

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042511.D
 Acq On : 07 May 2025 11:06
 Operator : SY/MD
 Sample : VL0507ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 08 01:23:11 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	80155	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	208881	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	176956	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 167060 10.183 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	127299	9.597	ppbv	100
3) Chlorodifluoromethane	1.476	51	135082	9.632	ppbv	99
4) Chloromethane	1.534	50	53037	9.567	ppbv	94
5) Vinyl Chloride	1.583	62	49875	8.935	ppbv	95
6) Bromomethane	1.670	94	24856	9.425	ppbv	91
7) Chloroethane	1.706	64	18795	9.119	ppbv	92
8) Dichlorotetrafluoroethane	1.557	85	107385	9.820	ppbv	99
9) Propene	1.486	41	42493	9.264	ppbv	95
10) Heptane	4.991	43	125573	10.554	ppbv	98
11) Trichlorofluoromethane	1.881	101	121762	9.948	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.143	101	96197	9.843	ppbv	100
13) Ethanol	1.722	45	6309	6.778	ppbv	91
14) Bromoethene	1.784	108	36257	10.049	ppbv	95
15) Acetone	1.839	43	116759	7.980	ppbv	99
16) 1,3-Butadiene	1.612	39	57835	8.962	ppbv	98
17) tert-Butyl alcohol	2.043	59	120383	9.338	ppbv	99
18) 1,1-Dichloroethene	2.036	96	43793	9.597	ppbv	96
19) Isopropyl Alcohol	1.887	45	74496	9.199	ppbv	100
20) Methylene Chloride	2.065	84	37612	8.550	ppbv	94
21) Allyl Chloride	2.098	41	89994	9.563	ppbv	99
22) trans-1,2-Dichloroethene	2.344	96	50958	9.561	ppbv	92
23) Vinyl Acetate	2.467	43	149633	10.715	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	106094	9.758	ppbv	99
25) Ethyl Acetate	2.842	43	238853	10.195	ppbv	99
26) Hexane	2.829	57	105673	10.353	ppbv	97
27) Carbon Disulfide	2.153	76	121065	10.164	ppbv	94
28) Methyl tert-Butyl Ether	2.444	73	57519	9.380	ppbv	99
29) Chloroform	2.852	83	189716	9.919	ppbv	99
30) Cyclohexane	3.865	84	86645	10.154	ppbv	97
31) cis-1,2-Dichloroethene	2.725	61	115183	9.673	ppbv	95
32) 1,1,1-Trichloroethane	3.376	97	195392	9.416	ppbv	98
34) 2-Butanone	2.564	43	153448	10.156	ppbv	96
35) Carbon Tetrachloride	3.768	117	201424	10.615	ppbv	93
36) Benzene	3.664	78	212511	10.781	ppbv	94
37) 1,2-Dichloroethane	3.224	62	157621	10.375	ppbv	99
38) Trichloroethene	4.557	130	79141	10.528	ppbv	89
39) 1,2-Dichloropropane	4.324	63	75860	10.280	ppbv	86
40) 1,4-Dioxane	4.593	88	33386	9.662	ppbv #	100
41) Tetrahydrofuran	3.062	42	77674	10.818	ppbv	98
42) Bromodichloromethane	4.499	83	202705	10.920	ppbv	98
43) Methyl Methacrylate	4.888	69	80789	10.983	ppbv	99
44) 2,2,4-Trimethylpentane	4.651	57	356173	11.147	ppbv	98
45) t-1,3-Dichloropropene	6.425	75	107738	11.164	ppbv	98

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 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 08 01:23:11 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

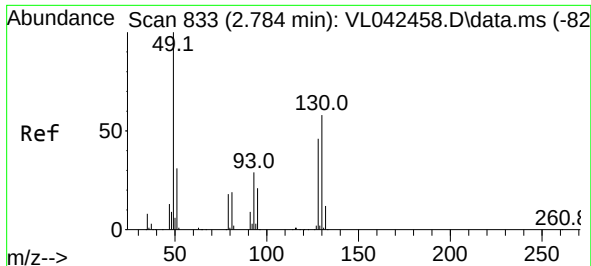
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	122464	10.677	ppbv	97
47) 1,1,2-Trichloroethane	6.593	97	84225	10.407	ppbv #	90
48) Dibromochloromethane	7.396	129	145141	10.623	ppbv	98
49) Bromoform	9.490	173	124085	10.829	ppbv	99
50) 4-Methyl-2-Pentanone	5.765	43	207560	10.861	ppbv	98
51) 2-Hexanone	7.444	43	166786	10.916	ppbv #	98
52) Tetrachloroethene	8.234	164	69218	9.226	ppbv	88
53) Toluene	6.946	91	229456	10.998	ppbv	99
54) 1,2-Dibromoethane	7.665	107	128612	10.394	ppbv	91
56) 1,1,1,2-Tetrachloroethane	8.933	131	111354	10.655	ppbv	98
57) Chlorobenzene	8.930	112	189405	10.652	ppbv	93
58) Ethyl Benzene	9.364	91	336319	11.373	ppbv	97
59) m/p-Xylene	9.558	91	580701m	23.423	ppbv	
60) o-Xylene	9.972	91	292756	11.794	ppbv	99
61) Styrene	9.882	104	110807	11.962	ppbv	99
62) Isopropylbenzene	10.545	105	414427	11.575	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	185060	10.814	ppbv	99
64) n-propylbenzene	10.995	120	103184	11.792	ppbv	97
65) tert-Butylbenzene	11.539	119	369640	11.569	ppbv	99
66) Benzyl Chloride	11.620	91	48974	13.261	ppbv	99
67) sec-Butylbenzene	11.772	105	525917	11.582	ppbv	99
69) p-Isopropyltoluene	11.930	119	445496	11.645	ppbv	100
70) n-Butylbenzene	12.287	91	461764	11.676	ppbv	99
71) 2-Chlorotoluene	10.908	91	323858	11.532	ppbv	100
72) 4-Ethyltoluene	11.131	105	353861	12.091	ppbv	100
73) 1,3,5-Trimethylbenzene	11.212	105	302462	11.751	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	342795	11.008	ppbv	96
75) 1,3-Dichlorobenzene	11.613	146	192047	11.077	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	188933	11.515	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	184903	10.896	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	157495	9.294	ppbv	99
79) Naphthalene	13.520	128	313419	11.955	ppbv	96
80) Naphthalene,2-methyl-	14.462	142	234458	12.033	ppbv	100
81) 1,2,4-Trichlorobenzene	13.445	180	153936	11.010	ppbv	98

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



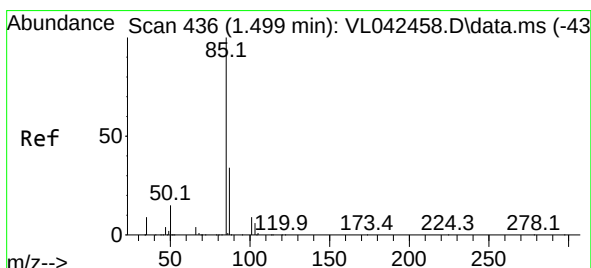
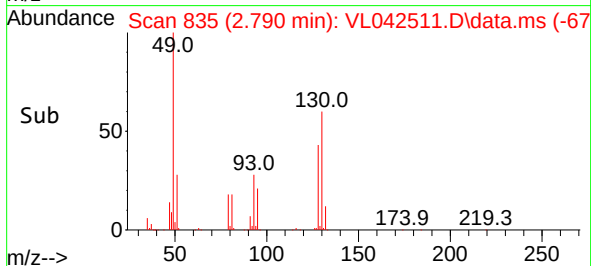
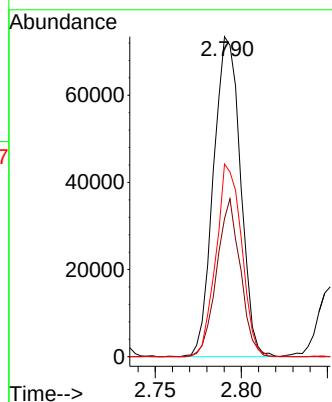
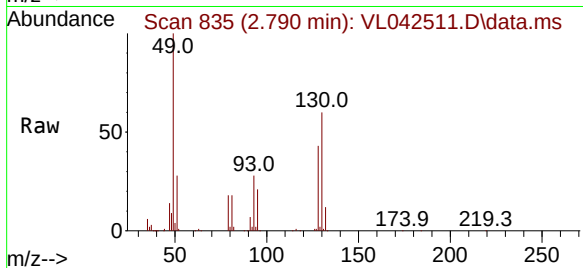
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01

Tgt Ion: 49 Resp: 8015
Ion Ratio Lower Upper
49 100
128 43.3 23.3 69.9
130 57.2 29.5 88.6

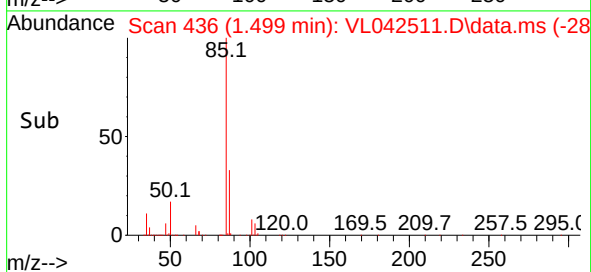
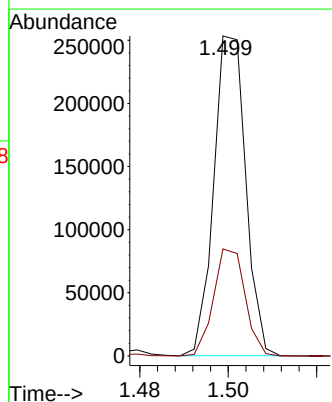
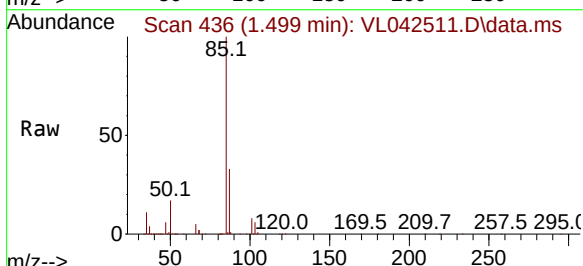
Manual Integrations
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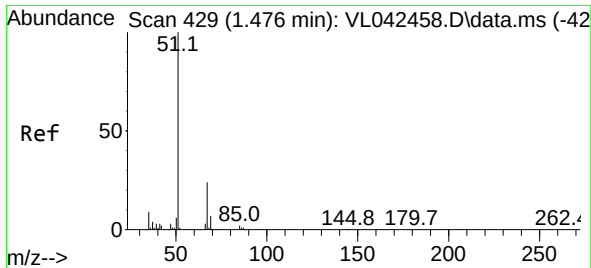
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 9.597 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion: 85 Resp: 127299
Ion Ratio Lower Upper
85 100
87 33.5 26.9 40.3





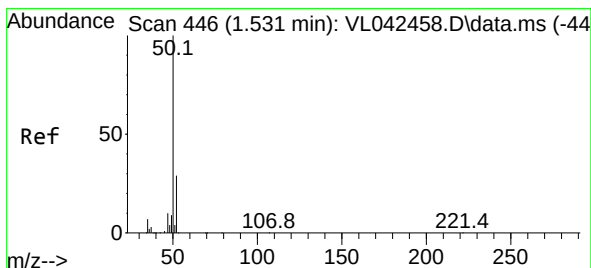
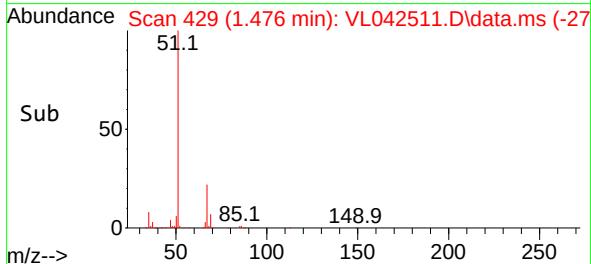
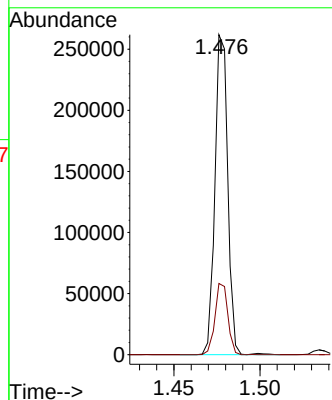
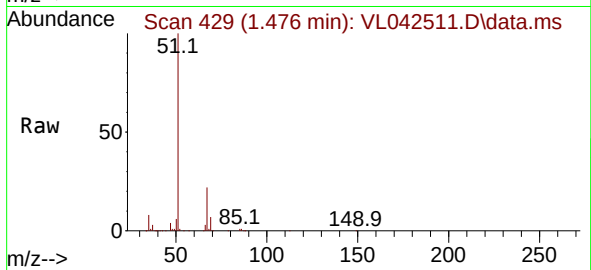
#3
Chlorodifluoromethane
Concen: 9.632 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01

Tgt Ion: 51 Resp: 13508
Ion Ratio Lower Upper
51 100
67 22.4 18.4 27.6

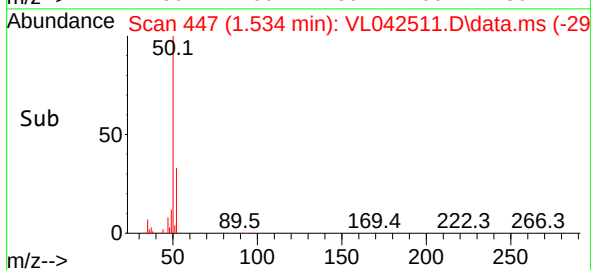
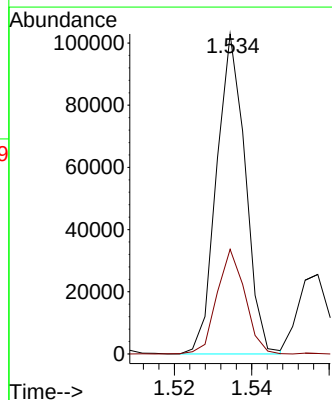
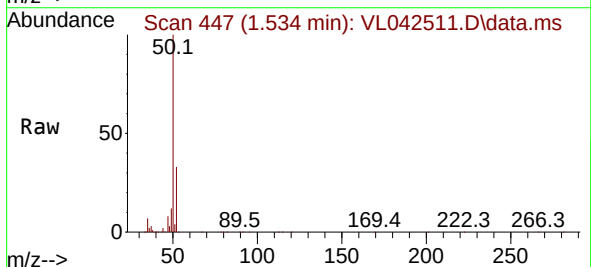
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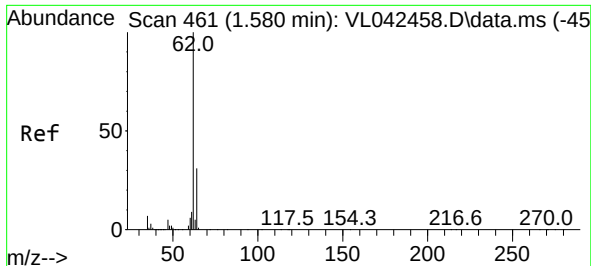
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 9.567 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

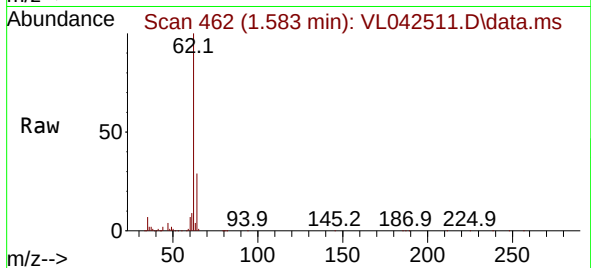
Tgt Ion: 50 Resp: 53037
Ion Ratio Lower Upper
50 100
52 32.6 23.5 35.3





#5
 Vinyl Chloride
 Concen: 8.935 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

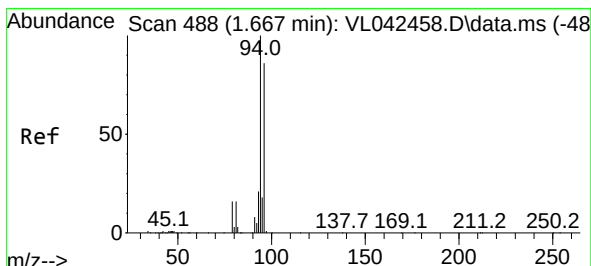
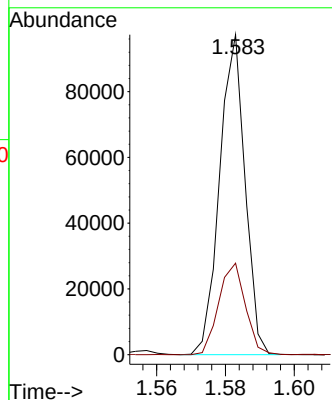
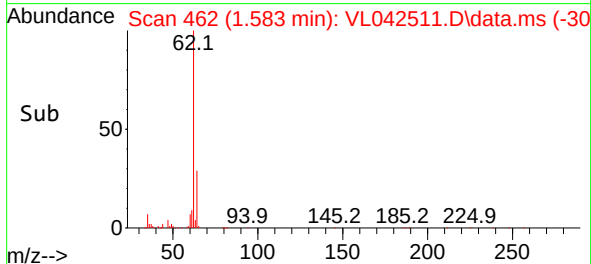
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABS01



Tgt Ion: 62 Resp: 49875
 Ion Ratio Lower Upper
 62 100
 64 28.6 24.9 37.3

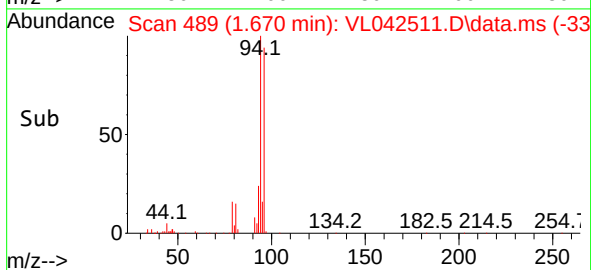
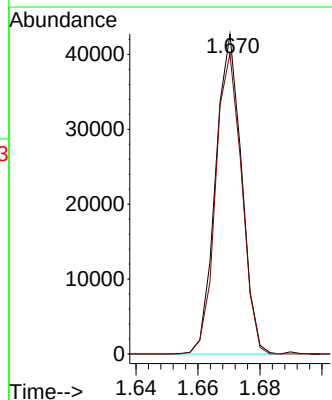
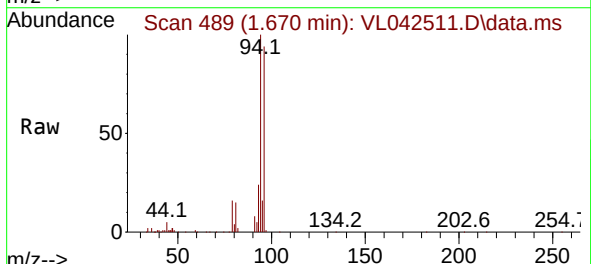
Manual Integrations
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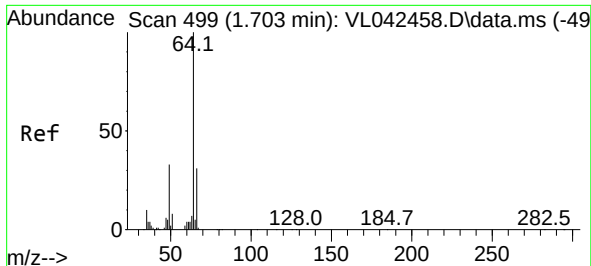
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#6
 Bromomethane
 Concen: 9.425 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

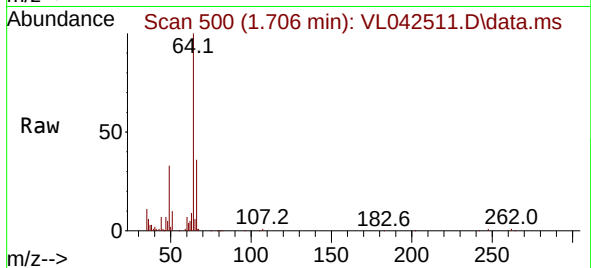
Tgt Ion: 94 Resp: 24856
 Ion Ratio Lower Upper
 94 100
 96 93.9 68.8 103.2





#7
Chloroethane
Concen: 9.119 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

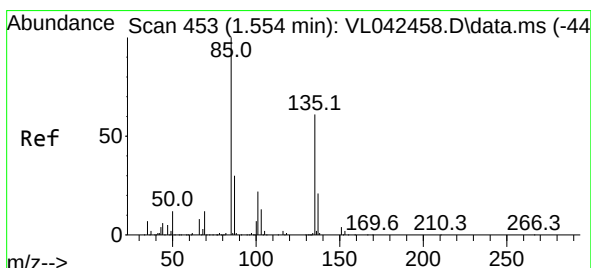
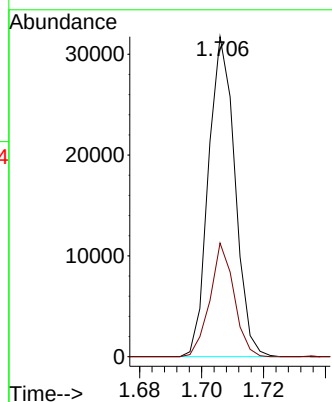
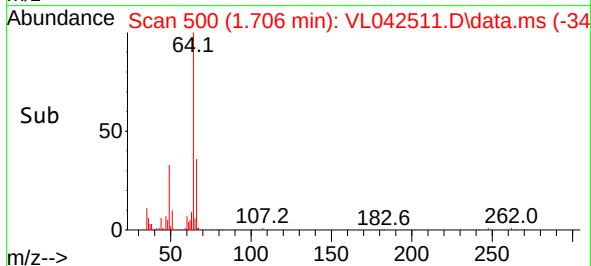
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



Tgt Ion: 64 Resp: 1879
Ion Ratio Lower Upper
64 100
66 35.5 25.0 37.4

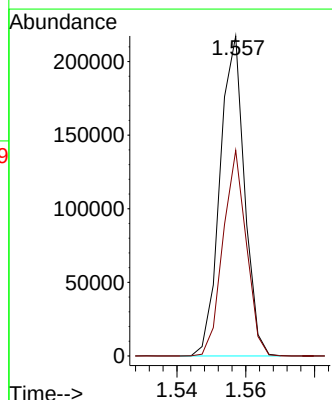
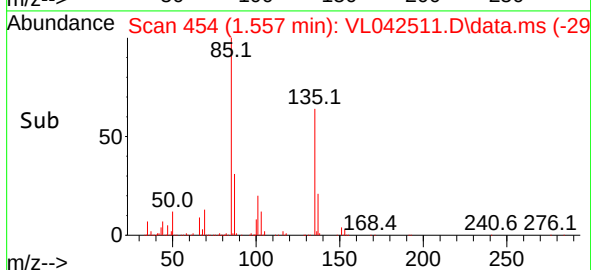
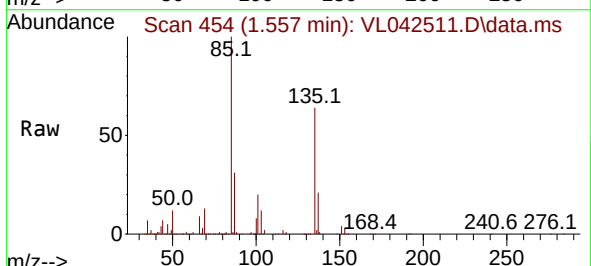
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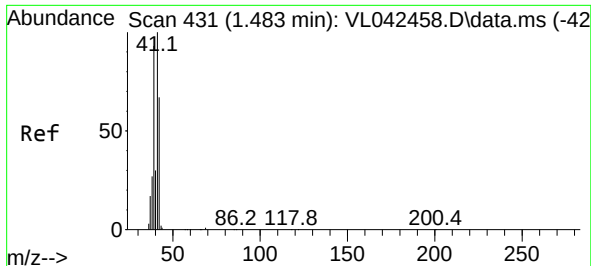
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#8
Dichlorotetrafluoroethane
Concen: 9.820 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion: 85 Resp: 107385
Ion Ratio Lower Upper
85 100
135 61.2 49.8 74.8





