

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042509.D
 Acq On : 07 May 2025 09:42
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: May 08 01:21:49 2025

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	81937	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	215229	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	182826	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 170192 10.041 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	131205	9.676	ppbv	97
3) Chlorodifluoromethane	1.476	51	145069	10.119	ppbv	96
4) Chloromethane	1.534	50	54815	9.672	ppbv	89
5) Vinyl Chloride	1.580	62	50814	8.906	ppbv	99
6) Bromomethane	1.667	94	25268	9.373	ppbv	87
7) Chloroethane	1.706	64	20891	9.916	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	108696	9.724	ppbv	100
9) Propene	1.486	41	50083	10.681	ppbv	99
10) Heptane	4.985	43	131503	10.812	ppbv	98
11) Trichlorofluoromethane	1.877	101	121527	9.713	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	98122	9.822	ppbv	100
13) Ethanol	1.722	45	6980	7.335	ppbv	98
14) Bromoethene	1.783	108	37590	10.192	ppbv	93
15) Acetone	1.835	43	115866	7.746	ppbv	97
16) 1,3-Butadiene	1.609	39	58778	8.910	ppbv	95
17) tert-Butyl alcohol	2.042	59	121269	9.202	ppbv	99
18) 1,1-Dichloroethene	2.036	96	44860	9.617	ppbv	96
19) Isopropyl Alcohol	1.887	45	74491	8.998	ppbv #	1
20) Methylene Chloride	2.062	84	37490	8.337	ppbv	88
21) Allyl Chloride	2.097	41	92613	9.628	ppbv	100
22) trans-1,2-Dichloroethene	2.340	96	47443	8.708	ppbv	90
23) Vinyl Acetate	2.463	43	151401	10.606	ppbv	98
24) 1,1-Dichloroethane	2.408	63	101794	9.158	ppbv	99
25) Ethyl Acetate	2.839	43	254347	10.620	ppbv	99
26) Hexane	2.829	57	112974	10.828	ppbv	96
27) Carbon Disulfide	2.149	76	122933	10.096	ppbv #	88
28) Methyl tert-Butyl Ether	2.441	73	54473	8.690	ppbv	98
29) Chloroform	2.852	83	193237	9.883	ppbv	96
30) Cyclohexane	3.858	84	90271	10.348	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	120301	9.883	ppbv	99
32) 1,1,1-Trichloroethane	3.373	97	200142	9.435	ppbv	100
34) 2-Butanone	2.560	43	168161	10.802	ppbv	97
35) Carbon Tetrachloride	3.764	117	201528	10.308	ppbv	95
36) Benzene	3.661	78	226700	11.162	ppbv	95
37) 1,2-Dichloroethane	3.221	62	160091	10.227	ppbv	98
38) Trichloroethene	4.551	130	83625	10.796	ppbv	96
39) 1,2-Dichloropropane	4.318	63	80716	10.616	ppbv	98
40) 1,4-Dioxane	4.586	88	35408	9.945	ppbv #	100
41) Tetrahydrofuran	3.055	42	82533	11.155	ppbv	98
42) Bromodichloromethane	4.493	83	204775	10.706	ppbv	98
43) Methyl Methacrylate	4.887	69	87338	11.523	ppbv	96
44) 2,2,4-Trimethylpentane	4.645	57	374553	11.377	ppbv	98
45) t-1,3-Dichloropropene	6.425	75	110481	11.111	ppbv	91

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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: May 08 01:21:49 2025

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

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

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

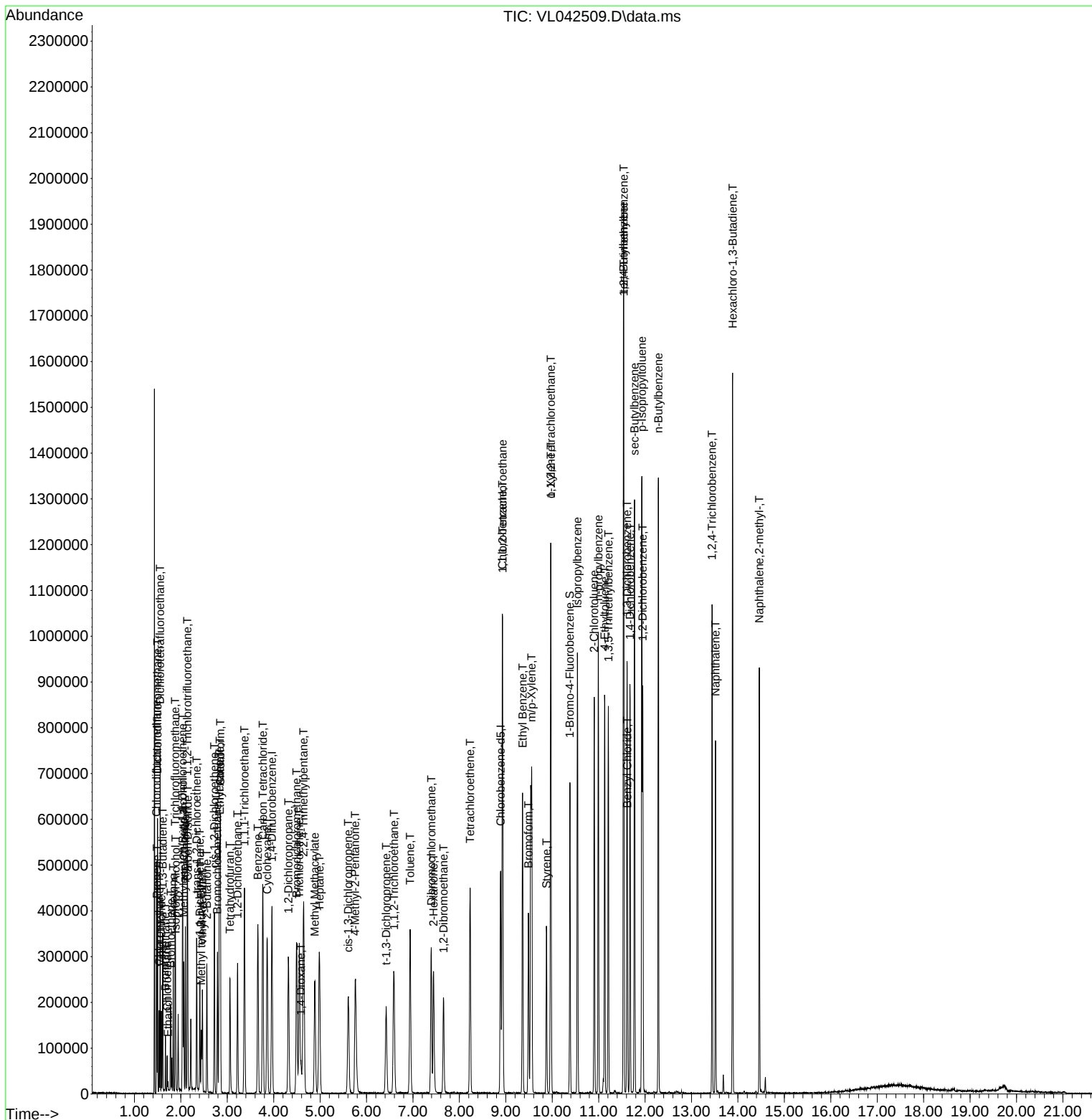
Response via : Initial Calibration

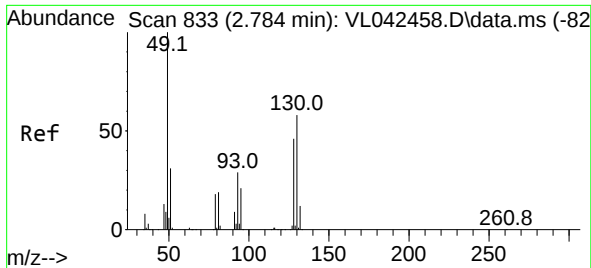
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	133045	11.258	ppbv	98
47) 1,1,2-Trichloroethane	6.593	97	87711m	10.518	ppbv	
48) Dibromochloromethane	7.396	129	152350	10.822	ppbv	97
49) Bromoform	9.487	173	124438	10.540	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	215964	10.967	ppbv	97
51) 2-Hexanone	7.441	43	170305	10.817	ppbv #	96
52) Tetrachloroethene	8.231	164	73780	9.544	ppbv	89
53) Toluene	6.939	91	241726	11.244	ppbv	100
54) 1,2-Dibromoethane	7.658	107	133900	10.503	ppbv	88
56) 1,1,1,2-Tetrachloroethane	8.930	131	115060	10.656	ppbv	98
57) Chlorobenzene	8.927	112	192494	10.478	ppbv	99
58) Ethyl Benzene	9.360	91	343106	11.230	ppbv	96
59) m/p-Xylene	9.555	91	595807m	23.261	ppbv	
60) o-Xylene	9.969	91	298656	11.646	ppbv	100
61) Styrene	9.878	104	110233	11.518	ppbv	95
62) Isopropylbenzene	10.542	105	419436	11.338	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	186673	10.558	ppbv	99
64) n-propylbenzene	10.995	120	104127	11.517	ppbv	96
65) tert-Butylbenzene	11.535	119	371392	11.250	ppbv	99
66) Benzyl Chloride	11.620	91	50858	13.329	ppbv	98
67) sec-Butylbenzene	11.772	105	537314	11.453	ppbv	99
69) p-Isopropyltoluene	11.930	119	443828	11.229	ppbv	99
70) n-Butylbenzene	12.286	91	469958	11.502	ppbv	100
71) 2-Chlorotoluene	10.904	91	327837	11.299	ppbv	100
72) 4-Ethyltoluene	11.128	105	353544	11.693	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	307198	11.552	ppbv	97
74) 1,2,4-Trimethylbenzene	11.542	105	345199	10.729	ppbv	93
75) 1,3-Dichlorobenzene	11.610	146	189617	10.586	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	191595	11.303	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	184789	10.540	ppbv	99
78) Hexachloro-1,3-Butadiene	13.885	225	159400	9.104	ppbv	99
79) Naphthalene	13.516	128	322955	11.923	ppbv #	95
80) Naphthalene,2-methyl-	14.461	142	234392	11.643	ppbv	100
81) 1,2,4-Trichlorobenzene	13.442	180	155280	10.749	ppbv	98

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

Manual Integrations APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration





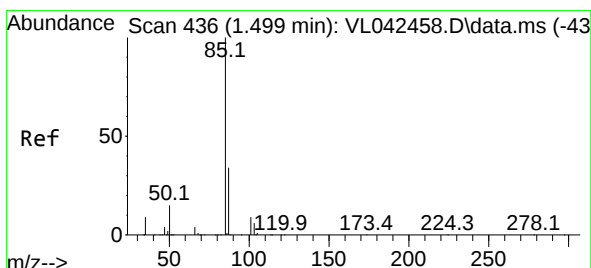
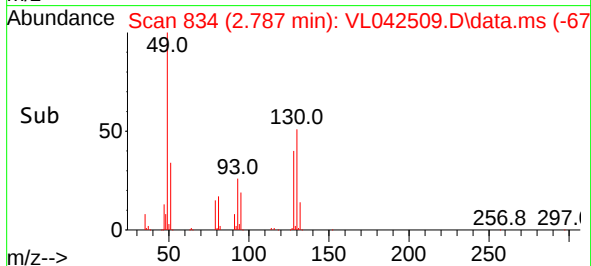
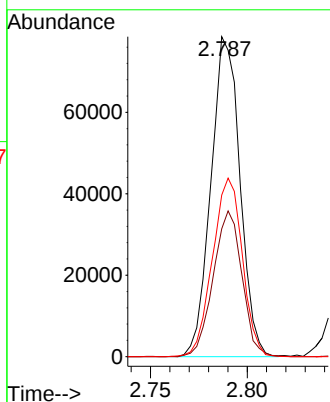
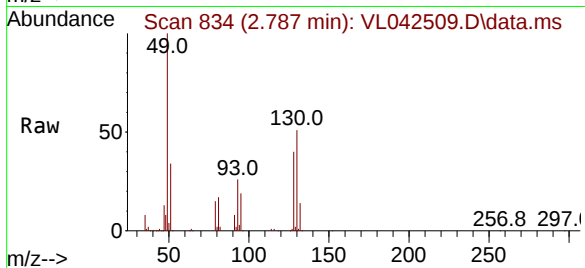
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 8193
Ion Ratio Lower Upper
49 100
128 45.1 23.3 69.9
130 57.4 29.5 88.6

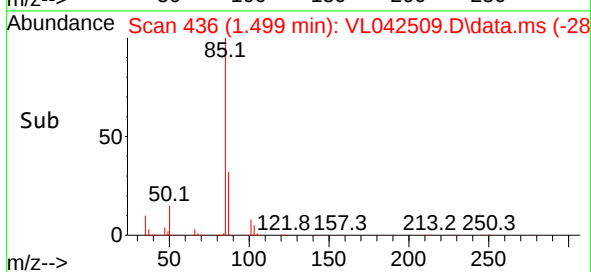
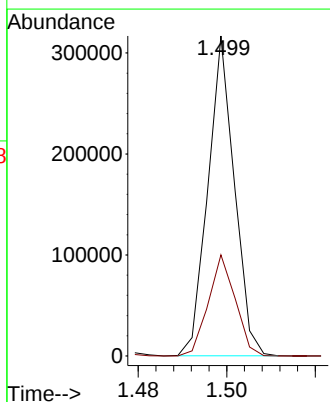
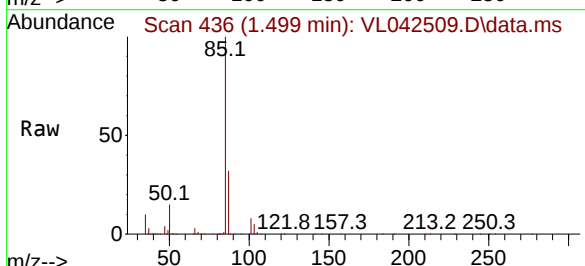
Manual Integrations
APPROVED

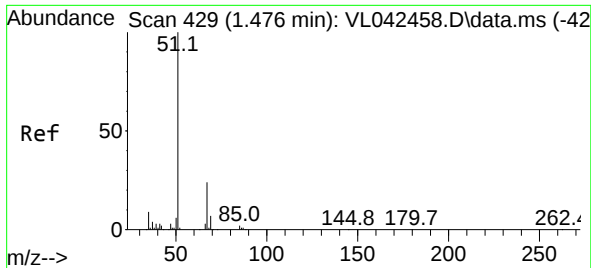
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 9.676 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion: 85 Resp: 131205
Ion Ratio Lower Upper
85 100
87 31.6 26.9 40.3





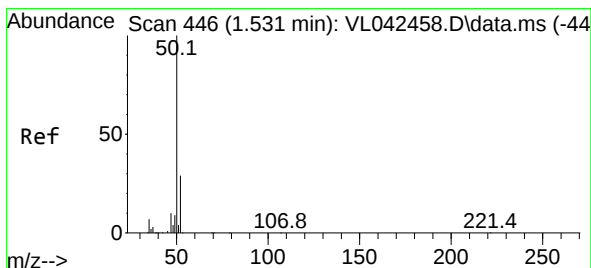
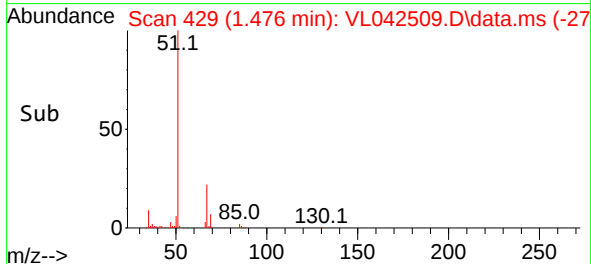
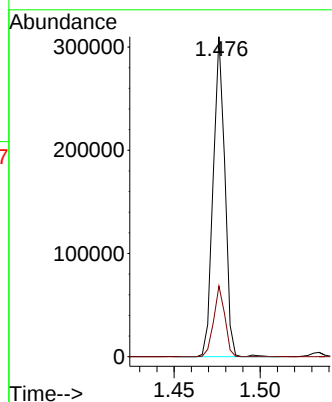
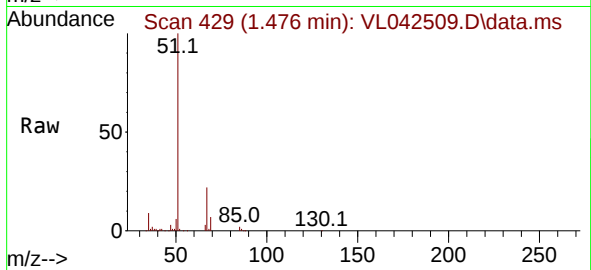
#3
Chlorodifluoromethane
Concen: 10.119 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 145069
Ion Ratio Lower Upper
51 100
67 21.2 18.4 27.6

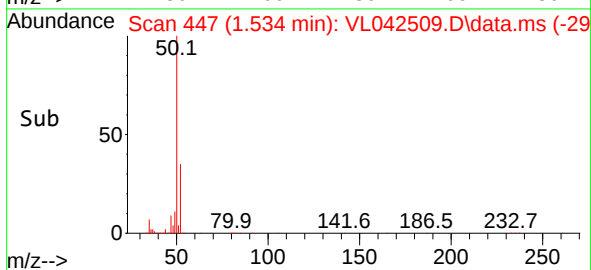
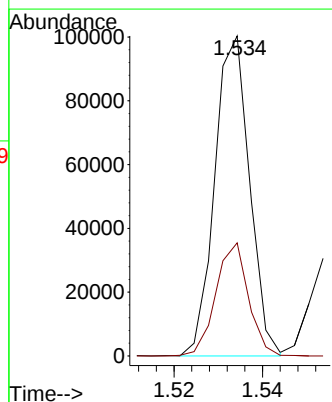
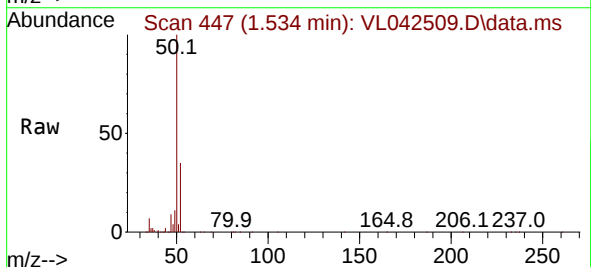
Manual Integrations
APPROVED

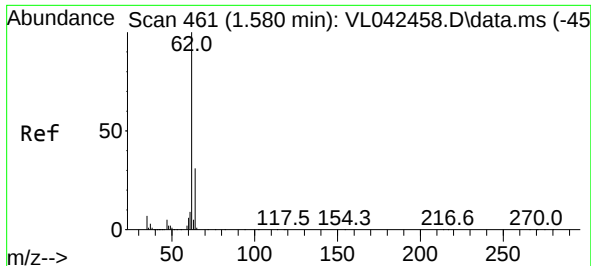
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 9.672 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion: 50 Resp: 54815
Ion Ratio Lower Upper
50 100
52 35.2 23.5 35.3





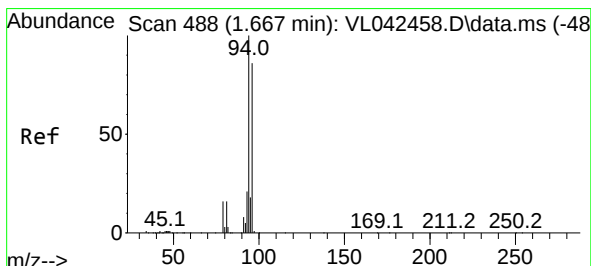
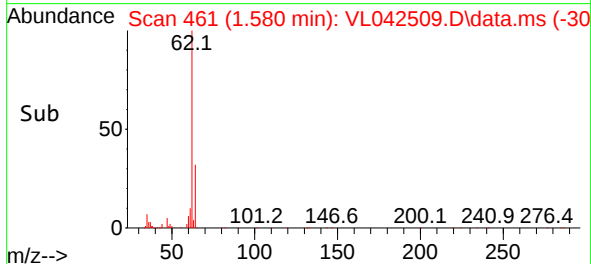
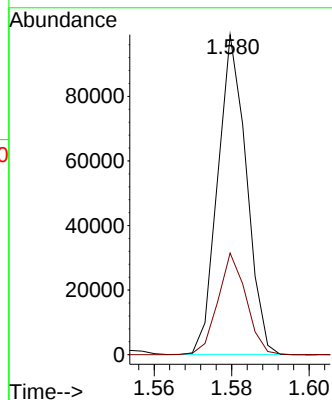
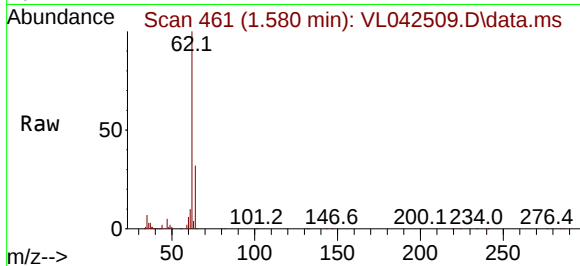
#5
Vinyl Chloride
Concen: 8.906 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.000 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 50814
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3

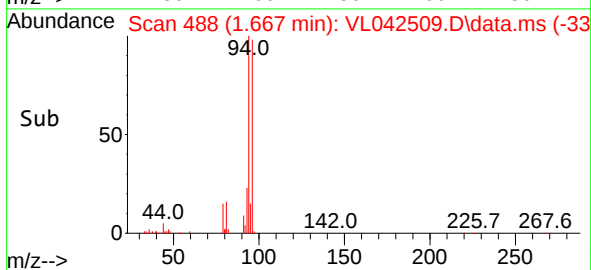
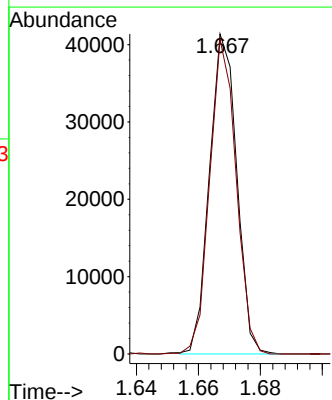
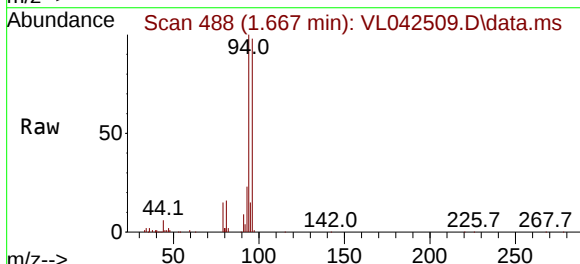
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#6
Bromomethane
Concen: 9.373 ppbv
RT: 1.667 min Scan# 488
Delta R.T. -0.000 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

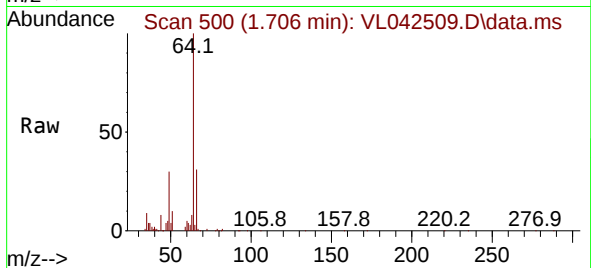
Tgt Ion: 94 Resp: 25268
Ion Ratio Lower Upper
94 100
96 98.3 68.8 103.2





#7
Chloroethane
Concen: 9.916 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

