

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
 Data File : VL043046.D
 Acq On : 06 Oct 2025 10:12
 Operator : SY/MD
 Sample : VL1006ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/08/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 07 01:33:20 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Oct 03 08:23:34 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.780	49	188357	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	537601	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	447189	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.367 95 338181 10.498 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	295209	9.299	ppbv	99
3) Chlorodifluoromethane	1.473	51	282563	9.201	ppbv	100
4) Chloromethane	1.531	50	106576	9.191	ppbv	97
5) Vinyl Chloride	1.576	62	101063	9.184	ppbv	99
6) Bromomethane	1.664	94	47460	9.598	ppbv	94
7) Chloroethane	1.703	64	42252	9.201	ppbv	96
8) Dichlorotetrafluoroethane	1.551	85	247037	9.497	ppbv	97
9) Propene	1.483	41	113498	9.166	ppbv	99
10) Heptane	4.965	43	320280	10.521	ppbv	100
11) Trichlorofluoromethane	1.874	101	302747	9.280	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.133	101	239211	9.310	ppbv	99
13) Ethanol	1.719	45	4927	9.710	ppbv	99
14) Bromoethene	1.777	108	87214	9.468	ppbv	99
15) Acetone	1.832	43	213544	8.097	ppbv	99
16) 1,3-Butadiene	1.606	39	99231	9.126	ppbv	99
17) tert-Butyl alcohol	2.033	59	260280	9.330	ppbv	100
18) 1,1-Dichloroethene	2.030	96	102725	9.120	ppbv	96
19) Isopropyl Alcohol	1.881	45	111933	8.858	ppbv	99
20) Methylene Chloride	2.059	84	90931	7.899	ppbv	98
21) Allyl Chloride	2.091	41	157109	9.299	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	117166	9.162	ppbv	98
23) Vinyl Acetate	2.457	43	42991	7.678	ppbv	99
24) 1,1-Dichloroethane	2.402	63	225170	9.289	ppbv	99
25) Ethyl Acetate	2.826	43	647632	9.789	ppbv	100
26) Hexane	2.819	57	258251	10.147	ppbv	100
27) Carbon Disulfide	2.146	76	283466	9.434	ppbv	99
28) Methyl tert-Butyl Ether	2.434	73	147013	9.230	ppbv	99
29) Chloroform	2.842	83	402053	9.266	ppbv	100
30) Cyclohexane	3.845	84	213947	10.230	ppbv	98
31) cis-1,2-Dichloroethene	2.712	61	247932	9.477	ppbv	95
32) 1,1,1-Trichloroethane	3.360	97	392565	9.309	ppbv	99
34) 2-Butanone	2.547	43	347648	9.530	ppbv	100
35) Carbon Tetrachloride	3.751	117	414732	9.377	ppbv	96
36) Benzene	3.648	78	513451	9.997	ppbv	99
37) 1,2-Dichloroethane	3.208	62	296234	9.738	ppbv	100
38) Trichloroethene	4.535	130	213507	9.979	ppbv	99
39) 1,2-Dichloropropane	4.302	63	185321	9.734	ppbv	96
40) 1,4-Dioxane	4.564	88	80157	9.816	ppbv #	96
41) Tetrahydrofuran	3.043	42	199341	10.573	ppbv	100
42) Bromodichloromethane	4.473	83	422079	9.826	ppbv	99
43) Methyl Methacrylate	4.862	69	185044	10.853	ppbv	99
44) 2,2,4-Trimethylpentane	4.625	57	871720	10.577	ppbv	99
45) t-1,3-Dichloropropene	6.399	75	157655	10.104	ppbv	97

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/08/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 07 01:33:20 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Oct 03 08:23:34 2025

Response via : Initial Calibration

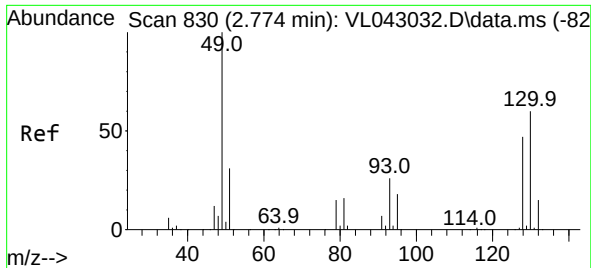
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.583	75	228082	10.375	ppbv	97
47) 1,1,2-Trichloroethane	6.561	97	201822	9.530	ppbv	96
48) Dibromochloromethane	7.373	129	341429	9.879	ppbv	100
49) Bromoform	9.474	173	279106	9.669	ppbv	100
50) 4-Methyl-2-Pentanone	5.726	43	489303	11.000	ppbv	98
51) 2-Hexanone	7.419	43	361924	11.431	ppbv #	97
52) Tetrachloroethene	8.215	164	178891	9.406	ppbv	100
53) Toluene	6.917	91	563494	10.867	ppbv	100
54) 1,2-Dibromoethane	7.639	107	248606	9.905	ppbv	92
56) 1,1,1,2-Tetrachloroethane	8.914	131	264054	9.687	ppbv	99
57) Chlorobenzene	8.911	112	456710	9.661	ppbv	99
58) Ethyl Benzene	9.344	91	767600	11.080	ppbv	98
59) m/p-Xylene	9.542	91	1275234m	21.824	ppbv	
60) o-Xylene	9.956	91	632243	10.862	ppbv	98
61) Styrene	9.862	104	275280	11.289	ppbv	99
62) Isopropylbenzene	10.532	105	945764	10.584	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.953	83	373448	8.943	ppbv	99
64) n-propylbenzene	10.982	120	246252	10.773	ppbv	99
65) tert-Butylbenzene	11.523	119	829195	10.427	ppbv	100
66) Benzyl Chloride	11.607	91	28281	9.305	ppbv	99
67) sec-Butylbenzene	11.759	105	1139275	10.266	ppbv	100
69) p-Isopropyltoluene	11.917	119	953493	10.562	ppbv	99
70) n-Butylbenzene	12.274	91	920477	10.590	ppbv	100
71) 2-Chlorotoluene	10.891	91	679459	10.507	ppbv	99
72) 4-Ethyltoluene	11.118	105	752627	10.863	ppbv	100
73) 1,3,5-Trimethylbenzene	11.196	105	630941	10.527	ppbv	100
74) 1,2,4-Trimethylbenzene	11.529	105	702152	10.380	ppbv	97
75) 1,3-Dichlorobenzene	11.600	146	409449	9.307	ppbv	99
76) 1,4-Dichlorobenzene	11.665	146	401258	9.565	ppbv	100
77) 1,2-Dichlorobenzene	11.940	146	389675	8.892	ppbv	99
78) Hexachloro-1,3-Butadiene	13.872	225	292520	9.580	ppbv	99
79) Naphthalene	13.503	128	548561	9.592	ppbv	99
80) Naphthalene,2-methyl-	14.449	142	207324	7.891	ppbv	99
81) 1,2,4-Trichlorobenzene	13.432	180	312207	11.975	ppbv	99

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

Manual Integrations

Quant Time: Oct 07 01:33:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration





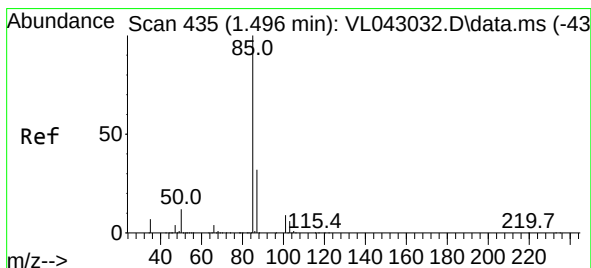
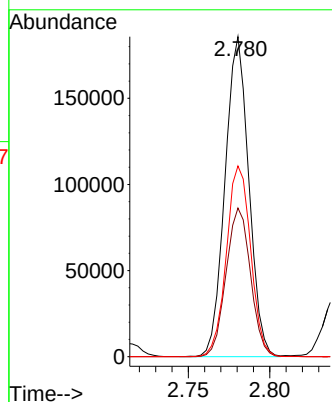
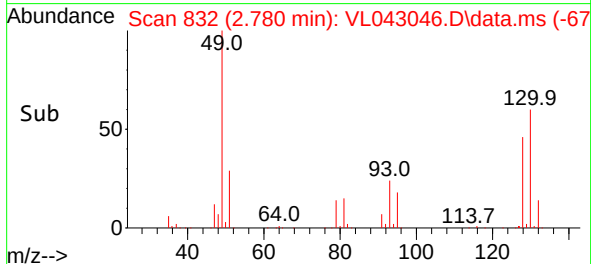
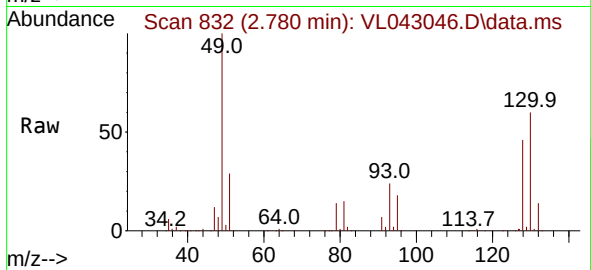
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

Tgt Ion: 49 Resp: 18835
Ion Ratio Lower Upper
49 100
128 47.7 24.1 72.2
130 60.8 31.4 94.3

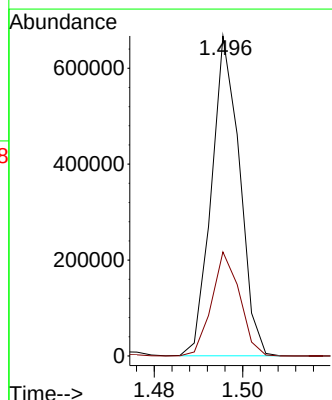
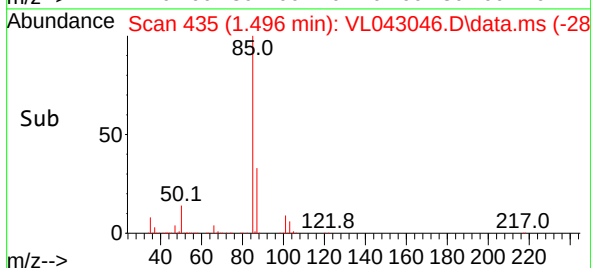
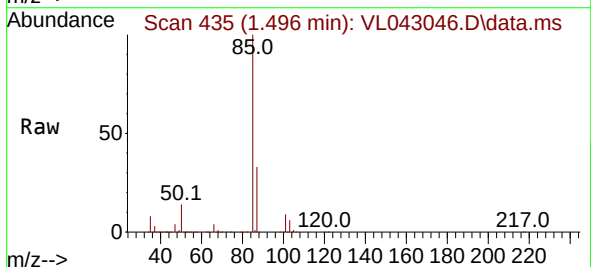
Manual Integrations
APPROVED

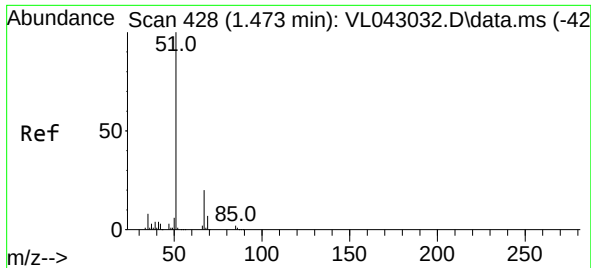
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#2
Dichlorodifluoromethane
Concen: 9.299 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

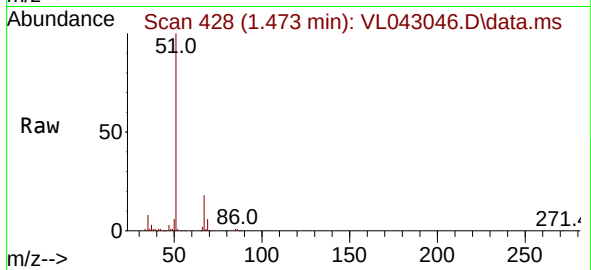
Tgt Ion: 85 Resp: 295209
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6





#3
Chlorodifluoromethane
Concen: 9.201 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

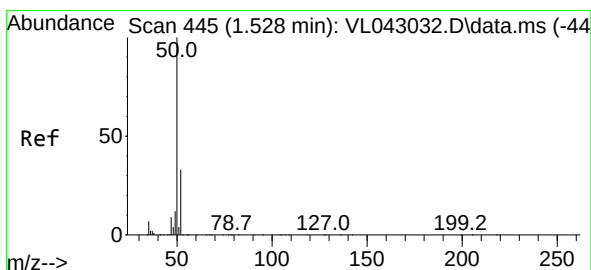
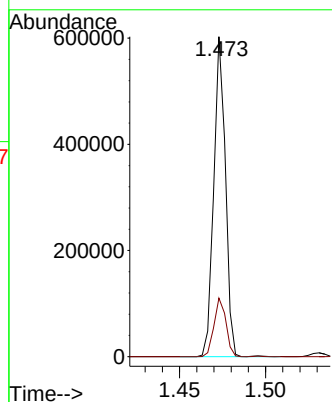
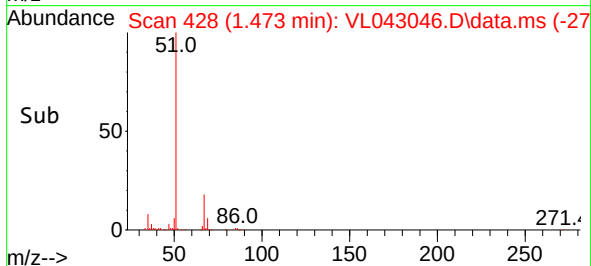
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



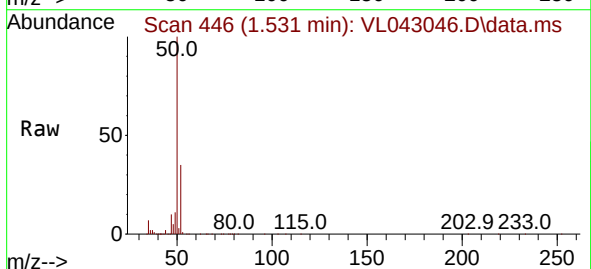
Tgt Ion: 51 Resp: 28256
Ion Ratio Lower Upper
51 100
67 18.9 15.1 22.7

Manual Integrations
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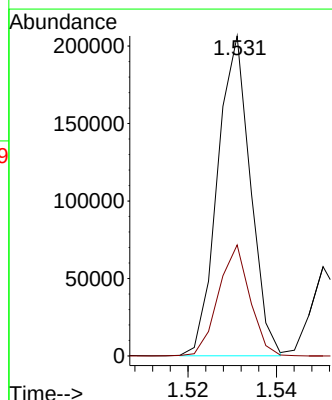
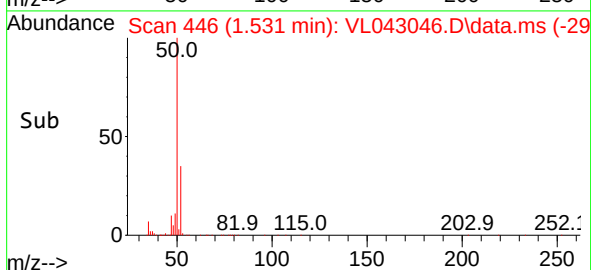
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

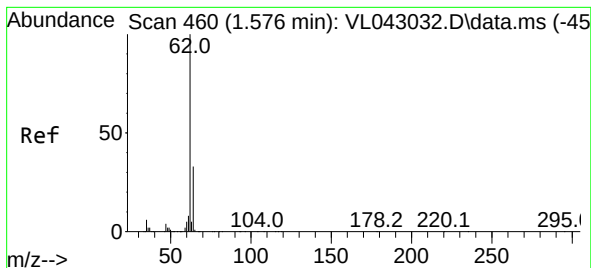


#4
Chloromethane
Concen: 9.191 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



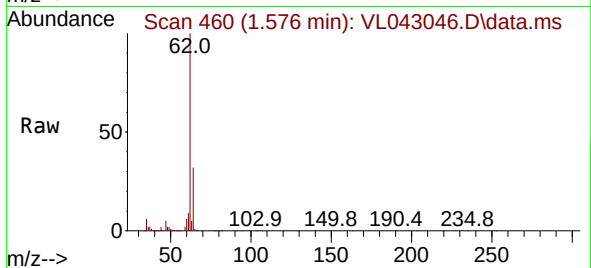
Tgt Ion: 50 Resp: 106576
Ion Ratio Lower Upper
50 100
52 34.6 26.2 39.2





#5
 Vinyl Chloride
 Concen: 9.184 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

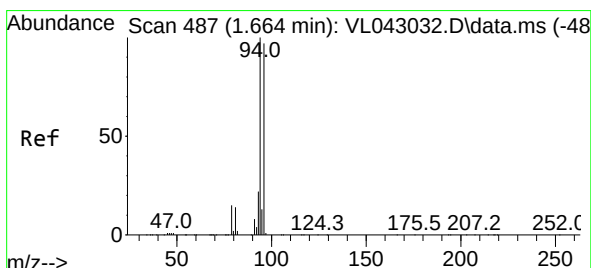
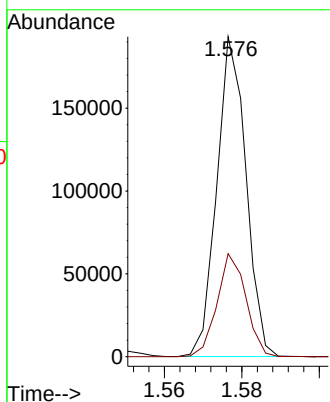
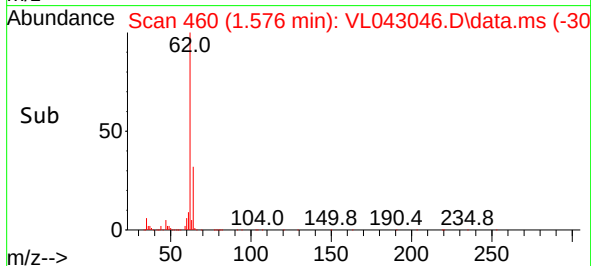
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01



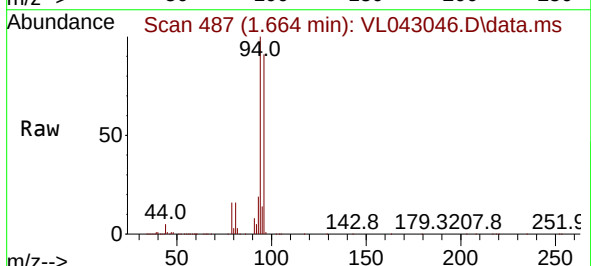
Tgt Ion: 62 Resp: 101063
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.2 39.2

Manual Integrations
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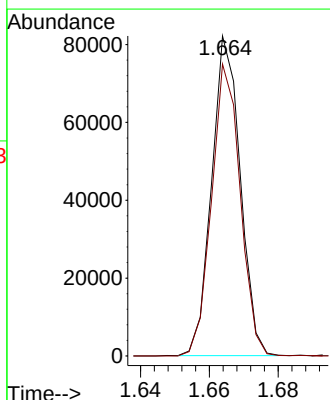
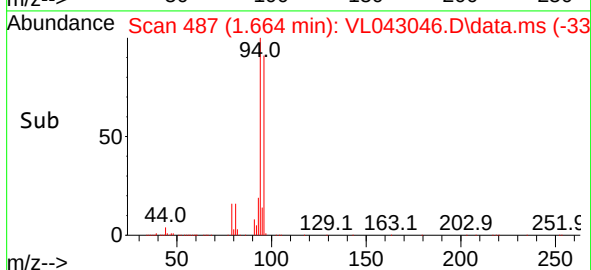
Reviewed By :Semsettin Yesilyurt 10/08/2025
 Supervised By :Mahesh Dadoda 10/10/2025

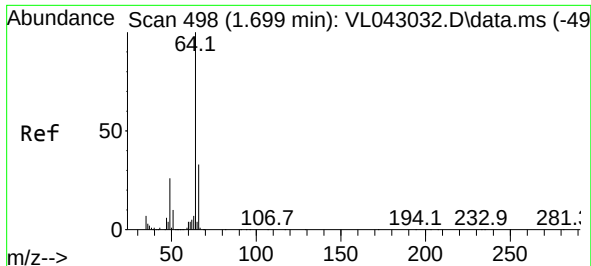


#6
 Bromomethane
 Concen: 9.598 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.000 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12



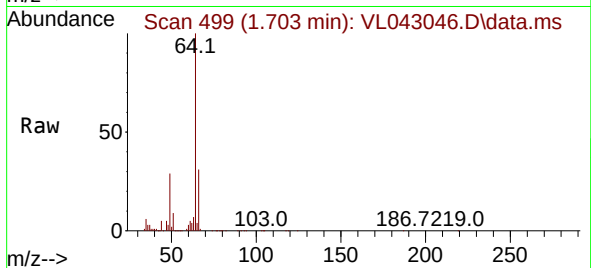
Tgt Ion: 94 Resp: 47460
 Ion Ratio Lower Upper
 94 100
 96 91.3 77.6 116.4





#7
Chloroethane
Concen: 9.201 ppbv
RT: 1.703 min Scan# 498
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

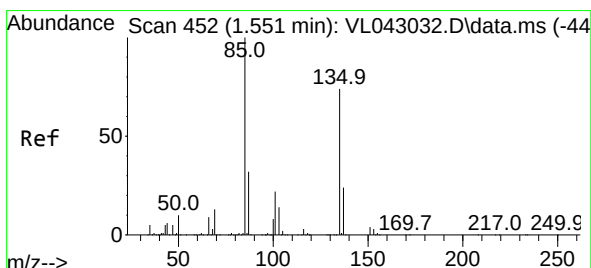
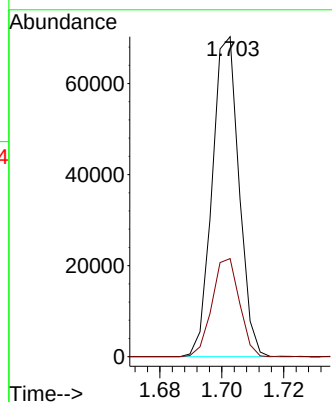
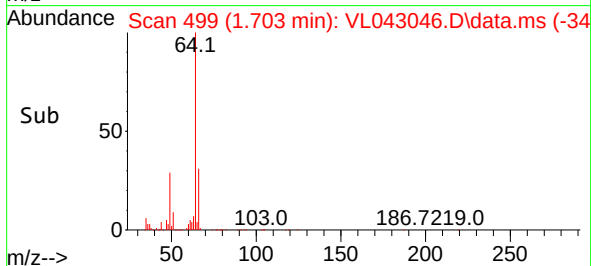
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



Tgt Ion: 64 Resp: 42252
Ion Ratio Lower Upper
64 100
66 30.7 26.6 39.8

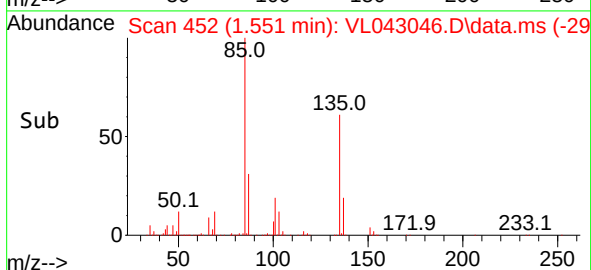
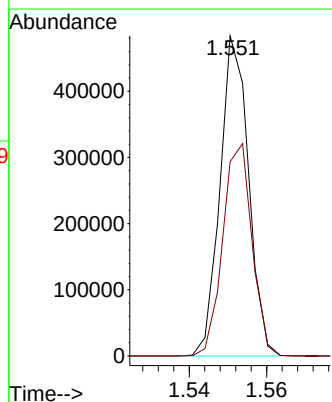
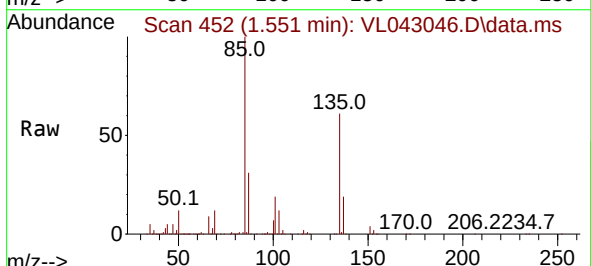
Manual Integrations
APPROVED

