

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042579.D
 Acq On : 29 May 2025 11:09
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:16:30 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 01:15:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	102792	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	307854	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	285844	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 212758 9.929 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	116625	9.232	ppbv	100
3) Chlorodifluoromethane	1.476	51	151637	8.715	ppbv	100
4) Chloromethane	1.534	50	47416	9.478	ppbv	100
5) Vinyl Chloride	1.580	62	44895	8.809	ppbv	100
6) Bromomethane	1.667	94	22207	8.953	ppbv	100
7) Chloroethane	1.706	64	17953	9.066	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	97419	9.255	ppbv	100
9) Propene	1.483	41	66767	9.529	ppbv	100
10) Heptane	4.981	43	182619	9.236	ppbv	100
11) Trichlorofluoromethane	1.877	101	110055	9.363	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	86117	9.330	ppbv	100
13) Ethanol	1.722	45	5975m	7.639	ppbv	
14) Bromoethene	1.784	108	32588	9.386	ppbv	100
15) Acetone	1.835	43	95441	7.708	ppbv	100
16) 1,3-Butadiene	1.609	39	50485	8.607	ppbv	100
17) tert-Butyl alcohol	2.043	59	127162	9.858	ppbv	100
18) 1,1-Dichloroethene	2.036	96	38765	9.026	ppbv	100
19) Isopropyl Alcohol	1.887	45	67731	9.151	ppbv	100
20) Methylene Chloride	2.062	84	33544	8.209	ppbv	100
21) Allyl Chloride	2.098	41	81153	9.289	ppbv	100
22) trans-1,2-Dichloroethene	2.344	96	43936	9.165	ppbv	100
23) Vinyl Acetate	2.467	43	149858	8.954	ppbv	100
24) 1,1-Dichloroethane	2.412	63	92836	9.442	ppbv	100
25) Ethyl Acetate	2.839	43	313915	9.264	ppbv	100
26) Hexane	2.829	57	138771	9.013	ppbv	100
27) Carbon Disulfide	2.153	76	109904	9.298	ppbv	100
28) Methyl tert-Butyl Ether	2.444	73	56510	9.045	ppbv	100
29) Chloroform	2.852	83	180449	9.013	ppbv	100
30) Cyclohexane	3.858	84	117833	9.232	ppbv	100
31) cis-1,2-Dichloroethene	2.722	61	130618	9.274	ppbv	100
32) 1,1,1-Trichloroethane	3.370	97	184372	9.177	ppbv	100
34) 2-Butanone	2.560	43	201796	9.192	ppbv	100
35) Carbon Tetrachloride	3.768	117	185629	9.132	ppbv	100
36) Benzene	3.661	78	277132	9.142	ppbv	100
37) 1,2-Dichloroethane	3.221	62	137914	9.153	ppbv	100
38) Trichloroethene	4.551	130	115772	8.916	ppbv	100
39) 1,2-Dichloropropane	4.318	63	101185	9.029	ppbv	100
40) 1,4-Dioxane	4.590	88	46671	9.797	ppbv #	100
41) Tetrahydrofuran	3.059	42	119530	9.301	ppbv	100
42) Bromodichloromethane	4.496	83	202026	9.441	ppbv	100
43) Methyl Methacrylate	4.884	69	112746	9.595	ppbv	100
44) 2,2,4-Trimethylpentane	4.648	57	468572	9.043	ppbv	100
45) t-1,3-Dichloropropene	6.422	75	130611	9.700	ppbv	100

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 Supervised By :Mahesh Dadoda 05/30/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

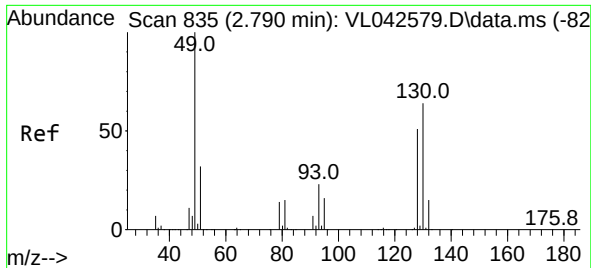
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri May 30 01:15:52 2025

Response via : Initial Calibration

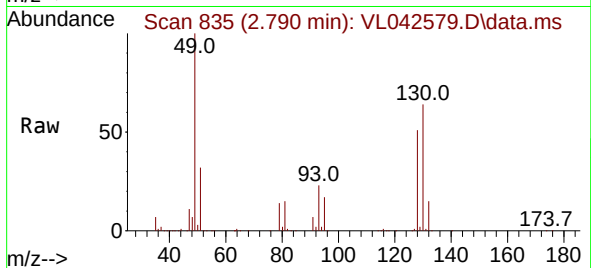
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	162155	9.614	ppbv	100
47) 1,1,2-Trichloroethane	6.587	97	105576	9.097	ppbv	100
48) Dibromochloromethane	7.396	129	175572	9.450	ppbv	100
49) Bromoform	9.490	173	156317	9.751	ppbv	100
50) 4-Methyl-2-Pentanone	5.758	43	294836	9.643	ppbv	100
51) 2-Hexanone	7.445	43	239826	9.930	ppbv	100
52) Tetrachloroethene	8.231	164	102403	9.038	ppbv	100
53) Toluene	6.943	91	324605	9.264	ppbv	100
54) 1,2-Dibromoethane	7.658	107	158813	9.231	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.930	131	133368	9.279	ppbv	100
57) Chlorobenzene	8.927	112	248085	8.938	ppbv	100
58) Ethyl Benzene	9.361	91	442268	9.121	ppbv	100
59) m/p-Xylene	9.539	91	692934m	18.156	ppbv	
60) o-Xylene	9.969	91	339403	8.919	ppbv	100
61) Styrene	9.875	104	168674	9.374	ppbv	100
62) Isopropylbenzene	10.545	105	506586	9.010	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	206564	8.536	ppbv	100
64) n-propylbenzene	10.992	120	134675	8.936	ppbv	99
65) tert-Butylbenzene	11.536	119	450639	8.833	ppbv	100
66) Benzyl Chloride	11.620	91	68801	10.457	ppbv	100
67) sec-Butylbenzene	11.772	105	627565	8.749	ppbv	100
69) p-Isopropyltoluene	11.931	119	533961	8.889	ppbv	100
70) n-Butylbenzene	12.287	91	526566	8.881	ppbv	100
71) 2-Chlorotoluene	10.904	91	383881	8.952	ppbv	100
72) 4-Ethyltoluene	11.131	105	423227	8.920	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	352978	8.989	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	381512	8.755	ppbv	100
75) 1,3-Dichlorobenzene	11.613	146	239782	8.762	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	242731	8.894	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	228222	8.593	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	173447	7.893	ppbv	100
79) Naphthalene	13.516	128	395465	9.666	ppbv	100
80) Naphthalene,2-methyl-	14.462	142	204746	11.045	ppbv	100
81) 1,2,4-Trichlorobenzene	13.445	180	210120	9.163	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

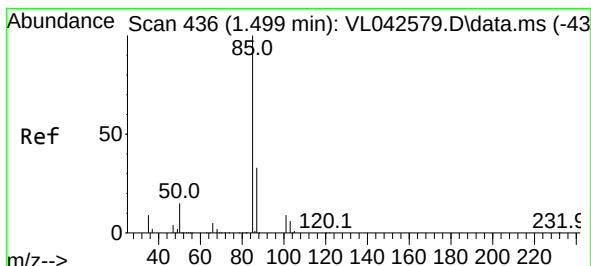
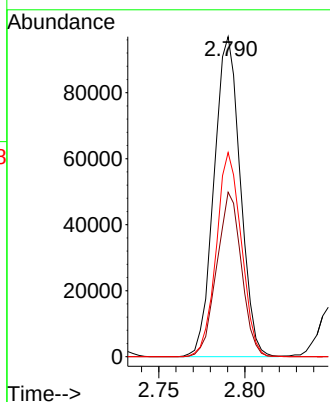
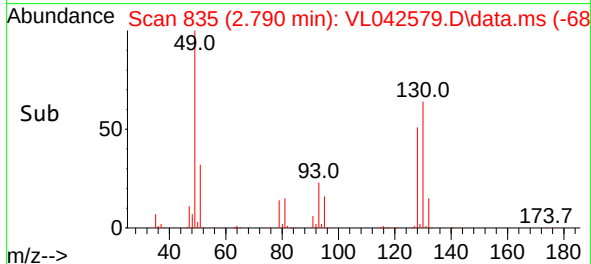
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



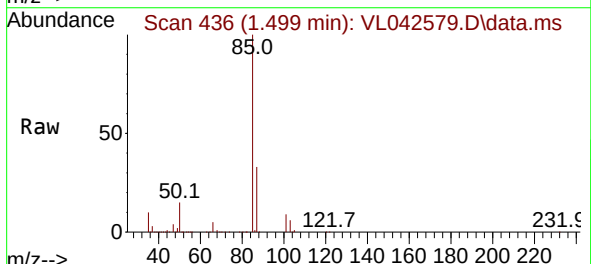
Tgt Ion: 49 Resp: 102792
Ion Ratio Lower Upper
49 100
128 48.4 24.2 72.6
130 60.8 30.4 91.2

Manual Integrations
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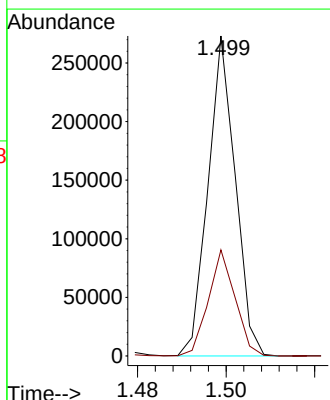
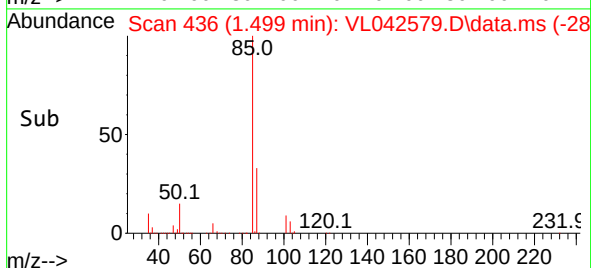
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

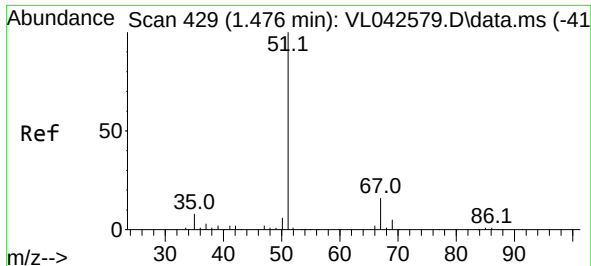


#2
Dichlorodifluoromethane
Concen: 9.232 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09



Tgt Ion: 85 Resp: 116625
Ion Ratio Lower Upper
85 100
87 33.2 26.6 39.8





#3

Chlorodifluoromethane

Concen: 8.715 ppbv

RT: 1.476 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 51 Resp: 15163

Ion Ratio Lower Upper

51 100

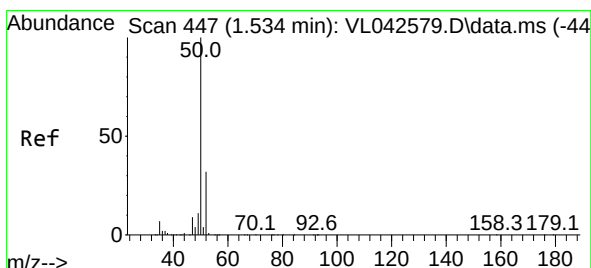
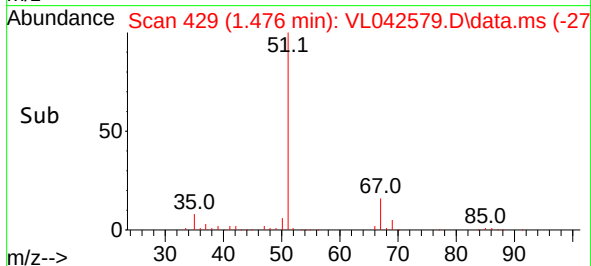
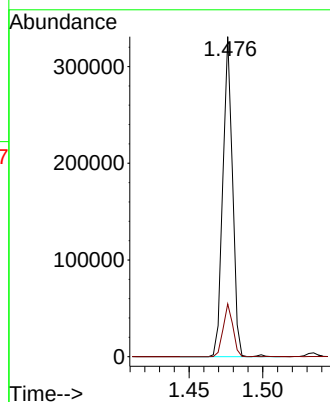
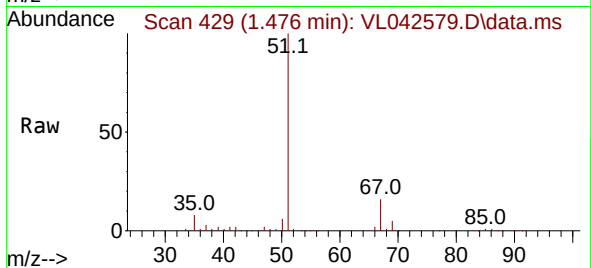
67 16.8 13.4 20.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#4

Chloromethane

Concen: 9.478 ppbv

RT: 1.534 min Scan# 447

Delta R.T. 0.000 min

Lab File: VL042579.D

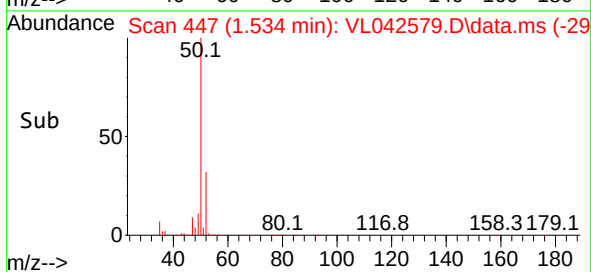
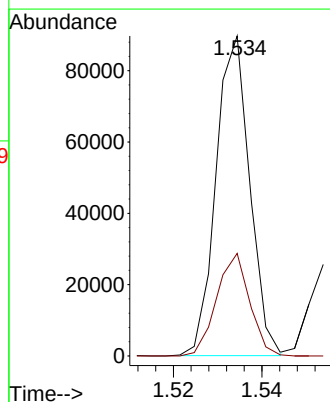
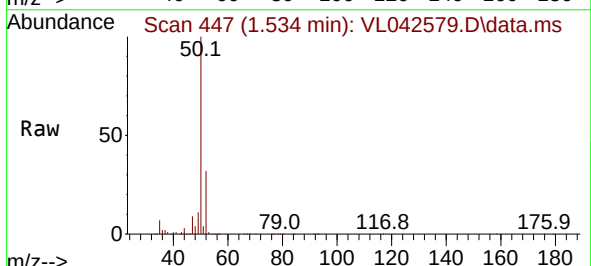
Acq: 29 May 2025 11:09

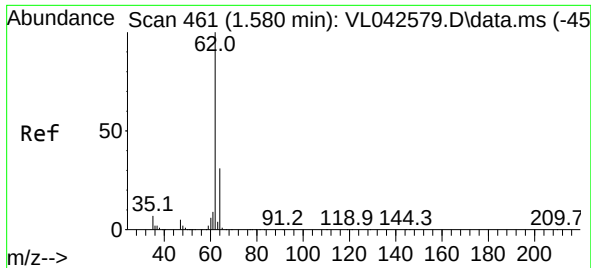
Tgt Ion: 50 Resp: 47416

Ion Ratio Lower Upper

50 100

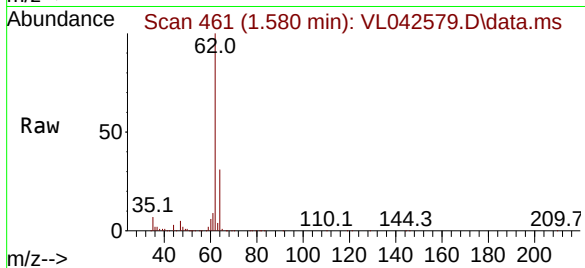
52 32.2 25.8 38.6





#5
 Vinyl Chloride
 Concen: 8.809 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

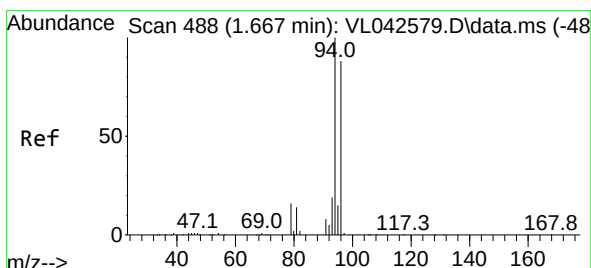
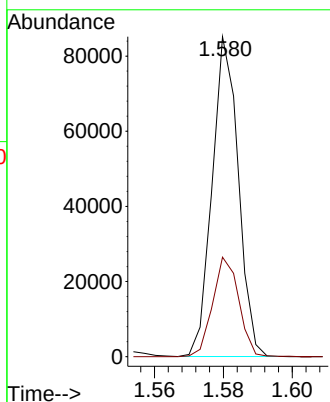
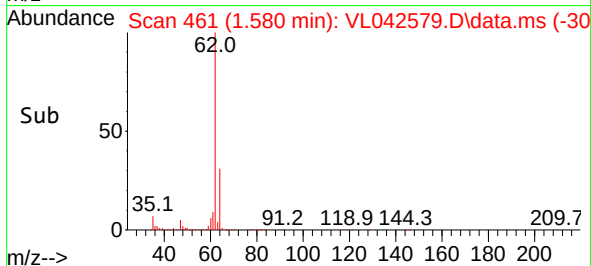
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 44895
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.9 37.3

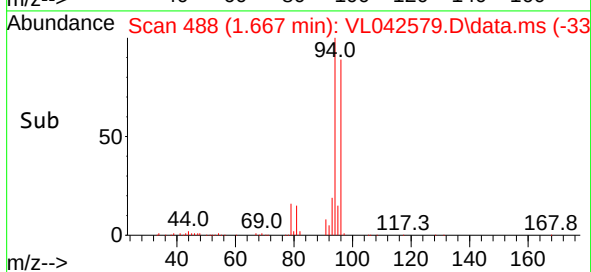
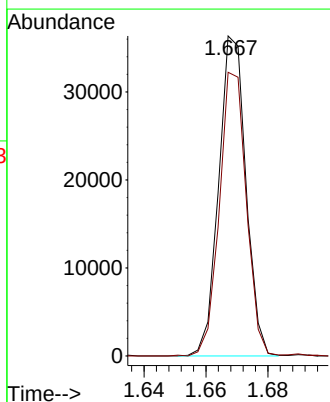
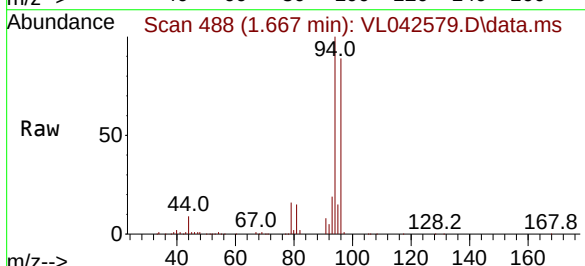
Manual Integrations
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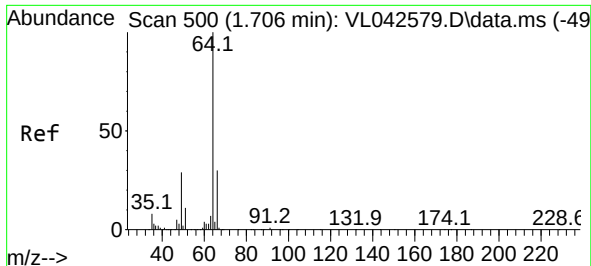
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#6
 Bromomethane
 Concen: 8.953 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

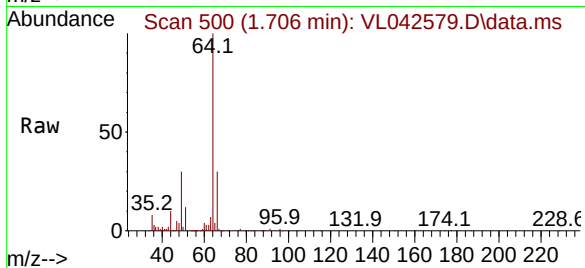
Tgt Ion: 94 Resp: 22207
 Ion Ratio Lower Upper
 94 100
 96 88.4 70.7 106.1





#7
Chloroethane
Concen: 9.066 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

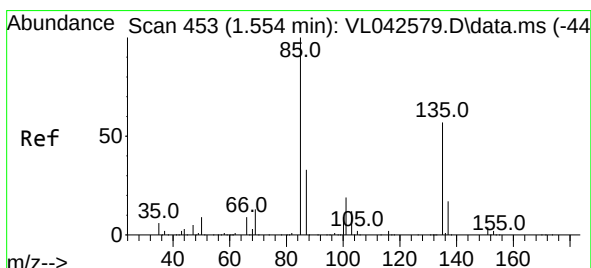
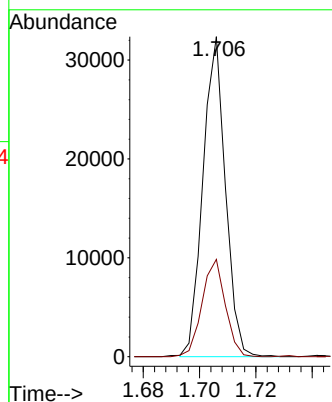
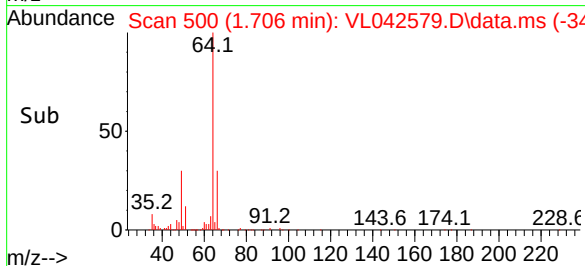
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 1795
Ion Ratio Lower Upper
64 100
66 30.4 24.3 36.5

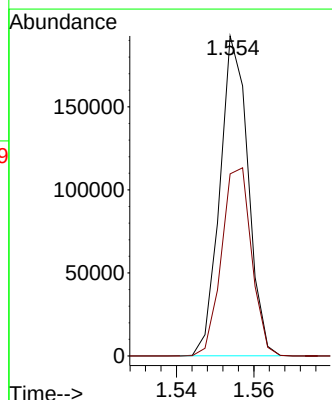
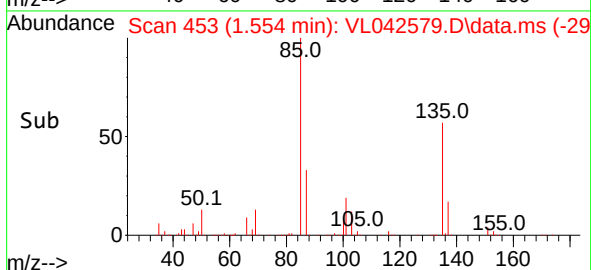
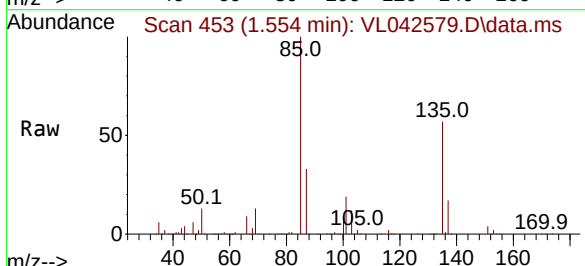
Manual Integrations
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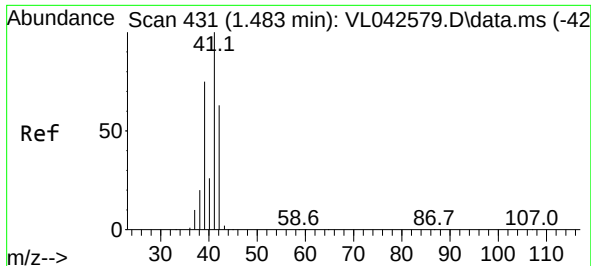
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#8
Dichlorotetrafluoroethane
Concen: 9.255 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 85 Resp: 97419
Ion Ratio Lower Upper
85 100
135 62.8 50.2 75.4