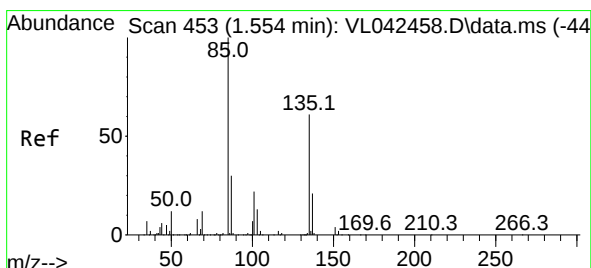
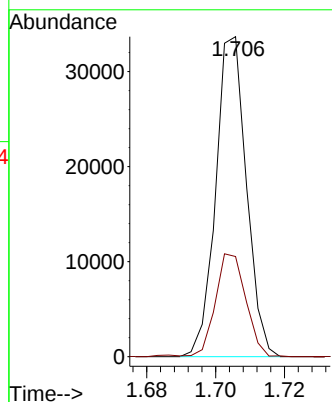
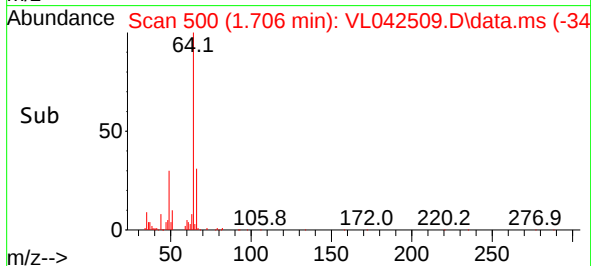
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 2089
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.4

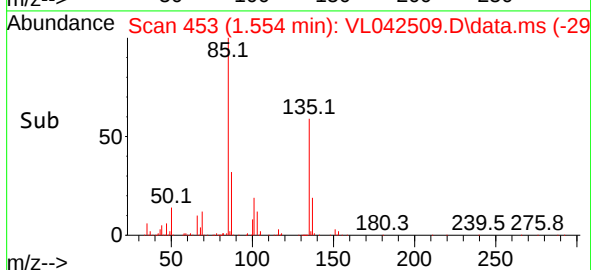
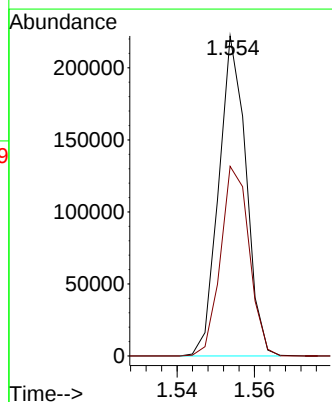
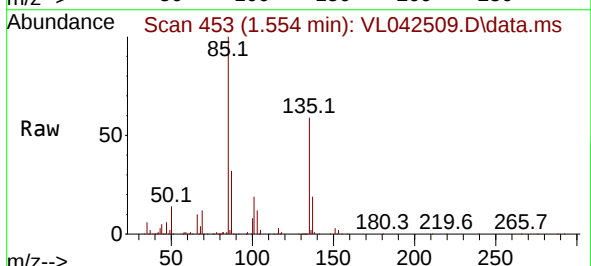
Manual Integrations
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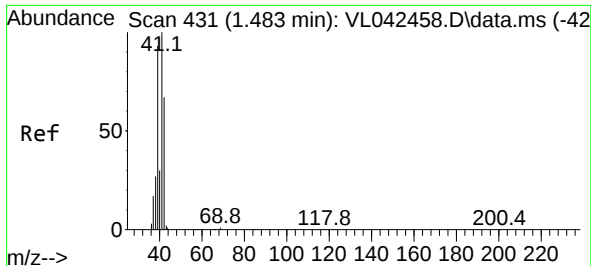
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#8
Dichlorotetrafluoroethane
Concen: 9.724 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion: 85 Resp: 108696
Ion Ratio Lower Upper
85 100
135 62.3 49.8 74.8





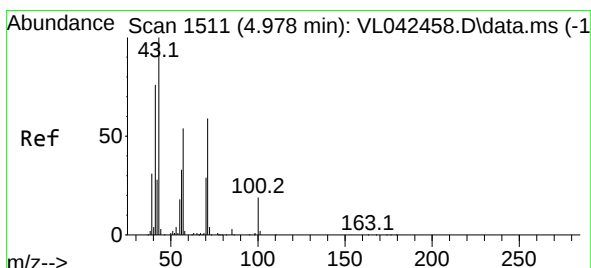
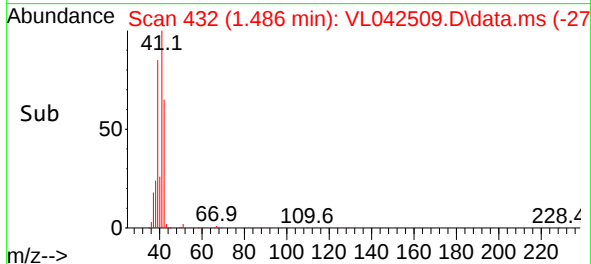
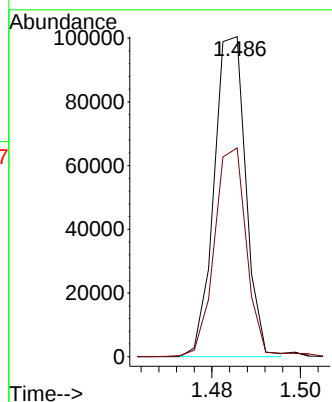
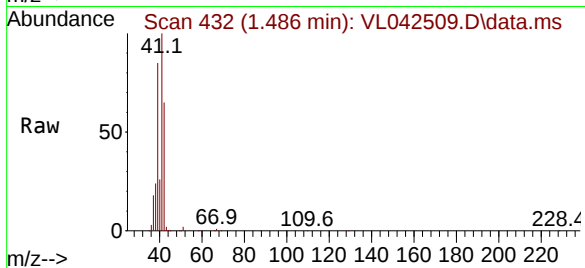
#9
 Propene
 Concen: 10.681 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 5008
 Ion Ratio Lower Upper
 41 100
 42 66.9 54.3 81.5

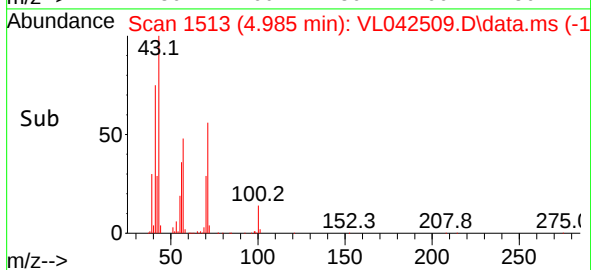
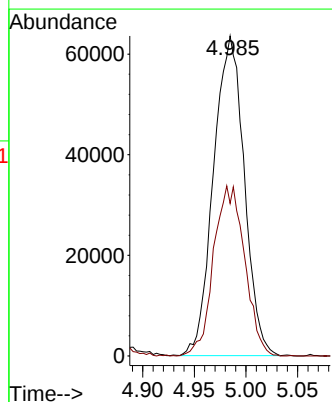
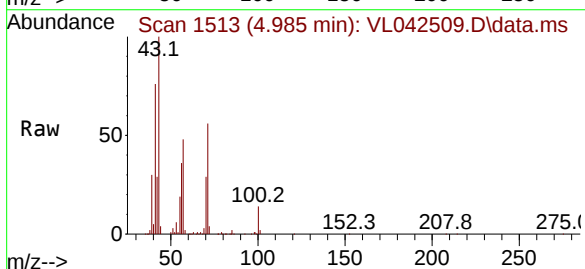
Manual Integrations
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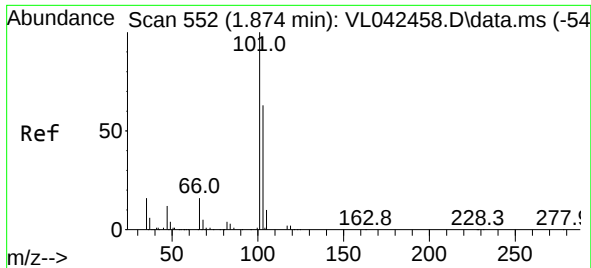
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#10
 Heptane
 Concen: 10.812 ppbv
 RT: 4.985 min Scan# 1513
 Delta R.T. 0.006 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

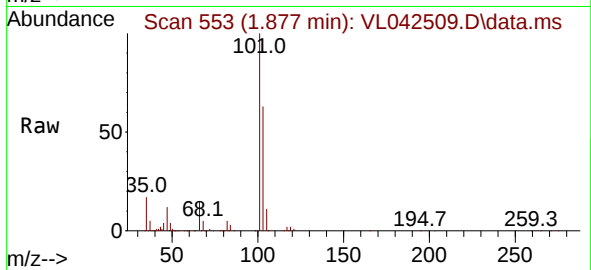
Tgt Ion: 43 Resp: 131503
 Ion Ratio Lower Upper
 43 100
 57 53.9 41.8 62.8





#11
Trichlorofluoromethane
Concen: 9.713 ppbv
RT: 1.877 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

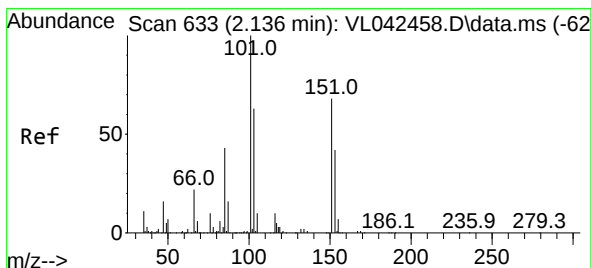
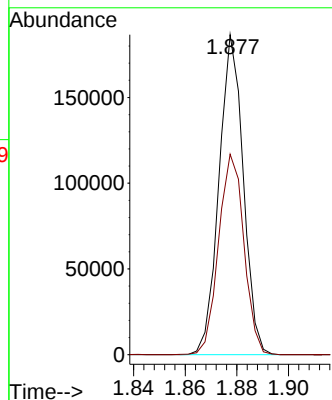
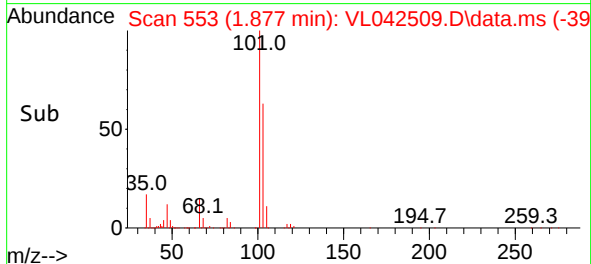
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



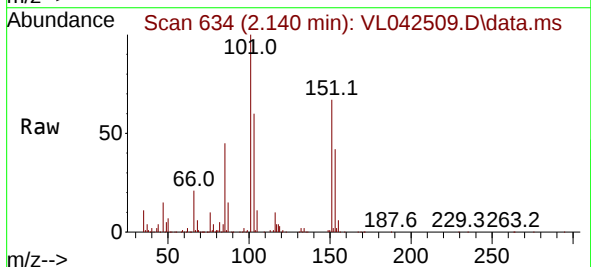
Tgt Ion:101 Resp: 12152
Ion Ratio Lower Upper
101 100
103 62.6 50.6 76.0

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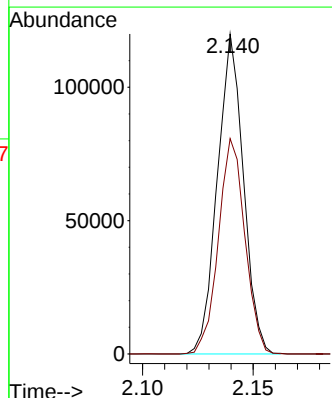
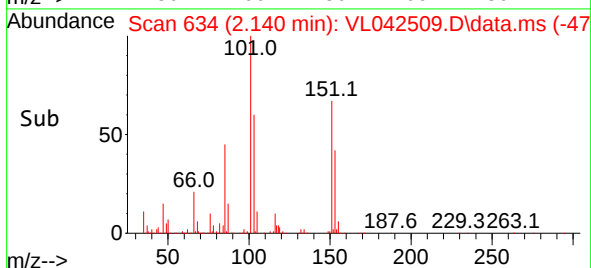
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

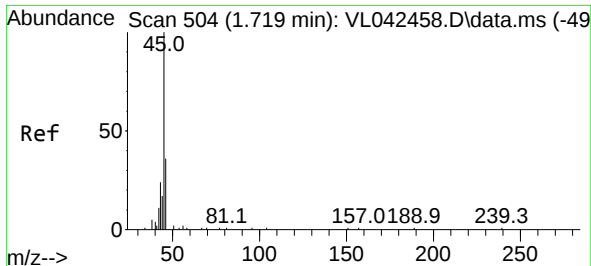


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.822 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



Tgt Ion:101 Resp: 98122
Ion Ratio Lower Upper
101 100
151 68.5 54.6 82.0





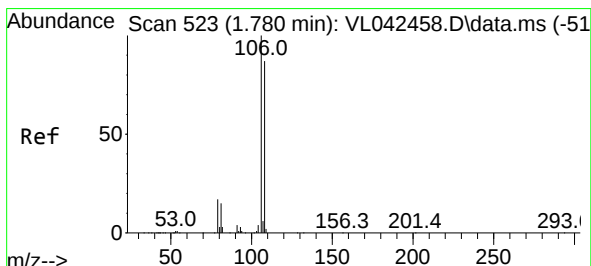
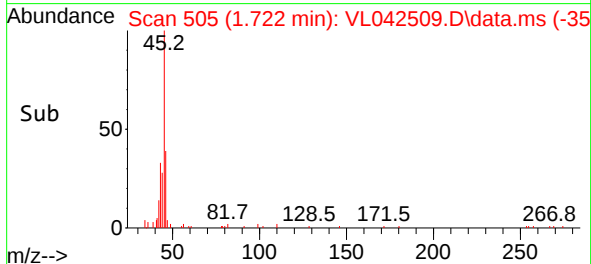
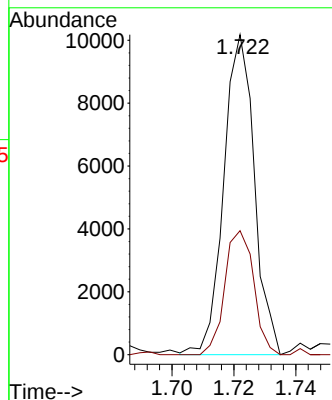
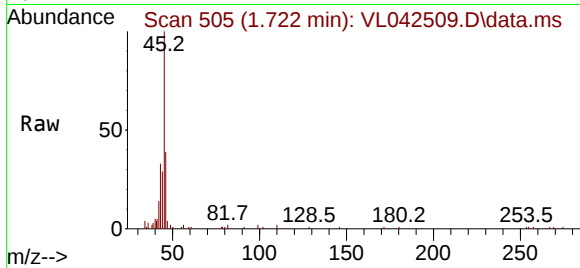
#13
Ethanol
Concen: 7.335 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 6980
Ion Ratio Lower Upper
45 100
46 37.2 15.3 61.1

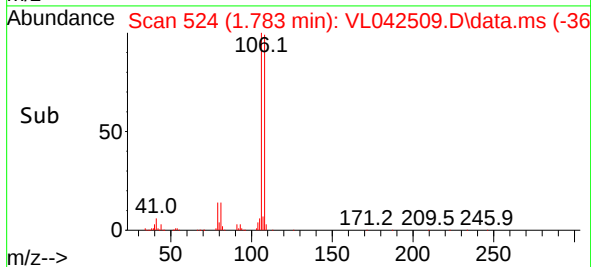
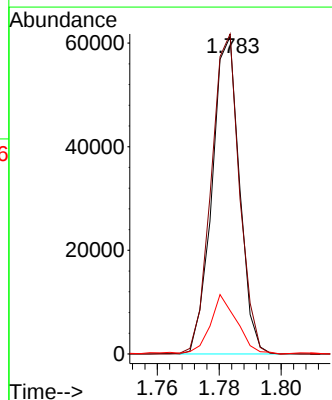
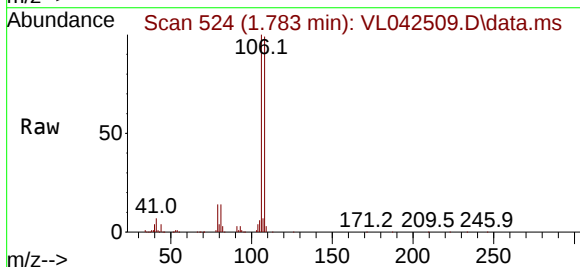
Manual Integrations
APPROVED

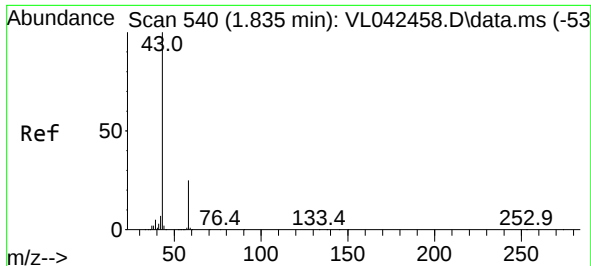
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#14
Bromoethene
Concen: 10.192 ppbv
RT: 1.783 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

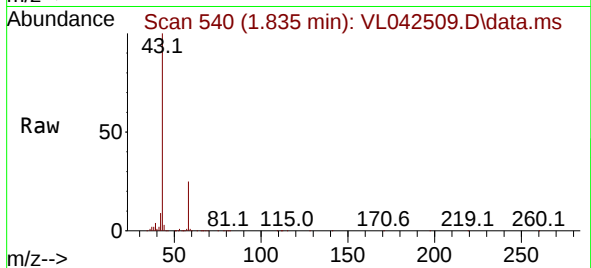
Tgt Ion:108 Resp: 37590
Ion Ratio Lower Upper
108 100
106 103.5 88.8 133.2
79 19.5 17.1 25.7





#15
Acetone
Concen: 7.746 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

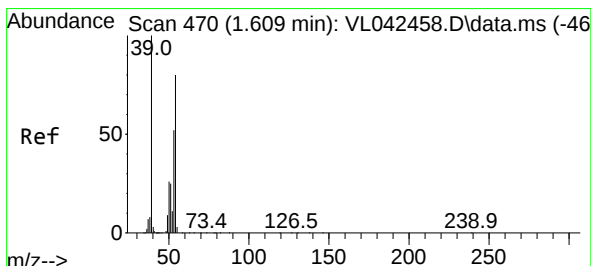
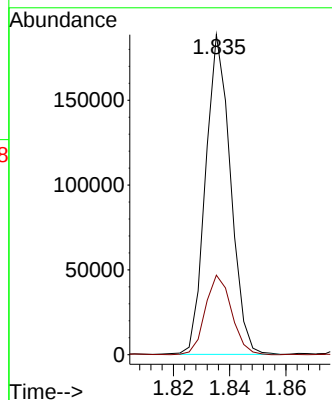
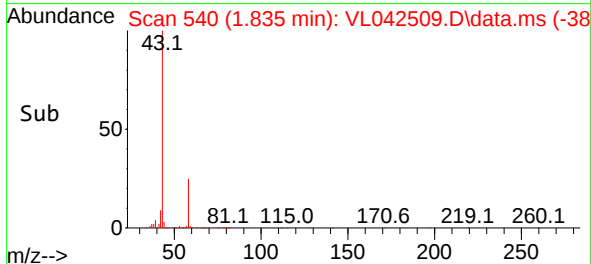
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



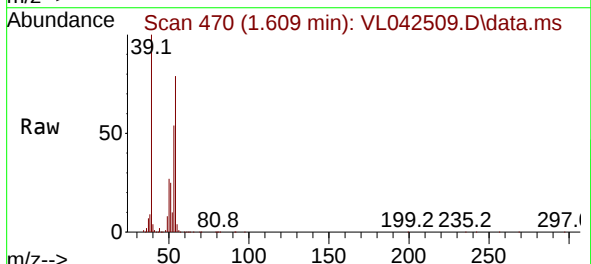
Tgt Ion: 43 Resp: 115860
Ion Ratio Lower Upper
43 100
58 26.4 19.8 29.8

Manual Integrations
APPROVED

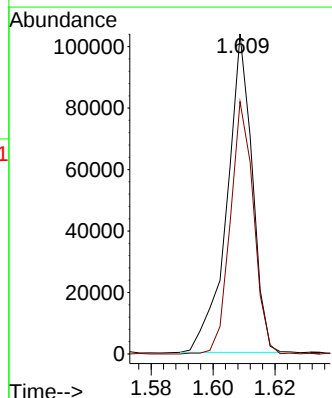
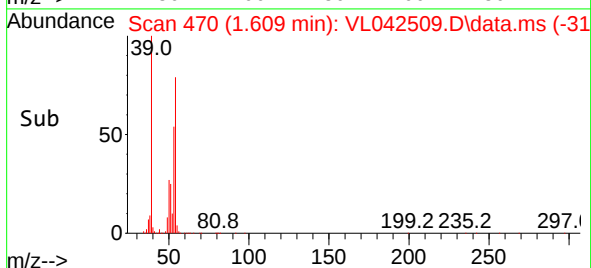
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

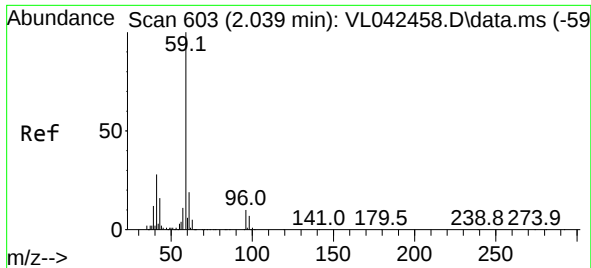


#16
1,3-Butadiene
Concen: 8.910 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



Tgt Ion: 39 Resp: 58778
Ion Ratio Lower Upper
39 100
54 73.2 55.2 82.8





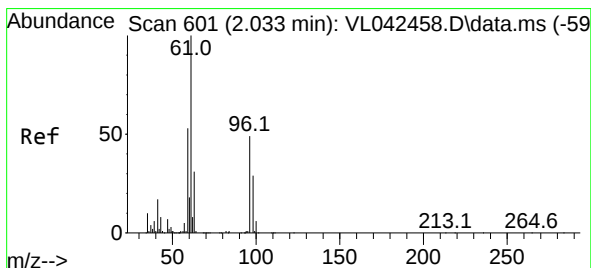
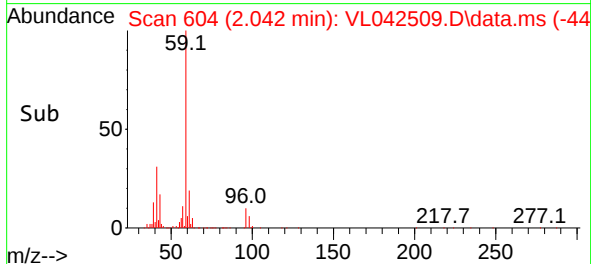
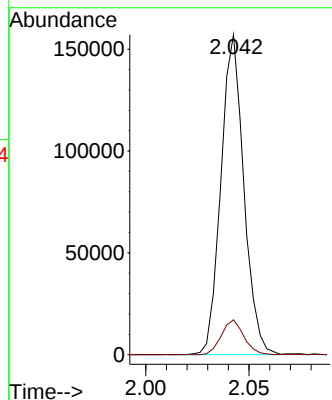
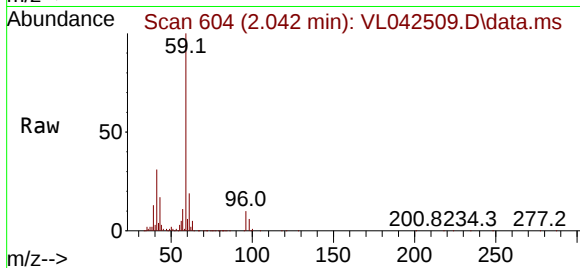
#17
tert-Butyl alcohol
Concen: 9.202 ppbv
RT: 2.042 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 121269
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

