

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041860.D
 Acq On : 09 Jan 2025 11:52
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 12:25:14 2025

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	145561	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	440592	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	401428	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.396	95	324737	9.445	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.505	85	47849	2.003	ppbv	98
3) Chlorodifluoromethane	1.483	51	54584	2.392	ppbv	98
4) Chloromethane	1.541	50	19879	2.024	ppbv	92
5) Vinyl Chloride	1.589	62	18283	1.846	ppbv	96
6) Bromomethane	1.677	94	9801	2.310	ppbv	94
7) Chloroethane	1.712	64	7947	2.084	ppbv	98
8) Dichlorotetrafluoroethane	1.560	85	44848	2.176	ppbv	100
9) Propene	1.489	41	24915	3.136	ppbv	100
10) Heptane	5.011	43	66122	3.369	ppbv	93
11) Trichlorofluoromethane	1.887	101	52216	2.150	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.153	101	41991	2.322	ppbv	94
13) Ethanol	1.729	45	1802m	1.994	ppbv	
14) Bromoethene	1.790	108	15205	2.568	ppbv	97
15) Acetone	1.845	43	52918	1.975	ppbv	90
16) 1,3-Butadiene	1.615	39	20658	1.966	ppbv	88
17) tert-Butyl alcohol	2.052	59	58092	2.502	ppbv #	94
18) 1,1-Dichloroethene	2.046	96	18153	2.397	ppbv	84
19) Isopropyl Alcohol	1.897	45	26028	2.069	ppbv #	96
20) Methylene Chloride	2.072	84	17135	2.237	ppbv	83
21) Allyl Chloride	2.107	41	32414	2.348	ppbv	91
22) trans-1,2-Dichloroethene	2.353	96	21862	2.583	ppbv	94
23) Vinyl Acetate	2.476	43	30926	3.598	ppbv #	95
24) 1,1-Dichloroethane	2.424	63	40950	2.211	ppbv	99
25) Ethyl Acetate	2.855	43	126167	2.807	ppbv #	96
26) Hexane	2.842	57	52287	3.352	ppbv	87
27) Carbon Disulfide	2.162	76	50347	3.401	ppbv	95
28) Methyl tert-Butyl Ether	2.457	73	43777	3.724	ppbv	99
29) Chloroform	2.865	83	74846	2.583	ppbv	97
30) Cyclohexane	3.878	84	46542	3.933	ppbv #	85
31) cis-1,2-Dichloroethene	2.738	61	50096	3.120	ppbv	98
32) 1,1,1-Trichloroethane	3.389	97	72210	2.750	ppbv	93
34) 2-Butanone	2.573	43	78681	2.267	ppbv	98
35) Carbon Tetrachloride	3.790	117	69223	2.079	ppbv	90
36) Benzene	3.680	78	106654	2.534	ppbv	96
37) 1,2-Dichloroethane	3.240	62	54776	1.980	ppbv #	95
38) Trichloroethene	4.574	130	41427	2.511	ppbv	92
39) 1,2-Dichloropropane	4.347	63	37604m	2.310	ppbv	
40) 1,4-Dioxane	4.629	88	18864	2.990	ppbv #	50
41) Tetrahydrofuran	3.078	42	44570	2.724	ppbv	90
42) Bromodichloromethane	4.515	83	75424	2.324	ppbv	99
43) Methyl Methacrylate	4.920	69	42157m	3.190	ppbv	
44) 2,2,4-Trimethylpentane	4.674	57	180117	2.597	ppbv	92
45) t-1,3-Dichloropropene	6.454	75	43372	3.361	ppbv	99

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Quant Time: Jan 09 12:25:14 2025

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

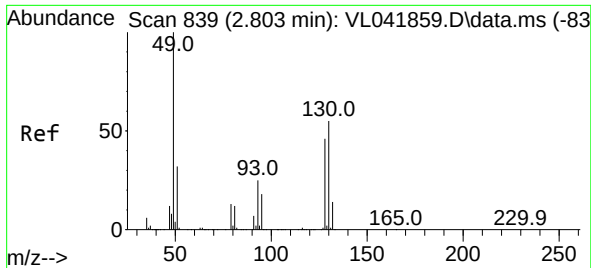
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

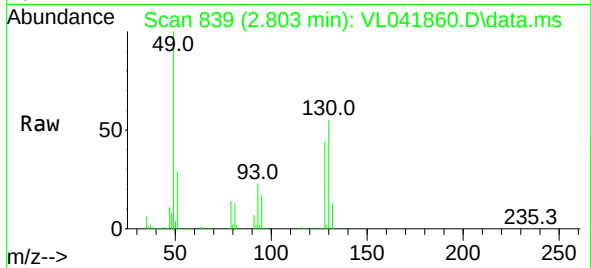
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.635	75	55051	3.243	ppbv	95
47) 1,1,2-Trichloroethane	6.622	97	39391m	2.287	ppbv	
48) Dibromochloromethane	7.419	129	61313	2.797	ppbv	100
49) Bromoform	9.506	173	53734	3.059	ppbv	99
50) 4-Methyl-2-Pentanone	5.797	43	108191	2.698	ppbv	91
51) 2-Hexanone	7.470	43	90844	2.991	ppbv #	86
52) Tetrachloroethene	8.250	164	37701	3.020	ppbv	92
53) Toluene	6.969	91	125295	3.341	ppbv	98
54) 1,2-Dibromoethane	7.681	107	54562	2.587	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.946	131	51252	2.240	ppbv	98
57) Chlorobenzene	8.946	112	94006	2.242	ppbv	97
58) Ethyl Benzene	9.377	91	177814	3.250	ppbv	99
59) m/p-Xylene	9.571	91	278550m	5.768	ppbv	
60) o-Xylene	9.985	91	138722	2.953	ppbv	99
61) Styrene	9.891	104	68864	3.779	ppbv	97
62) Isopropylbenzene	10.558	105	212705	2.882	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.985	83	82870	2.012	ppbv	99
64) n-propylbenzene	11.008	120	54888	2.899	ppbv	100
65) tert-Butylbenzene	11.549	119	196649	2.957	ppbv	95
66) Benzyl Chloride	11.636	91	20300	3.652	ppbv	95
67) sec-Butylbenzene	11.785	105	270495	2.787	ppbv	100
69) p-Isopropyltoluene	11.943	119	229731	3.015	ppbv	97
70) n-Butylbenzene	12.299	91	230497	3.011	ppbv	98
71) 2-Chlorotoluene	10.921	91	161864	3.021	ppbv	99
72) 4-Ethyltoluene	11.144	105	175142	3.083	ppbv	98
73) 1,3,5-Trimethylbenzene	11.222	105	146927	2.953	ppbv	99
74) 1,2,4-Trimethylbenzene	11.555	105	163980	2.845	ppbv	98
75) 1,3-Dichlorobenzene	11.626	146	95654	2.480	ppbv	98
76) 1,4-Dichlorobenzene	11.691	146	95164	2.564	ppbv	97
77) 1,2-Dichlorobenzene	11.966	146	90047	2.240	ppbv	98
78) Hexachloro-1,3-Butadiene	13.898	225	81017	2.839	ppbv	98
79) Naphthalene	13.529	128	181703	4.280	ppbv	99
80) Naphthalene,2-methyl-	14.474	142	107237	6.825	ppbv	98
81) 1,2,4-Trichlorobenzene	13.458	180	86805	3.689	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 839
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

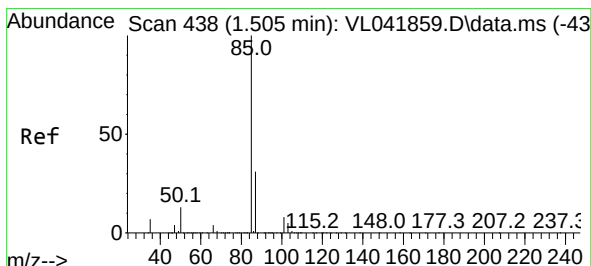
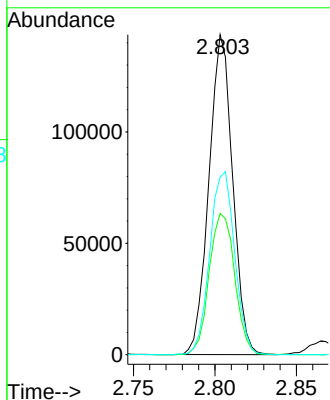
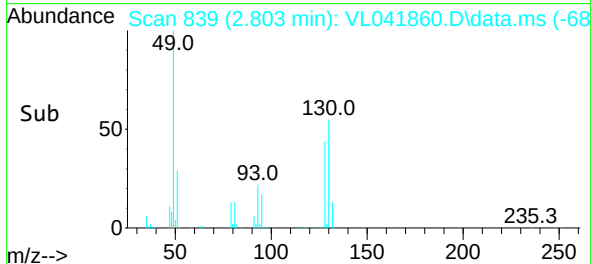
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



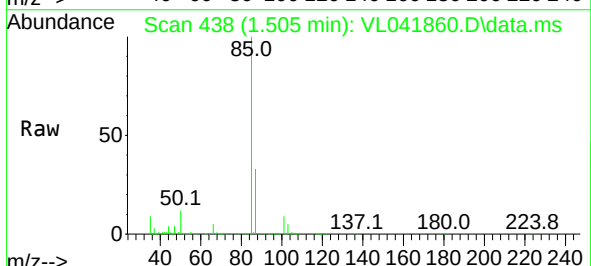
Tgt Ion: 49 Resp: 14556
Ion Ratio Lower Upper
49 100
128 47.5 19.7 59.1
130 60.1 26.4 79.2

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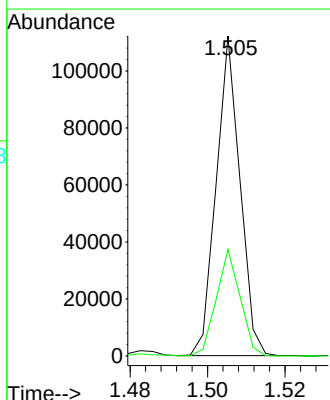
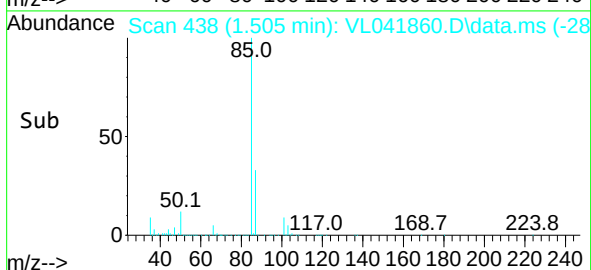
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

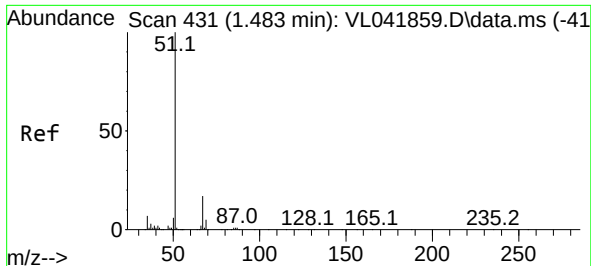


#2
Dichlorodifluoromethane
Concen: 2.003 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



Tgt Ion: 85 Resp: 47849
Ion Ratio Lower Upper
85 100
87 33.4 25.6 38.4





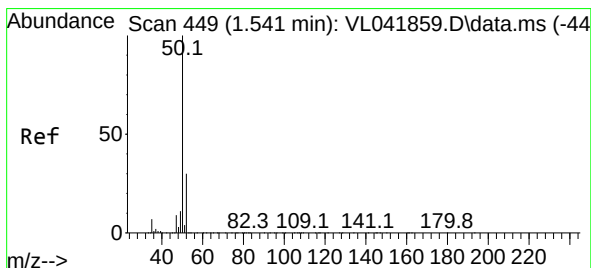
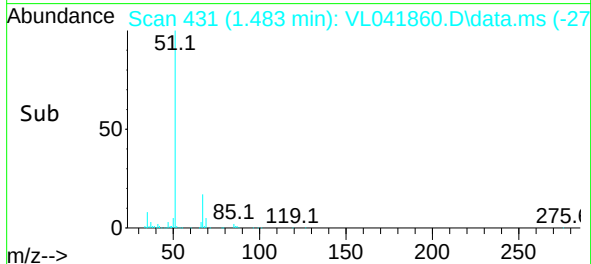
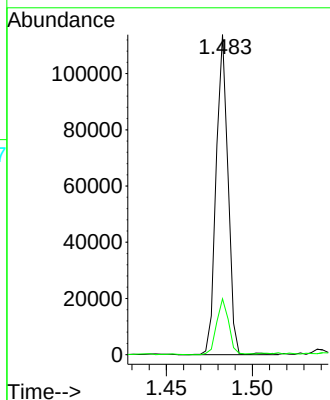
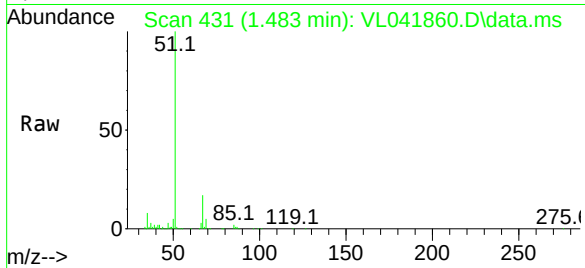
#3
Chlorodifluoromethane
Concen: 2.392 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 51 Resp: 54584
Ion Ratio Lower Upper
51 100
67 17.6 14.6 22.0

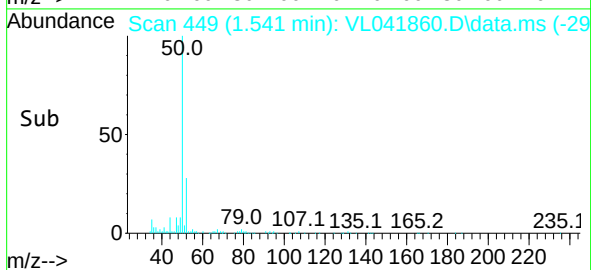
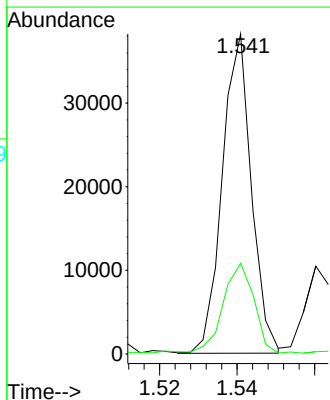
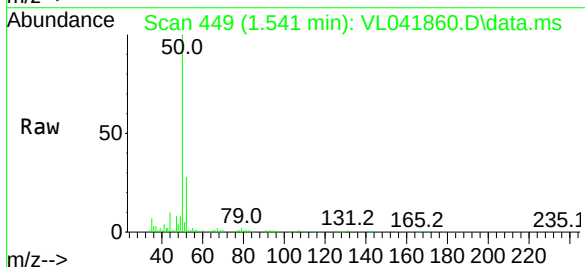
Manual Integrations
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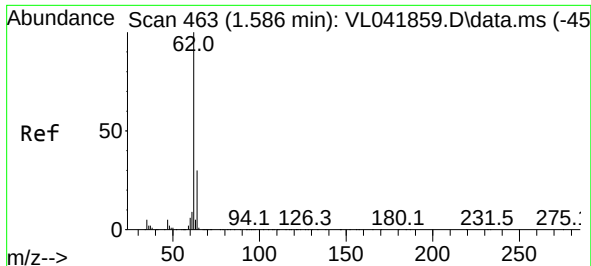
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#4
Chloromethane
Concen: 2.024 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Tgt Ion: 50 Resp: 19879
Ion Ratio Lower Upper
50 100
52 28.1 26.1 39.1





#5
 Vinyl Chloride
 Concen: 1.846 ppbv
 RT: 1.589 min Scan# 464
 Delta R.T. 0.003 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

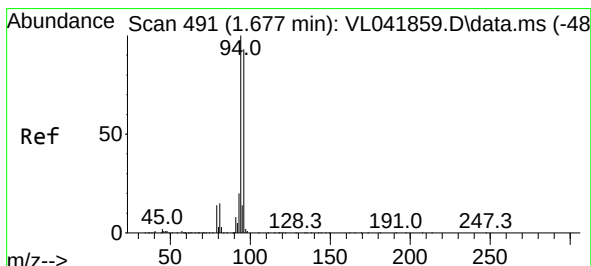
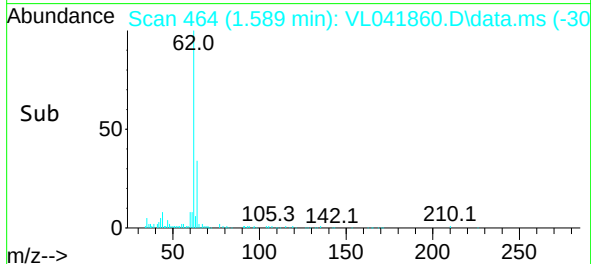
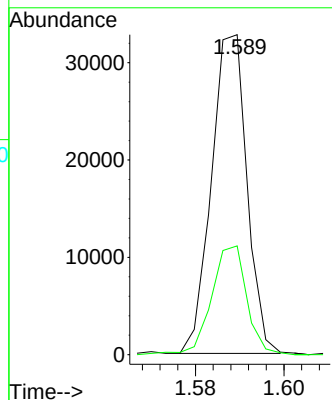
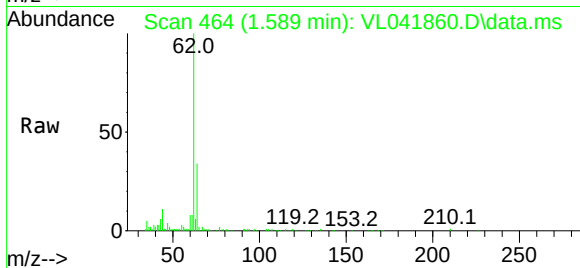
VSTDICC002

Tgt Ion: 62 Resp: 1828
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.9 37.3

Manual Integrations

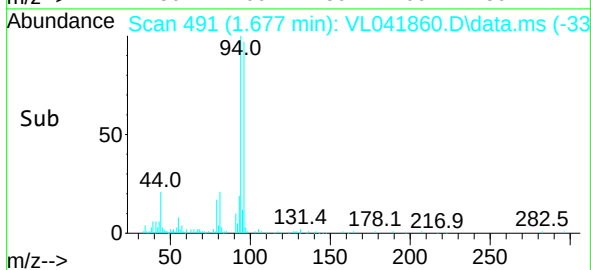
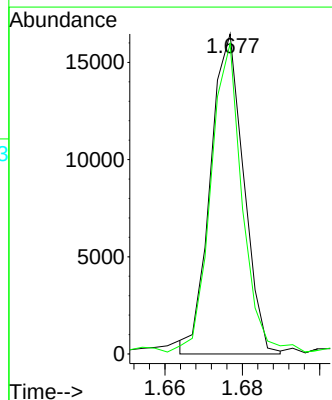
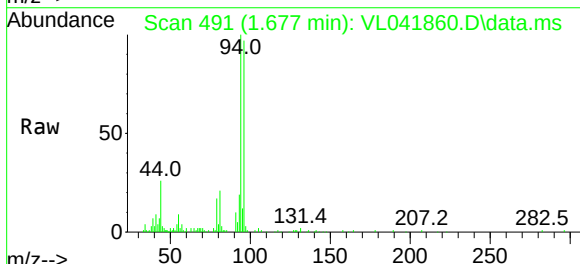
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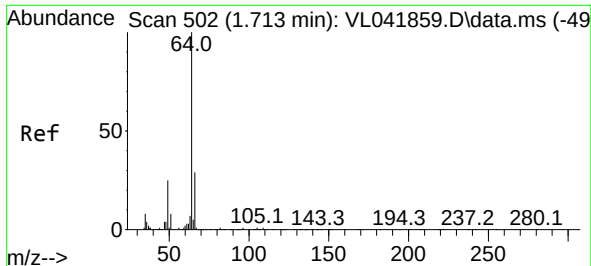
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025



#6
 Bromomethane
 Concen: 2.310 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. 0.003 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52

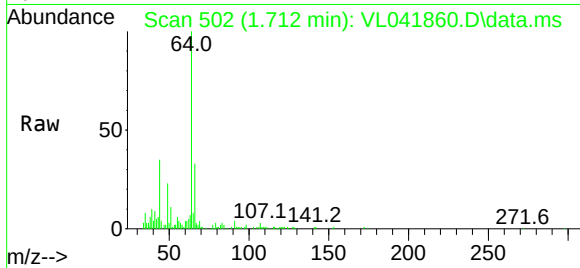
Tgt Ion: 94 Resp: 9801
 Ion Ratio Lower Upper
 94 100
 96 95.3 72.0 108.0





#7
Chloroethane
Concen: 2.084 ppbv
RT: 1.712 min Scan# 502
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

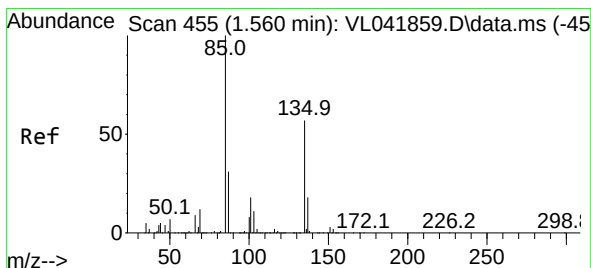
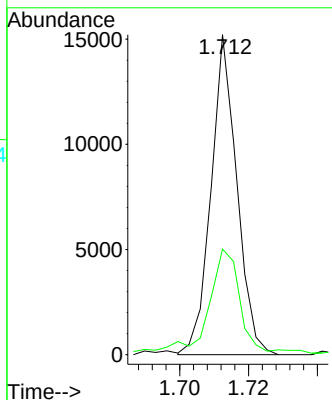
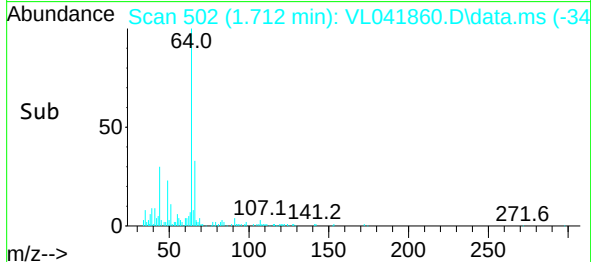
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



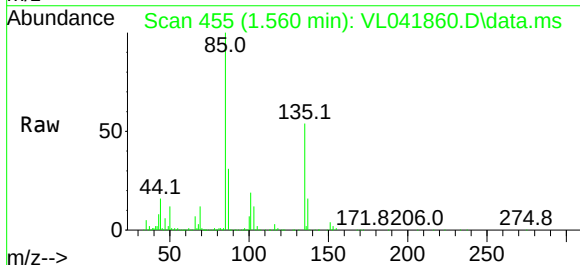
Tgt Ion: 64 Resp: 794
Ion Ratio Lower Upper
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66 33.0 25.6 38.4

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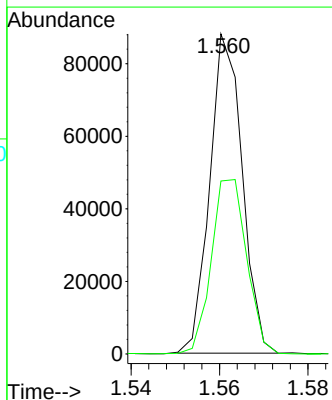
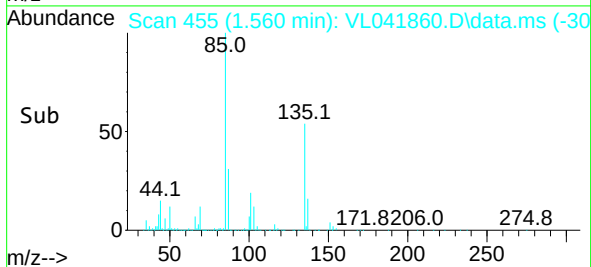
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

