

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042582.D
 Acq On : 29 May 2025 12:47
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: May 30 01:19:18 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	2.790	49	102909	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	304613	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	276104	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	208325	10.065	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.499	85	6470	0.512	ppbv	98
3) Chlorodifluoromethane	1.476	51	9678	0.556	ppbv	96
4) Chloromethane	1.531	50	2584	0.516	ppbv	97
5) Vinyl Chloride	1.580	62	2721	0.533	ppbv	96
6) Bromomethane	1.667	94	1594	0.642	ppbv #	74
7) Chloroethane	1.706	64	1099	0.554	ppbv	90
8) Dichlorotetrafluoroethane	1.554	85	5655	0.537	ppbv	97
9) Propene	1.483	41	3653	0.521	ppbv	87
10) Heptane	4.988	43	10697	0.540	ppbv	98
11) Trichlorofluoromethane	1.878	101	6138	0.522	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.140	101	4647	0.503	ppbv	89
13) Ethanol	1.722	45	586m	0.748	ppbv	
14) Bromoethene	1.781	108	1849	0.532	ppbv #	84
15) Acetone	1.836	43	7225	0.583	ppbv	95
16) 1,3-Butadiene	1.609	39	3340	0.569	ppbv	89
17) tert-Butyl alcohol	2.046	59	6877	0.533	ppbv #	92
18) 1,1-Dichloroethene	2.036	96	2319	0.539	ppbv #	73
19) Isopropyl Alcohol	1.887	45	4245	0.573	ppbv #	44
20) Methylene Chloride	2.062	84	2435	0.595	ppbv	93
21) Allyl Chloride	2.098	41	4754	0.544	ppbv	96
22) trans-1,2-Dichloroethene	2.341	96	2553	0.532	ppbv	93
23) Vinyl Acetate	2.464	43	9005	0.537	ppbv #	86
24) 1,1-Dichloroethane	2.409	63	5127	0.521	ppbv #	89
25) Ethyl Acetate	2.842	43	17990	0.530	ppbv	98
26) Hexane	2.826	57	8694	0.564	ppbv	96
27) Carbon Disulfide	2.153	76	6043	0.511	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	3416	0.546	ppbv #	81
29) Chloroform	2.849	83	10798	0.539	ppbv	98
30) Cyclohexane	3.855	84	6784m	0.531	ppbv	
31) cis-1,2-Dichloroethene	2.722	61	7302	0.518	ppbv	97
32) 1,1,1-Trichloroethane	3.367	97	10309	0.513	ppbv	98
34) 2-Butanone	2.564	43	11569	0.533	ppbv	99
35) Carbon Tetrachloride	3.761	117	10126	0.503	ppbv	92
36) Benzene	3.661	78	16000	0.533	ppbv	95
37) 1,2-Dichloroethane	3.224	62	7883	0.529	ppbv	98
38) Trichloroethene	4.554	130	7126	0.555	ppbv	92
39) 1,2-Dichloropropane	4.318	63	6317m	0.570	ppbv	
40) 1,4-Dioxane	4.609	88	2618m	0.555	ppbv	
41) Tetrahydrofuran	3.066	42	6775	0.533	ppbv	96
42) Bromodichloromethane	4.490	83	10688	0.505	ppbv	94
43) Methyl Methacrylate	4.888	69	6056	0.521	ppbv	96
44) 2,2,4-Trimethylpentane	4.645	57	27584	0.538	ppbv	96
45) t-1,3-Dichloropropene	6.422	75	6598	0.495	ppbv	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
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 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

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

Quant Time: May 30 01:19:18 2025

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

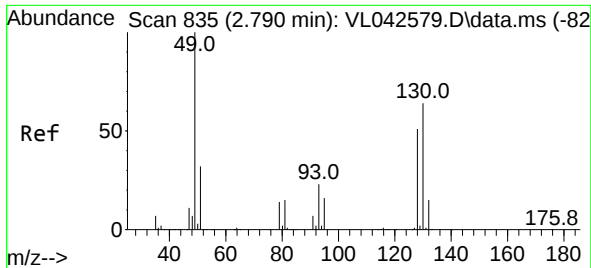
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	8637m	0.518	ppbv	
47) 1,1,2-Trichloroethane	6.584	97	6189m	0.539	ppbv	
48) Dibromochloromethane	7.399	129	9133m	0.497	ppbv	
49) Bromoform	9.484	173	7974	0.503	ppbv	98
50) 4-Methyl-2-Pentanone	5.771	43	15782m	0.522	ppbv	
51) 2-Hexanone	7.451	43	11458	0.479	ppbv #	98
52) Tetrachloroethene	8.231	164	5950	0.531	ppbv	87
53) Toluene	6.940	91	18429	0.532	ppbv	100
54) 1,2-Dibromoethane	7.655	107	8810	0.518	ppbv	82
56) 1,1,1,2-Tetrachloroethane	8.934	131	7178	0.517	ppbv	89
57) Chlorobenzene	8.930	112	14920	0.557	ppbv	89
58) Ethyl Benzene	9.358	91	24442	0.522	ppbv	88
59) m/p-Xylene	9.555	91	38955m	1.057	ppbv	
60) o-Xylene	9.966	91	19745	0.537	ppbv	99
61) Styrene	9.875	104	8639	0.497	ppbv	99
62) Isopropylbenzene	10.545	105	28442	0.524	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	12137	0.519	ppbv	97
64) n-propylbenzene	10.995	120	7993	0.549	ppbv	97
65) tert-Butylbenzene	11.533	119	26856	0.545	ppbv	99
66) Benzyl Chloride	11.614	91	2753m	0.433	ppbv	
67) sec-Butylbenzene	11.769	105	37899	0.547	ppbv	98
69) p-Isopropyltoluene	11.931	119	30931	0.533	ppbv	99
70) n-Butylbenzene	12.284	91	29130	0.509	ppbv	98
71) 2-Chlorotoluene	10.905	91	22135	0.534	ppbv	100
72) 4-Ethyltoluene	11.128	105	23521	0.513	ppbv	97
73) 1,3,5-Trimethylbenzene	11.206	105	19891	0.524	ppbv	86
74) 1,2,4-Trimethylbenzene	11.536	105	22635	0.538	ppbv #	83
75) 1,3-Dichlorobenzene	11.610	146	14232	0.538	ppbv	98
76) 1,4-Dichlorobenzene	11.675	146	13773	0.522	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	14062	0.548	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	12036	0.567	ppbv	97
79) Naphthalene	13.517	128	18853	0.477	ppbv	96
80) Naphthalene,2-methyl-	14.462	142	6126	0.342	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	9879	0.446	ppbv	99

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

Manual Integrations APPROVED

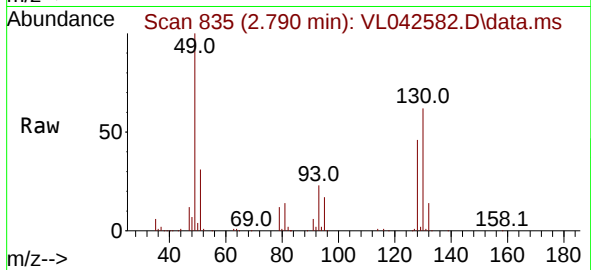
Quant Time: May 30 01:19:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri May 30 01:15:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

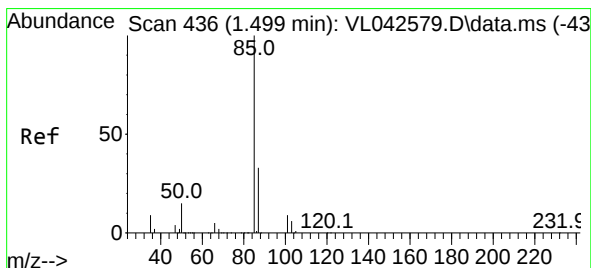
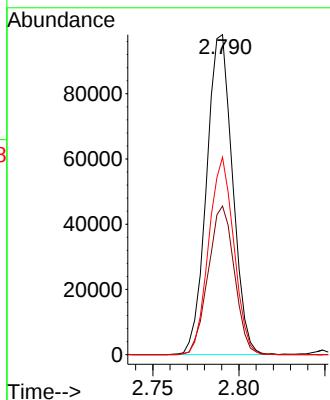
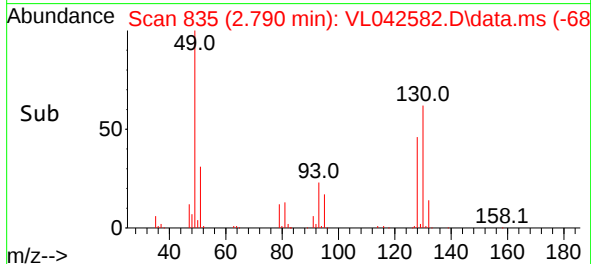
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 102909
Ion Ratio Lower Upper
49 100
128 46.9 24.2 72.6
130 59.7 30.4 91.2

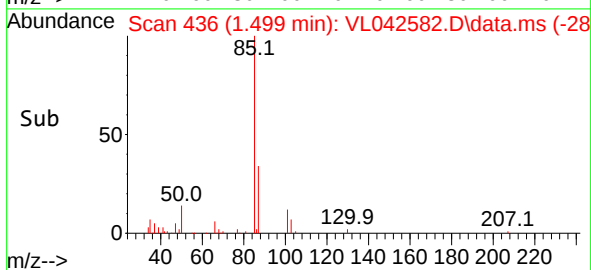
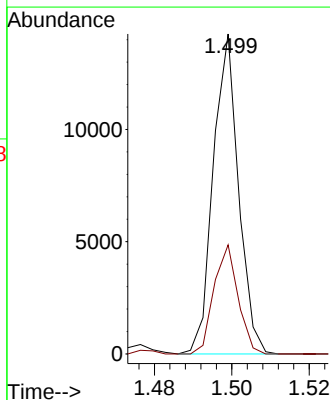
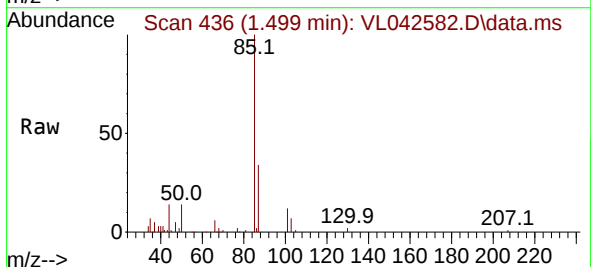
Manual Integrations
APPROVED

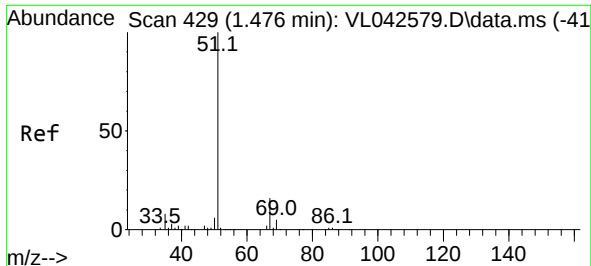
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 0.512 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

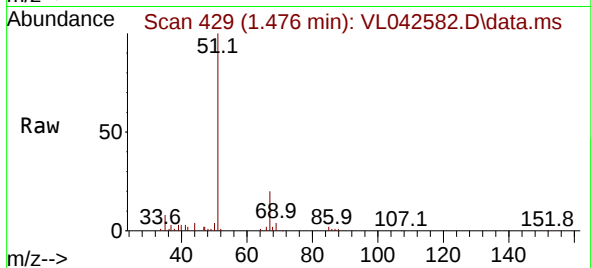
Tgt Ion: 85 Resp: 6470
Ion Ratio Lower Upper
85 100
87 34.1 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.556 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

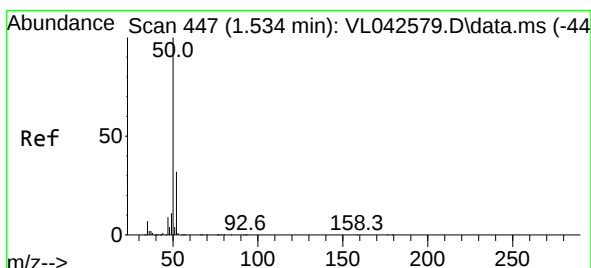
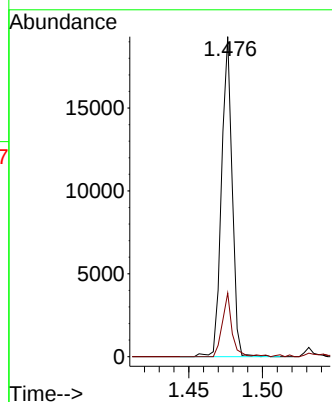
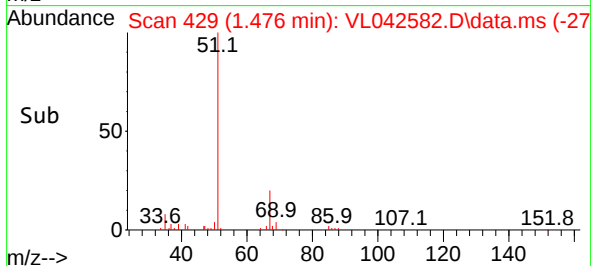
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



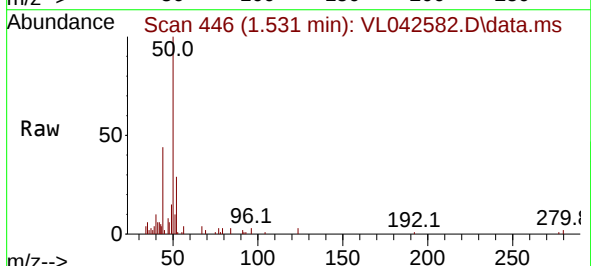
Tgt Ion: 51 Resp: 9678
Ion Ratio Lower Upper
51 100
67 18.4 13.4 20.2

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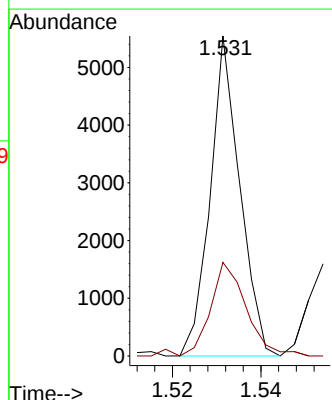
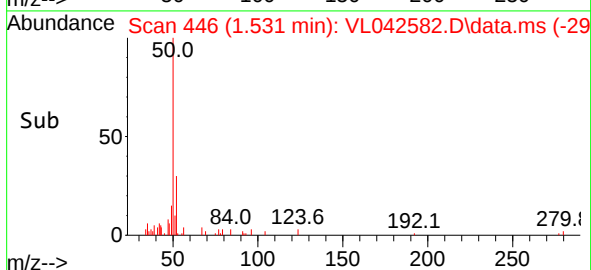
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

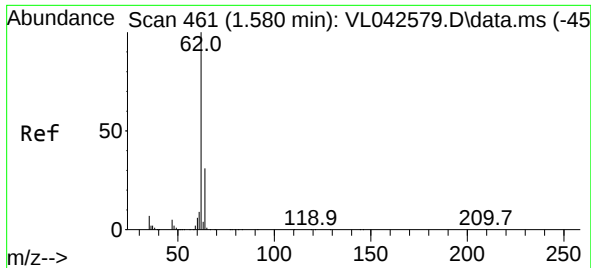


#4
Chloromethane
Concen: 0.516 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



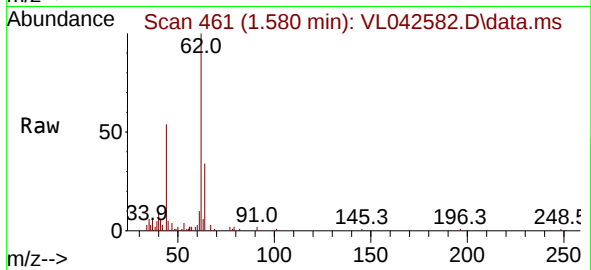
Tgt Ion: 50 Resp: 2584
Ion Ratio Lower Upper
50 100
52 30.5 25.8 38.6





#5
 Vinyl Chloride
 Concen: 0.533 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

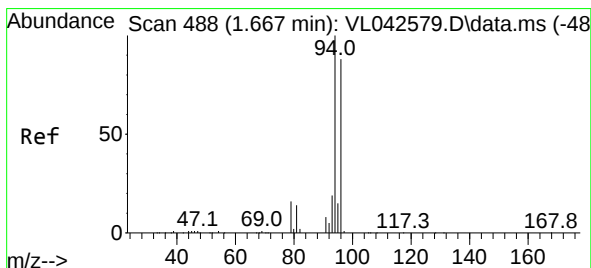
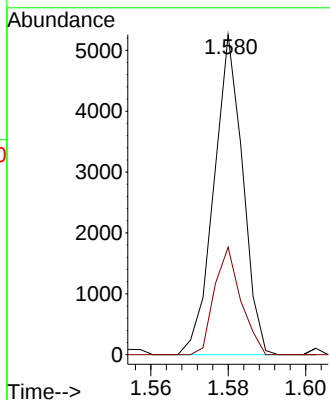
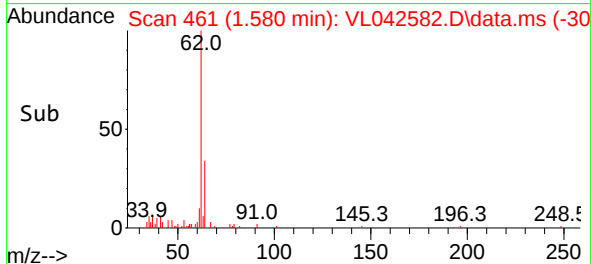
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



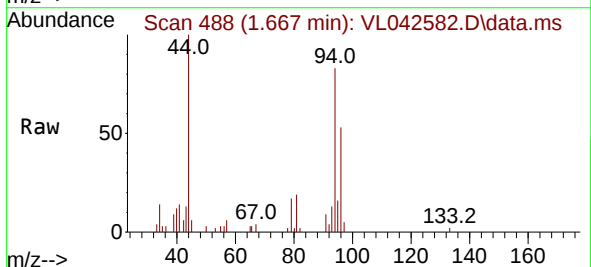
Tgt Ion: 62 Resp: 272
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.9 37.3

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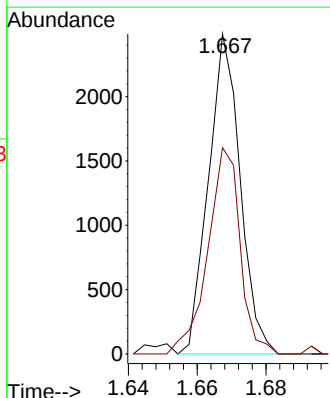
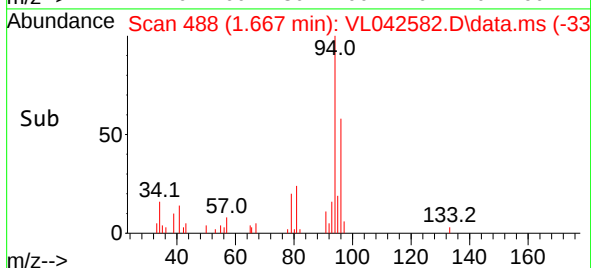
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

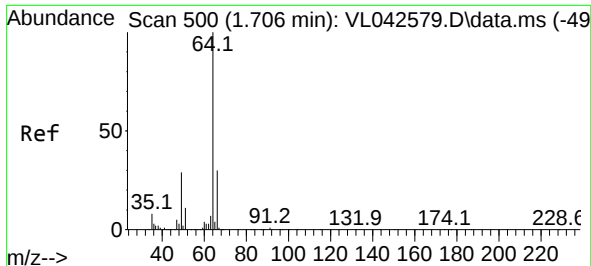


#6
 Bromomethane
 Concen: 0.642 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47



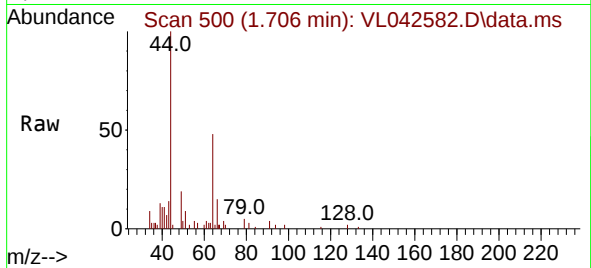
Tgt Ion: 94 Resp: 1594
 Ion Ratio Lower Upper
 94 100
 96 64.5 70.7 106.1#





#7
Chloroethane
Concen: 0.554 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

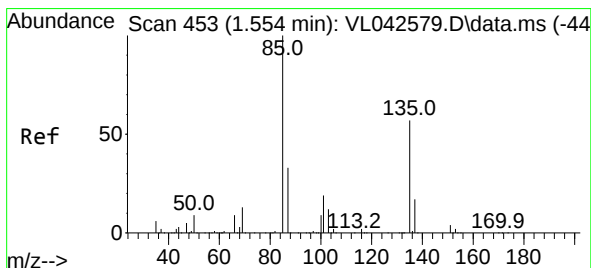
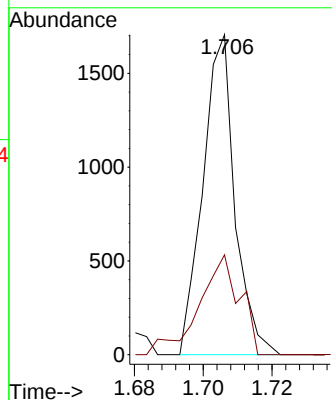
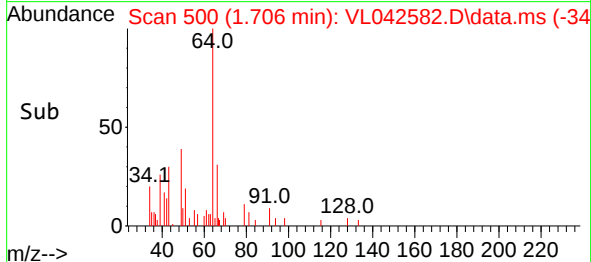
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 64 Resp: 1099
Ion Ratio Lower Upper
64 100
66 35.6 24.3 36.5

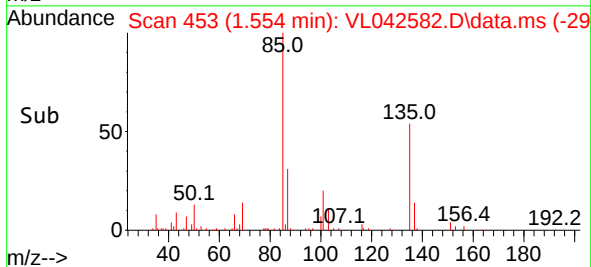
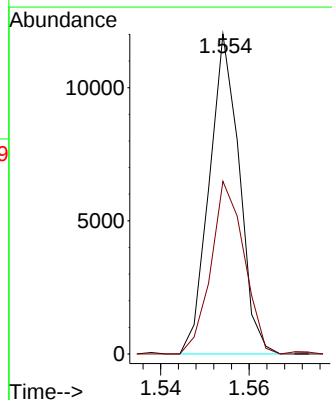
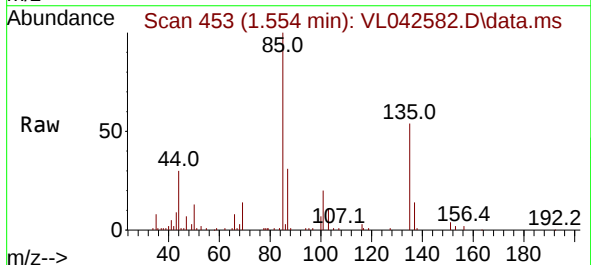
Manual Integrations
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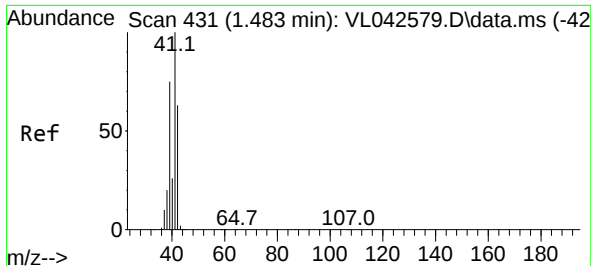
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#8
Dichlorotetrafluoroethane
Concen: 0.537 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