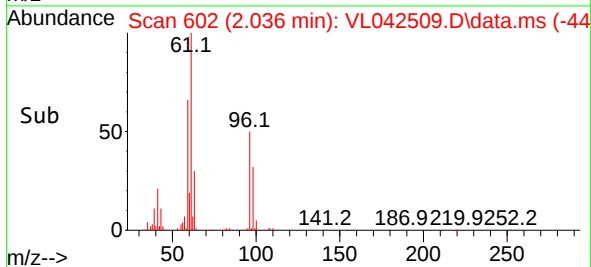
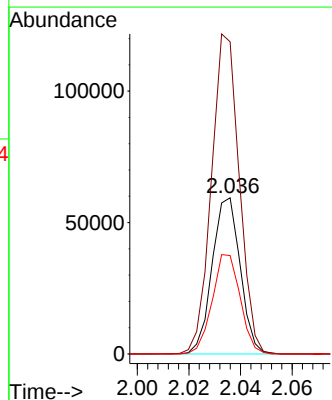
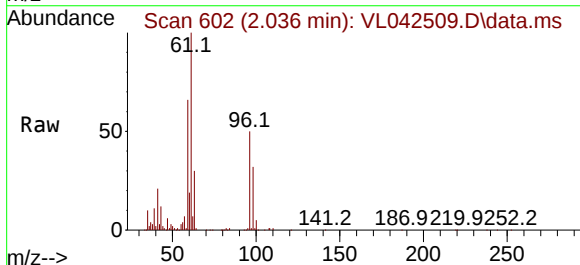
Manual Integrations
APPROVED

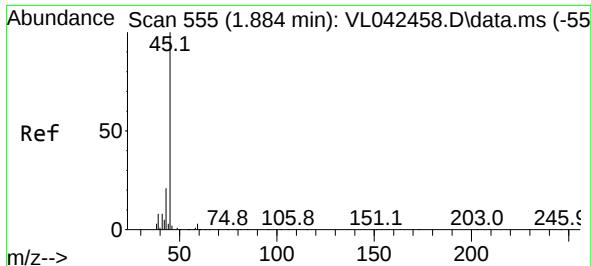
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#18
1,1-Dichloroethene
Concen: 9.617 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion: 96 Resp: 44860
Ion Ratio Lower Upper
96 100
61 200.0 164.9 247.3
98 63.1 48.2 72.2





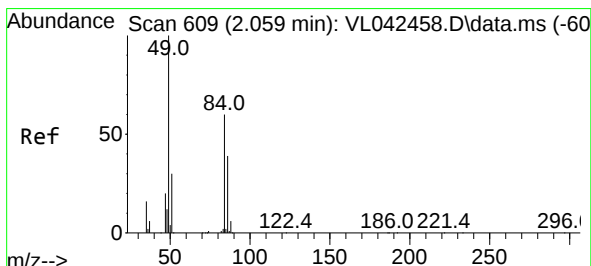
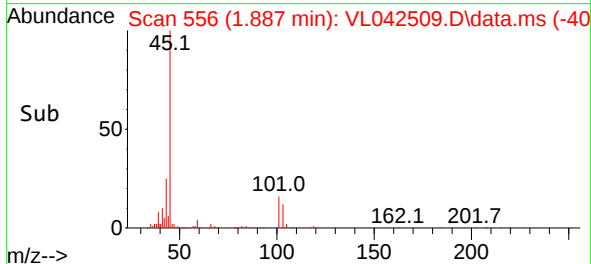
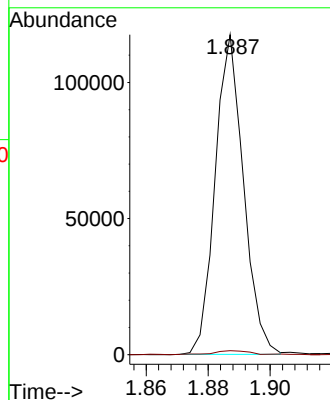
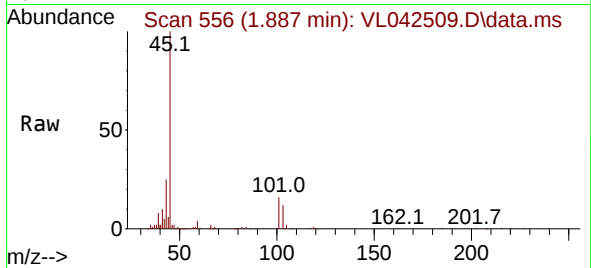
#19
Isopropyl Alcohol
Concen: 8.998 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 7449
Ion Ratio Lower Upper
45 100
58 41.1 1.6 2.4

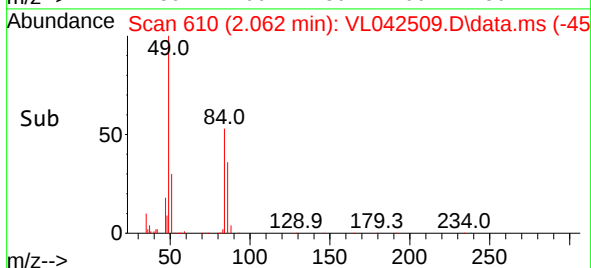
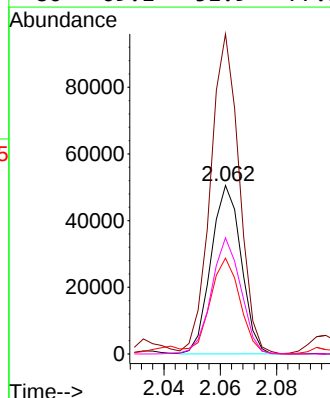
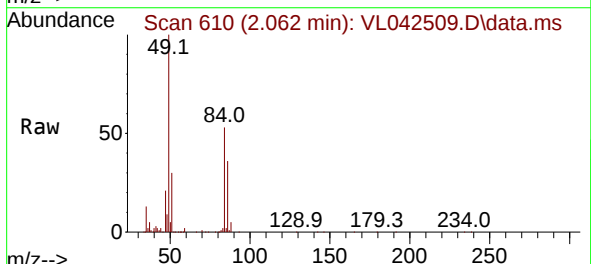
Manual Integrations
APPROVED

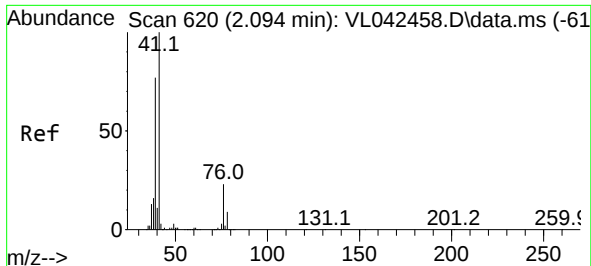
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#20
Methylene Chloride
Concen: 8.337 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion: 84 Resp: 37490
Ion Ratio Lower Upper
84 100
49 190.0 133.9 200.9
51 56.6 41.0 61.6
86 69.1 51.9 77.9





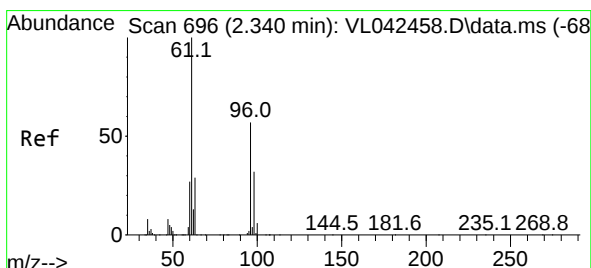
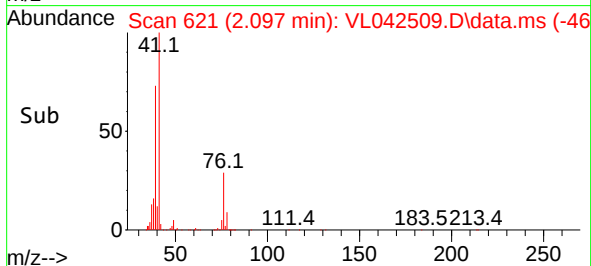
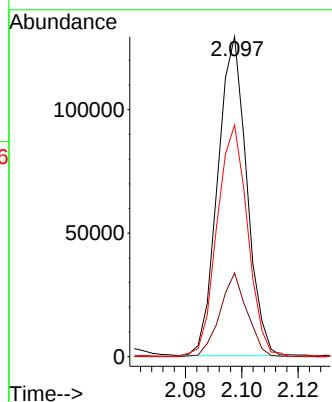
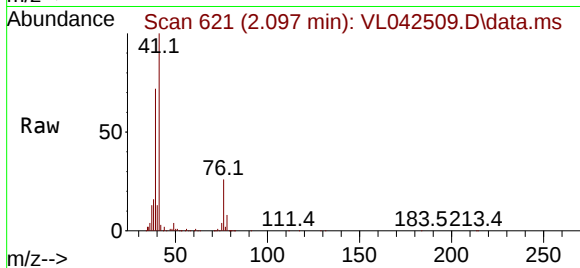
#21
 Allyl Chloride
 Concen: 9.628 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 9261
 Ion Ratio Lower Upper
 41 100
 76 24.6 19.6 29.4
 39 76.5 61.0 91.4

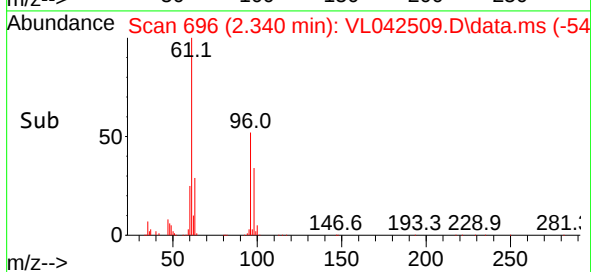
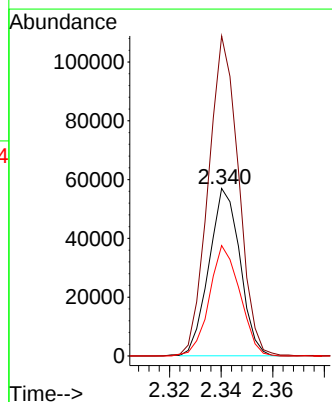
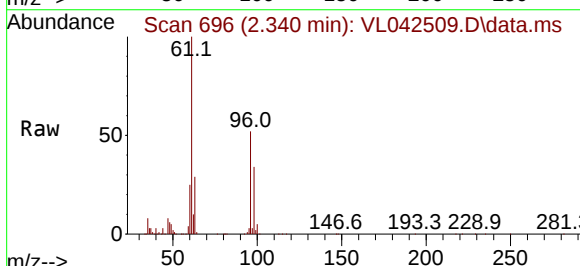
Manual Integrations
 APPROVED

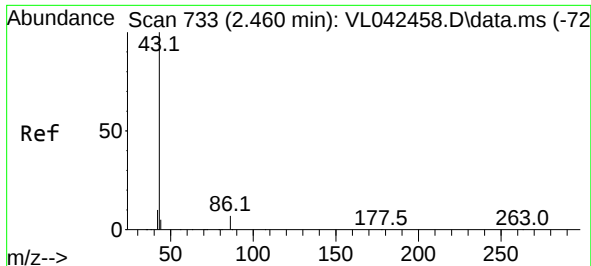
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 8.708 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

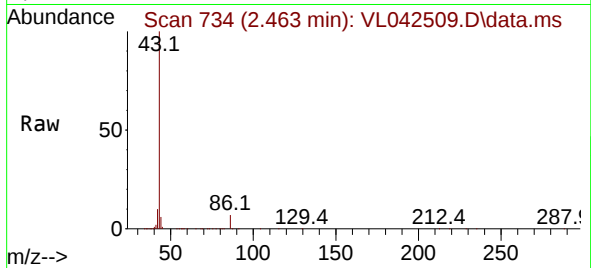
Tgt Ion: 96 Resp: 47443
 Ion Ratio Lower Upper
 96 100
 61 190.7 141.8 212.6
 98 66.0 45.0 67.6





#23
 Vinyl Acetate
 Concen: 10.606 ppbv
 RT: 2.463 min Scan# 714
 Delta R.T. 0.003 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

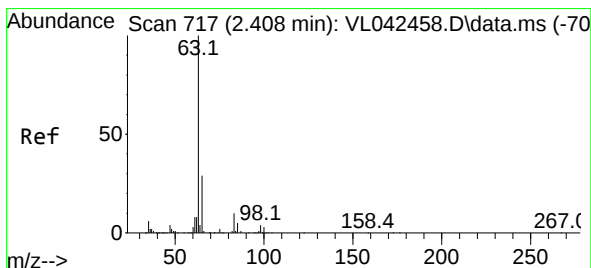
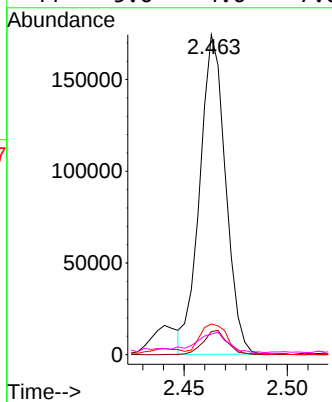
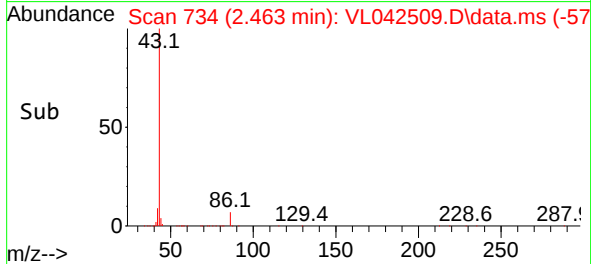
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



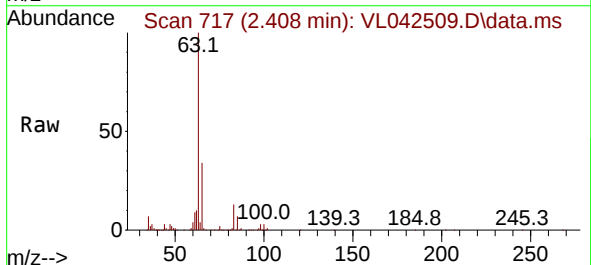
Tgt Ion: 43 Resp: 15140
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.5 8.3
 42 9.3 8.3 12.5
 44 5.6 4.6 7.0

Manual Integrations
 APPROVED

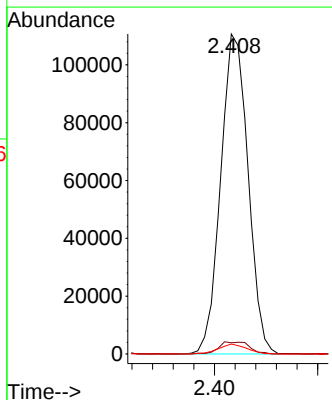
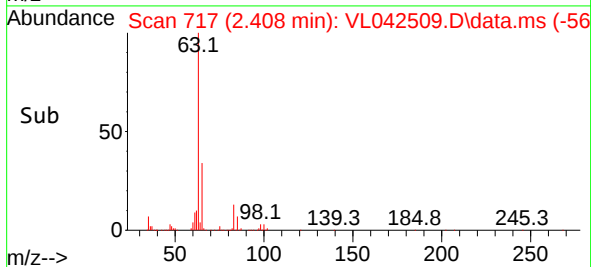
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

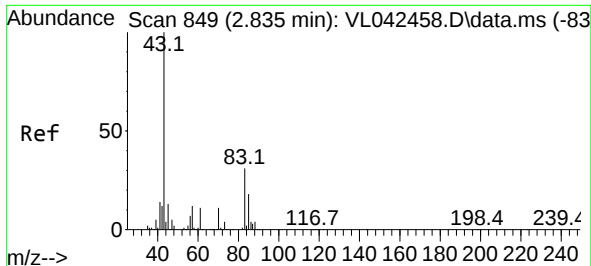


#24
 1,1-Dichloroethane
 Concen: 9.158 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42



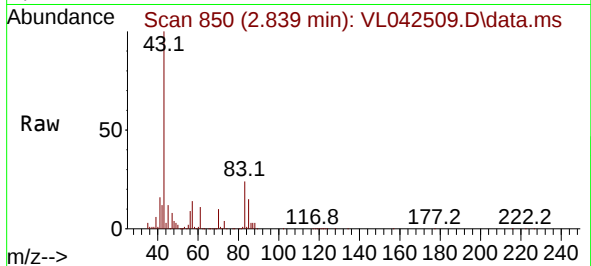
Tgt Ion: 63 Resp: 101794
 Ion Ratio Lower Upper
 63 100
 98 3.5 1.8 5.5
 100 3.1 1.4 4.2





#25
Ethyl Acetate
Concen: 10.620 ppbv
RT: 2.839 min Scan# 849
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

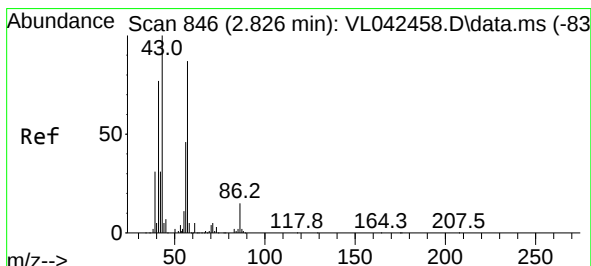
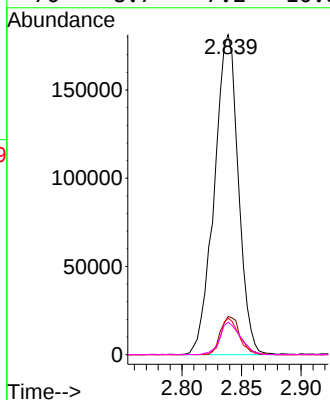
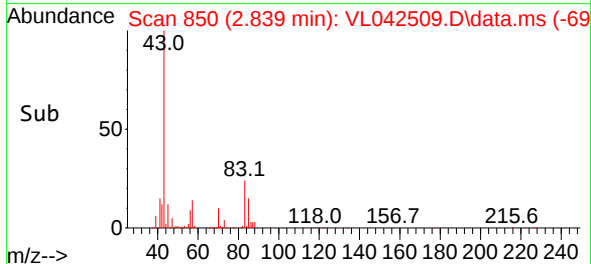
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 25434
Ion Ratio Lower Upper
43 100
45 9.8 7.8 11.6
61 8.7 7.2 10.8
70 8.7 7.2 10.8

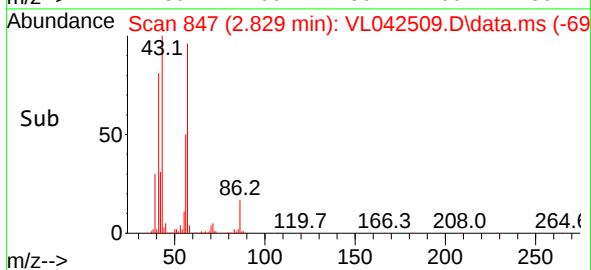
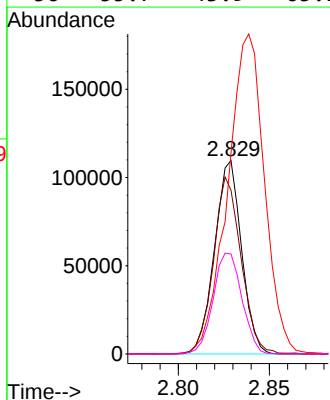
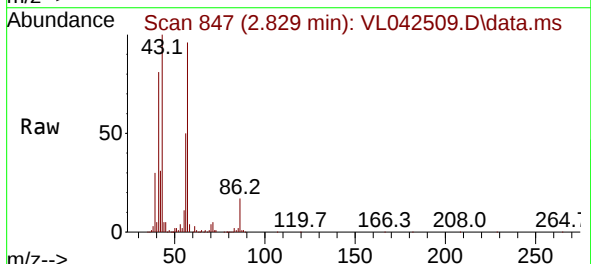
Manual Integrations
APPROVED

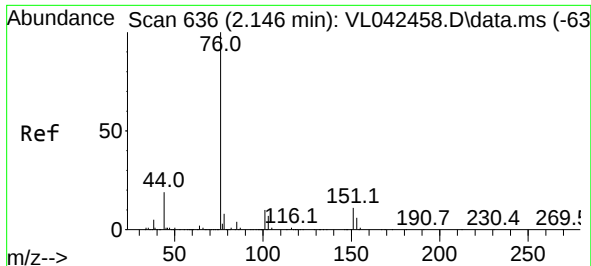
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#26
Hexane
Concen: 10.828 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

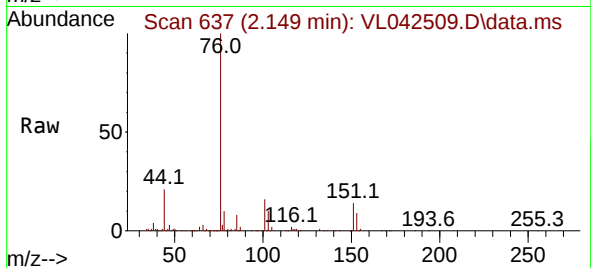
Tgt Ion: 57 Resp: 112974
Ion Ratio Lower Upper
57 100
41 94.3 77.8 116.8
43 225.8 187.0 280.6
56 55.7 43.9 65.9





#27
Carbon Disulfide
Concen: 10.096 ppbv
RT: 2.149 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

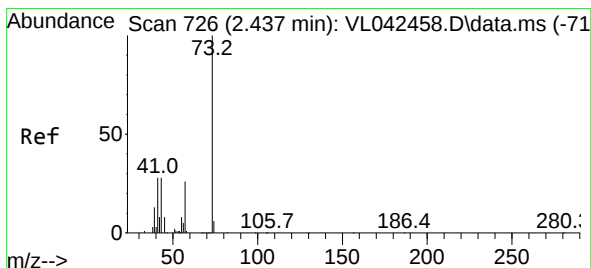
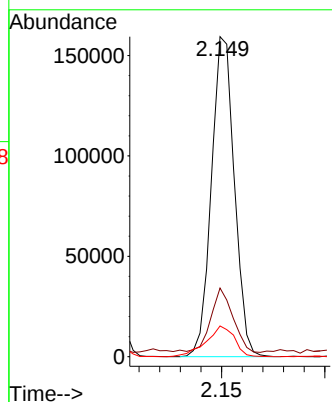
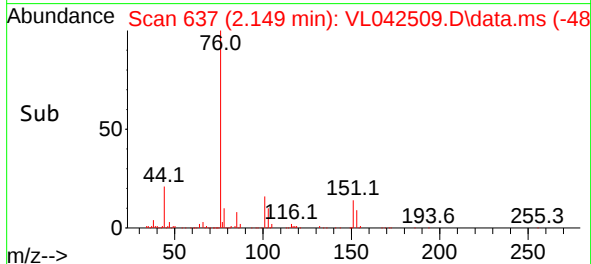
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



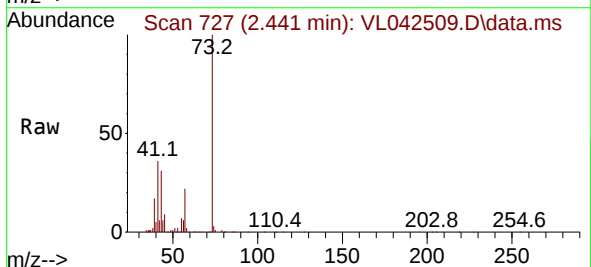
Tgt Ion: 76 Resp: 122933
Ion Ratio Lower Upper
76 100
44 18.3 21.0 31.6
78 11.8 8.6 13.0

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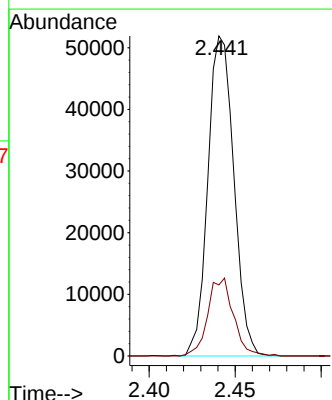
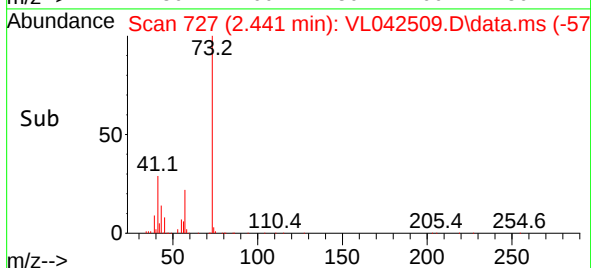
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

