

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042556.D
 Acq On : 21 May 2025 08:38
 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 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

Quant Time: May 21 22:52:37 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M

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

QLast Update : Wed May 21 00:21:29 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	116311	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	380372	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	338510	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 277859 10.256 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	206034	9.472	ppbv	98
3) Chlorodifluoromethane	1.476	51	168033	9.376	ppbv	99
4) Chloromethane	1.535	50	64294	9.175	ppbv	96
5) Vinyl Chloride	1.580	62	68802	8.906	ppbv	99
6) Bromomethane	1.670	94	41919	9.432	ppbv	96
7) Chloroethane	1.706	64	28071	9.037	ppbv	93
8) Dichlorotetrafluoroethane	1.554	85	175625	9.532	ppbv	99
9) Propene	1.483	41	52727	8.466	ppbv	89
10) Heptane	4.988	43	166588	10.151	ppbv	99
11) Trichlorofluoromethane	1.878	101	205465	9.047	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	163277	8.919	ppbv	98
13) Ethanol	1.722	45	6700	7.421	ppbv	98
14) Bromoethene	1.784	108	64403	9.312	ppbv	99
15) Acetone	1.836	43	123208	7.602	ppbv	98
16) 1,3-Butadiene	1.609	39	59942	9.109	ppbv	97
17) tert-Butyl alcohol	2.043	59	167617	8.949	ppbv	99
18) 1,1-Dichloroethene	2.036	96	74008	8.945	ppbv	97
19) Isopropyl Alcohol	1.887	45	81700	8.864	ppbv	95
20) Methylene Chloride	2.065	84	61423	7.827	ppbv	97
21) Allyl Chloride	2.098	41	93833	9.038	ppbv	99
22) trans-1,2-Dichloroethene	2.344	96	83340	9.079	ppbv	96
23) Vinyl Acetate	2.467	43	148835	8.070	ppbv	99
24) 1,1-Dichloroethane	2.412	63	142736	9.067	ppbv	99
25) Ethyl Acetate	2.842	43	309863	9.889	ppbv	100
26) Hexane	2.829	57	140367	9.909	ppbv	97
27) Carbon Disulfide	2.153	76	190415	9.280	ppbv	97
28) Methyl tert-Butyl Ether	2.444	73	81938	8.584	ppbv	99
29) Chloroform	2.852	83	254110	9.485	ppbv	100
30) Cyclohexane	3.862	84	125876	10.271	ppbv	98
31) cis-1,2-Dichloroethene	2.726	61	146154	9.384	ppbv	94
32) 1,1,1-Trichloroethane	3.373	97	265521	9.698	ppbv	100
34) 2-Butanone	2.561	43	198272	9.819	ppbv	97
35) Carbon Tetrachloride	3.771	117	286575	9.854	ppbv	99
36) Benzene	3.664	78	305366	9.920	ppbv	99
37) 1,2-Dichloroethane	3.224	62	184739	9.822	ppbv	100
38) Trichloroethene	4.558	130	136329	9.704	ppbv	96
39) 1,2-Dichloropropane	4.321	63	106301	9.839	ppbv	97
40) 1,4-Dioxane	4.593	88	50173	10.382	ppbv #	98
41) Tetrahydrofuran	3.059	42	103326	10.497	ppbv	99
42) Bromodichloromethane	4.499	83	273206	10.309	ppbv	97
43) Methyl Methacrylate	4.891	69	112951	10.813	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	485551	10.285	ppbv	98
45) t-1,3-Dichloropropene	6.425	75	141183	10.596	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

Quant Time: May 21 22:52:37 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M

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

QLast Update : Wed May 21 00:21:29 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	171752	10.599	ppbv	98
47) 1,1,2-Trichloroethane	6.593	97	128756	9.948	ppbv	97
48) Dibromochloromethane	7.396	129	233076	10.406	ppbv	99
49) Bromoform	9.490	173	201858	10.559	ppbv	99
50) 4-Methyl-2-Pentanone	5.765	43	262963	10.854	ppbv	100
51) 2-Hexanone	7.445	43	210670	11.790	ppbv #	98
52) Tetrachloroethene	8.234	164	117979	9.828	ppbv	98
53) Toluene	6.943	91	348485	10.591	ppbv	100
54) 1,2-Dibromoethane	7.661	107	197880	10.493	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.933	131	181241	10.042	ppbv	99
57) Chlorobenzene	8.930	112	296074	9.819	ppbv	98
58) Ethyl Benzene	9.364	91	498152	11.241	ppbv	99
59) m/p-Xylene	9.558	91	844634m	22.321	ppbv	
60) o-Xylene	9.972	91	424136	11.316	ppbv	100
61) Styrene	9.879	104	168067	11.700	ppbv	98
62) Isopropylbenzene	10.545	105	615158	10.727	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	253867	10.136	ppbv	100
64) n-propylbenzene	10.995	120	161857	11.331	ppbv	99
65) tert-Butylbenzene	11.536	119	580766	11.259	ppbv	99
66) Benzyl Chloride	11.620	91	74168	11.492	ppbv	100
67) sec-Butylbenzene	11.772	105	793523	10.898	ppbv	100
69) p-Isopropyltoluene	11.931	119	685318	11.397	ppbv	100
70) n-Butylbenzene	12.287	91	665390	11.712	ppbv	100
71) 2-Chlorotoluene	10.908	91	457701	11.090	ppbv	99
72) 4-Ethyltoluene	11.131	105	527693	11.400	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	445574	11.128	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	514358	10.653	ppbv	95
75) 1,3-Dichlorobenzene	11.613	146	307235	10.310	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	304716	10.529	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	298213	10.157	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	225583	9.302	ppbv	99
79) Naphthalene	13.517	128	464772	12.846	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	255900	13.727	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	247688	11.397	ppbv	100

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

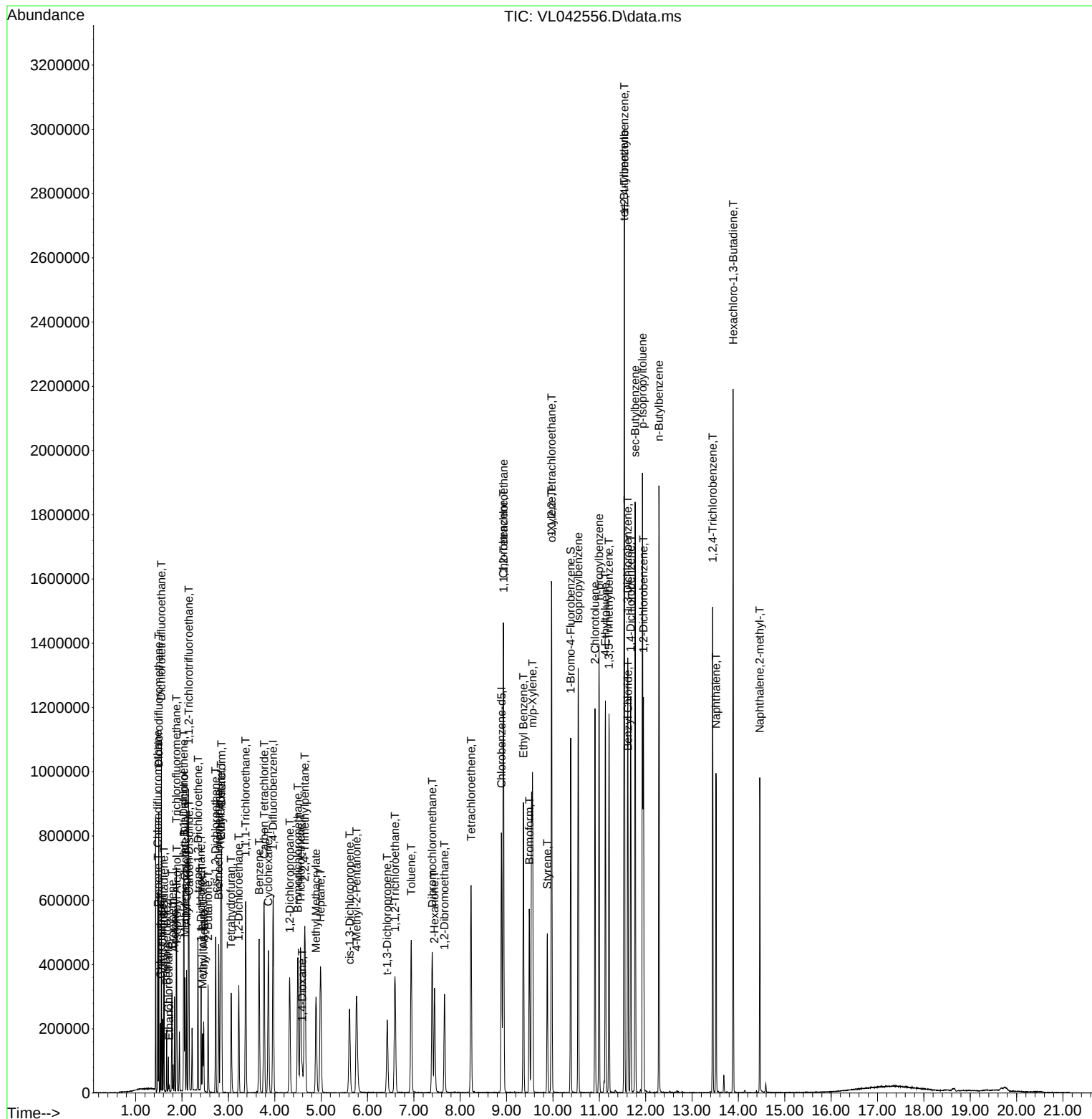
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

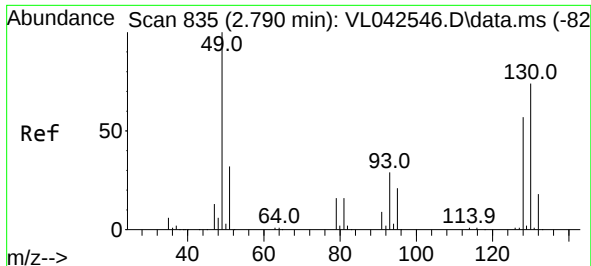
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

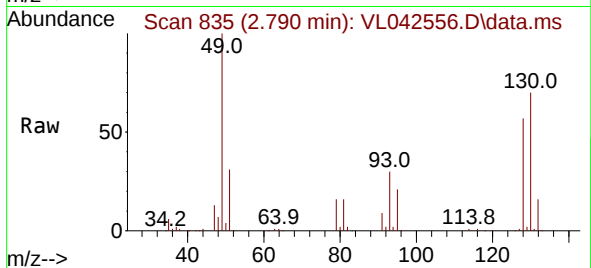
Quant Time: May 21 22:52:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

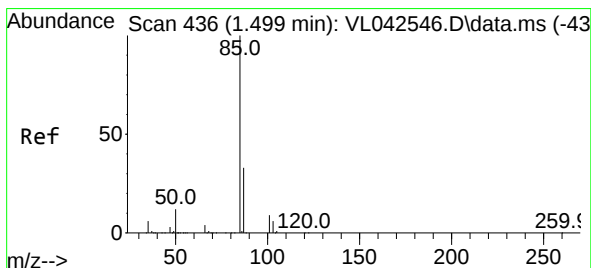
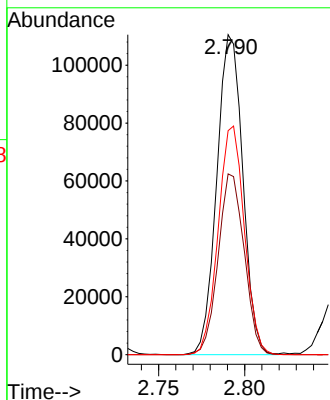
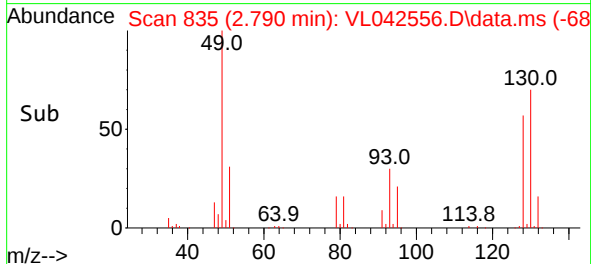
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



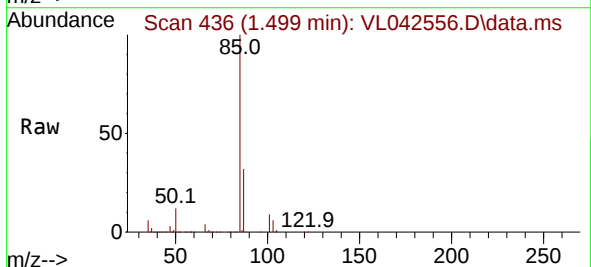
Tgt Ion: 49 Resp: 11631
Ion Ratio Lower Upper
49 100
128 56.6 28.6 85.8
130 71.9 36.6 109.8

Manual Integrations
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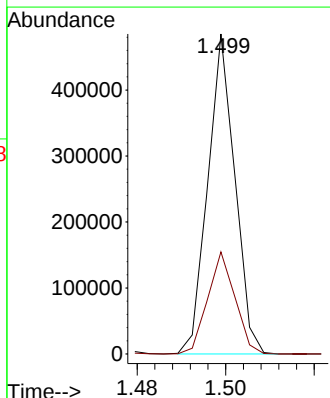
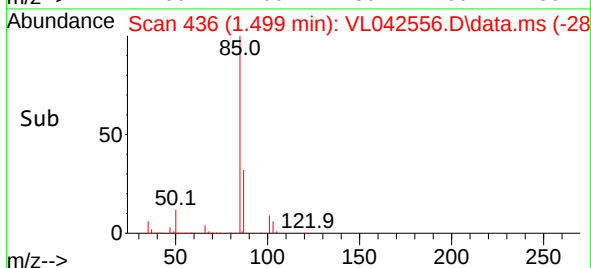
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

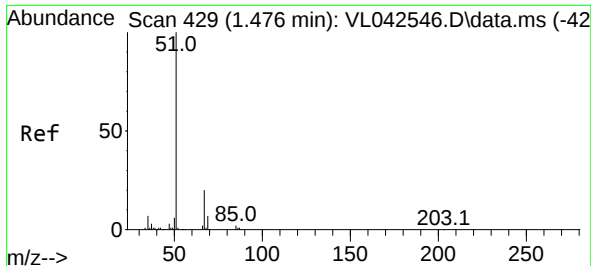


#2
Dichlorodifluoromethane
Concen: 9.472 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



Tgt Ion: 85 Resp: 206034
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.4





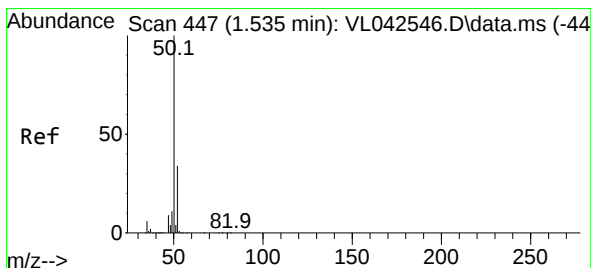
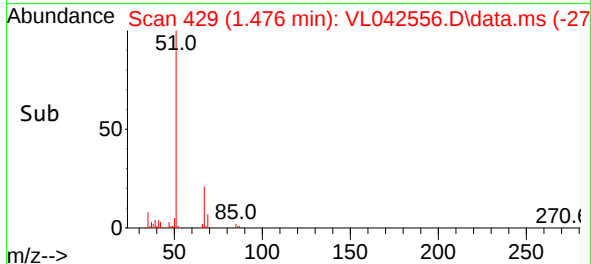
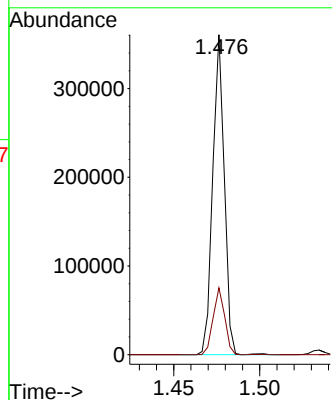
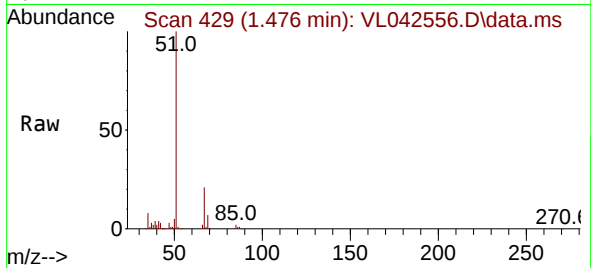
#3
Chlorodifluoromethane
Concen: 9.376 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 51 Resp: 16803
Ion Ratio Lower Upper
51 100
67 21.1 16.6 25.0

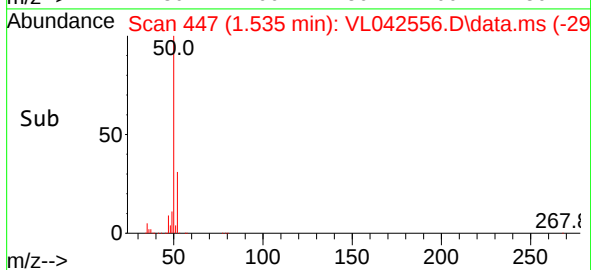
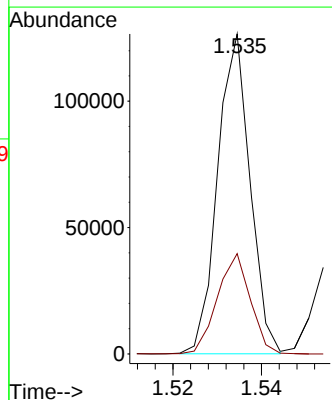
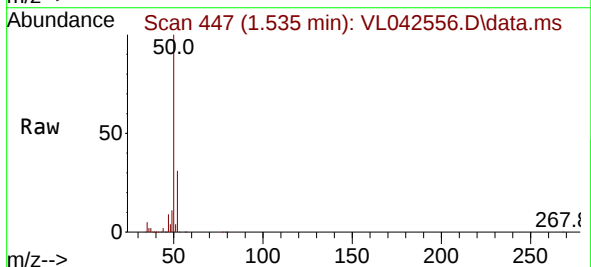
Manual Integrations
APPROVED

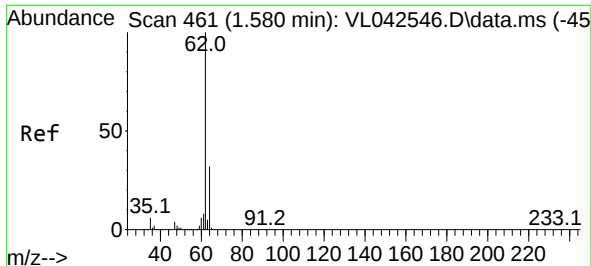
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#4
Chloromethane
Concen: 9.175 ppbv
RT: 1.535 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

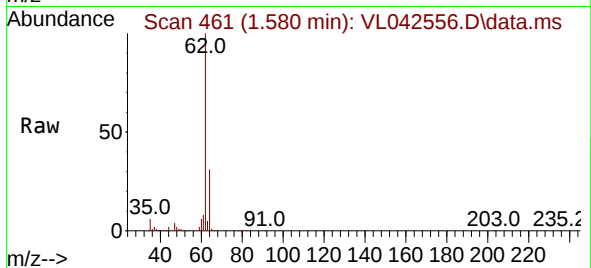
Tgt Ion: 50 Resp: 64294
Ion Ratio Lower Upper
50 100
52 31.3 26.9 40.3





#5
 Vinyl Chloride
 Concen: 8.906 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

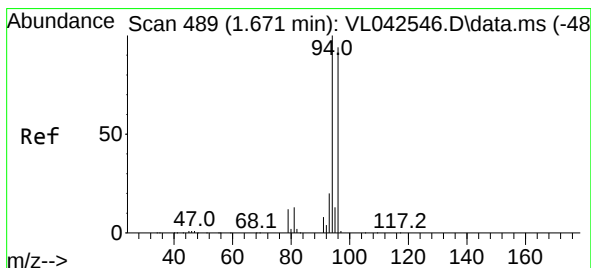
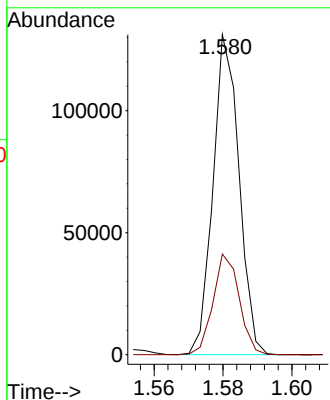
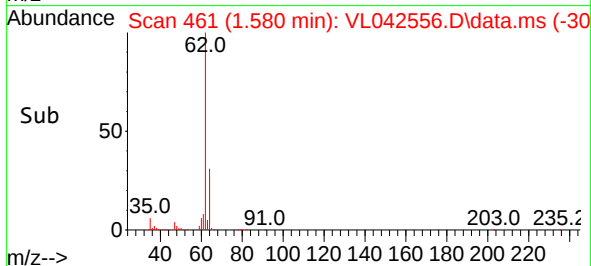
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



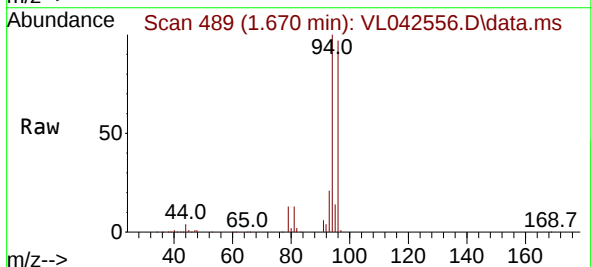
Tgt Ion: 62 Resp: 68802
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.7 38.5

Manual Integrations
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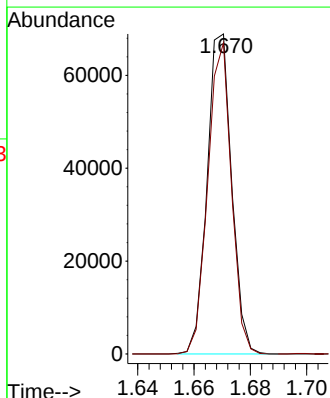
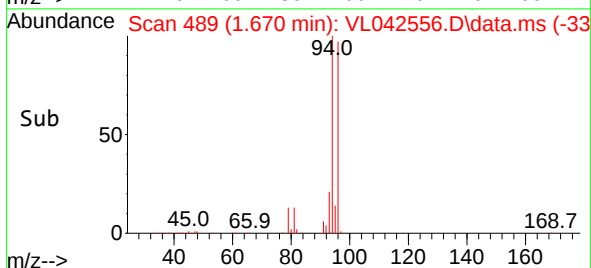
Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

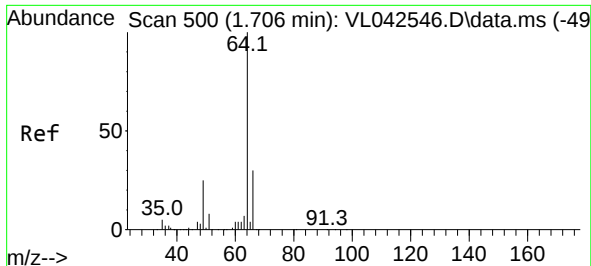


#6
 Bromomethane
 Concen: 9.432 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38