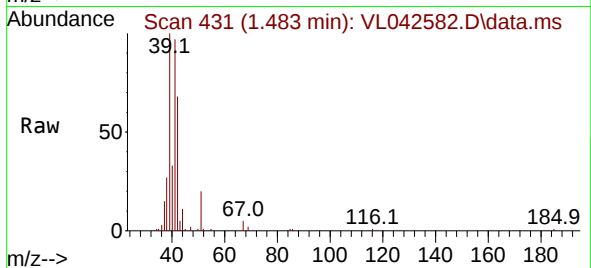
Tgt Ion: 85 Resp: 5655
Ion Ratio Lower Upper
85 100
135 60.7 50.2 75.4





#9
Propene
Concen: 0.521 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

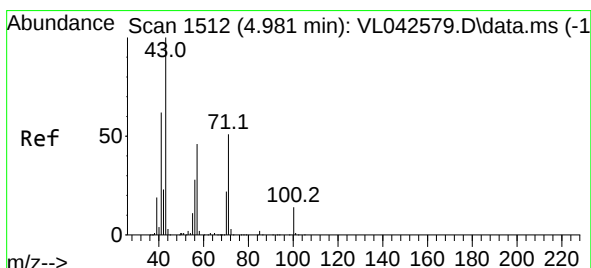
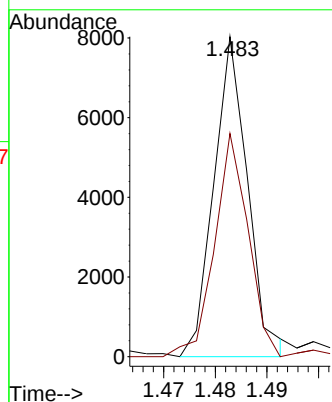
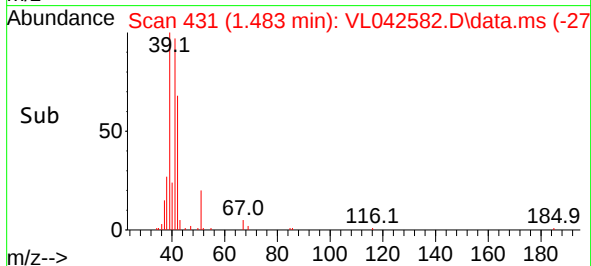
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



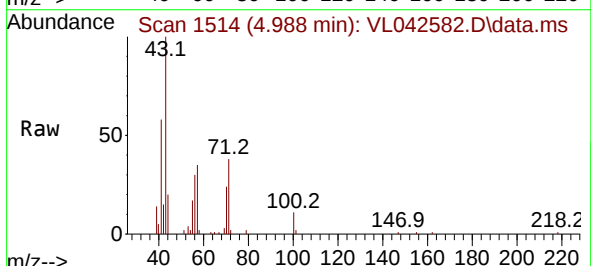
Tgt Ion: 41 Resp: 365
Ion Ratio Lower Upper
41 100
42 77.1 53.3 79.9

Manual Integrations
APPROVED

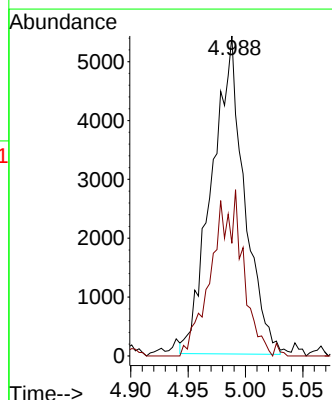
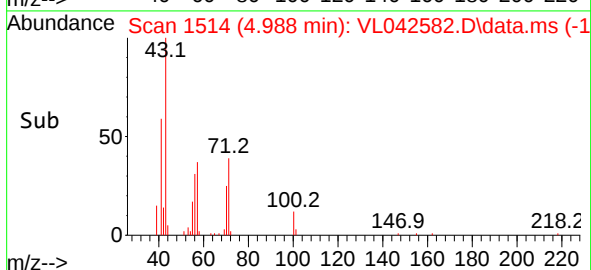
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

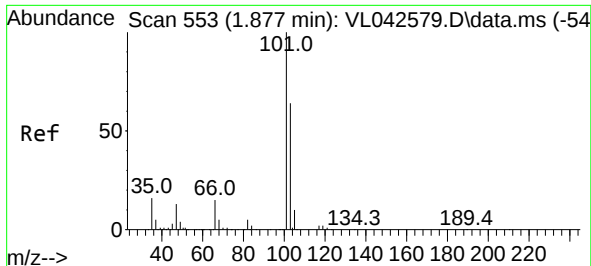


#10
Heptane
Concen: 0.540 ppbv
RT: 4.988 min Scan# 1514
Delta R.T. 0.007 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



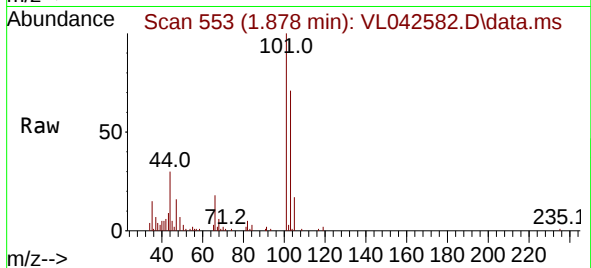
Tgt Ion: 43 Resp: 10697
Ion Ratio Lower Upper
43 100
57 49.9 38.9 58.3





#11
 Trichlorofluoromethane
 Concen: 0.522 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

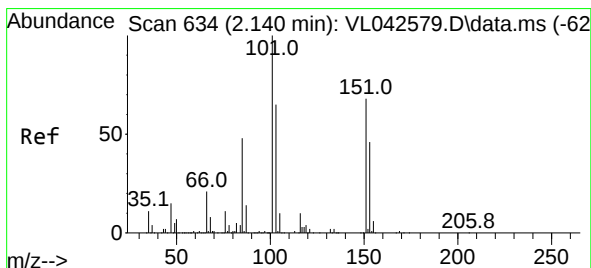
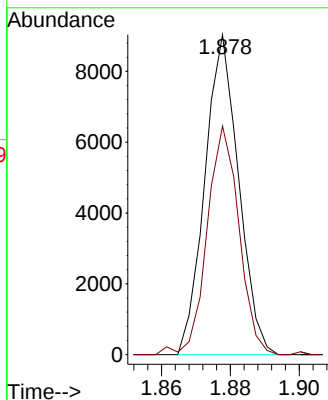
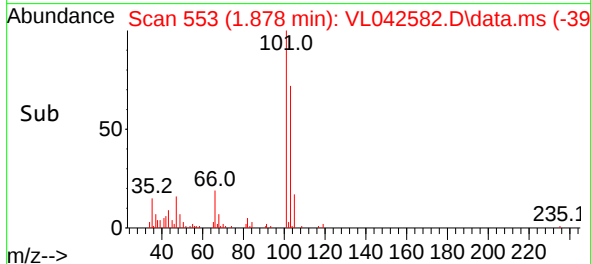
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



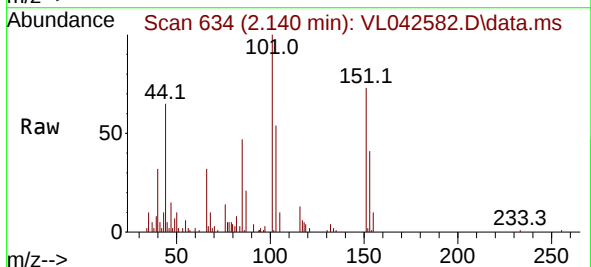
Tgt Ion:101 Resp: 6138
 Ion Ratio Lower Upper
 101 100
 103 71.5 51.5 77.3

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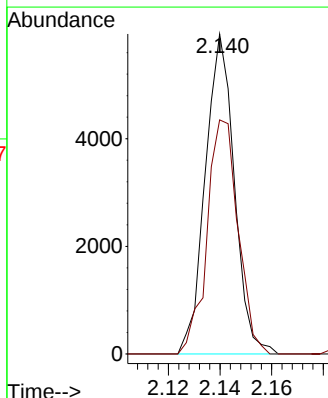
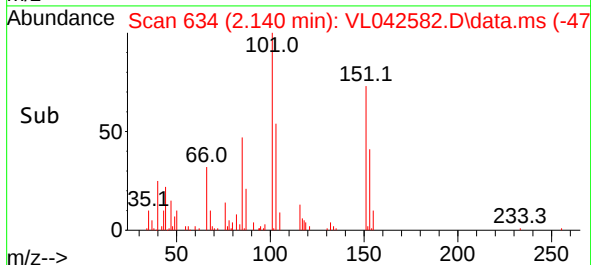
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

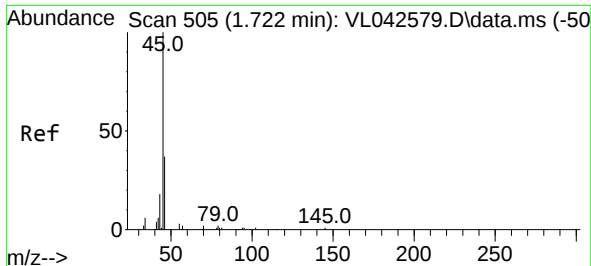


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.503 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47



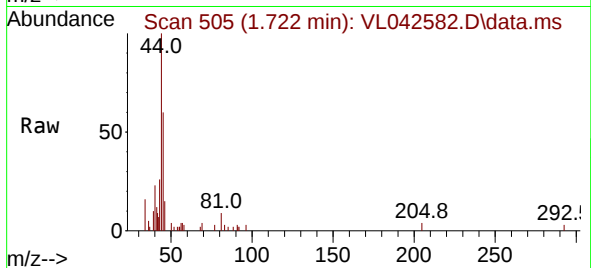
Tgt Ion:101 Resp: 4647
 Ion Ratio Lower Upper
 101 100
 151 78.2 55.3 82.9





#13
Ethanol
Concen: 0.748 ppbv m
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

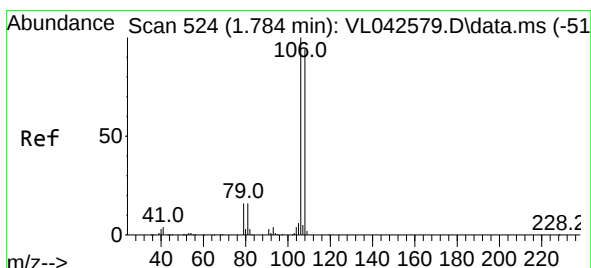
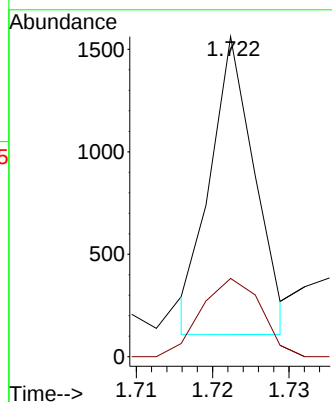
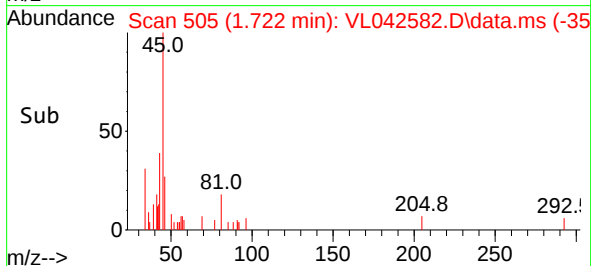
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



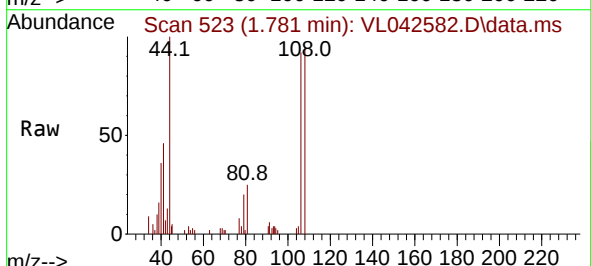
Tgt Ion: 45 Resp: 580
Ion Ratio Lower Upper
45 100
46 45.6 14.5 58.1

Manual Integrations
APPROVED

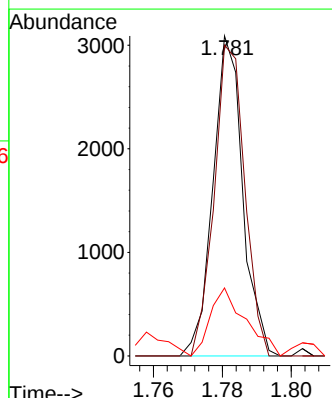
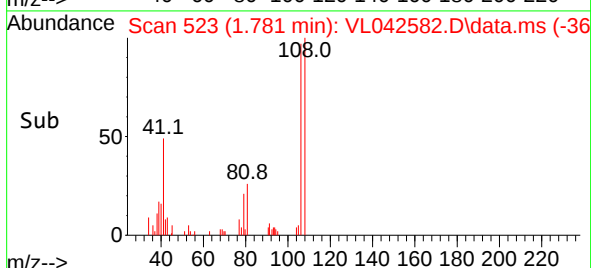
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

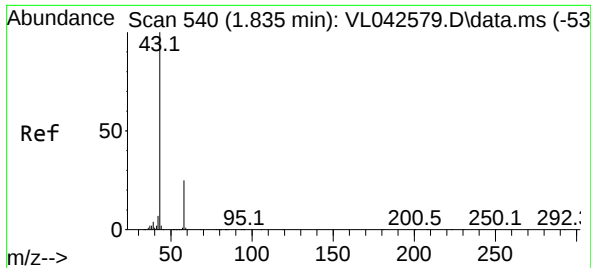


#14
Bromoethene
Concen: 0.532 ppbv
RT: 1.781 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



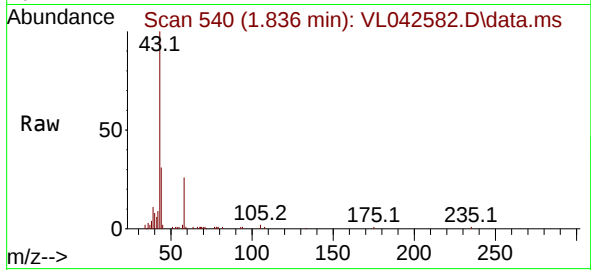
Tgt Ion:108 Resp: 1849
Ion Ratio Lower Upper
108 100
106 99.9 87.9 131.9
79 44.5 15.6 23.4#





#15
Acetone
Concen: 0.583 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

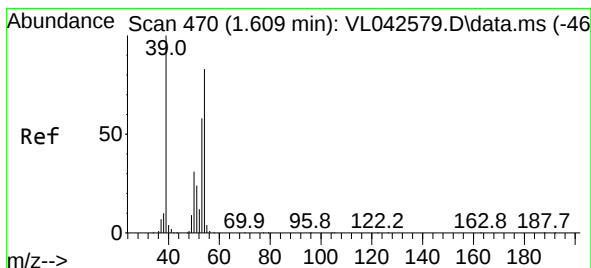
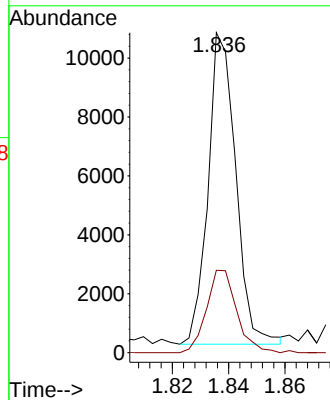
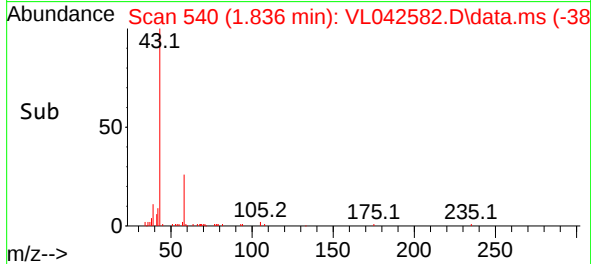
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



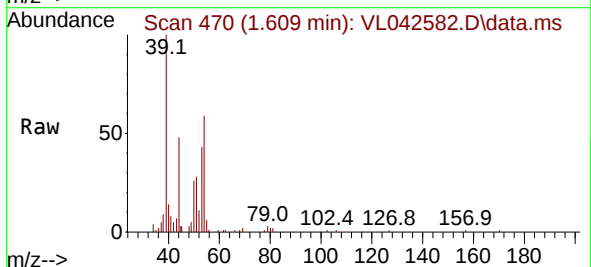
Tgt Ion: 43 Resp: 7225
Ion Ratio Lower Upper
43 100
58 29.0 21.0 31.4

Manual Integrations
APPROVED

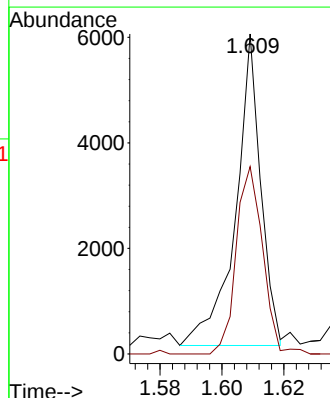
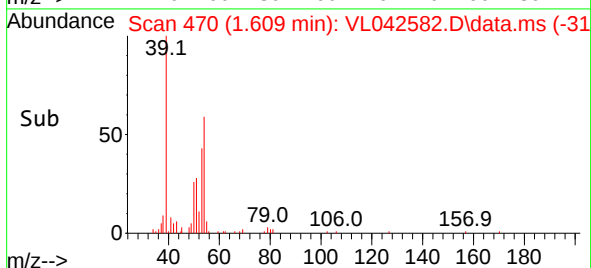
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
1,3-Butadiene
Concen: 0.569 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



Tgt Ion: 39 Resp: 3340
Ion Ratio Lower Upper
39 100
54 63.2 57.9 86.9





#17

tert-Butyl alcohol

Concen: 0.533 ppbv

RT: 2.046 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 687

Ion Ratio Lower Upper

59 100

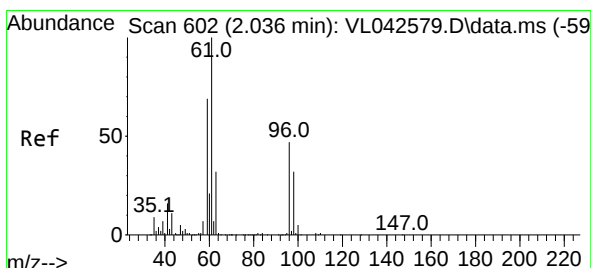
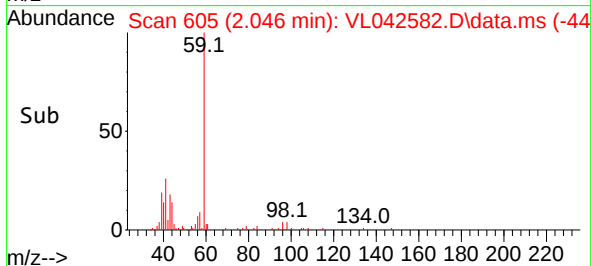
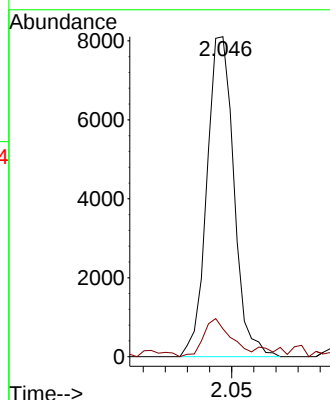
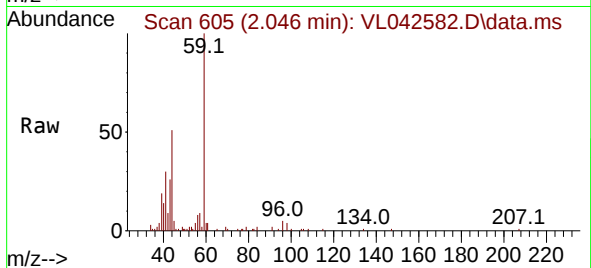
57 13.6 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#18

1,1-Dichloroethene

Concen: 0.539 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.000 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

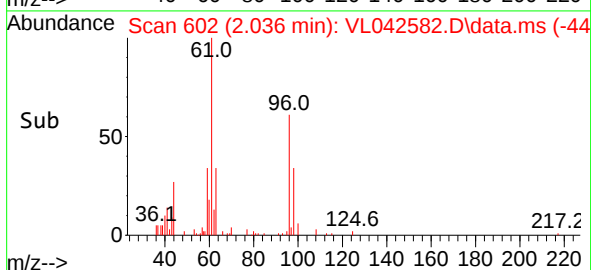
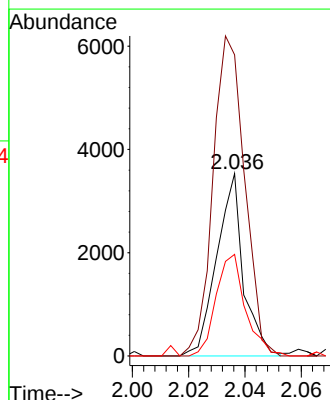
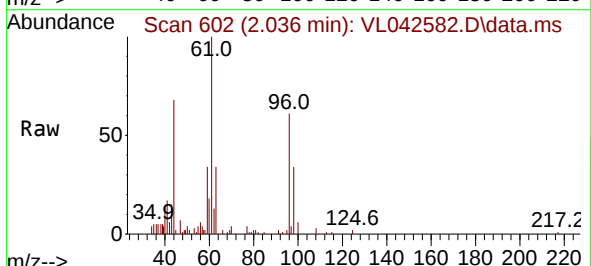
Tgt Ion: 96 Resp: 2319

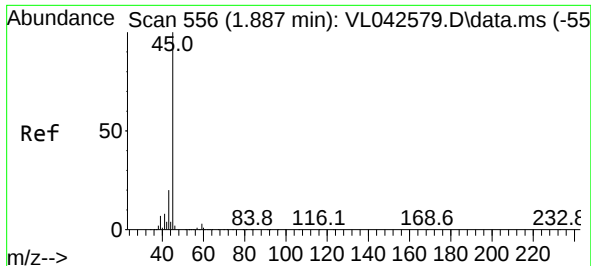
Ion Ratio Lower Upper

96 100

61 165.1 171.1 256.7#

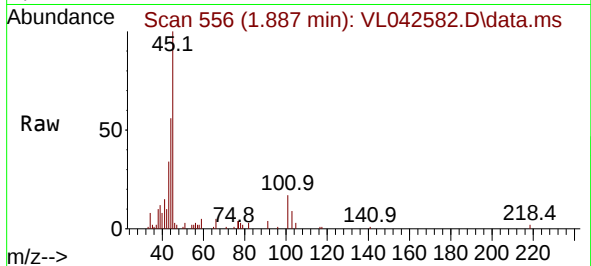
98 55.7 54.4 81.6





#19
Isopropyl Alcohol
Concen: 0.573 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