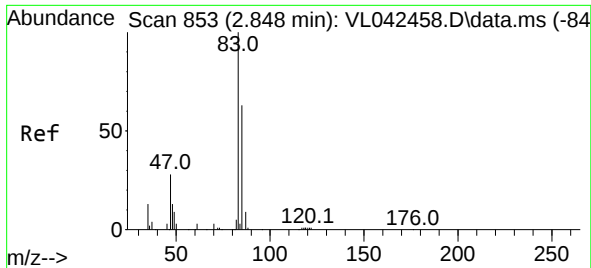


#28
Methyl tert-Butyl Ether
Concen: 8.690 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



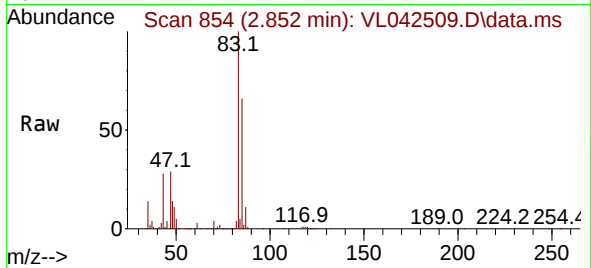
Tgt Ion: 73 Resp: 54473
Ion Ratio Lower Upper
73 100
57 24.0 19.9 29.9





#29
Chloroform
Concen: 9.883 ppbv
RT: 2.852 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

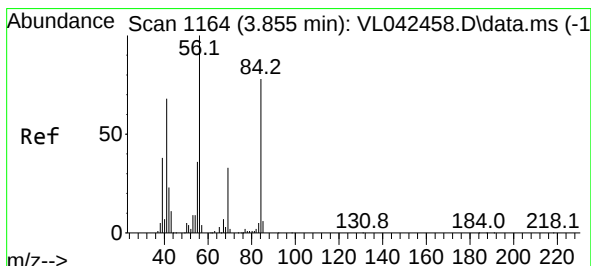
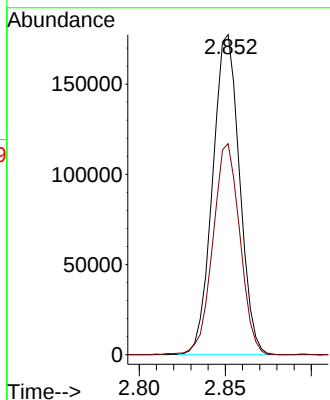
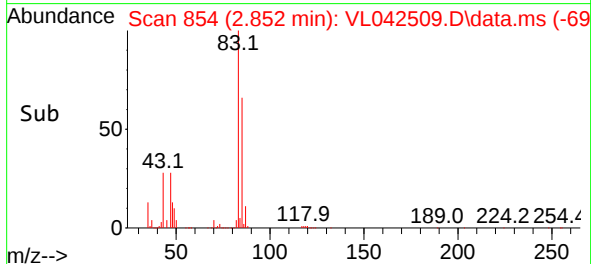
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



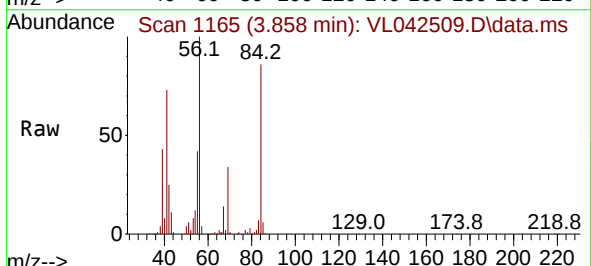
Tgt Ion: 83 Resp: 19323
Ion Ratio Lower Upper
83 100
85 66.0 50.4 75.6

Manual Integrations
APPROVED

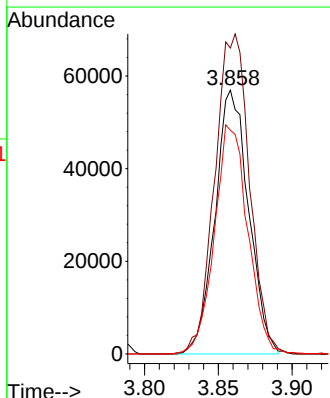
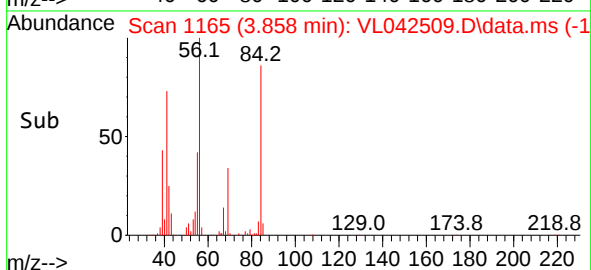
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

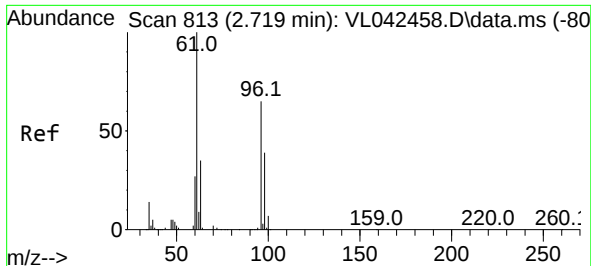


#30
Cyclohexane
Concen: 10.348 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



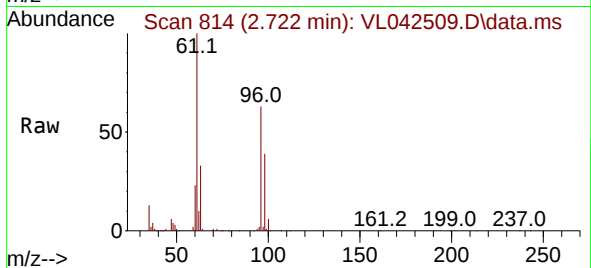
Tgt Ion: 84 Resp: 90271
Ion Ratio Lower Upper
84 100
56 125.6 98.1 147.1
41 86.2 65.8 98.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.883 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

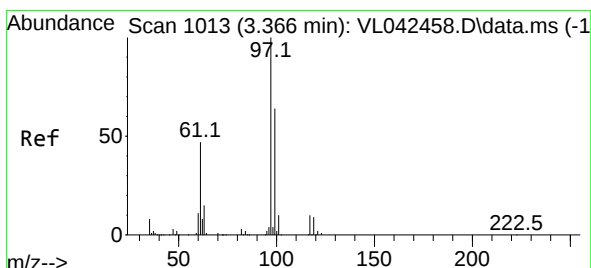
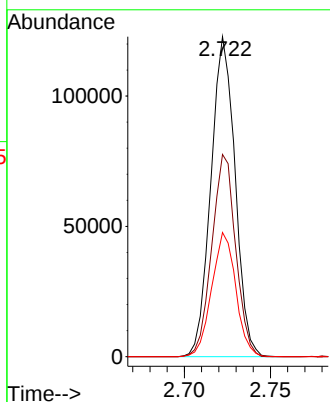
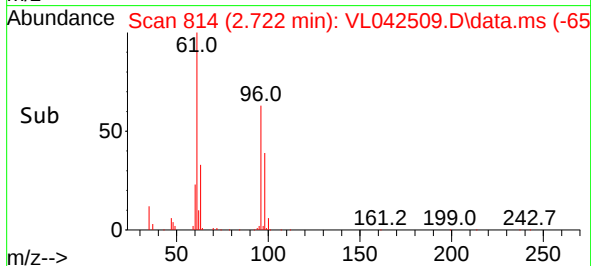
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



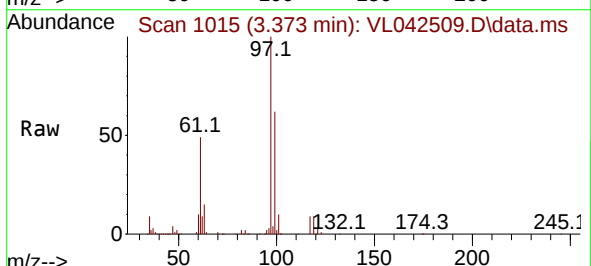
Tgt Ion: 61 Resp: 12030
 Ion Ratio Lower Upper
 61 100
 96 63.2 52.0 78.0
 98 38.8 31.0 46.6

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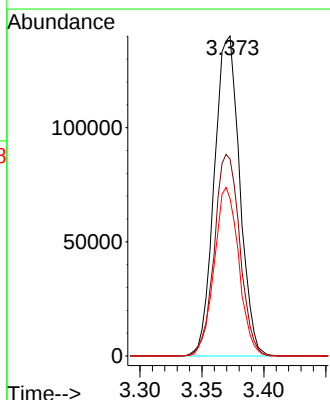
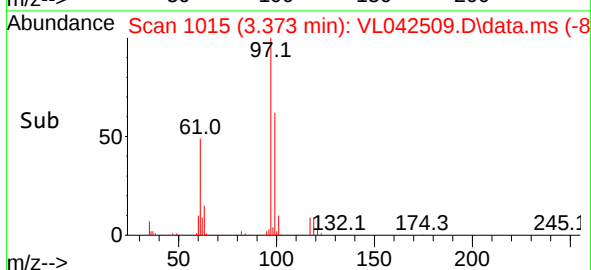
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

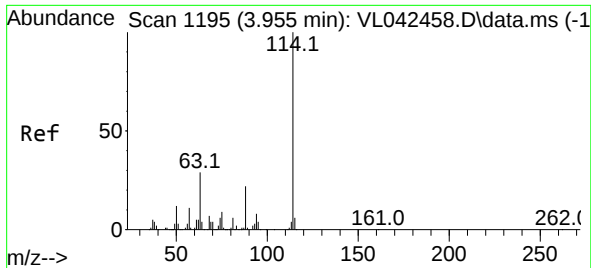


#32
 1,1,1-Trichloroethane
 Concen: 9.435 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42



Tgt Ion: 97 Resp: 200142
 Ion Ratio Lower Upper
 97 100
 99 63.1 50.7 76.1
 61 51.2 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

Instrument :

MSVOA_L

ClientSampleId :

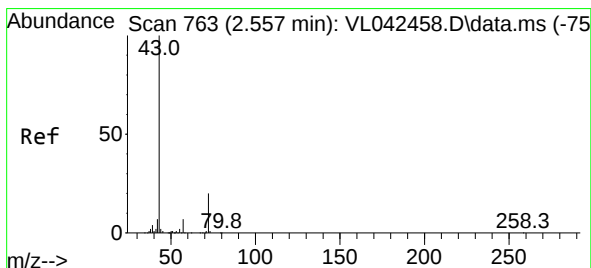
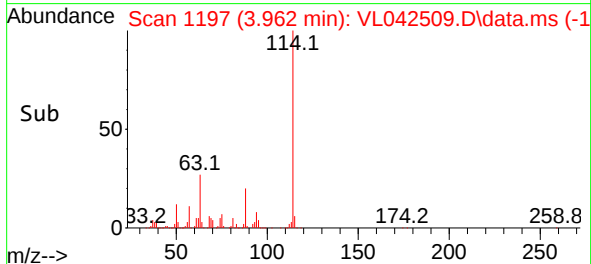
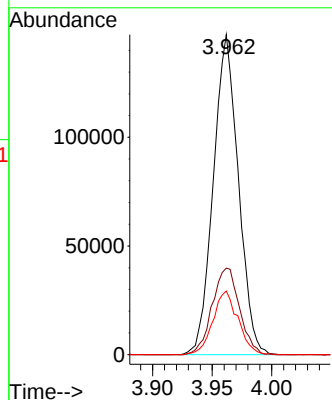
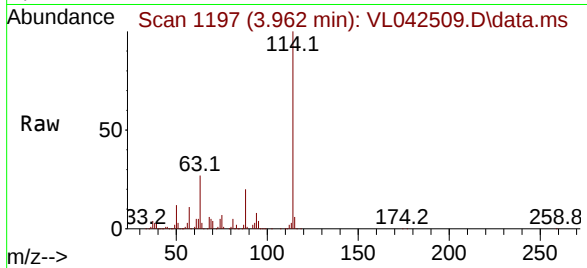
VSTDCCC010

Tgt Ion:114 Resp: 215229
 Ion Ratio Lower Upper
 114 100
 63 29.5 23.1 34.7
 88 20.0 16.1 24.1

Manual Integrations

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



#34

2-Butanone

Concen: 10.802 ppbv

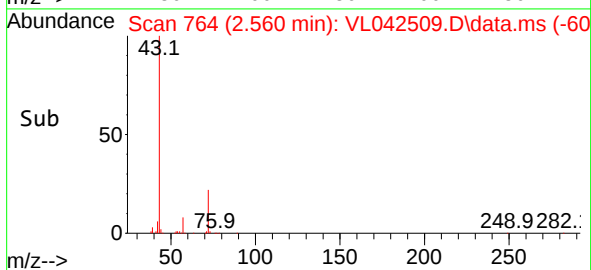
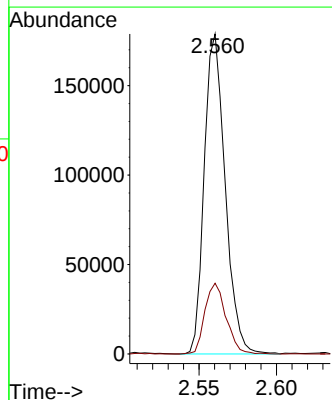
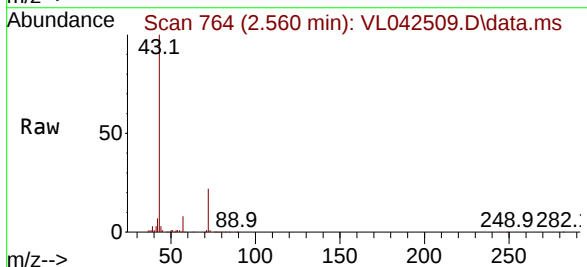
RT: 2.560 min Scan# 764

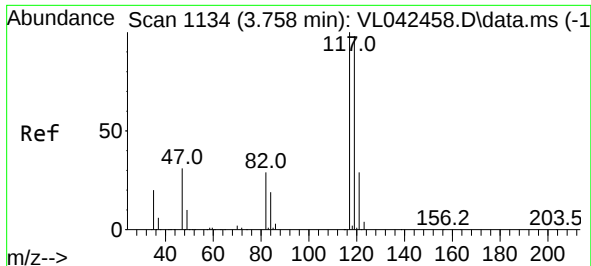
Delta R.T. 0.003 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

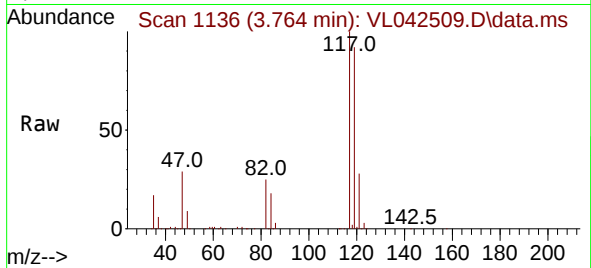
Tgt Ion: 43 Resp: 168161
 Ion Ratio Lower Upper
 43 100
 72 22.4 16.7 25.1





#35
Carbon Tetrachloride
Concen: 10.308 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

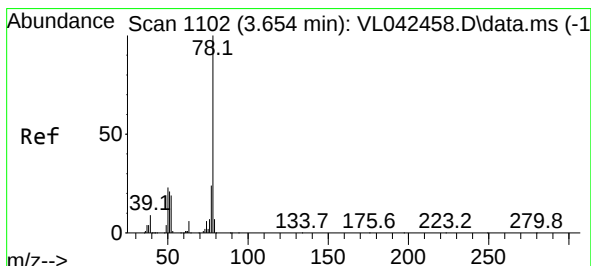
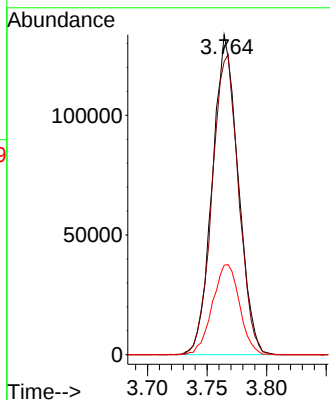
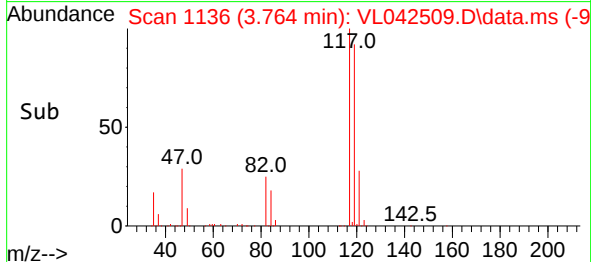
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 201528
Ion Ratio Lower Upper
117 100
119 91.5 78.1 117.1
121 28.0 23.0 34.6

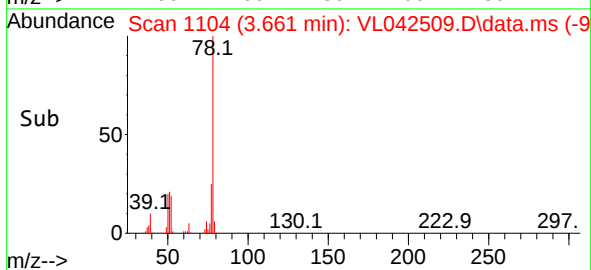
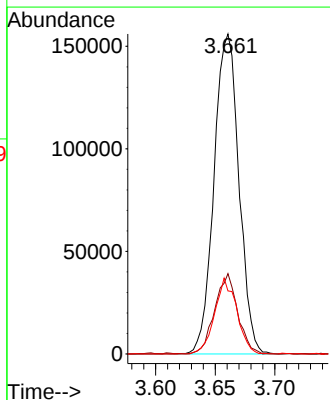
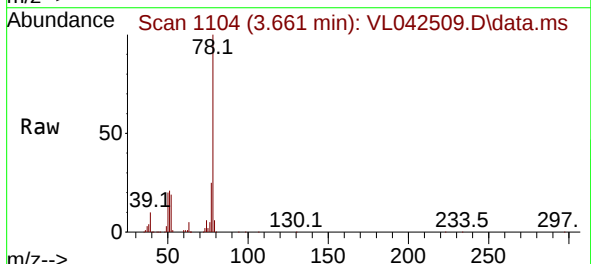
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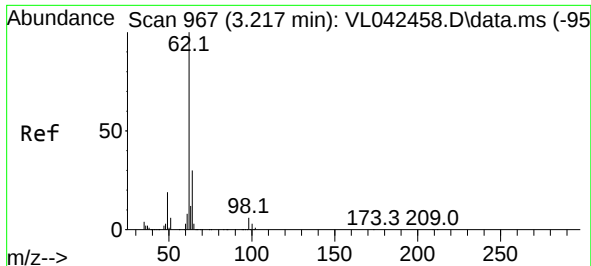
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#36
Benzene
Concen: 11.162 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion: 78 Resp: 226700
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3
50 19.7 18.4 27.6





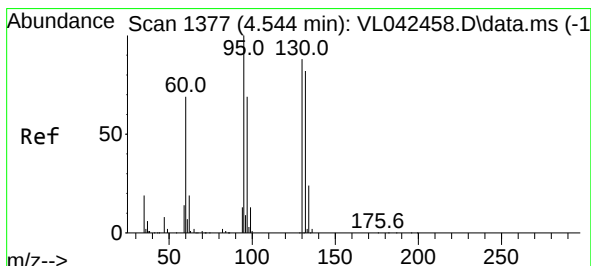
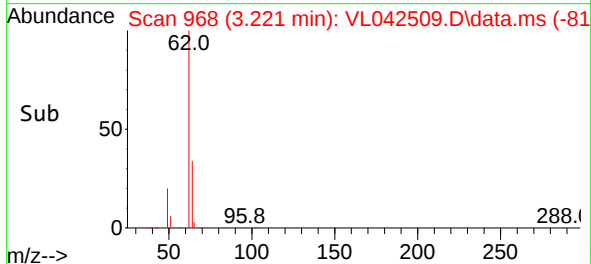
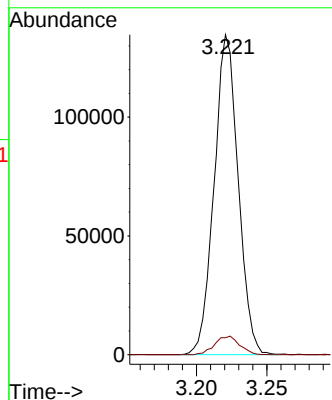
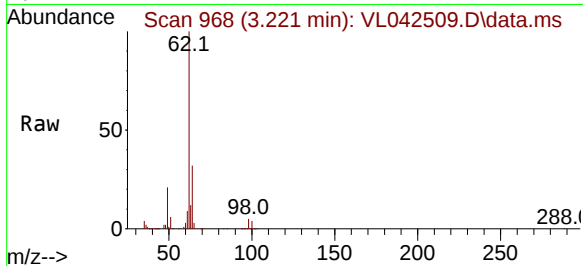
#37
1,2-Dichloroethane
Concen: 10.227 ppbv
RT: 3.221 min Scan# 967
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 16009
Ion Ratio Lower Upper
62 100
98 6.0 4.3 6.5

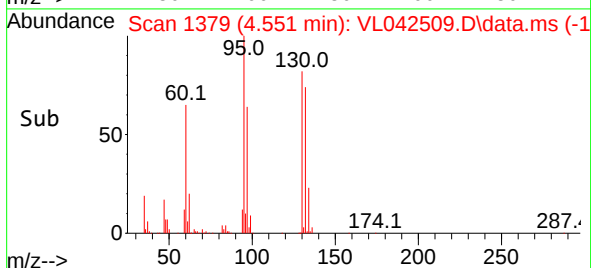
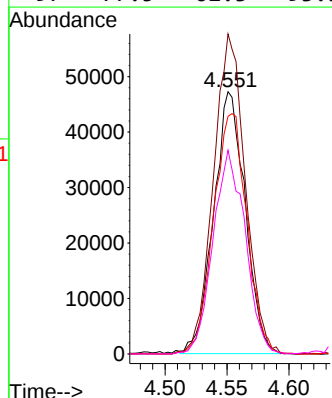
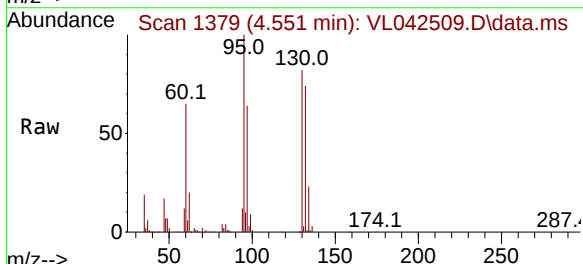
Manual Integrations
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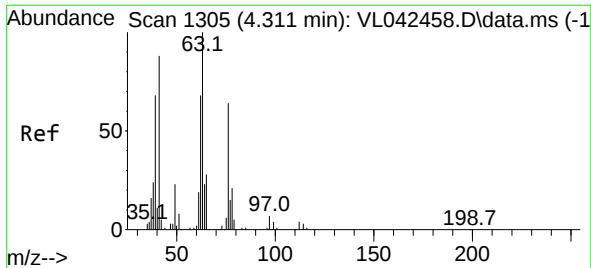
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 10.796 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

