

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061725\
 Data File : VL042641.D
 Acq On : 17 Jun 2025 09:38
 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 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 04:22:19 2025

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

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	103264	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	264881	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	233670	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 195426 11.157 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 111.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	136844	10.783	ppbv	97
3) Chlorodifluoromethane	1.476	51	178898	10.235	ppbv	98
4) Chloromethane	1.534	50	49585	9.866	ppbv	100
5) Vinyl Chloride	1.580	62	46548	9.092	ppbv	100
6) Bromomethane	1.670	94	23404	9.392	ppbv	93
7) Chloroethane	1.706	64	19022	9.562	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	106920	10.111	ppbv	99
9) Propene	1.483	41	40351m	5.732	ppbv	
10) Heptane	4.985	43	188873	9.519	ppbv	99
11) Trichlorofluoromethane	1.877	101	129896	11.000	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	97391	10.503	ppbv	98
13) Ethanol	1.722	45	5002	5.963	ppbv	91
14) Bromoethene	1.784	108	36290	10.405	ppbv	98
15) Acetone	1.835	43	110103	8.852	ppbv	97
16) 1,3-Butadiene	1.609	39	55682	9.450	ppbv	94
17) tert-Butyl alcohol	2.043	59	115625	8.923	ppbv	100
18) 1,1-Dichloroethene	2.036	96	42135	9.803	ppbv	91
19) Isopropyl Alcohol	1.887	45	65567	8.818	ppbv	93
20) Methylene Chloride	2.062	84	35759	8.712	ppbv	95
21) Allyl Chloride	2.098	41	81823	9.323	ppbv	97
22) trans-1,2-Dichloroethene	2.344	96	50206	10.458	ppbv	92
23) Vinyl Acetate	2.463	43	209051	12.433	ppbv #	96
24) 1,1-Dichloroethane	2.411	63	100744	10.199	ppbv	99
25) Ethyl Acetate	2.839	43	339219	9.965	ppbv	99
26) Hexane	2.829	57	144081	9.315	ppbv	94
27) Carbon Disulfide	2.153	76	120502	10.148	ppbv	94
28) Methyl tert-Butyl Ether	2.447	73	75589	12.043	ppbv	98
29) Chloroform	2.852	83	222497	11.062	ppbv	96
30) Cyclohexane	3.861	84	115428	9.002	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	138347	9.778	ppbv	94
32) 1,1,1-Trichloroethane	3.370	97	214232	10.425	ppbv	99
34) 2-Butanone	2.560	43	217806	11.530	ppbv	100
35) Carbon Tetrachloride	3.768	117	218187	12.478	ppbv	98
36) Benzene	3.661	78	286924	11.000	ppbv	100
37) 1,2-Dichloroethane	3.221	62	165736	12.785	ppbv	98
38) Trichloroethene	4.551	130	115559	10.423	ppbv	91
39) 1,2-Dichloropropane	4.315	63	105952	10.984	ppbv	98
40) 1,4-Dioxane	4.587	88	44569	10.326	ppbv #	96
41) Tetrahydrofuran	3.059	42	118327	10.701	ppbv	98
42) Bromodichloromethane	4.496	83	234576	12.740	ppbv	94
43) Methyl Methacrylate	4.884	69	106502	10.520	ppbv	97
44) 2,2,4-Trimethylpentane	4.645	57	494537	11.084	ppbv	98
45) t-1,3-Dichloropropene	6.422	75	121340	10.474	ppbv	97

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Manual Integrations
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 Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 04:22:19 2025

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

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

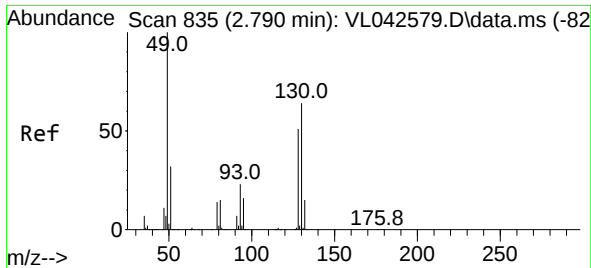
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	155615	10.720	ppbv	96
47) 1,1,2-Trichloroethane	6.587	97	111348	11.151	ppbv	93
48) Dibromochloromethane	7.393	129	182603	11.424	ppbv	100
49) Bromoform	9.490	173	161132	11.682	ppbv	99
50) 4-Methyl-2-Pentanone	5.758	43	289344	11.043	ppbv	98
51) 2-Hexanone	7.444	43	235098	11.314	ppbv #	95
52) Tetrachloroethene	8.231	164	95319	9.779	ppbv	97
53) Toluene	6.940	91	311868	10.345	ppbv	100
54) 1,2-Dibromoethane	7.658	107	167327	11.321	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.930	131	144376	12.288	ppbv	98
57) Chlorobenzene	8.927	112	254585	11.221	ppbv	97
58) Ethyl Benzene	9.361	91	444198	11.207	ppbv	96
59) m/p-Xylene	9.539	91	743067m	23.822	ppbv	
60) o-Xylene	9.969	91	371186	11.932	ppbv	97
61) Styrene	9.875	104	154552	10.508	ppbv	97
62) Isopropylbenzene	10.545	105	539476	11.738	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.969	83	240525	12.159	ppbv	100
64) n-propylbenzene	10.995	120	142225	11.544	ppbv	93
65) tert-Butylbenzene	11.536	119	471502	11.305	ppbv	96
66) Benzyl Chloride	11.620	91	52296	9.741	ppbv	97
67) sec-Butylbenzene	11.772	105	684448	11.673	ppbv	97
69) p-Isopropyltoluene	11.930	119	565690	11.520	ppbv	98
70) n-Butylbenzene	12.283	91	583541	12.039	ppbv	97
71) 2-Chlorotoluene	10.904	91	411599	11.741	ppbv	96
72) 4-Ethyltoluene	11.131	105	459848	11.856	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	381189	11.875	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	422453	11.859	ppbv	98
75) 1,3-Dichlorobenzene	11.613	146	260592	11.649	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	261654	11.727	ppbv	100
77) 1,2-Dichlorobenzene	11.953	146	250730	11.548	ppbv	99
78) Hexachloro-1,3-Butadiene	13.885	225	178330	9.927	ppbv	99
79) Naphthalene	13.516	128	399476	11.897	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	187778	12.378	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	205581	10.967	ppbv	99

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

Manual Integrations

Quant Time: Jun 18 04:22:19 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 02:01:56 2025
Response via : Initial Calibration





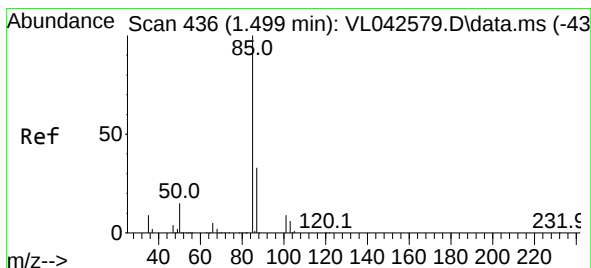
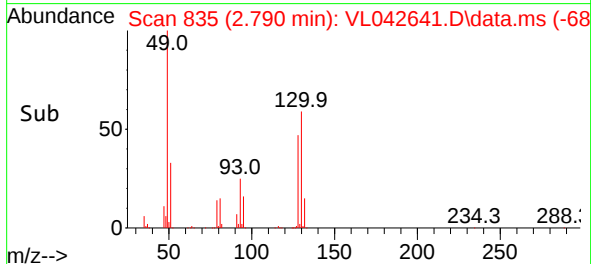
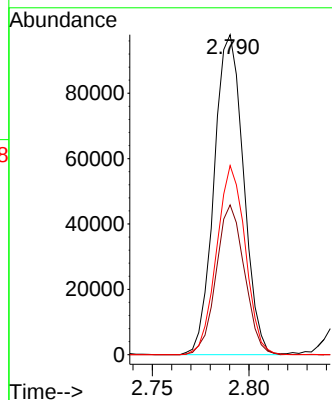
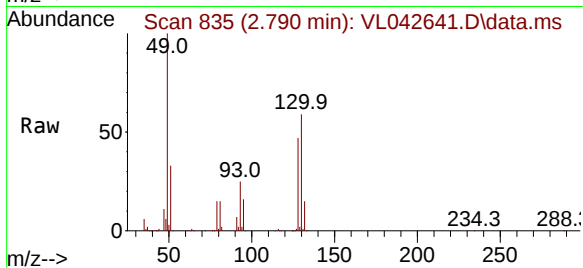
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 103264
Ion Ratio Lower Upper
49 100
128 45.1 24.2 72.6
130 57.7 30.4 91.2

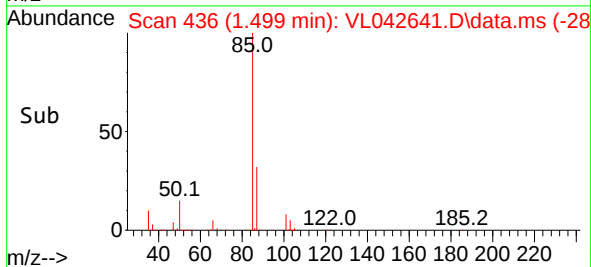
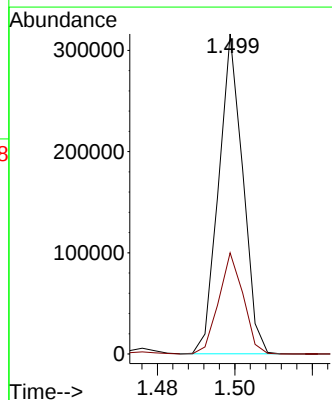
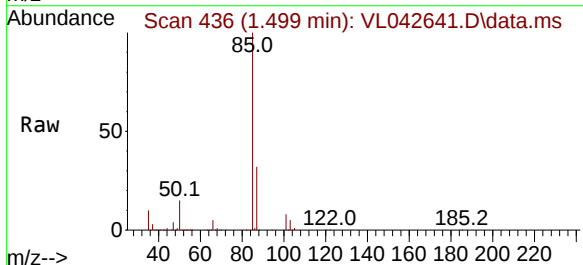
Manual Integrations
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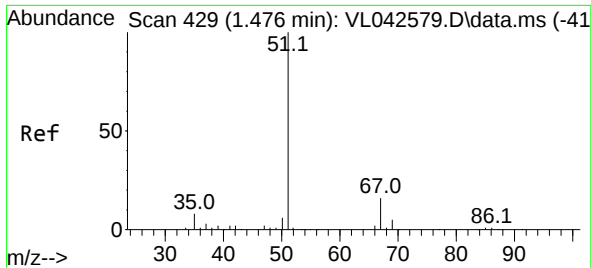
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#2
Dichlorodifluoromethane
Concen: 10.783 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Tgt Ion: 85 Resp: 136844
Ion Ratio Lower Upper
85 100
87 31.6 26.6 39.8





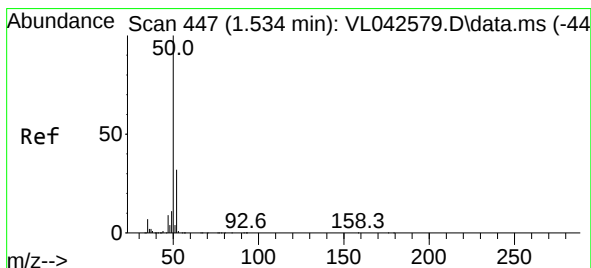
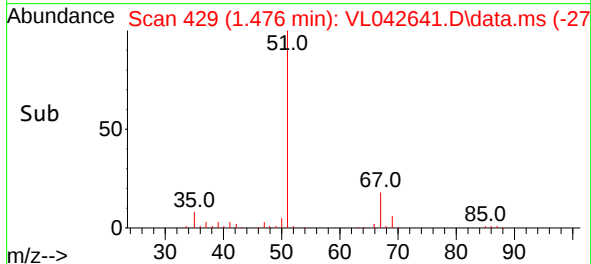
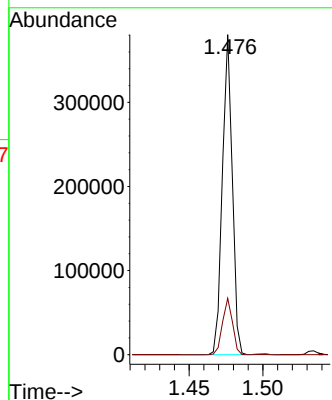
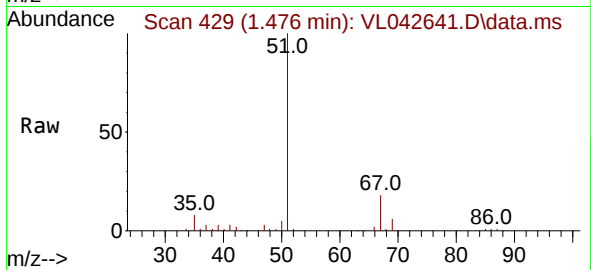
#3
Chlorodifluoromethane
Concen: 10.235 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 178898
Ion Ratio Lower Upper
51 100
67 17.8 13.4 20.2

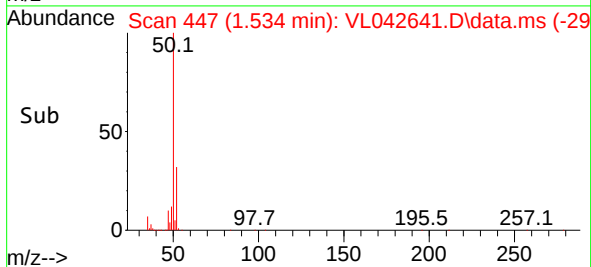
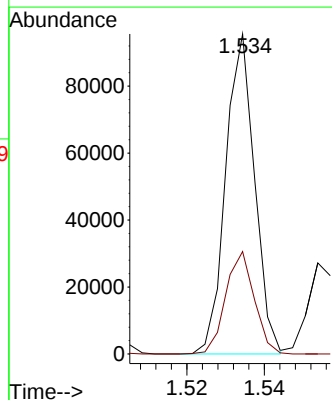
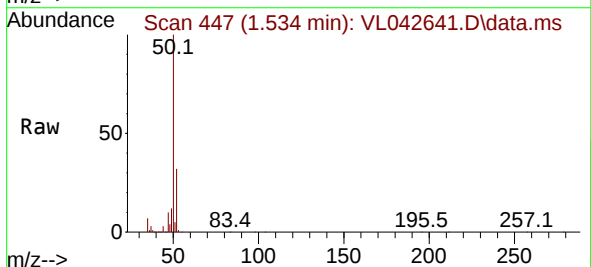
Manual Integrations
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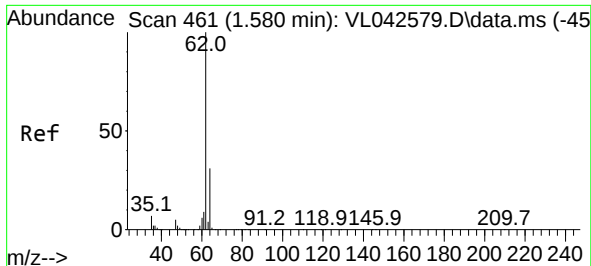
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#4
Chloromethane
Concen: 9.866 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

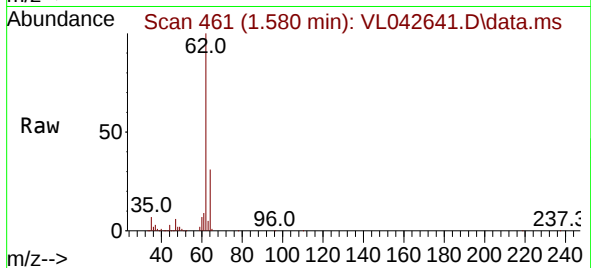
Tgt Ion: 50 Resp: 49585
Ion Ratio Lower Upper
50 100
52 32.0 25.8 38.6





#5
 Vinyl Chloride
 Concen: 9.092 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

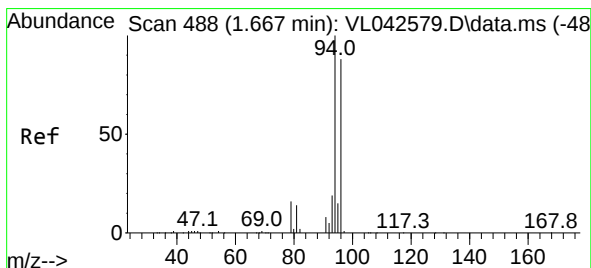
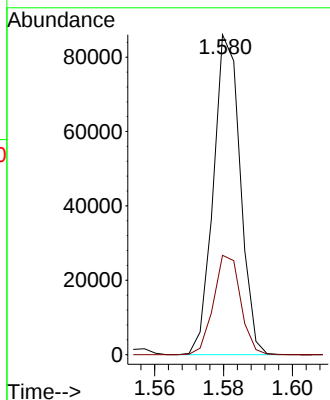
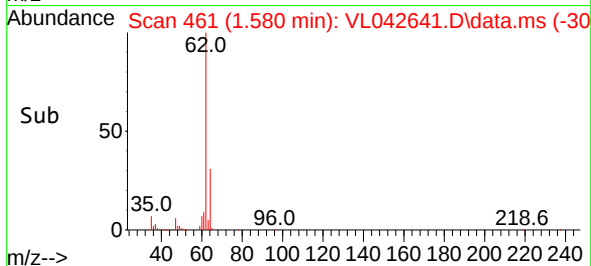
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



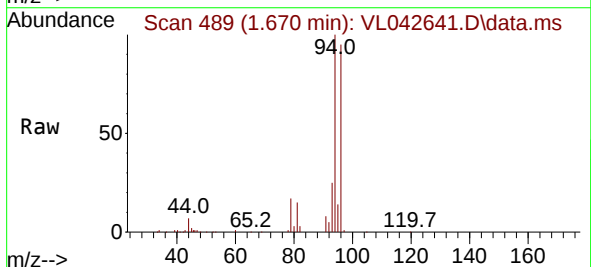
Tgt Ion: 62 Resp: 46548
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.9 37.3

Manual Integrations
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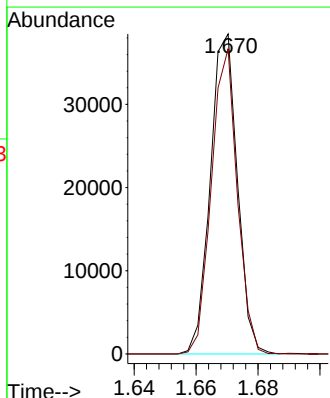
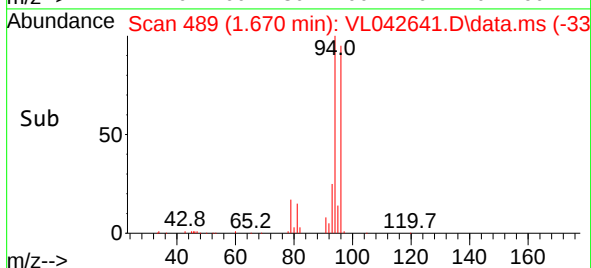
Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

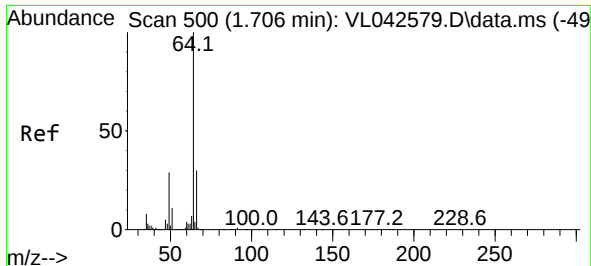


#6
 Bromomethane
 Concen: 9.392 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38



Tgt Ion: 94 Resp: 23404
 Ion Ratio Lower Upper
 94 100
 96 95.3 70.7 106.1





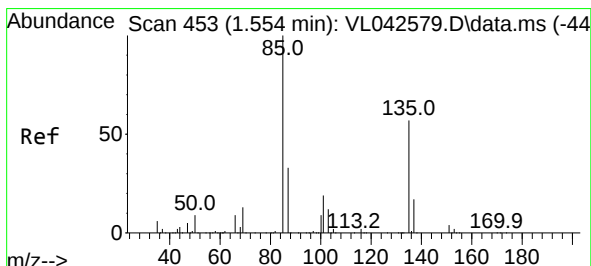
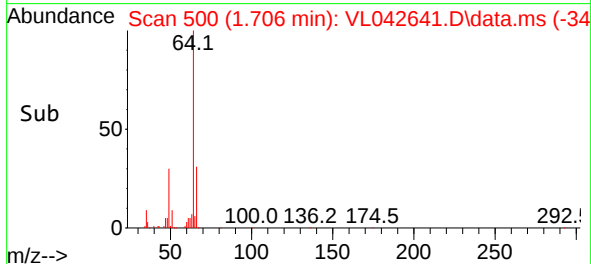
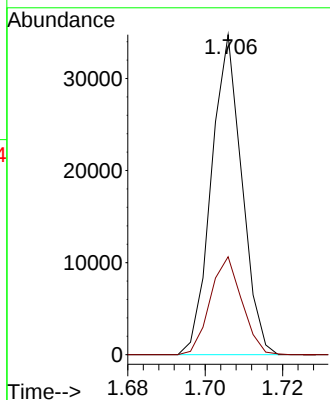
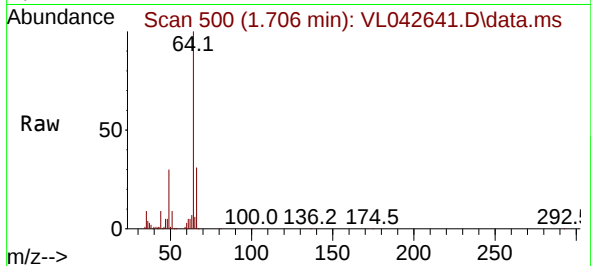
#7
Chloroethane
Concen: 9.562 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 1902
Ion Ratio Lower Upper
64 100
66 30.6 24.3 36.5

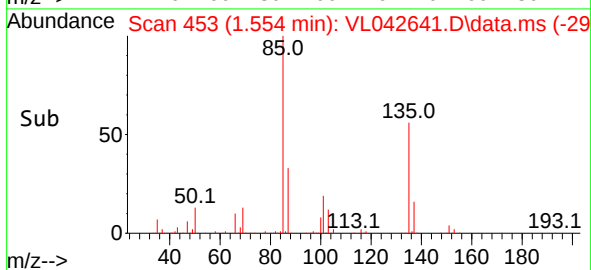
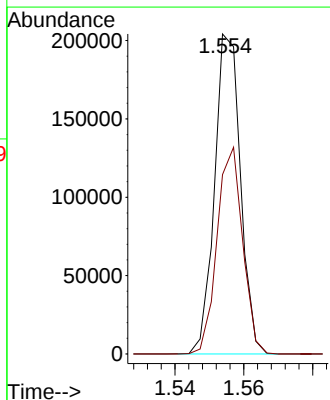
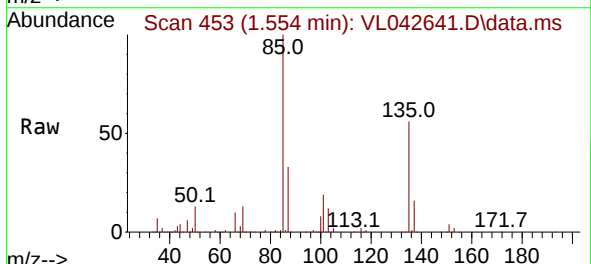
Manual Integrations
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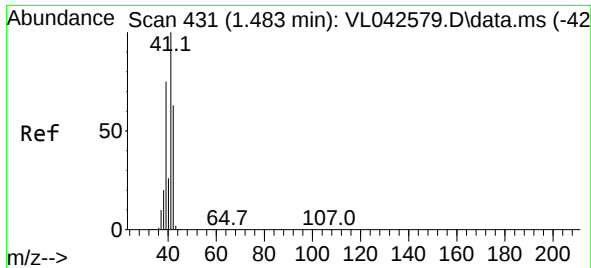
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#8
Dichlorotetrafluoroethane
Concen: 10.111 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