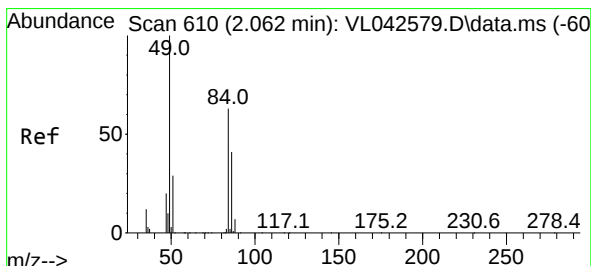
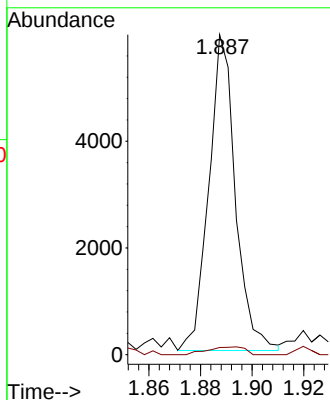
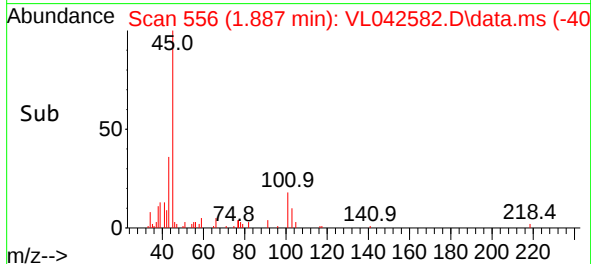
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



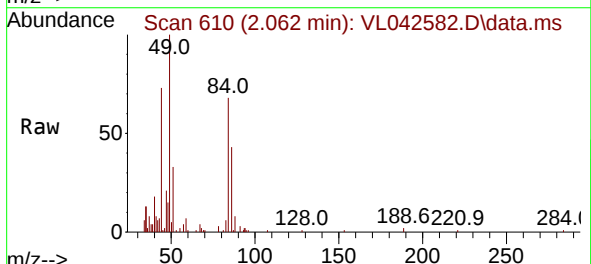
Tgt Ion: 45 Resp: 4245
Ion Ratio Lower Upper
45 100
58 3.4 29.4 44.2

Manual Integrations
APPROVED

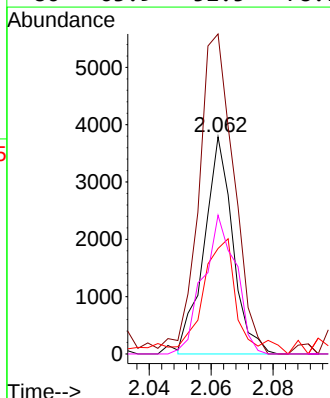
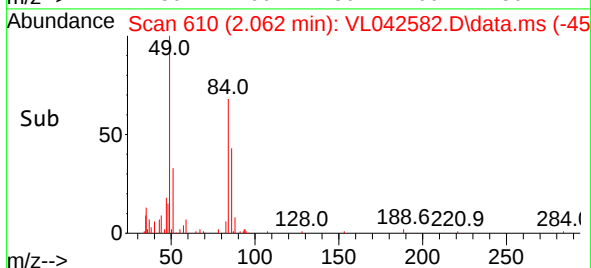
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

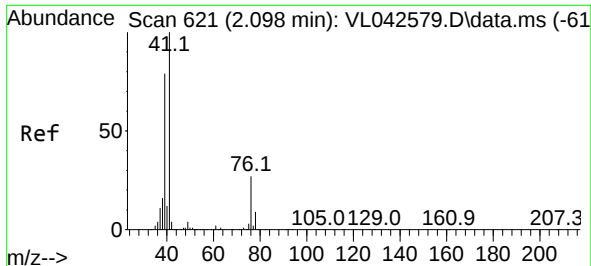


#20
Methylene Chloride
Concen: 0.595 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



Tgt Ion: 84 Resp: 2435
Ion Ratio Lower Upper
84 100
49 147.4 128.8 193.2
51 45.2 38.6 57.8
86 63.9 52.5 78.7





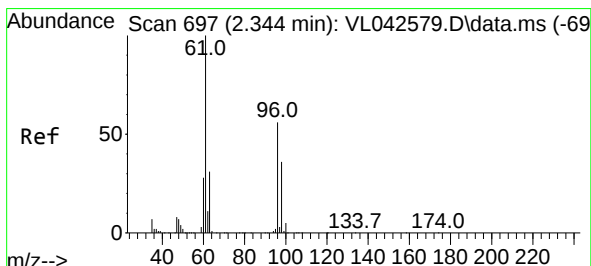
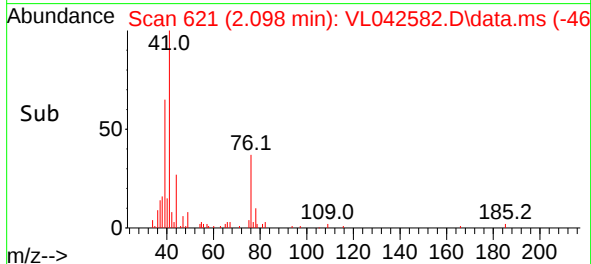
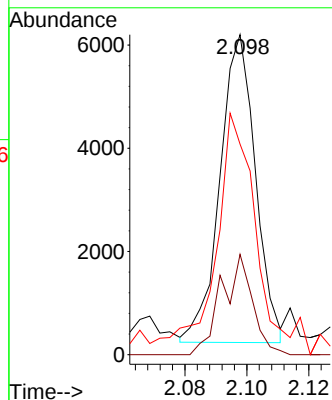
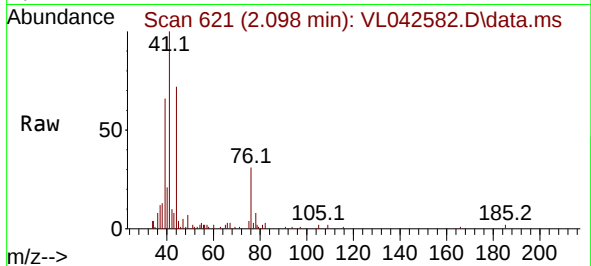
#21
 Allyl Chloride
 Concen: 0.544 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41	Resp: 4754
Ion Ratio	Lower Upper
41	100
76	28.5 21.2 31.8
39	79.5 60.9 91.3

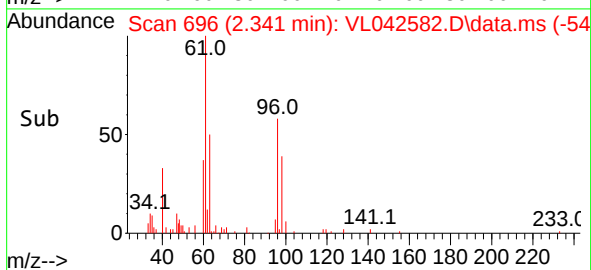
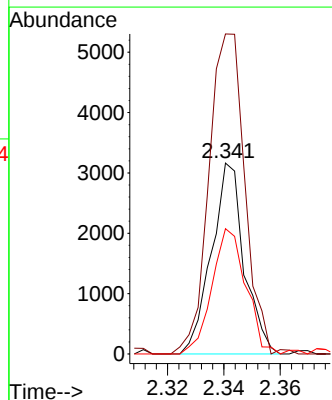
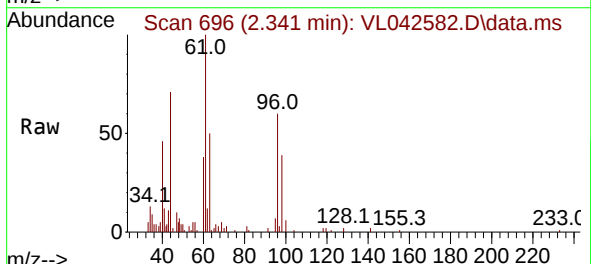
Manual Integrations
 APPROVED

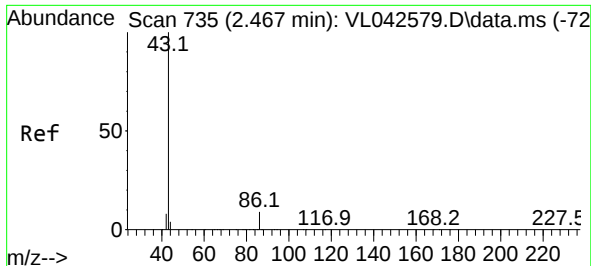
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.532 ppbv
 RT: 2.341 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

Tgt Ion: 96	Resp: 2553
Ion Ratio	Lower Upper
96	100
61	165.3 142.6 214.0
98	65.6 51.0 76.4





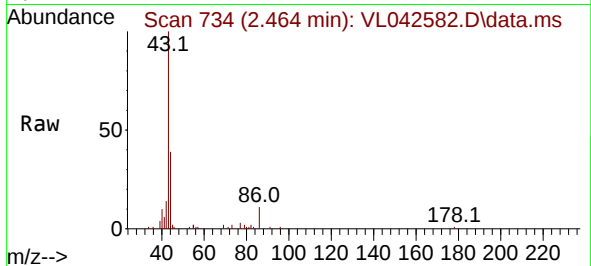
#23
 Vinyl Acetate
 Concen: 0.537 ppbv
 RT: 2.464 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

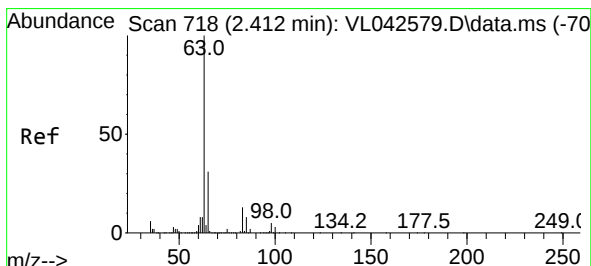
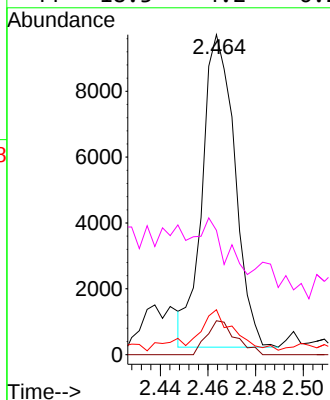
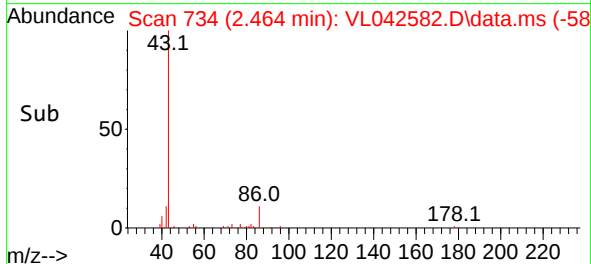


Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.9	6.6	9.8
42	10.6	7.0	10.4
44	18.3	4.2	6.2

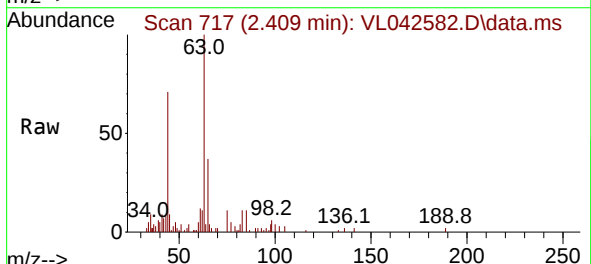
Manual Integrations

APPROVED

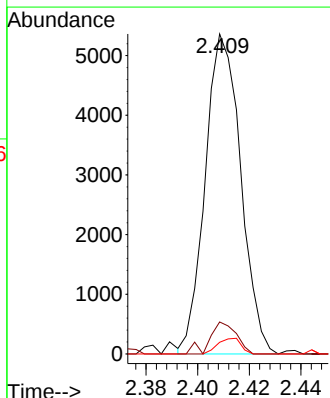
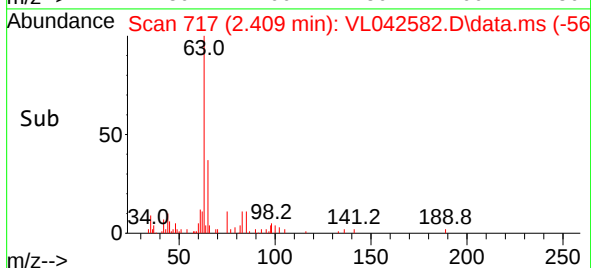
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#24
 1,1-Dichloroethane
 Concen: 0.521 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47



Tgt Ion	Ratio	Lower	Upper
63	100		
98	10.0	2.4	7.1
100	3.7	1.4	4.0





#25

Ethyl Acetate

Concen: 0.530 ppbv

RT: 2.842 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

Instrument :

MSVOA_L

ClientSampleId :

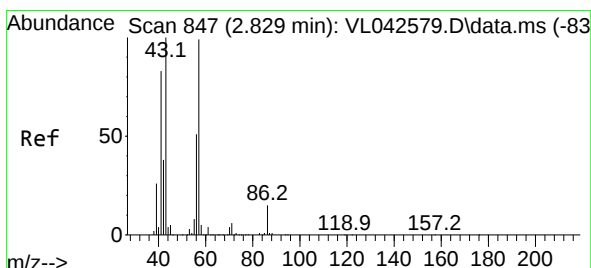
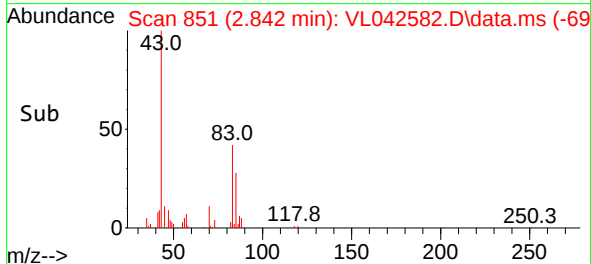
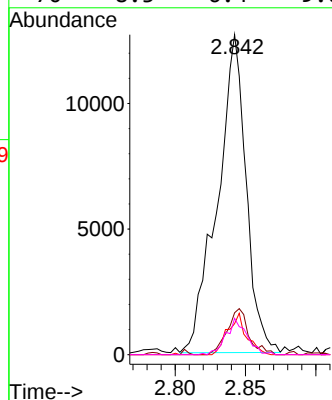
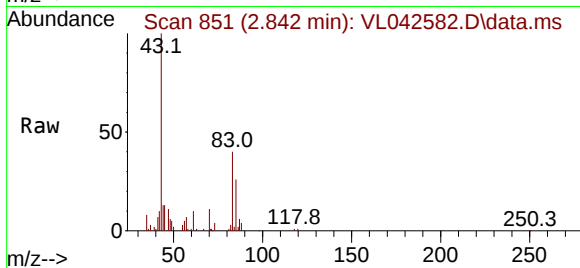
VSTDICC0.5

Tgt Ion: 43	Resp: 17990
Ion Ratio	Lower Upper
43 100	
45 11.4	8.2 12.2
61 8.5	7.1 10.7
70 8.3	6.4 9.6

Manual Integrations

APPROVED

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



#26

Hexane

Concen: 0.564 ppbv

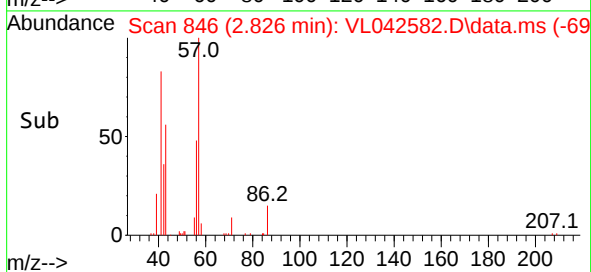
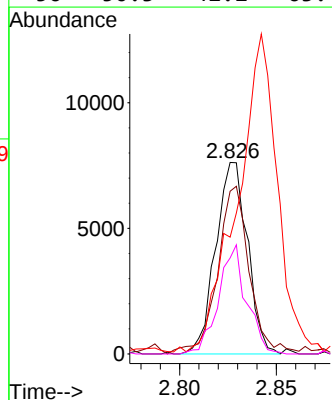
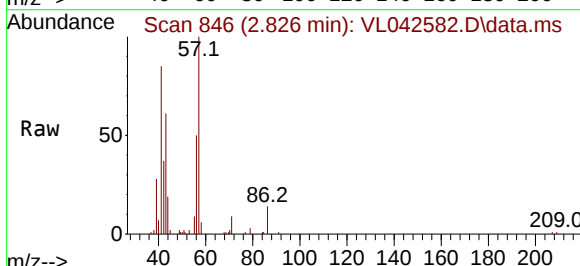
RT: 2.826 min Scan# 846

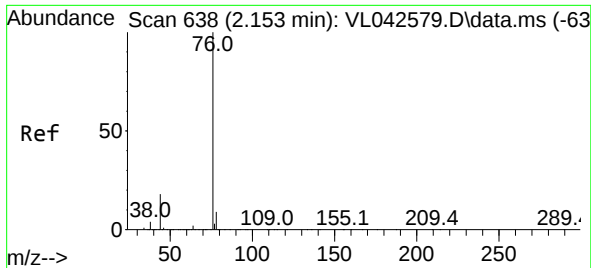
Delta R.T. -0.003 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

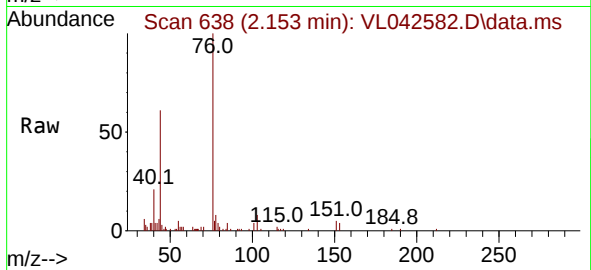
Tgt Ion: 57	Resp: 8694
Ion Ratio	Lower Upper
57 100	
41 89.3	70.6 106.0
43 218.8	181.1 271.7
56 50.3	42.2 63.4





#27
Carbon Disulfide
Concen: 0.511 ppbv
RT: 2.153 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

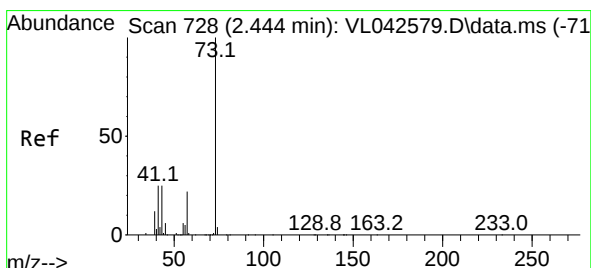
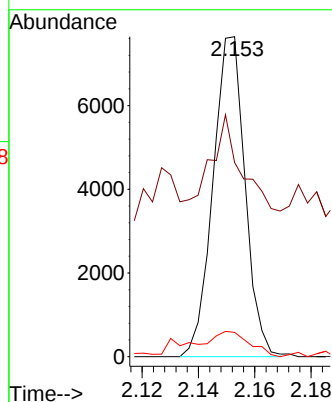
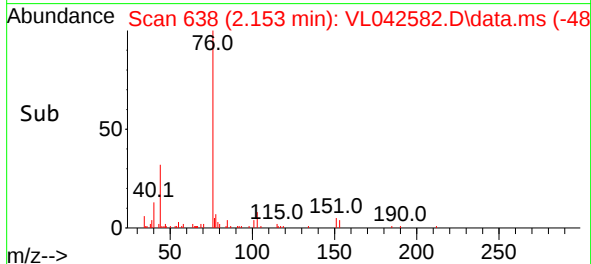
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 76 Resp: 6043
Ion Ratio Lower Upper
76 100
44 169.1 21.3 31.9
78 15.4 9.4 14.0

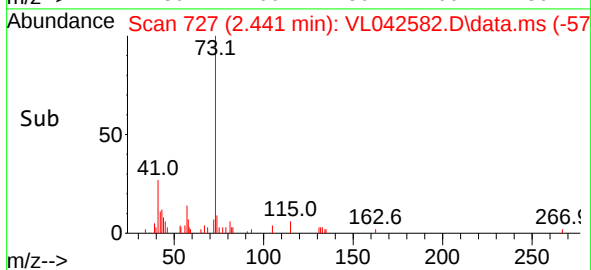
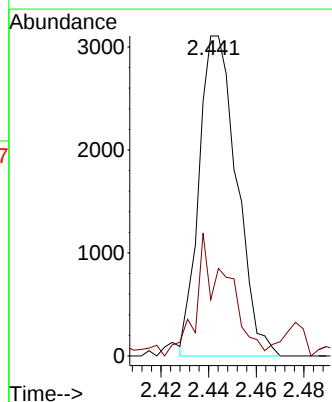
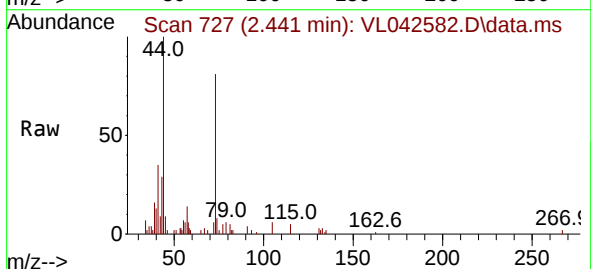
Manual Integrations
APPROVED

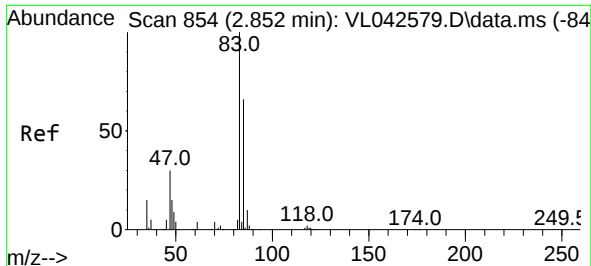
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
Methyl tert-Butyl Ether
Concen: 0.546 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Tgt Ion: 73 Resp: 3416
Ion Ratio Lower Upper
73 100
57 34.3 19.9 29.9





#29

Chloroform

Concen: 0.539 ppbv

RT: 2.849 min Scan# 853

Delta R.T. -0.003 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 10798

Ion Ratio Lower Upper

83 100

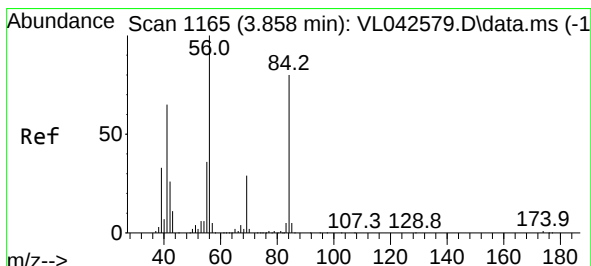
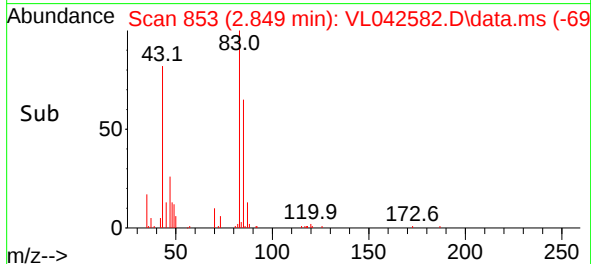
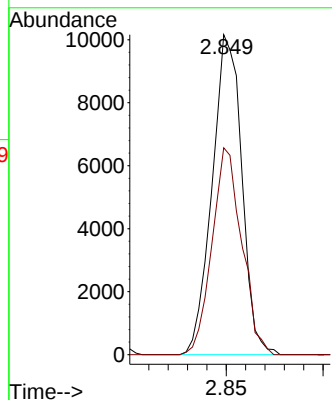
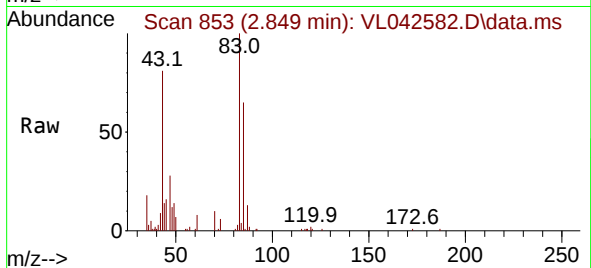
85 64.6 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#30