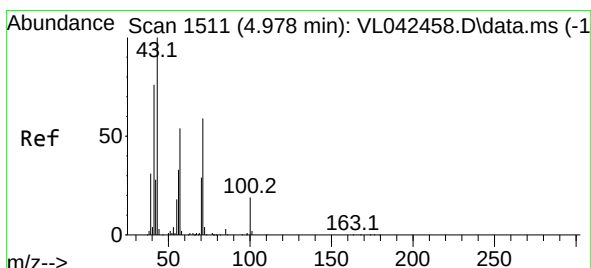
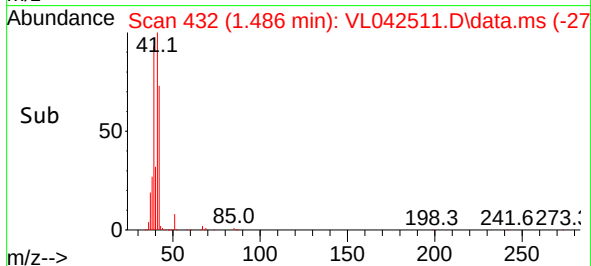
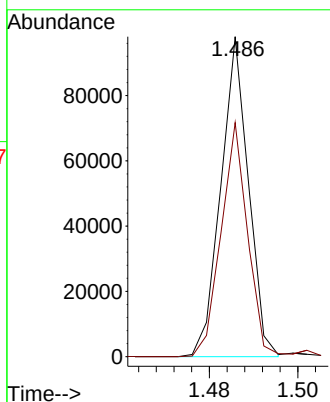
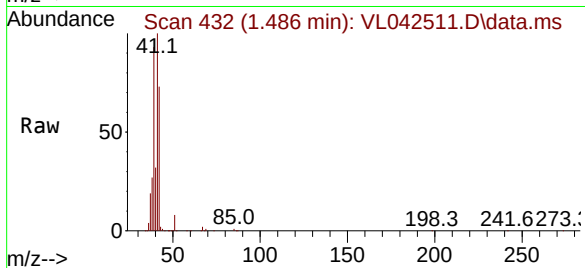
#9
 Propene
 Concen: 9.264 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABS01

Tgt Ion: 41 Resp: 4249
 Ion Ratio Lower Upper
 41 100
 42 72.1 54.3 81.5

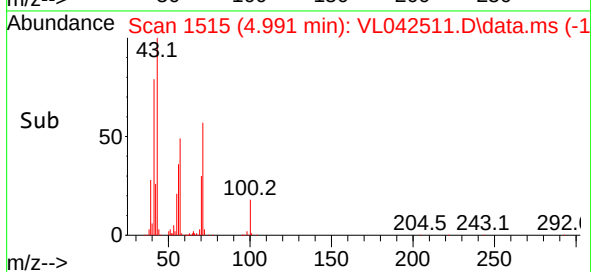
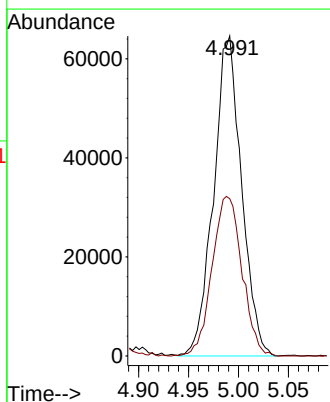
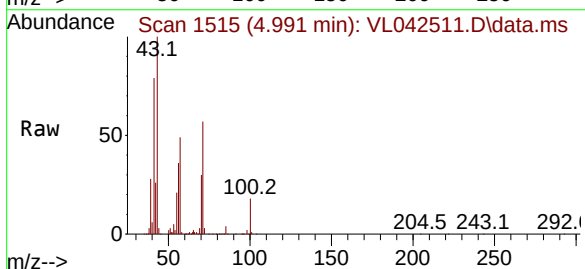
Manual Integrations
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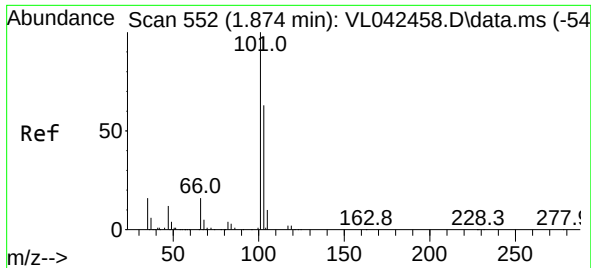
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#10
 Heptane
 Concen: 10.554 ppbv
 RT: 4.991 min Scan# 1515
 Delta R.T. 0.013 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

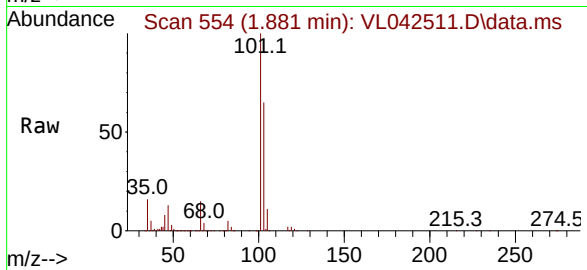
Tgt Ion: 43 Resp: 125573
 Ion Ratio Lower Upper
 43 100
 57 53.4 41.8 62.8





#11
 Trichlorofluoromethane
 Concen: 9.948 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.007 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

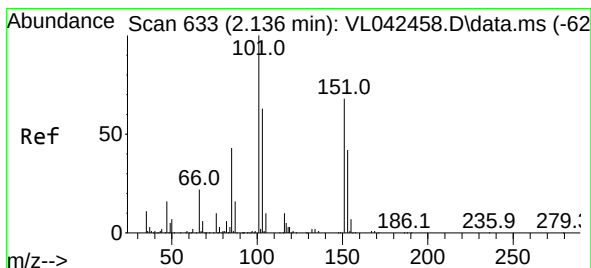
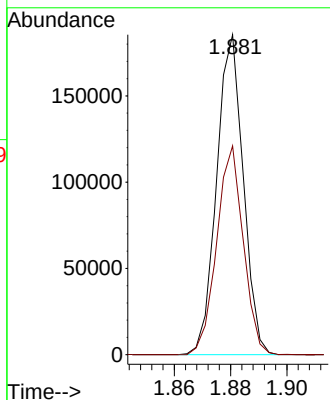
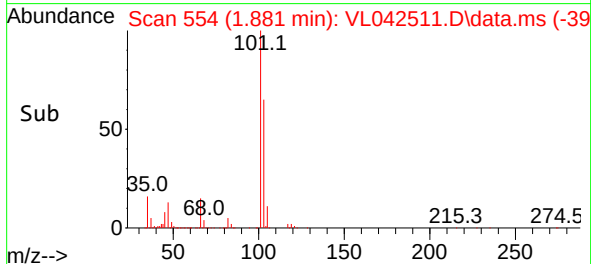
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 MSVOA_L
 ClientSampleId :
 VL0507ABS01



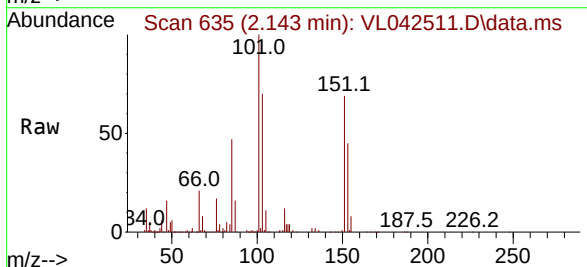
Tgt Ion:101 Resp: 121762
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.6 76.0

Manual Integrations
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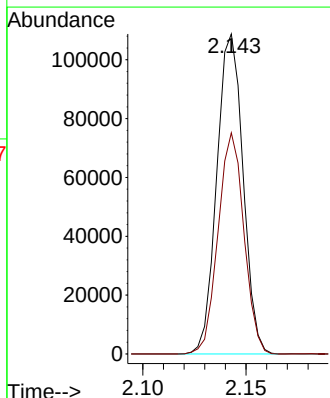
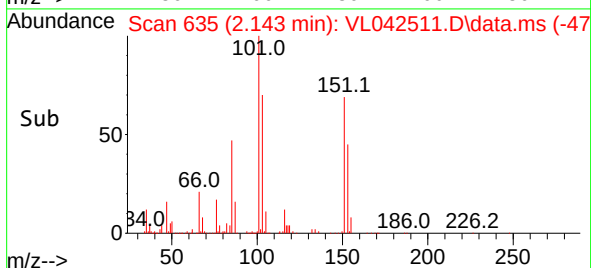
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

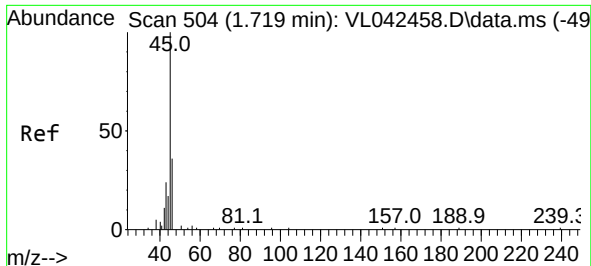


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.843 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.007 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06



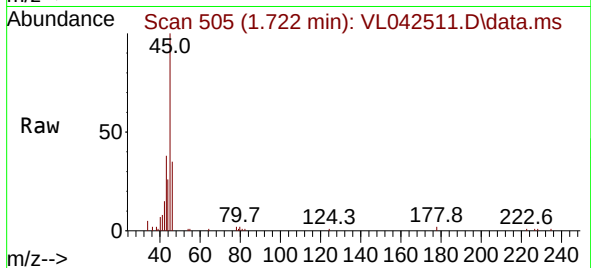
Tgt Ion:101 Resp: 96197
 Ion Ratio Lower Upper
 101 100
 151 68.0 54.6 82.0





#13
Ethanol
Concen: 6.778 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

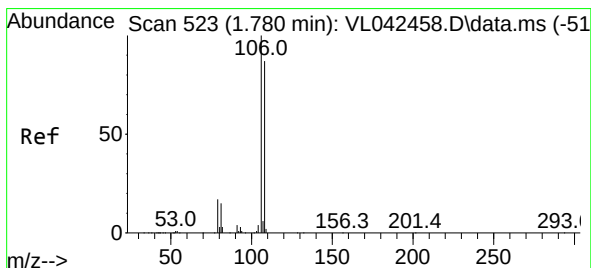
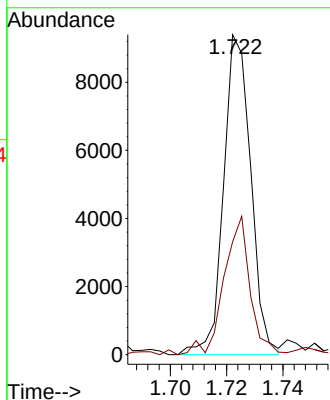
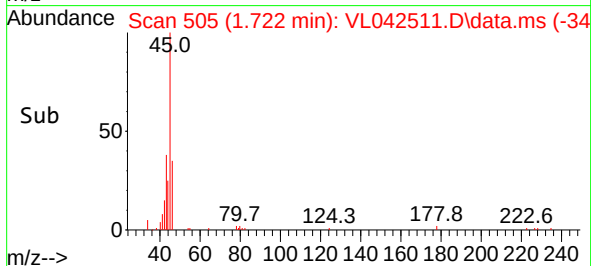
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



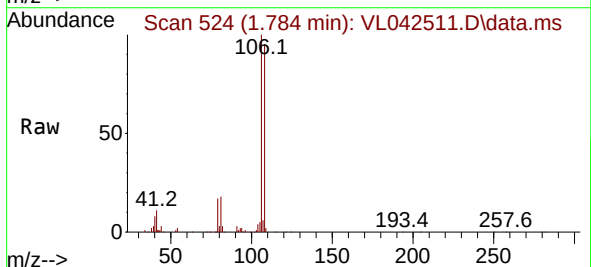
Tgt Ion: 45 Resp: 6309
Ion Ratio Lower Upper
45 100
46 43.9 15.3 61.1

Manual Integrations
APPROVED

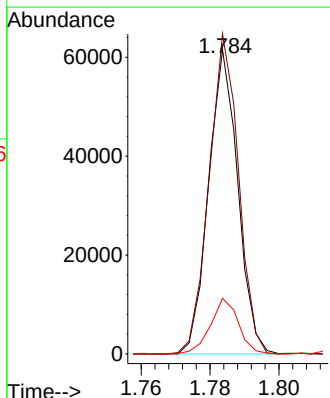
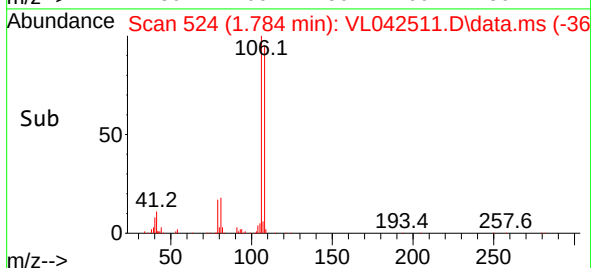
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

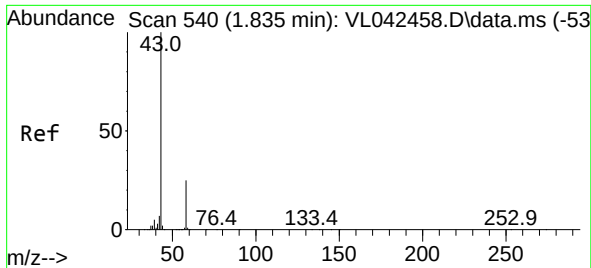


#14
Bromoethene
Concen: 10.049 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06



Tgt Ion:108 Resp: 36257
Ion Ratio Lower Upper
108 100
106 106.0 88.8 133.2
79 18.0 17.1 25.7





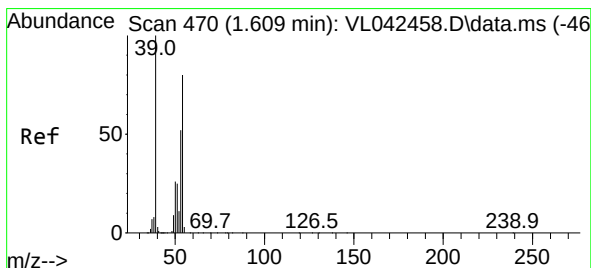
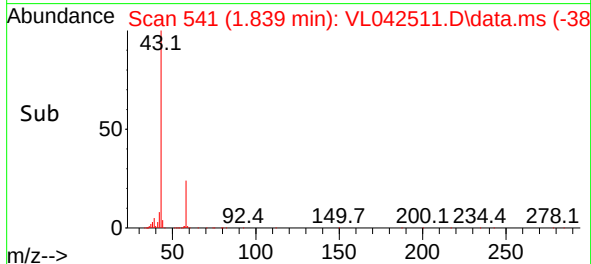
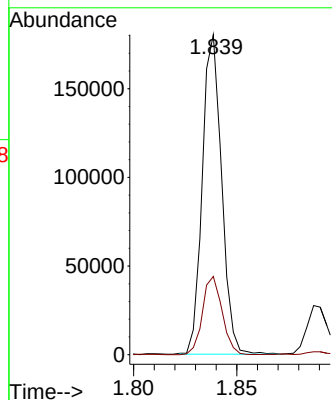
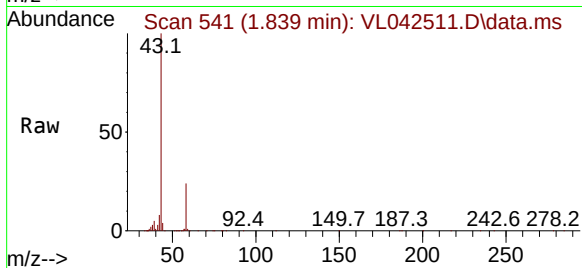
#15
Acetone
Concen: 7.980 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01

Tgt Ion: 43 Resp: 116759
Ion Ratio Lower Upper
43 100
58 25.1 19.8 29.8

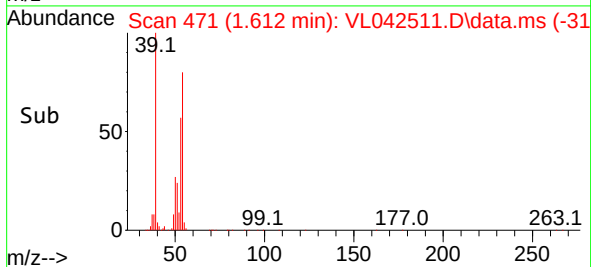
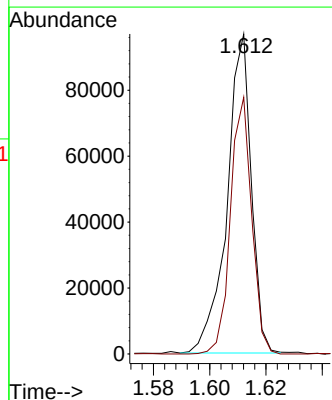
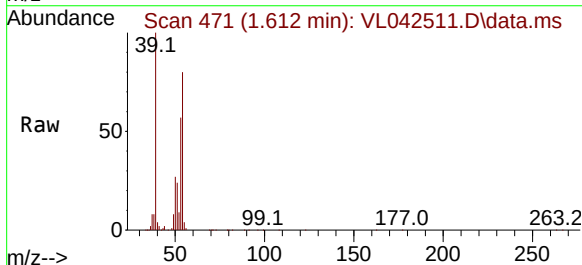
Manual Integrations
APPROVED

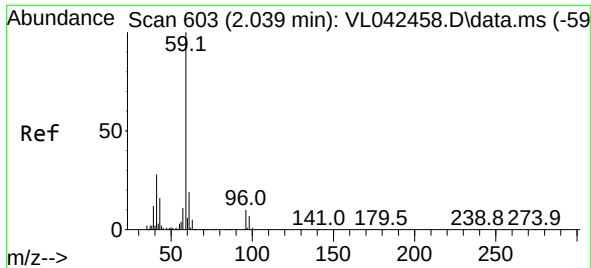
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
1,3-Butadiene
Concen: 8.962 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion: 39 Resp: 57835
Ion Ratio Lower Upper
39 100
54 70.5 55.2 82.8





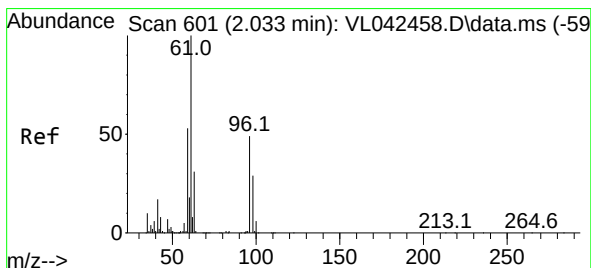
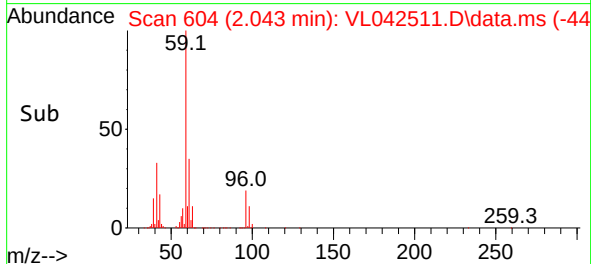
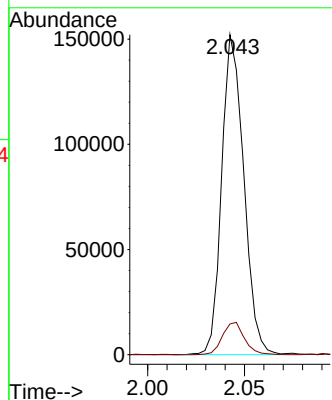
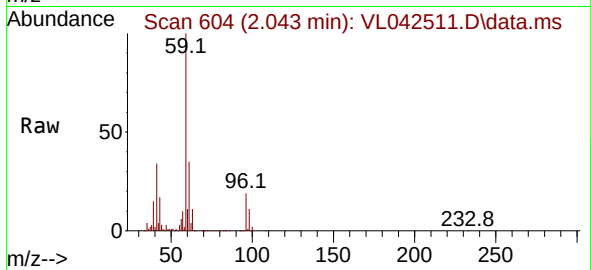
#17
tert-Butyl alcohol
Concen: 9.338 ppbv
RT: 2.043 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01

Tgt Ion: 59 Resp: 12038
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

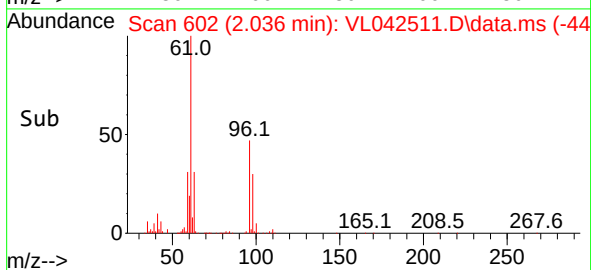
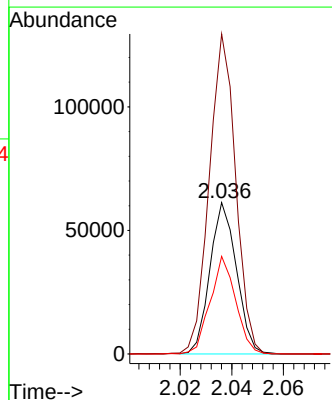
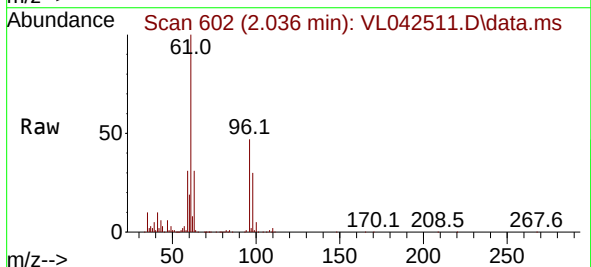
Manual Integrations
APPROVED

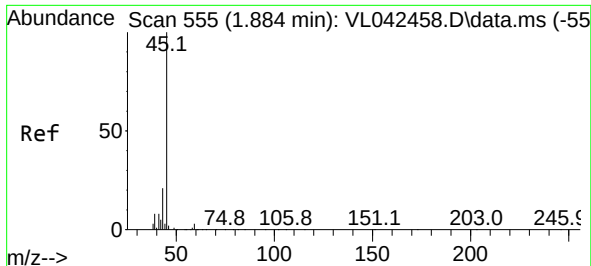
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#18
1,1-Dichloroethene
Concen: 9.597 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion: 96 Resp: 43793
Ion Ratio Lower Upper
96 100
61 211.4 164.9 247.3
98 64.4 48.2 72.2