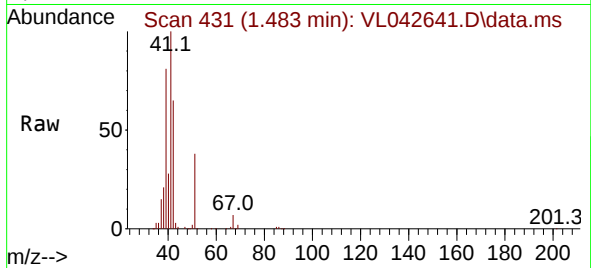
Tgt Ion: 85 Resp: 106920
Ion Ratio Lower Upper
85 100
135 63.7 50.2 75.4





#9
 Propene
 Concen: 5.732 ppbv m
 RT: 1.483 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

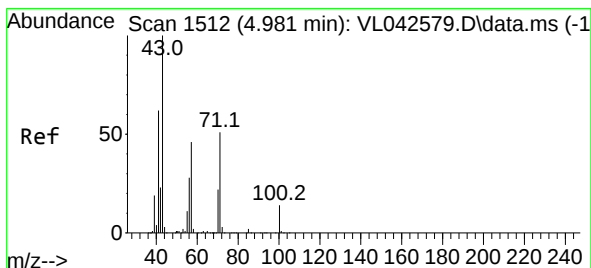
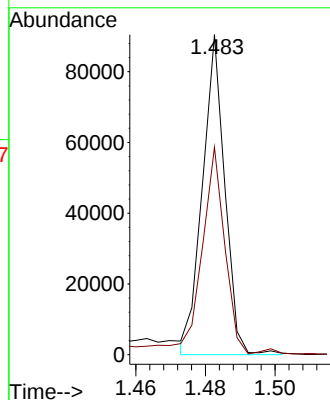
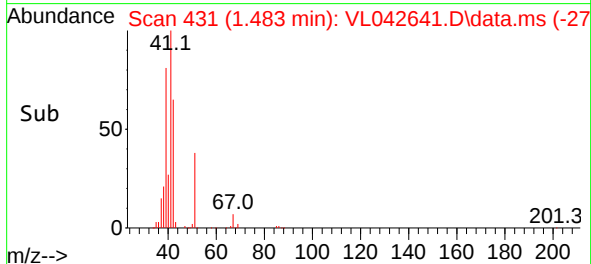
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



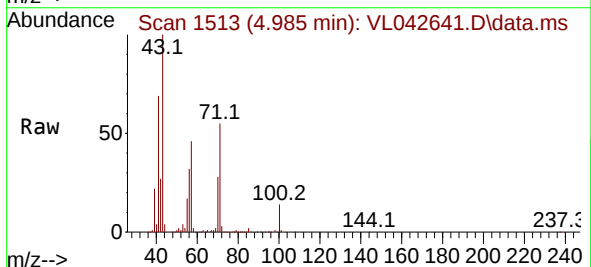
Tgt Ion: 41 Resp: 4035
 Ion Ratio Lower Upper
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 42 10.5 53.3 79.9

Manual Integrations
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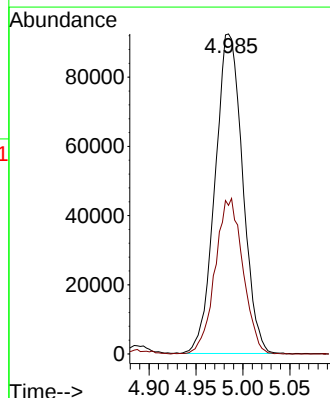
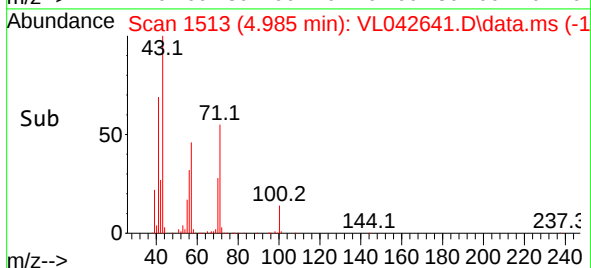
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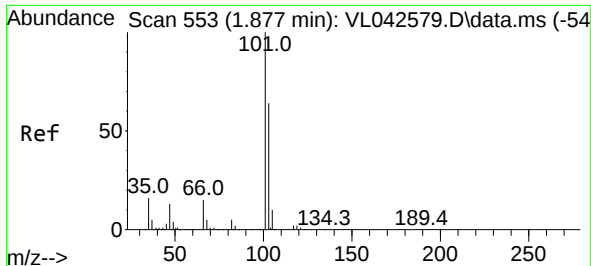


#10
 Heptane
 Concen: 9.519 ppbv
 RT: 4.985 min Scan# 1513
 Delta R.T. 0.003 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38



Tgt Ion: 43 Resp: 188873
 Ion Ratio Lower Upper
 43 100
 57 49.0 38.9 58.3





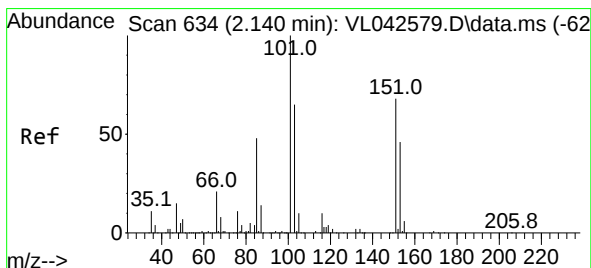
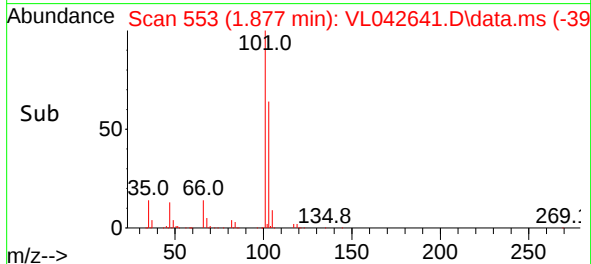
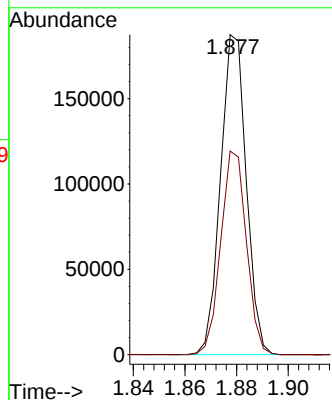
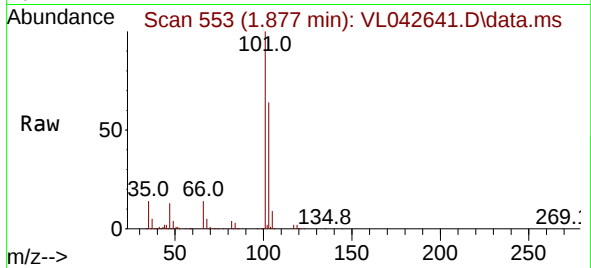
#11
Trichlorofluoromethane
Concen: 11.000 ppbv
RT: 1.877 min Scan# 553
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 129890
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3

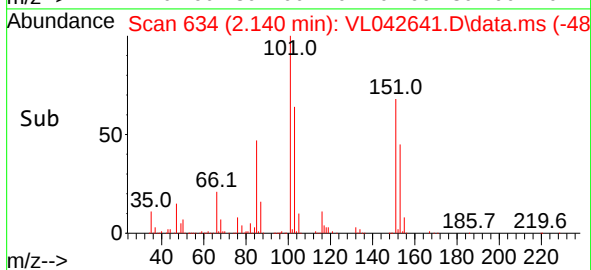
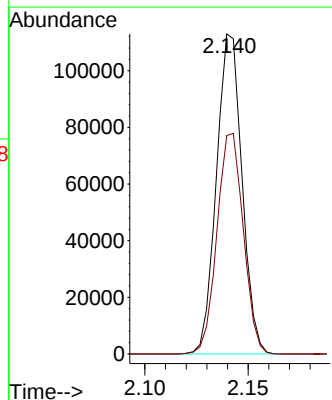
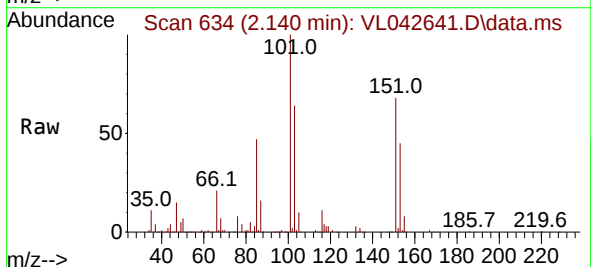
Manual Integrations
APPROVED

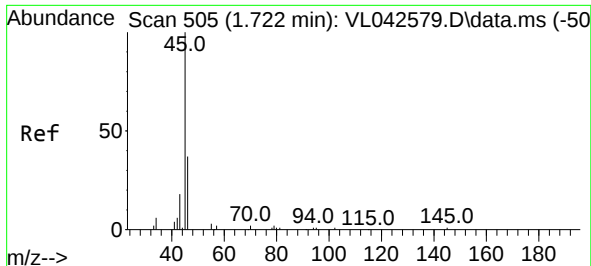
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.503 ppbv
RT: 2.140 min Scan# 634
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

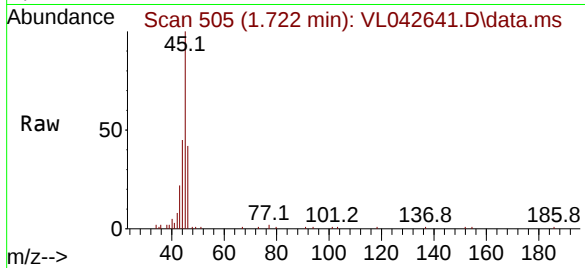
Tgt Ion:101 Resp: 97391
Ion Ratio Lower Upper
101 100
151 70.9 55.3 82.9





#13
Ethanol
Concen: 5.963 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

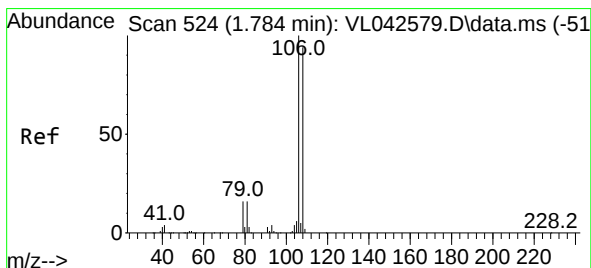
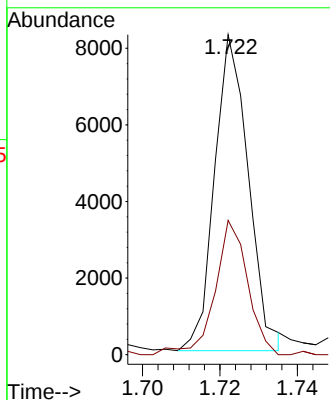
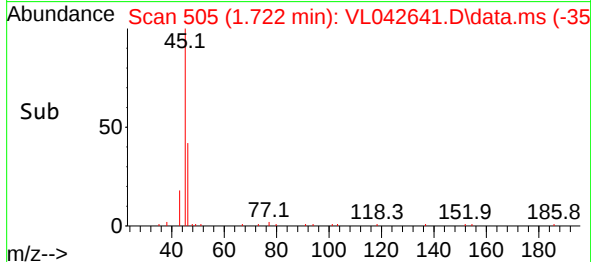
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



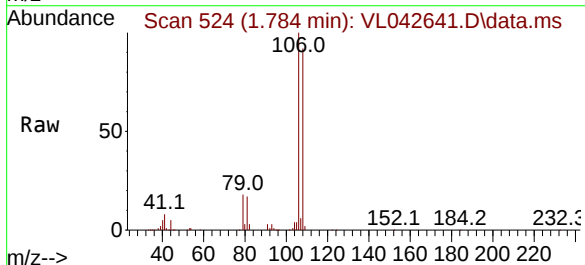
Tgt Ion: 45 Resp: 5002
Ion Ratio Lower Upper
45 100
46 41.4 14.5 58.1

Manual Integrations
APPROVED

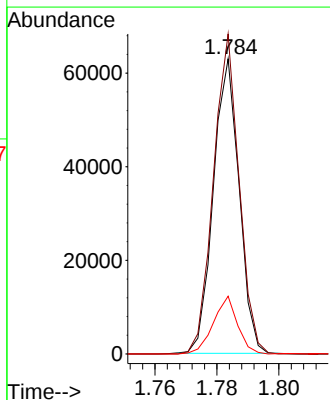
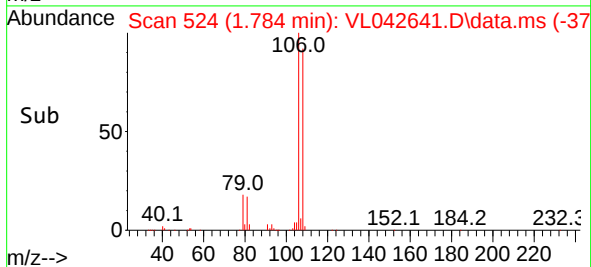
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#14
Bromoethene
Concen: 10.405 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



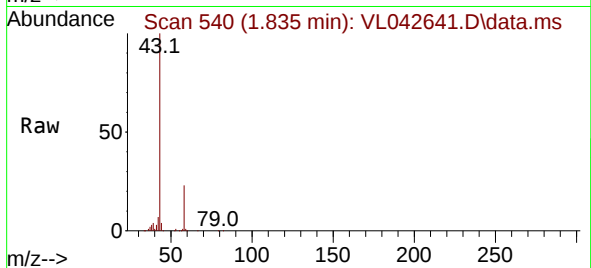
Tgt Ion:108 Resp: 36290
Ion Ratio Lower Upper
108 100
106 108.1 87.9 131.9
79 18.6 15.6 23.4





#15
Acetone
Concen: 8.852 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

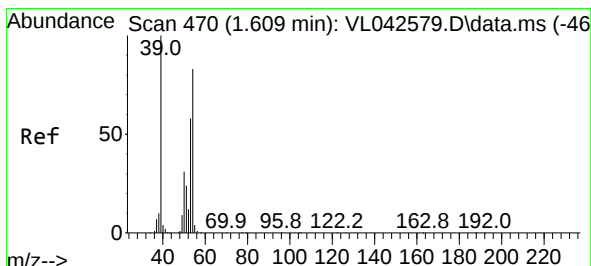
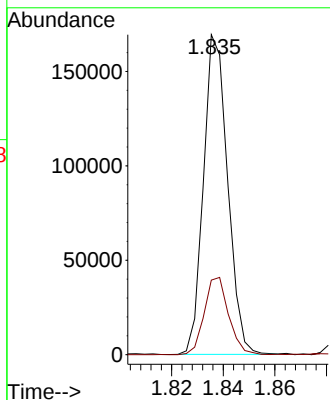
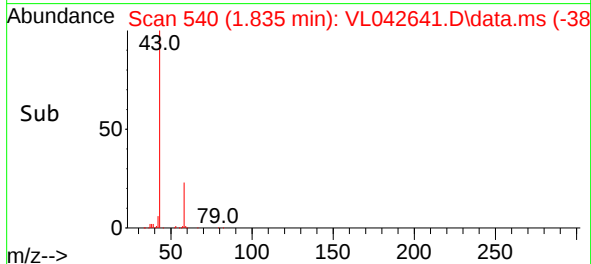
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



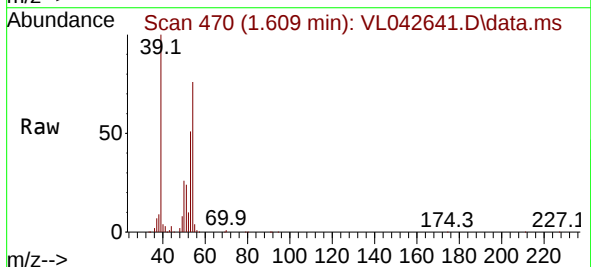
Tgt Ion: 43 Resp: 11010
Ion Ratio Lower Upper
43 100
58 24.5 21.0 31.4

Manual Integrations
APPROVED

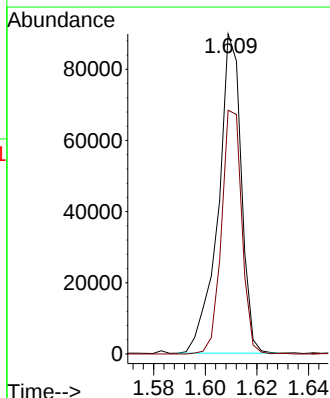
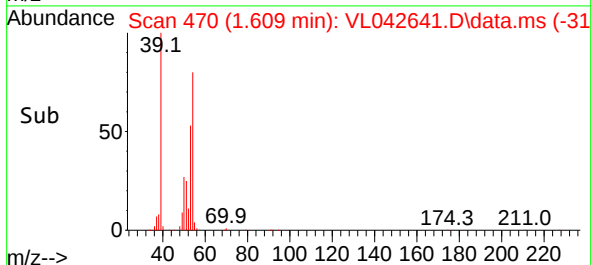
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

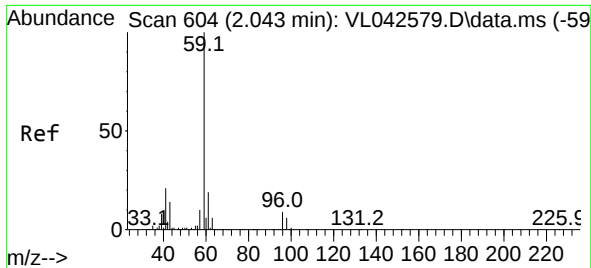


#16
1,3-Butadiene
Concen: 9.450 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



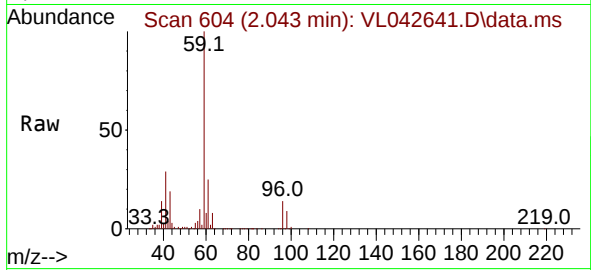
Tgt Ion: 39 Resp: 55682
Ion Ratio Lower Upper
39 100
54 67.4 57.9 86.9





#17
tert-Butyl alcohol
Concen: 8.923 ppbv
RT: 2.043 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

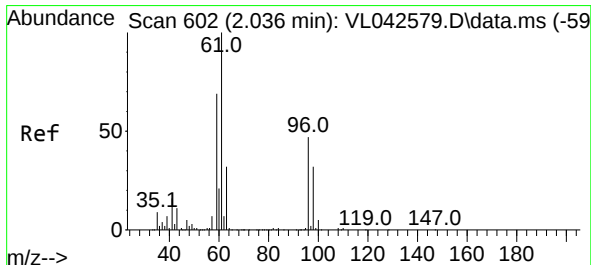
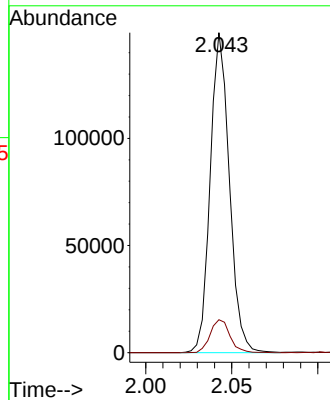
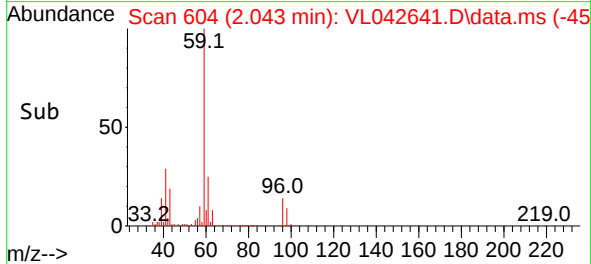
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



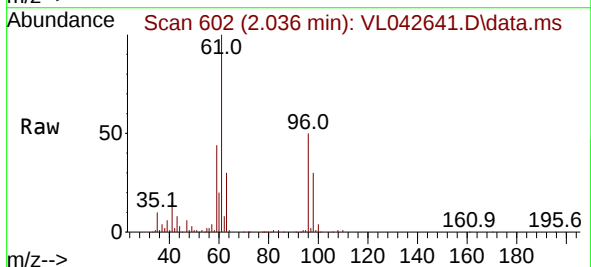
Tgt Ion: 59 Resp: 115629
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

Manual Integrations
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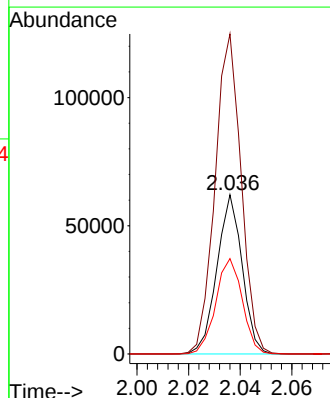
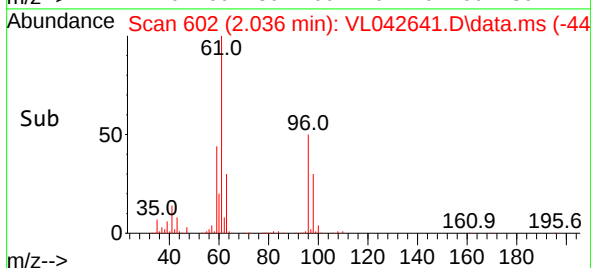
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

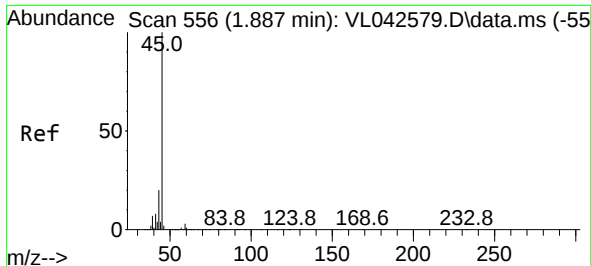


#18
1,1-Dichloroethene
Concen: 9.803 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



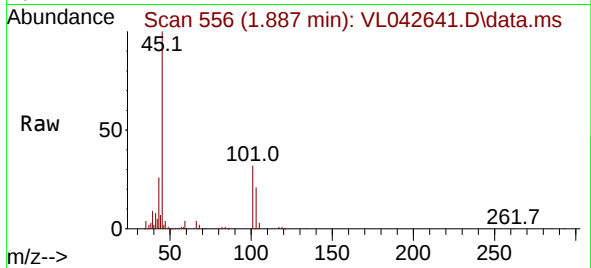
Tgt Ion: 96 Resp: 42135
Ion Ratio Lower Upper
96 100
61 200.9 171.1 256.7
98 59.9 54.4 81.6