#9

Propene

Concen: 9.529 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 6676

Ion Ratio Lower Upper

41 100

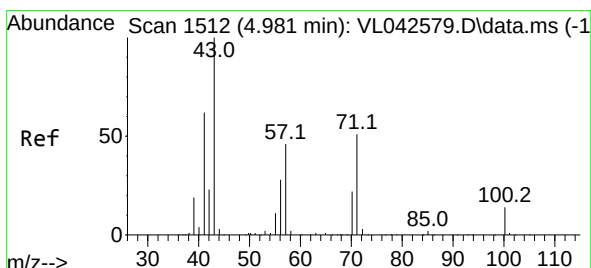
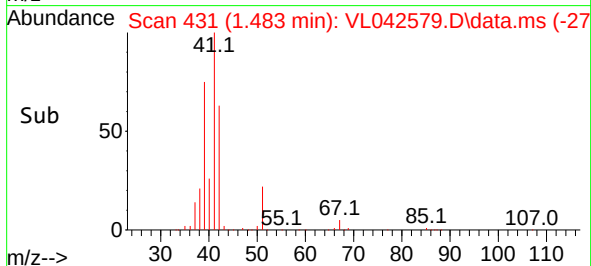
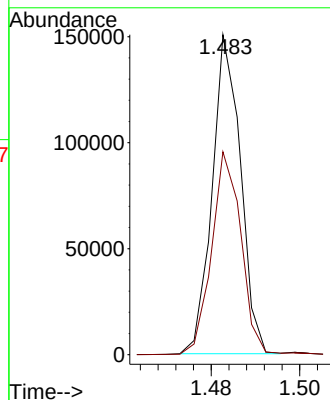
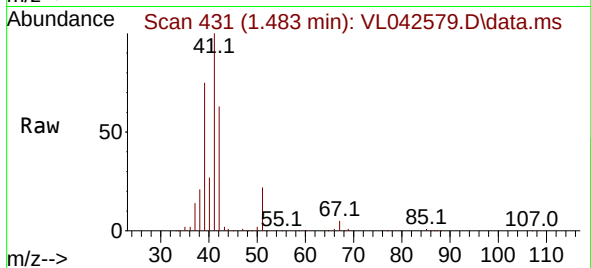
42 66.9 53.3 79.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#10

Heptane

Concen: 9.236 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VL042579.D

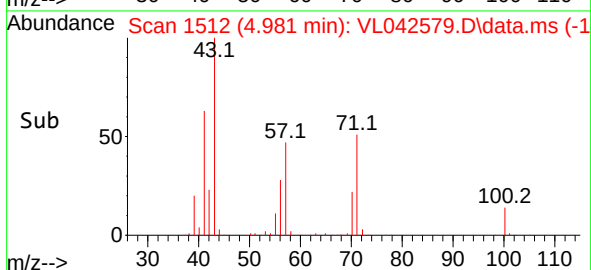
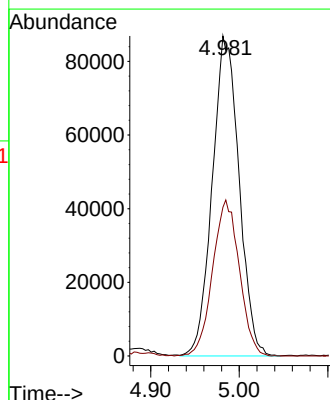
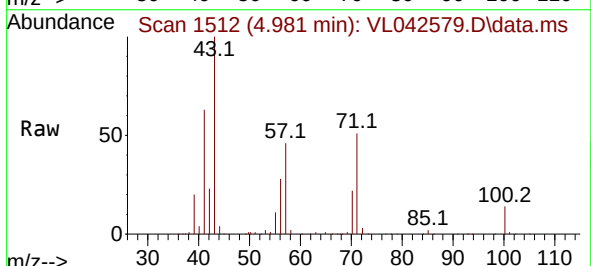
Acq: 29 May 2025 11:09

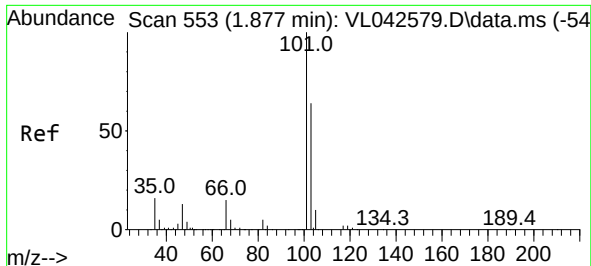
Tgt Ion: 43 Resp: 182619

Ion Ratio Lower Upper

43 100

57 48.6 38.9 58.3





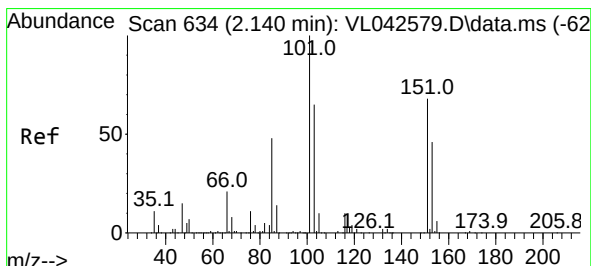
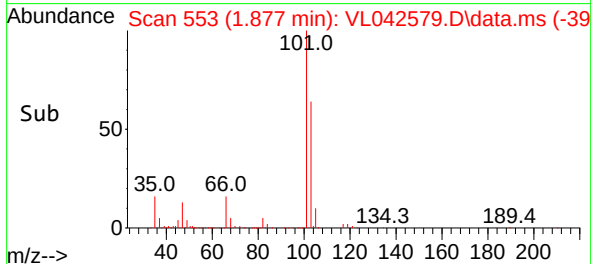
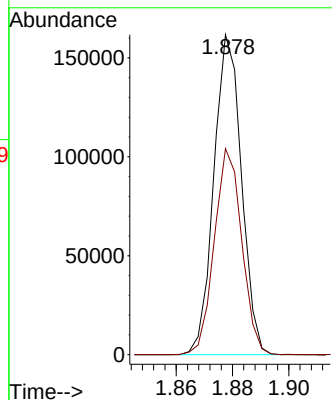
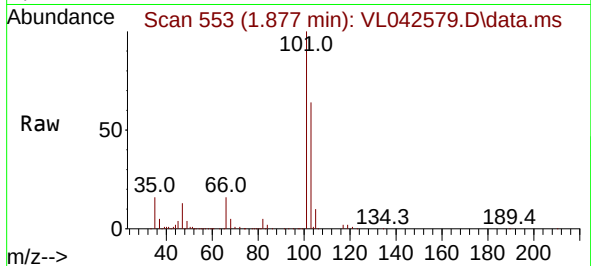
#11
Trichlorofluoromethane
Concen: 9.363 ppbv
RT: 1.877 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 11005
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

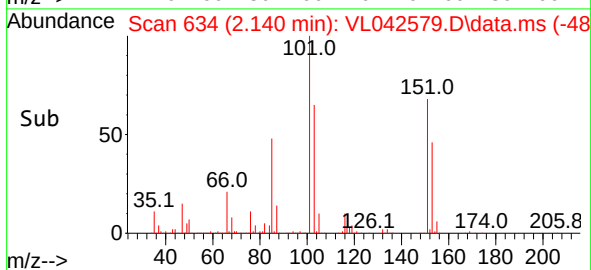
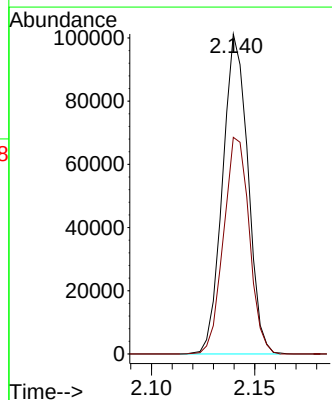
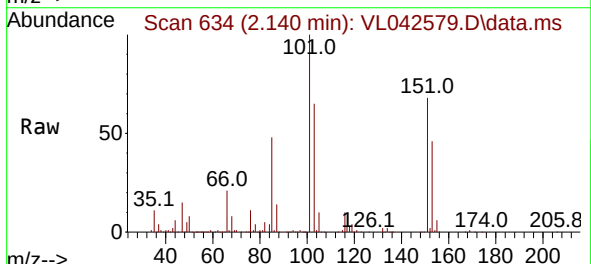
Manual Integrations
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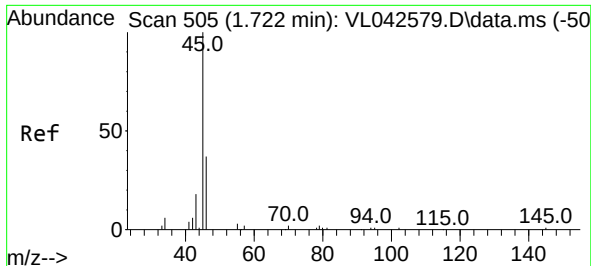
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.330 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

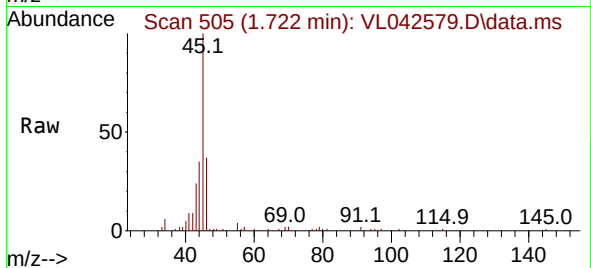
Tgt Ion:101 Resp: 86117
Ion Ratio Lower Upper
101 100
151 69.1 55.3 82.9





#13
Ethanol
Concen: 7.639 ppbv m
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

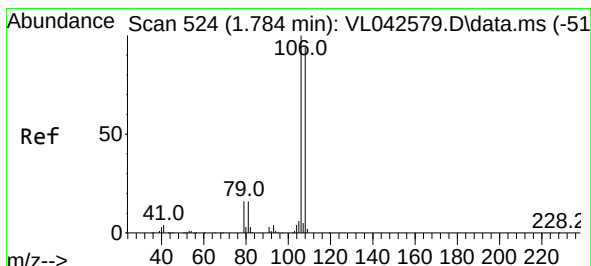
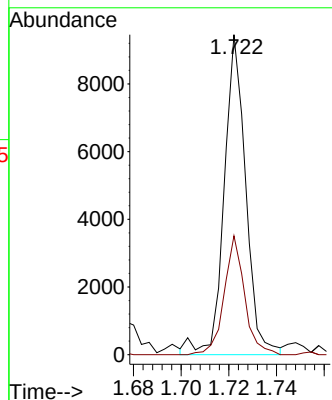
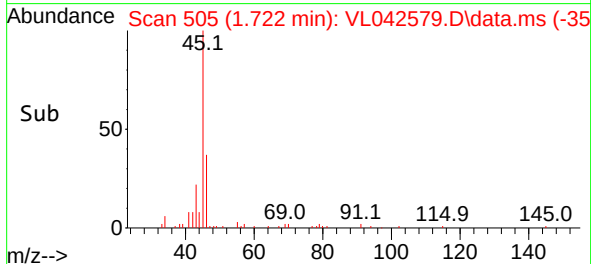
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



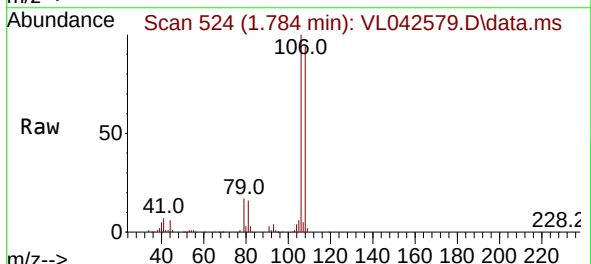
Tgt Ion: 45 Resp: 5975
Ion Ratio Lower Upper
45 100
46 35.5 14.5 58.1

Manual Integrations
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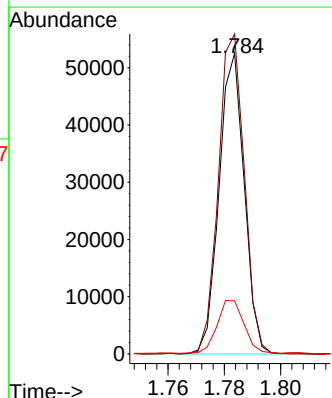
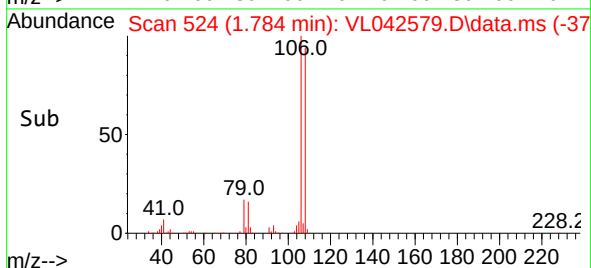
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

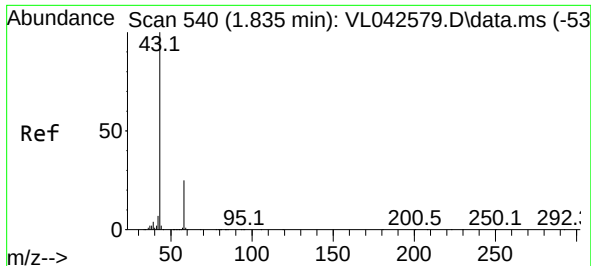


#14
Bromoethene
Concen: 9.386 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09



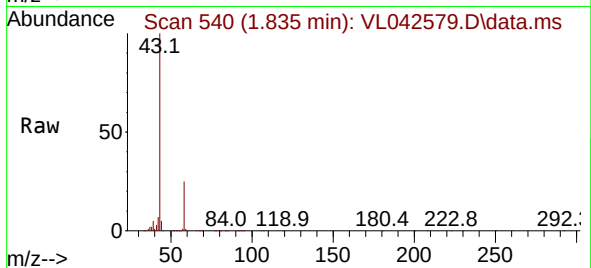
Tgt Ion:108 Resp: 32588
Ion Ratio Lower Upper
108 100
106 109.9 87.9 131.9
79 19.5 15.6 23.4





#15
Acetone
Concen: 7.708 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

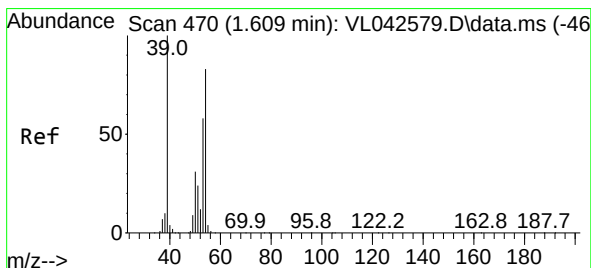
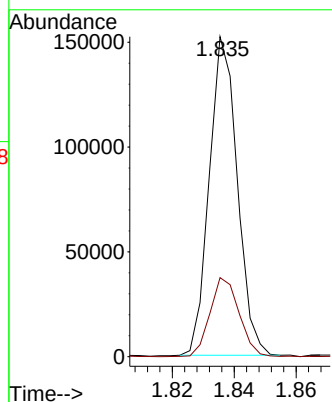
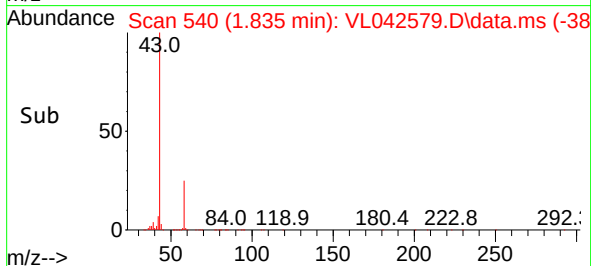
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



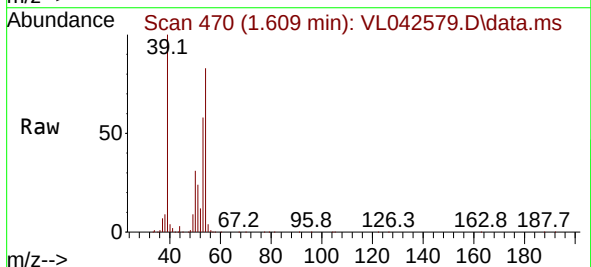
Tgt Ion: 43 Resp: 9544
Ion Ratio Lower Upper
43 100
58 26.2 21.0 31.4

Manual Integrations
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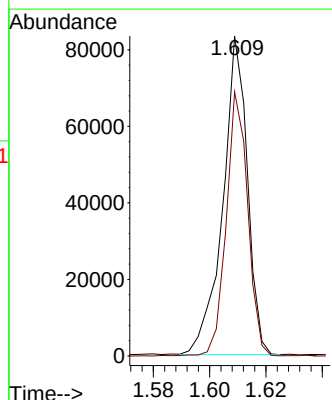
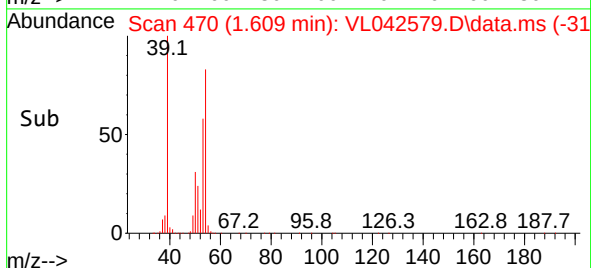
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

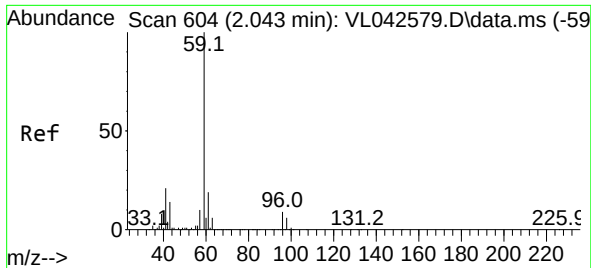


#16
1,3-Butadiene
Concen: 8.607 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09



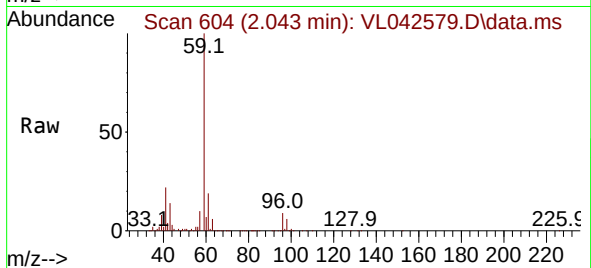
Tgt Ion: 39 Resp: 50485
Ion Ratio Lower Upper
39 100
54 72.4 57.9 86.9





#17
tert-Butyl alcohol
Concen: 9.858 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

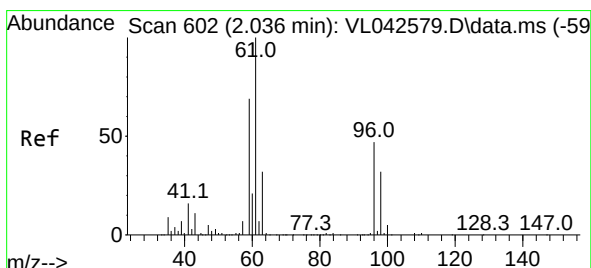
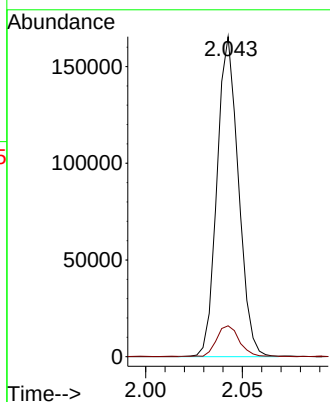
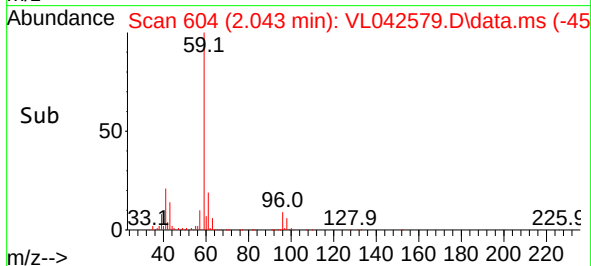
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



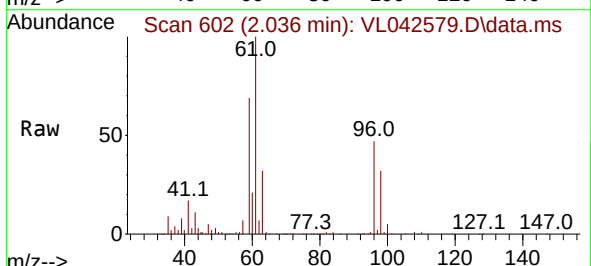
Tgt Ion: 59 Resp: 127162
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

Manual Integrations
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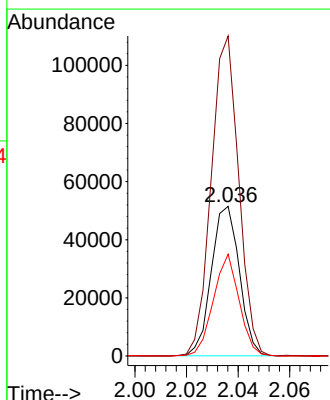
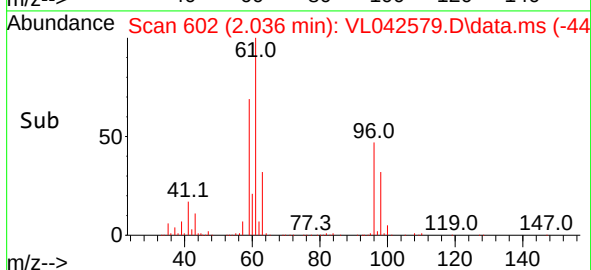
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

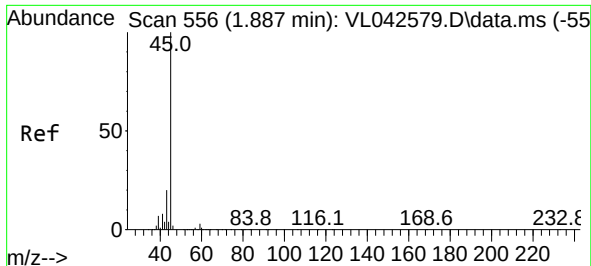


#18
1,1-Dichloroethene
Concen: 9.026 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09