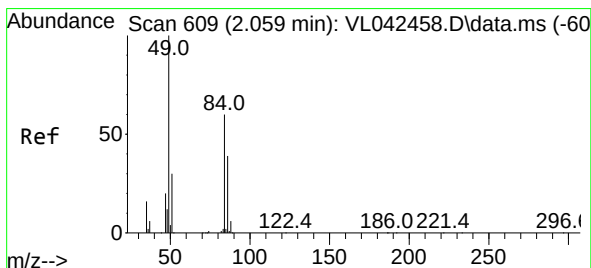
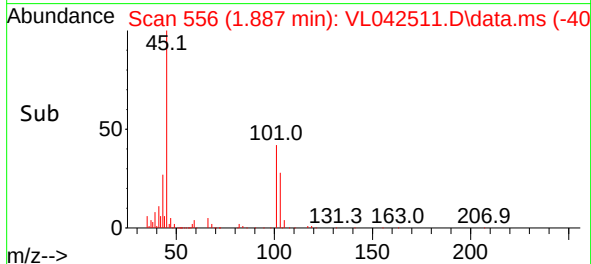
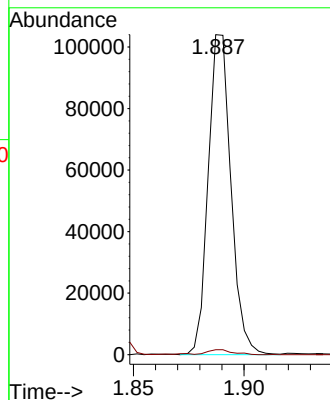
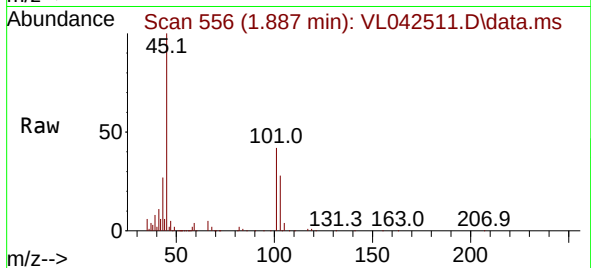
#19
Isopropyl Alcohol
Concen: 9.199 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01

Tgt Ion: 45 Resp: 74490
Ion Ratio Lower Upper
45 100
58 2.0 1.6 2.4

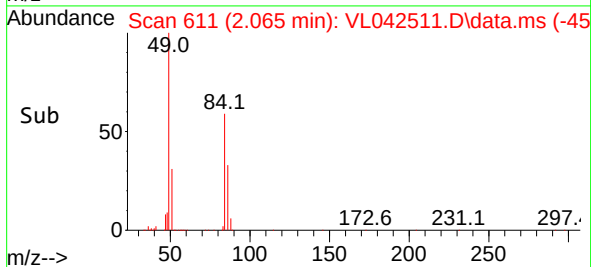
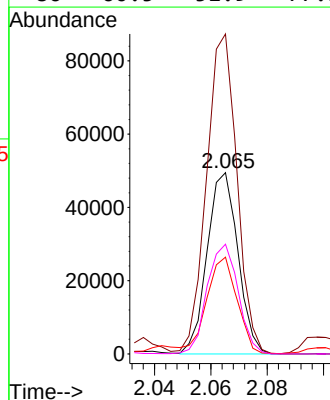
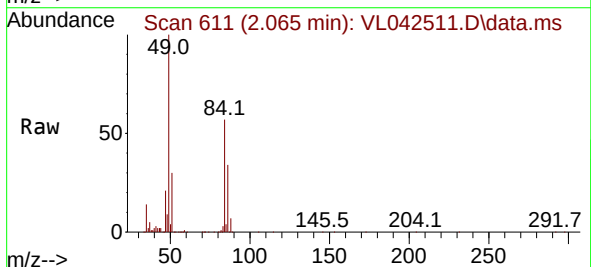
Manual Integrations
APPROVED

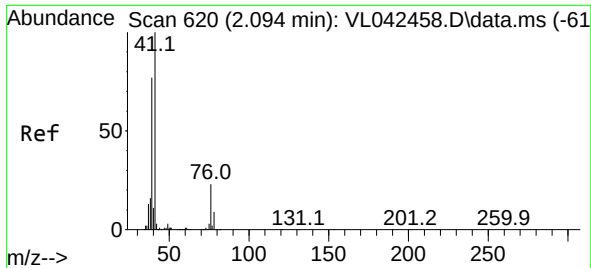
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#20
Methylene Chloride
Concen: 8.550 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion: 84 Resp: 37612
Ion Ratio Lower Upper
84 100
49 176.3 133.9 200.9
51 53.2 41.0 61.6
86 60.5 51.9 77.9





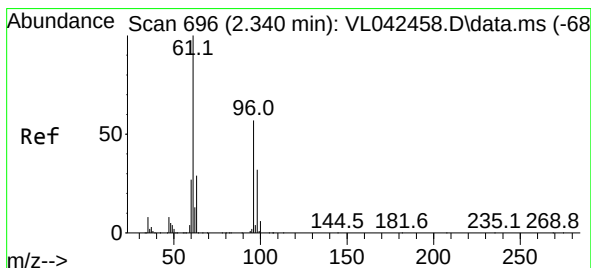
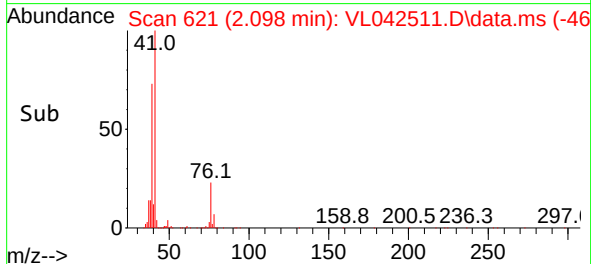
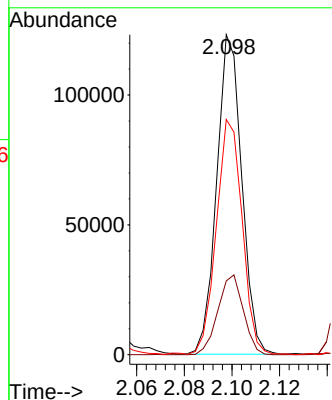
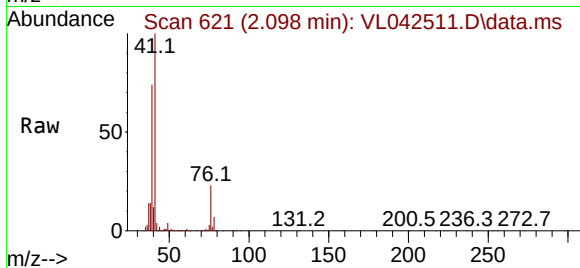
#21
 Allyl Chloride
 Concen: 9.563 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABS01

Tgt Ion: 41 Resp: 89994
 Ion Ratio Lower Upper
 41 100
 76 25.2 19.6 29.4
 39 75.0 61.0 91.4

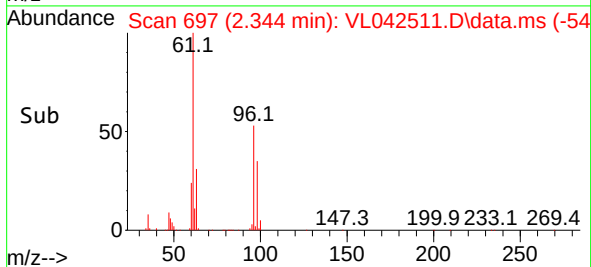
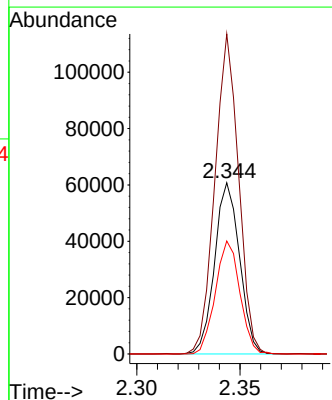
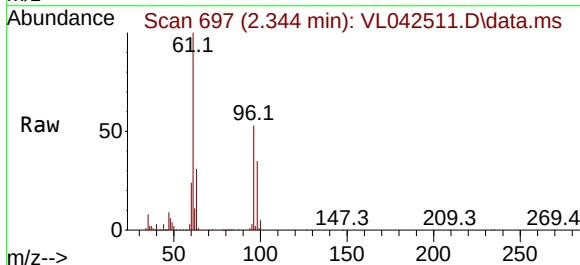
Manual Integrations
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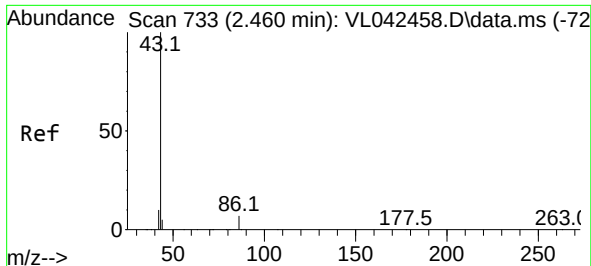
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.561 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

Tgt Ion: 96 Resp: 50958
 Ion Ratio Lower Upper
 96 100
 61 187.0 141.8 212.6
 98 66.0 45.0 67.6





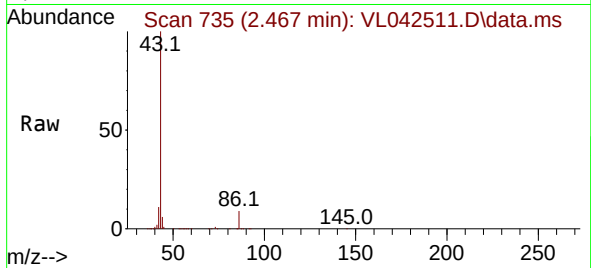
#23
 Vinyl Acetate
 Concen: 10.715 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.007 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VL0507ABS01

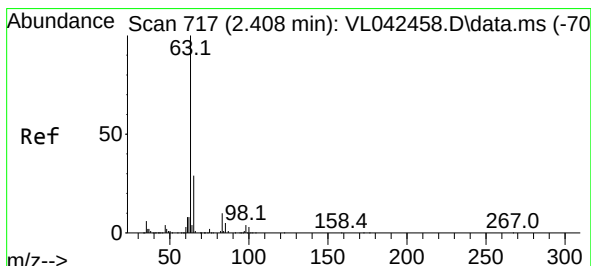
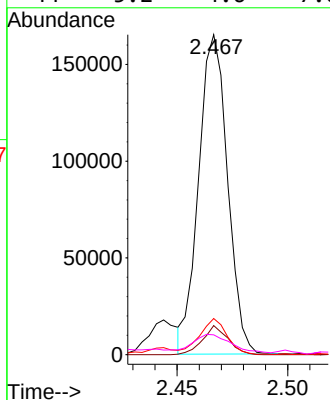
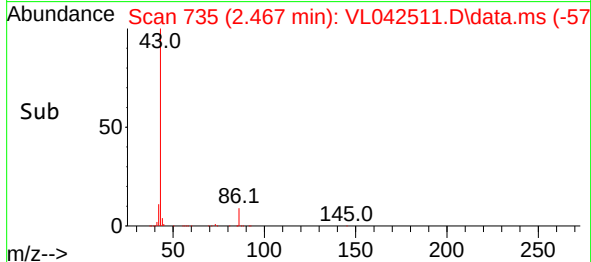


Tgt Ion: 43 Resp: 149633
 Ion Ratio Lower Upper
 43 100
 86 9.1 5.5 8.3
 42 11.2 8.3 12.5
 44 5.2 4.6 7.0

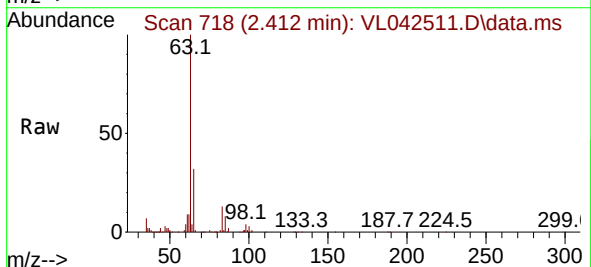
Manual Integrations

APPROVED

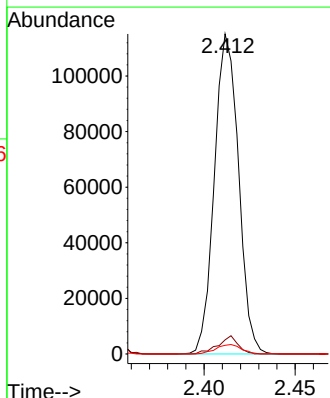
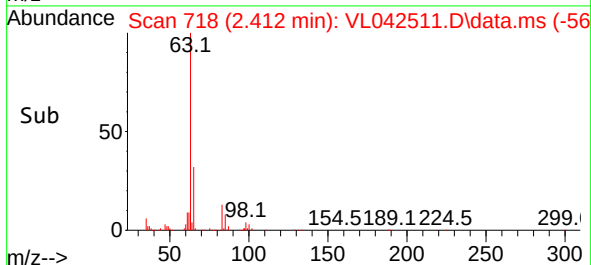
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

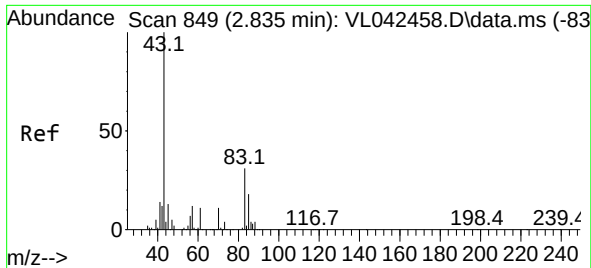


#24
 1,1-Dichloroethane
 Concen: 9.758 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06



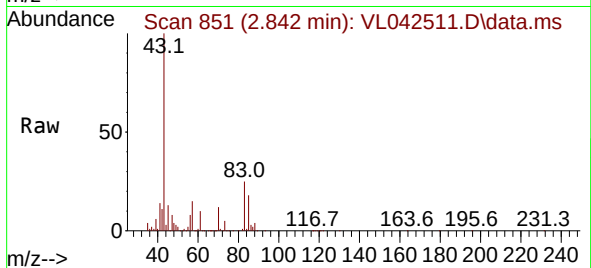
Tgt Ion: 63 Resp: 106094
 Ion Ratio Lower Upper
 63 100
 98 4.4 1.8 5.5
 100 2.7 1.4 4.2





#25
Ethyl Acetate
Concen: 10.195 ppbv
RT: 2.842 min Scan# 849
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

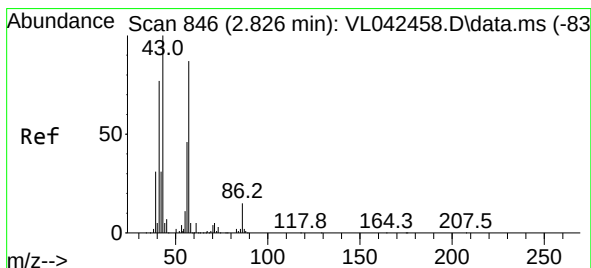
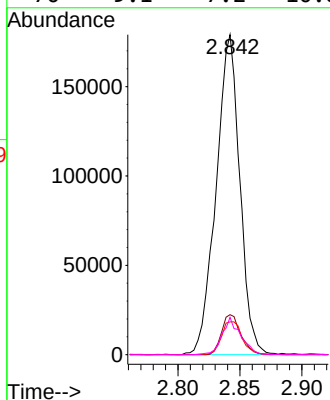
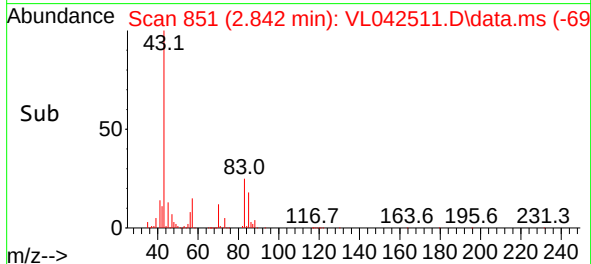
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



Tgt Ion: 43 Resp: 23885
Ion Ratio Lower Upper
43 100
45 10.2 7.8 11.6
61 9.1 7.2 10.8
70 9.1 7.2 10.8

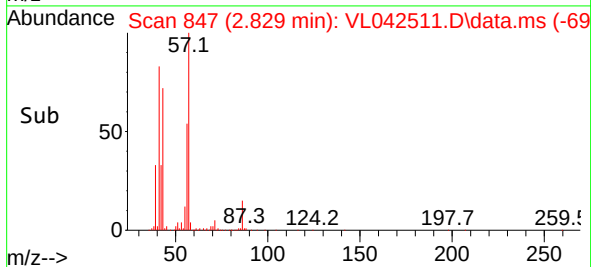
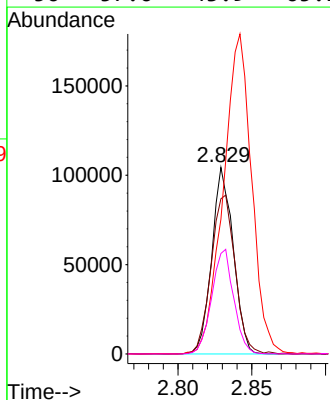
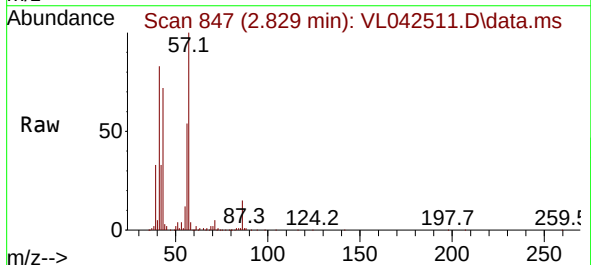
Manual Integrations
APPROVED

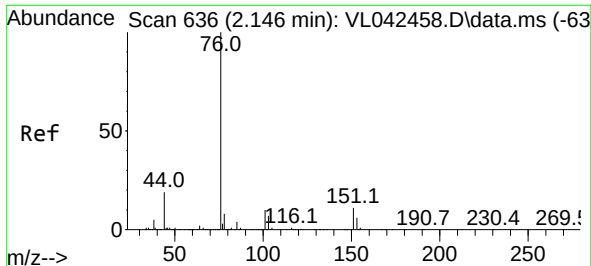
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#26
Hexane
Concen: 10.353 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

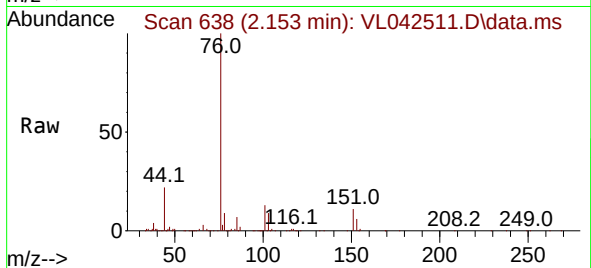
Tgt Ion: 57 Resp: 105673
Ion Ratio Lower Upper
57 100
41 95.9 77.8 116.8
43 227.3 187.0 280.6
56 57.6 43.9 65.9





#27
Carbon Disulfide
Concen: 10.164 ppbv
RT: 2.153 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

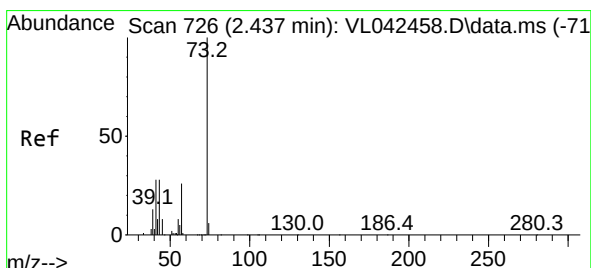
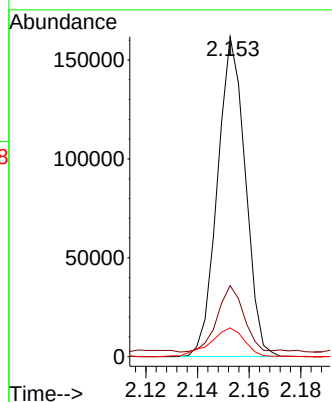
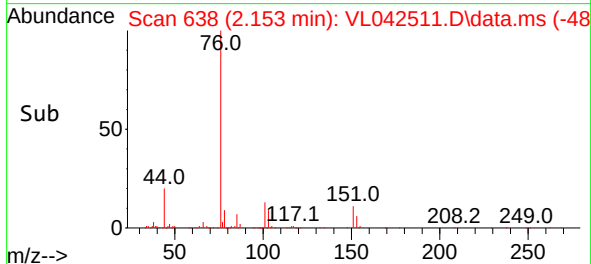
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



Tgt Ion: 76 Resp: 12106
Ion Ratio Lower Upper
76 100
44 21.9 21.0 31.6
78 11.2 8.6 13.0

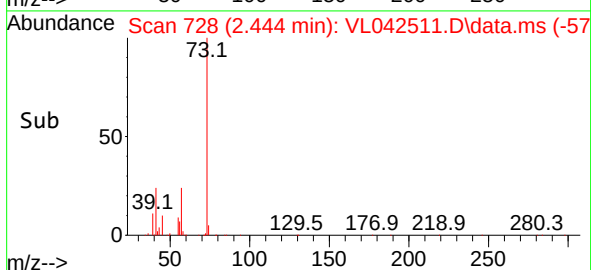
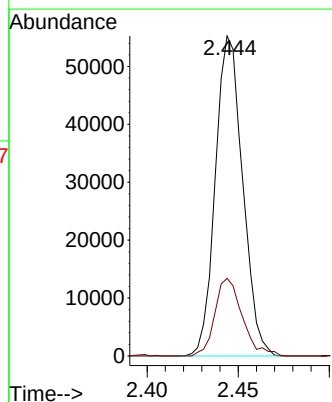
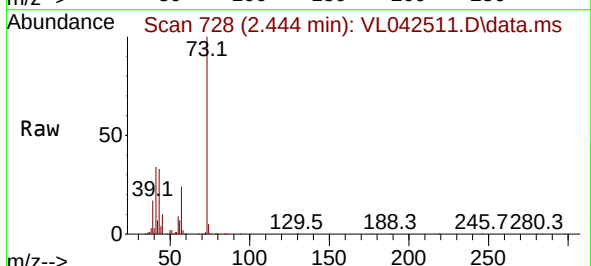
Manual Integrations
APPROVED

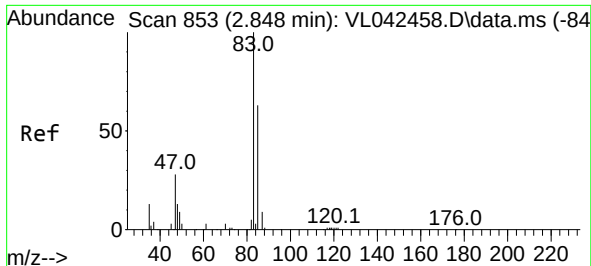
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#28
Methyl tert-Butyl Ether
Concen: 9.380 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion: 73 Resp: 57519
Ion Ratio Lower Upper
73 100
57 24.6 19.9 29.9





#29

Chloroform

Concen: 9.919 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VL0507ABS01

Tgt Ion: 83 Resp: 189710

Ion Ratio Lower Upper

83 100

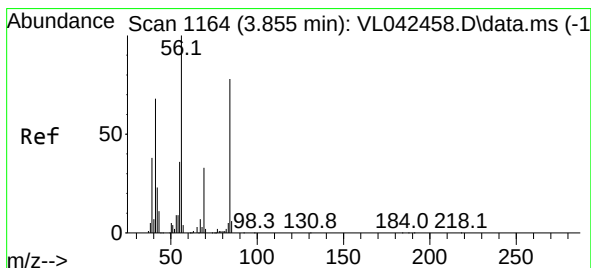
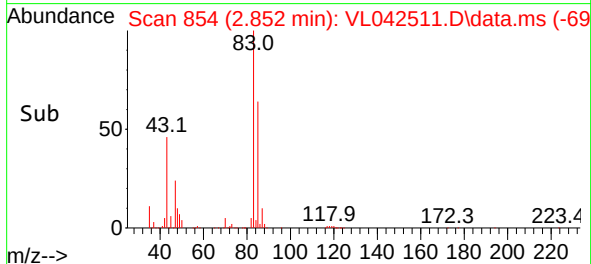
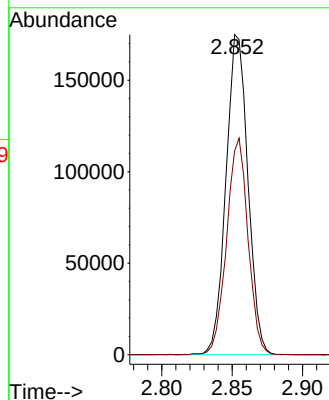
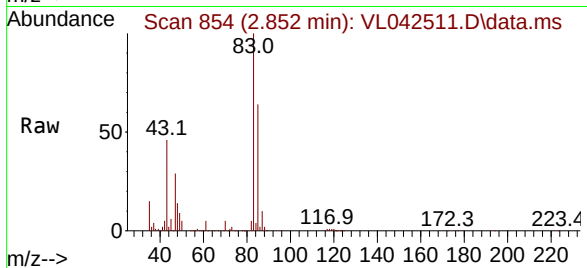
85 63.7 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#30