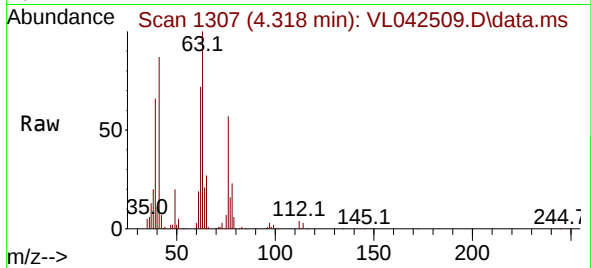
Tgt Ion:130 Resp: 83625
Ion Ratio Lower Upper
130 100
95 121.7 91.0 136.4
132 90.1 74.2 111.4
97 77.5 62.3 93.5





#39
 1,2-Dichloropropane
 Concen: 10.616 ppbv
 RT: 4.318 min Scan# 1305
 Delta R.T. 0.006 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

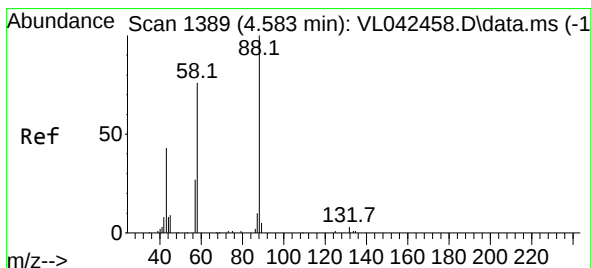
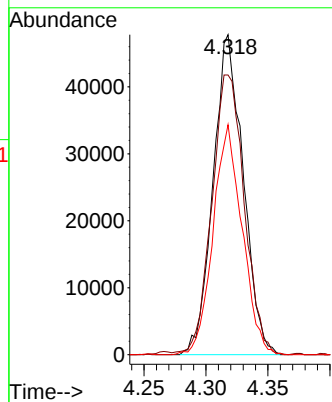
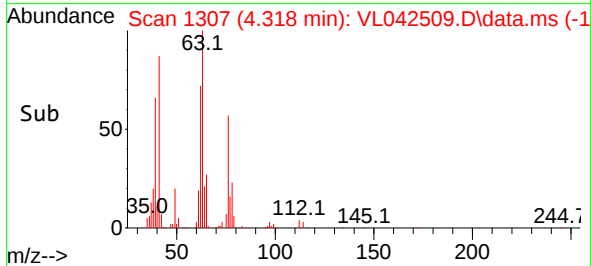
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



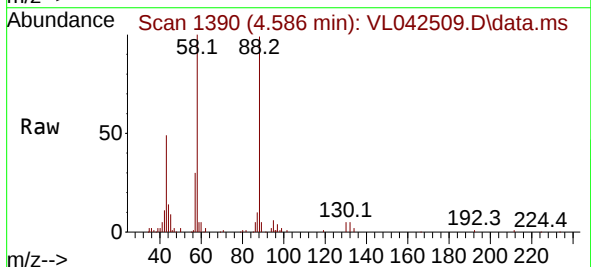
Tgt Ion: 63 Resp: 80710
 Ion Ratio Lower Upper
 63 100
 41 86.9 69.8 104.6
 62 71.5 54.3 81.5

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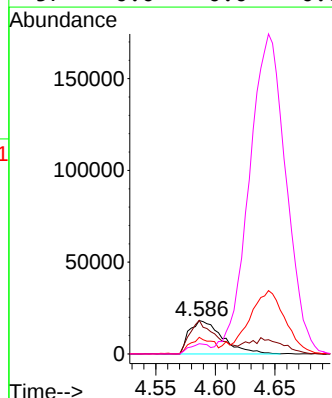
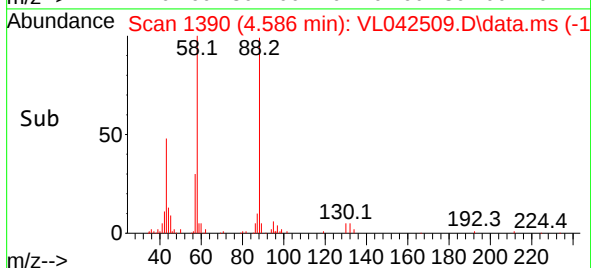
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

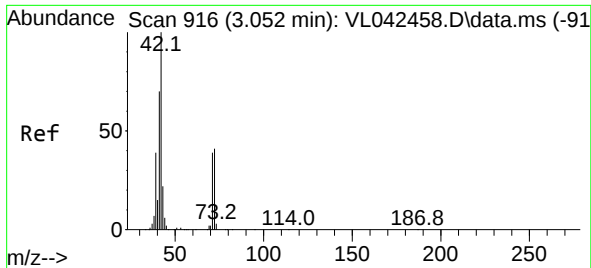


#40
 1,4-Dioxane
 Concen: 9.945 ppbv
 RT: 4.586 min Scan# 1390
 Delta R.T. 0.003 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42



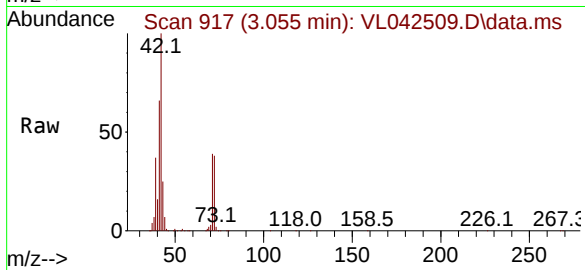
Tgt Ion: 88 Resp: 35408
 Ion Ratio Lower Upper
 88 100
 58 79.5 0.0 0.0#
 43 37.1 0.0 0.0#
 57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 11.155 ppbv
RT: 3.055 min Scan# 916
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

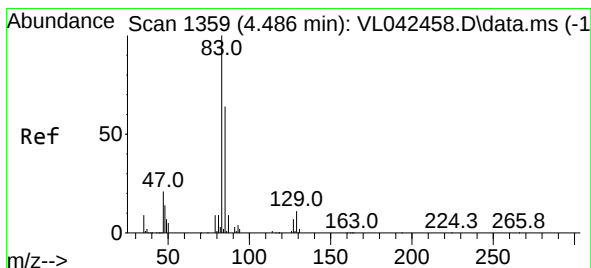
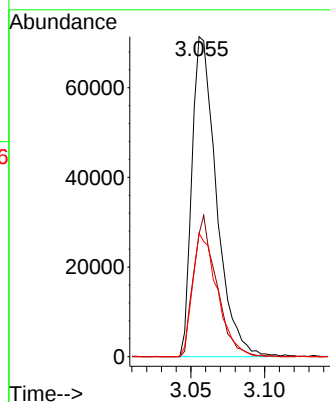
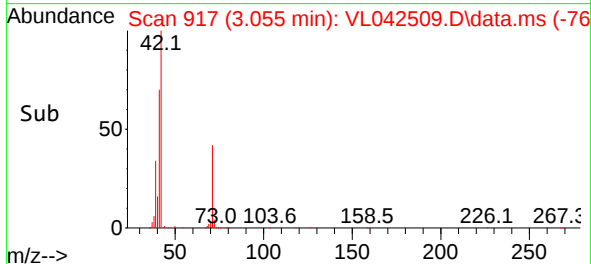
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



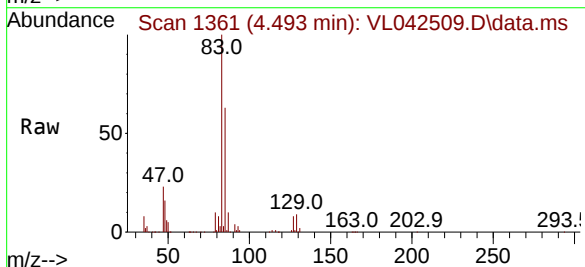
Tgt Ion: 42 Resp: 8253
Ion Ratio Lower Upper
42 100
72 41.2 33.5 50.3
71 39.2 32.6 49.0

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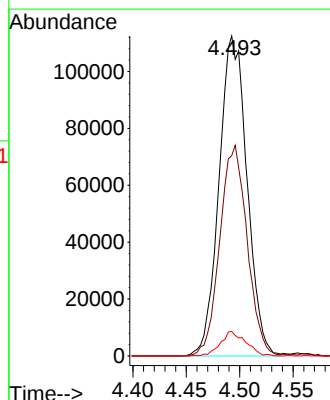
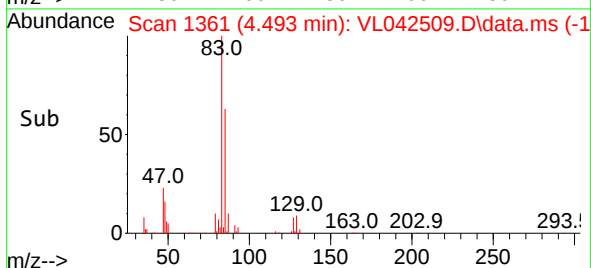
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

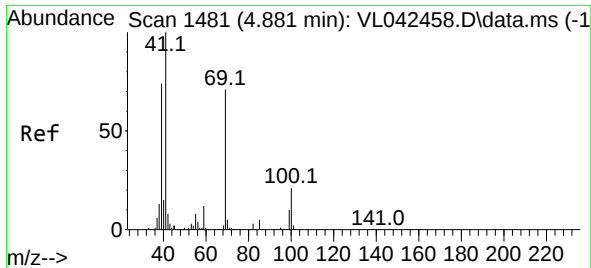


#42
Bromodichloromethane
Concen: 10.706 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



Tgt Ion: 83 Resp: 204775
Ion Ratio Lower Upper
83 100
85 62.6 51.5 77.3
127 7.7 5.4 8.2





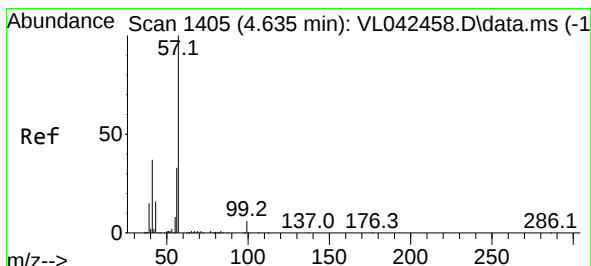
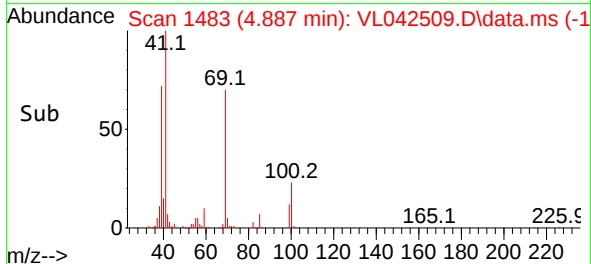
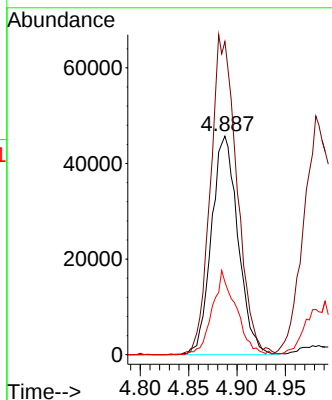
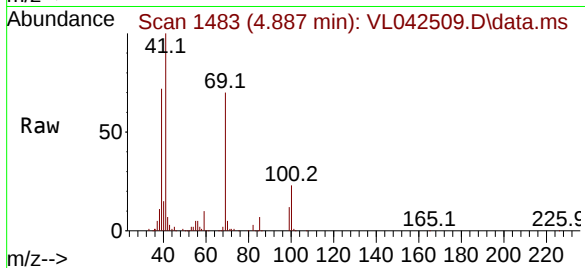
#43
Methyl Methacrylate
Concen: 11.523 ppbv
RT: 4.887 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 87338
Ion Ratio Lower Upper
69 100
41 145.6 120.8 181.2
100 34.6 26.7 40.1

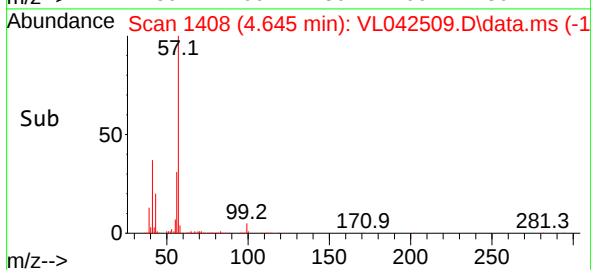
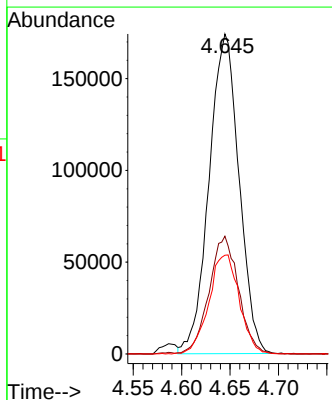
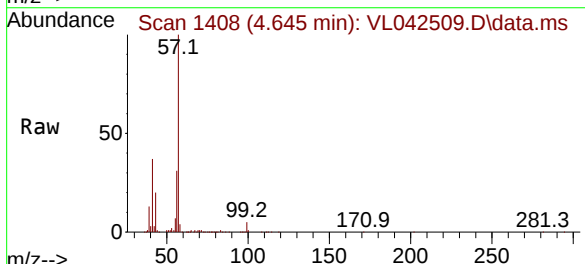
Manual Integrations
APPROVED

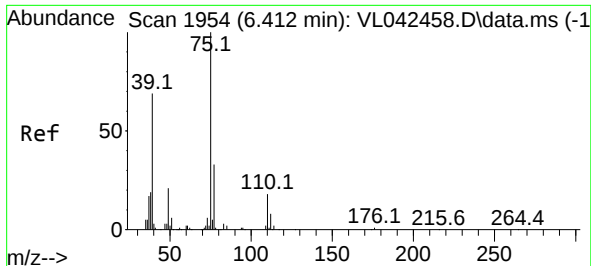
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
2,2,4-Trimethylpentane
Concen: 11.377 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.010 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

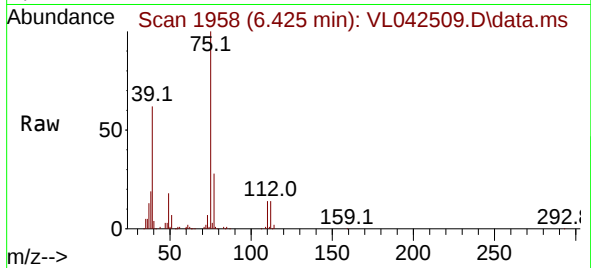
Tgt Ion: 57 Resp: 374553
Ion Ratio Lower Upper
57 100
41 36.5 30.6 45.8
56 31.6 25.0 37.6





#45
 t-1,3-Dichloropropene
 Concen: 11.111 ppbv
 RT: 6.425 min Scan# 1954
 Delta R.T. 0.013 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

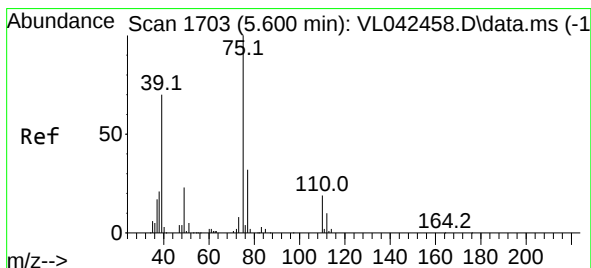
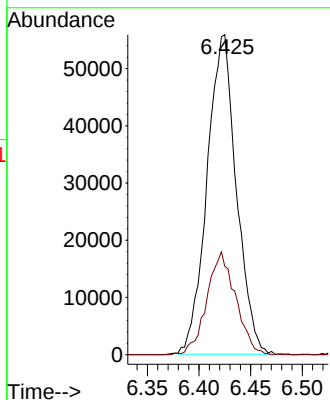
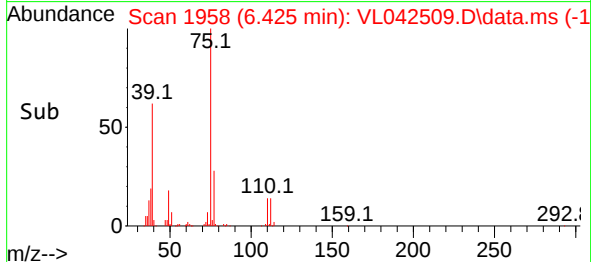
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 11048
 Ion Ratio Lower Upper
 75 100
 77 27.6 26.3 39.5

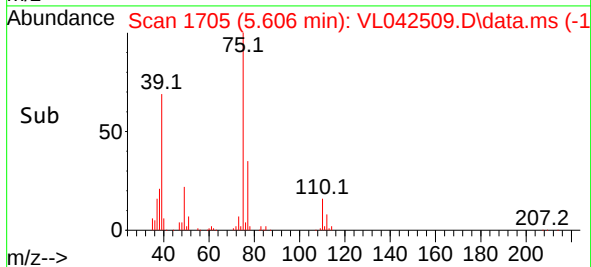
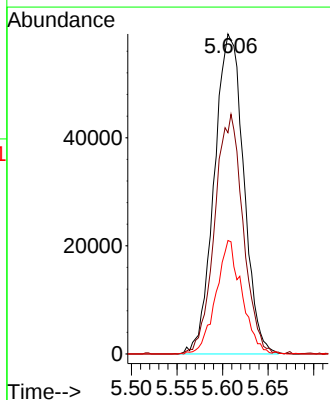
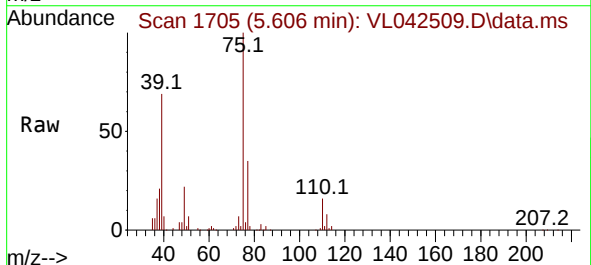
Manual Integrations
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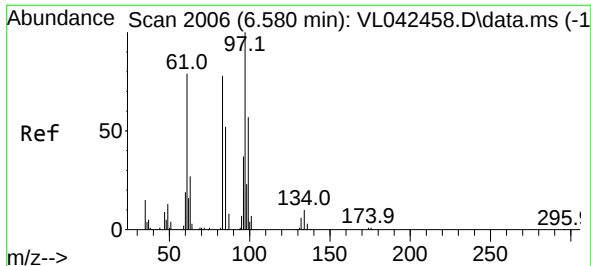
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#46
 cis-1,3-Dichloropropene
 Concen: 11.258 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. 0.006 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

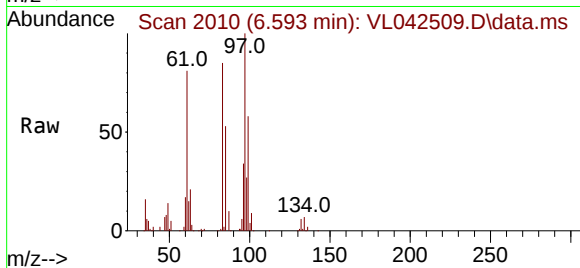
Tgt Ion: 75 Resp: 133045
 Ion Ratio Lower Upper
 75 100
 39 69.1 55.7 83.5
 77 35.4 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 10.518 ppbv m
RT: 6.593 min Scan# 2006
Delta R.T. 0.013 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

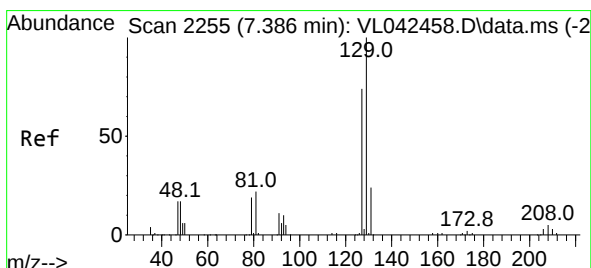
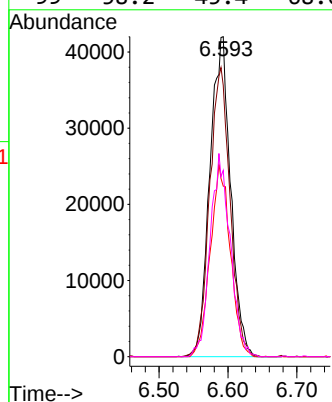
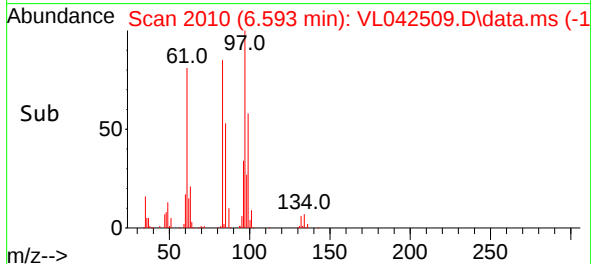
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	62.2	93.2
85	53.3	41.5	62.3
99	58.2	45.4	68.0

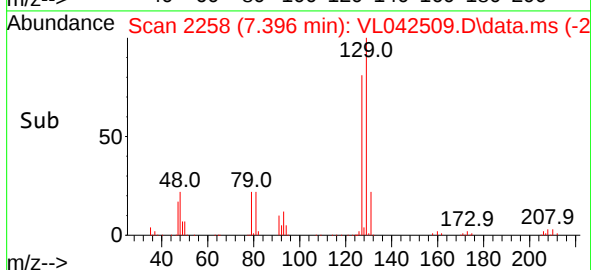
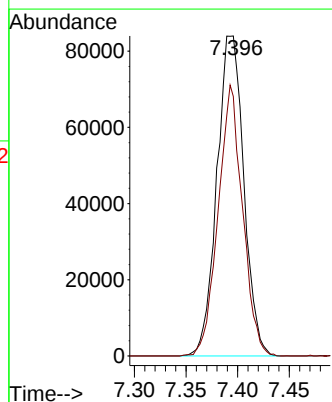
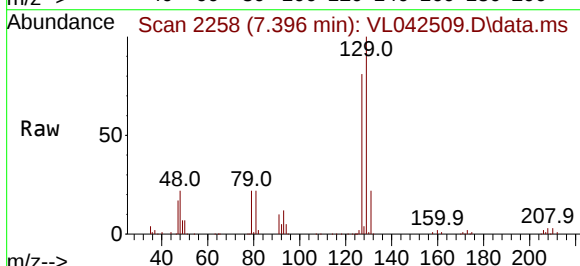
Manual Integrations
APPROVED

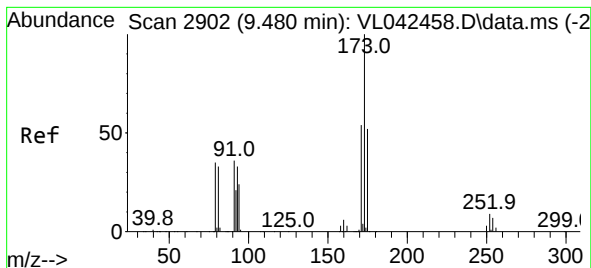
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Dibromochloromethane
Concen: 10.822 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. 0.010 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.5	118.5