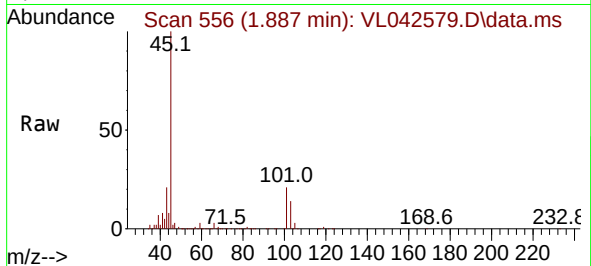
Tgt Ion: 96 Resp: 38765
Ion Ratio Lower Upper
96 100
61 214.2 171.1 256.7
98 68.1 54.4 81.6





#19
Isopropyl Alcohol
Concen: 9.151 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

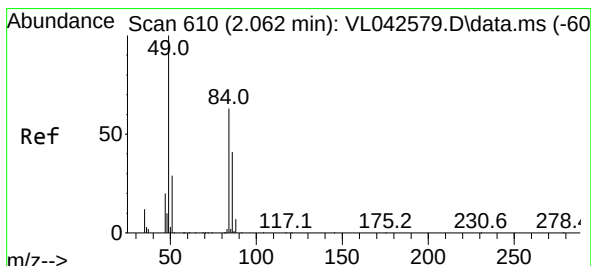
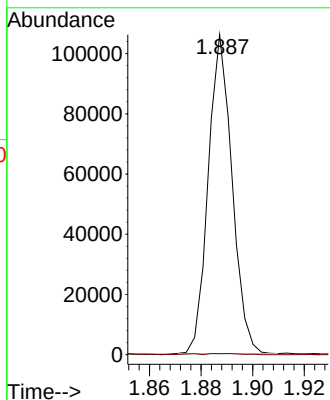
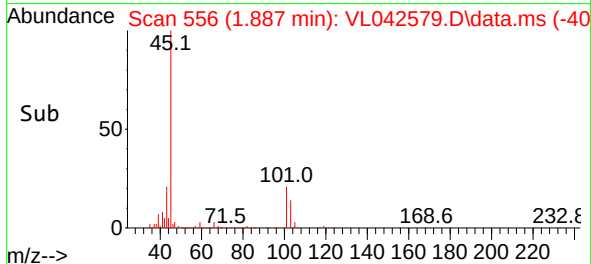
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



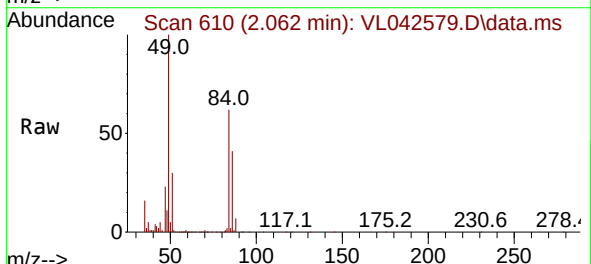
Tgt Ion: 45 Resp: 6773
Ion Ratio Lower Upper
45 100
58 36.8 29.4 44.2

Manual Integrations
APPROVED

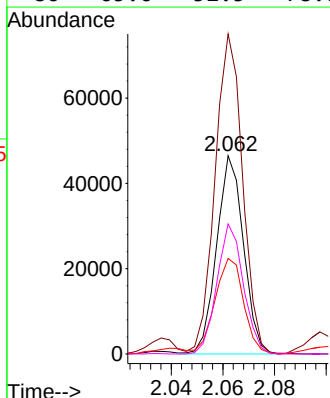
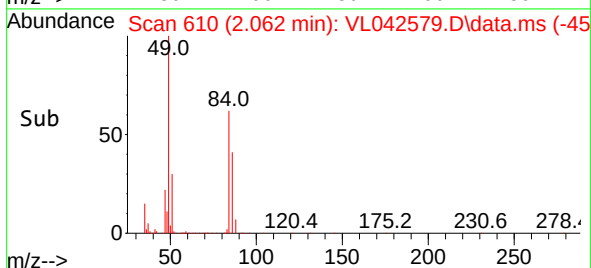
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

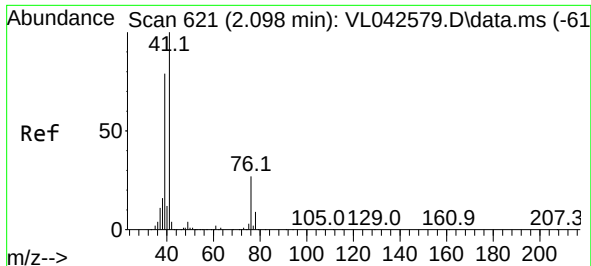


#20
Methylene Chloride
Concen: 8.209 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09



Tgt Ion: 84 Resp: 33544
Ion Ratio Lower Upper
84 100
49 161.0 128.8 193.2
51 48.2 38.6 57.8
86 65.6 52.5 78.7





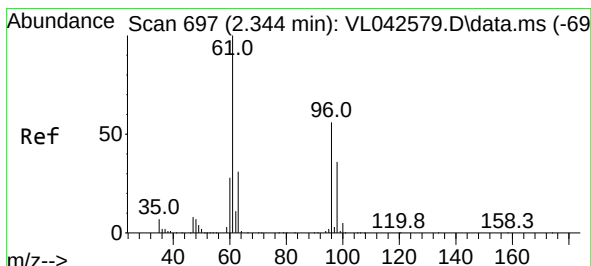
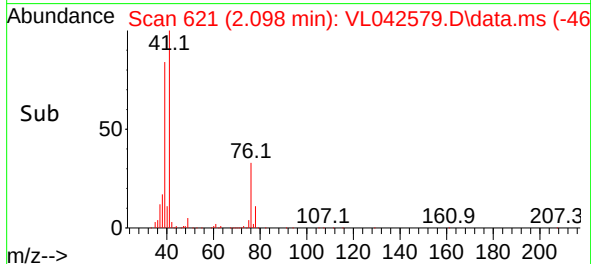
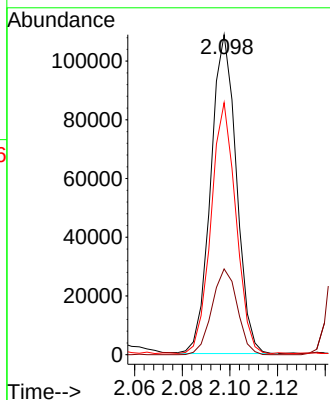
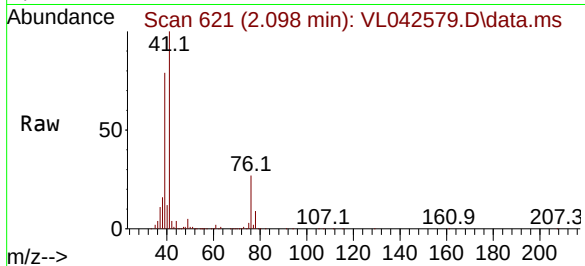
#21
 Allyl Chloride
 Concen: 9.289 ppbv
 RT: 2.098 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 8115
 Ion Ratio Lower Upper
 41 100
 76 26.5 21.2 31.8
 39 76.1 60.9 91.3

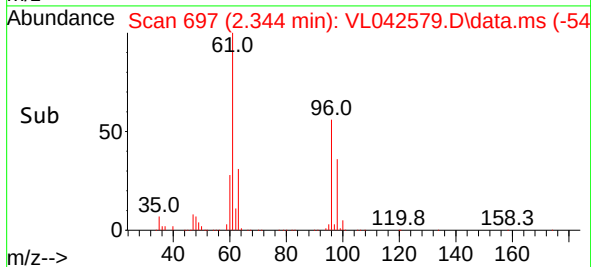
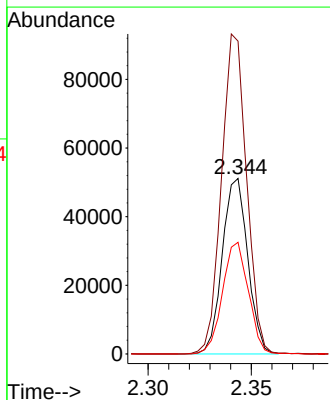
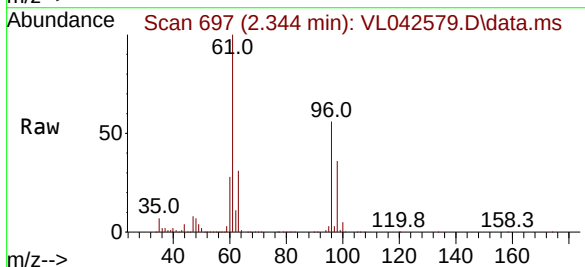
Manual Integrations
 APPROVED

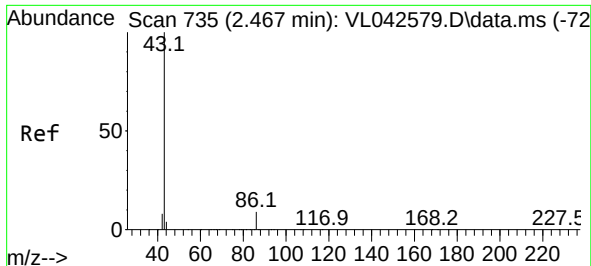
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.165 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

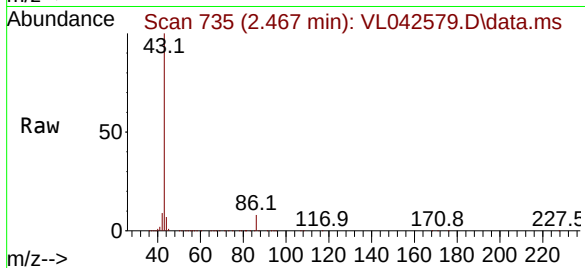
Tgt Ion: 96 Resp: 43936
 Ion Ratio Lower Upper
 96 100
 61 178.3 142.6 214.0
 98 63.7 51.0 76.4





#23
 Vinyl Acetate
 Concen: 8.954 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

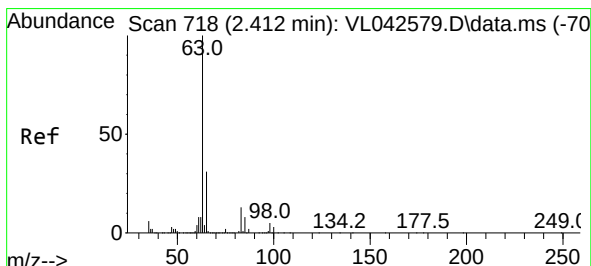
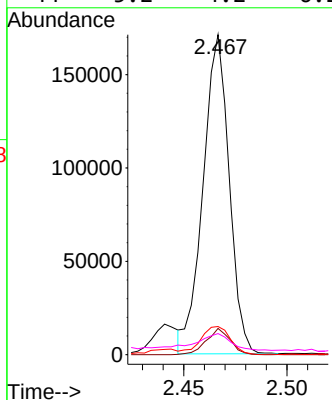
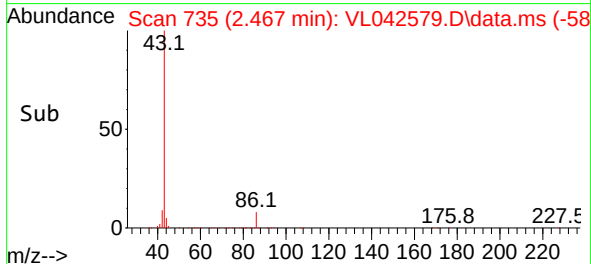
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



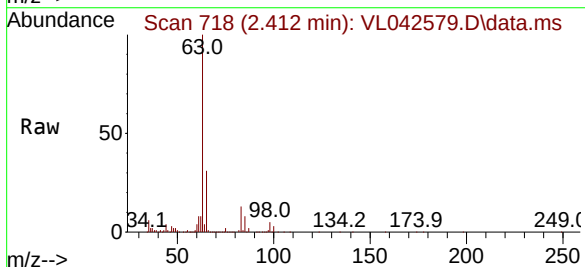
Tgt Ion: 43 Resp: 149858
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.6 9.8
 42 8.7 7.0 10.4
 44 5.2 4.2 6.2

Manual Integrations
 APPROVED

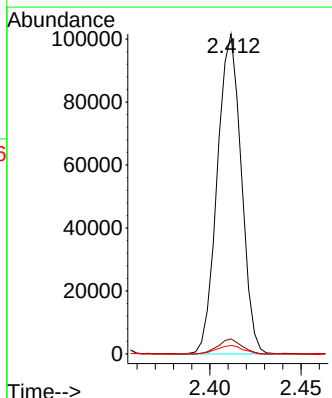
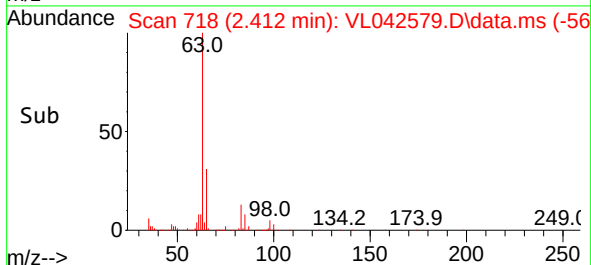
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

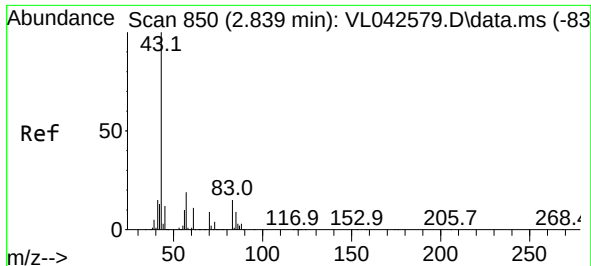


#24
 1,1-Dichloroethane
 Concen: 9.442 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09



Tgt Ion: 63 Resp: 92836
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.4 7.1
 100 2.7 1.4 4.0





#25

Ethyl Acetate

Concen: 9.264 ppbv

RT: 2.839 min Scan# 850

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

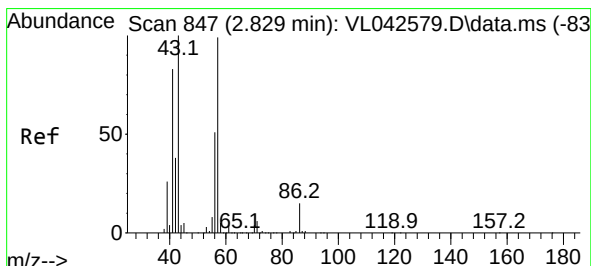
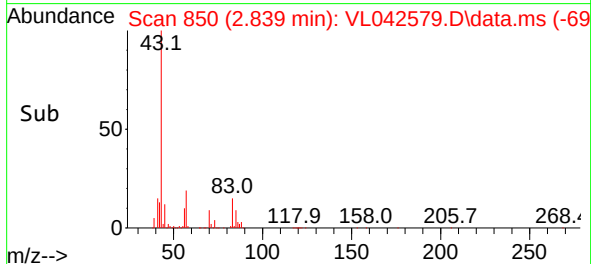
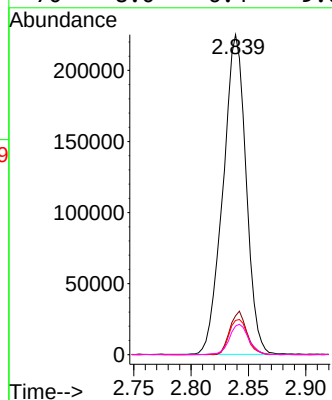
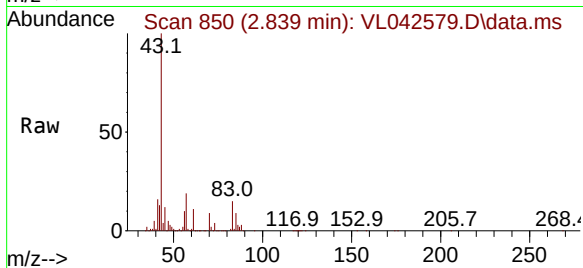
VSTDICCC010

Tgt Ion:	43	Resp:	31391
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	8.9	7.1	10.7
70	8.0	6.4	9.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26

Hexane

Concen: 9.013 ppbv

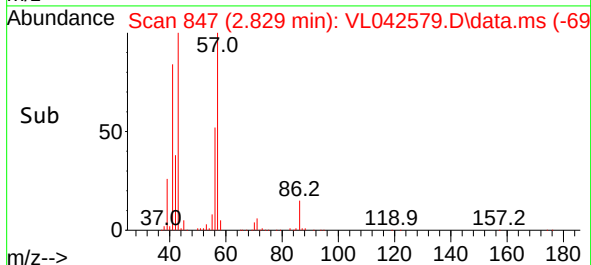
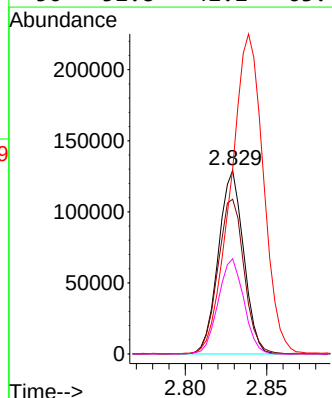
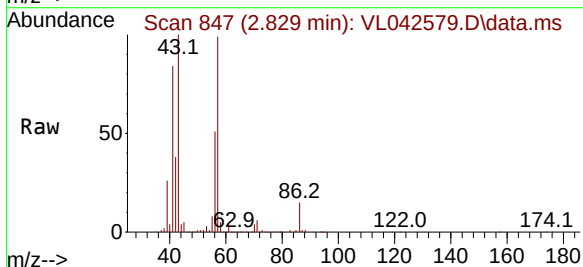
RT: 2.829 min Scan# 847

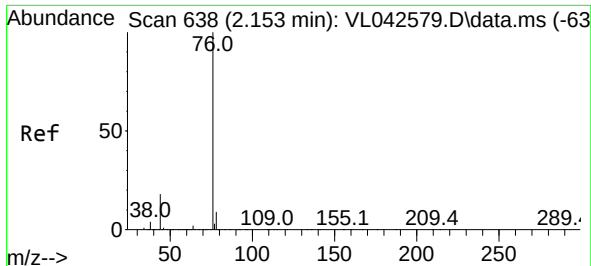
Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Tgt Ion:	57	Resp:	138771
Ion	Ratio	Lower	Upper
57	100		
41	88.3	70.6	106.0
43	226.4	181.1	271.7
56	52.8	42.2	63.4





#27

Carbon Disulfide

Concen: 9.298 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL042579.D

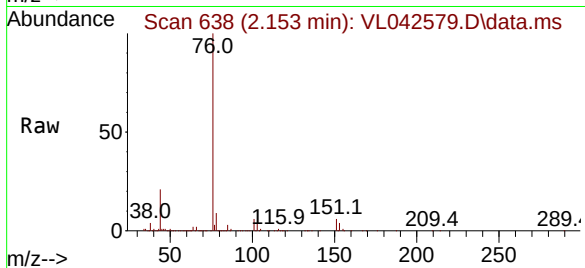
Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

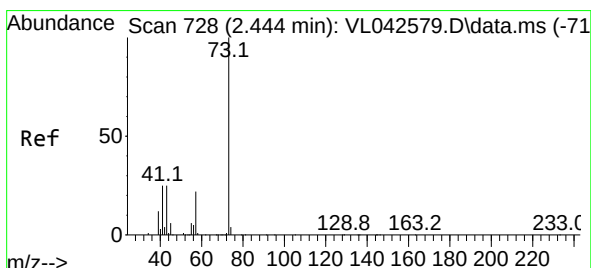
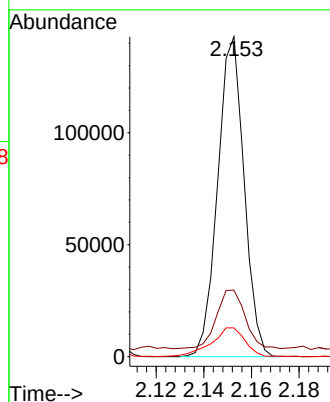
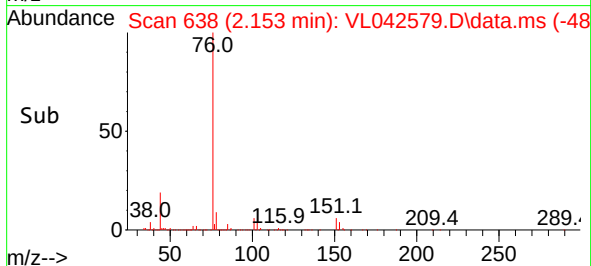


Tgt Ion:	76	Resp:	109904
Ion Ratio	100	Lower	Upper
76	100		
44	26.6	21.3	31.9
78	11.7	9.4	14.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28

Methyl tert-Butyl Ether

Concen: 9.045 ppbv

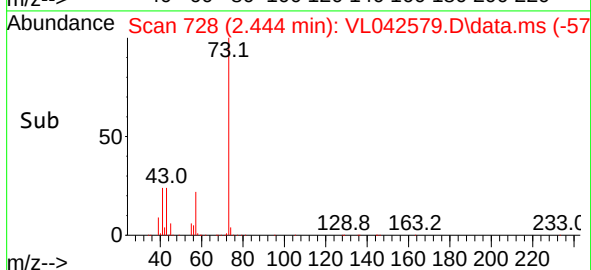
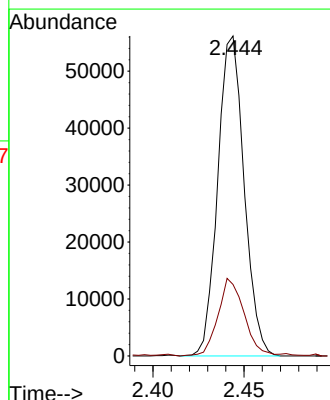
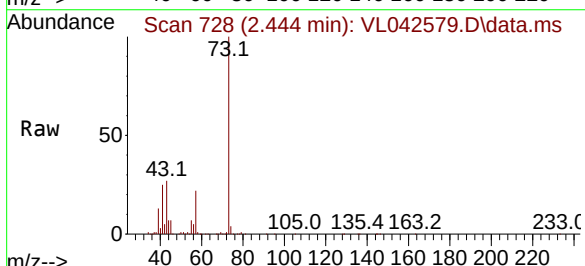
RT: 2.444 min Scan# 728

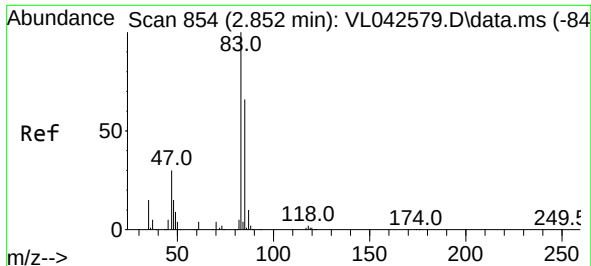
Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

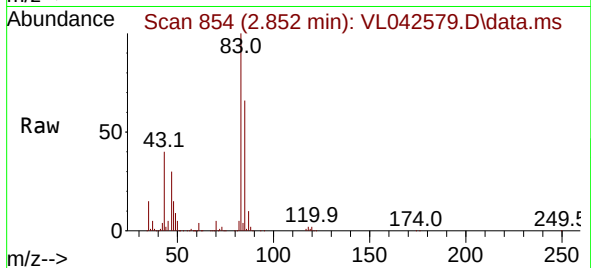
Tgt Ion:	73	Resp:	56510
Ion Ratio	100	Lower	Upper
73	100		
57	24.9	19.9	29.9





#29
Chloroform
Concen: 9.013 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

