

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038946.D
 Acq On : 13 Aug 2025 12:31
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025

Quant Time: Aug 14 02:22:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 02:22:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	529122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	919231	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	836092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	392509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	81 - 118	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	80 - 119	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	89 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	85 - 114	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	7662	1.074	ug/l	88
3) Chloromethane	1.230	50	9441	1.258	ug/l	94
4) Vinyl Chloride	1.294	62	10054	1.210	ug/l	98
6) Chloroethane	1.561	64	5738	1.133	ug/l	99
7) Trichlorofluoromethane	1.728	101	11730	1.076	ug/l	95
8) Diethyl Ether	1.918	74	4454	1.303	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.082	101	6633	1.114	ug/l	91
12) 1,1-Dichloroethene	2.082	96	7423	1.257	ug/l	94
14) Allyl chloride	2.359	41	12298	1.203	ug/l	98
15) Acrylonitrile	2.677	53	23332	5.771	ug/l	94
16) Acetone	2.124	43	20281	6.789	ug/l	98
17) Carbon Disulfide	2.249	76	25075	1.359	ug/l	100
18) Methyl Acetate	2.381	43	9757	1.258	ug/l #	89
19) Methyl tert-butyl Ether	2.712	73	23898	1.116	ug/l	95
20) Methylene Chloride	2.455	84	11018	1.004	ug/l	90
21) trans-1,2-Dichloroethene	2.703	96	8800	1.216	ug/l	88
22) Diisopropyl ether	3.214	45	19089	0.981	ug/l #	25
23) Vinyl Acetate	3.198	43	75325	4.611	ug/l	99
24) 1,1-Dichloroethane	3.114	63	12677	1.042	ug/l	98
25) 2-Butanone	3.908	43	21838m	4.895	ug/l	
26) 2,2-Dichloropropane	3.809	77	11820	1.107	ug/l #	75
27) cis-1,2-Dichloroethene	3.828	96	8097	1.084	ug/l	89
28) Bromochloromethane	4.156	49	3880	1.166	ug/l	96
29) Tetrahydrofuran	4.256	42	13888	4.833	ug/l #	79
30) Chloroform	4.288	83	14173	1.090	ug/l	93
32) 1,1,1-Trichloroethane	4.519	97	12852	1.096	ug/l #	51
36) 1,1-Dichloropropene	4.754	75	7448	0.875	ug/l	93
37) Ethyl Acetate	4.037	43	10304m	1.028	ug/l	
38) Carbon Tetrachloride	4.728	117	9344	0.931	ug/l	97
39) Methylcyclohexane	6.050	83	10406	0.930	ug/l	93
40) Benzene	5.018	78	27770	0.995	ug/l	100
41) Methacrylonitrile	4.198	41	3082m	0.804	ug/l	
42) 1,2-Dichloroethane	5.056	62	9292	0.967	ug/l	89
43) Isopropyl Acetate	5.220	43	12682m	0.934	ug/l	
44) Trichloroethene	5.844	130	7819	1.082	ug/l	98
45) 1,2-Dichloropropane	6.101	63	5996	0.921	ug/l	94