Tgt Ion: 94 Resp: 41919
 Ion Ratio Lower Upper
 94 100
 96 97.2 74.9 112.3





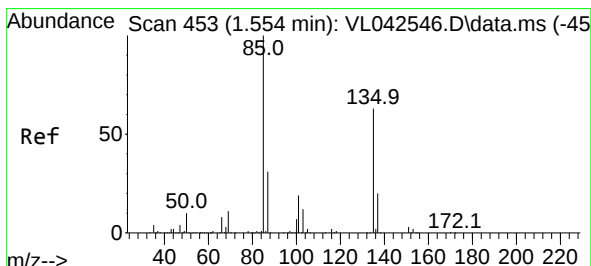
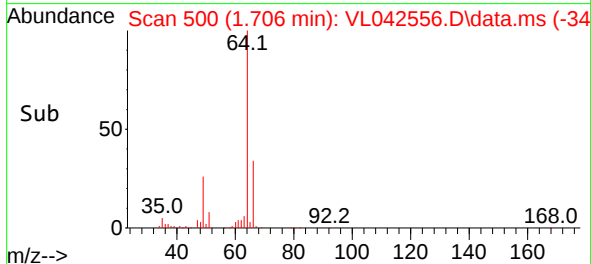
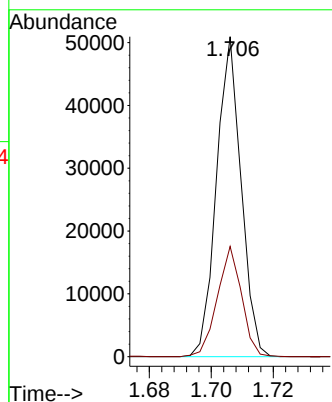
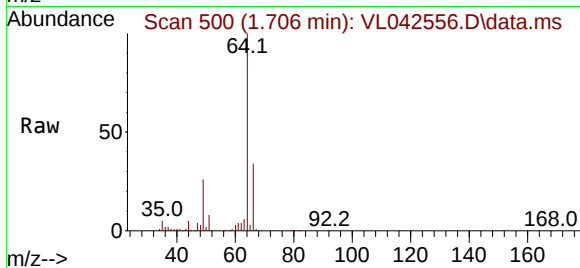
#7
Chloroethane
Concen: 9.037 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 2807
Ion Ratio Lower Upper
64 100
66 34.4 24.4 36.6

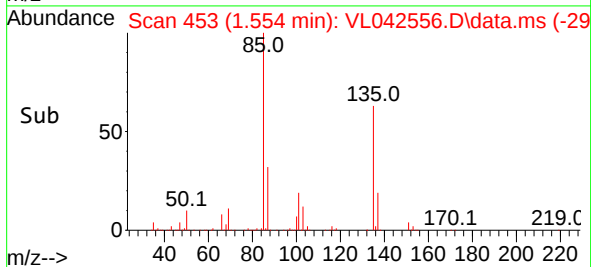
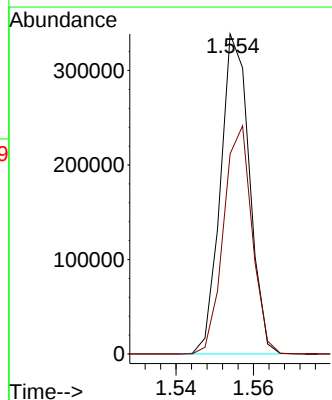
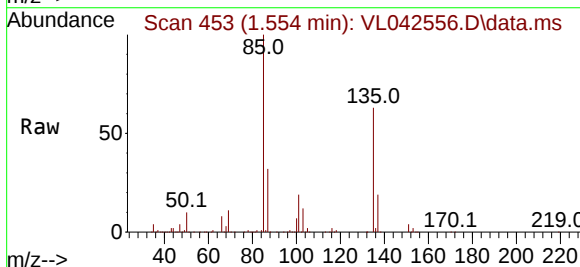
Manual Integrations
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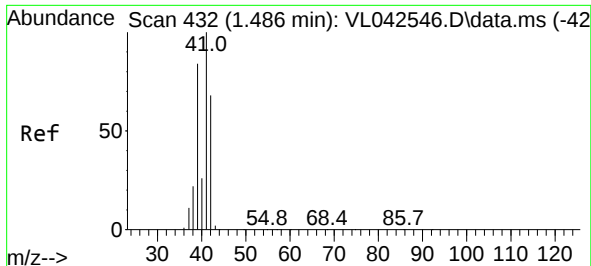
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#8
Dichlorotetrafluoroethane
Concen: 9.532 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

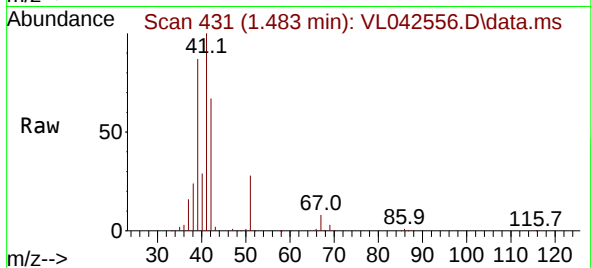
Tgt Ion: 85 Resp: 175625
Ion Ratio Lower Upper
85 100
135 70.6 57.2 85.8





#9
 Propene
 Concen: 8.466 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

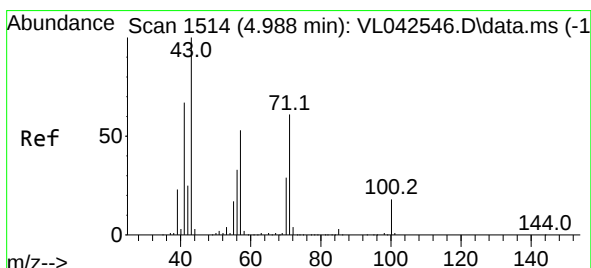
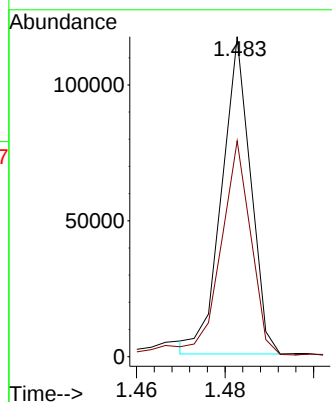
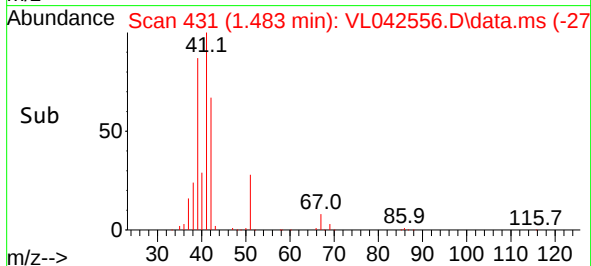
Instrument :
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 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 5272
 Ion Ratio Lower Upper
 41 100
 42 77.5 55.0 82.4

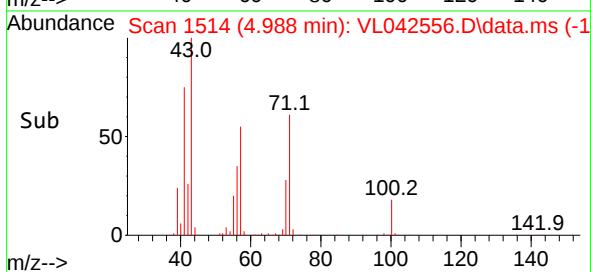
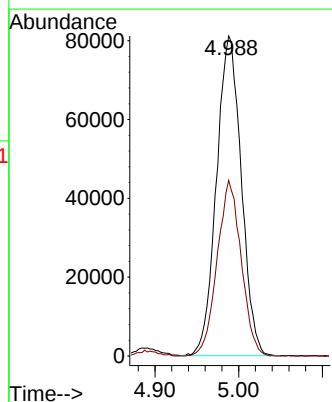
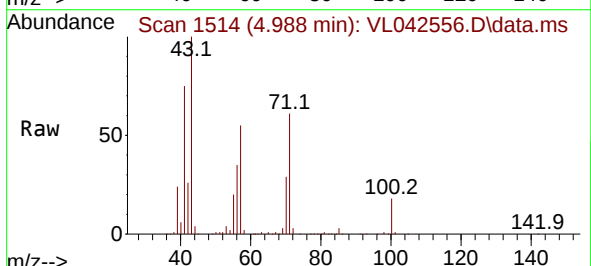
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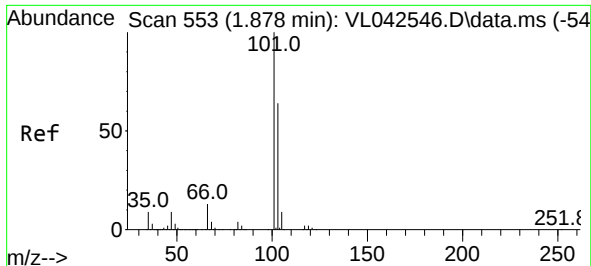
Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#10
 Heptane
 Concen: 10.151 ppbv
 RT: 4.988 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

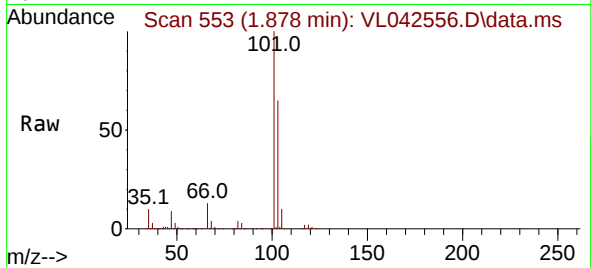
Tgt Ion: 43 Resp: 166588
 Ion Ratio Lower Upper
 43 100
 57 53.1 43.4 65.0





#11
Trichlorofluoromethane
Concen: 9.047 ppbv
RT: 1.878 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

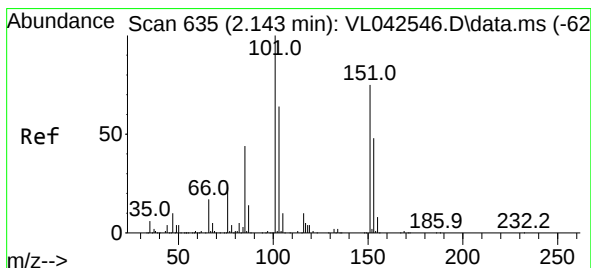
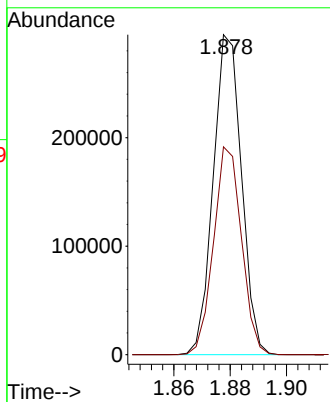
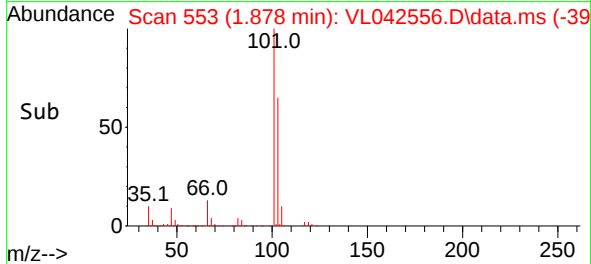
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



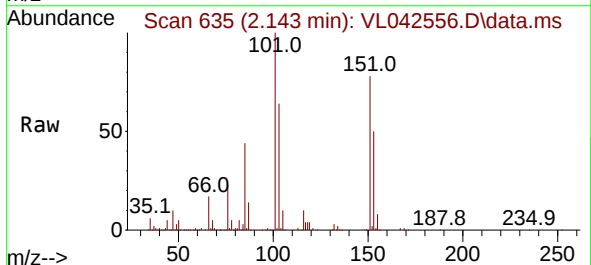
Tgt Ion:101 Resp: 20546
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

Manual Integrations
APPROVED

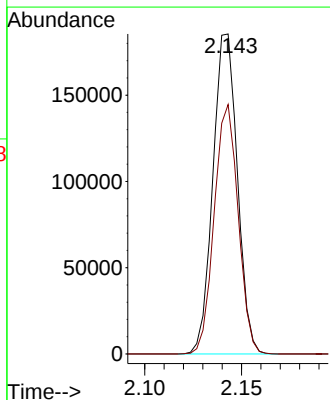
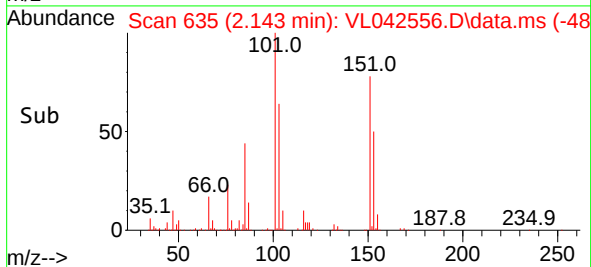
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

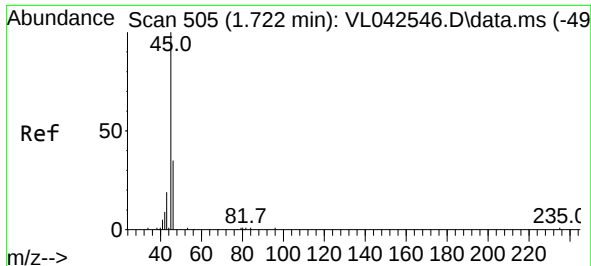


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.919 ppbv
RT: 2.143 min Scan# 635
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



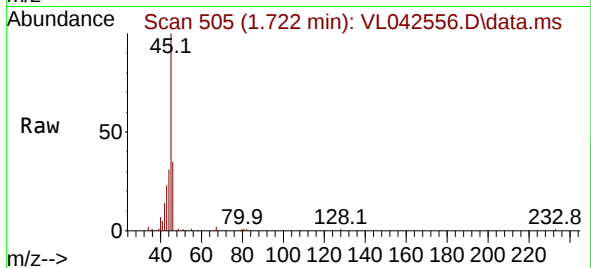
Tgt Ion:101 Resp: 163277
Ion Ratio Lower Upper
101 100
151 76.1 59.5 89.3





#13
Ethanol
Concen: 7.421 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

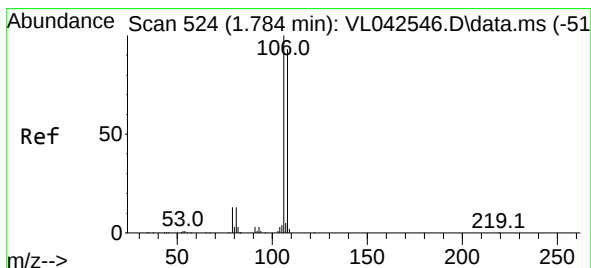
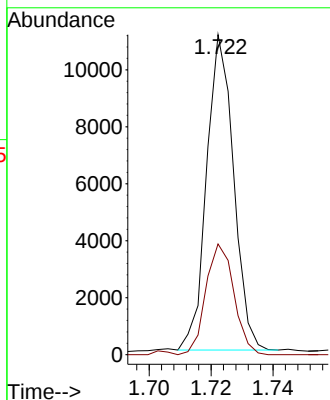
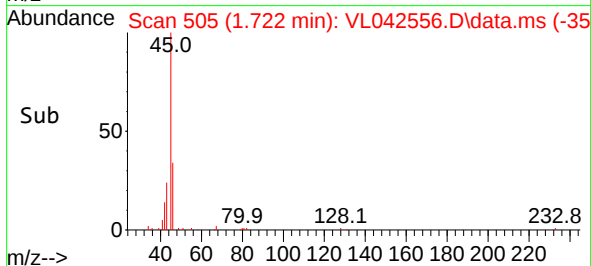
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



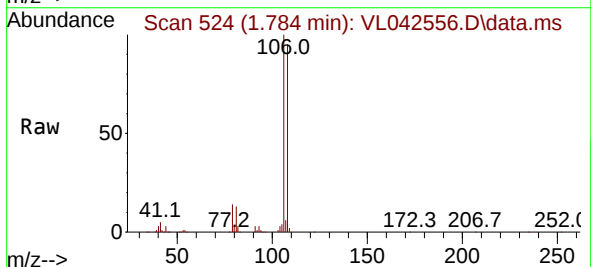
Tgt Ion: 45 Resp: 6700
Ion Ratio Lower Upper
45 100
46 37.1 15.3 61.3

Manual Integrations
APPROVED

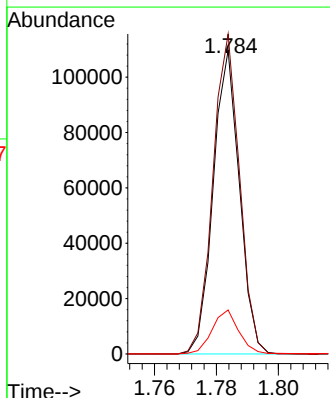
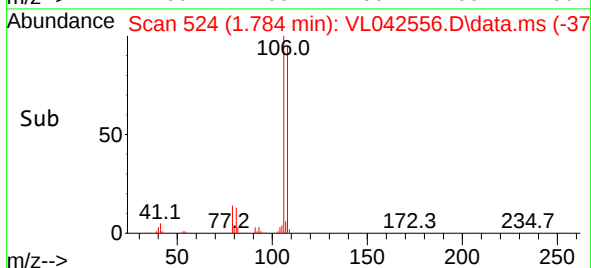
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

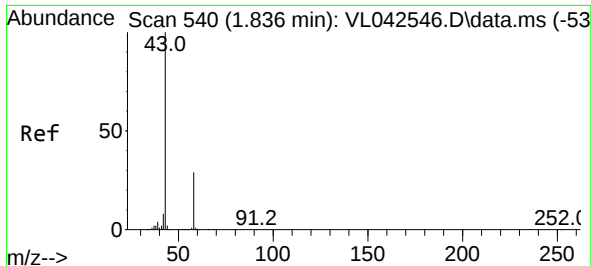


#14
Bromoethene
Concen: 9.312 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



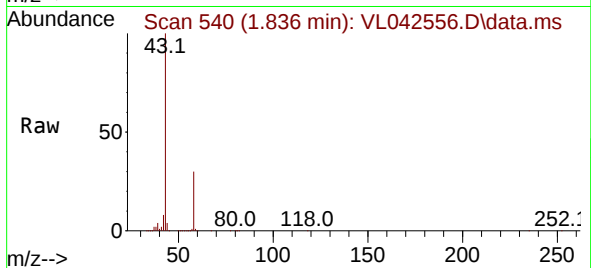
Tgt Ion:108 Resp: 64403
Ion Ratio Lower Upper
108 100
106 106.7 86.4 129.6
79 15.1 11.9 17.9





#15
Acetone
Concen: 7.602 ppbv
RT: 1.836 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

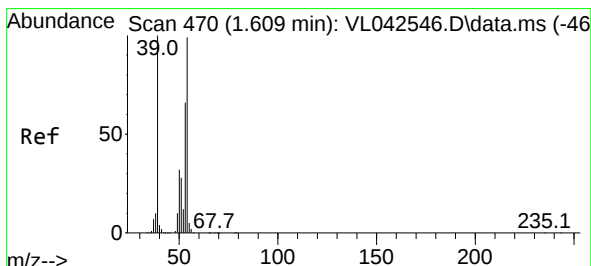
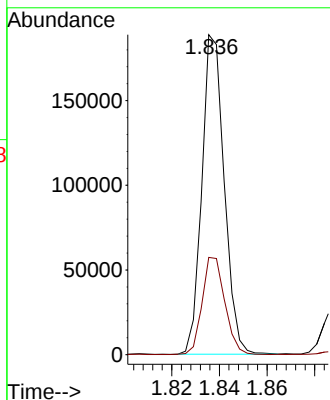
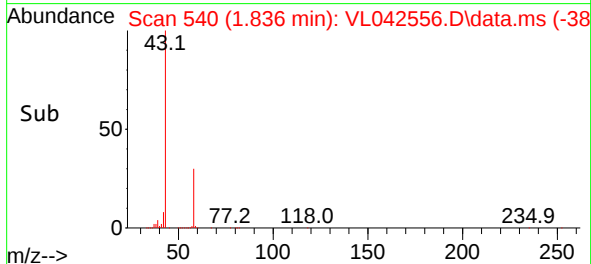
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



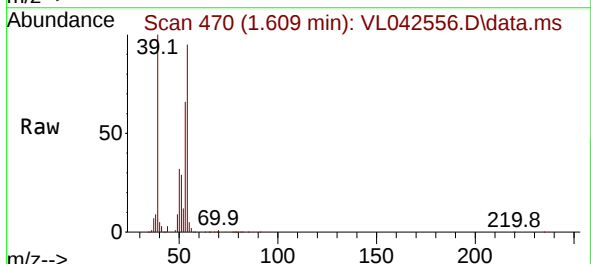
Tgt Ion: 43 Resp: 123208
Ion Ratio Lower Upper
43 100
58 31.2 24.2 36.2

Manual Integrations
APPROVED

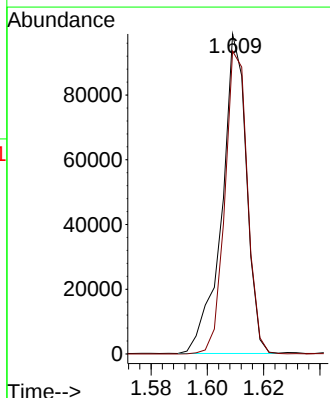
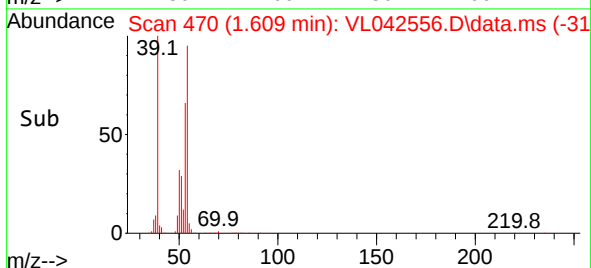
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

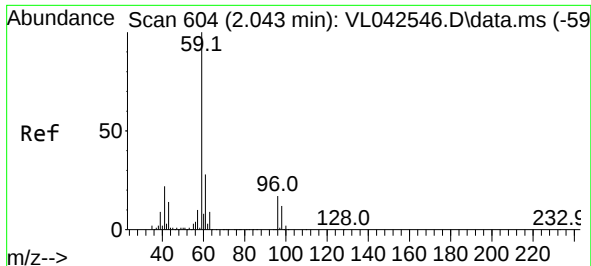


#16
1,3-Butadiene
Concen: 9.109 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



Tgt Ion: 39 Resp: 59942
Ion Ratio Lower Upper
39 100
54 87.2 71.8 107.8





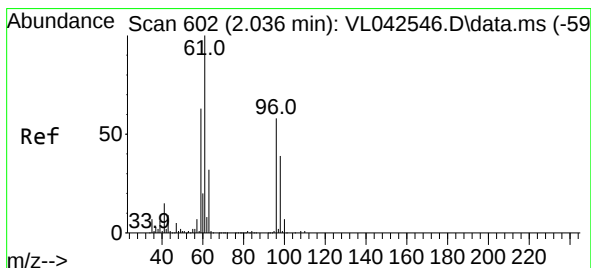
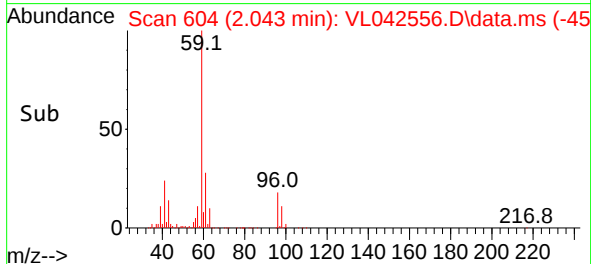
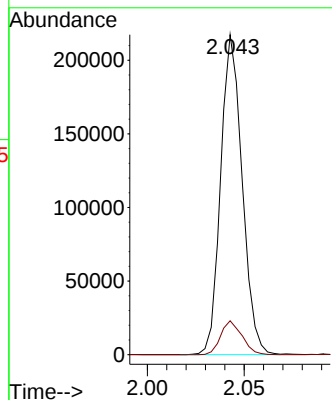
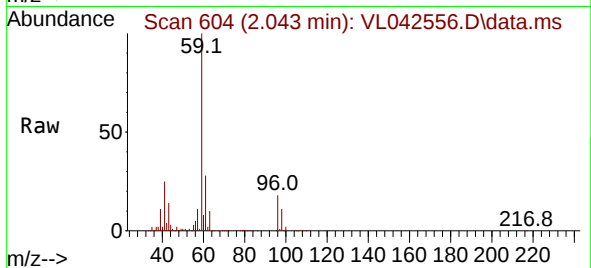
#17
tert-Butyl alcohol
Concen: 8.949 ppbv
RT: 2.043 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 16761
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