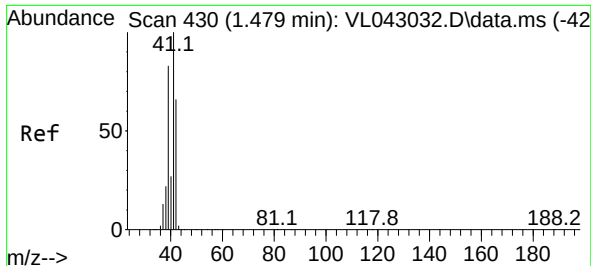
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#8
Dichlorotetrafluoroethane
Concen: 9.497 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

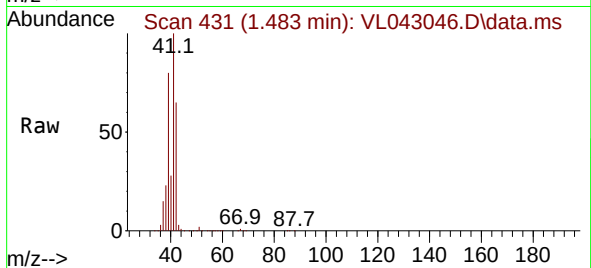
Tgt Ion: 85 Resp: 247037
Ion Ratio Lower Upper
85 100
135 68.2 56.3 84.5





#9
 Propene
 Concen: 9.166 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

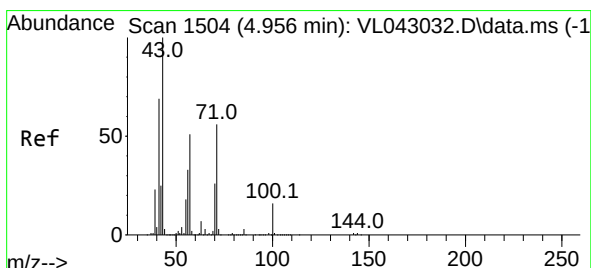
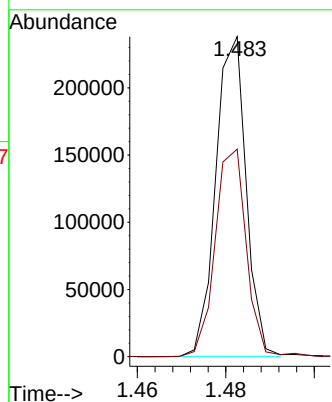
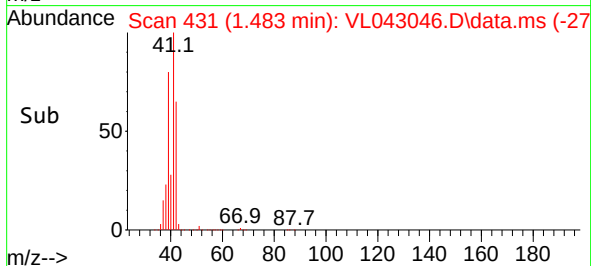
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01



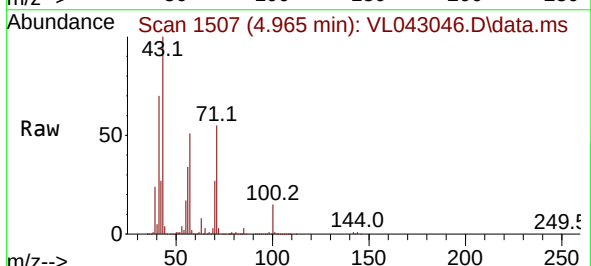
Tgt Ion: 41 Resp: 113498
 Ion Ratio Lower Upper
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 42 67.5 53.3 79.9

Manual Integrations
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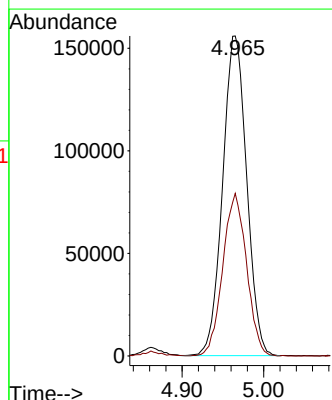
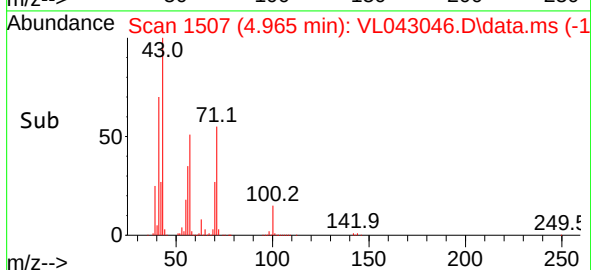
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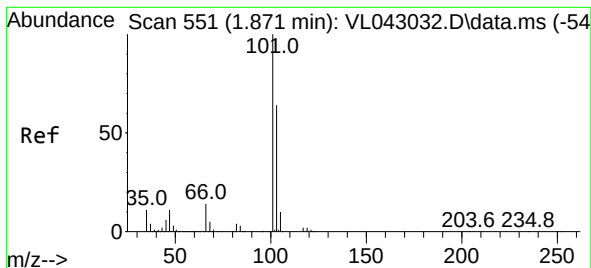


#10
 Heptane
 Concen: 10.521 ppbv
 RT: 4.965 min Scan# 1507
 Delta R.T. 0.010 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12



Tgt Ion: 43 Resp: 320280
 Ion Ratio Lower Upper
 43 100
 57 50.3 40.3 60.5





#11

Trichlorofluoromethane

Concen: 9.280 ppbv

RT: 1.874 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL1006ABS01

Tgt Ion:101 Resp: 30274

Ion Ratio Lower Upper

101 100

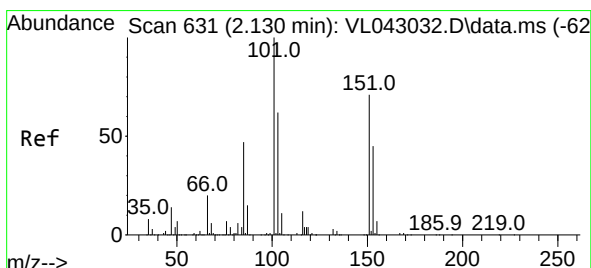
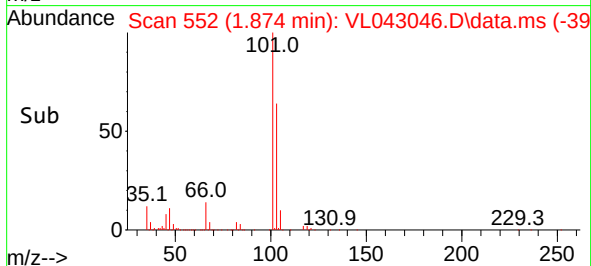
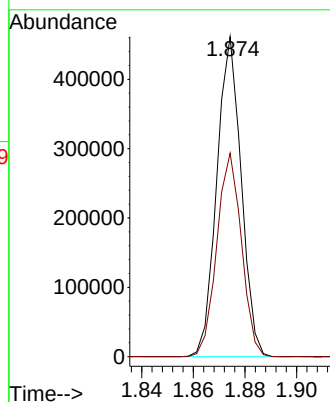
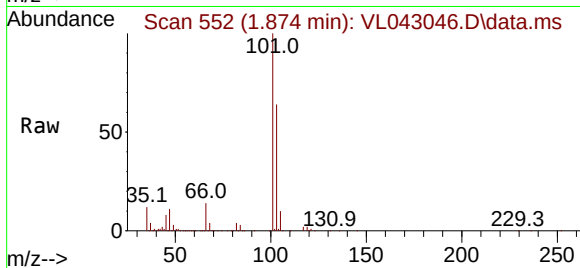
103 63.6 51.1 76.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/08/2025

Supervised By :Mahesh Dadoda 10/10/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.310 ppbv

RT: 2.133 min Scan# 632

Delta R.T. 0.003 min

Lab File: VL043046.D

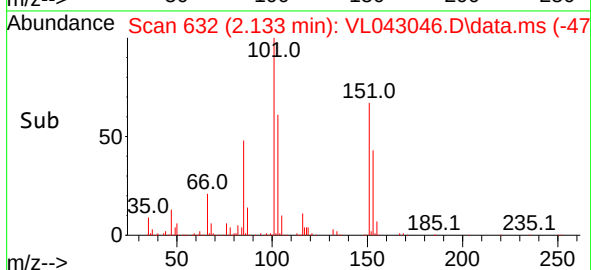
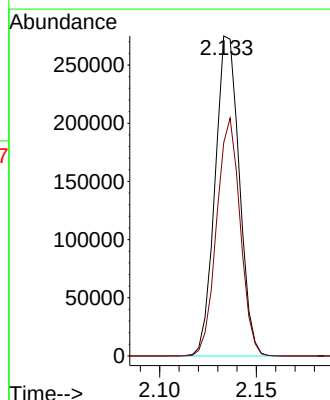
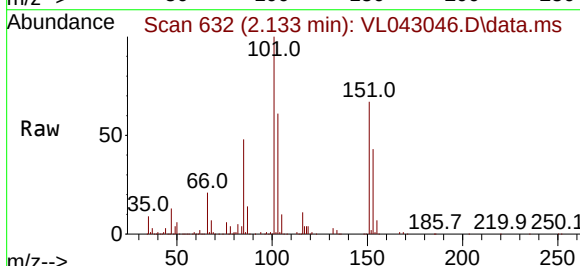
Acq: 06 Oct 2025 10:12

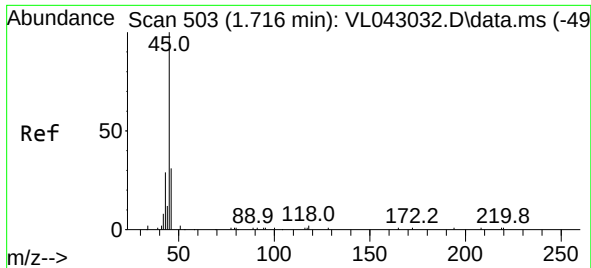
Tgt Ion:101 Resp: 239211

Ion Ratio Lower Upper

101 100

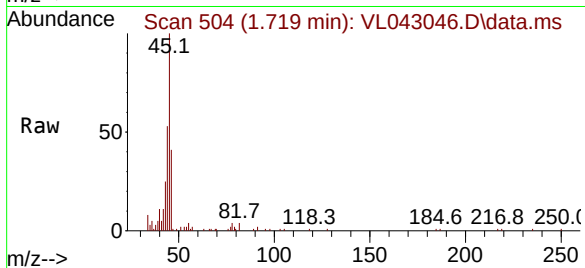
151 72.2 58.1 87.1





#13
Ethanol
Concen: 9.710 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

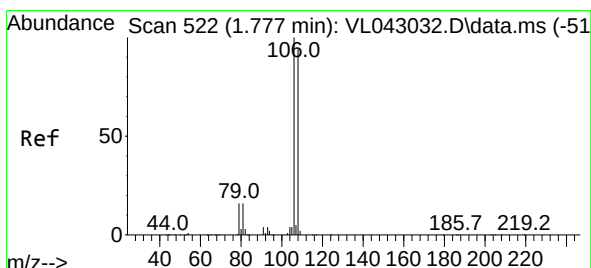
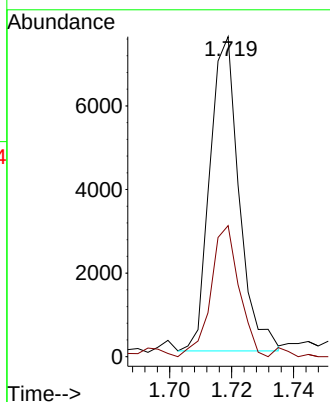
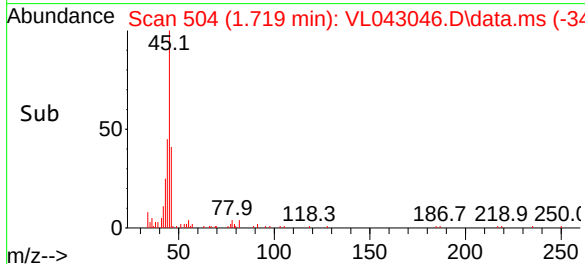
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



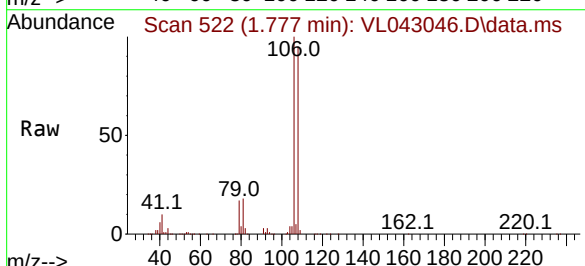
Tgt Ion: 45 Resp: 492
Ion Ratio Lower Upper
45 100
46 44.1 17.8 71.4

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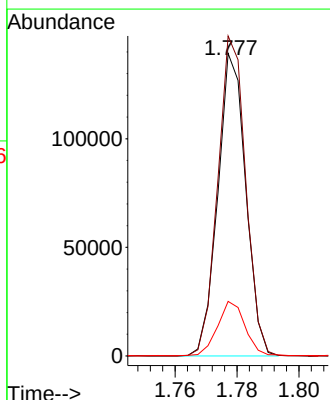
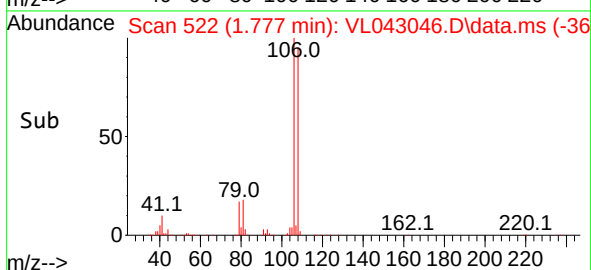
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

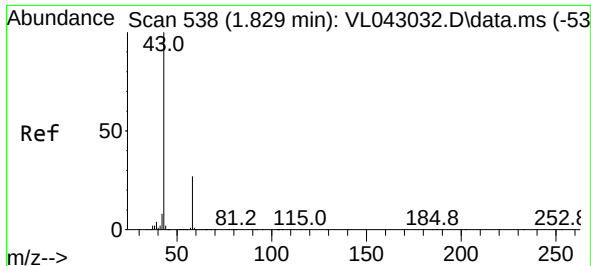


#14
Bromoethene
Concen: 9.468 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



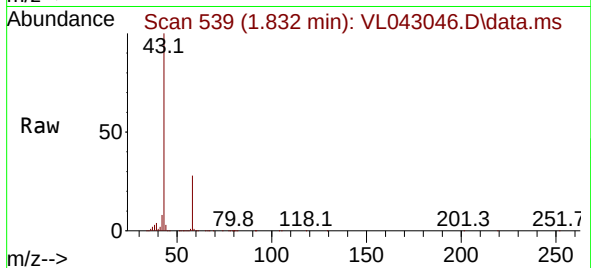
Tgt Ion:108 Resp: 87214
Ion Ratio Lower Upper
108 100
106 105.5 85.2 127.8
79 18.2 14.8 22.2





#15
Acetone
Concen: 8.097 ppbv
RT: 1.832 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

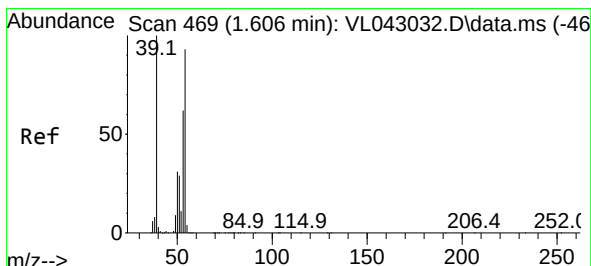
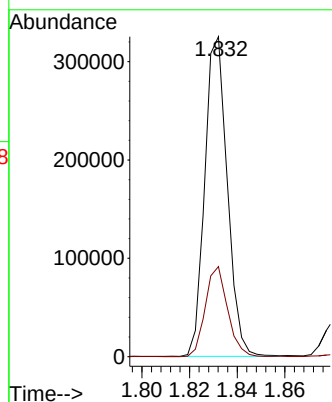
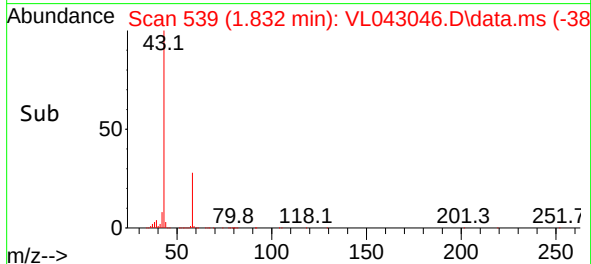
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



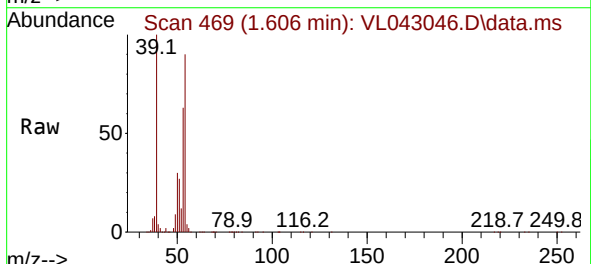
Tgt Ion: 43 Resp: 213544
Ion Ratio Lower Upper
43 100
58 28.1 22.2 33.4

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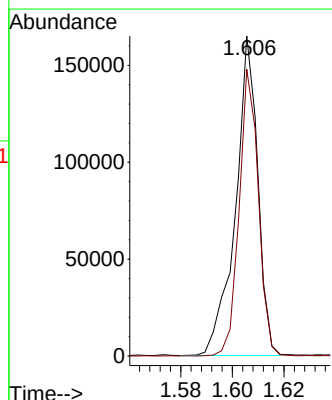
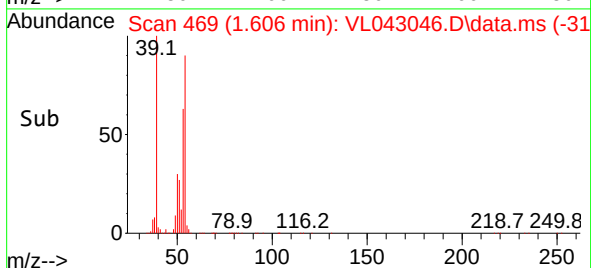
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

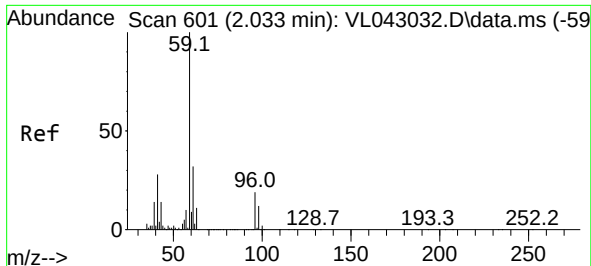


#16
1,3-Butadiene
Concen: 9.126 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



Tgt Ion: 39 Resp: 99231
Ion Ratio Lower Upper
39 100
54 77.2 61.4 92.2





#17

tert-Butyl alcohol

Concen: 9.330 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.000 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL1006ABS01

Tgt Ion: 59 Resp: 260280

Ion Ratio Lower Upper

59 100

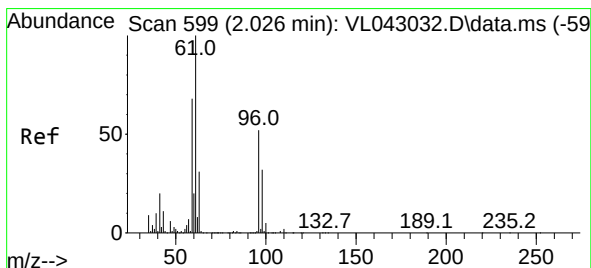
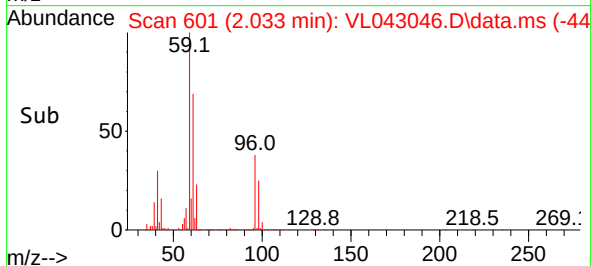
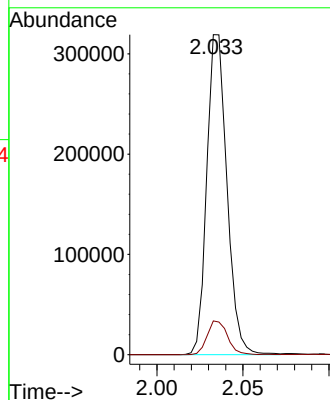
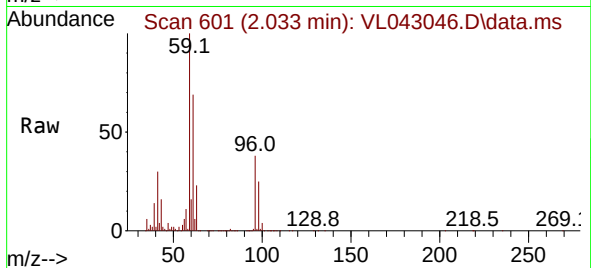
57 10.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/08/2025

Supervised By :Mahesh Dadoda 10/10/2025



#18

1,1-Dichloroethene

Concen: 9.120 ppbv

RT: 2.030 min Scan# 600

Delta R.T. 0.003 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

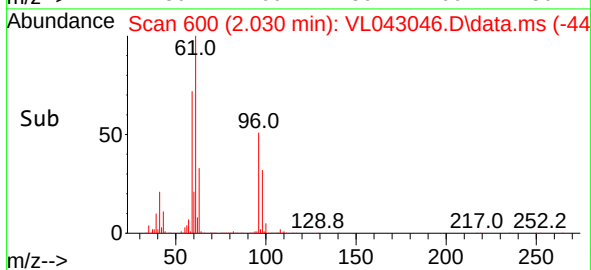
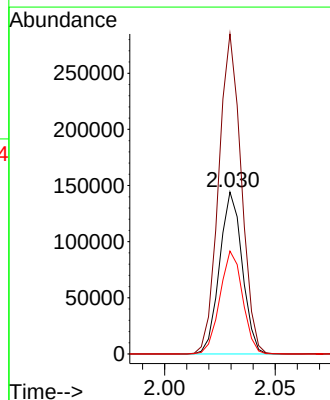
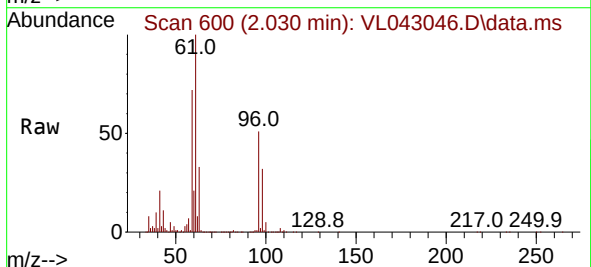
Tgt Ion: 96 Resp: 102725