Cyclohexane

Concen: 10.154 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

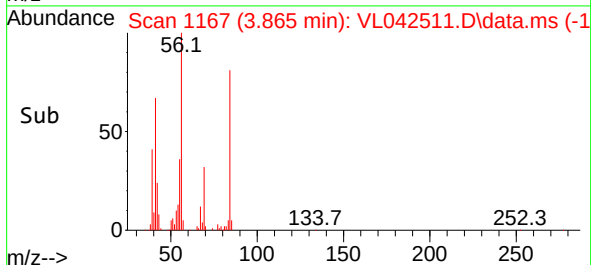
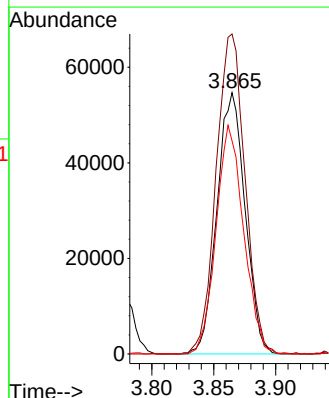
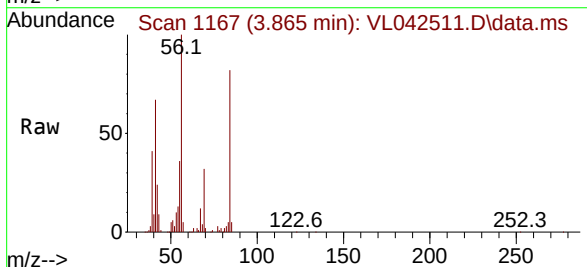
Tgt Ion: 84 Resp: 86645

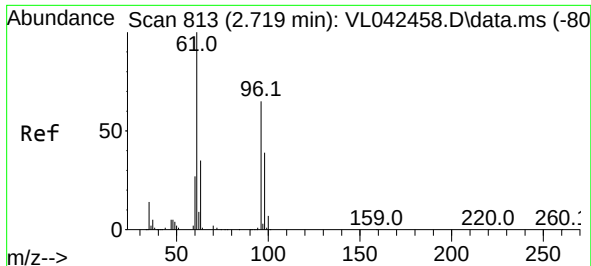
Ion Ratio Lower Upper

84 100

56 125.5 98.1 147.1

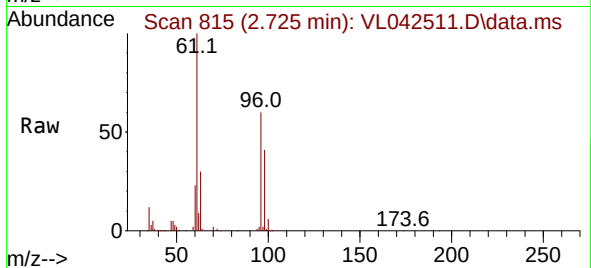
41 85.7 65.8 98.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.673 ppbv
 RT: 2.725 min Scan# 813
 Delta R.T. 0.007 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

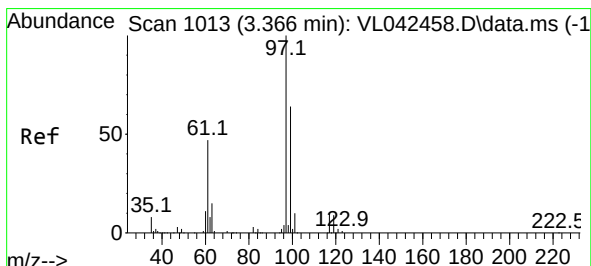
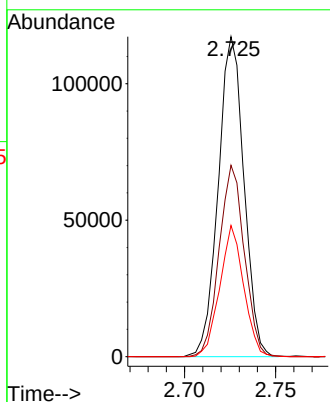
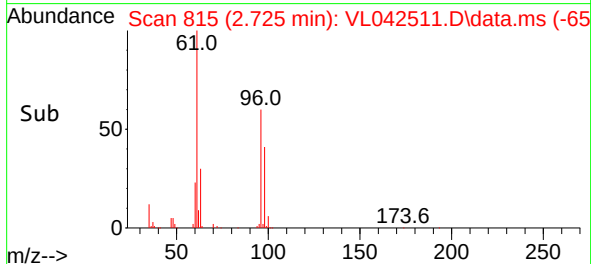
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABS01



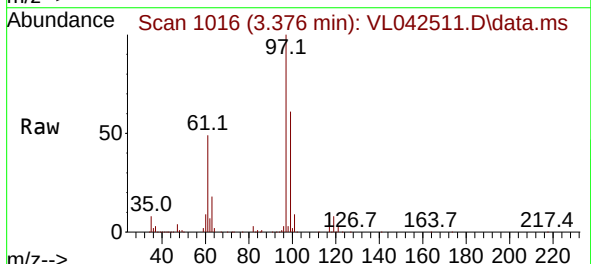
Tgt Ion: 61 Resp: 11518
 Ion Ratio Lower Upper
 61 100
 96 59.8 52.0 78.0
 98 41.0 31.0 46.6

Manual Integrations
 APPROVED

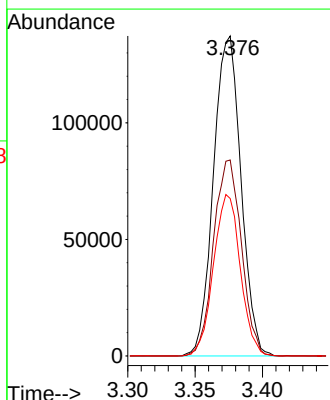
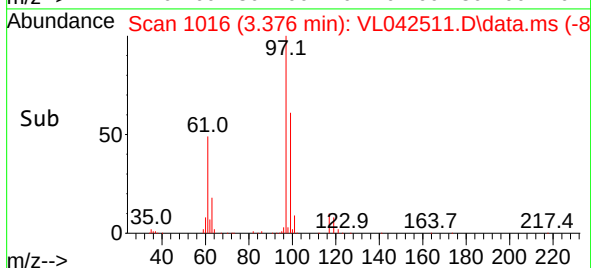
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

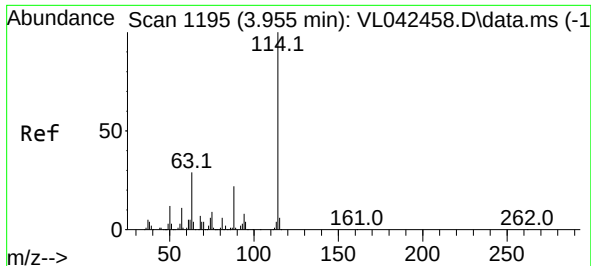


#32
 1,1,1-Trichloroethane
 Concen: 9.416 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.010 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06



Tgt Ion: 97 Resp: 195392
 Ion Ratio Lower Upper
 97 100
 99 61.8 50.7 76.1
 61 49.2 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.010 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VL0507ABS01

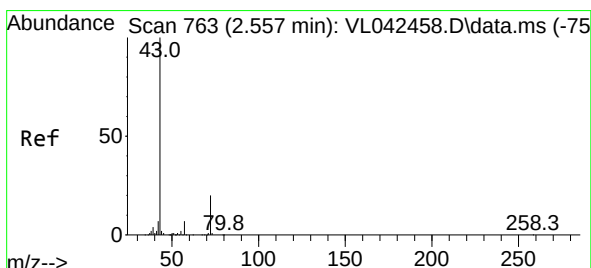
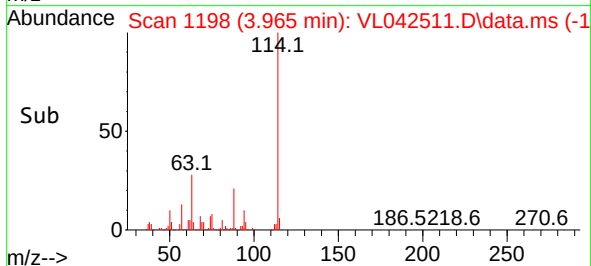
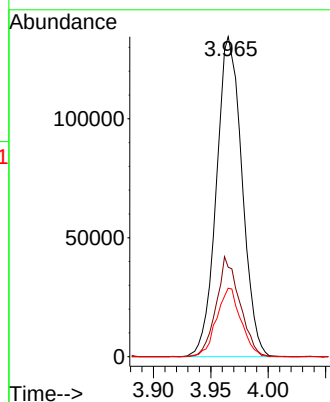
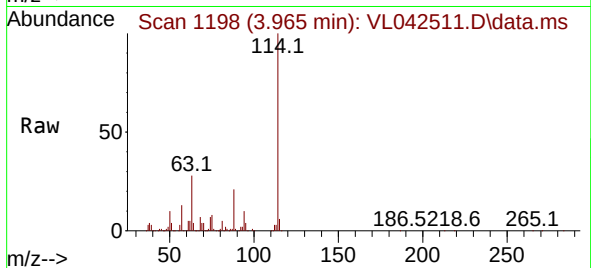
Tgt Ion:114 Resp: 20888

Ion	Ratio	Lower	Upper
114	100		
63	28.7	23.1	34.7
88	20.4	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 10.156 ppbv

RT: 2.564 min Scan# 765

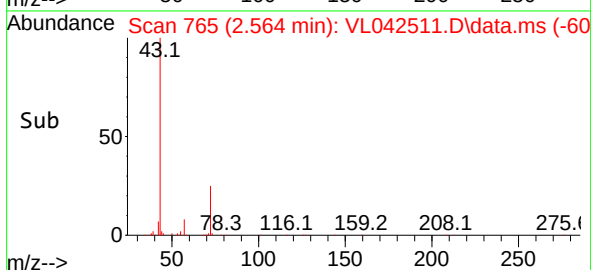
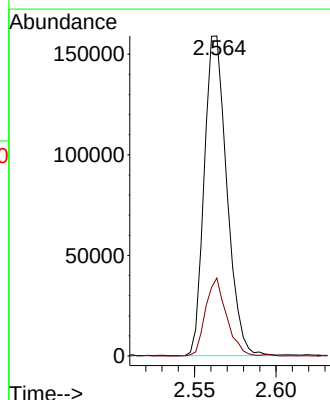
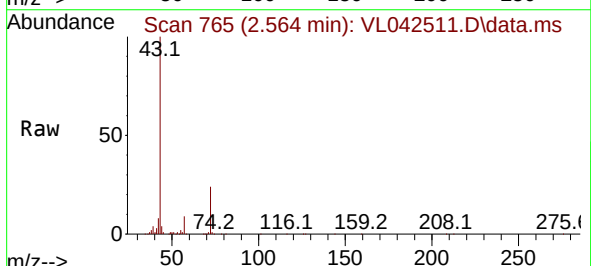
Delta R.T. 0.007 min

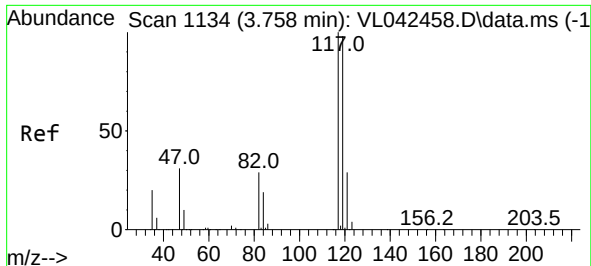
Lab File: VL042511.D

Acq: 07 May 2025 11:06

Tgt Ion: 43 Resp: 153448

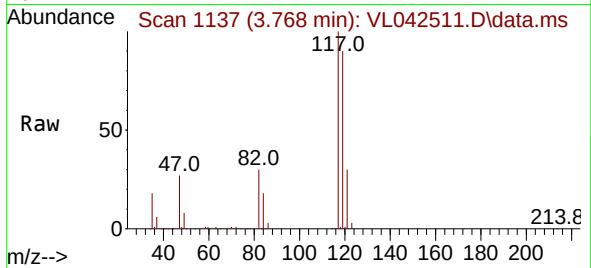
Ion	Ratio	Lower	Upper
43	100		
72	22.9	16.7	25.1





#35
Carbon Tetrachloride
Concen: 10.615 ppbv
RT: 3.768 min Scan# 1134
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

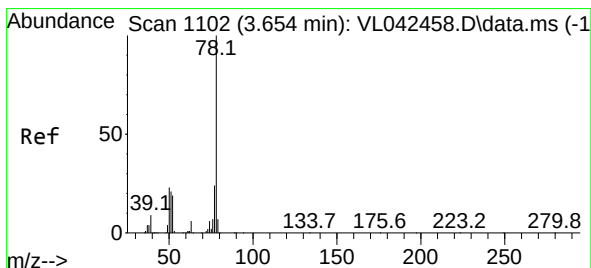
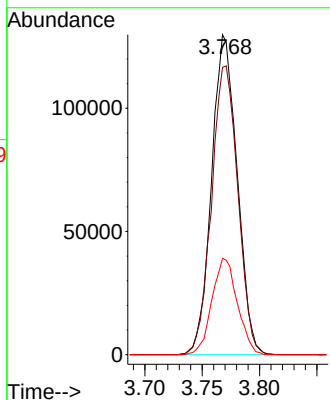
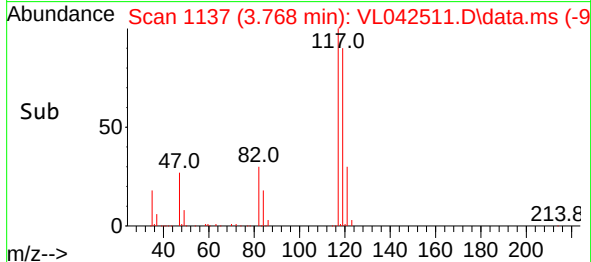
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



Tgt Ion: 117 Resp: 201424
Ion Ratio Lower Upper
117 100
119 89.8 78.1 117.1
121 30.1 23.0 34.6

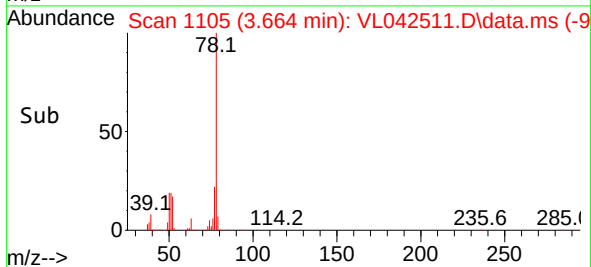
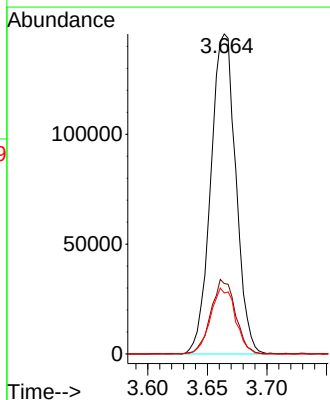
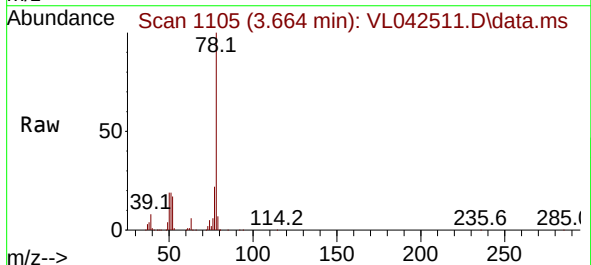
Manual Integrations
APPROVED

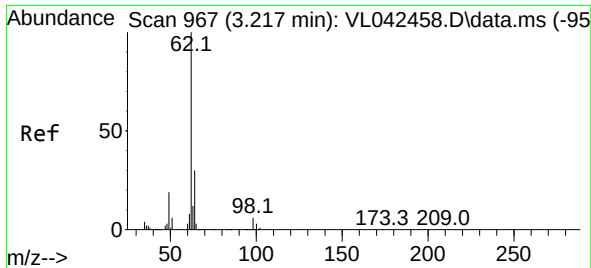
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#36
Benzene
Concen: 10.781 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion: 78 Resp: 212511
Ion Ratio Lower Upper
78 100
77 21.9 18.9 28.3
50 19.0 18.4 27.6





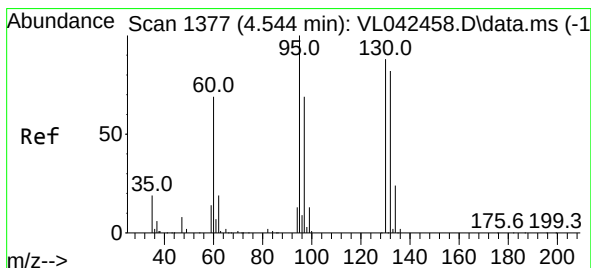
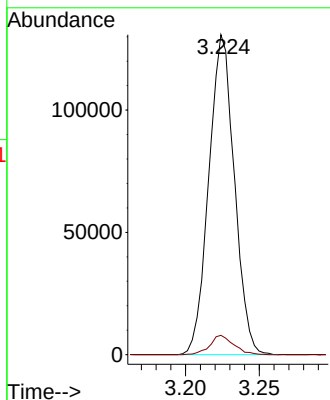
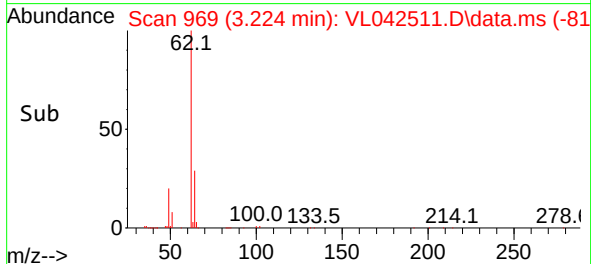
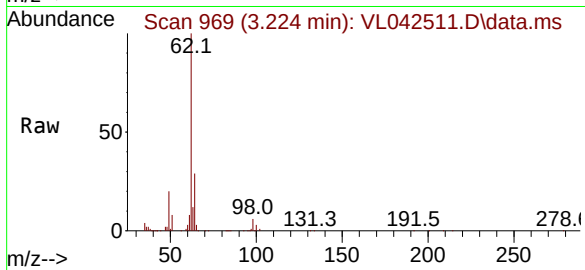
#37
1,2-Dichloroethane
Concen: 10.375 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01

Tgt Ion: 62 Resp: 15762
Ion Ratio Lower Upper
62 100
98 5.6 4.3 6.5

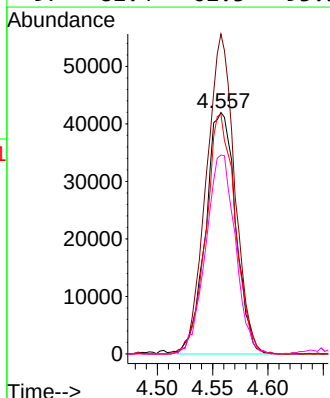
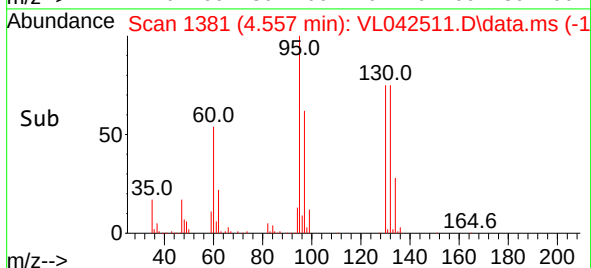
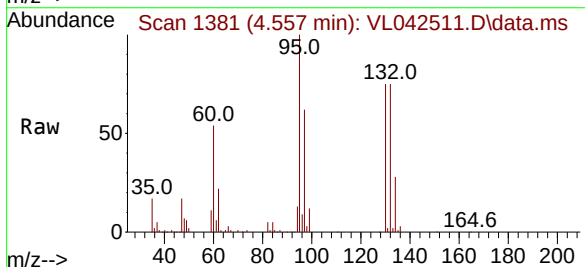
Manual Integrations
APPROVED

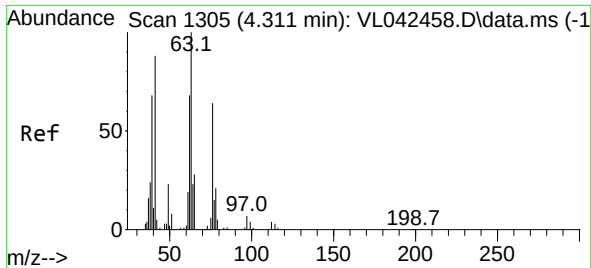
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 10.528 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. 0.013 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

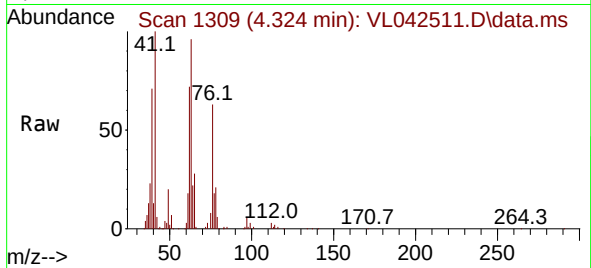
Tgt Ion:130 Resp: 79141
Ion Ratio Lower Upper
130 100
95 132.6 91.0 136.4
132 99.3 74.2 111.4
97 82.4 62.3 93.5





#39
1,2-Dichloropropane
Concen: 10.280 ppbv
RT: 4.324 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

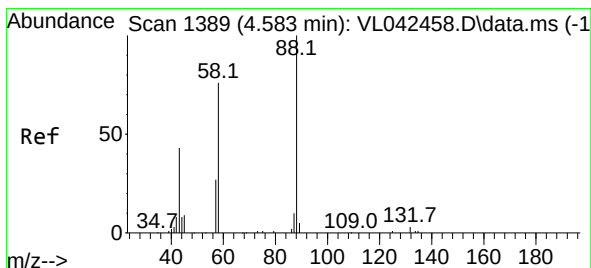
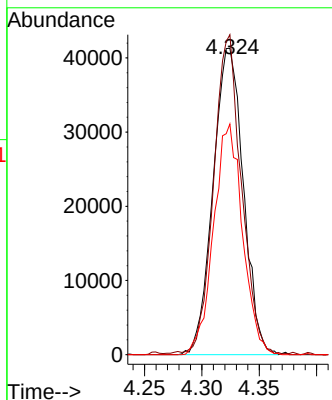
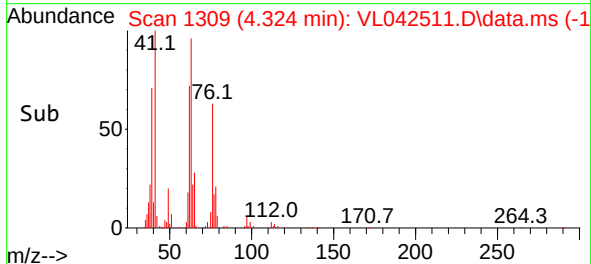
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