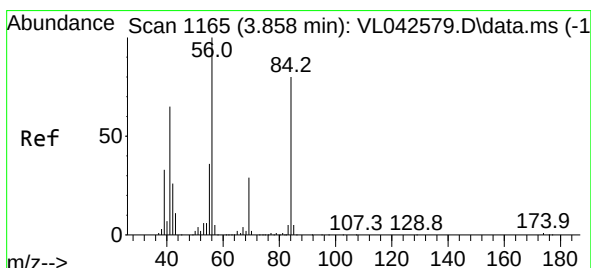
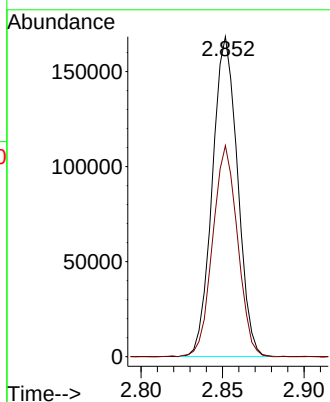
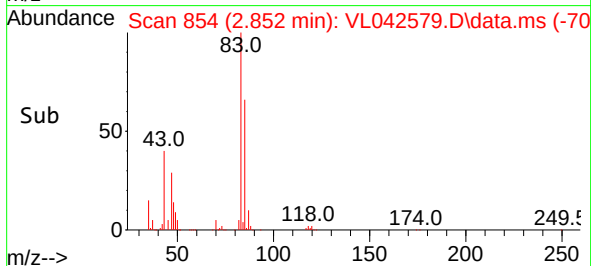
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 180449
Ion Ratio Lower Upper
83 100
85 66.0 52.8 79.2

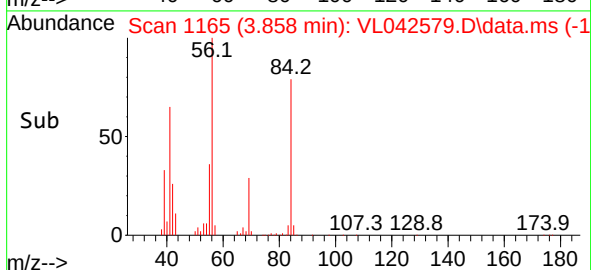
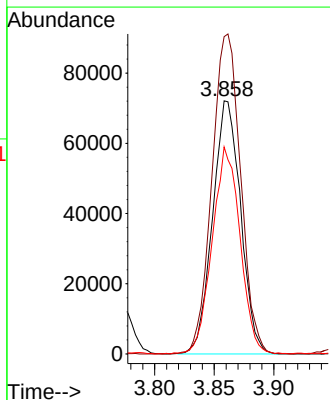
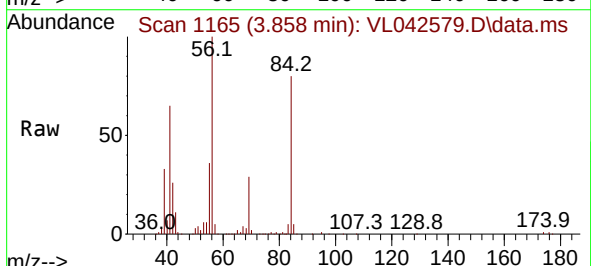
Manual Integrations
APPROVED

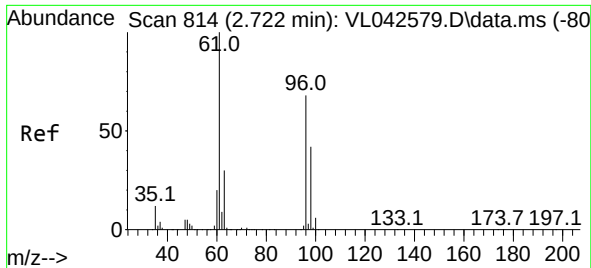
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#30
Cyclohexane
Concen: 9.232 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

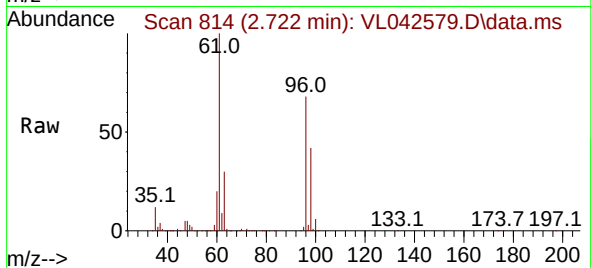
Tgt Ion: 84 Resp: 117833
Ion Ratio Lower Upper
84 100
56 129.7 103.7 155.5
41 81.2 65.1 97.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.274 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

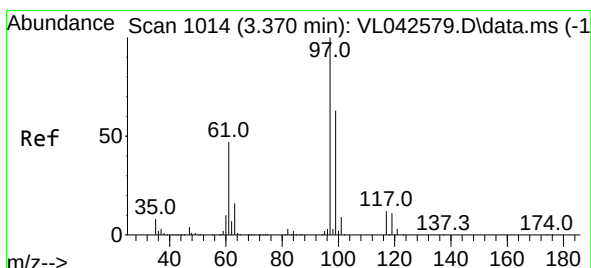
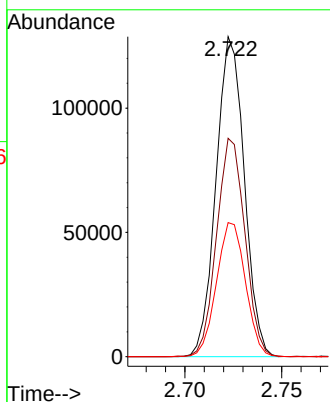
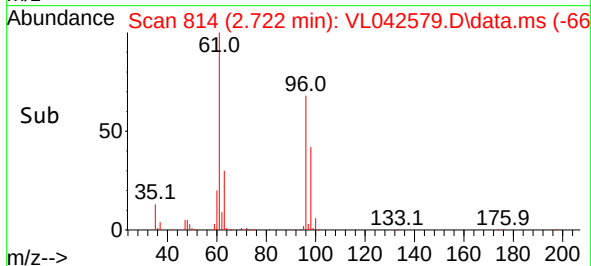
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



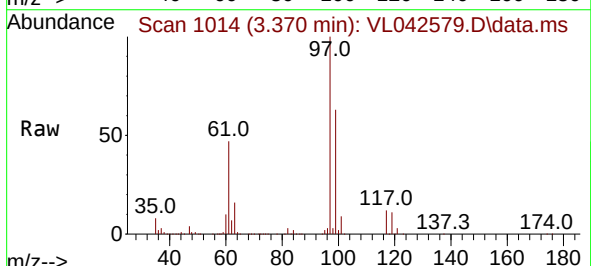
Tgt Ion: 61 Resp: 130618
 Ion Ratio Lower Upper
 61 100
 96 68.1 54.5 81.7
 98 41.8 33.4 50.2

Manual Integrations
 APPROVED

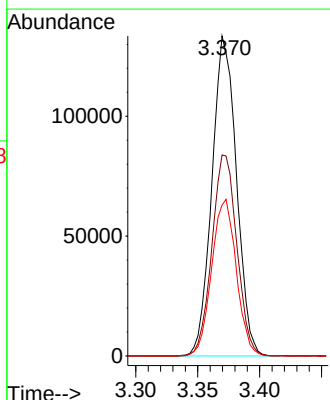
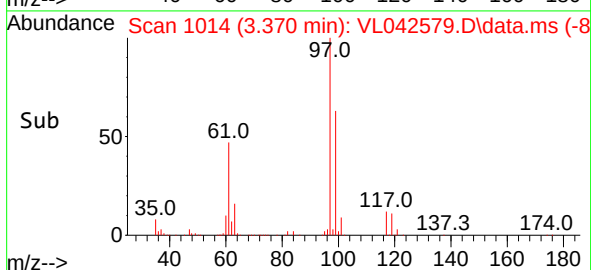
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

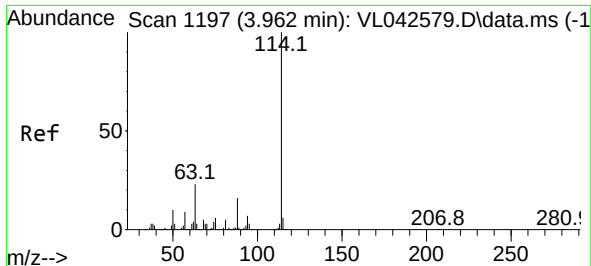


#32
 1,1,1-Trichloroethane
 Concen: 9.177 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09



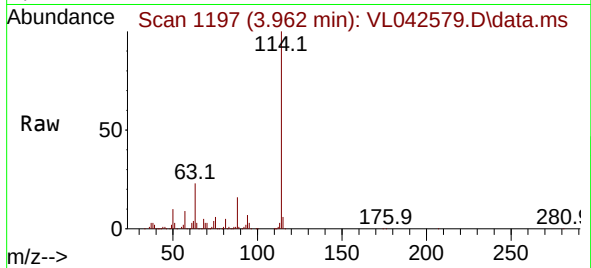
Tgt Ion: 97 Resp: 184372
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.6
 61 49.2 39.4 59.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

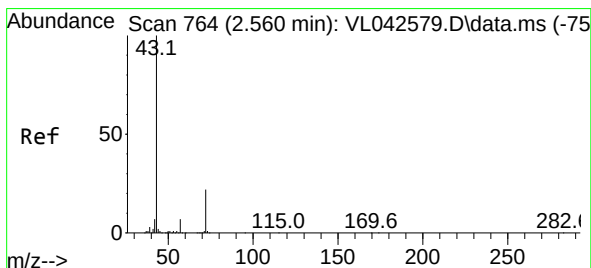
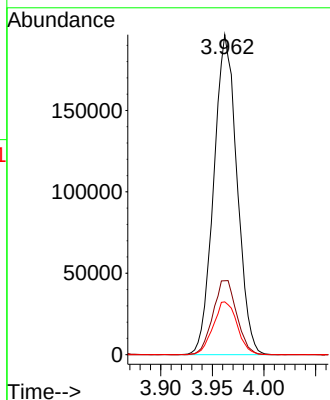
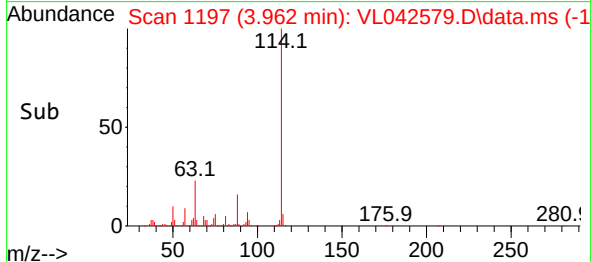
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:114 Resp: 307854
Ion Ratio Lower Upper
114 100
63 23.8 19.0 28.6
88 17.0 13.6 20.4

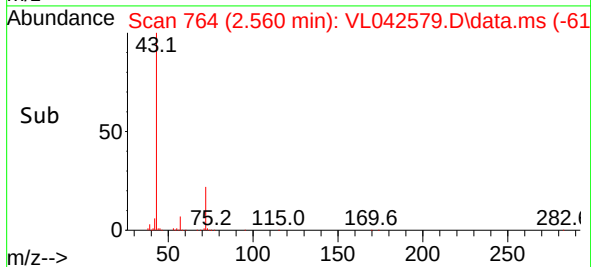
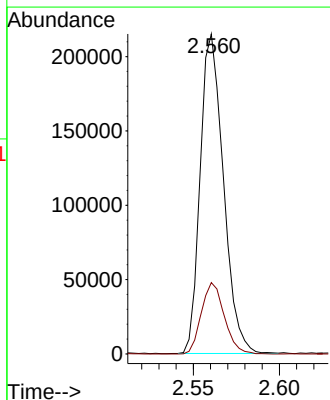
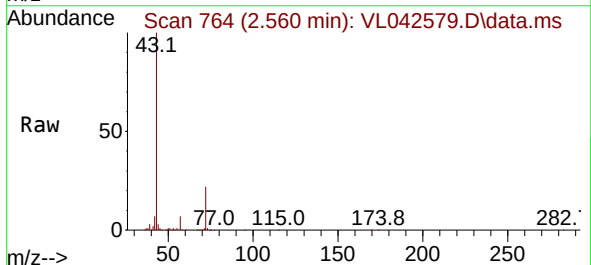
Manual Integrations
APPROVED

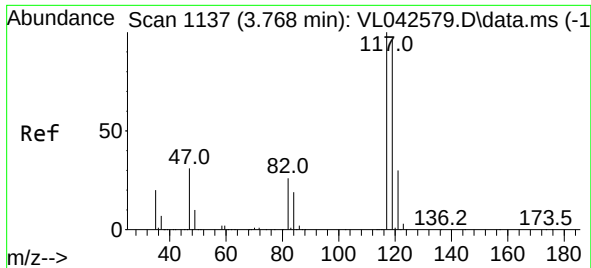
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#34
2-Butanone
Concen: 9.192 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

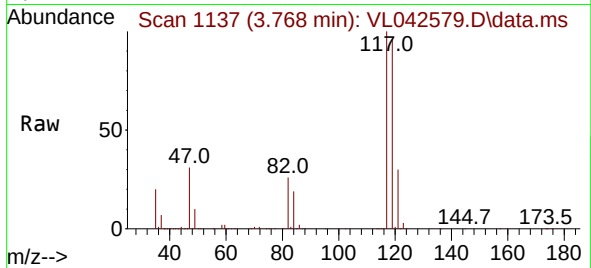
Tgt Ion: 43 Resp: 201796
Ion Ratio Lower Upper
43 100
72 22.1 17.7 26.5





#35
Carbon Tetrachloride
Concen: 9.132 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

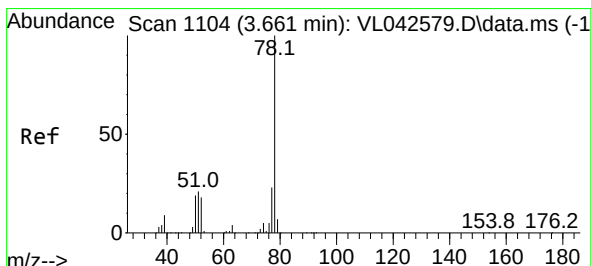
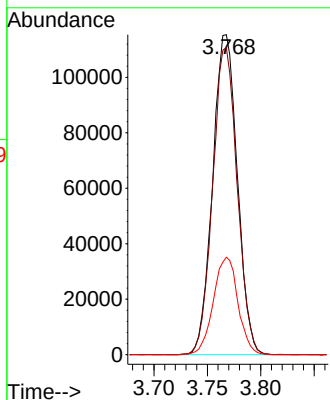
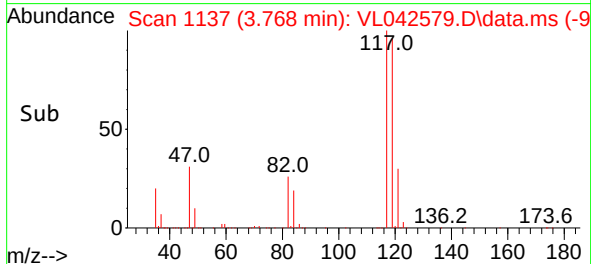
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion:117 Resp: 185629
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 30.4 24.3 36.5

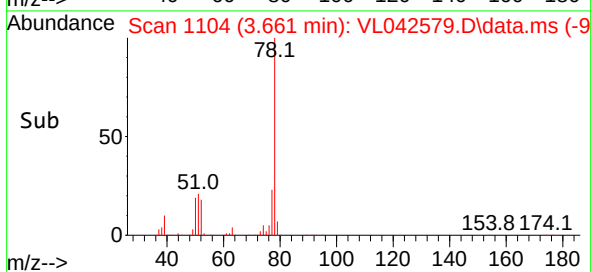
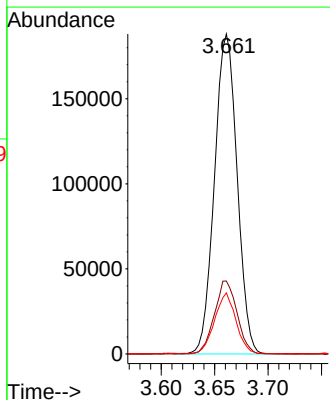
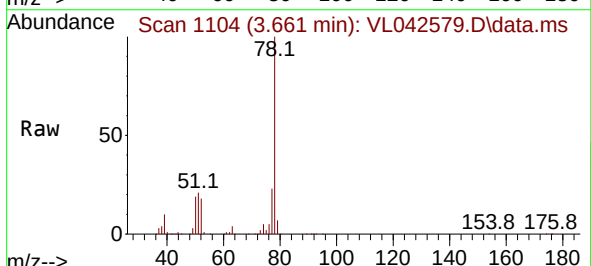
Manual Integrations
APPROVED

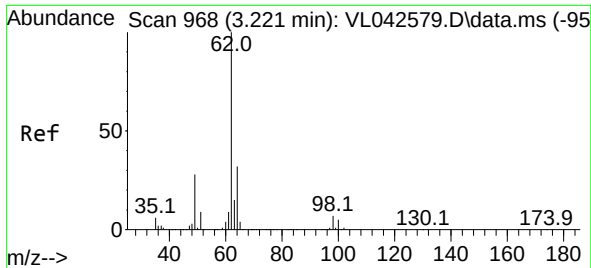
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
Benzene
Concen: 9.142 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

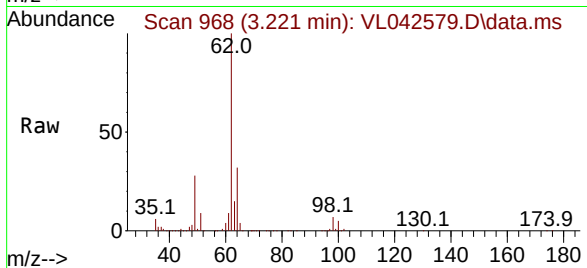
Tgt Ion: 78 Resp: 277132
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2
50 19.0 15.2 22.8





#37
1,2-Dichloroethane
Concen: 9.153 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

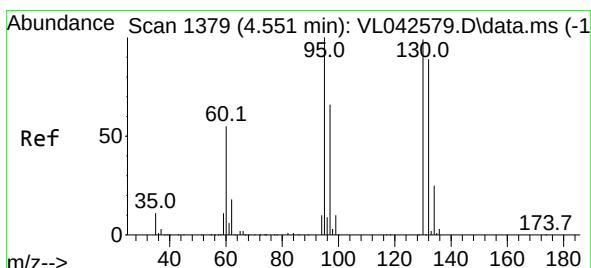
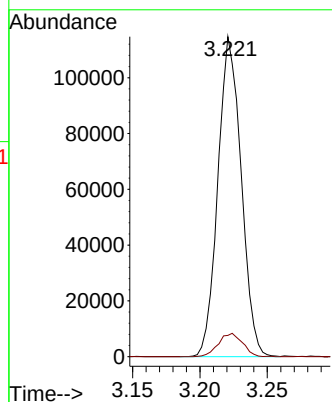
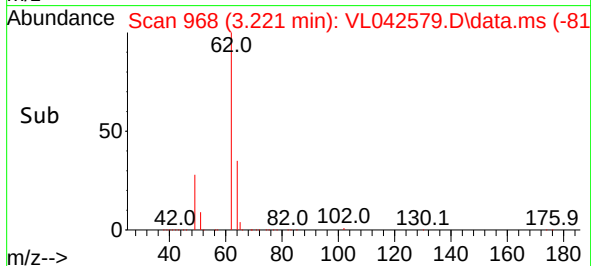
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 62 Resp: 137914
Ion Ratio Lower Upper
62 100
98 7.6 6.1 9.1

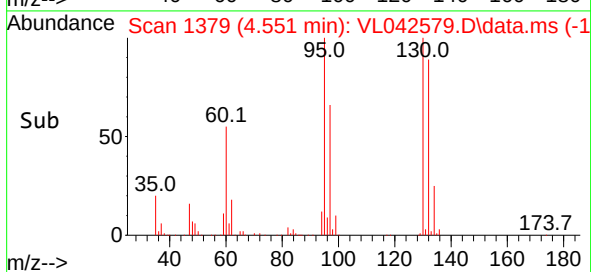
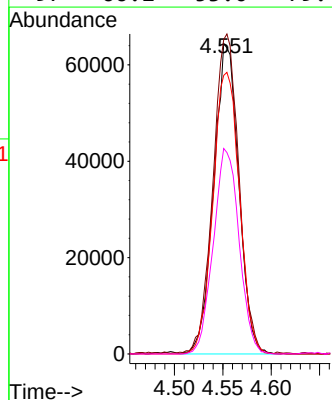
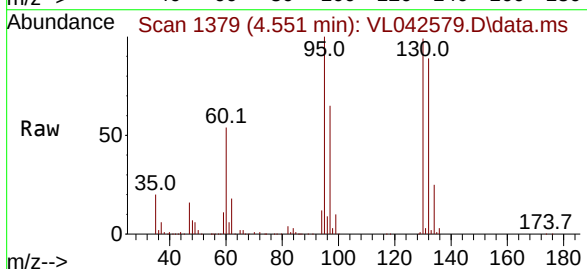
Manual Integrations
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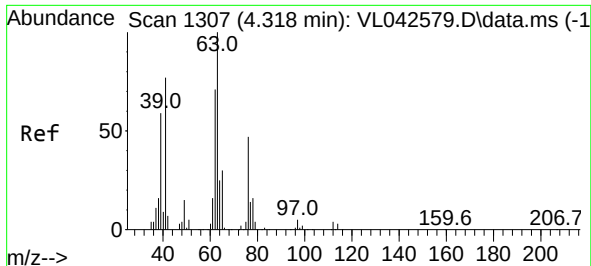
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#38
Trichloroethene
Concen: 8.916 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion:130 Resp: 115772
Ion Ratio Lower Upper
130 100
95 100.8 80.6 121.0
132 89.7 71.8 107.6
97 66.2 53.0 79.4





#39

1,2-Dichloropropane

Concen: 9.029 ppbv

RT: 4.318 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

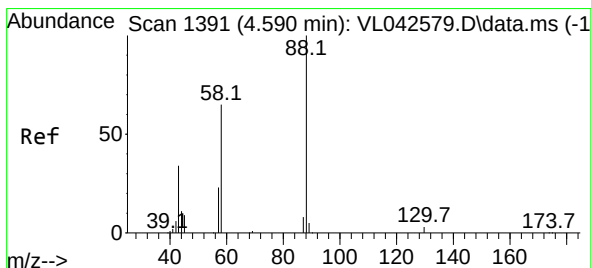
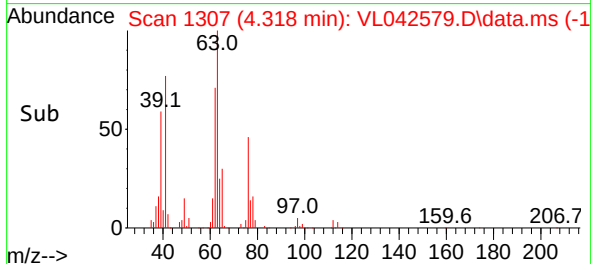
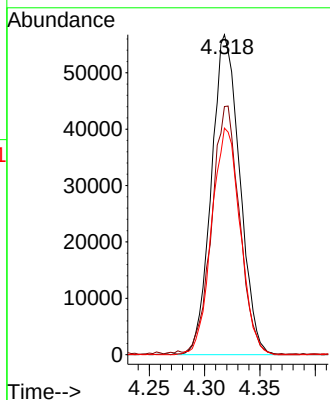
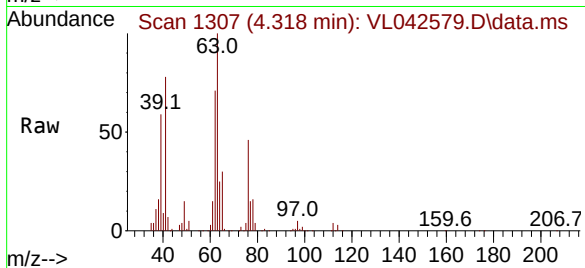
Tgt Ion: 63 Resp: 10118