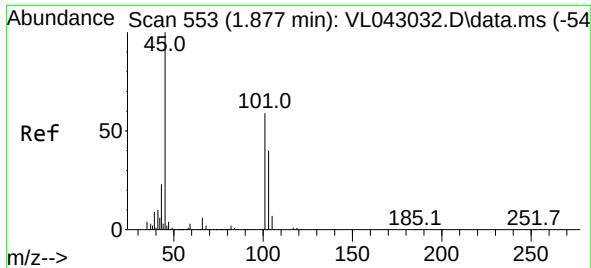
Ion Ratio Lower Upper

96 100

61 197.6 153.0 229.6

98 63.6 48.8 73.2





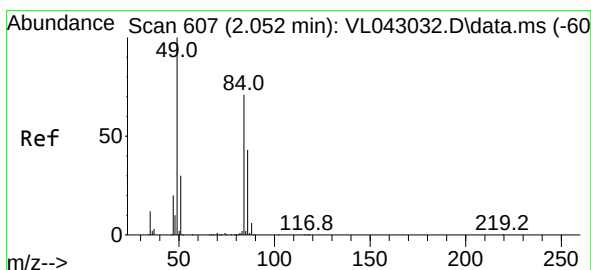
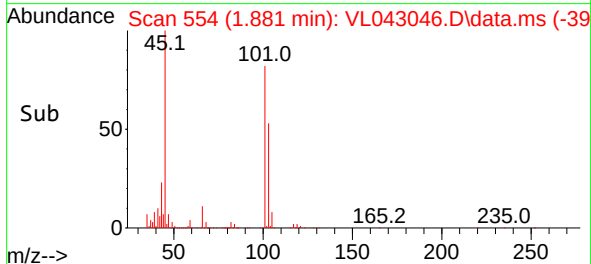
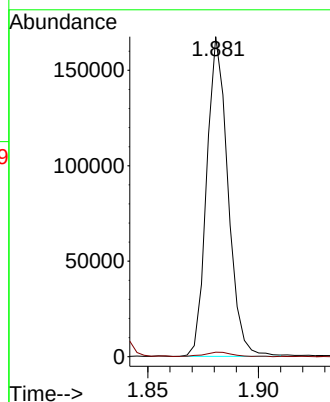
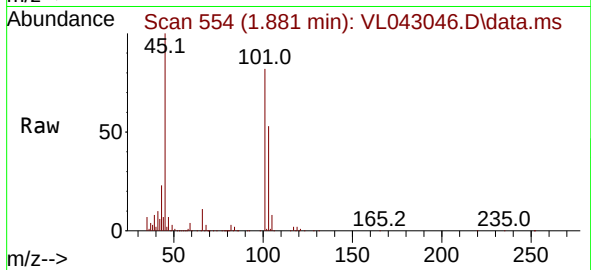
#19
Isopropyl Alcohol
Concen: 8.858 ppbv
RT: 1.881 min Scan# 554
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

Tgt Ion: 45 Resp: 11193
Ion Ratio Lower Upper
45 100
58 53.7 42.3 63.5

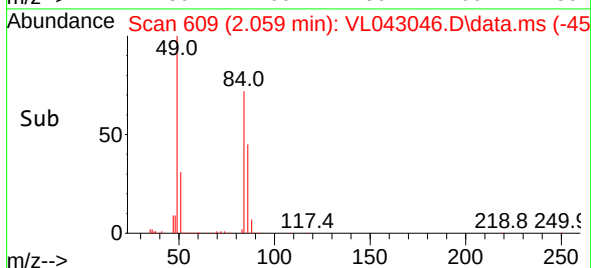
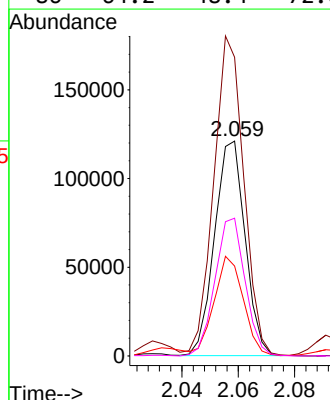
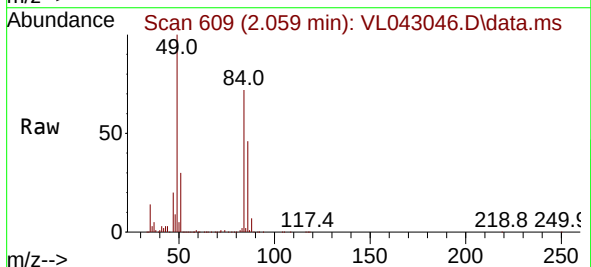
Manual Integrations
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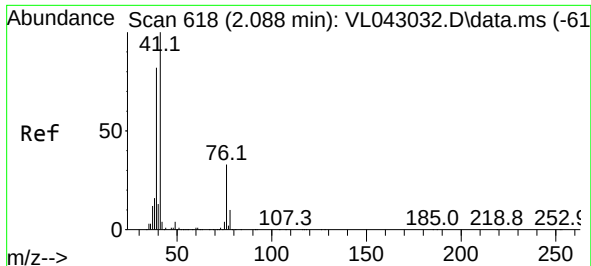
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Methylene Chloride
Concen: 7.899 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 84 Resp: 90931
Ion Ratio Lower Upper
84 100
49 138.7 112.5 168.7
51 41.7 34.2 51.2
86 64.2 48.4 72.6





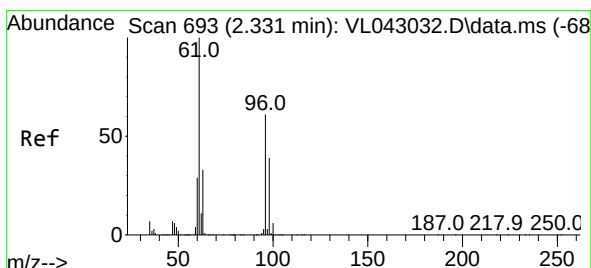
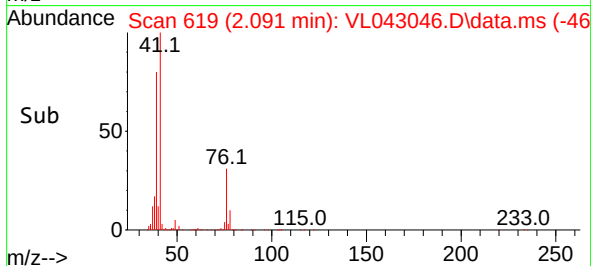
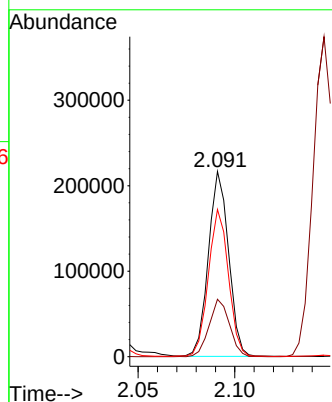
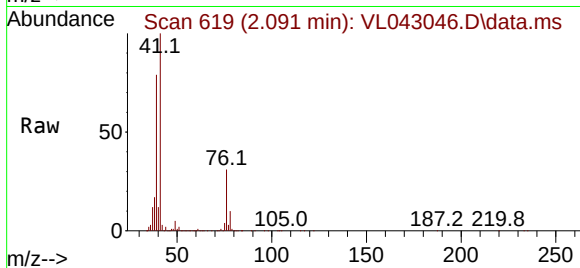
#21
 Allyl Chloride
 Concen: 9.299 ppbv
 RT: 2.091 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01

Tgt Ion: 41 Resp: 157109
 Ion Ratio Lower Upper
 41 100
 76 31.2 25.9 38.9
 39 78.7 63.0 94.4

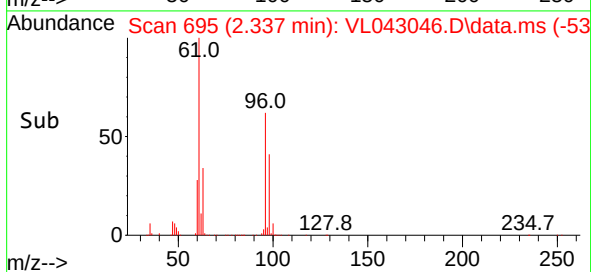
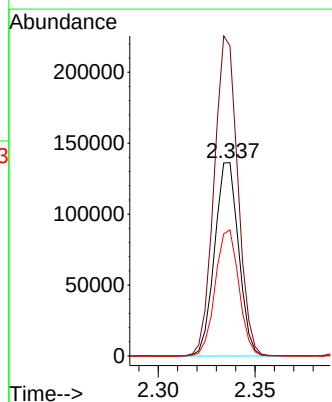
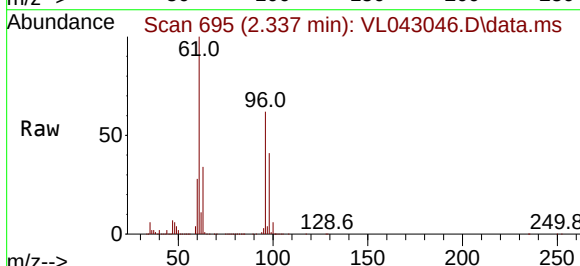
Manual Integrations
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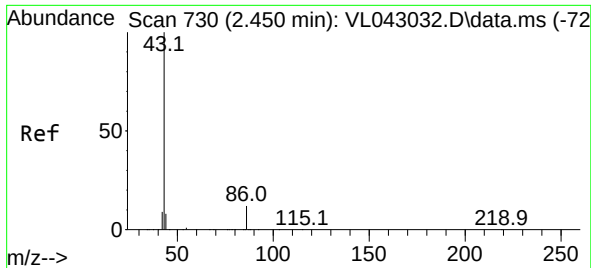
Reviewed By :Semsettin Yesilyurt 10/08/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.162 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

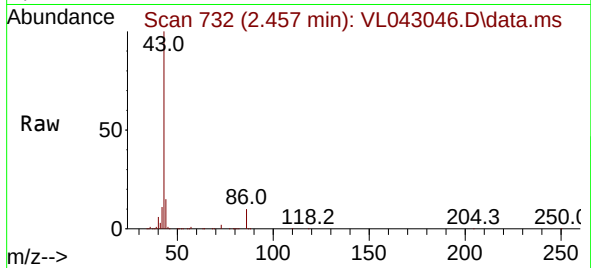
Tgt Ion: 96 Resp: 117166
 Ion Ratio Lower Upper
 96 100
 61 160.4 131.9 197.9
 98 65.2 52.1 78.1





#23
 Vinyl Acetate
 Concen: 7.678 ppbv
 RT: 2.457 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

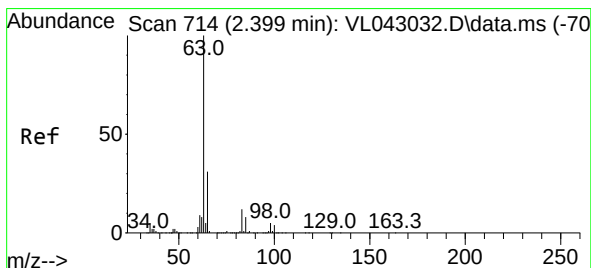
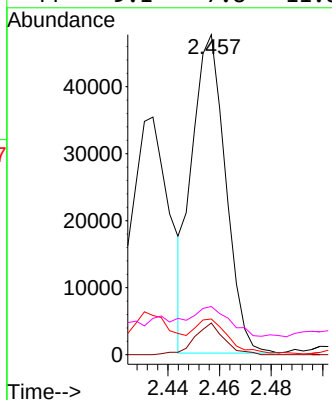
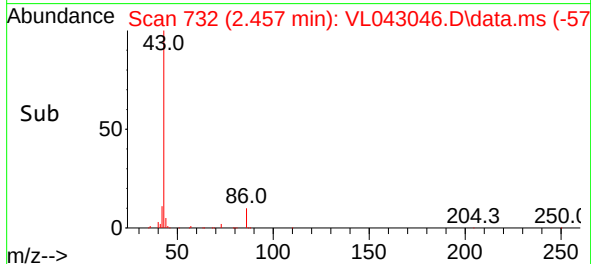
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1006ABS01



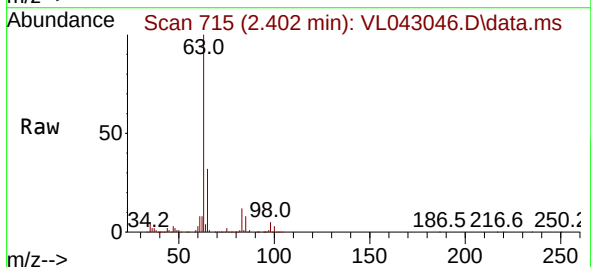
Tgt Ion: 43 Resp: 4299
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.5 11.3
 42 10.5 8.4 12.6
 44 9.1 7.8 11.8

Manual Integrations
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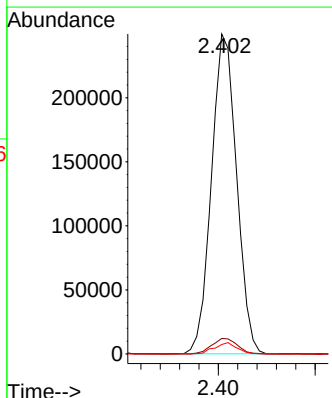
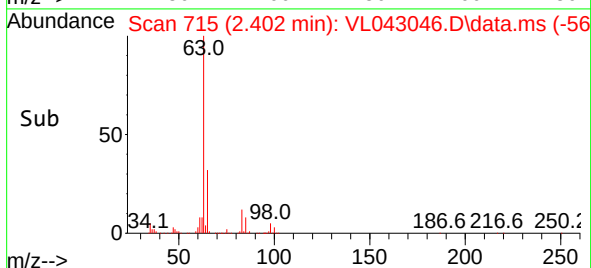
Reviewed By :Semsettin Yesilyurt 10/08/2025
 Supervised By :Mahesh Dadoda 10/10/2025

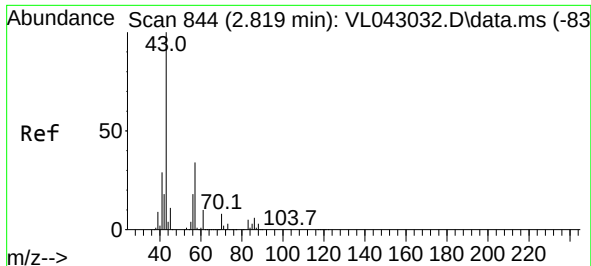


#24
 1,1-Dichloroethane
 Concen: 9.289 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12



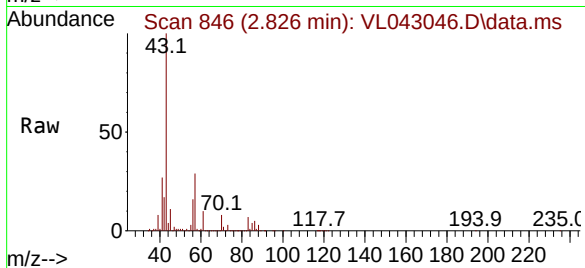
Tgt Ion: 63 Resp: 225170
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.5 7.4
 100 3.0 1.8 5.4





#25
Ethyl Acetate
Concen: 9.789 ppbv
RT: 2.826 min Scan# 844
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

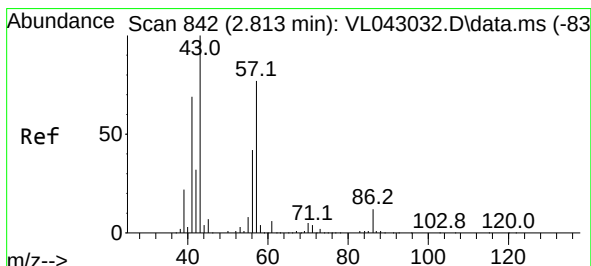
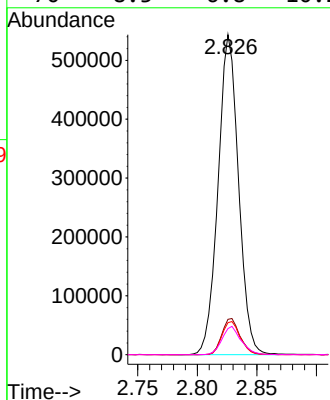
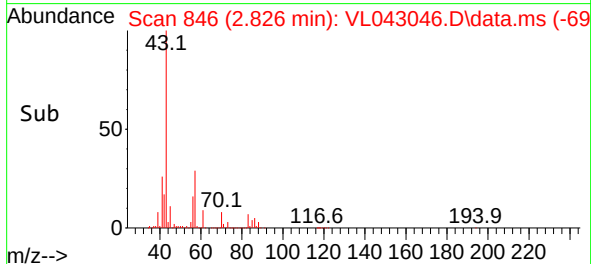
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



Tgt Ion: 43 Resp: 647632
Ion Ratio Lower Upper
43 100
45 10.2 8.3 12.5
61 9.3 7.5 11.3
70 8.3 6.8 10.2

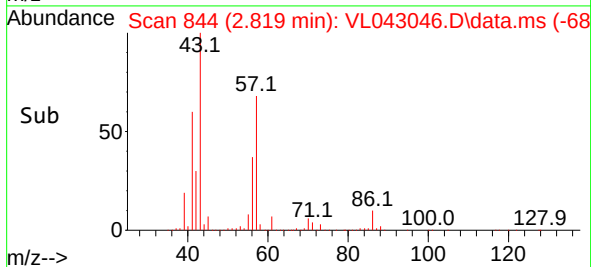
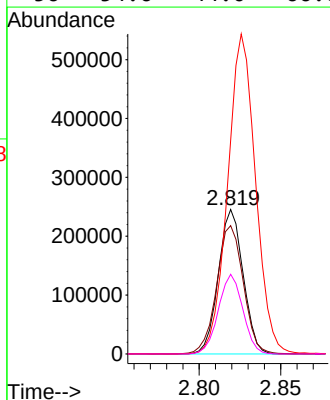
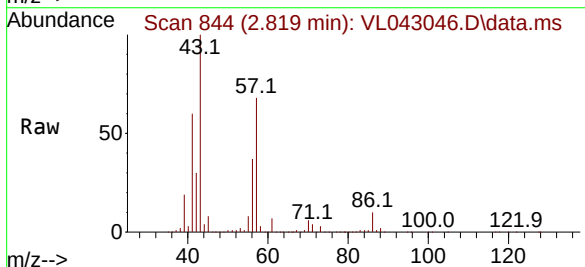
Manual Integrations
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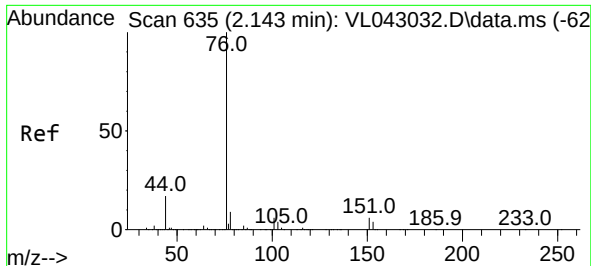
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#26
Hexane
Concen: 10.147 ppbv
RT: 2.819 min Scan# 844
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

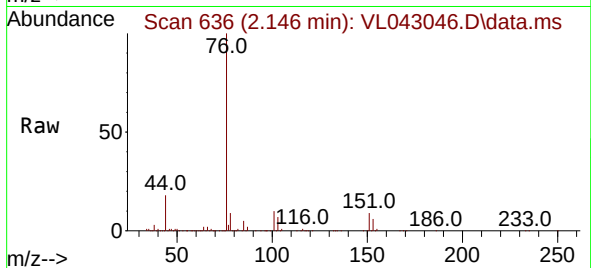
Tgt Ion: 57 Resp: 258251
Ion Ratio Lower Upper
57 100
41 95.9 76.1 114.1
43 251.6 201.4 302.0
56 54.6 44.0 66.0





#27
Carbon Disulfide
Concen: 9.434 ppbv
RT: 2.146 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

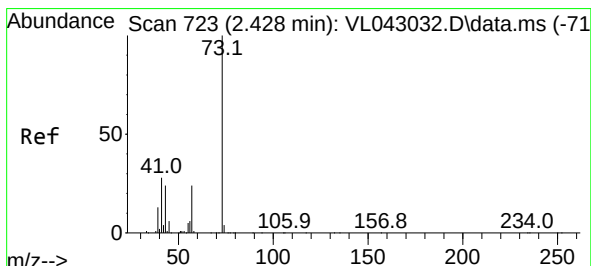
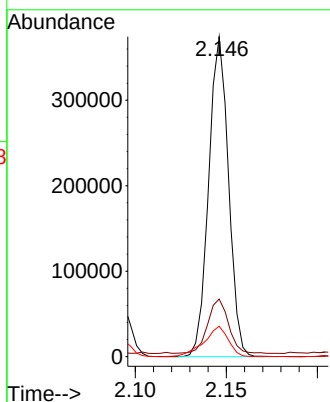
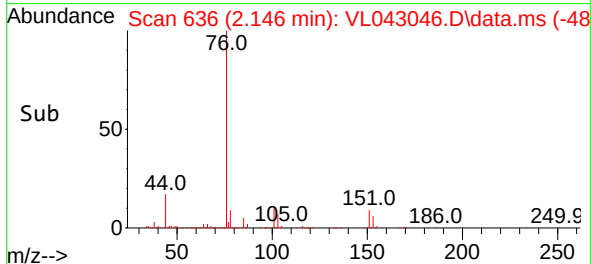
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



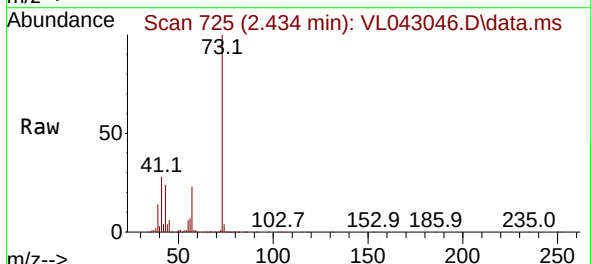
Tgt Ion: 76 Resp: 283460
Ion Ratio Lower Upper
76 100
44 18.0 14.0 21.0
78 11.6 9.4 14.0

Manual Integrations
APPROVED

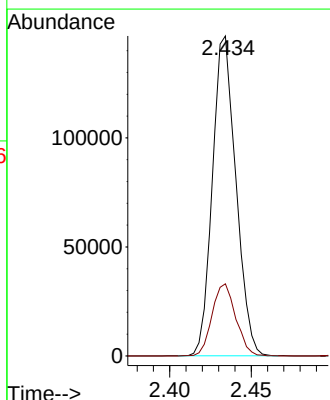
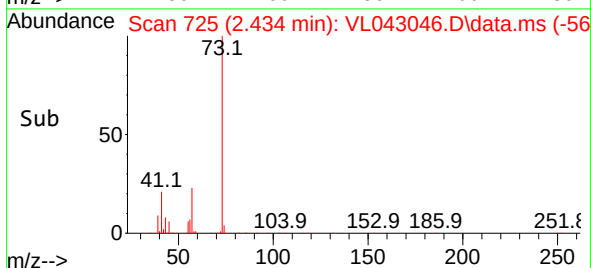
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

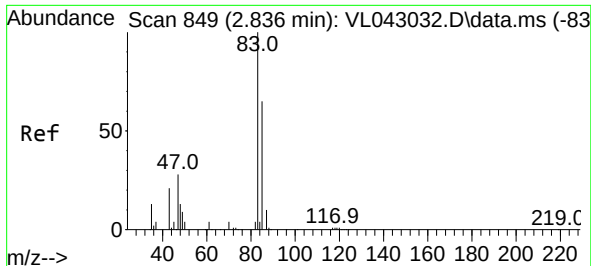


#28
Methyl tert-Butyl Ether
Concen: 9.230 ppbv
RT: 2.434 min Scan# 725
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