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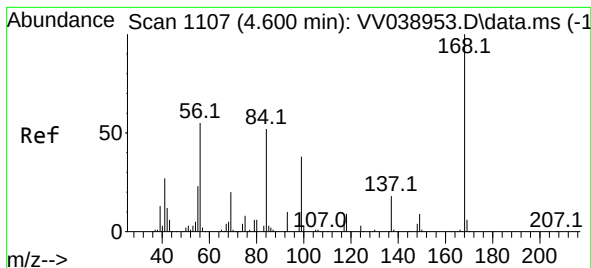
Quant Time: Aug 14 02:22:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) Dibromomethane	6.246	93	5408	1.037	ug/l	#	86
47) Bromodichloromethane	6.436	83	9592	0.915	ug/l	#	97
48) Methyl methacrylate	6.365	41	6445m	1.030	ug/l		
49) 1,4-Dioxane	6.323	88	2294m	18.524	ug/l		
51) 4-Methyl-2-Pentanone	7.162	43	42552m	4.607	ug/l		
52) Toluene	7.323	92	14889m	0.874	ug/l		
53) t-1,3-Dichloropropene	7.606	75	10248m	1.026	ug/l		
54) cis-1,3-Dichloropropene	6.969	75	10176m	0.927	ug/l		
55) 1,1,2-Trichloroethane	7.776	97	6572	0.924	ug/l	#	81
56) Ethyl methacrylate	7.741	69	8264m	0.896	ug/l		
57) 1,3-Dichloropropane	7.953	76	10231	0.905	ug/l		98
58) 2-Chloroethyl Vinyl ether	6.834	63	16721m	9.817	ug/l		
59) 2-Hexanone	8.088	43	26953m	3.957	ug/l		
60) Dibromochloromethane	8.172	129	8538	0.993	ug/l		98
61) 1,2-Dibromoethane	8.288	107	7289	0.952	ug/l		98
64) Tetrachloroethene	7.905	164	7120	1.126	ug/l		97
65) Chlorobenzene	8.809	112	21150	1.078	ug/l		96
66) 1,1,1,2-Tetrachloroethane	8.902	131	6623	0.971	ug/l	#	59
67) Ethyl Benzene	8.947	91	24760	0.835	ug/l		99
68) m/p-Xylenes	9.069	106	18676	1.609	ug/l		96
69) o-Xylene	9.474	106	9039	0.848	ug/l		97
70) Styrene	9.503	104	15228m	0.820	ug/l		
71) Bromoform	9.664	173	5017	0.905	ug/l	#	92
73) Isopropylbenzene	9.860	105	23855	0.949	ug/l		96
74) N-amyl acetate	9.744	43	9931m	1.023	ug/l		
75) 1,1,2,2-Tetrachloroethane	10.172	83	11169	1.145	ug/l		96
76) 1,2,3-Trichloropropane	10.207	75	8310m	1.123	ug/l		
77) Bromobenzene	10.159	156	6635	1.021	ug/l		91
78) n-propylbenzene	10.284	91	28952	0.963	ug/l		98
79) 2-Chlorotoluene	10.355	91	18477	1.005	ug/l		96
80) 1,3,5-Trimethylbenzene	10.471	105	18669	0.880	ug/l		99
82) 4-Chlorotoluene	10.477	91	19497	0.921	ug/l		94
83) tert-Butylbenzene	10.792	119	20145	0.947	ug/l		95
84) 1,2,4-Trimethylbenzene	10.850	105	17180	0.842	ug/l		99
85) sec-Butylbenzene	11.014	105	25618	0.923	ug/l		100
86) p-Isopropyltoluene	11.172	119	22555	0.952	ug/l		92
87) 1,3-Dichlorobenzene	11.117	146	15201	1.140	ug/l		95
88) 1,4-Dichlorobenzene	11.198	146	18464m	1.276	ug/l		
89) n-Butylbenzene	11.587	91	21485	0.959	ug/l		94
90) Hexachloroethane	11.821	117	5790	1.111	ug/l		90
91) 1,2-Dichlorobenzene	11.580	146	14192	1.136	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.368	75	2483	1.158	ug/l		74
93) 1,2,4-Trichlorobenzene	13.194	180	8944	1.160	ug/l		97
94) Hexachlorobutadiene	13.368	225	4686	1.224	ug/l		98
95) Naphthalene	13.435	128	23475	0.969	ug/l		99
96) 1,2,3-Trichlorobenzene	13.670	180	8385	1.075	ug/l		96

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

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV038946.D

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Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