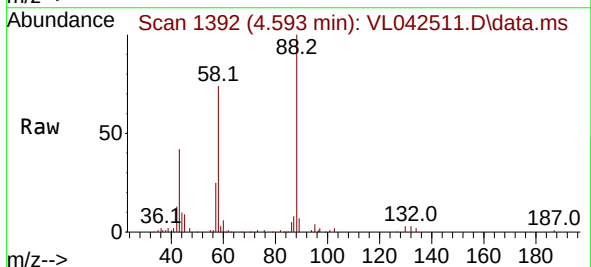
Tgt Ion: 63 Resp: 75860
Ion Ratio Lower Upper
63 100
41 103.7 69.8 104.6
62 75.3 54.3 81.5

Manual Integrations
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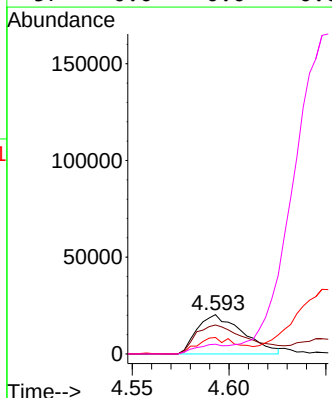
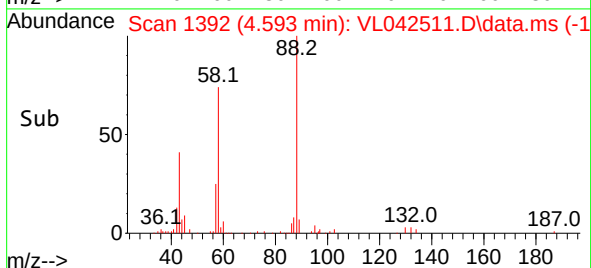
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

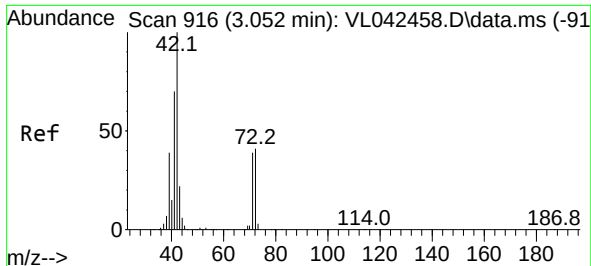


#40
1,4-Dioxane
Concen: 9.662 ppbv
RT: 4.593 min Scan# 1392
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06



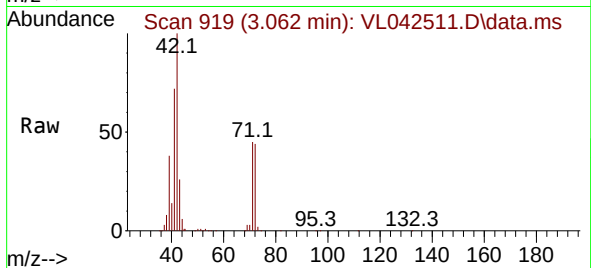
Tgt Ion: 88 Resp: 33386
Ion Ratio Lower Upper
88 100
58 85.8 0.0 0.0#
43 36.1 0.0 0.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.818 ppbv
RT: 3.062 min Scan# 916
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

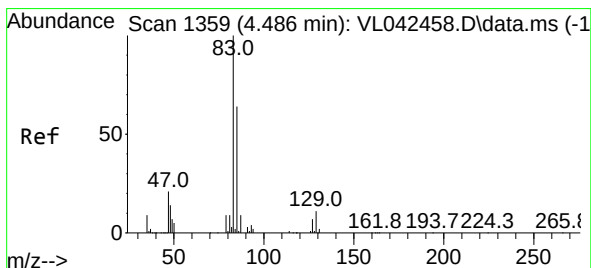
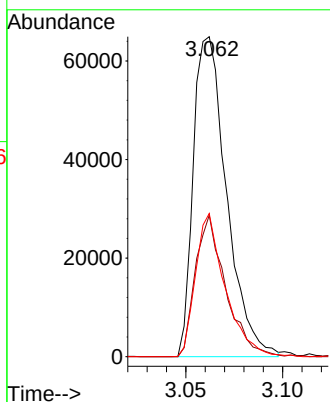
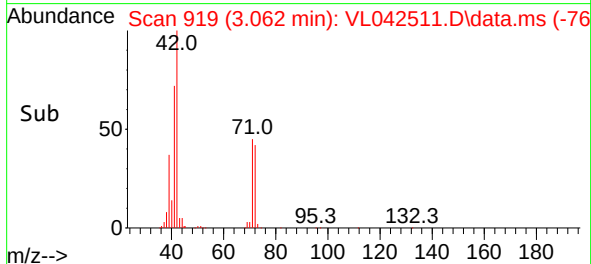
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



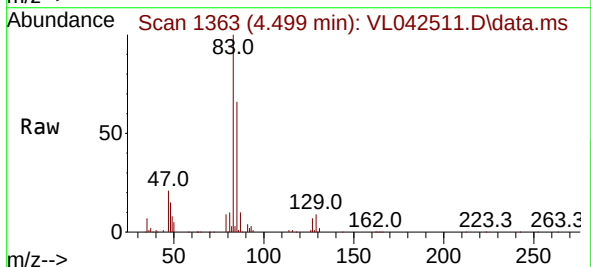
Tgt Ion: 42 Resp: 77674
Ion Ratio Lower Upper
42 100
72 40.3 33.5 50.3
71 40.3 32.6 49.0

Manual Integrations
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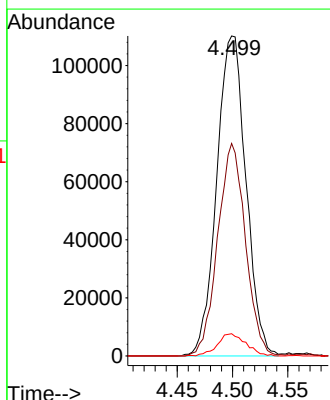
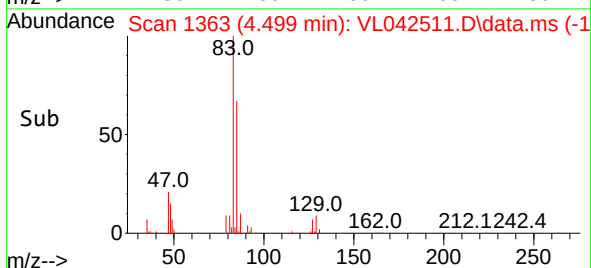
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

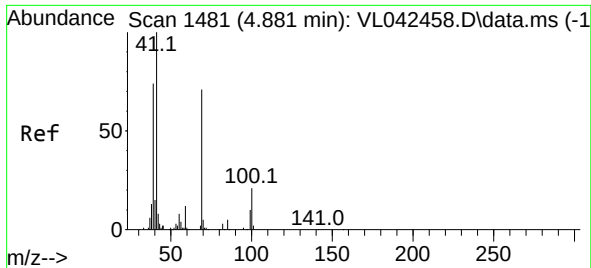


#42
Bromodichloromethane
Concen: 10.920 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06



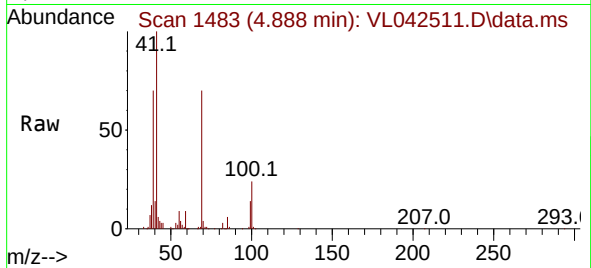
Tgt Ion: 83 Resp: 202705
Ion Ratio Lower Upper
83 100
85 66.4 51.5 77.3
127 7.0 5.4 8.2





#43
Methyl Methacrylate
Concen: 10.983 ppbv
RT: 4.888 min Scan# 1483
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

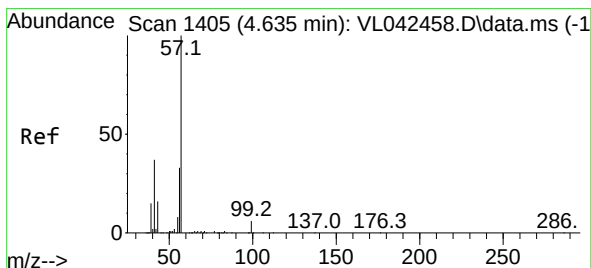
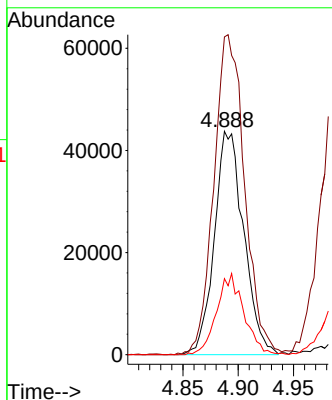
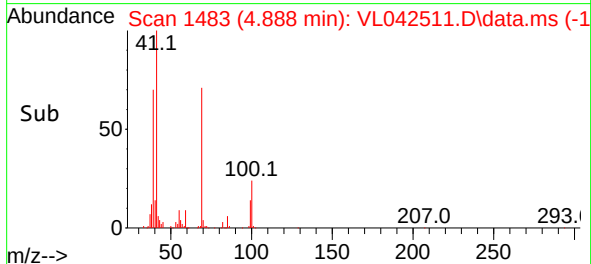
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



Tgt Ion: 69 Resp: 80789
Ion Ratio Lower Upper
69 100
41 149.8 120.8 181.2
100 33.6 26.7 40.1

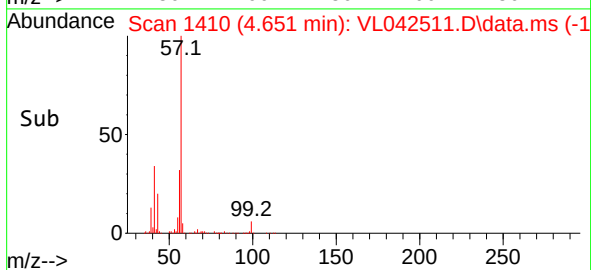
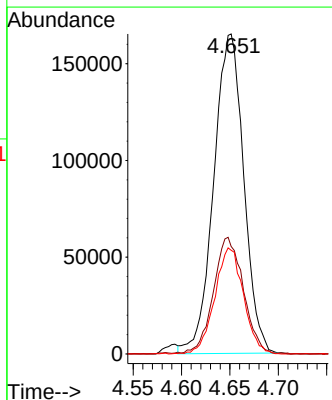
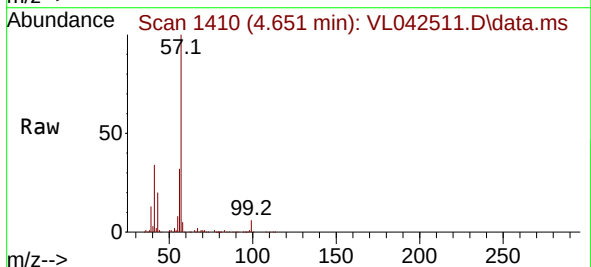
Manual Integrations
APPROVED

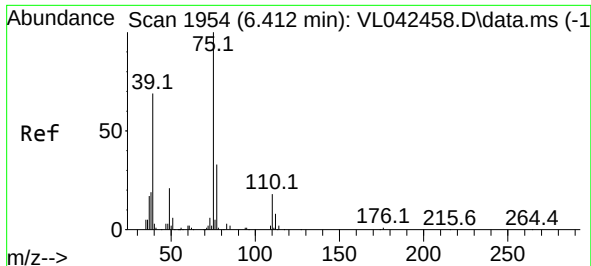
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
2,2,4-Trimethylpentane
Concen: 11.147 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.016 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

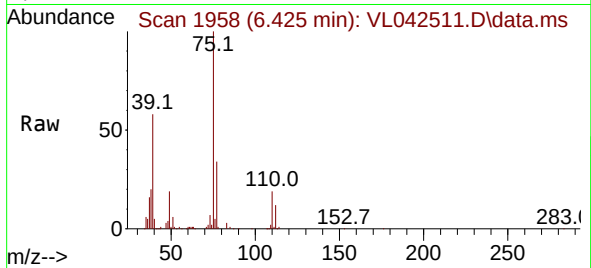
Tgt Ion: 57 Resp: 356173
Ion Ratio Lower Upper
57 100
41 36.9 30.6 45.8
56 31.9 25.0 37.6





#45
 t-1,3-Dichloropropene
 Concen: 11.164 ppbv
 RT: 6.425 min Scan# 1954
 Delta R.T. 0.013 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

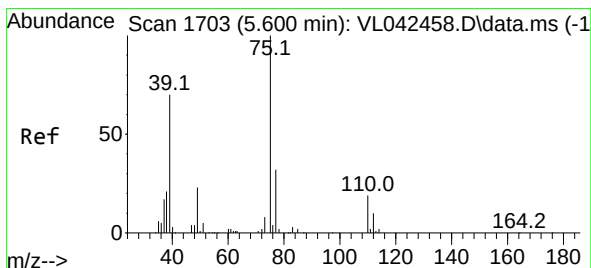
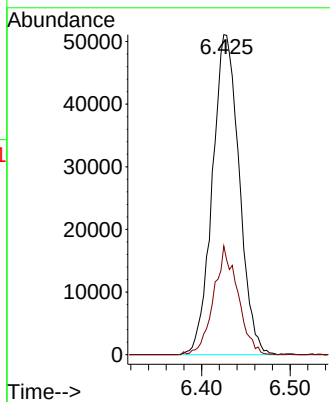
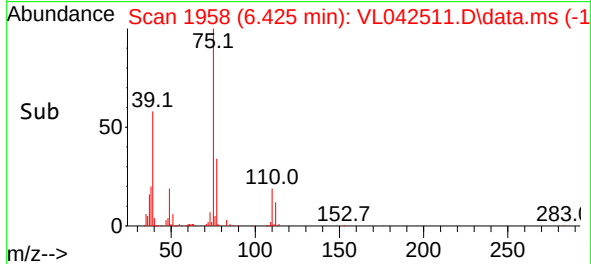
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABS01



Tgt Ion: 75 Resp: 107738
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.3 39.5

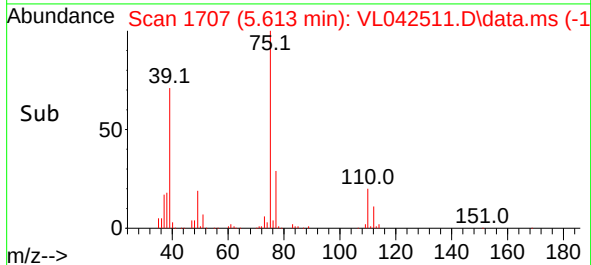
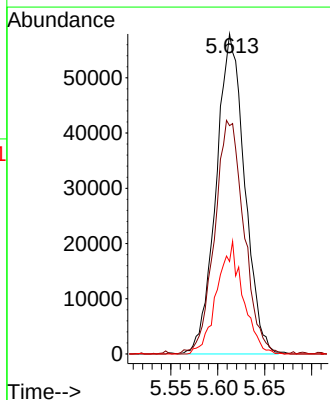
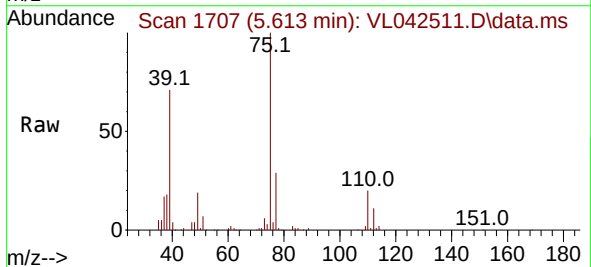
Manual Integrations
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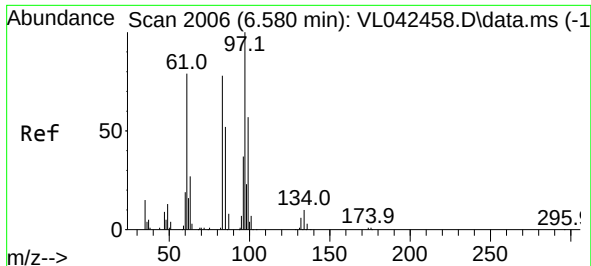
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.677 ppbv
 RT: 5.613 min Scan# 1707
 Delta R.T. 0.013 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

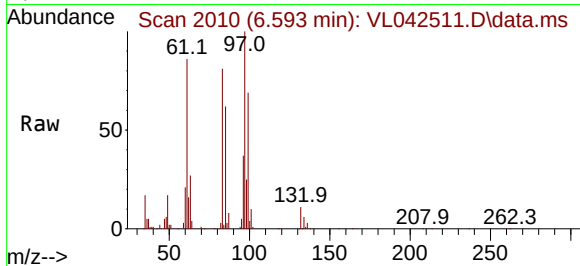
Tgt Ion: 75 Resp: 122464
 Ion Ratio Lower Upper
 75 100
 39 71.2 55.7 83.5
 77 28.9 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 10.407 ppbv
RT: 6.593 min Scan# 2006
Delta R.T. 0.013 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

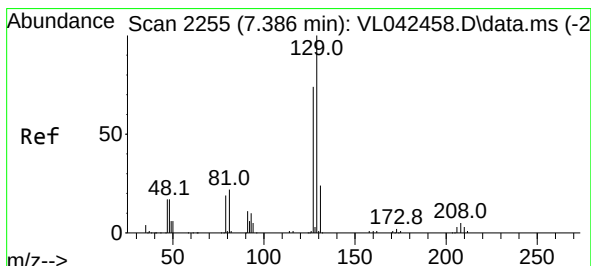
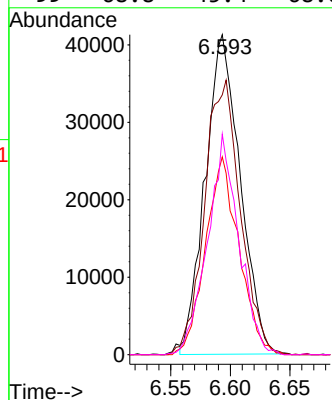
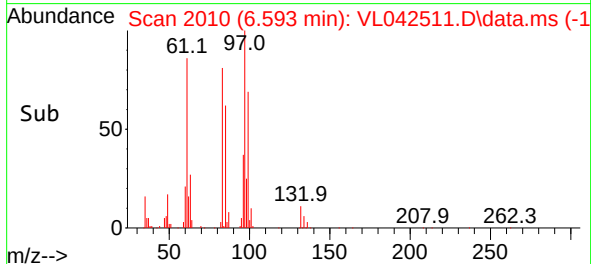
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



Tgt Ion: 97 Resp: 84225
Ion Ratio Lower Upper
97 100
83 80.5 62.2 93.2
85 61.3 41.5 62.3
99 68.8 45.4 68.0#

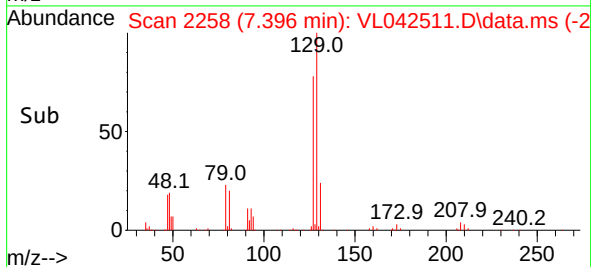
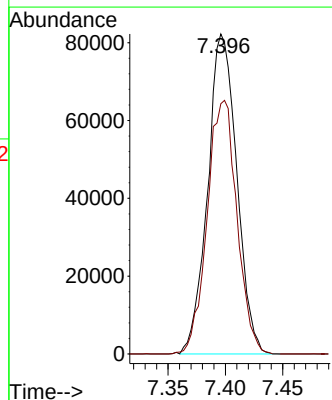
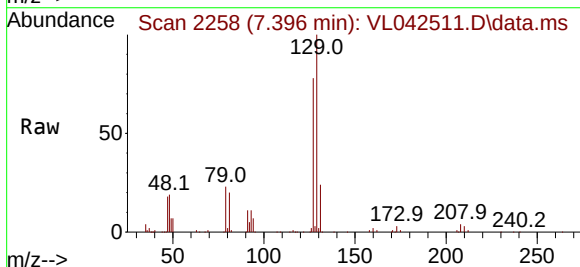
Manual Integrations
APPROVED

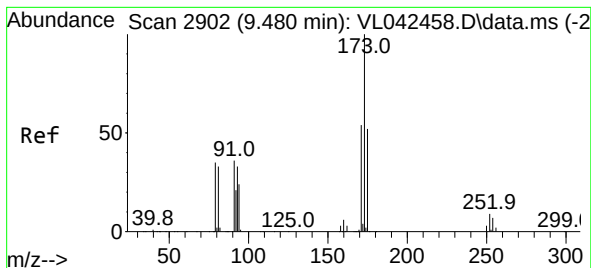
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Dibromochloromethane
Concen: 10.623 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion:129 Resp: 145141
Ion Ratio Lower Upper
129 100
127 81.1 39.5 118.5





#49

Bromoform

Concen: 10.829 ppbv

RT: 9.490 min Scan# 2902

Delta R.T. 0.010 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

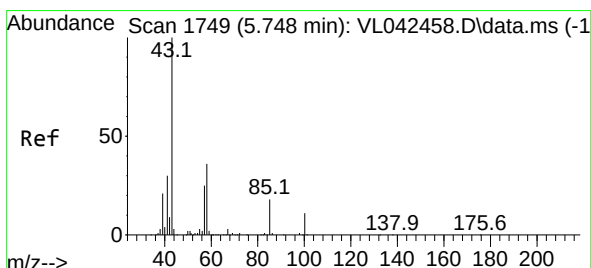
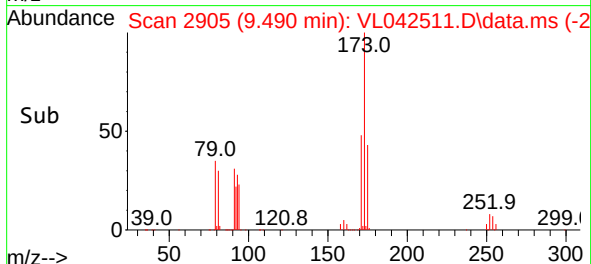
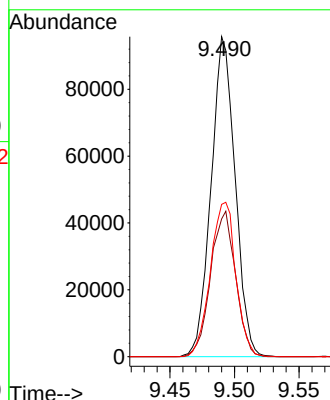
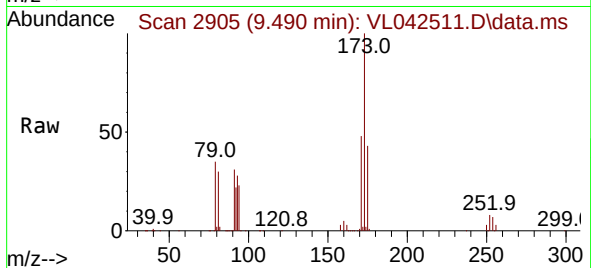
VL0507ABS01

Tgt Ion:173 Resp: 124085
 Ion Ratio Lower Upper
 173 100
 175 47.3 38.9 58.3
 171 50.9 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#50