Tgt Ion: 73 Resp: 147013
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8





#29

Chloroform

Concen: 9.266 ppbv

RT: 2.842 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL1006ABS01

Tgt Ion: 83 Resp: 40205

Ion Ratio Lower Upper

83 100

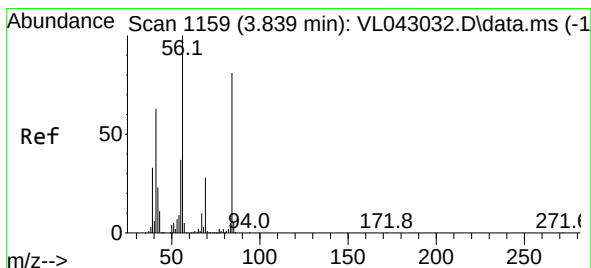
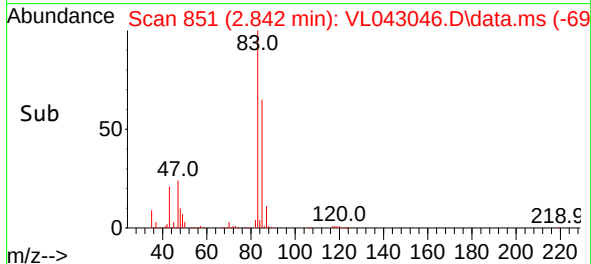
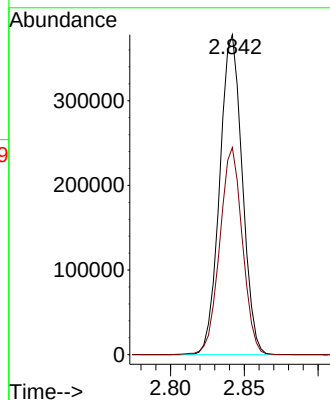
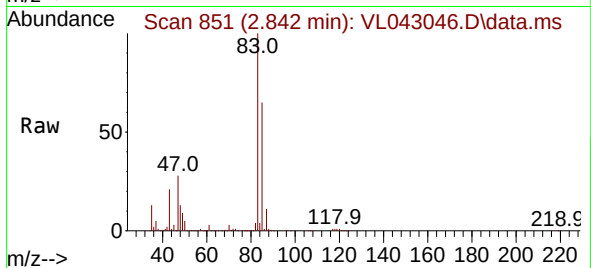
85 64.7 52.0 78.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/08/2025

Supervised By :Mahesh Dadoda 10/10/2025



#30

Cyclohexane

Concen: 10.230 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

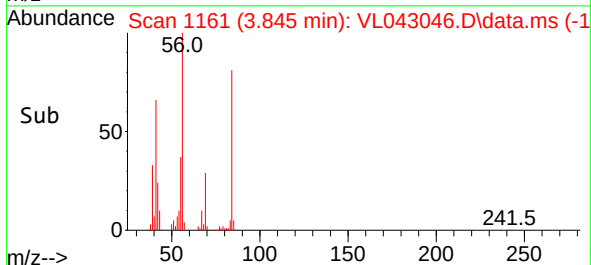
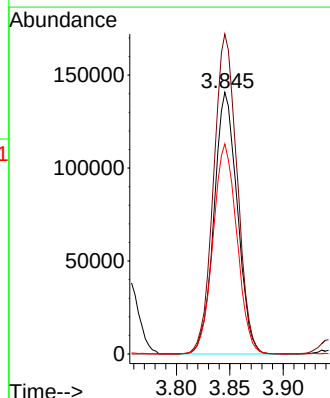
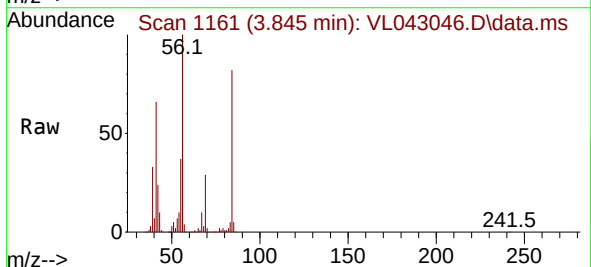
Tgt Ion: 84 Resp: 213947

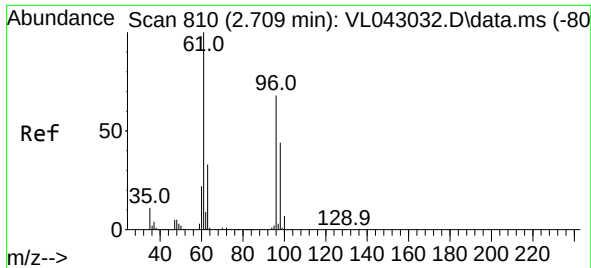
Ion Ratio Lower Upper

84 100

56 123.1 99.9 149.9

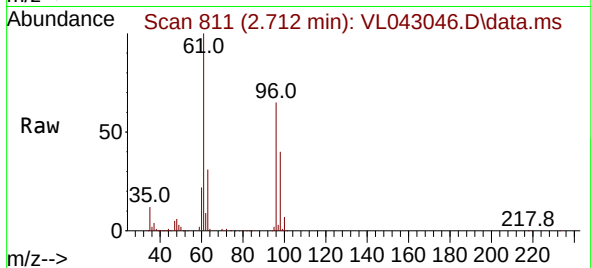
41 82.2 64.2 96.4





#31
 cis-1,2-Dichloroethene
 Concen: 9.477 ppbv
 RT: 2.712 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

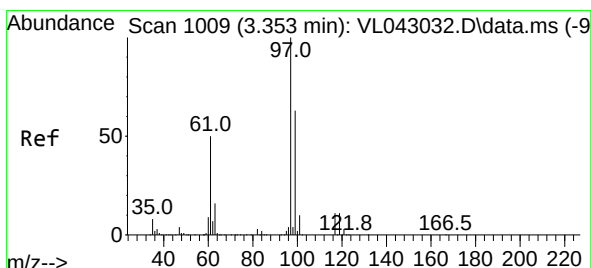
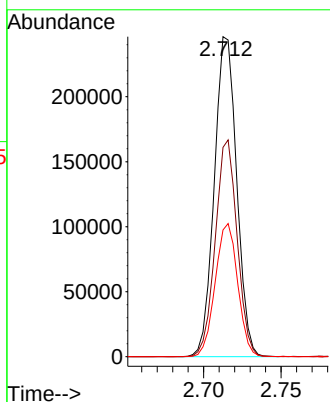
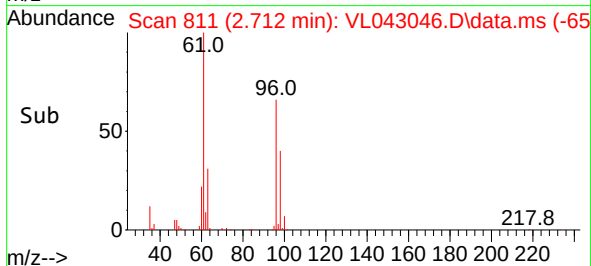
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01



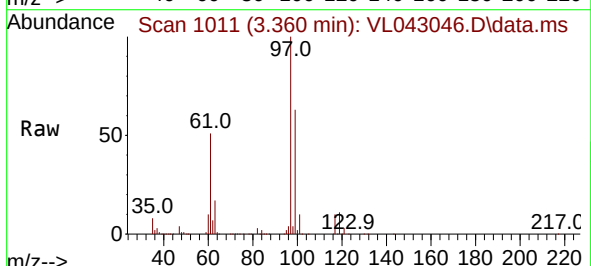
Tgt Ion: 61 Resp: 247932
 Ion Ratio Lower Upper
 61 100
 96 65.4 54.6 82.0
 98 39.6 34.8 52.2

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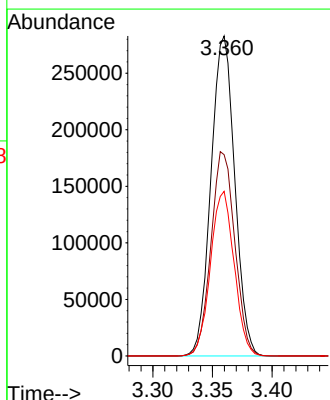
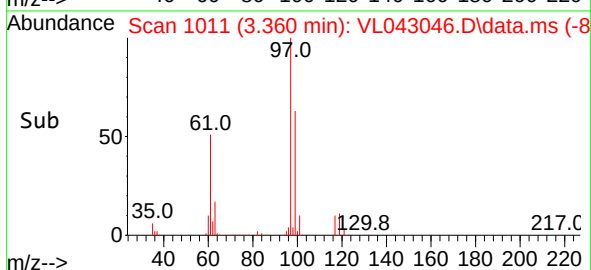
Reviewed By :Semsettin Yesilyurt 10/08/2025
 Supervised By :Mahesh Dadoda 10/10/2025

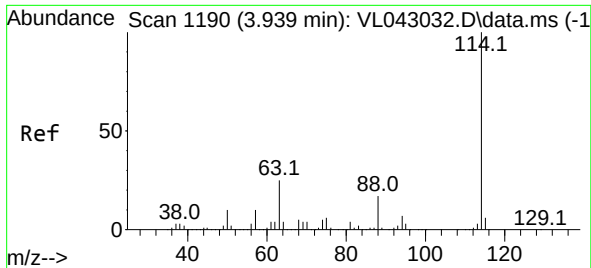


#32
 1,1,1-Trichloroethane
 Concen: 9.309 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12



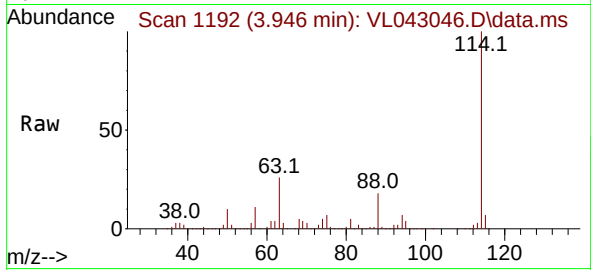
Tgt Ion: 97 Resp: 392565
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.2 76.8
 61 51.3 40.1 60.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1190
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

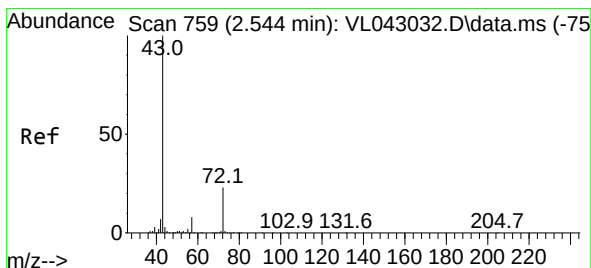
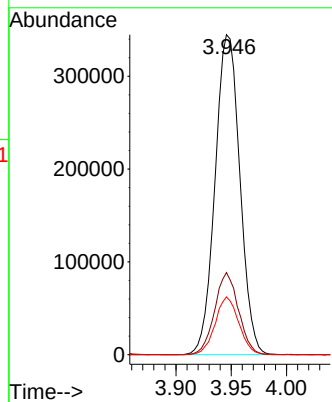
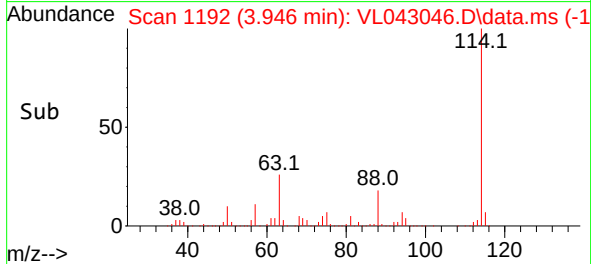
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



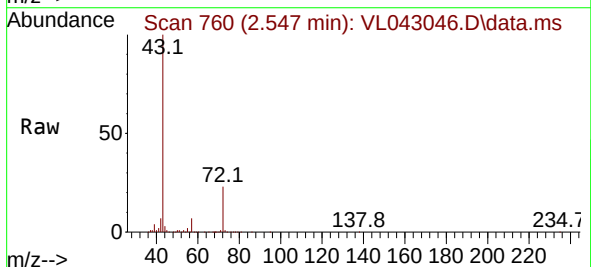
Tgt Ion:114 Resp: 53760
Ion Ratio Lower Upper
114 100
63 24.7 19.4 29.2
88 17.2 13.9 20.9

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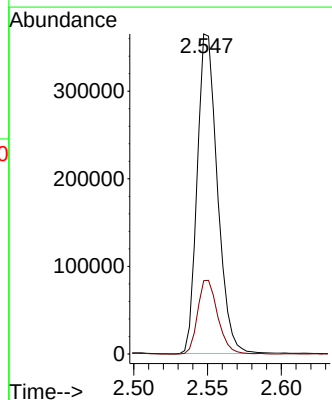
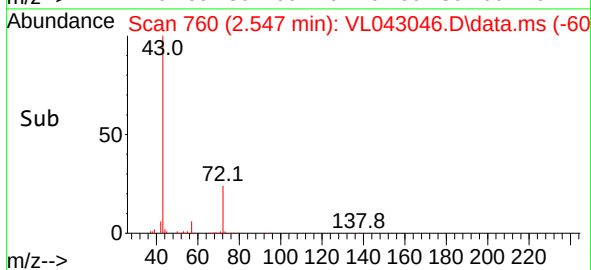
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

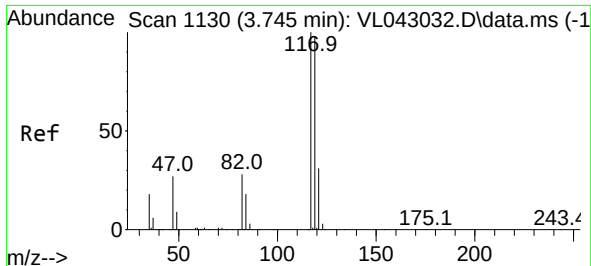


#34
2-Butanone
Concen: 9.530 ppbv
RT: 2.547 min Scan# 760
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



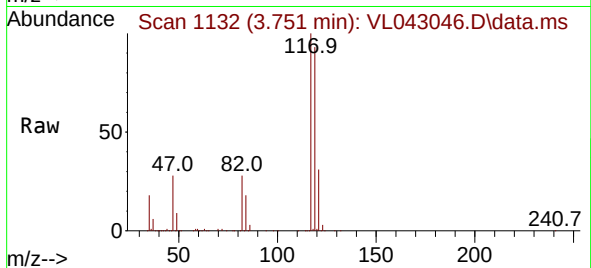
Tgt Ion: 43 Resp: 347648
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.377 ppbv
RT: 3.751 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

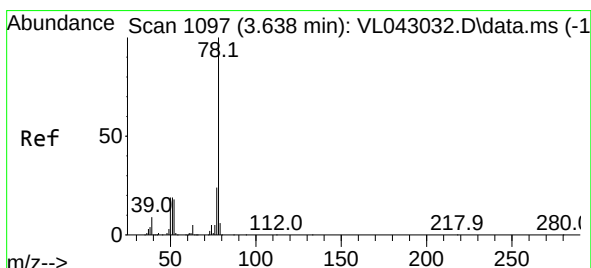
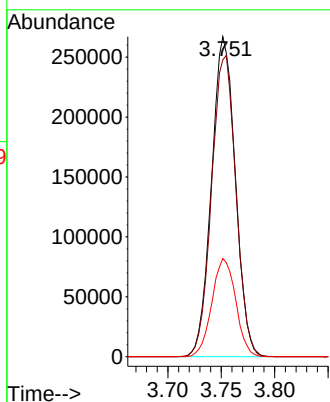
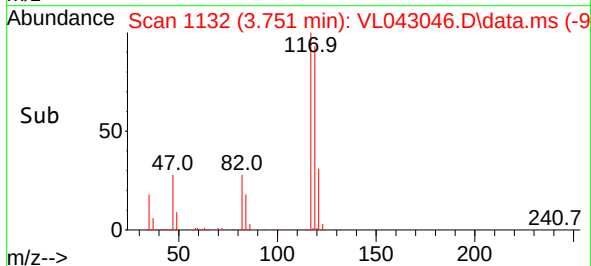
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



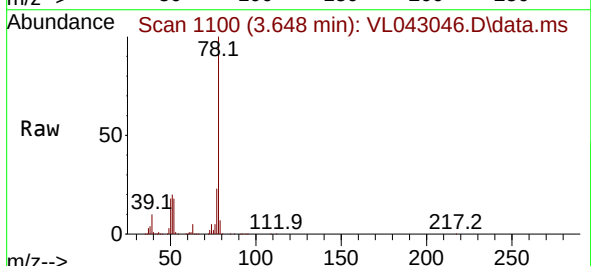
Tgt Ion:117 Resp: 414732
Ion Ratio Lower Upper
117 100
119 92.7 78.2 117.4
121 30.7 24.8 37.2

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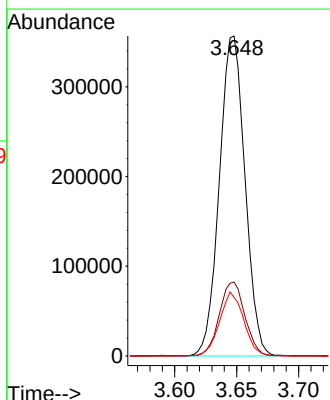
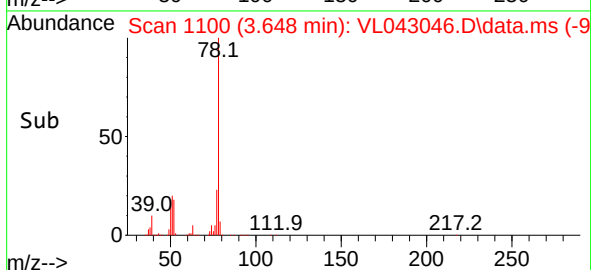
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

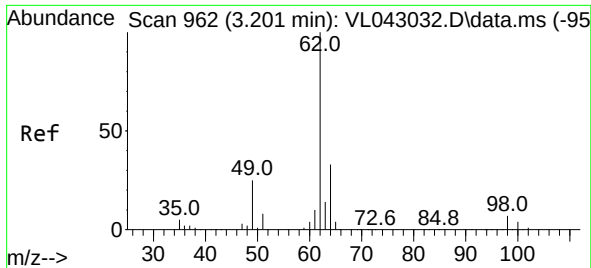


#36
Benzene
Concen: 9.997 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



Tgt Ion: 78 Resp: 513451
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8
50 18.3 14.9 22.3





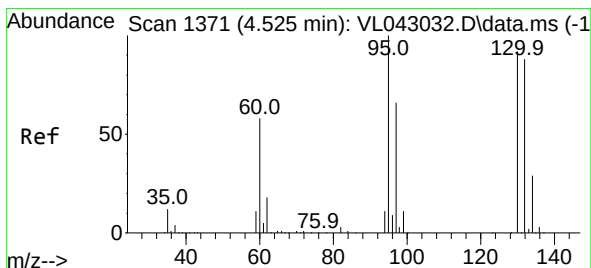
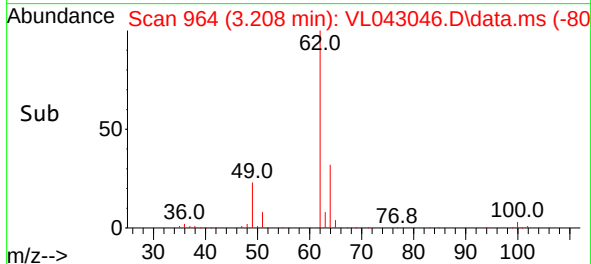
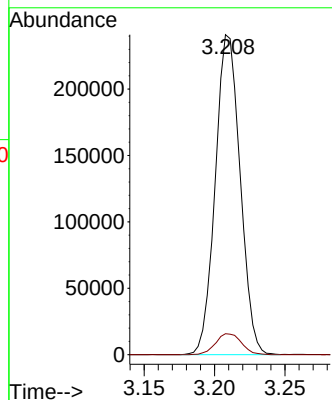
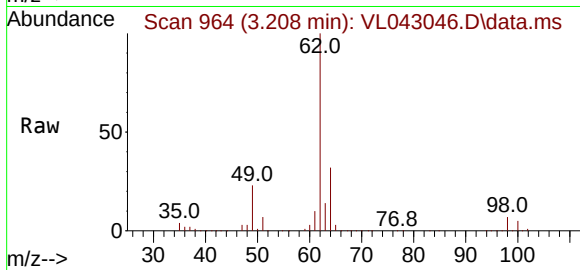
#37
1,2-Dichloroethane
Concen: 9.738 ppbv
RT: 3.208 min Scan# 964
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

Tgt Ion: 62 Resp: 296234
Ion Ratio Lower Upper
62 100
98 6.9 5.6 8.4

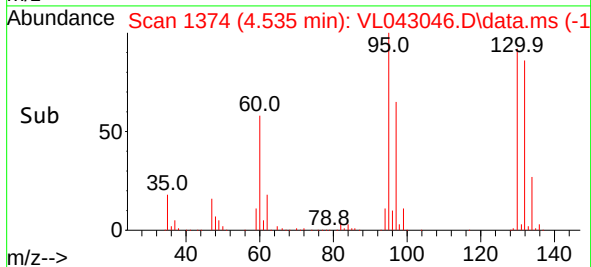
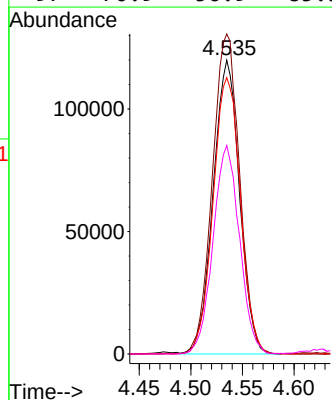
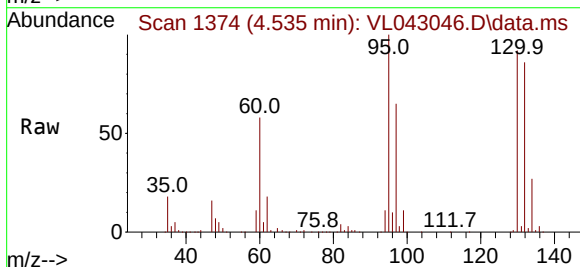
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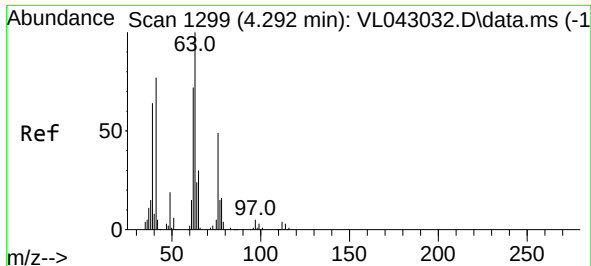
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#38
Trichloroethene
Concen: 9.979 ppbv
RT: 4.535 min Scan# 1374
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion:130 Resp: 213507
Ion Ratio Lower Upper
130 100
95 108.9 86.4 129.6
132 94.0 75.7 113.5
97 70.9 56.9 85.3





#39

1,2-Dichloropropane

Concen: 9.734 ppbv

RT: 4.302 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

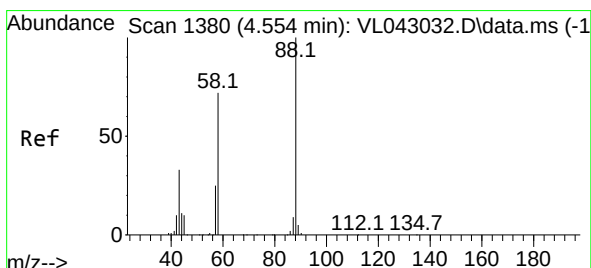
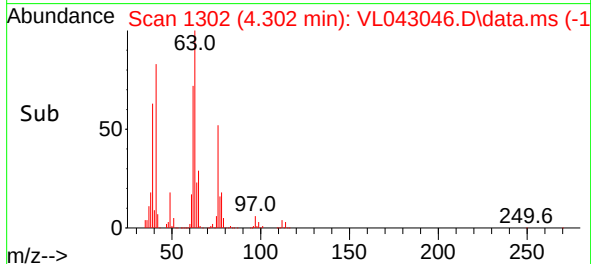
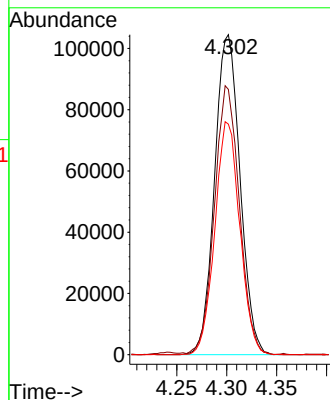
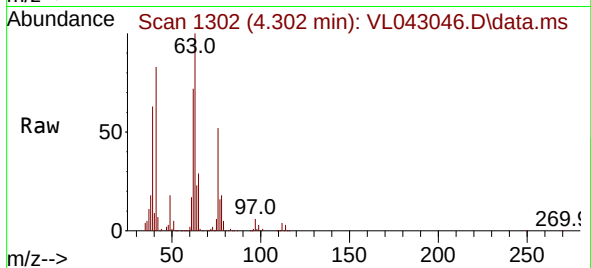
VL1006ABS01