Tgt Ion:168 Resp: 52912

Ion Ratio Lower Upper

168 100

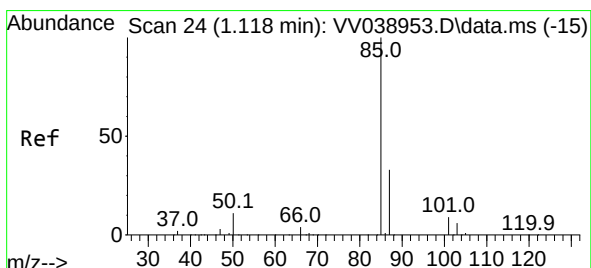
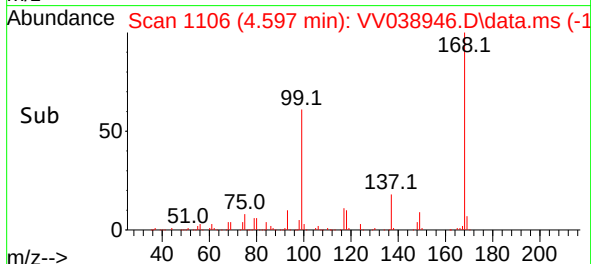
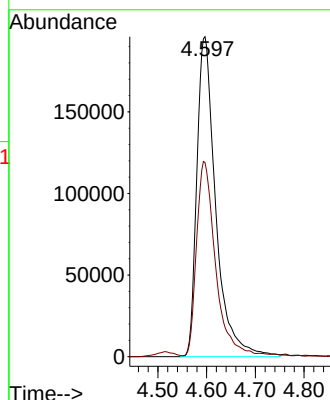
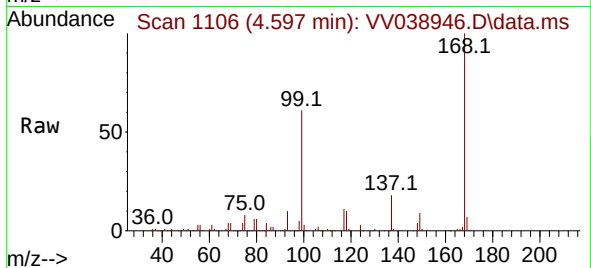
99 60.3 48.0 72.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 1.074 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.003 min

Lab File: VV038946.D

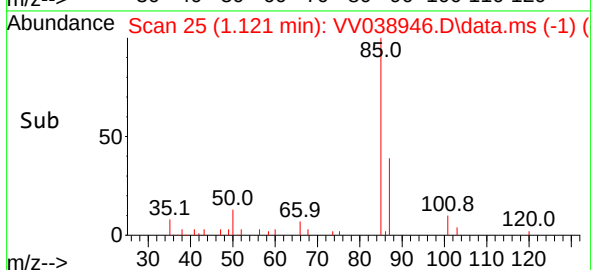
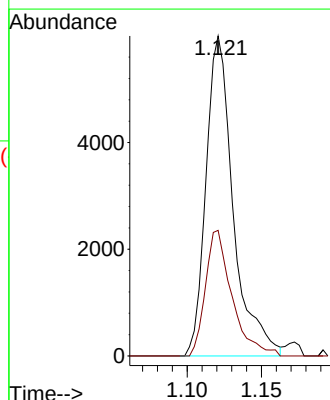
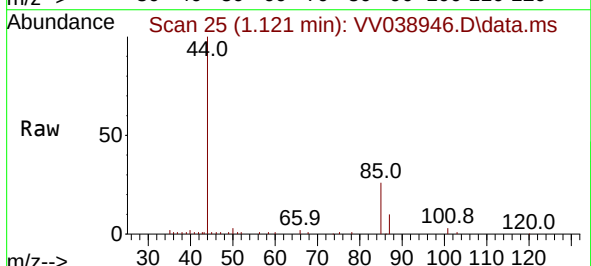
Acq: 13 Aug 2025 12:31