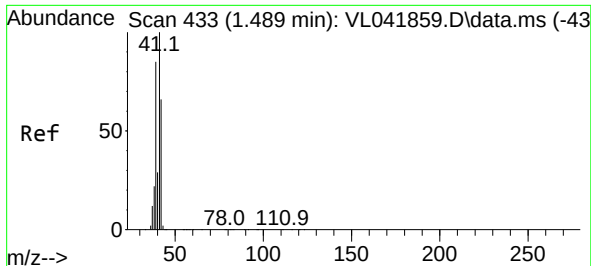


#8
Dichlorotetrafluoroethane
Concen: 2.176 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



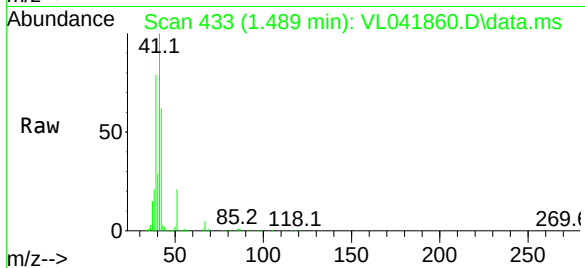
Tgt Ion: 85 Resp: 44848
Ion Ratio Lower Upper
85 100
135 60.1 47.9 71.9





#9
Propene
Concen: 3.136 ppbv
RT: 1.489 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

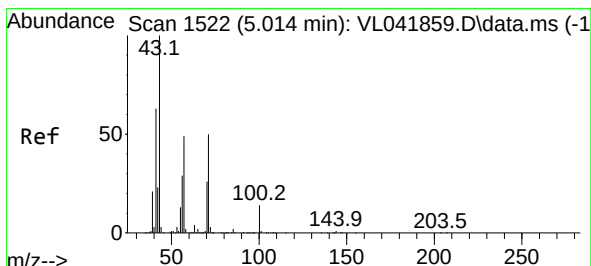
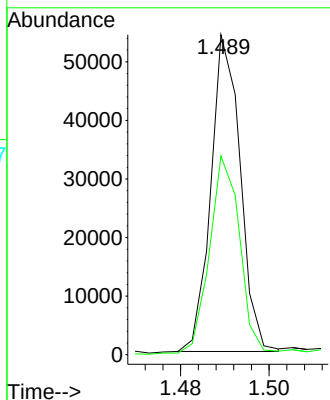
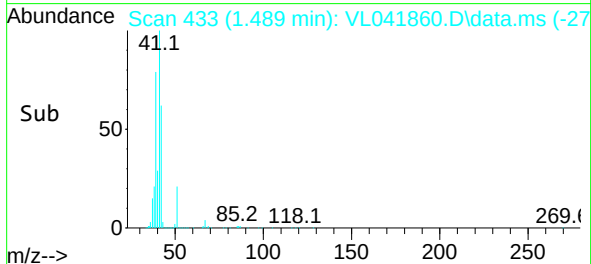
Instrument :
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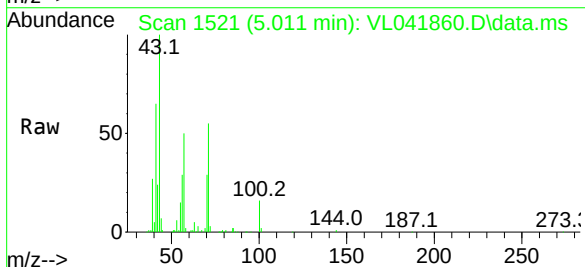
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Ion Ratio Lower Upper
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Manual Integrations
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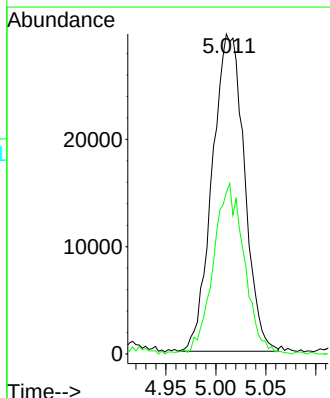
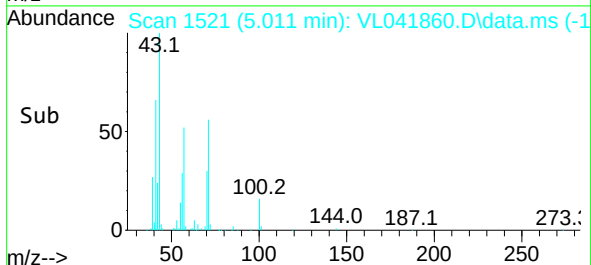
Reviewed By :Mahesh Dadoda 01/10/2025
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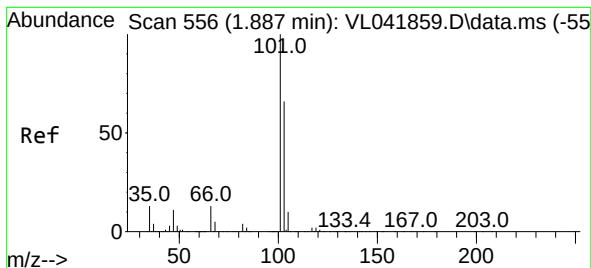


#10
Heptane
Concen: 3.369 ppbv
RT: 5.011 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



Tgt Ion: 43 Resp: 66122
Ion Ratio Lower Upper
43 100
57 52.0 37.8 56.6





#11

Trichlorofluoromethane

Concen: 2.150 ppbv

RT: 1.887 min Scan# 556

Delta R.T. 0.003 min

Lab File: VL041860.D

Acq: 09 Jan 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:101 Resp: 52210

Ion Ratio Lower Upper

101 100

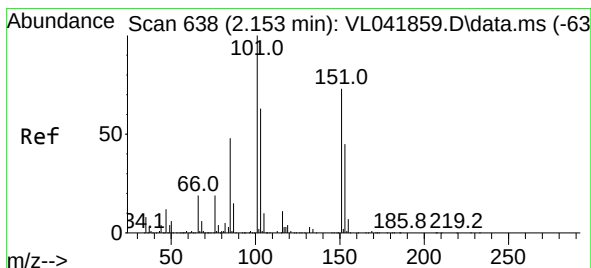
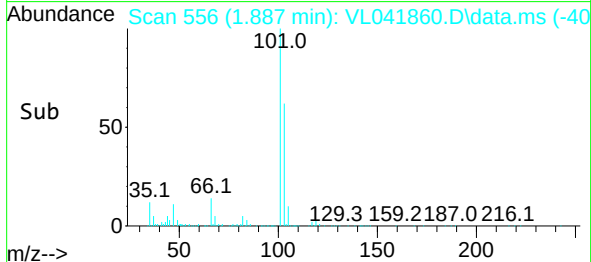
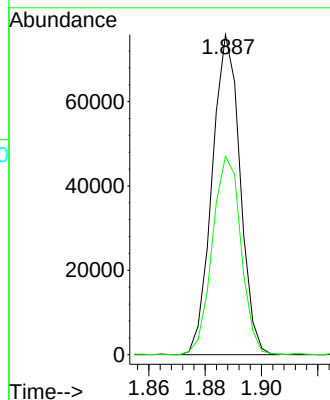
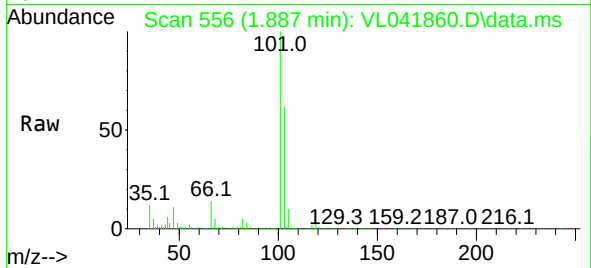
103 62.1 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 2.322 ppbv

RT: 2.153 min Scan# 638

Delta R.T. 0.003 min

Lab File: VL041860.D

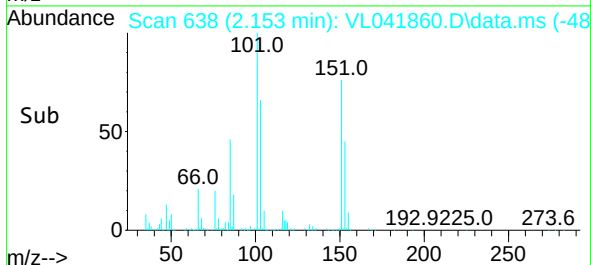
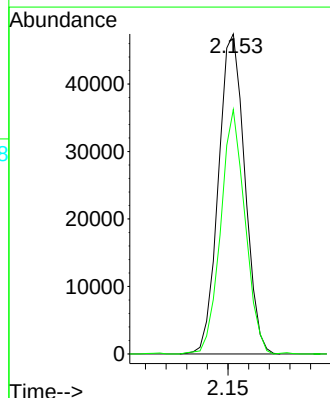
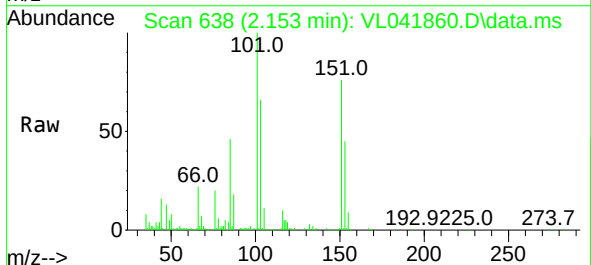
Acq: 09 Jan 2025 11:52

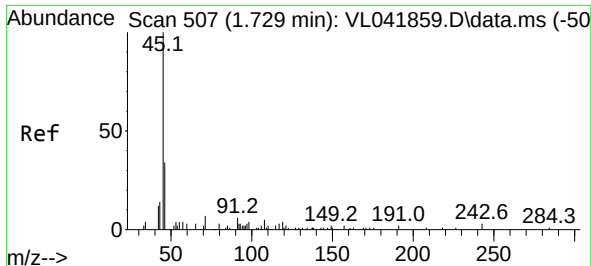
Tgt Ion:101 Resp: 41991

Ion Ratio Lower Upper

101 100

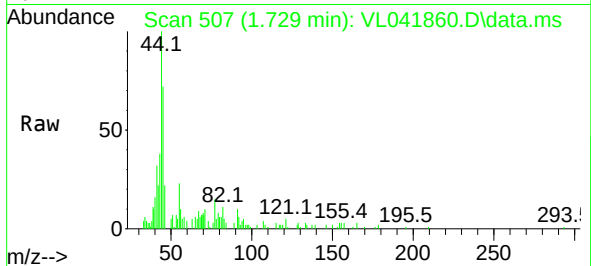
151 70.9 53.2 79.8





#13
Ethanol
Concen: 1.994 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

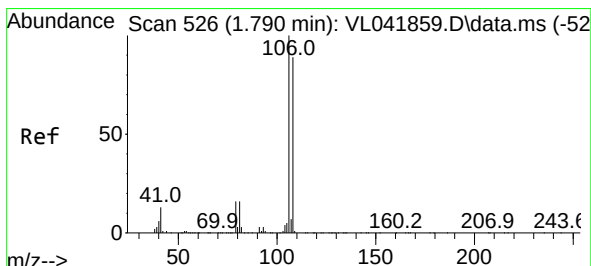
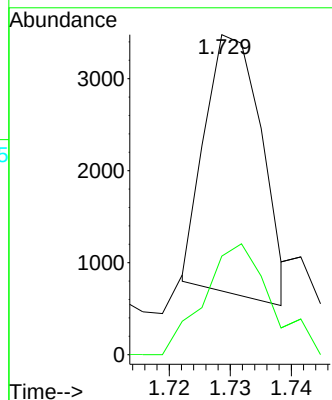
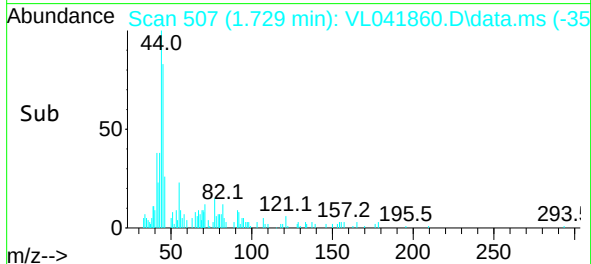
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



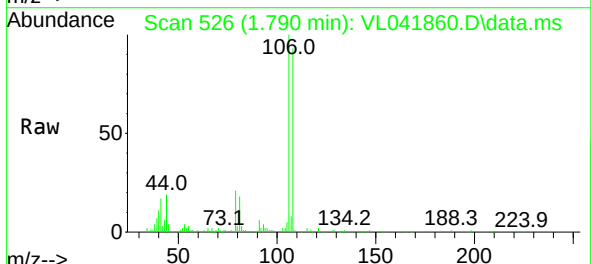
Tgt Ion: 45 Resp: 180
Ion Ratio Lower Upper
45 100
46 70.9 16.1 64.5

Manual Integrations
APPROVED

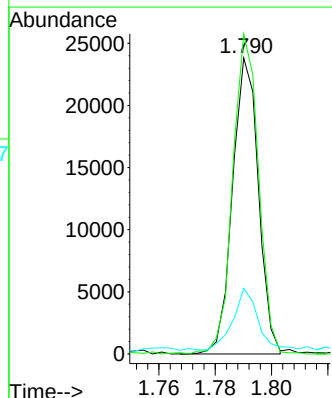
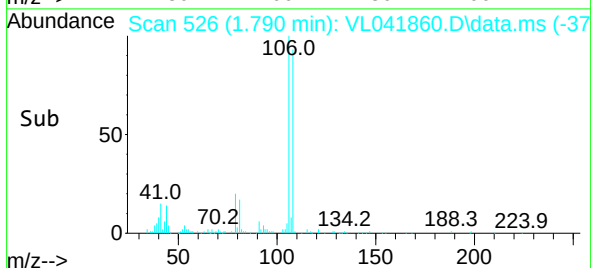
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

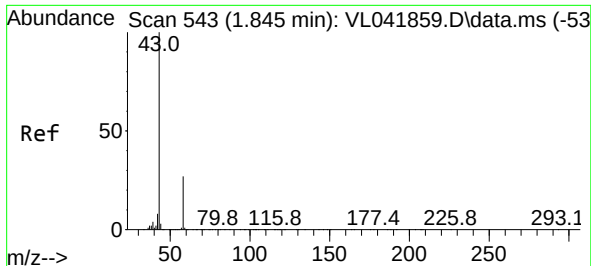


#14
Bromoethene
Concen: 2.568 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



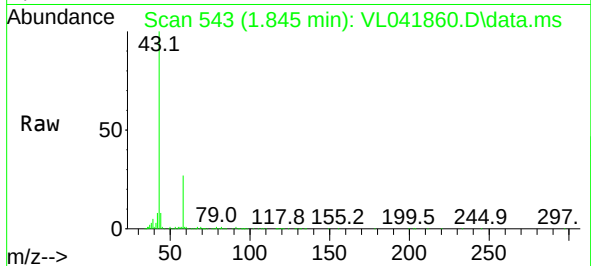
Tgt Ion:108 Resp: 15205
Ion Ratio Lower Upper
108 100
106 108.4 84.6 126.8
79 24.4 18.3 27.5





#15
Acetone
Concen: 1.975 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

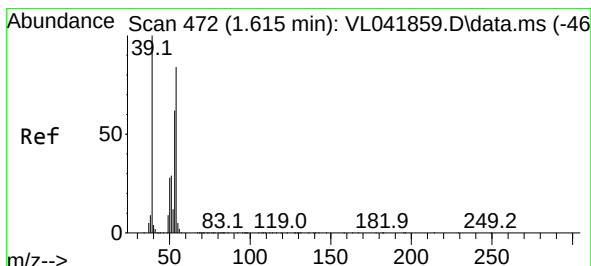
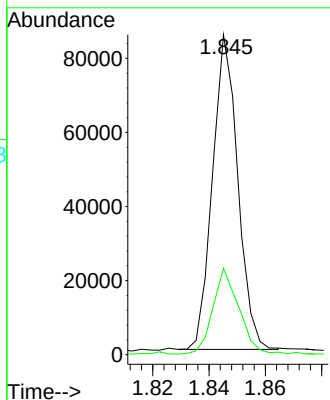
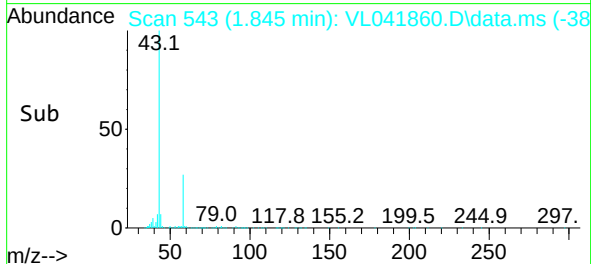
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



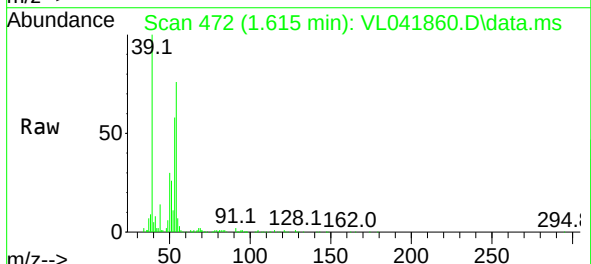
Tgt Ion: 43 Resp: 52918
Ion Ratio Lower Upper
43 100
58 30.0 20.2 30.2

Manual Integrations
APPROVED

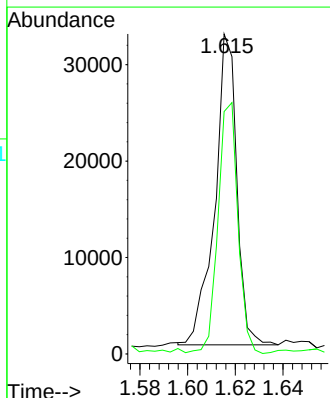
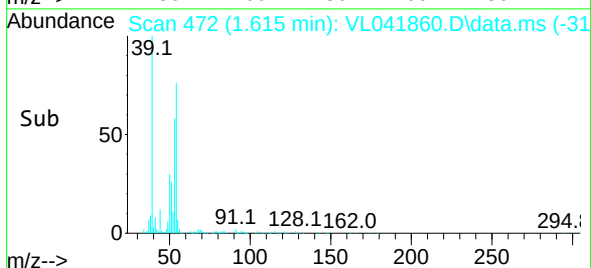
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

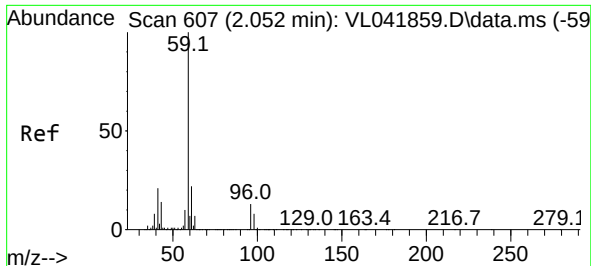


#16
1,3-Butadiene
Concen: 1.966 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



Tgt Ion: 39 Resp: 20658
Ion Ratio Lower Upper
39 100
54 80.5 56.2 84.4





#17

tert-Butyl alcohol

Concen: 2.502 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.003 min

Lab File: VL041860.D

Acq: 09 Jan 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 58092

Ion Ratio Lower Upper

59 100

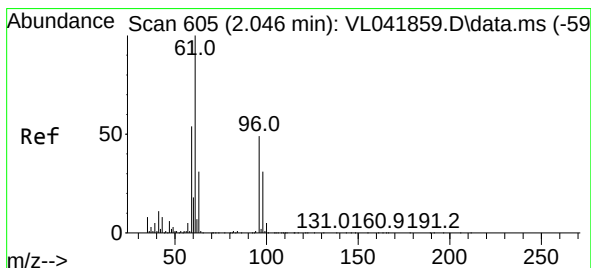
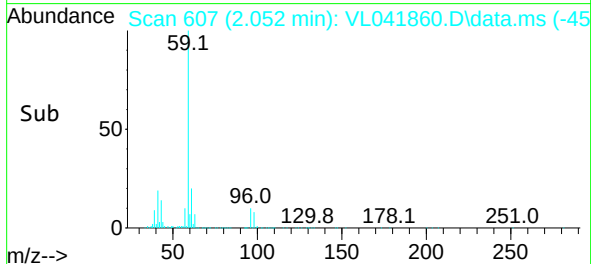
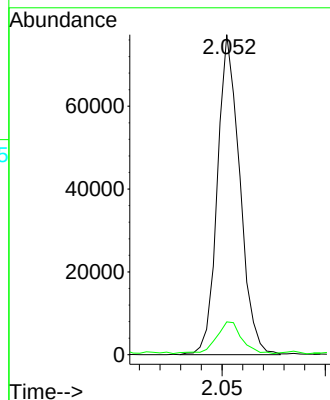
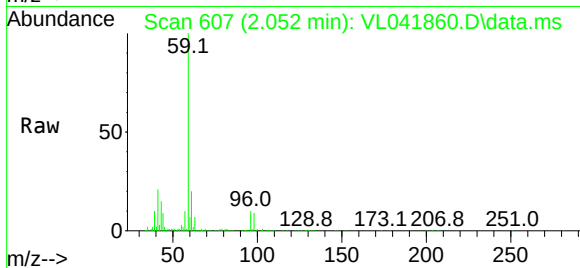
57 13.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#18

1,1-Dichloroethene

Concen: 2.397 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL041860.D

Acq: 09 Jan 2025 11:52

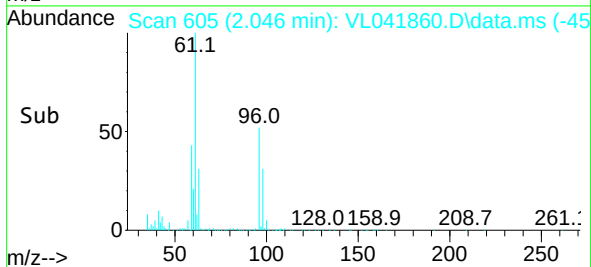
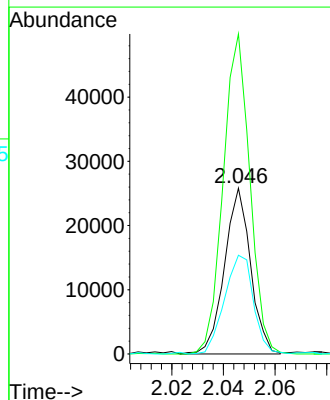
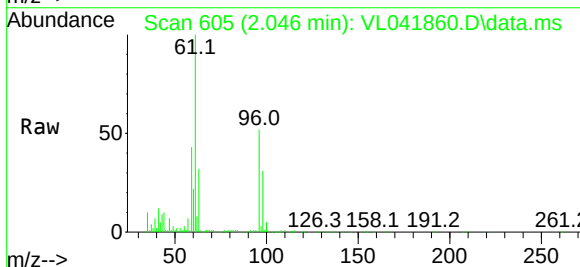
Tgt Ion: 96 Resp: 18153

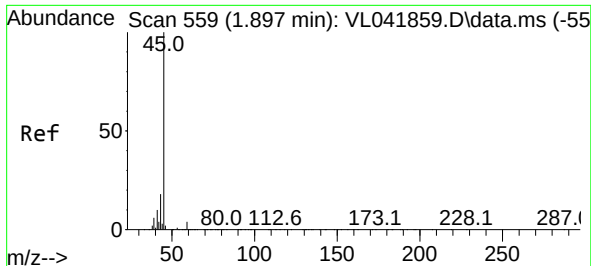
Ion Ratio Lower Upper

96 100

61 193.0 179.2 268.8

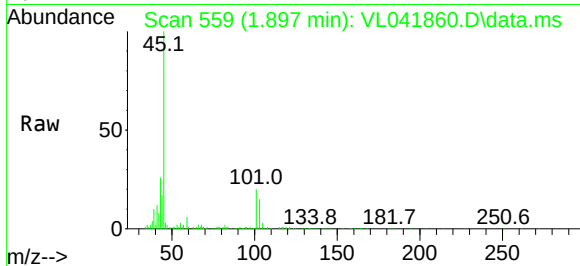
98 58.6 51.6 77.4





#19
Isopropyl Alcohol
Concen: 2.069 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