Tgt Ion:	63	Resp:	18532
Ion Ratio	Lower	Upper	
63	100		
41	82.8	61.6	92.4
62	72.0	58.1	87.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#40

1,4-Dioxane

Concen: 9.816 ppbv

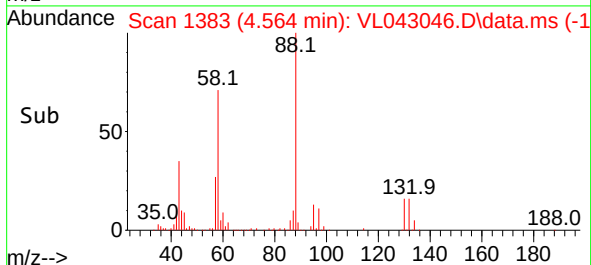
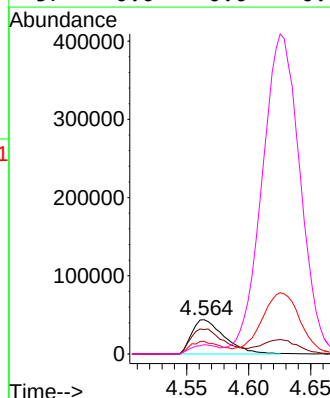
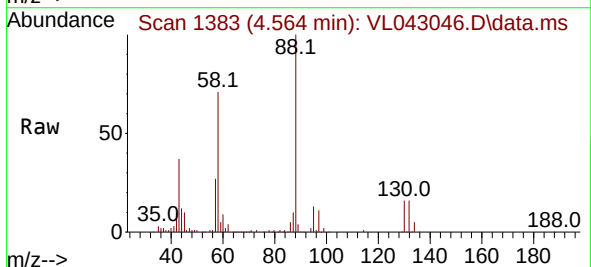
RT: 4.564 min Scan# 1383

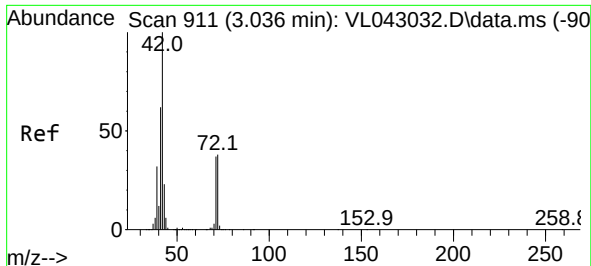
Delta R.T. 0.010 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

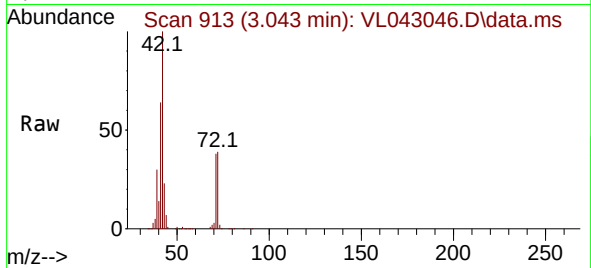
Tgt Ion:	88	Resp:	80157
Ion Ratio	Lower	Upper	
88	100		
58	73.4	56.2	84.2
43	34.4	25.7	38.5
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.573 ppbv
RT: 3.043 min Scan# 911
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

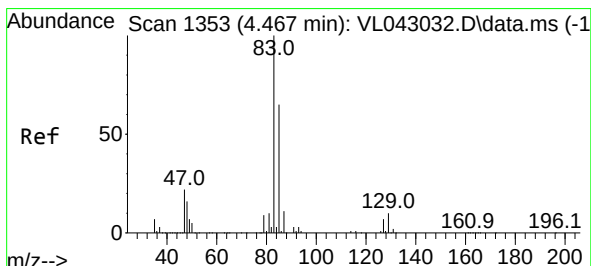
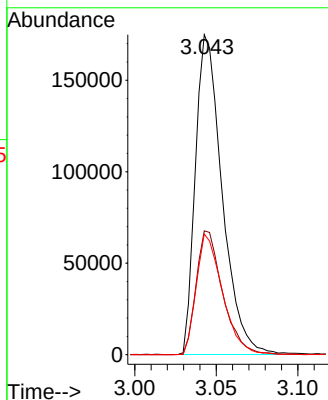
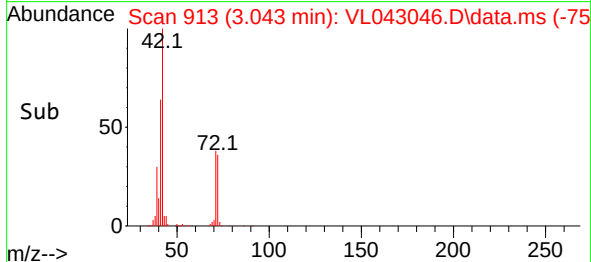
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



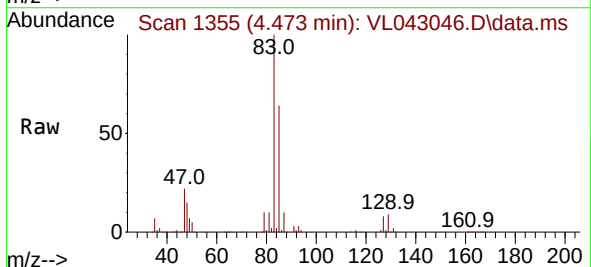
Tgt Ion: 42 Resp: 19934
Ion Ratio Lower Upper
42 100
72 38.7 31.0 46.6
71 37.1 29.8 44.6

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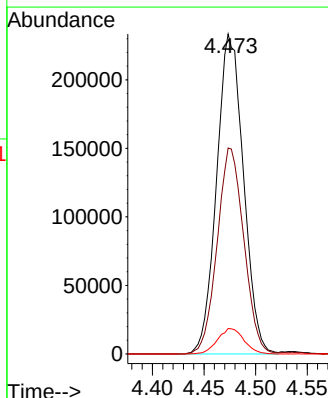
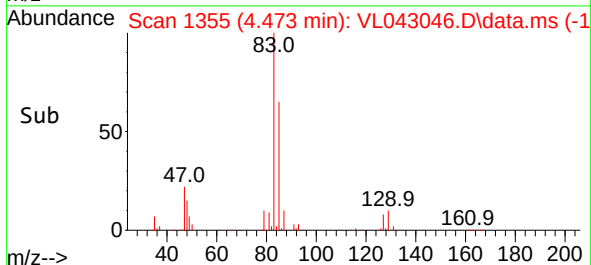
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

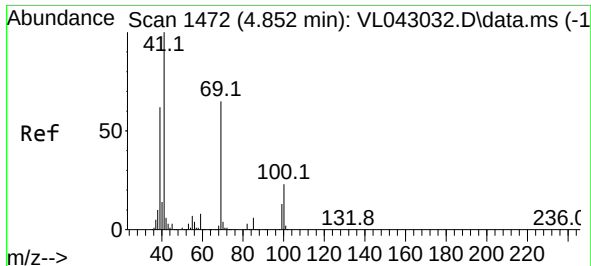


#42
Bromodichloromethane
Concen: 9.826 ppbv
RT: 4.473 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



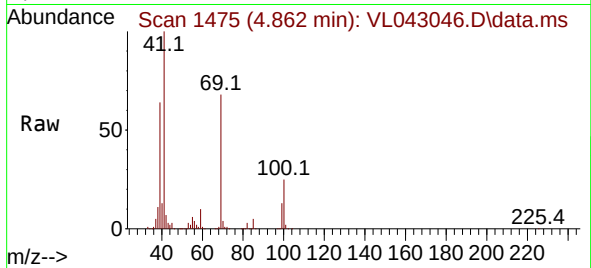
Tgt Ion: 83 Resp: 422079
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.8
127 7.9 5.9 8.9





#43
Methyl Methacrylate
Concen: 10.853 ppbv
RT: 4.862 min Scan# 1472
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

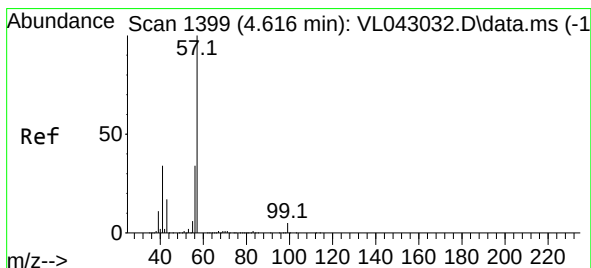
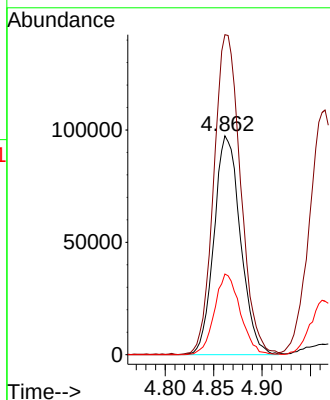
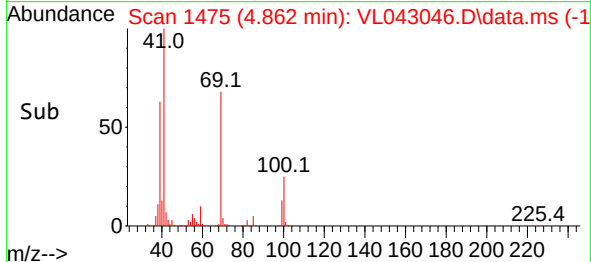
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



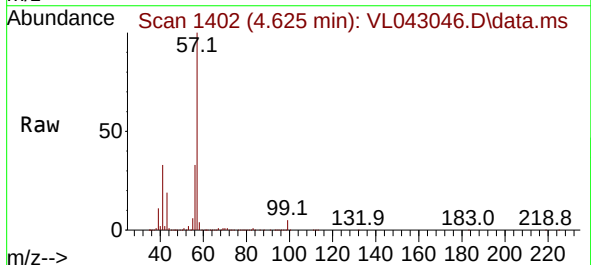
Tgt Ion: 69 Resp: 185044
Ion Ratio Lower Upper
69 100
41 148.3 118.0 177.0
100 35.9 28.3 42.5

Manual Integrations
APPROVED

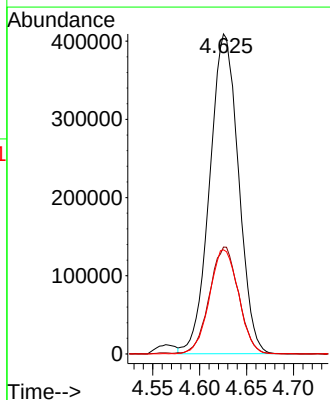
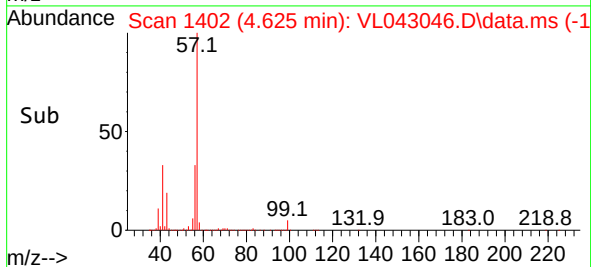
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

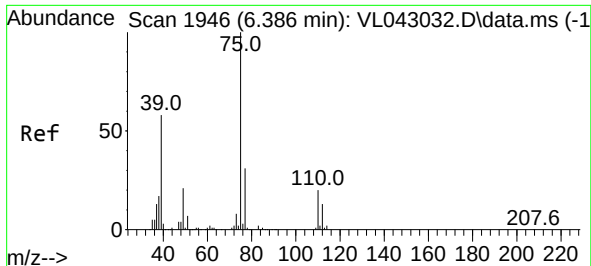


#44
2,2,4-Trimethylpentane
Concen: 10.577 ppbv
RT: 4.625 min Scan# 1402
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



Tgt Ion: 57 Resp: 871720
Ion Ratio Lower Upper
57 100
41 34.0 27.0 40.4
56 33.1 26.0 39.0





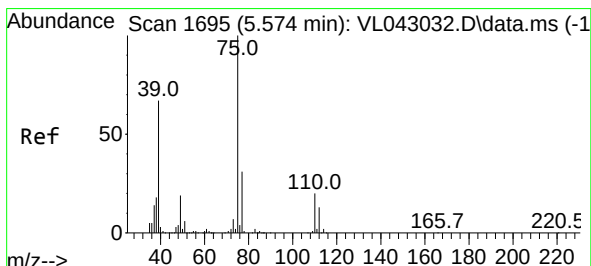
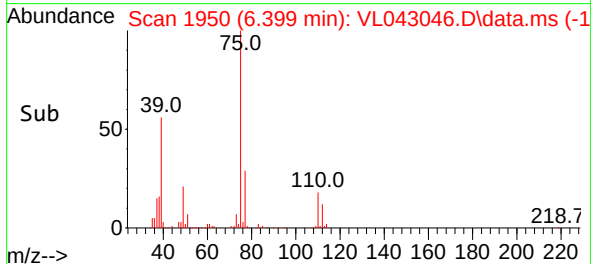
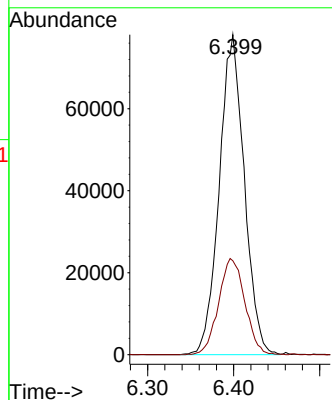
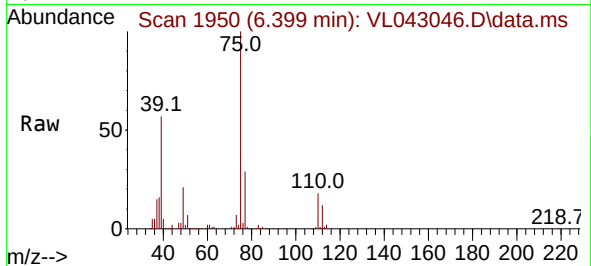
#45
 t-1,3-Dichloropropene
 Concen: 10.104 ppbv
 RT: 6.399 min Scan# 1946
 Delta R.T. 0.013 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01

Tgt Ion: 75 Resp: 15765
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.7 37.1

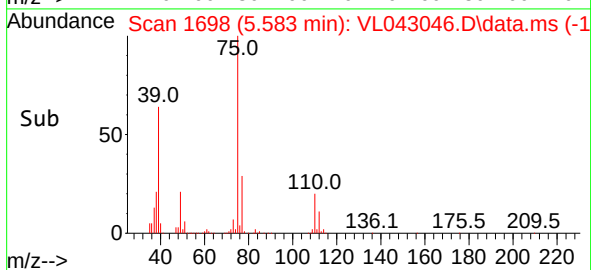
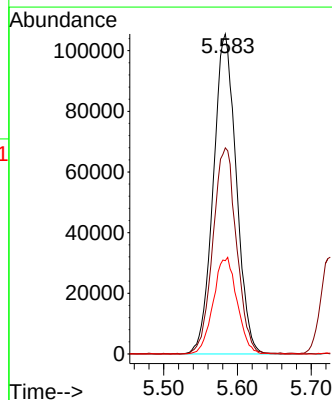
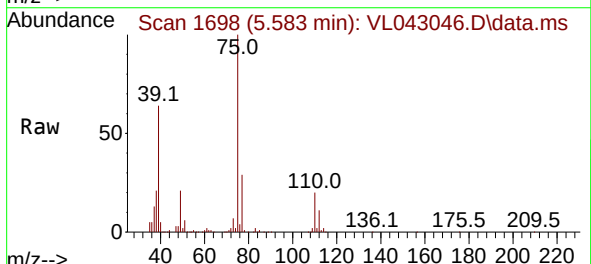
Manual Integrations
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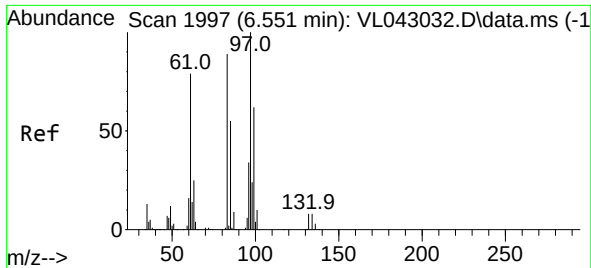
Reviewed By :Semsettin Yesilyurt 10/08/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.375 ppbv
 RT: 5.583 min Scan# 1698
 Delta R.T. 0.010 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion: 75 Resp: 228082
 Ion Ratio Lower Upper
 75 100
 39 64.4 53.4 80.0
 77 29.1 25.0 37.4





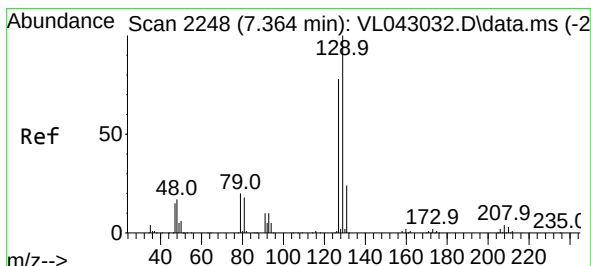
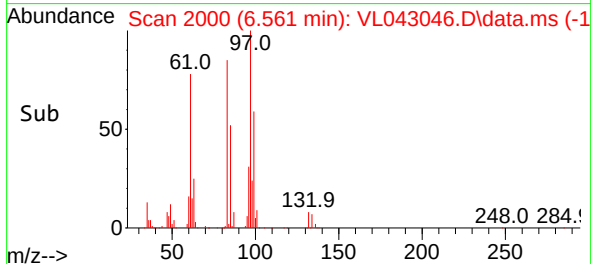
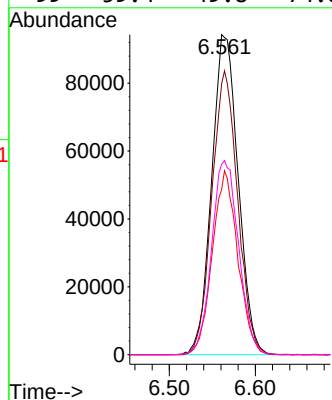
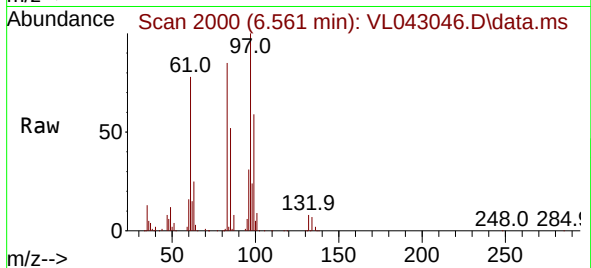
#47
1,1,2-Trichloroethane
Concen: 9.530 ppbv
RT: 6.561 min Scan# 20182
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	71.1	106.7
85	51.7	44.3	66.5
99	59.4	49.8	74.8

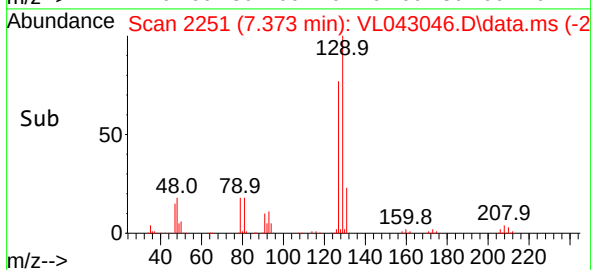
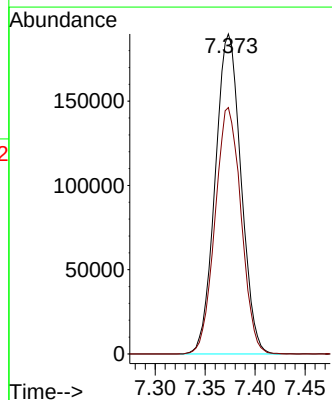
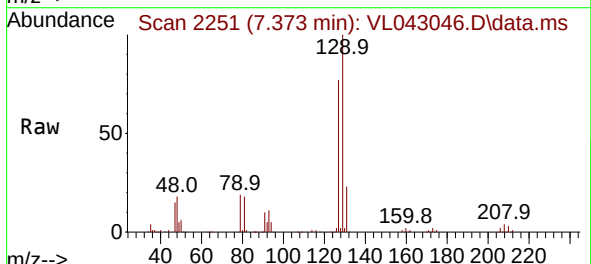
Manual Integrations
APPROVED

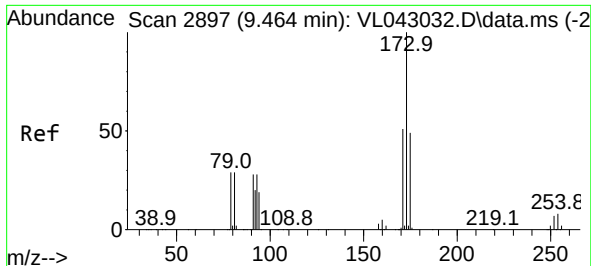
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#48
Dibromochloromethane
Concen: 9.879 ppbv
RT: 7.373 min Scan# 2251
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

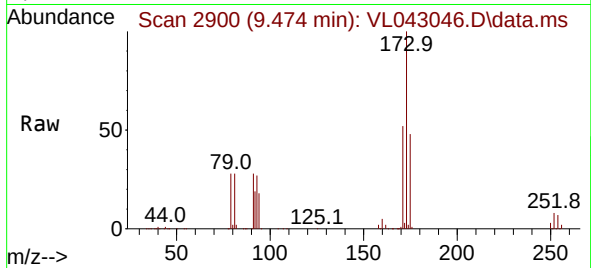
Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.6	116.0





#49
Bromoform
Concen: 9.669 ppbv
RT: 9.474 min Scan# 2897
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

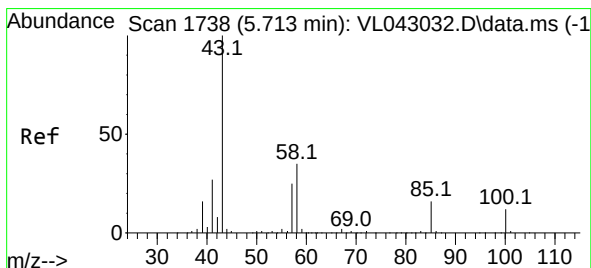
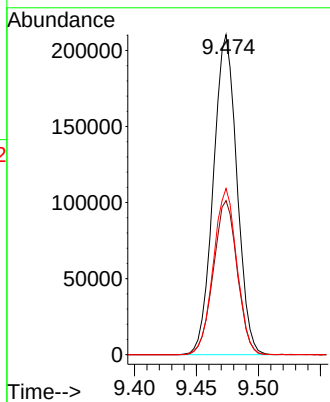
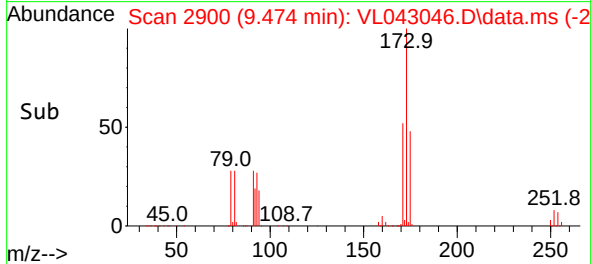
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



Tgt Ion:173 Resp: 279100
Ion Ratio Lower Upper
173 100
175 48.7 39.1 58.7
171 51.8 41.4 62.2