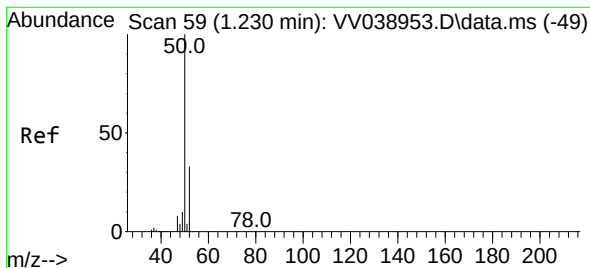
Tgt Ion: 85 Resp: 7662

Ion Ratio Lower Upper

85 100

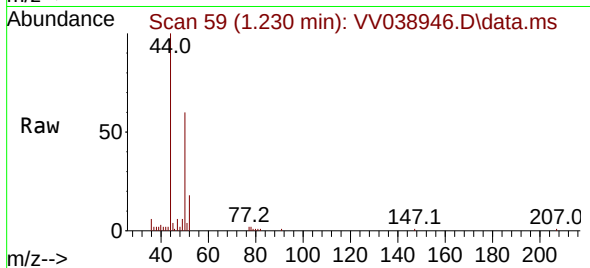
87 39.3 16.3 48.9





#3
Chloromethane
Concen: 1.258 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

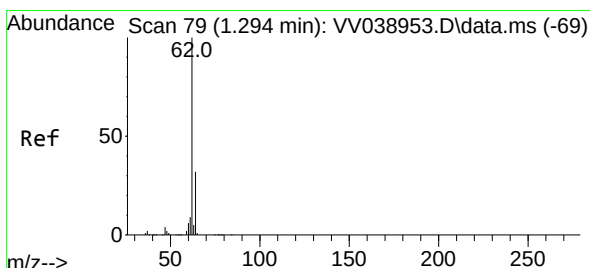
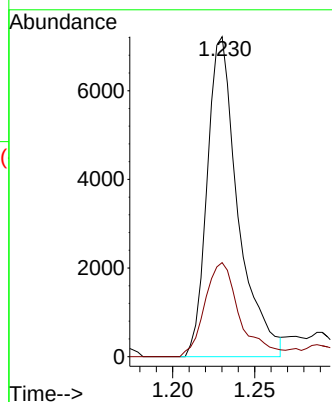
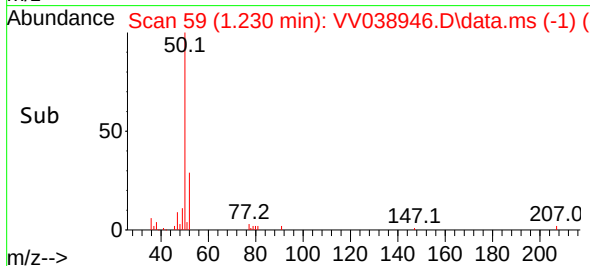
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



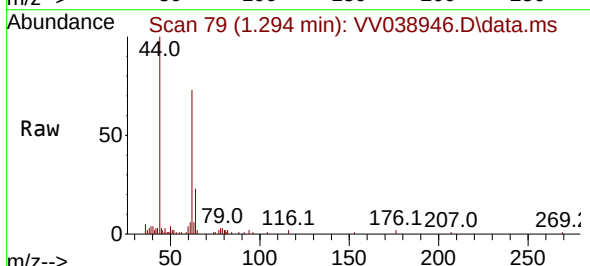
Tgt Ion: 50 Resp: 944
Ion Ratio Lower Upper
50 100
52 29.4 26.0 39.0