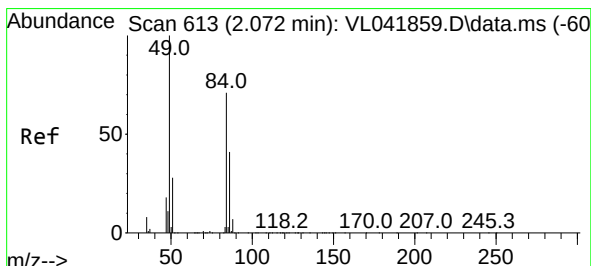
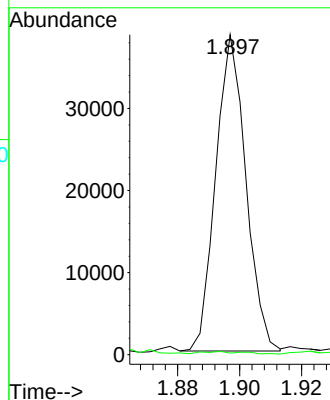
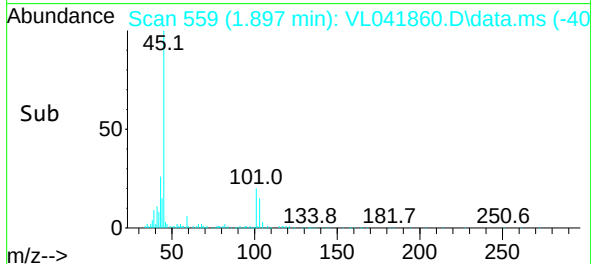
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



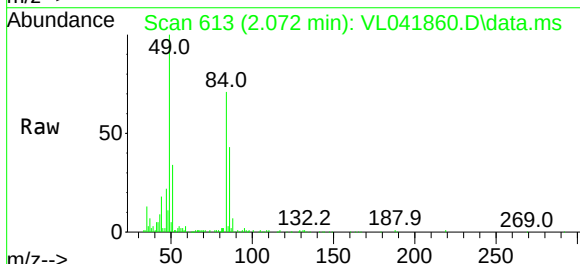
Tgt Ion: 45 Resp: 26028
Ion Ratio Lower Upper
45 100
58 3.9 2.0 3.0

Manual Integrations
APPROVED

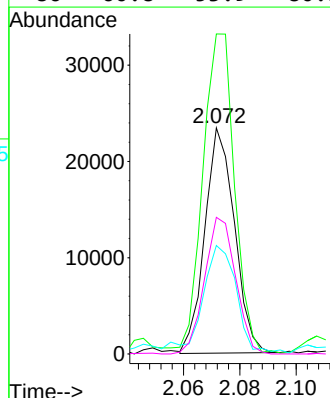
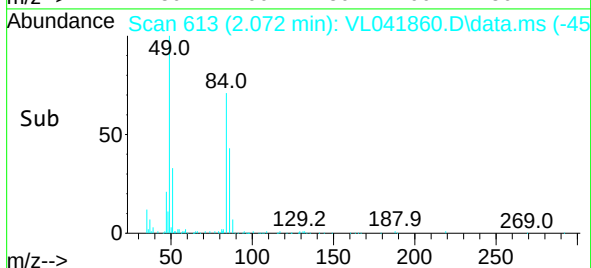
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

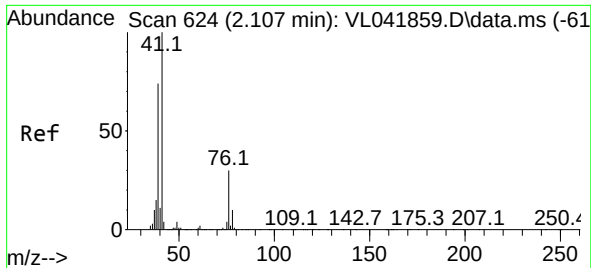


#20
Methylene Chloride
Concen: 2.237 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



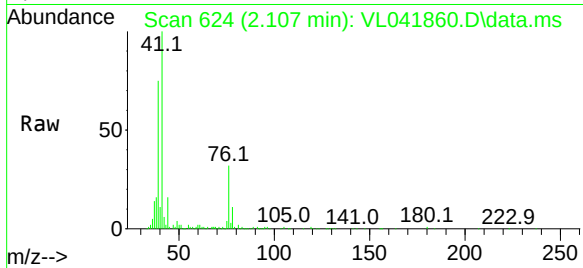
Tgt Ion: 84 Resp: 17135
Ion Ratio Lower Upper
84 100
49 142.1 137.8 206.8
51 46.5 43.9 65.9
86 60.8 53.9 80.9





#21
 Allyl Chloride
 Concen: 2.348 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52

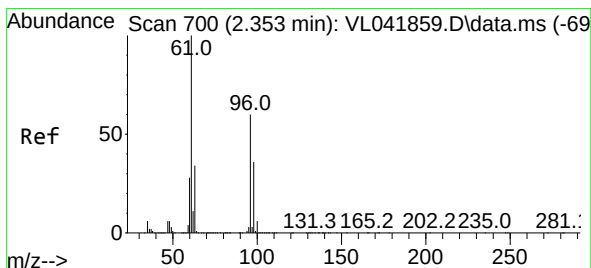
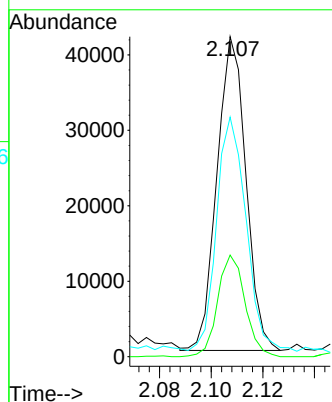
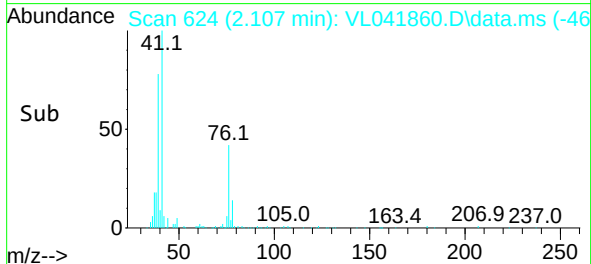
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



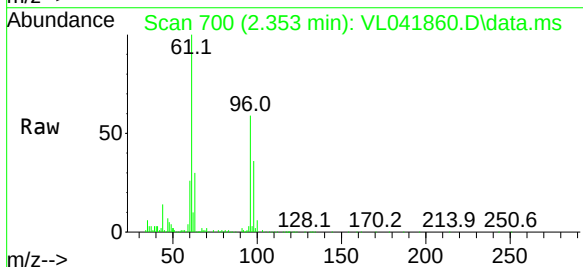
Tgt Ion: 41 Resp: 32414
 Ion Ratio Lower Upper
 41 100
 76 30.7 20.6 31.0
 39 76.3 67.4 101.2

Manual Integrations
 APPROVED

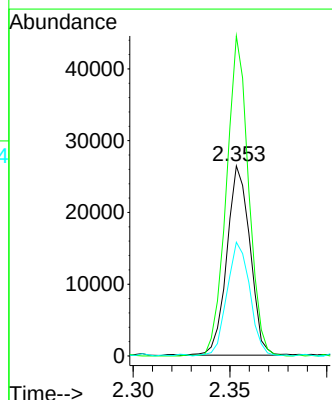
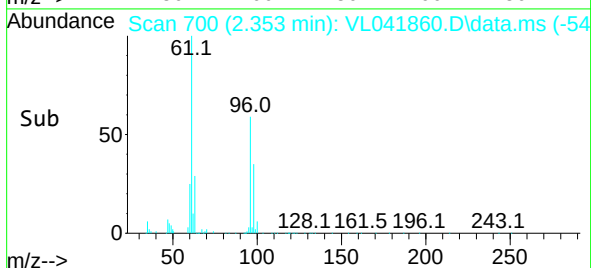
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

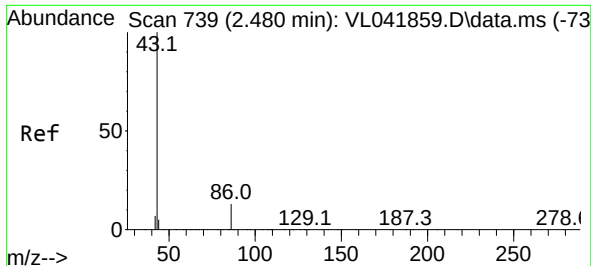


#22
 trans-1,2-Dichloroethene
 Concen: 2.583 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.003 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52



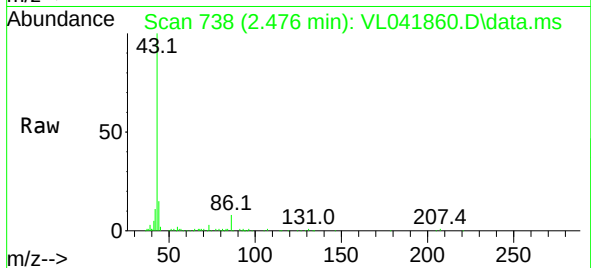
Tgt Ion: 96 Resp: 21862
 Ion Ratio Lower Upper
 96 100
 61 169.1 144.0 216.0
 98 59.8 46.9 70.3





#23
 Vinyl Acetate
 Concen: 3.598 ppbv
 RT: 2.476 min Scan# 739
 Delta R.T. 0.003 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52

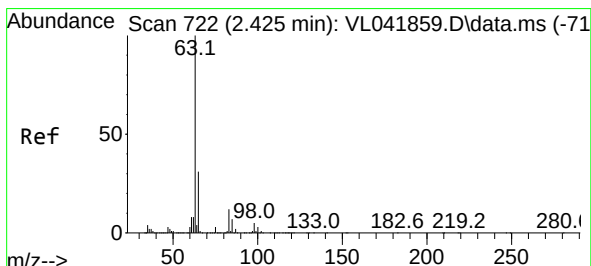
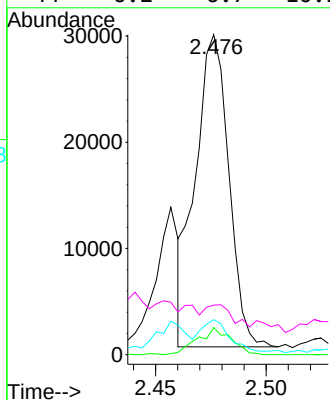
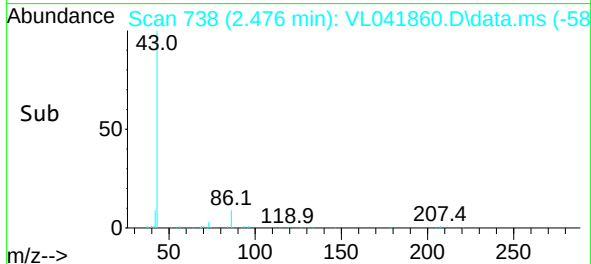
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



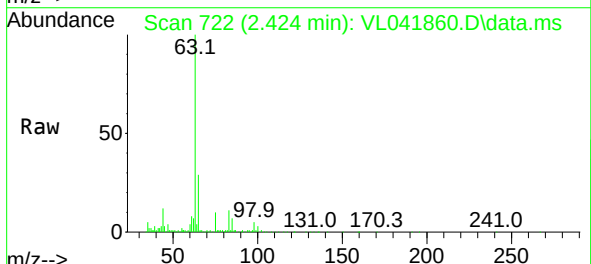
Tgt Ion: 43 Resp: 30920
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.4 9.6
 42 9.9 9.5 14.3
 44 6.2 6.7 10.1#

Manual Integrations
 APPROVED

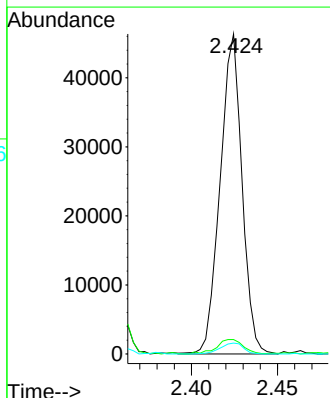
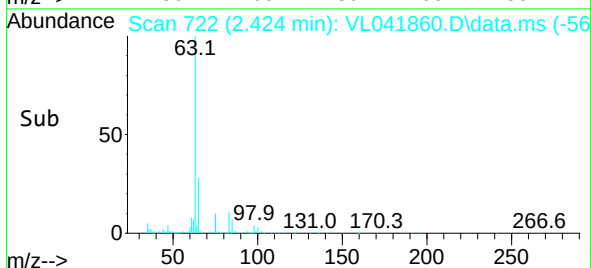
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

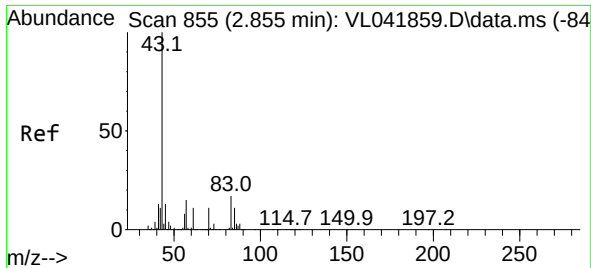


#24
 1,1-Dichloroethane
 Concen: 2.211 ppbv
 RT: 2.424 min Scan# 722
 Delta R.T. 0.006 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52



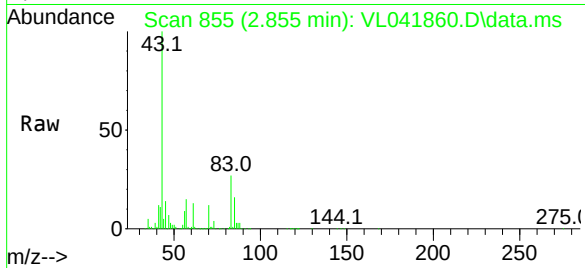
Tgt Ion: 63 Resp: 40950
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.3 6.9
 100 3.4 1.4 4.0





#25
Ethyl Acetate
Concen: 2.807 ppbv
RT: 2.855 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

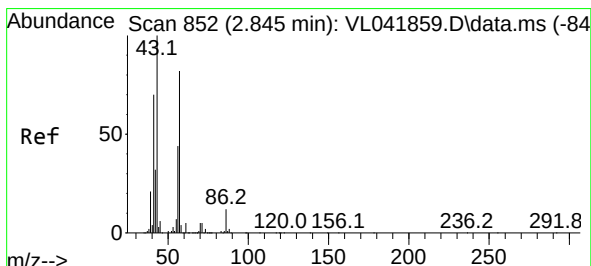
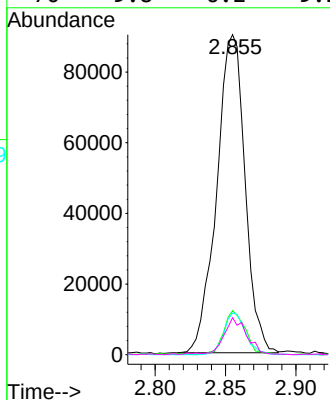
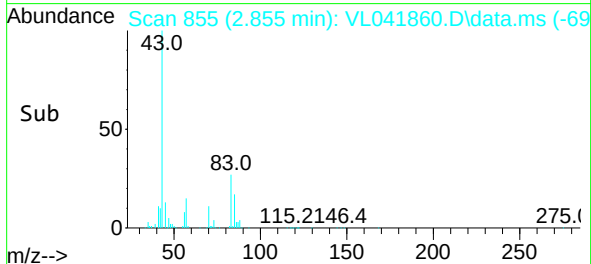
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



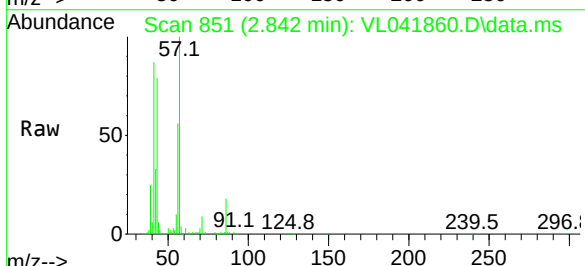
Tgt Ion: 43 Resp: 12616
Ion Ratio Lower Upper
43 100
45 10.6 7.8 11.8
61 10.1 7.0 10.6
70 9.8 6.2 9.2#

Manual Integrations
APPROVED

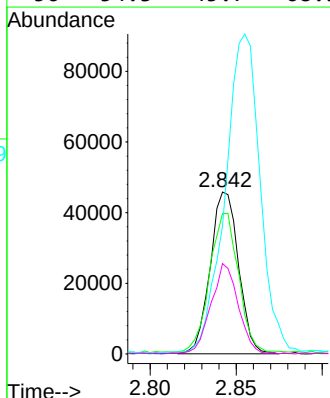
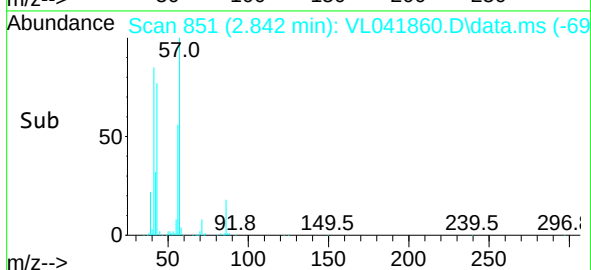
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

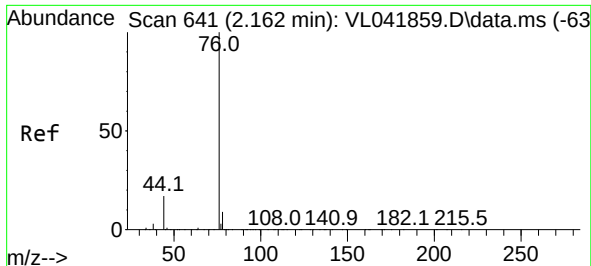


#26
Hexane
Concen: 3.352 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



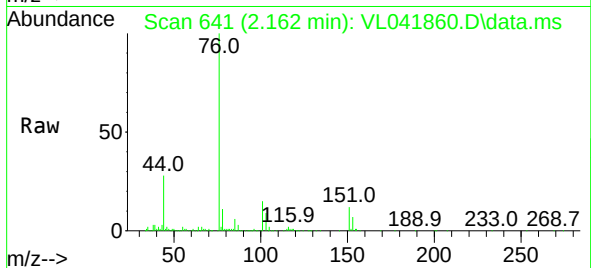
Tgt Ion: 57 Resp: 52287
Ion Ratio Lower Upper
57 100
41 91.9 84.1 126.1
43 243.9 218.4 327.6
56 54.3 45.7 68.5





#27
Carbon Disulfide
Concen: 3.401 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

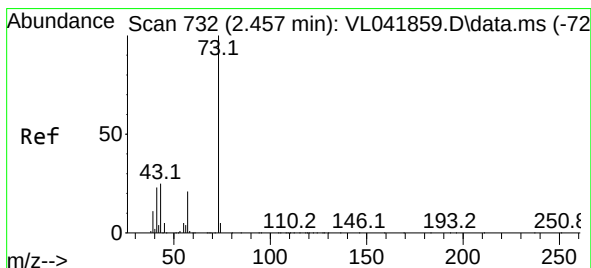
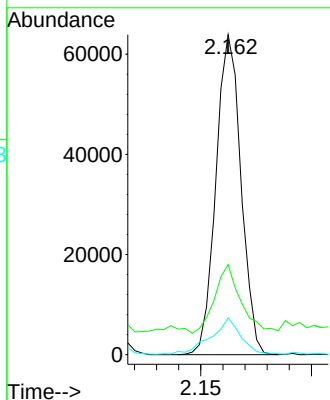
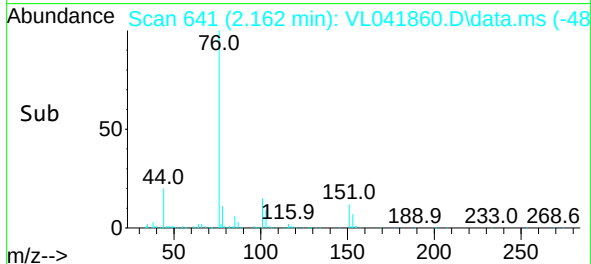
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



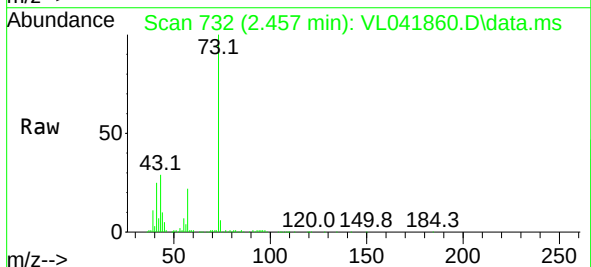
Tgt Ion: 76 Resp: 5034
Ion Ratio Lower Upper
76 100
44 27.7 19.8 29.8
78 13.3 9.8 14.8

Manual Integrations
APPROVED

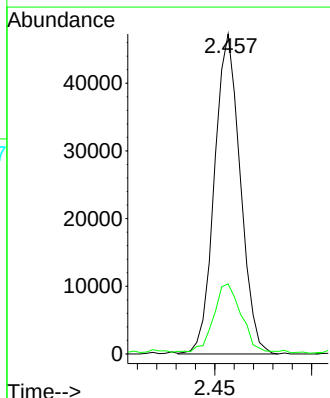
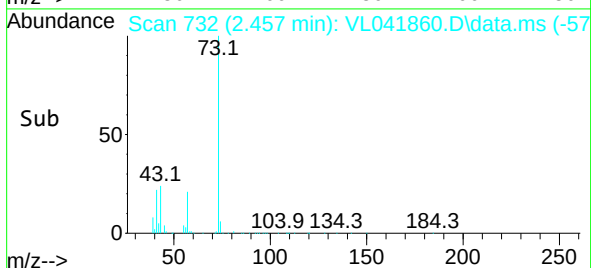
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

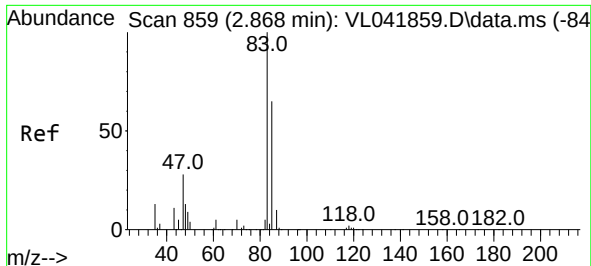


#28
Methyl tert-Butyl Ether
Concen: 3.724 ppbv
RT: 2.457 min Scan# 732
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



Tgt Ion: 73 Resp: 43777
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6





#29

Chloroform

Concen: 2.583 ppbv

RT: 2.865 min Scan# 859

Delta R.T. 0.003 min

Lab File: VL041860.D

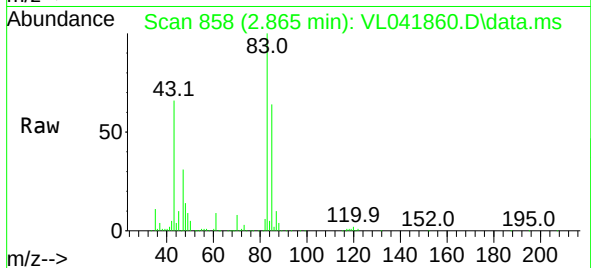
Acq: 09 Jan 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