4-Methyl-2-Pentanone

Concen: 10.861 ppbv

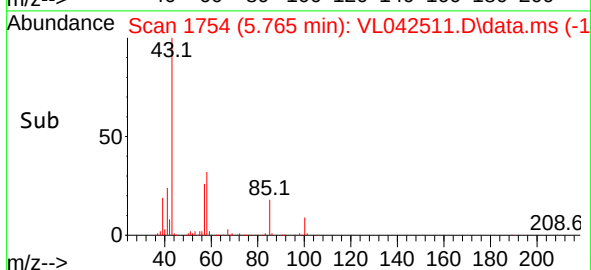
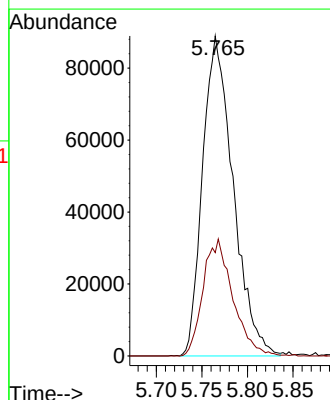
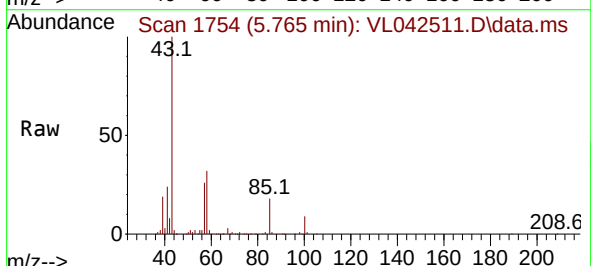
RT: 5.765 min Scan# 1754

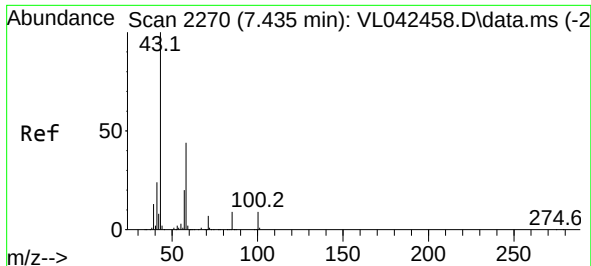
Delta R.T. 0.016 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

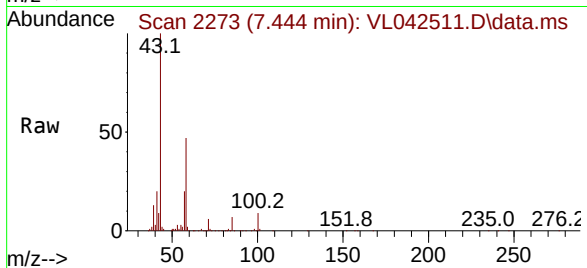
Tgt Ion: 43 Resp: 207560
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.5 44.3





#51
2-Hexanone
Concen: 10.916 ppbv
RT: 7.444 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

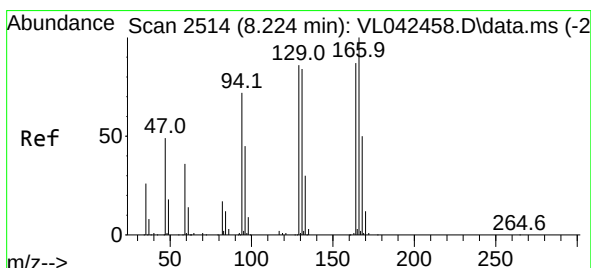
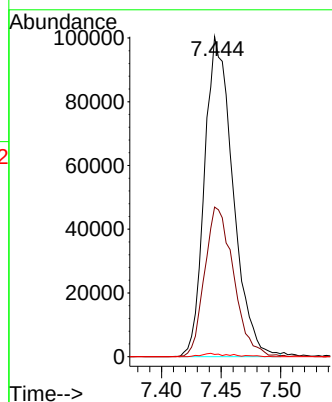
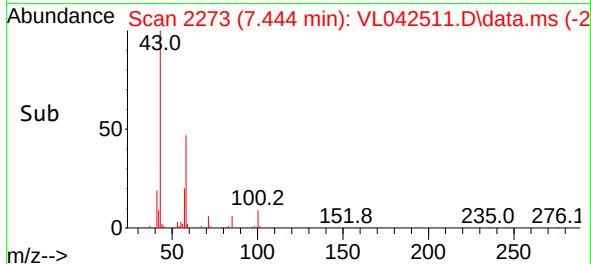
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



Tgt Ion: 43 Resp: 166780
Ion Ratio Lower Upper
43 100
58 47.7 37.2 55.8
98 1.0 0.4 0.6

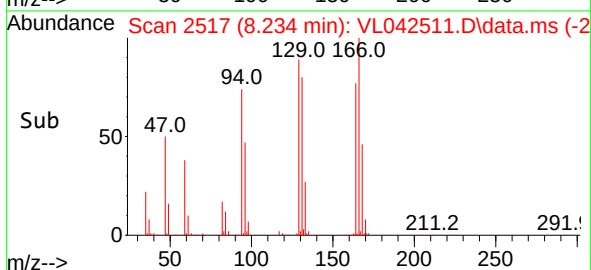
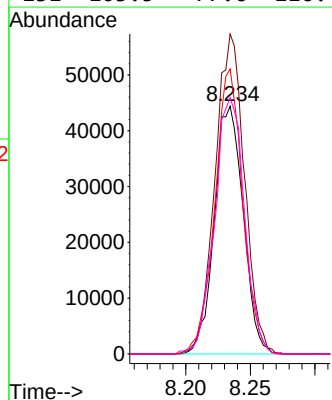
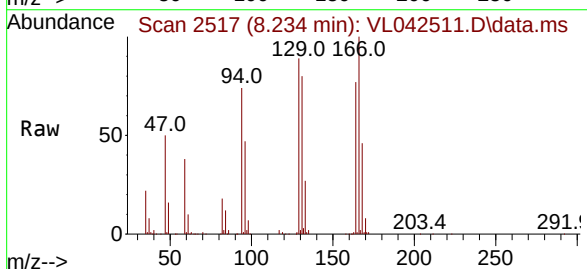
Manual Integrations
APPROVED

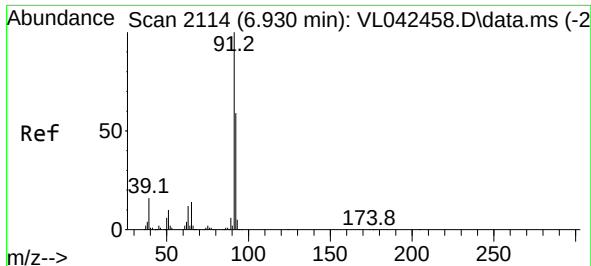
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#52
Tetrachloroethene
Concen: 9.226 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

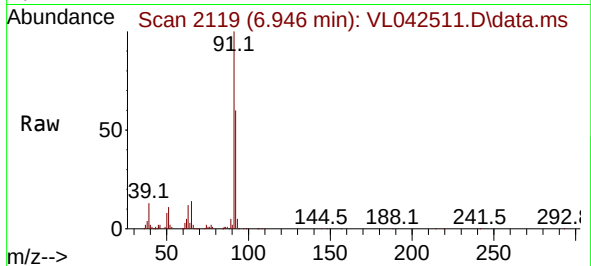
Tgt Ion:164 Resp: 69218
Ion Ratio Lower Upper
164 100
166 128.9 91.6 137.4
129 115.1 79.0 118.4
131 103.5 77.6 116.4





#53
Toluene
Concen: 10.998 ppbv
RT: 6.946 min Scan# 2114
Delta R.T. 0.016 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

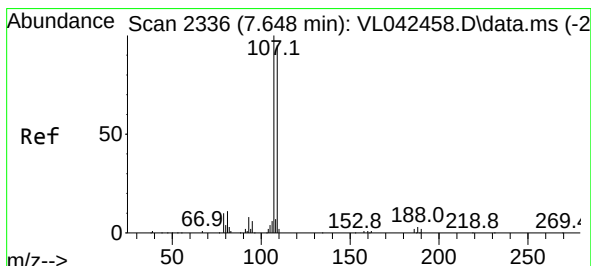
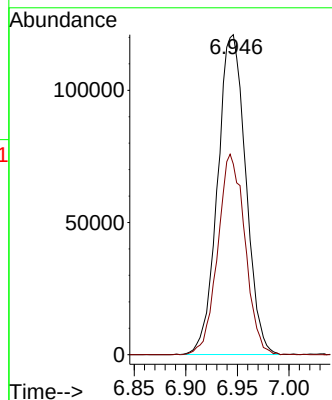
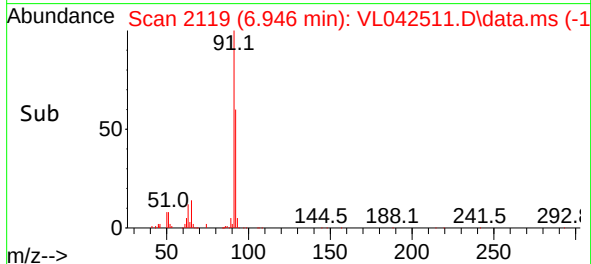
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



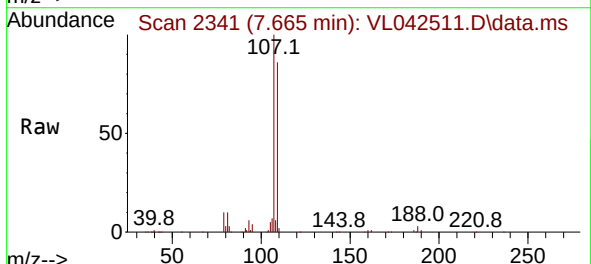
Tgt Ion: 91 Resp: 229450
Ion Ratio Lower Upper
91 100
92 60.6 47.9 71.9

Manual Integrations
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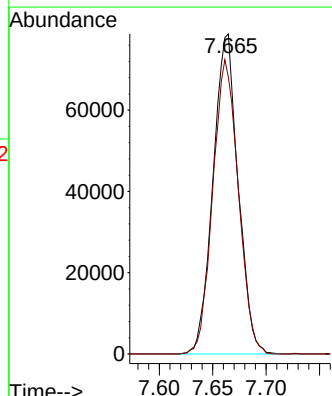
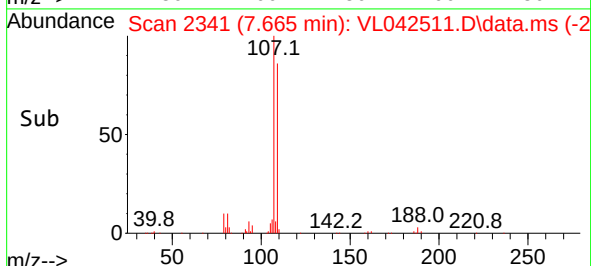
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

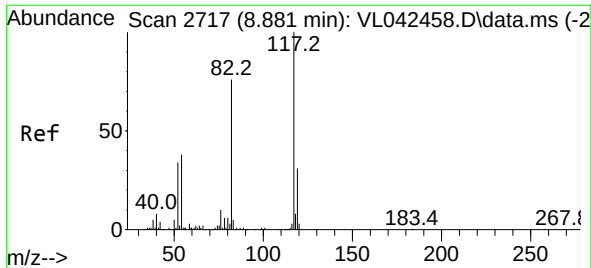


#54
1,2-Dibromoethane
Concen: 10.394 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.016 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06



Tgt Ion:107 Resp: 128612
Ion Ratio Lower Upper
107 100
109 86.5 76.0 114.0





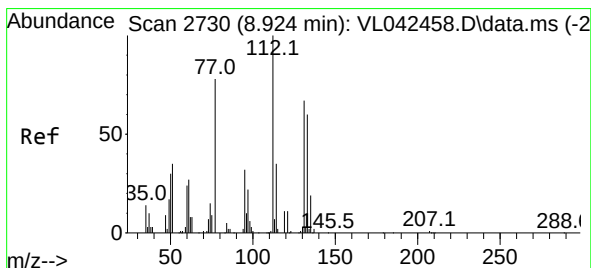
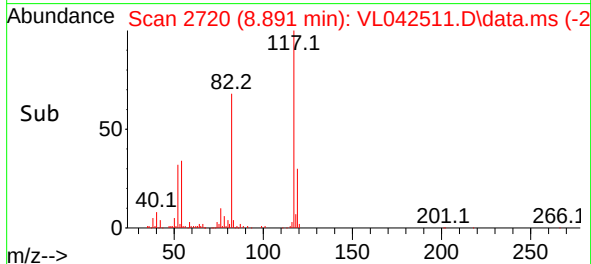
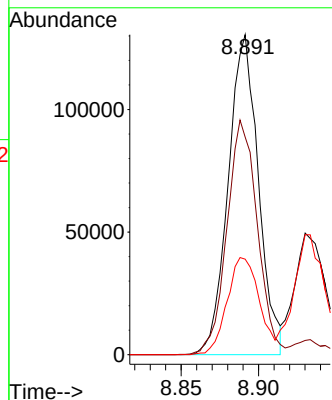
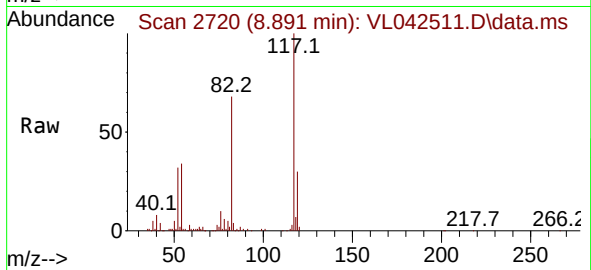
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2717
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01

Tgt Ion:117 Resp: 176950
Ion Ratio Lower Upper
117 100
82 78.6 63.5 95.3
119 31.7 25.8 38.8

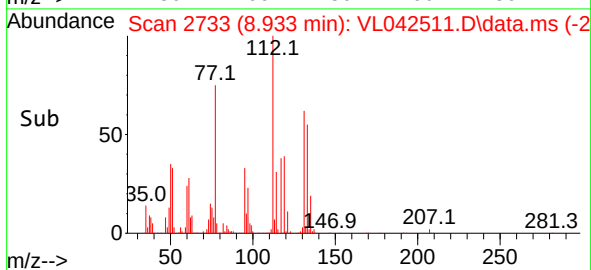
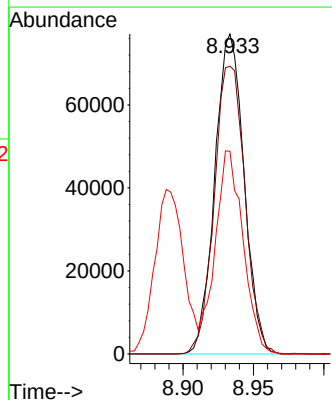
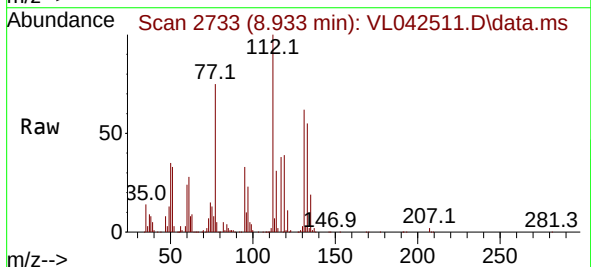
Manual Integrations
APPROVED

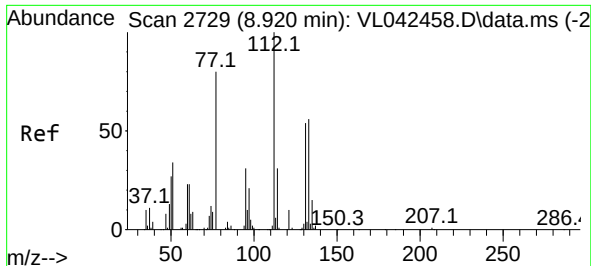
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 10.655 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion:131 Resp: 111354
Ion Ratio Lower Upper
131 100
133 94.7 76.0 114.0
119 61.7 46.1 69.1





#57

Chlorobenzene

Concen: 10.652 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

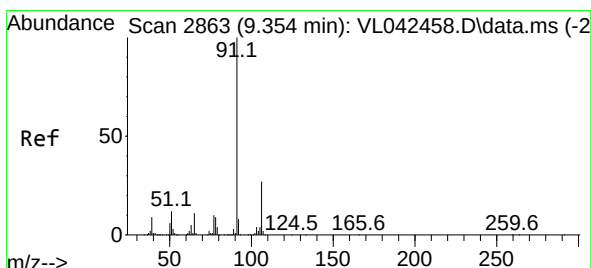
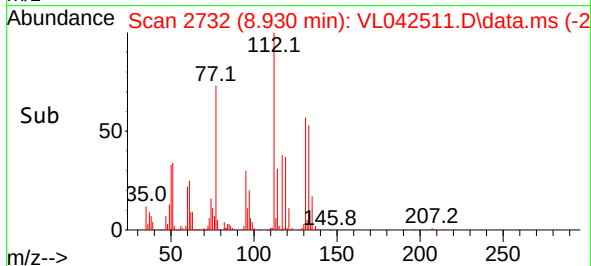
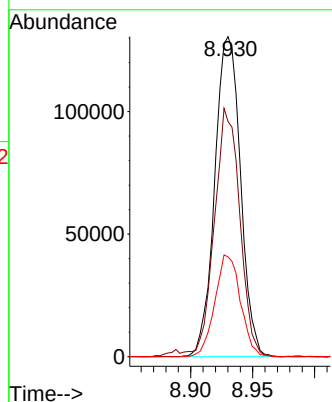
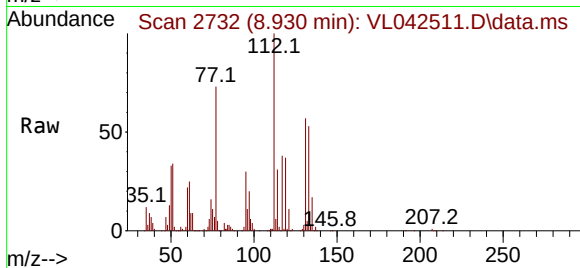
VL0507ABS01

Tgt Ion:	112	Resp:	18940
Ion Ratio	Lower	Upper	
112	100		
77	73.5	65.0	97.4
114	31.2	27.5	33.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58

Ethyl Benzene

Concen: 11.373 ppbv

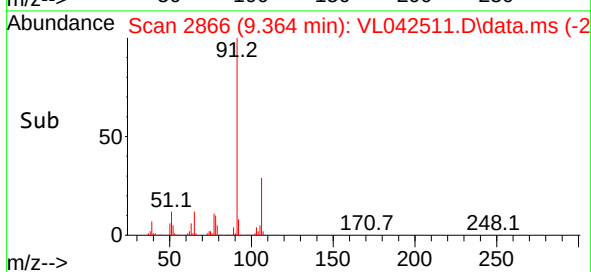
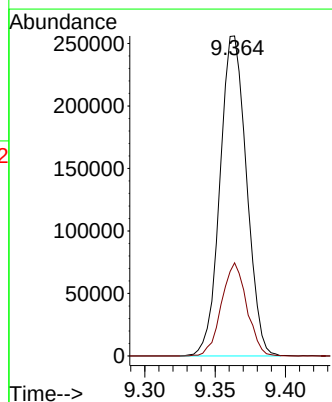
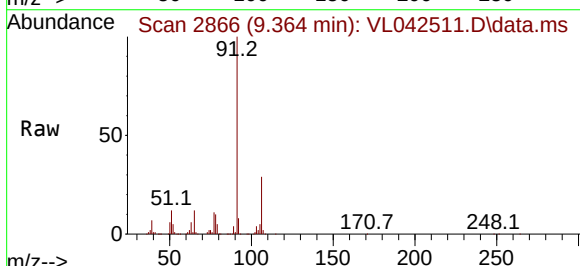
RT: 9.364 min Scan# 2866

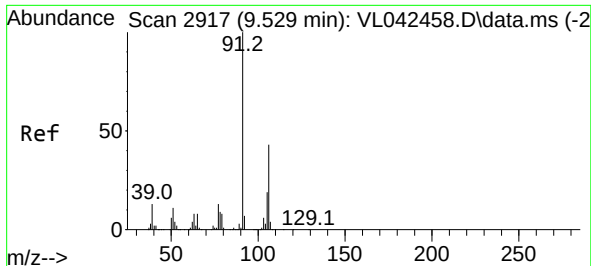
Delta R.T. 0.010 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

Tgt Ion:	91	Resp:	336319
Ion Ratio	Lower	Upper	
91	100		
106	29.1	21.9	32.9





#59

m/p-Xylene

Concen: 23.423 ppbv m

RT: 9.558 min Scan# 2917

Delta R.T. 0.029 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VL0507ABS01

Tgt Ion: 91 Resp: 58070

Ion Ratio Lower Upper

91 100

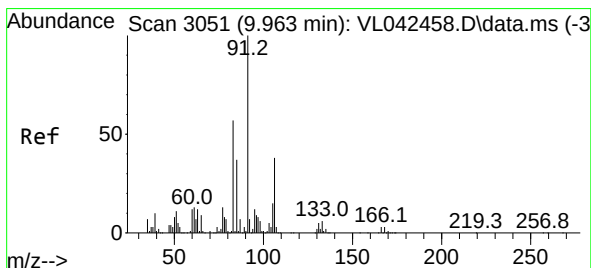
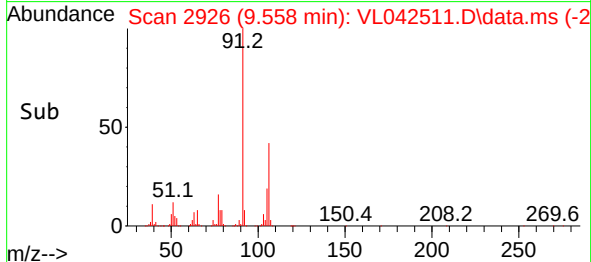
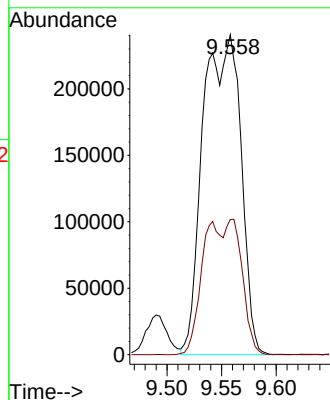
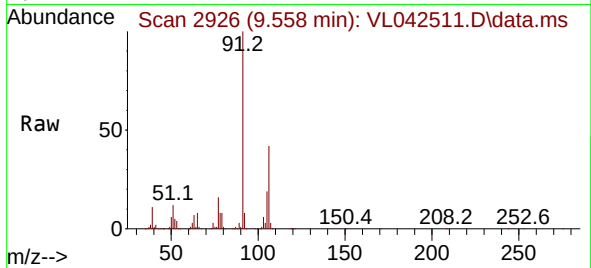
106 0.0 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#60

o-Xylene

Concen: 11.794 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.010 min

Lab File: VL042511.D

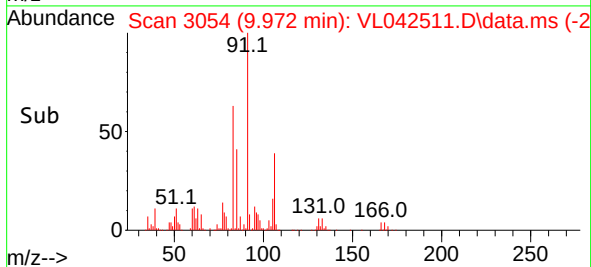
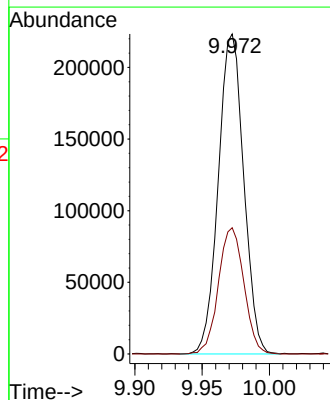
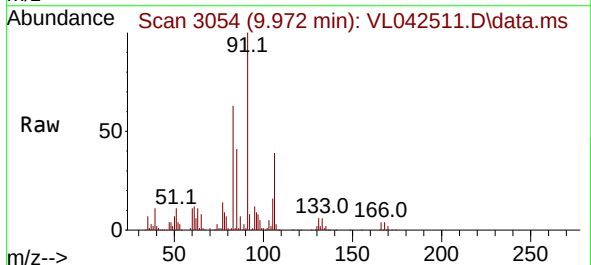
Acq: 07 May 2025 11:06