Cyclohexane

Concen: 0.531 ppbv m

RT: 3.855 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

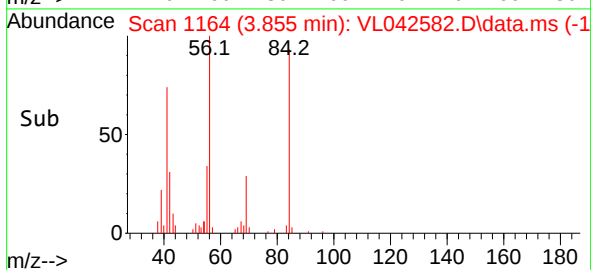
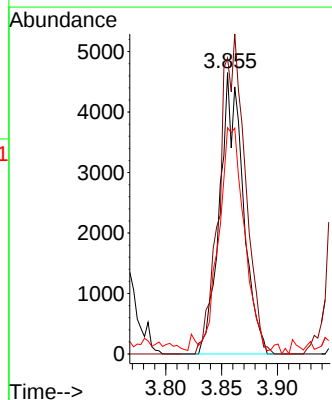
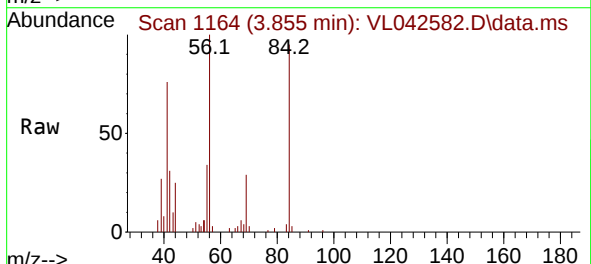
Tgt Ion: 84 Resp: 6784

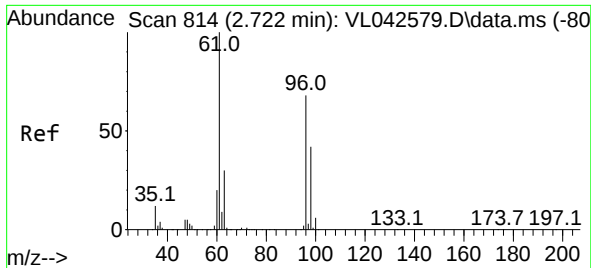
Ion Ratio Lower Upper

84 100

56 124.9 103.7 155.5

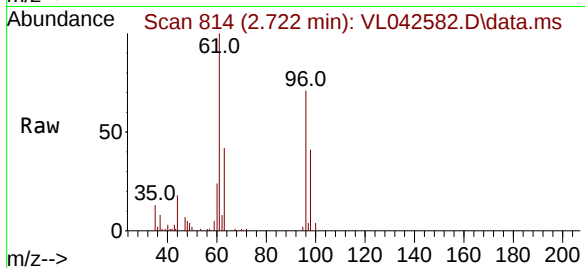
41 0.0 65.1 97.7#





#31
 cis-1,2-Dichloroethene
 Concen: 0.518 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

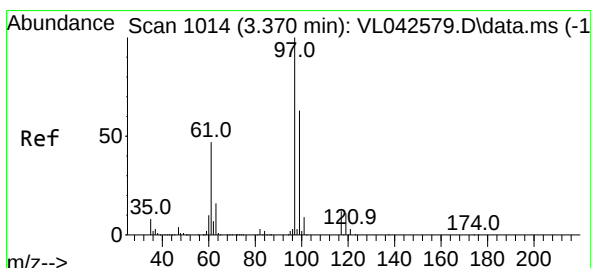
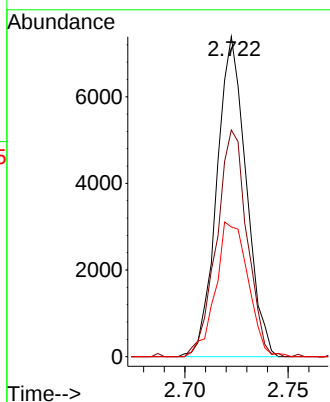
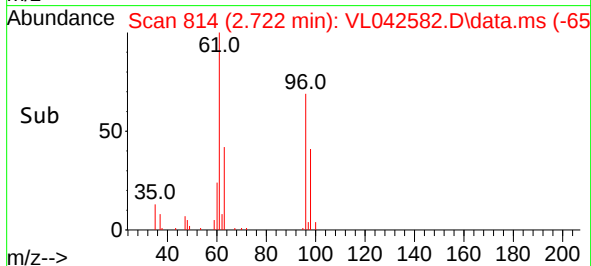
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



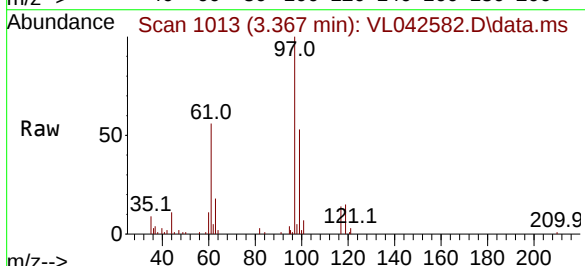
Tgt Ion: 61 Resp: 7302
 Ion Ratio Lower Upper
 61 100
 96 70.9 54.5 81.7
 98 40.5 33.4 50.2

Manual Integrations
 APPROVED

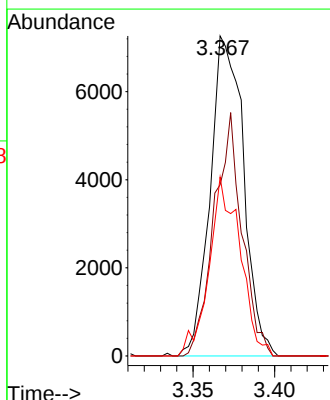
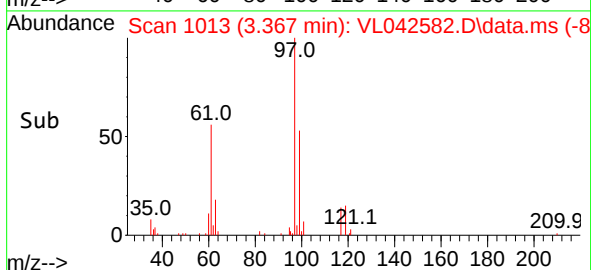
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.513 ppbv
 RT: 3.367 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47



Tgt Ion: 97 Resp: 10309
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.0 76.6
 61 52.1 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: VL042582.D

Acq: 29 May 2025 12:47

Instrument :

MSVOA_L

ClientSampleId :

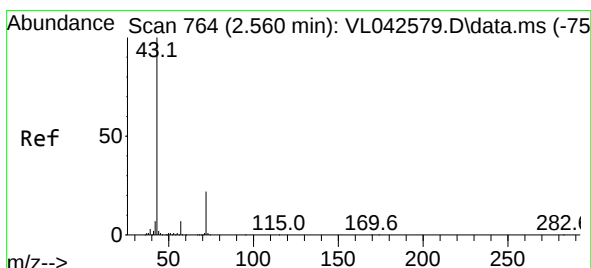
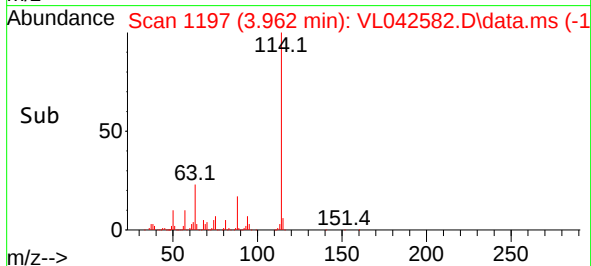
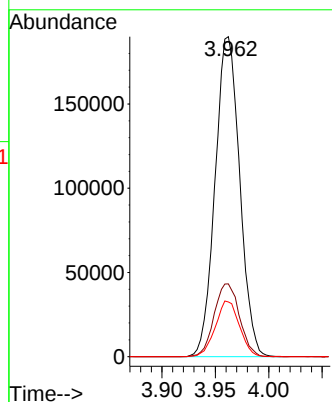
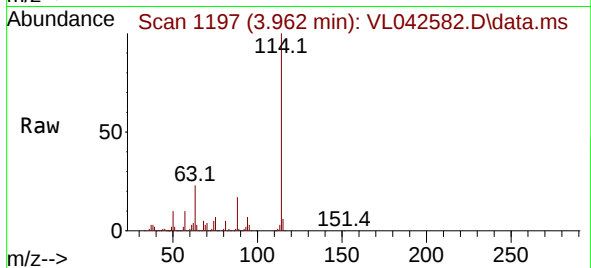
VSTDICC0.5

Tgt Ion:	114	Resp:	30461
Ion Ratio	Lower	Upper	
114	100		
63	23.4	19.0	28.6
88	17.1	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: 0.533 ppbv

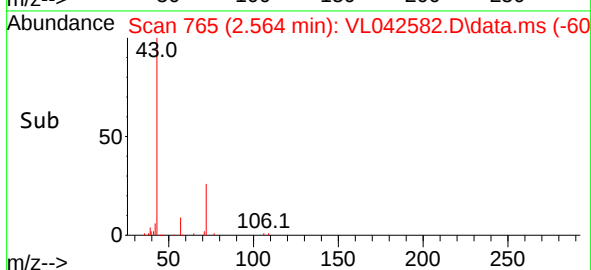
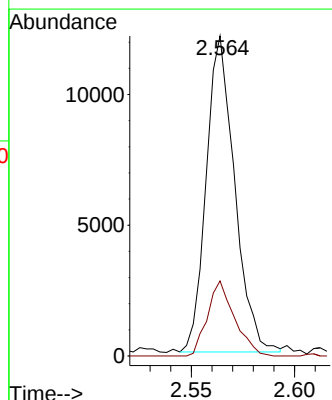
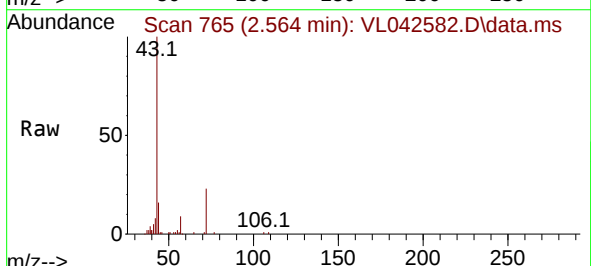
RT: 2.564 min Scan# 765

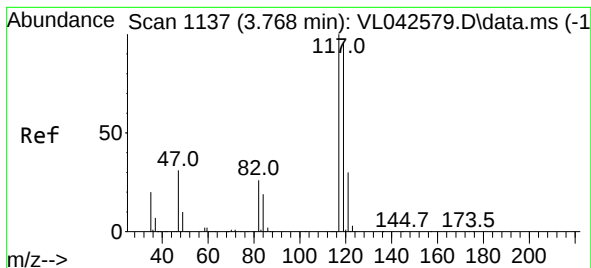
Delta R.T. 0.003 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

Tgt Ion:	43	Resp:	11569
Ion Ratio	Lower	Upper	
43	100		
72	22.5	17.7	26.5





#35

Carbon Tetrachloride

Concen: 0.503 ppbv

RT: 3.761 min Scan# 1135

Delta R.T. -0.006 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

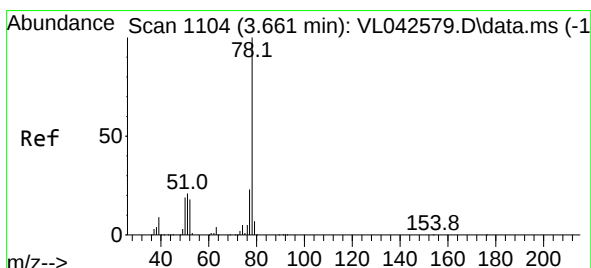
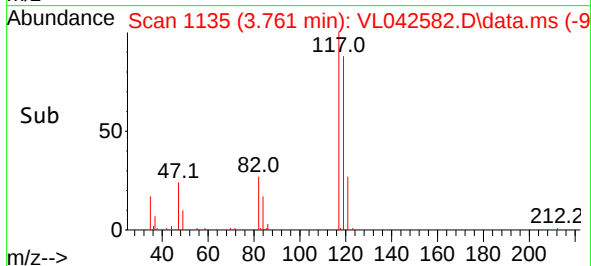
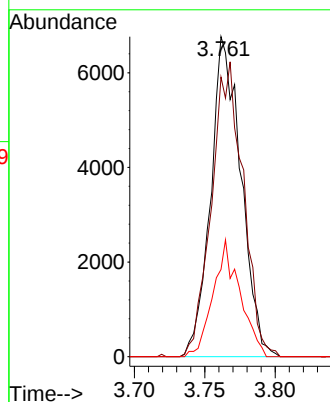
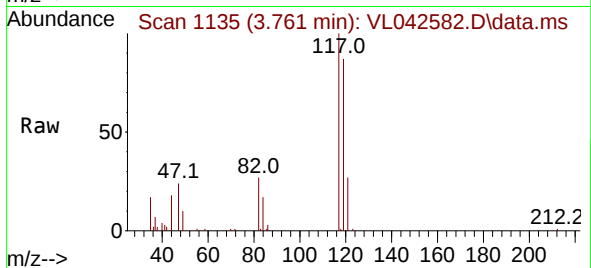
Tgt Ion:117	Resp:	10120
Ion	Ratio	Lower Upper
117	100	
119	87.4	76.8 115.2
121	27.2	24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#36

Benzene

Concen: 0.533 ppbv

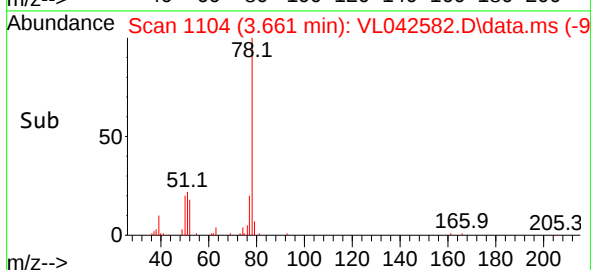
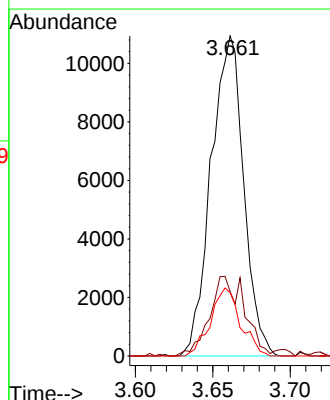
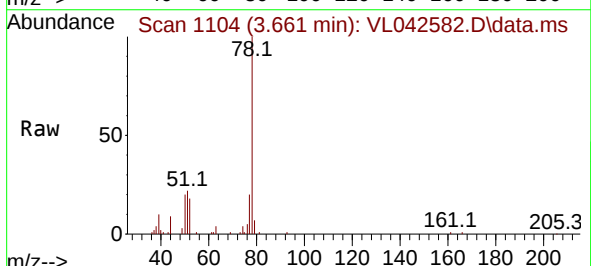
RT: 3.661 min Scan# 1104

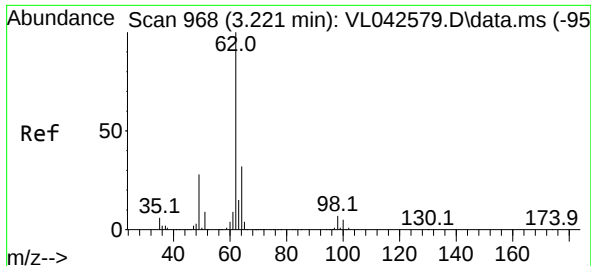
Delta R.T. 0.000 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

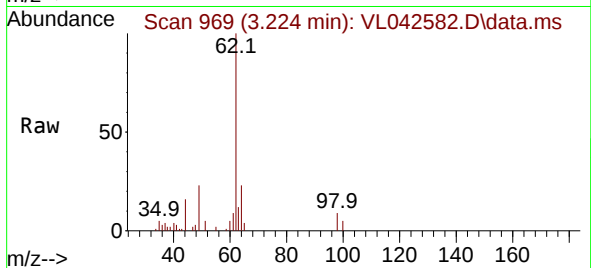
Tgt Ion: 78	Resp:	16000
Ion	Ratio	Lower Upper
78	100	
77	19.4	18.2 27.2
50	19.8	15.2 22.8





#37
1,2-Dichloroethane
Concen: 0.529 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

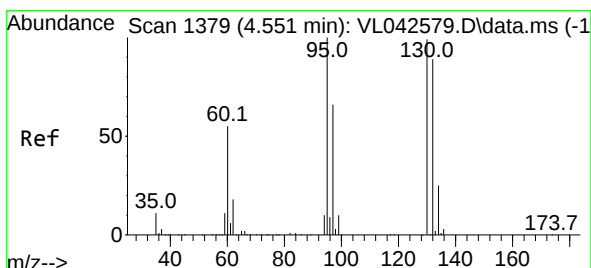
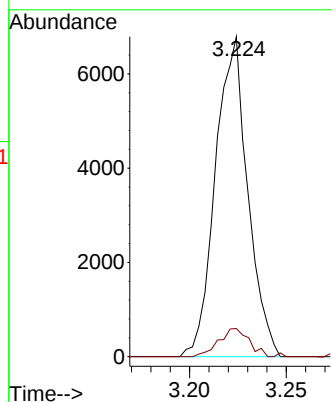
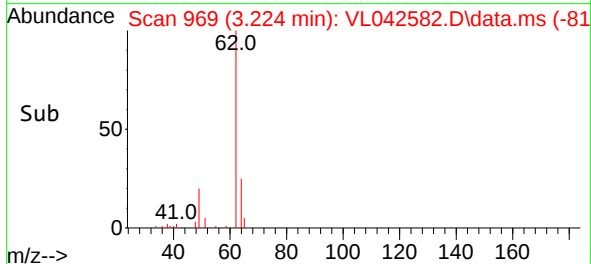
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 62 Resp: 788
Ion Ratio Lower Upper
62 100
98 8.4 6.1 9.1

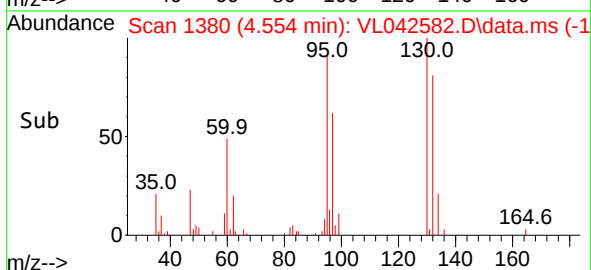
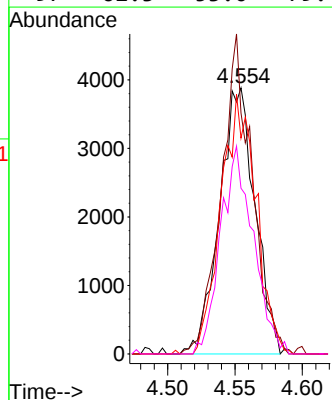
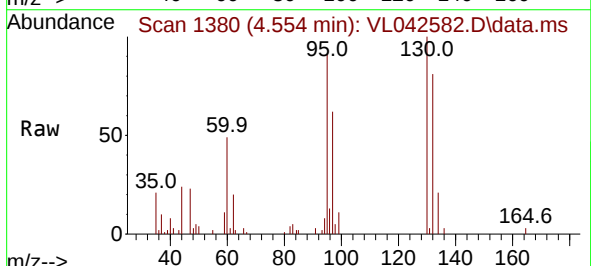
Manual Integrations
APPROVED

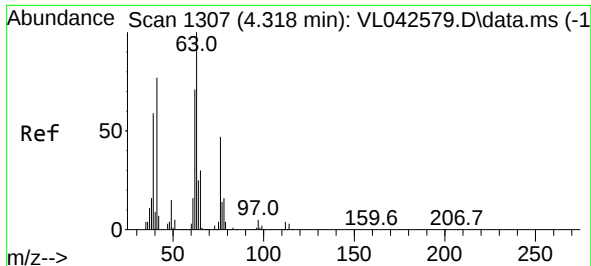
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#38
Trichloroethene
Concen: 0.555 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Tgt Ion:130 Resp: 7126
Ion Ratio Lower Upper
130 100
95 90.6 80.6 121.0
132 81.1 71.8 107.6
97 62.3 53.0 79.4





#39

1,2-Dichloropropane

Concen: 0.570 ppbv m

RT: 4.318 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

Instrument :

MSVOA_L

ClientSampleId :

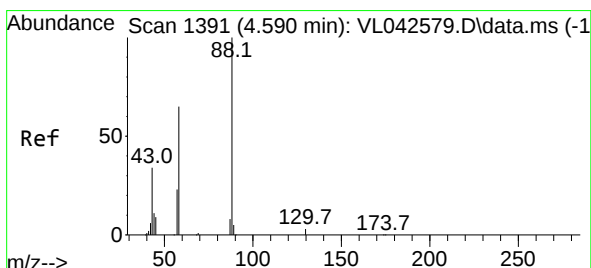
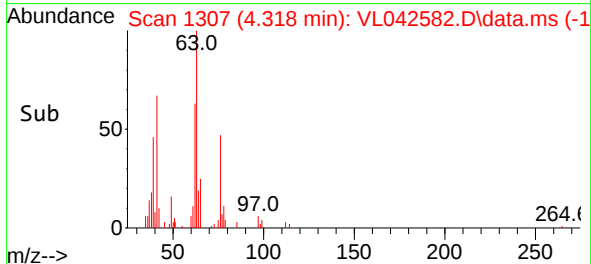
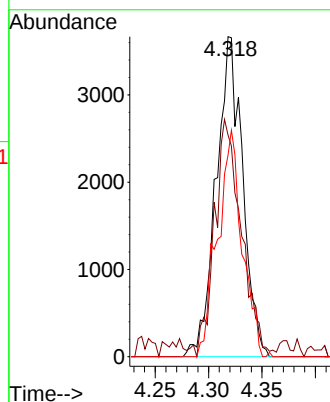
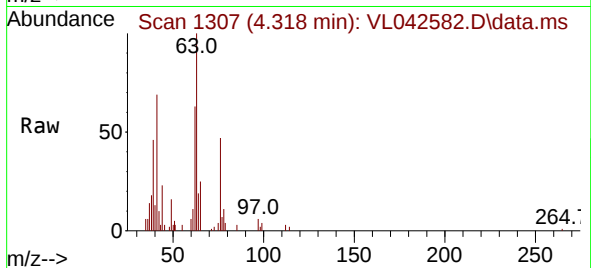
VSTDICC0.5

Tgt Ion: 63	Resp: 631
Ion Ratio	Lower Upper
63 100	
41 69.2	61.8 92.6
62 63.0	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: 0.555 ppbv m