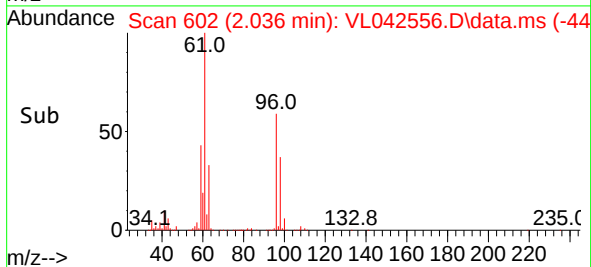
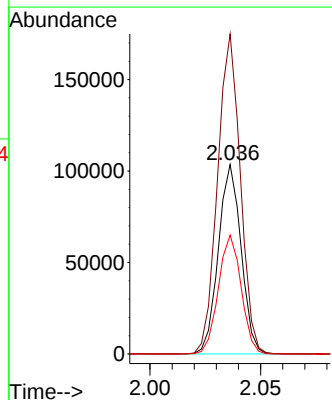
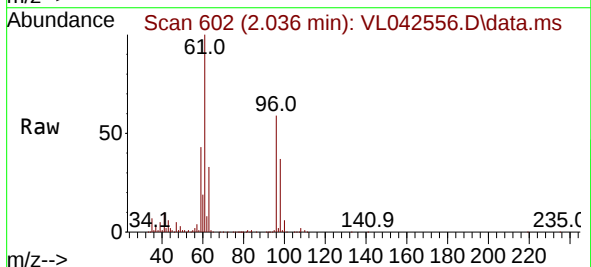
Manual Integrations
APPROVED

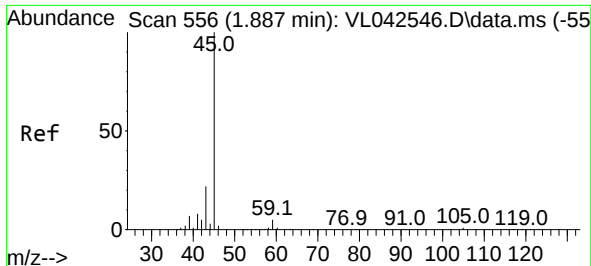
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#18
1,1-Dichloroethene
Concen: 8.945 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Tgt Ion: 96 Resp: 74008
Ion Ratio Lower Upper
96 100
61 168.9 137.5 206.3
98 62.7 53.2 79.8





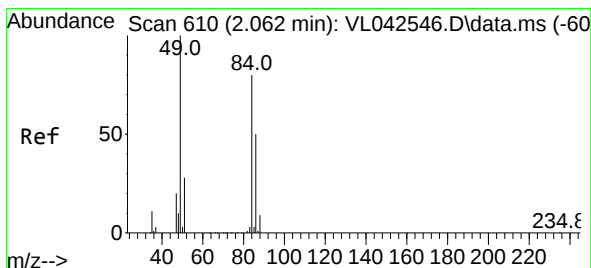
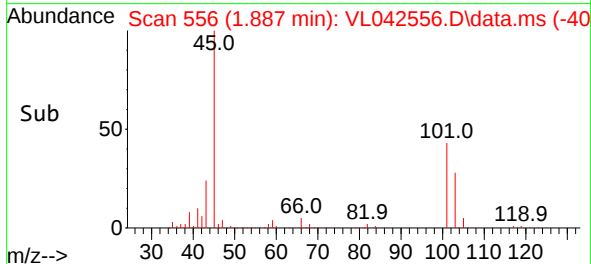
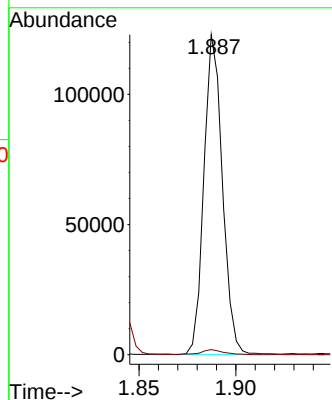
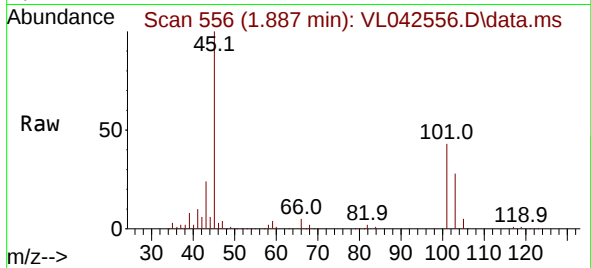
#19
Isopropyl Alcohol
Concen: 8.864 ppbv
RT: 1.887 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 81700
Ion Ratio Lower Upper
45 100
58 47.1 35.3 52.9

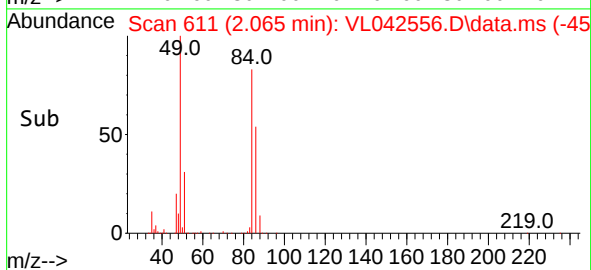
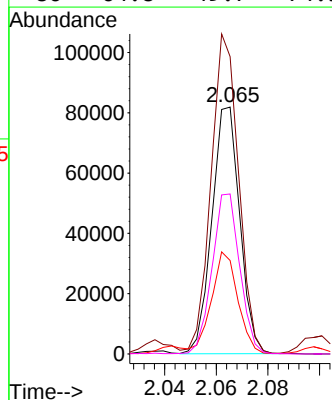
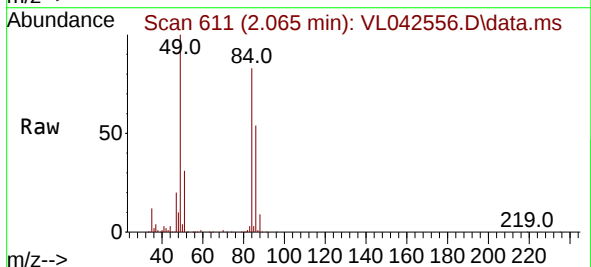
Manual Integrations
APPROVED

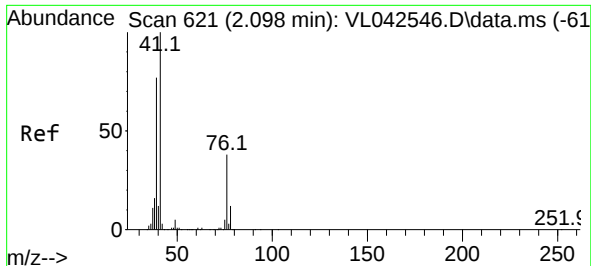
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 7.827 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Tgt Ion: 84 Resp: 61423
Ion Ratio Lower Upper
84 100
49 120.2 99.7 149.5
51 37.7 29.7 44.5
86 64.8 49.7 74.5





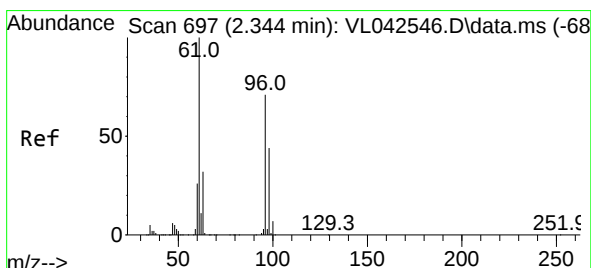
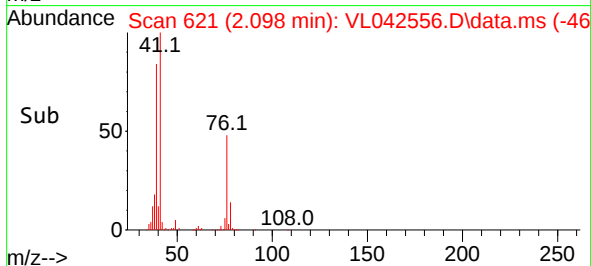
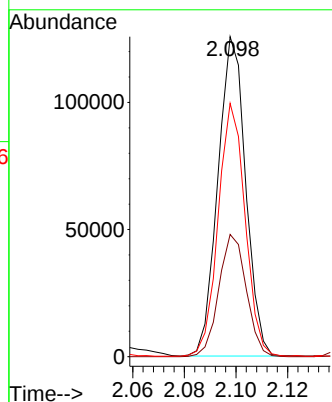
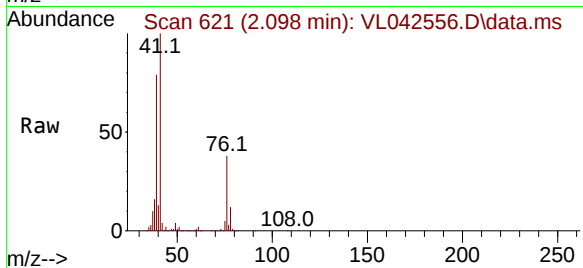
#21
 Allyl Chloride
 Concen: 9.038 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 9383
 Ion Ratio Lower Upper
 41 100
 76 37.9 30.2 45.4
 39 76.7 62.5 93.7

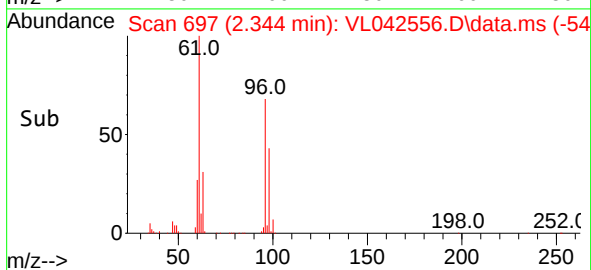
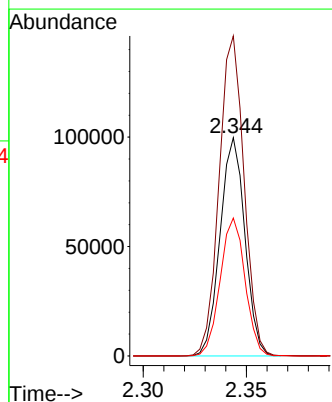
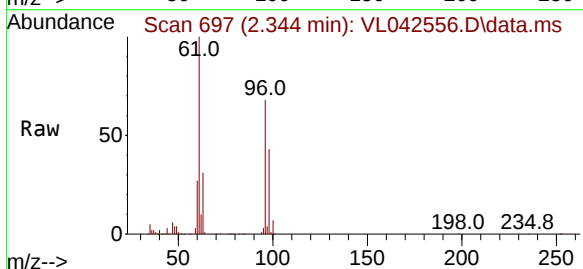
Manual Integrations
 APPROVED

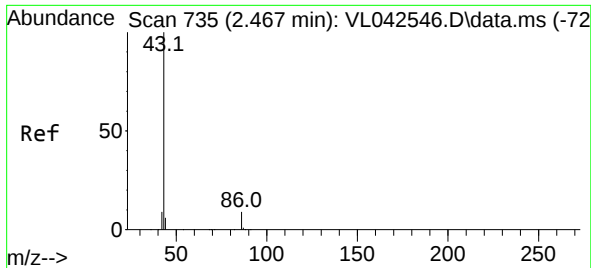
Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.079 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

Tgt Ion: 96 Resp: 83340
 Ion Ratio Lower Upper
 96 100
 61 146.7 112.5 168.7
 98 63.2 49.0 73.4





#23
 Vinyl Acetate
 Concen: 8.070 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

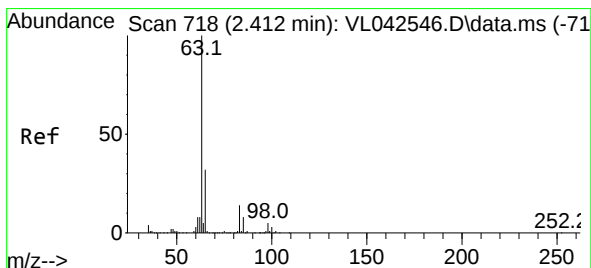
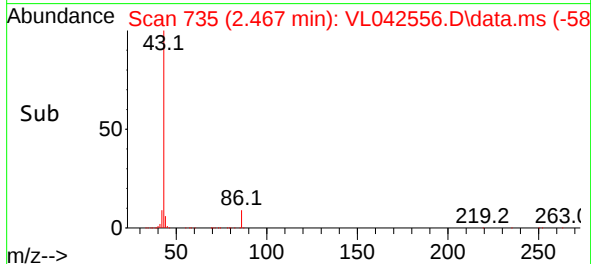
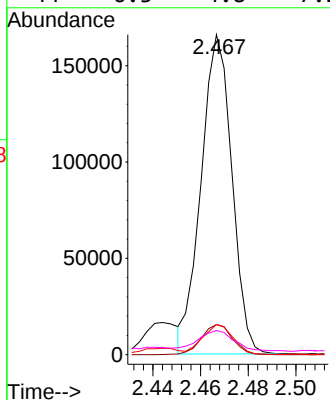
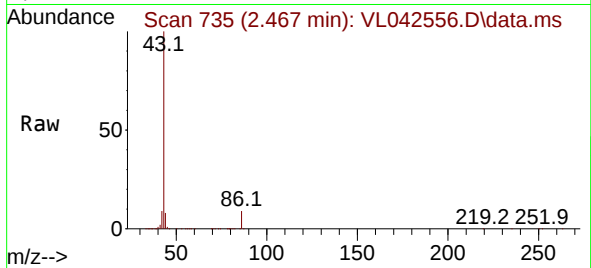
ClientSampleId :

VSTDCCC010

Tgt Ion:	43	Resp:	14883
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.0	10.6
42	9.4	7.4	11.2
44	6.3	4.8	7.2

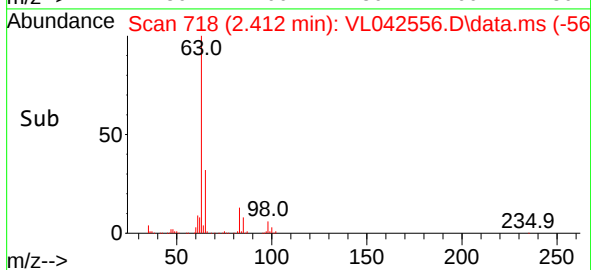
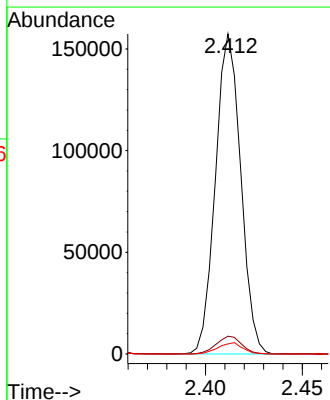
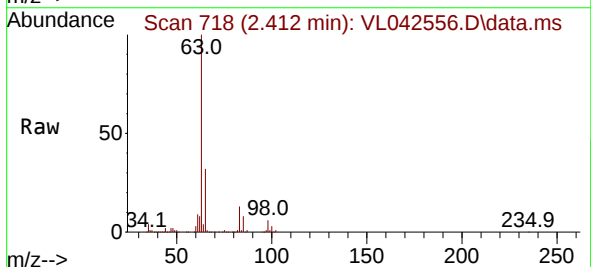
Manual Integrations
 APPROVED

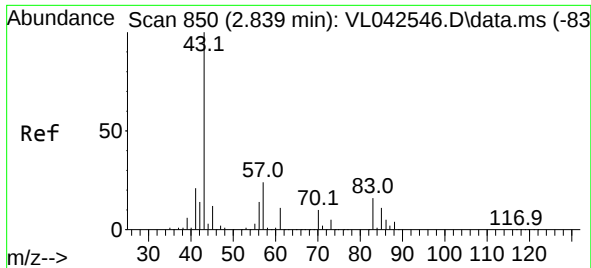
Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#24
 1,1-Dichloroethane
 Concen: 9.067 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

Tgt Ion:	63	Resp:	142736
Ion Ratio	Lower	Upper	
63	100		
98	5.6	2.6	7.8
100	3.2	1.8	5.3





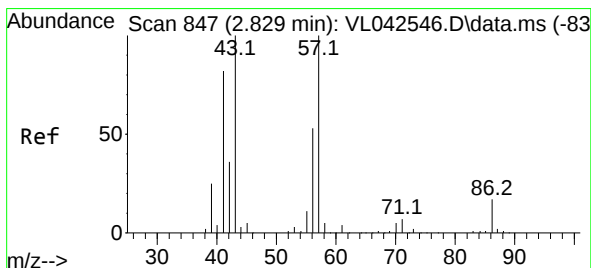
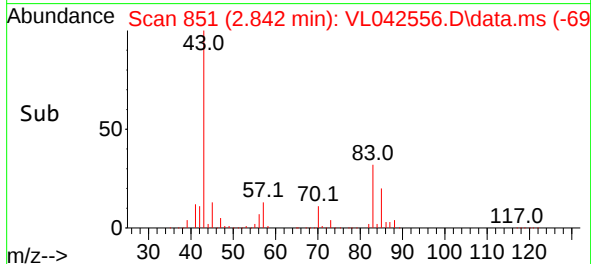
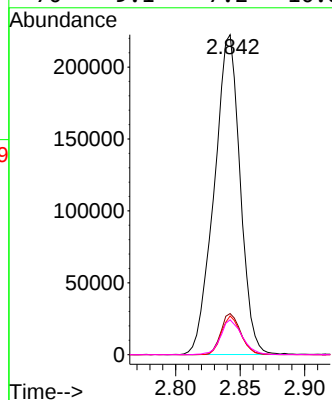
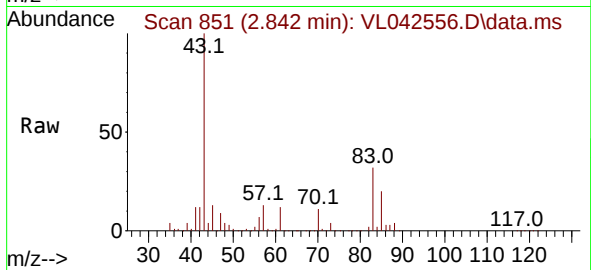
#25
Ethyl Acetate
Concen: 9.889 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 30986
Ion Ratio Lower Upper
43 100
45 9.9 8.0 12.0
61 9.1 7.5 11.3
70 9.1 7.2 10.8

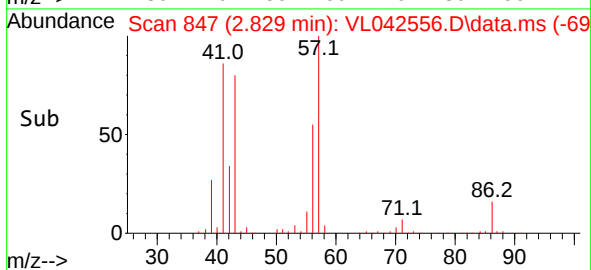
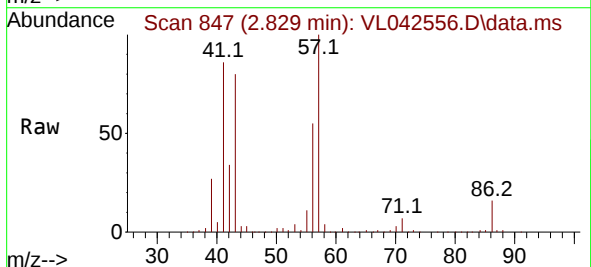
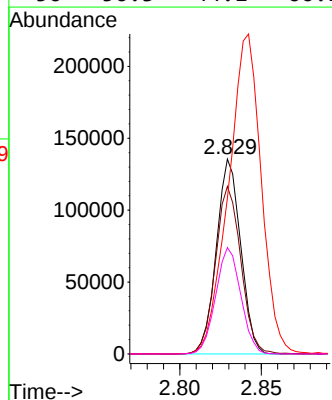
Manual Integrations
APPROVED

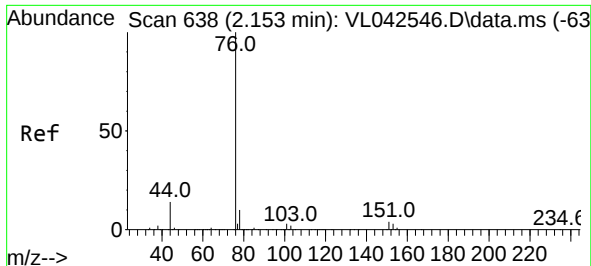
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#26
Hexane
Concen: 9.909 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

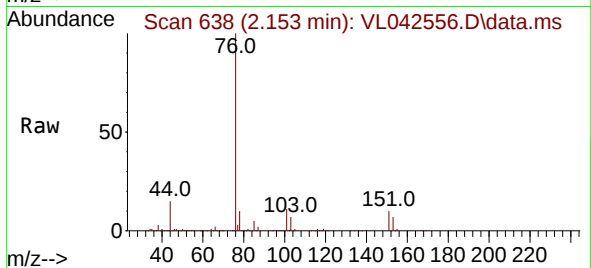
Tgt Ion: 57 Resp: 140367
Ion Ratio Lower Upper
57 100
41 90.5 69.0 103.4
43 222.1 174.2 261.2
56 56.3 44.1 66.1





#27
Carbon Disulfide
Concen: 9.280 ppbv
RT: 2.153 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

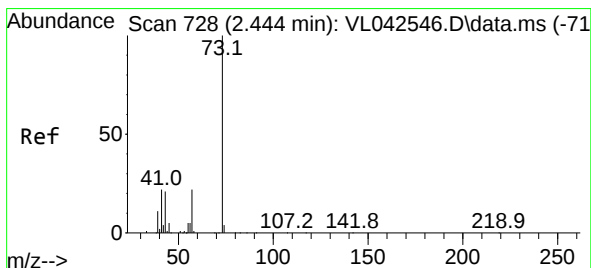
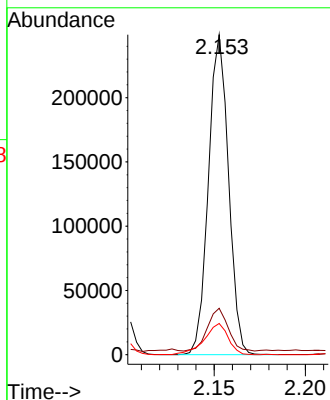
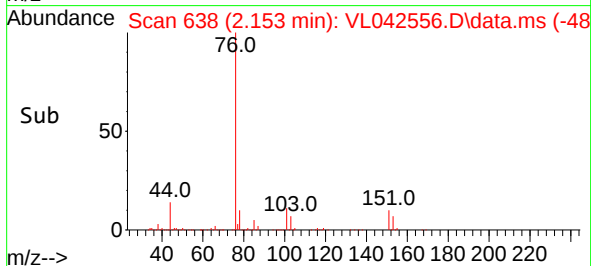
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 190415
Ion Ratio Lower Upper
76 100
44 15.6 14.0 21.0
78 11.6 9.4 14.0

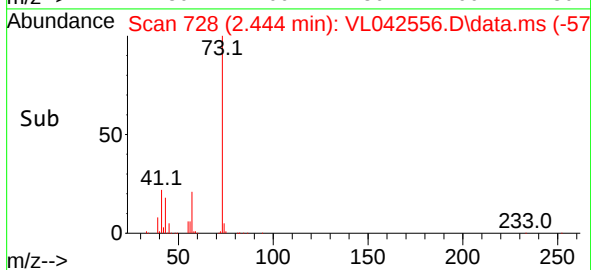
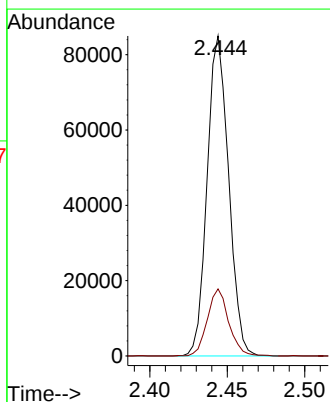
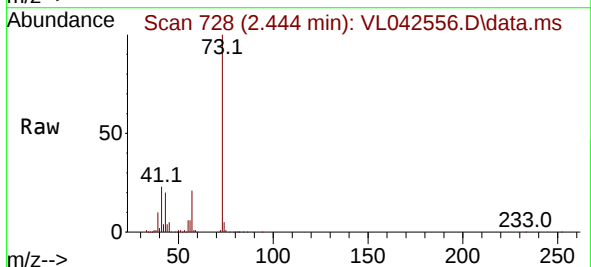
Manual Integrations
APPROVED