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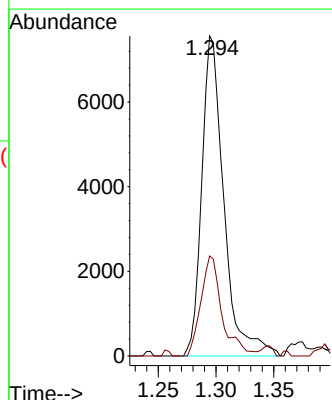
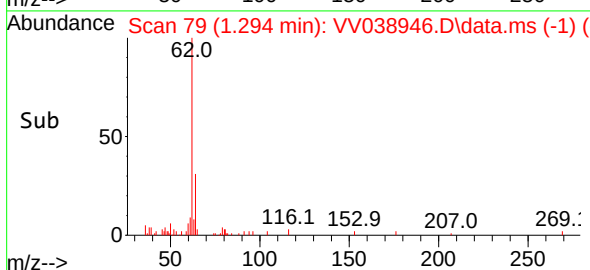
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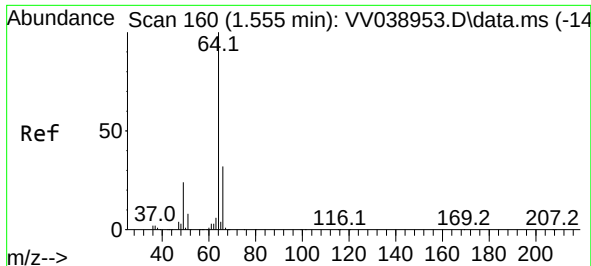


#4
Vinyl Chloride
Concen: 1.210 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31



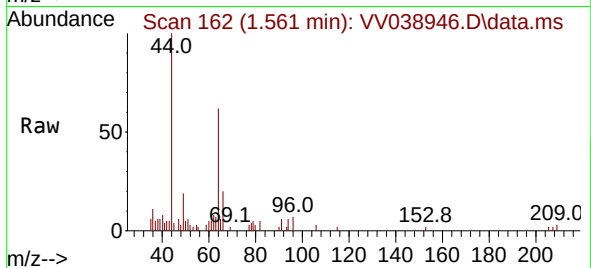
Tgt Ion: 62 Resp: 10054
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.8





#6
Chloroethane
Concen: 1.133 ug/l
RT: 1.561 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

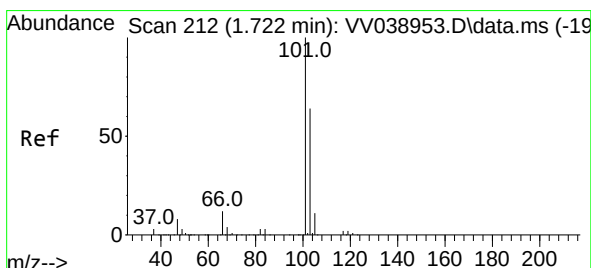
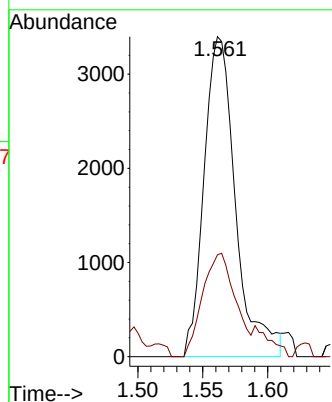
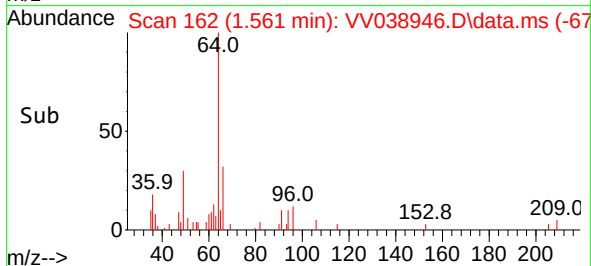
Instrument :
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Tgt Ion: 64 Resp: 5738
Ion Ratio Lower Upper
64 100
66 31.9 25.8 38.8