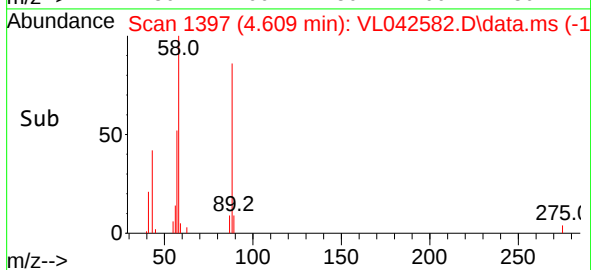
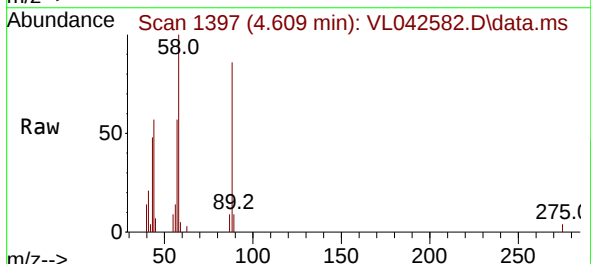
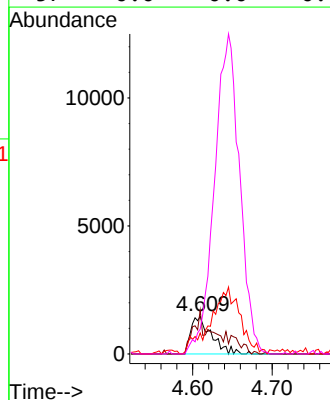
RT: 4.609 min Scan# 1397

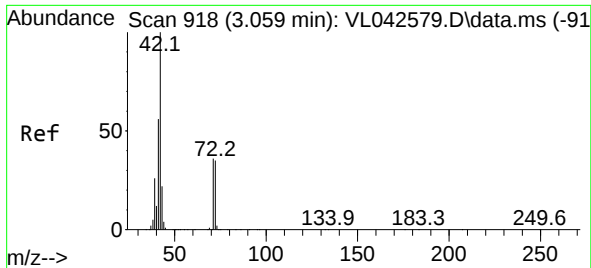
Delta R.T. 0.020 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

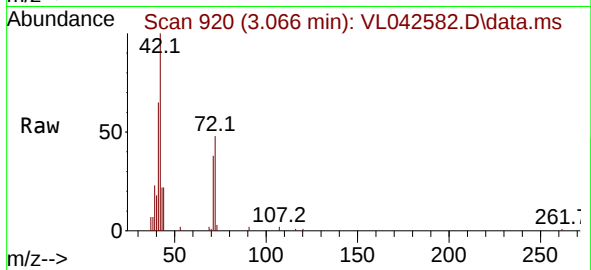
Tgt Ion: 88	Resp: 2618
Ion Ratio	Lower Upper
88 100	
58 131.2	55.8 83.8#
43 15.4	24.8 37.2#
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 0.533 ppbv
RT: 3.066 min Scan# 918
Delta R.T. 0.007 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

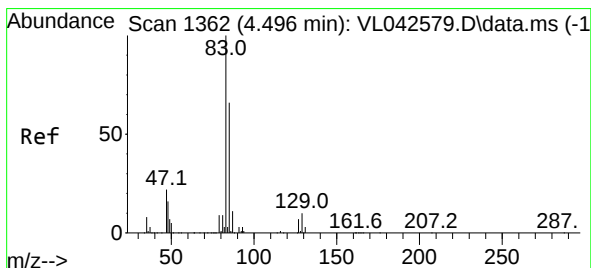
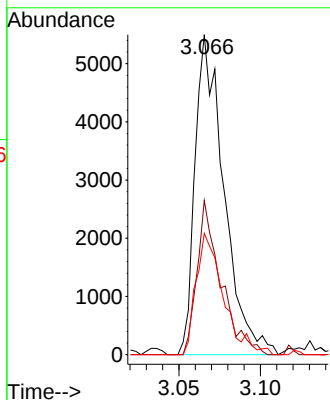
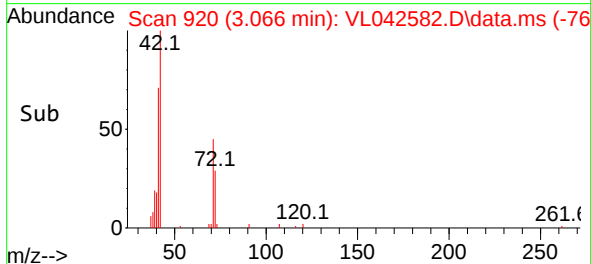
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



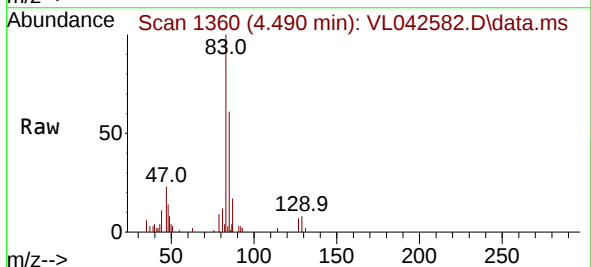
Tgt Ion: 42 Resp: 6775
Ion Ratio Lower Upper
42 100
72 40.4 28.9 43.3
71 36.2 28.5 42.7

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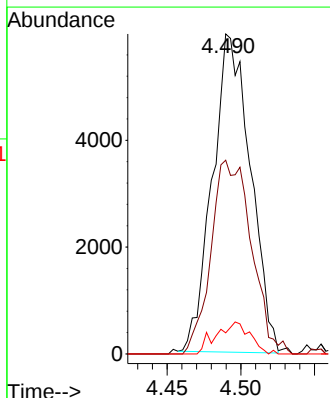
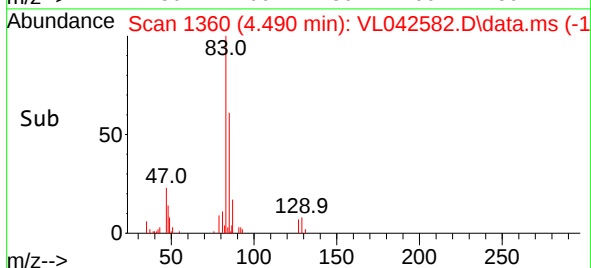
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

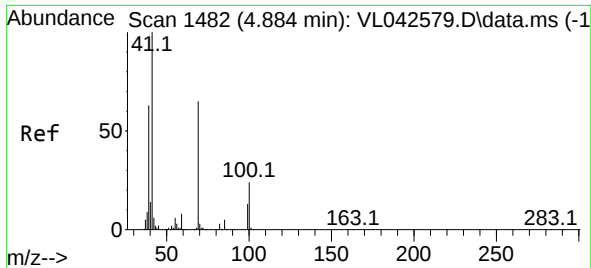


#42
Bromodichloromethane
Concen: 0.505 ppbv
RT: 4.490 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



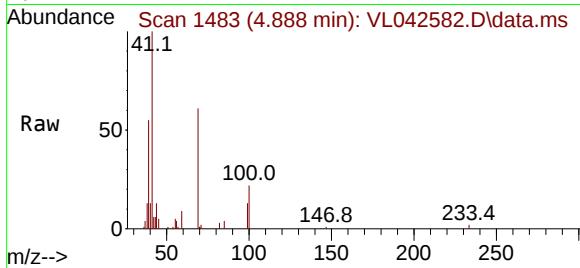
Tgt Ion: 83 Resp: 10688
Ion Ratio Lower Upper
83 100
85 61.1 52.7 79.1
127 6.6 5.8 8.6





#43
Methyl Methacrylate
Concen: 0.521 ppbv
RT: 4.888 min Scan# 1483
Delta R.T. 0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

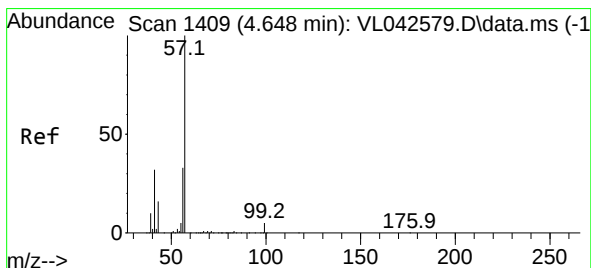
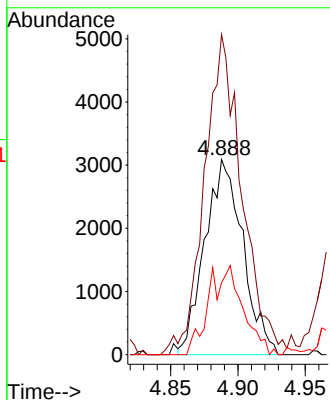
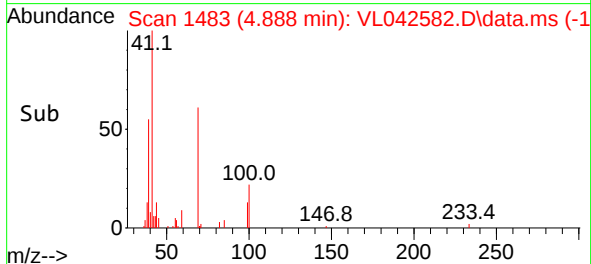
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



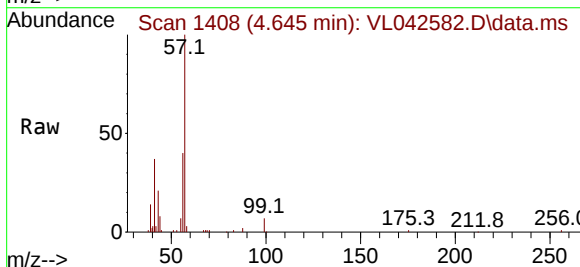
Tgt Ion: 69 Resp: 6050
Ion Ratio Lower Upper
69 100
41 160.5 124.6 187.0
100 42.4 29.9 44.9

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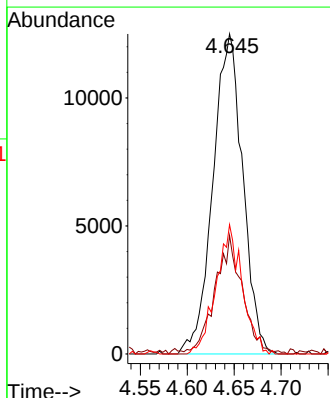
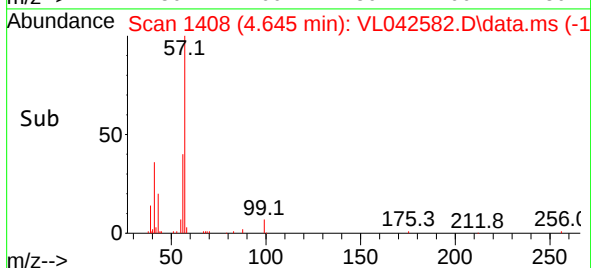
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

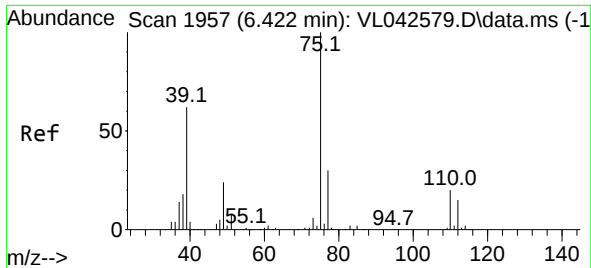


#44
2,2,4-Trimethylpentane
Concen: 0.538 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



Tgt Ion: 57 Resp: 27584
Ion Ratio Lower Upper
57 100
41 34.8 26.1 39.1
56 35.2 25.9 38.9





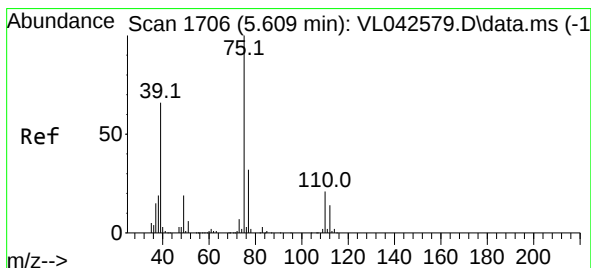
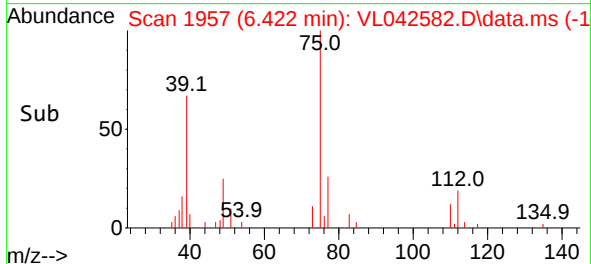
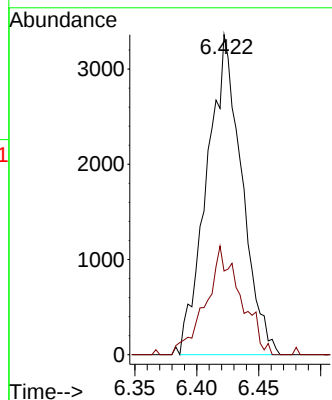
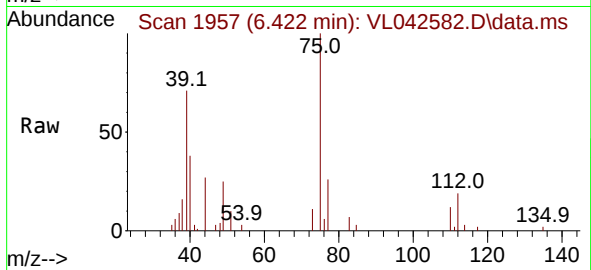
#45
 t-1,3-Dichloropropene
 Concen: 0.495 ppbv
 RT: 6.422 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 75 Resp: 6598
 Ion Ratio Lower Upper
 75 100
 77 26.1 24.2 36.2

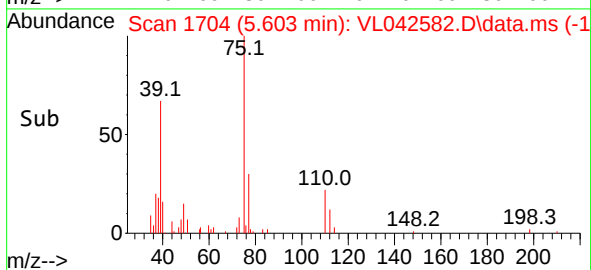
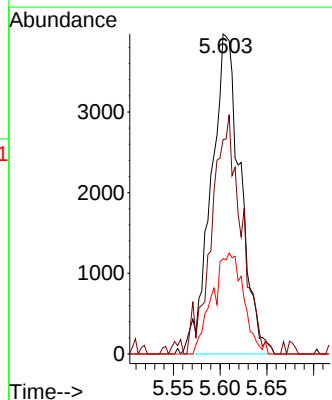
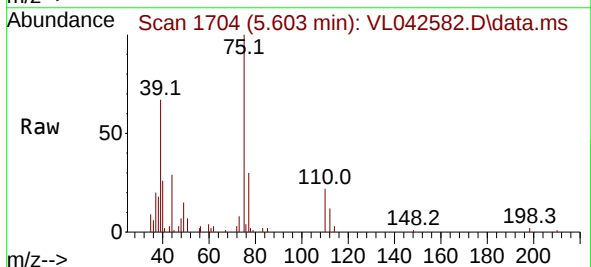
Manual Integrations
 APPROVED

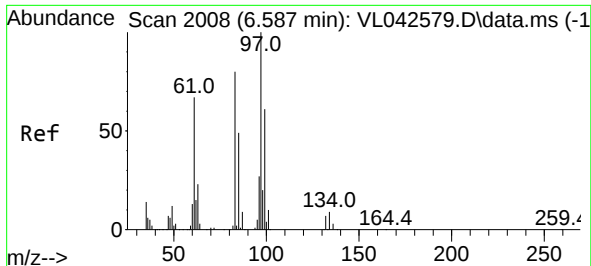
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#46
 cis-1,3-Dichloropropene
 Concen: 0.518 ppbv m
 RT: 5.603 min Scan# 1704
 Delta R.T. -0.006 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

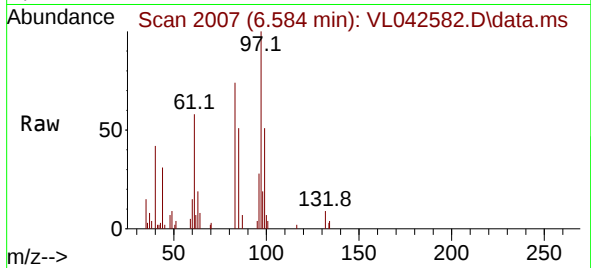
Tgt Ion: 75 Resp: 8637
 Ion Ratio Lower Upper
 75 100
 39 67.0 52.7 79.1
 77 29.8 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 0.539 ppbv m
RT: 6.584 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

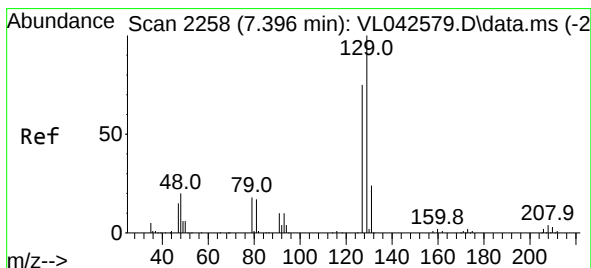
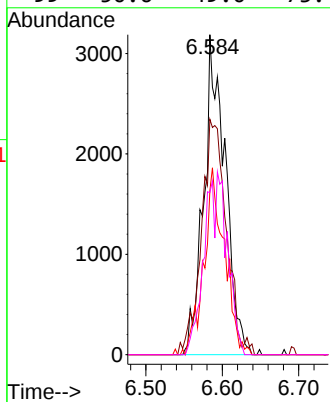
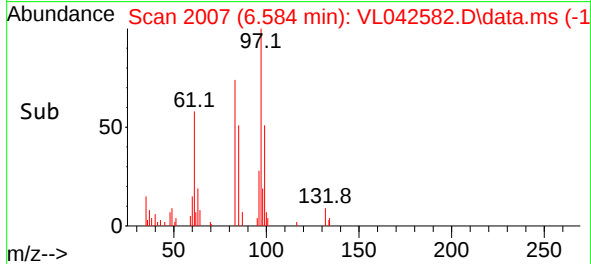
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 97 Resp: 6189
Ion Ratio Lower Upper
97 100
83 73.6 63.9 95.9
85 51.2 39.2 58.8
99 50.6 49.0 73.4

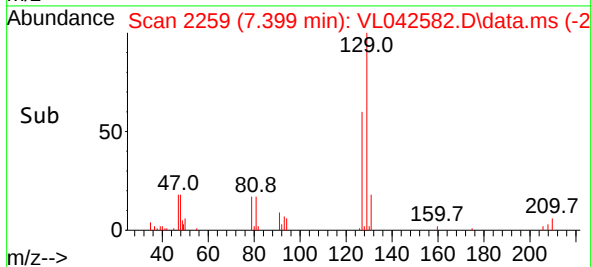
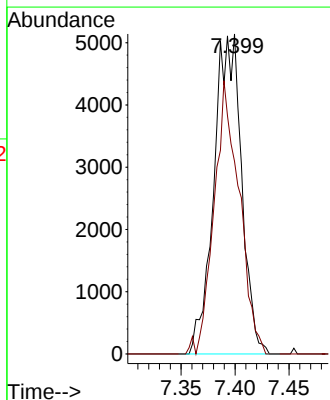
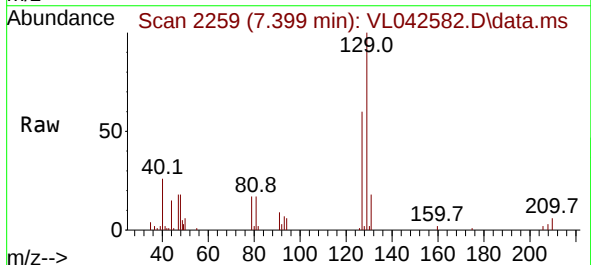
Manual Integrations
APPROVED

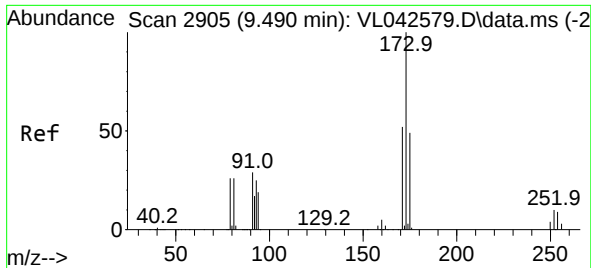
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
Dibromochloromethane
Concen: 0.497 ppbv m
RT: 7.399 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

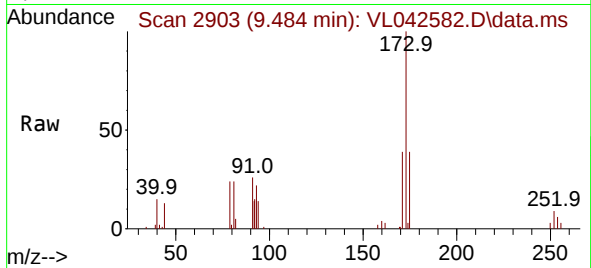
Tgt Ion:129 Resp: 9133
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9





#49
Bromoform
Concen: 0.503 ppbv
RT: 9.484 min Scan# 2905
Delta R.T. -0.006 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

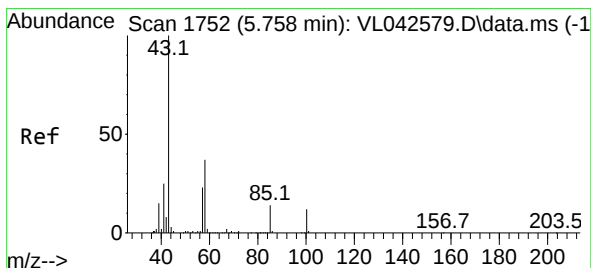
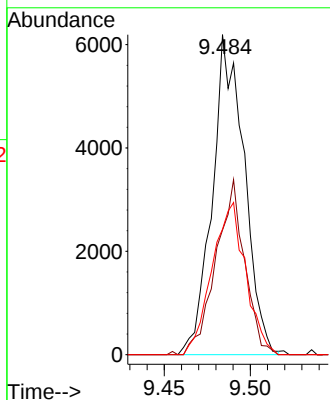
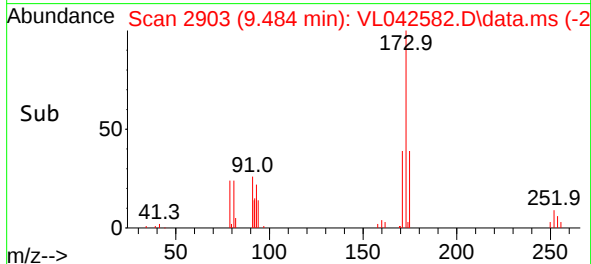
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 173 Resp: 7974
Ion Ratio Lower Upper
173 100
175 49.4 38.7 58.1
171 50.2 41.2 61.8

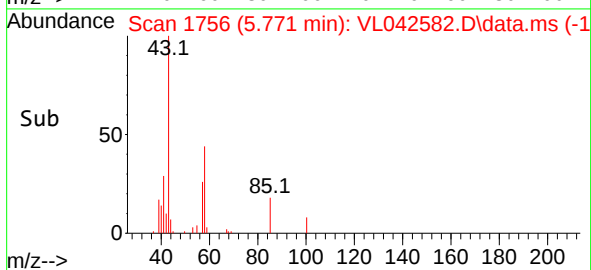
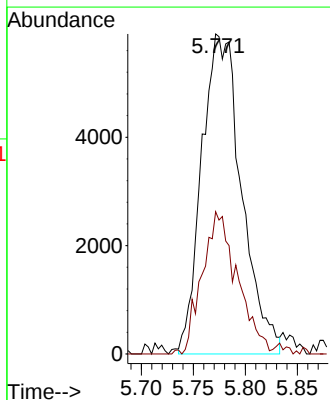
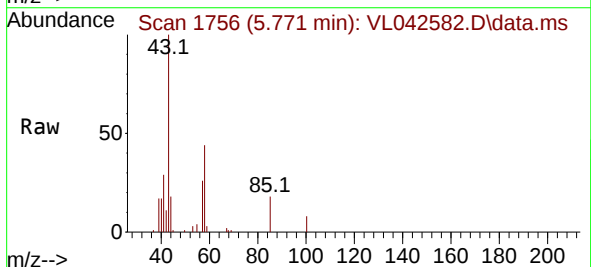
Manual Integrations
APPROVED