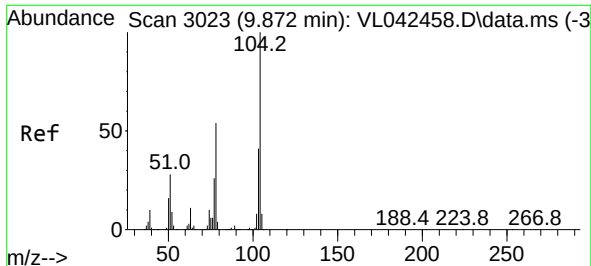
Tgt Ion: 91 Resp: 292756

Ion Ratio Lower Upper

91 100

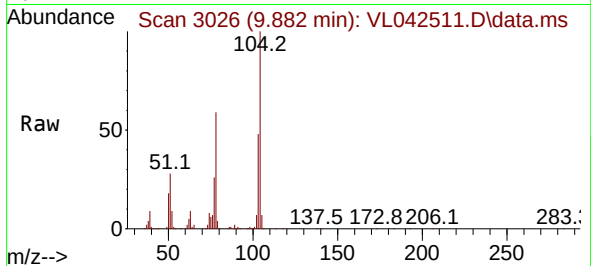
106 39.5 20.1 60.2





#61
Styrene
Concen: 11.962 ppbv
RT: 9.882 min Scan# 3023
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

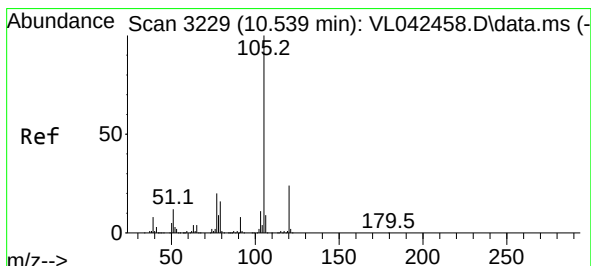
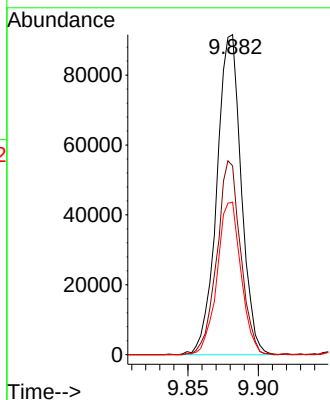
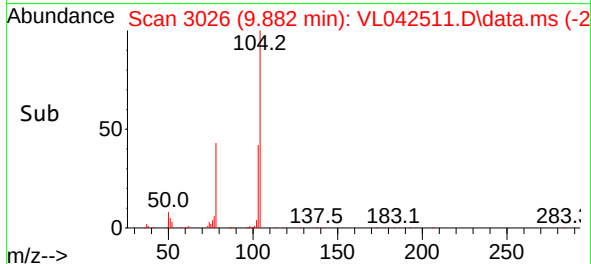
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



Tgt Ion:104 Resp: 11080
Ion Ratio Lower Upper
104 100
78 58.7 46.9 70.3
103 46.9 36.6 55.0

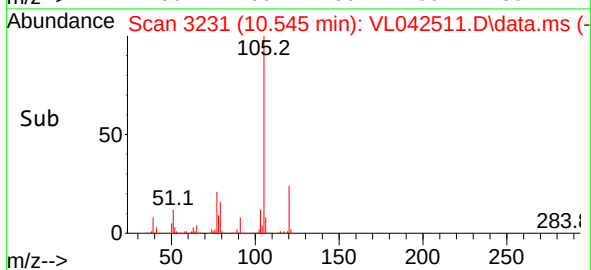
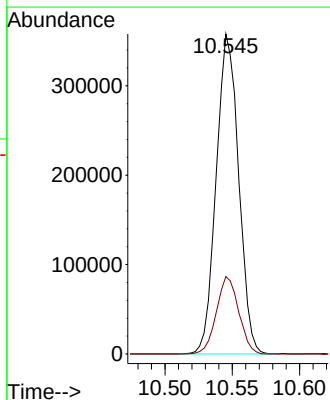
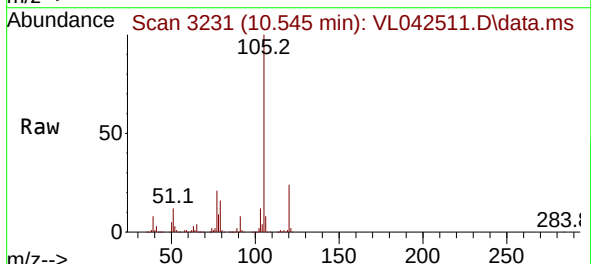
Manual Integrations
APPROVED

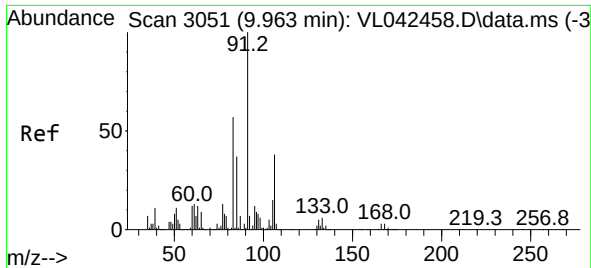
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62
Isopropylbenzene
Concen: 11.575 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Tgt Ion:105 Resp: 414427
Ion Ratio Lower Upper
105 100
120 24.0 18.8 28.2





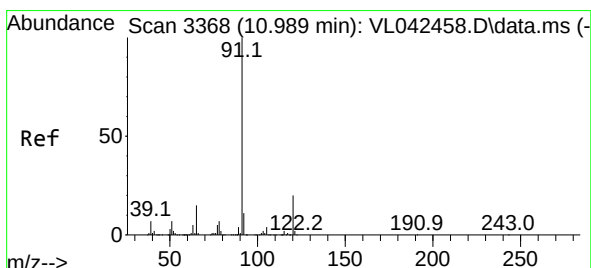
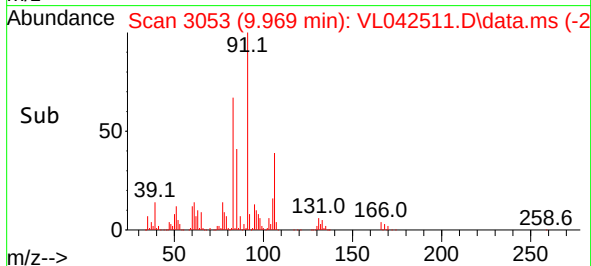
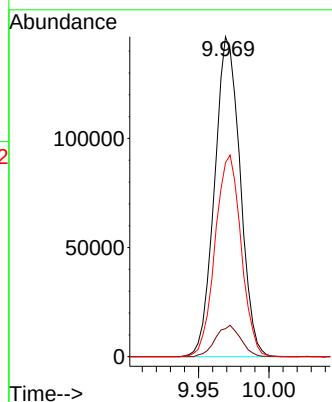
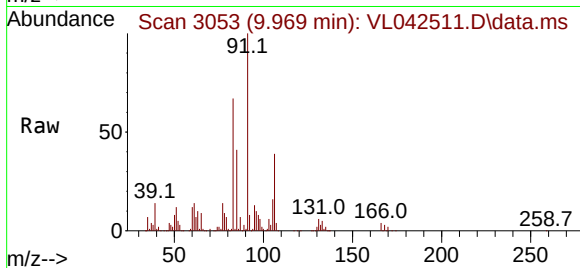
#63
1,1,2,2-Tetrachloroethane
Concen: 10.814 ppbv
RT: 9.969 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01

Tgt Ion: 83 Resp: 185060
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 64.0 32.5 97.4

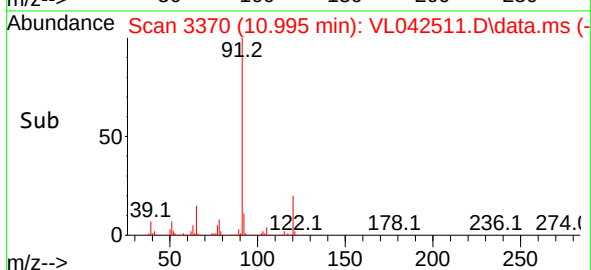
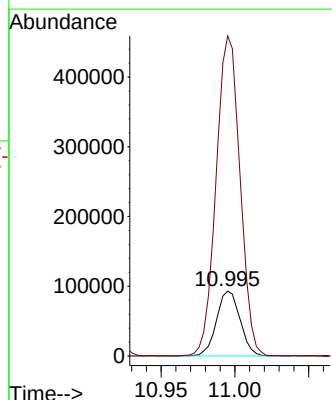
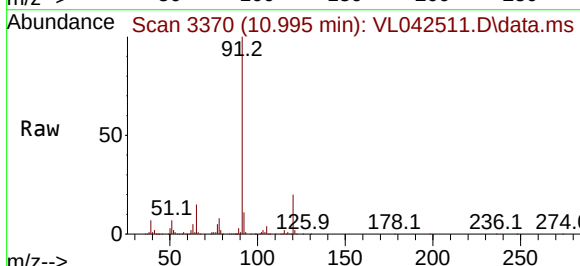
Manual Integrations
APPROVED

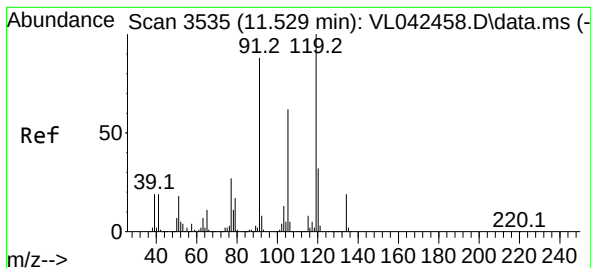
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#64
n-propylbenzene
Concen: 11.792 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

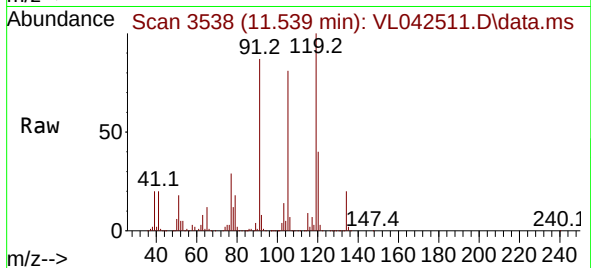
Tgt Ion:120 Resp: 103184
Ion Ratio Lower Upper
120 100
91 501.8 408.6 612.8





#65
tert-Butylbenzene
Concen: 11.569 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

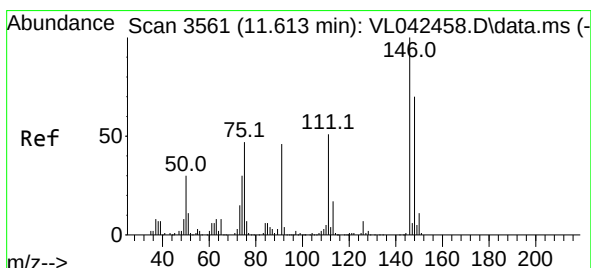
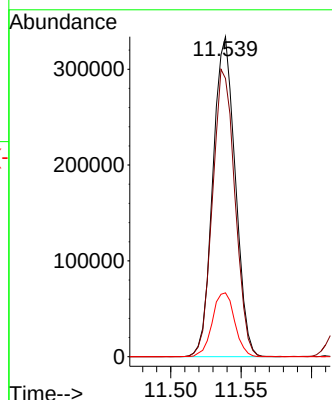
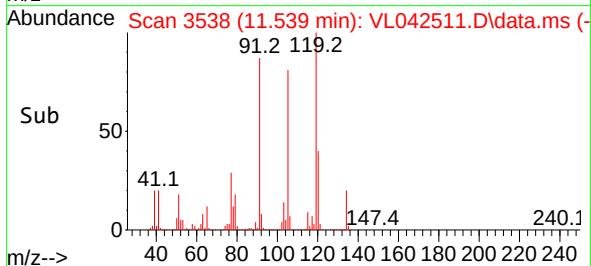
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



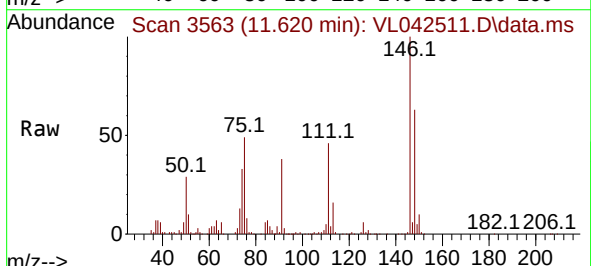
Tgt Ion: 119 Resp: 369640
Ion Ratio Lower Upper
119 100
91 89.9 71.6 107.4
134 20.0 15.0 22.4

Manual Integrations
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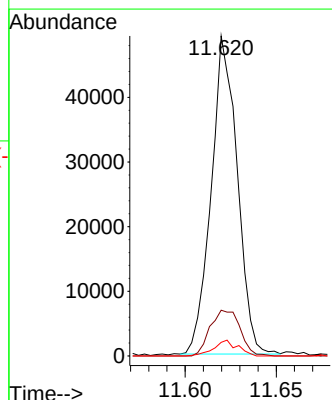
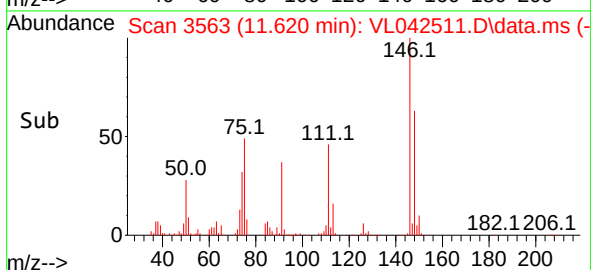
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

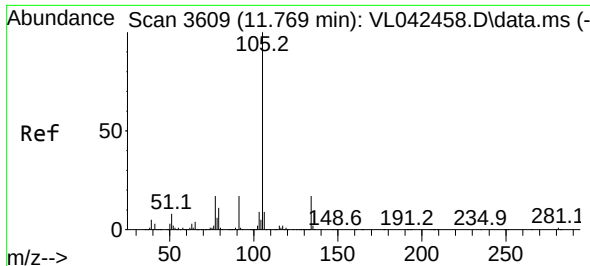


#66
Benzyl Chloride
Concen: 13.261 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06



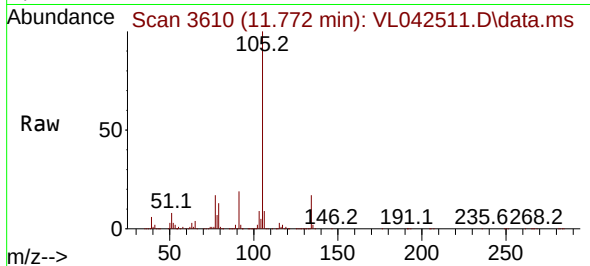
Tgt Ion: 91 Resp: 48974
Ion Ratio Lower Upper
91 100
126 16.6 13.3 19.9
128 4.5 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 11.582 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

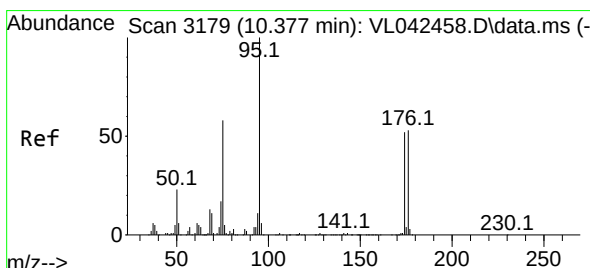
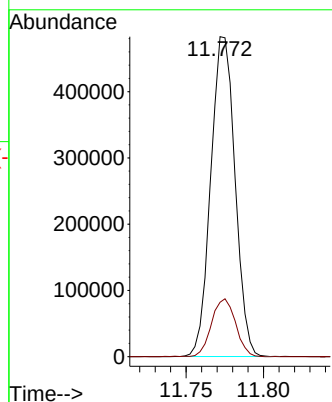
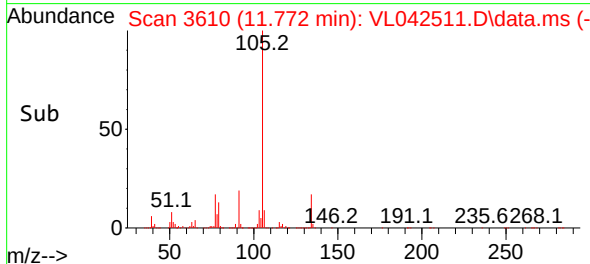
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABS01



Tgt Ion:105 Resp: 525917
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.1 21.1

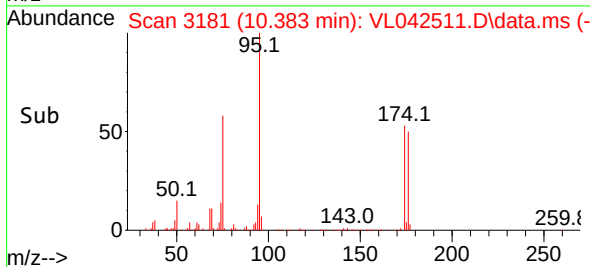
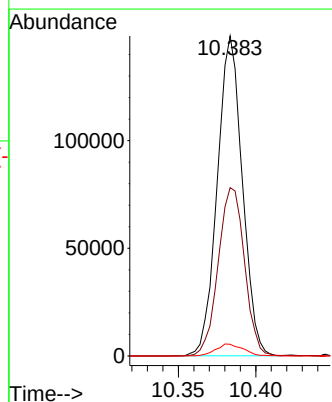
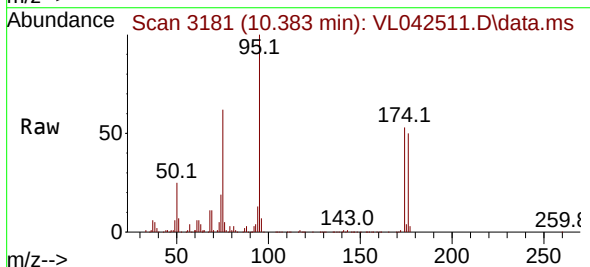
Manual Integrations
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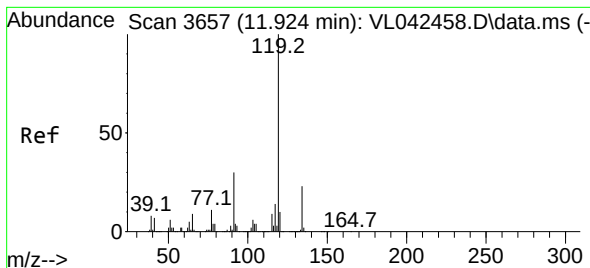
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.183 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.007 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

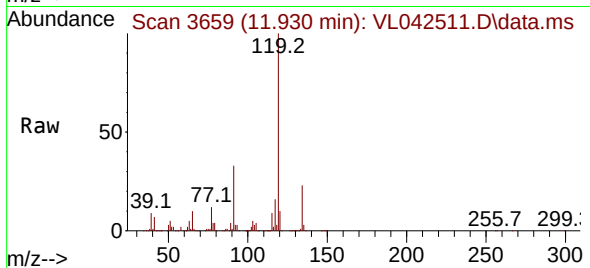
Tgt Ion: 95 Resp: 167060
 Ion Ratio Lower Upper
 95 100
 174 55.3 42.7 64.1
 175 4.1 3.6 5.4





#69
 p-Isopropyltoluene
 Concen: 11.645 ppbv
 RT: 11.930 min Scan# 3659
 Delta R.T. 0.007 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

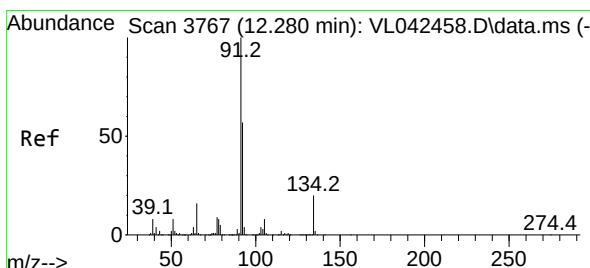
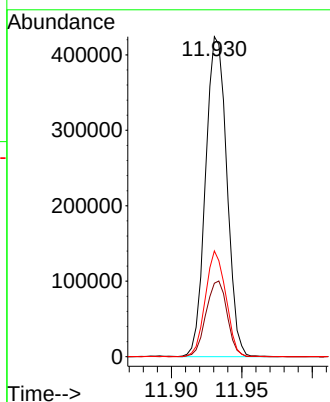
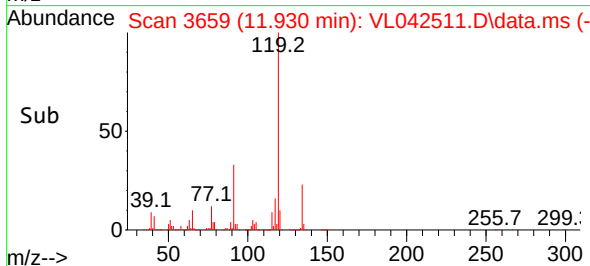
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABS01



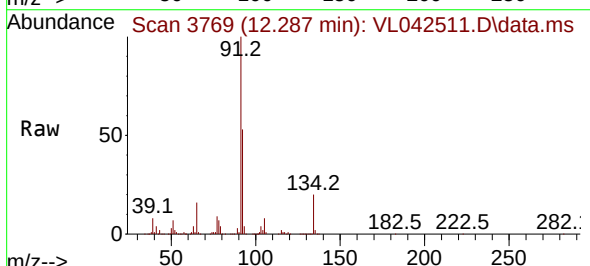
Tgt Ion: 119 Resp: 445490
 Ion Ratio Lower Upper
 119 100
 134 23.6 19.0 28.4
 91 32.0 25.5 38.3

Manual Integrations
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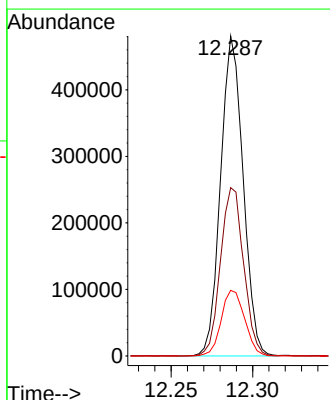
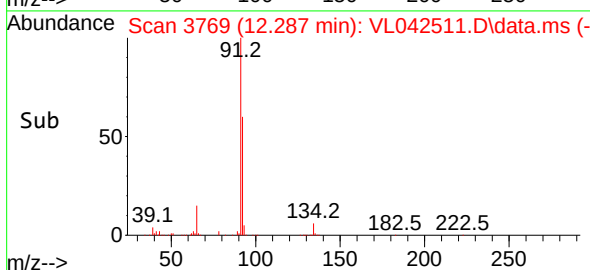
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

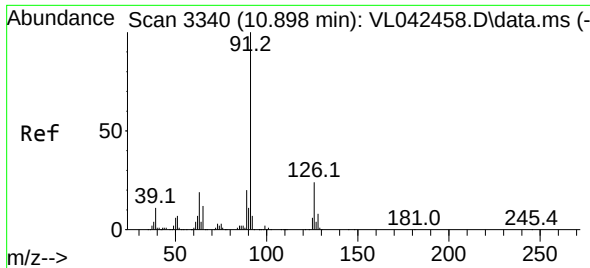


#70
 n-Butylbenzene
 Concen: 11.676 ppbv
 RT: 12.287 min Scan# 3769
 Delta R.T. 0.007 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06