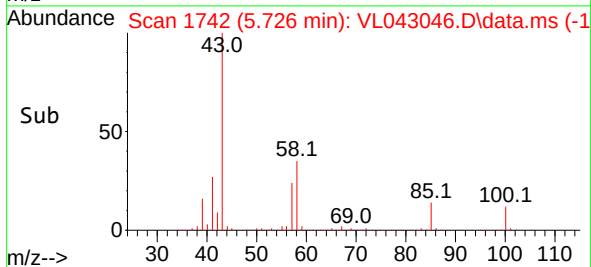
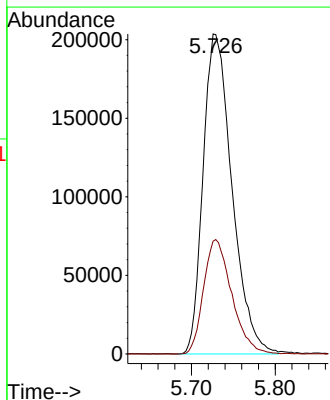
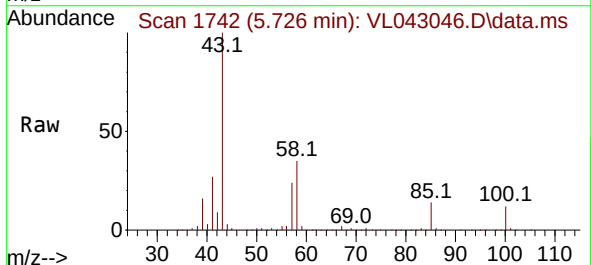
Manual Integrations
APPROVED

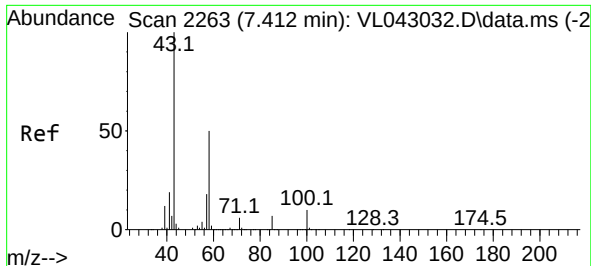
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#50
4-Methyl-2-Pentanone
Concen: 11.000 ppbv
RT: 5.726 min Scan# 1742
Delta R.T. 0.013 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

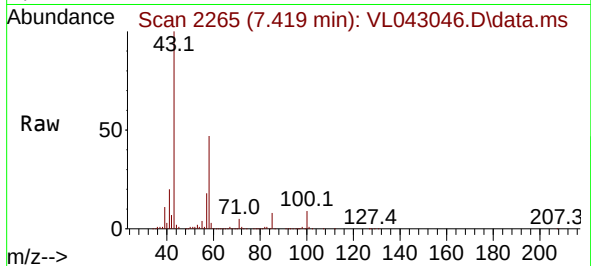
Tgt Ion: 43 Resp: 489303
Ion Ratio Lower Upper
43 100
58 34.8 28.7 43.1





#51
2-Hexanone
Concen: 11.431 ppbv
RT: 7.419 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

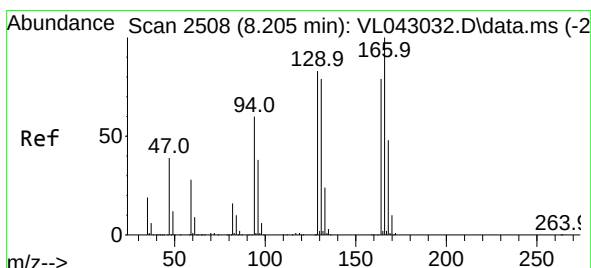
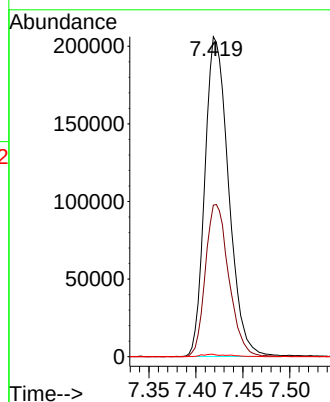
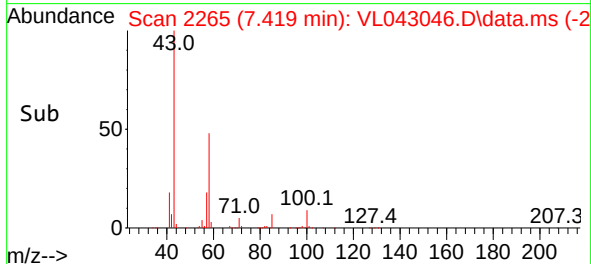
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



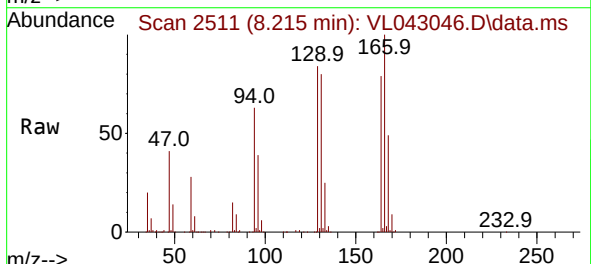
Tgt Ion: 43 Resp: 361924
Ion Ratio Lower Upper
43 100
58 47.1 39.1 58.7
98 0.9 0.5 0.7

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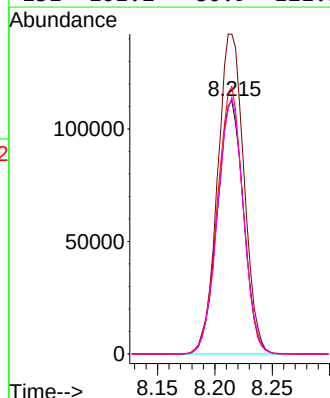
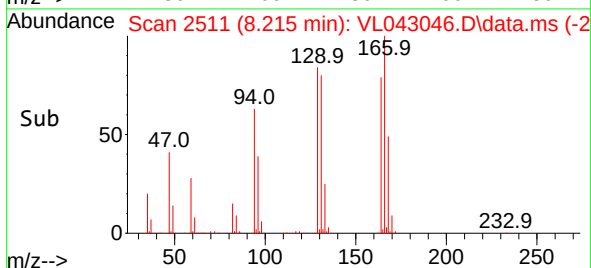
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

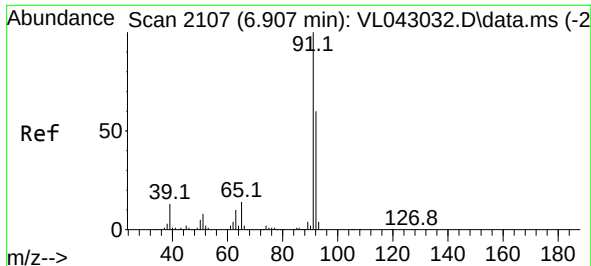


#52
Tetrachloroethene
Concen: 9.406 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



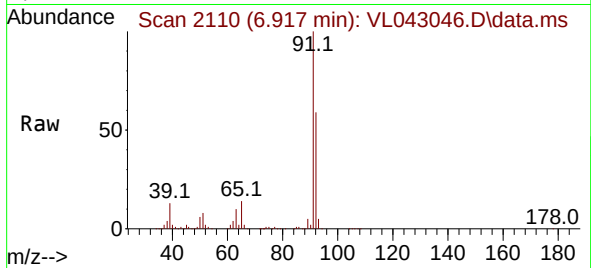
Tgt Ion:164 Resp: 178891
Ion Ratio Lower Upper
164 100
166 126.1 101.8 152.8
129 105.5 84.5 126.7
131 101.2 80.9 121.3





#53
Toluene
Concen: 10.867 ppbv
RT: 6.917 min Scan# 2110
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

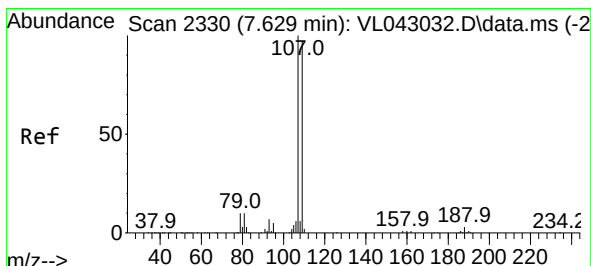
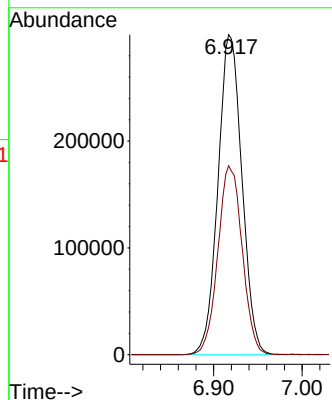
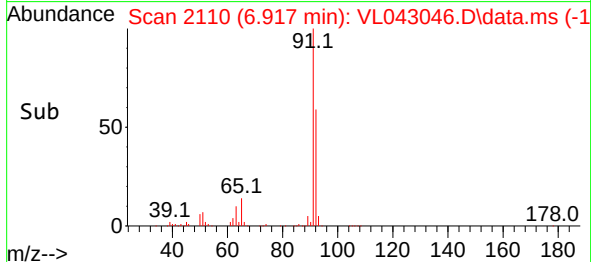
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



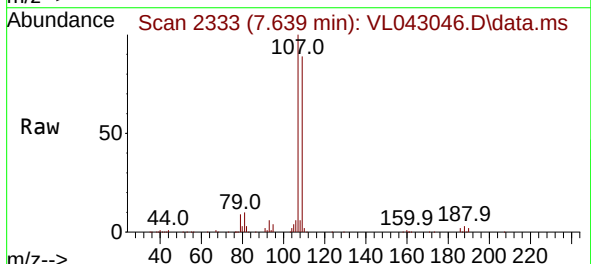
Tgt Ion: 91 Resp: 563494
Ion Ratio Lower Upper
91 100
92 59.9 47.8 71.6

Manual Integrations
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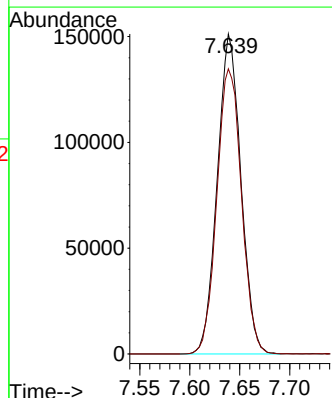
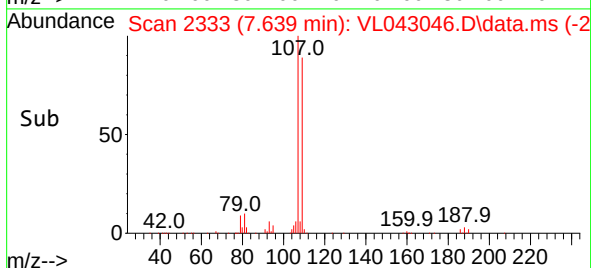
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

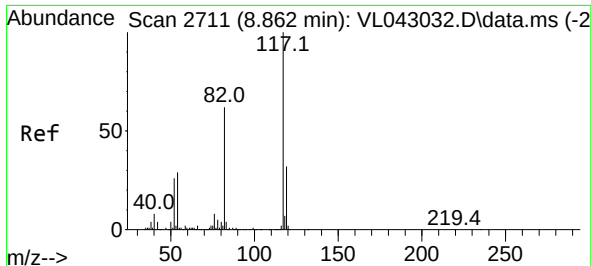


#54
1,2-Dibromoethane
Concen: 9.905 ppbv
RT: 7.639 min Scan# 2333
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



Tgt Ion:107 Resp: 248606
Ion Ratio Lower Upper
107 100
109 89.1 77.4 116.0





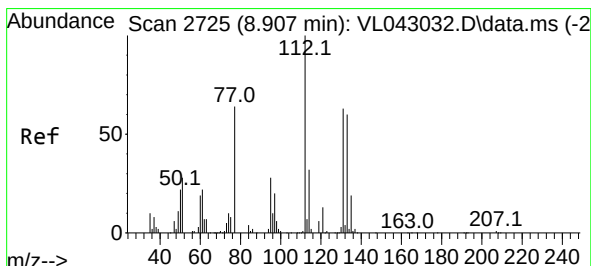
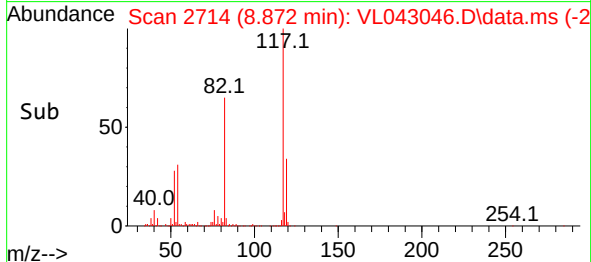
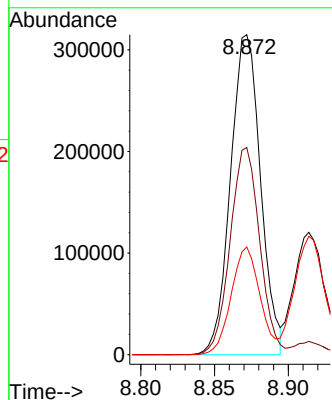
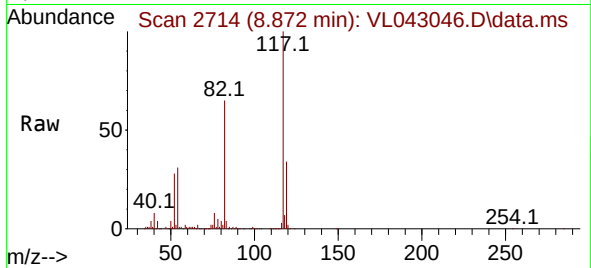
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2711
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

Tgt Ion:117 Resp: 447189
Ion Ratio Lower Upper
117 100
82 67.8 53.0 79.6
119 32.2 25.4 38.2

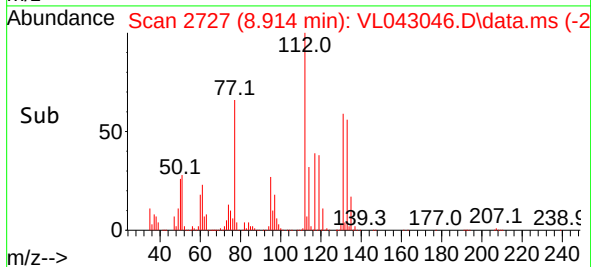
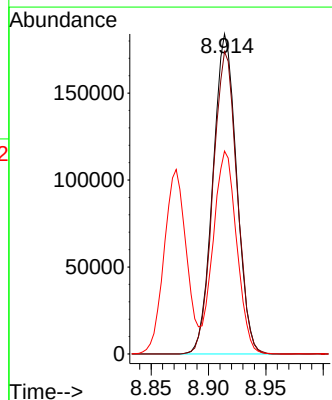
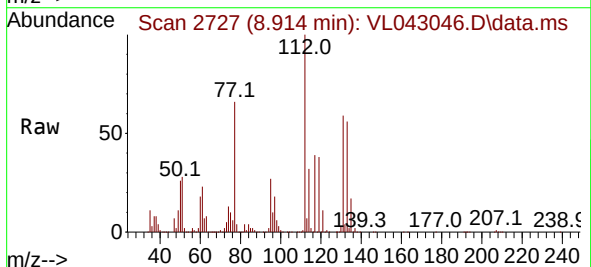
Manual Integrations
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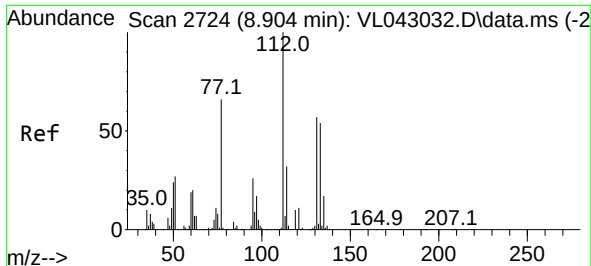
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.687 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

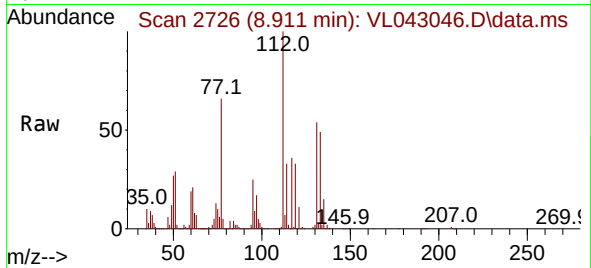
Tgt Ion:131 Resp: 264054
Ion Ratio Lower Upper
131 100
133 96.0 76.2 114.4
119 63.2 49.4 74.2





#57
Chlorobenzene
Concen: 9.661 ppbv
RT: 8.911 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

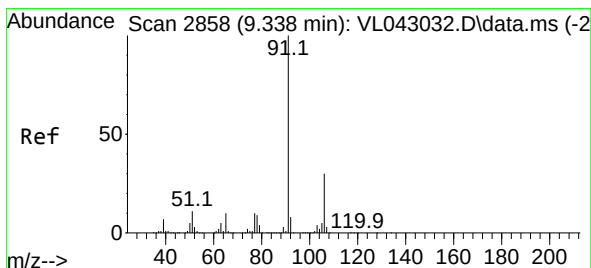
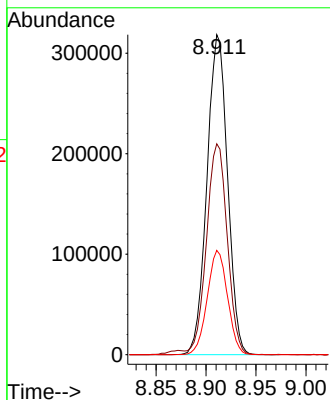
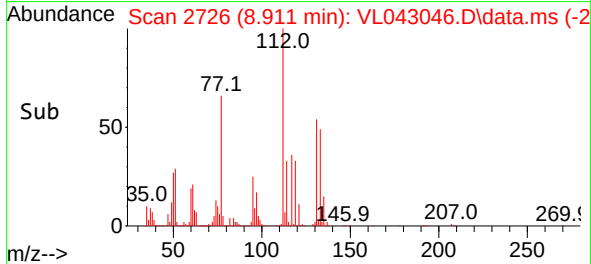
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



Tgt Ion:112 Resp: 456710
Ion Ratio Lower Upper
112 100
77 65.8 53.2 79.8
114 32.6 28.6 35.0

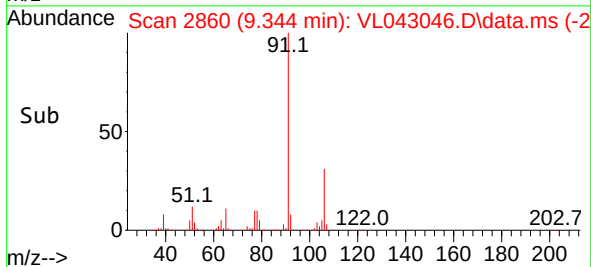
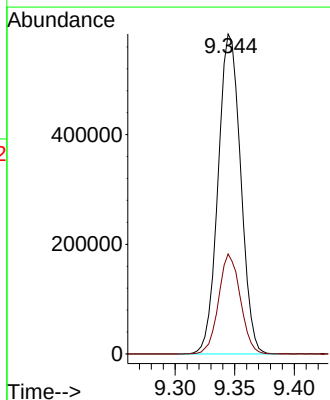
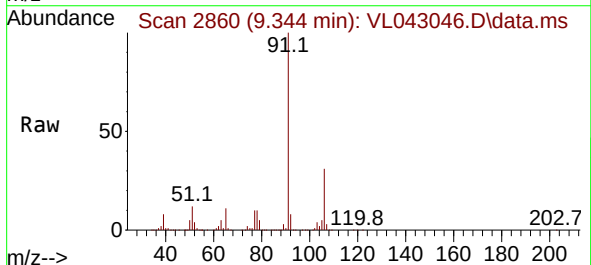
Manual Integrations
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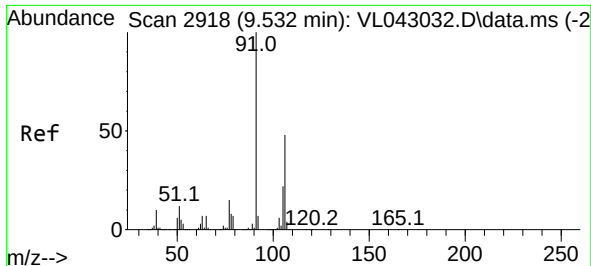
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
Ethyl Benzene
Concen: 11.080 ppbv
RT: 9.344 min Scan# 2860
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 91 Resp: 767600
Ion Ratio Lower Upper
91 100
106 31.3 24.1 36.1





#59

m/p-Xylene

Concen: 21.824 ppbv m

RT: 9.542 min Scan# 2918

Delta R.T. 0.010 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL1006ABS01

Tgt Ion: 91 Resp: 1275234

Ion Ratio Lower Upper

91 100

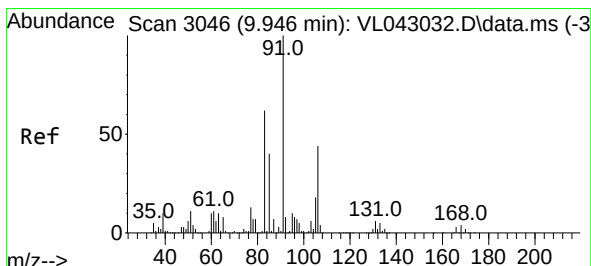
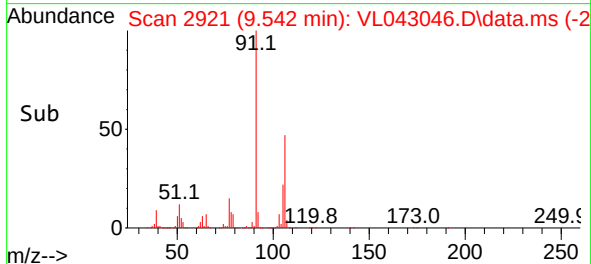
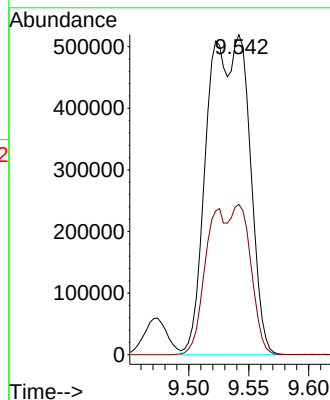
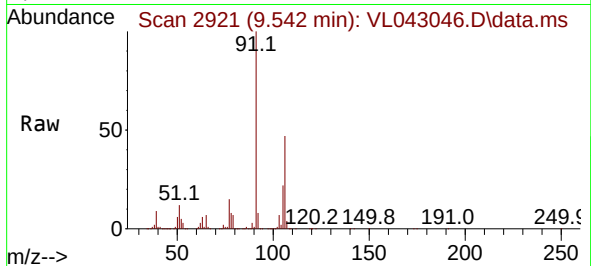
106 47.0 37.5 56.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/08/2025

Supervised By :Mahesh Dadoda 10/10/2025



#60

o-Xylene

Concen: 10.862 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. 0.010 min

Lab File: VL043046.D

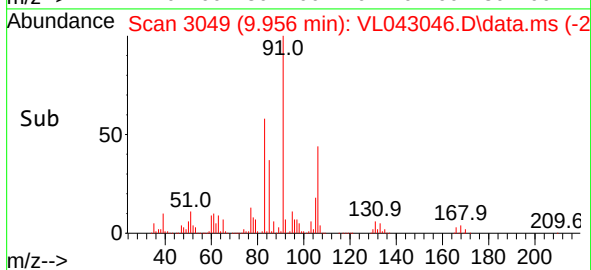
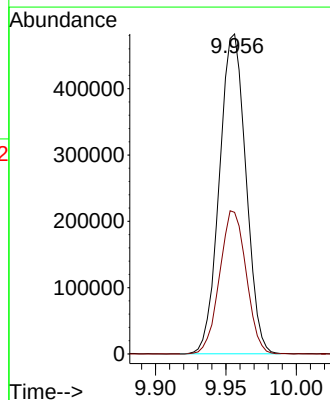
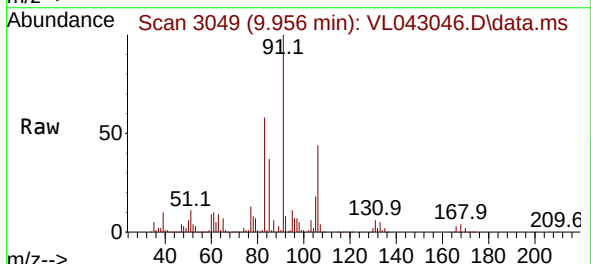
Acq: 06 Oct 2025 10:12