#19
Isopropyl Alcohol
Concen: 8.818 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

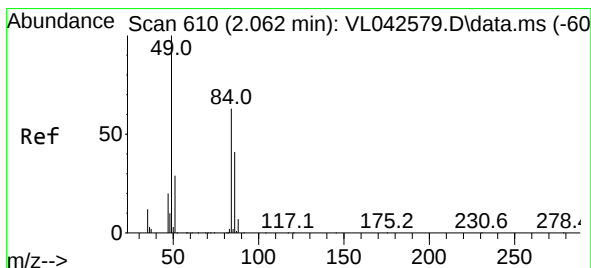
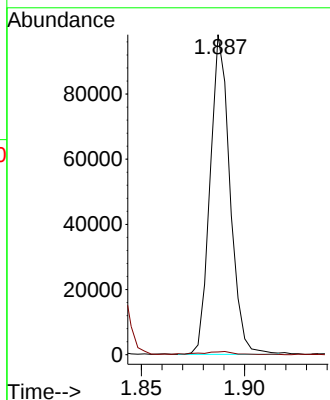
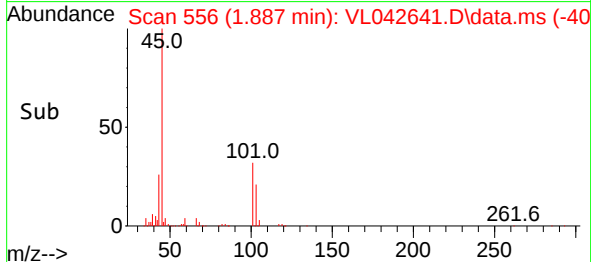
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



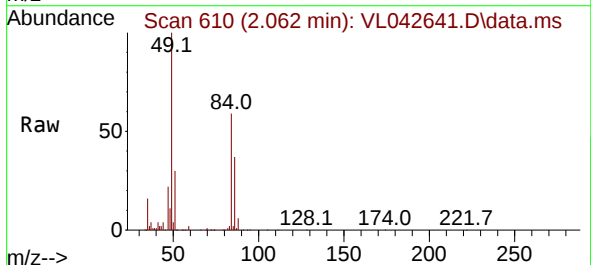
Tgt Ion: 45 Resp: 6556
Ion Ratio Lower Upper
45 100
58 41.0 29.4 44.2

Manual Integrations
APPROVED

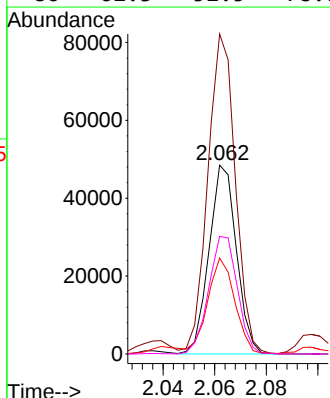
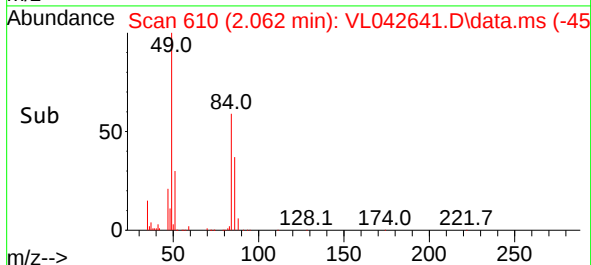
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

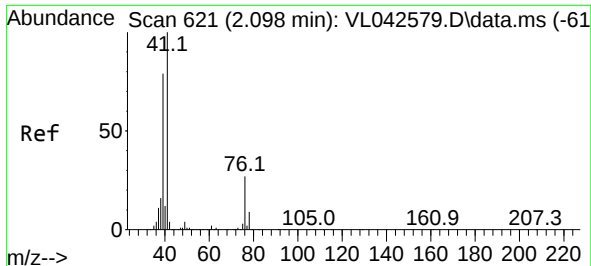


#20
Methylene Chloride
Concen: 8.712 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



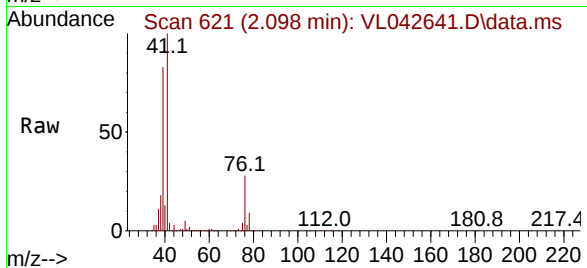
Tgt Ion: 84 Resp: 35759
Ion Ratio Lower Upper
84 100
49 169.2 128.8 193.2
51 50.7 38.6 57.8
86 62.3 52.5 78.7





#21
 Allyl Chloride
 Concen: 9.323 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

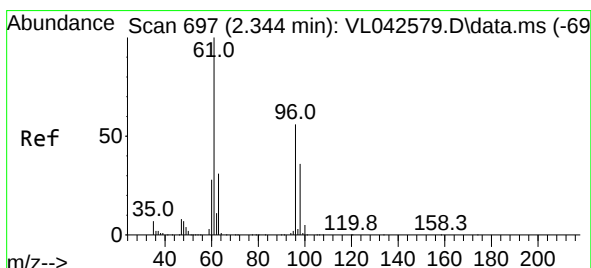
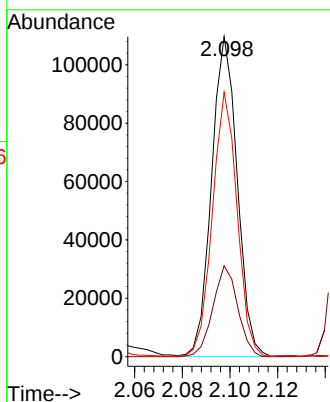
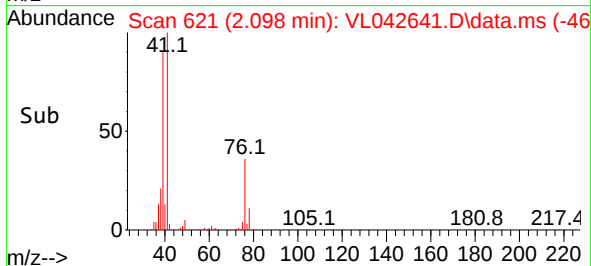
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



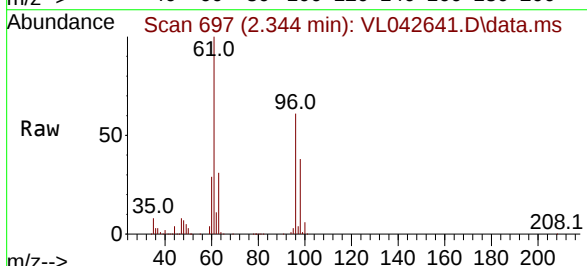
Tgt Ion: 41 Resp: 8182
 Ion Ratio Lower Upper
 41 100
 76 27.5 21.2 31.8
 39 79.4 60.9 91.3

Manual Integrations
 APPROVED

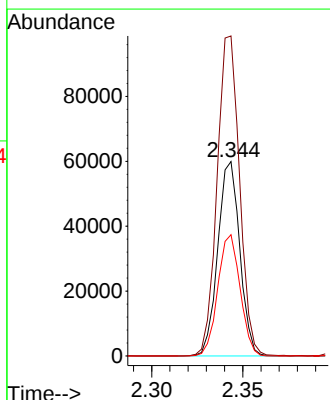
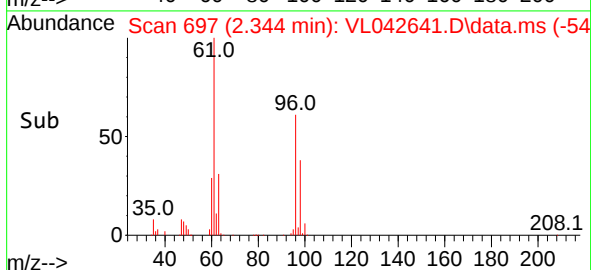
Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

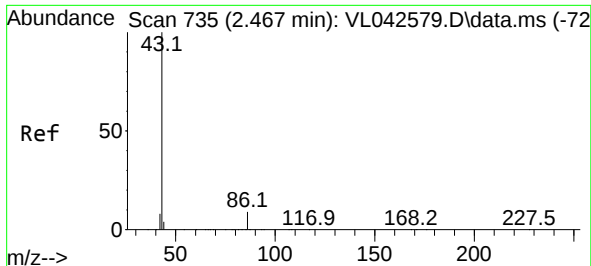


#22
 trans-1,2-Dichloroethene
 Concen: 10.458 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38



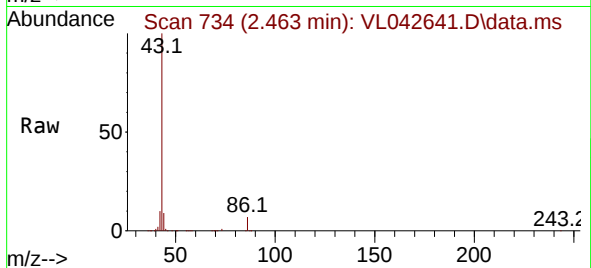
Tgt Ion: 96 Resp: 50206
 Ion Ratio Lower Upper
 96 100
 61 164.6 142.6 214.0
 98 62.4 51.0 76.4





#23
 Vinyl Acetate
 Concen: 12.433 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

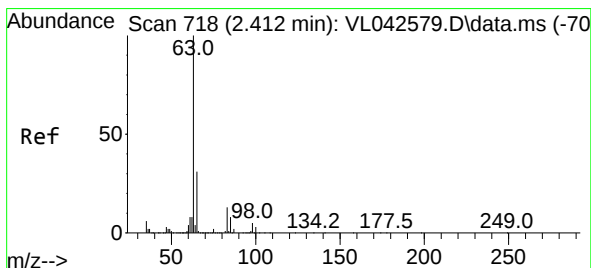
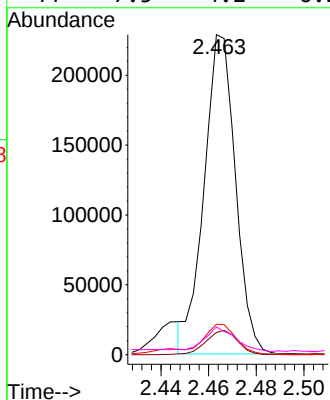
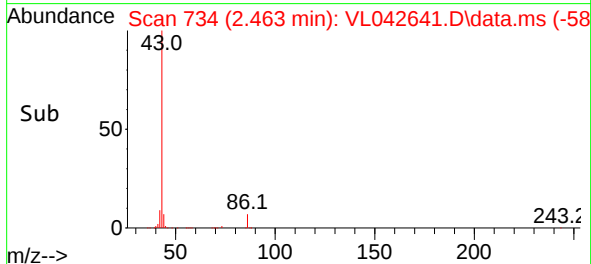
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 20905
 Ion Ratio Lower Upper
 43 100
 86 6.9 6.6 9.8
 42 9.3 7.0 10.4
 44 7.5 4.2 6.2#

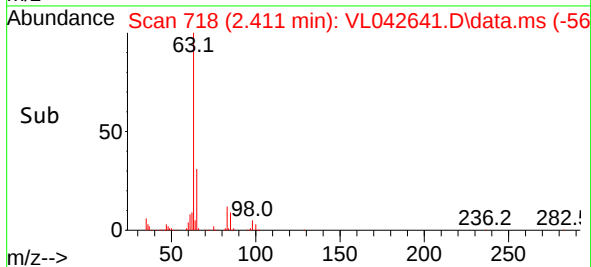
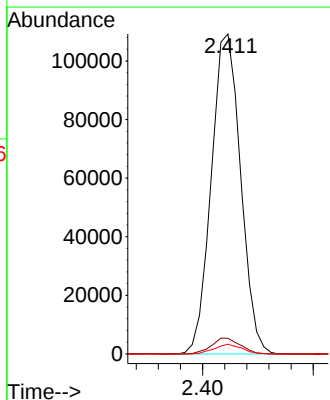
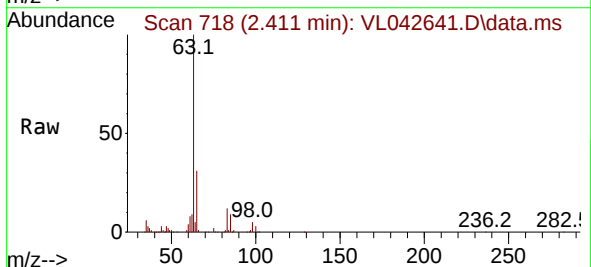
Manual Integrations
 APPROVED

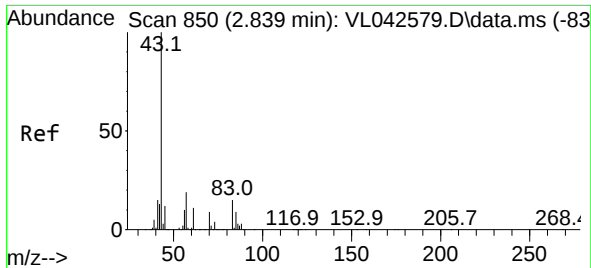
Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025



#24
 1,1-Dichloroethane
 Concen: 10.199 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

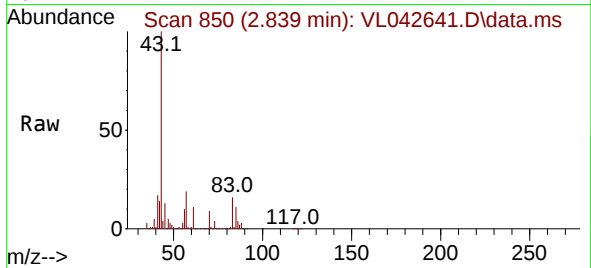
Tgt Ion: 63 Resp: 100744
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.4 7.1
 100 3.0 1.4 4.0





#25
Ethyl Acetate
Concen: 9.965 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

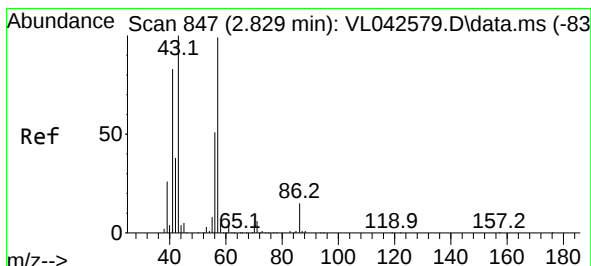
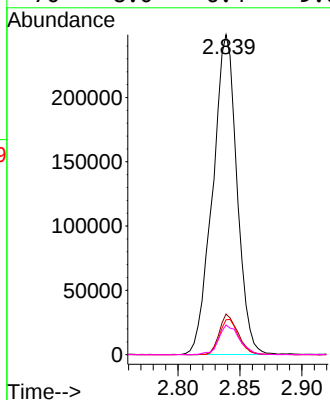
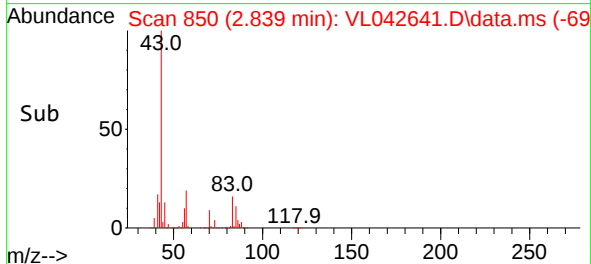
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.2	12.2
61	8.7	7.1	10.7
70	8.0	6.4	9.6

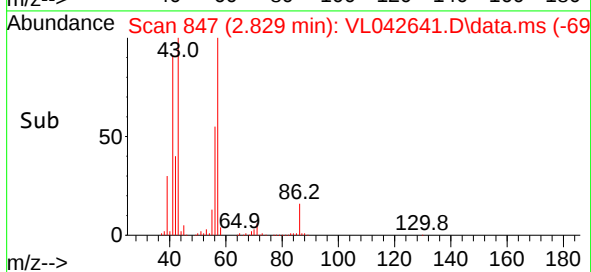
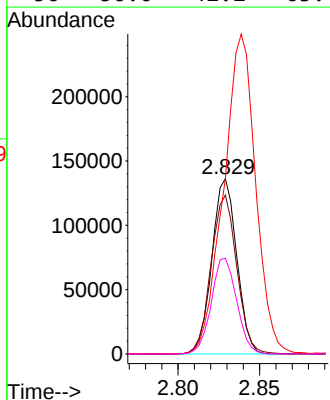
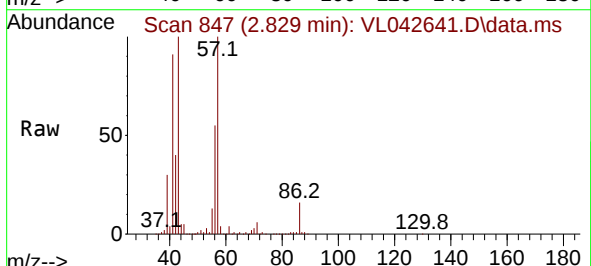
Manual Integrations
APPROVED

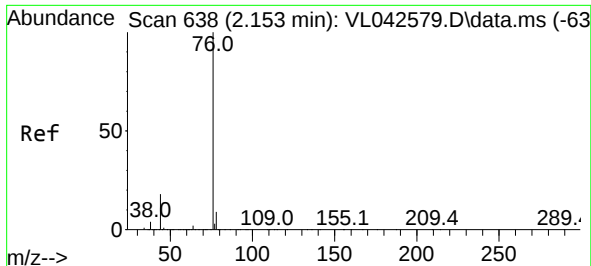
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#26
Hexane
Concen: 9.315 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

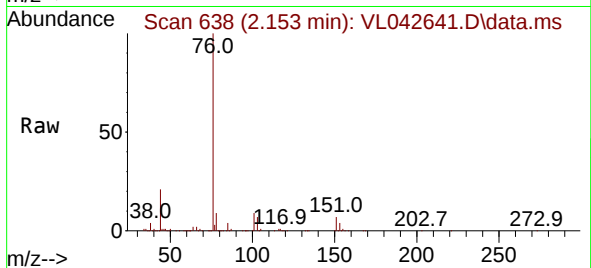
Tgt Ion	Ratio	Lower	Upper
57	100		
41	94.3	70.6	106.0
43	236.0	181.1	271.7
56	56.0	42.2	63.4





#27
Carbon Disulfide
Concen: 10.148 ppbv
RT: 2.153 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

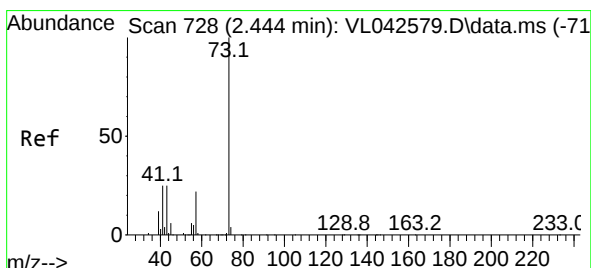
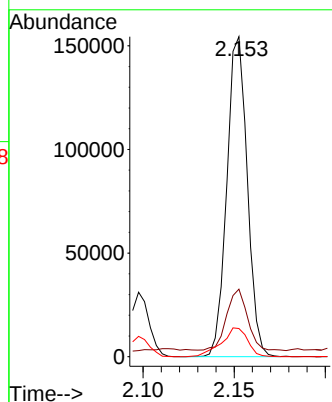
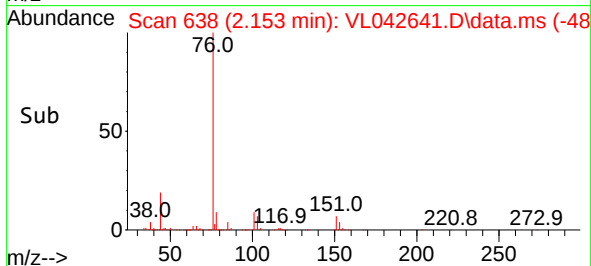
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 120502
Ion Ratio Lower Upper
76 100
44 22.0 21.3 31.9
78 11.5 9.4 14.0

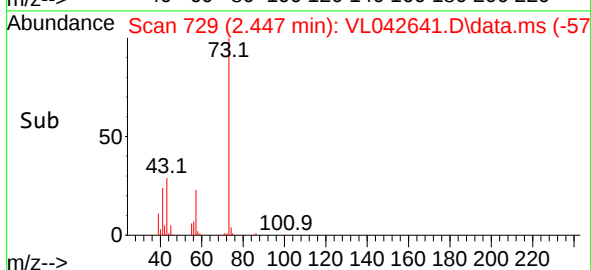
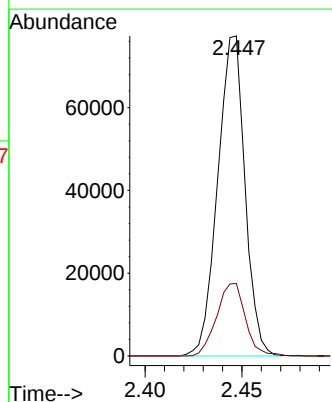
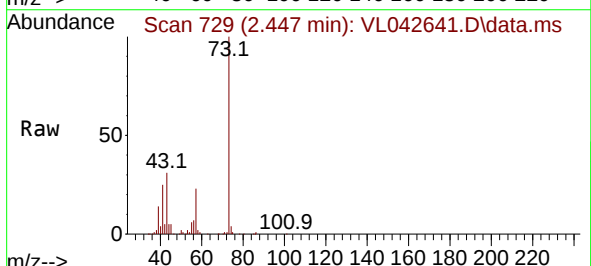
Manual Integrations
APPROVED

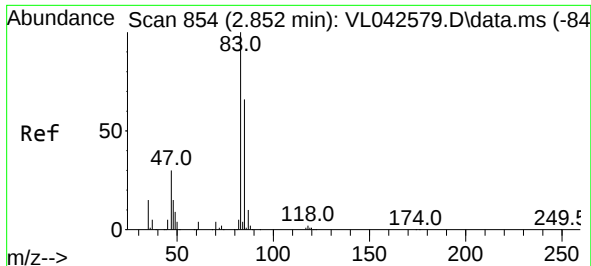
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#28
Methyl tert-Butyl Ether
Concen: 12.043 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.003 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

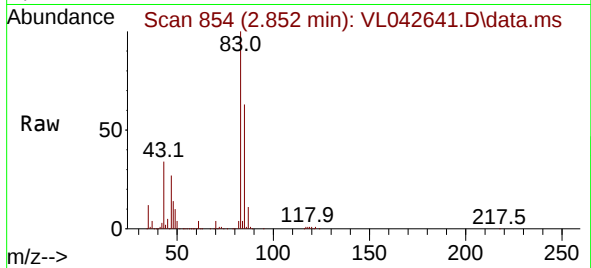
Tgt Ion: 73 Resp: 75589
Ion Ratio Lower Upper
73 100
57 24.0 19.9 29.9





#29
Chloroform
Concen: 11.062 ppbv
RT: 2.852 min Scan# 854
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