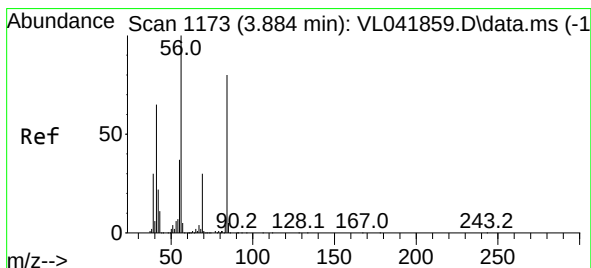
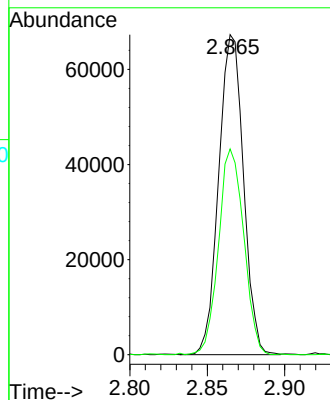
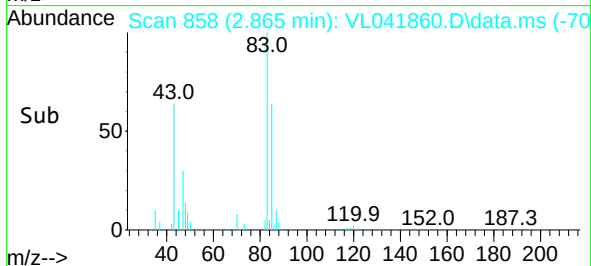


Tgt Ion:	83	Resp:	74840
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.6	74.4

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 3.933 ppbv

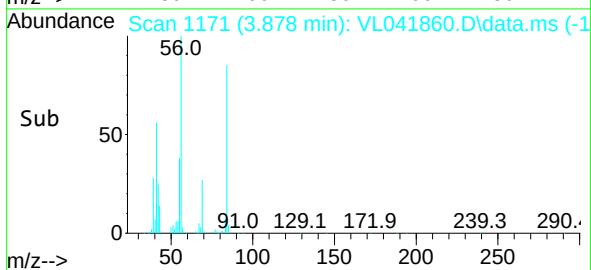
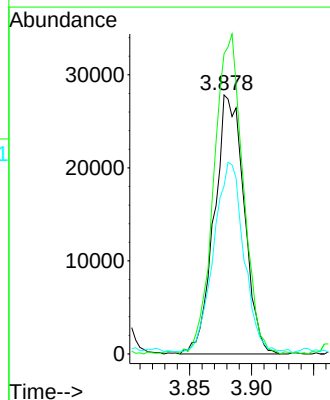
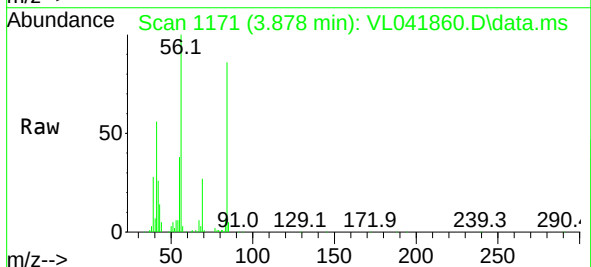
RT: 3.878 min Scan# 1171

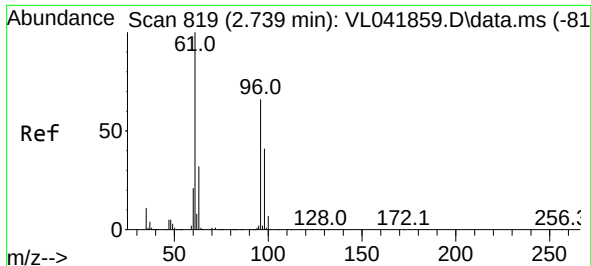
Delta R.T. 0.003 min

Lab File: VL041860.D

Acq: 09 Jan 2025 11:52

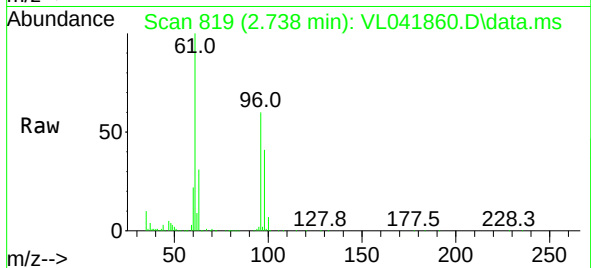
Tgt Ion:	84	Resp:	46542
Ion	Ratio	Lower	Upper
84	100		
56	121.9	105.0	157.6
41	74.5	78.9	118.3





#31
 cis-1,2-Dichloroethene
 Concen: 3.120 ppbv
 RT: 2.738 min Scan# 819
 Delta R.T. 0.006 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52

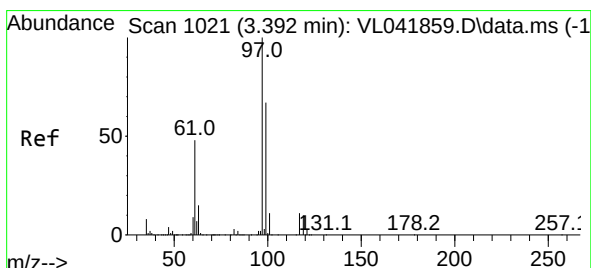
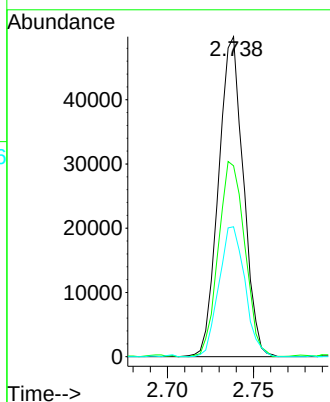
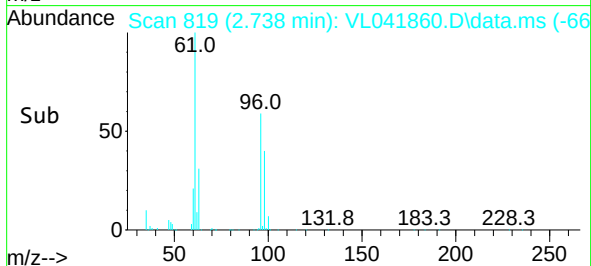
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



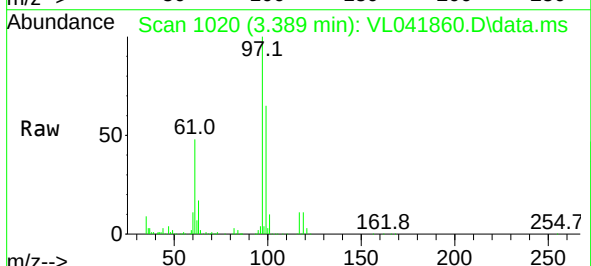
Tgt Ion: 61 Resp: 50090
 Ion Ratio Lower Upper
 61 100
 96 59.6 47.6 71.4
 98 40.6 30.2 45.2

Manual Integrations
 APPROVED

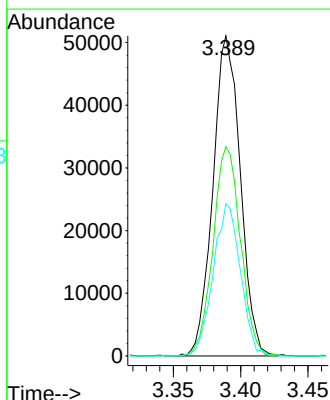
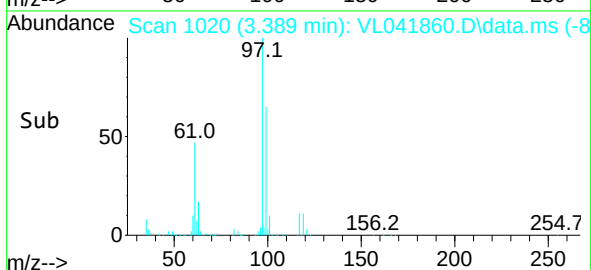
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

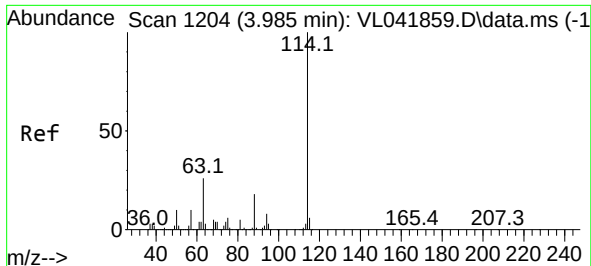


#32
 1,1,1-Trichloroethane
 Concen: 2.750 ppbv
 RT: 3.389 min Scan# 1020
 Delta R.T. 0.006 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52



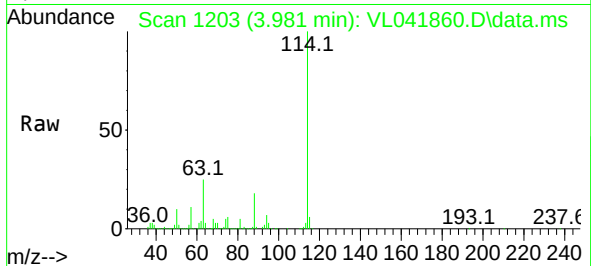
Tgt Ion: 97 Resp: 72210
 Ion Ratio Lower Upper
 97 100
 99 65.4 50.6 76.0
 61 47.2 45.0 67.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

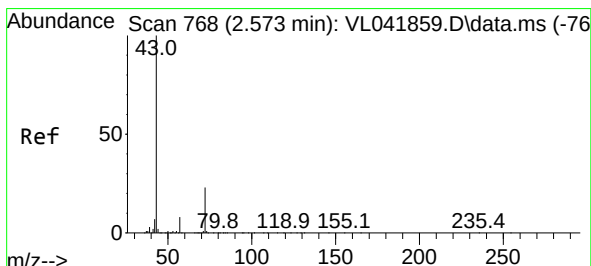
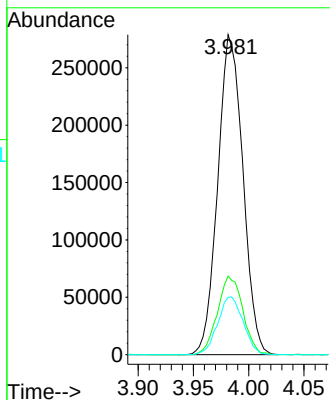
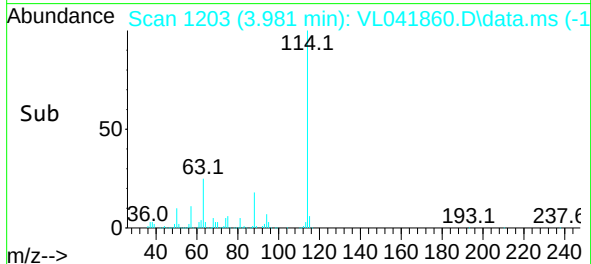
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:114 Resp: 440592
Ion Ratio Lower Upper
114 100
63 24.9 22.3 33.5
88 18.3 14.9 22.3

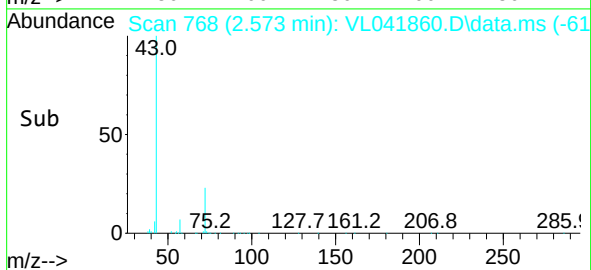
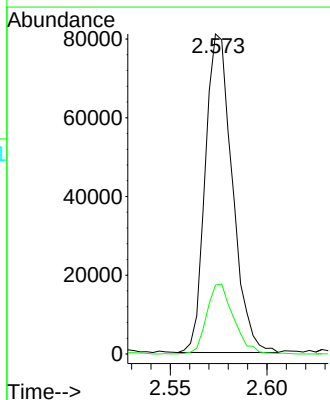
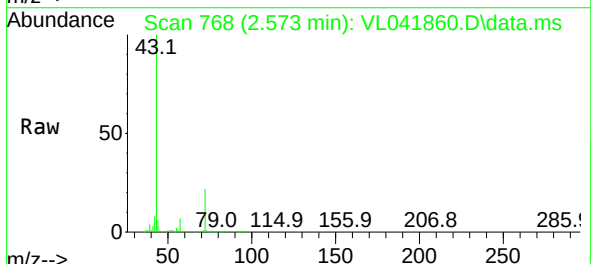
Manual Integrations
APPROVED

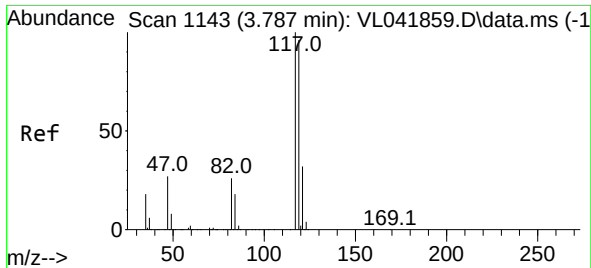
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#34
2-Butanone
Concen: 2.267 ppbv
RT: 2.573 min Scan# 768
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

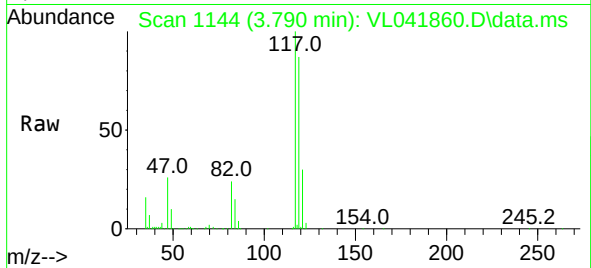
Tgt Ion: 43 Resp: 78681
Ion Ratio Lower Upper
43 100
72 21.9 16.6 25.0





#35
Carbon Tetrachloride
Concen: 2.079 ppbv
RT: 3.790 min Scan# 1143
Delta R.T. 0.010 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

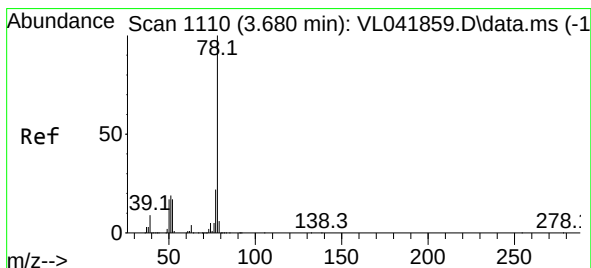
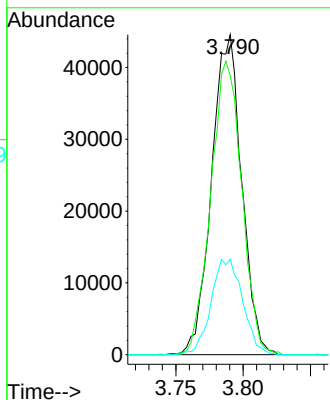
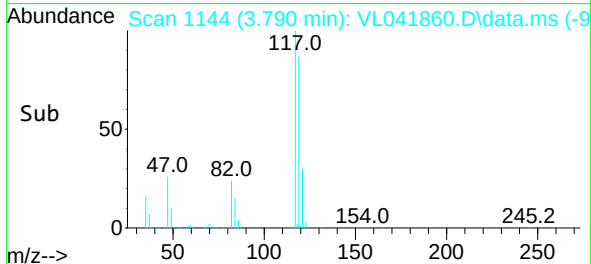
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



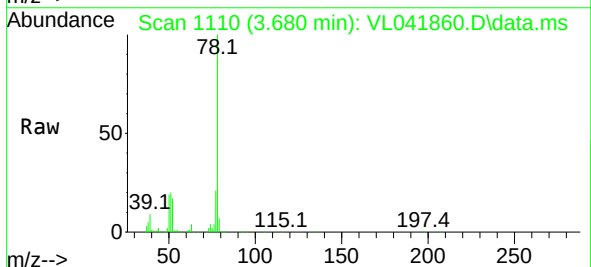
Tgt Ion: 117 Resp: 6922
Ion Ratio Lower Upper
117 100
119 86.8 79.1 118.7
121 29.8 24.2 36.2

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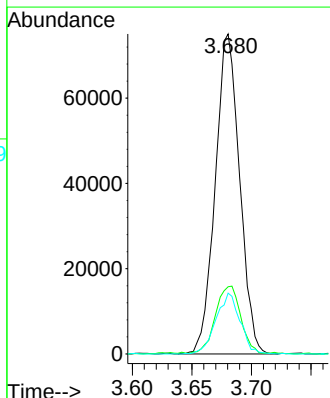
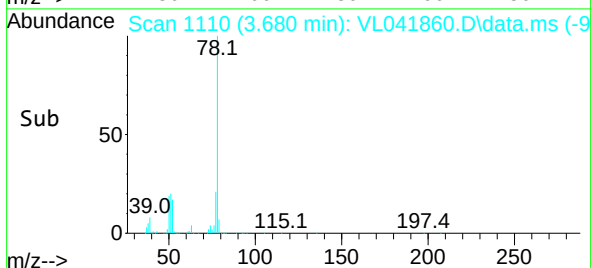
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

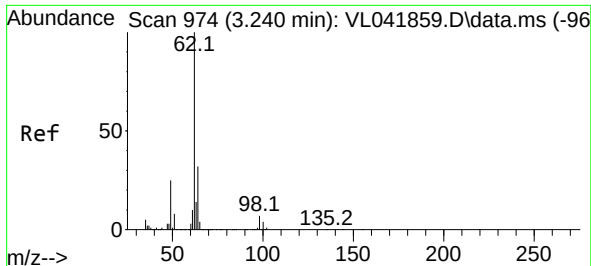


#36
Benzene
Concen: 2.534 ppbv
RT: 3.680 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



Tgt Ion: 78 Resp: 106654
Ion Ratio Lower Upper
78 100
77 20.8 17.4 26.0
50 19.0 17.3 25.9





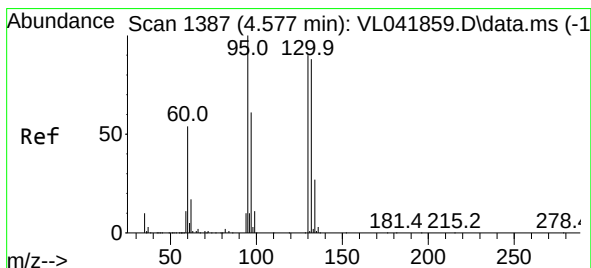
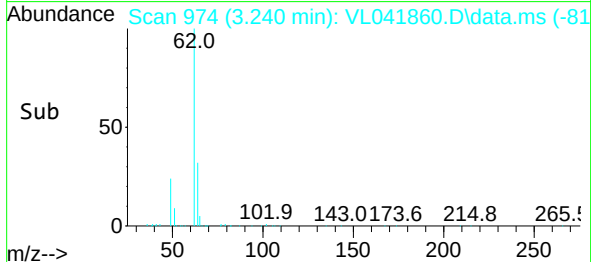
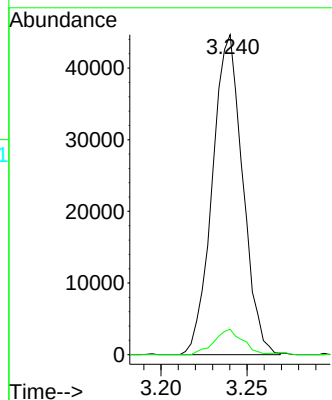
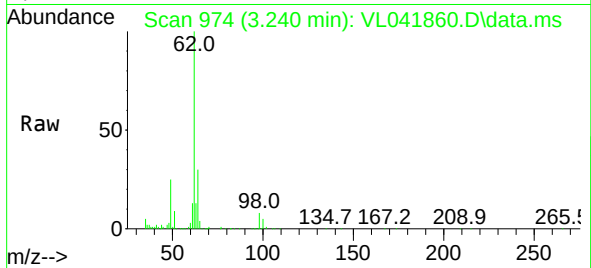
#37
1,2-Dichloroethane
Concen: 1.980 ppbv
RT: 3.240 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 54770
Ion Ratio Lower Upper
62 100
98 7.8 4.8 7.2

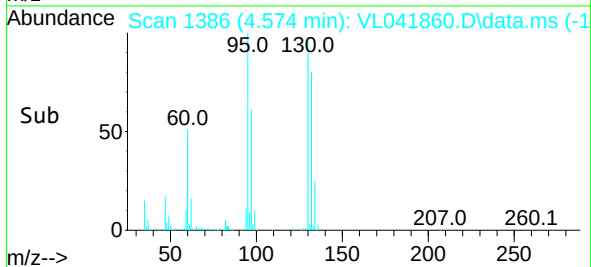
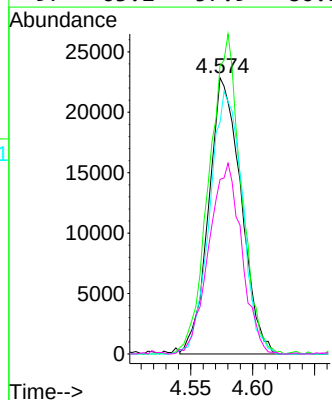
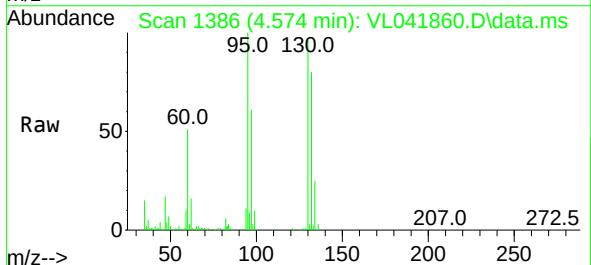
Manual Integrations
APPROVED

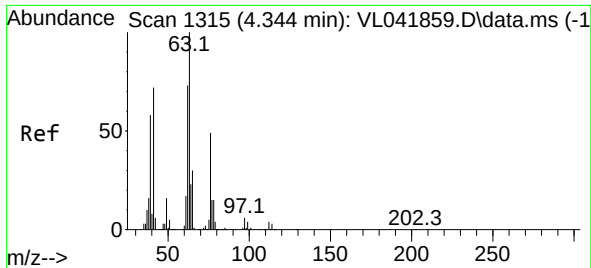
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#38
Trichloroethene
Concen: 2.511 ppbv
RT: 4.574 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Tgt Ion:130 Resp: 41427
Ion Ratio Lower Upper
130 100
95 103.4 90.1 135.1
132 83.9 71.8 107.8
97 63.2 57.9 86.9





#39

1,2-Dichloropropane

Concen: 2.310 ppbv m

RT: 4.347 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041860.D

Acq: 09 Jan 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

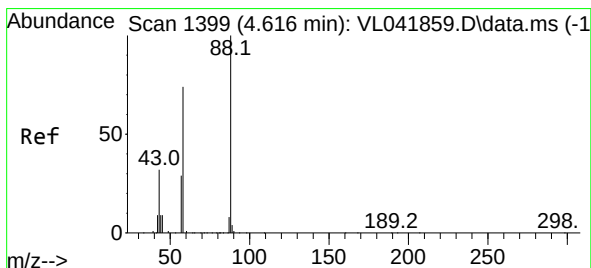
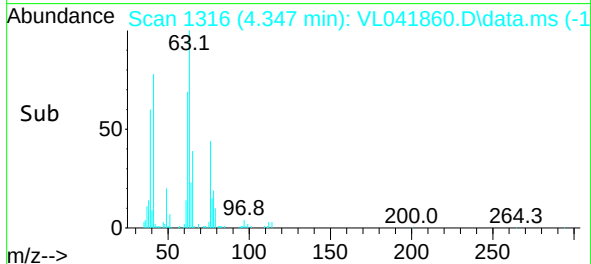
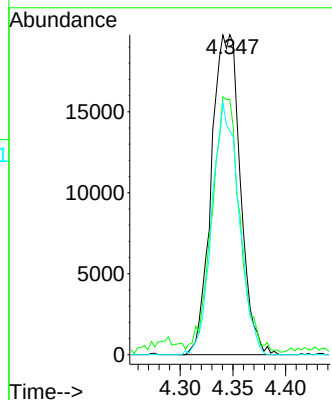
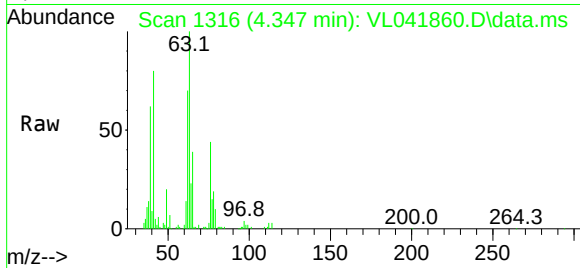
Tgt Ion: 63 Resp: 37604