#49

Bromoform

Concen: 10.540 ppbv

RT: 9.487 min Scan# 2902

Delta R.T. 0.006 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 124438

Ion Ratio Lower Upper

173 100

175 48.2 38.9 58.3

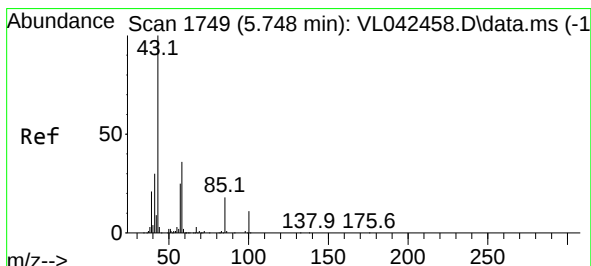
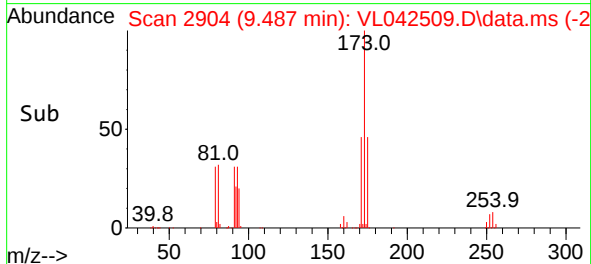
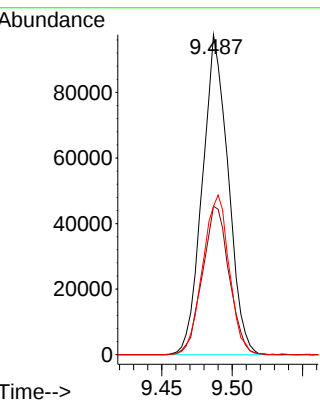
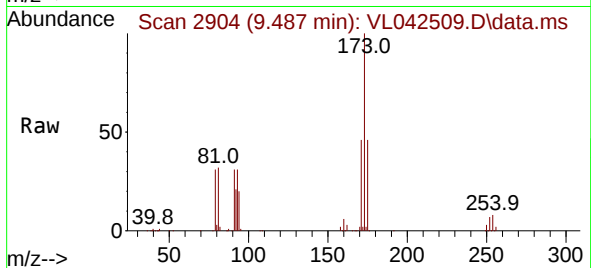
171 51.2 40.6 60.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#50

4-Methyl-2-Pentanone

Concen: 10.967 ppbv

RT: 5.755 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VL042509.D

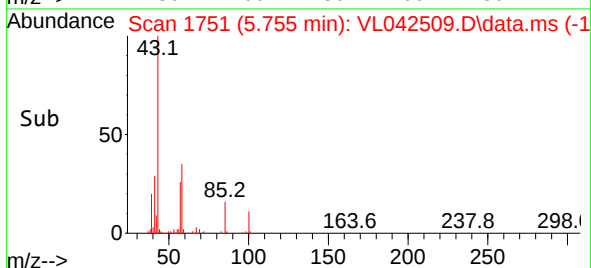
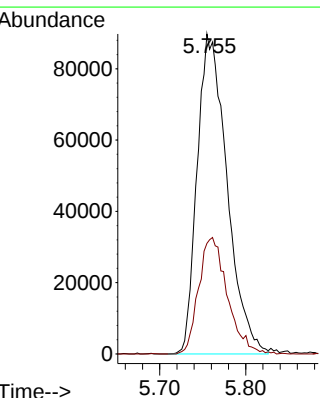
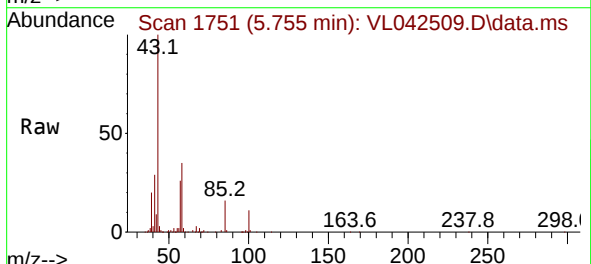
Acq: 07 May 2025 09:42

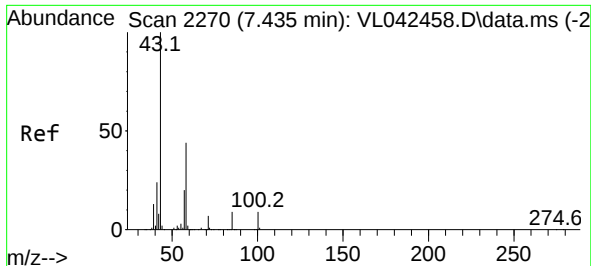
Tgt Ion: 43 Resp: 215964

Ion Ratio Lower Upper

43 100

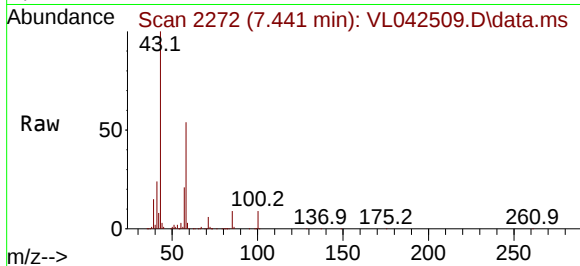
58 35.1 29.5 44.3





#51
2-Hexanone
Concen: 10.817 ppbv
RT: 7.441 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

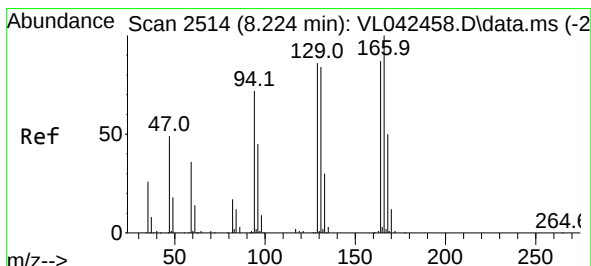
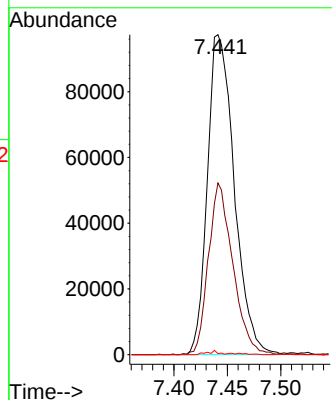
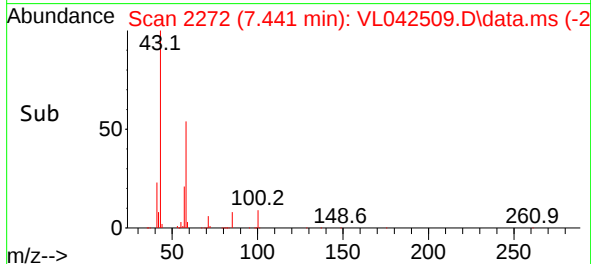
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



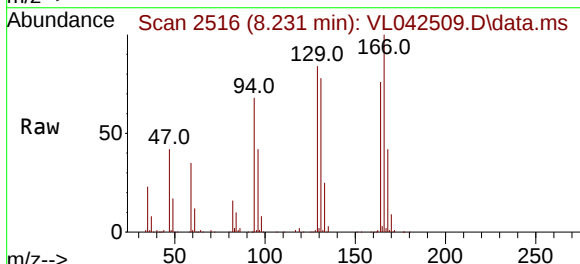
Tgt Ion: 43 Resp: 17030
Ion Ratio Lower Upper
43 100
58 48.9 37.2 55.8
98 0.8 0.4 0.6

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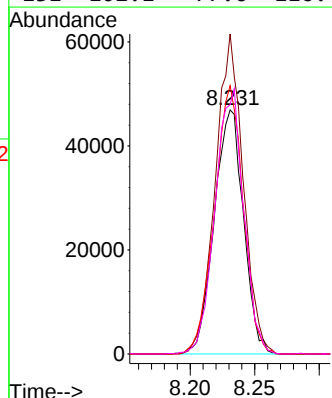
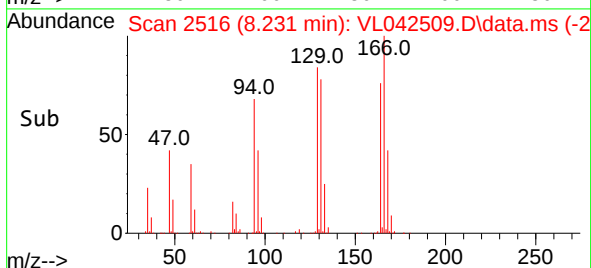
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

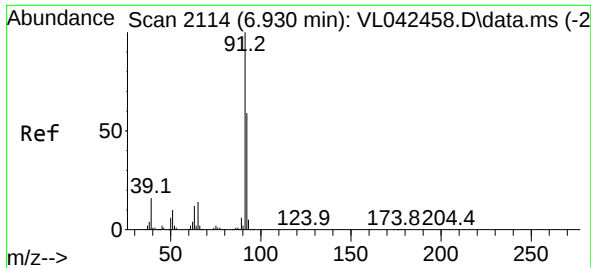


#52
Tetrachloroethene
Concen: 9.544 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



Tgt Ion:164 Resp: 73780
Ion Ratio Lower Upper
164 100
166 131.1 91.6 137.4
129 109.9 79.0 118.4
131 102.1 77.6 116.4





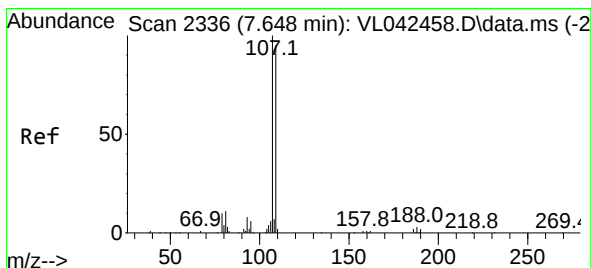
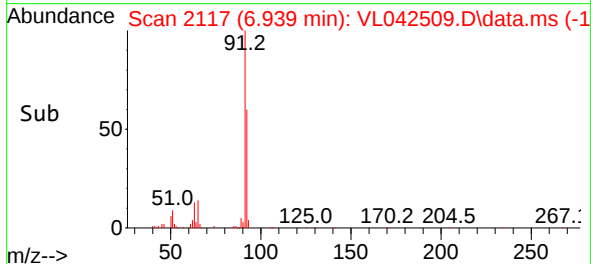
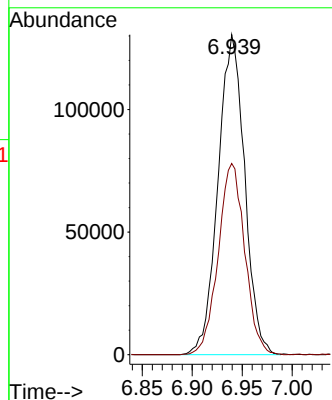
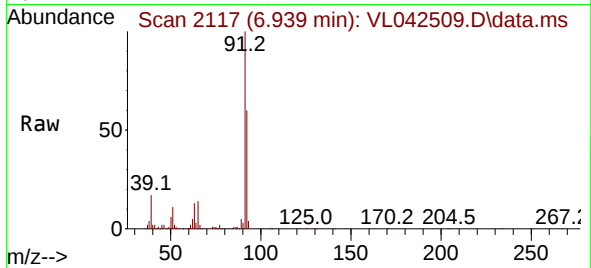
#53
Toluene
Concen: 11.244 ppbv
RT: 6.939 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 241720
Ion Ratio Lower Upper
91 100
92 59.7 47.9 71.9

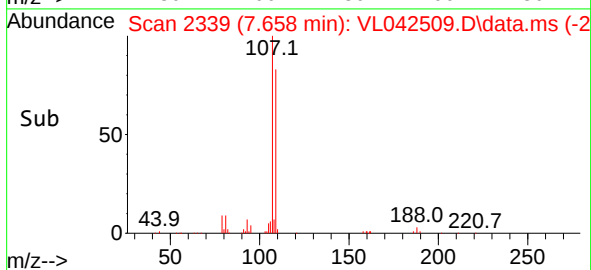
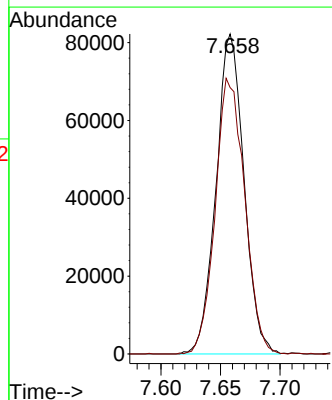
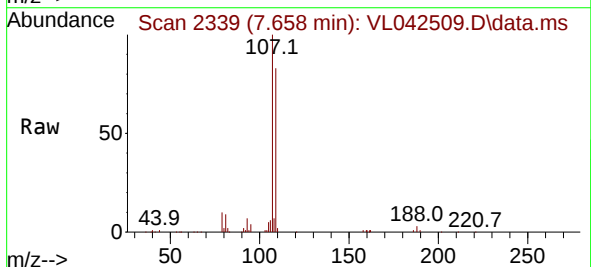
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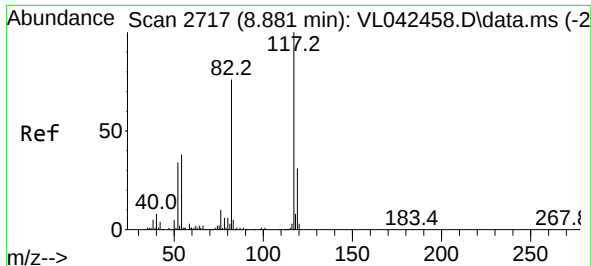
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#54
1,2-Dibromoethane
Concen: 10.503 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. 0.010 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion:107 Resp: 133900
Ion Ratio Lower Upper
107 100
109 83.1 76.0 114.0





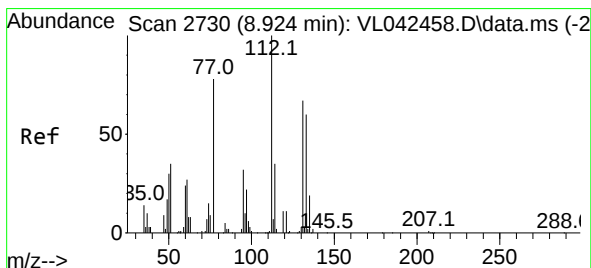
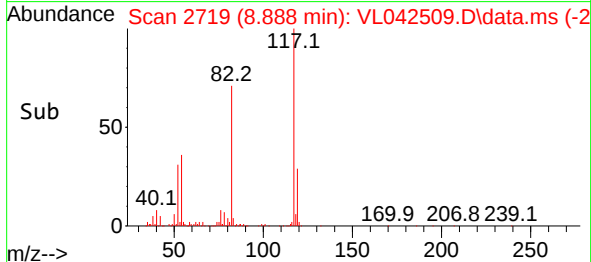
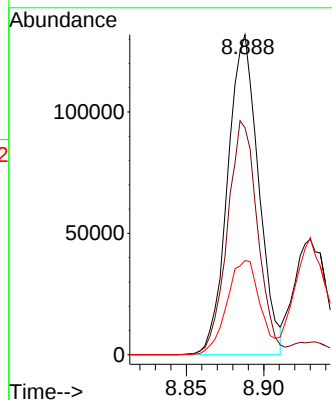
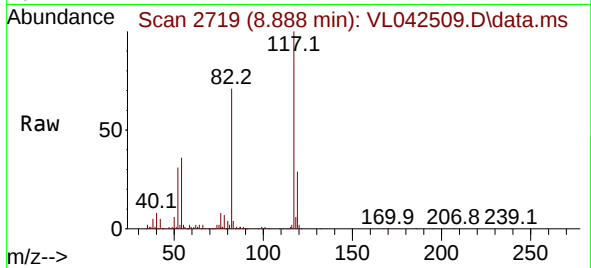
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 182820
Ion Ratio Lower Upper
117 100
82 76.6 63.5 95.3
119 32.3 25.8 38.8

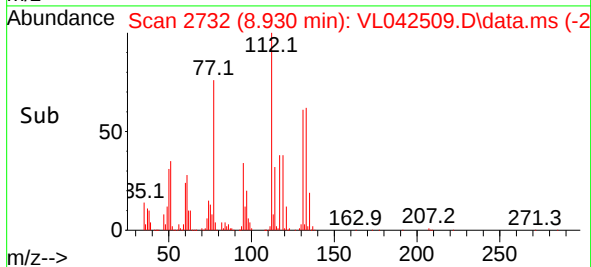
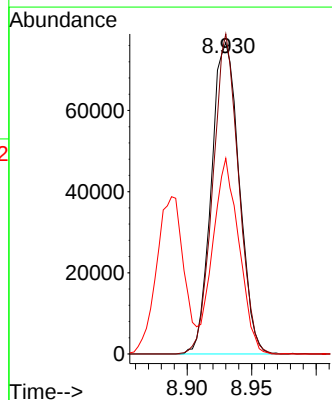
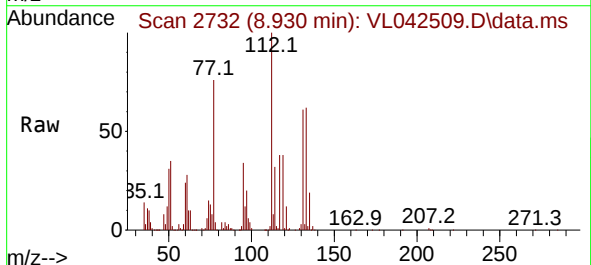
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 10.656 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion:131 Resp: 115060
Ion Ratio Lower Upper
131 100
133 95.3 76.0 114.0
119 60.4 46.1 69.1





#57

Chlorobenzene

Concen: 10.478 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL042509.D

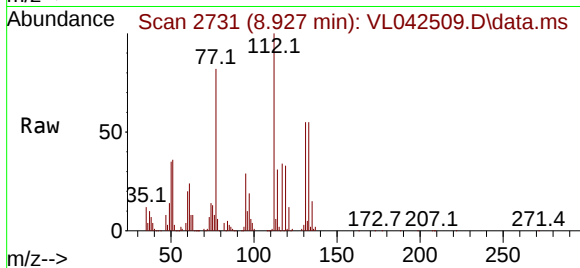
Acq: 07 May 2025 09:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

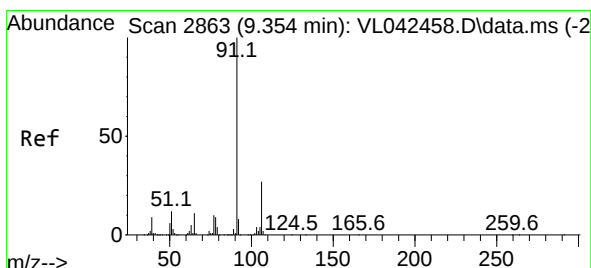
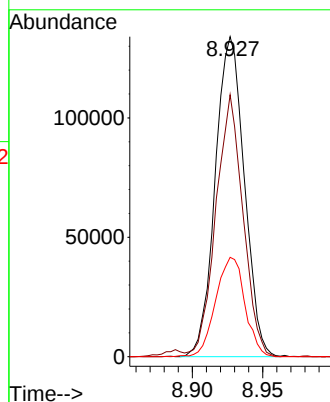
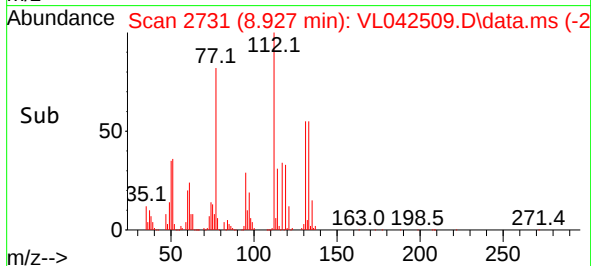


Tgt Ion	Ratio	Lower	Upper
112	100		
77	81.8	65.0	97.4
114	31.1	27.5	33.7

Manual Integrations

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



#58

Ethyl Benzene

Concen: 11.230 ppbv

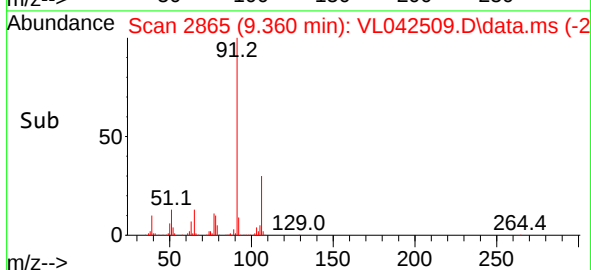
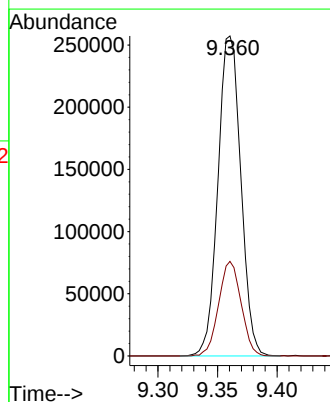
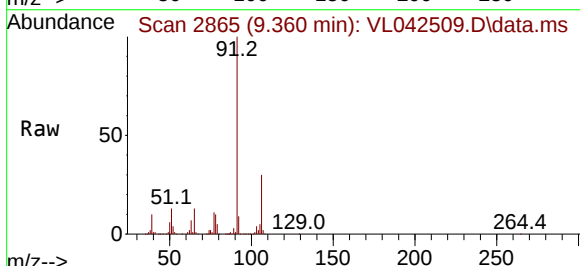
RT: 9.360 min Scan# 2865

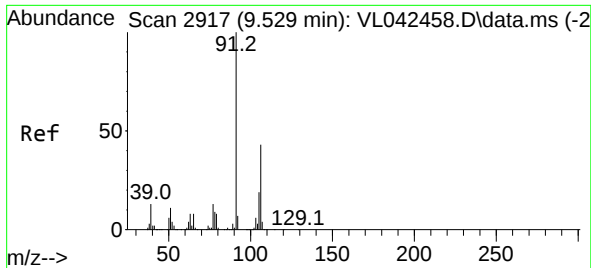
Delta R.T. 0.006 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

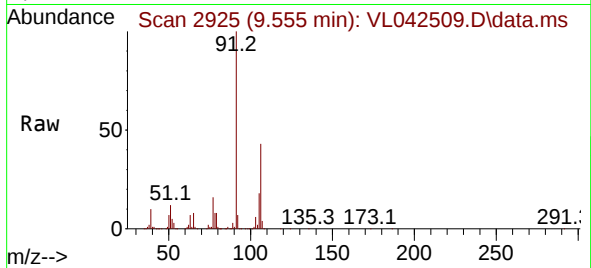
Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.9	32.9





#59
m/p-Xylene
Concen: 23.261 ppbv m
RT: 9.555 min Scan# 2917
Delta R.T. 0.026 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

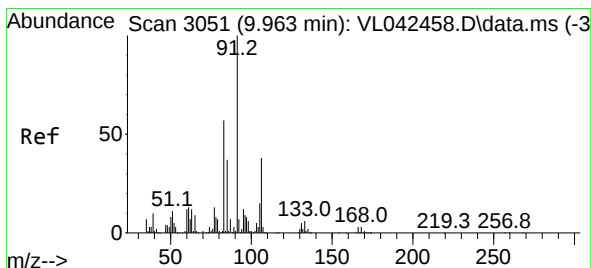
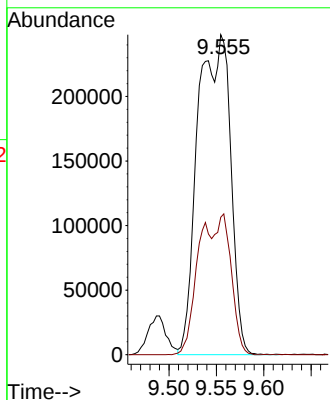
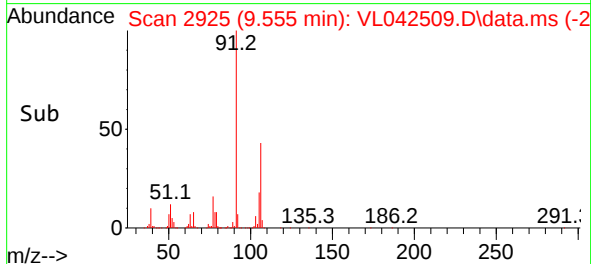
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



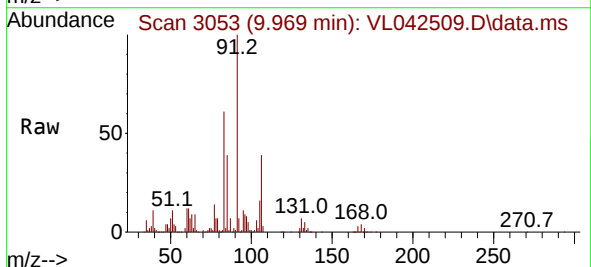
Tgt Ion: 91 Resp: 59580
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2