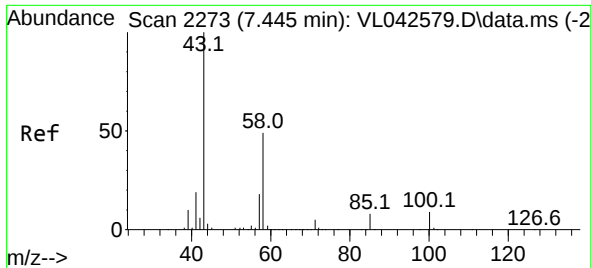
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#50
4-Methyl-2-Pentanone
Concen: 0.522 ppbv m
RT: 5.771 min Scan# 1756
Delta R.T. 0.013 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Tgt Ion: 43 Resp: 15782
Ion Ratio Lower Upper
43 100
58 40.5 28.3 42.5





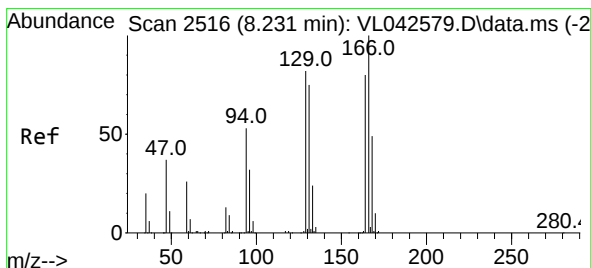
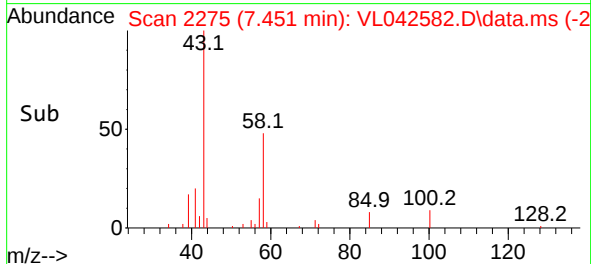
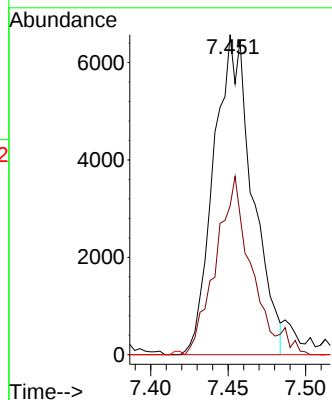
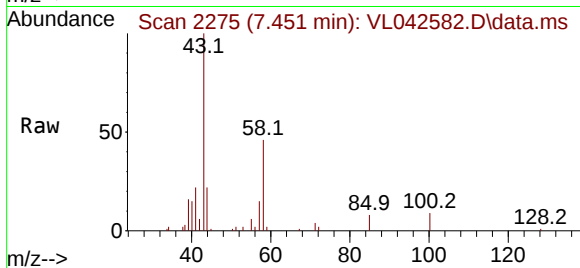
#51
2-Hexanone
Concen: 0.479 ppbv
RT: 7.451 min Scan# 2115
Delta R.T. 0.007 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 51.5 39.9 59.9
98 0.0 0.1 0.1

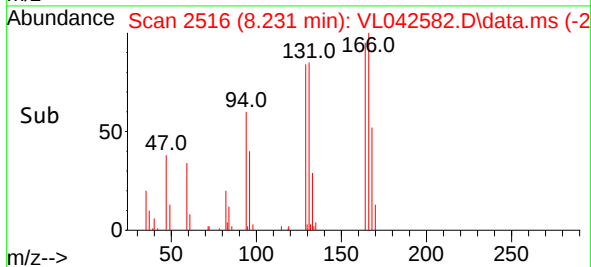
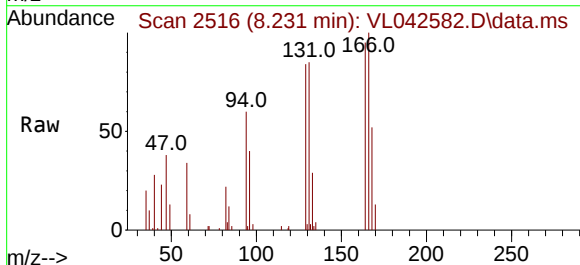
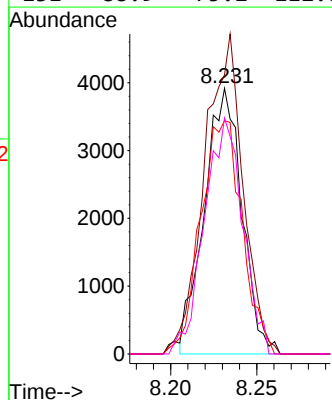
Manual Integrations
APPROVED

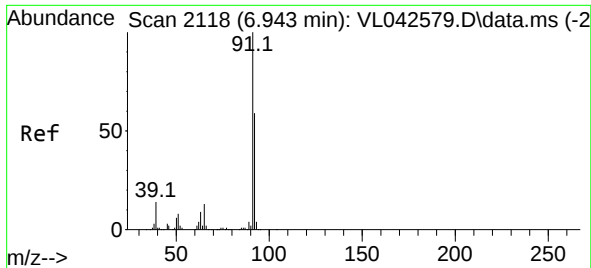
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
Tetrachloroethene
Concen: 0.531 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Tgt Ion:164 Resp: 5950
Ion Ratio Lower Upper
164 100
166 105.1 100.0 150.0
129 87.8 82.2 123.4
131 88.9 75.2 112.8





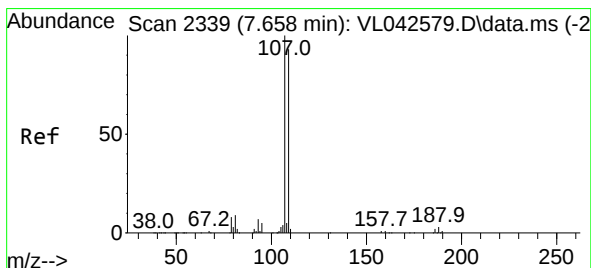
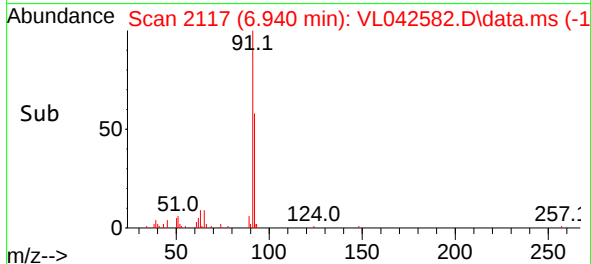
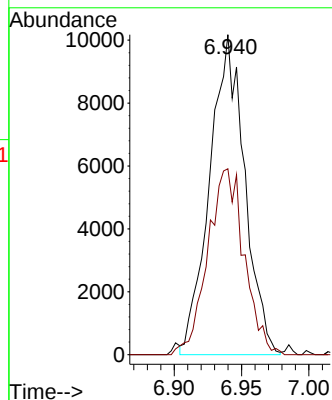
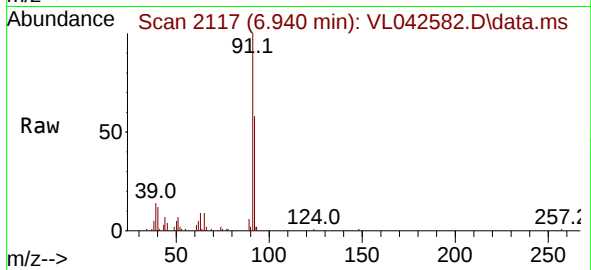
#53
Toluene
Concen: 0.532 ppbv
RT: 6.940 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 18429
Ion Ratio Lower Upper
91 100
92 60.4 48.2 72.4

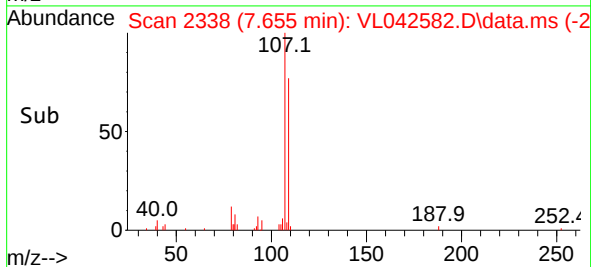
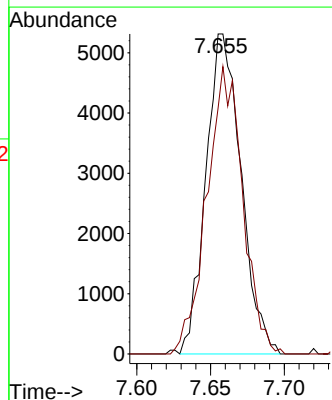
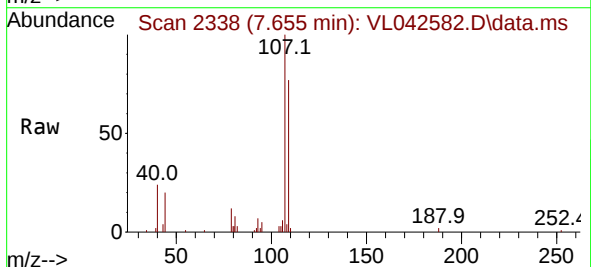
Manual Integrations
APPROVED

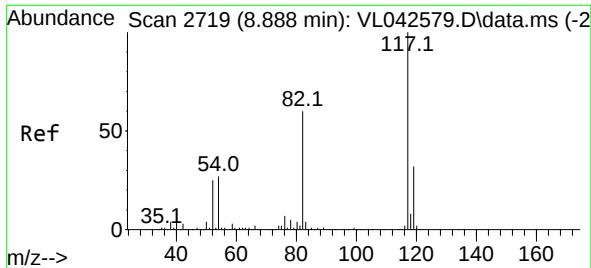
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#54
1,2-Dibromoethane
Concen: 0.518 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Tgt Ion:107 Resp: 8810
Ion Ratio Lower Upper
107 100
109 75.3 74.3 111.5





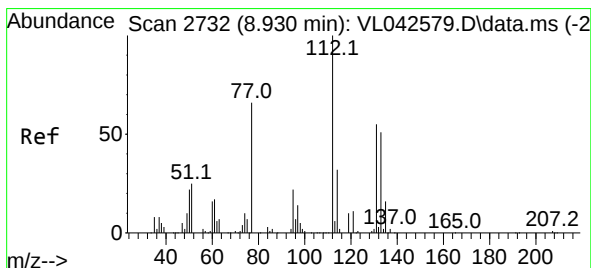
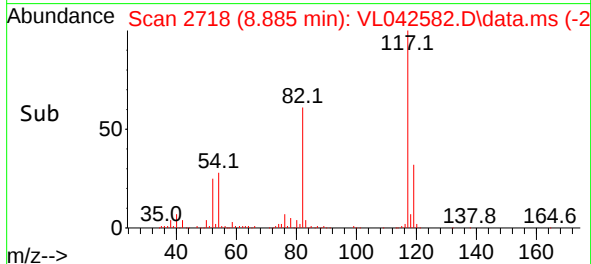
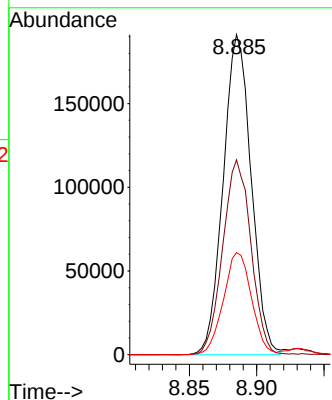
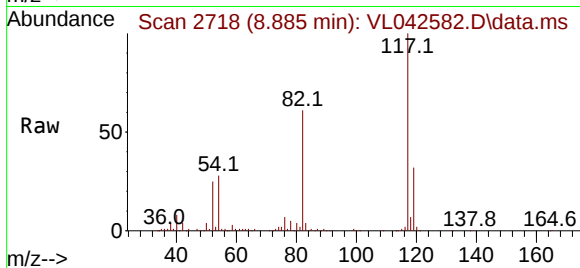
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2719
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 276104
Ion Ratio Lower Upper
117 100
82 61.6 51.2 76.8
119 32.5 26.3 39.5

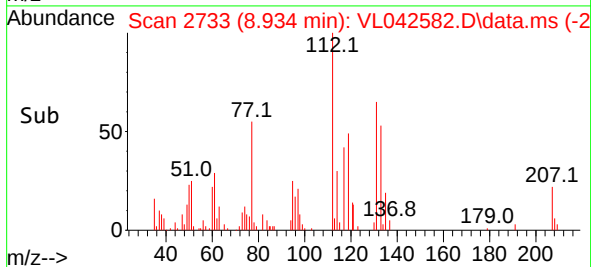
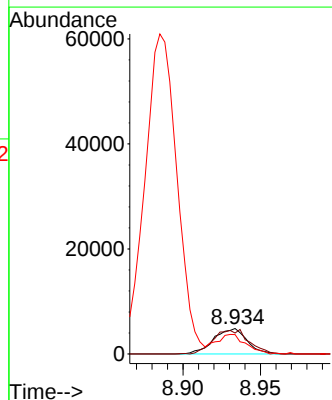
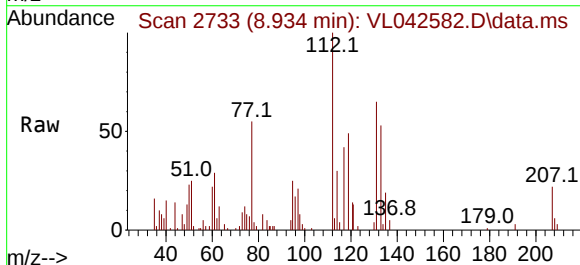
Manual Integrations
APPROVED

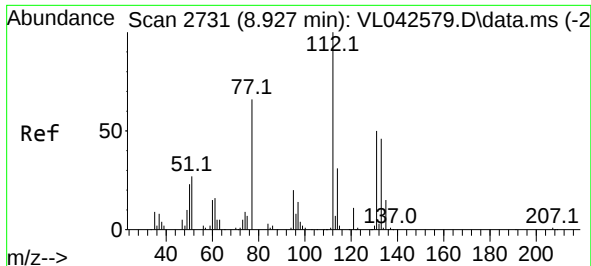
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.517 ppbv
RT: 8.934 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

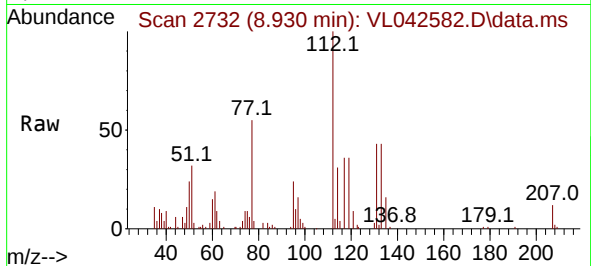
Tgt Ion:131 Resp: 7178
Ion Ratio Lower Upper
131 100
133 102.6 75.0 112.6
119 52.0 50.8 76.2





#57
Chlorobenzene
Concen: 0.557 ppbv
RT: 8.930 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

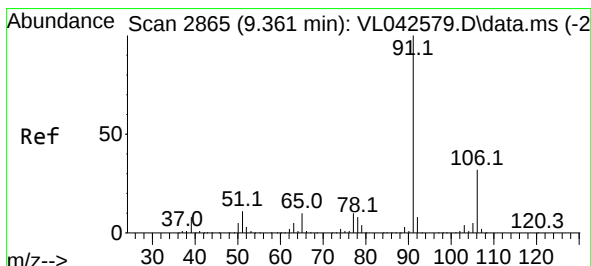
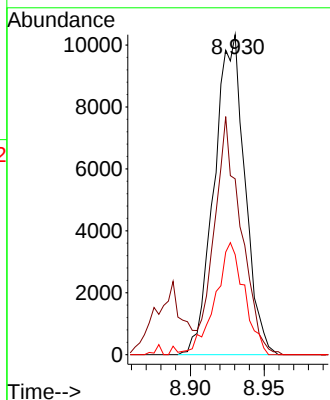
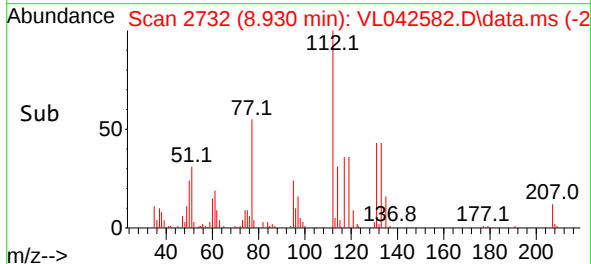
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 14920
Ion Ratio Lower Upper
112 100
77 54.0 53.5 80.3
114 31.2 27.8 34.0

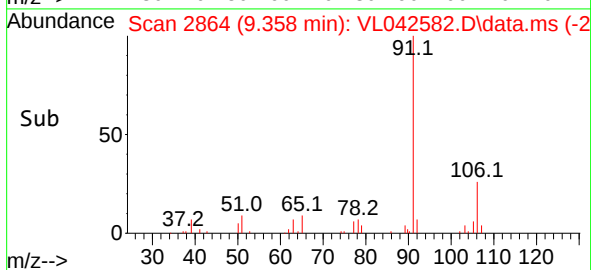
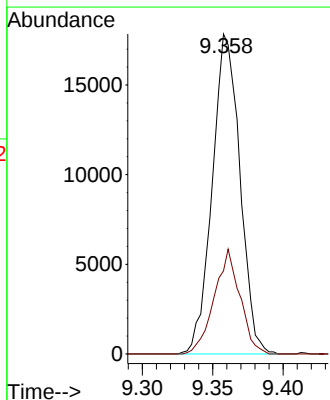
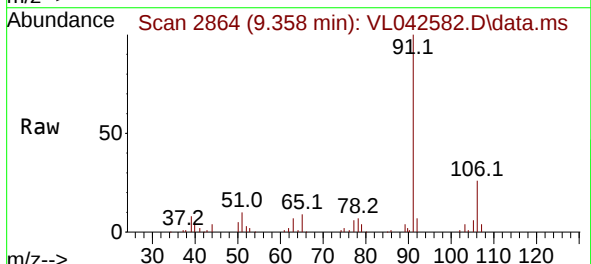
Manual Integrations
APPROVED

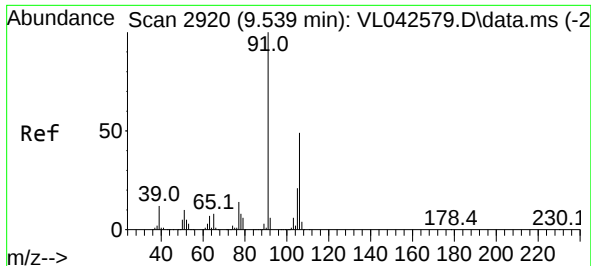
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#58
Ethyl Benzene
Concen: 0.522 ppbv
RT: 9.358 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Tgt Ion: 91 Resp: 24442
Ion Ratio Lower Upper
91 100
106 25.9 25.9 38.9





#59

m/p-Xylene

Concen: 1.057 ppbv m

RT: 9.555 min Scan# 2920

Delta R.T. 0.016 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 91 Resp: 3895

Ion Ratio Lower Upper

91 100

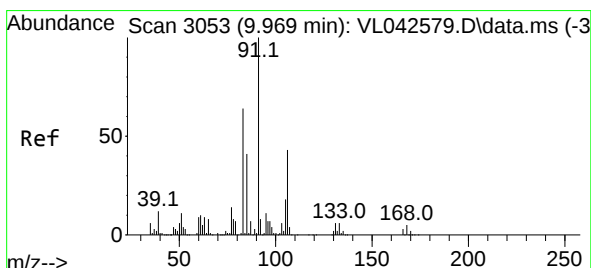
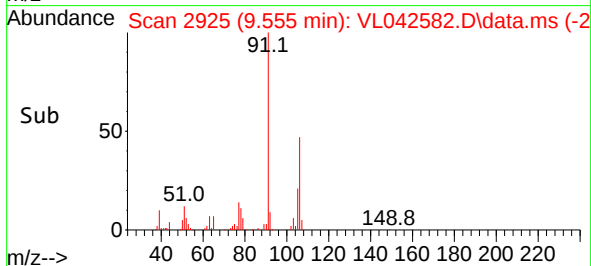
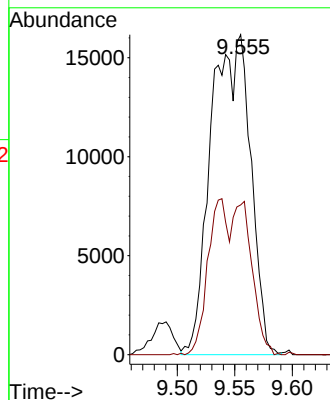
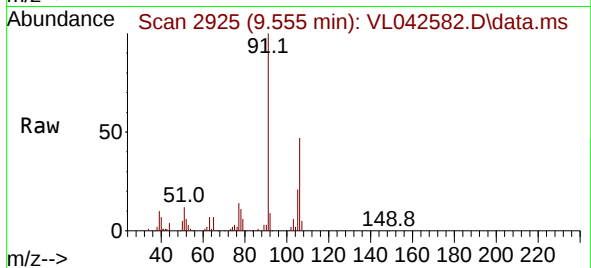
106 0.0 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#60

o-Xylene

Concen: 0.537 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL042582.D

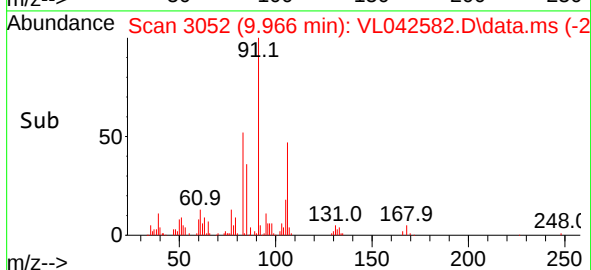
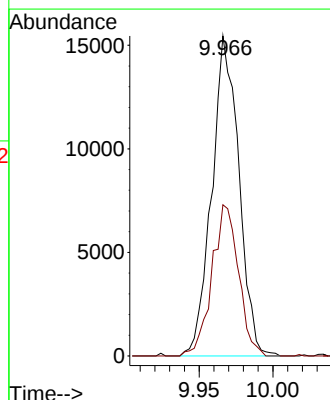
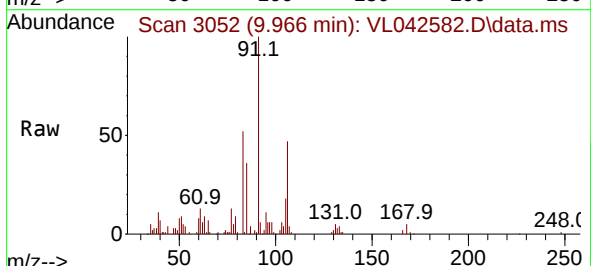
Acq: 29 May 2025 12:47

