

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042461.D
 Acq On : 01 May 2025 10:40
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:42:12 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 01:37:48 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	68913	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	193701	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	166625	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 150277 9.728 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	6501	0.570	ppbv	94
3) Chlorodifluoromethane	1.476	51	6500	0.539	ppbv	99
4) Chloromethane	1.535	50	2542	0.533	ppbv	95
5) Vinyl Chloride	1.580	62	2441	0.509	ppbv	92
6) Bromomethane	1.667	94	1202	0.530	ppbv	97
7) Chloroethane	1.703	64	862	0.486	ppbv #	68
8) Dichlorotetrafluoroethane	1.554	85	4979	0.530	ppbv	93
9) Propene	1.486	41	2017	0.511	ppbv	96
10) Heptane	4.982	43	4397m	0.430	ppbv	
11) Trichlorofluoromethane	1.878	101	5720	0.562	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.137	101	4540	0.540	ppbv	94
13) Ethanol	1.722	45	474m	0.592	ppbv	
14) Bromoethene	1.784	108	1680	0.542	ppbv #	87
15) Acetone	1.839	43	7680	0.610	ppbv #	82
16) 1,3-Butadiene	1.609	39	3044	0.549	ppbv	86
17) tert-Butyl alcohol	2.046	59	6256	0.564	ppbv #	91
18) 1,1-Dichloroethene	2.036	96	2240	0.571	ppbv	94
19) Isopropyl Alcohol	1.887	45	4208	0.604	ppbv #	96
20) Methylene Chloride	2.062	84	2594	0.686	ppbv #	80
21) Allyl Chloride	2.098	41	4420	0.546	ppbv #	93
22) trans-1,2-Dichloroethene	2.340	96	2554	0.557	ppbv	95
23) Vinyl Acetate	2.460	43	6541	0.558	ppbv #	95
24) 1,1-Dichloroethane	2.412	63	4933	0.528	ppbv	98
25) Ethyl Acetate	2.842	43	10344	0.514	ppbv #	96
26) Hexane	2.829	57	4403	0.502	ppbv	95
27) Carbon Disulfide	2.153	76	5201	0.508	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	2762	0.524	ppbv #	82
29) Chloroform	2.852	83	8791	0.535	ppbv	92
30) Cyclohexane	3.855	84	3910m	0.533	ppbv	
31) cis-1,2-Dichloroethene	2.726	61	5345m	0.522	ppbv	
32) 1,1,1-Trichloroethane	3.366	97	8846m	0.496	ppbv	
34) 2-Butanone	2.564	43	7766	0.554	ppbv	93
35) Carbon Tetrachloride	3.768	117	8286	0.492	ppbv	86
36) Benzene	3.655	78	8951	0.490	ppbv #	92
37) 1,2-Dichloroethane	3.224	62	7149	0.507	ppbv #	95
38) Trichloroethene	4.548	130	3769m	0.541	ppbv	
39) 1,2-Dichloropropane	4.321	63	3561m	0.520	ppbv	
40) 1,4-Dioxane	4.619	88	1701m	0.534	ppbv	
41) Tetrahydrofuran	3.069	42	3187m	0.480	ppbv	
42) Bromodichloromethane	4.496	83	8212	0.477	ppbv	93
43) Methyl Methacrylate	4.891	69	3179m	0.467	ppbv	
44) 2,2,4-Trimethylpentane	4.648	57	14435m	0.489	ppbv	
45) t-1,3-Dichloropropene	6.415	75	4238m	0.473	ppbv	

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:42:12 2025

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

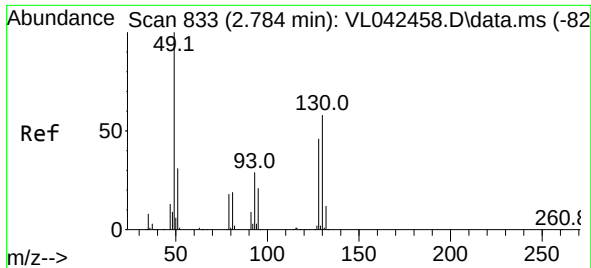
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 02 01:37:48 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	5091m	0.479	ppbv	
47) 1,1,2-Trichloroethane	6.584	97	3606m	0.480	ppbv	
48) Dibromochloromethane	7.390	129	6304m	0.498	ppbv	
49) Bromoform	9.484	173	5228	0.492	ppbv	97
50) 4-Methyl-2-Pentanone	5.771	43	8248m	0.466	ppbv	
51) 2-Hexanone	7.454	43	6283m	0.443	ppbv	
52) Tetrachloroethene	8.221	164	3151m	0.453	ppbv	
53) Toluene	6.933	91	9052m	0.468	ppbv	
54) 1,2-Dibromoethane	7.652	107	5705	0.494	ppbv	83
56) 1,1,1,2-Tetrachloroethane	8.924	131	5152	0.524	ppbv #	92
57) Chlorobenzene	8.924	112	9173	0.548	ppbv #	86
58) Ethyl Benzene	9.357	91	12427	0.446	ppbv	90
59) m/p-Xylene	9.552	91	20195m	0.865	ppbv	
60) o-Xylene	9.966	91	9976m	0.427	ppbv	
61) Styrene	9.872	104	3457m	0.396	ppbv	
62) Isopropylbenzene	10.545	105	14837	0.440	ppbv	95
63) 1,1,2,2-Tetrachloroethane	9.963	83	8135	0.537	ppbv	96
64) n-propylbenzene	10.992	120	3329m	0.405	ppbv	
65) tert-Butylbenzene	11.536	119	12655	0.421	ppbv	99
66) Benzyl Chloride	11.613	91	1317m	0.379	ppbv	
67) sec-Butylbenzene	11.769	105	17905	0.419	ppbv	97
69) p-Isopropyltoluene	11.927	119	15036	0.417	ppbv	94
70) n-Butylbenzene	12.283	91	15016	0.403	ppbv	93
71) 2-Chlorotoluene	10.905	91	11702	0.443	ppbv	99
72) 4-Ethyltoluene	11.128	105	10671	0.387	ppbv #	91
73) 1,3,5-Trimethylbenzene	11.206	105	9808	0.405	ppbv	89
74) 1,2,4-Trimethylbenzene	11.539	105	13060	0.445	ppbv #	83
75) 1,3-Dichlorobenzene	11.607	146	8127	0.498	ppbv	96
76) 1,4-Dichlorobenzene	11.675	146	7238	0.469	ppbv	96
77) 1,2-Dichlorobenzene	11.950	146	8141	0.509	ppbv	94
78) Hexachloro-1,3-Butadiene	13.886	225	8565	0.537	ppbv	99
79) Naphthalene	13.517	128	9735m	0.396	ppbv	
80) Naphthalene,2-methyl-	14.458	142	4153	0.226	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	4992	0.379	ppbv	98

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



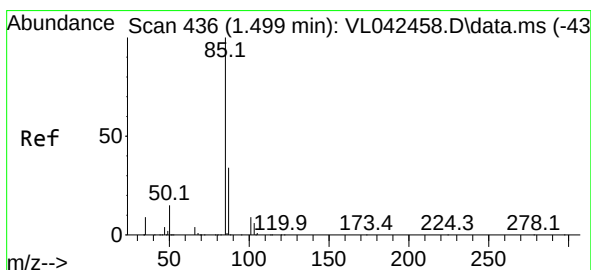
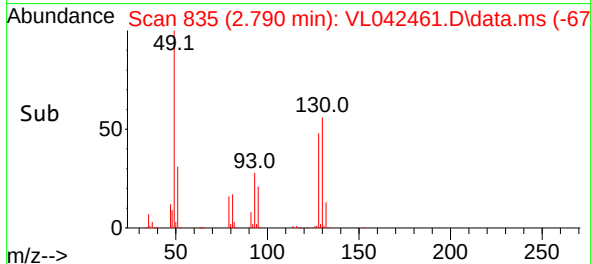
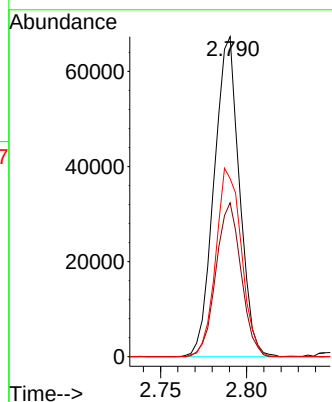
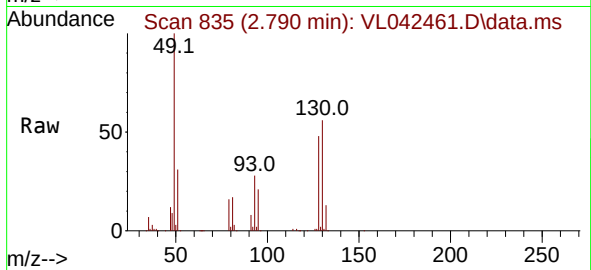
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 6891
Ion Ratio Lower Upper
49 100
128 47.7 23.3 69.9
130 59.4 29.5 88.6

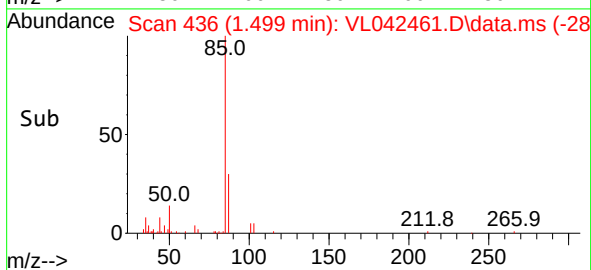
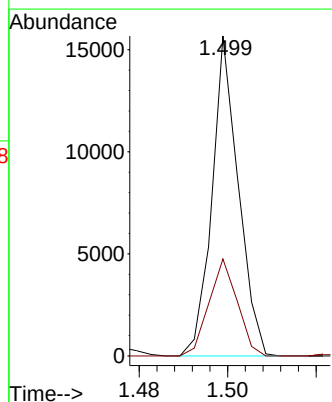
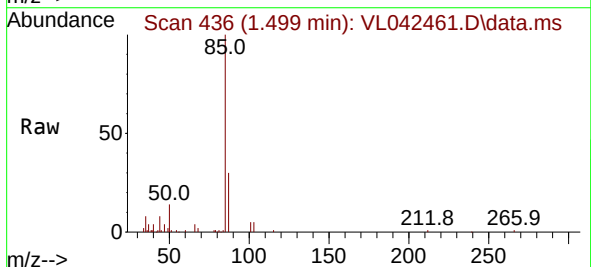
Manual Integrations
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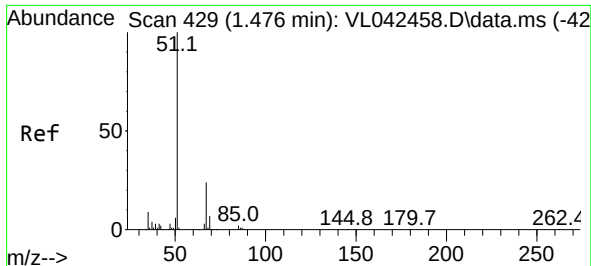
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#2
Dichlorodifluoromethane
Concen: 0.570 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 85 Resp: 6501
Ion Ratio Lower Upper
85 100
87 30.3 26.9 40.3





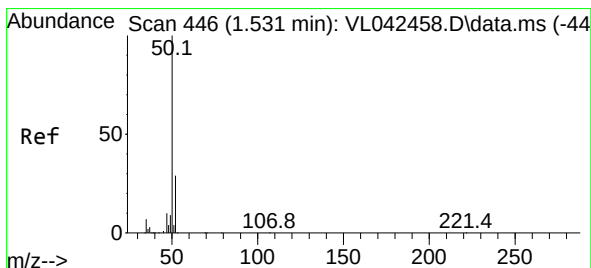
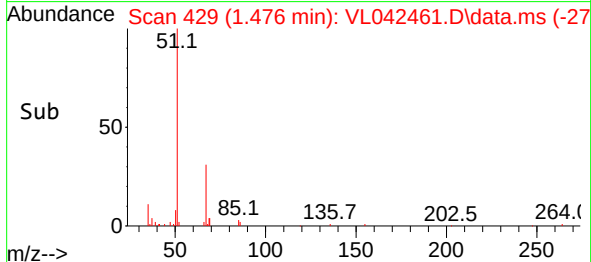
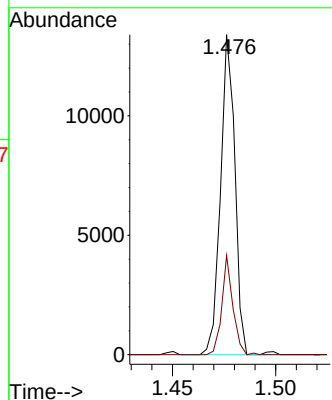
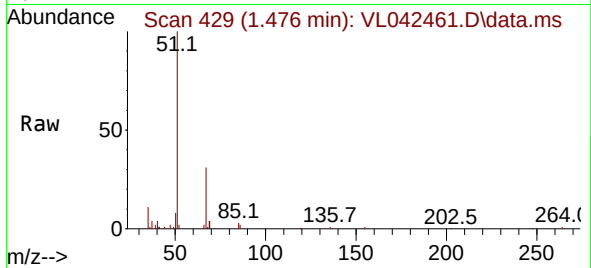
#3
Chlorodifluoromethane
Concen: 0.539 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 6500
Ion Ratio Lower Upper
51 100
67 23.7 18.4 27.6

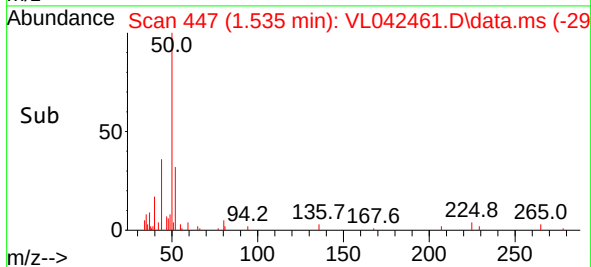
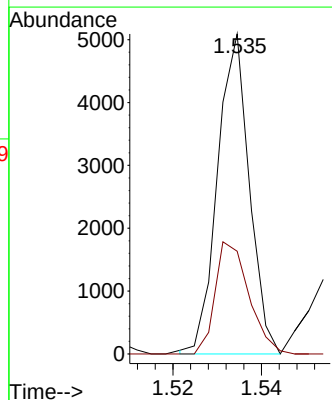
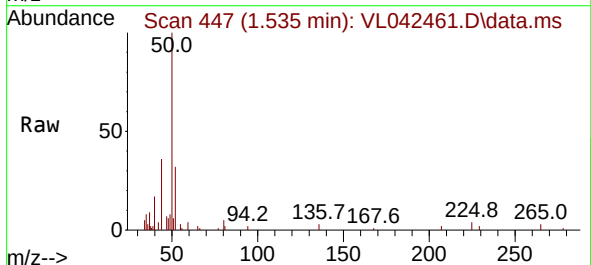
Manual Integrations
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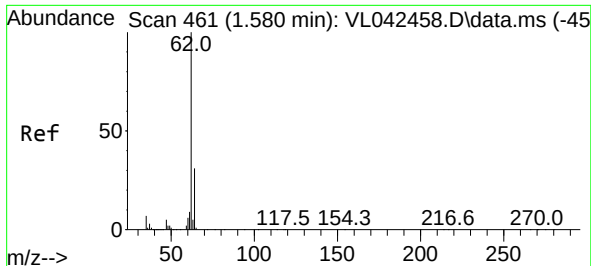
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#4
Chloromethane
Concen: 0.533 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

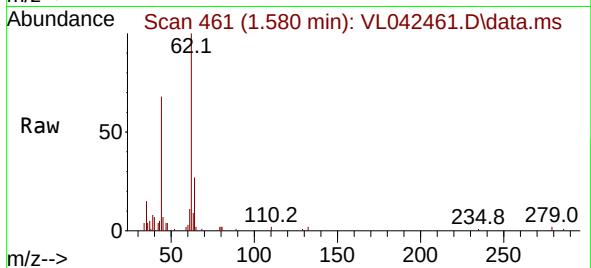
Tgt Ion: 50 Resp: 2542
Ion Ratio Lower Upper
50 100
52 32.1 23.5 35.3





#5
 Vinyl Chloride
 Concen: 0.509 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

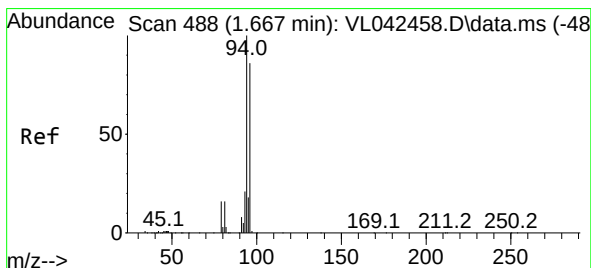
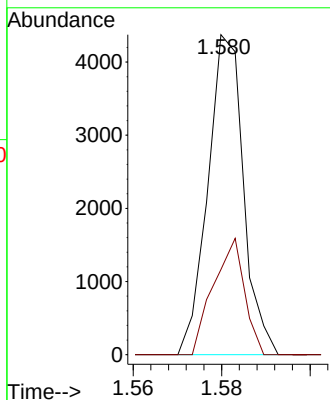
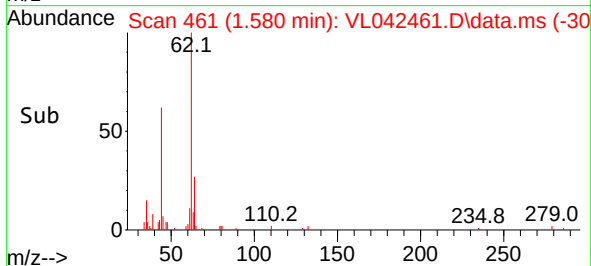
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5



Tgt Ion: 62 Resp: 244
 Ion Ratio Lower Upper
 62 100
 64 26.6 24.9 37.3

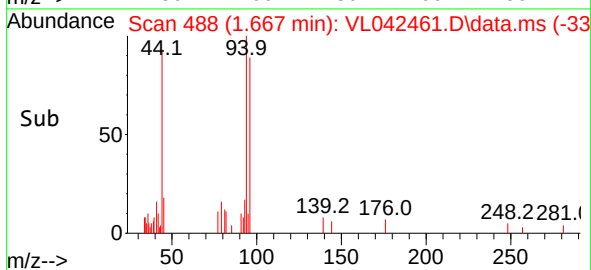
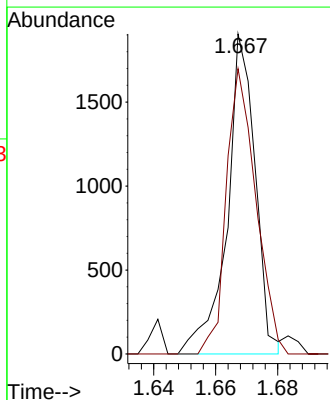
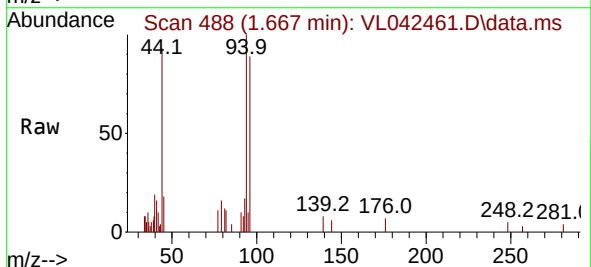
Manual Integrations
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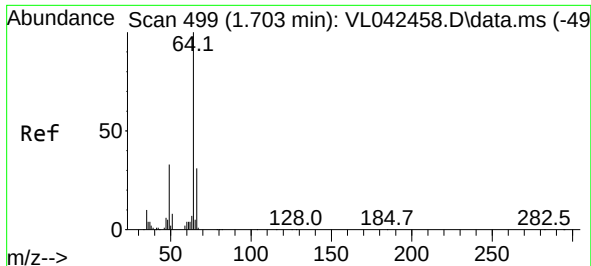
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#6
 Bromomethane
 Concen: 0.530 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

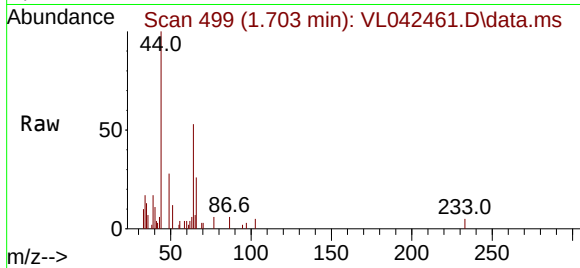
Tgt Ion: 94 Resp: 1202
 Ion Ratio Lower Upper
 94 100
 96 89.1 68.8 103.2





#7
Chloroethane
Concen: 0.486 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

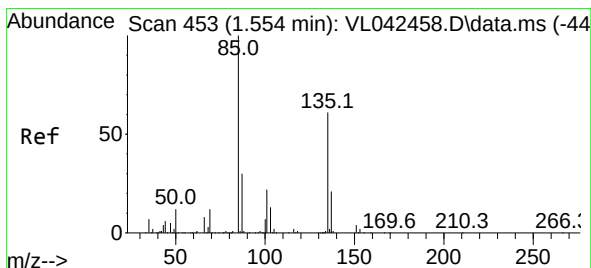
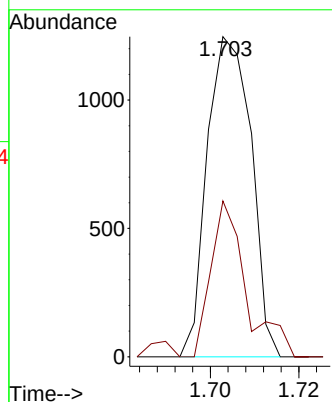
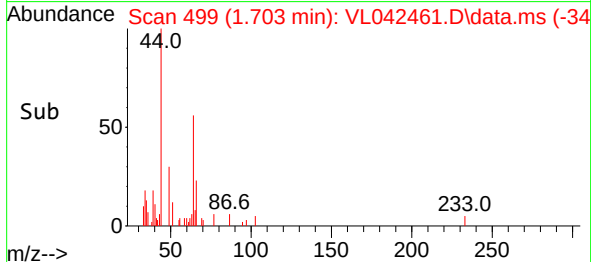
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



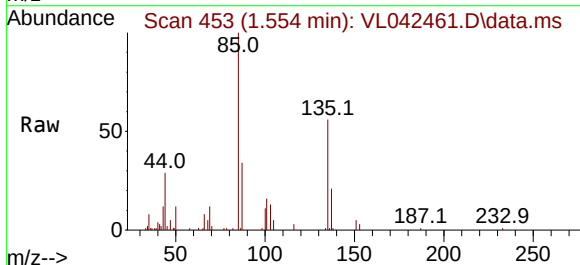
Tgt Ion: 64 Resp: 862
Ion Ratio Lower Upper
64 100
66 48.7 25.0 37.4

Manual Integrations
APPROVED

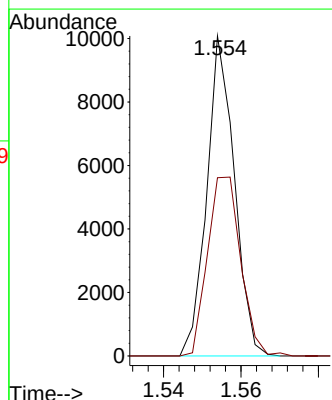
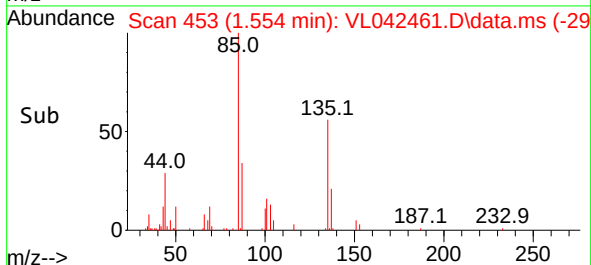
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