Ion	Ratio	Lower	Upper
63	100		
41	79.8	77.7	116.5
62	70.0	56.2	84.2

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 2.990 ppbv

RT: 4.629 min Scan# 1403

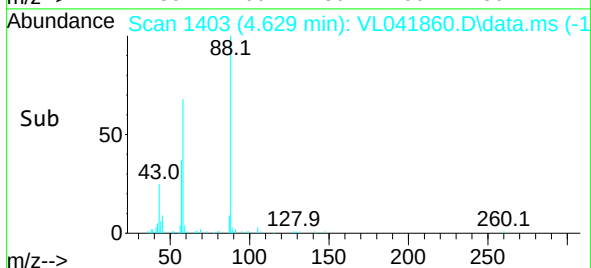
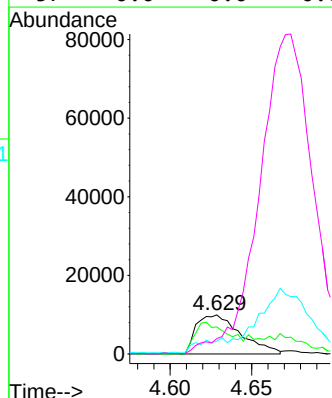
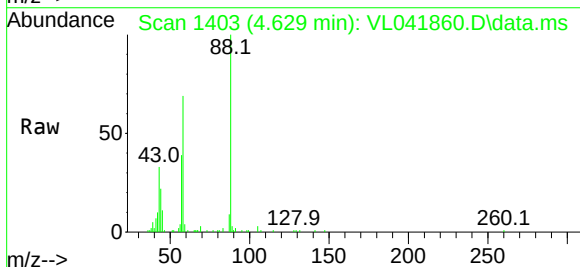
Delta R.T. 0.023 min

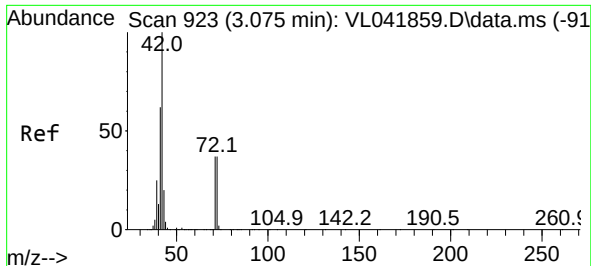
Lab File: VL041860.D

Acq: 09 Jan 2025 11:52

Tgt Ion: 88 Resp: 18864

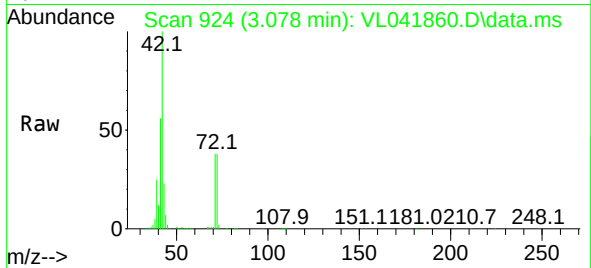
Ion	Ratio	Lower	Upper
88	100		
58	119.7	65.1	97.7#
43	0.0	32.1	48.1#
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 2.724 ppbv
RT: 3.078 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

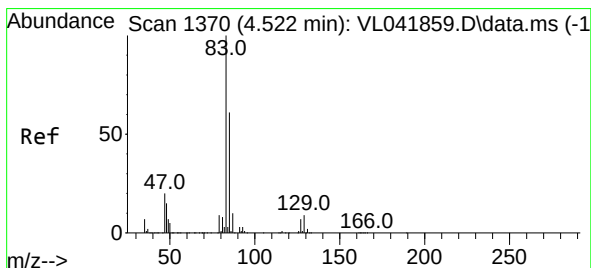
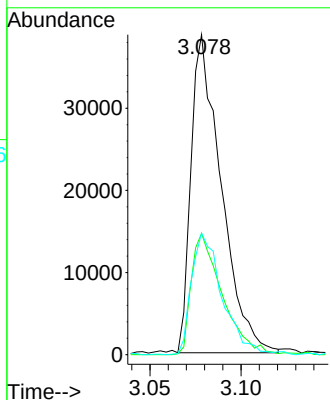
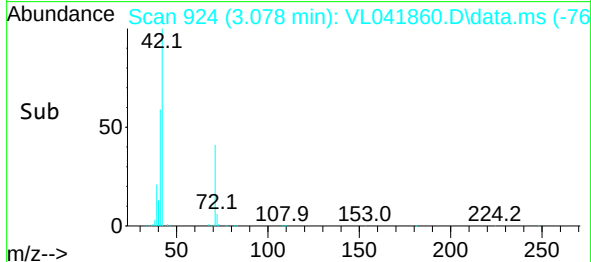
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



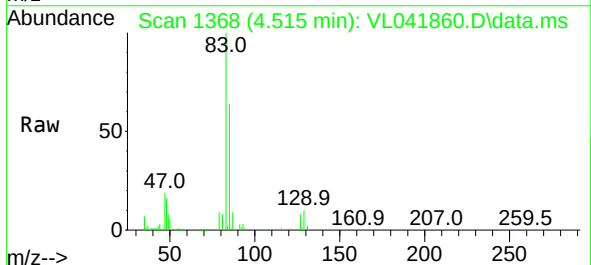
Tgt Ion: 42 Resp: 44570
Ion Ratio Lower Upper
42 100
72 39.5 27.9 41.9
71 39.7 26.5 39.7

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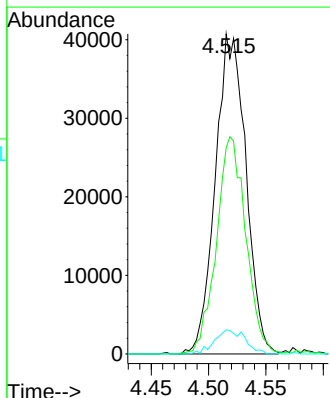
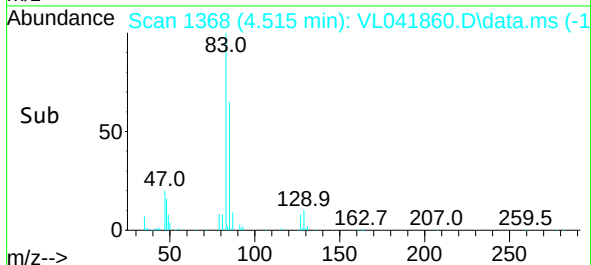
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

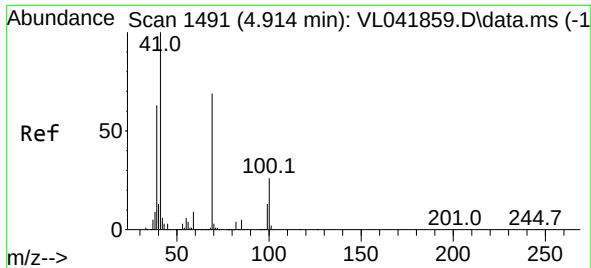


#42
Bromodichloromethane
Concen: 2.324 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



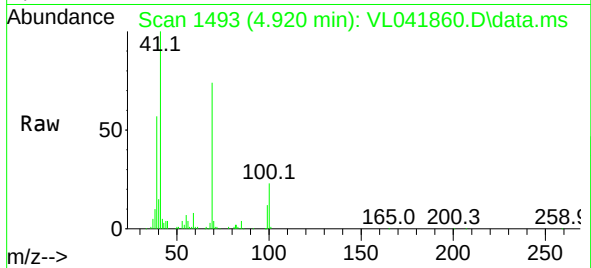
Tgt Ion: 83 Resp: 75424
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9
127 7.5 5.6 8.4





#43
Methyl Methacrylate
Concen: 3.190 ppbv m
RT: 4.920 min Scan# 1491
Delta R.T. 0.016 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

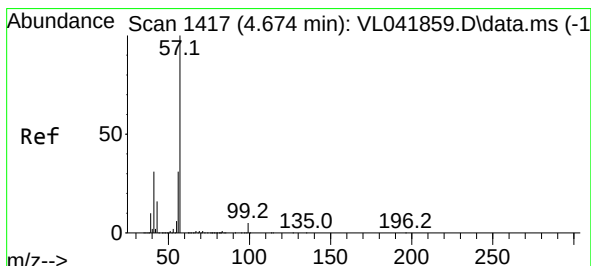
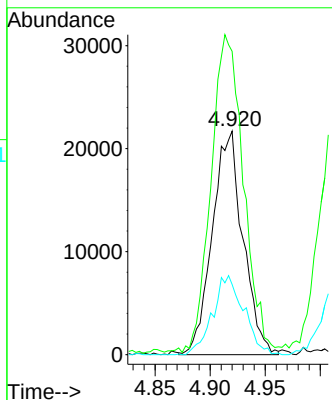
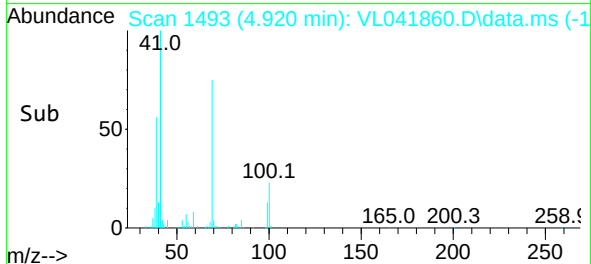
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 69 Resp: 4215
Ion Ratio Lower Upper
69 100
41 152.0 132.3 198.5
100 35.9 28.2 42.4

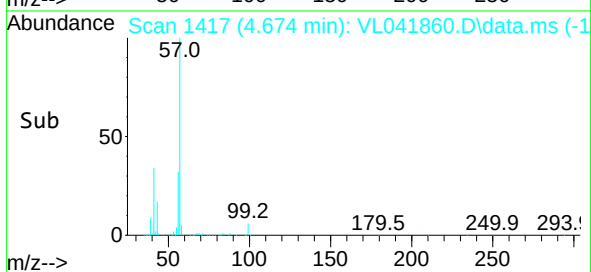
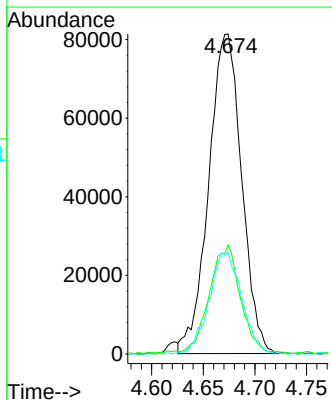
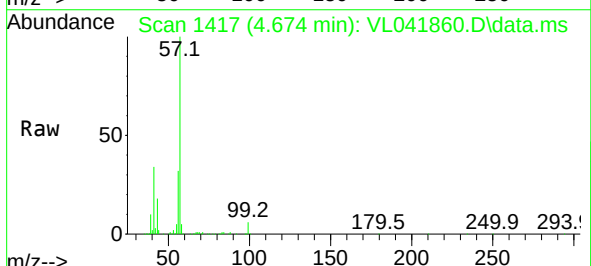
Manual Integrations
APPROVED

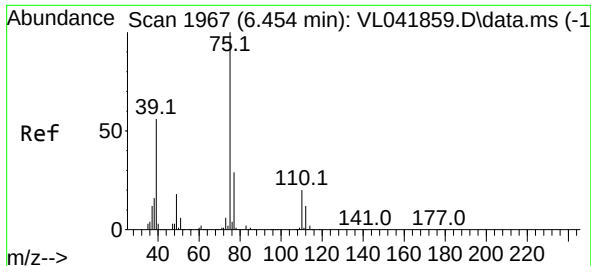
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#44
2,2,4-Trimethylpentane
Concen: 2.597 ppbv
RT: 4.674 min Scan# 1417
Delta R.T. 0.013 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

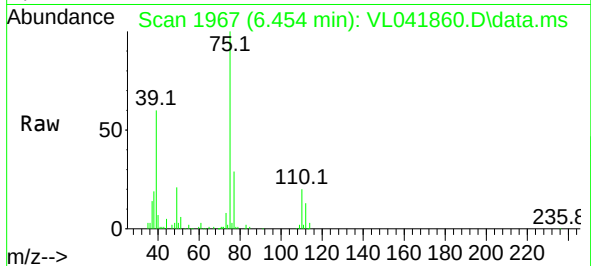
Tgt Ion: 57 Resp: 180117
Ion Ratio Lower Upper
57 100
41 31.8 31.4 47.2
56 31.6 26.6 39.8





#45
 t-1,3-Dichloropropene
 Concen: 3.361 ppbv
 RT: 6.454 min Scan# 1967
 Delta R.T. 0.016 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52

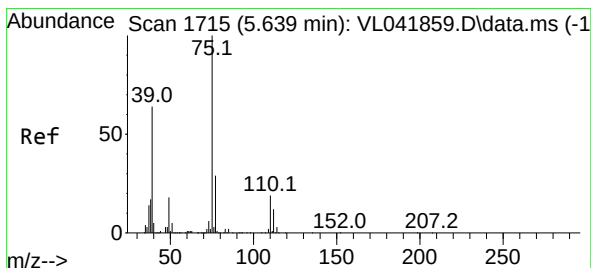
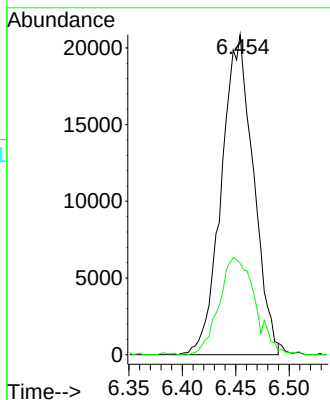
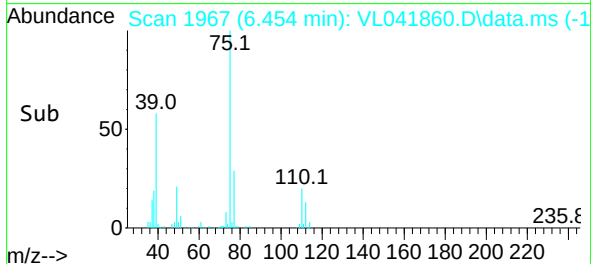
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



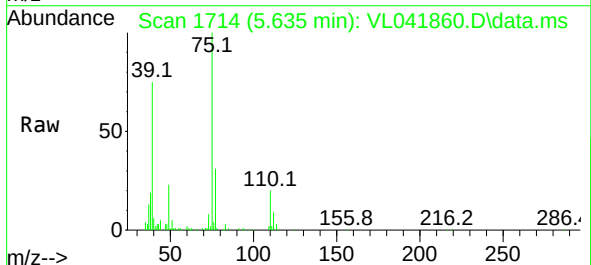
Tgt Ion: 75 Resp: 43372
 Ion Ratio Lower Upper
 75 100
 77 28.6 22.2 33.4

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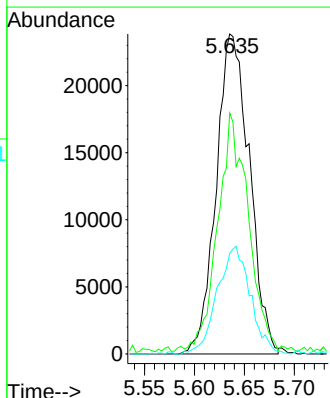
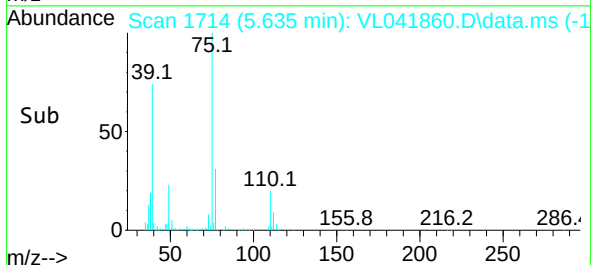
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

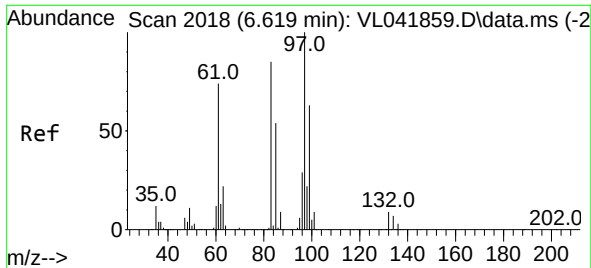


#46
 cis-1,3-Dichloropropene
 Concen: 3.243 ppbv
 RT: 5.635 min Scan# 1714
 Delta R.T. 0.003 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52



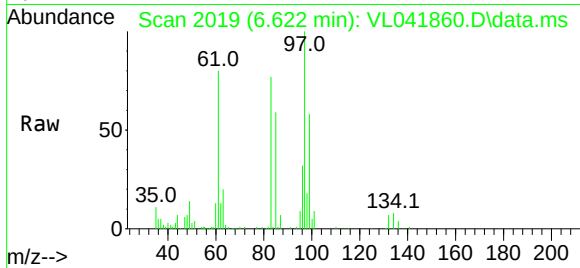
Tgt Ion: 75 Resp: 55051
 Ion Ratio Lower Upper
 75 100
 39 74.3 63.3 94.9
 77 31.5 23.5 35.3





#47
1,1,2-Trichloroethane
Concen: 2.287 ppbv m
RT: 6.622 min Scan# 2018
Delta R.T. 0.016 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

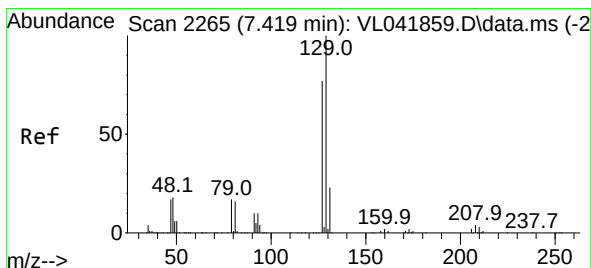
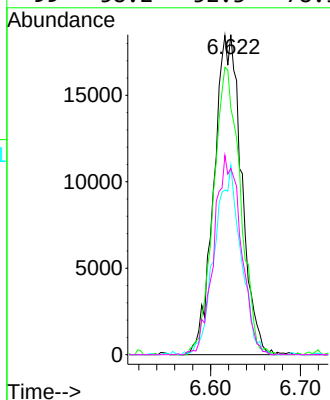
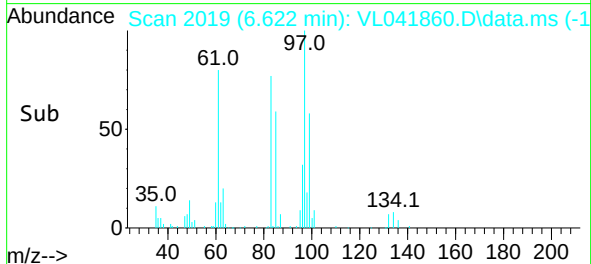
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 97 Resp: 3939
Ion Ratio Lower Upper
97 100
83 77.0 70.3 105.5
85 59.3 41.5 62.3
99 58.2 52.3 78.5

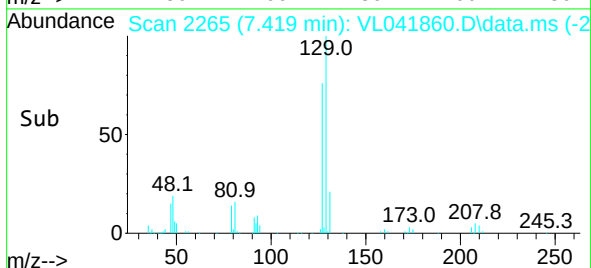
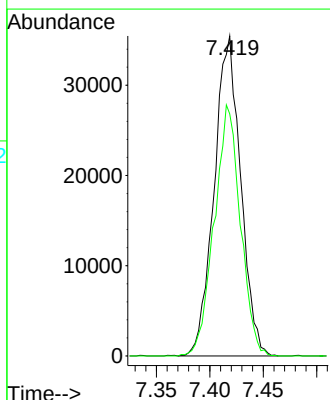
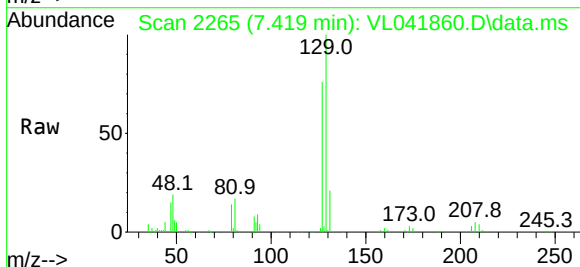
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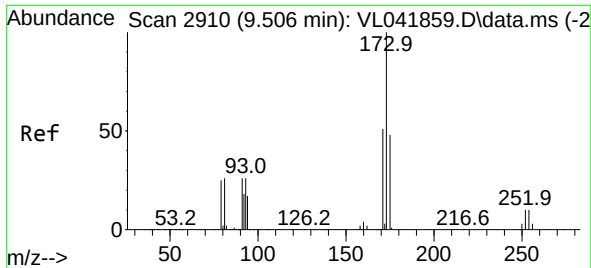
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#48
Dibromochloromethane
Concen: 2.797 ppbv
RT: 7.419 min Scan# 2265
Delta R.T. 0.010 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Tgt Ion:129 Resp: 61313
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





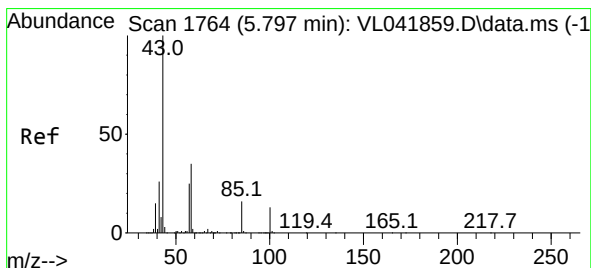
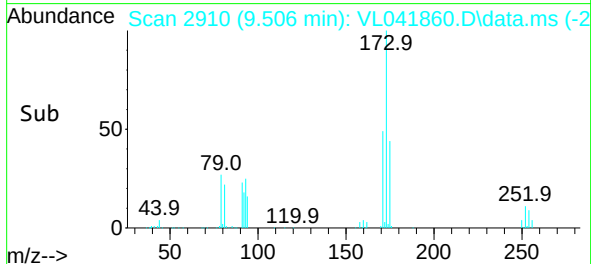
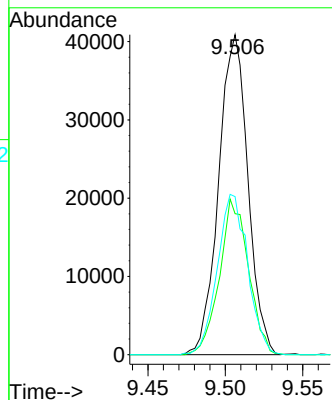
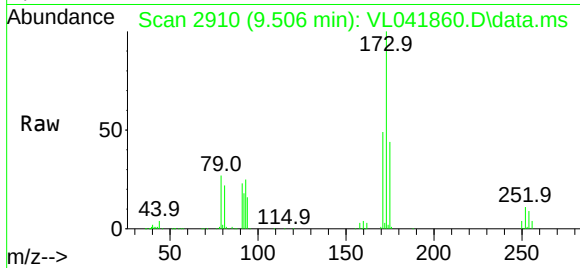
#49
Bromoform
Concen: 3.059 ppbv
RT: 9.506 min Scan# 2910
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 53734
Ion Ratio Lower Upper
173 100
175 48.1 39.5 59.3
171 52.0 41.5 62.3