Ion	Ratio	Lower	Upper
63	100		
41	77.2	61.8	92.6
62	70.8	56.6	85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#40

1,4-Dioxane

Concen: 9.797 ppbv

RT: 4.590 min Scan# 1391

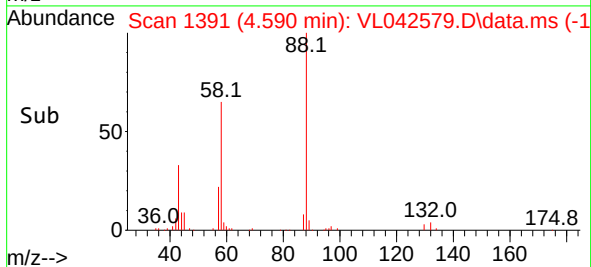
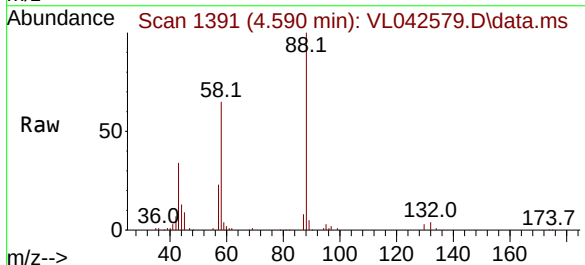
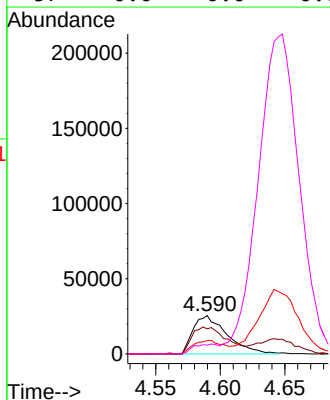
Delta R.T. 0.000 min

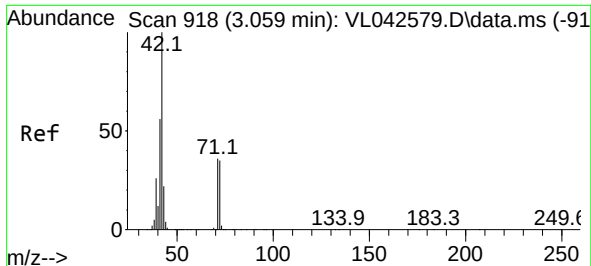
Lab File: VL042579.D

Acq: 29 May 2025 11:09

Tgt Ion: 88 Resp: 46671

Ion	Ratio	Lower	Upper
88	100		
58	69.8	55.8	83.8
43	31.0	24.8	37.2
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 9.301 ppbv

RT: 3.059 min Scan# 918

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 42 Resp: 119530

Ion Ratio Lower Upper

42 100

72 36.2 28.9 43.3

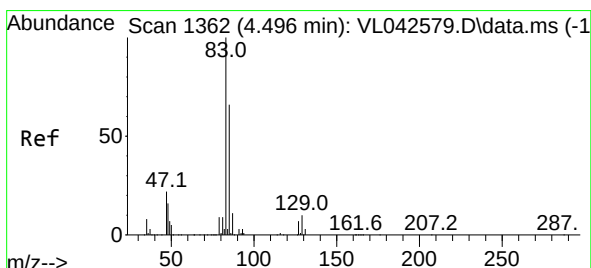
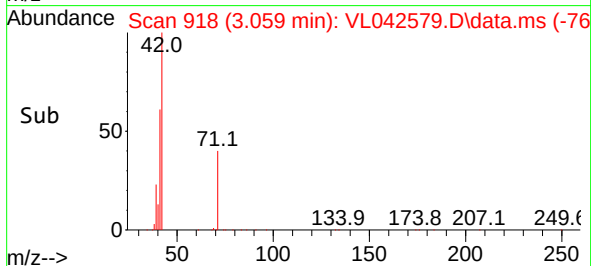
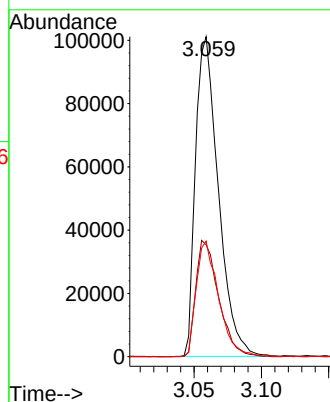
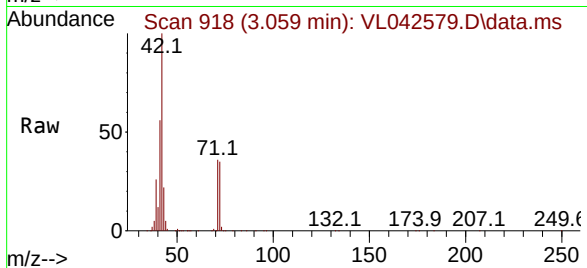
71 35.5 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#42

Bromodichloromethane

Concen: 9.441 ppbv

RT: 4.496 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

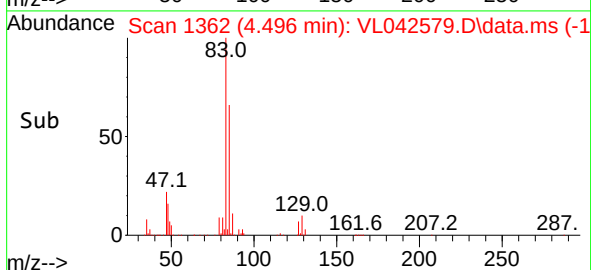
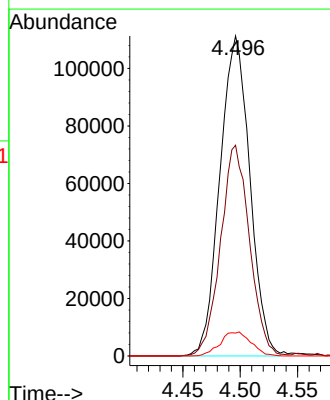
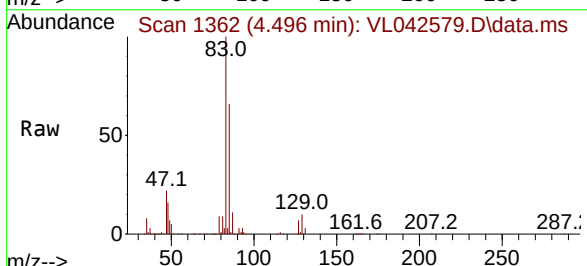
Tgt Ion: 83 Resp: 202026

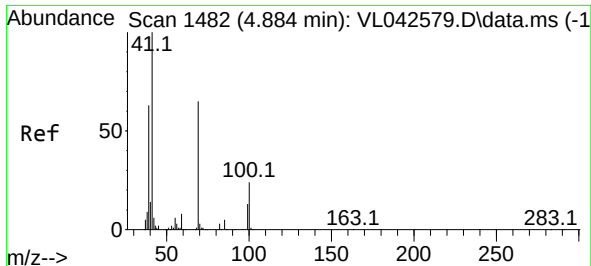
Ion Ratio Lower Upper

83 100

85 65.9 52.7 79.1

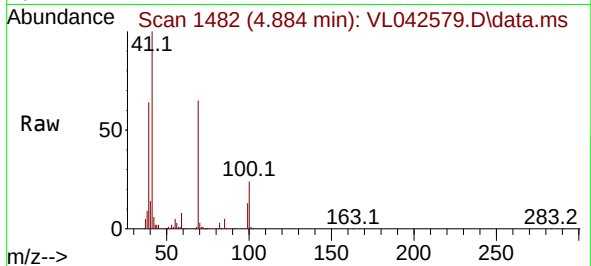
127 7.2 5.8 8.6





#43
Methyl Methacrylate
Concen: 9.595 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

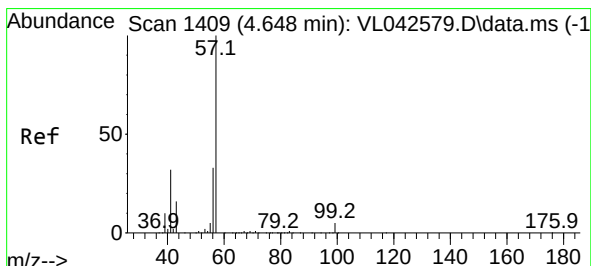
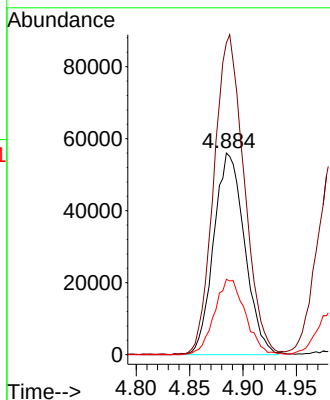
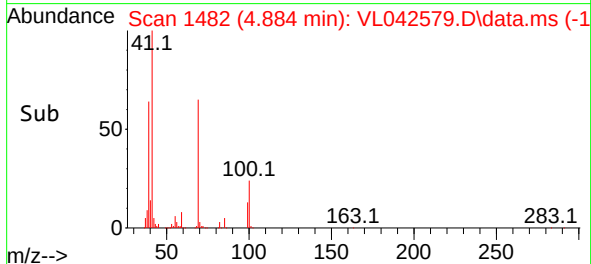
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 112740
Ion Ratio Lower Upper
69 100
41 155.4 124.6 187.0
100 37.3 29.9 44.9

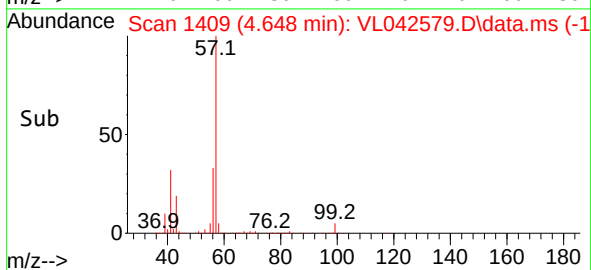
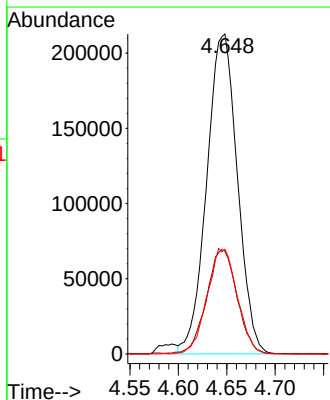
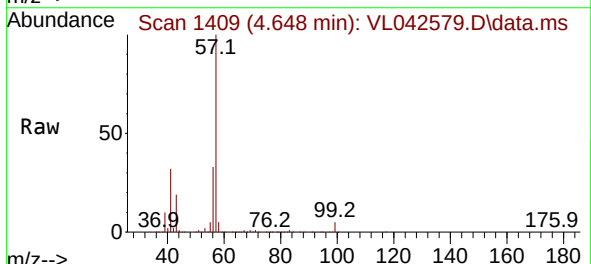
Manual Integrations
APPROVED

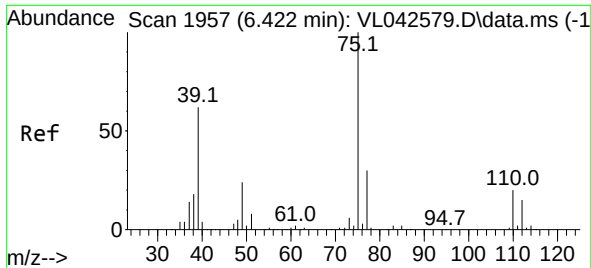
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#44
2,2,4-Trimethylpentane
Concen: 9.043 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 57 Resp: 468572
Ion Ratio Lower Upper
57 100
41 32.6 26.1 39.1
56 32.4 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 9.700 ppbv

RT: 6.422 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 13061

Ion Ratio Lower Upper

75 100

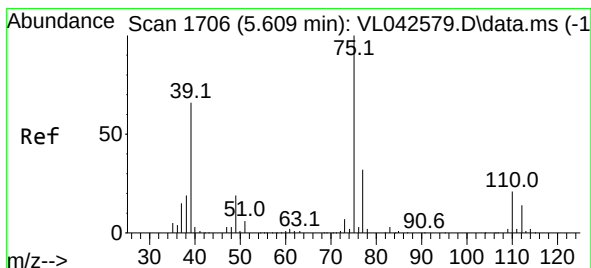
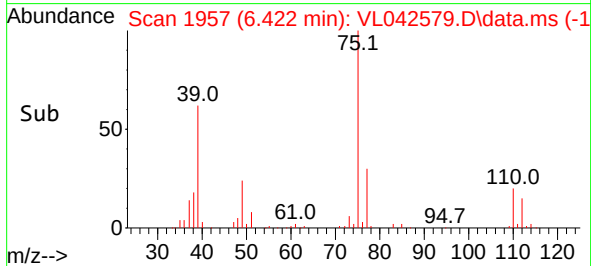
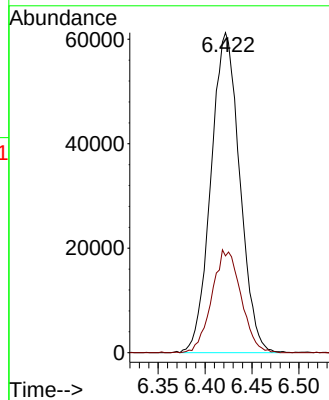
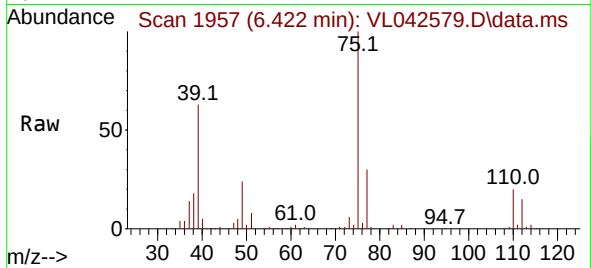
77 30.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#46

cis-1,3-Dichloropropene

Concen: 9.614 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

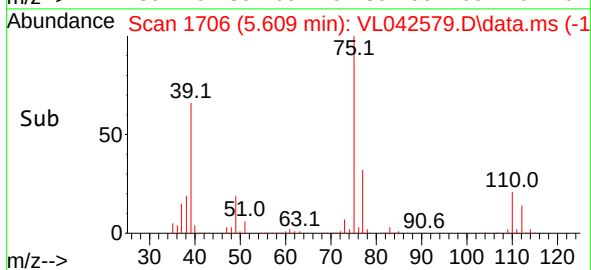
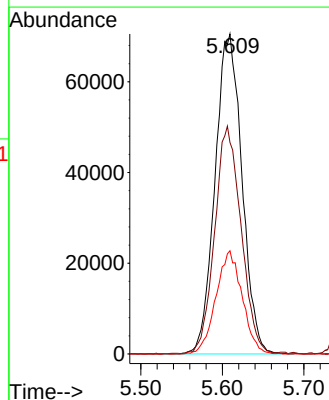
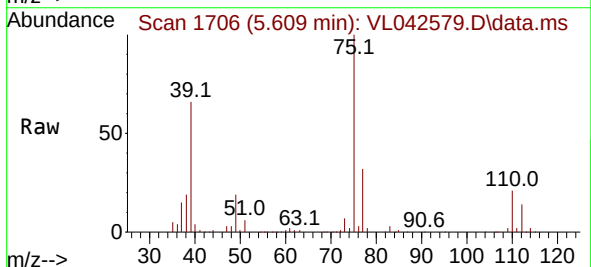
Tgt Ion: 75 Resp: 162155

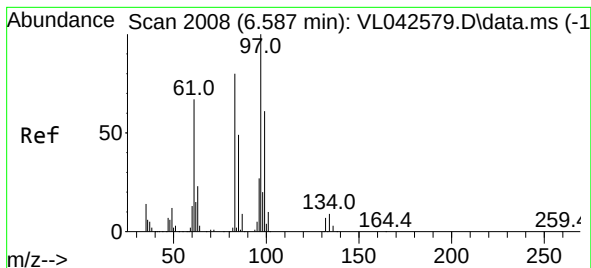
Ion Ratio Lower Upper

75 100

39 65.9 52.7 79.1

77 32.3 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 9.097 ppbv

RT: 6.587 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

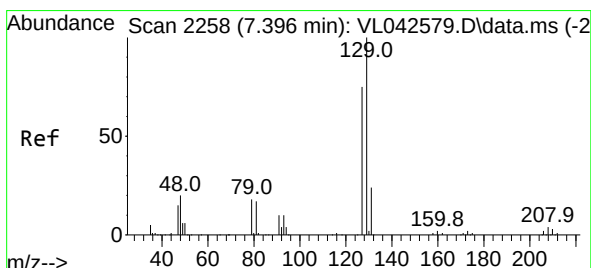
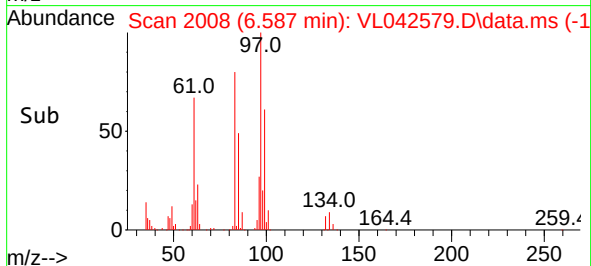
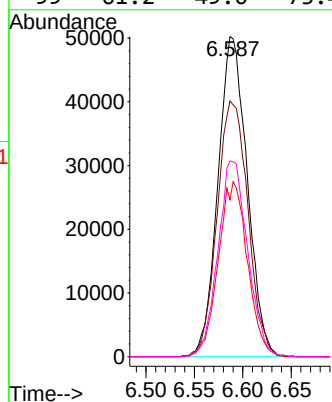
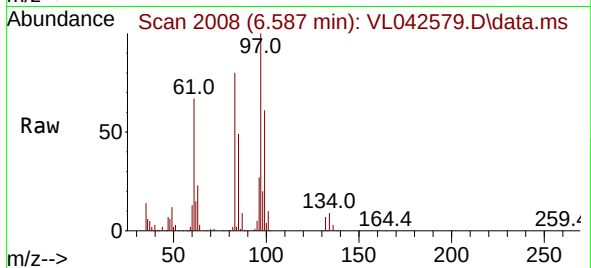
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.9	63.9	95.9
85	49.0	39.2	58.8
99	61.2	49.0	73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48

Dibromochloromethane

Concen: 9.450 ppbv

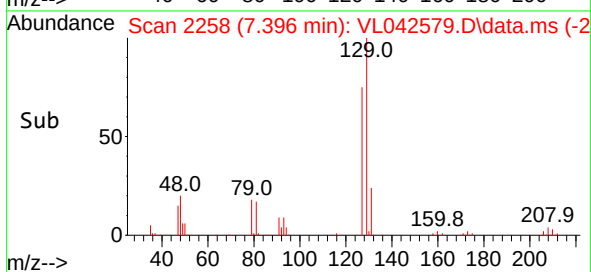
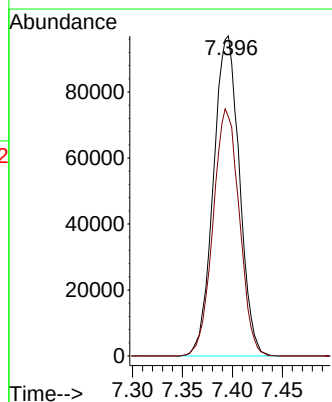
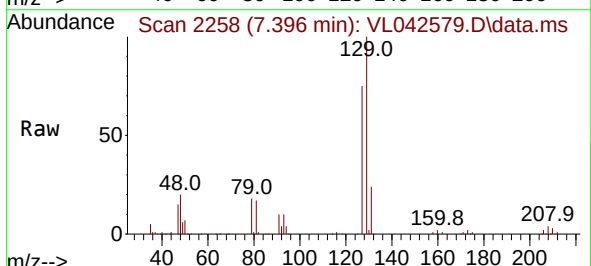
RT: 7.396 min Scan# 2258

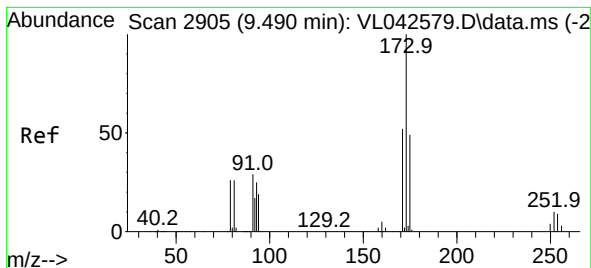
Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.0	116.9





#49

Bromoform

Concen: 9.751 ppbv

RT: 9.490 min Scan# 2905

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

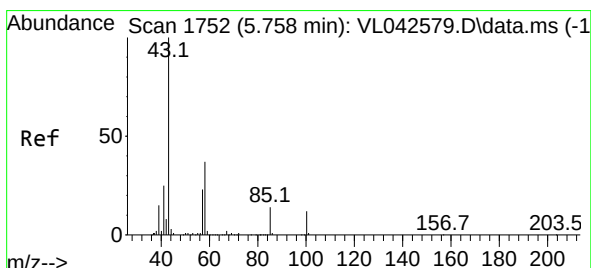
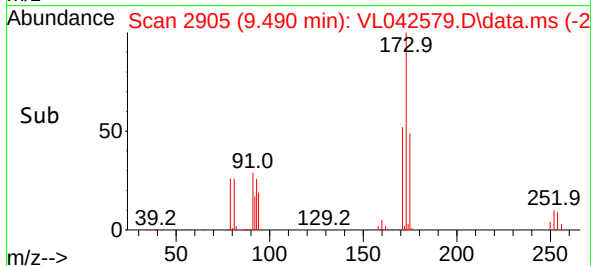
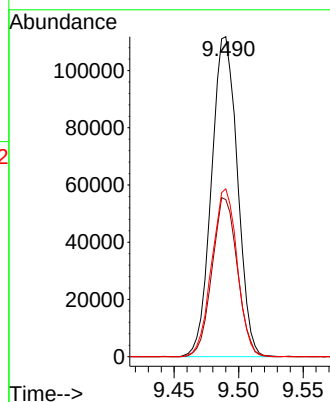
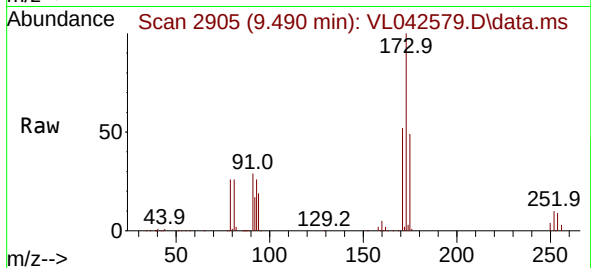
VSTDICCC010

Tgt Ion:	173	Resp:	15631
Ion Ratio	Lower	Upper	
173	100		
175	48.4	38.7	58.1
171	51.5	41.2	61.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#50