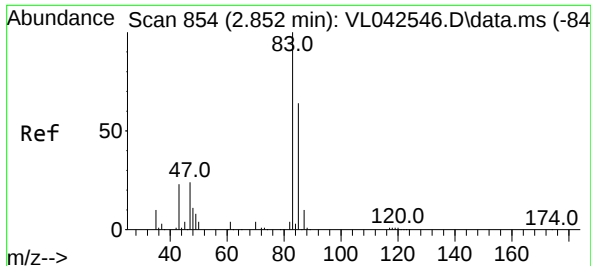
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#28
Methyl tert-Butyl Ether
Concen: 8.584 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Tgt Ion: 73 Resp: 81938
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8





#29

Chloroform

Concen: 9.485 ppbv

RT: 2.852 min Scan# 854

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 254110

Ion Ratio Lower Upper

83 100

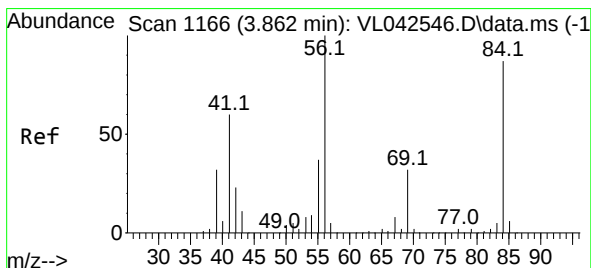
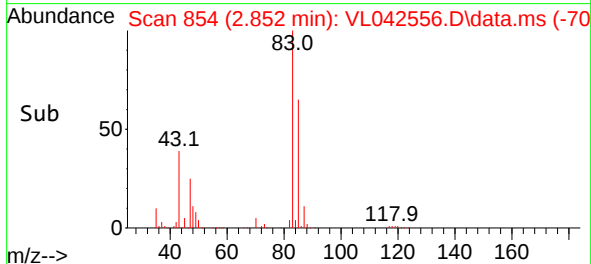
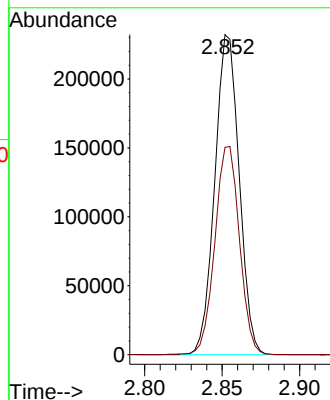
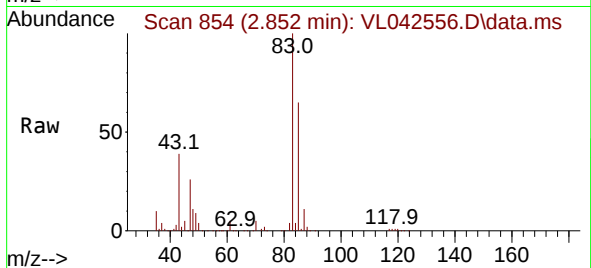
85 64.7 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#30

Cyclohexane

Concen: 10.271 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

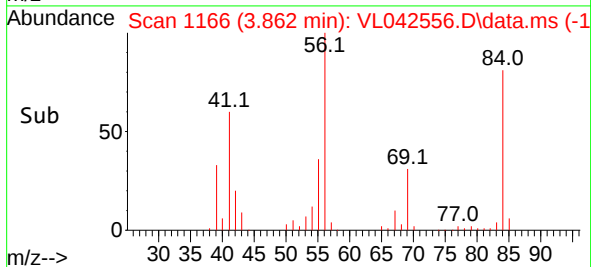
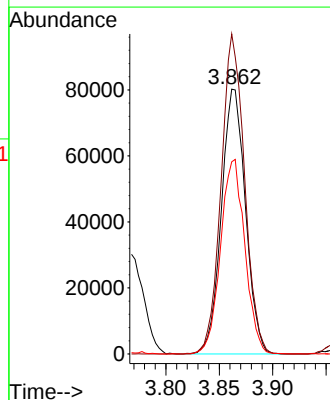
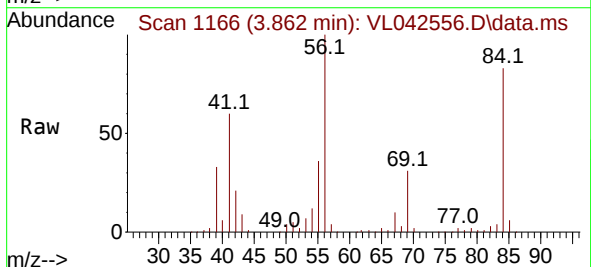
Tgt Ion: 84 Resp: 125876

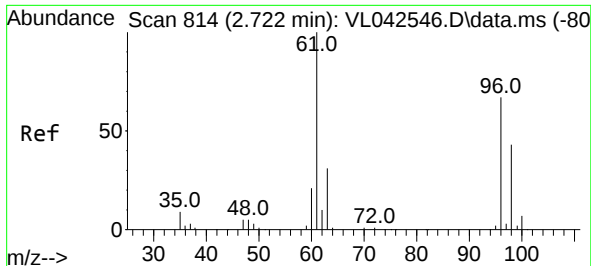
Ion Ratio Lower Upper

84 100

56 117.3 92.3 138.5

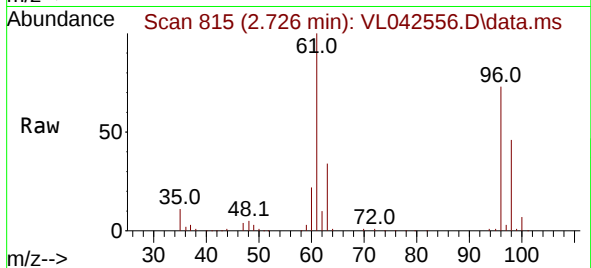
41 74.2 57.0 85.4





#31
 cis-1,2-Dichloroethene
 Concen: 9.384 ppbv
 RT: 2.726 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

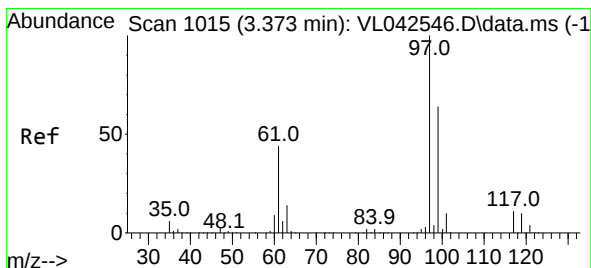
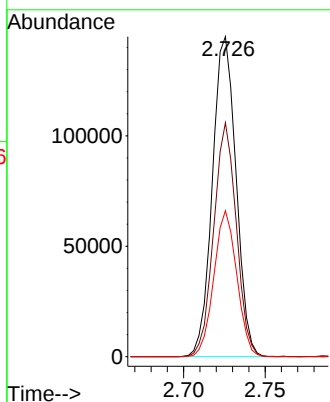
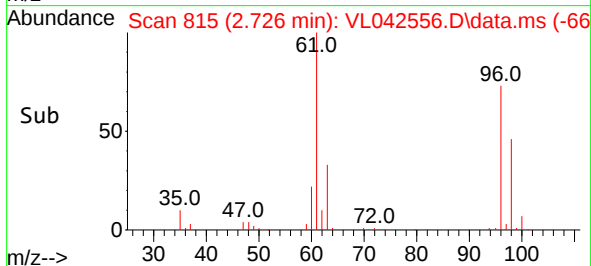
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



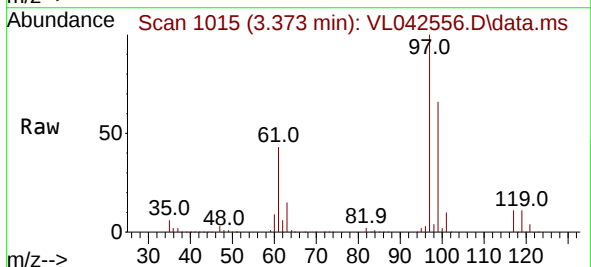
Tgt Ion: 61 Resp: 146154
 Ion Ratio Lower Upper
 61 100
 96 73.1 53.8 80.8
 98 45.6 34.5 51.7

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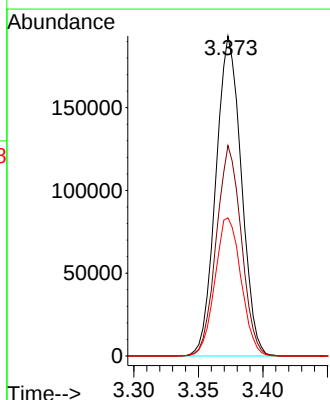
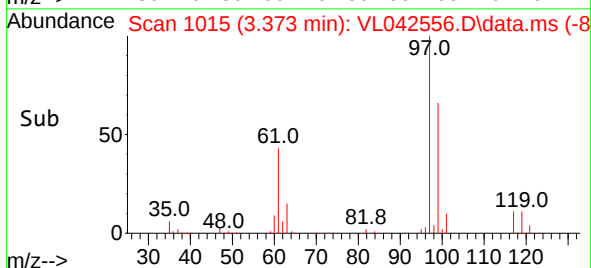
Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

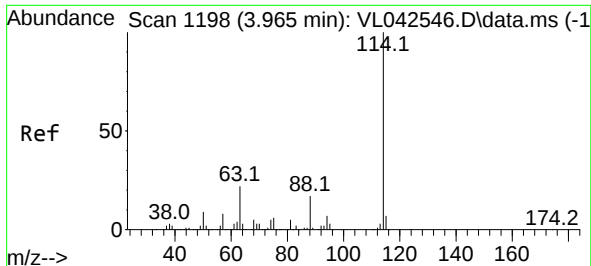


#32
 1,1,1-Trichloroethane
 Concen: 9.698 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38



Tgt Ion: 97 Resp: 265521
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.5 77.3
 61 44.3 35.7 53.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

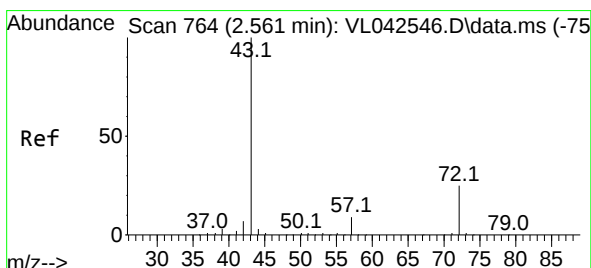
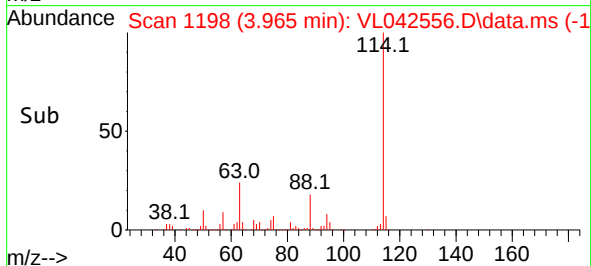
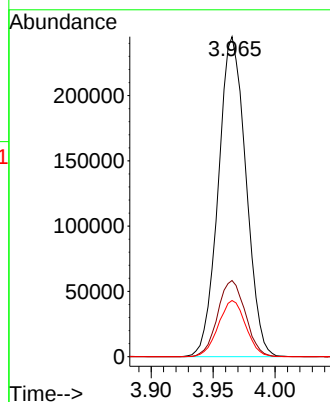
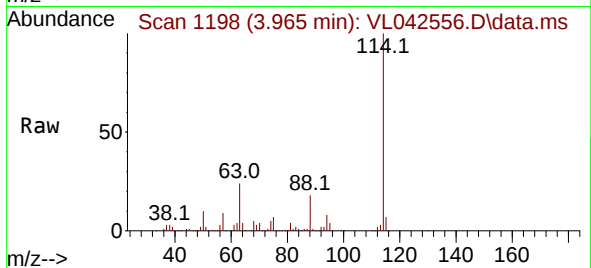
Tgt Ion:114 Resp: 380372

Ion	Ratio	Lower	Upper
114	100		
63	23.9	18.4	27.6
88	17.5	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#34

2-Butanone

Concen: 9.819 ppbv

RT: 2.561 min Scan# 764

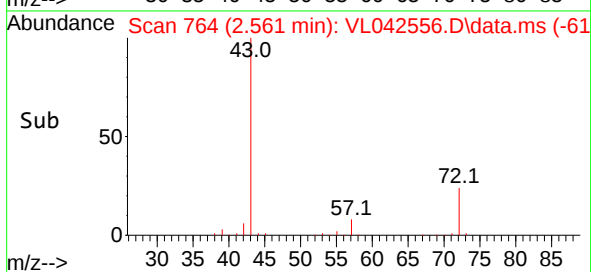
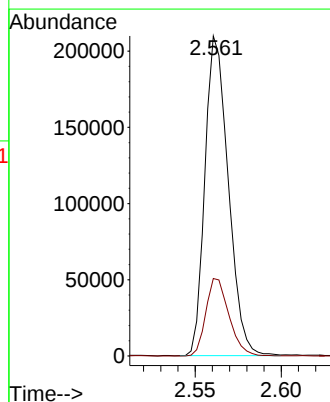
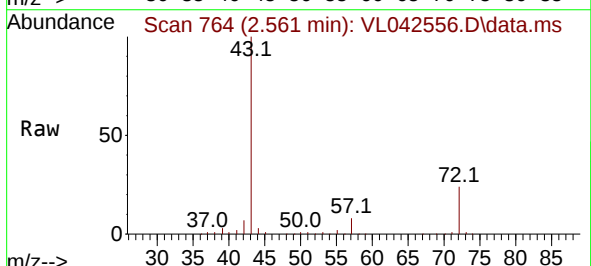
Delta R.T. -0.000 min

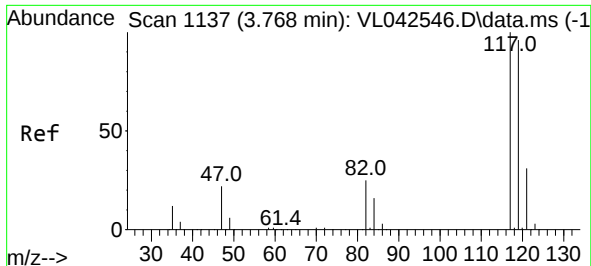
Lab File: VL042556.D

Acq: 21 May 2025 08:38

Tgt Ion: 43 Resp: 198272

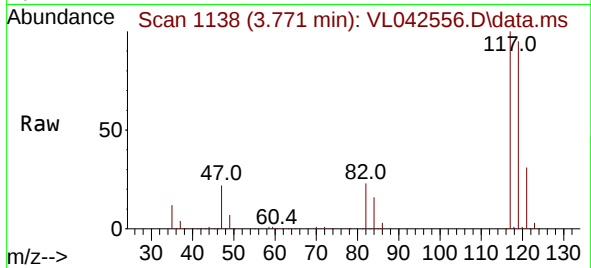
Ion	Ratio	Lower	Upper
43	100		
72	24.0	20.5	30.7





#35
Carbon Tetrachloride
Concen: 9.854 ppbv
RT: 3.771 min Scan# 1137
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

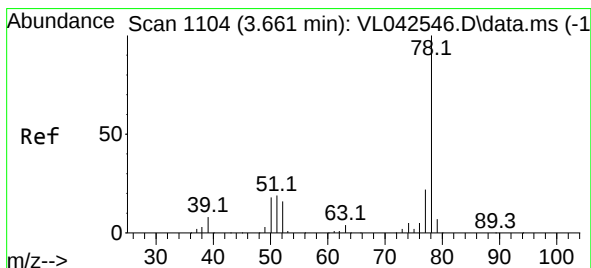
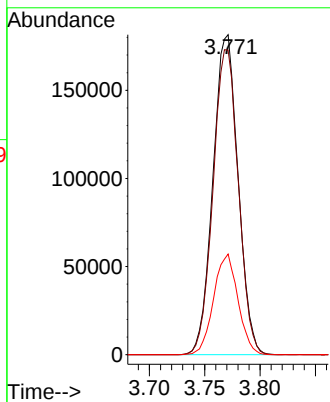
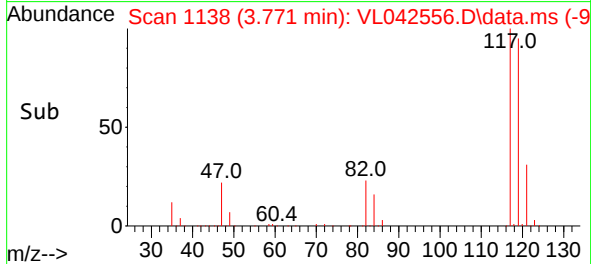
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



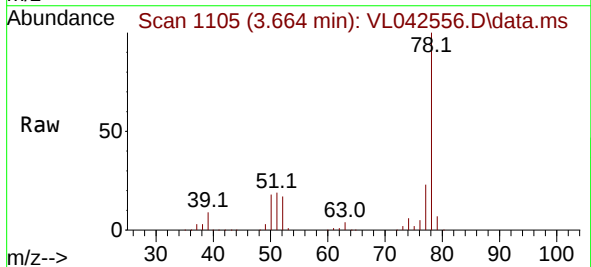
Tgt Ion: 117 Resp: 28657
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
121 31.5 24.7 37.1

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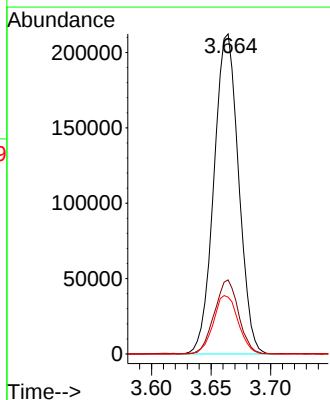
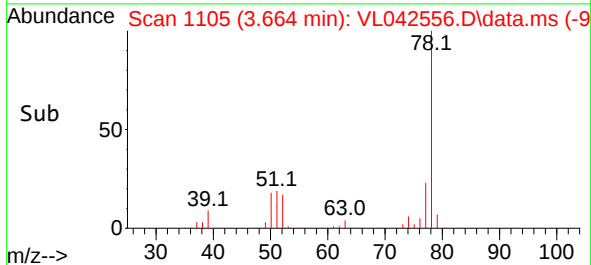
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

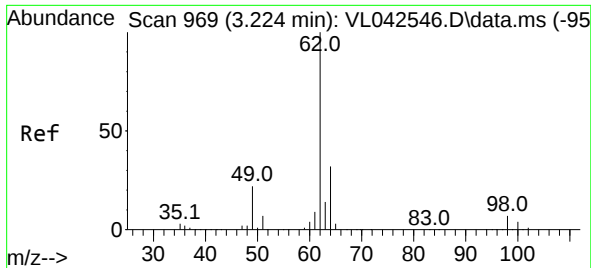


#36
Benzene
Concen: 9.920 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



Tgt Ion: 78 Resp: 305366
Ion Ratio Lower Upper
78 100
77 23.1 17.8 26.6
50 17.8 14.0 21.0





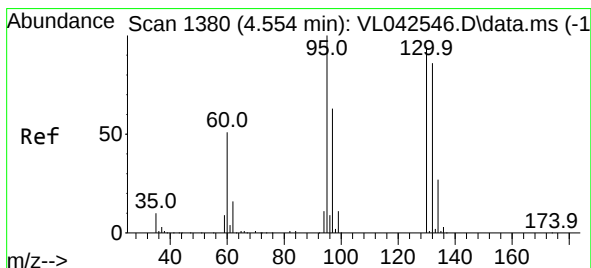
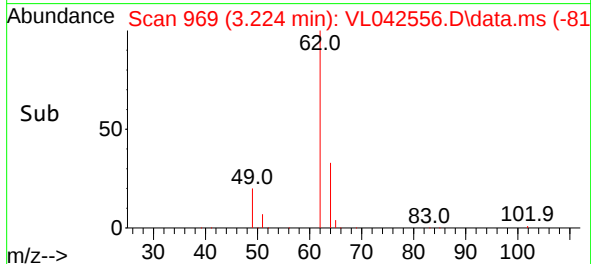
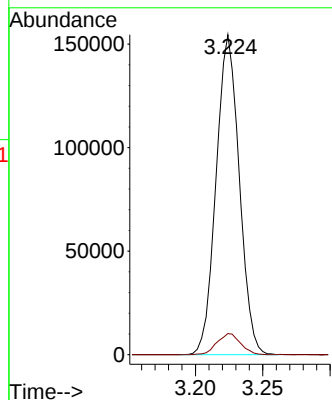
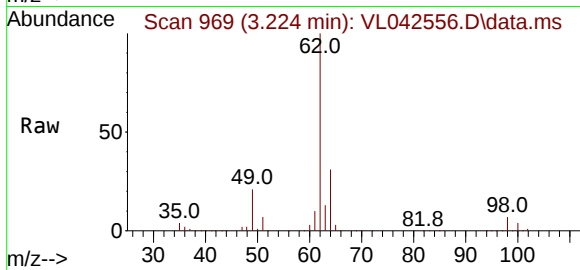
#37
1,2-Dichloroethane
Concen: 9.822 ppbv
RT: 3.224 min Scan# 969
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 184739
Ion Ratio Lower Upper
62 100
98 6.7 5.5 8.3

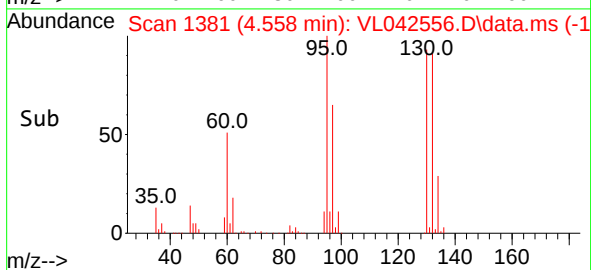
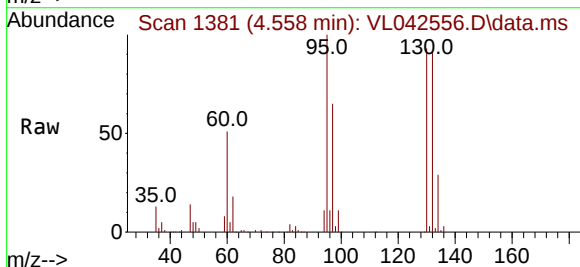
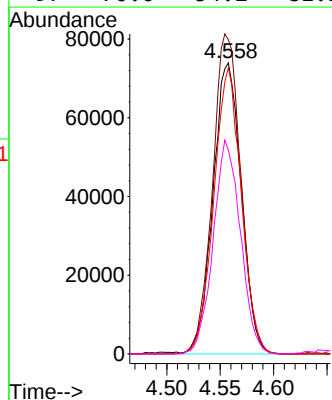
Manual Integrations
APPROVED

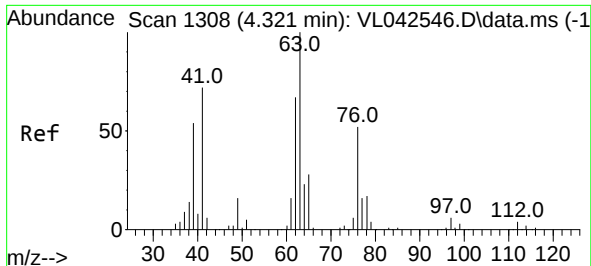
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#38
Trichloroethene
Concen: 9.704 ppbv
RT: 4.558 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Tgt Ion:130 Resp: 136329
Ion Ratio Lower Upper
130 100
95 108.0 85.2 127.8
132 98.4 73.4 110.2
97 70.0 54.2 81.2