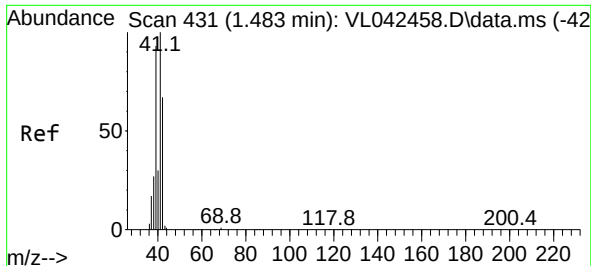


#8
Dichlorotetrafluoroethane
Concen: 0.530 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40



Tgt Ion: 85 Resp: 4979
Ion Ratio Lower Upper
85 100
135 67.4 49.8 74.8





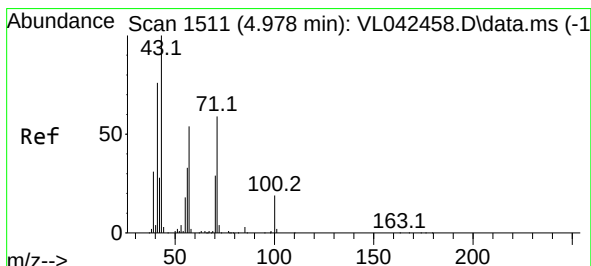
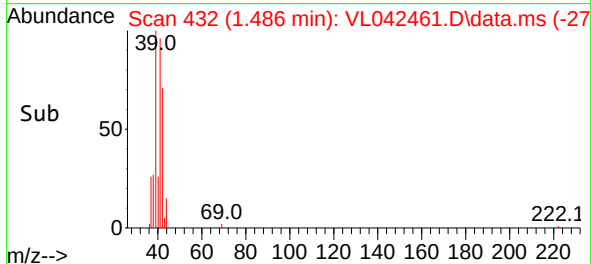
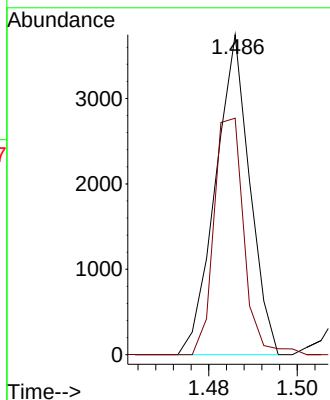
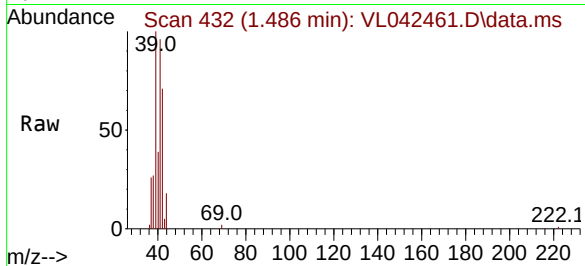
#9
 Propene
 Concen: 0.511 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Tgt Ion: 41 Resp: 201
 Ion Ratio Lower Upper
 41 100
 42 64.7 54.3 81.5

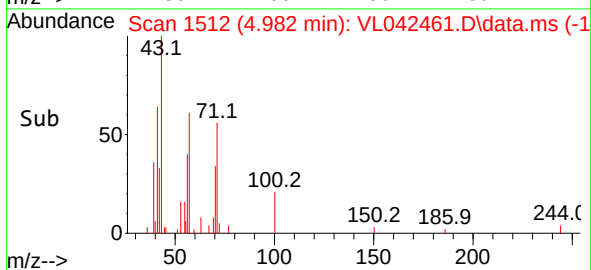
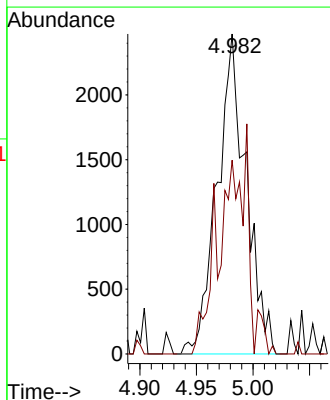
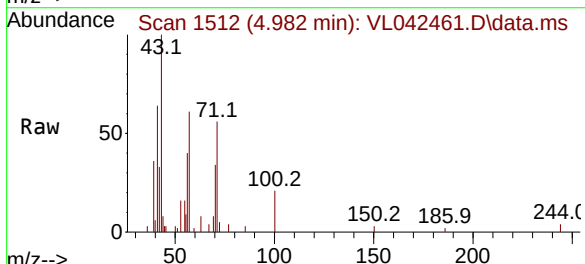
Manual Integrations
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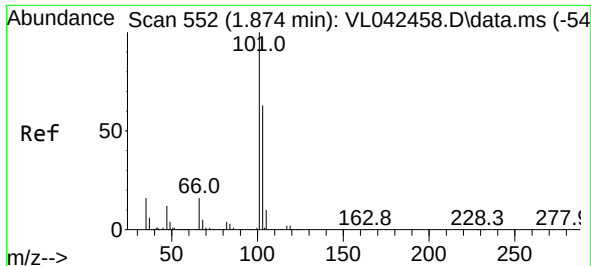
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#10
 Heptane
 Concen: 0.430 ppbv m
 RT: 4.982 min Scan# 1512
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

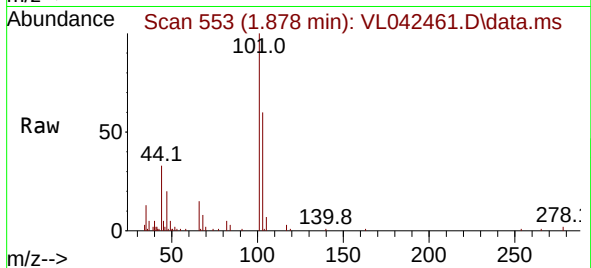
Tgt Ion: 43 Resp: 4397
 Ion Ratio Lower Upper
 43 100
 57 65.1 41.8 62.8#





#11
Trichlorofluoromethane
Concen: 0.562 ppbv
RT: 1.878 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

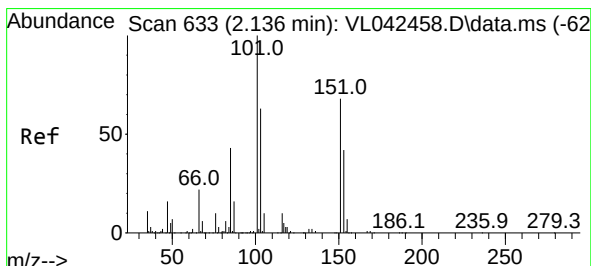
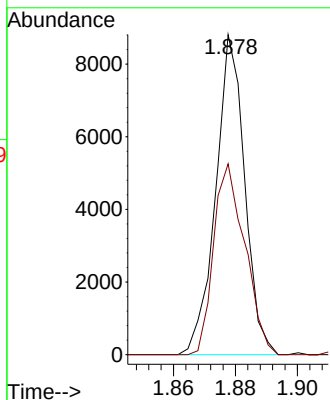
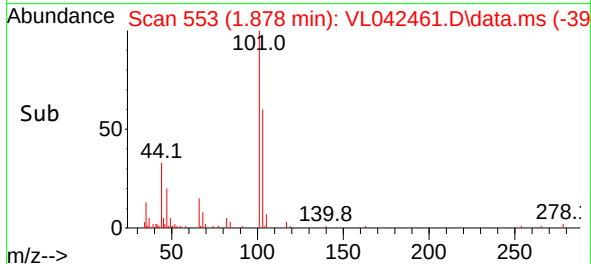
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



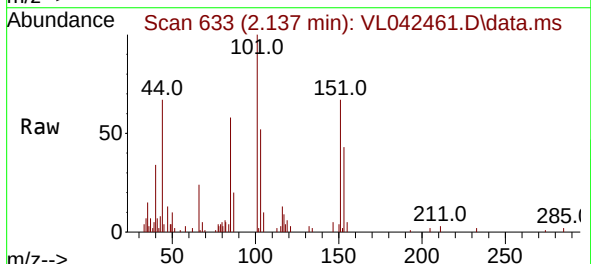
Tgt Ion:101 Resp: 5720
Ion Ratio Lower Upper
101 100
103 59.7 50.6 76.0

Manual Integrations
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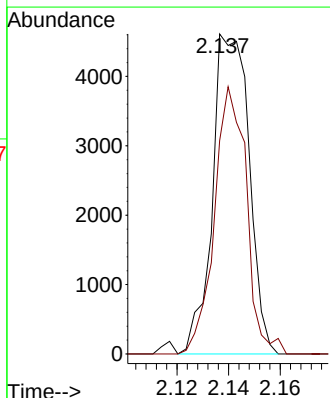
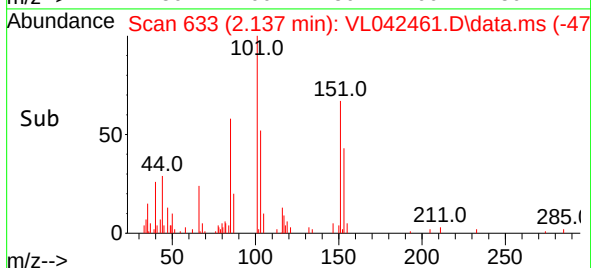
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

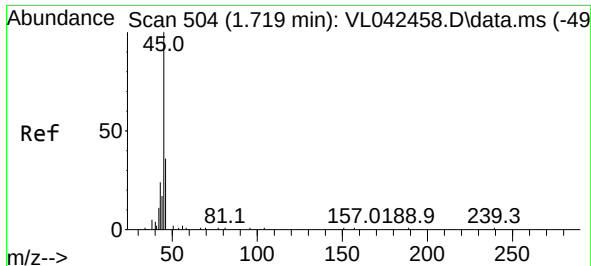


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.540 ppbv
RT: 2.137 min Scan# 633
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40



Tgt Ion:101 Resp: 4540
Ion Ratio Lower Upper
101 100
151 73.1 54.6 82.0





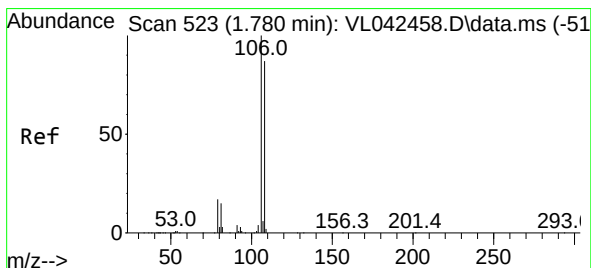
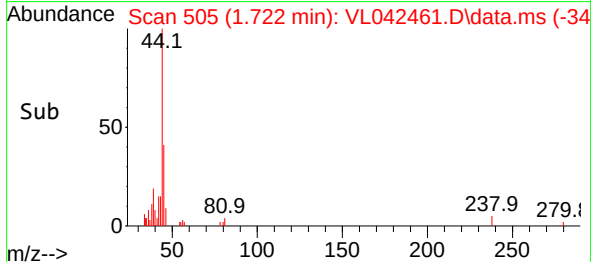
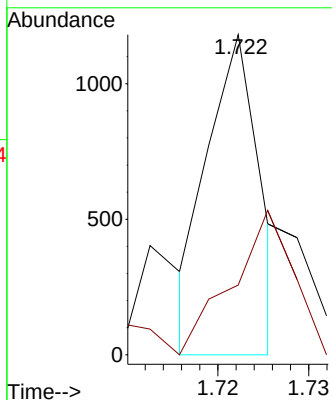
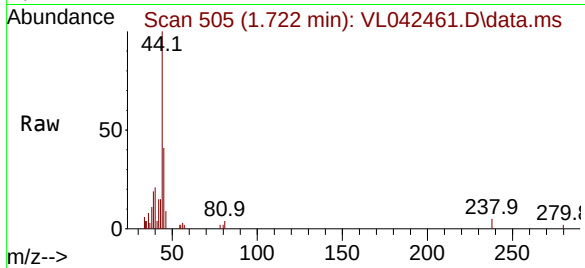
#13
Ethanol
Concen: 0.592 ppbv m
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 474
Ion Ratio Lower Upper
45 100
46 60.8 15.3 61.1

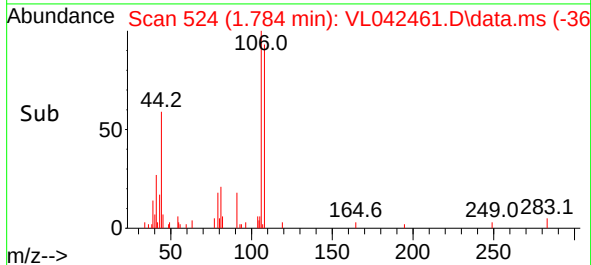
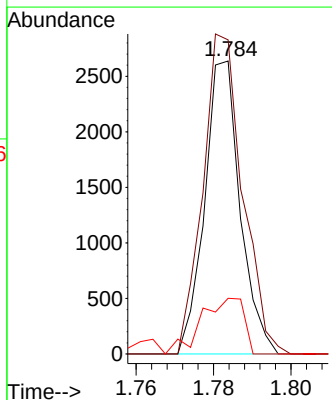
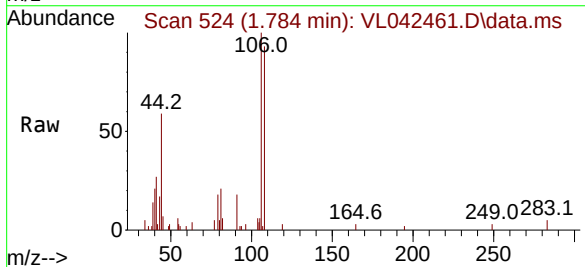
Manual Integrations
APPROVED

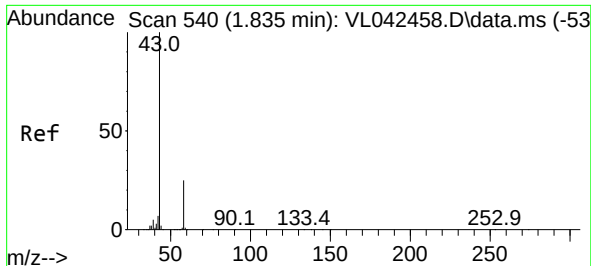
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#14
Bromoethene
Concen: 0.542 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:108 Resp: 1680
Ion Ratio Lower Upper
108 100
106 123.2 88.8 133.2
79 30.2 17.1 25.7#





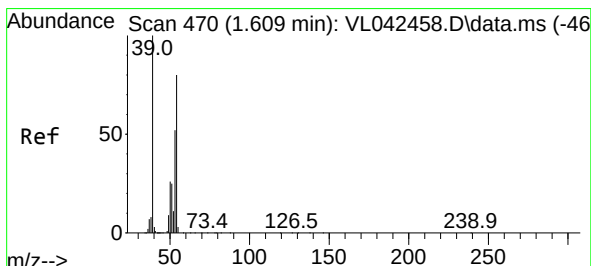
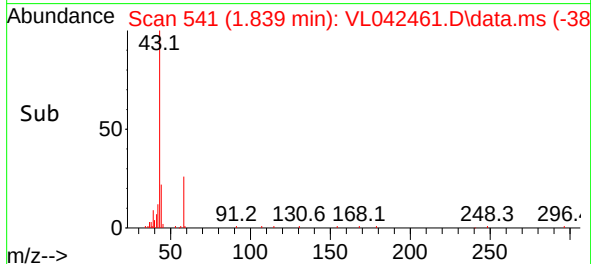
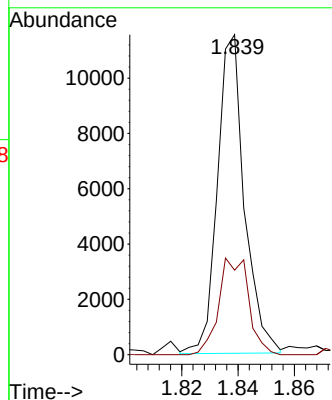
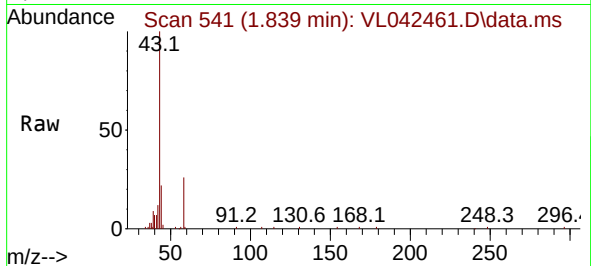
#15
Acetone
Concen: 0.610 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 7680
Ion Ratio Lower Upper
43 100
58 33.6 19.8 29.8

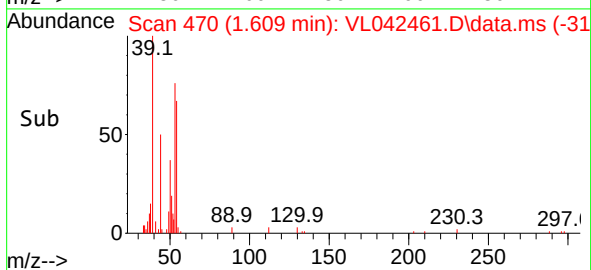
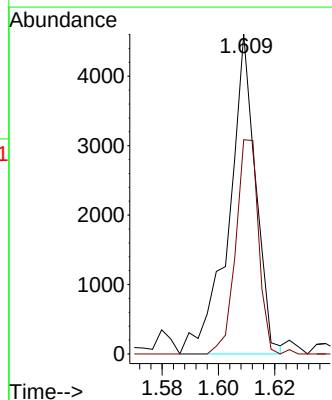
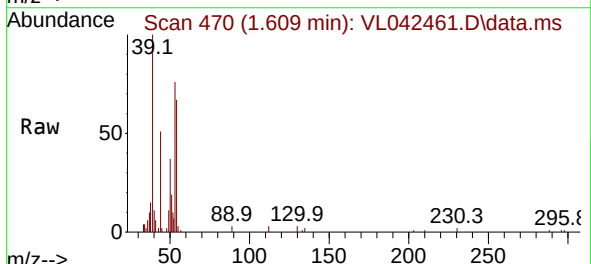
Manual Integrations
APPROVED

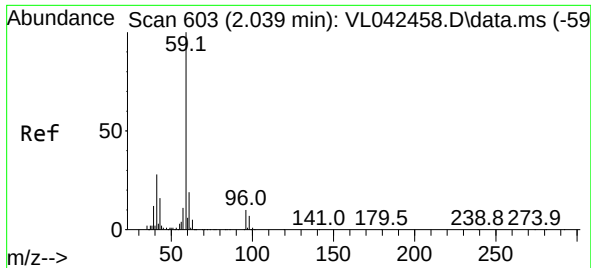
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#16
1,3-Butadiene
Concen: 0.549 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 39 Resp: 3044
Ion Ratio Lower Upper
39 100
54 57.3 55.2 82.8





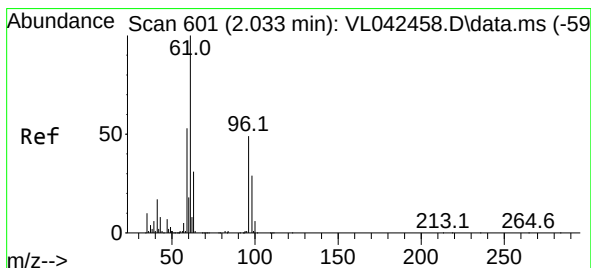
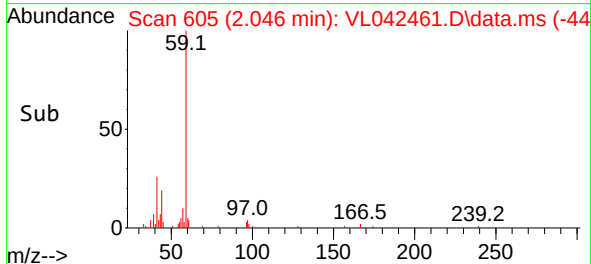
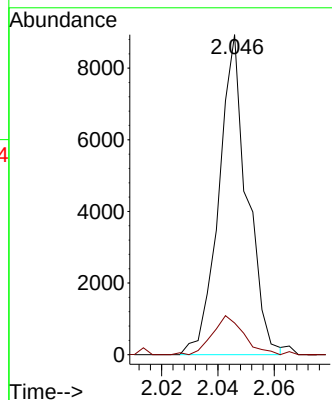
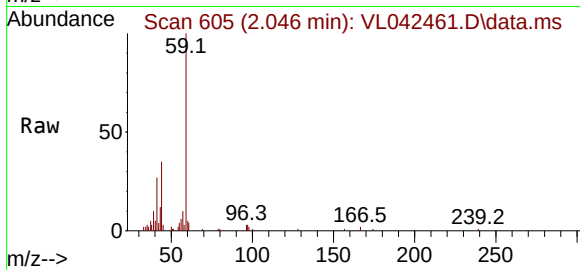
#17
tert-Butyl alcohol
Concen: 0.564 ppbv
RT: 2.046 min Scan# 601
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 6250
Ion Ratio Lower Upper
59 100
57 13.7 8.3 12.5

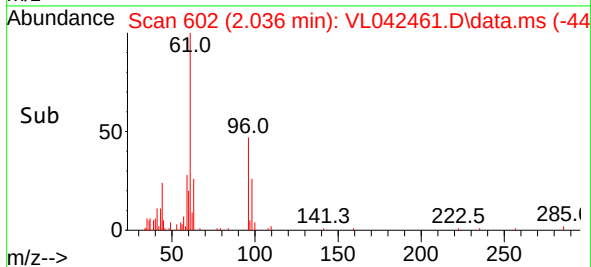
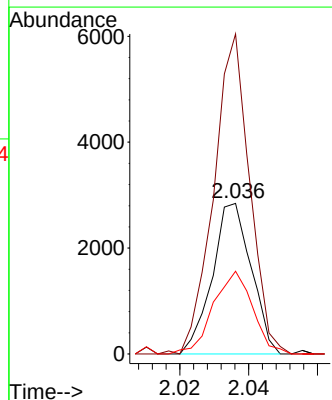
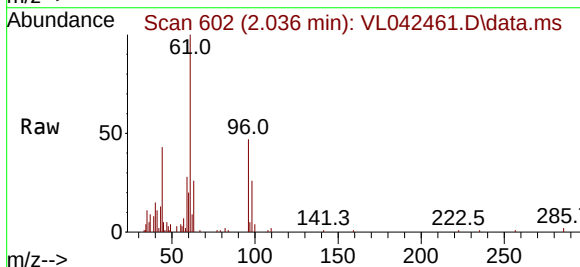
Manual Integrations
APPROVED

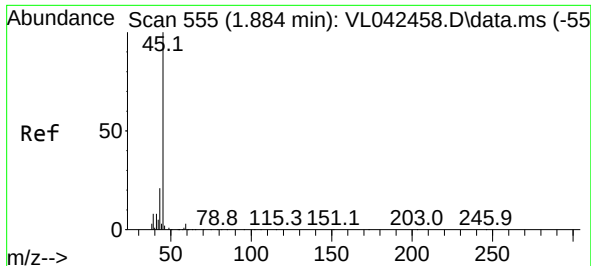
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#18
1,1-Dichloroethene
Concen: 0.571 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion: 96 Resp: 2240
Ion Ratio Lower Upper
96 100
61 212.4 164.9 247.3
98 52.2 48.2 72.2