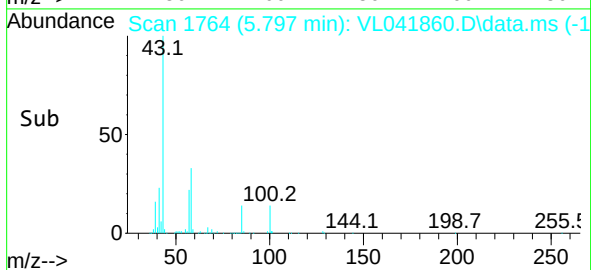
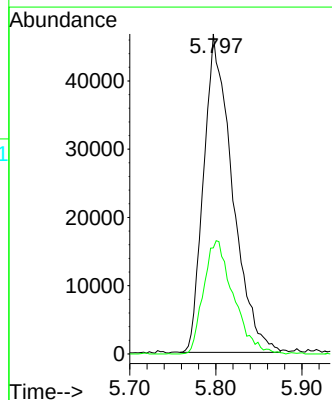
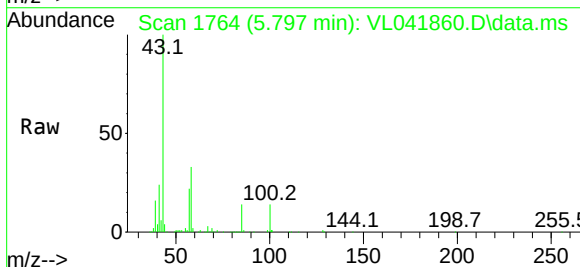
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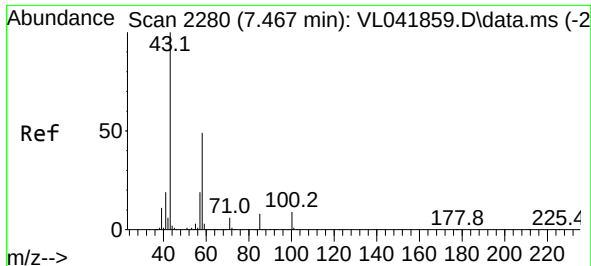
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#50
4-Methyl-2-Pentanone
Concen: 2.698 ppbv
RT: 5.797 min Scan# 1764
Delta R.T. 0.013 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

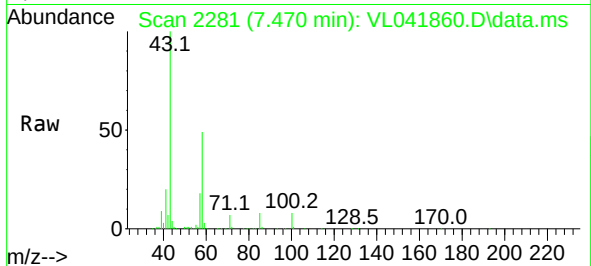
Tgt Ion: 43 Resp: 108191
Ion Ratio Lower Upper
43 100
58 37.2 25.7 38.5





#51
2-Hexanone
Concen: 2.991 ppbv
RT: 7.470 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

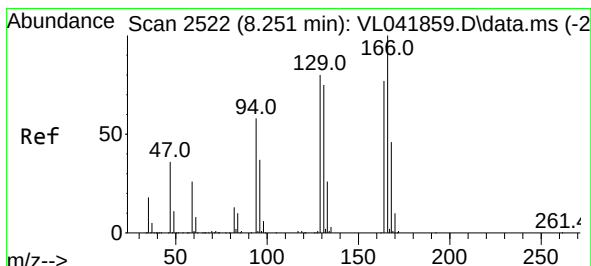
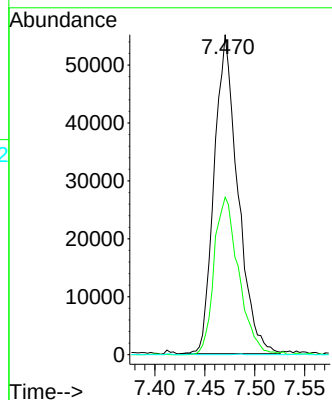
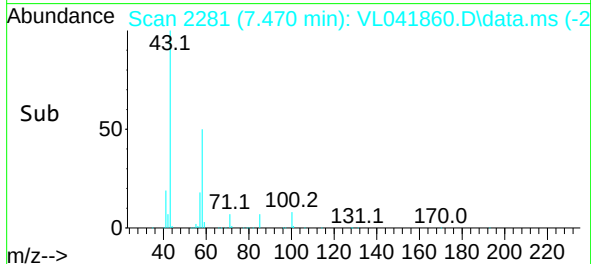
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 90844
Ion Ratio Lower Upper
43 100
58 51.6 33.8 50.8
98 0.1 0.7 1.1

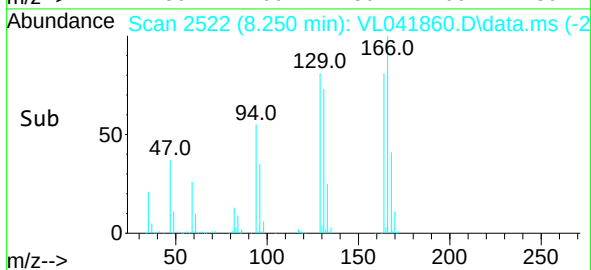
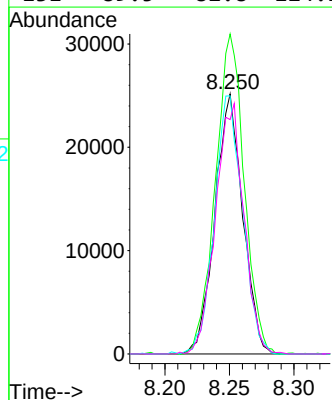
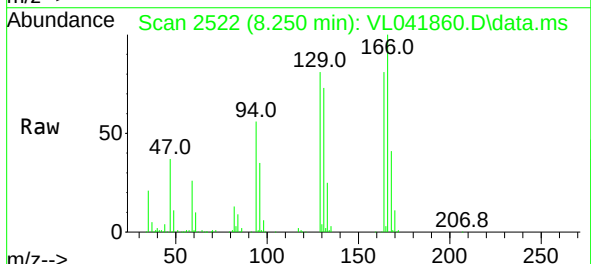
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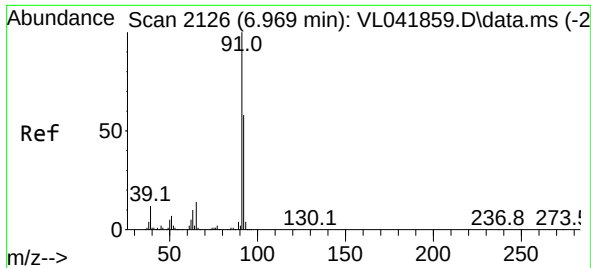
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#52
Tetrachloroethene
Concen: 3.020 ppbv
RT: 8.250 min Scan# 2522
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

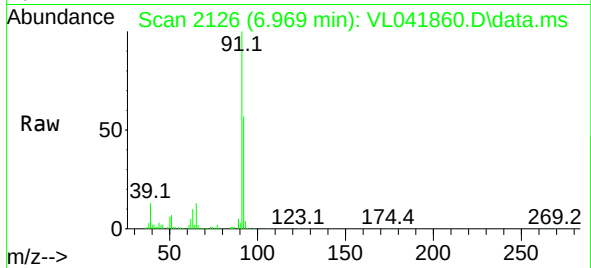
Tgt Ion:164 Resp: 37701
Ion Ratio Lower Upper
164 100
166 123.0 100.4 150.6
129 99.2 85.9 128.9
131 89.5 82.8 124.2





#53
Toluene
Concen: 3.341 ppbv
RT: 6.969 min Scan# 2126
Delta R.T. 0.010 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

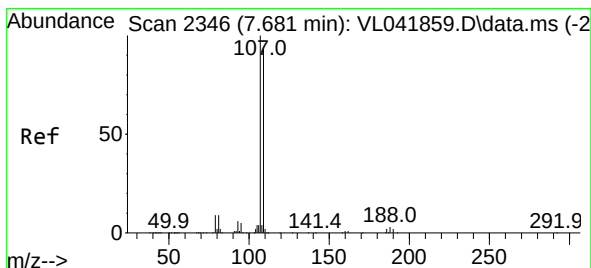
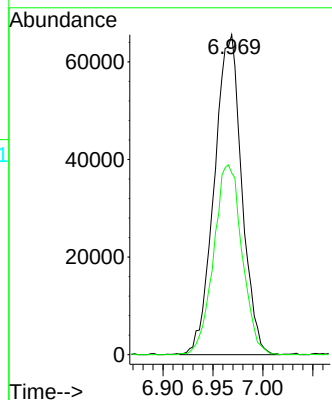
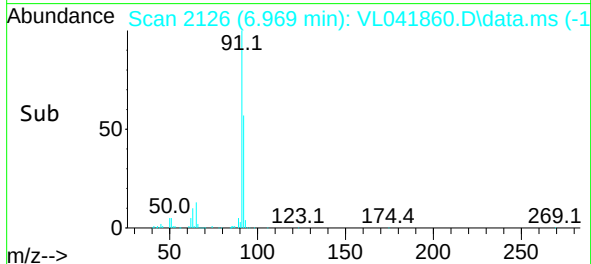
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



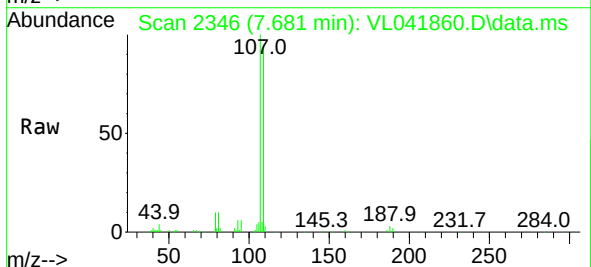
Tgt Ion: 91 Resp: 12529
Ion Ratio Lower Upper
91 100
92 61.4 47.8 71.6

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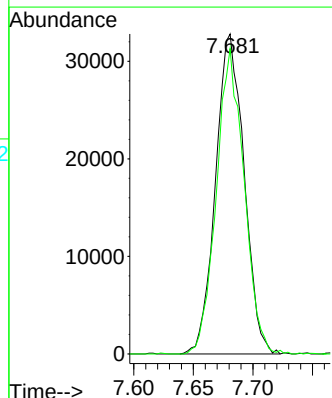
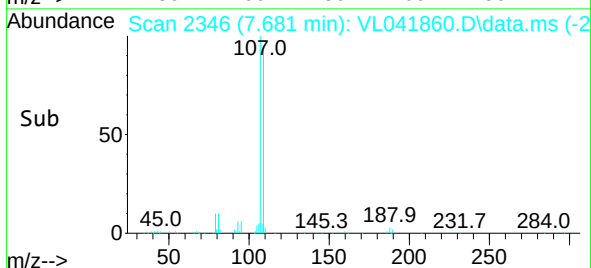
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

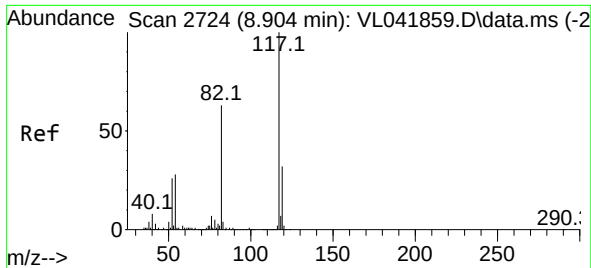


#54
1,2-Dibromoethane
Concen: 2.587 ppbv
RT: 7.681 min Scan# 2346
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



Tgt Ion:107 Resp: 54562
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9





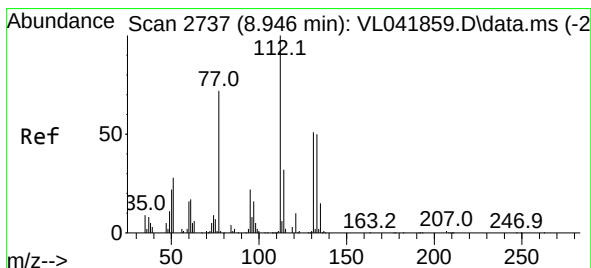
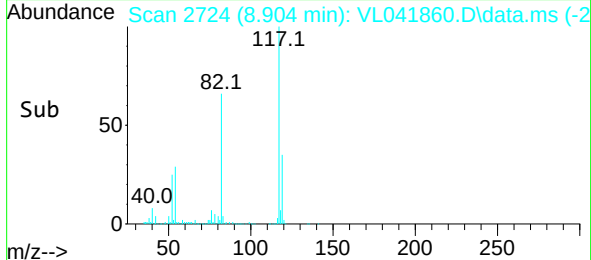
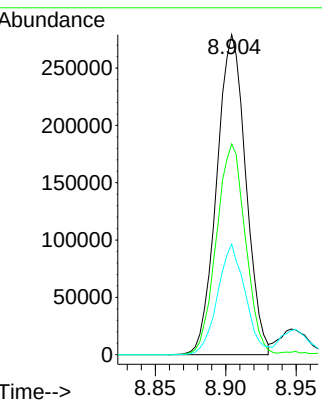
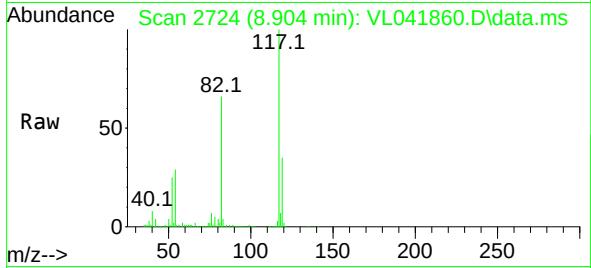
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 401428
Ion Ratio Lower Upper
117 100
82 66.5 59.1 88.7
119 33.7 27.3 40.9

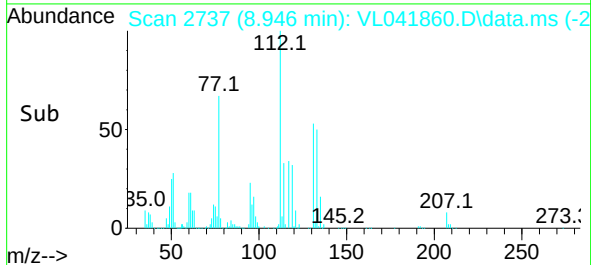
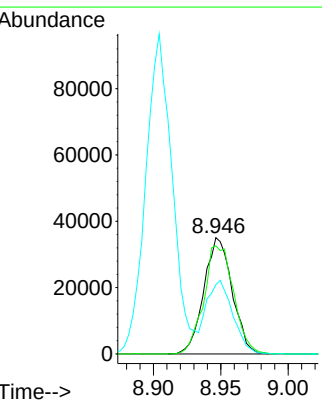
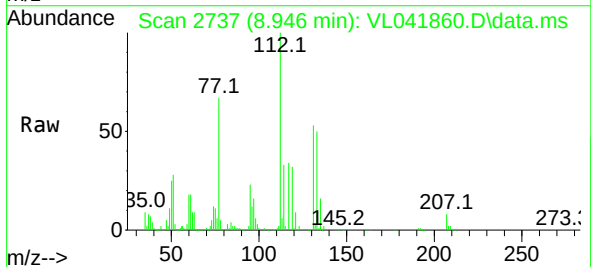
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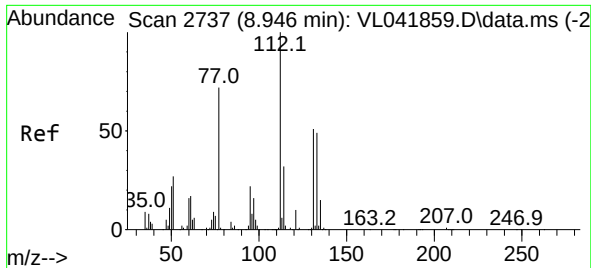
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 2.240 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Tgt Ion:131 Resp: 51252
Ion Ratio Lower Upper
131 100
133 98.3 77.3 115.9
119 61.0 50.6 76.0





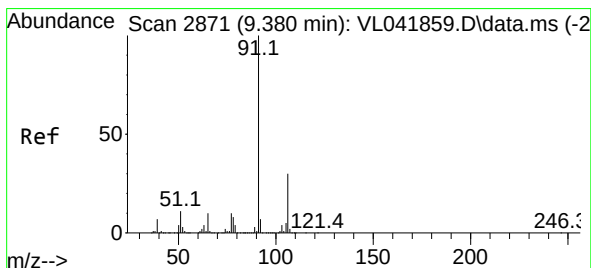
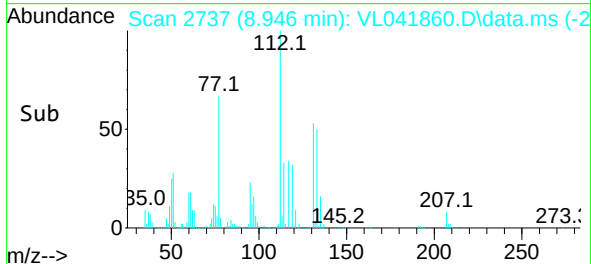
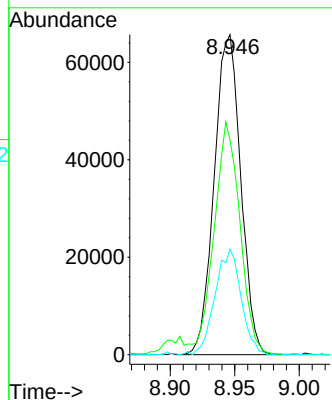
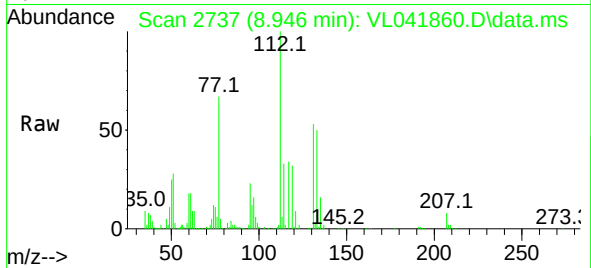
#57
Chlorobenzene
Concen: 2.242 ppbv
RT: 8.946 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 112 Resp: 94000
Ion Ratio Lower Upper
112 100
77 67.0 55.1 82.7
114 33.0 28.3 34.5

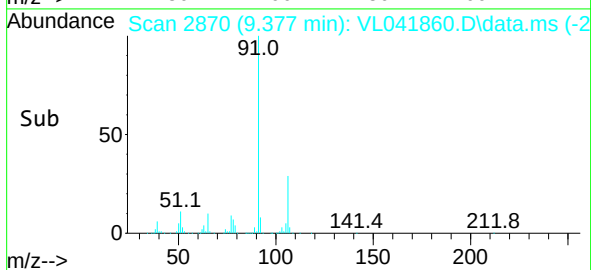
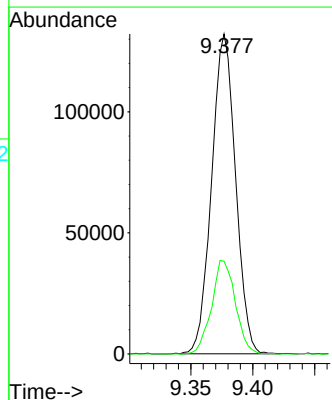
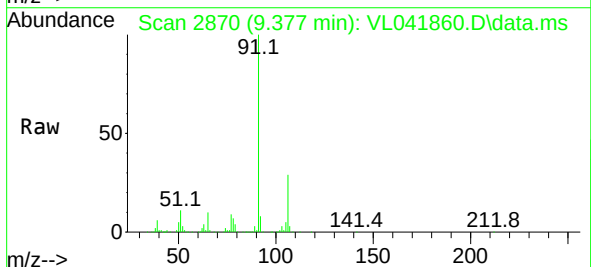
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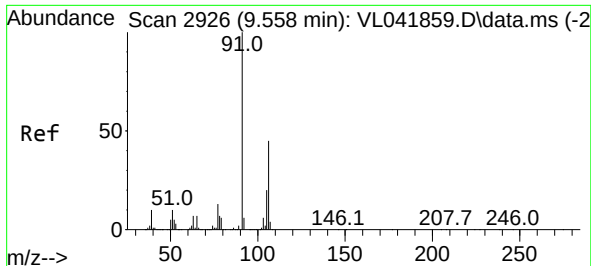
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#58
Ethyl Benzene
Concen: 3.250 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Tgt Ion: 91 Resp: 177814
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.8





#59

m/p-Xylene

Concen: 5.768 ppbv m

RT: 9.571 min Scan# 2926

Delta R.T. 0.006 min

Lab File: VL041860.D

Acq: 09 Jan 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 91 Resp: 278550

Ion Ratio Lower Upper

91 100

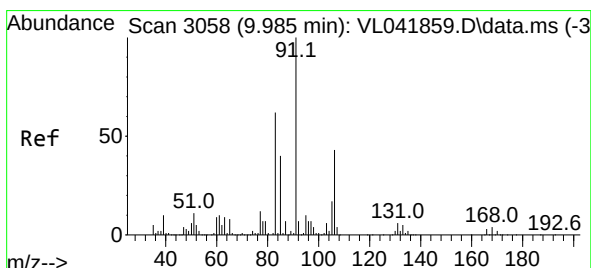
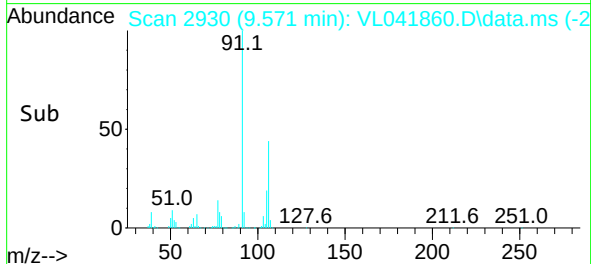
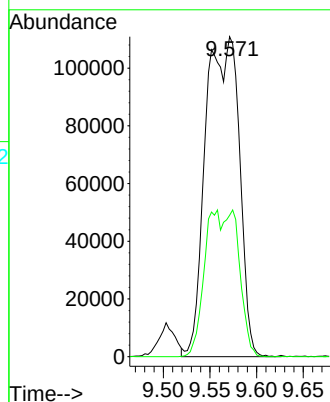
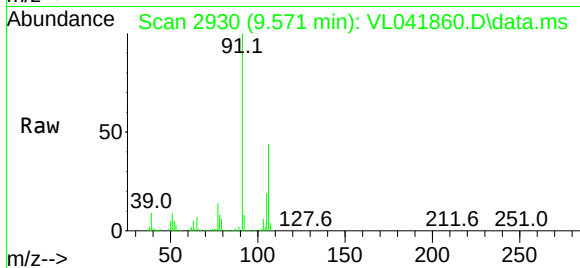
106 46.2 36.8 55.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#60

o-Xylene

Concen: 2.953 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. 0.006 min

Lab File: VL041860.D

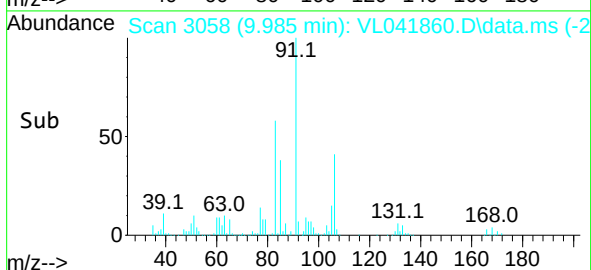
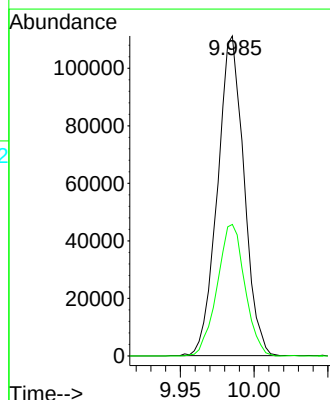
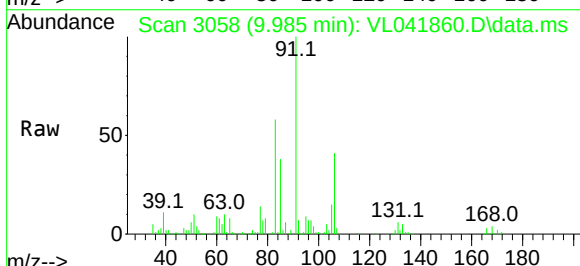
Acq: 09 Jan 2025 11:52