#39

1,2-Dichloropropane

Concen: 9.839 ppbv

RT: 4.321 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 10630

Ion Ratio Lower Upper

63 100

41 76.4 58.0 87.0

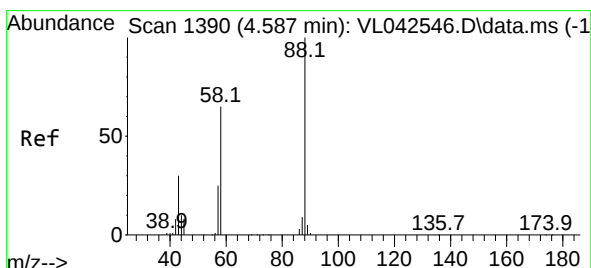
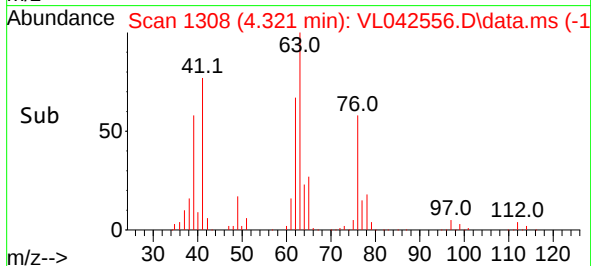
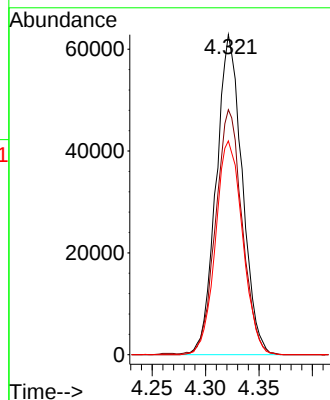
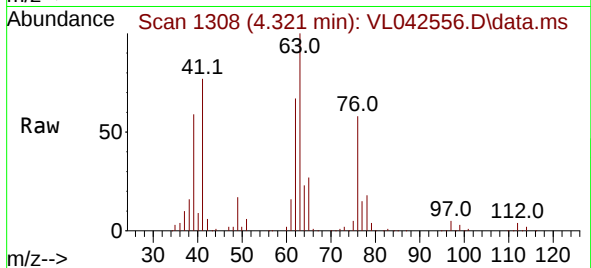
62 66.8 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#40

1,4-Dioxane

Concen: 10.382 ppbv

RT: 4.593 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Tgt Ion: 88 Resp: 50173

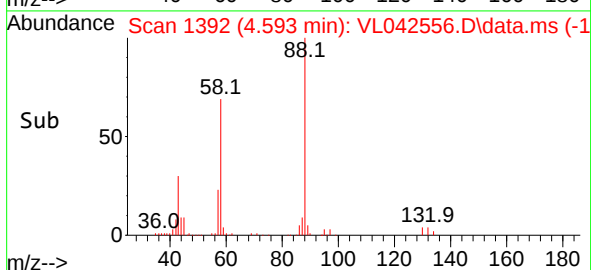
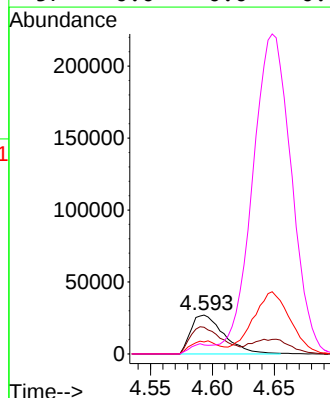
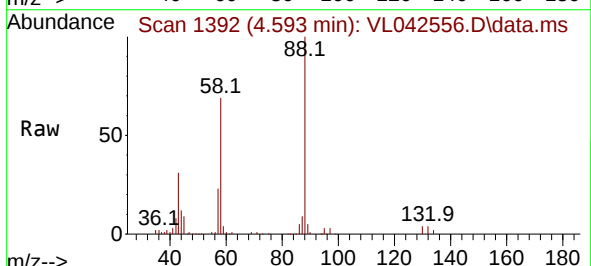
Ion Ratio Lower Upper

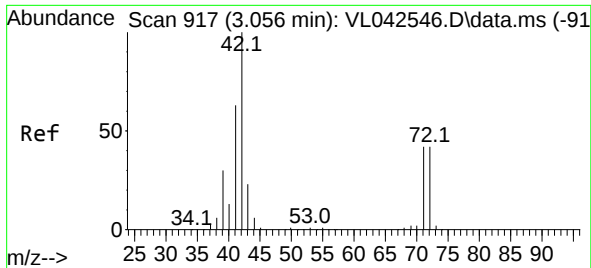
88 100

58 67.3 52.8 79.2

43 30.4 23.0 34.4

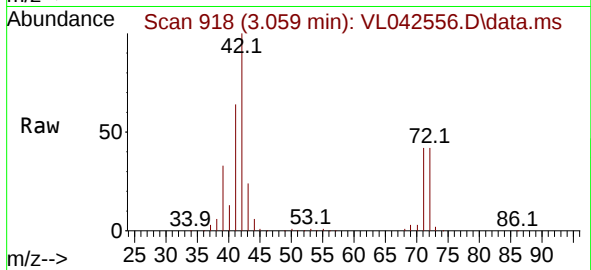
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.497 ppbv
RT: 3.059 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

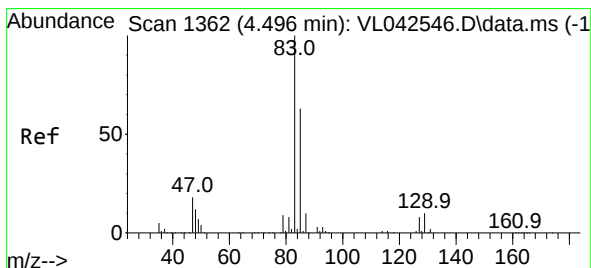
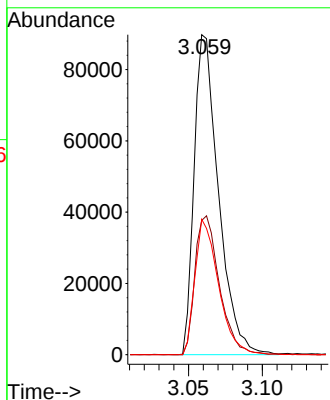
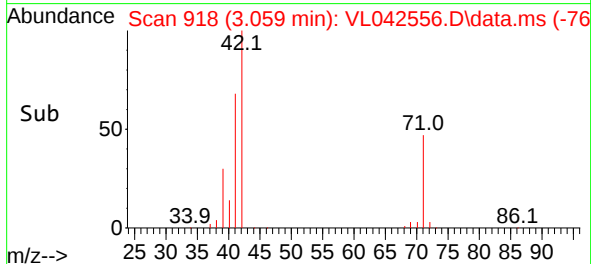
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



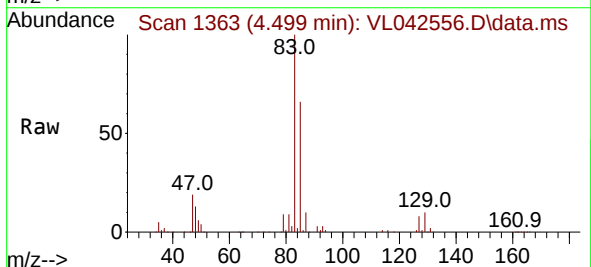
Tgt Ion: 42 Resp: 103320
Ion Ratio Lower Upper
42 100
72 43.6 34.8 52.2
71 41.1 33.6 50.4

Manual Integrations
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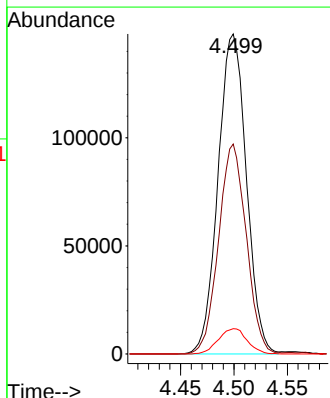
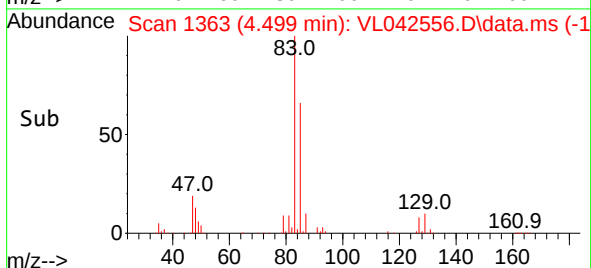
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

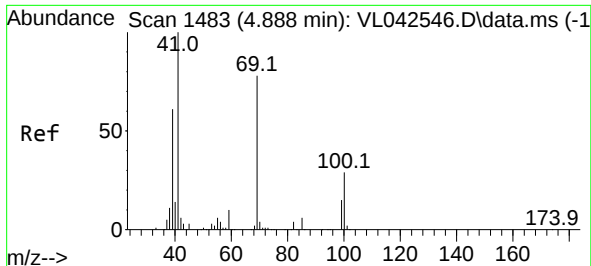


#42
Bromodichloromethane
Concen: 10.309 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



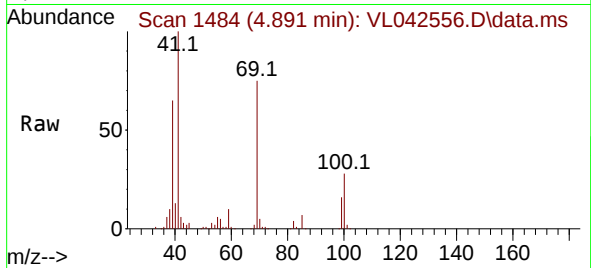
Tgt Ion: 83 Resp: 273206
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6
127 7.9 6.5 9.7





#43
Methyl Methacrylate
Concen: 10.813 ppbv
RT: 4.891 min Scan# 1484
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

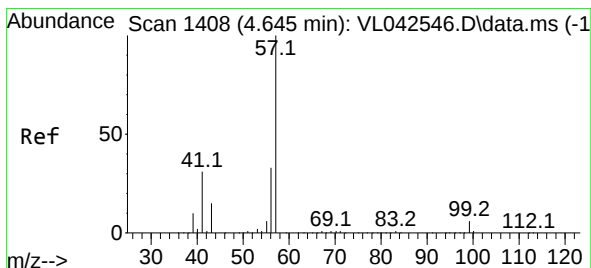
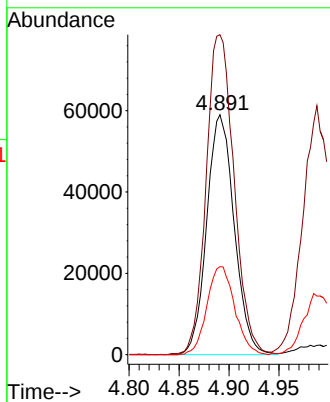
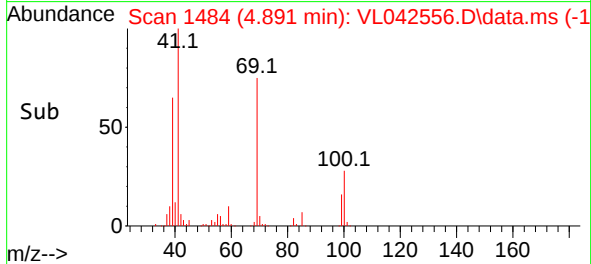
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



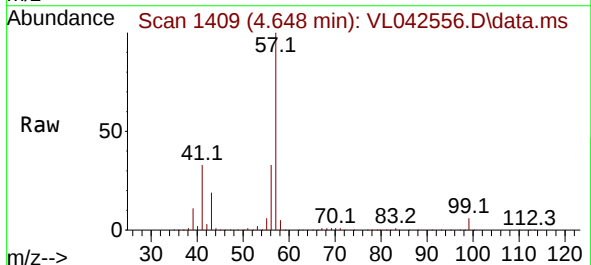
Tgt Ion: 69 Resp: 11295
Ion Ratio Lower Upper
69 100
41 135.5 107.8 161.8
100 37.0 30.3 45.5

Manual Integrations
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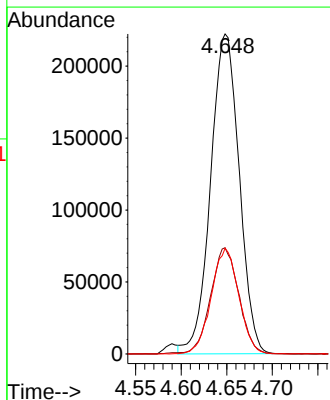
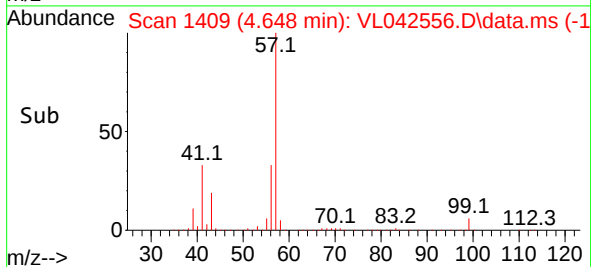
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

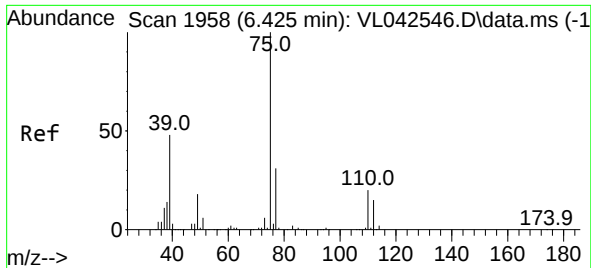


#44
2,2,4-Trimethylpentane
Concen: 10.285 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



Tgt Ion: 57 Resp: 485551
Ion Ratio Lower Upper
57 100
41 32.9 25.0 37.4
56 31.9 25.1 37.7





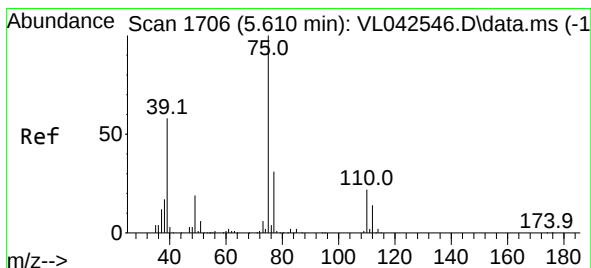
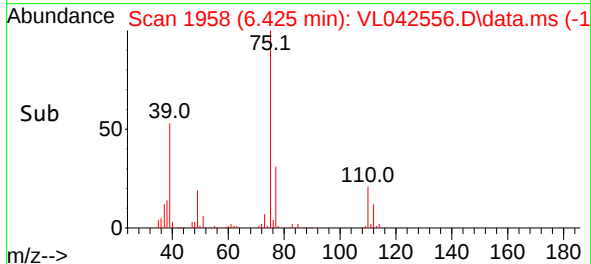
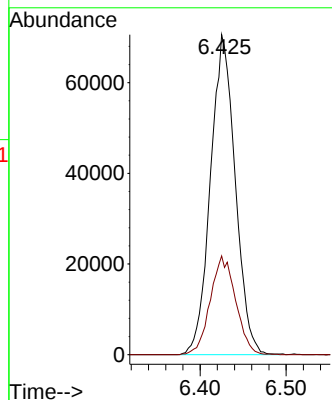
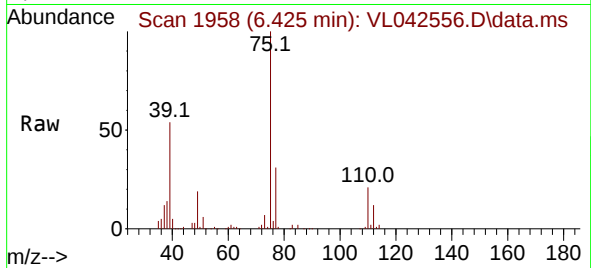
#45
 t-1,3-Dichloropropene
 Concen: 10.596 ppbv
 RT: 6.425 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 14118
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0

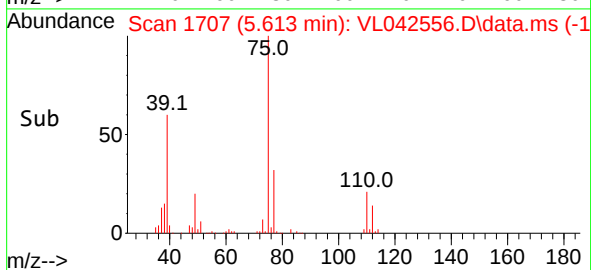
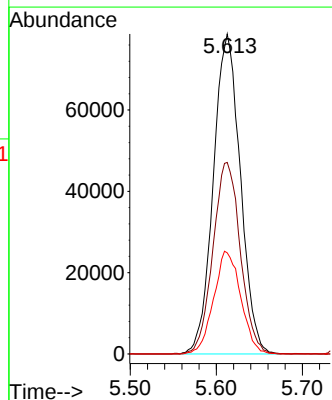
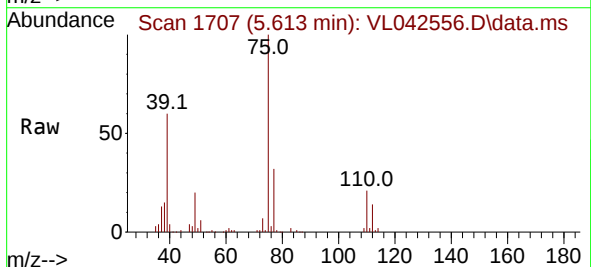
Manual Integrations
 APPROVED

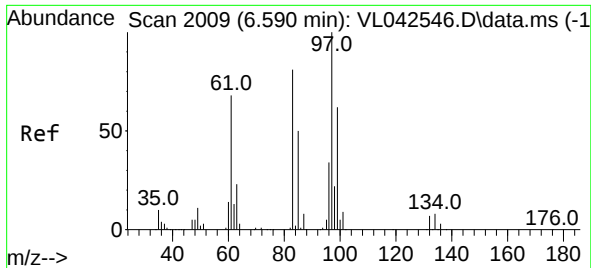
Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.599 ppbv
 RT: 5.613 min Scan# 1707
 Delta R.T. 0.003 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

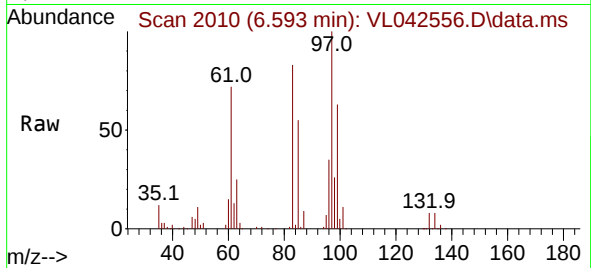
Tgt Ion: 75 Resp: 171752
 Ion Ratio Lower Upper
 75 100
 39 59.9 46.3 69.5
 77 31.6 25.0 37.6





#47
1,1,2-Trichloroethane
Concen: 9.948 ppbv
RT: 6.593 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

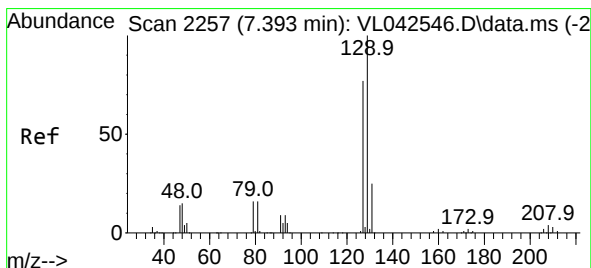
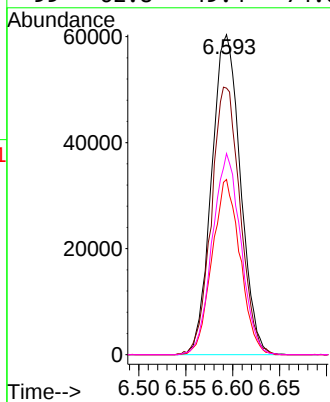
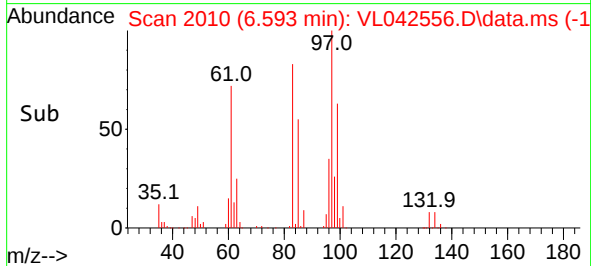
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 128750
Ion Ratio Lower Upper
97 100
83 83.2 65.0 97.4
85 54.8 39.9 59.9
99 62.8 49.4 74.0

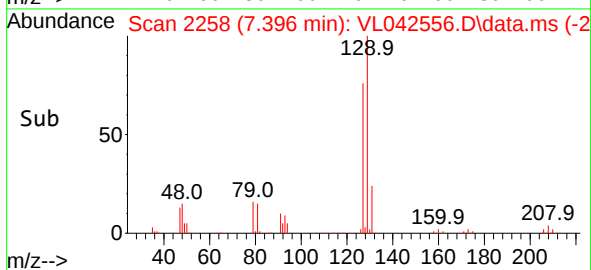
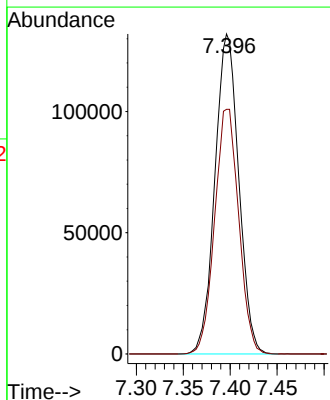
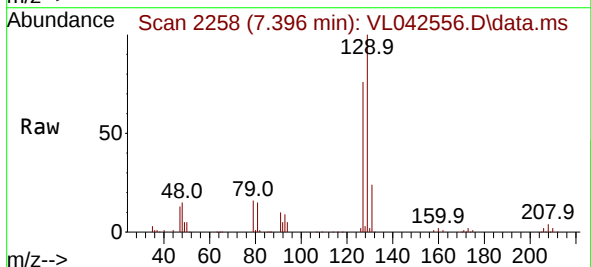
Manual Integrations
APPROVED

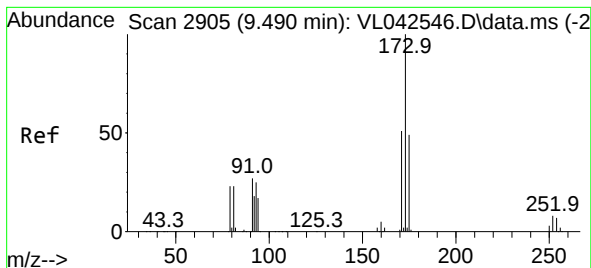
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#48
Dibromochloromethane
Concen: 10.406 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Tgt Ion:129 Resp: 233076
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





#49

Bromoform

Concen: 10.559 ppbv

RT: 9.490 min Scan# 2905

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

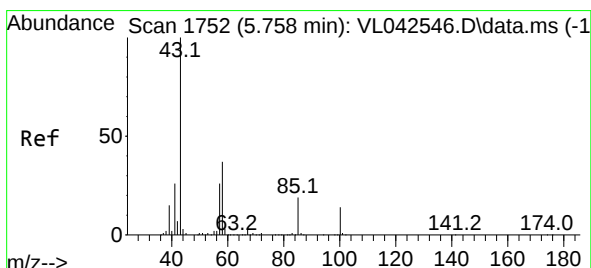
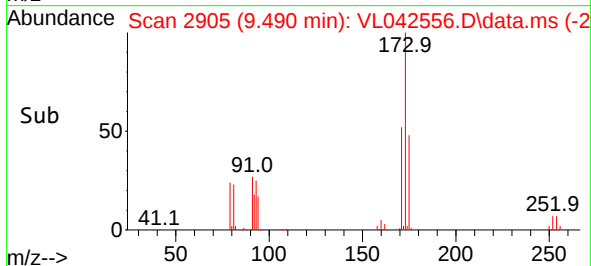
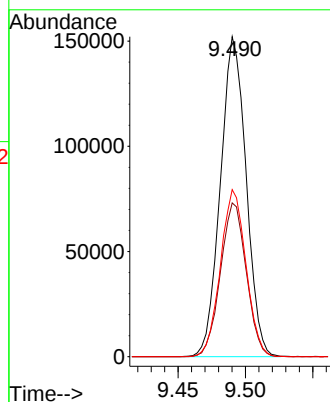
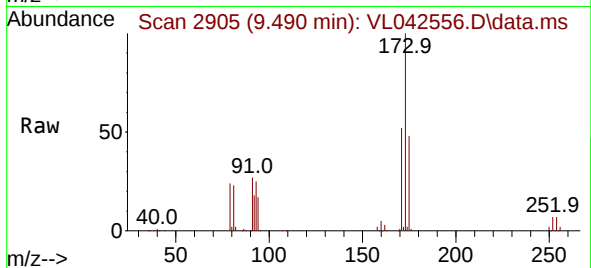
VSTDCCC010