#19

Isopropyl Alcohol

Concen: 0.604 ppbv

RT: 1.887 min Scan# 510

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

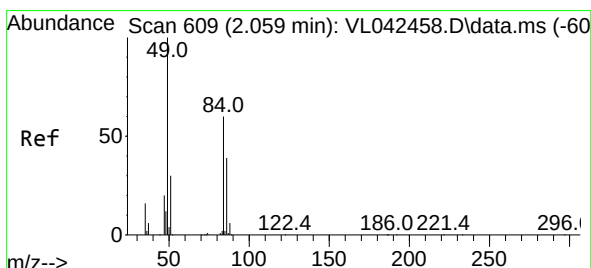
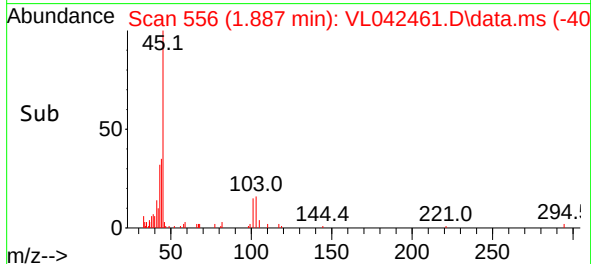
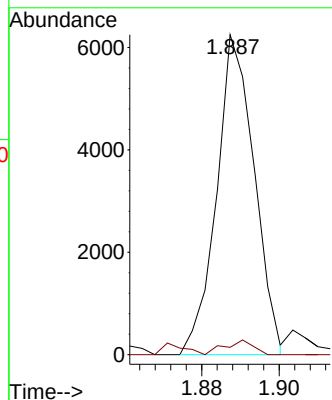
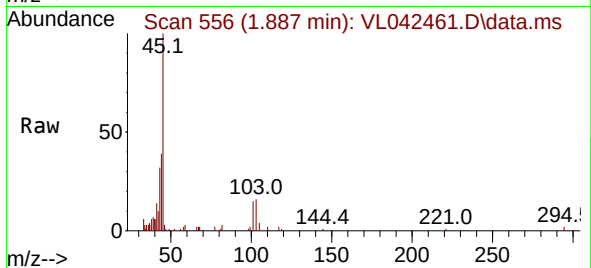
VSTDICC0.5

Tgt Ion: 45	Resp: 4208
Ion Ratio	Lower Upper
45 100	
58 3.4	1.6 2.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#20

Methylene Chloride

Concen: 0.686 ppbv

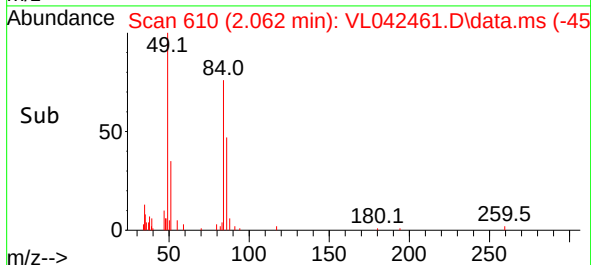
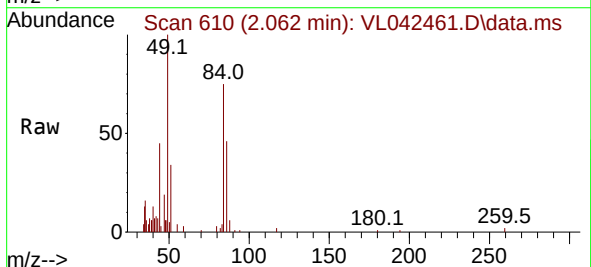
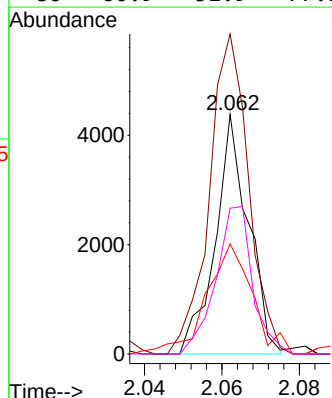
RT: 2.062 min Scan# 610

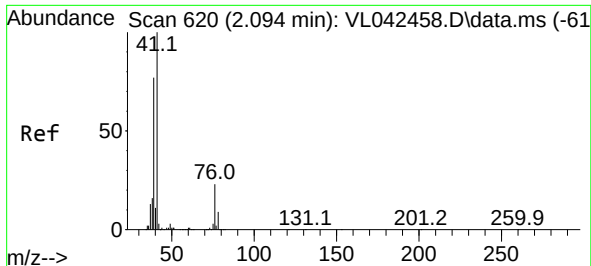
Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Tgt Ion: 84	Resp: 2594
Ion Ratio	Lower Upper
84 100	
49 131.1	133.9 200.9#
51 40.9	41.0 61.6#
86 60.9	51.9 77.9





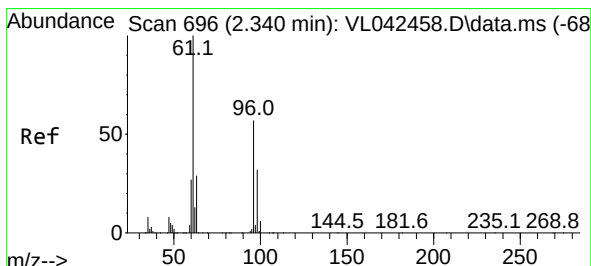
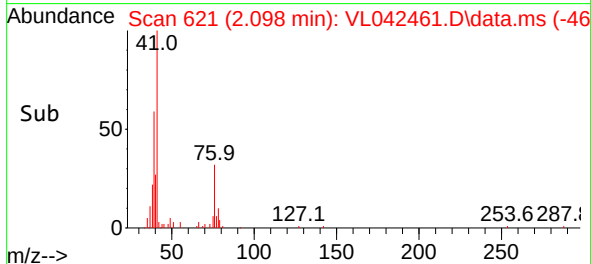
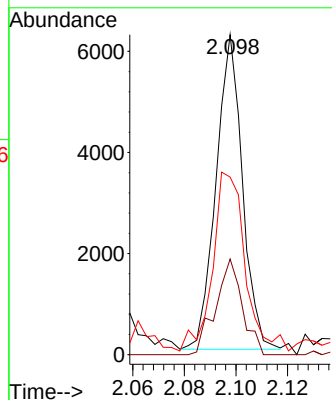
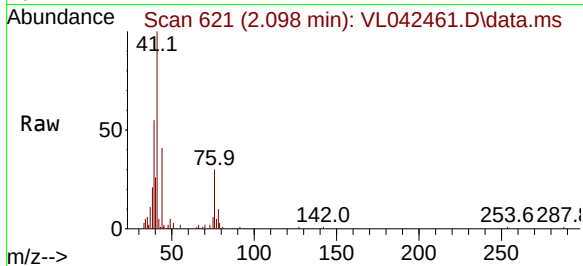
#21
 Allyl Chloride
 Concen: 0.546 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 4420
 Ion Ratio Lower Upper
 41 100
 76 30.8 19.6 29.4
 39 80.5 61.0 91.4

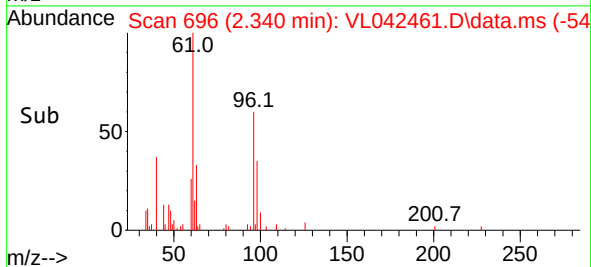
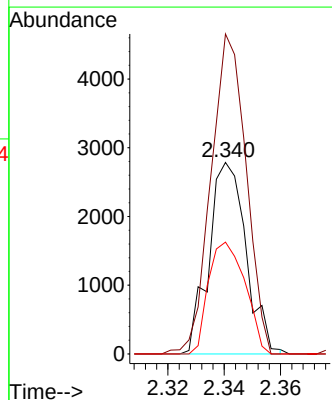
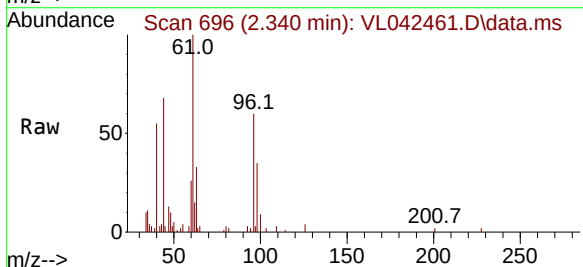
Manual Integrations
 APPROVED

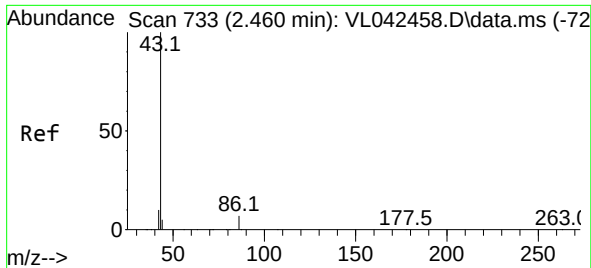
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.557 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion: 96 Resp: 2554
 Ion Ratio Lower Upper
 96 100
 61 170.3 141.8 212.6
 98 59.5 45.0 67.6





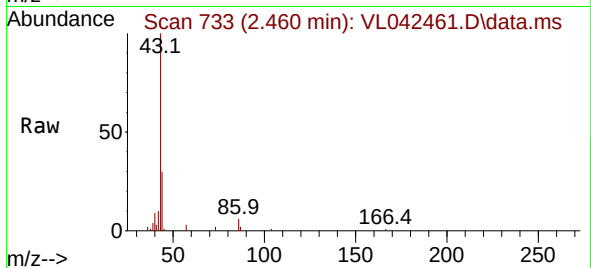
#23
 Vinyl Acetate
 Concen: 0.558 ppbv
 RT: 2.460 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

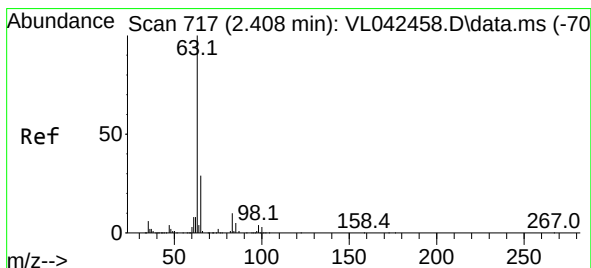
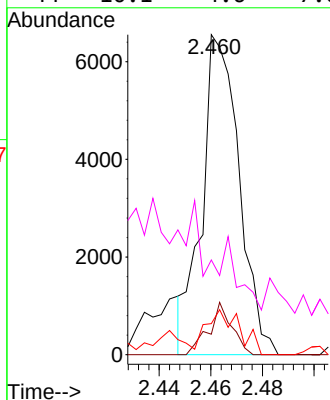
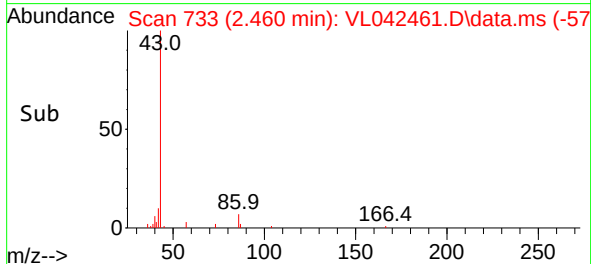


Tgt Ion:	43	Resp:	654
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.5	8.3
42	9.7	8.3	12.5
44	10.1	4.6	7.0

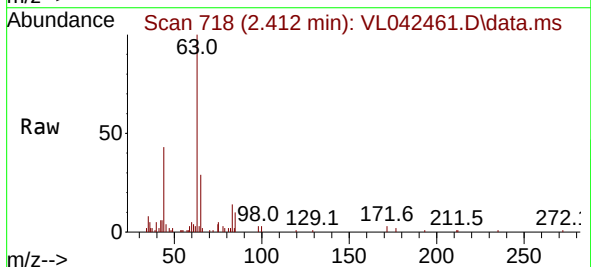
Manual Integrations

APPROVED

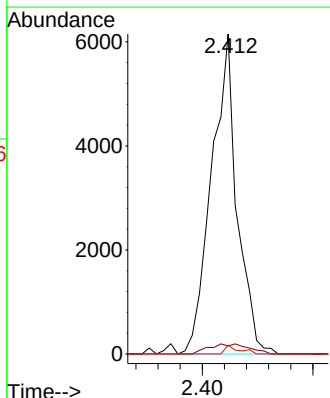
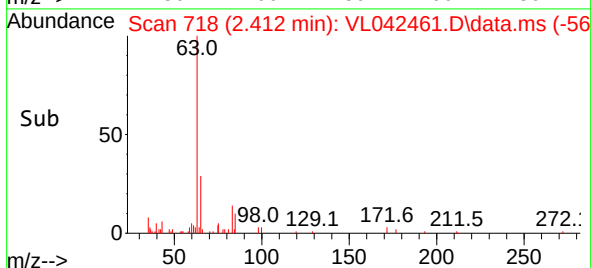
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

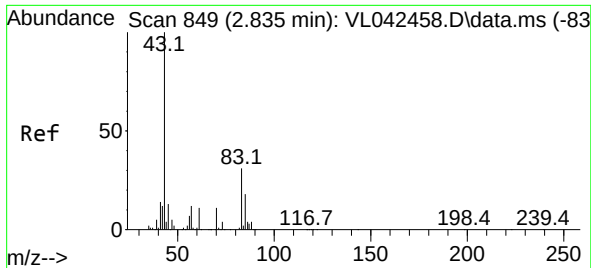


#24
 1,1-Dichloroethane
 Concen: 0.528 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40



Tgt Ion:	63	Resp:	4933
Ion	Ratio	Lower	Upper
63	100		
98	2.5	1.8	5.5
100	2.7	1.4	4.2





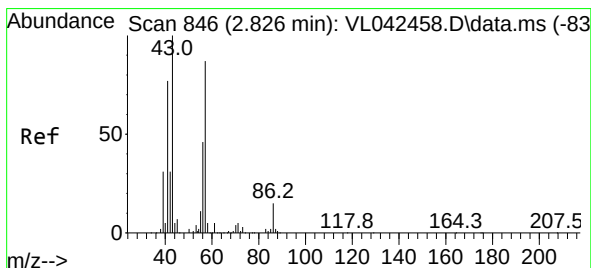
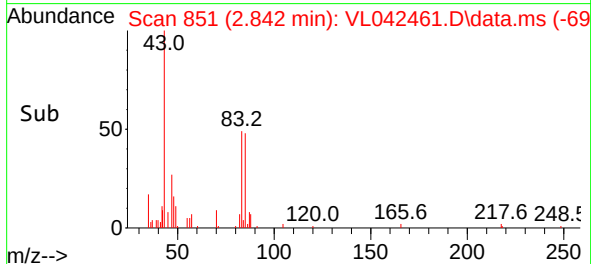
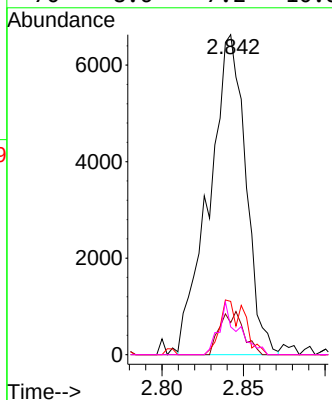
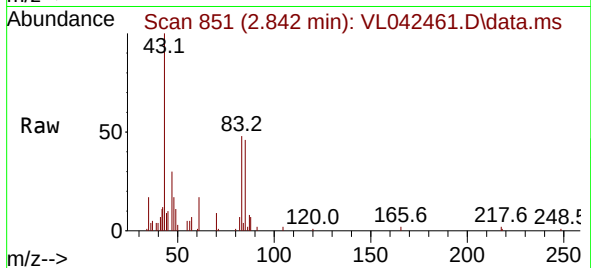
#25
Ethyl Acetate
Concen: 0.514 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 10344
Ion Ratio Lower Upper
43 100
45 8.7 7.8 11.6
61 11.8 7.2 10.8
70 8.6 7.2 10.8

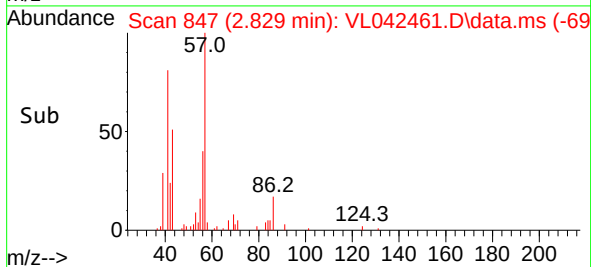
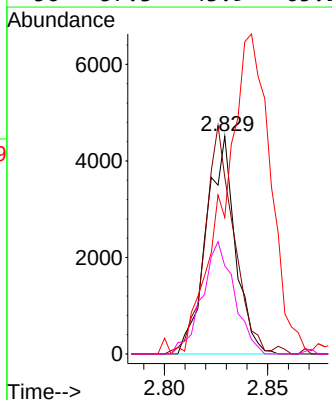
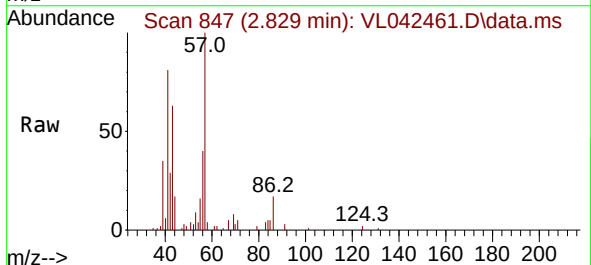
Manual Integrations
APPROVED

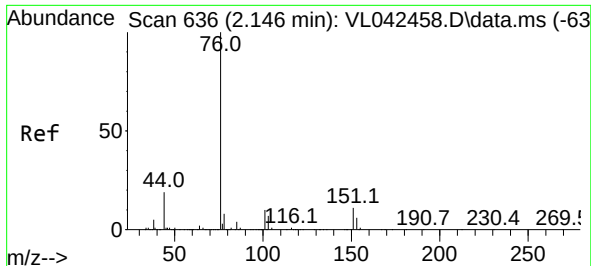
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#26
Hexane
Concen: 0.502 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

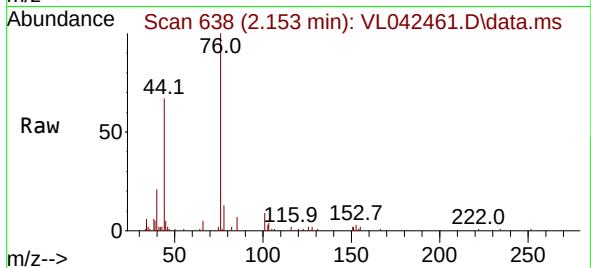
Tgt Ion: 57 Resp: 4403
Ion Ratio Lower Upper
57 100
41 105.8 77.8 116.8
43 240.9 187.0 280.6
56 57.3 43.9 65.9





#27
Carbon Disulfide
Concen: 0.508 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

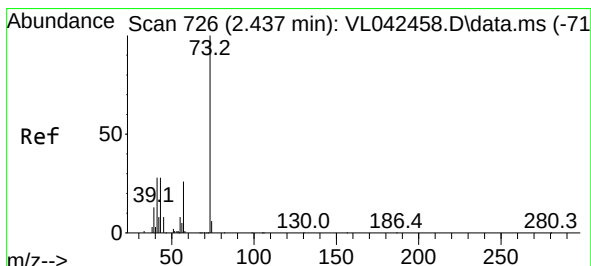
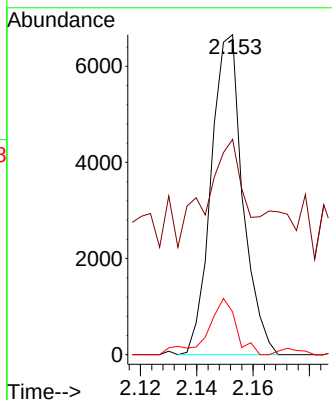
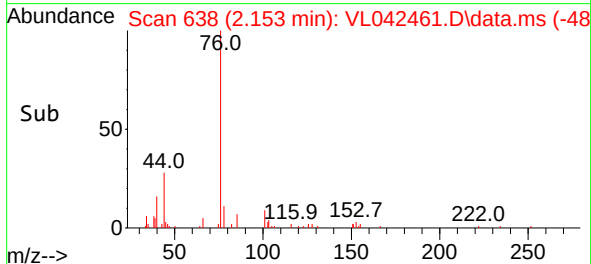
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 520
Ion Ratio Lower Upper
76 100
44 110.3 21.0 31.6
78 18.6 8.6 13.0

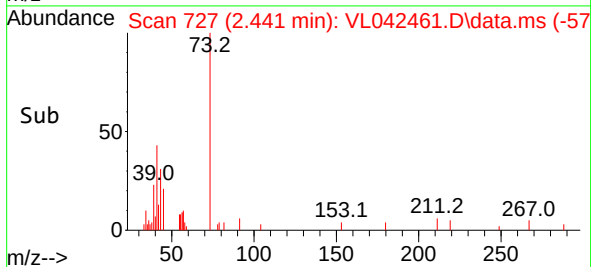
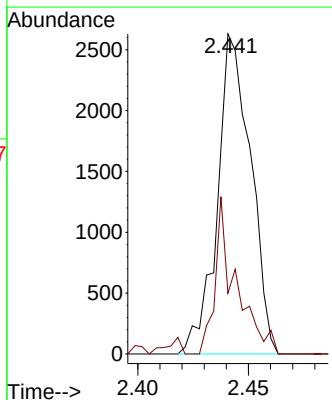
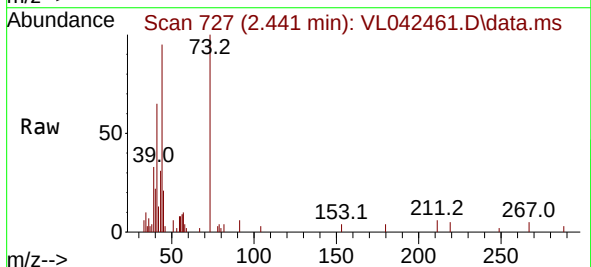
Manual Integrations
APPROVED

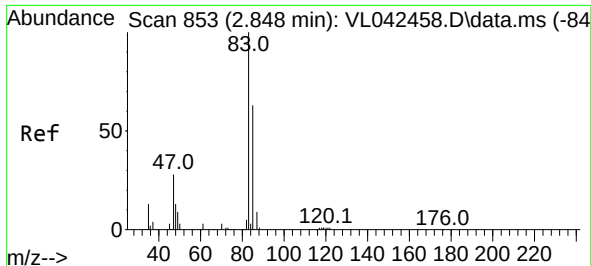
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#28
Methyl tert-Butyl Ether
Concen: 0.524 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

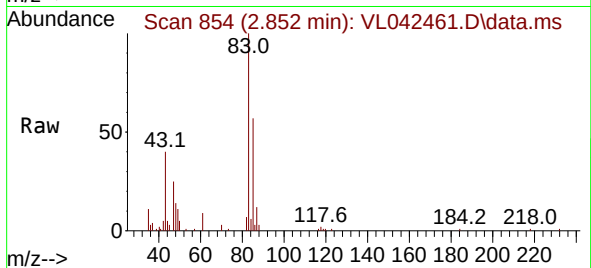
Tgt Ion: 73 Resp: 2762
Ion Ratio Lower Upper
73 100
57 34.1 19.9 29.9





#29
Chloroform
Concen: 0.535 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