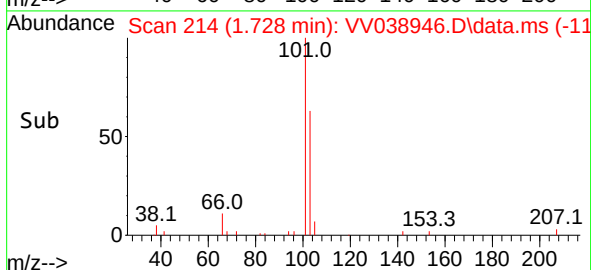
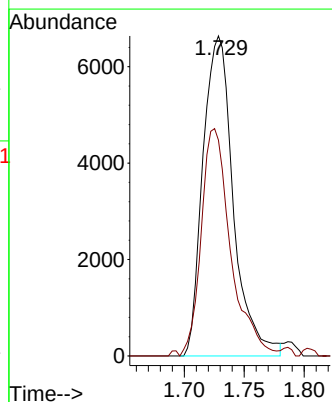
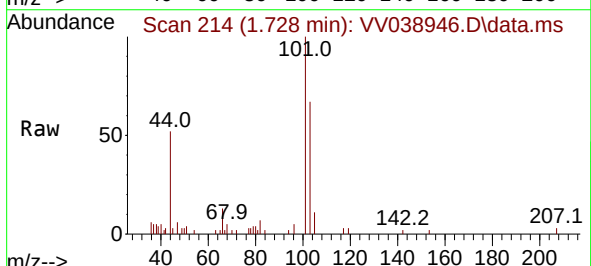
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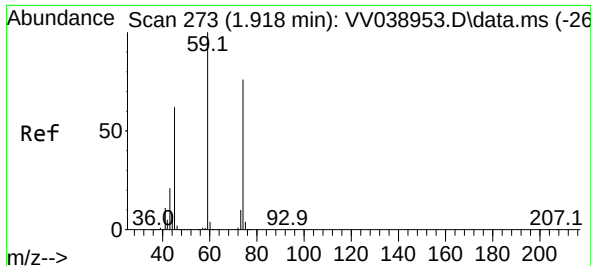
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#7
Trichlorofluoromethane
Concen: 1.076 ug/l
RT: 1.728 min Scan# 214
Delta R.T. 0.006 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

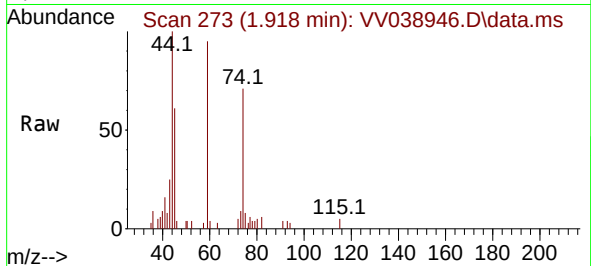
Tgt Ion:101 Resp: 11730
Ion Ratio Lower Upper
101 100
103 67.4 51.0 76.4





#8
Diethyl Ether
Concen: 1.303 ug/l
RT: 1.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