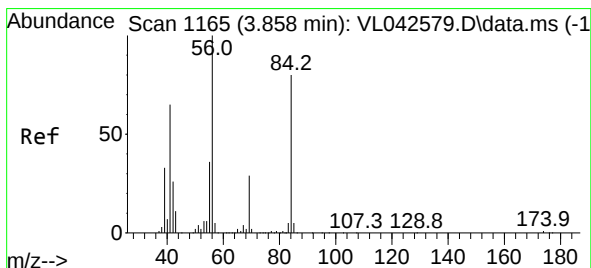
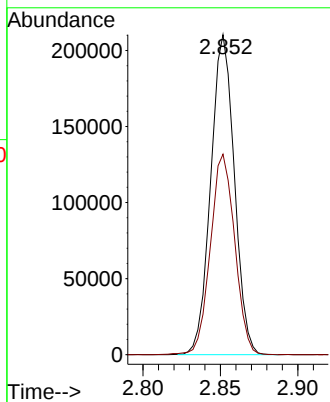
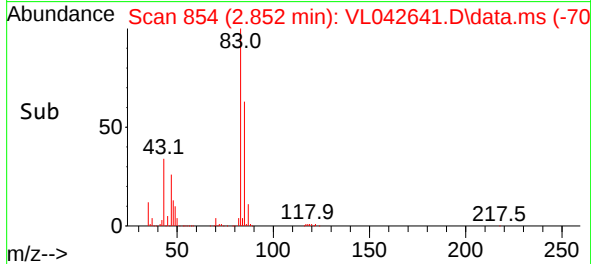
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



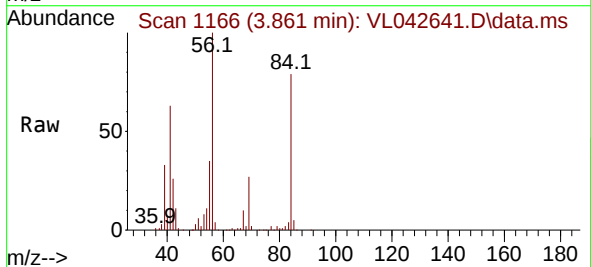
Tgt Ion: 83 Resp: 222497
Ion Ratio Lower Upper
83 100
85 62.7 52.8 79.2

Manual Integrations
APPROVED

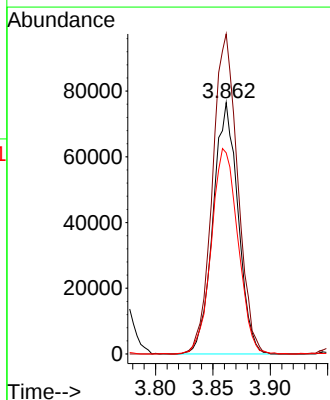
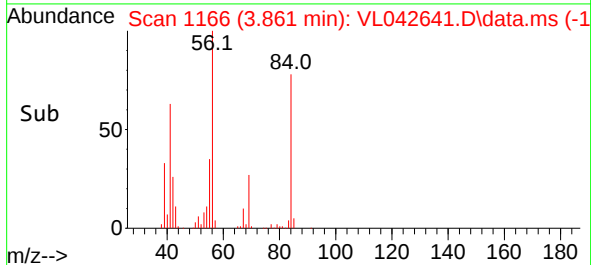
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

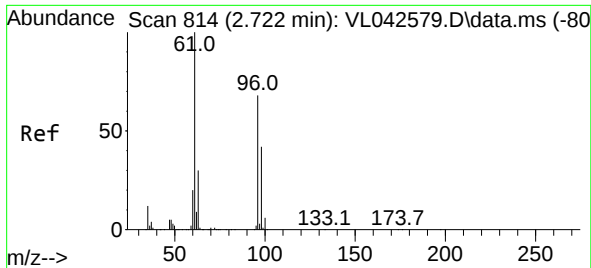


#30
Cyclohexane
Concen: 9.002 ppbv
RT: 3.861 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



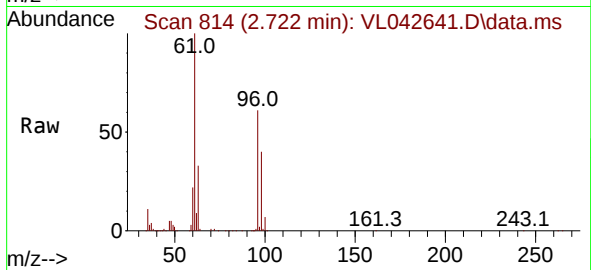
Tgt Ion: 84 Resp: 115428
Ion Ratio Lower Upper
84 100
56 128.9 103.7 155.5
41 87.3 65.1 97.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.778 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

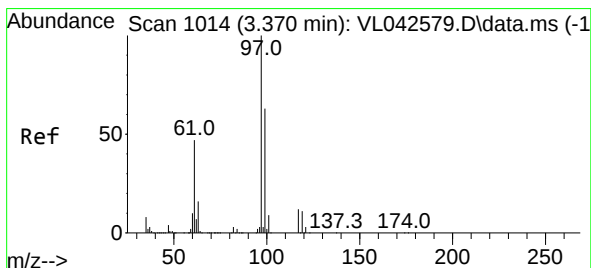
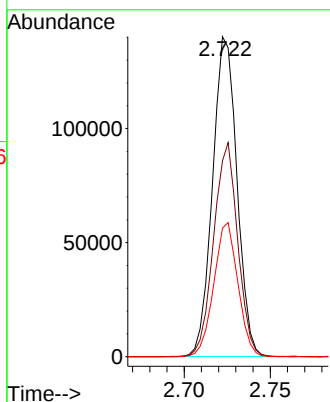
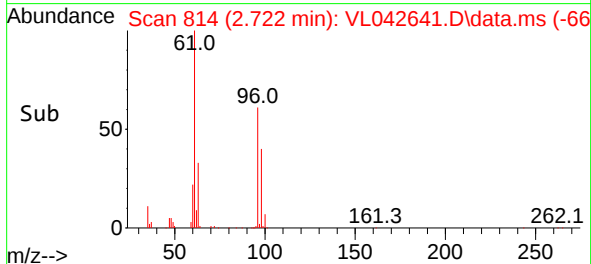
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



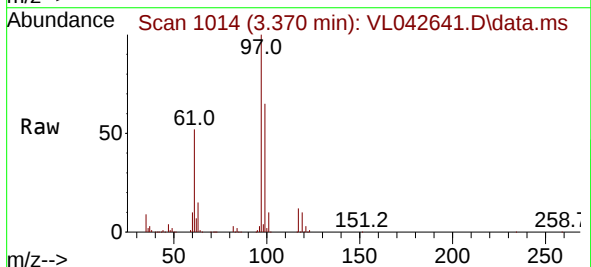
Tgt Ion: 61 Resp: 13834
 Ion Ratio Lower Upper
 61 100
 96 61.2 54.5 81.7
 98 40.2 33.4 50.2

Manual Integrations
 APPROVED

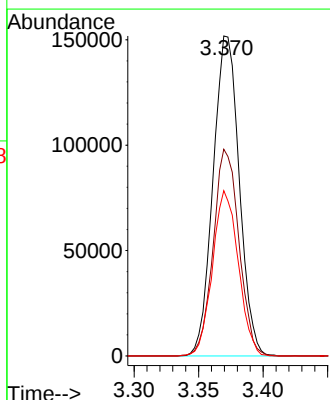
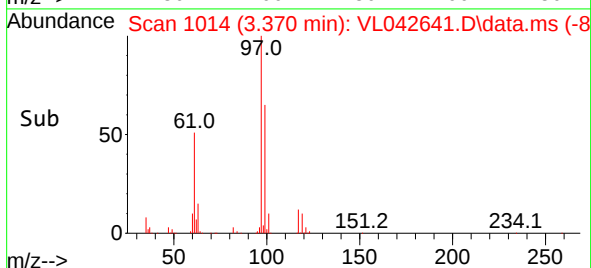
Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025



#32
 1,1,1-Trichloroethane
 Concen: 10.425 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38



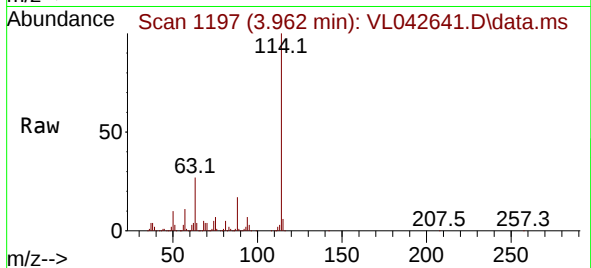
Tgt Ion: 97 Resp: 214232
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.0 76.6
 61 51.0 39.4 59.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

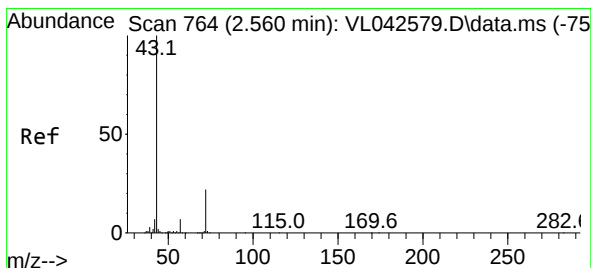
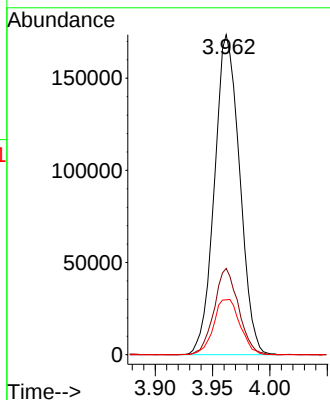
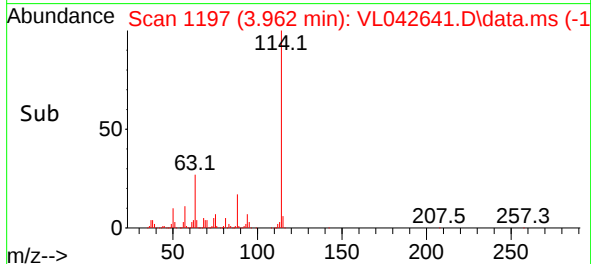
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



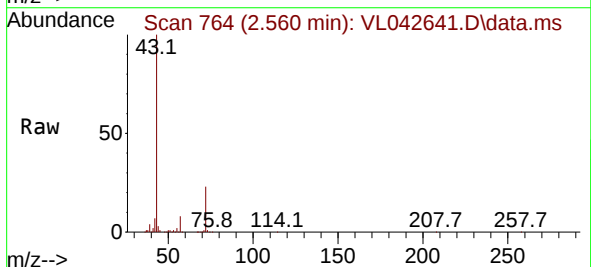
Tgt Ion:114 Resp: 26488
Ion Ratio Lower Upper
114 100
63 26.1 19.0 28.6
88 18.1 13.6 20.4

Manual Integrations
APPROVED

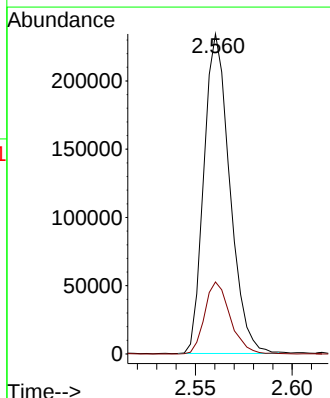
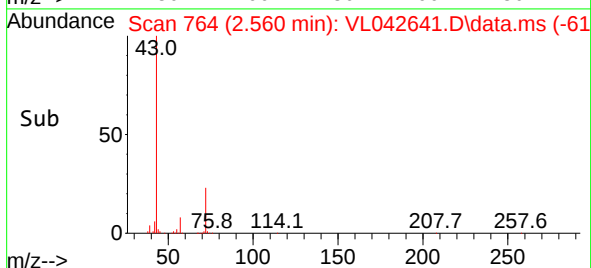
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

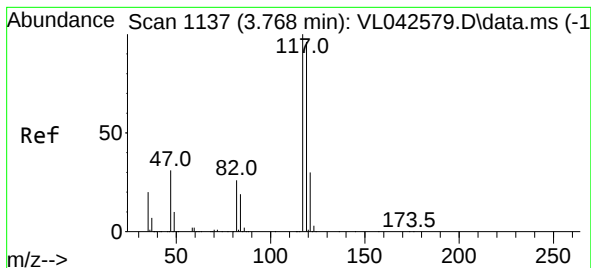


#34
2-Butanone
Concen: 11.530 ppbv
RT: 2.560 min Scan# 764
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



Tgt Ion: 43 Resp: 217806
Ion Ratio Lower Upper
43 100
72 22.2 17.7 26.5





#35

Carbon Tetrachloride

Concen: 12.478 ppbv

RT: 3.768 min Scan# 1137

Delta R.T. -0.000 min

Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 21818

Ion Ratio Lower Upper

117 100

119 93.9 76.8 115.2

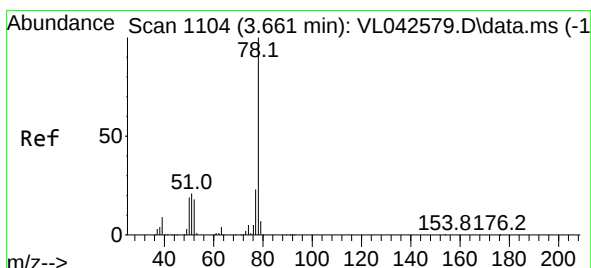
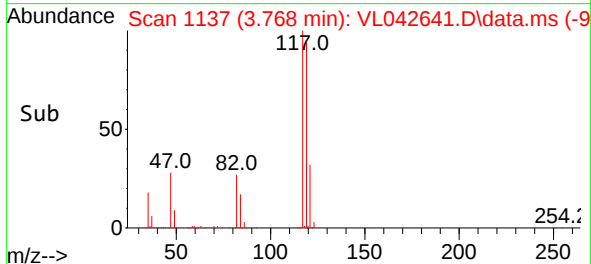
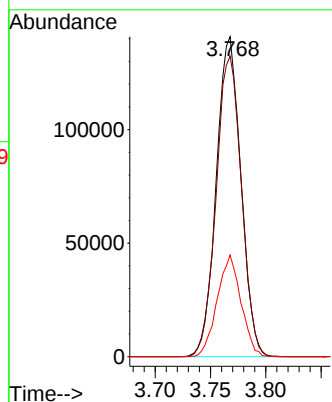
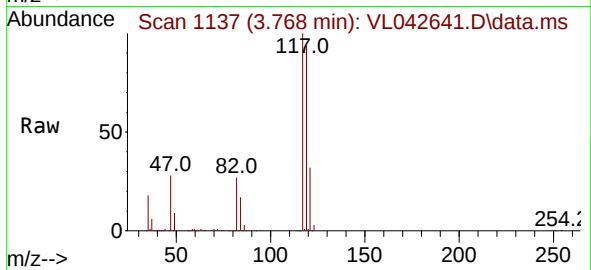
121 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025

Supervised By :Mahesh Dadoda 06/18/2025



#36

Benzene

Concen: 11.000 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

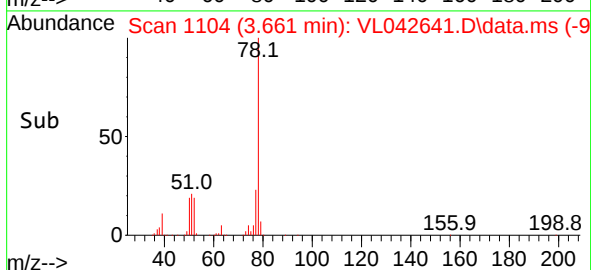
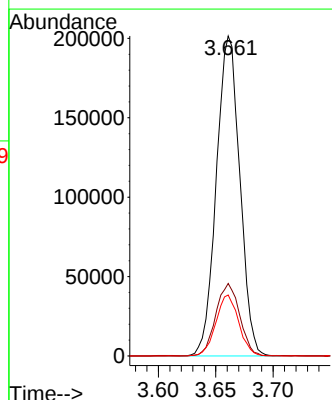
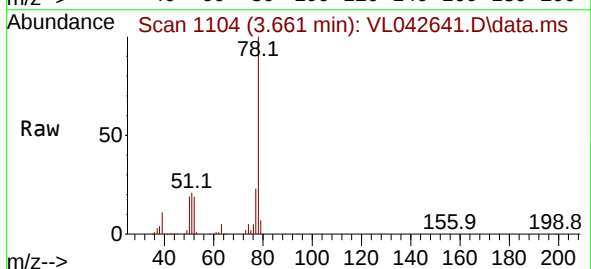
Tgt Ion: 78 Resp: 286924

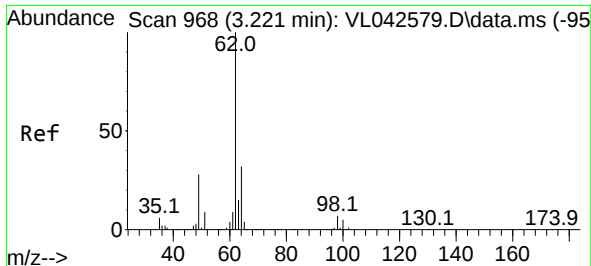
Ion Ratio Lower Upper

78 100

77 22.6 18.2 27.2

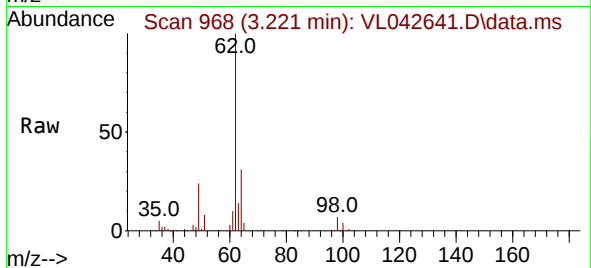
50 19.0 15.2 22.8





#37
1,2-Dichloroethane
Concen: 12.785 ppbv
RT: 3.221 min Scan# 968
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

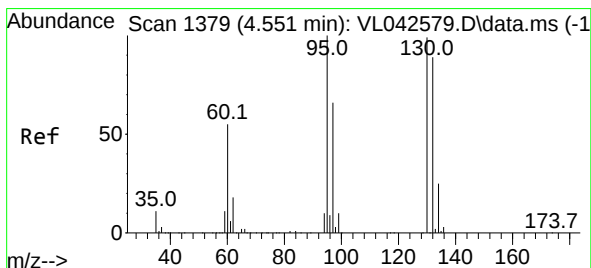
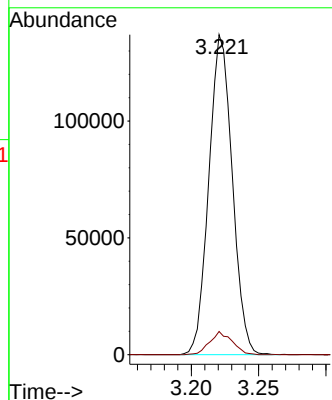
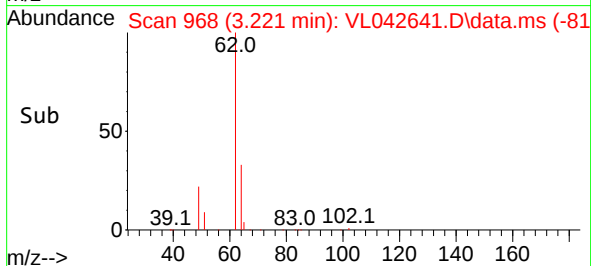
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 165730
Ion Ratio Lower Upper
62 100
98 6.9 6.1 9.1

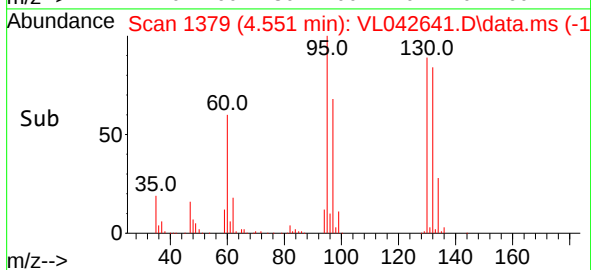
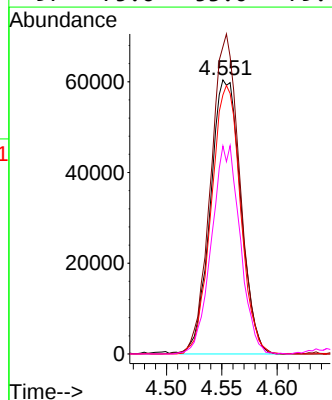
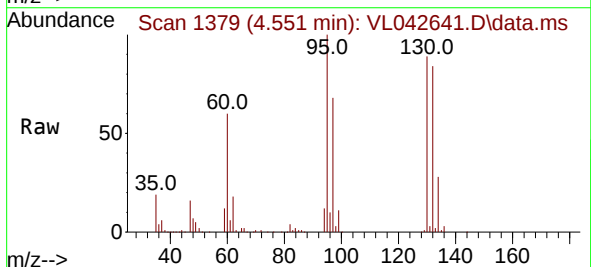
Manual Integrations
APPROVED

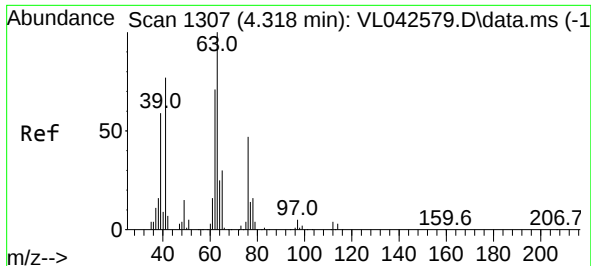
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#38
Trichloroethene
Concen: 10.423 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Tgt Ion:130 Resp: 115559
Ion Ratio Lower Upper
130 100
95 111.9 80.6 121.0
132 94.4 71.8 107.6
97 75.6 53.0 79.4





#39

1,2-Dichloropropane

Concen: 10.984 ppbv

RT: 4.315 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

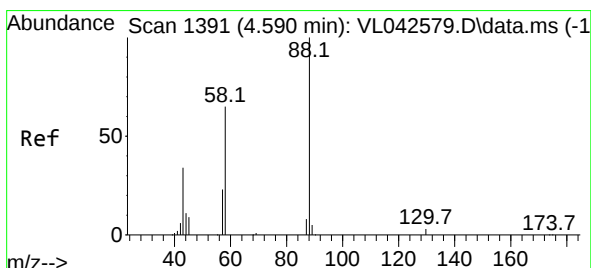
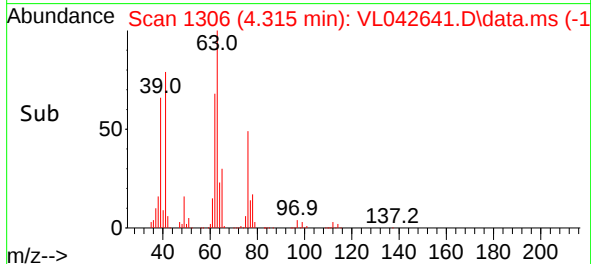
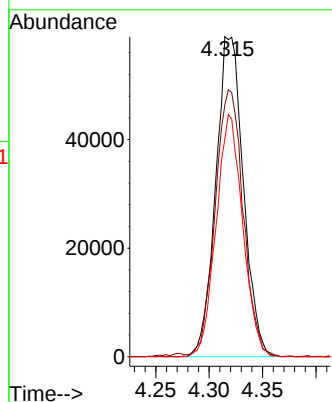
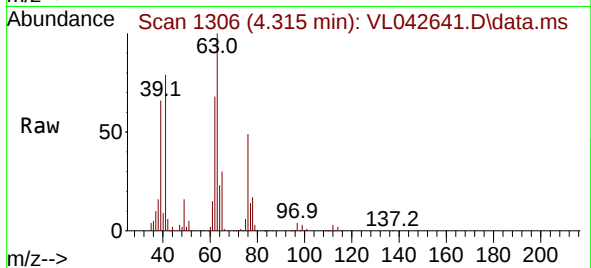
Tgt Ion: 63 Resp: 105952