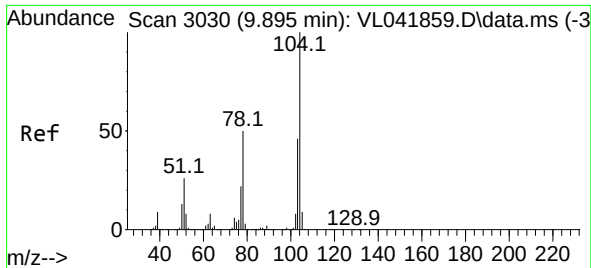
Tgt Ion: 91 Resp: 138722

Ion Ratio Lower Upper

91 100

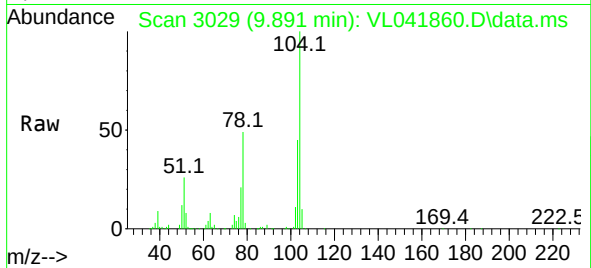
106 43.1 21.9 65.5





#61
Styrene
Concen: 3.779 ppbv
RT: 9.891 min Scan# 3030
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

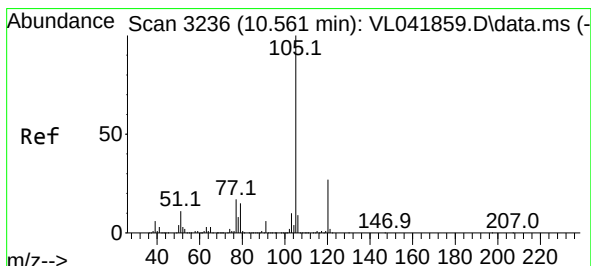
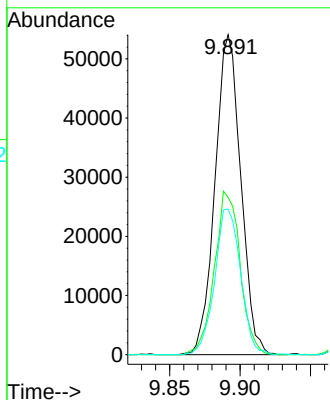
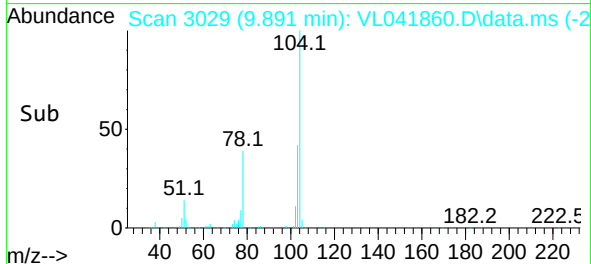
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



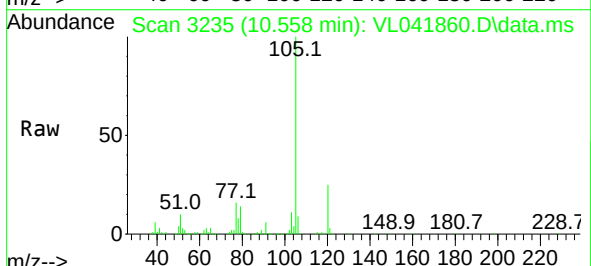
Tgt Ion:104 Resp: 68864
Ion Ratio Lower Upper
104 100
78 50.9 42.8 64.2
103 46.0 37.8 56.6

Manual Integrations
APPROVED

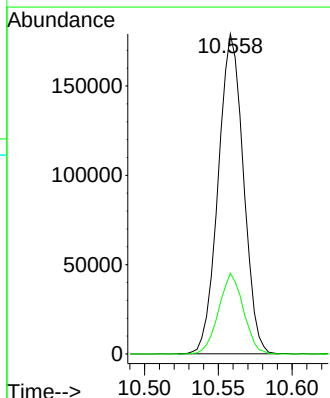
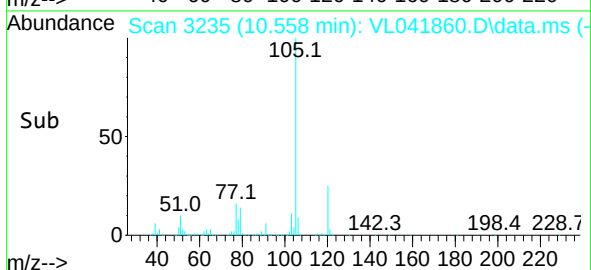
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

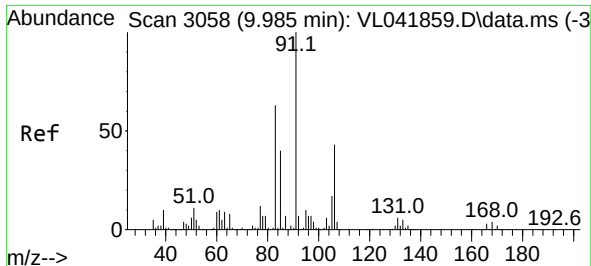


#62
Isopropylbenzene
Concen: 2.882 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



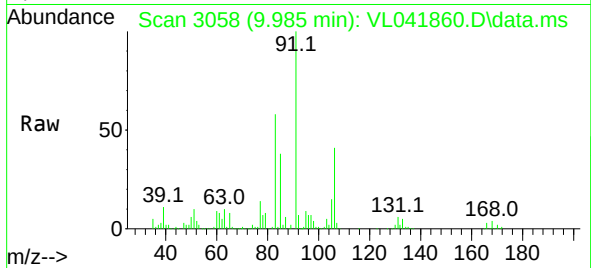
Tgt Ion:105 Resp: 212705
Ion Ratio Lower Upper
105 100
120 24.7 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 2.012 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

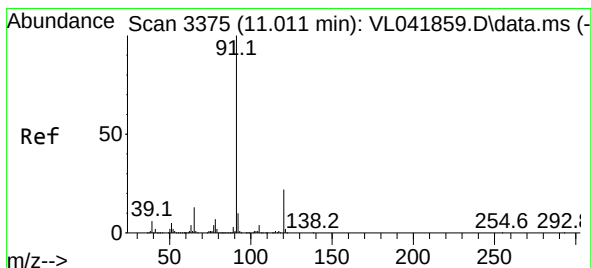
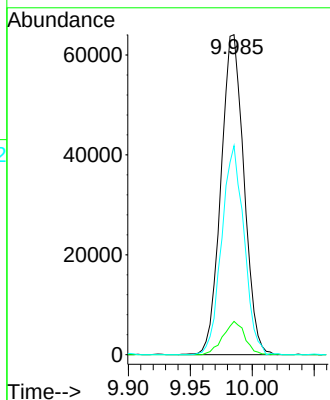
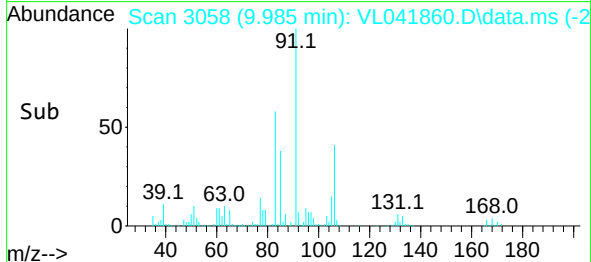
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



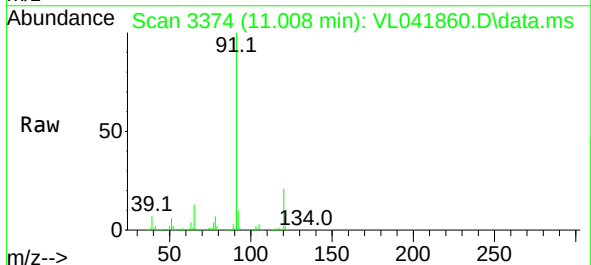
Tgt Ion: 83 Resp: 82870
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 63.5 31.9 95.9

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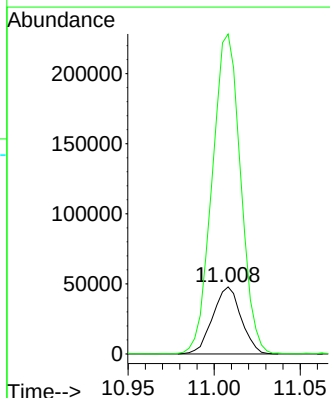
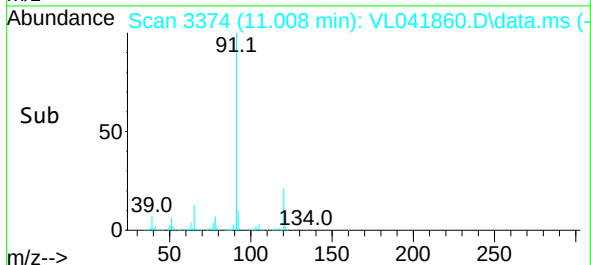
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

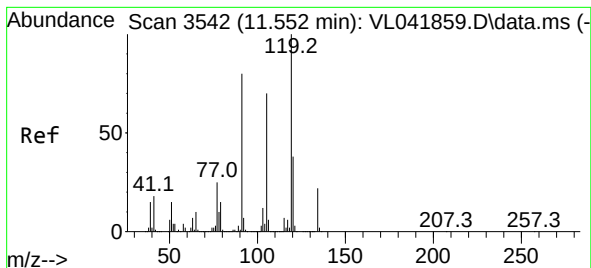


#64
n-propylbenzene
Concen: 2.899 ppbv
RT: 11.008 min Scan# 3374
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



Tgt Ion:120 Resp: 54888
Ion Ratio Lower Upper
120 100
91 478.6 382.1 573.1





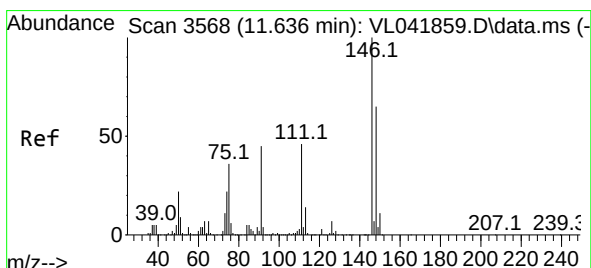
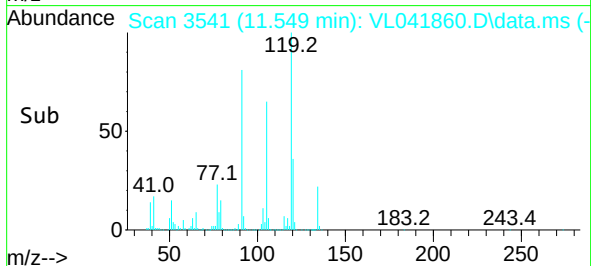
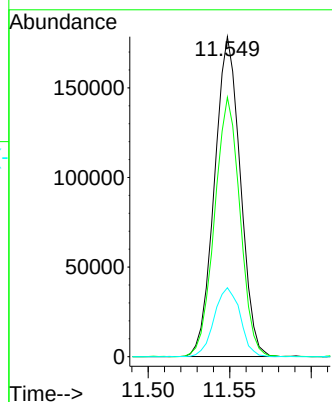
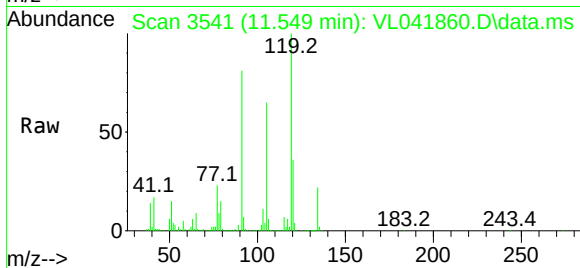
#65
tert-Butylbenzene
Concen: 2.957 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 196649
Ion Ratio Lower Upper
119 100
91 79.8 68.0 102.0
134 21.7 16.2 24.4

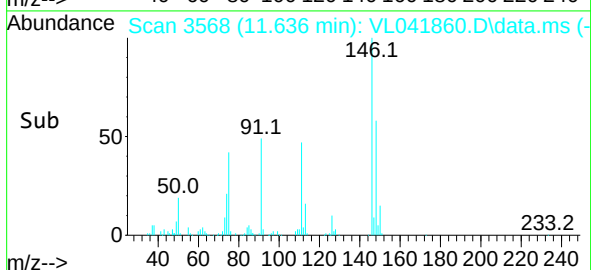
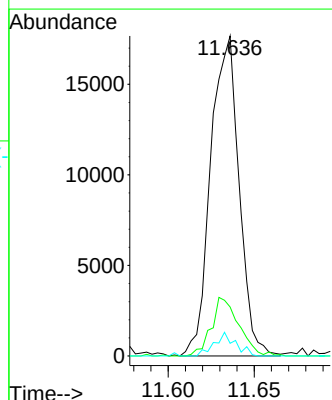
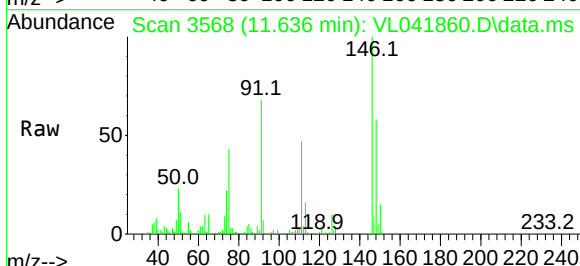
Manual Integrations
APPROVED

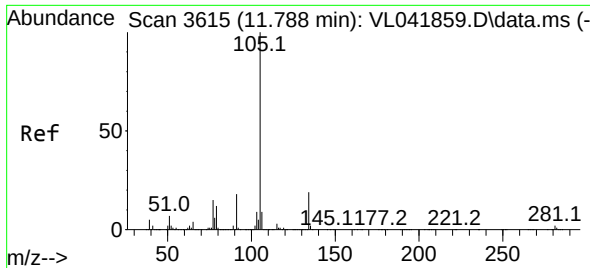
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#66
Benzyl Chloride
Concen: 3.652 ppbv
RT: 11.636 min Scan# 3568
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

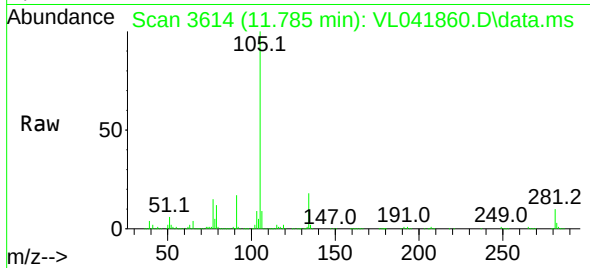
Tgt Ion: 91 Resp: 20300
Ion Ratio Lower Upper
91 100
126 17.8 12.1 18.1
128 5.6 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 2.787 ppbv
 RT: 11.785 min Scan# 3614
 Delta R.T. 0.003 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52

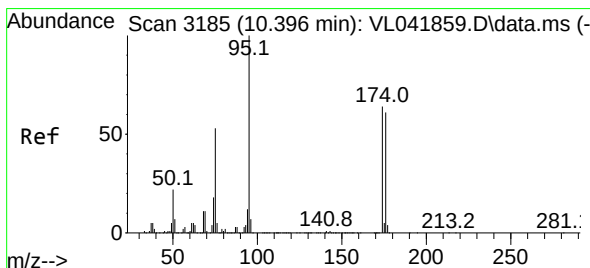
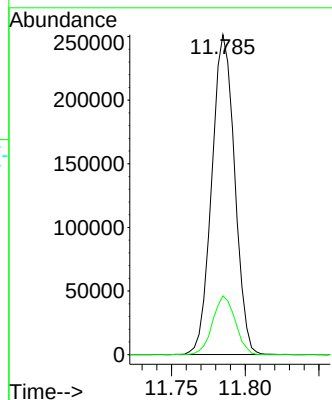
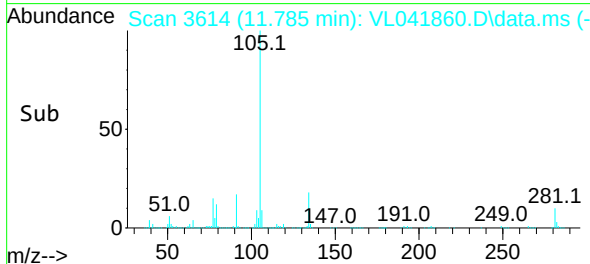
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



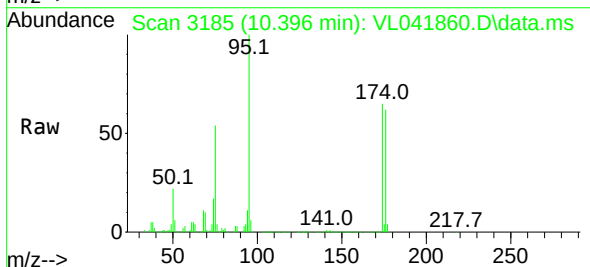
Tgt Ion:105 Resp: 270495
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.6 22.0

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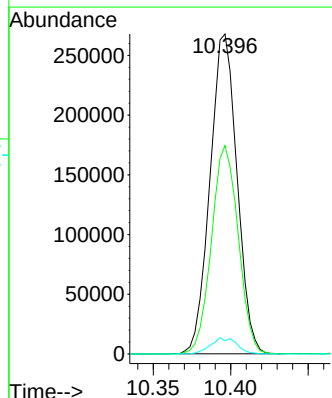
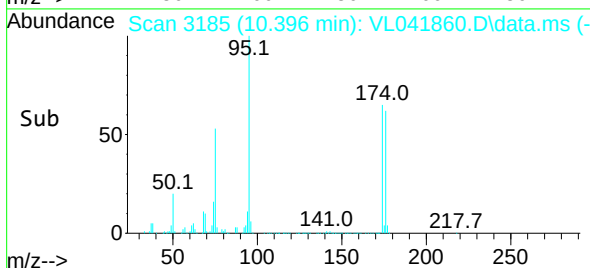
Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

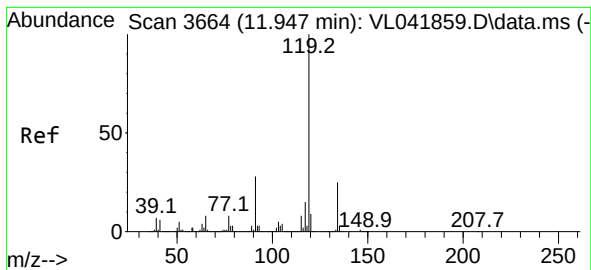


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.445 ppbv
 RT: 10.396 min Scan# 3185
 Delta R.T. 0.006 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52



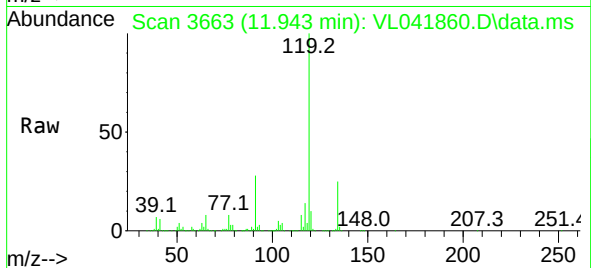
Tgt Ion: 95 Resp: 324737
 Ion Ratio Lower Upper
 95 100
 174 64.6 47.6 71.4
 175 5.0 3.8 5.6





#69
p-Isopropyltoluene
Concen: 3.015 ppbv
RT: 11.943 min Scan# 3663
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

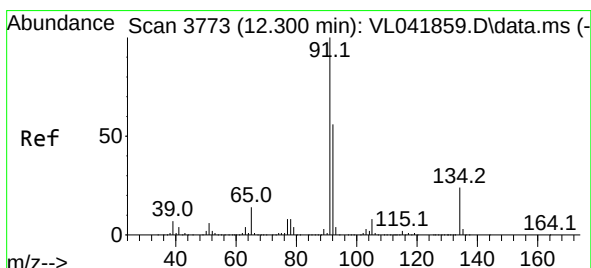
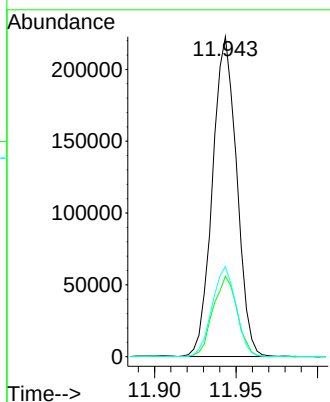
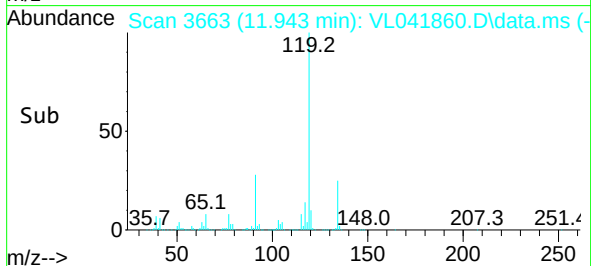
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



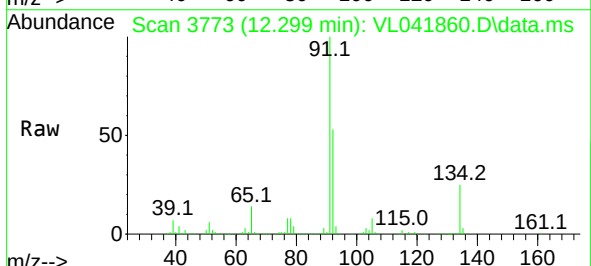
Tgt Ion:119 Resp: 22973
Ion Ratio Lower Upper
119 100
134 25.2 19.4 29.2
91 28.2 24.0 36.0

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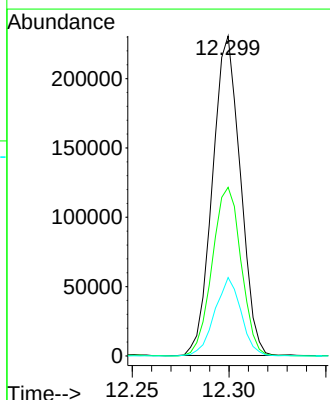
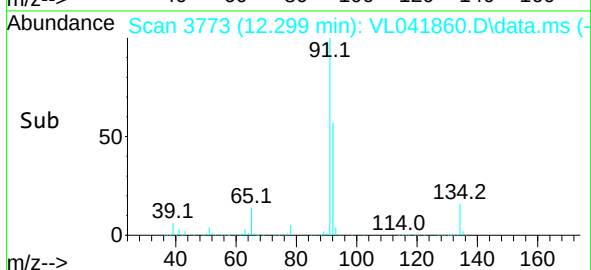
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

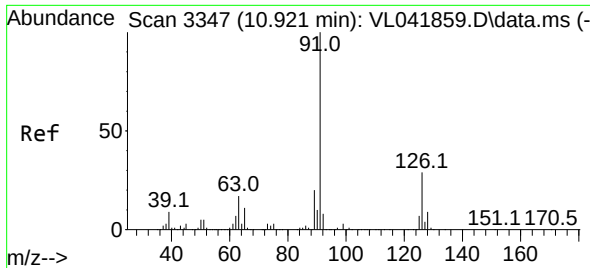


#70
n-Butylbenzene
Concen: 3.011 ppbv
RT: 12.299 min Scan# 3773
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



