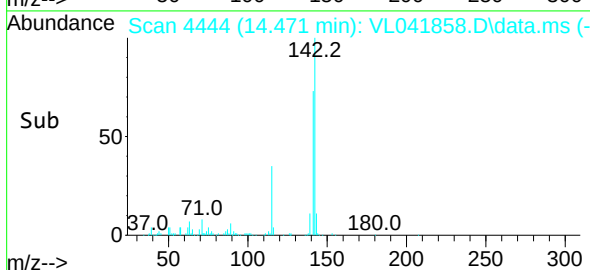
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

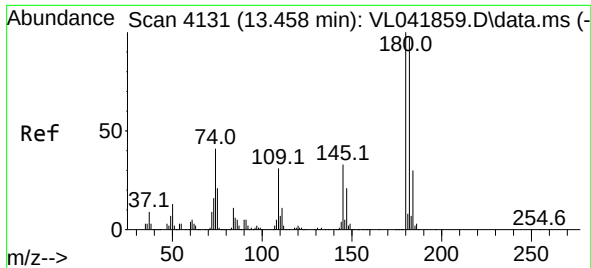


#80
Naphthalene,2-methyl-
Concen: 1.611 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.000 min
Lab File: VL041858.D
Acq: 09 Jan 2025 10:33



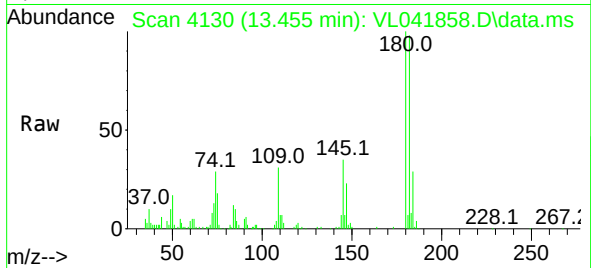
Tgt Ion:142 Resp: 26324
Ion Ratio Lower Upper
142 100
141 82.1 67.8 101.6
115 38.9 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 0.869 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041858.D
 Acq: 09 Jan 2025 10:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 21250
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.9 113.9
 184 30.8 24.8 37.2

Manual Integrations
 APPROVED

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