Ion	Ratio	Lower	Upper
63	100		
41	78.5	61.8	92.6
62	68.0	56.6	85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#40

1,4-Dioxane

Concen: 10.326 ppbv

RT: 4.587 min Scan# 1390

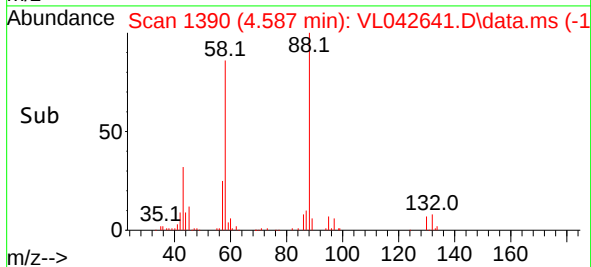
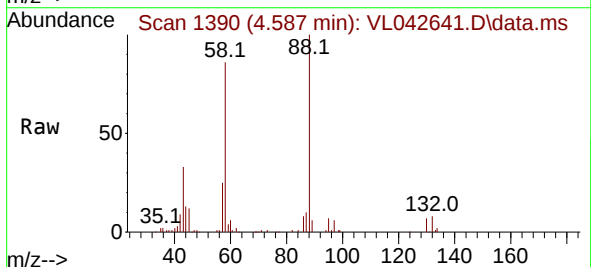
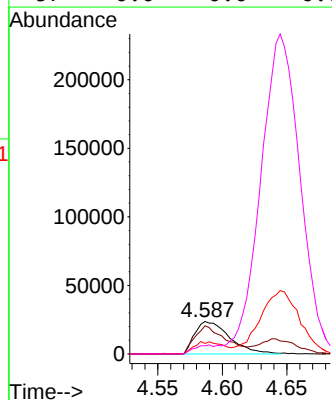
Delta R.T. -0.003 min

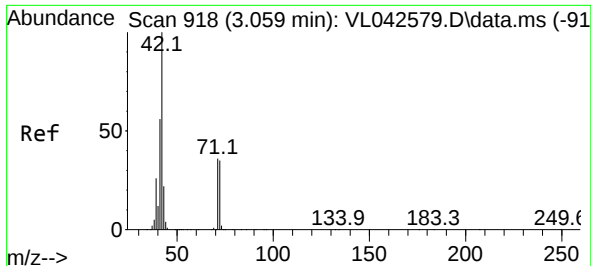
Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

Tgt Ion: 88 Resp: 44569

Ion	Ratio	Lower	Upper
88	100		
58	73.9	55.8	83.8
43	31.9	24.8	37.2
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.701 ppbv

RT: 3.059 min Scan# 918

Delta R.T. -0.000 min

Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 11832

Ion Ratio Lower Upper

42 100

72 35.0 28.9 43.3

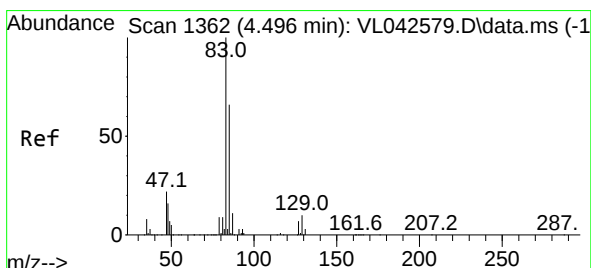
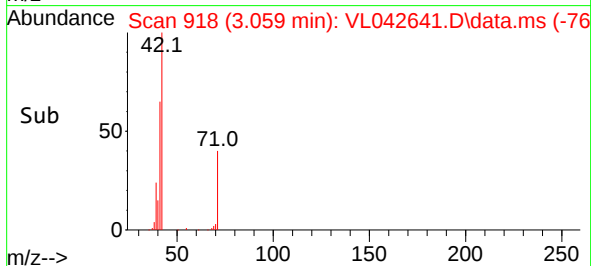
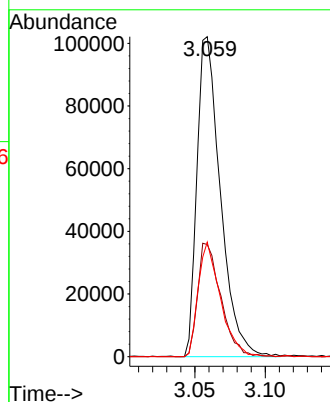
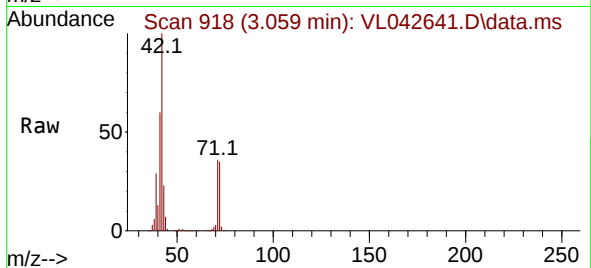
71 34.2 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025

Supervised By :Mahesh Dadoda 06/18/2025



#42

Bromodichloromethane

Concen: 12.740 ppbv

RT: 4.496 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

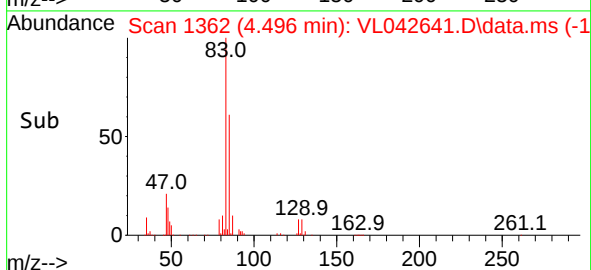
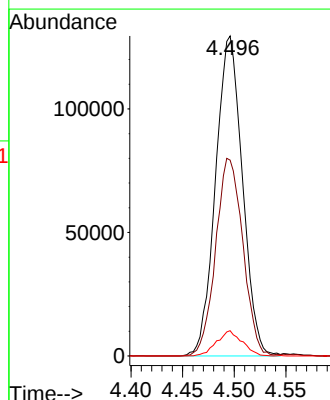
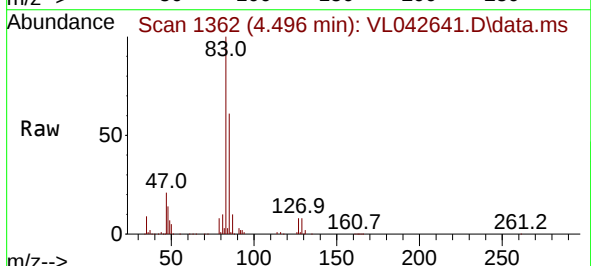
Tgt Ion: 83 Resp: 234576

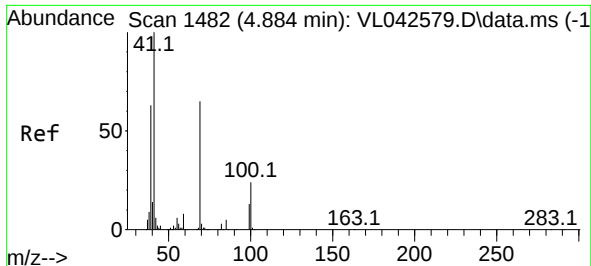
Ion Ratio Lower Upper

83 100

85 61.2 52.7 79.1

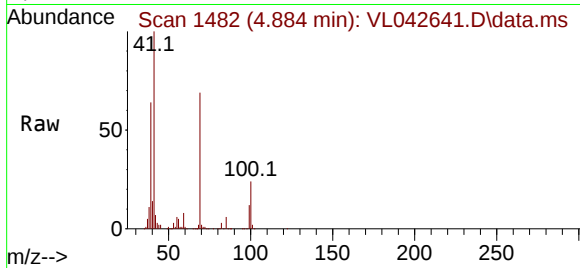
127 7.9 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.520 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

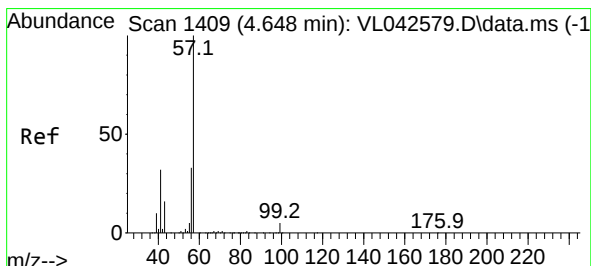
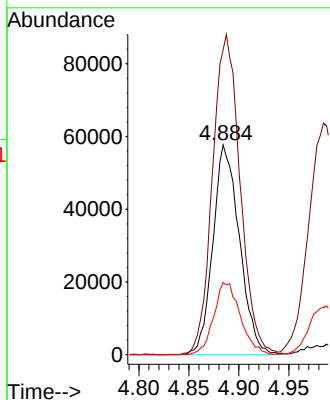
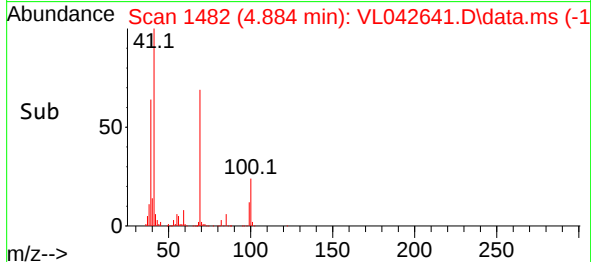
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



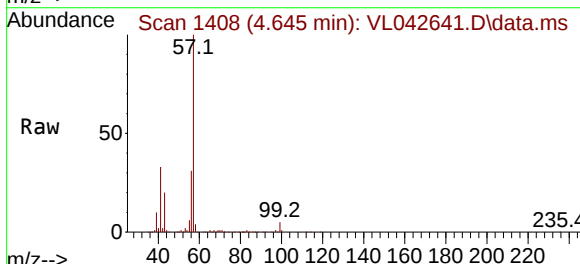
Tgt Ion: 69 Resp: 106502
Ion Ratio Lower Upper
69 100
41 158.9 124.6 187.0
100 34.6 29.9 44.9

Manual Integrations
APPROVED

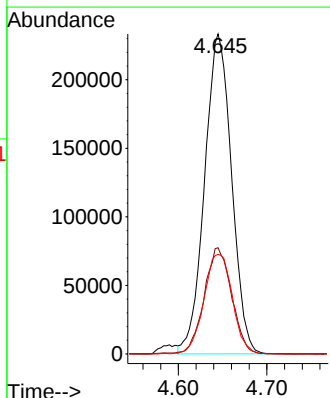
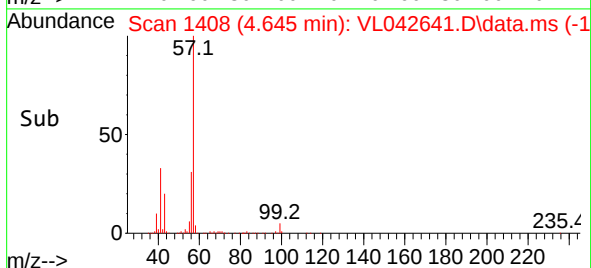
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

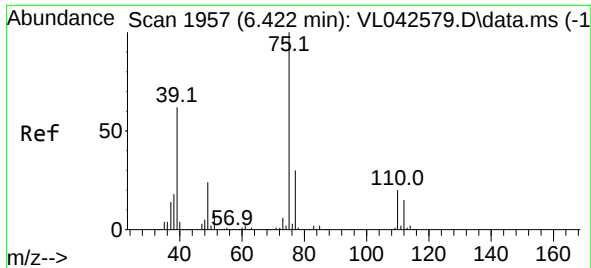


#44
2,2,4-Trimethylpentane
Concen: 11.084 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.003 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



Tgt Ion: 57 Resp: 494537
Ion Ratio Lower Upper
57 100
41 34.0 26.1 39.1
56 32.9 25.9 38.9





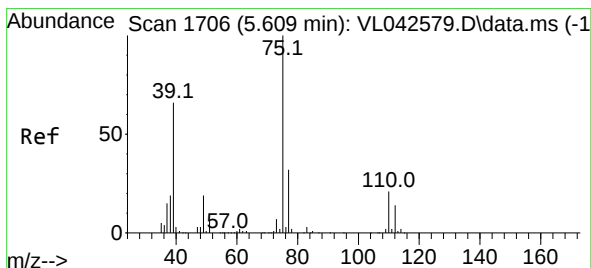
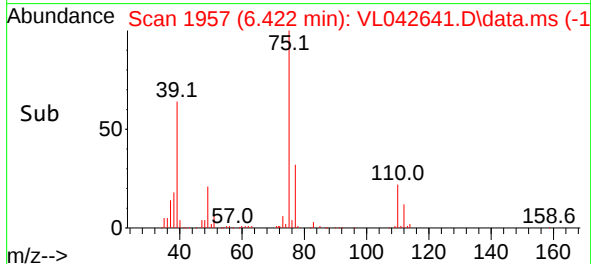
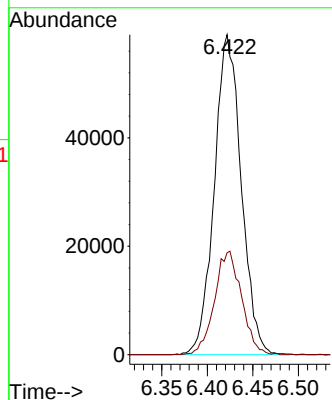
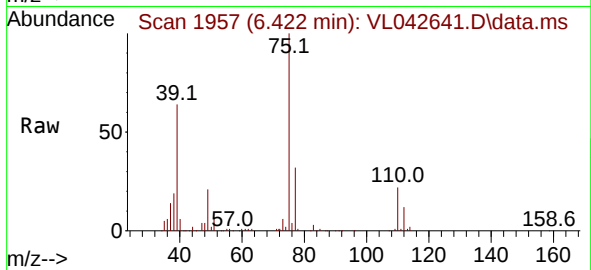
#45
 t-1,3-Dichloropropene
 Concen: 10.474 ppbv
 RT: 6.422 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 121340
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.2

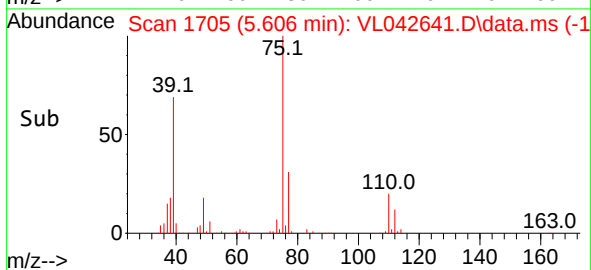
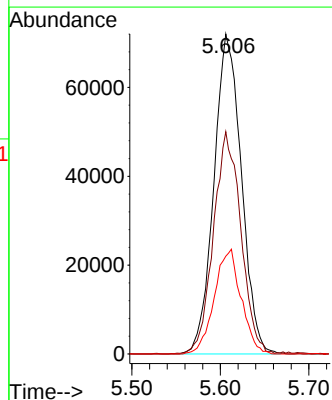
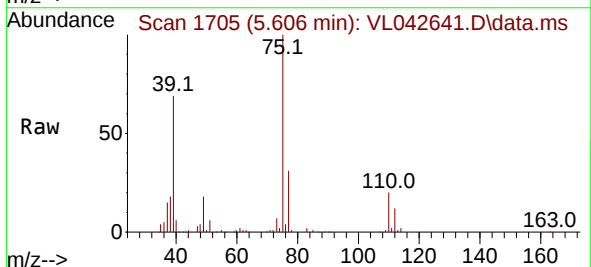
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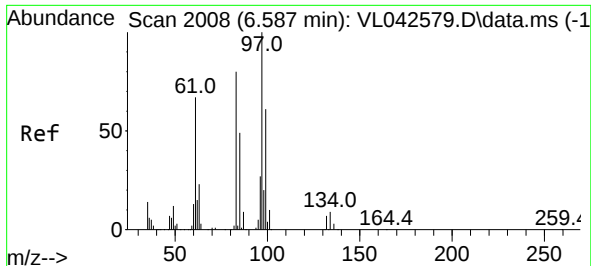
Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.720 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. -0.003 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

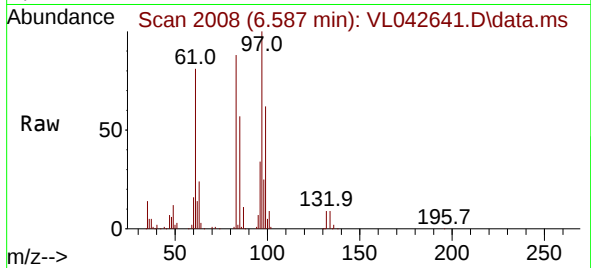
Tgt Ion: 75 Resp: 155615
 Ion Ratio Lower Upper
 75 100
 39 69.2 52.7 79.1
 77 30.6 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 11.151 ppbv
RT: 6.587 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

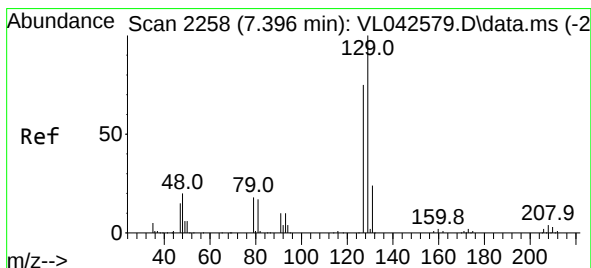
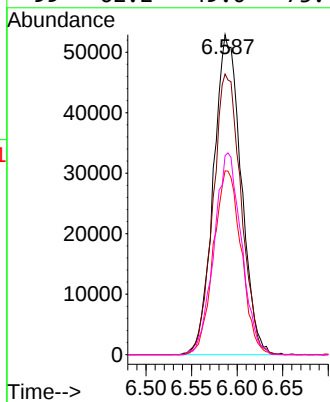
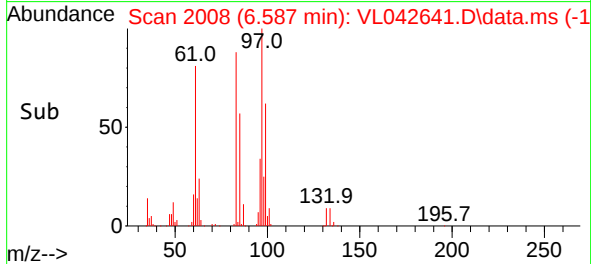
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 111348
Ion Ratio Lower Upper
97 100
83 87.7 63.9 95.9
85 57.5 39.2 58.8
99 62.2 49.0 73.4

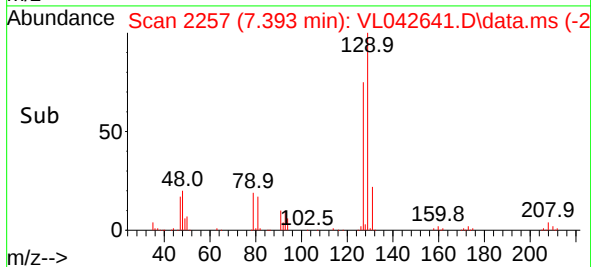
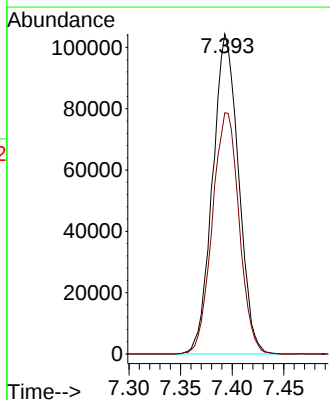
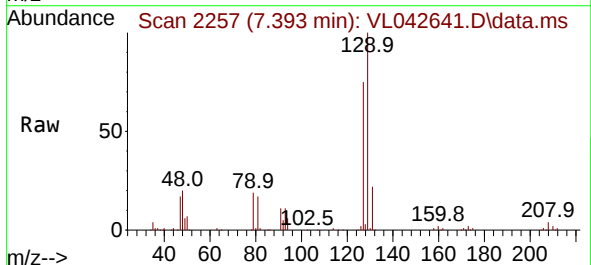
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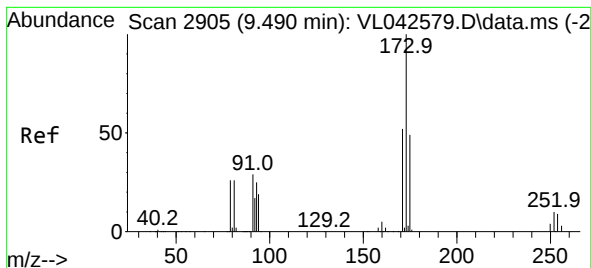
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#48
Dibromochloromethane
Concen: 11.424 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Tgt Ion:129 Resp: 182603
Ion Ratio Lower Upper
129 100
127 77.7 39.0 116.9





#49

Bromoform

Concen: 11.682 ppbv

RT: 9.490 min Scan# 2905

Delta R.T. -0.000 min

Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 16113

Ion Ratio Lower Upper

173 100

175 48.3 38.7 58.1

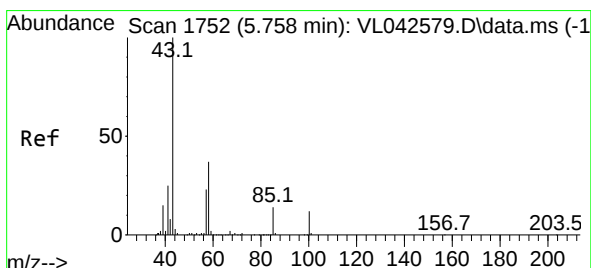
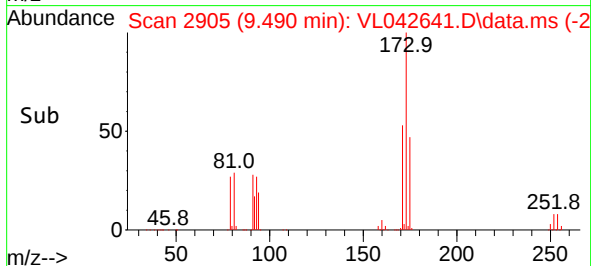
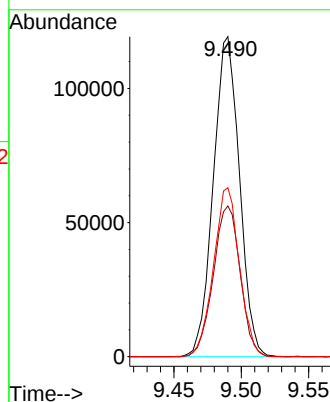
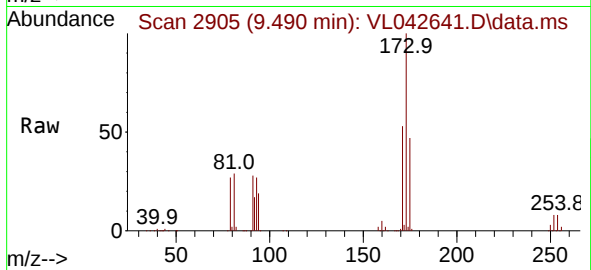
171 52.2 41.2 61.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/18/2025