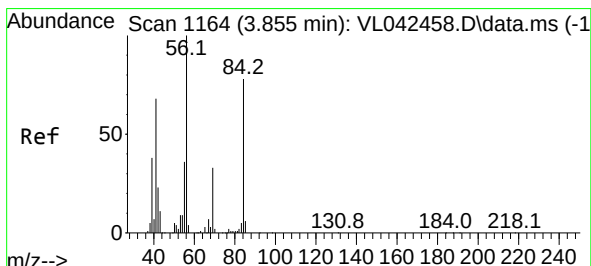
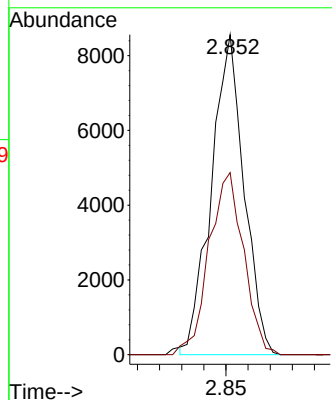
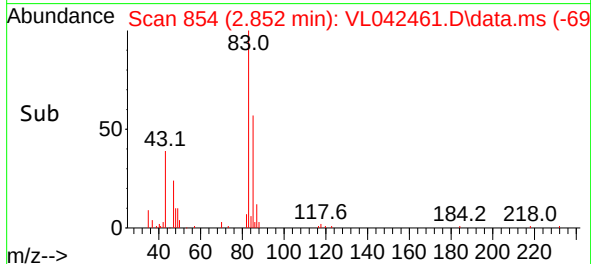
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 83 Resp: 879
Ion Ratio Lower Upper
83 100
85 56.9 50.4 75.6

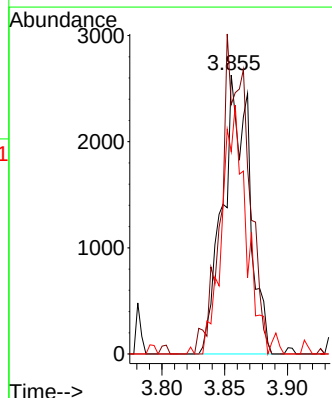
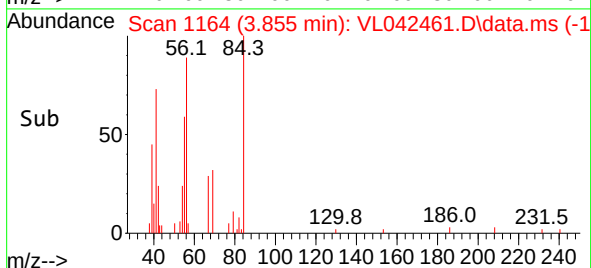
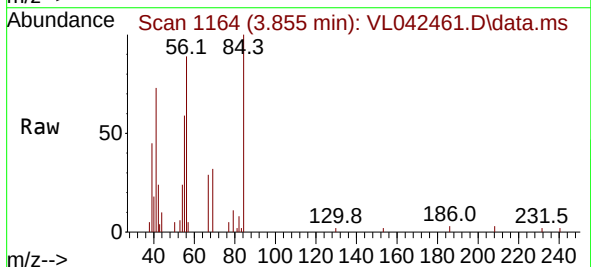
Manual Integrations
APPROVED

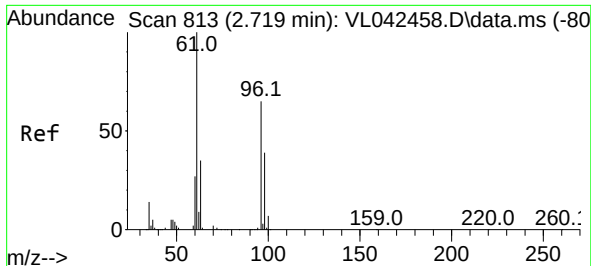
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#30
Cyclohexane
Concen: 0.533 ppbv m
RT: 3.855 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

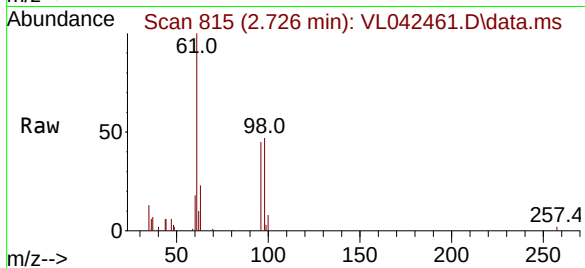
Tgt Ion: 84 Resp: 3910
Ion Ratio Lower Upper
84 100
56 0.0 98.1 147.1#
41 0.0 65.8 98.8#





#31
 cis-1,2-Dichloroethene
 Concen: 0.522 ppbv m
 RT: 2.726 min Scan# 813
 Delta R.T. 0.007 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

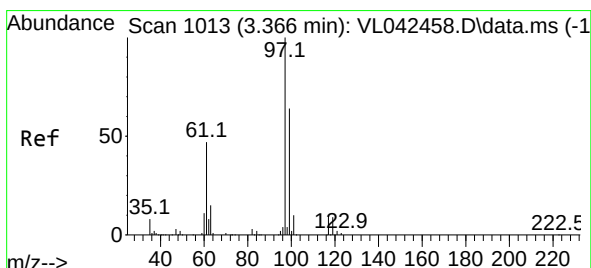
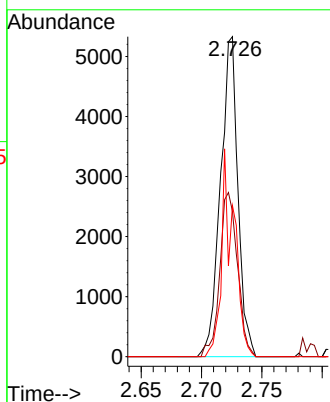
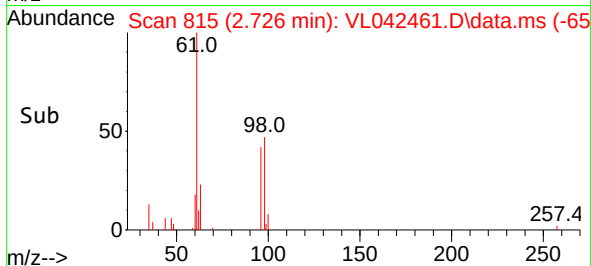
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



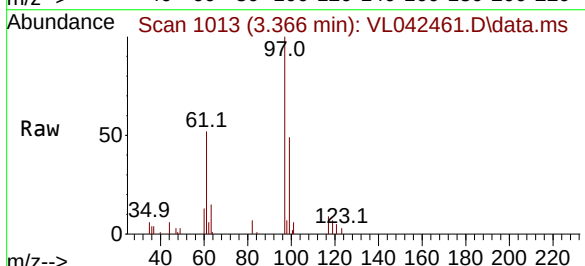
Tgt Ion: 61 Resp: 5345
 Ion Ratio Lower Upper
 61 100
 96 45.5 52.0 78.0
 98 47.2 31.0 46.6

Manual Integrations
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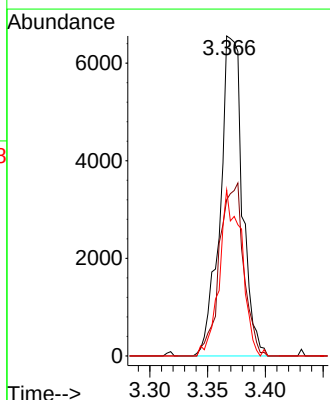
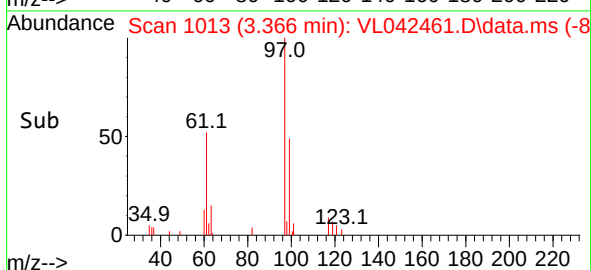
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

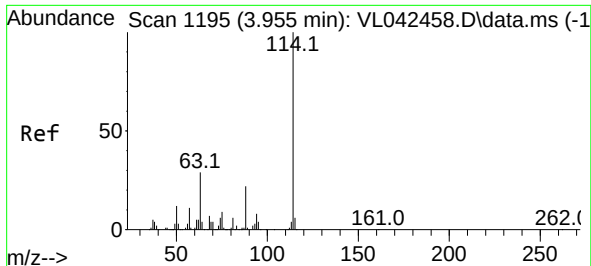


#32
 1,1,1-Trichloroethane
 Concen: 0.496 ppbv m
 RT: 3.366 min Scan# 1013
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40



Tgt Ion: 97 Resp: 8846
 Ion Ratio Lower Upper
 97 100
 99 58.2 50.7 76.1
 61 51.5 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

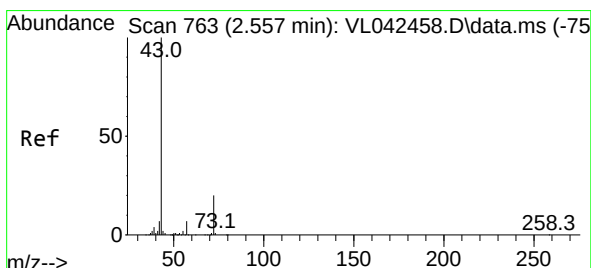
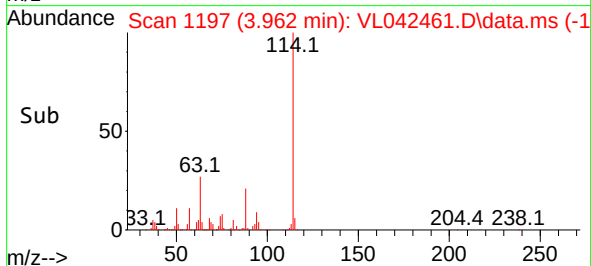
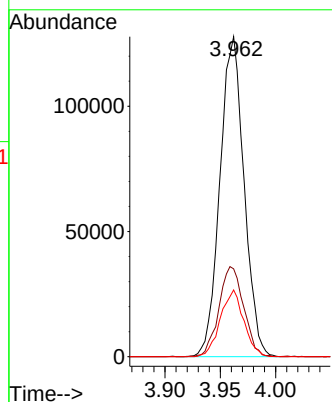
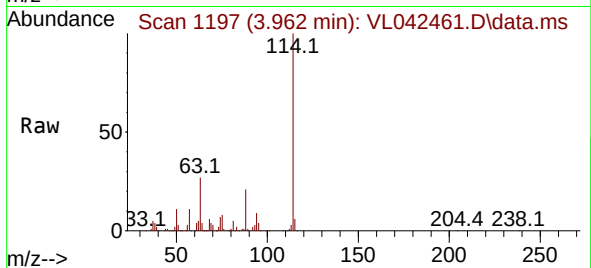
VSTDICC0.5

Tgt Ion:	114	Resp:	19370
Ion Ratio	Lower	Upper	
114	100		
63	29.0	23.1	34.7
88	20.3	16.1	24.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#34

2-Butanone

Concen: 0.554 ppbv

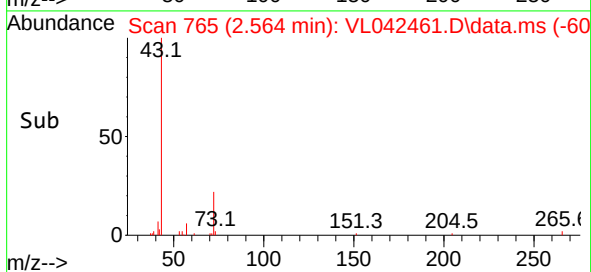
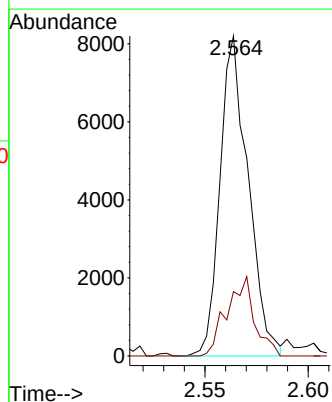
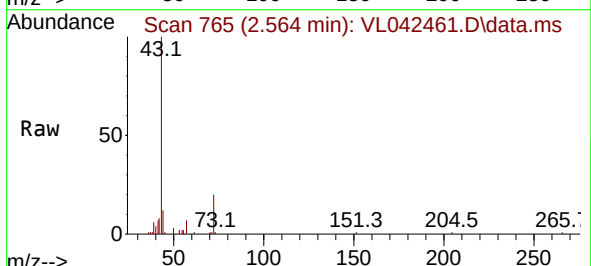
RT: 2.564 min Scan# 765

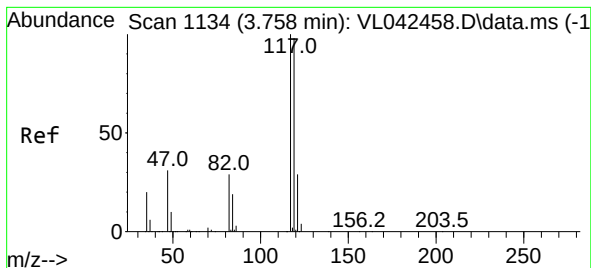
Delta R.T. 0.007 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Tgt Ion:	43	Resp:	7766
Ion Ratio	Lower	Upper	
43	100		
72	24.4	16.7	25.1





#35

Carbon Tetrachloride

Concen: 0.492 ppbv

RT: 3.768 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

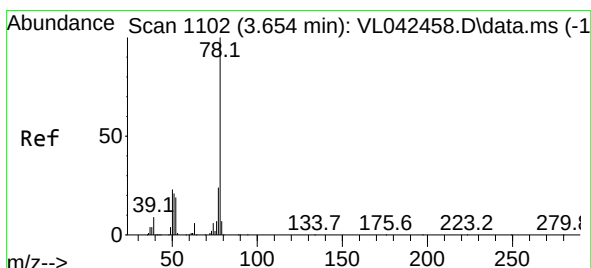
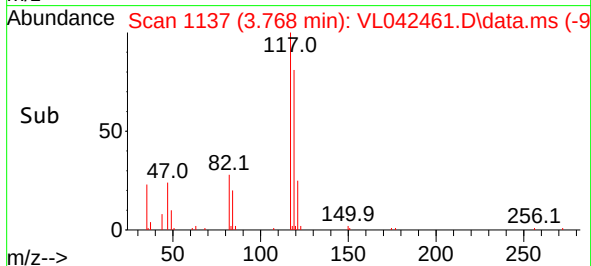
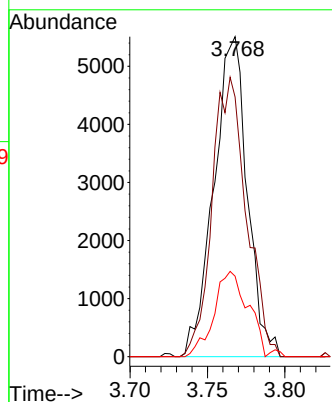
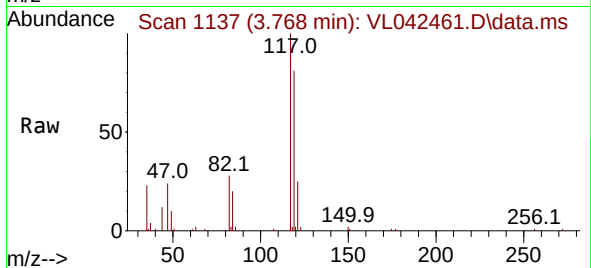
VSTDICC0.5

Tgt Ion:	117	Resp:	8280
Ion	Ratio	Lower	Upper
117	100		
119	81.2	78.1	117.1
121	25.1	23.0	34.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#36

Benzene

Concen: 0.490 ppbv

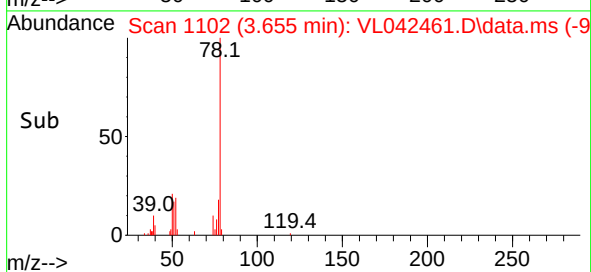
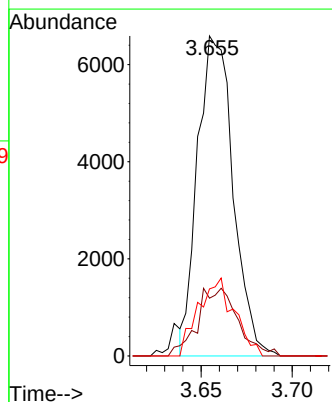
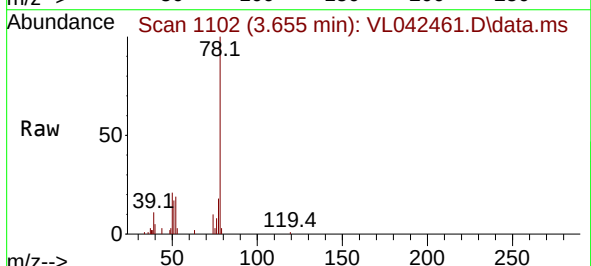
RT: 3.655 min Scan# 1102

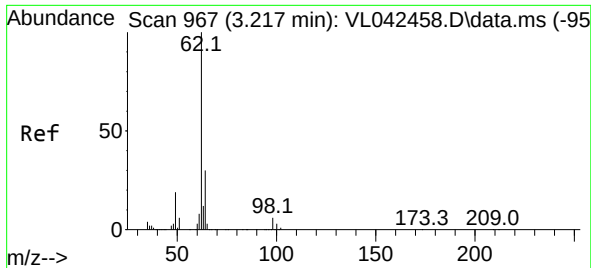
Delta R.T. 0.000 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

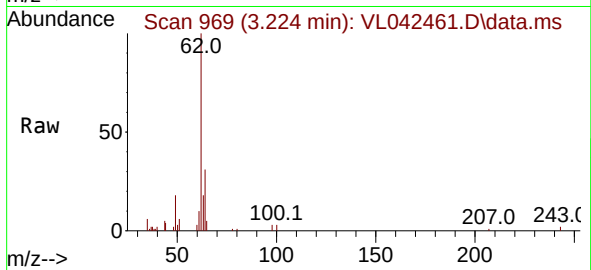
Tgt Ion:	78	Resp:	8951
Ion	Ratio	Lower	Upper
78	100		
77	18.0	18.9	28.3
50	20.9	18.4	27.6





#37
1,2-Dichloroethane
Concen: 0.507 ppbv
RT: 3.224 min Scan# 969
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

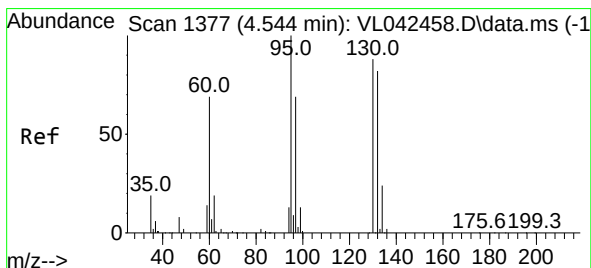
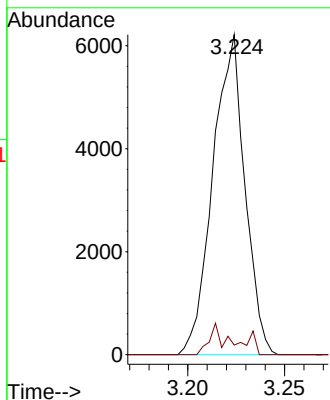
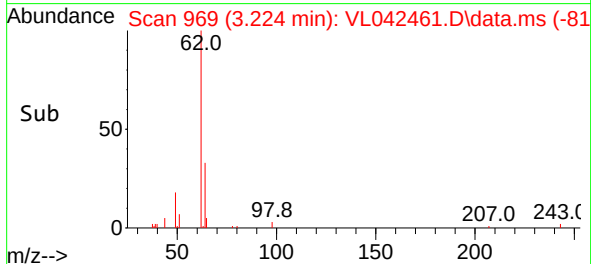
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



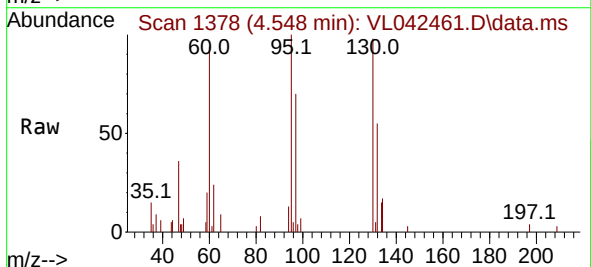
Tgt Ion: 62 Resp: 7149
Ion Ratio Lower Upper
62 100
98 7.0 4.3 6.5

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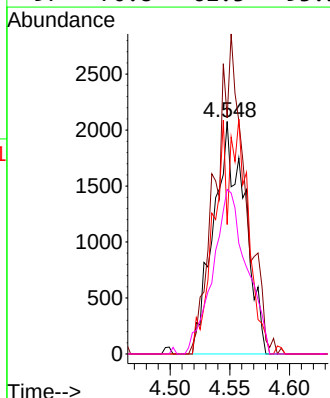
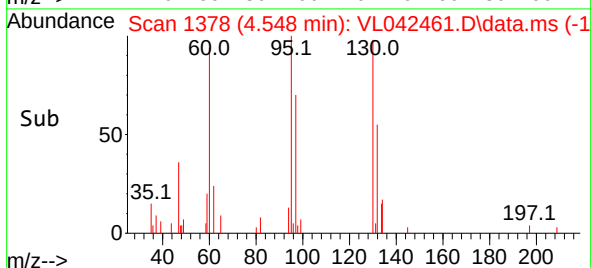
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

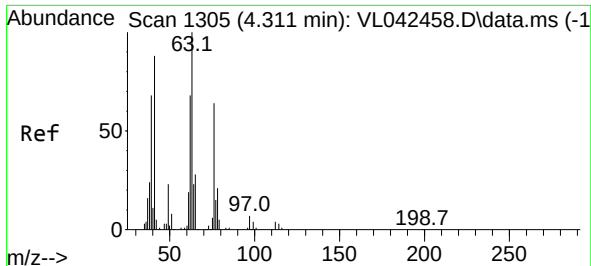


#38
Trichloroethene
Concen: 0.541 ppbv m
RT: 4.548 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40



Tgt Ion:130 Resp: 3769
Ion Ratio Lower Upper
130 100
95 101.5 91.0 136.4
132 55.7 74.2 111.4#
97 70.8 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.520 ppbv m

RT: 4.321 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

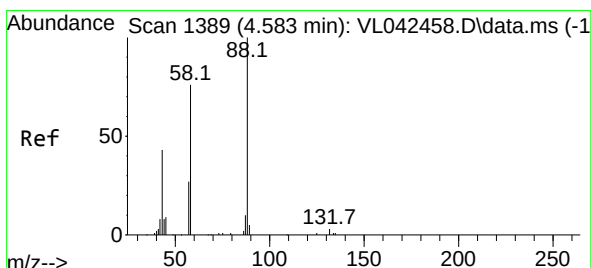
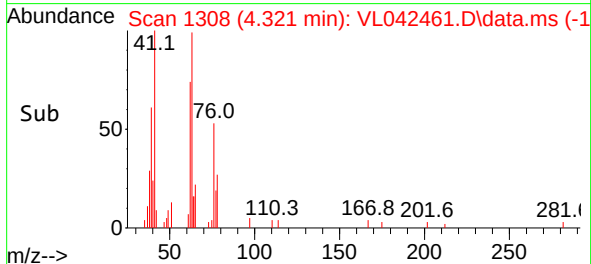
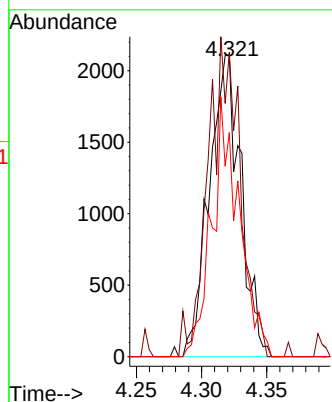
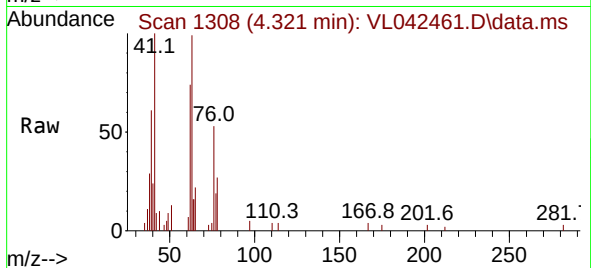
VSTDICC0.5