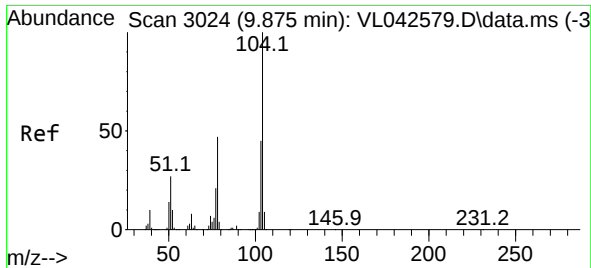
Tgt Ion: 91 Resp: 19745

Ion Ratio Lower Upper

91 100

106 46.2 22.9 68.5





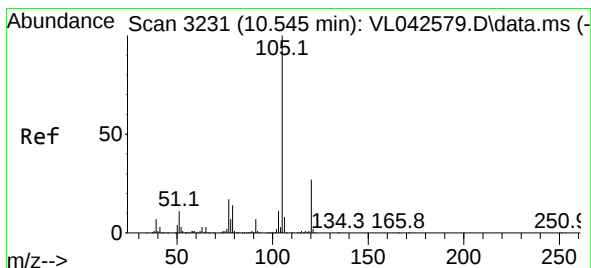
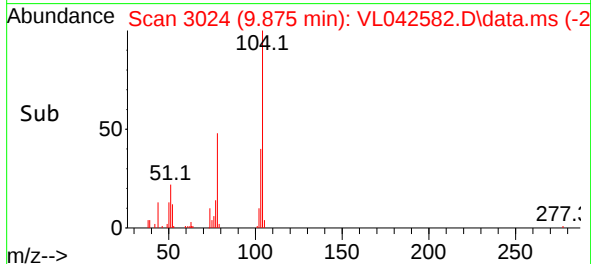
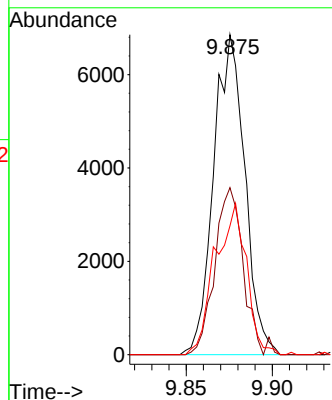
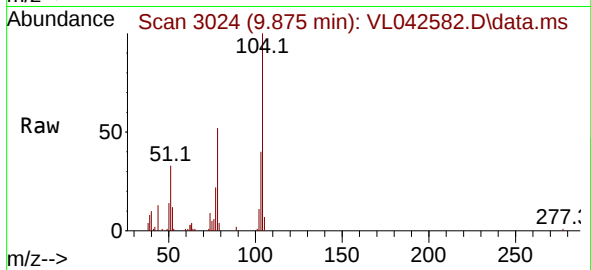
#61
Styrene
Concen: 0.497 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 8639
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.4
103 47.6 36.7 55.1

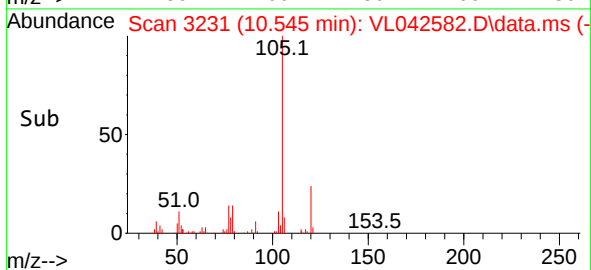
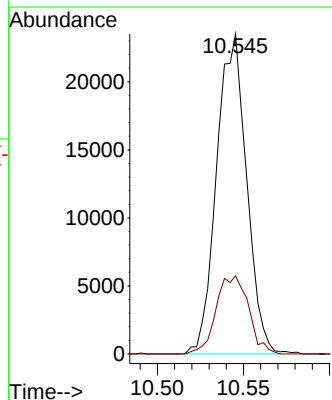
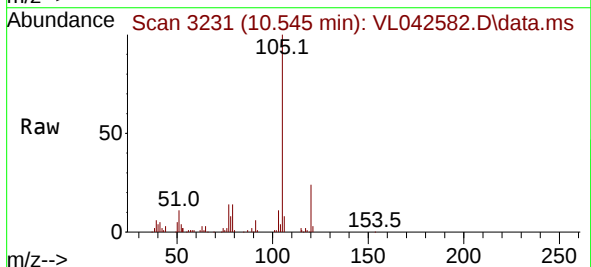
Manual Integrations
APPROVED

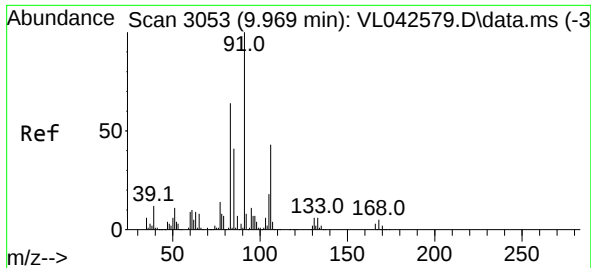
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#62
Isopropylbenzene
Concen: 0.524 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Tgt Ion:105 Resp: 28442
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3





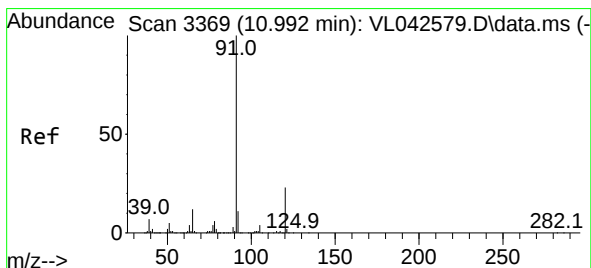
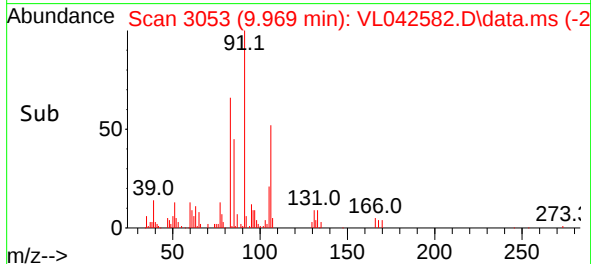
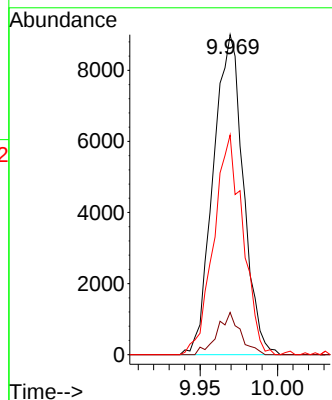
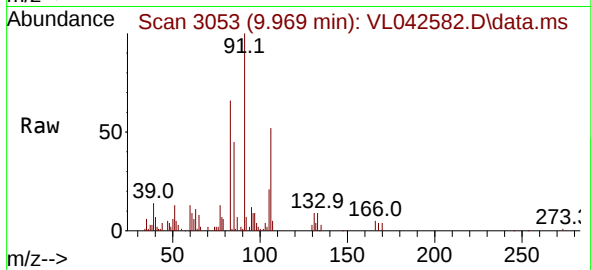
#63
1,1,2,2-Tetrachloroethane
Concen: 0.519 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.8	14.4
85	67.5	32.5	97.4

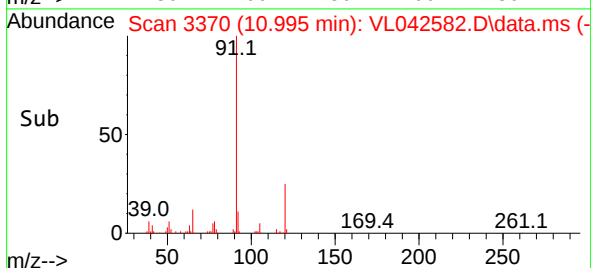
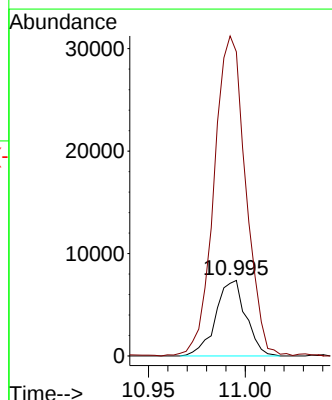
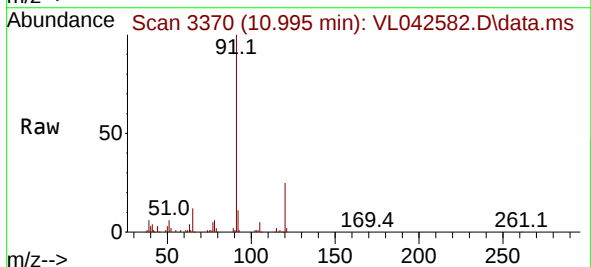
Manual Integrations
APPROVED

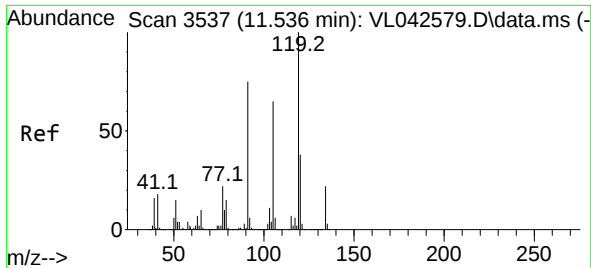
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
n-propylbenzene
Concen: 0.549 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Tgt Ion	Ratio	Lower	Upper
120	100		
91	447.2	363.0	544.6





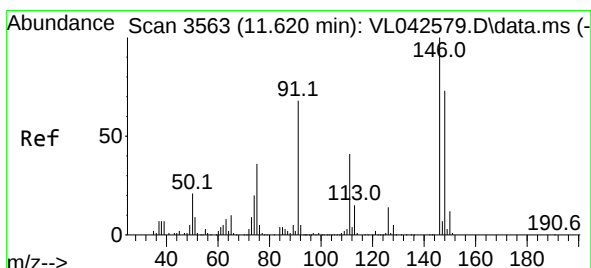
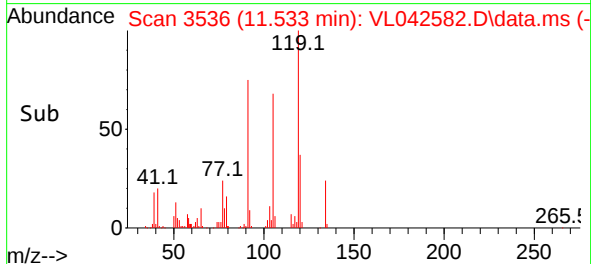
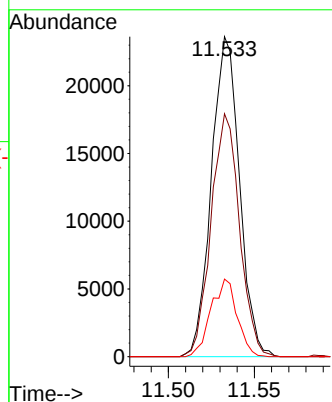
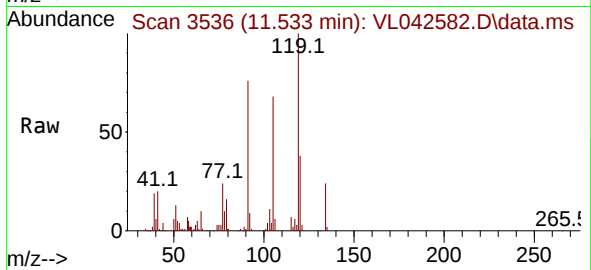
#65
tert-Butylbenzene
Concen: 0.545 ppbv
RT: 11.533 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:	119	Resp:	2685
Ion Ratio	Lower	Upper	
119	100		
91	76.7	61.1	91.7
134	22.6	17.4	26.2

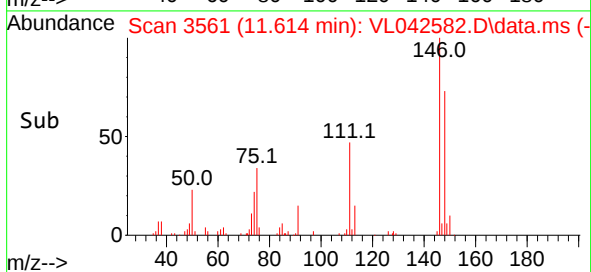
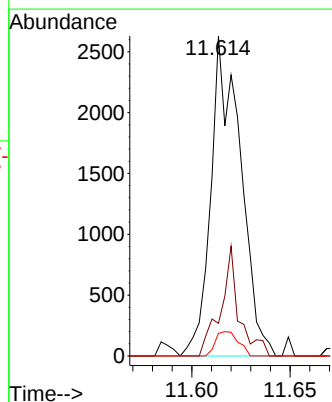
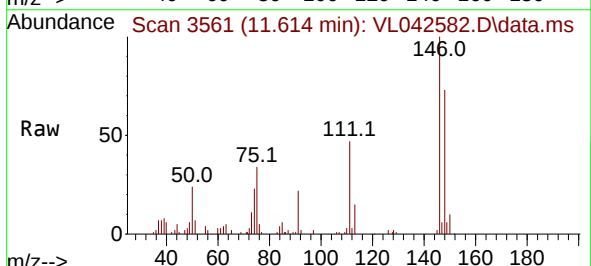
Manual Integrations
APPROVED

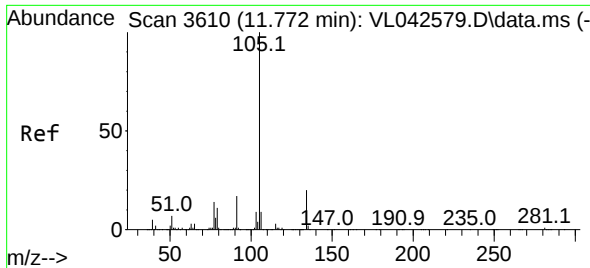
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66
Benzyl Chloride
Concen: 0.433 ppbv m
RT: 11.614 min Scan# 3561
Delta R.T. -0.006 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

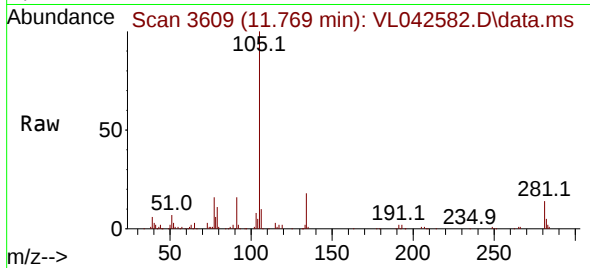
Tgt Ion:	91	Resp:	2753
Ion Ratio	Lower	Upper	
91	100		
126	0.0	15.1	22.7#
128	0.0	5.0	7.6#





#67
 sec-Butylbenzene
 Concen: 0.547 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

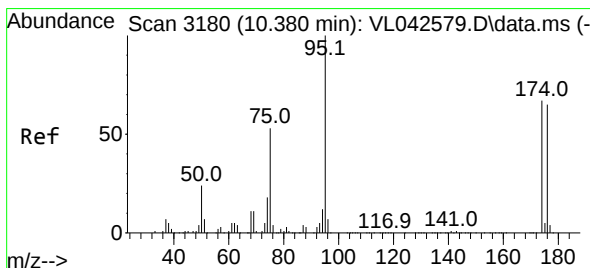
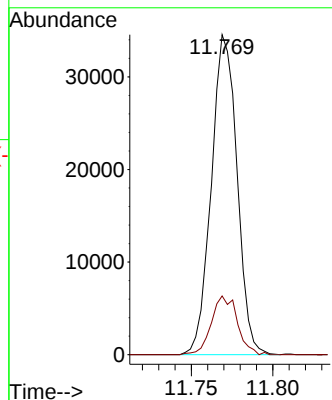
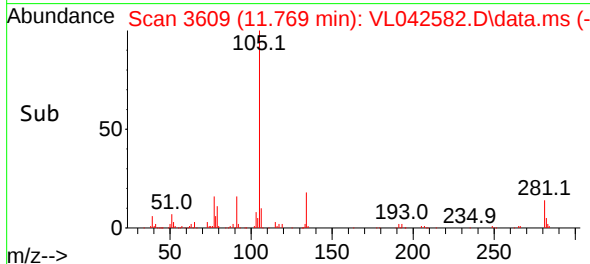
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



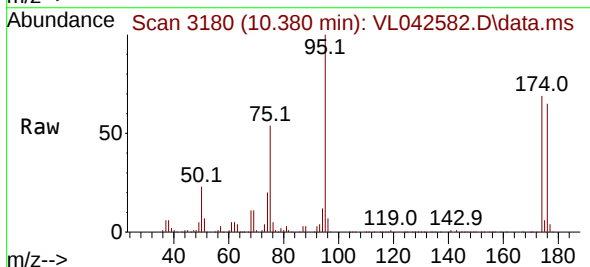
Tgt Ion:105 Resp: 3789
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.8 23.6

Manual Integrations
 APPROVED

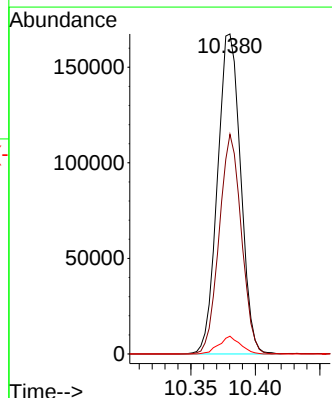
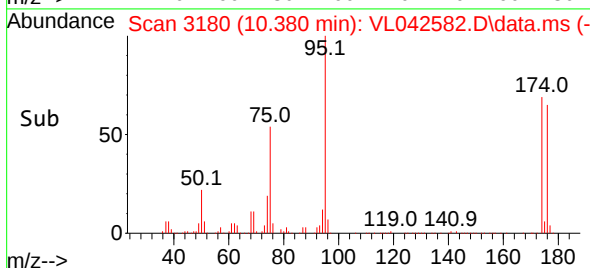
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

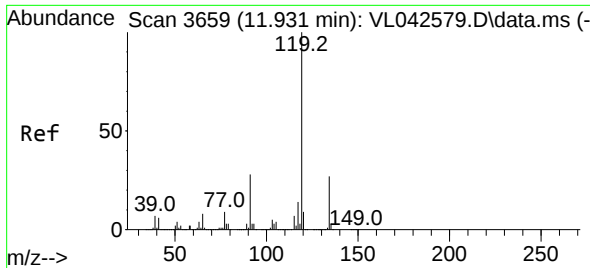


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.065 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47



Tgt Ion: 95 Resp: 208325
 Ion Ratio Lower Upper
 95 100
 174 66.0 53.1 79.7
 175 5.1 4.2 6.2





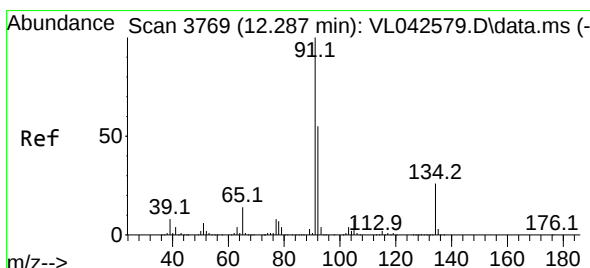
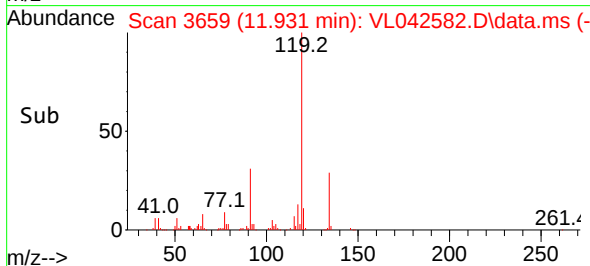
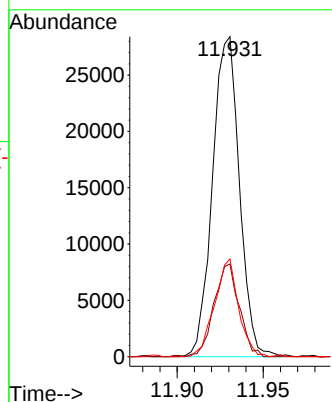
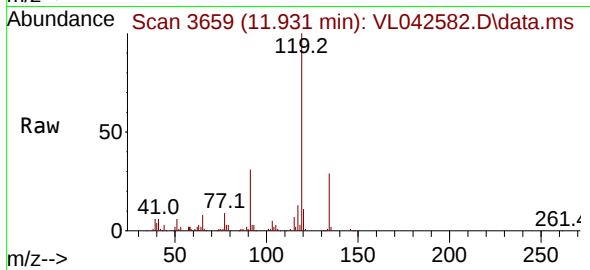
#69
p-Isopropyltoluene
Concen: 0.533 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 3093
Ion Ratio Lower Upper
119 100
134 27.1 21.1 31.7
91 27.5 21.9 32.9

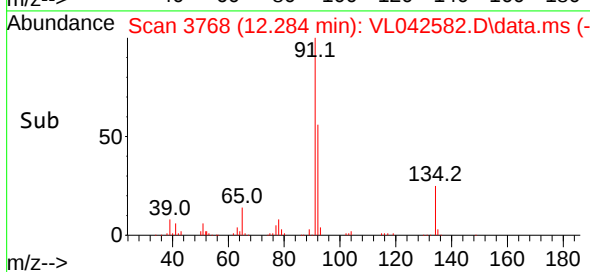
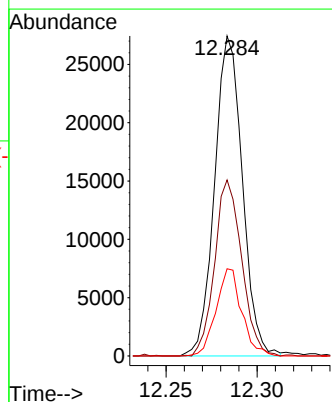
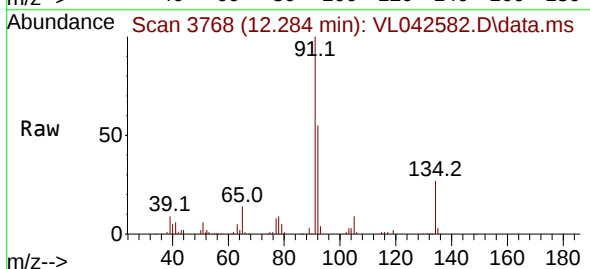
Manual Integrations
APPROVED

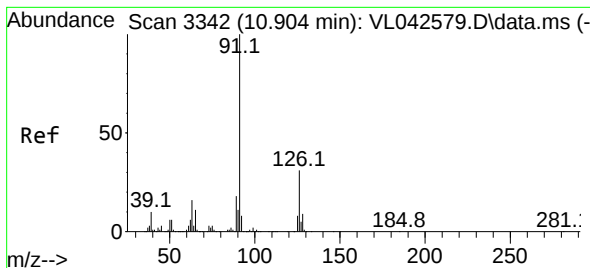
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
n-Butylbenzene
Concen: 0.509 ppbv
RT: 12.284 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

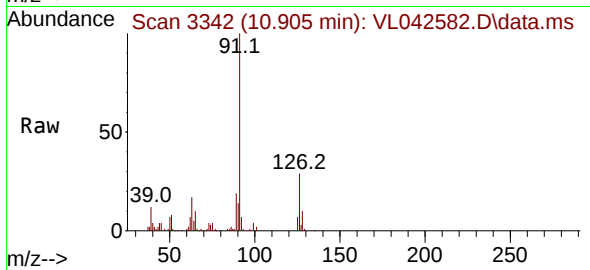
Tgt Ion: 91 Resp: 29130
Ion Ratio Lower Upper
91 100
92 53.7 44.4 66.6
134 25.1 20.1 30.1