Supervised By :Mahesh Dadoda 06/18/2025



#50

4-Methyl-2-Pentanone

Concen: 11.043 ppbv

RT: 5.758 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VL042641.D

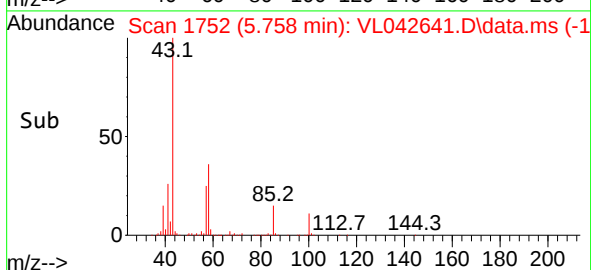
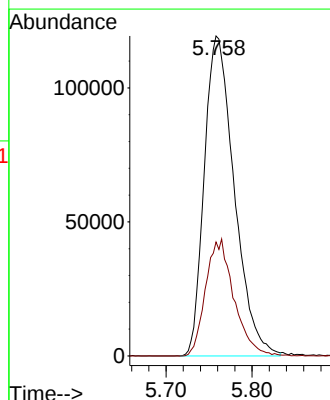
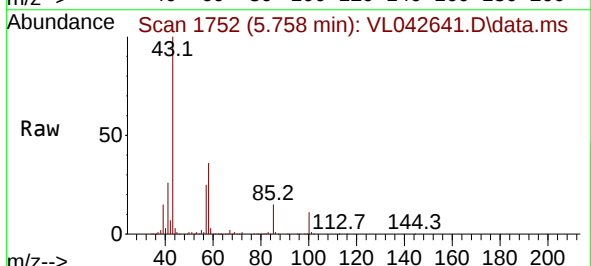
Acq: 17 Jun 2025 09:38

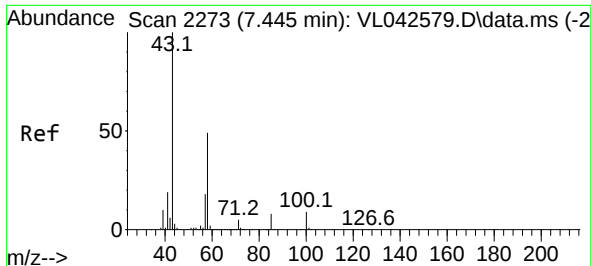
Tgt Ion: 43 Resp: 289344

Ion Ratio Lower Upper

43 100

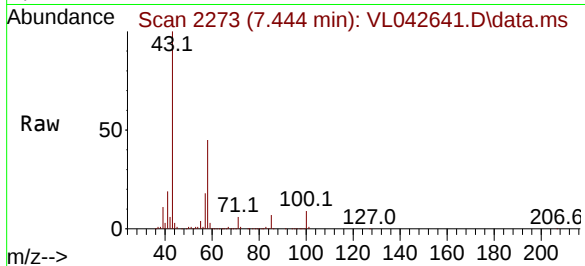
58 34.5 28.3 42.5





#51
2-Hexanone
Concen: 11.314 ppbv
RT: 7.444 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

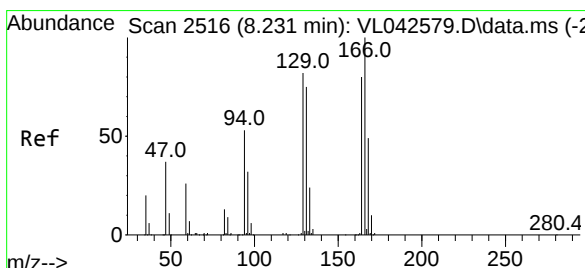
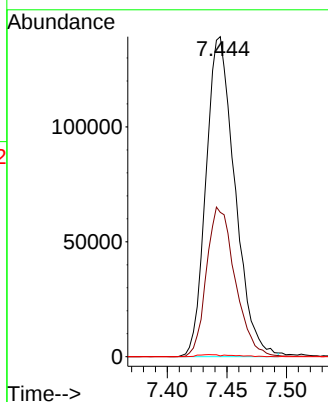
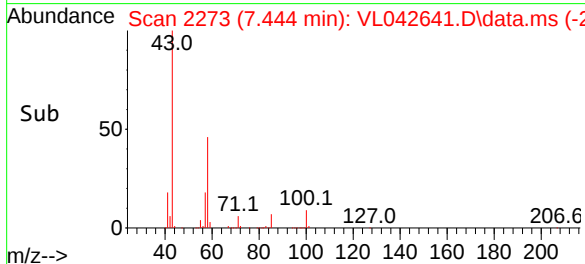
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 235098
Ion Ratio Lower Upper
43 100
58 46.5 39.9 59.9
98 0.8 0.1 0.1

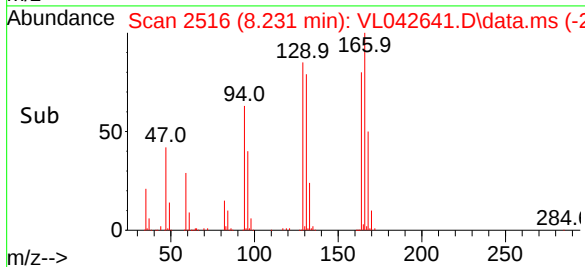
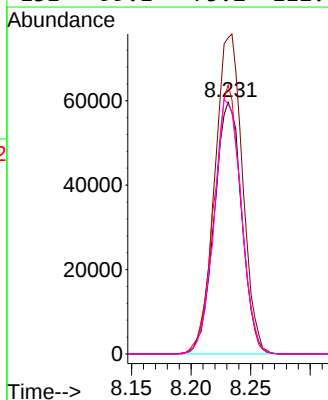
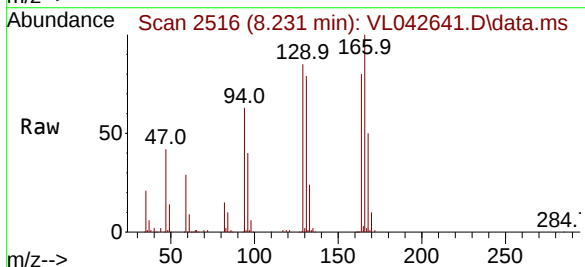
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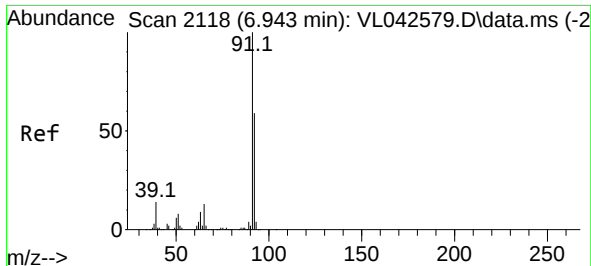
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#52
Tetrachloroethene
Concen: 9.779 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

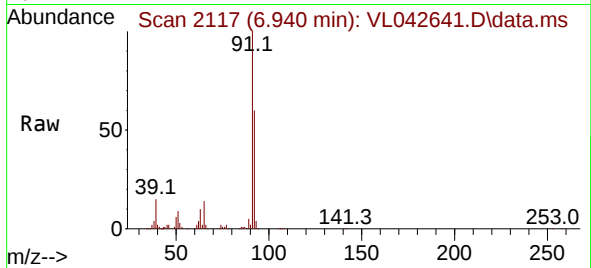
Tgt Ion:164 Resp: 95319
Ion Ratio Lower Upper
164 100
166 125.4 100.0 150.0
129 106.7 82.2 123.4
131 99.1 75.2 112.8





#53
Toluene
Concen: 10.345 ppbv
RT: 6.940 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

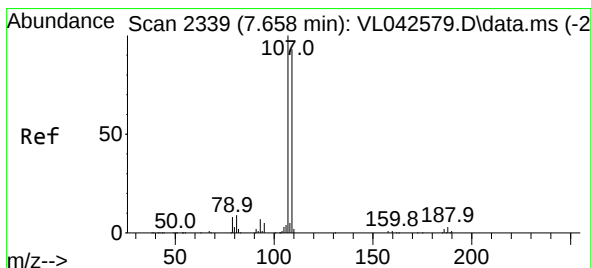
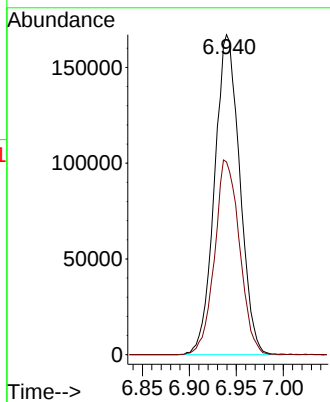
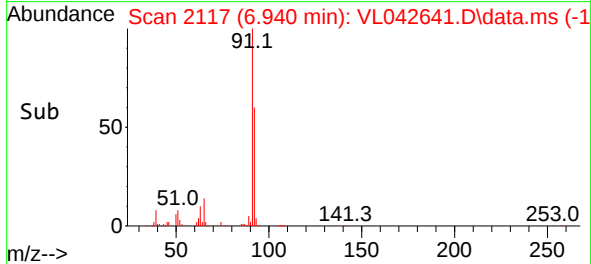
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



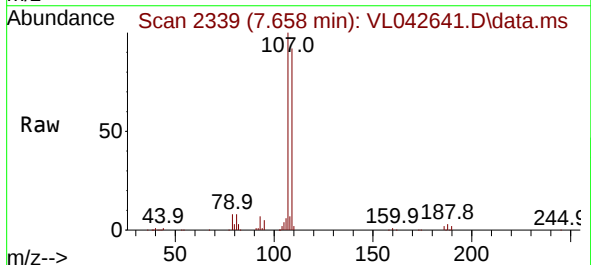
Tgt Ion: 91 Resp: 31186
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4

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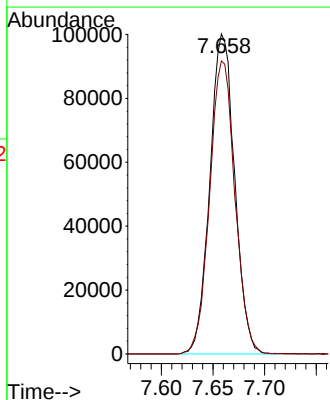
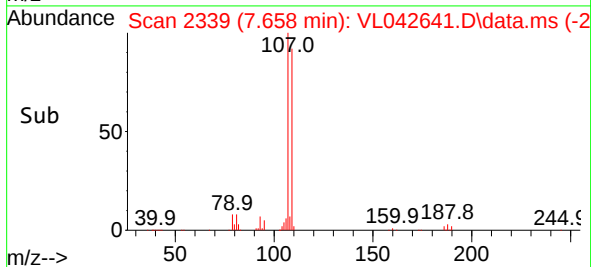
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

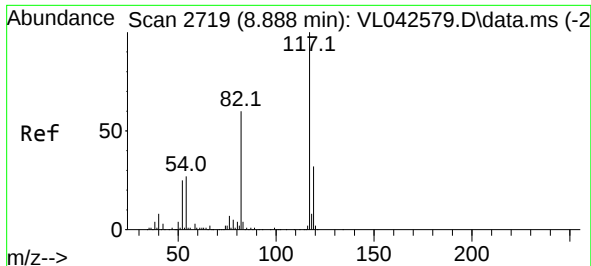


#54
1,2-Dibromoethane
Concen: 11.321 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



Tgt Ion:107 Resp: 167327
Ion Ratio Lower Upper
107 100
109 91.5 74.3 111.5





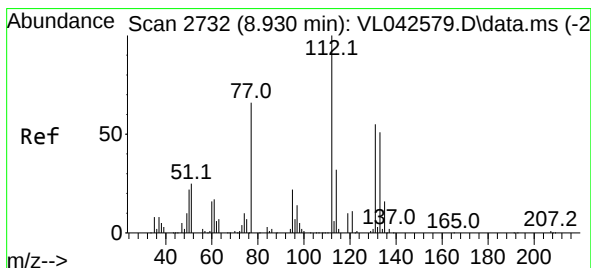
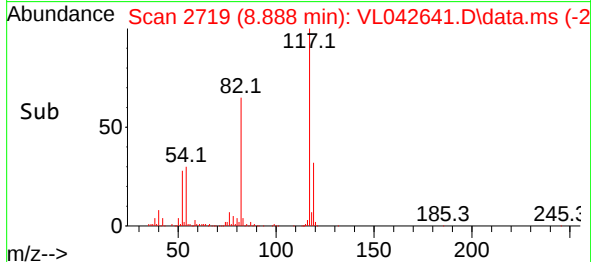
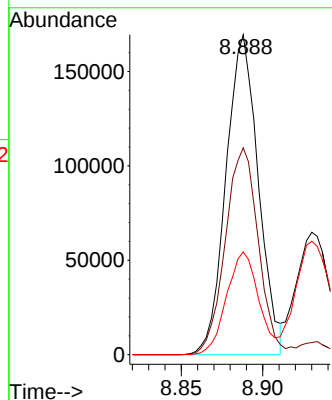
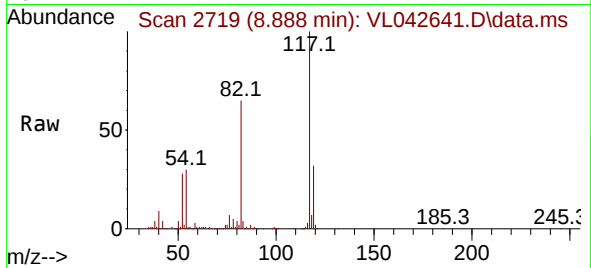
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 233670
Ion Ratio Lower Upper
117 100
82 69.8 51.2 76.8
119 32.6 26.3 39.5

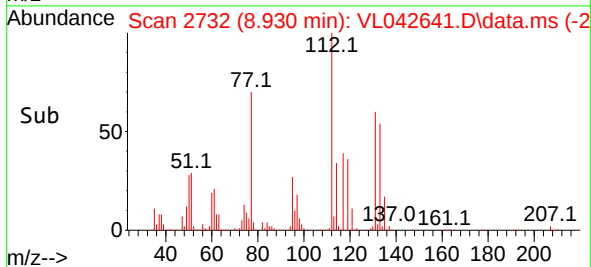
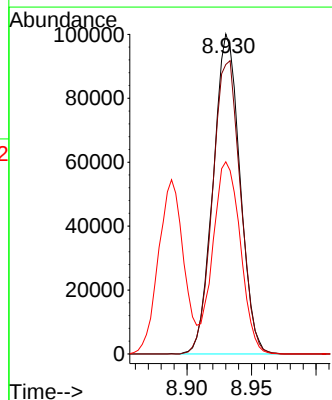
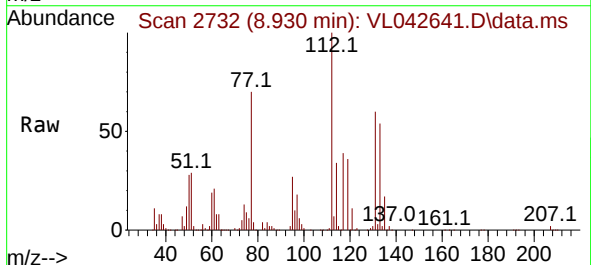
Manual Integrations
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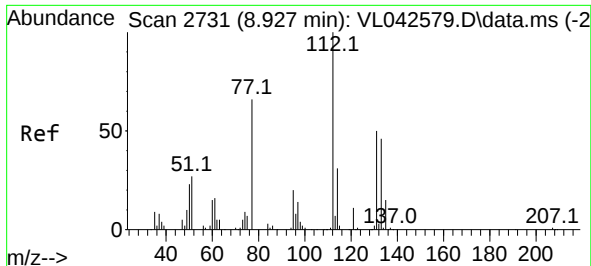
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 12.288 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Tgt Ion:131 Resp: 144376
Ion Ratio Lower Upper
131 100
133 95.3 75.0 112.6
119 62.0 50.8 76.2





#57

Chlorobenzene

Concen: 11.221 ppbv

RT: 8.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

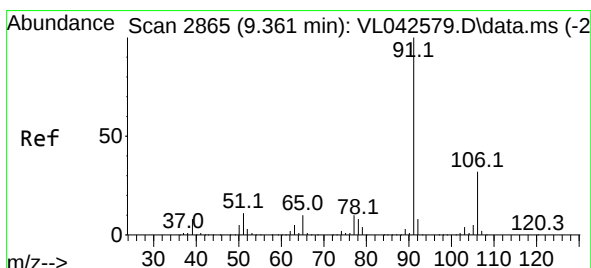
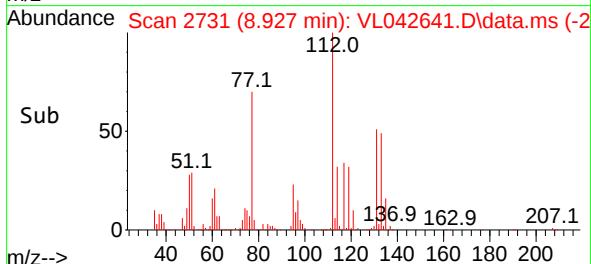
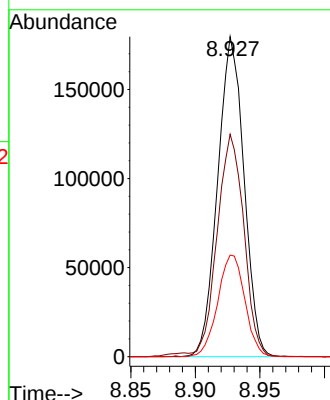
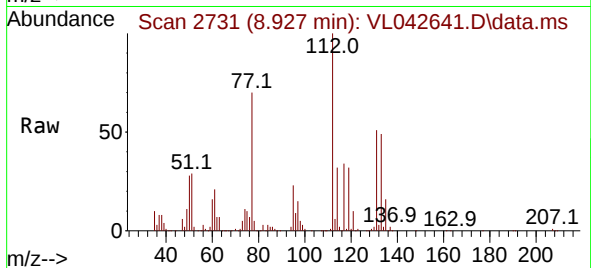
Tgt Ion: 112 Resp: 25458

Ion	Ratio	Lower	Upper
112	100		
77	69.4	53.5	80.3
114	31.7	27.8	34.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#58

Ethyl Benzene

Concen: 11.207 ppbv

RT: 9.361 min Scan# 2865

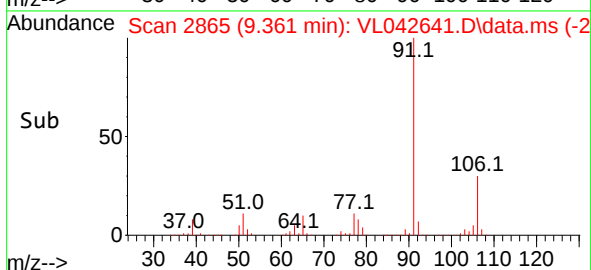
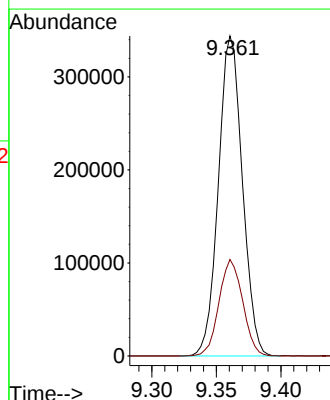
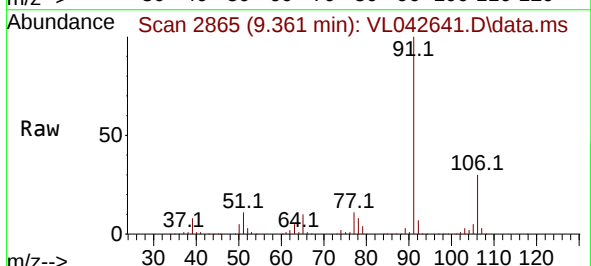
Delta R.T. -0.000 min

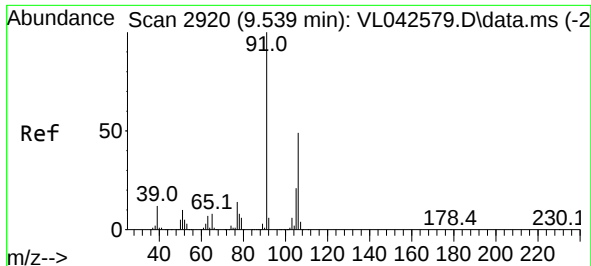
Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

Tgt Ion: 91 Resp: 444198

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.9	38.9





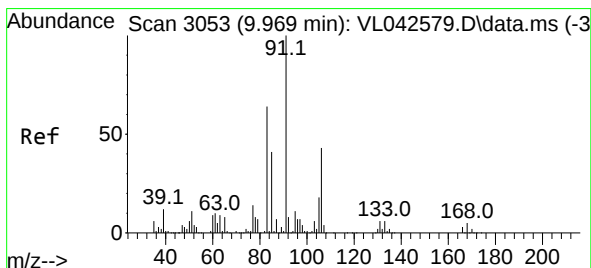
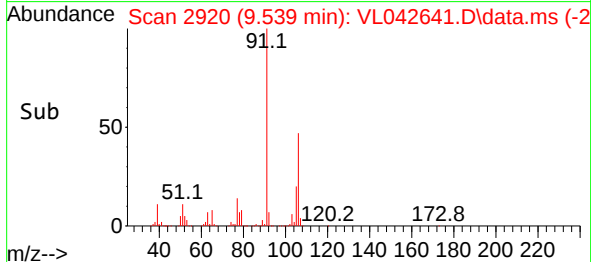
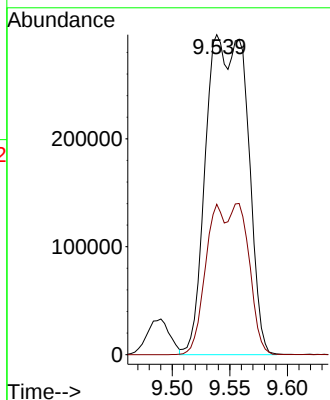
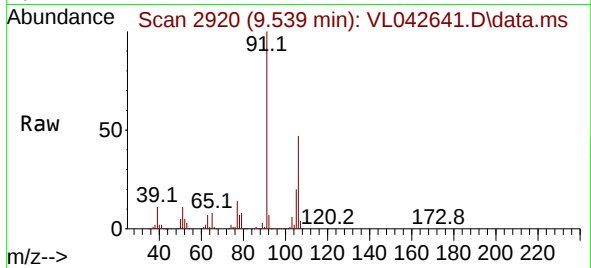
#59
m/p-Xylene
Concen: 23.822 ppbv m
RT: 9.539 min Scan# 2920
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 74306
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2

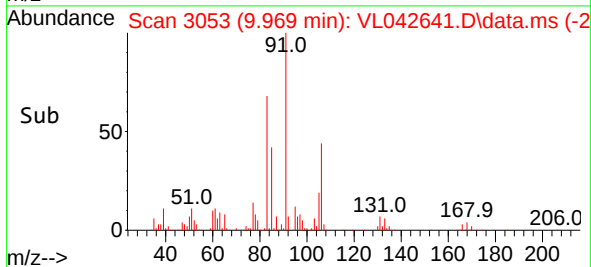
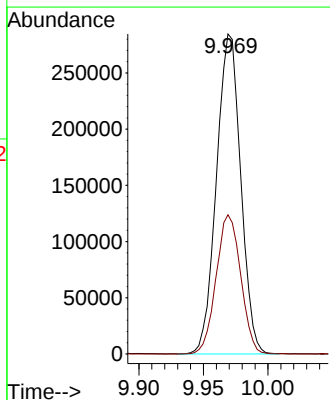
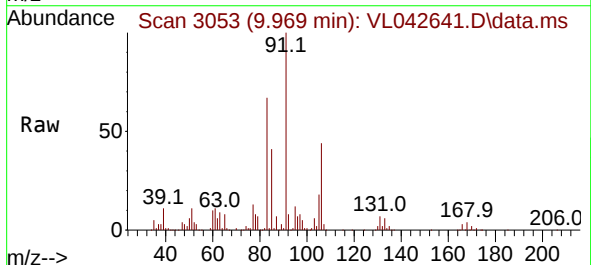
Manual Integrations
APPROVED