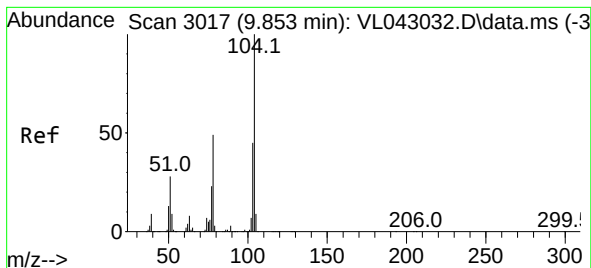
Tgt Ion: 91 Resp: 632243

Ion Ratio Lower Upper

91 100

106 44.9 21.9 65.5





#61

Styrene

Concen: 11.289 ppbv

RT: 9.862 min Scan# 3017

Delta R.T. 0.010 min

Lab File: VL043046.D

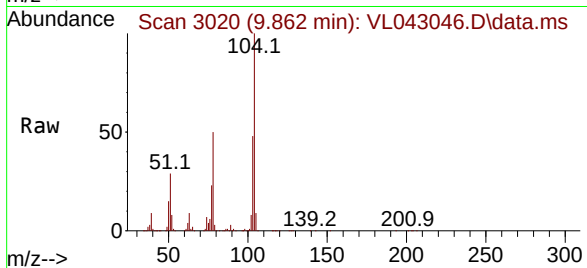
Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL1006ABS01



Tgt Ion:104 Resp: 275280

Ion Ratio Lower Upper

104 100

78 49.8 39.7 59.5

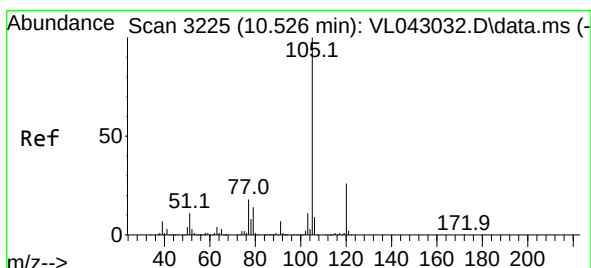
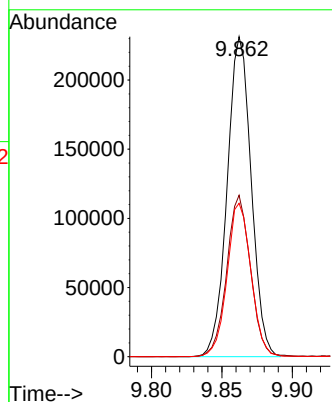
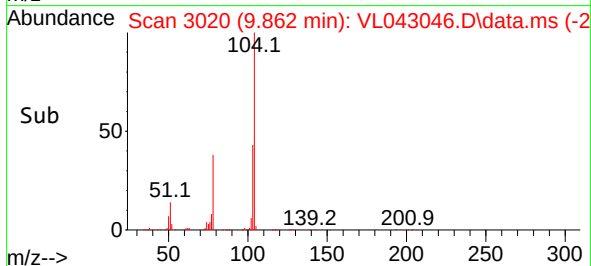
103 47.8 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/08/2025

Supervised By :Mahesh Dadoda 10/10/2025



#62

Isopropylbenzene

Concen: 10.584 ppbv

RT: 10.532 min Scan# 3227

Delta R.T. 0.006 min

Lab File: VL043046.D

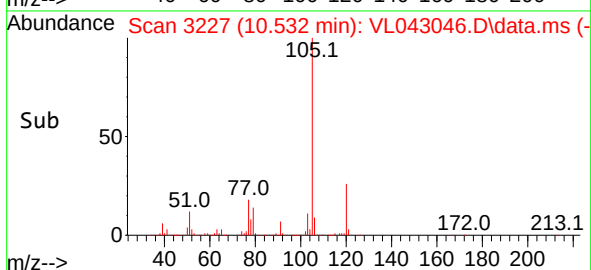
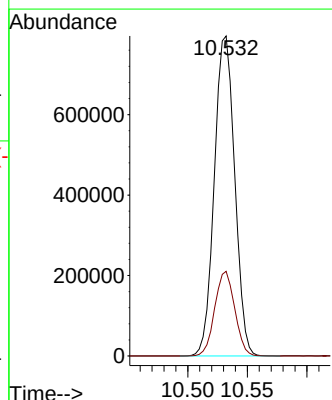
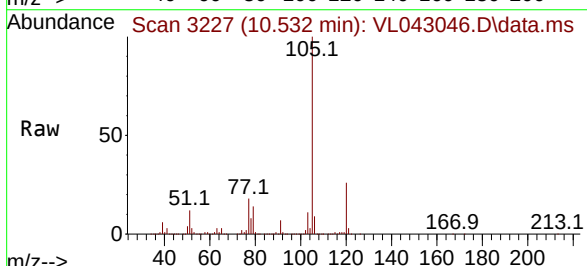
Acq: 06 Oct 2025 10:12

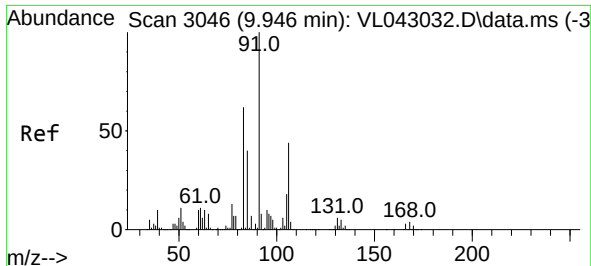
Tgt Ion:105 Resp: 945764

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0





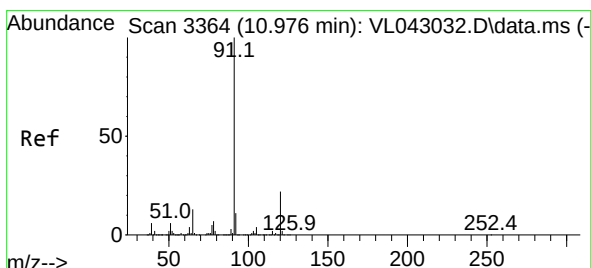
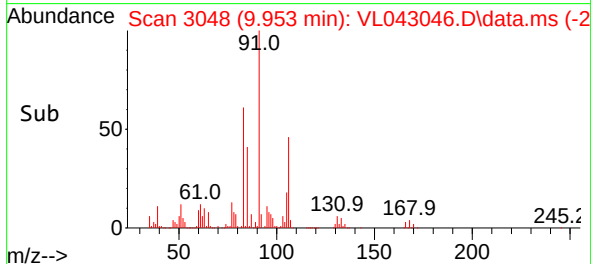
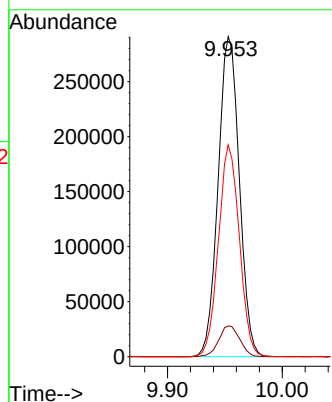
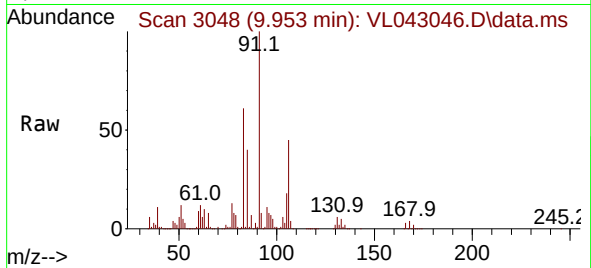
#63
1,1,2,2-Tetrachloroethane
Concen: 8.943 ppbv
RT: 9.953 min Scan# 3046
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

Tgt Ion: 83 Resp: 37344
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 65.2 32.0 96.2

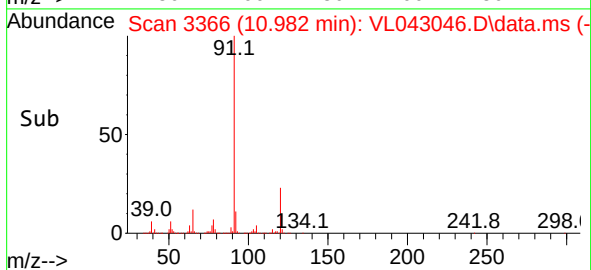
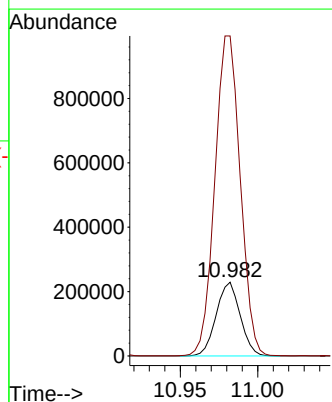
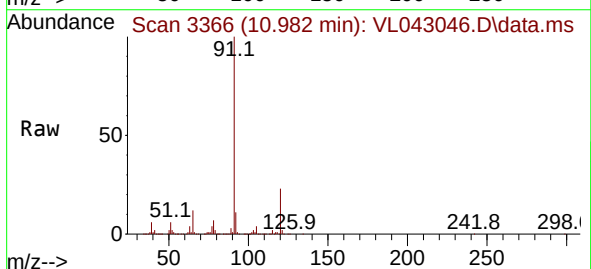
Manual Integrations
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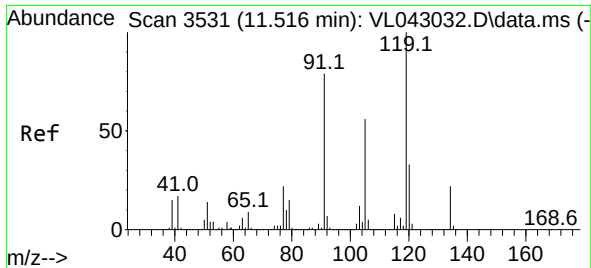
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64
n-propylbenzene
Concen: 10.773 ppbv
RT: 10.982 min Scan# 3366
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion:120 Resp: 246252
Ion Ratio Lower Upper
120 100
91 460.1 367.0 550.4





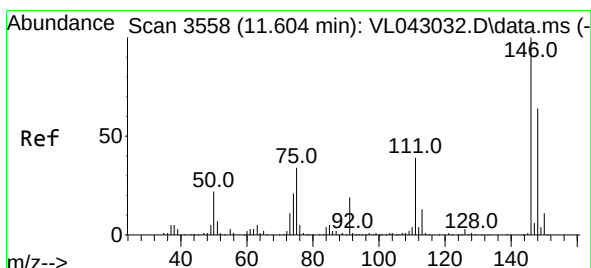
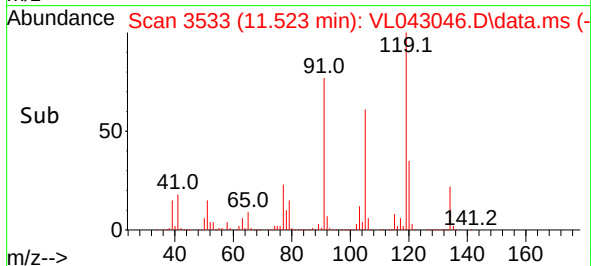
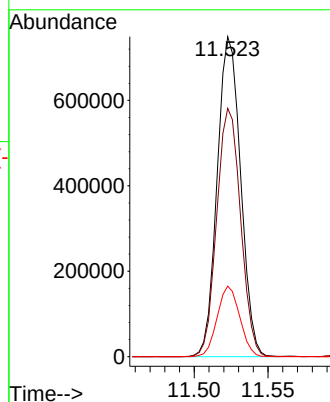
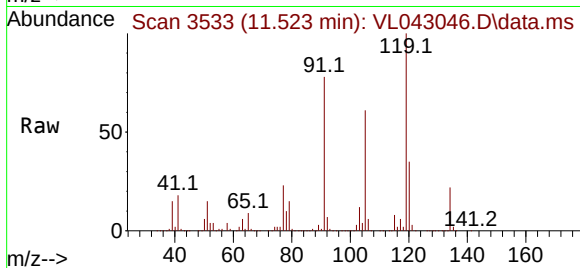
#65
tert-Butylbenzene
Concen: 10.427 ppbv
RT: 11.523 min Scan# 3531
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

Tgt Ion:119 Resp: 82919
Ion Ratio Lower Upper
119 100
91 78.9 63.1 94.7
134 21.2 16.9 25.3

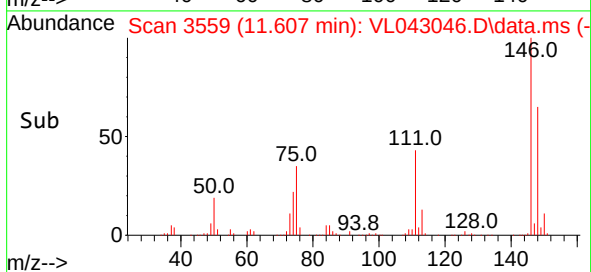
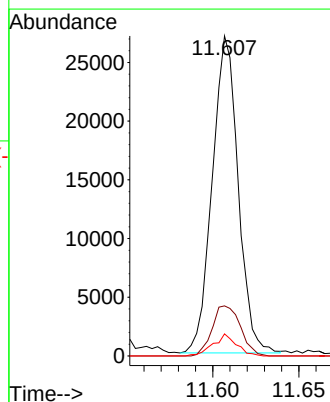
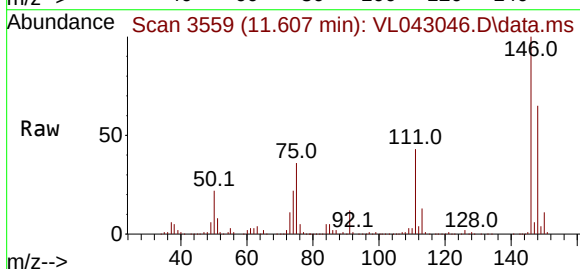
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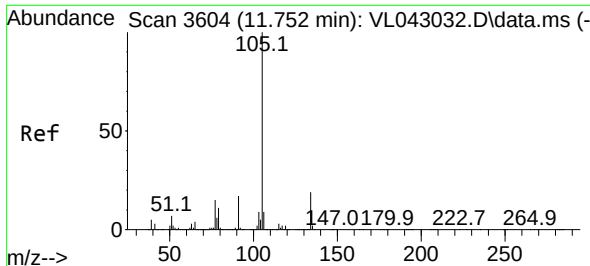
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
Benzyl Chloride
Concen: 9.305 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

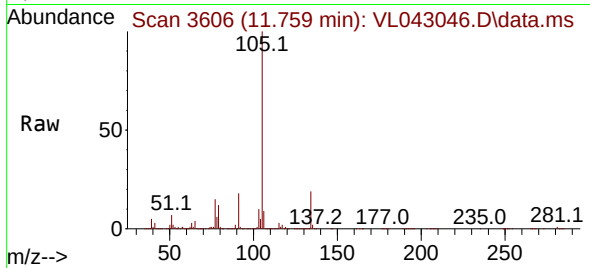
Tgt Ion: 91 Resp: 28281
Ion Ratio Lower Upper
91 100
126 17.2 14.2 21.4
128 6.3 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 10.266 ppbv
 RT: 11.759 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

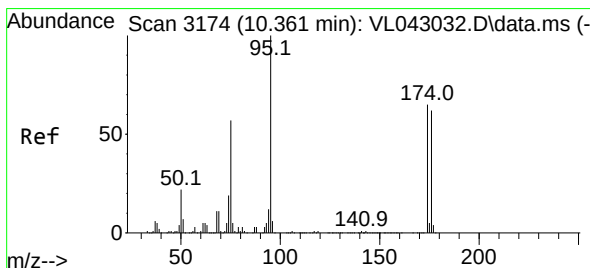
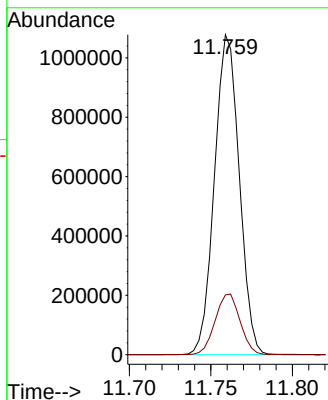
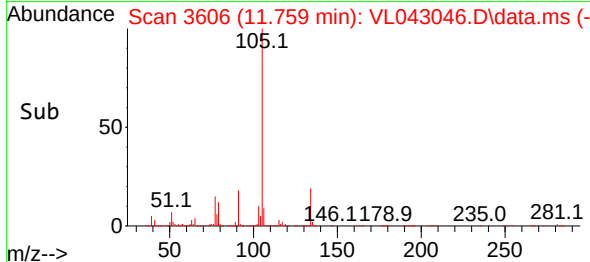
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01



Tgt Ion:105 Resp: 113927
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.2 22.8

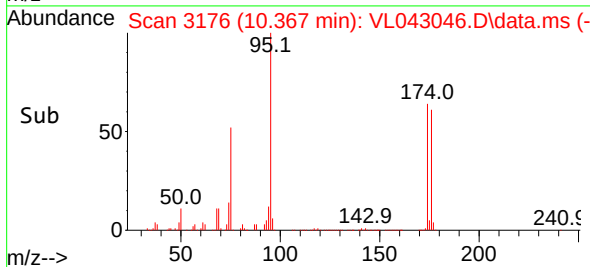
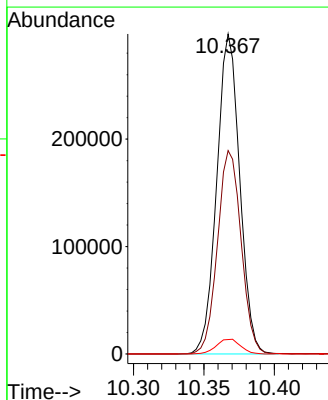
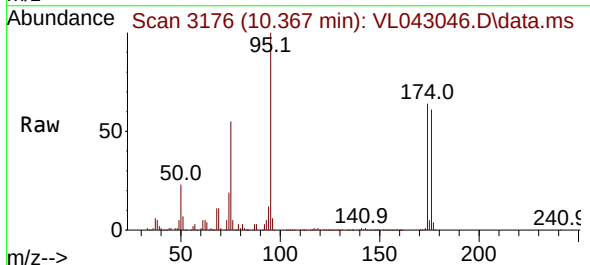
Manual Integrations
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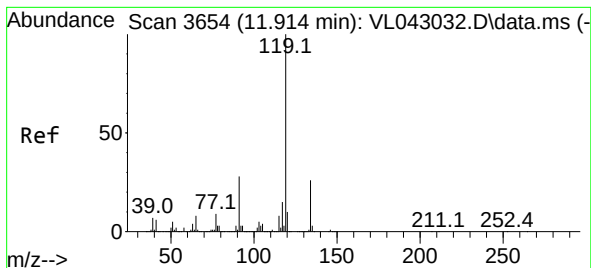
Reviewed By :Semsettin Yesilyurt 10/08/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.498 ppbv
 RT: 10.367 min Scan# 3176
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion: 95 Resp: 338181
 Ion Ratio Lower Upper
 95 100
 174 65.7 52.3 78.5
 175 4.9 3.8 5.8





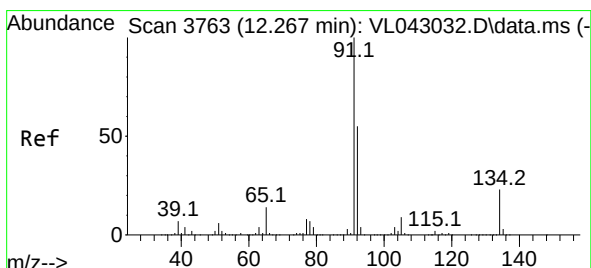
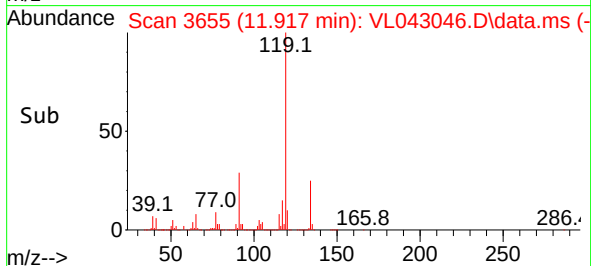
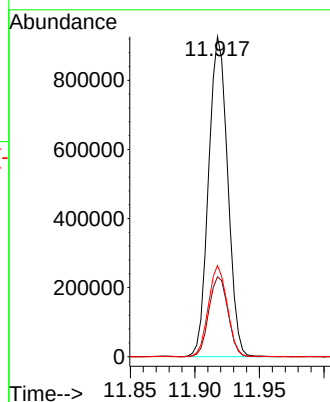
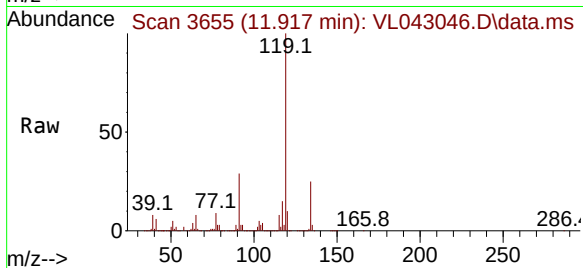
#69
p-Isopropyltoluene
Concen: 10.562 ppbv
RT: 11.917 min Scan# 3655
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

Tgt Ion:119 Resp: 95349
Ion Ratio Lower Upper
119 100
134 25.1 20.5 30.7
91 28.1 22.6 33.8

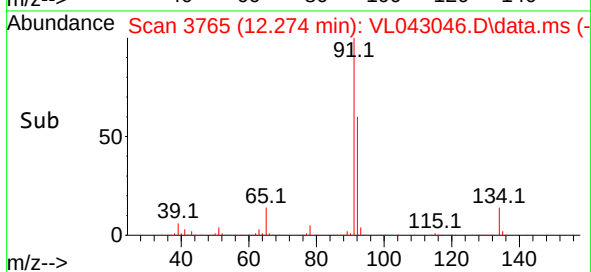
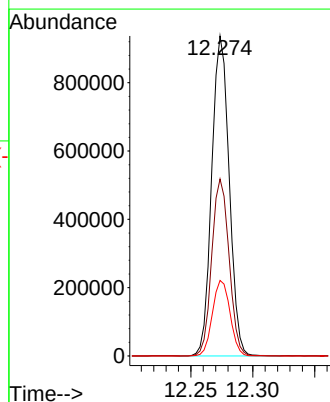
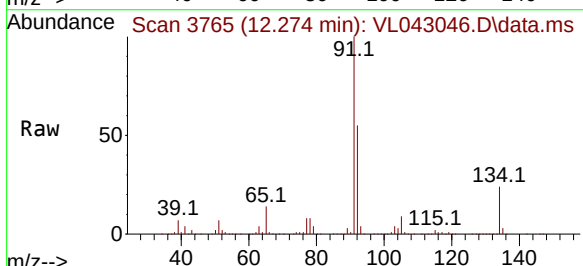
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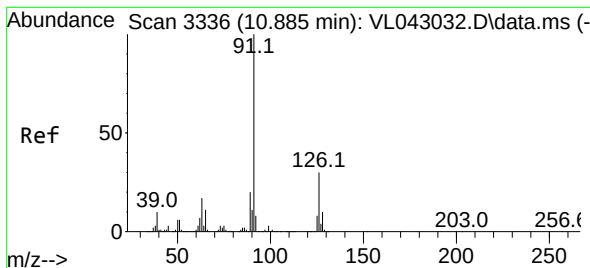
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#70
n-Butylbenzene
Concen: 10.590 ppbv
RT: 12.274 min Scan# 3765
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