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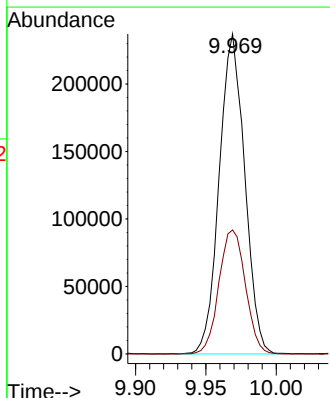
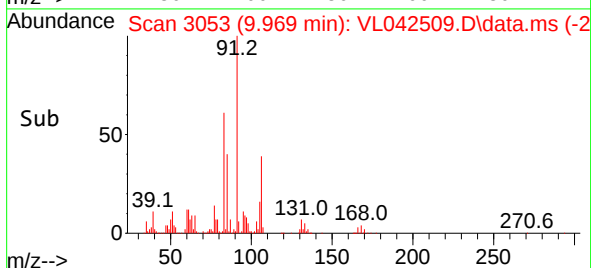
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

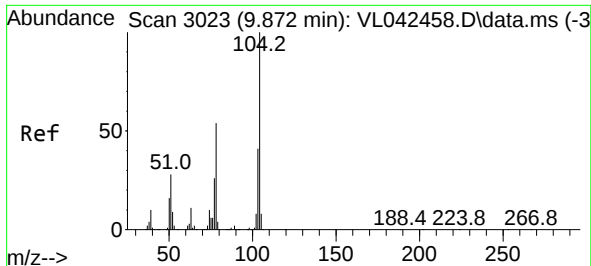


#60
o-Xylene
Concen: 11.646 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



Tgt Ion: 91 Resp: 298656
Ion Ratio Lower Upper
91 100
106 40.3 20.1 60.2





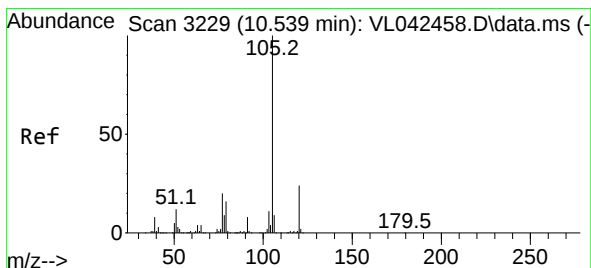
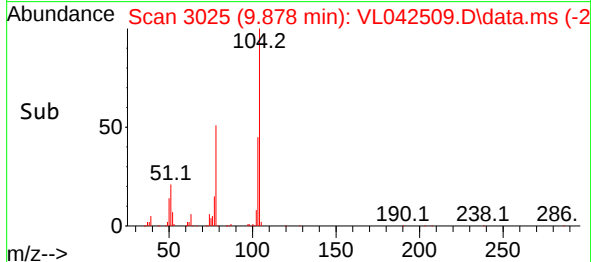
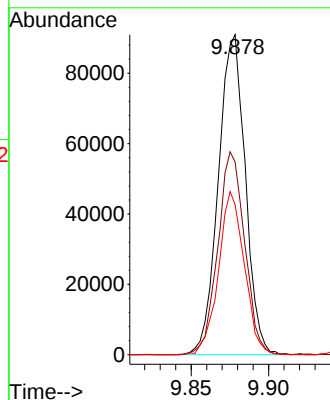
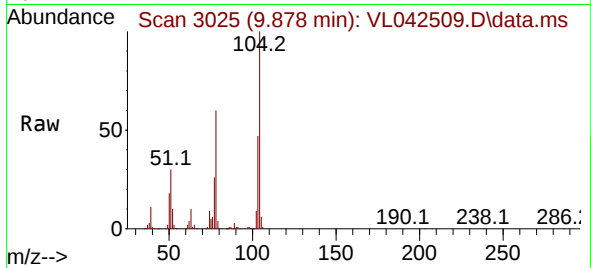
#61
Styrene
Concen: 11.518 ppbv
RT: 9.878 min Scan# 3023
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 11023
Ion Ratio Lower Upper
104 100
78 63.0 46.9 70.3
103 49.0 36.6 55.0

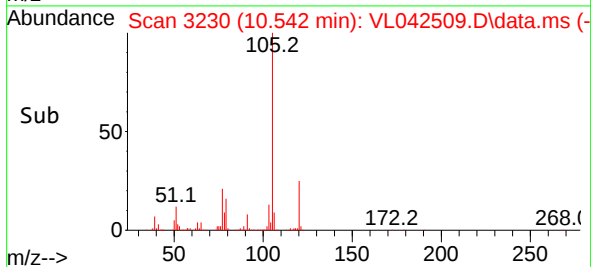
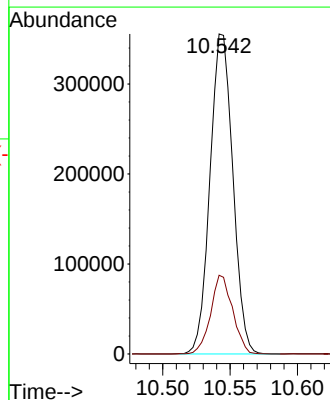
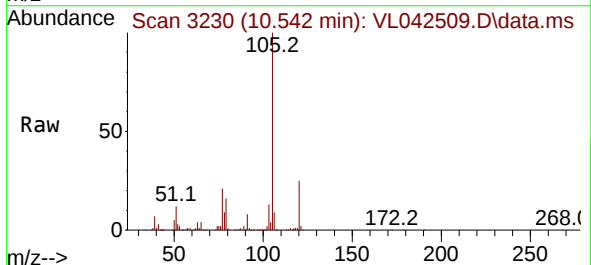
Manual Integrations
APPROVED

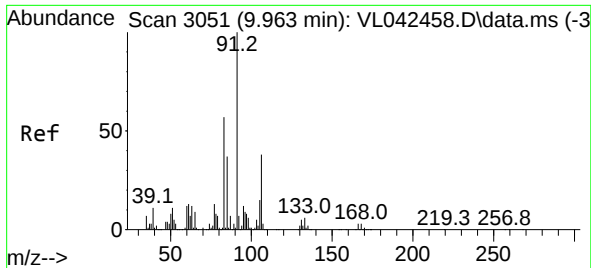
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62
Isopropylbenzene
Concen: 11.338 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

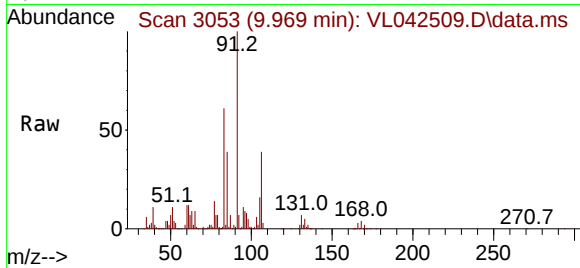
Tgt Ion:105 Resp: 419436
Ion Ratio Lower Upper
105 100
120 23.7 18.8 28.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.558 ppbv
RT: 9.969 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

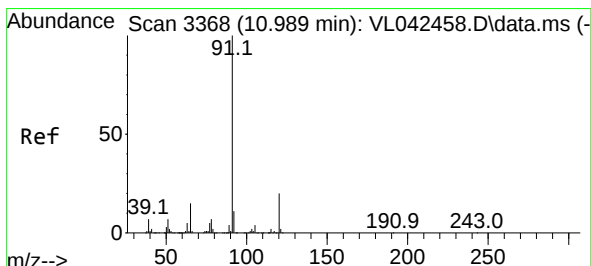
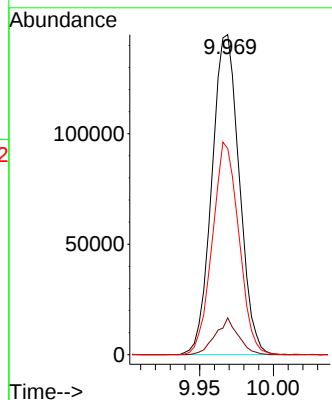
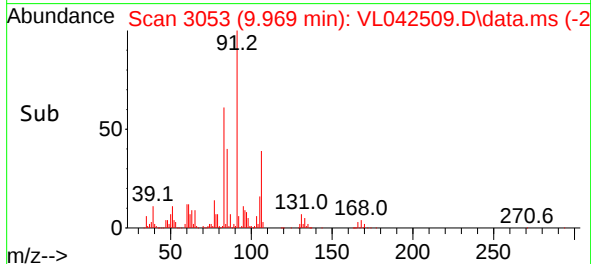
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



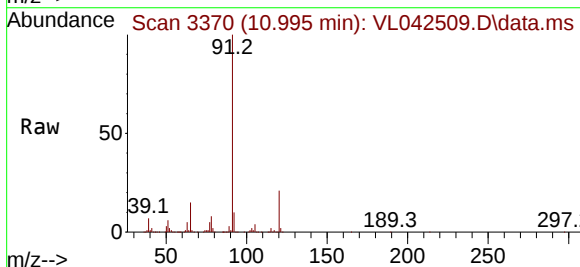
Tgt Ion: 83 Resp: 18667
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 64.4 32.5 97.4

Manual Integrations
APPROVED

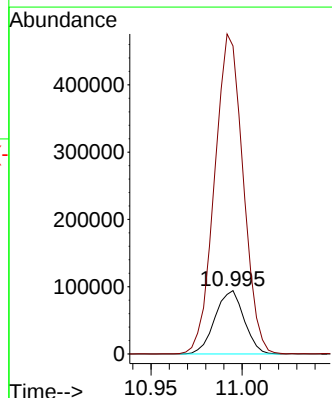
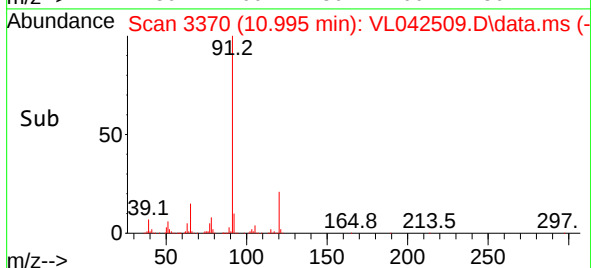
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

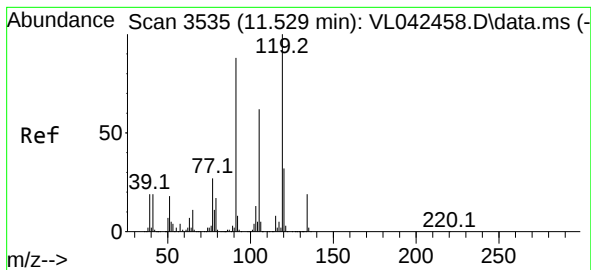


#64
n-propylbenzene
Concen: 11.517 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



Tgt Ion:120 Resp: 104127
Ion Ratio Lower Upper
120 100
91 498.8 408.6 612.8





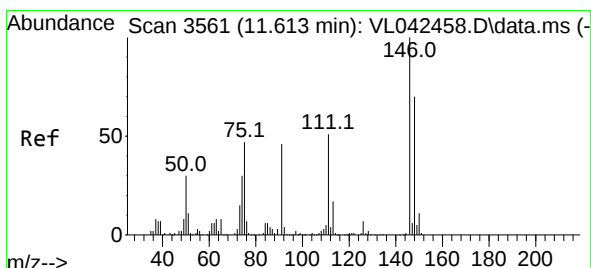
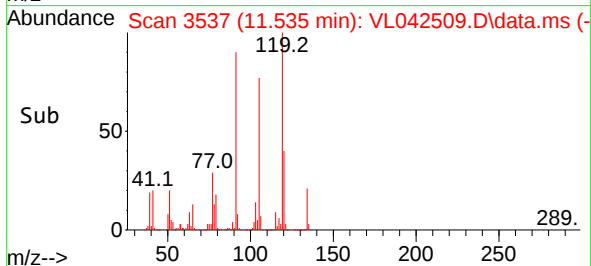
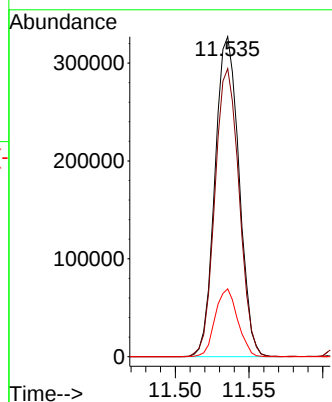
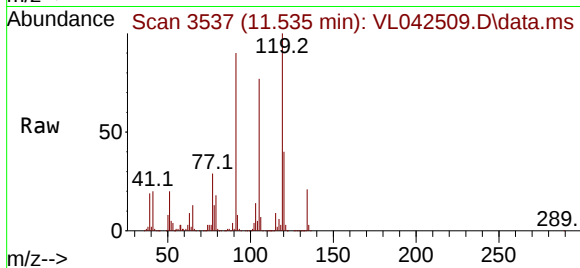
#65
tert-Butylbenzene
Concen: 11.250 ppbv
RT: 11.535 min Scan# 3537
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 371392
Ion Ratio Lower Upper
119 100
91 90.4 71.6 107.4
134 19.8 15.0 22.4

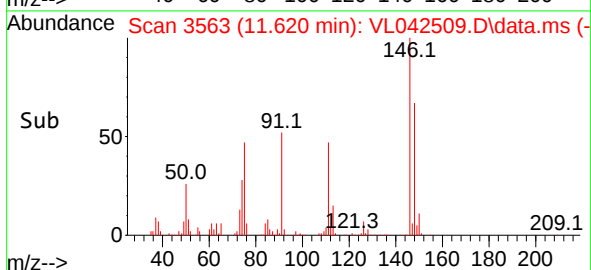
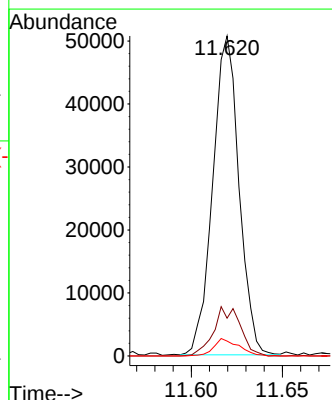
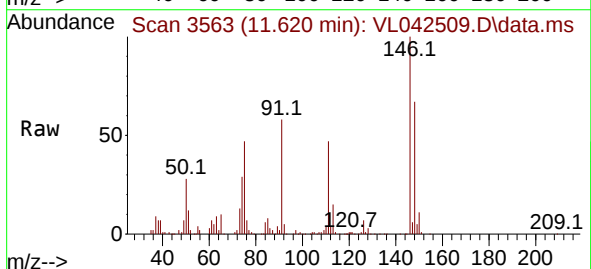
Manual Integrations
APPROVED

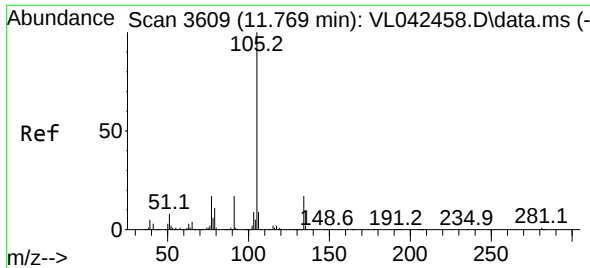
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#66
Benzyl Chloride
Concen: 13.329 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

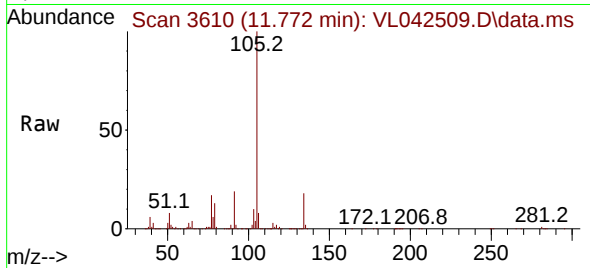
Tgt Ion: 91 Resp: 50858
Ion Ratio Lower Upper
91 100
126 15.8 13.3 19.9
128 5.2 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 11.453 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

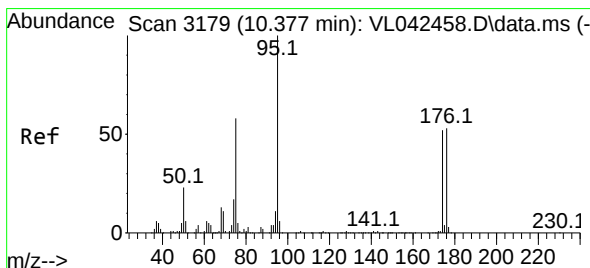
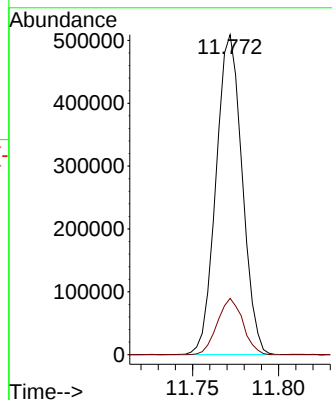
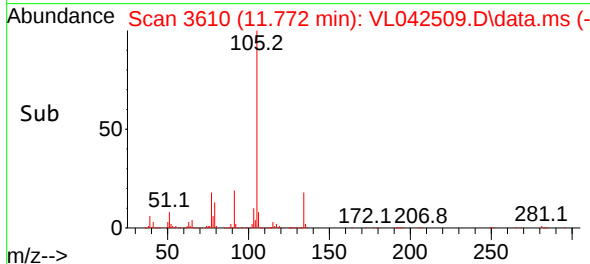
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



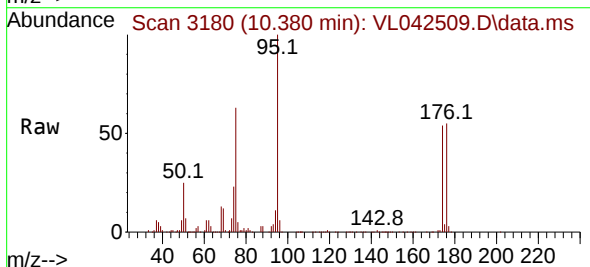
Tgt Ion:105 Resp: 537314
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.1 21.1

Manual Integrations
 APPROVED

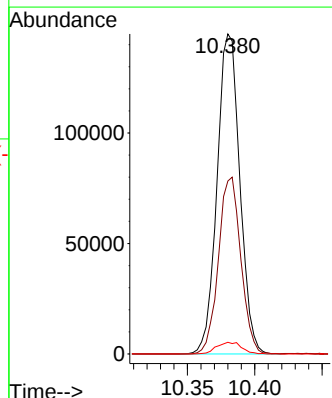
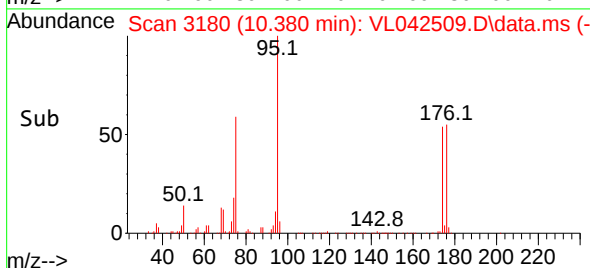
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

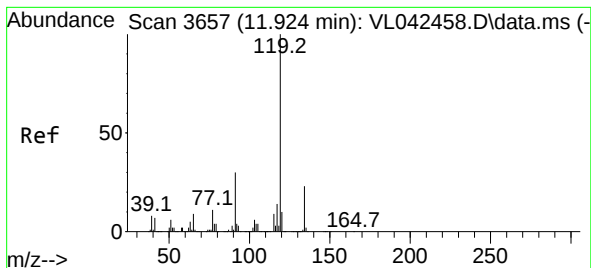


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.041 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.003 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42



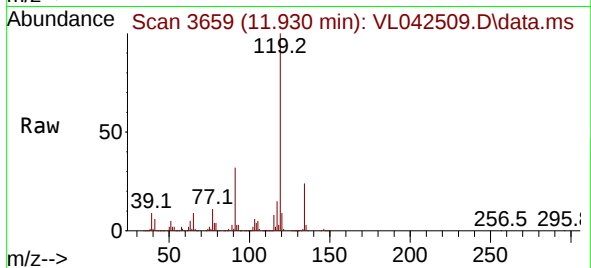
Tgt Ion: 95 Resp: 170192
 Ion Ratio Lower Upper
 95 100
 174 54.3 42.7 64.1
 175 4.0 3.6 5.4





#69
p-Isopropyltoluene
Concen: 11.229 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

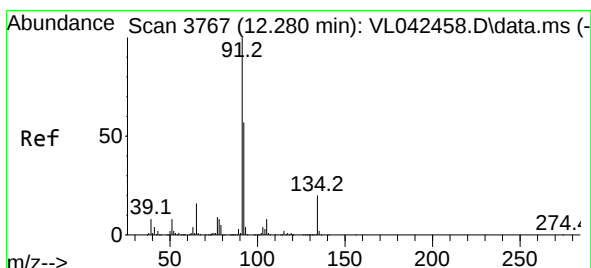
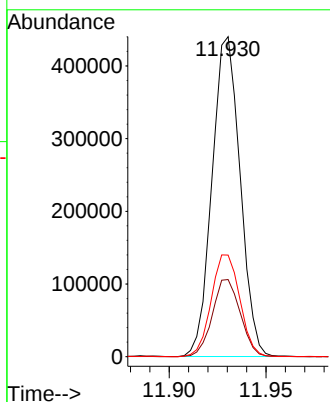
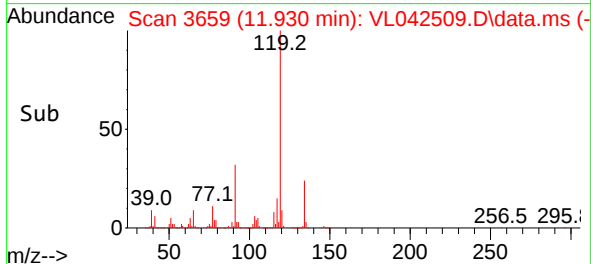
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



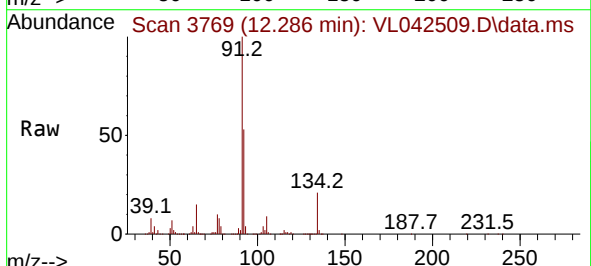
Tgt Ion: 119 Resp: 443828
Ion Ratio Lower Upper
119 100
134 24.2 19.0 28.4
91 32.7 25.5 38.3

Manual Integrations
APPROVED

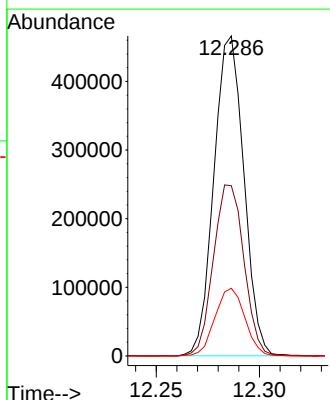
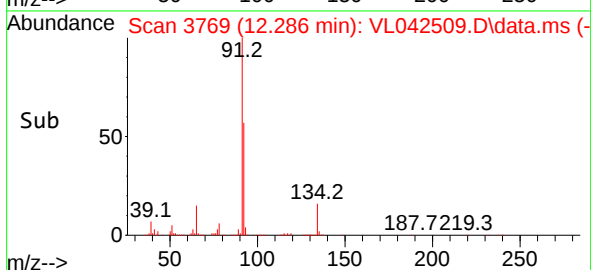
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

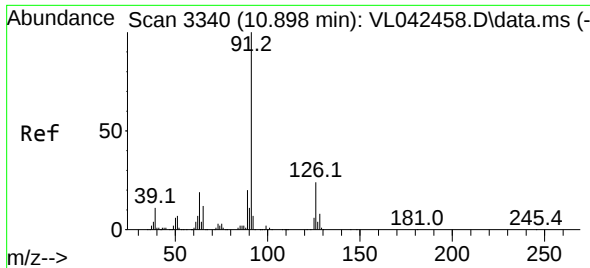


#70
n-Butylbenzene
Concen: 11.502 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