Tgt Ion: 63	Resp: 356
Ion Ratio	Lower Upper
63 100	
41 100.8	69.8 104.6
62 74.2	54.3 81.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#40

1,4-Dioxane

Concen: 0.534 ppbv m

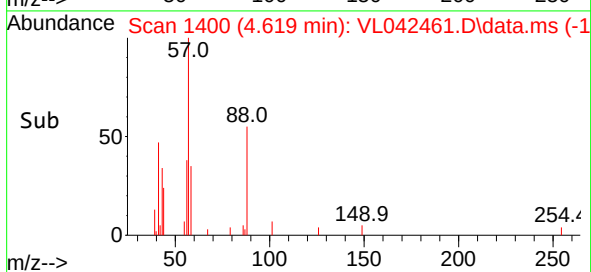
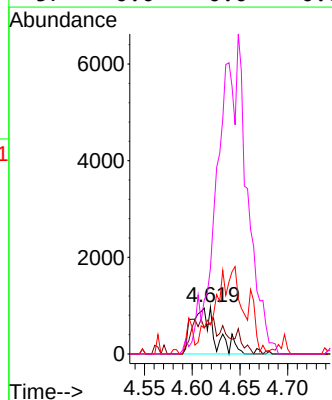
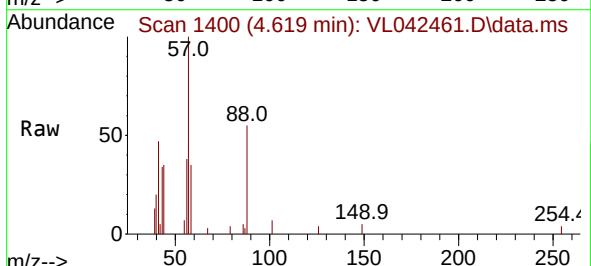
RT: 4.619 min Scan# 1400

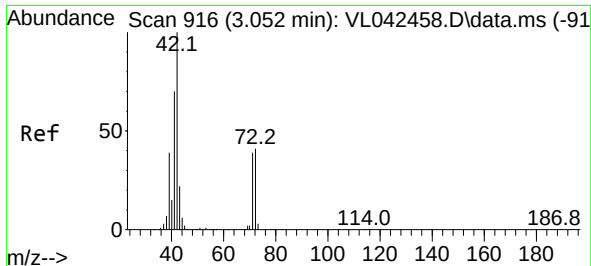
Delta R.T. 0.036 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

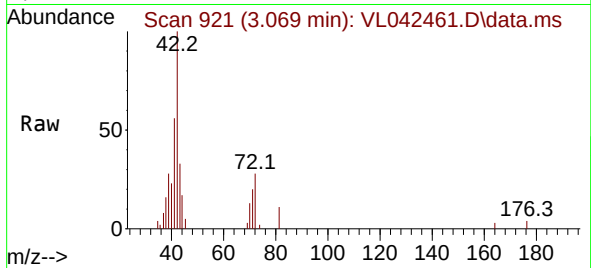
Tgt Ion: 88	Resp: 1701
Ion Ratio	Lower Upper
88 100	
58 4.8	0.0 0.0#
43 0.0	0.0 0.0
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 0.480 ppbv m
RT: 3.069 min Scan# 916
Delta R.T. 0.016 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

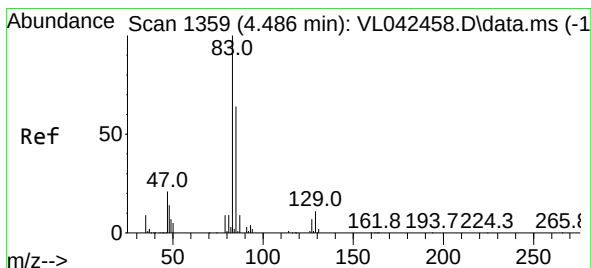
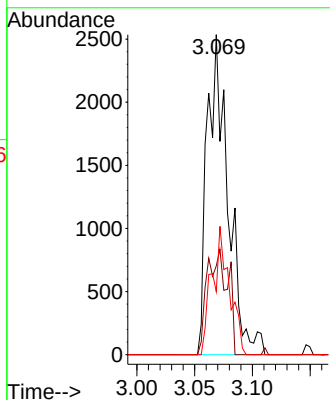
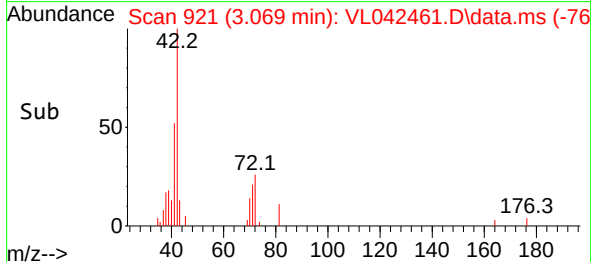
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



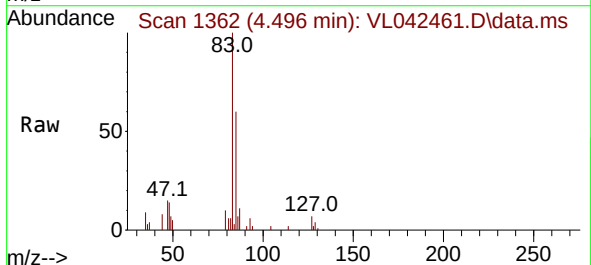
Tgt Ion: 42 Resp: 318
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3
71 0.0 32.6 49.0

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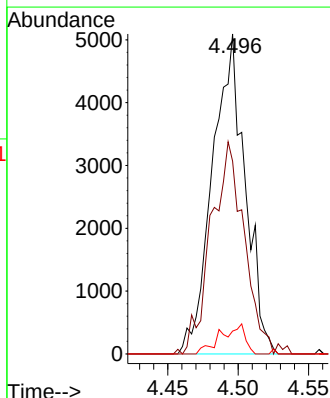
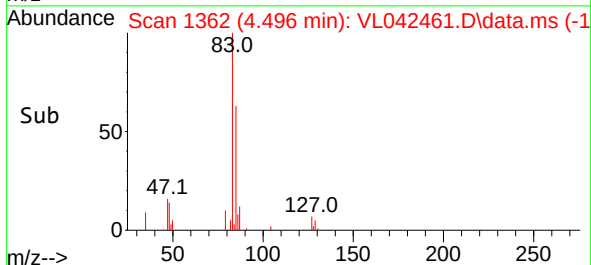
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

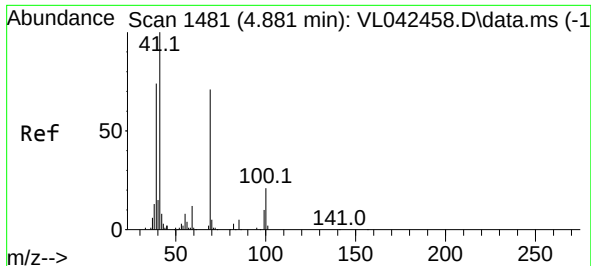


#42
Bromodichloromethane
Concen: 0.477 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.010 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40



Tgt Ion: 83 Resp: 8212
Ion Ratio Lower Upper
83 100
85 58.8 51.5 77.3
127 7.1 5.4 8.2





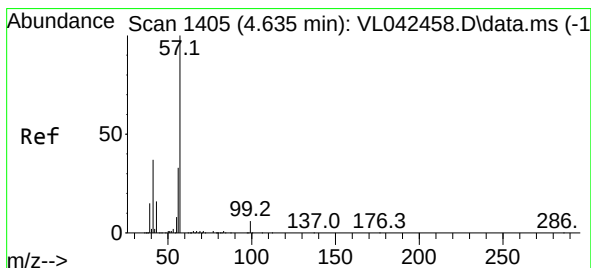
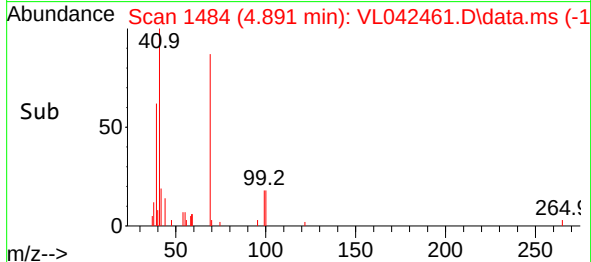
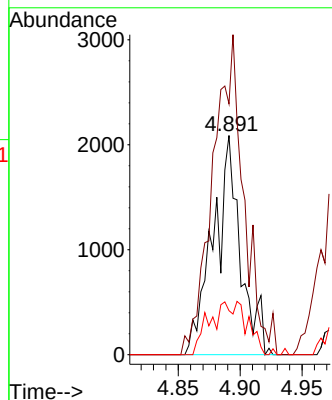
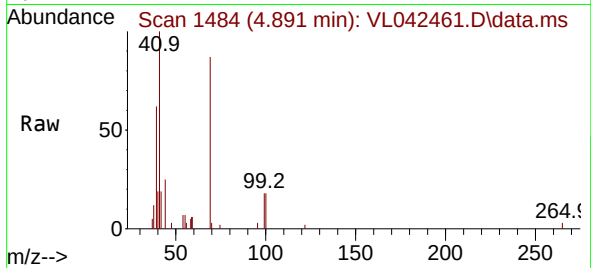
#43
Methyl Methacrylate
Concen: 0.467 ppbv m
RT: 4.891 min Scan# 1481
Delta R.T. 0.010 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 3179
Ion Ratio Lower Upper
69 100
41 166.6 120.8 181.2
100 33.5 26.7 40.1

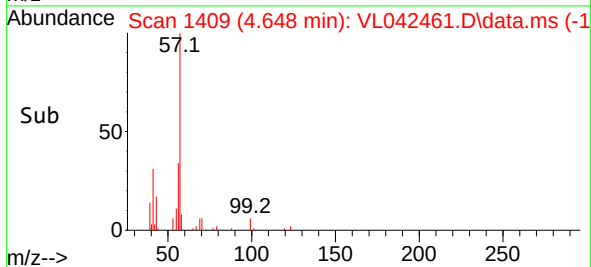
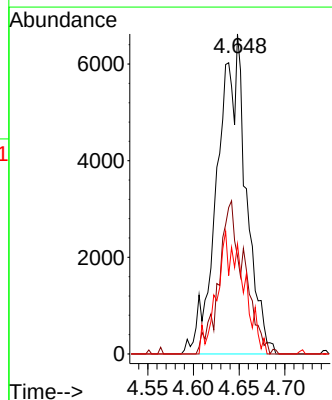
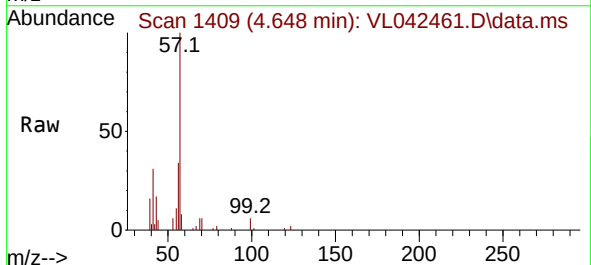
Manual Integrations
APPROVED

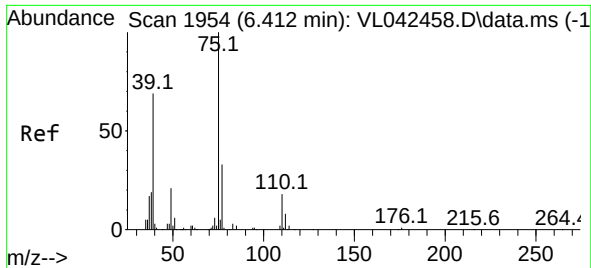
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#44
2,2,4-Trimethylpentane
Concen: 0.489 ppbv m
RT: 4.648 min Scan# 1409
Delta R.T. 0.013 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

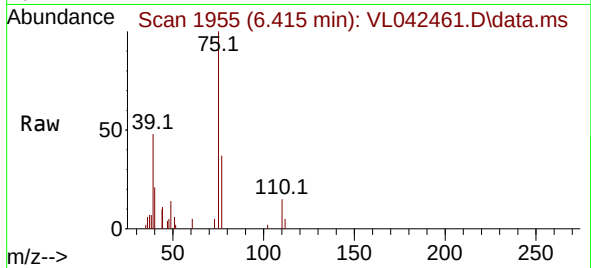
Tgt Ion: 57 Resp: 14435
Ion Ratio Lower Upper
57 100
41 42.3 30.6 45.8
56 34.9 25.0 37.6





#45
 t-1,3-Dichloropropene
 Concen: 0.473 ppbv m
 RT: 6.415 min Scan# 1954
 Delta R.T. 0.003 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

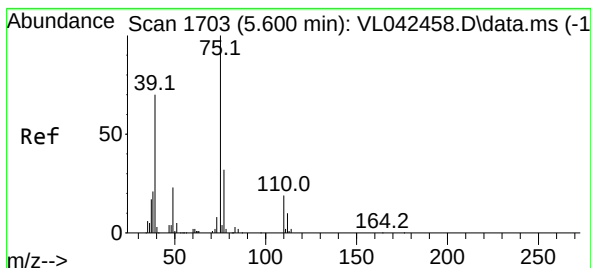
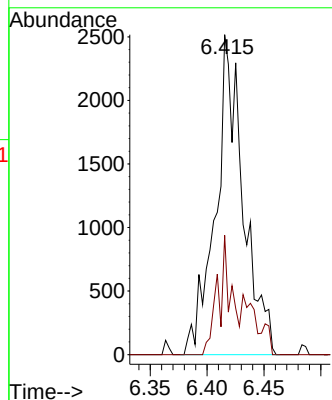
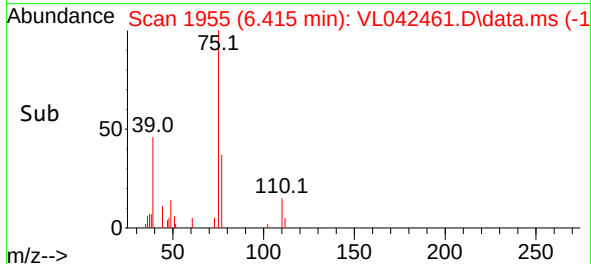
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 75 Resp: 4238
 Ion Ratio Lower Upper
 75 100
 77 37.3 26.3 39.5

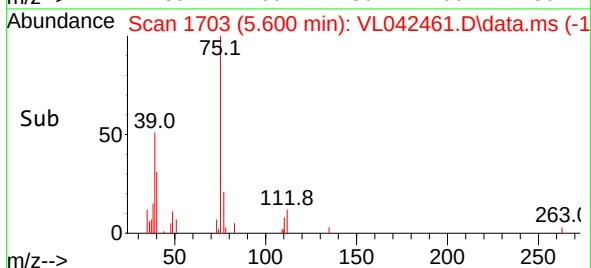
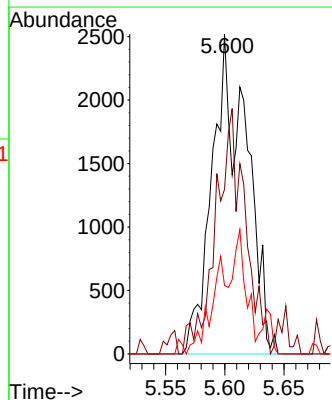
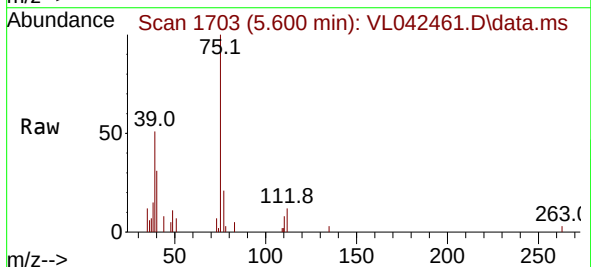
Manual Integrations
 APPROVED

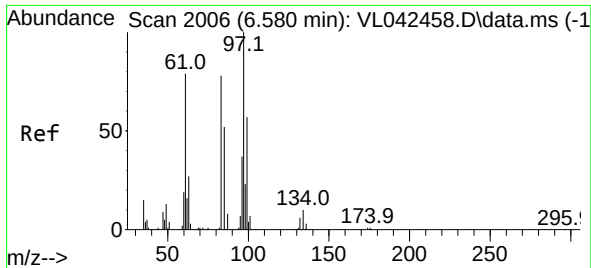
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#46
 cis-1,3-Dichloropropene
 Concen: 0.479 ppbv m
 RT: 5.600 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Tgt Ion: 75 Resp: 5091
 Ion Ratio Lower Upper
 75 100
 39 51.4 55.7 83.5#
 77 21.4 25.8 38.8#





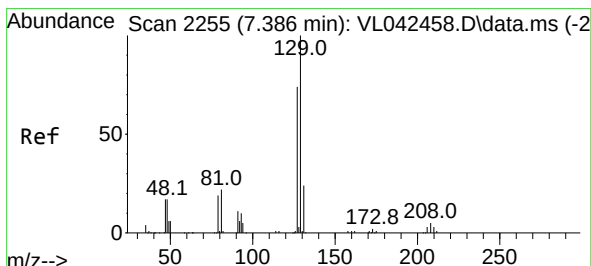
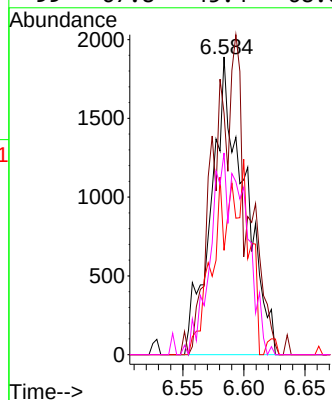
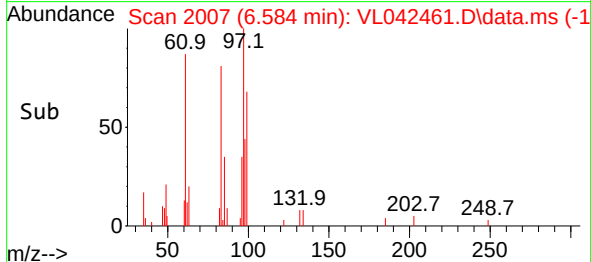
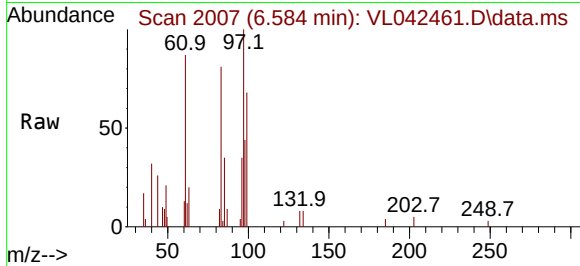
#47
1,1,2-Trichloroethane
Concen: 0.480 ppbv m
RT: 6.584 min Scan# 2006
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97	Resp: 3600
Ion Ratio	Lower Upper
97 100	
83 81.1	62.2 93.2
85 35.0	41.5 62.3
99 67.8	45.4 68.0

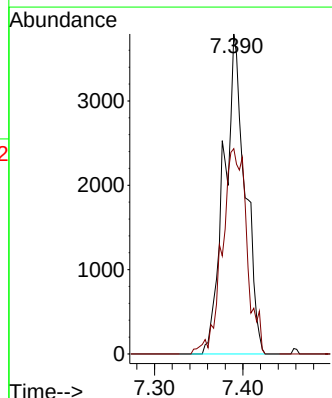
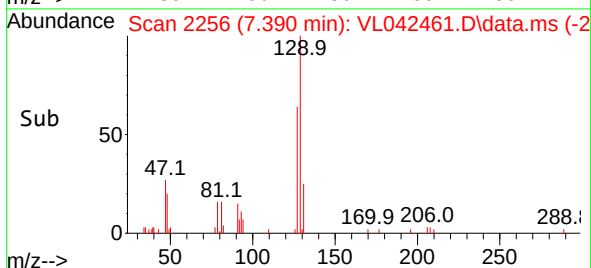
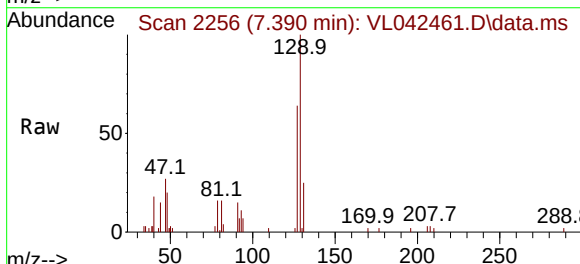
Manual Integrations
APPROVED

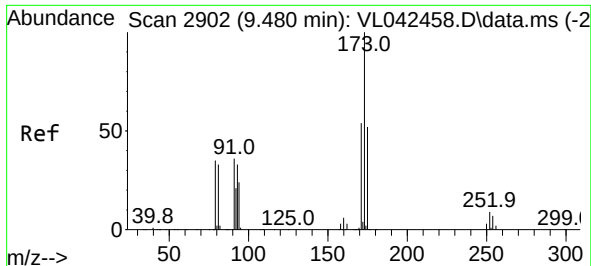
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#48
Dibromochloromethane
Concen: 0.498 ppbv m
RT: 7.390 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

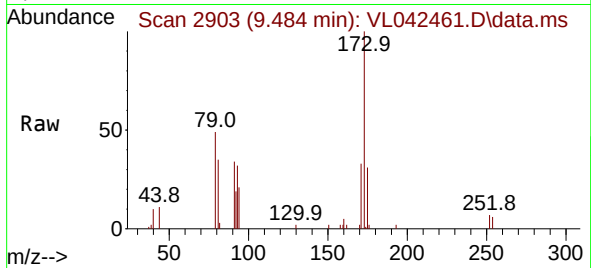
Tgt Ion:129	Resp: 6304
Ion Ratio	Lower Upper
129 100	
127 74.6	39.5 118.5





#49
Bromoform
Concen: 0.492 ppbv
RT: 9.484 min Scan# 2902
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

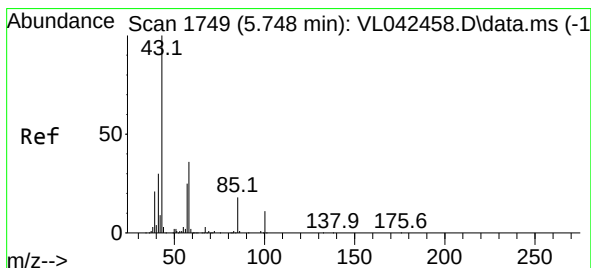
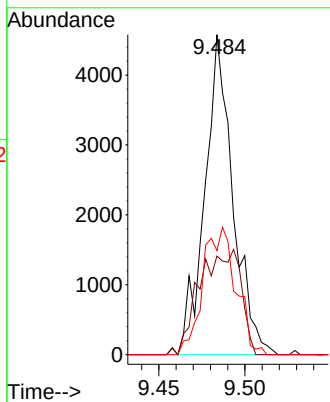
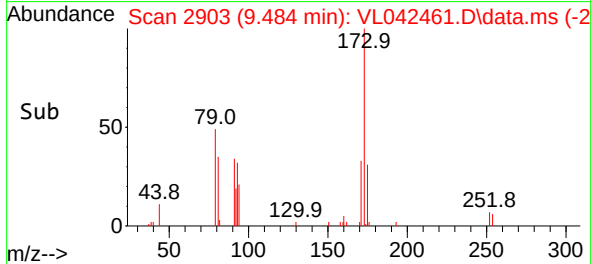
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:173 Resp: 5228
Ion Ratio Lower Upper
173 100
175 48.2 38.9 58.3
171 46.7 40.6 60.8