Tgt Ion:173 Resp: 201858
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.2 58.8
 171 51.8 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#50

4-Methyl-2-Pentanone

Concen: 10.854 ppbv

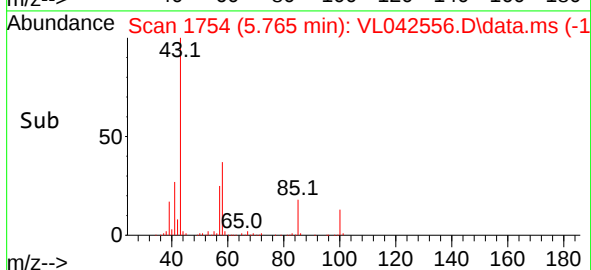
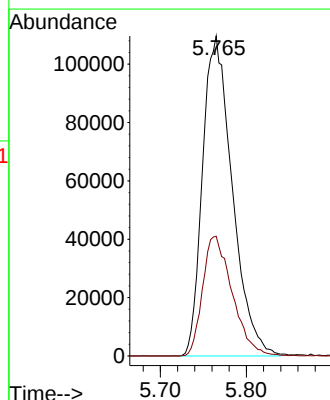
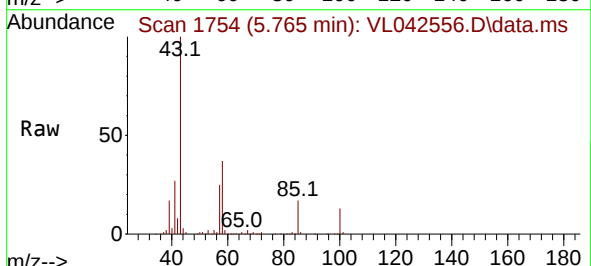
RT: 5.765 min Scan# 1754

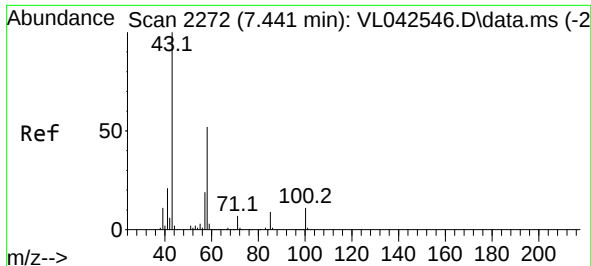
Delta R.T. 0.006 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

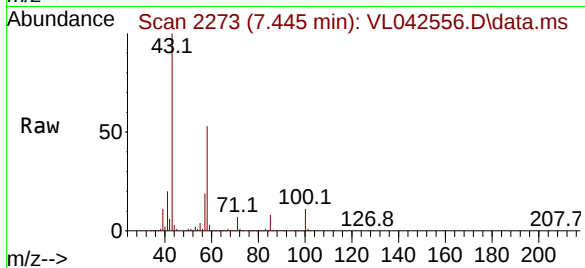
Tgt Ion: 43 Resp: 262963
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.0 45.0





#51
2-Hexanone
Concen: 11.790 ppbv
RT: 7.445 min Scan# 210670
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

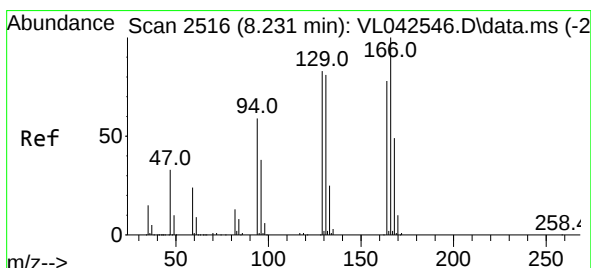
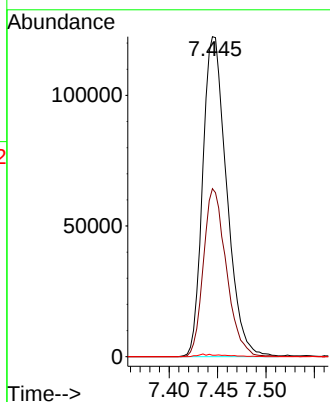
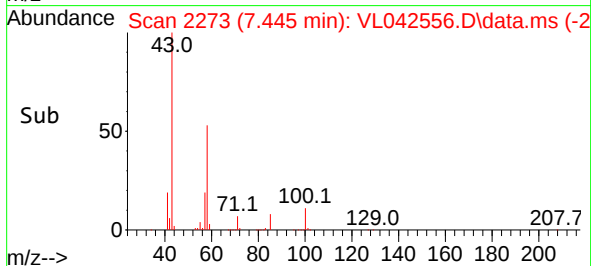
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



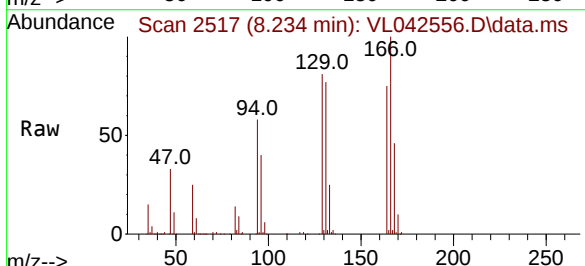
Tgt Ion: 43 Resp: 210670
Ion Ratio Lower Upper
43 100
58 50.3 41.4 62.2
98 0.9 0.4 0.6

Manual Integrations
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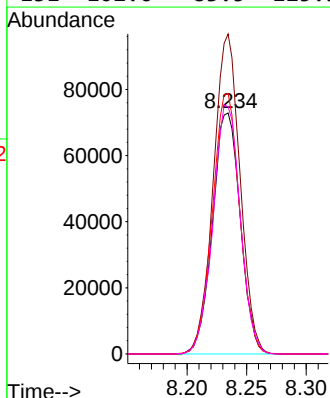
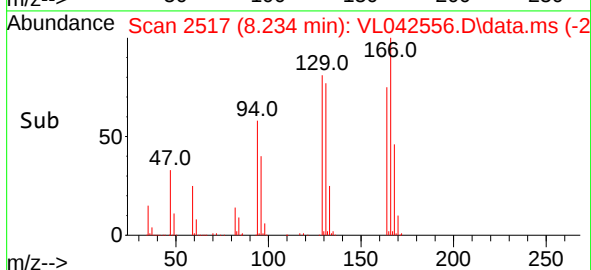
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

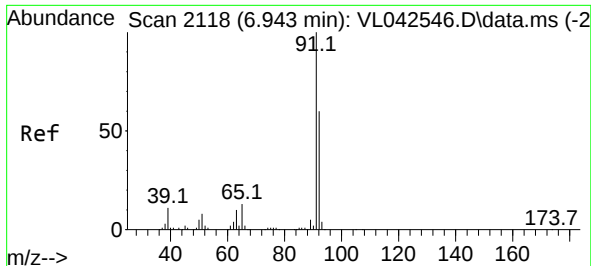


#52
Tetrachloroethene
Concen: 9.828 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



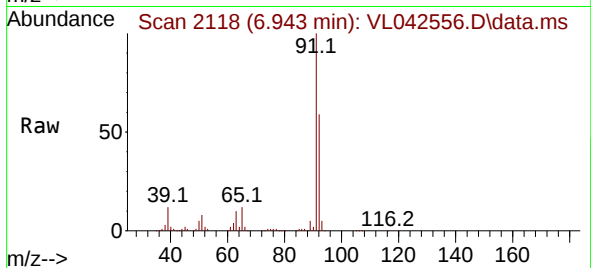
Tgt Ion:164 Resp: 117979
Ion Ratio Lower Upper
164 100
166 132.8 103.1 154.7
129 108.0 85.3 127.9
131 102.6 83.5 125.3





#53
Toluene
Concen: 10.591 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

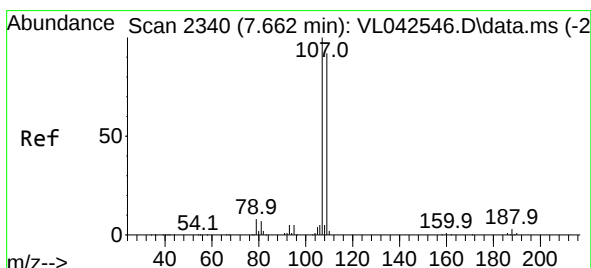
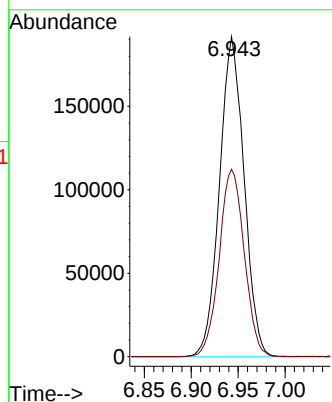
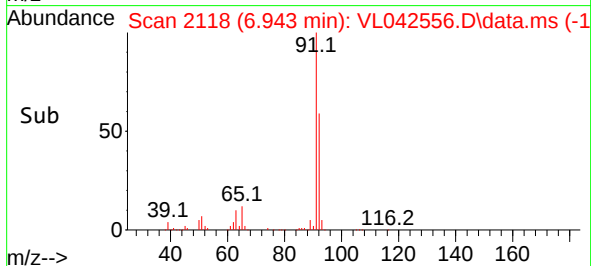
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



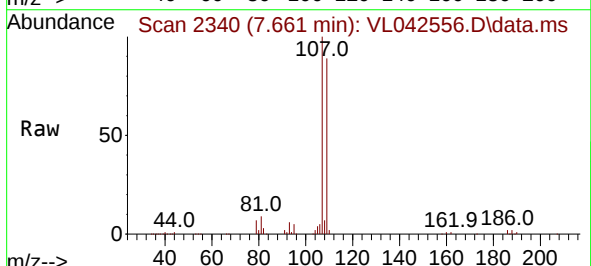
Tgt Ion: 91 Resp: 34848
Ion Ratio Lower Upper
91 100
92 59.8 47.8 71.8

Manual Integrations
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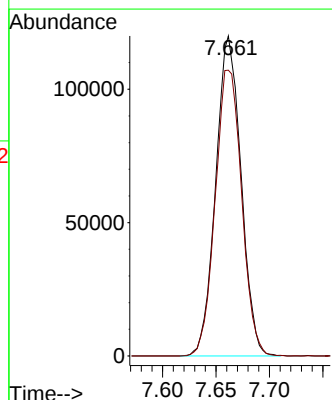
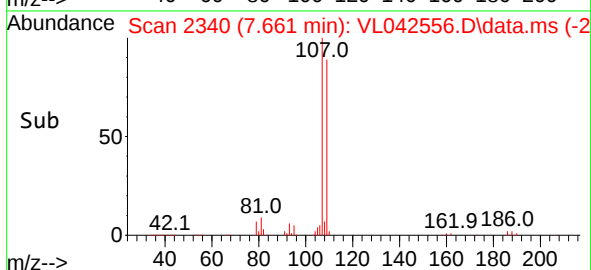
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

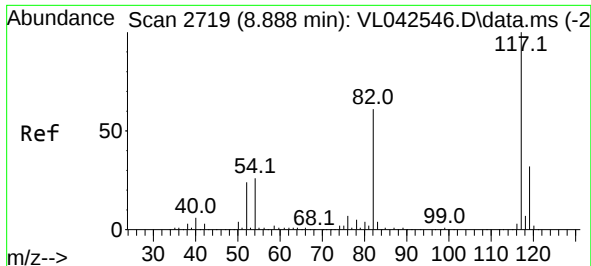


#54
1,2-Dibromoethane
Concen: 10.493 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



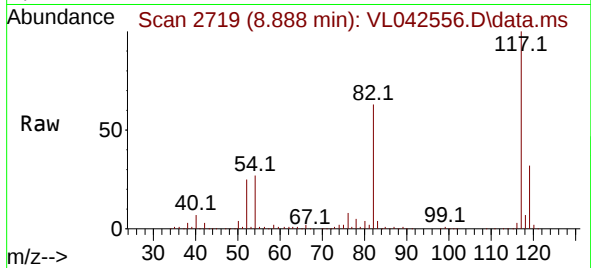
Tgt Ion:107 Resp: 197880
Ion Ratio Lower Upper
107 100
109 89.3 73.4 110.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

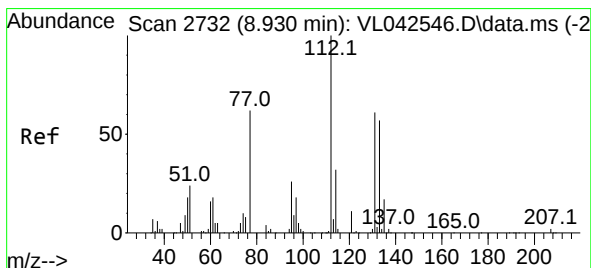
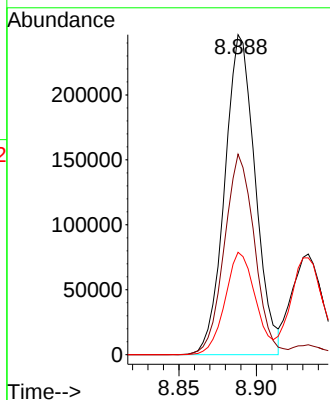
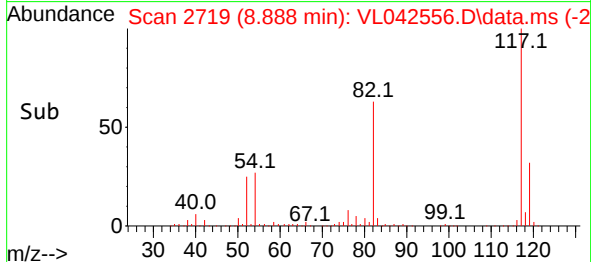
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



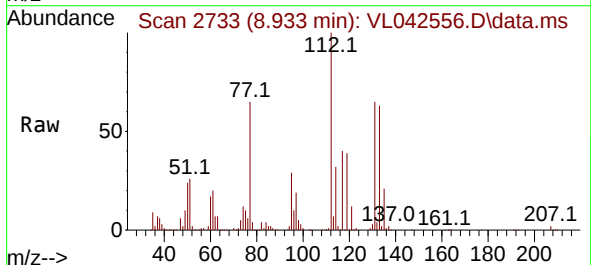
Tgt Ion:117 Resp: 338510
Ion Ratio Lower Upper
117 100
82 65.1 51.0 76.4
119 31.9 27.0 40.4

Manual Integrations
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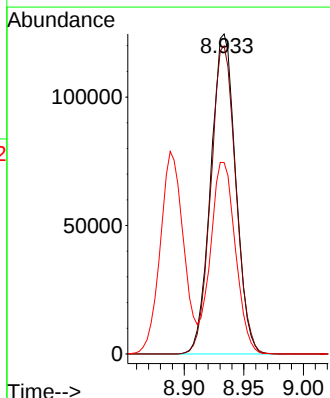
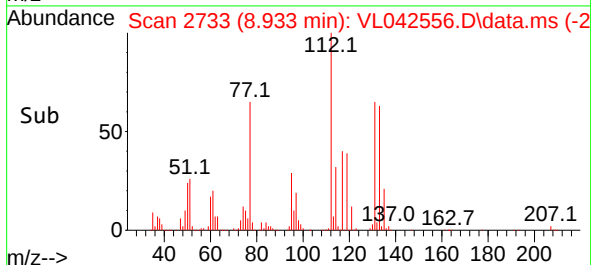
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

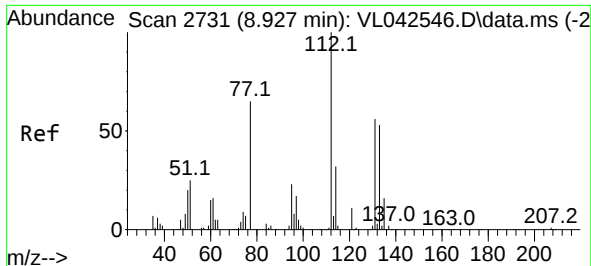


#56
1,1,1,2-Tetrachloroethane
Concen: 10.042 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



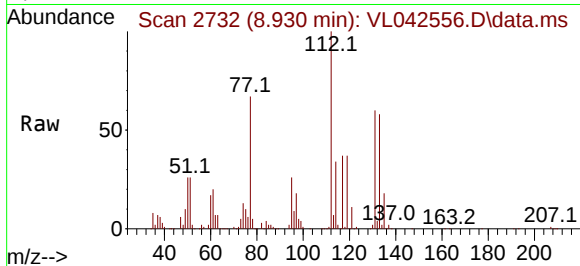
Tgt Ion:131 Resp: 181241
Ion Ratio Lower Upper
131 100
133 96.4 76.3 114.5
119 60.9 47.5 71.3





#57
Chlorobenzene
Concen: 9.819 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

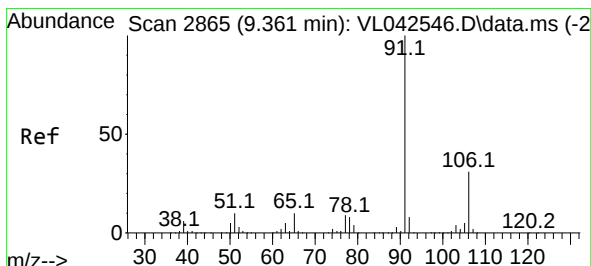
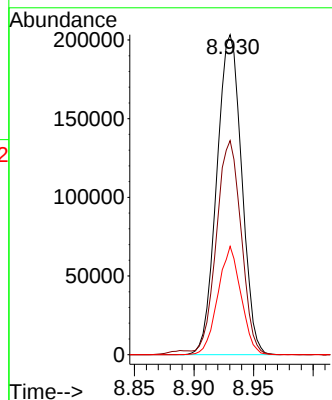
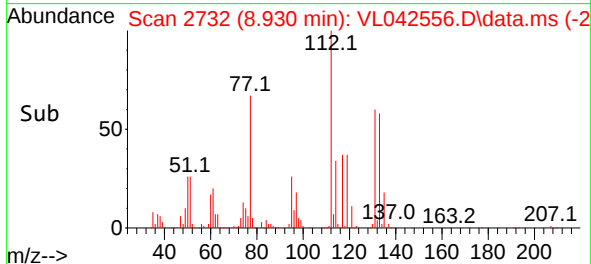
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



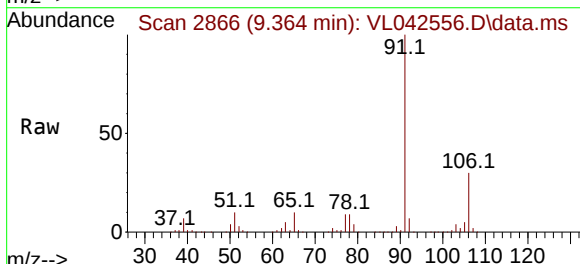
Tgt Ion:112 Resp: 296074
Ion Ratio Lower Upper
112 100
77 66.9 53.2 79.8
114 33.9 28.4 34.8

Manual Integrations
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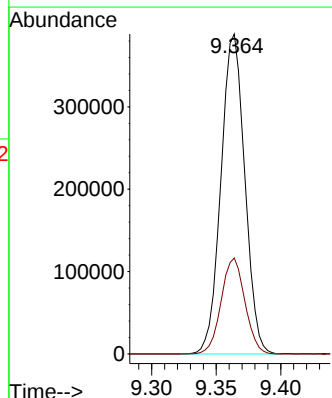
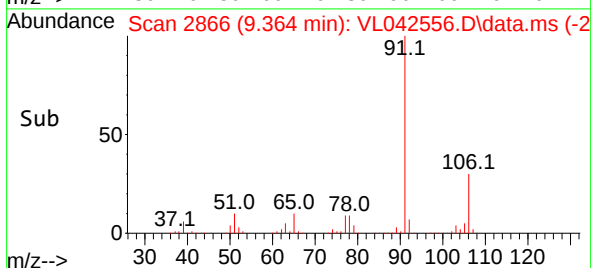
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

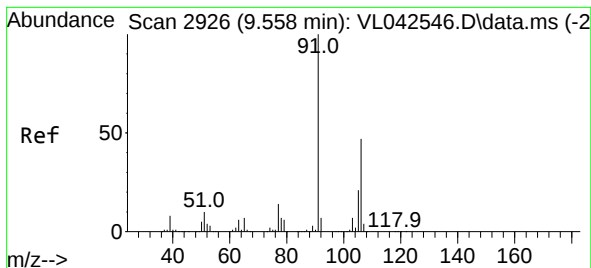


#58
Ethyl Benzene
Concen: 11.241 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



Tgt Ion: 91 Resp: 498152
Ion Ratio Lower Upper
91 100
106 30.0 24.6 37.0





#59

m/p-Xylene

Concen: 22.321 ppbv m

RT: 9.558 min Scan# 29

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 844634

Ion Ratio Lower Upper

91 100

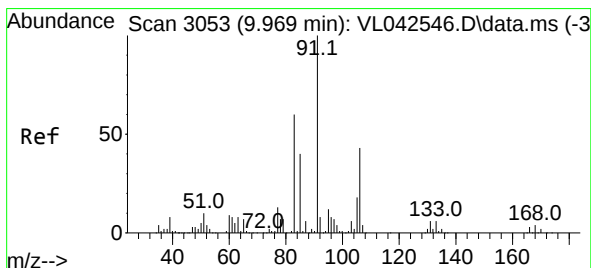
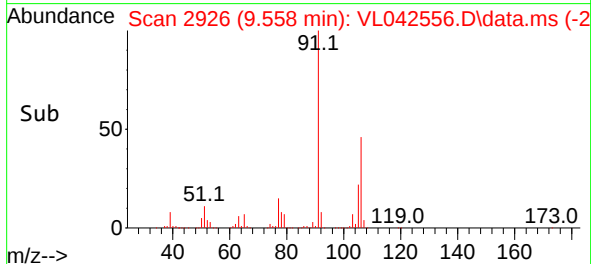
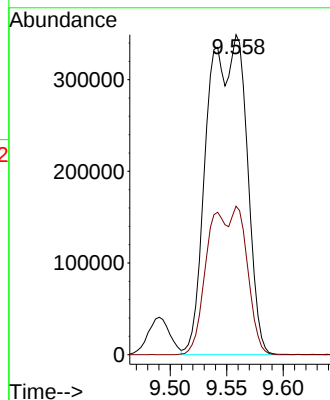
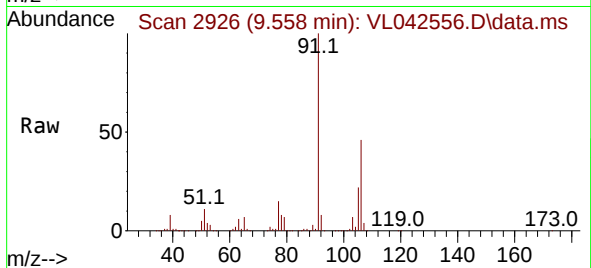
106 45.9 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#60

o-Xylene

Concen: 11.316 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VL042556.D

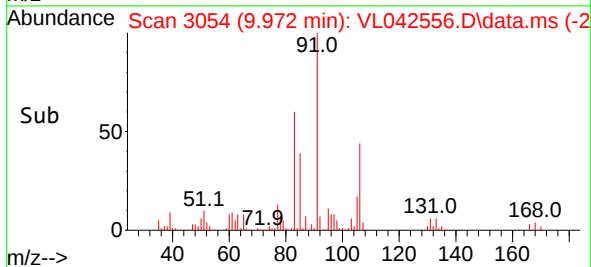
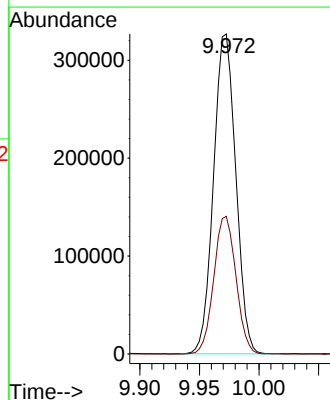
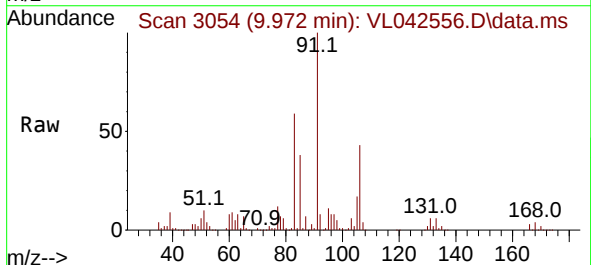
Acq: 21 May 2025 08:38