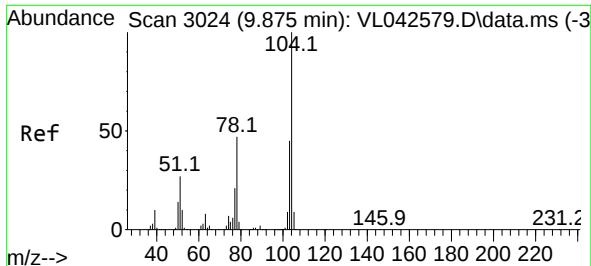
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#60
o-Xylene
Concen: 11.932 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

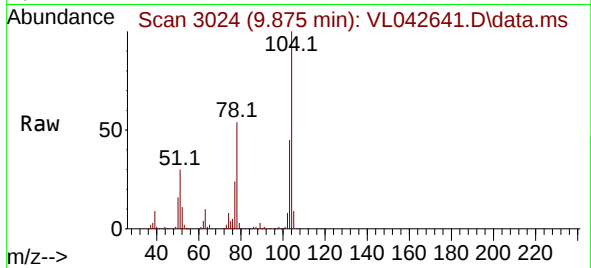
Tgt Ion: 91 Resp: 371186
Ion Ratio Lower Upper
91 100
106 44.0 22.9 68.5





#61
Styrene
Concen: 10.508 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

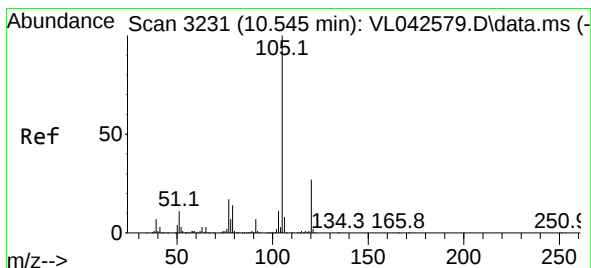
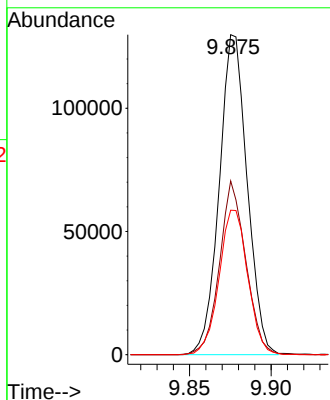
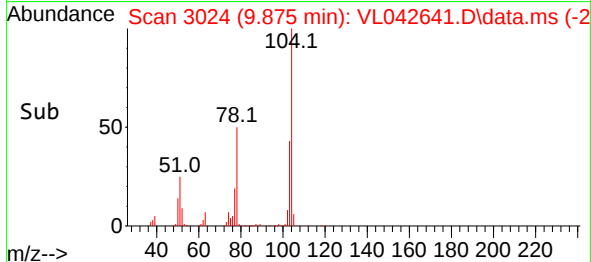
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



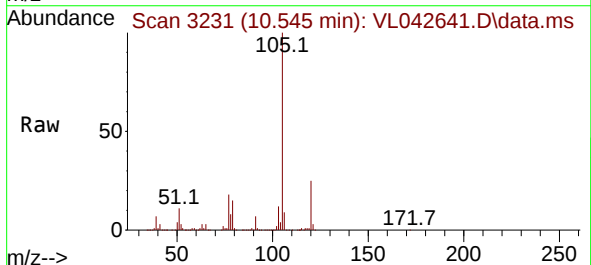
Tgt Ion:104 Resp: 154552
Ion Ratio Lower Upper
104 100
78 51.2 38.2 57.4
103 46.4 36.7 55.1

Manual Integrations
APPROVED

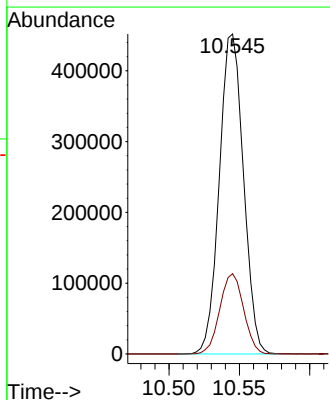
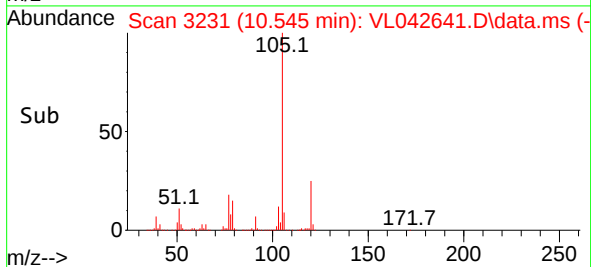
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

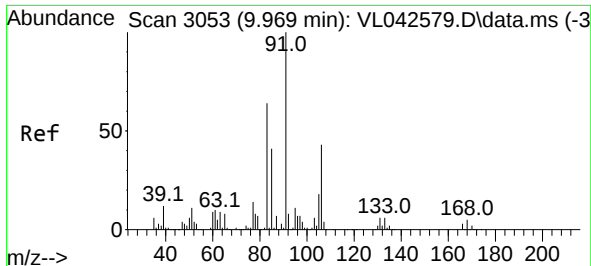


#62
Isopropylbenzene
Concen: 11.738 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



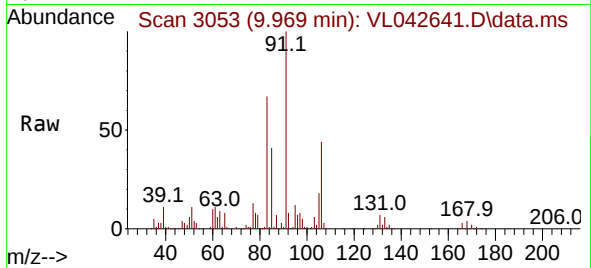
Tgt Ion:105 Resp: 539476
Ion Ratio Lower Upper
105 100
120 24.7 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 12.159 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

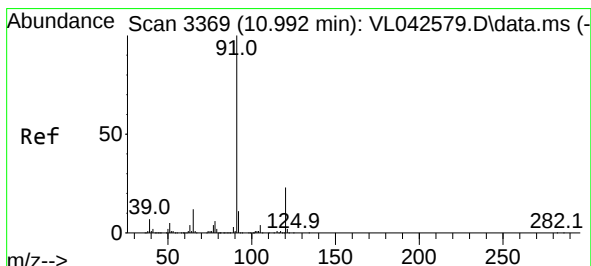
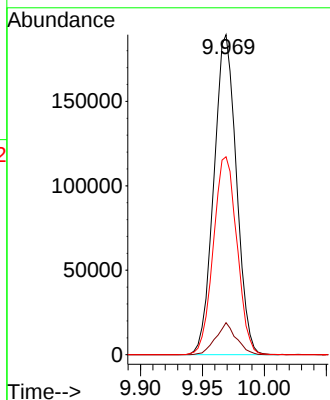
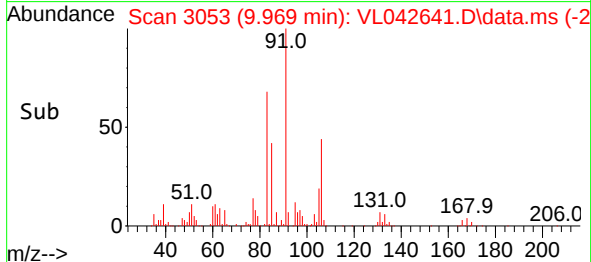
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



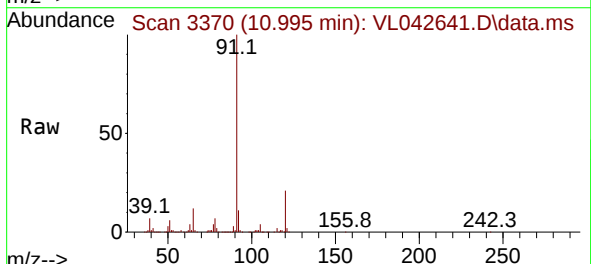
Tgt Ion: 83 Resp: 240525
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.4
85 64.6 32.5 97.4

Manual Integrations
APPROVED

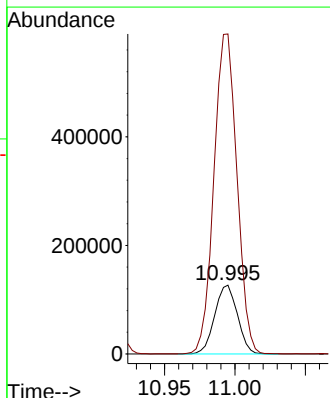
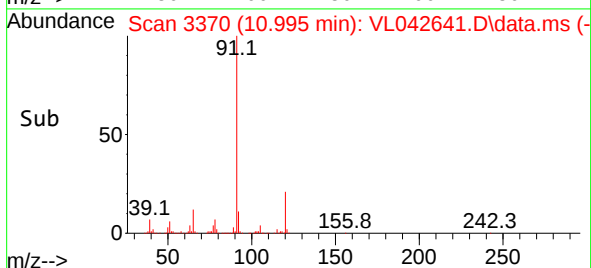
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

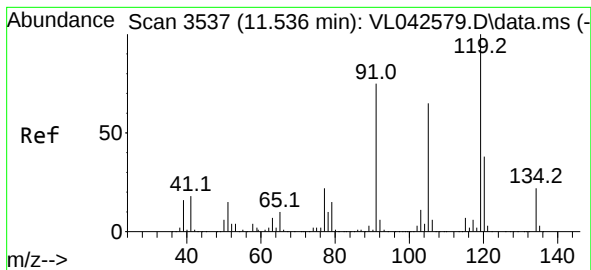


#64
n-propylbenzene
Concen: 11.544 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.003 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



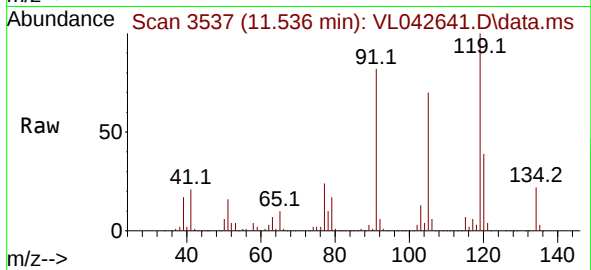
Tgt Ion:120 Resp: 142225
Ion Ratio Lower Upper
120 100
91 473.0 363.0 544.6





#65
tert-Butylbenzene
Concen: 11.305 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

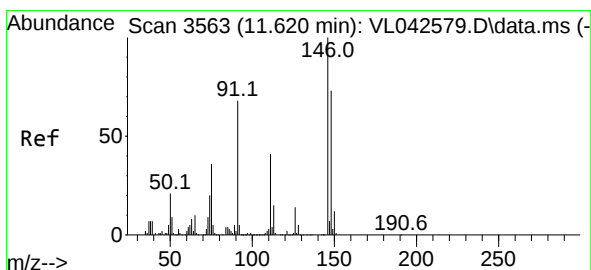
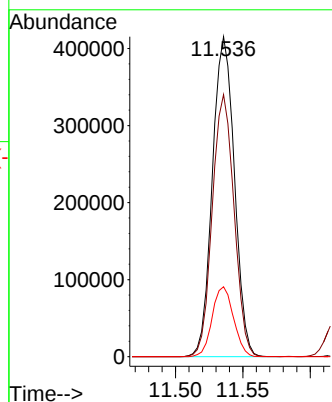
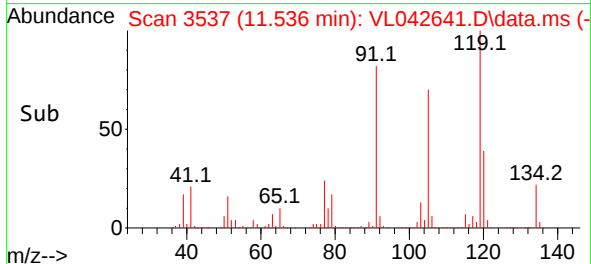
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 471502
Ion Ratio Lower Upper
119 100
91 80.9 61.1 91.7
134 21.2 17.4 26.2

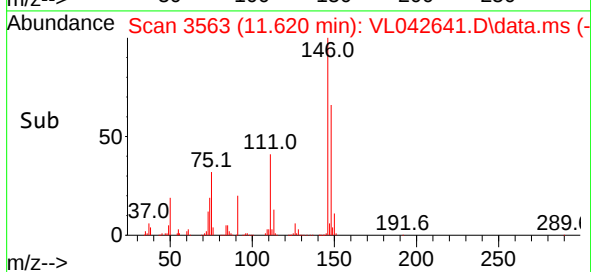
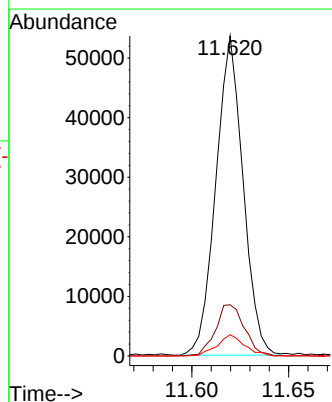
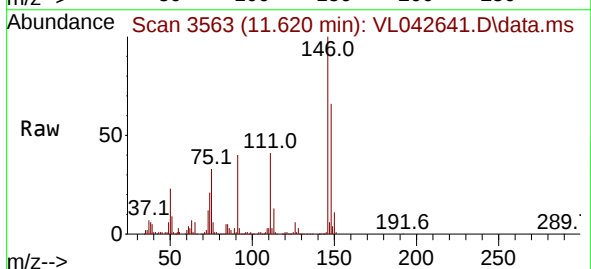
Manual Integrations
APPROVED

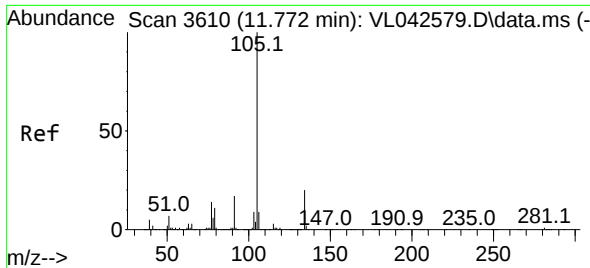
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#66
Benzyl Chloride
Concen: 9.741 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

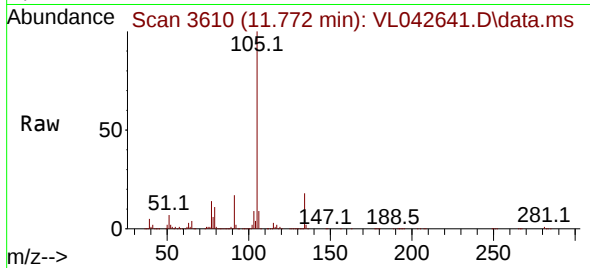
Tgt Ion: 91 Resp: 52296
Ion Ratio Lower Upper
91 100
126 17.2 15.1 22.7
128 6.8 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 11.673 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

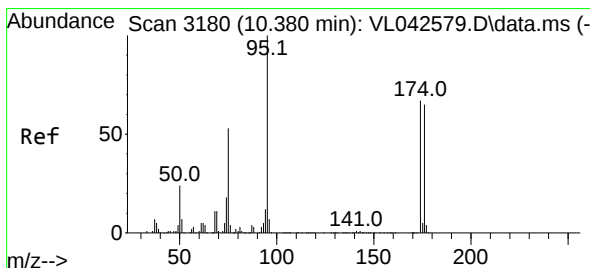
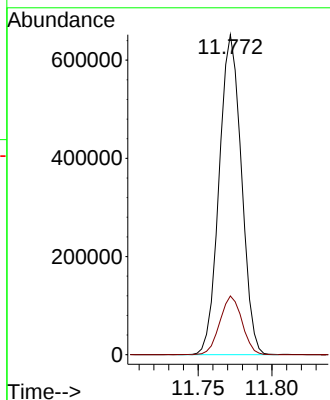
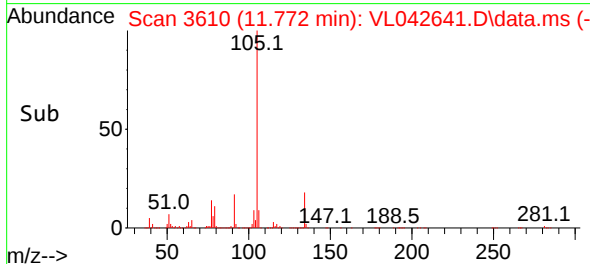
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



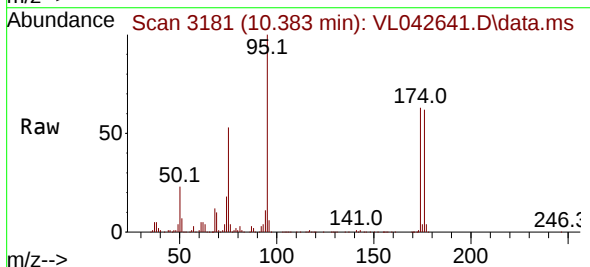
Tgt Ion:105 Resp: 684448
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.8 23.6

Manual Integrations
 APPROVED

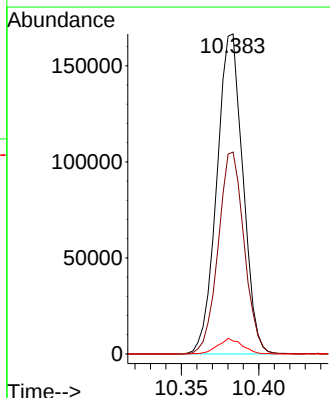
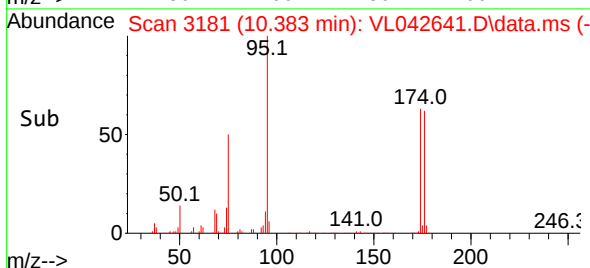
Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

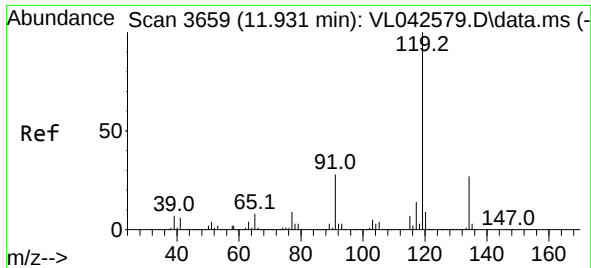


#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.157 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.003 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38



Tgt Ion: 95 Resp: 195426
 Ion Ratio Lower Upper
 95 100
 174 62.9 53.1 79.7
 175 4.5 4.2 6.2





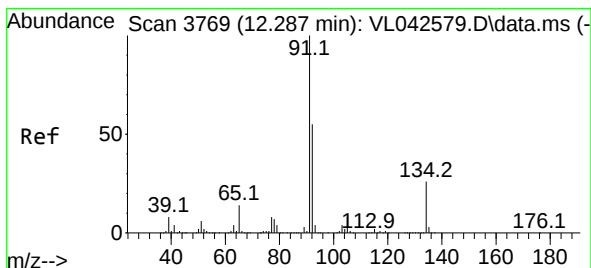
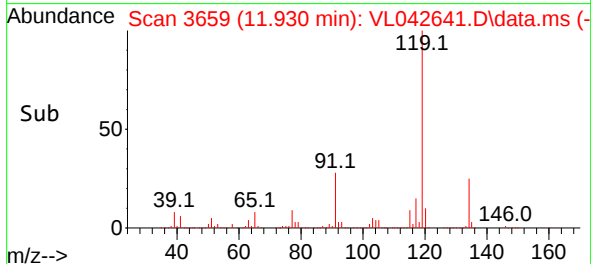
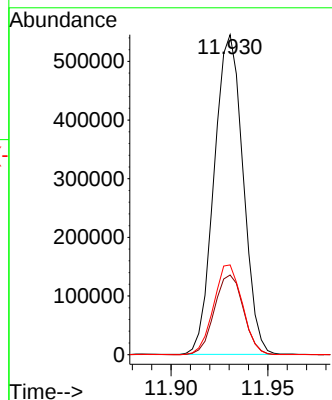
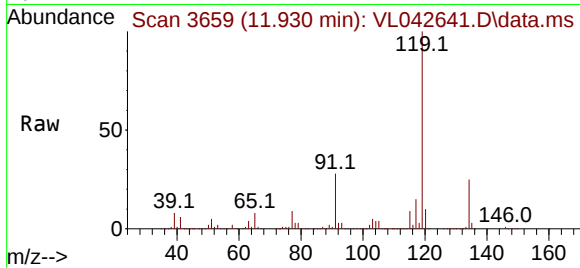
#69
p-Isopropyltoluene
Concen: 11.520 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 565690
Ion Ratio Lower Upper
119 100
134 25.2 21.1 31.7
91 28.0 21.9 32.9

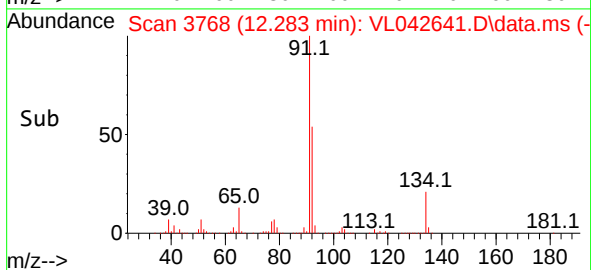
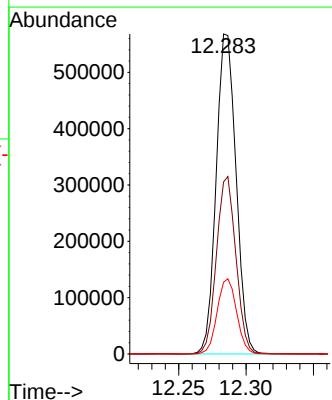
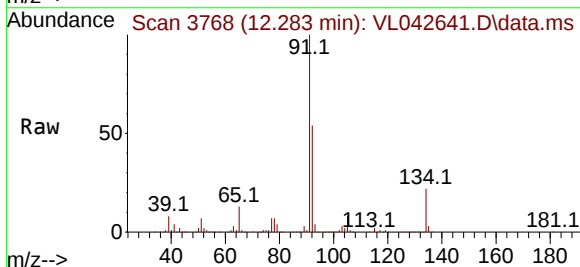
Manual Integrations
APPROVED

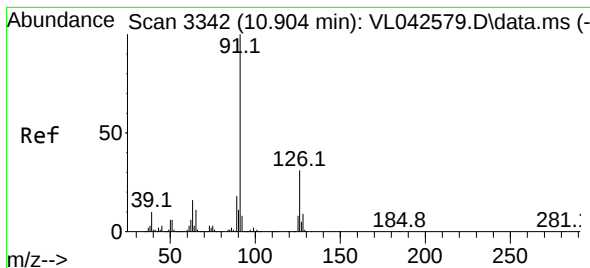
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#70
n-Butylbenzene
Concen: 12.039 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