4-Methyl-2-Pentanone

Concen: 9.643 ppbv

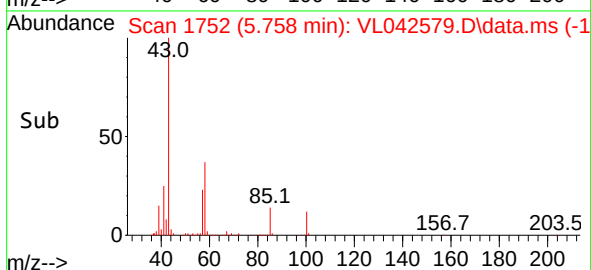
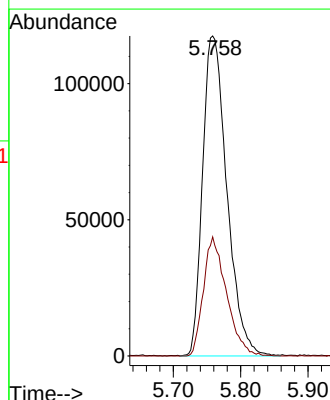
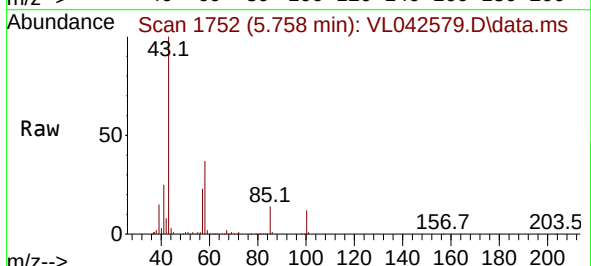
RT: 5.758 min Scan# 1752

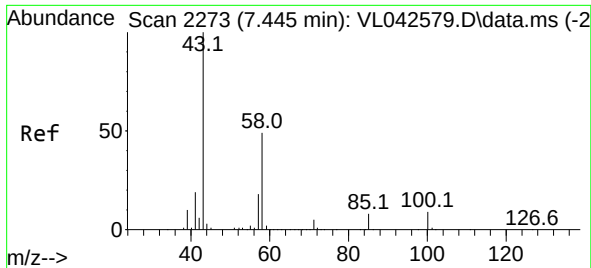
Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Tgt Ion:	43	Resp:	294836
Ion Ratio	Lower	Upper	
43	100		
58	35.4	28.3	42.5





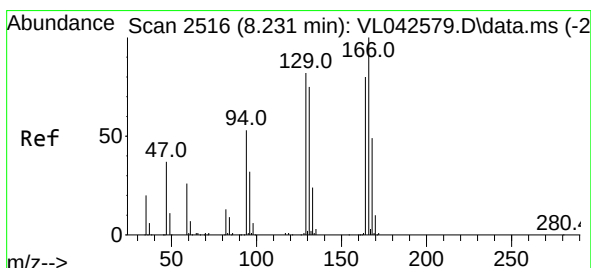
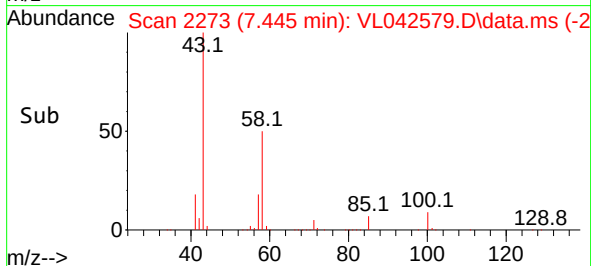
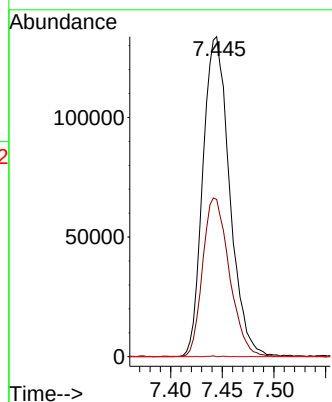
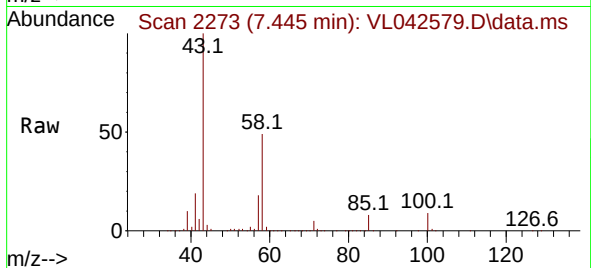
#51
2-Hexanone
Concen: 9.930 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 239820
Ion Ratio Lower Upper
43 100
58 49.9 39.9 59.9
98 0.1 0.1 0.1

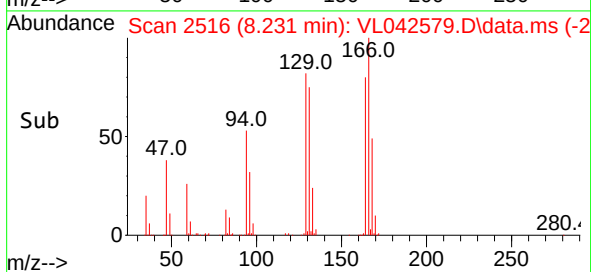
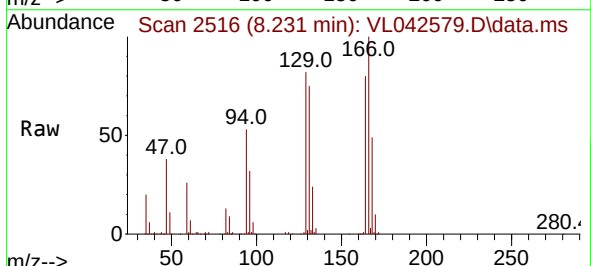
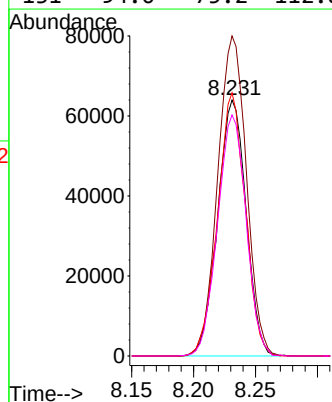
Manual Integrations
APPROVED

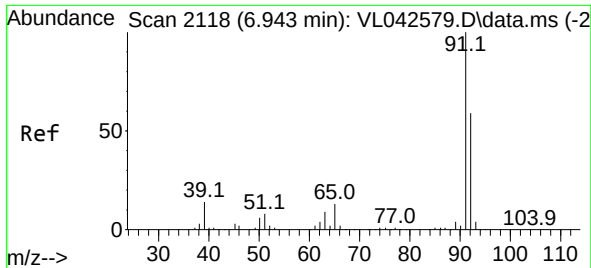
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
Tetrachloroethene
Concen: 9.038 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

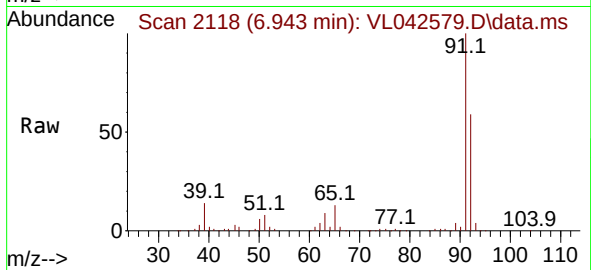
Tgt Ion:164 Resp: 102403
Ion Ratio Lower Upper
164 100
166 125.0 100.0 150.0
129 102.8 82.2 123.4
131 94.0 75.2 112.8





#53
Toluene
Concen: 9.264 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

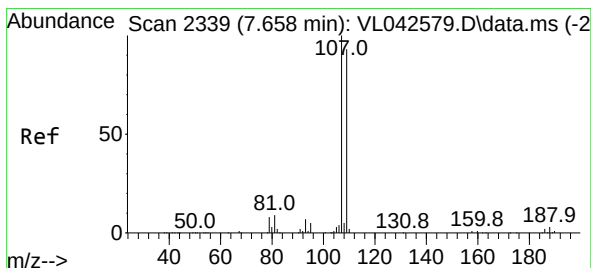
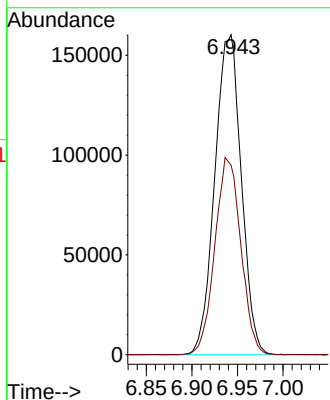
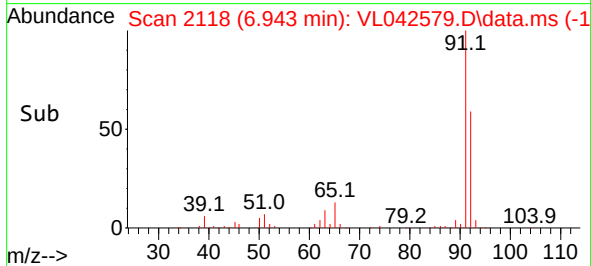
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



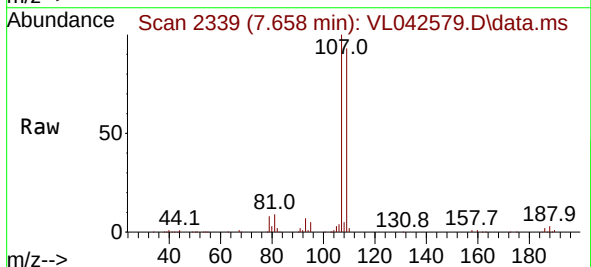
Tgt Ion: 91 Resp: 32460
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4

Manual Integrations
APPROVED

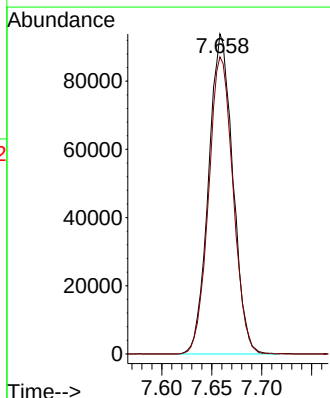
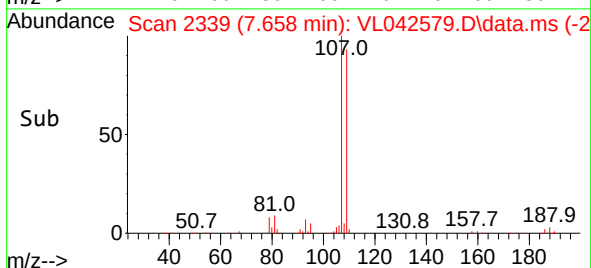
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

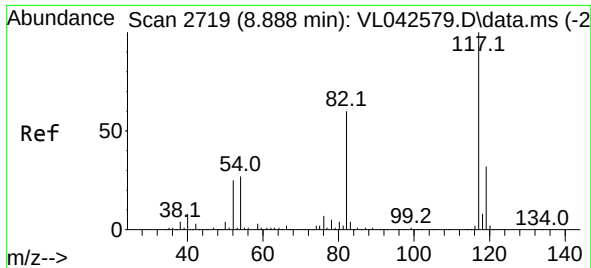


#54
1,2-Dibromoethane
Concen: 9.231 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09



Tgt Ion:107 Resp: 158813
Ion Ratio Lower Upper
107 100
109 92.9 74.3 111.5





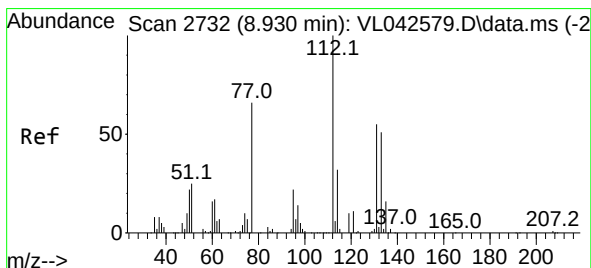
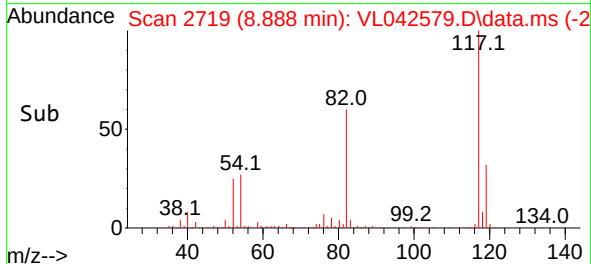
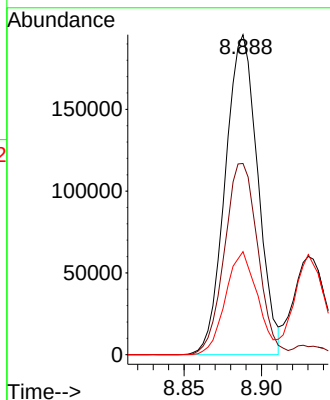
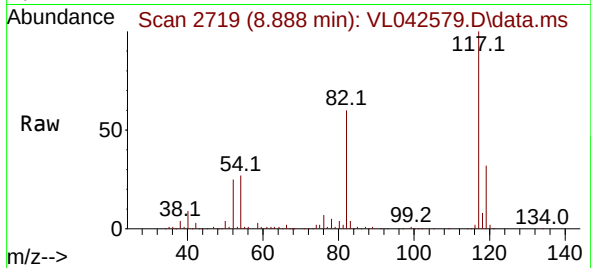
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 285844
Ion Ratio Lower Upper
117 100
82 64.0 51.2 76.8
119 32.9 26.3 39.5

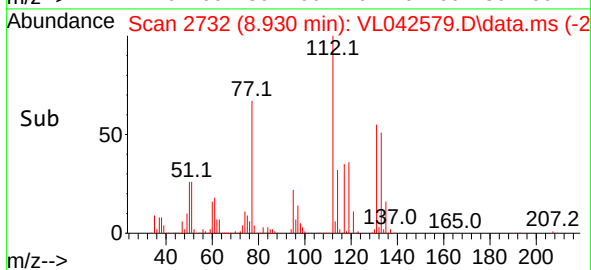
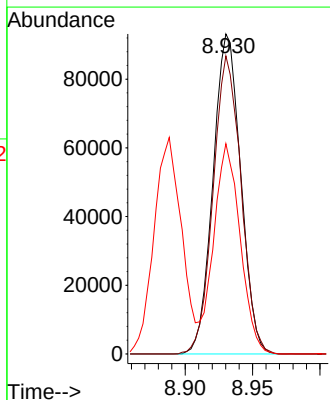
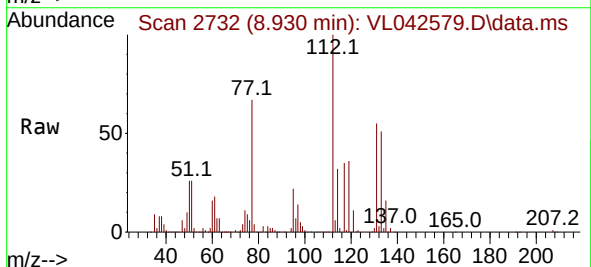
Manual Integrations
APPROVED

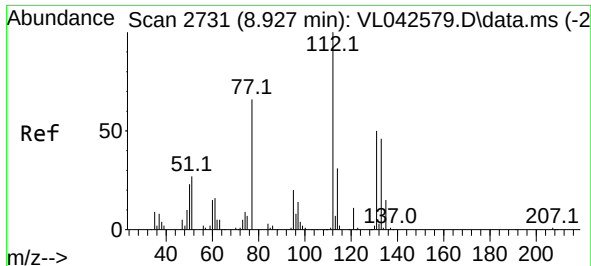
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.279 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion:131 Resp: 133368
Ion Ratio Lower Upper
131 100
133 93.8 75.0 112.6
119 63.5 50.8 76.2





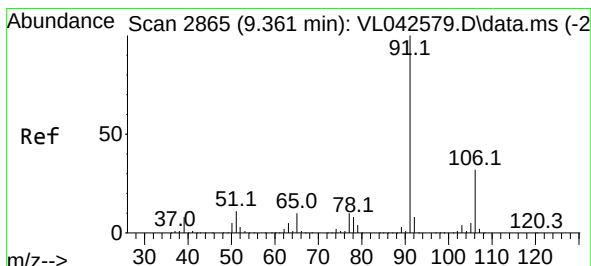
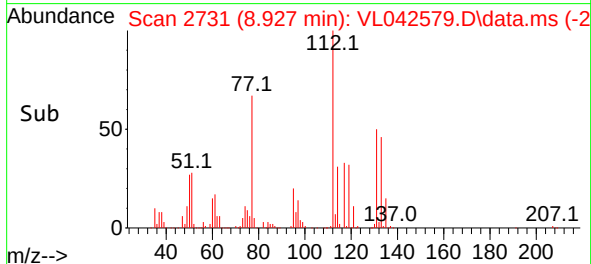
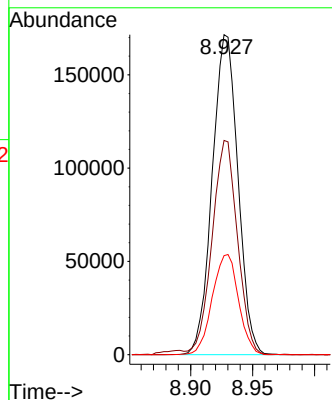
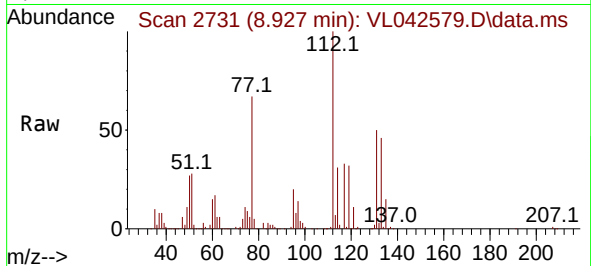
#57
Chlorobenzene
Concen: 8.938 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 112 Resp: 248085
Ion Ratio Lower Upper
112 100
77 66.9 53.5 80.3
114 30.9 27.8 34.0

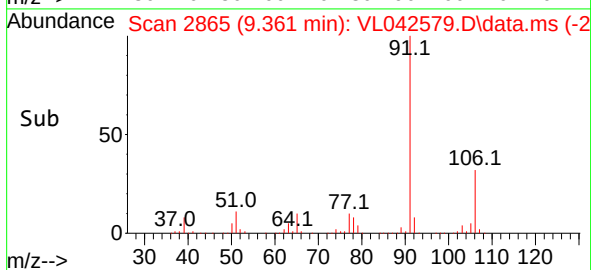
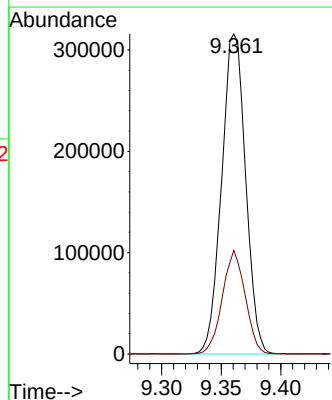
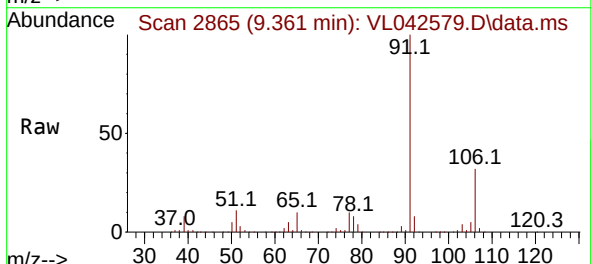
Manual Integrations
APPROVED

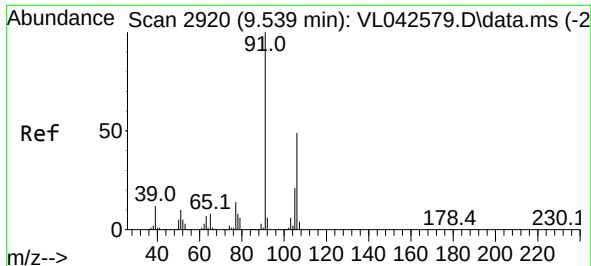
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#58
Ethyl Benzene
Concen: 9.121 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 91 Resp: 442268
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9





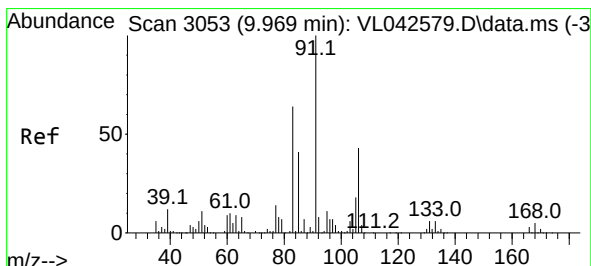
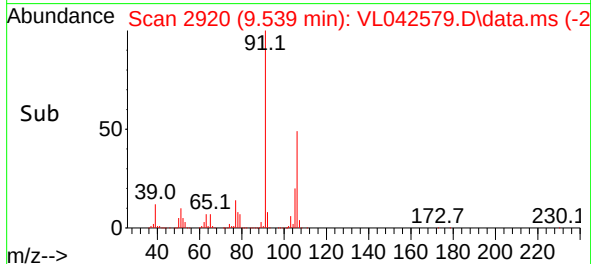
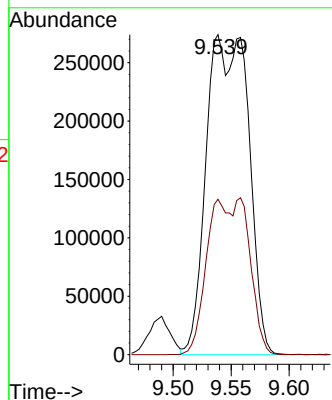
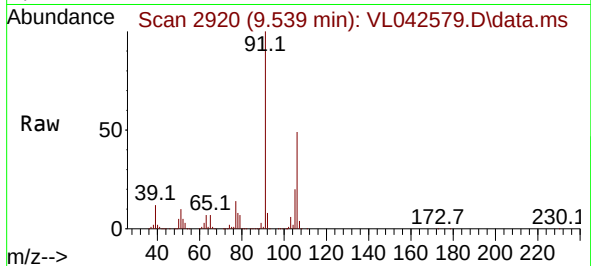
#59
m/p-Xylene
Concen: 18.156 ppbv m
RT: 9.539 min Scan# 2920
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 692934
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2

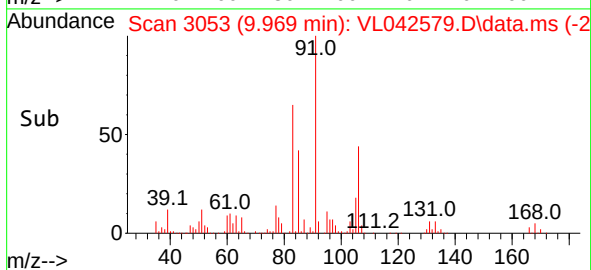
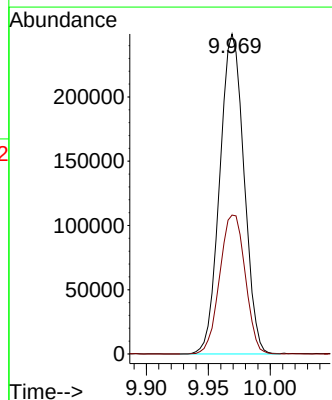
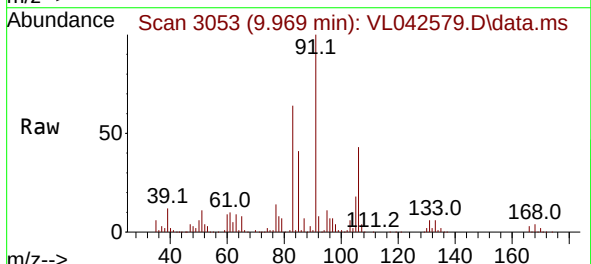
Manual Integrations
APPROVED