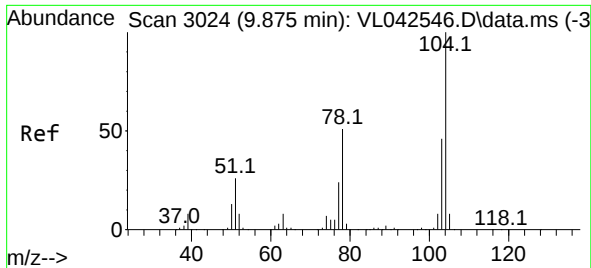
Tgt Ion: 91 Resp: 424136

Ion Ratio Lower Upper

91 100

106 42.9 21.6 64.8





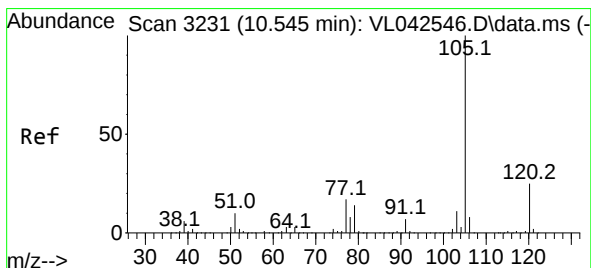
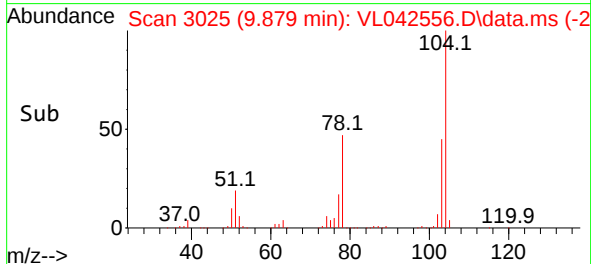
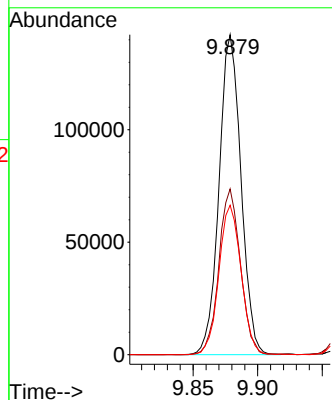
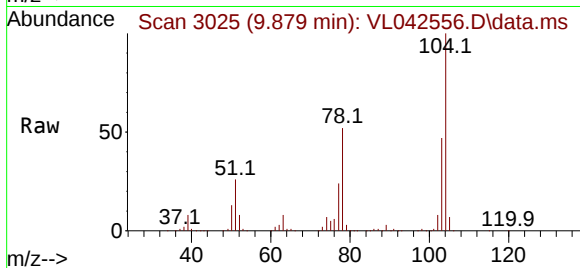
#61
Styrene
Concen: 11.700 ppbv
RT: 9.879 min Scan# 3024
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 16806
Ion Ratio Lower Upper
104 100
78 50.9 39.2 58.8
103 47.4 37.1 55.7

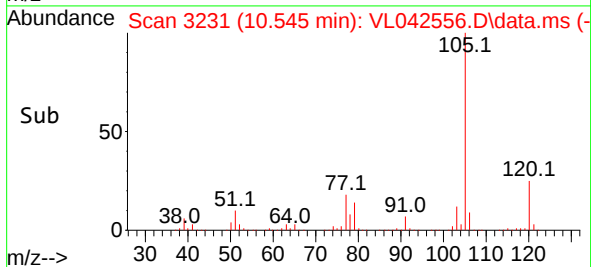
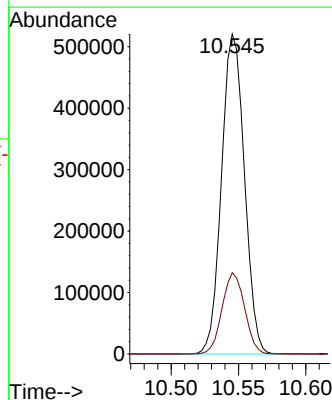
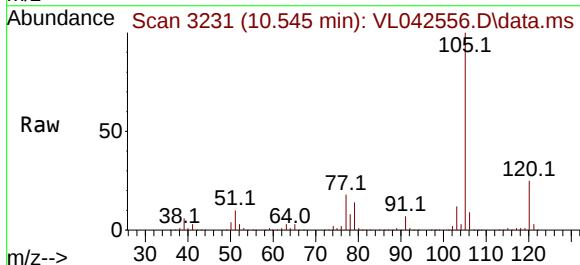
Manual Integrations
APPROVED

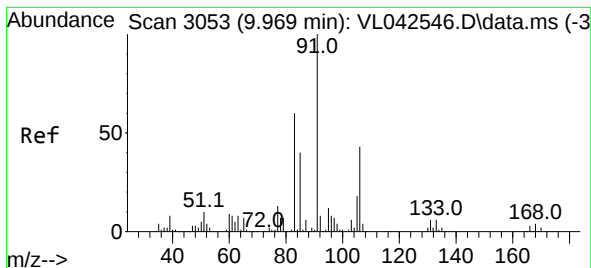
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#62
Isopropylbenzene
Concen: 10.727 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Tgt Ion:105 Resp: 615158
Ion Ratio Lower Upper
105 100
120 24.9 20.0 30.0





#63

1,1,2,2-Tetrachloroethane

Concen: 10.136 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

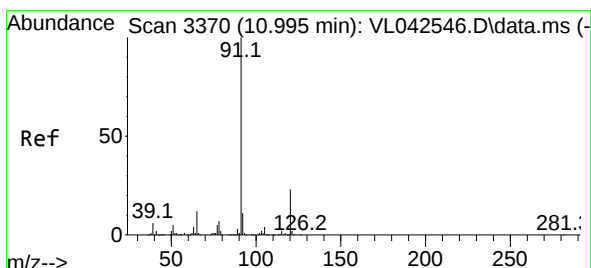
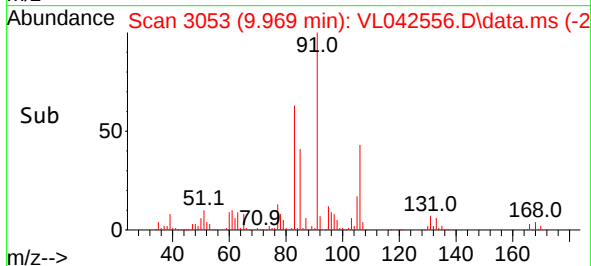
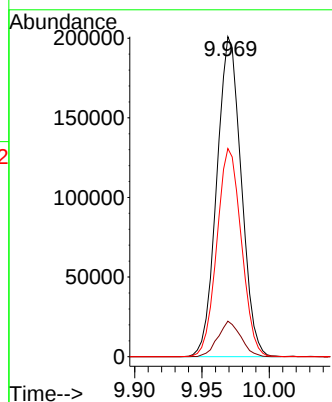
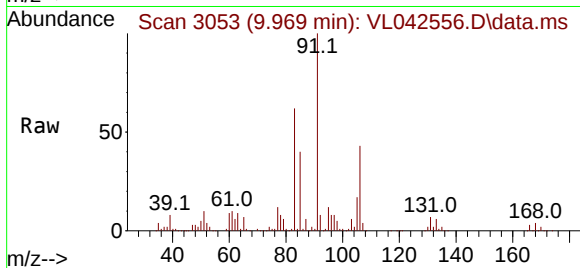
VSTDCCC010

Tgt Ion:	83	Resp:	25386
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	65.2	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#64

n-propylbenzene

Concen: 11.331 ppbv

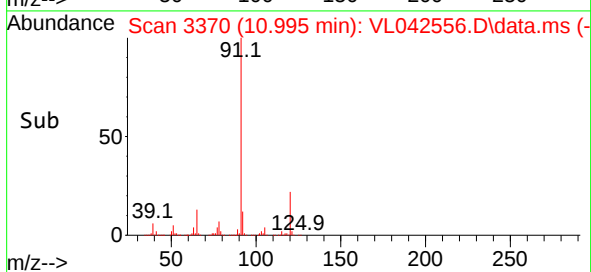
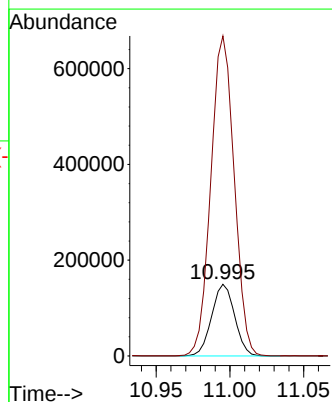
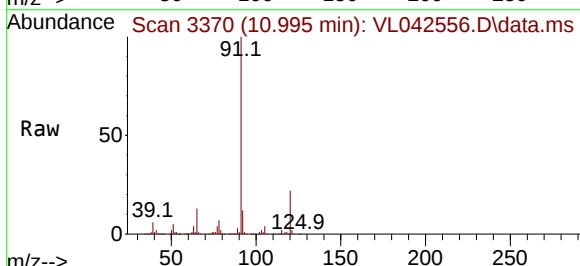
RT: 10.995 min Scan# 3370

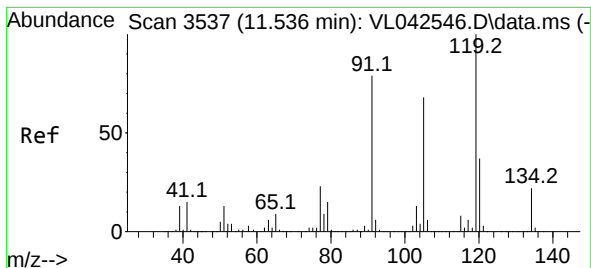
Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Tgt Ion:	120	Resp:	161857
Ion	Ratio	Lower	Upper
120	100		
91	455.2	367.0	550.4





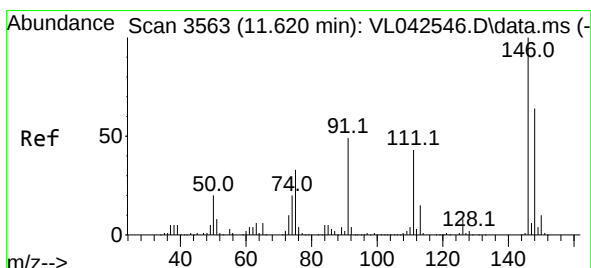
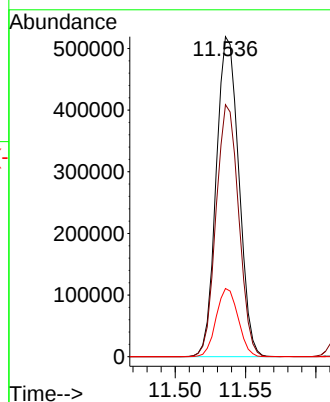
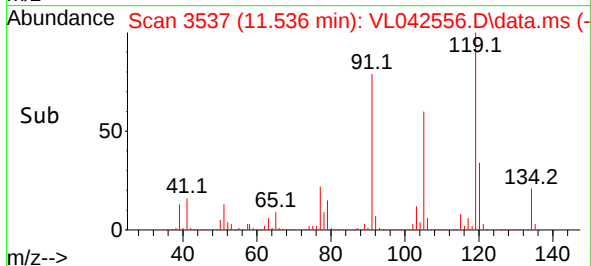
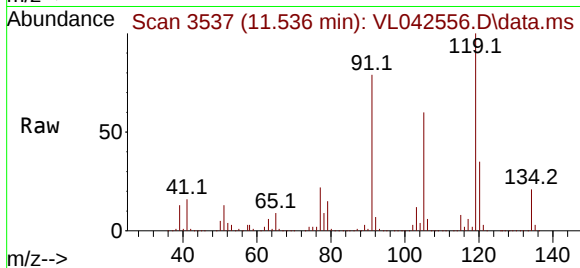
#65
tert-Butylbenzene
Concen: 11.259 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 580760
Ion Ratio Lower Upper
119 100
91 78.9 62.7 94.1
134 20.7 16.8 25.2

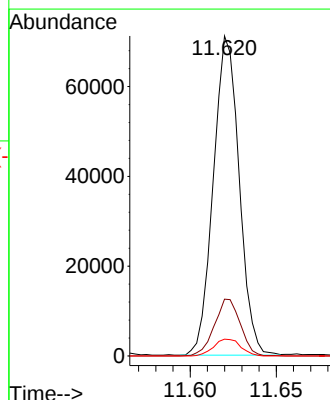
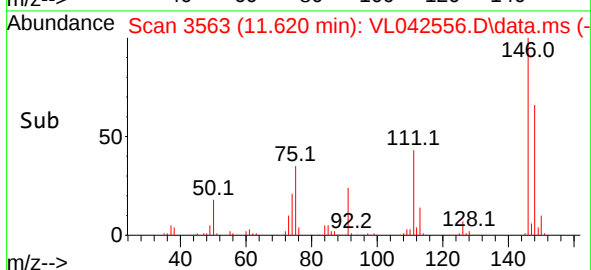
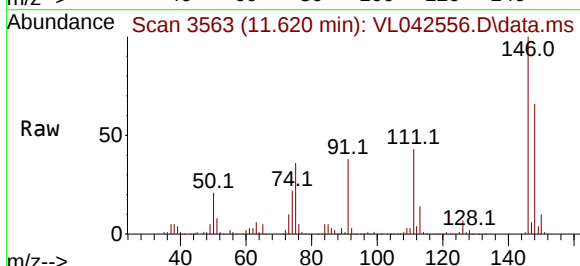
Manual Integrations
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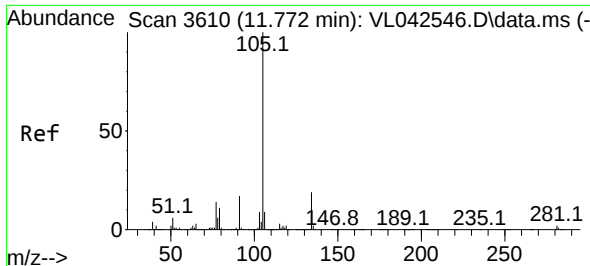
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#66
Benzyl Chloride
Concen: 11.492 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

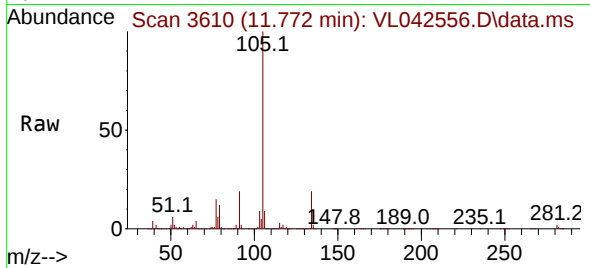
Tgt Ion: 91 Resp: 74168
Ion Ratio Lower Upper
91 100
126 17.9 14.2 21.2
128 5.5 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.898 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

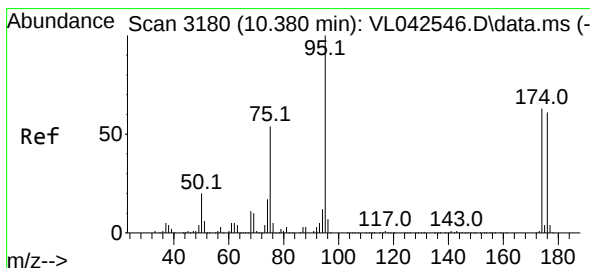
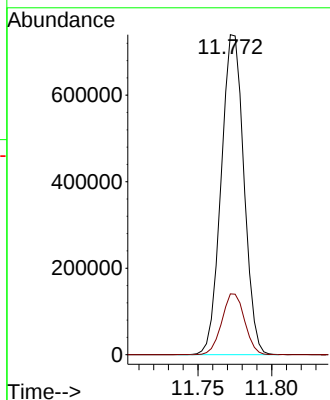
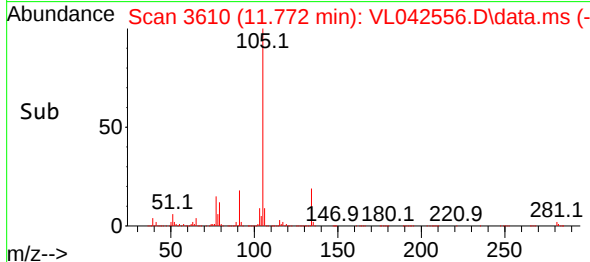
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 79352
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.2

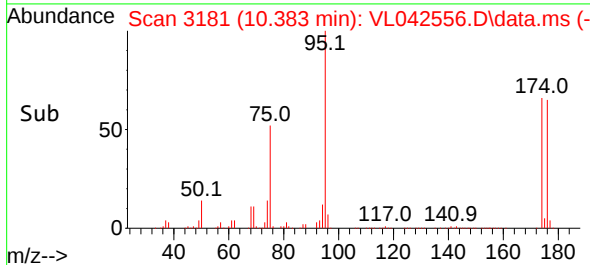
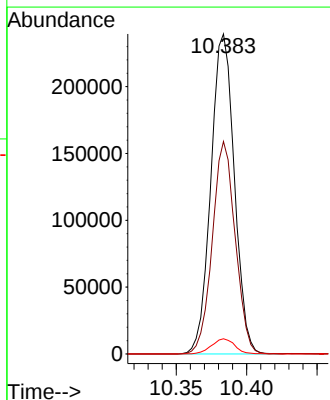
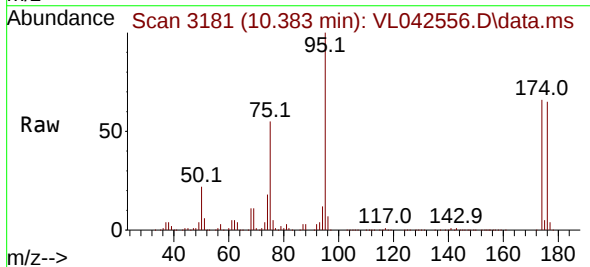
Manual Integrations
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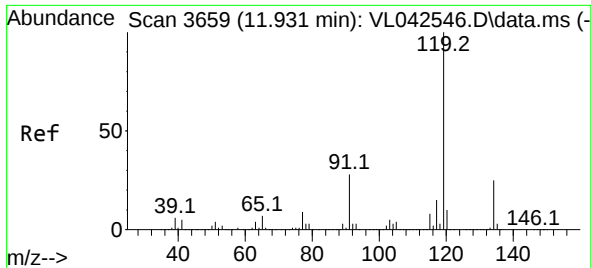
Reviewed By :Semsettin Yesilyurt 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.256 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.003 min
 Lab File: VL042556.D
 Acq: 21 May 2025 08:38

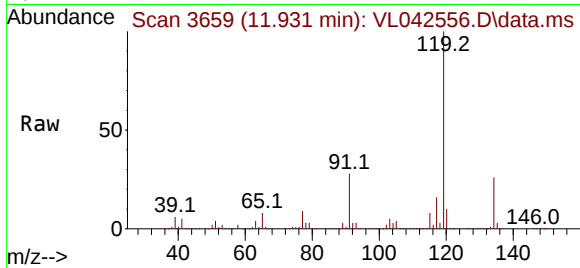
Tgt Ion: 95 Resp: 277859
 Ion Ratio Lower Upper
 95 100
 174 64.9 52.0 78.0
 175 4.7 3.8 5.6





#69
p-Isopropyltoluene
Concen: 11.397 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

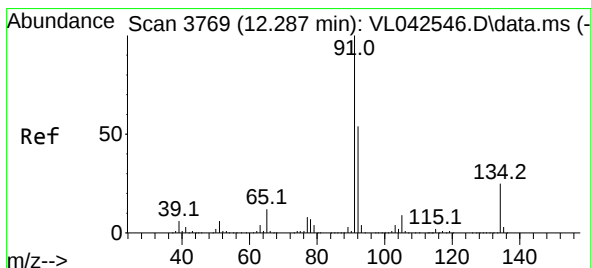
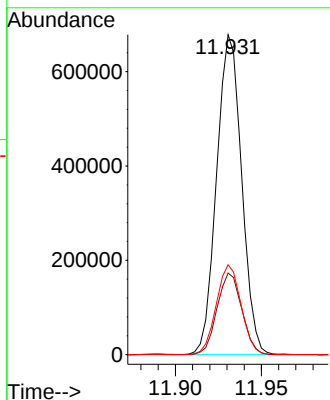
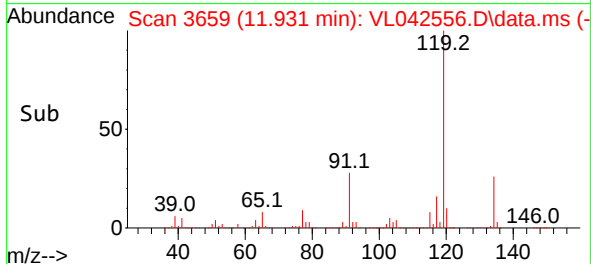
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



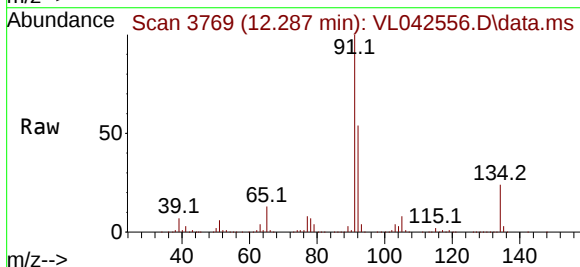
Tgt Ion:119 Resp: 685318
Ion Ratio Lower Upper
119 100
134 25.3 20.1 30.1
91 28.0 22.3 33.5

Manual Integrations
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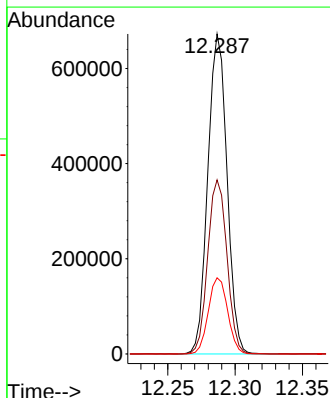
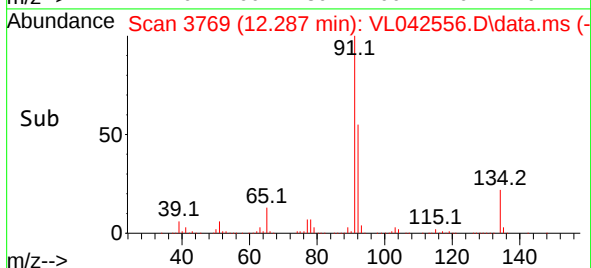
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

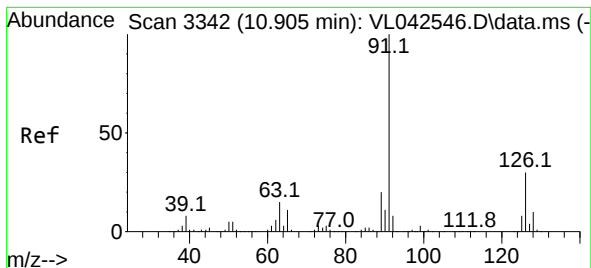


#70
n-Butylbenzene
Concen: 11.712 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