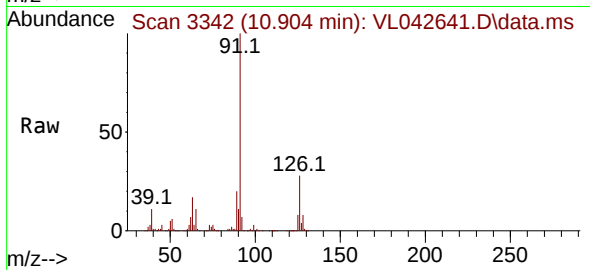
Tgt Ion: 91 Resp: 583541
Ion Ratio Lower Upper
91 100
92 54.2 44.4 66.6
134 22.9 20.1 30.1





#71
2-Chlorotoluene
Concen: 11.741 ppbv
RT: 10.904 min Scan# 3342
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

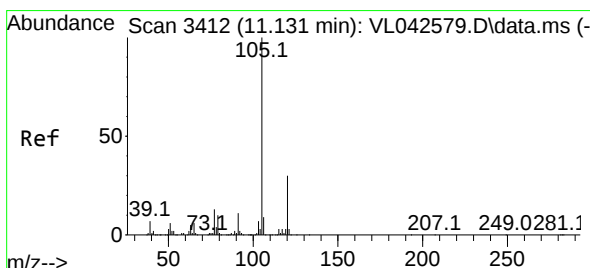
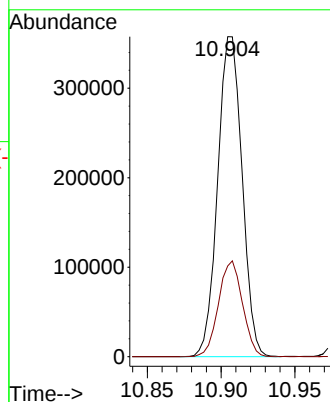
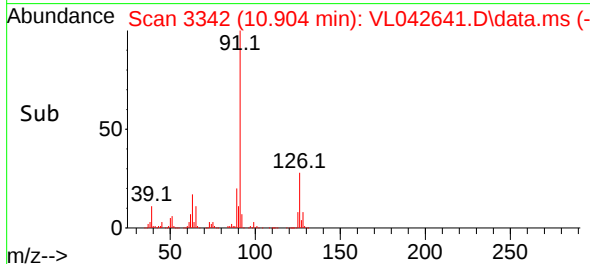
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



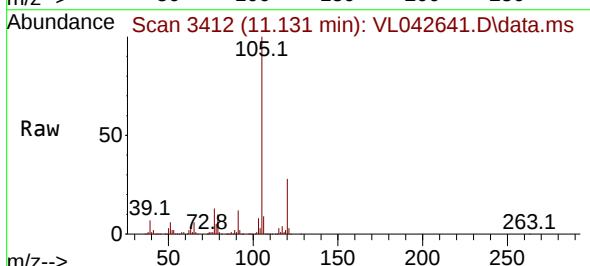
Tgt Ion: 91 Resp: 411599
Ion Ratio Lower Upper
91 100
126 29.4 12.6 50.4

Manual Integrations
APPROVED

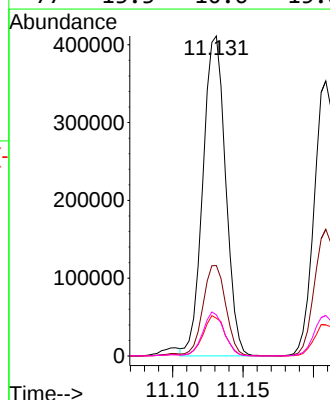
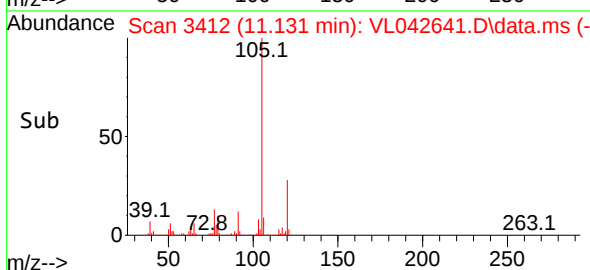
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

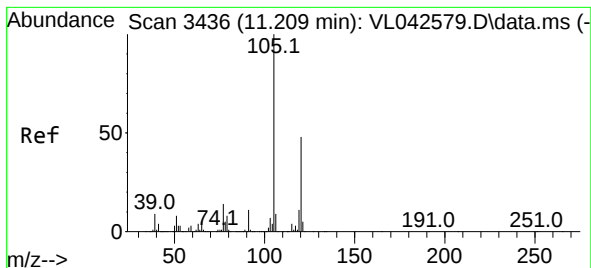


#72
4-Ethyltoluene
Concen: 11.856 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



Tgt Ion:105 Resp: 459848
Ion Ratio Lower Upper
105 100
120 29.1 24.6 36.8
91 12.7 9.6 14.4
77 13.3 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 11.875 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. -0.000 min

Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 381189

Ion Ratio Lower Upper

105 100

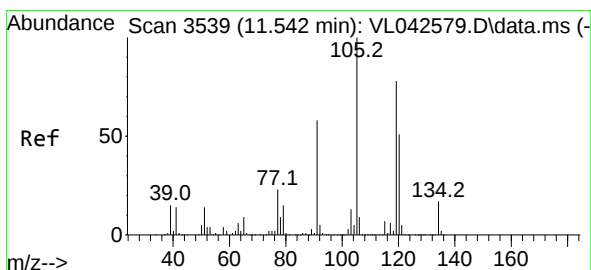
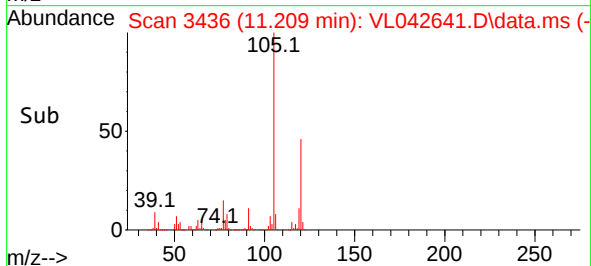
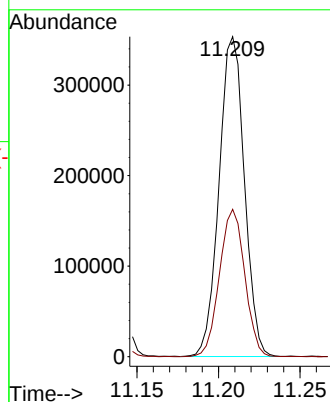
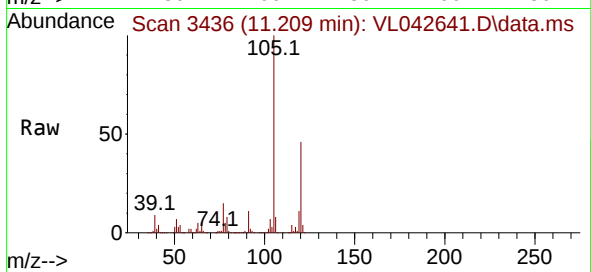
120 46.1 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025

Supervised By :Mahesh Dadoda 06/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.859 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VL042641.D

Acq: 17 Jun 2025 09:38

Tgt Ion:105 Resp: 422453

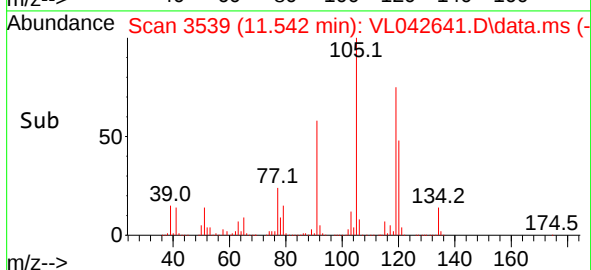
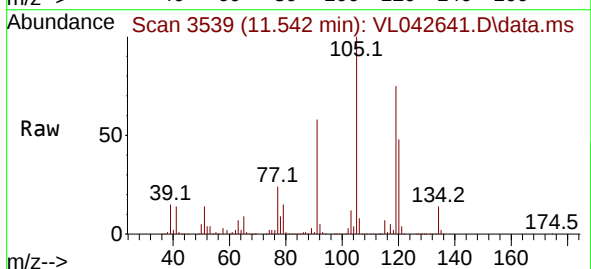
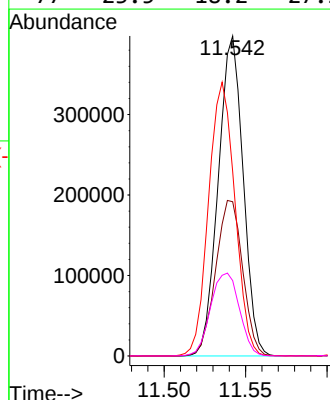
Ion Ratio Lower Upper

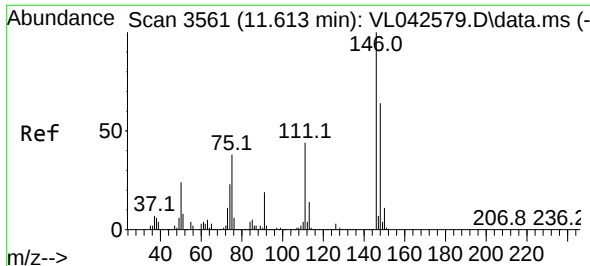
105 100

120 48.2 40.8 61.2

91 57.6 46.8 70.2

77 23.5 18.2 27.2





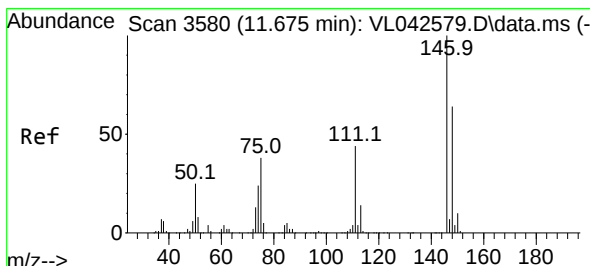
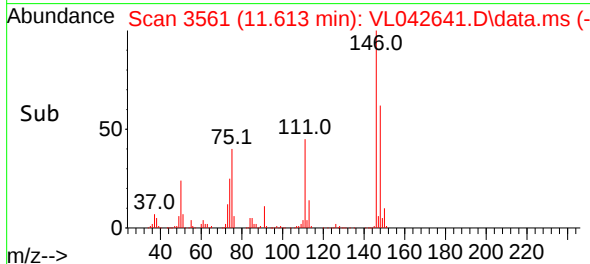
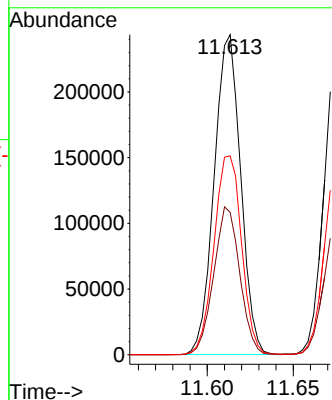
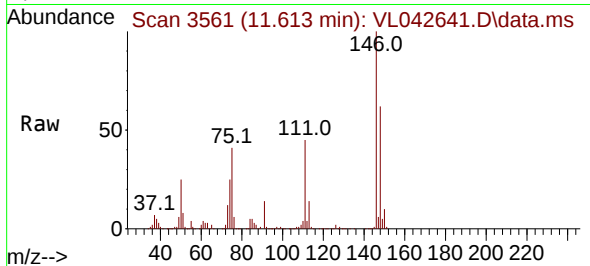
#75
1,3-Dichlorobenzene
Concen: 11.649 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 260592
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.3
148 64.8 32.0 96.2

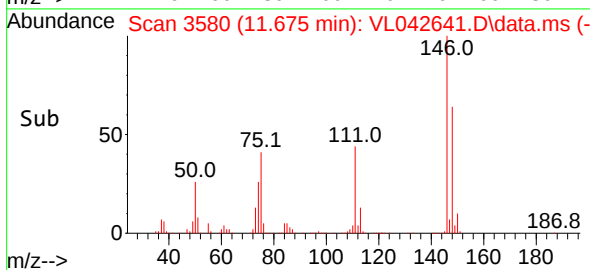
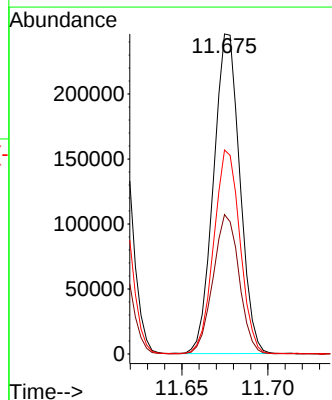
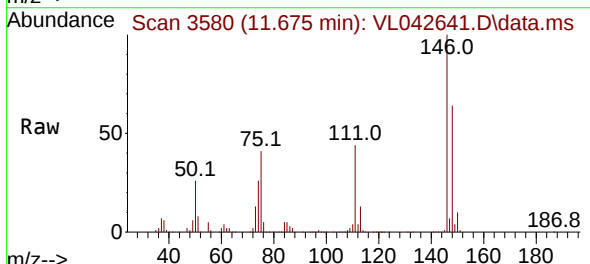
Manual Integrations
APPROVED

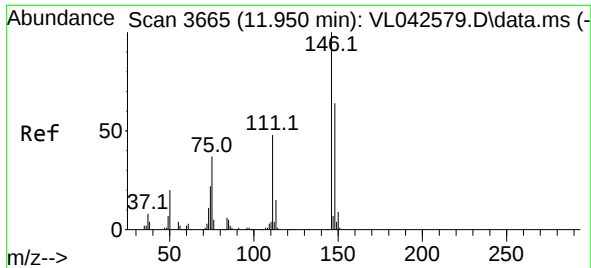
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#76
1,4-Dichlorobenzene
Concen: 11.727 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

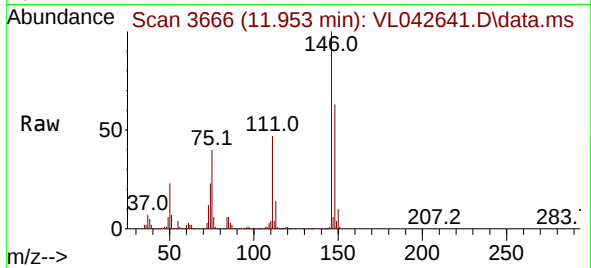
Tgt Ion:146 Resp: 261654
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.8
148 63.8 32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 11.548 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.003 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

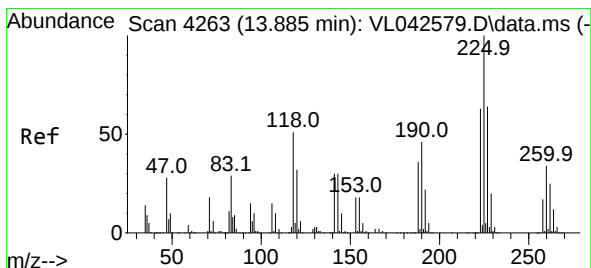
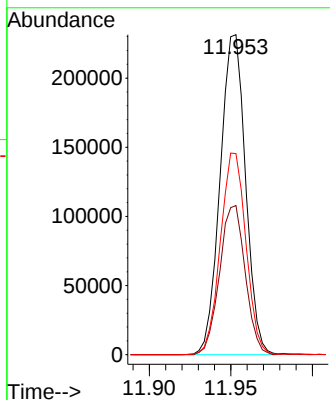
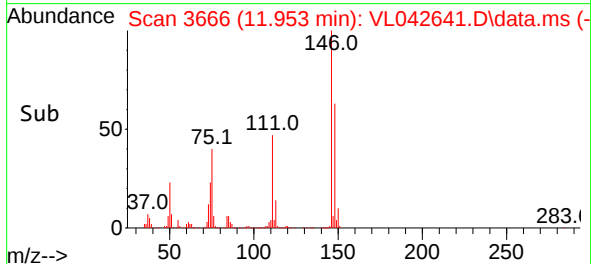
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



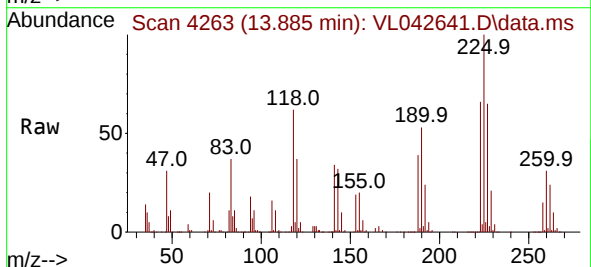
Tgt Ion:146 Resp: 250730
Ion Ratio Lower Upper
146 100
111 47.1 23.1 69.3
148 63.5 32.1 96.3

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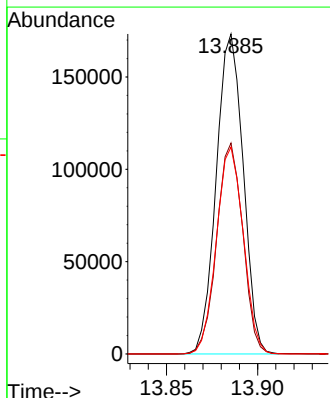
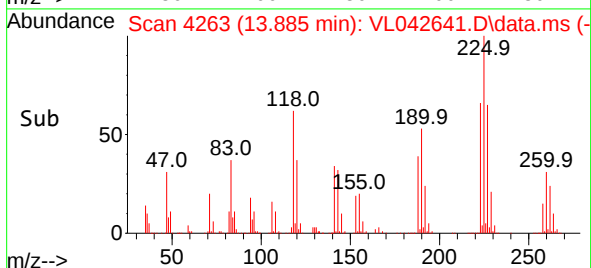
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

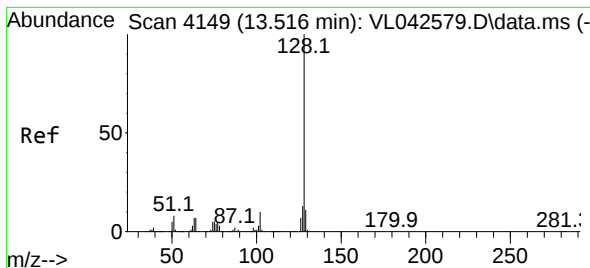


#78
Hexachloro-1,3-Butadiene
Concen: 9.927 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



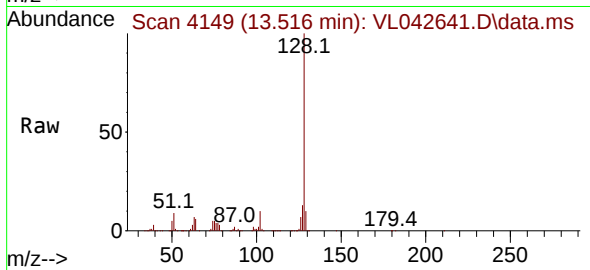
Tgt Ion:225 Resp: 178330
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 64.4 51.1 76.7





#79
Naphthalene
Concen: 11.897 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38

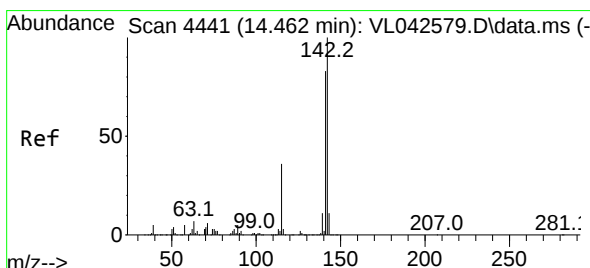
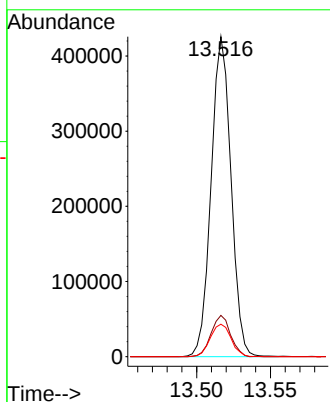
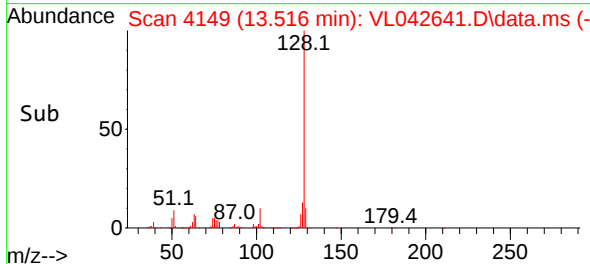
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



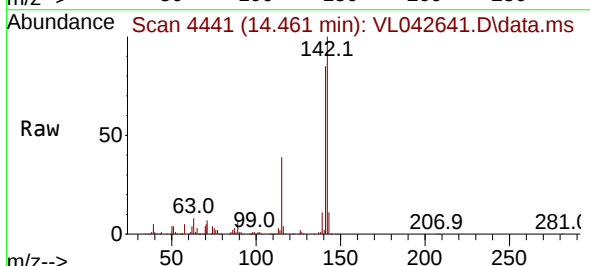
Tgt Ion:128 Resp: 399470
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.2 8.8 13.2

Manual Integrations
APPROVED

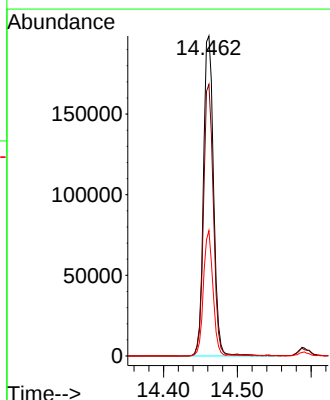
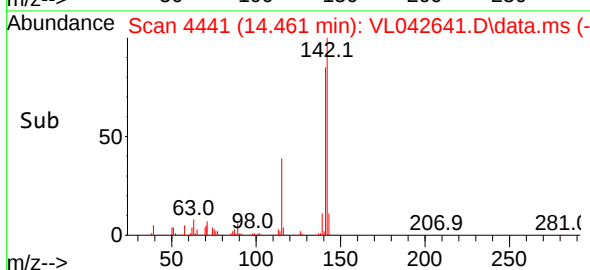
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

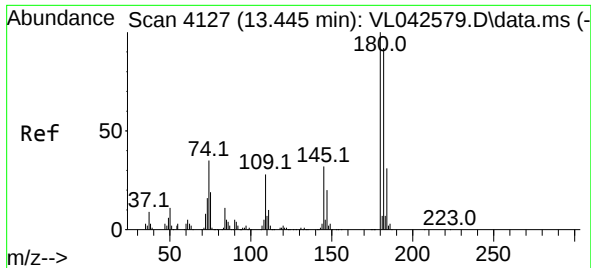


#80
Naphthalene,2-methyl-
Concen: 12.378 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.000 min
Lab File: VL042641.D
Acq: 17 Jun 2025 09:38



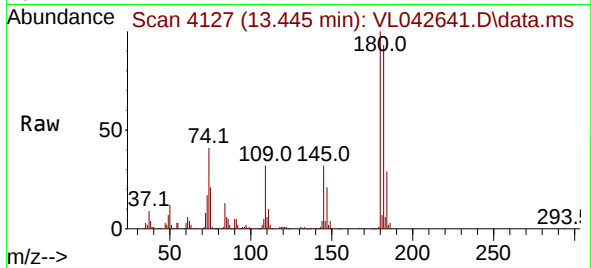
Tgt Ion:142 Resp: 187778
Ion Ratio Lower Upper
142 100
141 83.7 66.2 99.4
115 37.6 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 10.967 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042641.D
 Acq: 17 Jun 2025 09:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 20558
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.0 112.4
 184 30.5 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