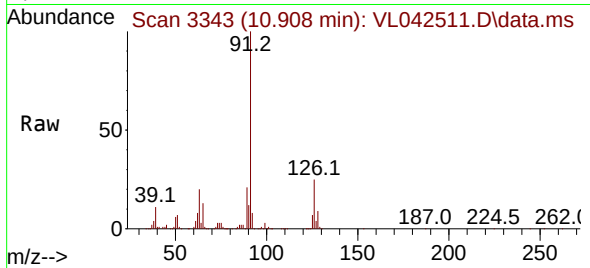
Tgt Ion: 91 Resp: 461764
 Ion Ratio Lower Upper
 91 100
 92 54.2 44.0 66.0
 134 21.4 16.8 25.2





#71
2-Chlorotoluene
Concen: 11.532 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

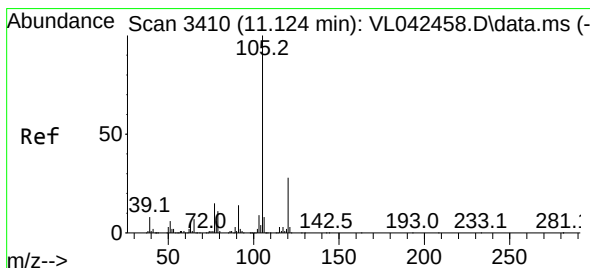
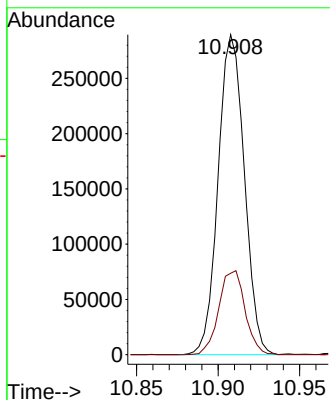
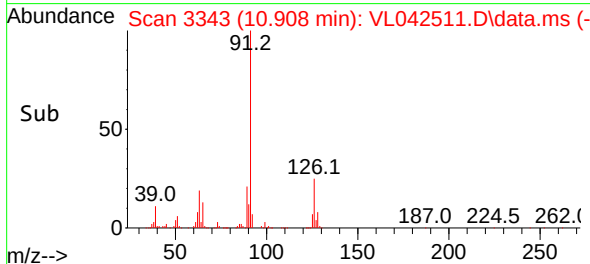
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



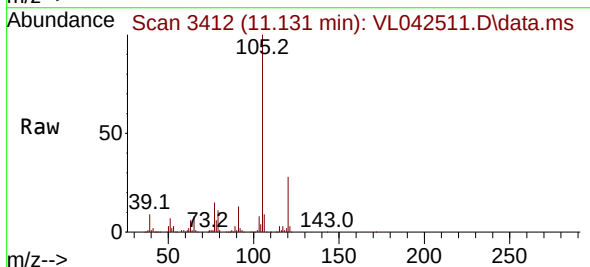
Tgt Ion: 91 Resp: 32385
Ion Ratio Lower Upper
91 100
126 26.3 10.6 42.2

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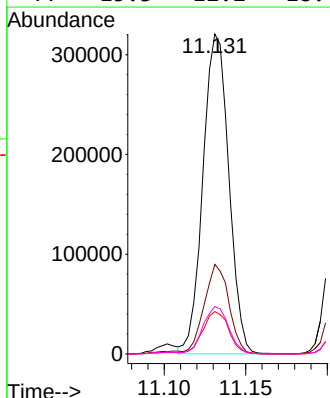
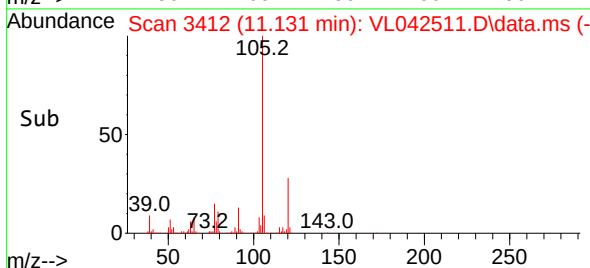
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

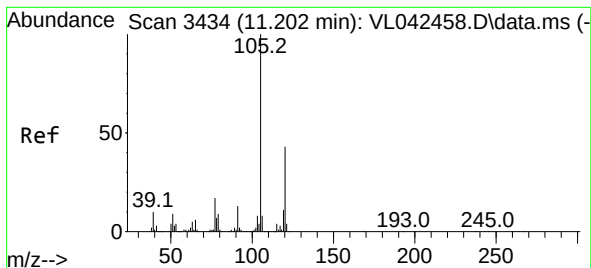


#72
4-Ethyltoluene
Concen: 12.091 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06



Tgt Ion:105 Resp: 353861
Ion Ratio Lower Upper
105 100
120 27.6 22.0 33.0
91 13.6 11.2 16.8
77 15.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 11.751 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.010 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

VL0507ABS01

Tgt Ion:105 Resp: 302462

Ion Ratio Lower Upper

105 100

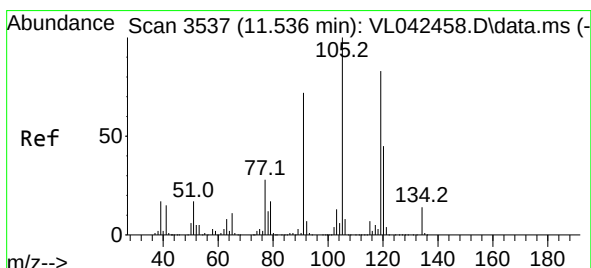
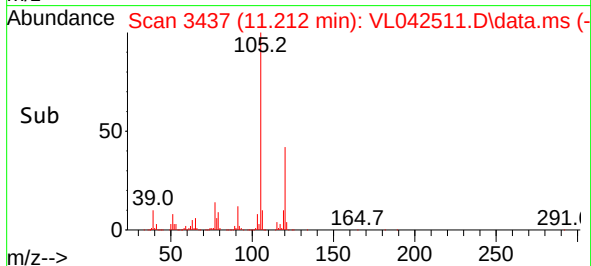
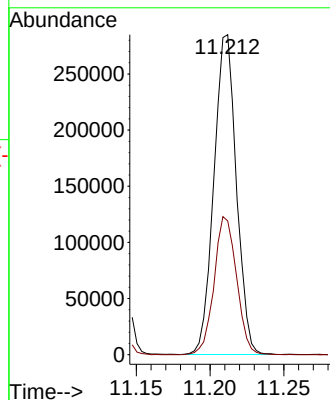
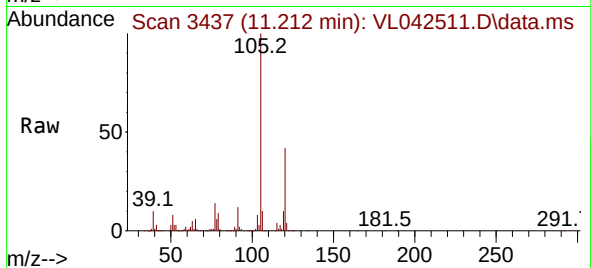
120 41.8 34.4 51.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.008 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.007 min

Lab File: VL042511.D

Acq: 07 May 2025 11:06

Tgt Ion:105 Resp: 342795

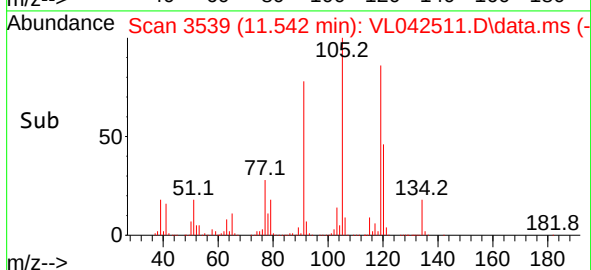
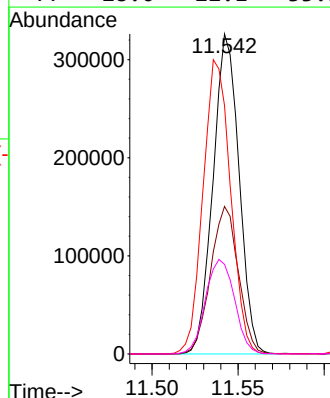
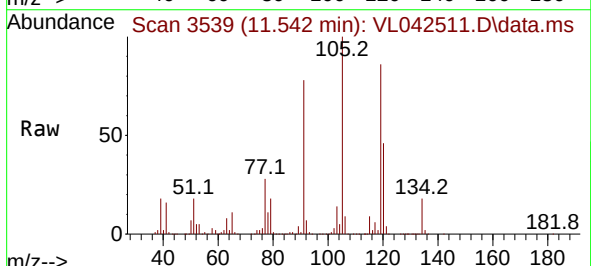
Ion Ratio Lower Upper

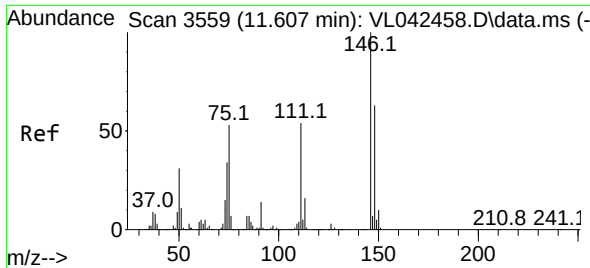
105 100

120 46.0 36.1 54.1

91 77.6 57.6 86.4

77 28.0 22.1 33.1





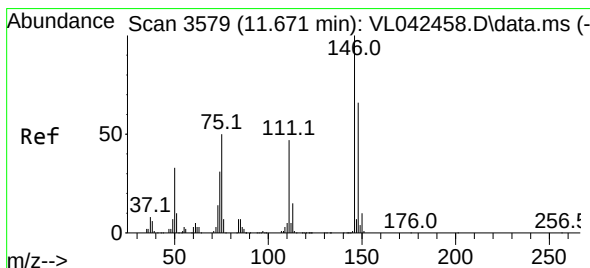
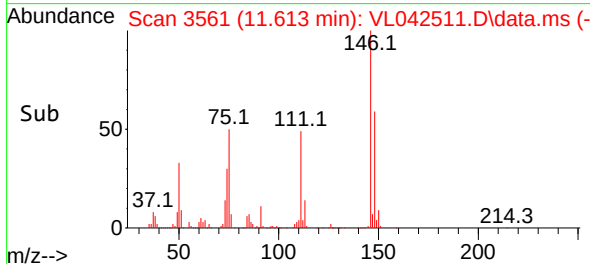
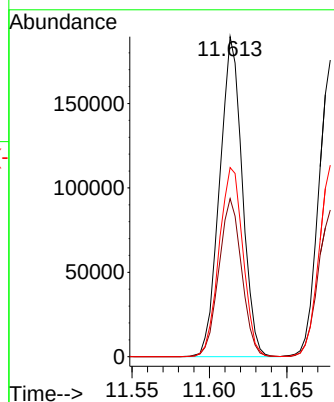
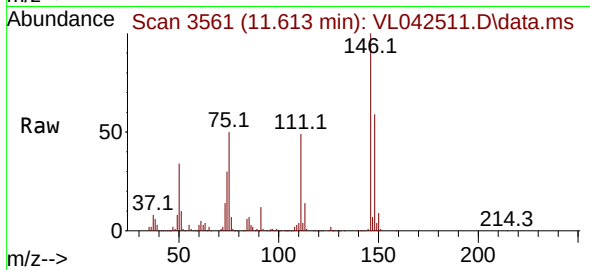
#75
1,3-Dichlorobenzene
Concen: 11.077 ppbv
RT: 11.613 min Scan# 3559
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

Instrument :
MSVOA_1
ClientSampleId :
VL0507ABS01

Tgt Ion:146 Resp: 19204
Ion Ratio Lower Upper
146 100
111 50.0 26.1 78.3
148 62.6 32.0 96.0

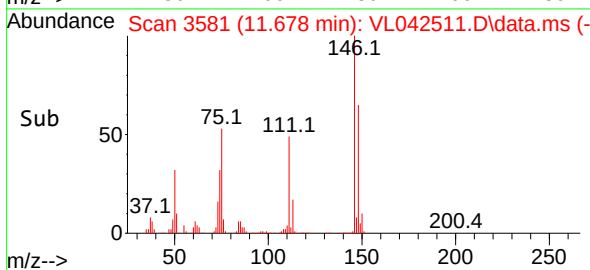
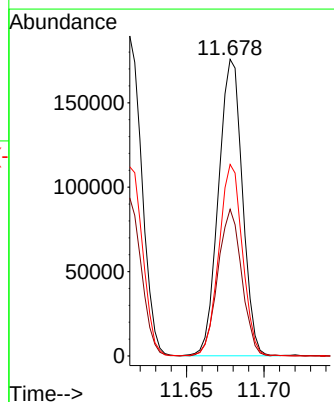
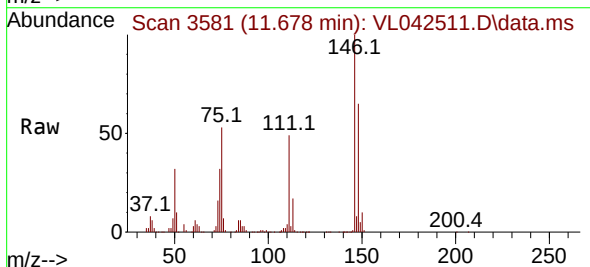
Manual Integrations
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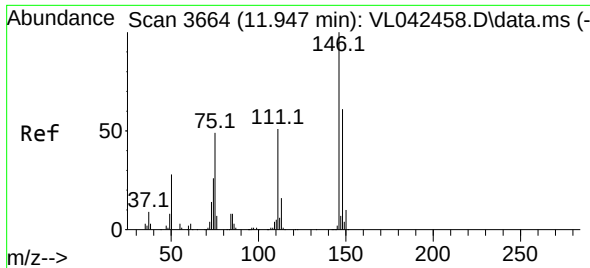
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#76
1,4-Dichlorobenzene
Concen: 11.515 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

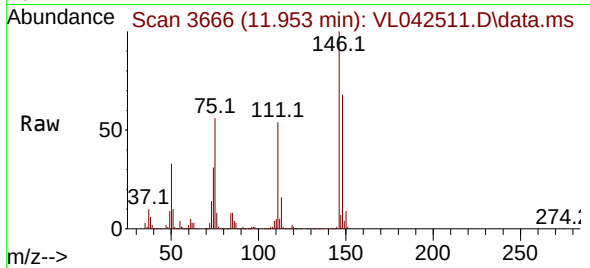
Tgt Ion:146 Resp: 188933
Ion Ratio Lower Upper
146 100
111 49.5 24.4 73.2
148 63.6 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 10.896 ppbv
RT: 11.953 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

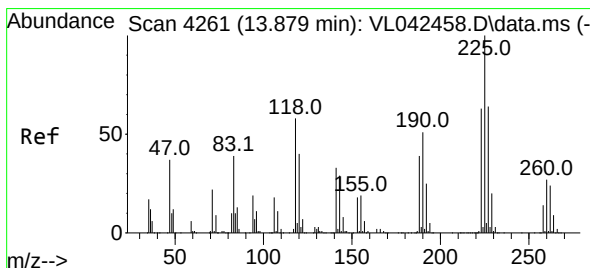
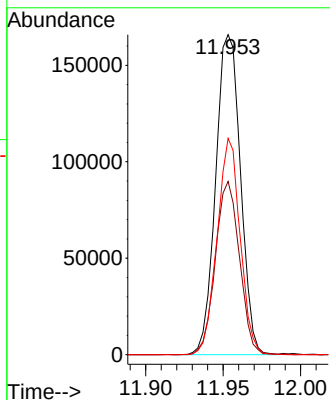
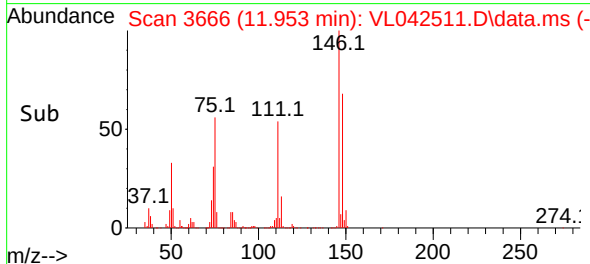
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



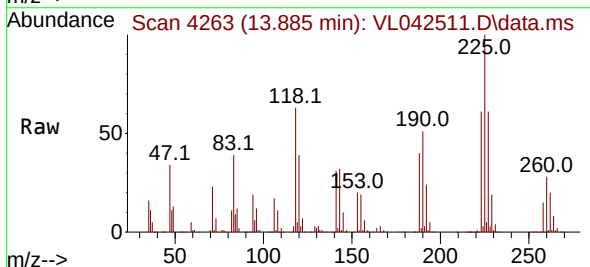
Tgt Ion:146 Resp: 18490
Ion Ratio Lower Upper
146 100
111 52.6 26.5 79.5
148 62.8 31.5 94.5

Manual Integrations
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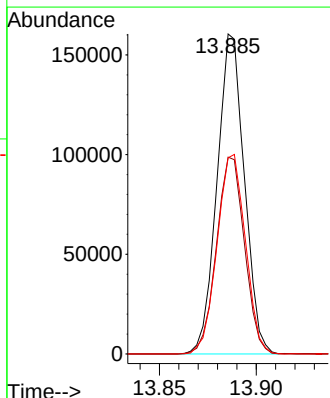
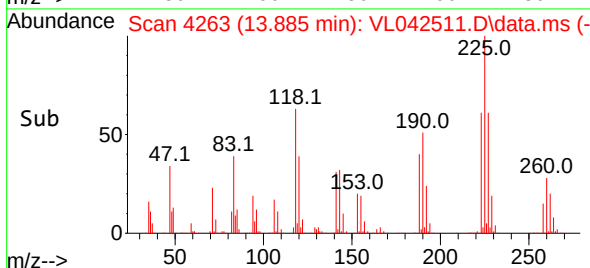
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

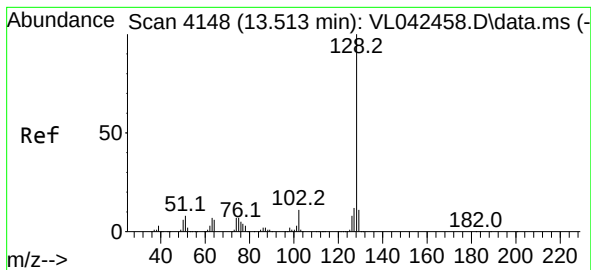


#78
Hexachloro-1,3-Butadiene
Concen: 9.294 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06



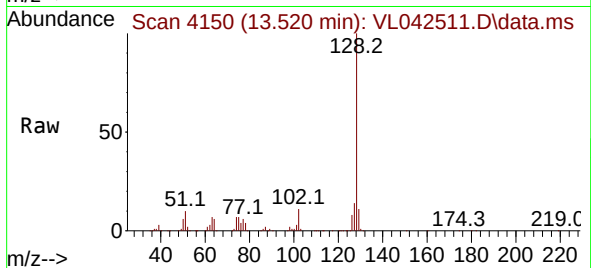
Tgt Ion:225 Resp: 157495
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.4
227 64.6 51.2 76.8





#79
Naphthalene
Concen: 11.955 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.007 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06

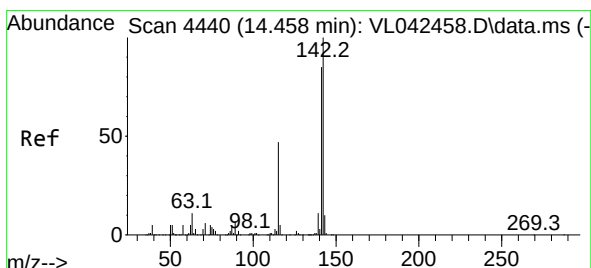
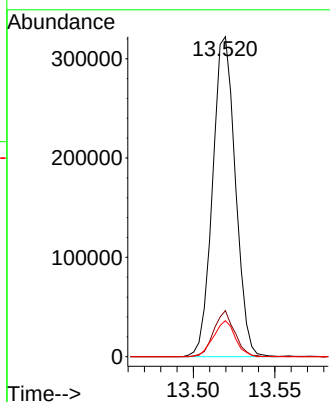
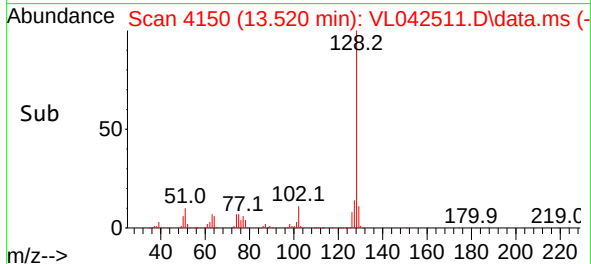
Instrument :
MSVOA_L
ClientSampleId :
VL0507ABS01



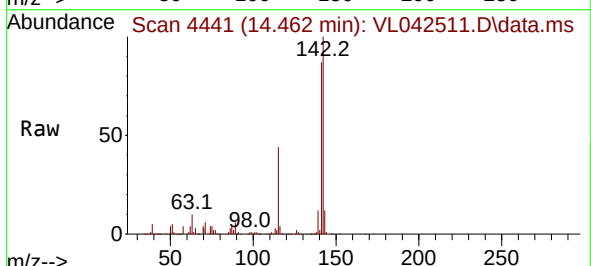
Tgt Ion:128 Resp: 313419
Ion Ratio Lower Upper
128 100
127 14.4 9.7 14.5
129 11.3 8.6 13.0

Manual Integrations
APPROVED

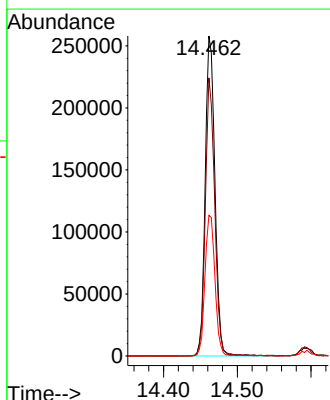
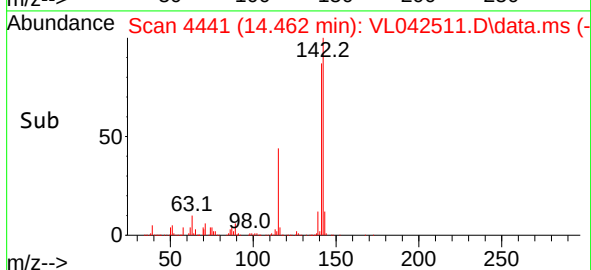
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

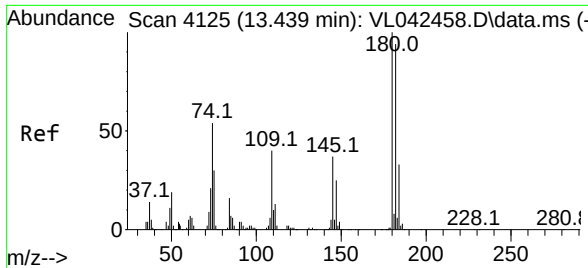


#80
Naphthalene,2-methyl-
Concen: 12.033 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VL042511.D
Acq: 07 May 2025 11:06



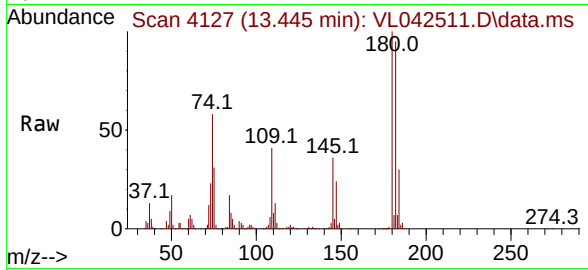
Tgt Ion:142 Resp: 234458
Ion Ratio Lower Upper
142 100
141 84.1 67.4 101.0
115 45.8 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.010 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL042511.D
 Acq: 07 May 2025 11:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0507ABS01



Tgt Ion:180 Resp: 153930
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.6 111.8
 184 30.2 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