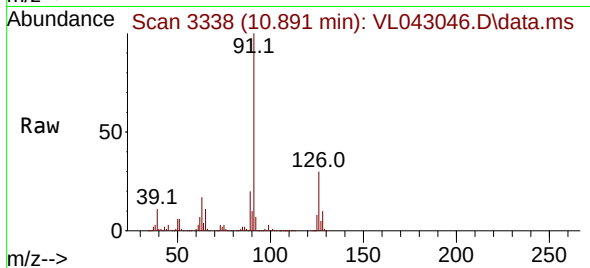
Tgt Ion: 91 Resp: 920477
Ion Ratio Lower Upper
91 100
92 55.0 43.9 65.9
134 23.9 18.9 28.3





#71
2-Chlorotoluene
Concen: 10.507 ppbv
RT: 10.891 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

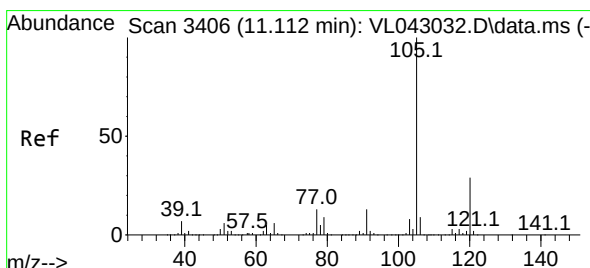
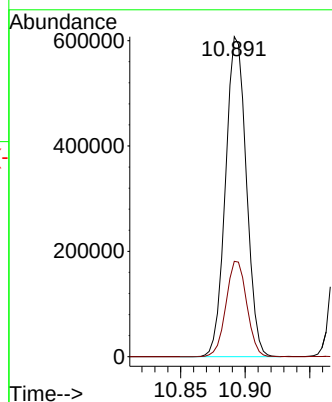
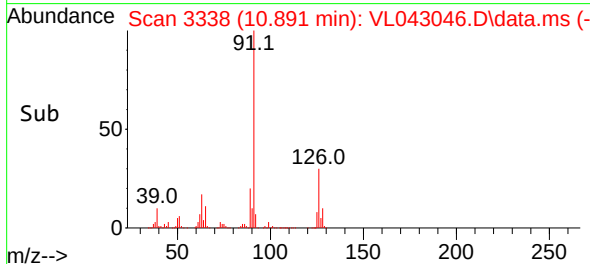
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



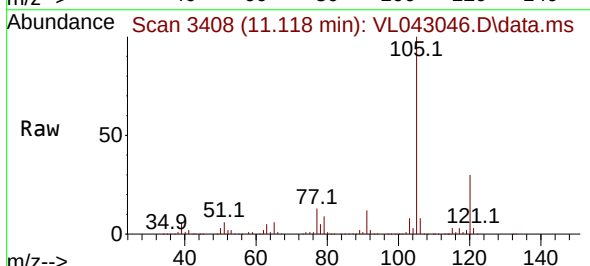
Tgt Ion: 91 Resp: 679459
Ion Ratio Lower Upper
91 100
126 29.8 12.2 48.6

Manual Integrations
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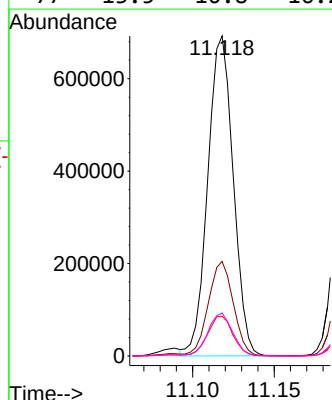
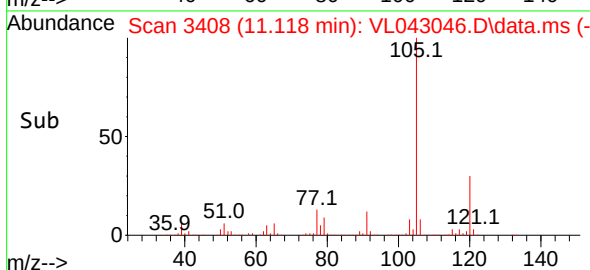
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

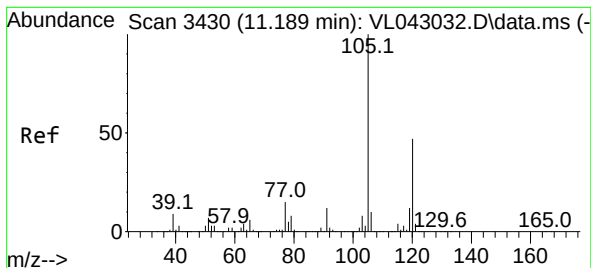


#72
4-Ethyltoluene
Concen: 10.863 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



Tgt Ion:105 Resp: 752627
Ion Ratio Lower Upper
105 100
120 29.7 23.5 35.3
91 12.9 10.4 15.6
77 13.5 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 10.527 ppbv

RT: 11.196 min Scan# 3430

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL1006ABS01

Tgt Ion:105 Resp: 63094

Ion Ratio Lower Upper

105 100

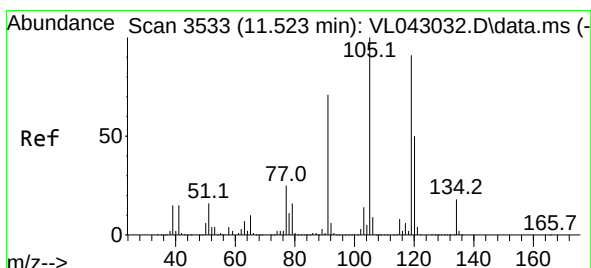
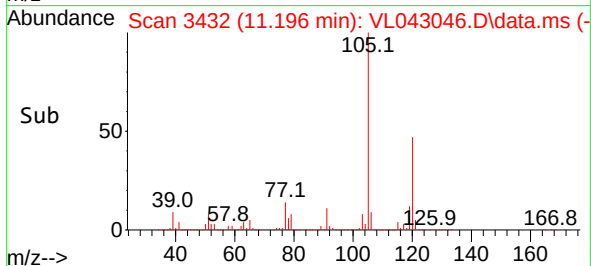
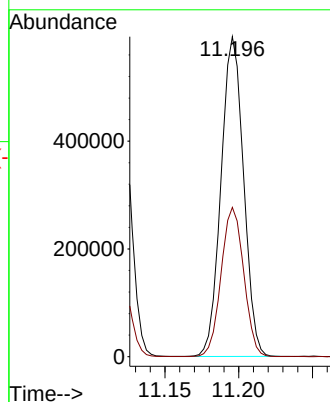
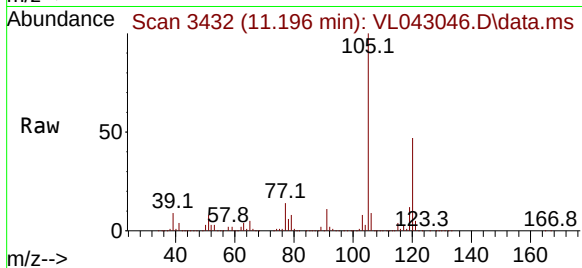
120 46.6 37.5 56.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/08/2025

Supervised By :Mahesh Dadoda 10/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.380 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Tgt Ion:105 Resp: 702152

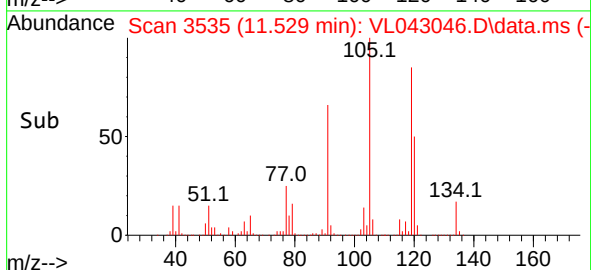
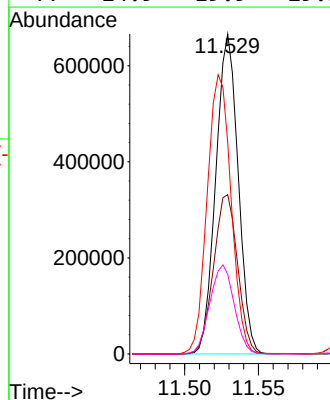
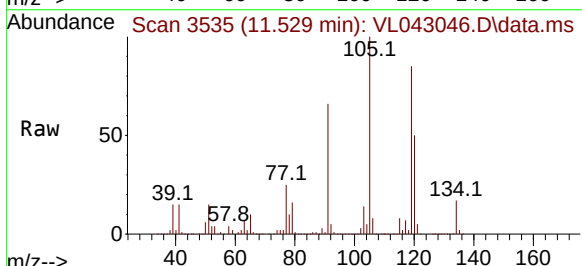
Ion Ratio Lower Upper

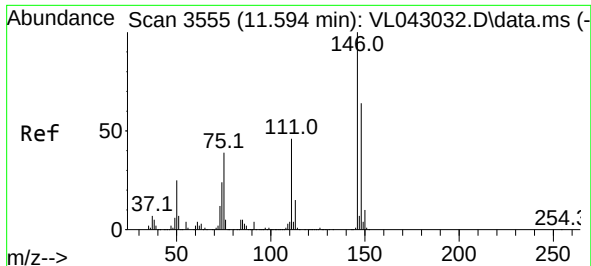
105 100

120 49.8 39.7 59.5

91 66.0 56.5 84.7

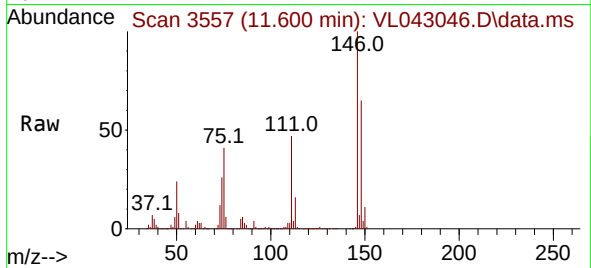
77 24.9 19.9 29.9





#75
1,3-Dichlorobenzene
Concen: 9.307 ppbv
RT: 11.600 min Scan# 3555
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

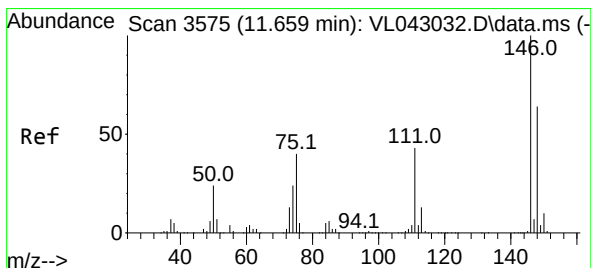
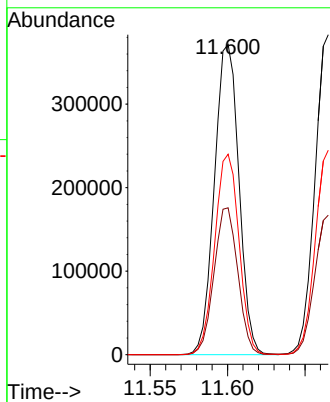
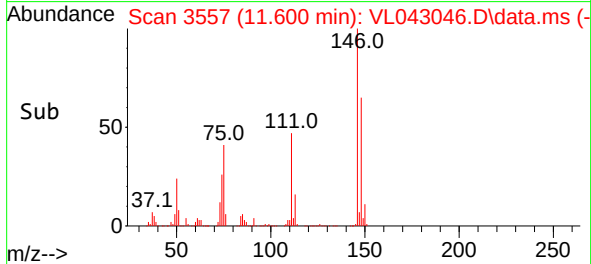
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01



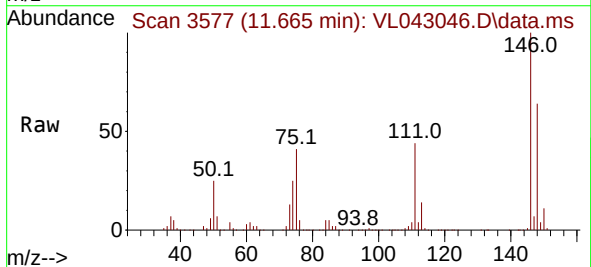
Tgt Ion:146 Resp: 409449
Ion Ratio Lower Upper
146 100
111 46.0 22.6 67.7
148 64.0 31.9 95.7

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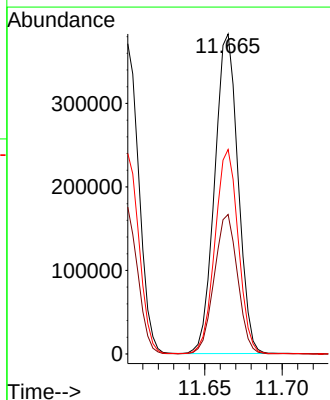
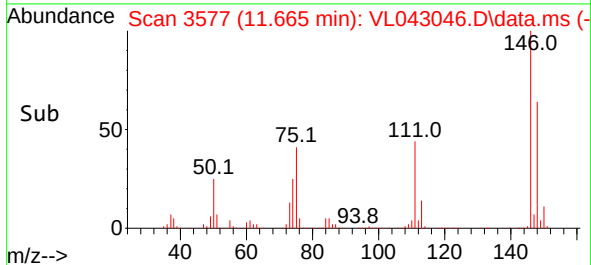
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025

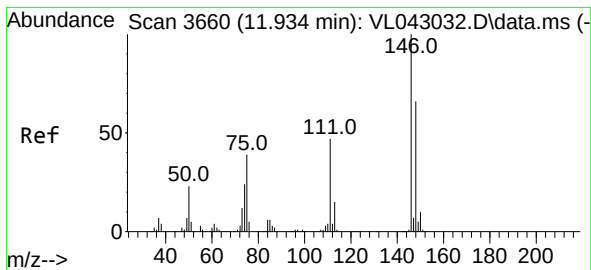


#76
1,4-Dichlorobenzene
Concen: 9.565 ppbv
RT: 11.665 min Scan# 3577
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12



Tgt Ion:146 Resp: 401258
Ion Ratio Lower Upper
146 100
111 43.9 21.7 65.1
148 64.1 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 8.892 ppbv

RT: 11.940 min Scan# 30

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

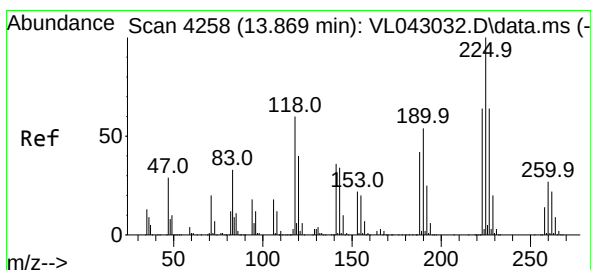
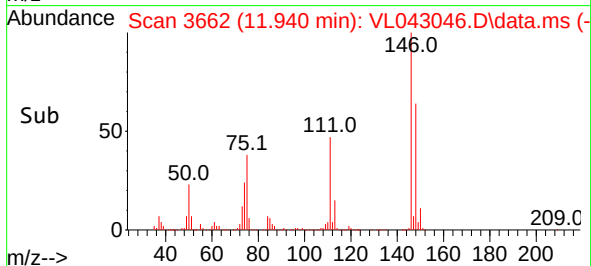
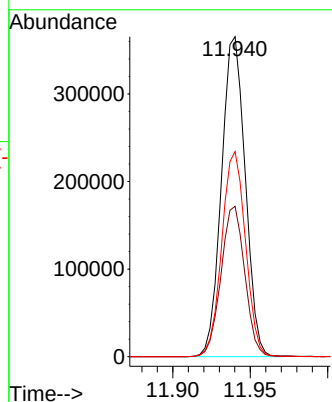
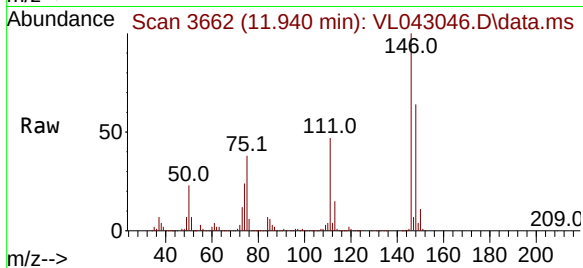
VL1006ABS01

Tgt Ion:	146	Resp:	38967
Ion Ratio	Lower	Upper	
146	100		
111	47.0	23.2	69.5
148	64.0	31.9	95.7

Manual Integrations

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Supervised By :Mahesh Dadoda 10/10/2025



#78

Hexachloro-1,3-Butadiene

Concen: 9.580 ppbv

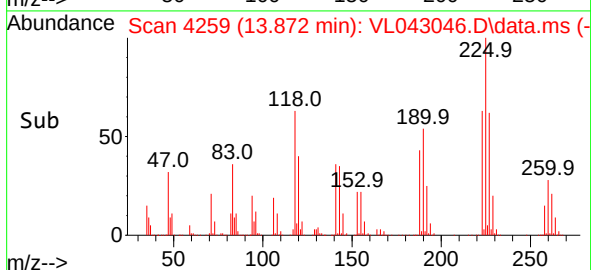
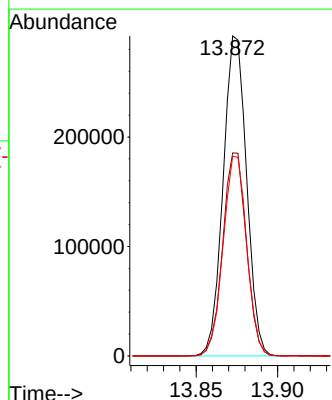
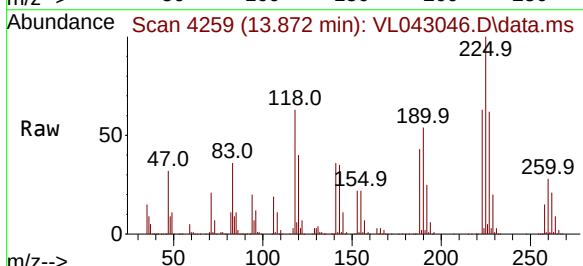
RT: 13.872 min Scan# 4259

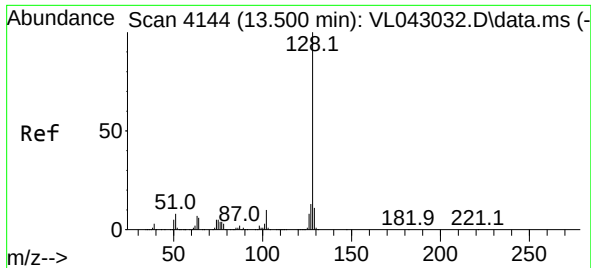
Delta R.T. 0.003 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Tgt Ion:	225	Resp:	292520
Ion Ratio	Lower	Upper	
225	100		
223	64.0	50.9	76.3
227	62.9	50.9	76.3





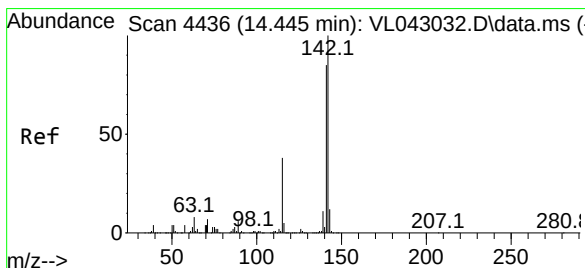
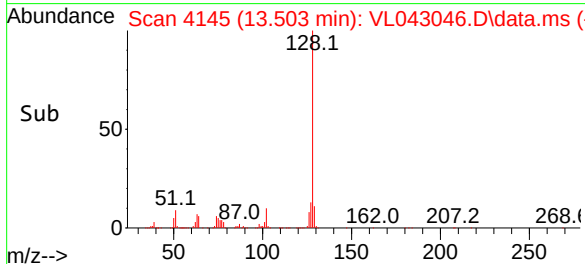
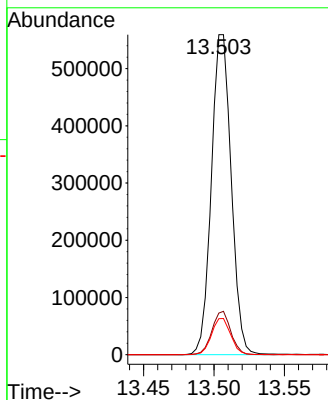
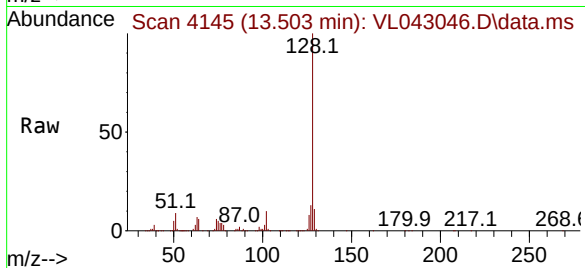
#79
Naphthalene
Concen: 9.592 ppbv
RT: 13.503 min Scan# 4144
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

Tgt Ion:128 Resp: 54856
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.3 8.8 13.2

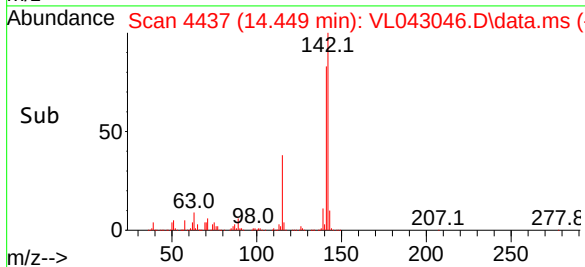
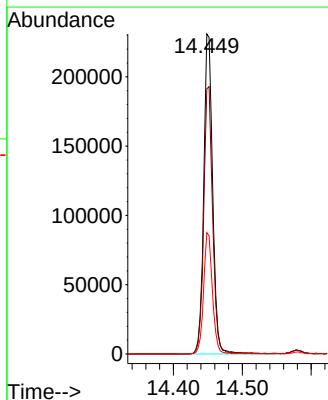
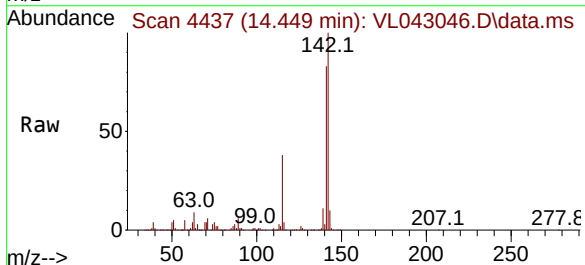
Manual Integrations
APPROVED

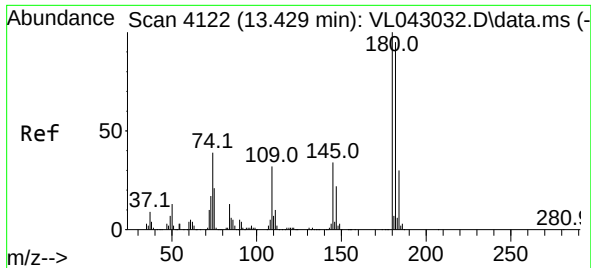
Reviewed By :Semsettin Yesilyurt 10/08/2025
Supervised By :Mahesh Dadoda 10/10/2025



#80
Naphthalene,2-methyl-
Concen: 7.891 ppbv
RT: 14.449 min Scan# 4437
Delta R.T. 0.004 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

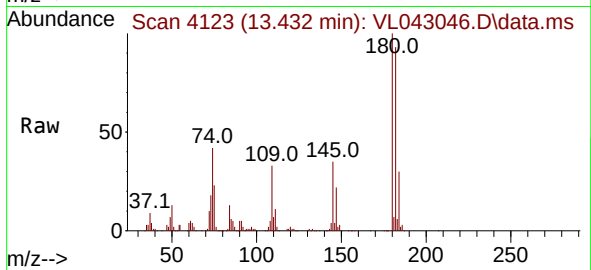
Tgt Ion:142 Resp: 207324
Ion Ratio Lower Upper
142 100
141 83.9 66.6 100.0
115 37.8 30.1 45.1





#81
 1,2,4-Trichlorobenzene
 Concen: 11.975 ppbv
 RT: 13.432 min Scan# 4123
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01



Tgt Ion:180	Resp:	31220
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.9 115.3
184	29.8	23.9 35.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/08/2025
 Supervised By :Mahesh Dadoda 10/10/2025