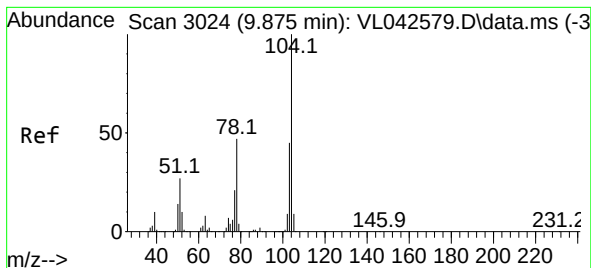
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
o-Xylene
Concen: 8.919 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 91 Resp: 339403
Ion Ratio Lower Upper
91 100
106 45.7 22.9 68.5





#61

Styrene

Concen: 9.374 ppbv

RT: 9.875 min Scan# 3024

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

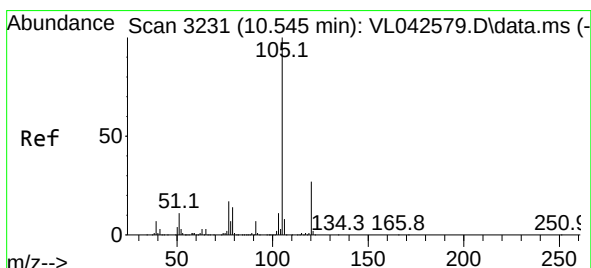
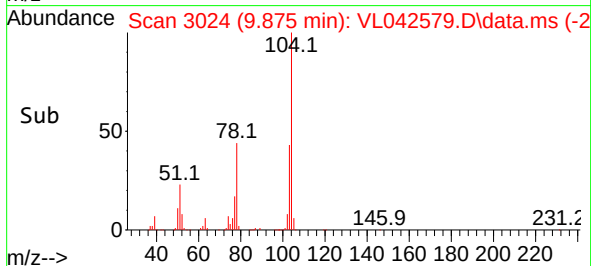
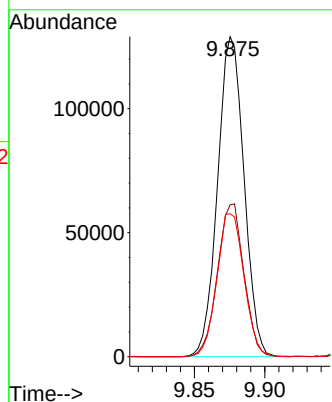
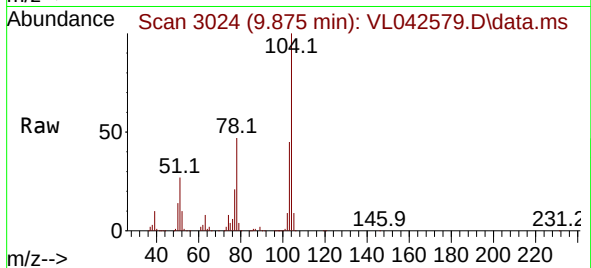
VSTDICCC010

Tgt Ion:104 Resp: 168674
 Ion Ratio Lower Upper
 104 100
 78 47.8 38.2 57.4
 103 45.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#62

Isopropylbenzene

Concen: 9.010 ppbv

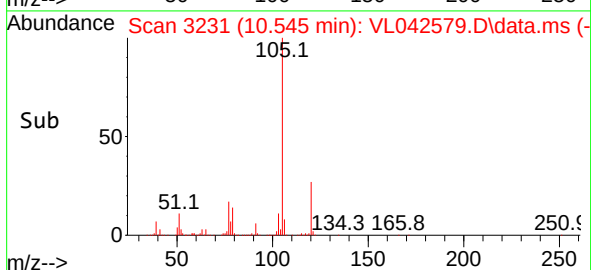
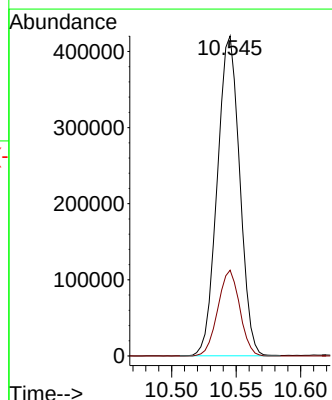
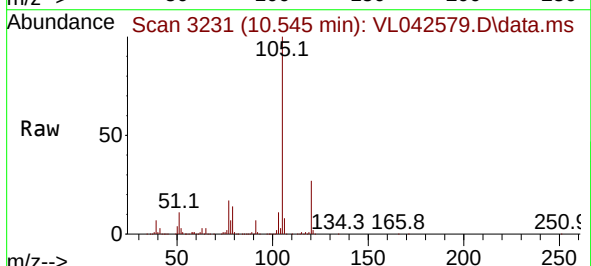
RT: 10.545 min Scan# 3231

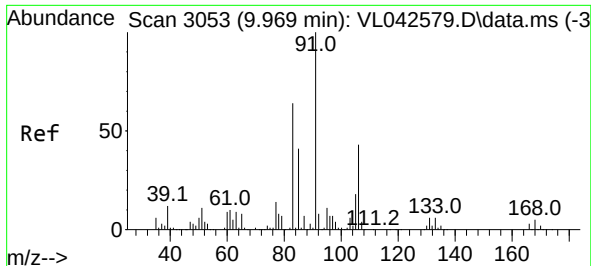
Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

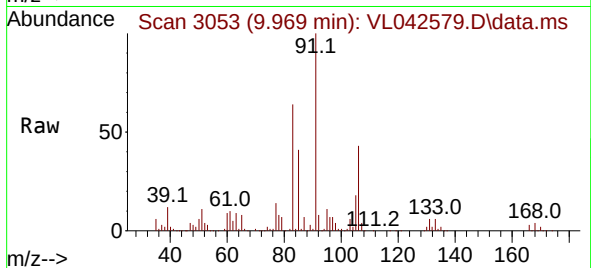
Tgt Ion:105 Resp: 506586
 Ion Ratio Lower Upper
 105 100
 120 26.1 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 8.536 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

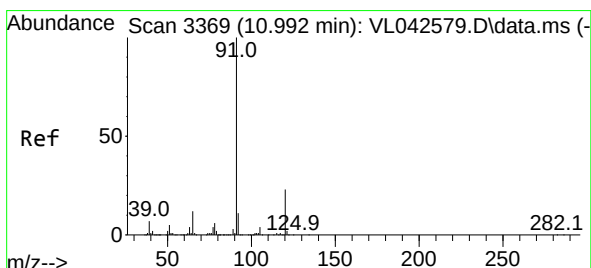
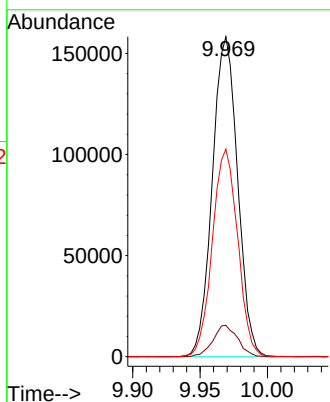
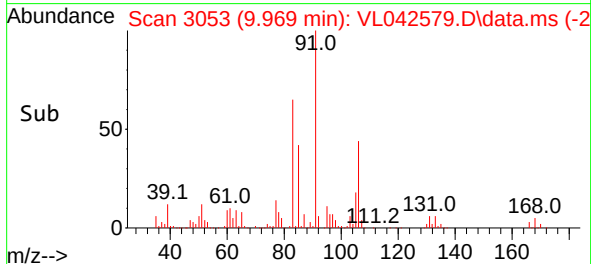
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



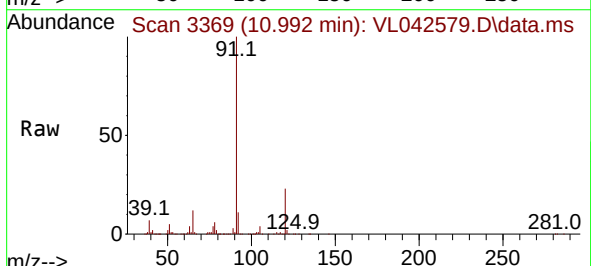
Tgt Ion: 83 Resp: 206564
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.9 32.5 97.4

Manual Integrations
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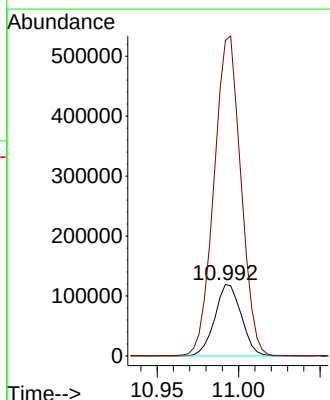
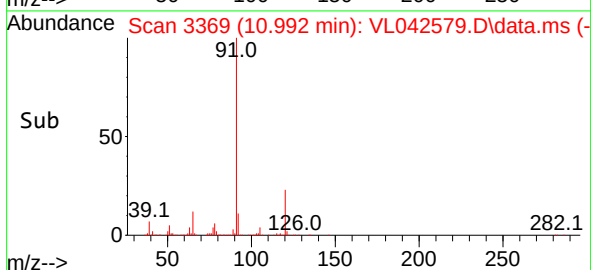
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

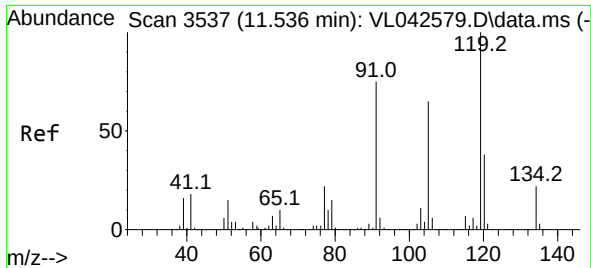


#64
n-propylbenzene
Concen: 8.936 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09



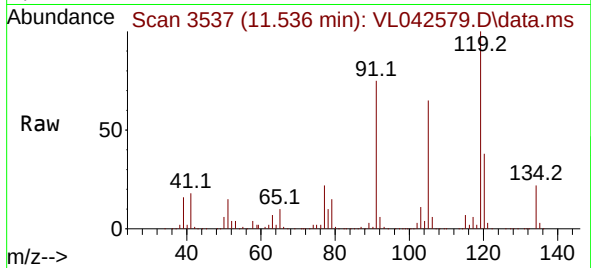
Tgt Ion:120 Resp: 134675
Ion Ratio Lower Upper
120 100
91 455.6 363.0 544.6





#65
tert-Butylbenzene
Concen: 8.833 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

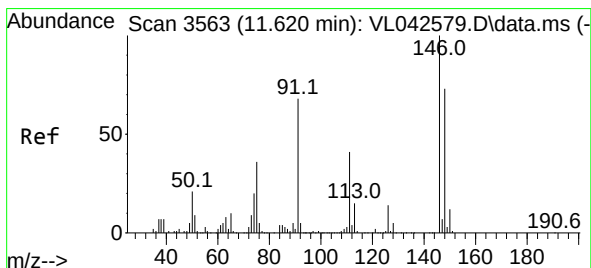
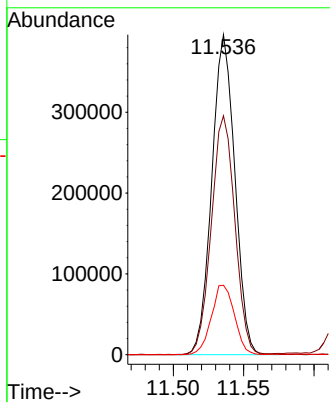
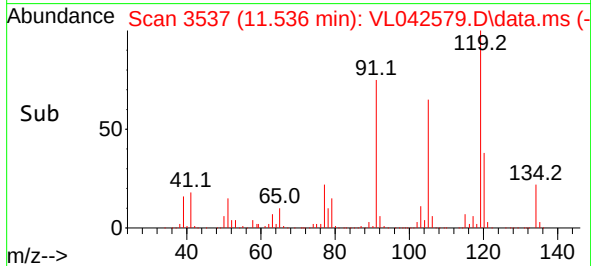
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 119 Resp: 450639
Ion Ratio Lower Upper
119 100
91 76.4 61.1 91.7
134 21.8 17.4 26.2

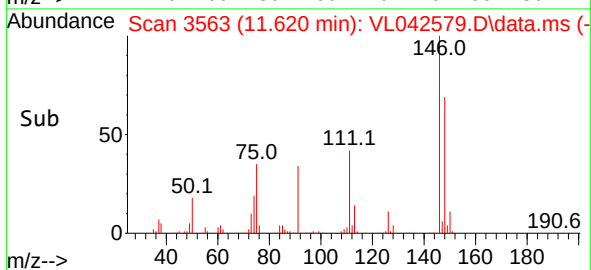
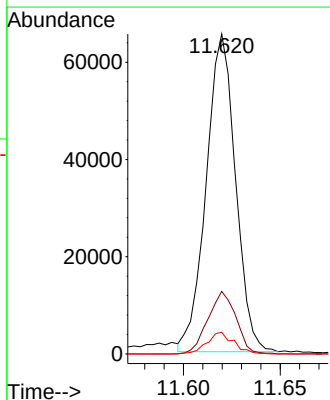
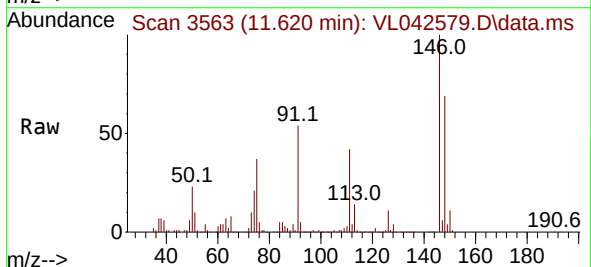
Manual Integrations
APPROVED

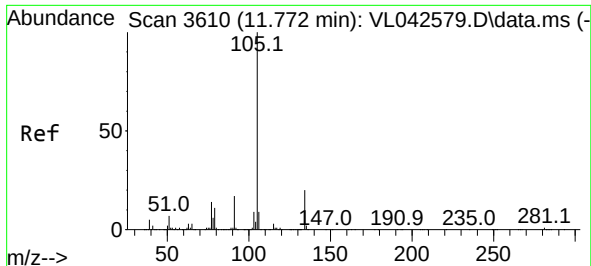
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66
Benzyl Chloride
Concen: 10.457 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

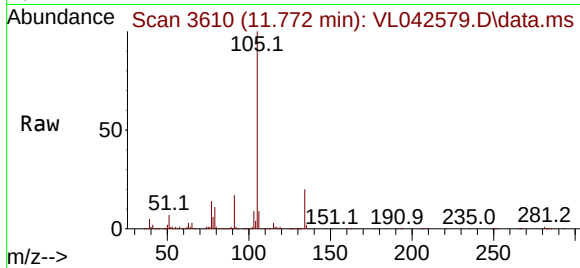
Tgt Ion: 91 Resp: 68801
Ion Ratio Lower Upper
91 100
126 18.9 15.1 22.7
128 6.2 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 8.749 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

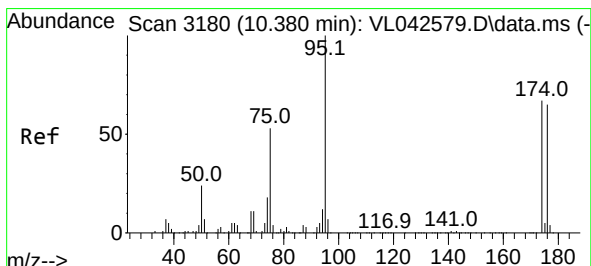
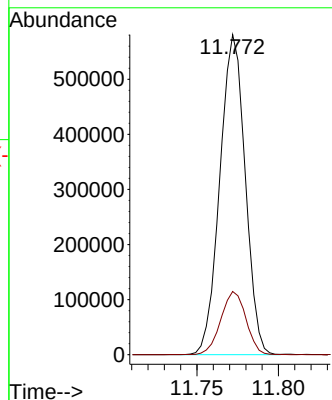
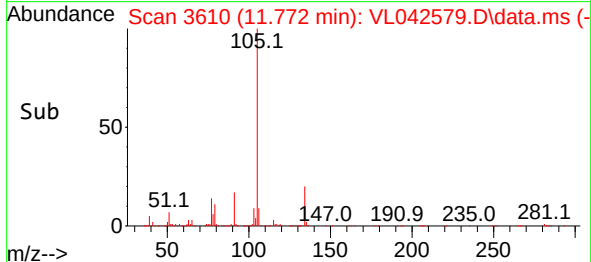
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 105 Resp: 62756
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.8 23.6

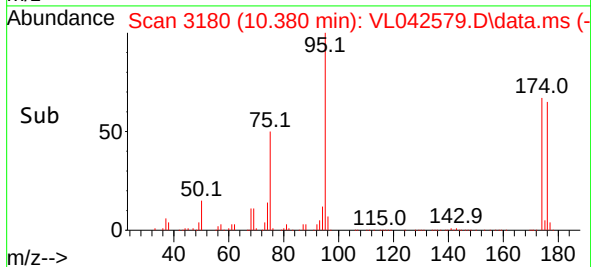
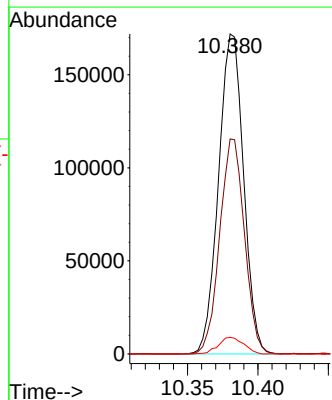
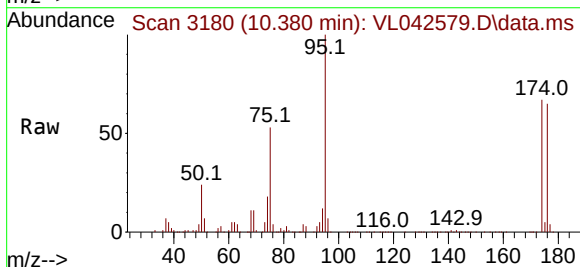
Manual Integrations
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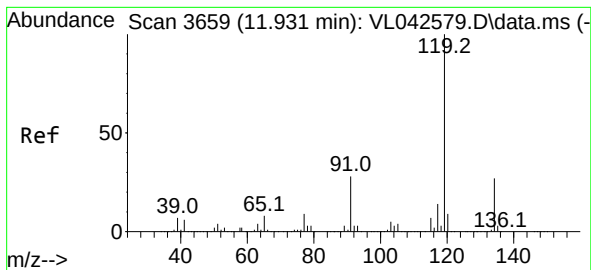
Reviewed By : Semsettin Yesilyurt 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.929 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Tgt Ion: 95 Resp: 212758
 Ion Ratio Lower Upper
 95 100
 174 66.4 53.1 79.7
 175 5.2 4.2 6.2





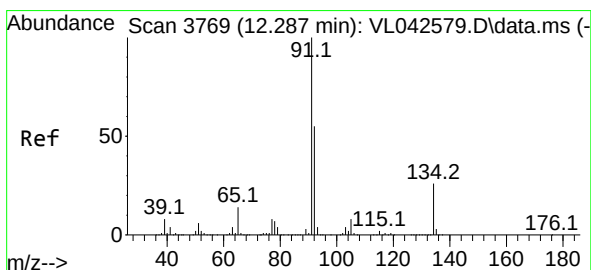
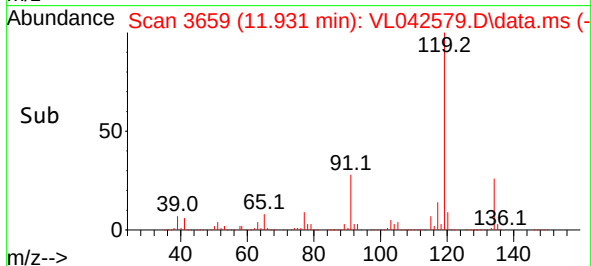
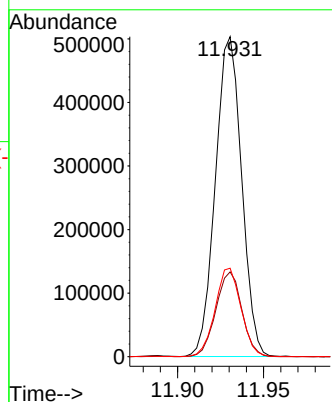
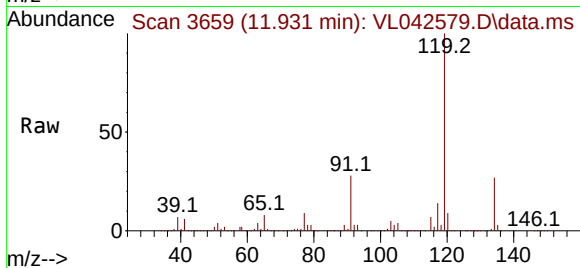
#69
p-Isopropyltoluene
Concen: 8.889 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 53396
Ion Ratio Lower Upper
119 100
134 26.4 21.1 31.7
91 27.5 21.9 32.9

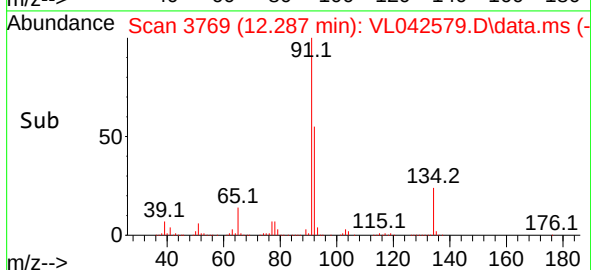
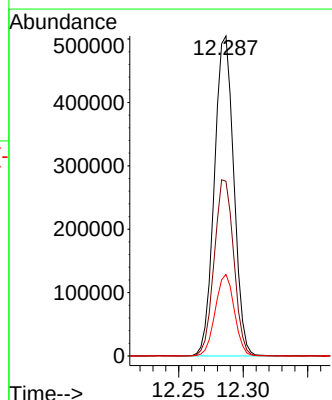
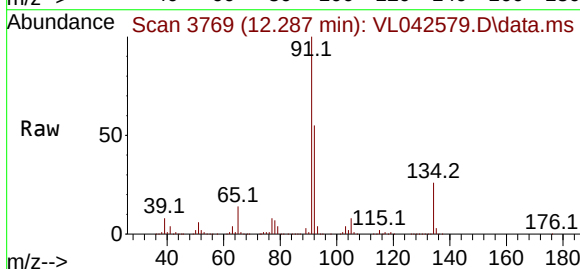
Manual Integrations
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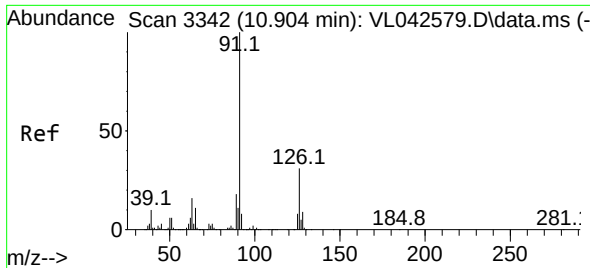
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
n-Butylbenzene
Concen: 8.881 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion: 91 Resp: 526566
Ion Ratio Lower Upper
91 100
92 55.5 44.4 66.6
134 25.1 20.1 30.1