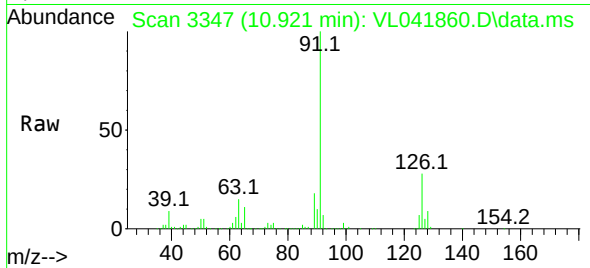
Tgt Ion: 91 Resp: 230497
Ion Ratio Lower Upper
91 100
92 54.9 42.8 64.2
134 23.5 17.8 26.6





#71
2-Chlorotoluene
Concen: 3.021 ppbv
RT: 10.921 min Scan# 3347
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

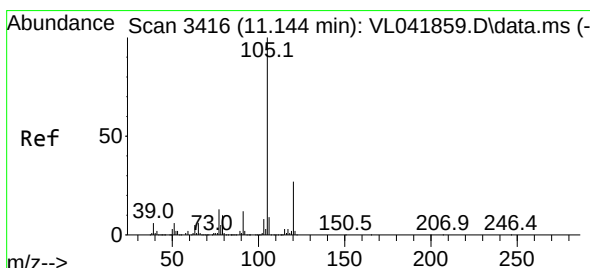
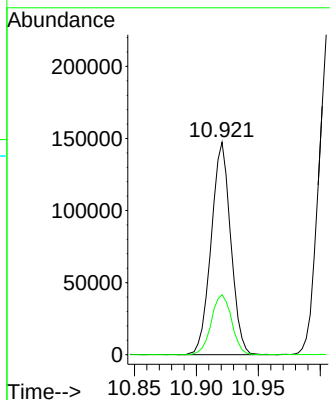
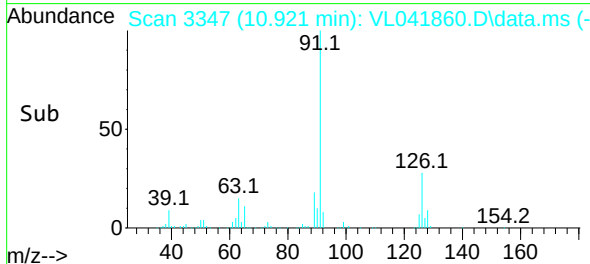
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



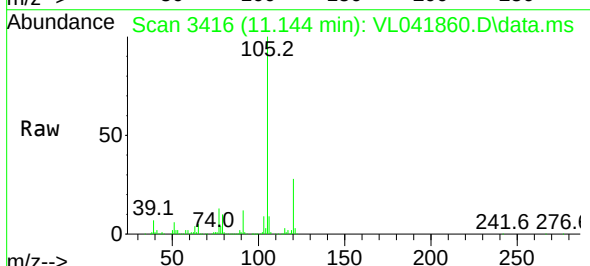
Tgt Ion: 91 Resp: 161864
Ion Ratio Lower Upper
91 100
126 29.4 11.6 46.6

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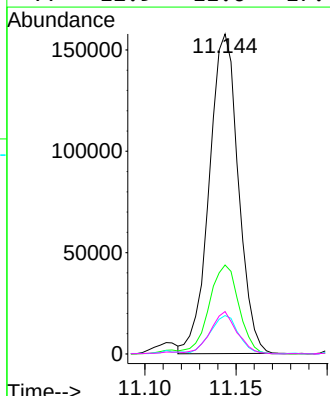
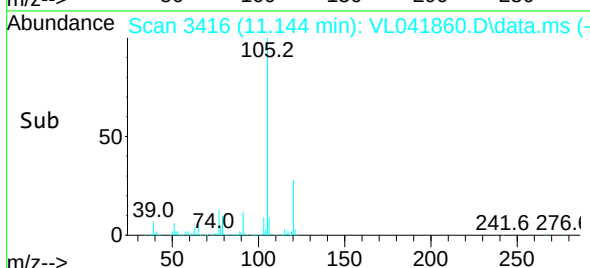
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

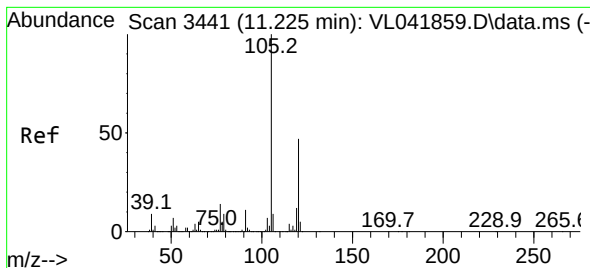


#72
4-Ethyltoluene
Concen: 3.083 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



Tgt Ion:105 Resp: 175142
Ion Ratio Lower Upper
105 100
120 29.3 23.4 35.2
91 12.4 10.8 16.2
77 12.9 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 2.953 ppbv

RT: 11.222 min Scan# 3441

Delta R.T. 0.003 min

Lab File: VL041860.D

Acq: 09 Jan 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 14692

Ion Ratio Lower Upper

105 100

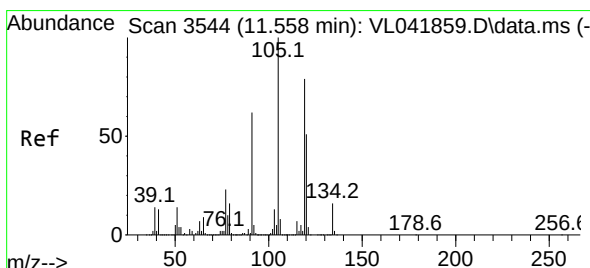
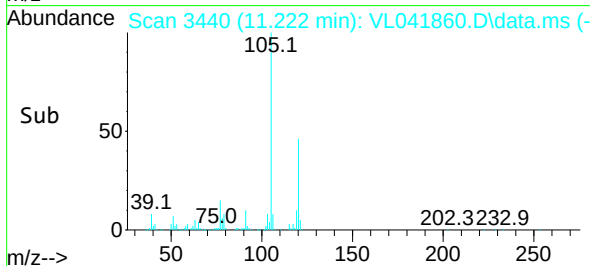
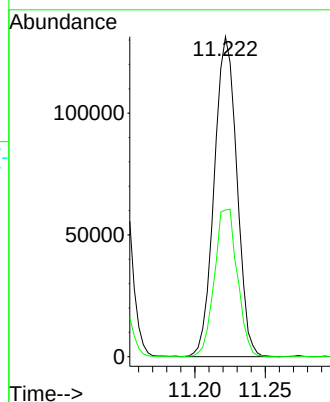
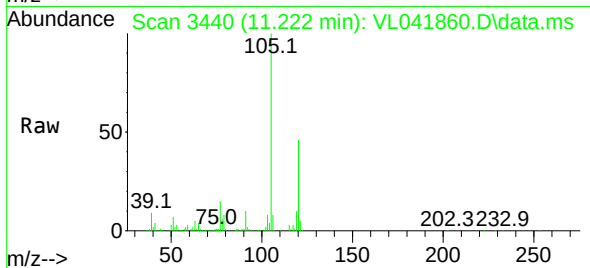
120 45.9 35.9 53.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2025

Supervised By :Semsettin Yesilyurt 01/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 2.845 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VL041860.D

Acq: 09 Jan 2025 11:52

Tgt Ion:105 Resp: 163980

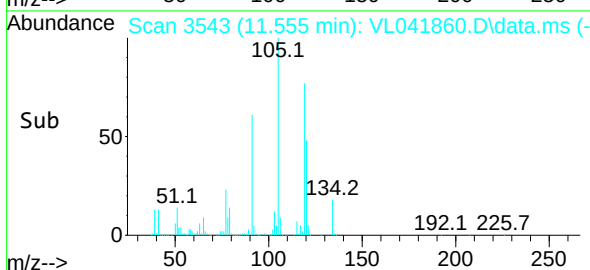
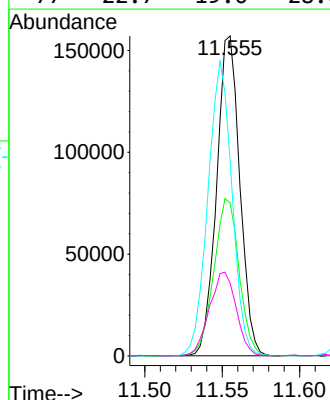
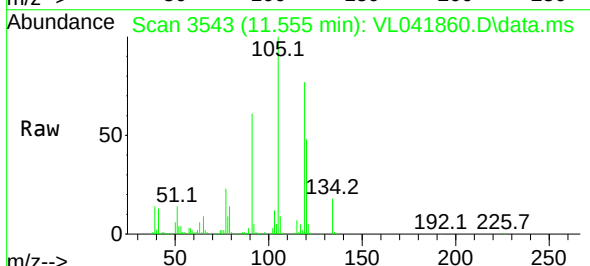
Ion Ratio Lower Upper

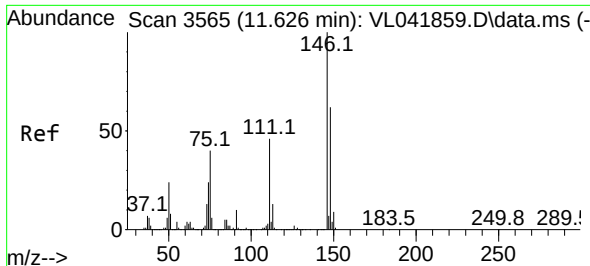
105 100

120 47.6 37.4 56.0

91 61.0 47.4 71.2

77 22.7 19.0 28.6





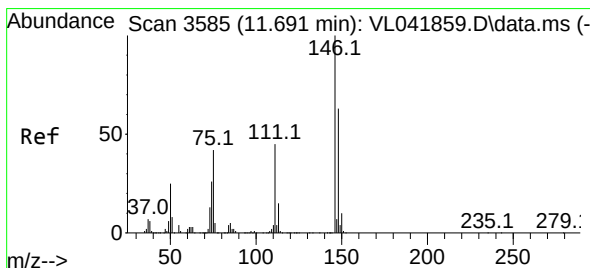
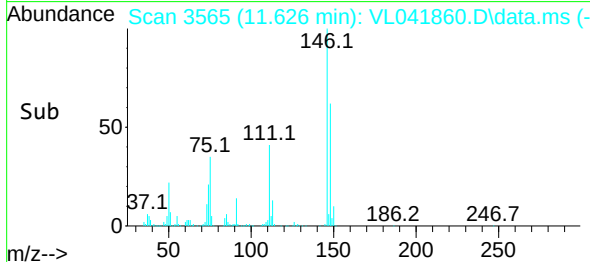
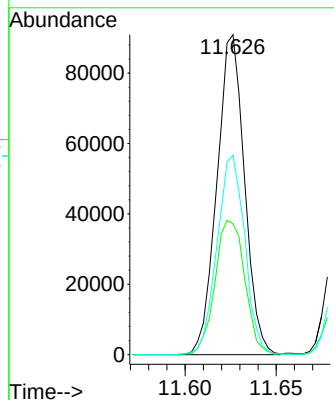
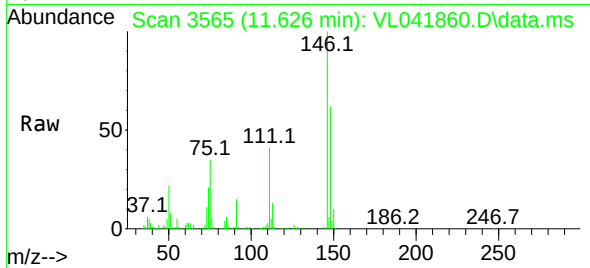
#75
1,3-Dichlorobenzene
Concen: 2.480 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

Tgt Ion:146 Resp: 95654
Ion Ratio Lower Upper
146 100
111 45.4 24.1 72.2
148 63.0 32.0 96.0

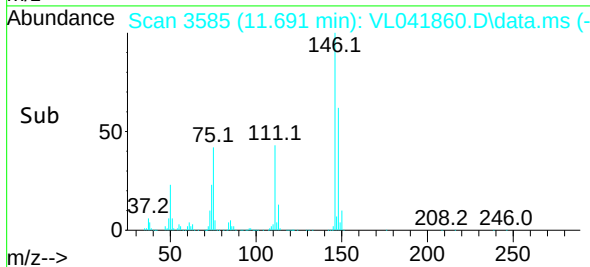
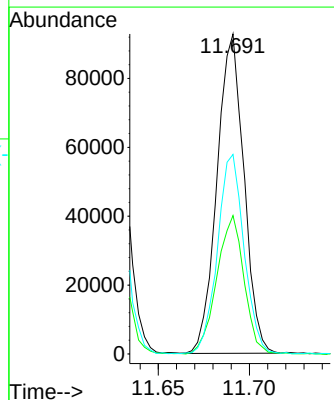
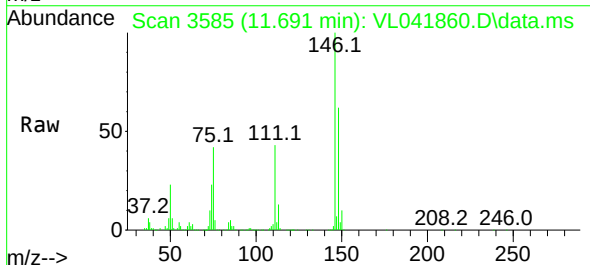
Manual Integrations
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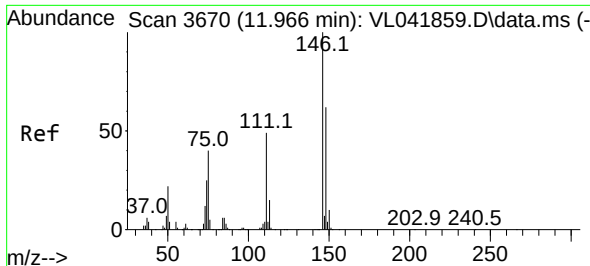
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025



#76
1,4-Dichlorobenzene
Concen: 2.564 ppbv
RT: 11.691 min Scan# 3585
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

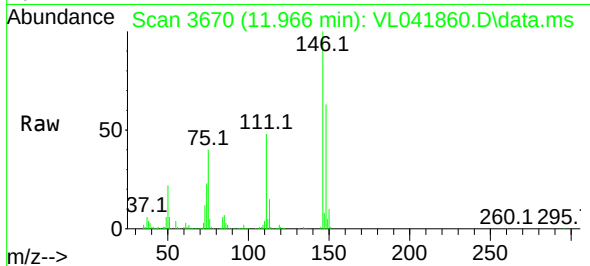
Tgt Ion:146 Resp: 95164
Ion Ratio Lower Upper
146 100
111 43.9 23.2 69.6
148 62.3 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 2.240 ppbv
RT: 11.966 min Scan# 3670
Delta R.T. 0.006 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

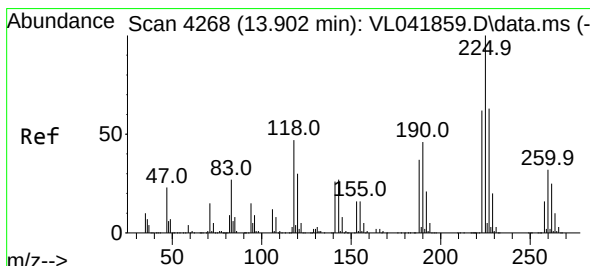
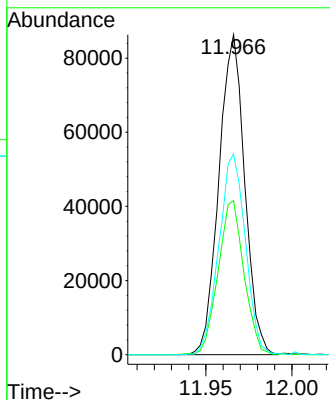
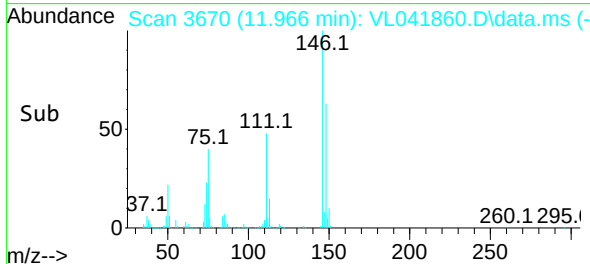
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002



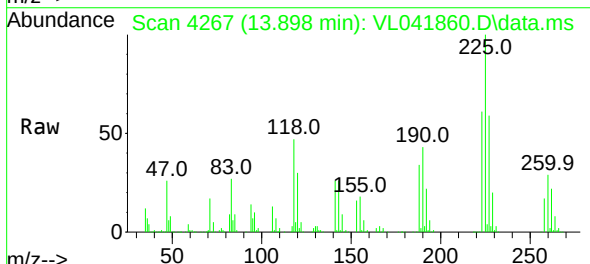
Tgt Ion:146 Resp: 9004
Ion Ratio Lower Upper
146 100
111 48.3 24.7 74.1
148 64.7 31.5 94.5

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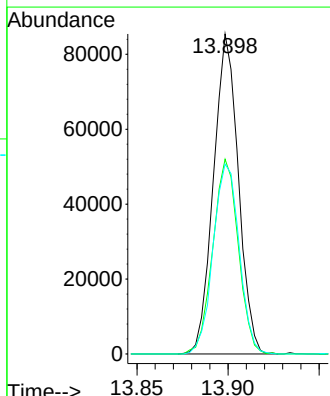
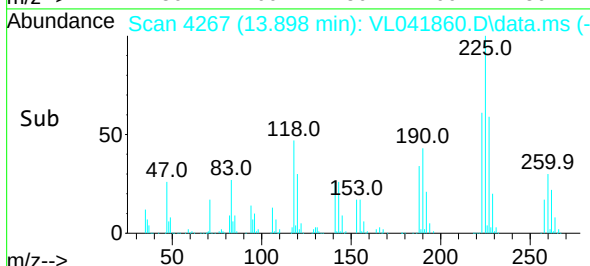
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

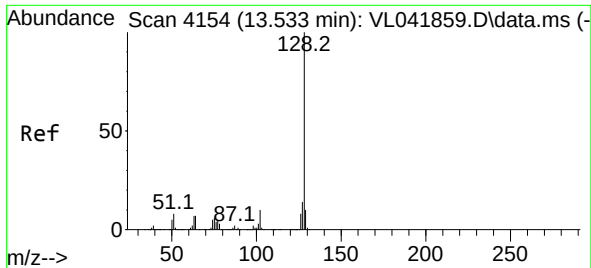


#78
Hexachloro-1,3-Butadiene
Concen: 2.839 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



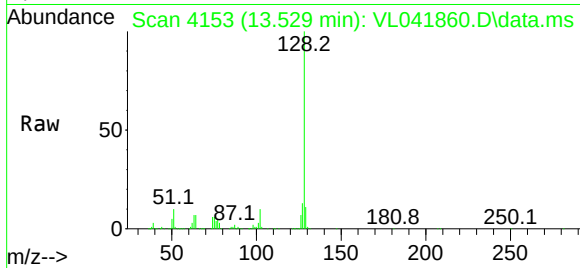
Tgt Ion:225 Resp: 81017
Ion Ratio Lower Upper
225 100
223 62.4 50.4 75.6
227 62.2 51.2 76.8





#79
Naphthalene
Concen: 4.280 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52

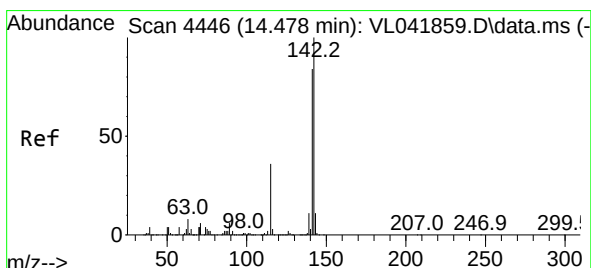
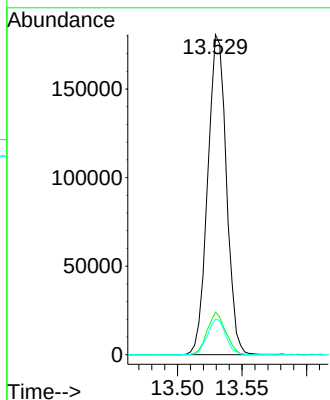
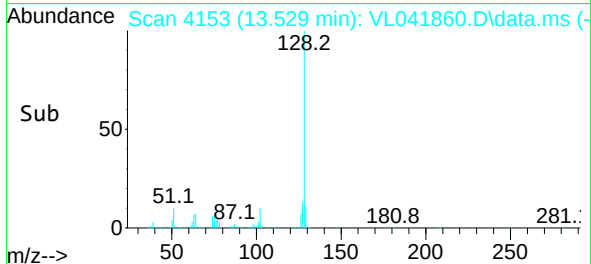
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



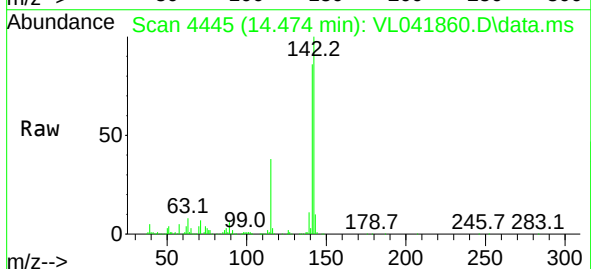
Tgt Ion:128 Resp: 18170
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.2 12.4

Manual Integrations
APPROVED

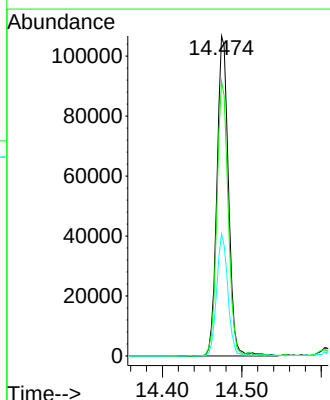
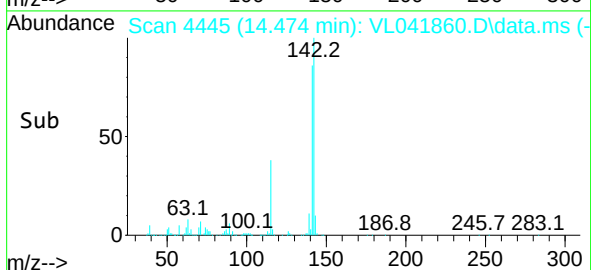
Reviewed By :Mahesh Dadoda 01/10/2025
Supervised By :Semsettin Yesilyurt 01/10/2025

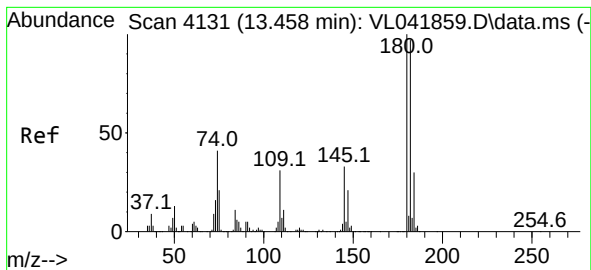


#80
Naphthalene,2-methyl-
Concen: 6.825 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.003 min
Lab File: VL041860.D
Acq: 09 Jan 2025 11:52



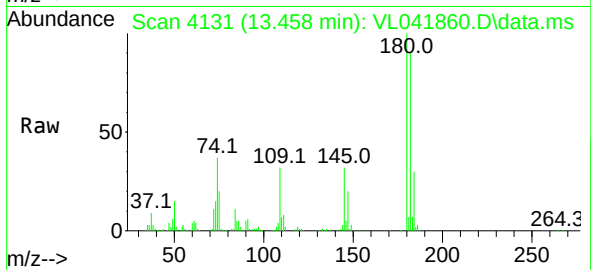
Tgt Ion:142 Resp: 107237
Ion Ratio Lower Upper
142 100
141 84.7 67.8 101.6
115 36.9 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 3.689 ppbv
 RT: 13.458 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041860.D
 Acq: 09 Jan 2025 11:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 8680
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.9 113.9
 184 30.5 24.8 37.2

Manual Integrations
 APPROVED

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