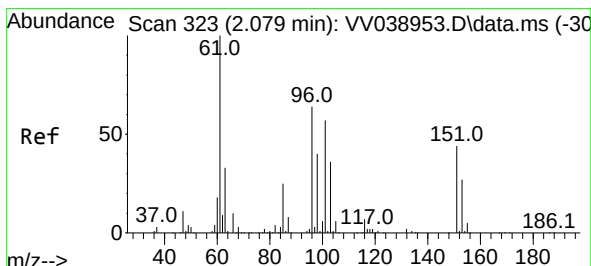
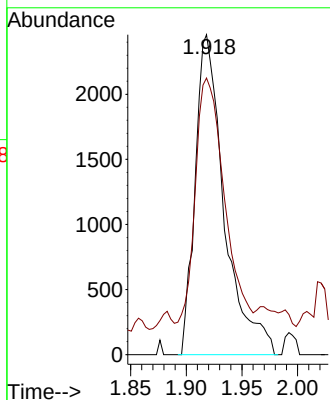
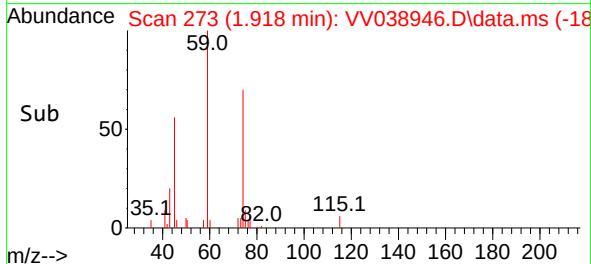
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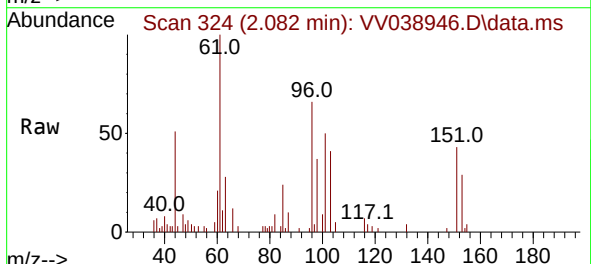
Tgt Ion: 74 Resp: 4454
Ion Ratio Lower Upper
74 100
45 75.2 39.5 118.3

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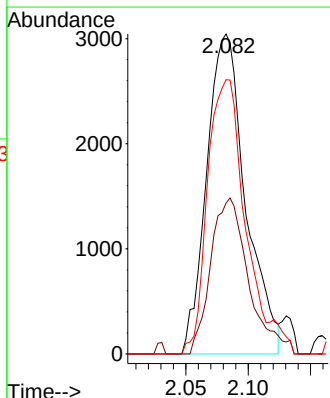
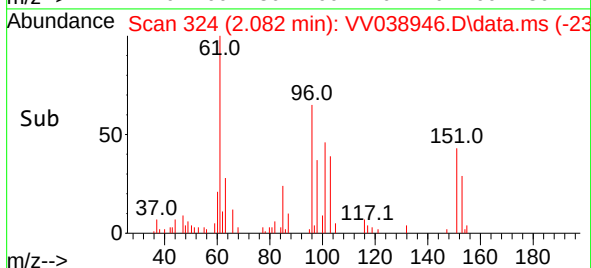
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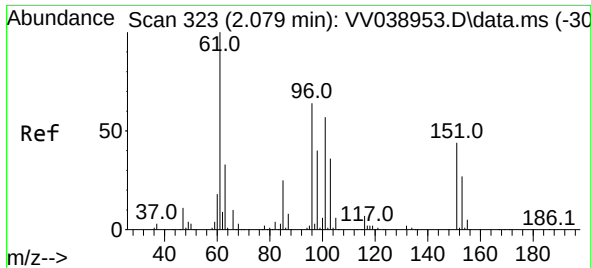


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.114 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31



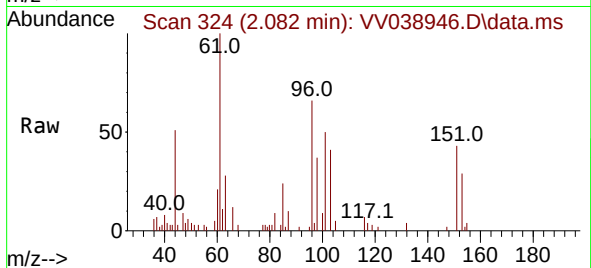
Tgt Ion:101 Resp: 6633
Ion Ratio Lower Upper
101 100
85 47.3 34.7 52.1
151 84.0 60.4 90.6





#12
1,1-Dichloroethene
Concen: 1.257 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