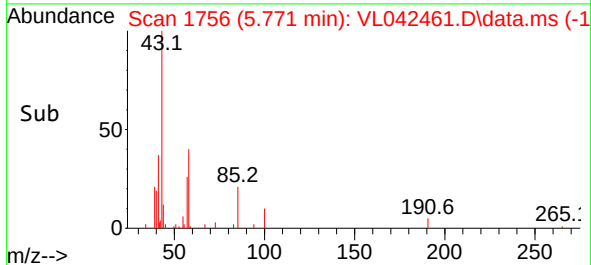
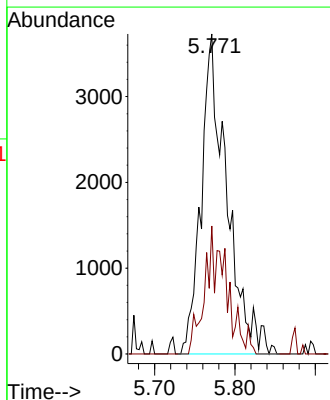
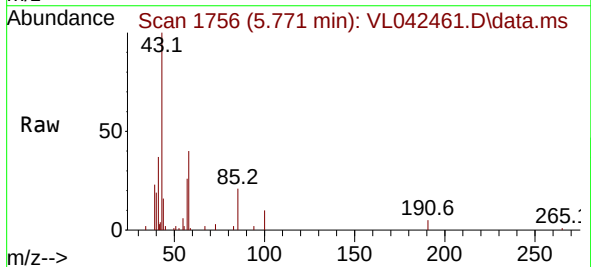
Manual Integrations
APPROVED

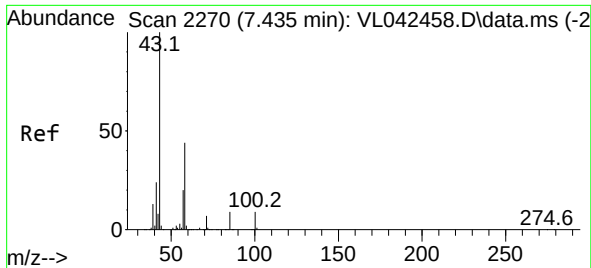
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#50
4-Methyl-2-Pentanone
Concen: 0.466 ppbv m
RT: 5.771 min Scan# 1756
Delta R.T. 0.023 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

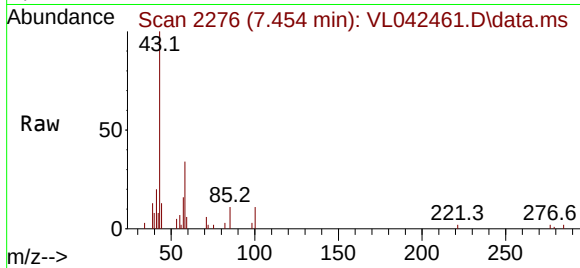
Tgt Ion: 43 Resp: 8248
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#





#51
2-Hexanone
Concen: 0.443 ppbv m
RT: 7.454 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

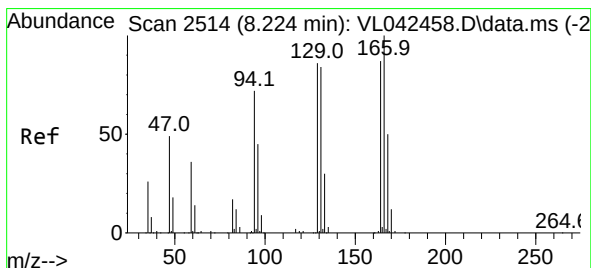
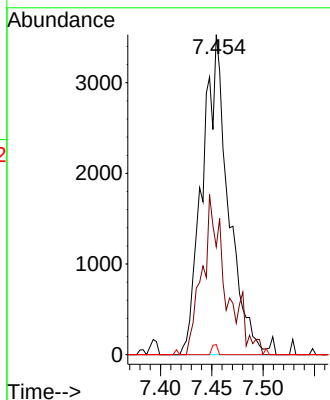
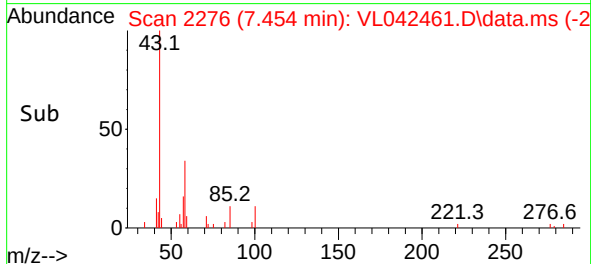
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



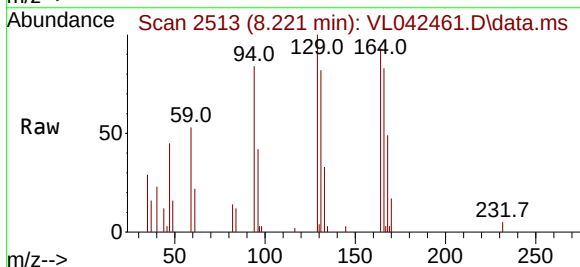
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 45.2 37.2 55.8
98 0.0 0.4 0.6

Manual Integrations
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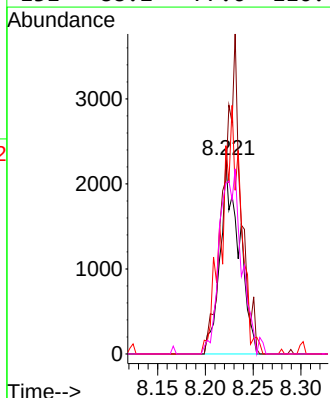
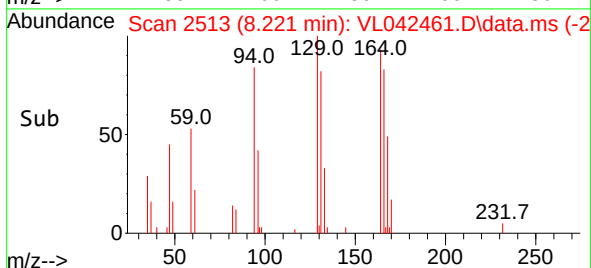
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

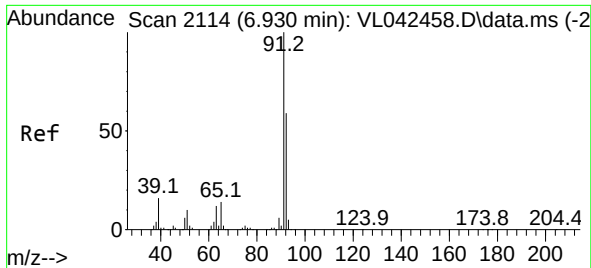


#52
Tetrachloroethene
Concen: 0.453 ppbv m
RT: 8.221 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40



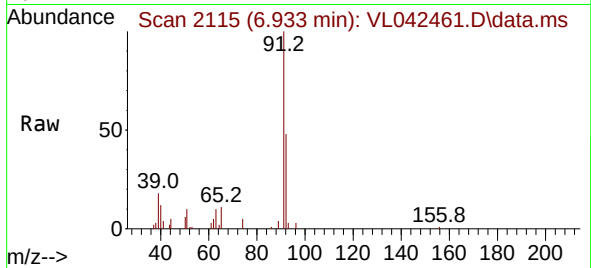
Tgt Ion:164 Resp: 3151
Ion Ratio Lower Upper
164 100
166 89.8 91.6 137.4#
129 107.5 79.0 118.4
131 88.2 77.6 116.4





#53
Toluene
Concen: 0.468 ppbv m
RT: 6.933 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

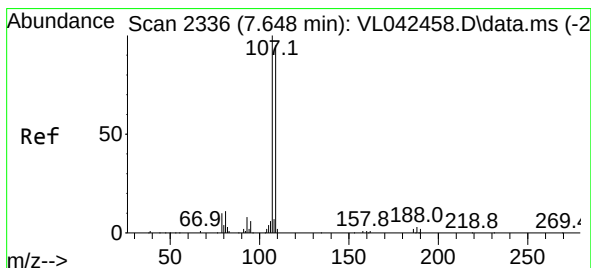
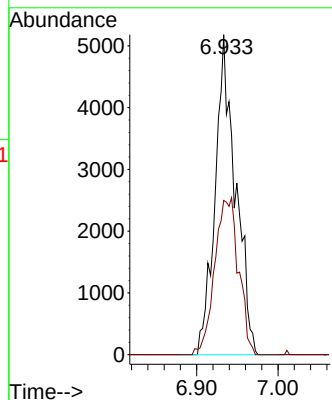
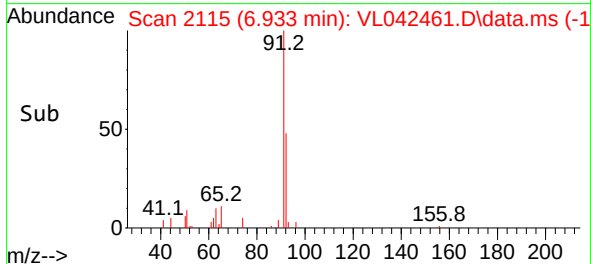
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



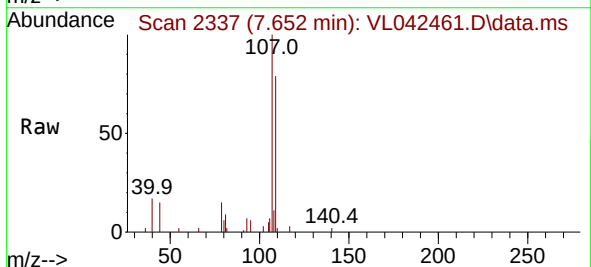
Tgt Ion: 91 Resp: 9052
Ion Ratio Lower Upper
91 100
92 57.0 47.9 71.9

Manual Integrations
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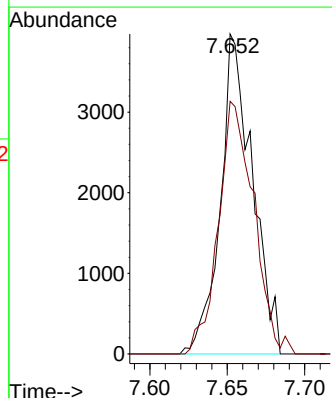
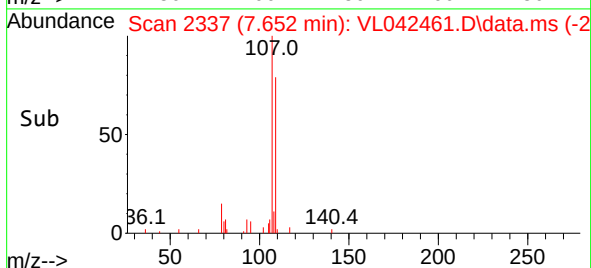
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

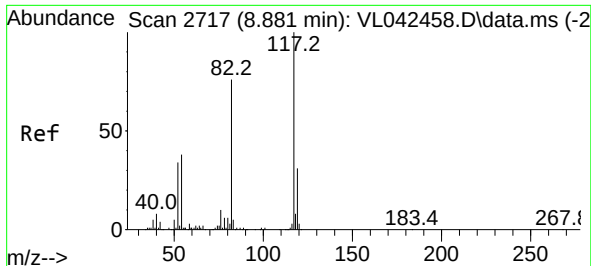


#54
1,2-Dibromoethane
Concen: 0.494 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40



Tgt Ion:107 Resp: 5705
Ion Ratio Lower Upper
107 100
109 78.9 76.0 114.0





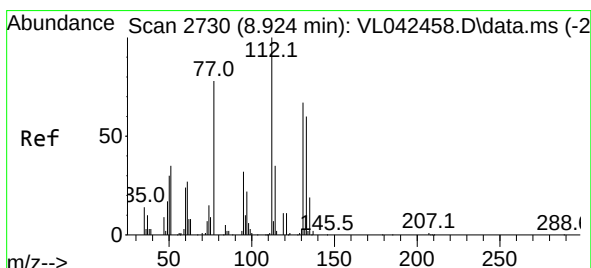
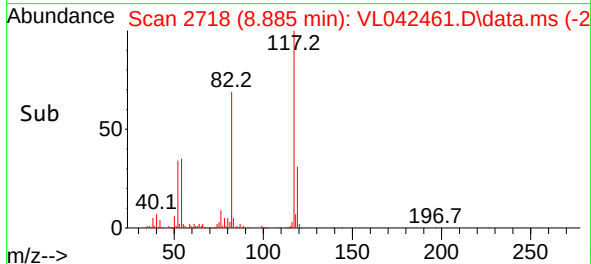
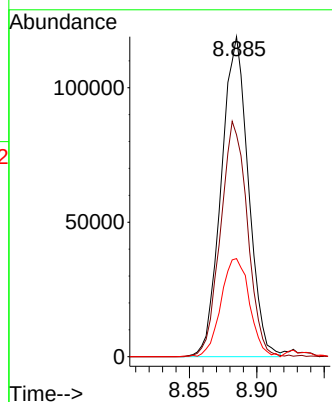
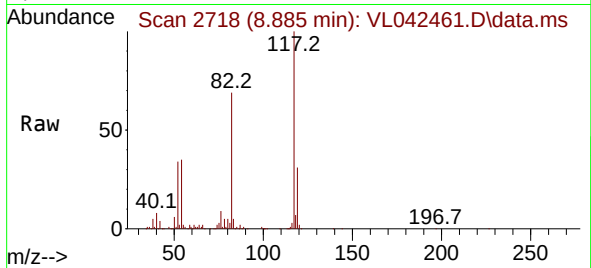
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2717
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 16662
Ion Ratio Lower Upper
117 100
82 73.2 63.5 95.3
119 32.3 25.8 38.8

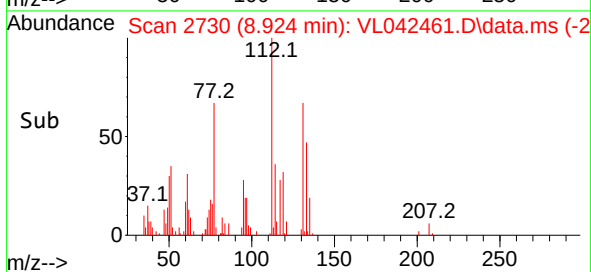
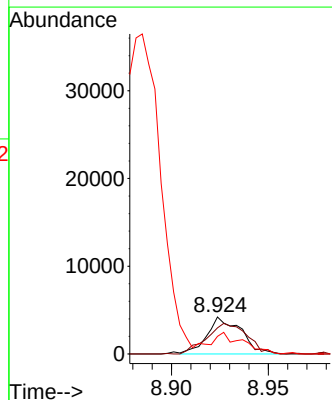
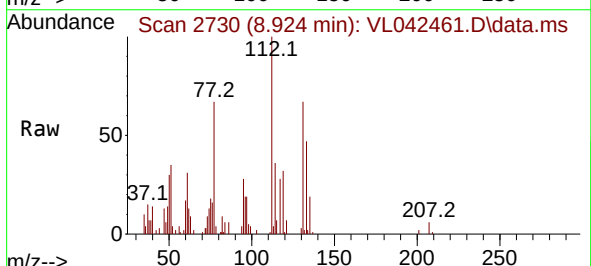
Manual Integrations
APPROVED

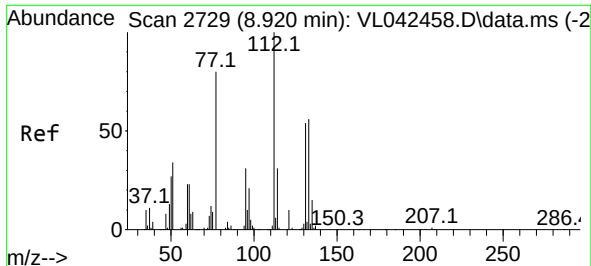
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.524 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:131 Resp: 5152
Ion Ratio Lower Upper
131 100
133 98.8 76.0 114.0
119 45.8 46.1 69.1#





#57

Chlorobenzene

Concen: 0.548 ppbv

RT: 8.924 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

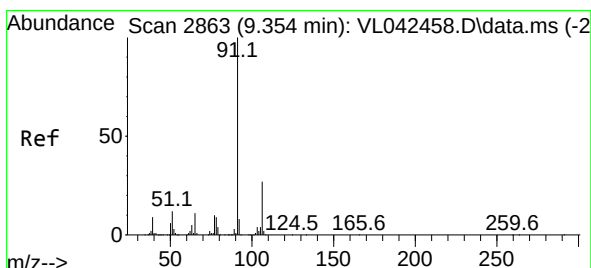
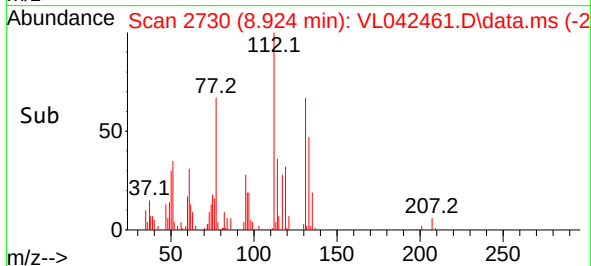
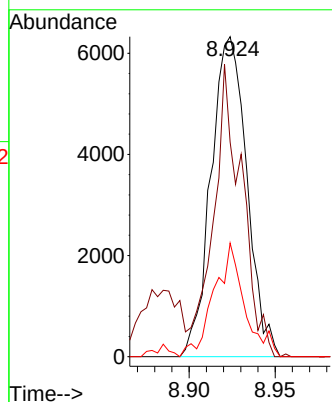
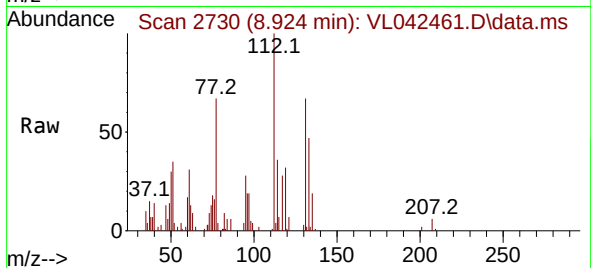
VSTDICC0.5

Tgt Ion:	112	Resp:	917
Ion Ratio	Lower	Upper	
112	100		
77	67.1	65.0	97.4
114	35.5	27.5	33.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#58

Ethyl Benzene

Concen: 0.446 ppbv

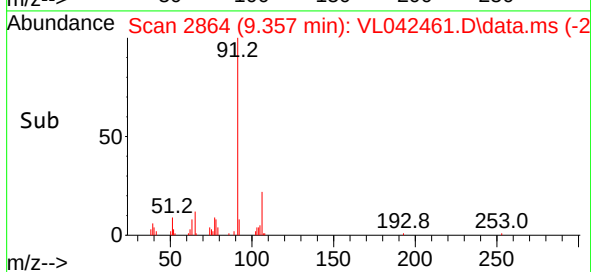
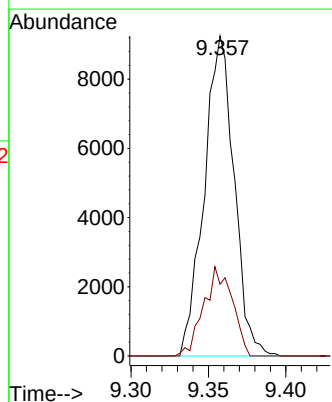
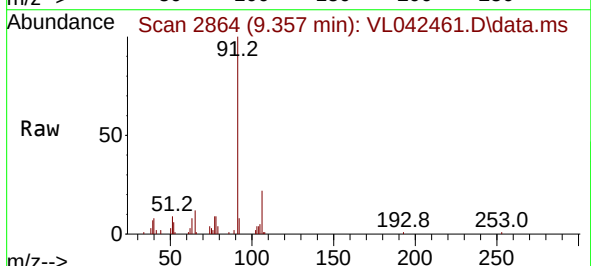
RT: 9.357 min Scan# 2864

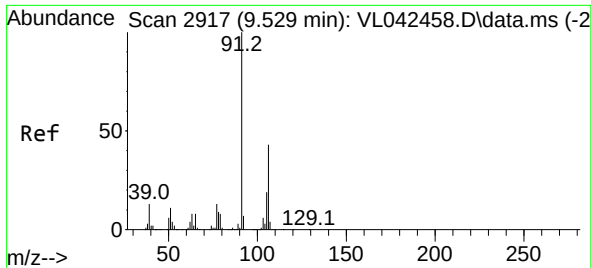
Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Tgt Ion:	91	Resp:	12427
Ion Ratio	Lower	Upper	
91	100		
106	22.4	21.9	32.9





#59

m/p-Xylene

Concen: 0.865 ppbv m

RT: 9.552 min Scan# 2919

Delta R.T. 0.023 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

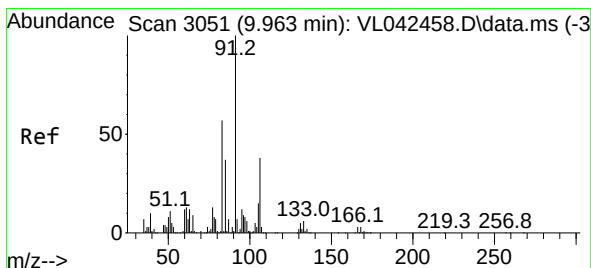
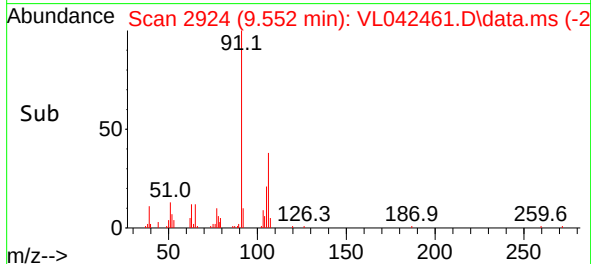
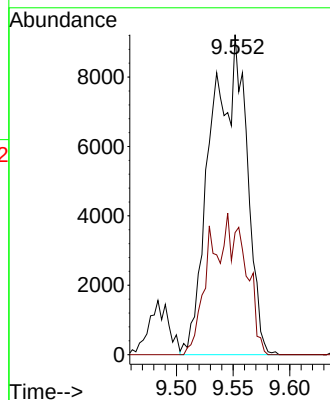
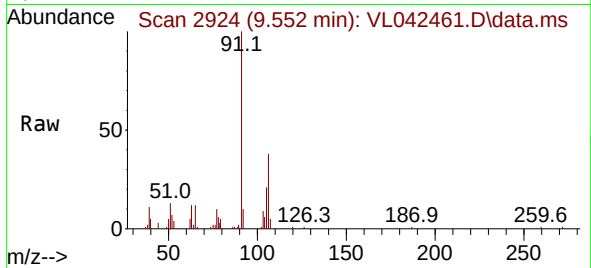
VSTDIC0.5

Tgt Ion: 91 Resp: 2019
 Ion Ratio Lower Upper
 91 100
 106 0.0 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#60

o-Xylene

Concen: 0.427 ppbv m

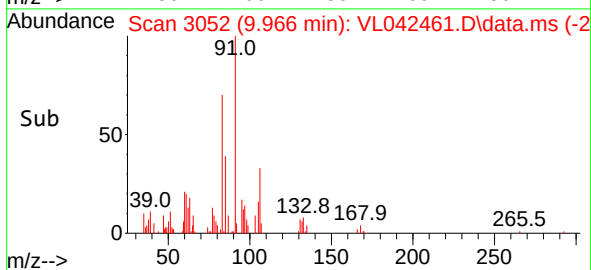
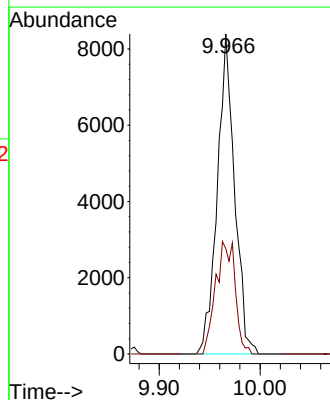
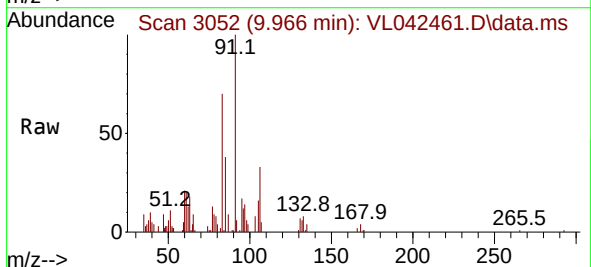
RT: 9.966 min Scan# 3052