Tgt Ion: 91 Resp: 469958
Ion Ratio Lower Upper
91 100
92 54.6 44.0 66.0
134 21.1 16.8 25.2





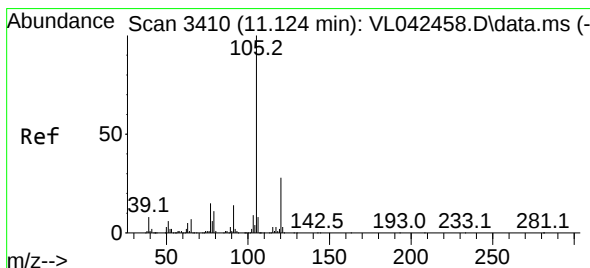
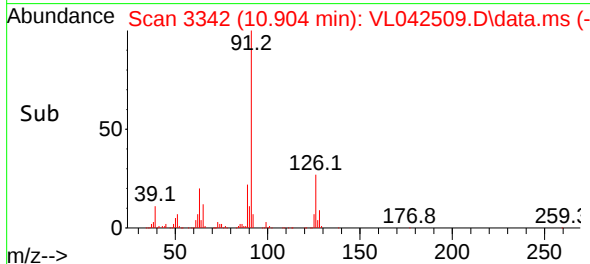
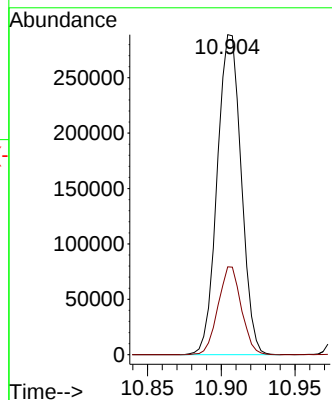
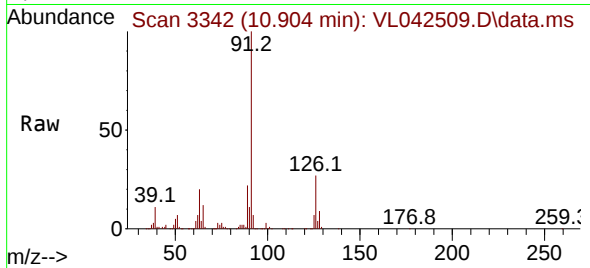
#71
2-Chlorotoluene
Concen: 11.299 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 32783
Ion Ratio Lower Upper
91 100
126 26.5 10.6 42.2

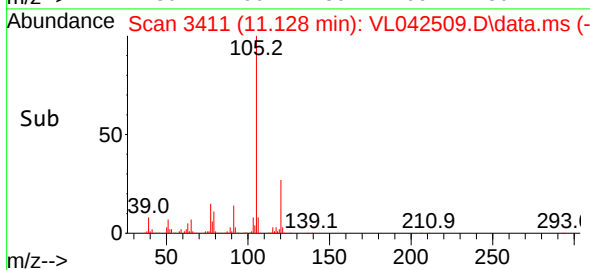
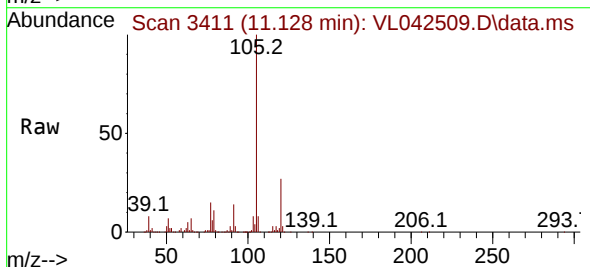
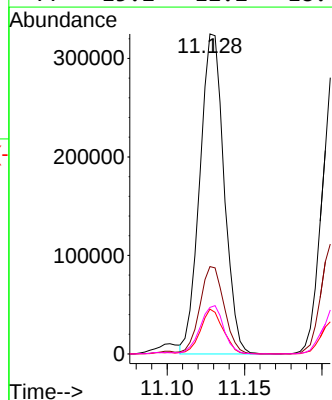
Manual Integrations
APPROVED

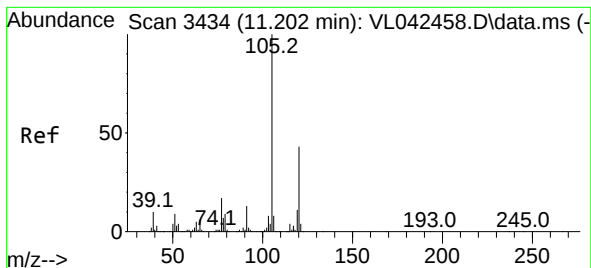
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 11.693 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

Tgt Ion:105 Resp: 353544
Ion Ratio Lower Upper
105 100
120 28.0 22.0 33.0
91 13.7 11.2 16.8
77 15.2 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 11.552 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 307198

Ion Ratio Lower Upper

105 100

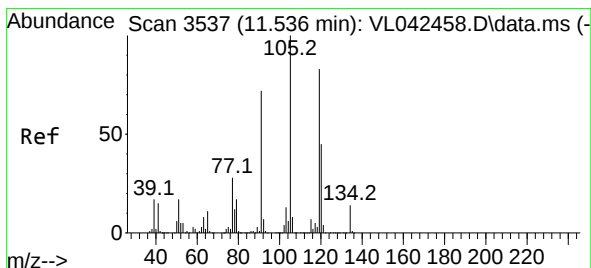
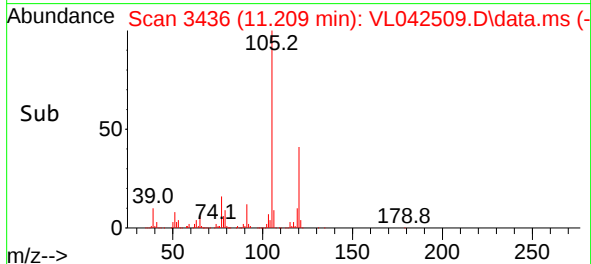
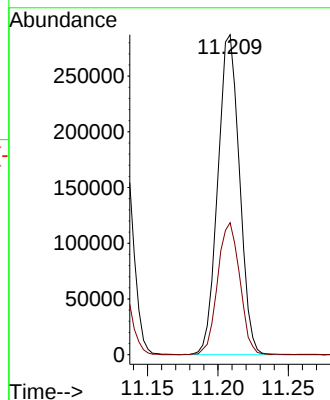
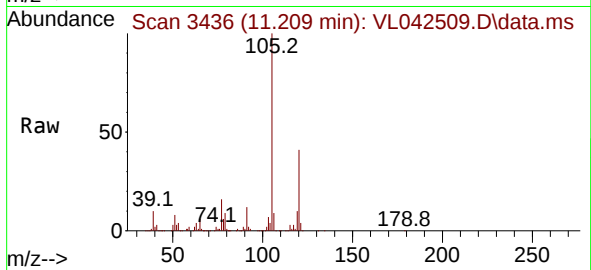
120 41.3 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.729 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

Tgt Ion:105 Resp: 345199

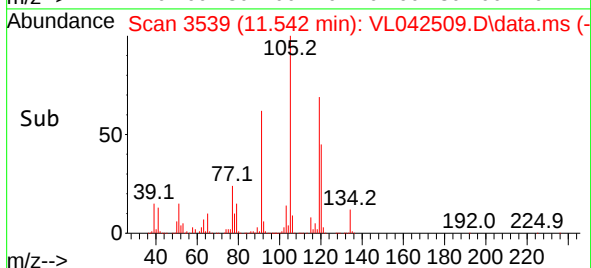
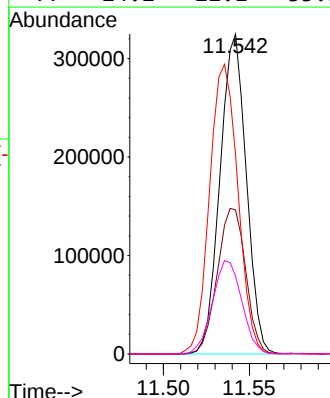
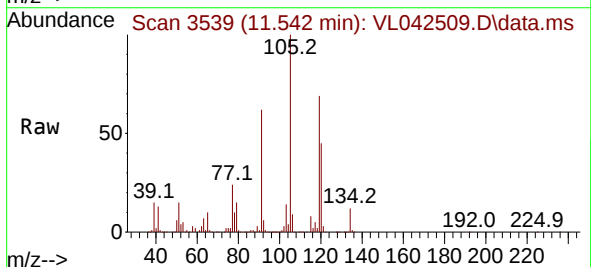
Ion Ratio Lower Upper

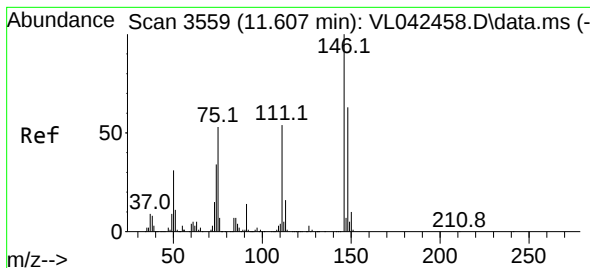
105 100

120 45.0 36.1 54.1

91 62.1 57.6 86.4

77 24.2 22.1 33.1





#75

1,3-Dichlorobenzene

Concen: 10.586 ppbv

RT: 11.610 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 18961

Ion Ratio Lower Upper

146 100

111 51.8 26.1 78.3

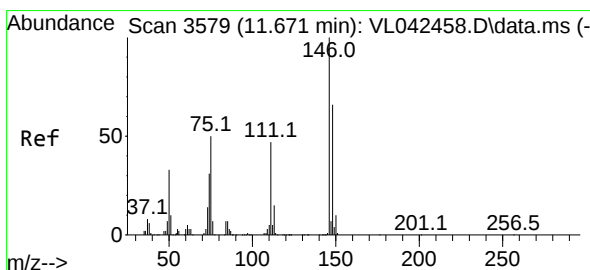
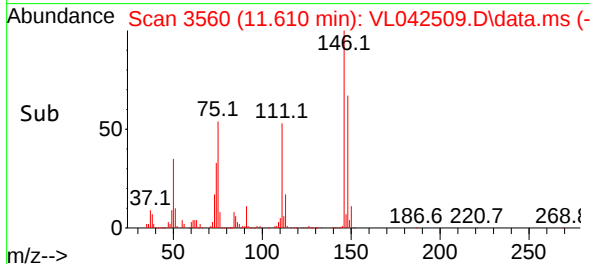
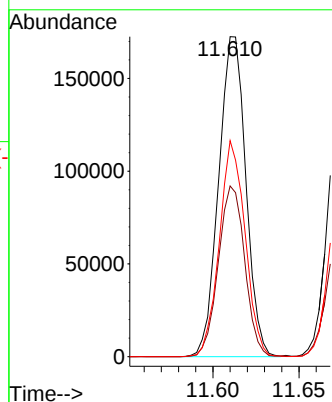
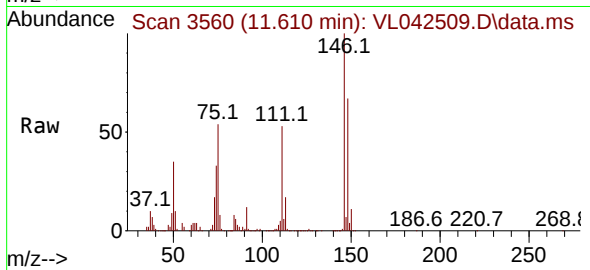
148 63.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#76

1,4-Dichlorobenzene

Concen: 11.303 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

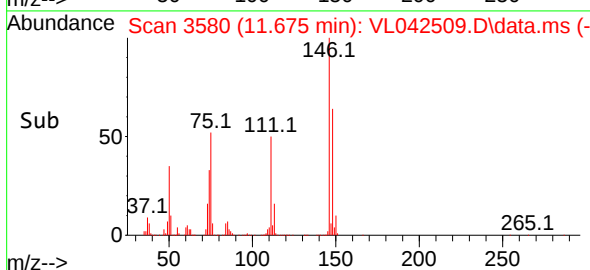
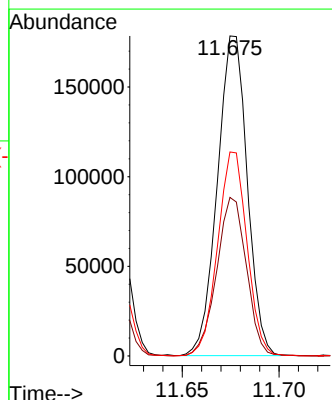
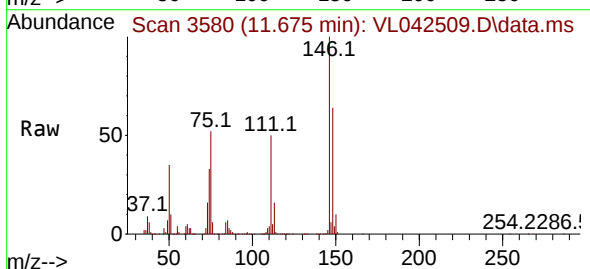
Tgt Ion:146 Resp: 191595

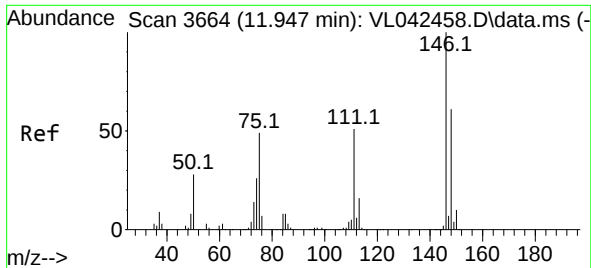
Ion Ratio Lower Upper

146 100

111 49.5 24.4 73.2

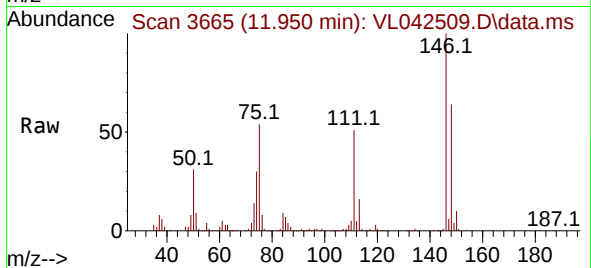
148 62.6 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 10.540 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42

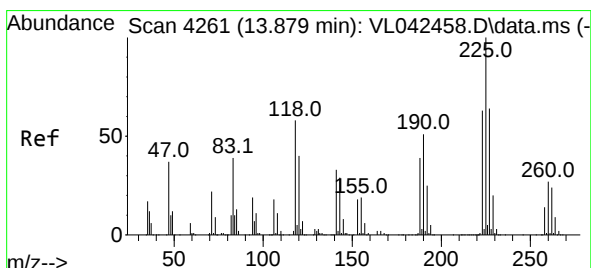
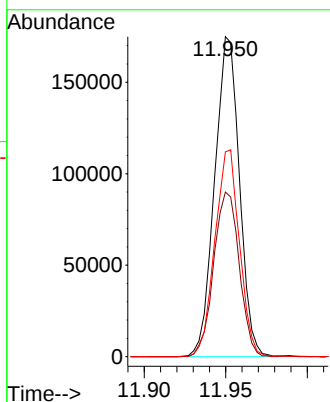
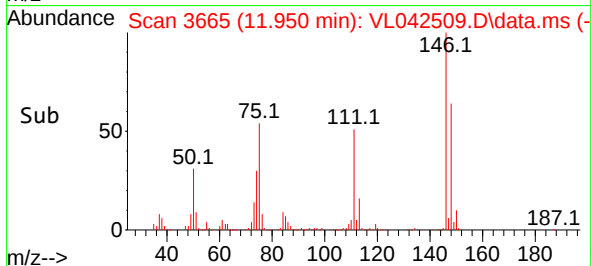
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



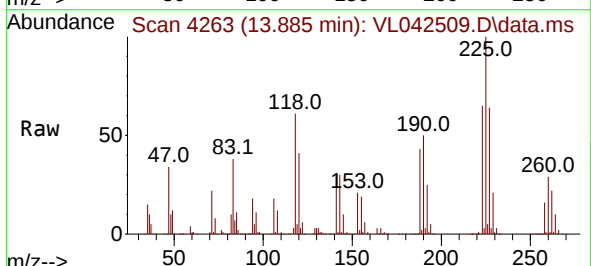
Tgt Ion:146 Resp: 184789
Ion Ratio Lower Upper
146 100
111 53.2 26.5 79.5
148 64.3 31.5 94.5

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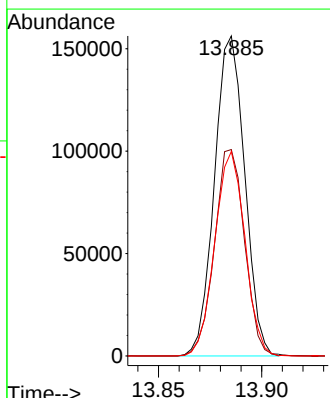
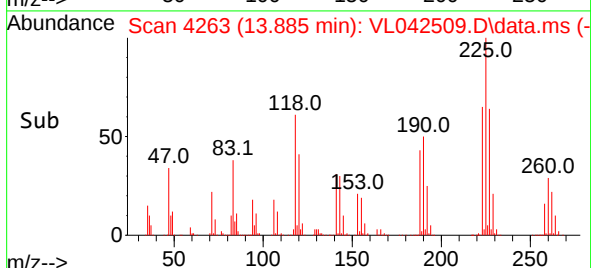
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

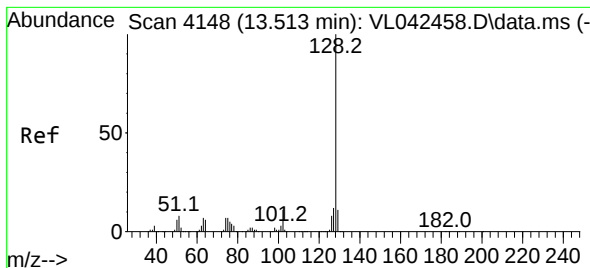


#78
Hexachloro-1,3-Butadiene
Concen: 9.104 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.006 min
Lab File: VL042509.D
Acq: 07 May 2025 09:42



Tgt Ion:225 Resp: 159400
Ion Ratio Lower Upper
225 100
223 64.0 50.2 75.4
227 63.5 51.2 76.8





#79

Naphthalene

Concen: 11.923 ppbv

RT: 13.516 min Scan# 4148

Delta R.T. 0.003 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 32295

Ion Ratio Lower Upper

128 100

127 15.1 9.7 14.5

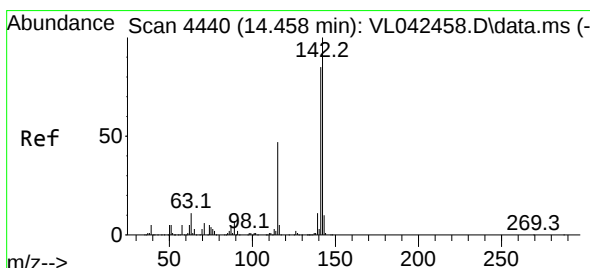
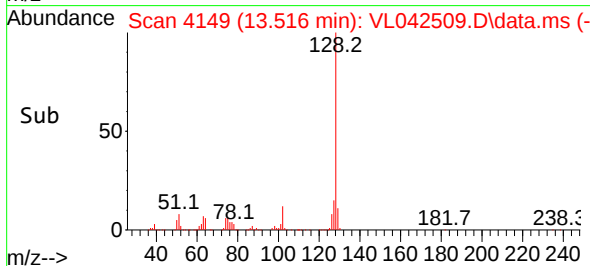
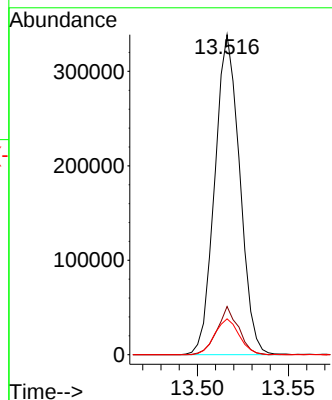
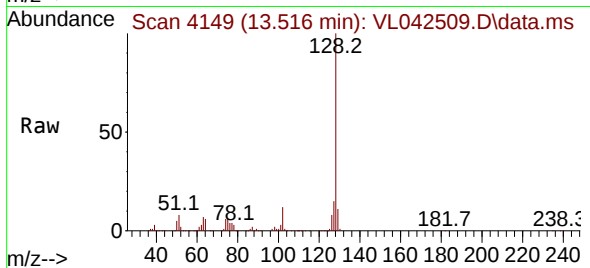
129 11.2 8.6 13.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#80

Naphthalene,2-methyl-

Concen: 11.643 ppbv

RT: 14.461 min Scan# 4441

Delta R.T. 0.003 min

Lab File: VL042509.D

Acq: 07 May 2025 09:42

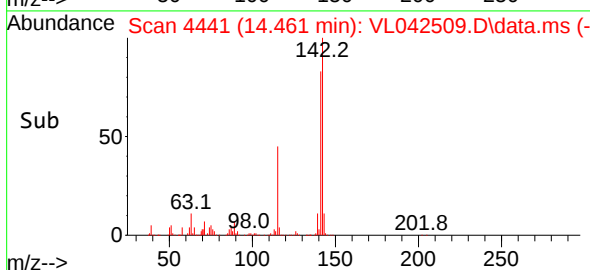
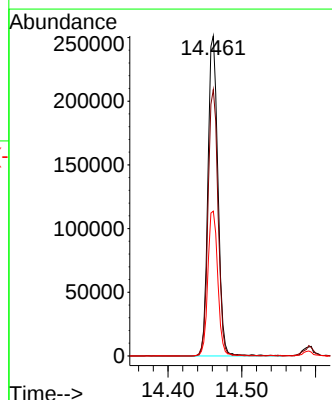
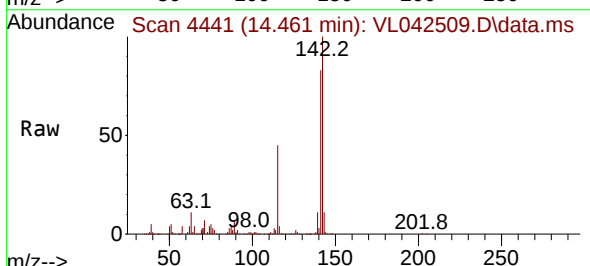
Tgt Ion:142 Resp: 234392

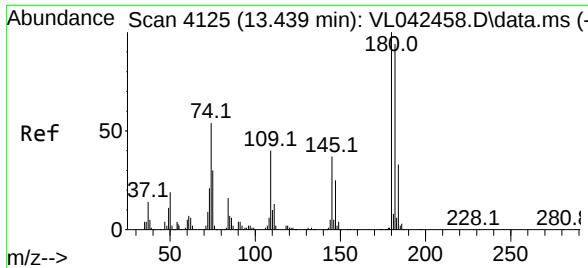
Ion Ratio Lower Upper

142 100

141 84.2 67.4 101.0

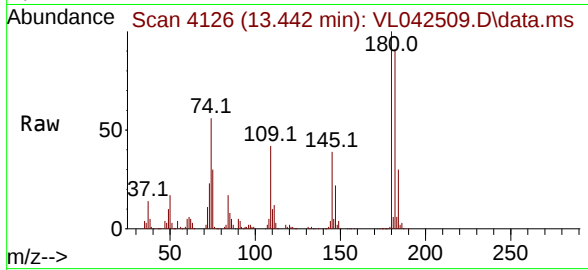
115 45.3 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.749 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042509.D
 Acq: 07 May 2025 09:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 155280
 Ion Ratio Lower Upper
 180 100
 182 95.6 74.6 111.8
 184 30.5 24.9 37.3

Manual Integrations
 APPROVED

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