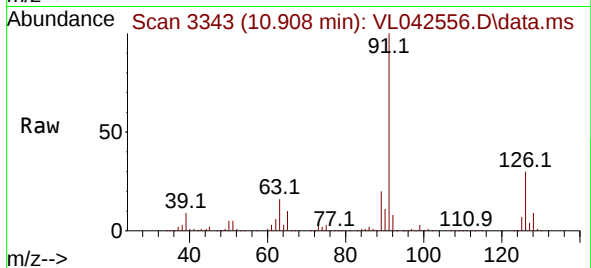
Tgt Ion: 91 Resp: 665390
Ion Ratio Lower Upper
91 100
92 54.6 43.8 65.6
134 24.0 19.7 29.5





#71
2-Chlorotoluene
Concen: 11.090 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

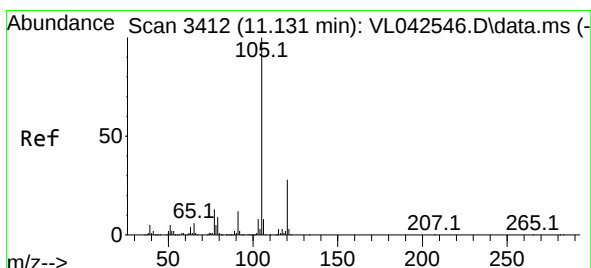
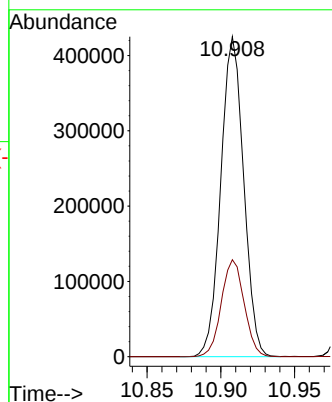
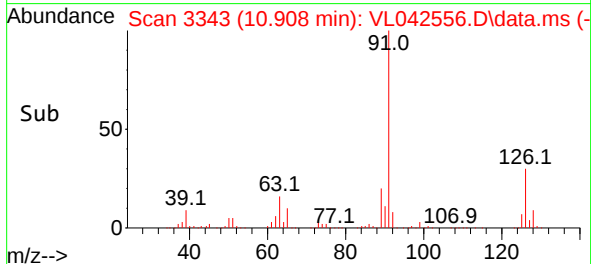
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 45770
Ion Ratio Lower Upper
91 100
126 30.3 12.4 49.4

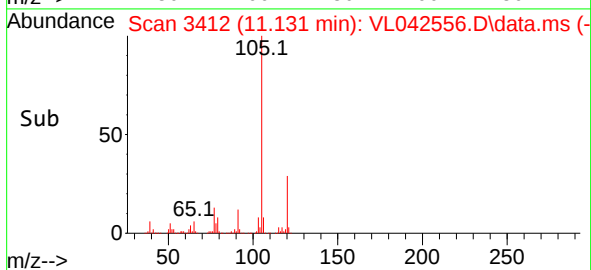
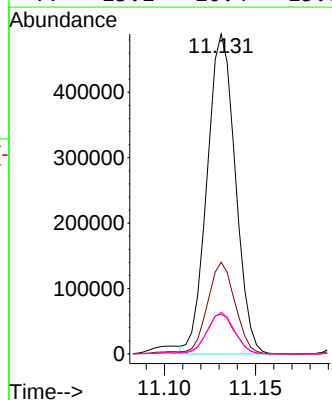
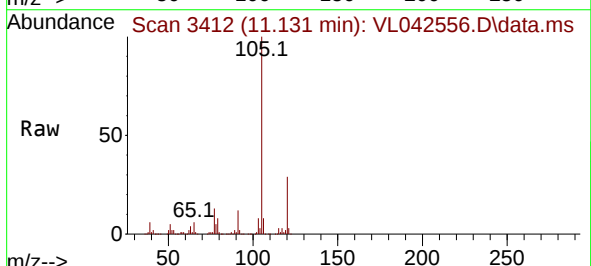
Manual Integrations
APPROVED

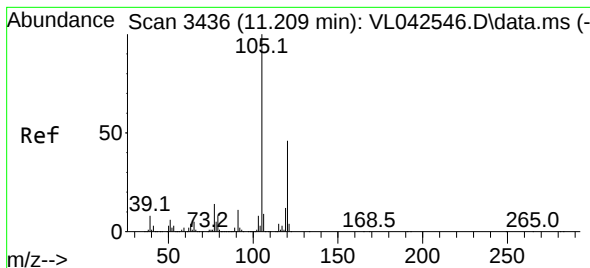
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#72
4-Ethyltoluene
Concen: 11.400 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

Tgt Ion:105 Resp: 527693
Ion Ratio Lower Upper
105 100
120 28.6 23.4 35.0
91 12.8 10.2 15.4
77 13.1 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 11.128 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 445574

Ion Ratio Lower Upper

105 100

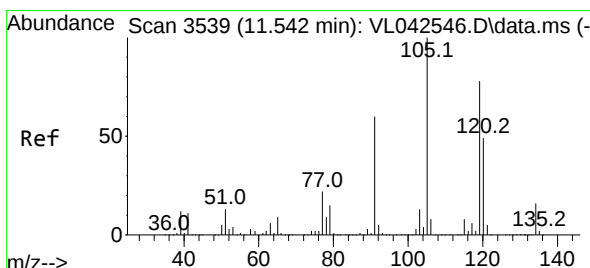
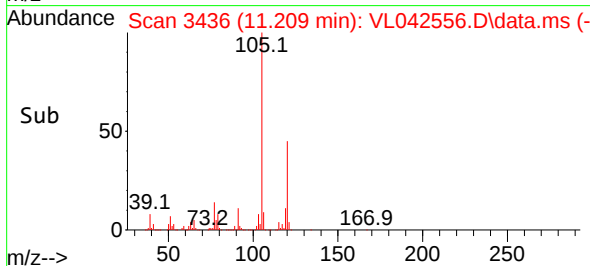
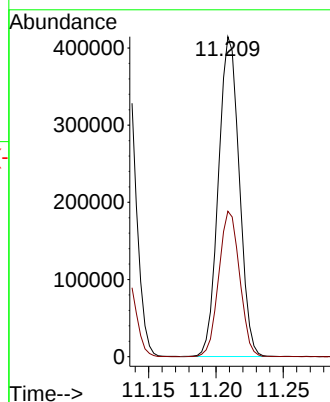
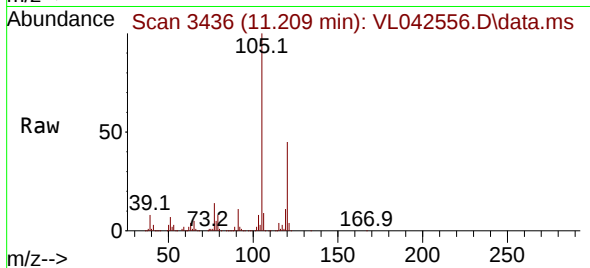
120 45.5 36.5 54.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.653 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Tgt Ion:105 Resp: 514358

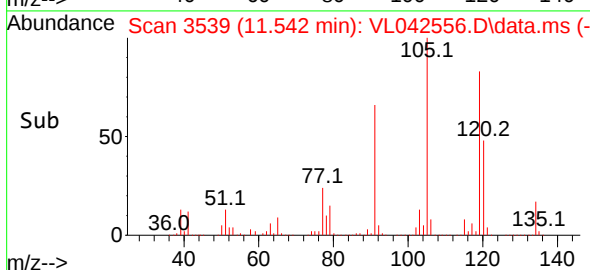
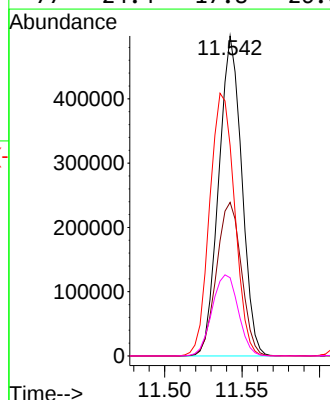
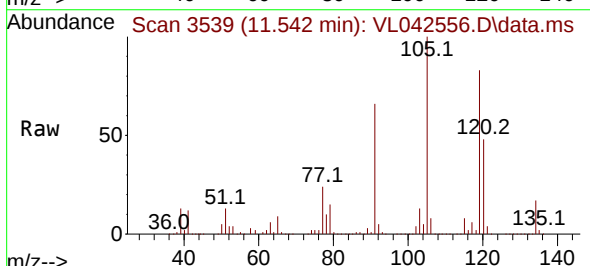
Ion Ratio Lower Upper

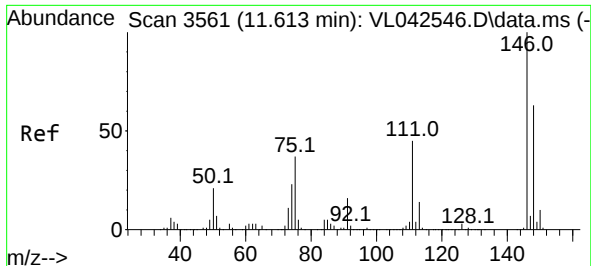
105 100

120 48.0 39.4 59.0

91 65.7 47.8 71.8

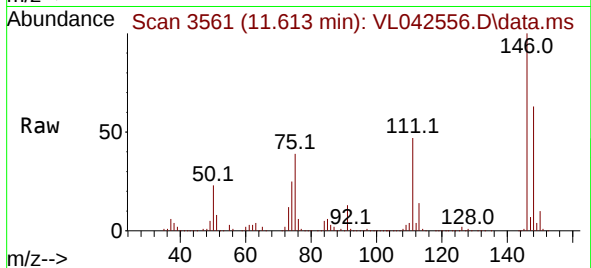
77 24.4 17.8 26.6





#75
1,3-Dichlorobenzene
Concen: 10.310 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

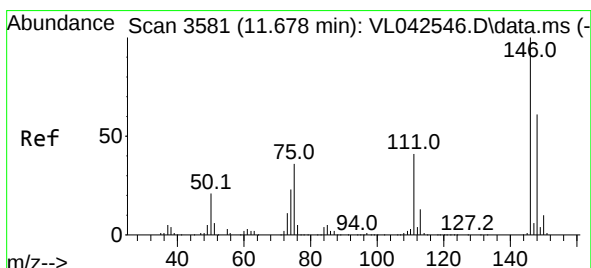
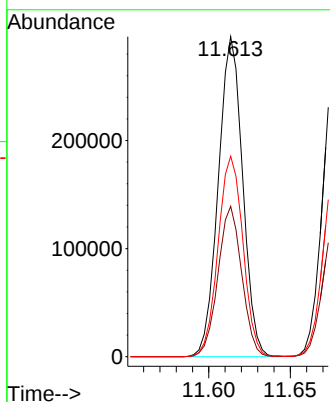
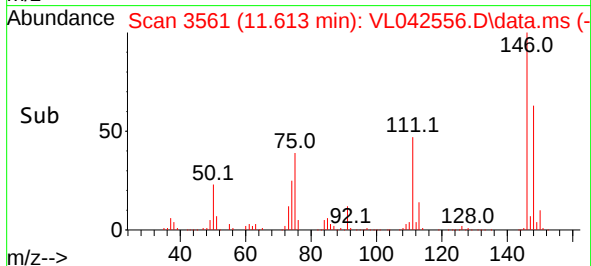
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



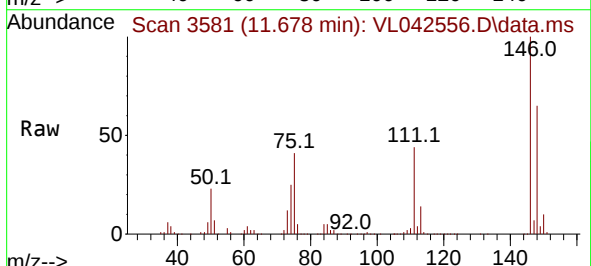
Tgt Ion:146 Resp: 307235
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.4
148 64.0 31.6 94.8

Manual Integrations
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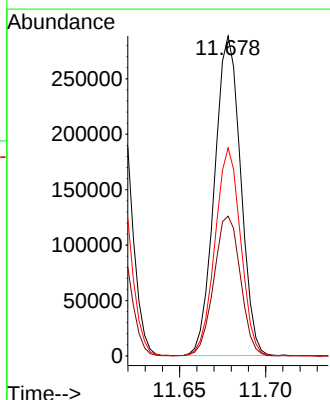
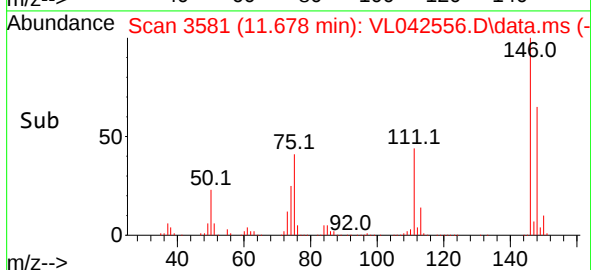
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

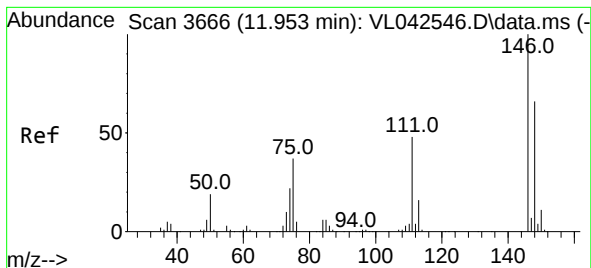


#76
1,4-Dichlorobenzene
Concen: 10.529 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



Tgt Ion:146 Resp: 304716
Ion Ratio Lower Upper
146 100
111 44.6 21.8 65.3
148 64.0 31.4 94.3





#77

1,2-Dichlorobenzene

Concen: 10.157 ppbv

RT: 11.953 min Scan# 3666

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 29821

Ion Ratio Lower Upper

146 100

111 47.1 23.7 71.1

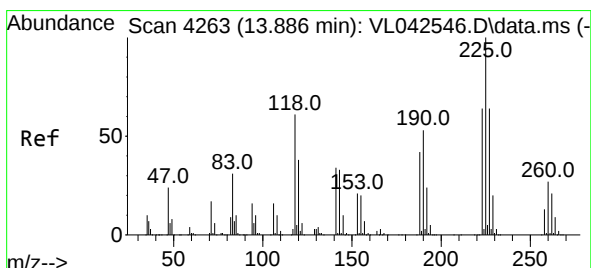
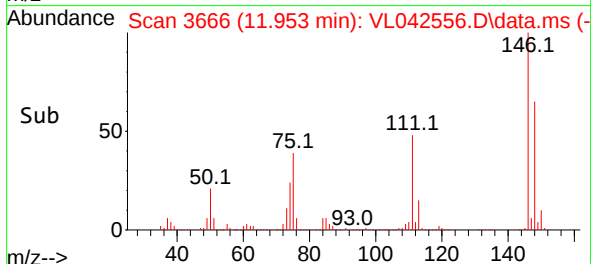
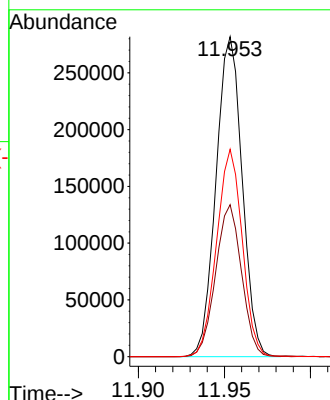
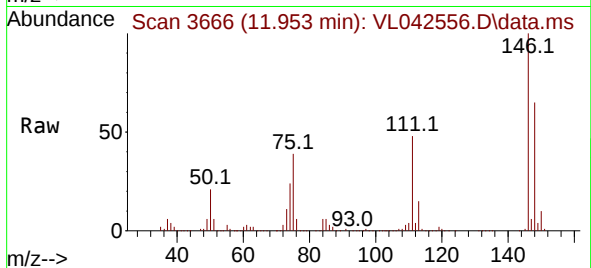
148 63.7 32.3 96.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#78

Hexachloro-1,3-Butadiene

Concen: 9.302 ppbv

RT: 13.886 min Scan# 4263

Delta R.T. -0.000 min

Lab File: VL042556.D

Acq: 21 May 2025 08:38

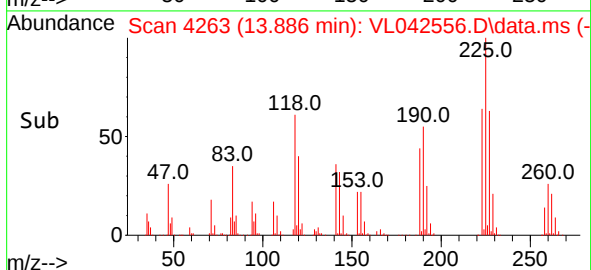
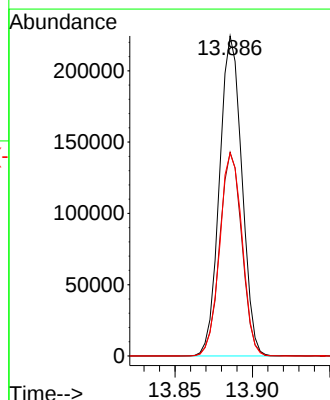
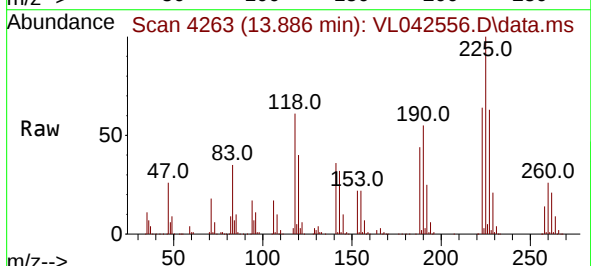
Tgt Ion:225 Resp: 225583

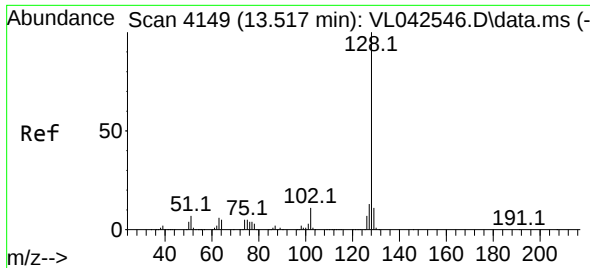
Ion Ratio Lower Upper

225 100

223 62.9 51.0 76.6

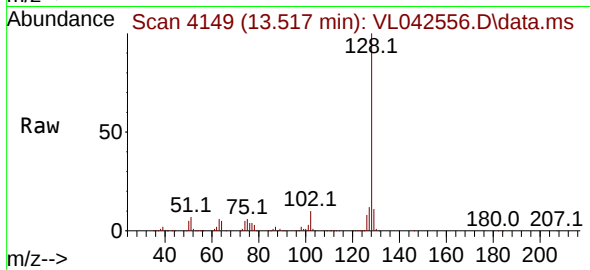
227 63.5 50.2 75.4





#79
Naphthalene
Concen: 12.846 ppbv
RT: 13.517 min Scan# 4149
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38

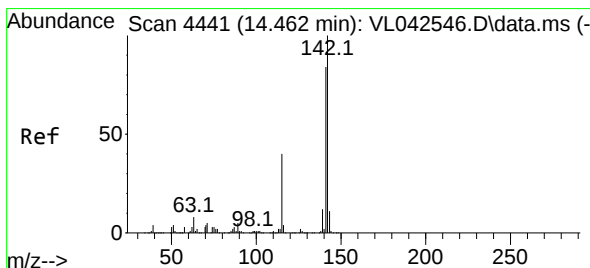
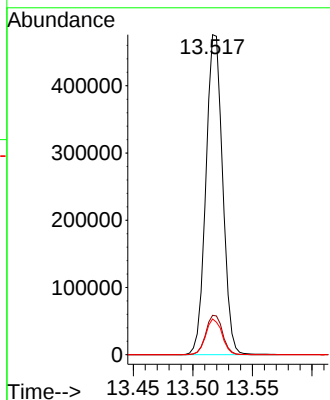
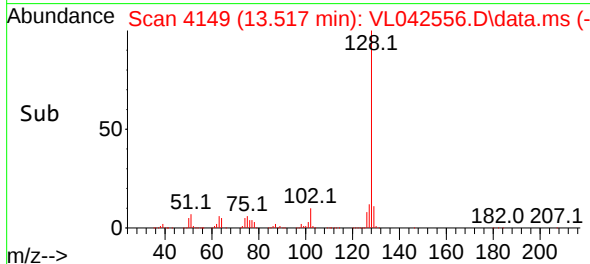
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



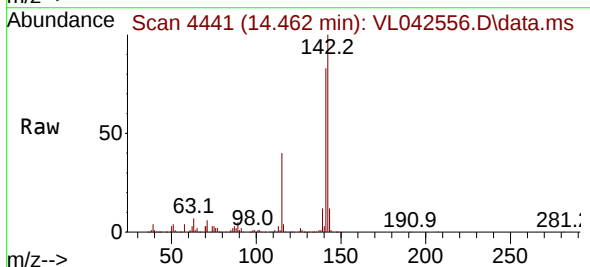
Tgt Ion:128 Resp: 464772
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 11.2 9.0 13.4

Manual Integrations
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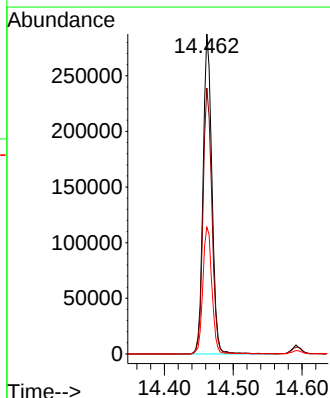
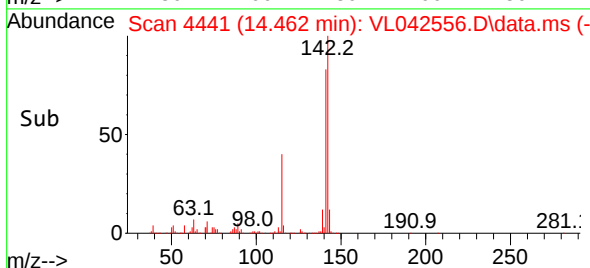
Reviewed By :Semsettin Yesilyurt 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

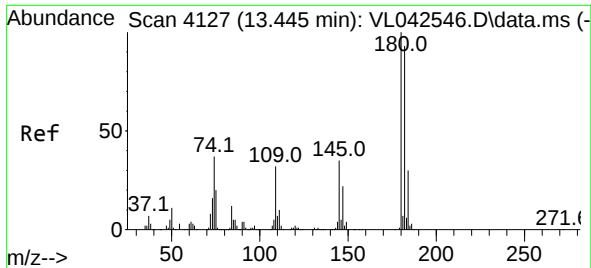


#80
Naphthalene,2-methyl-
Concen: 13.727 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. -0.000 min
Lab File: VL042556.D
Acq: 21 May 2025 08:38



Tgt Ion:142 Resp: 255900
Ion Ratio Lower Upper
142 100
141 84.0 67.4 101.0
115 40.8 31.5 47.3





#81

1,2,4-Trichlorobenzene

Concen: 11.397 ppbv

RT: 13.445 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042556.D

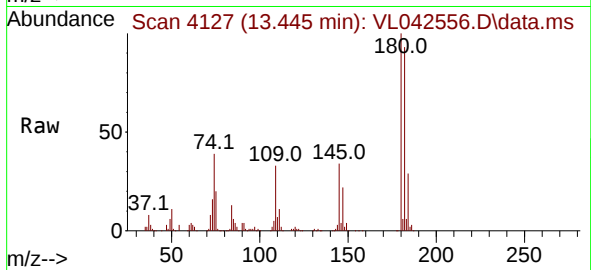
Acq: 21 May 2025 08:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 24768

Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

184 29.8 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025