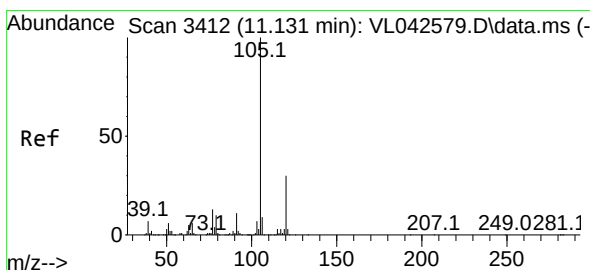
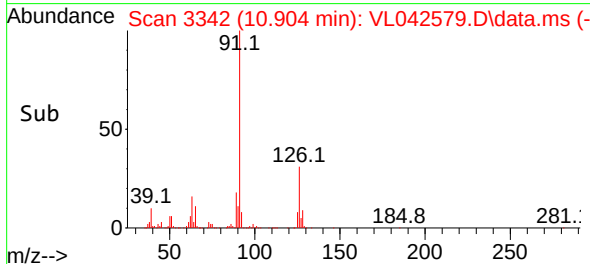
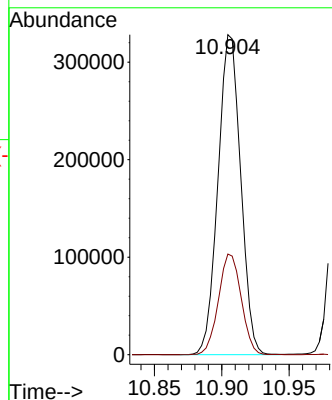
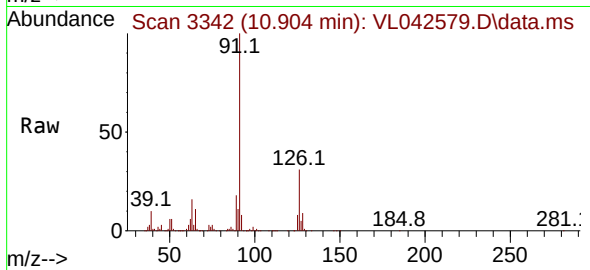
#71
2-Chlorotoluene
Concen: 8.952 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 38388
Ion Ratio Lower Upper
91 100
126 31.5 12.6 50.4

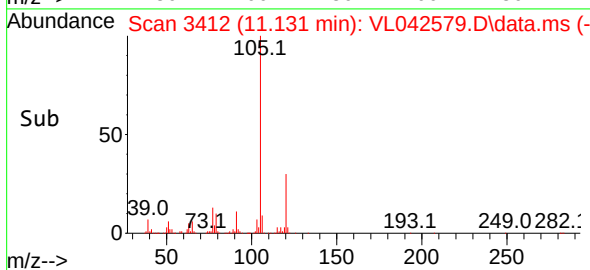
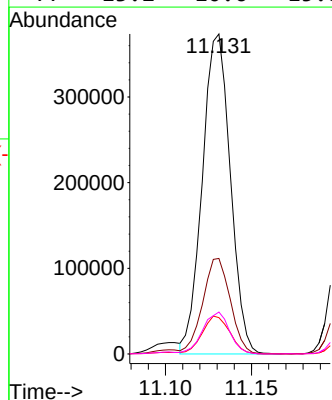
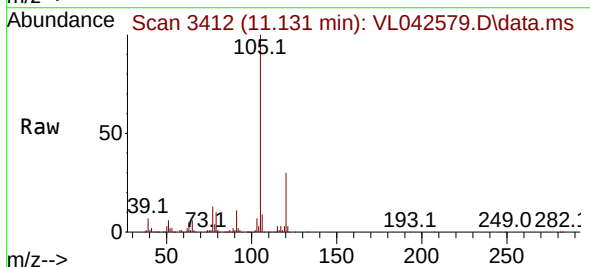
Manual Integrations
APPROVED

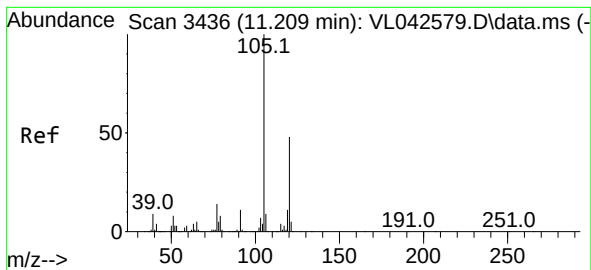
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#72
4-Ethyltoluene
Concen: 8.920 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

Tgt Ion:105 Resp: 423227
Ion Ratio Lower Upper
105 100
120 30.7 24.6 36.8
91 12.0 9.6 14.4
77 13.2 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 8.989 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 352978

Ion Ratio Lower Upper

105 100

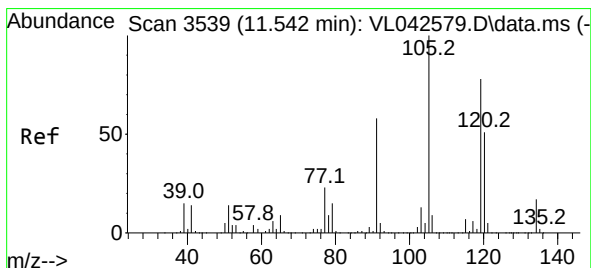
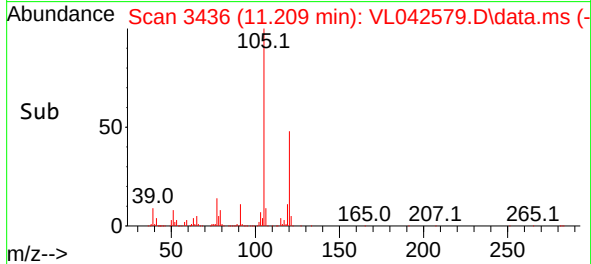
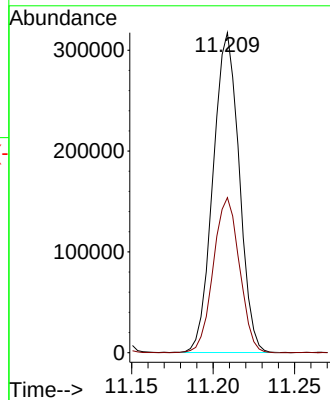
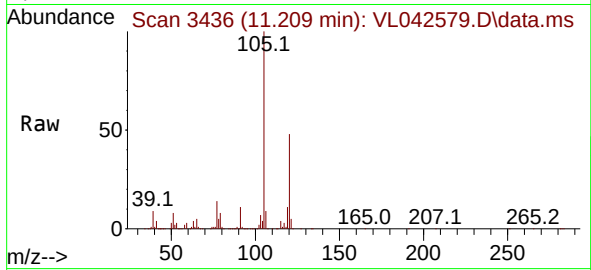
120 48.5 38.8 58.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#74

1,2,4-Trimethylbenzene

Concen: 8.755 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Tgt Ion:105 Resp: 381512

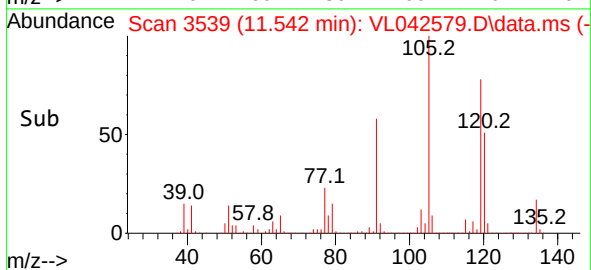
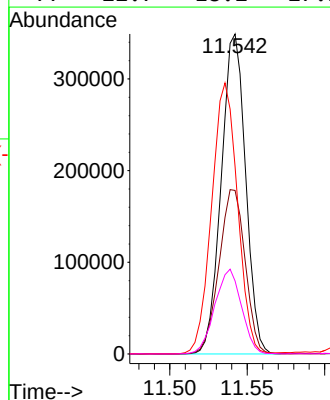
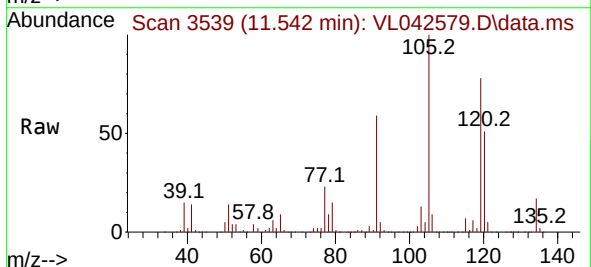
Ion Ratio Lower Upper

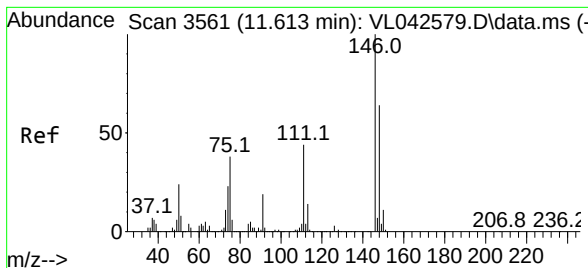
105 100

120 51.0 40.8 61.2

91 58.5 46.8 70.2

77 22.7 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 8.762 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

Instrument :

MSVOA_L

ClientSampleId :

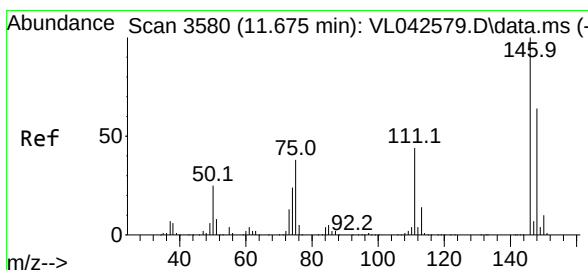
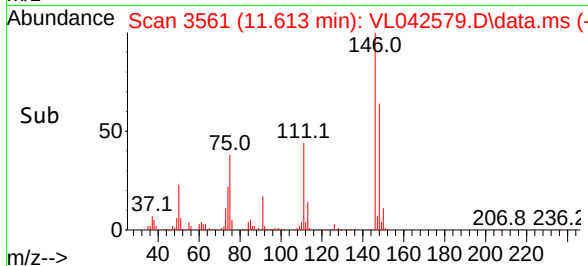
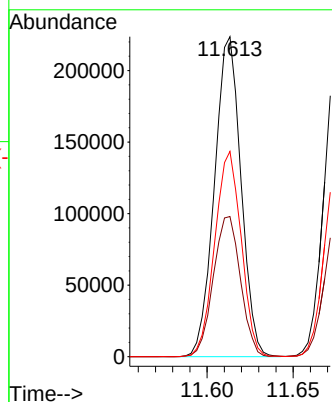
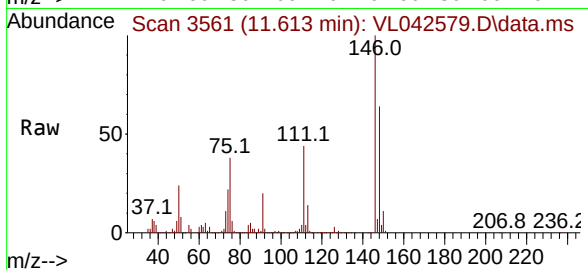
VSTDICCC010

Tgt Ion:146 Resp: 239782
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.4 67.3
 148 64.1 32.0 96.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#76

1,4-Dichlorobenzene

Concen: 8.894 ppbv

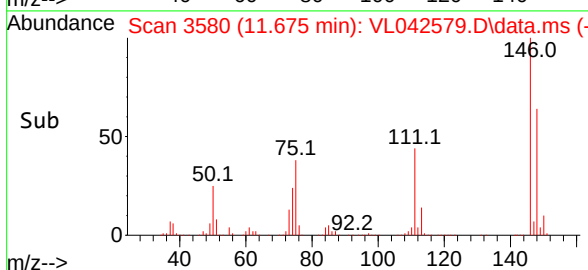
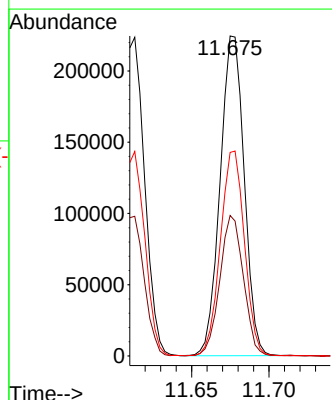
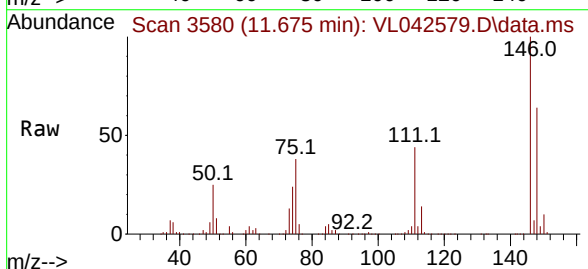
RT: 11.675 min Scan# 3580

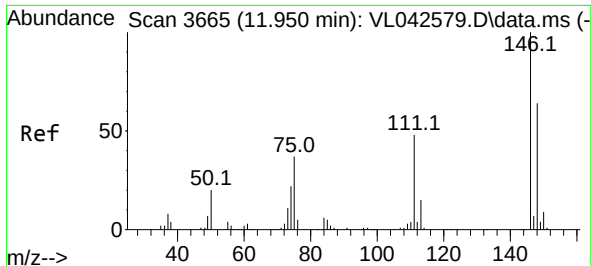
Delta R.T. 0.000 min

Lab File: VL042579.D

Acq: 29 May 2025 11:09

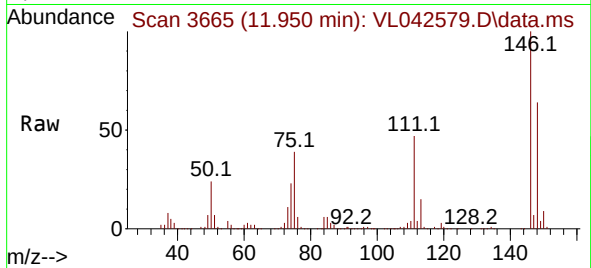
Tgt Ion:146 Resp: 242731
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.8
 148 64.4 32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 8.593 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

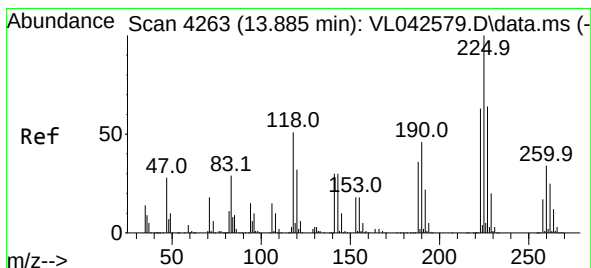
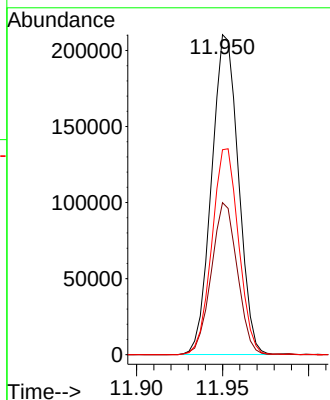
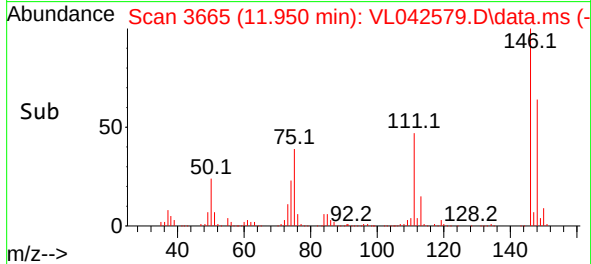
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



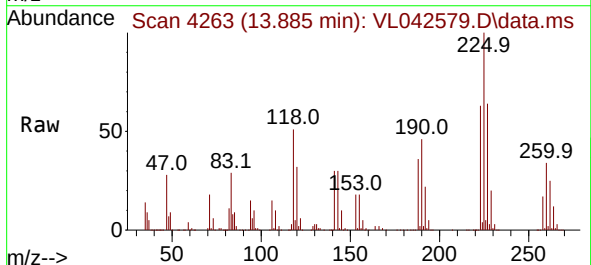
Tgt Ion:146 Resp: 22822
Ion Ratio Lower Upper
146 100
111 46.1 23.1 69.3
148 64.2 32.1 96.3

Manual Integrations
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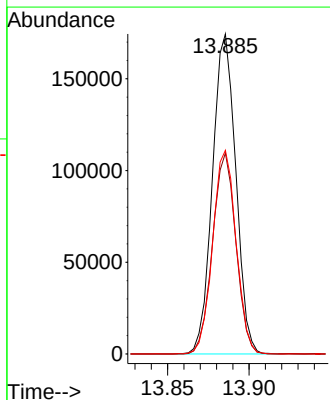
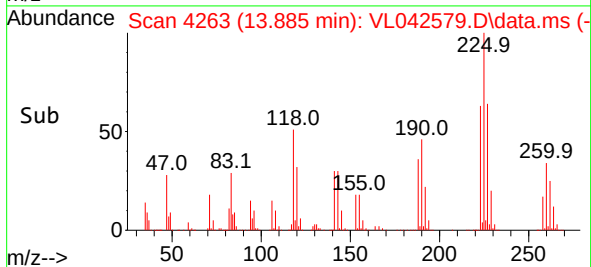
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

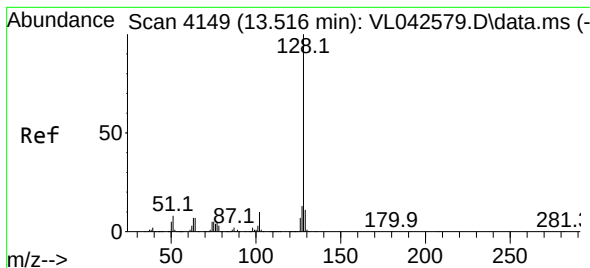


#78
Hexachloro-1,3-Butadiene
Concen: 7.893 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09



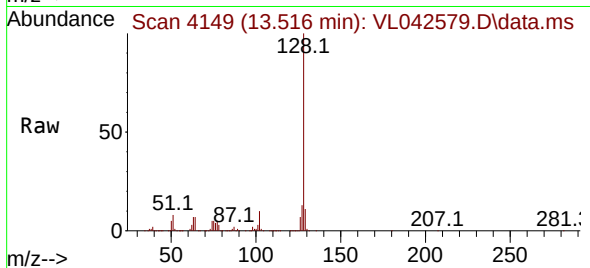
Tgt Ion:225 Resp: 173447
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.4
227 63.9 51.1 76.7





#79
Naphthalene
Concen: 9.666 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09

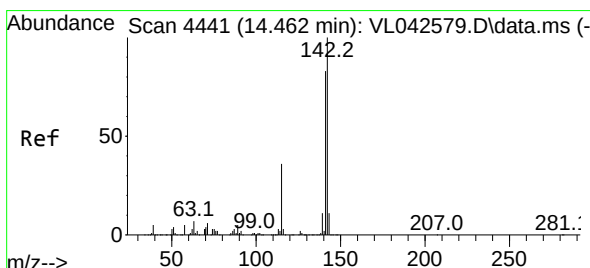
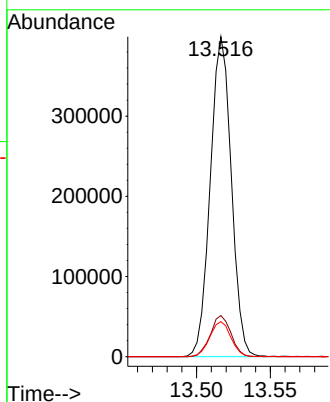
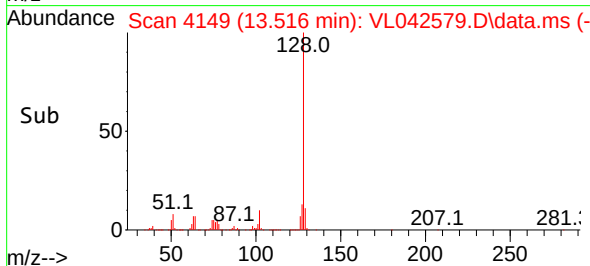
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



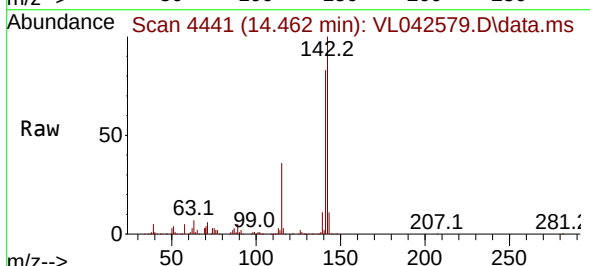
Tgt Ion:128 Resp: 395465
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2

Manual Integrations
APPROVED

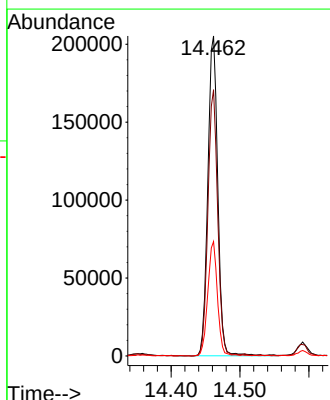
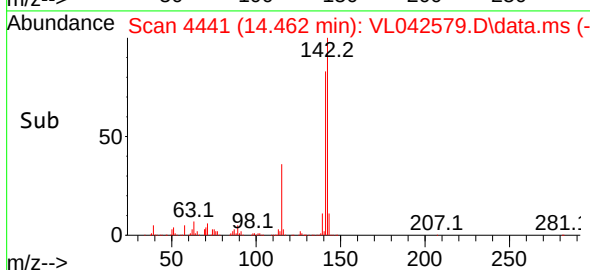
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

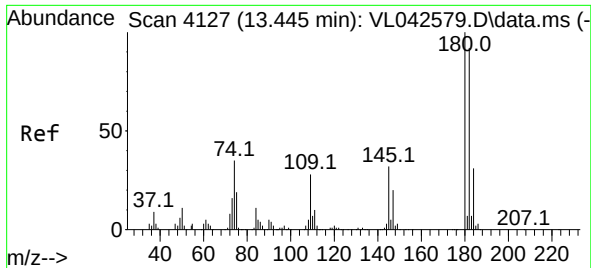


#80
Naphthalene,2-methyl-
Concen: 11.045 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.000 min
Lab File: VL042579.D
Acq: 29 May 2025 11:09



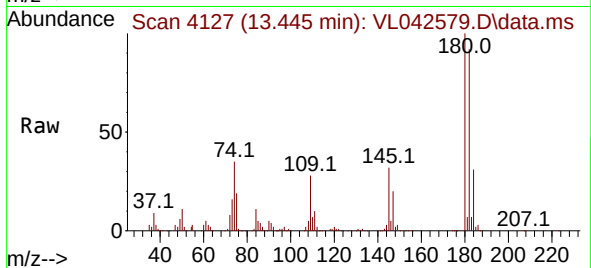
Tgt Ion:142 Resp: 204746
Ion Ratio Lower Upper
142 100
141 82.6 66.2 99.4
115 35.3 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 9.163 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042579.D
 Acq: 29 May 2025 11:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 210120
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.0 112.4
 184 30.7 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