#71
2-Chlorotoluene
Concen: 0.534 ppbv
RT: 10.905 min Scan# 3113
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

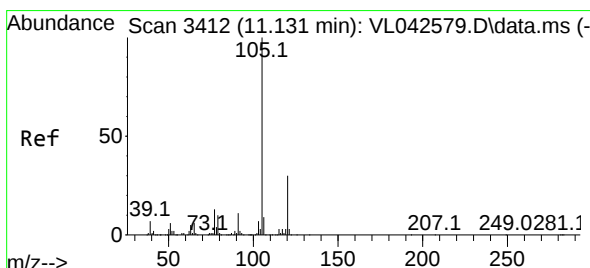
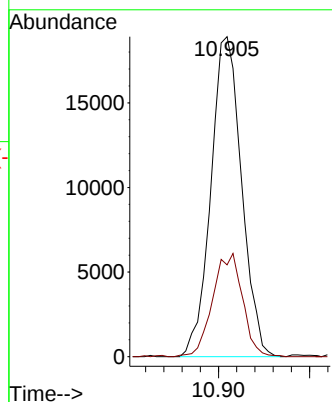
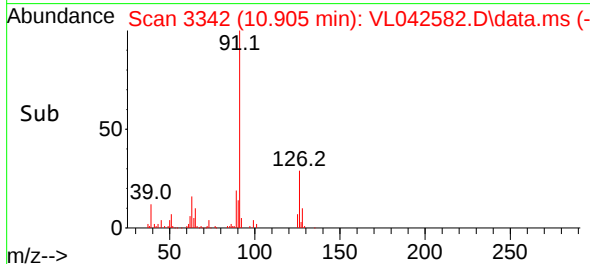
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



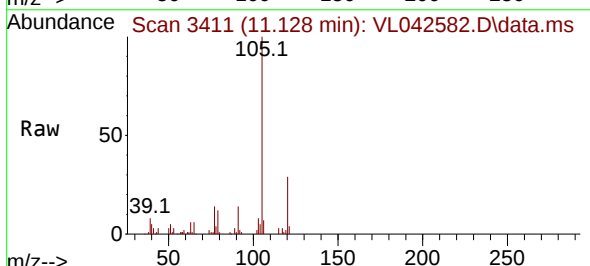
Tgt Ion: 91 Resp: 22135
Ion Ratio Lower Upper
91 100
126 31.5 12.6 50.4

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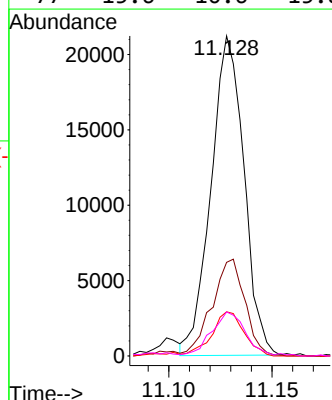
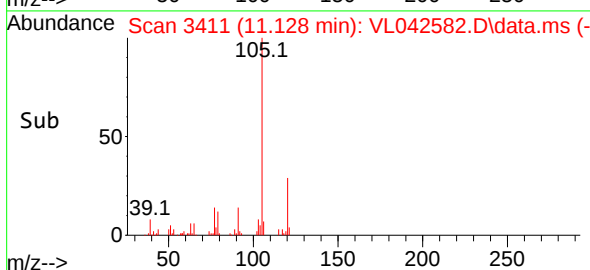
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

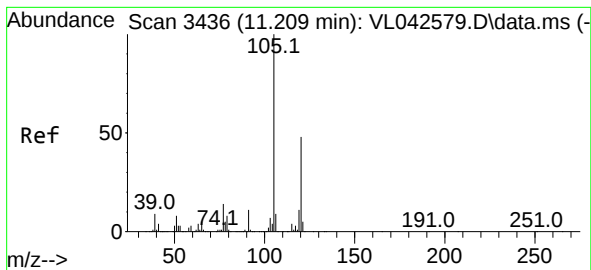


#72
4-Ethyltoluene
Concen: 0.513 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



Tgt Ion:105 Resp: 23521
Ion Ratio Lower Upper
105 100
120 31.5 24.6 36.8
91 14.3 9.6 14.4
77 15.6 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 0.524 ppbv

RT: 11.206 min Scan# 3436

Delta R.T. -0.003 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

Instrument :

MSVOA_L

ClientSampleId :

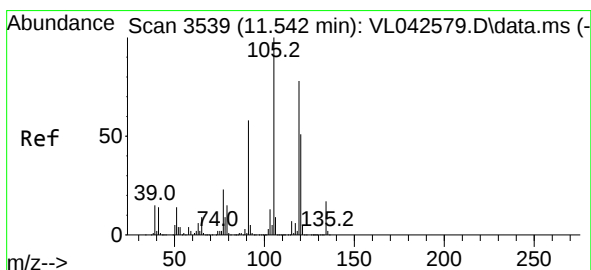
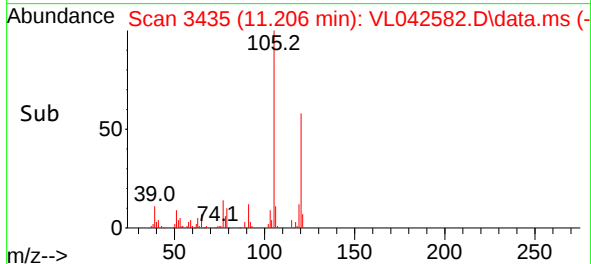
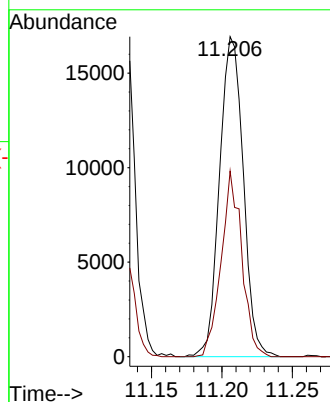
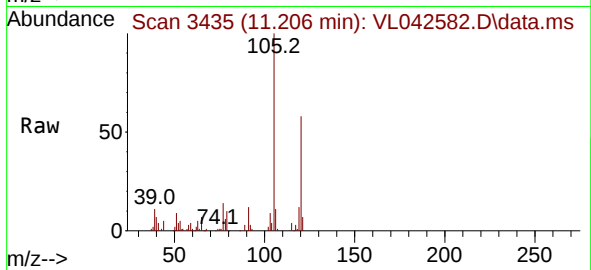
VSTDICC0.5

Tgt Ion:105 Resp: 1989
 Ion Ratio Lower Upper
 105 100
 120 58.0 38.8 58.2

Manual Integrations

APPROVED

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



#74

1,2,4-Trimethylbenzene

Concen: 0.538 ppbv

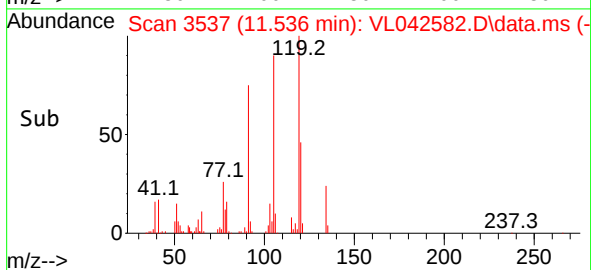
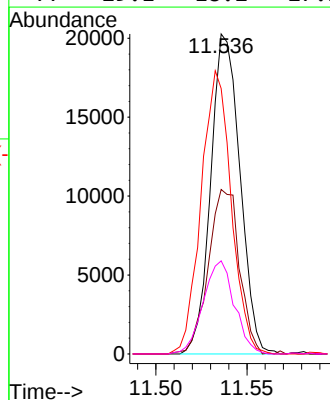
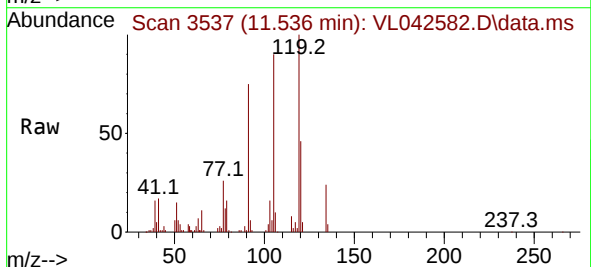
RT: 11.536 min Scan# 3537

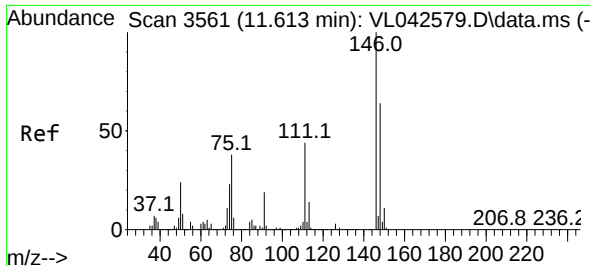
Delta R.T. -0.006 min

Lab File: VL042582.D

Acq: 29 May 2025 12:47

Tgt Ion:105 Resp: 22635
 Ion Ratio Lower Upper
 105 100
 120 50.6 40.8 61.2
 91 83.0 46.8 70.2#
 77 29.1 18.2 27.2#





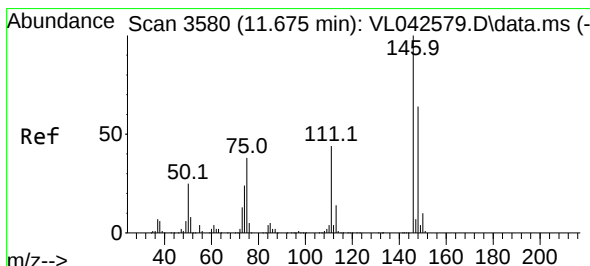
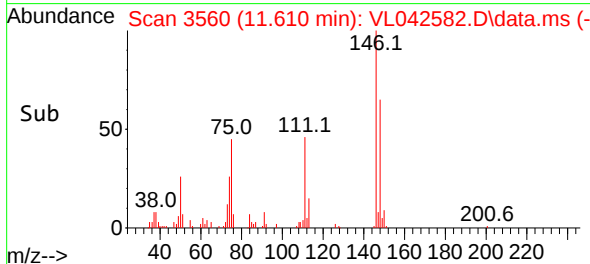
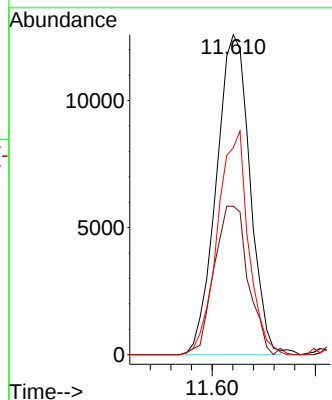
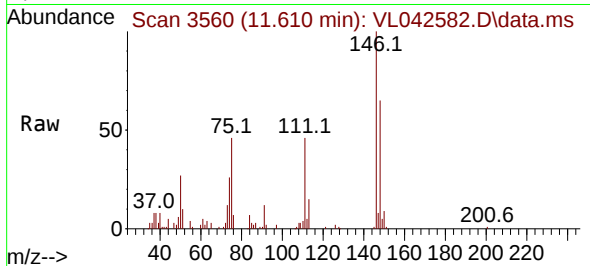
#75
1,3-Dichlorobenzene
Concen: 0.538 ppbv
RT: 11.610 min Scan# 3561
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 1423
Ion Ratio Lower Upper
146 100
111 47.3 22.4 67.3
148 64.2 32.0 96.2

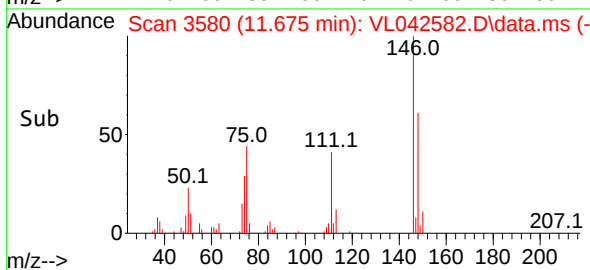
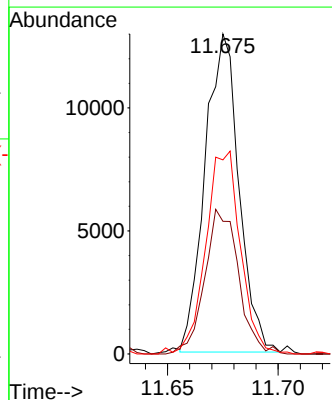
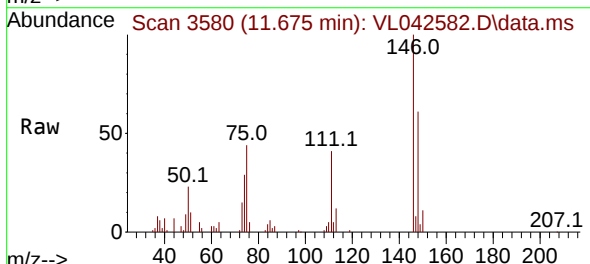
Manual Integrations
APPROVED

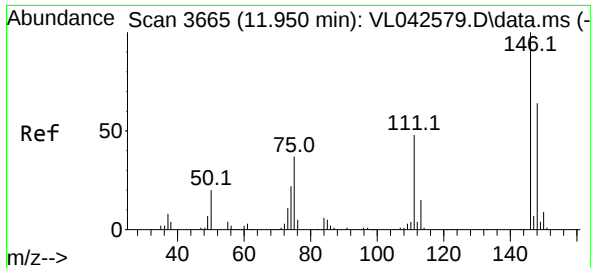
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76
1,4-Dichlorobenzene
Concen: 0.522 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

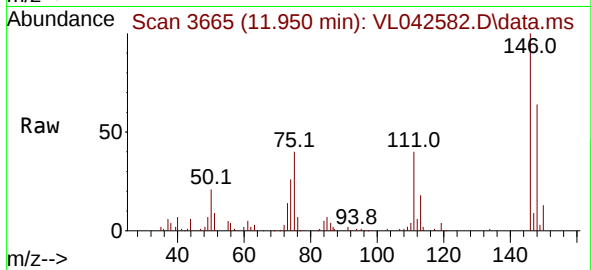
Tgt Ion:146 Resp: 13773
Ion Ratio Lower Upper
146 100
111 45.3 21.6 64.8
148 65.5 32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 0.548 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

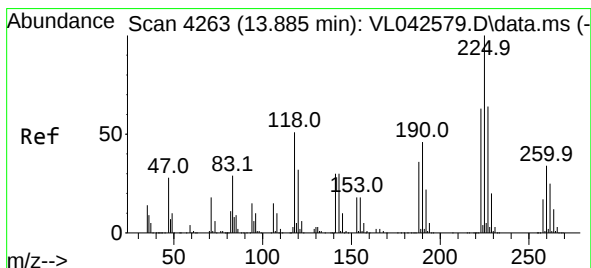
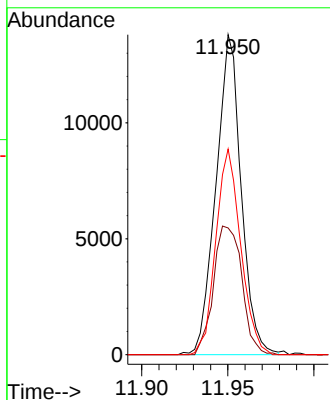
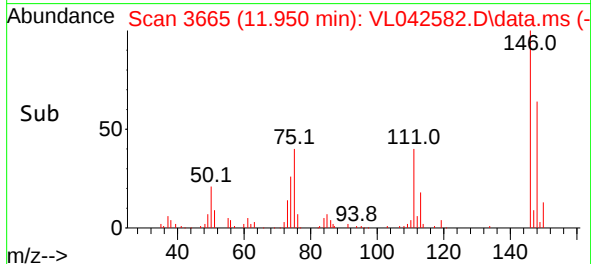
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



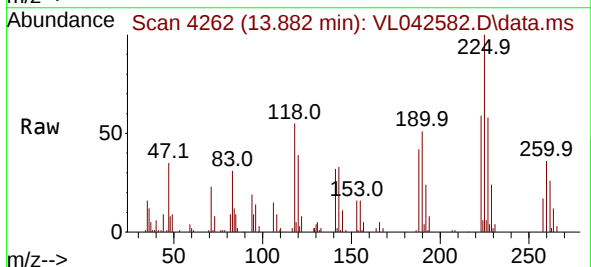
Tgt Ion:146 Resp: 14062
Ion Ratio Lower Upper
146 100
111 45.2 23.1 69.3
148 63.5 32.1 96.3

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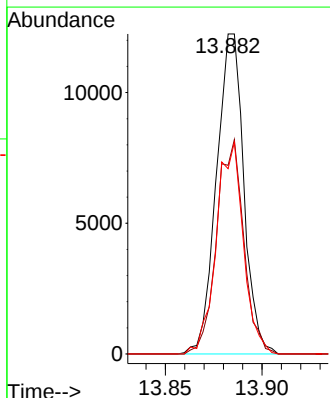
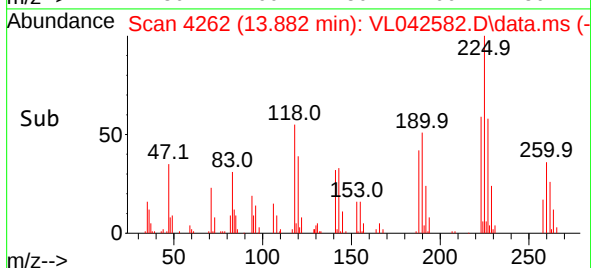
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

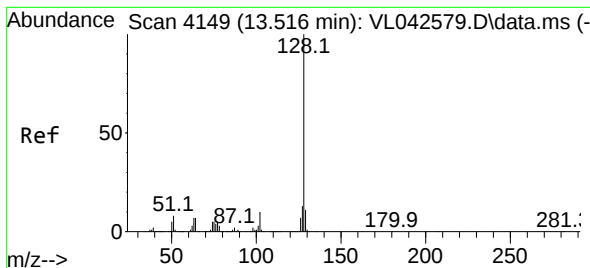


#78
Hexachloro-1,3-Butadiene
Concen: 0.567 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



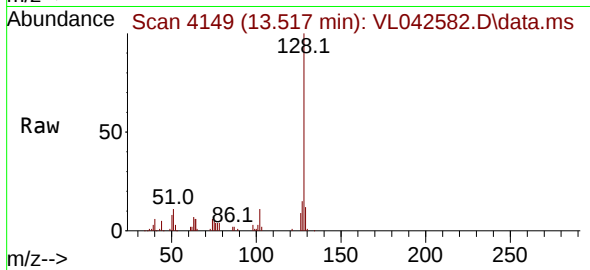
Tgt Ion:225 Resp: 12036
Ion Ratio Lower Upper
225 100
223 66.2 50.2 75.4
227 65.3 51.1 76.7





#79
Naphthalene
Concen: 0.477 ppbv
RT: 13.517 min Scan# 4149
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47

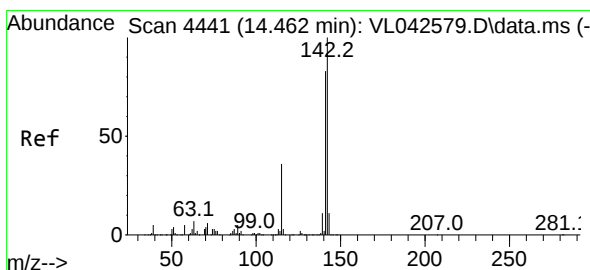
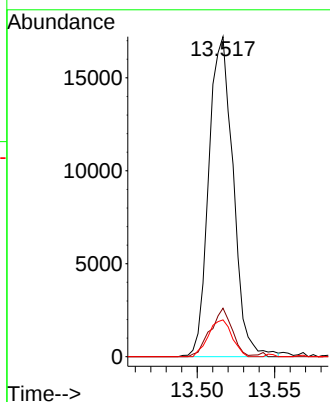
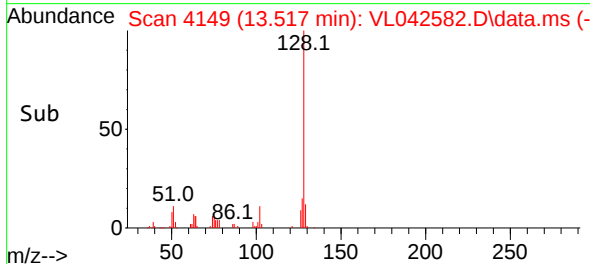
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



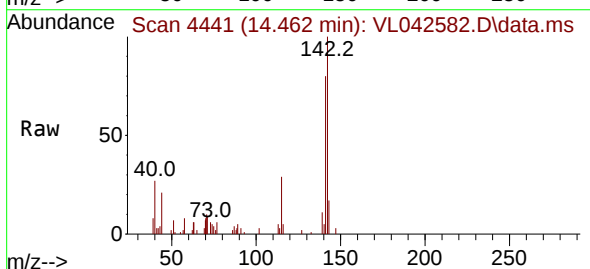
Tgt Ion:128 Resp: 1885
Ion Ratio Lower Upper
128 100
127 15.1 10.2 15.4
129 11.5 8.8 13.2

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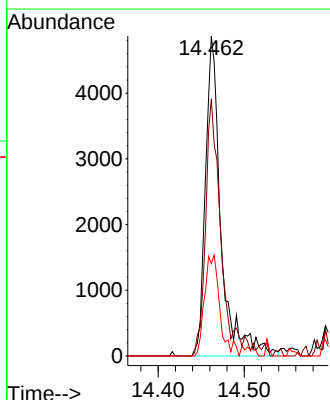
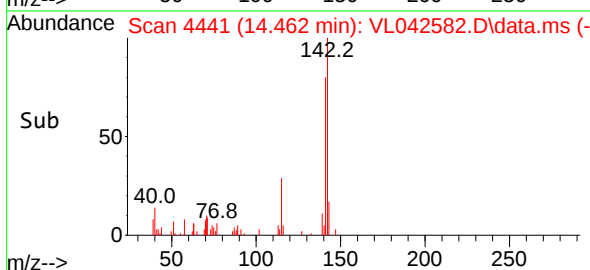
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

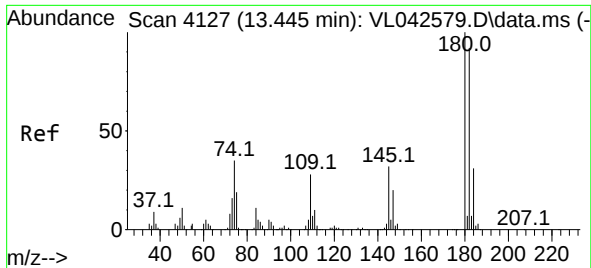


#80
Naphthalene,2-methyl-
Concen: 0.342 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.000 min
Lab File: VL042582.D
Acq: 29 May 2025 12:47



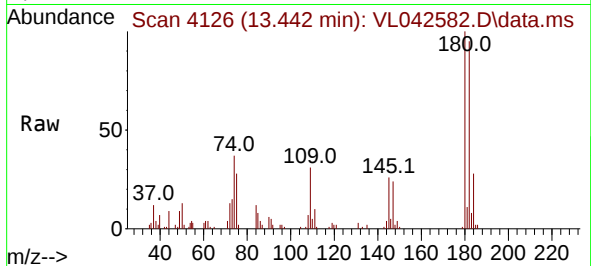
Tgt Ion:142 Resp: 6126
Ion Ratio Lower Upper
142 100
141 81.6 66.2 99.4
115 33.8 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 0.446 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042582.D
 Acq: 29 May 2025 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 9879
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.0 112.4
 184 28.9 24.6 36.8

Manual Integrations
 APPROVED

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