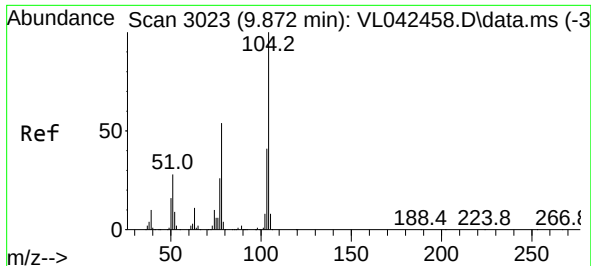
Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Tgt Ion: 91 Resp: 9976
 Ion Ratio Lower Upper
 91 100
 106 39.6 20.1 60.2





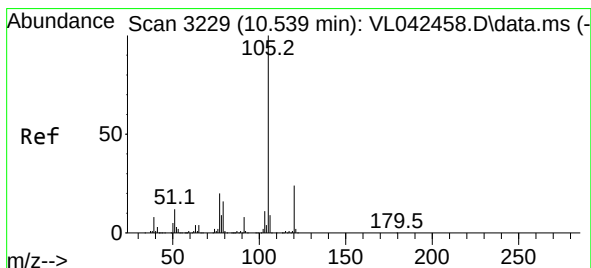
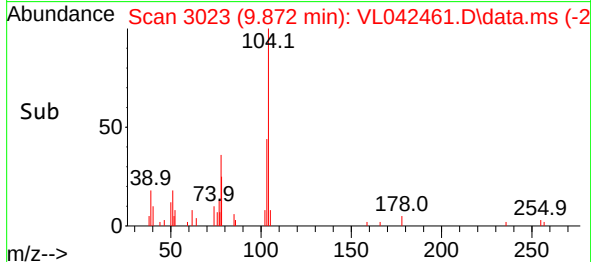
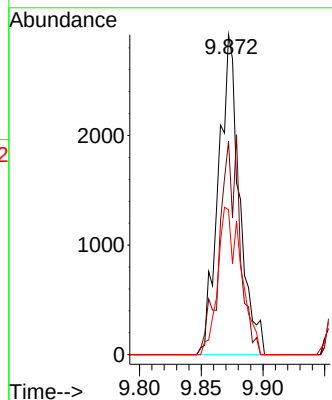
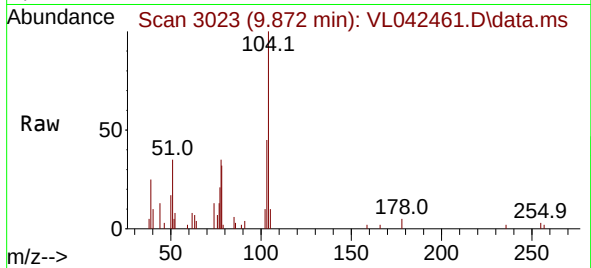
#61
Styrene
Concen: 0.396 ppbv m
RT: 9.872 min Scan# 3023
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 345
Ion Ratio Lower Upper
104 100
78 65.3 46.9 70.3
103 51.2 36.6 55.0

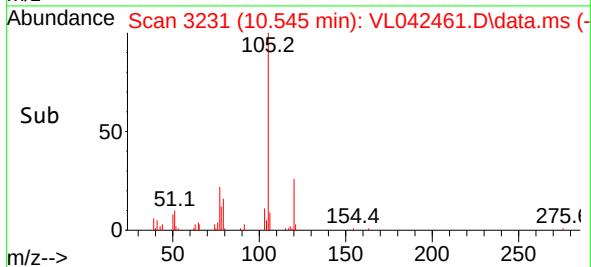
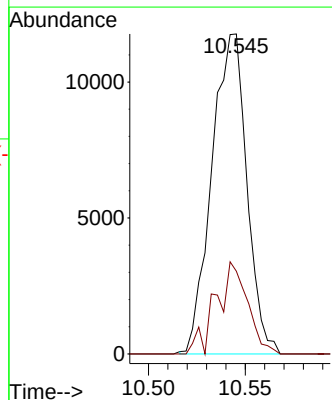
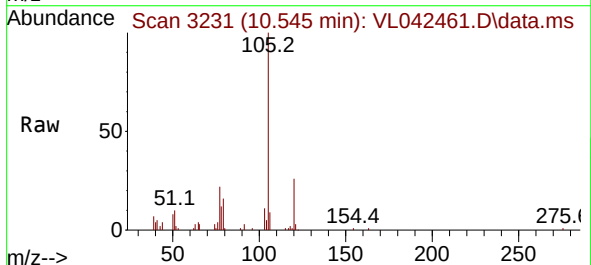
Manual Integrations
APPROVED

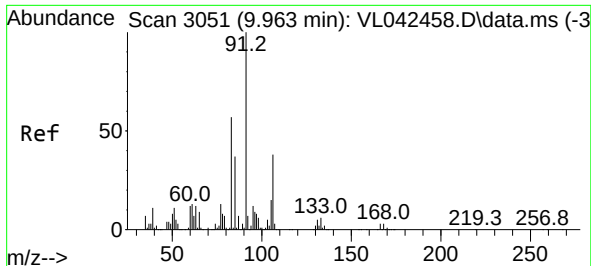
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#62
Isopropylbenzene
Concen: 0.440 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:105 Resp: 14837
Ion Ratio Lower Upper
105 100
120 26.0 18.8 28.2





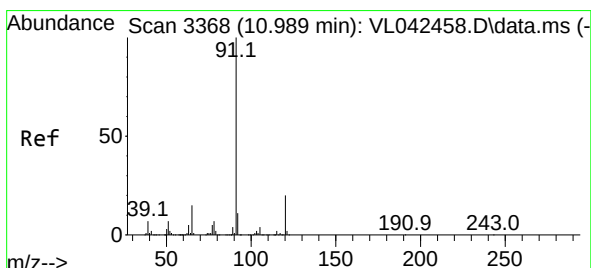
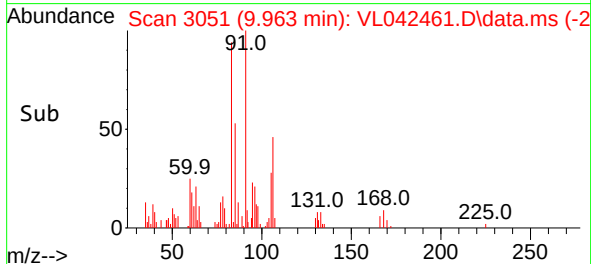
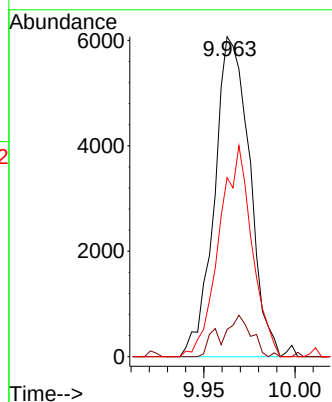
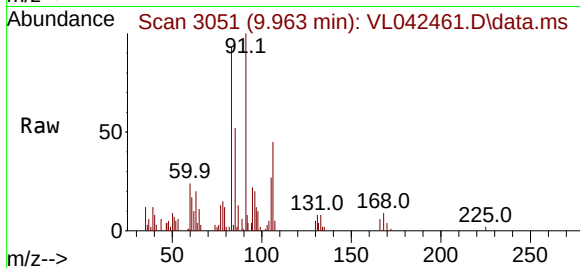
#63
1,1,2,2-Tetrachloroethane
Concen: 0.537 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 813
Ion Ratio Lower Upper
83 100
131 11.9 4.7 14.1
85 61.7 32.5 97.4

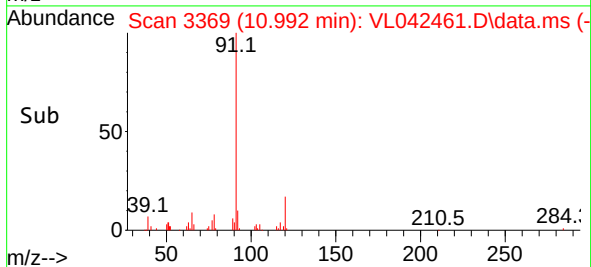
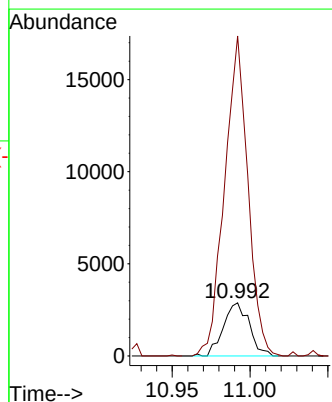
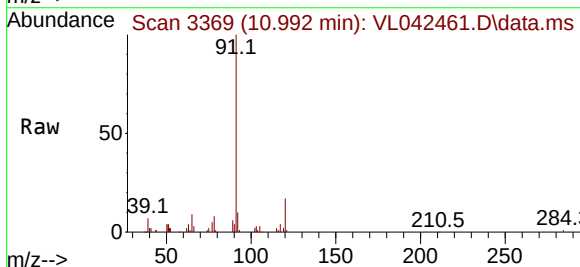
Manual Integrations
APPROVED

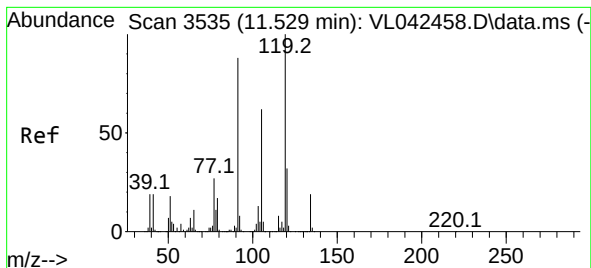
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#64
n-propylbenzene
Concen: 0.405 ppbv m
RT: 10.992 min Scan# 3369
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:120 Resp: 3329
Ion Ratio Lower Upper
120 100
91 547.8 408.6 612.8





#65

tert-Butylbenzene

Concen: 0.421 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.007 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

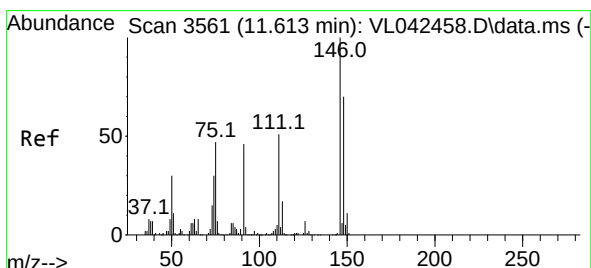
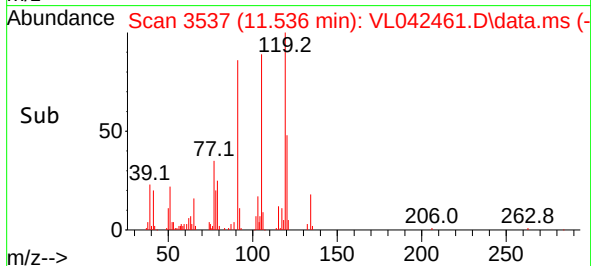
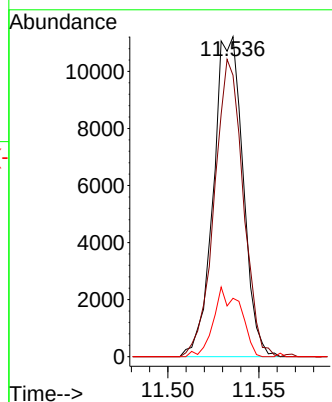
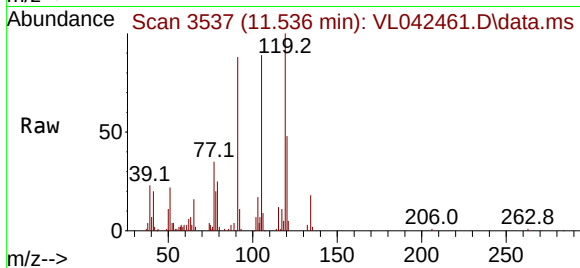
VSTDIC0.5

Tgt Ion:	119	Resp:	1265
Ion Ratio	Lower	Upper	
119	100		
91	90.6	71.6	107.4
134	19.9	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#66

Benzyl Chloride

Concen: 0.379 ppbv m

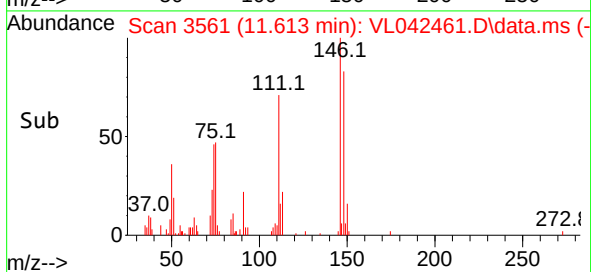
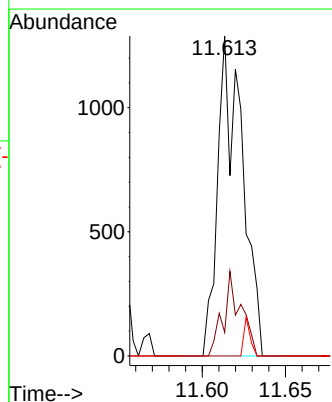
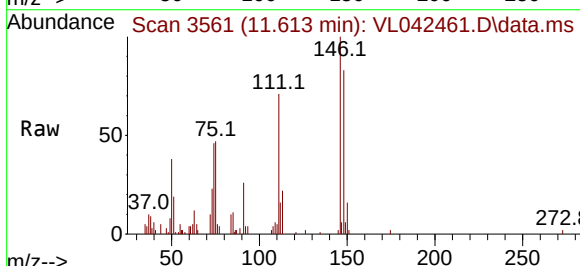
RT: 11.613 min Scan# 3561

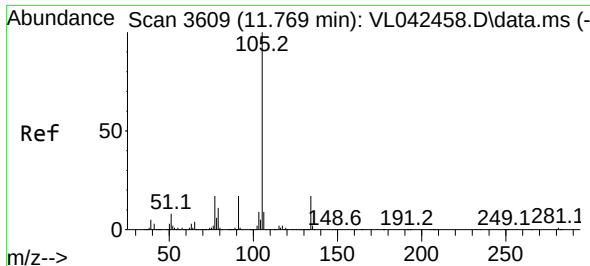
Delta R.T. 0.000 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

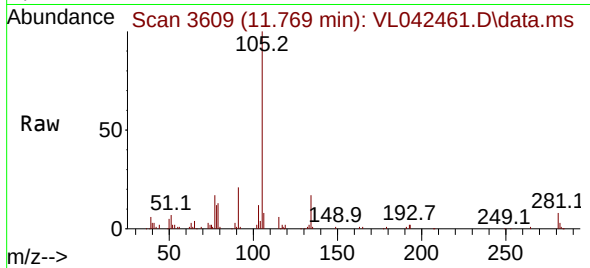
Tgt Ion:	91	Resp:	1317
Ion Ratio	Lower	Upper	
91	100		
126	19.0	13.3	19.9
128	0.0	4.2	6.4





#67
 sec-Butylbenzene
 Concen: 0.419 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

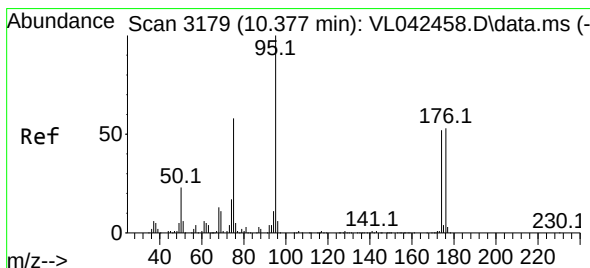
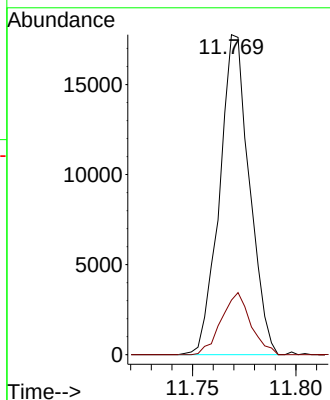
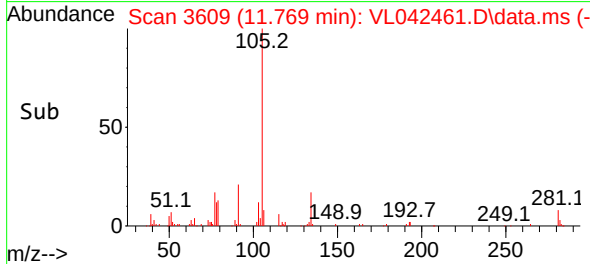
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 105 Resp: 1790
 Ion Ratio Lower Upper
 105 100
 134 19.1 14.1 21.1

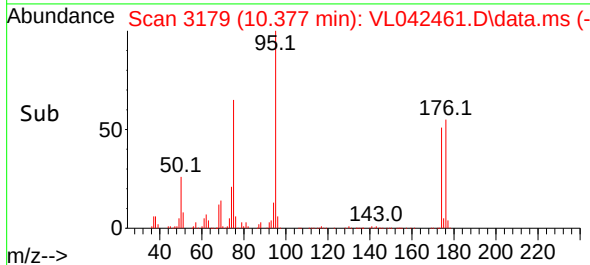
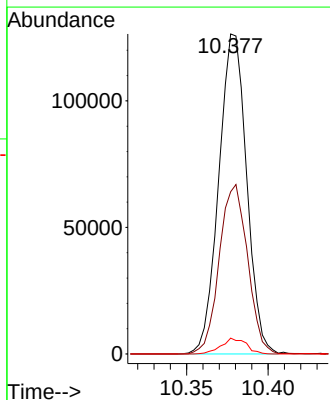
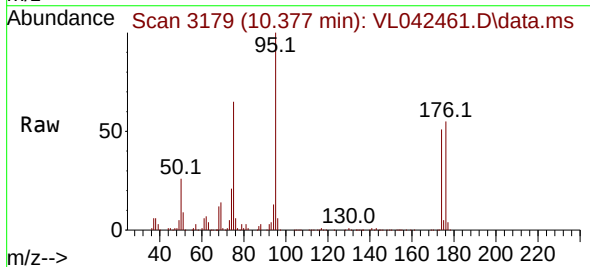
Manual Integrations
 APPROVED

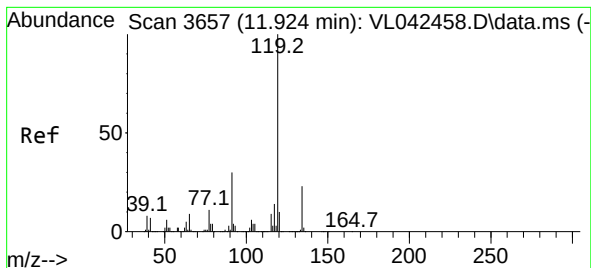
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.728 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

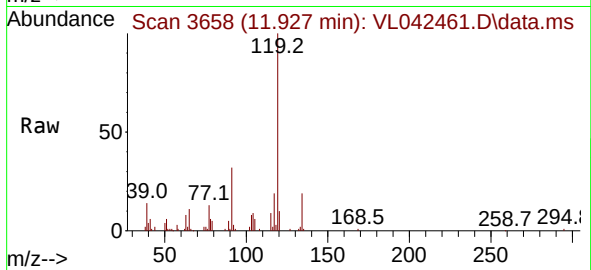
Tgt Ion: 95 Resp: 150277
 Ion Ratio Lower Upper
 95 100
 174 53.8 42.7 64.1
 175 4.4 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.417 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

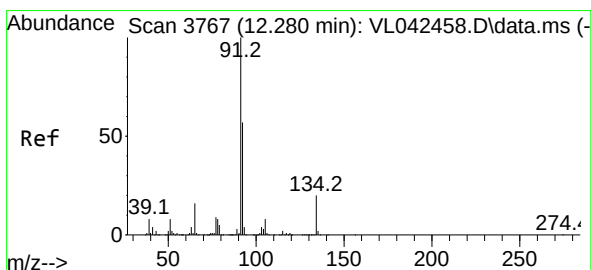
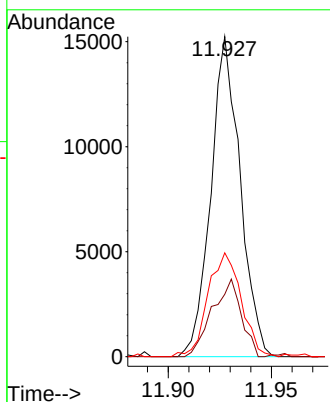
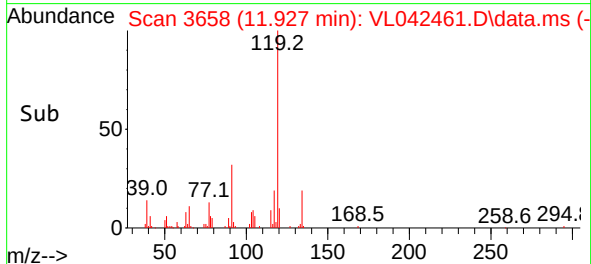
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



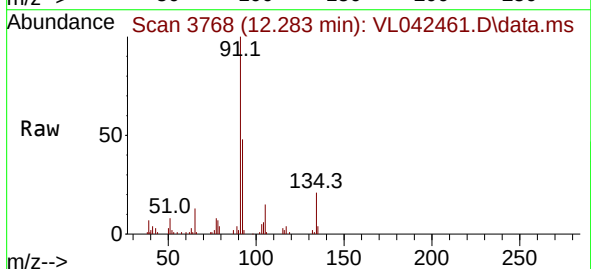
Tgt Ion: 119 Resp: 15036
Ion Ratio Lower Upper
119 100
134 24.5 19.0 28.4
91 37.4 25.5 38.3

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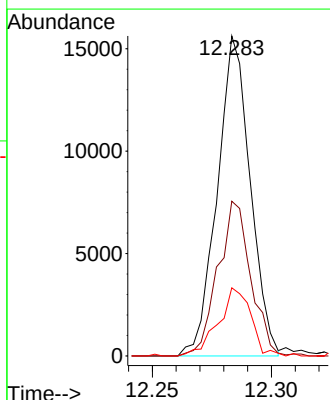
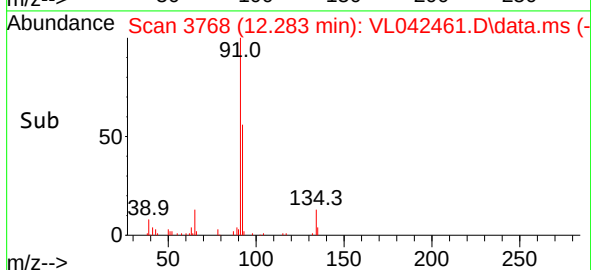
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

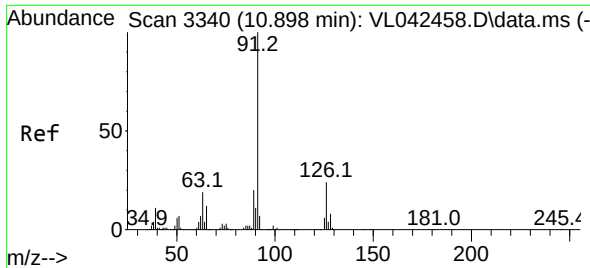


#70
n-Butylbenzene
Concen: 0.403 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40



Tgt Ion: 91 Resp: 15016
Ion Ratio Lower Upper
91 100
92 48.4 44.0 66.0
134 21.6 16.8 25.2





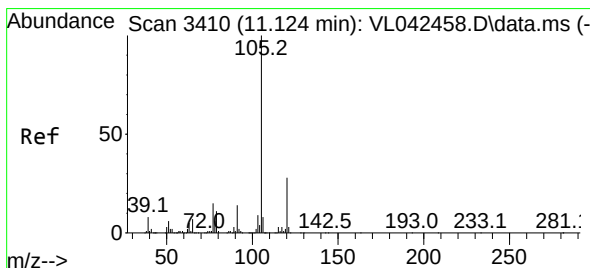
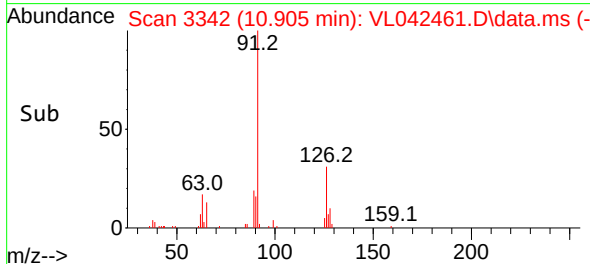
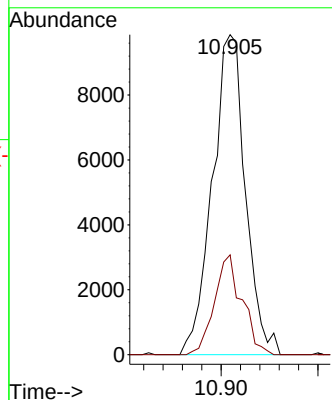
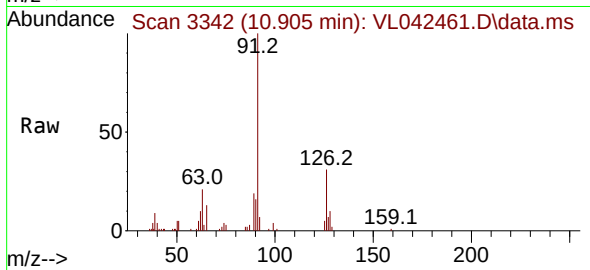
#71
2-Chlorotoluene
Concen: 0.443 ppbv
RT: 10.905 min Scan# 3110
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 1170
Ion Ratio Lower Upper
91 100
126 26.0 10.6 42.2

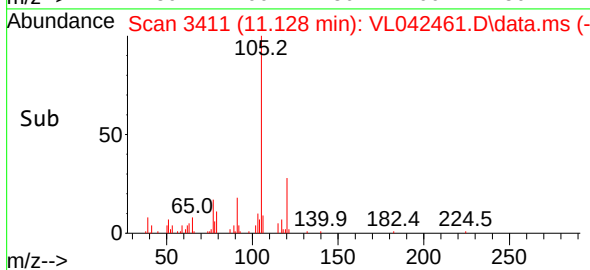
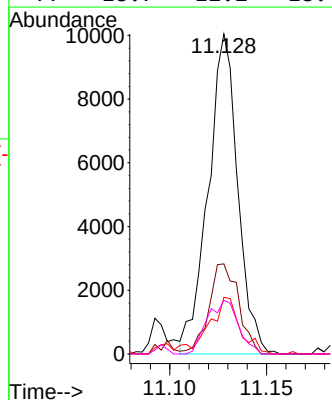
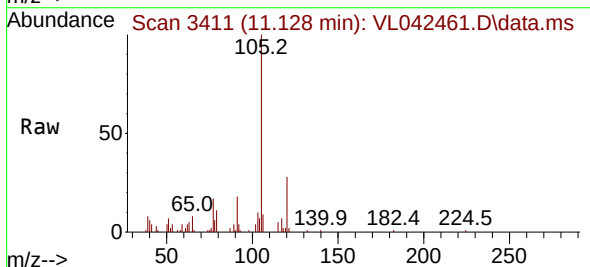
Manual Integrations
APPROVED

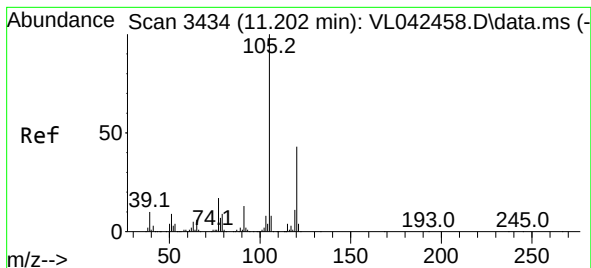
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#72
4-Ethyltoluene
Concen: 0.387 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Tgt Ion:105 Resp: 10671
Ion Ratio Lower Upper
105 100
120 30.2 22.0 33.0
91 20.6 11.2 16.8#
77 18.7 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.405 ppbv

RT: 11.206 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 9808

Ion Ratio Lower Upper

105 100

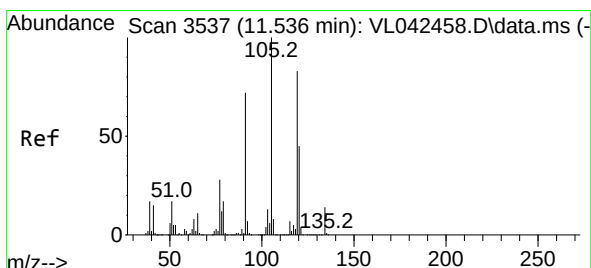
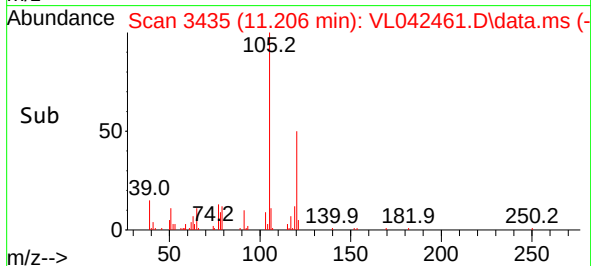
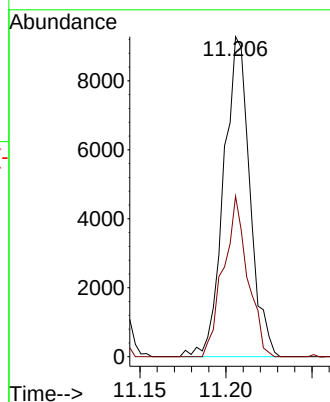
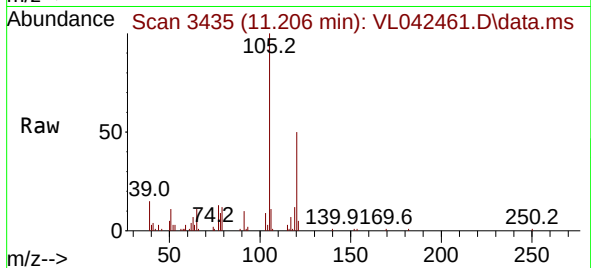
120 50.2 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.445 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL042461.D

Acq: 01 May 2025 10:40

Tgt Ion:105 Resp: 13060

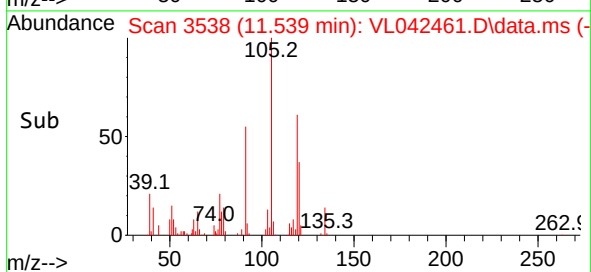
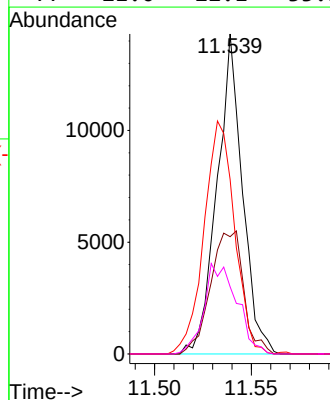
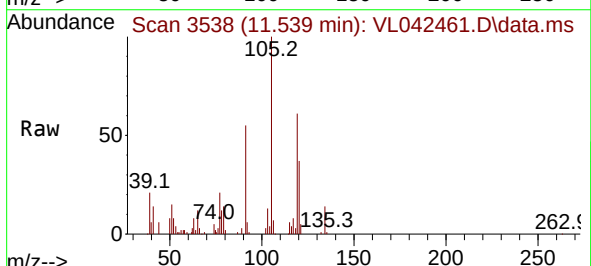
Ion Ratio Lower Upper

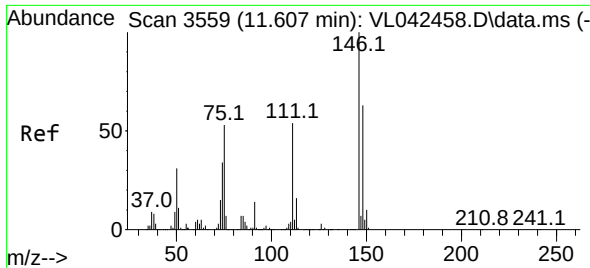
105 100

120 36.7 36.1 54.1

91 54.1 57.6 86.4#

77 21.0 22.1 33.1#





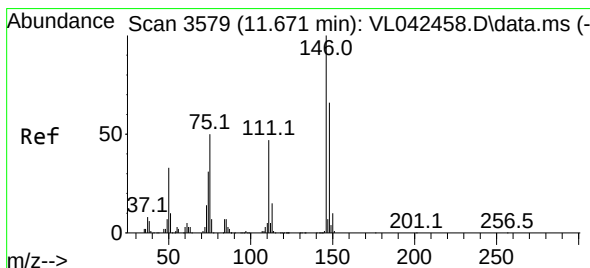
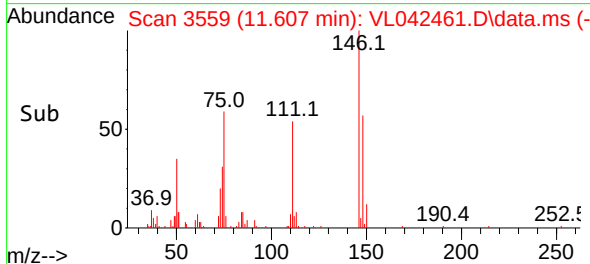
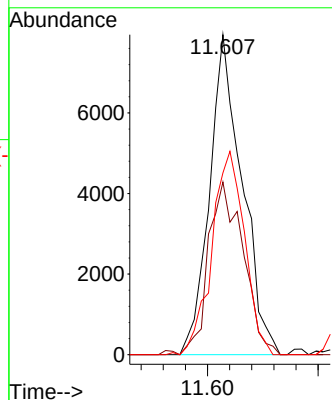
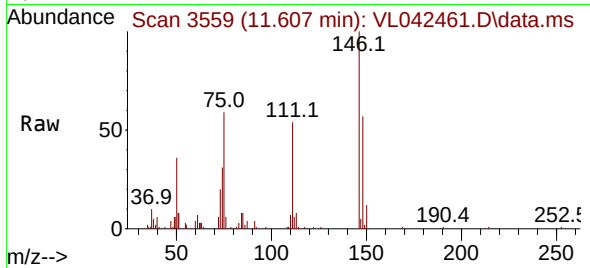
#75
1,3-Dichlorobenzene
Concen: 0.498 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 812
Ion Ratio Lower Upper
146 100
111 58.0 26.1 78.3
148 63.9 32.0 96.0

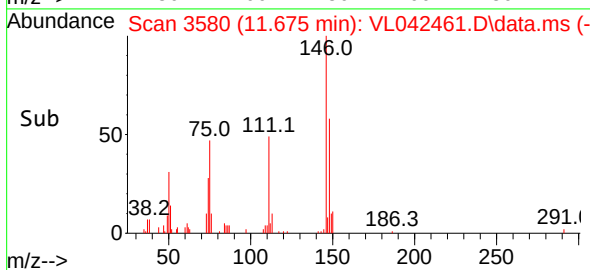
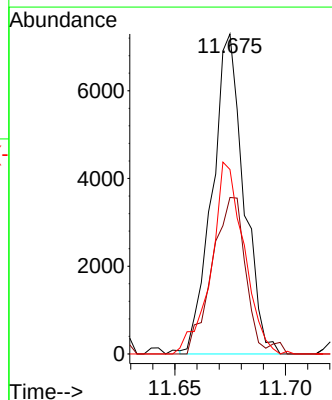
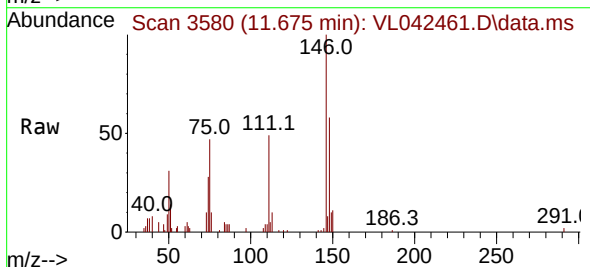
Manual Integrations
APPROVED

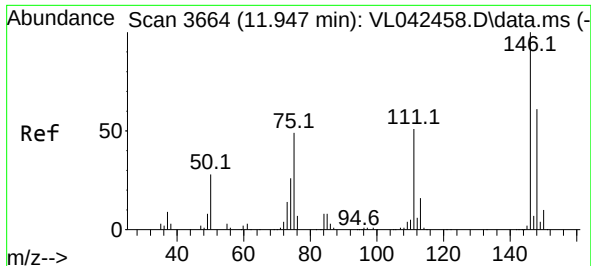
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#76
1,4-Dichlorobenzene
Concen: 0.469 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

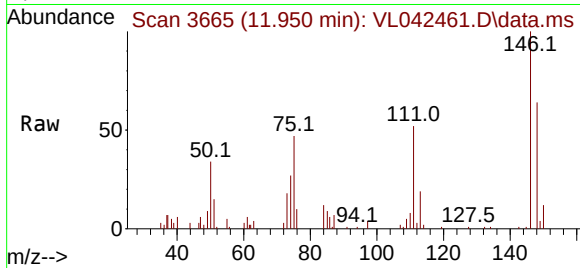
Tgt Ion:146 Resp: 7238
Ion Ratio Lower Upper
146 100
111 52.4 24.4 73.2
148 61.9 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 0.509 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

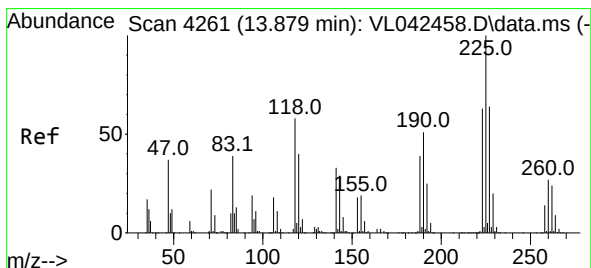
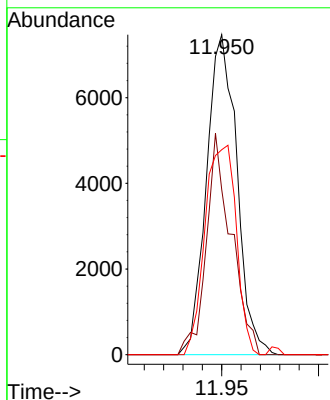
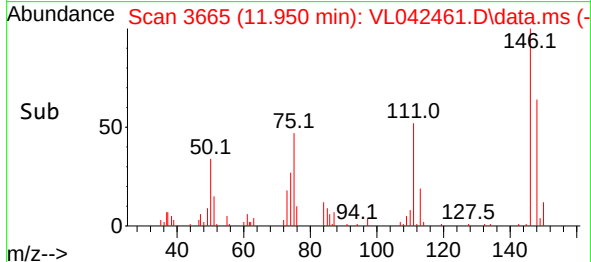
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



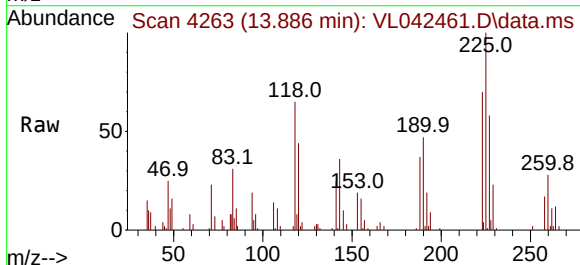
Tgt Ion:146 Resp: 814
Ion Ratio Lower Upper
146 100
111 56.9 26.5 79.5
148 68.3 31.5 94.5

Manual Integrations
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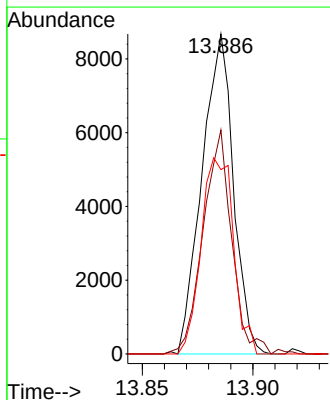
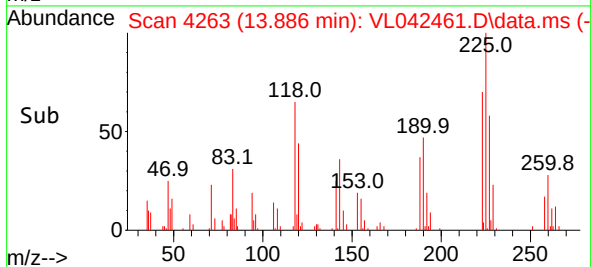
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

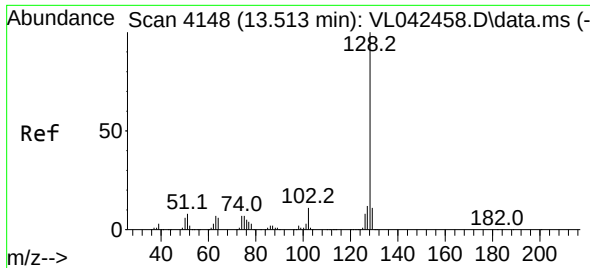


#78
Hexachloro-1,3-Butadiene
Concen: 0.537 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40



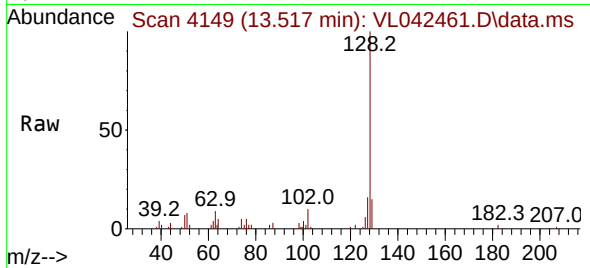
Tgt Ion:225 Resp: 8565
Ion Ratio Lower Upper
225 100
223 64.1 50.2 75.4
227 63.1 51.2 76.8





#79
Naphthalene
Concen: 0.396 ppbv m
RT: 13.517 min Scan# 4148
Delta R.T. 0.003 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40

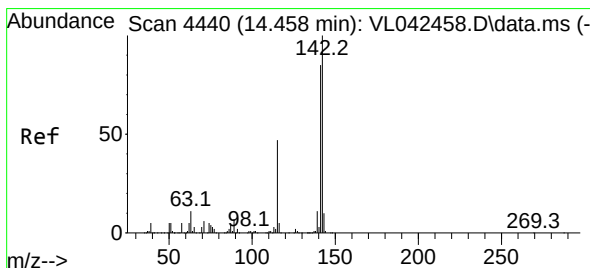
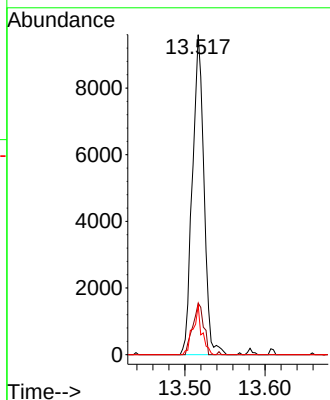
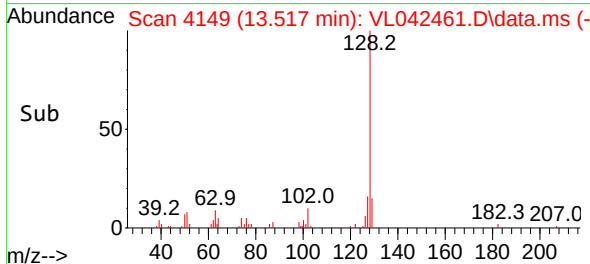
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



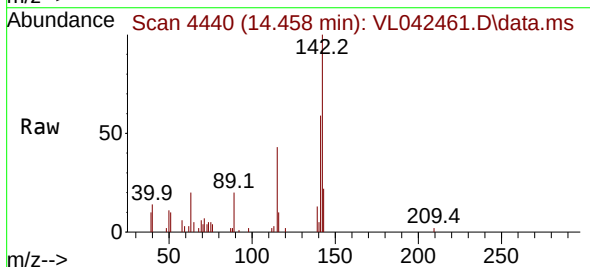
Tgt Ion:128 Resp: 973
Ion Ratio Lower Upper
128 100
127 16.1 9.7 14.5
129 15.5 8.6 13.0

Manual Integrations
APPROVED

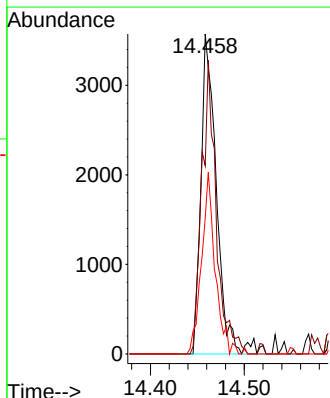
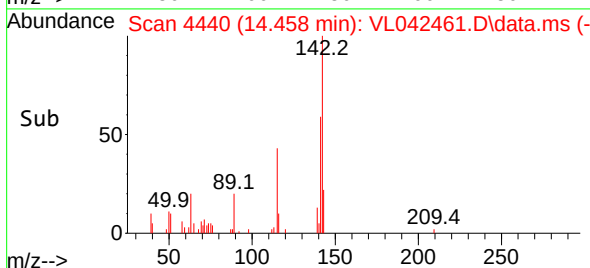
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

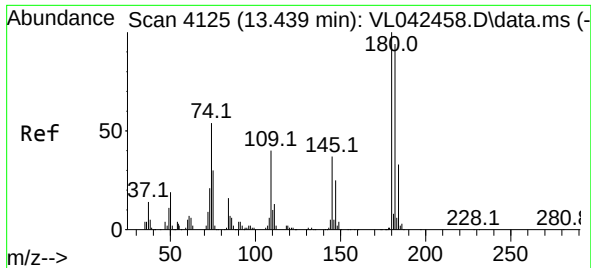


#80
Naphthalene,2-methyl-
Concen: 0.226 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042461.D
Acq: 01 May 2025 10:40



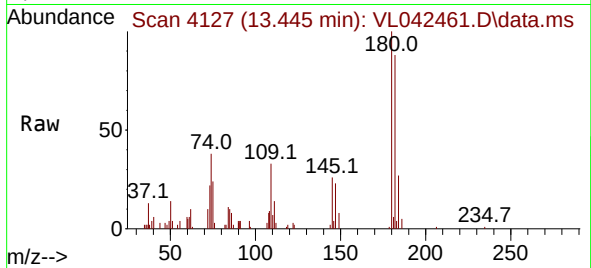
Tgt Ion:142 Resp: 4153
Ion Ratio Lower Upper
142 100
141 84.6 67.4 101.0
115 49.4 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.379 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL042461.D
 Acq: 01 May 2025 10:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:	180	Resp:	499
Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.6	111.8
184	32.3	24.9	37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