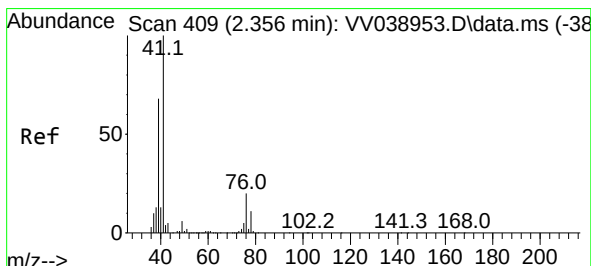
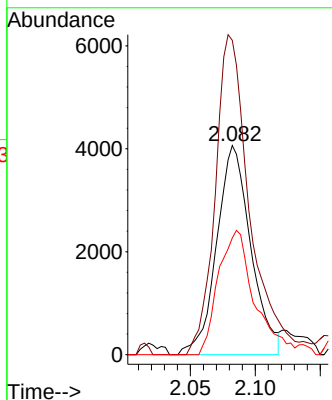
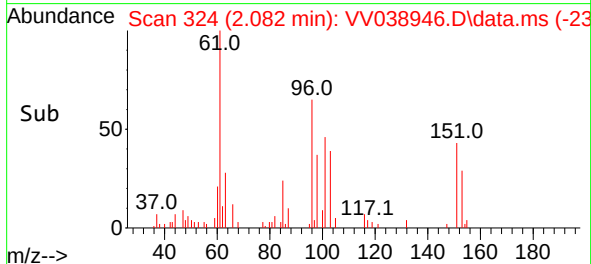
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 742
Ion Ratio Lower Upper
96 100
61 150.4 125.0 187.4
98 55.8 49.8 74.8

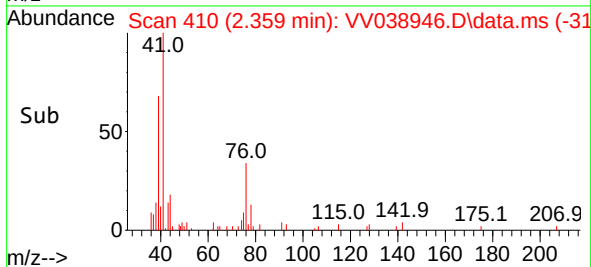
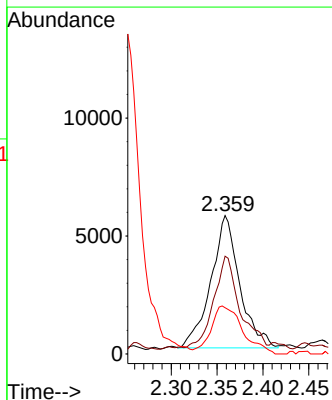
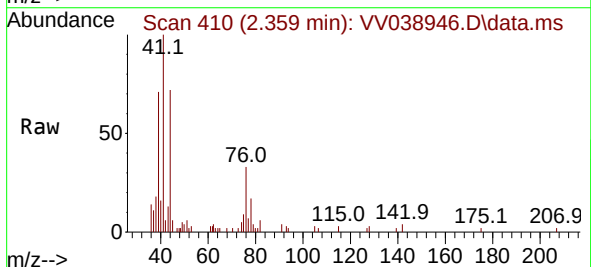
Manual Integrations
APPROVED

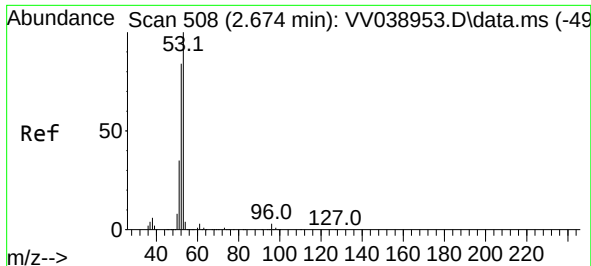
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#14
Allyl chloride
Concen: 1.203 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

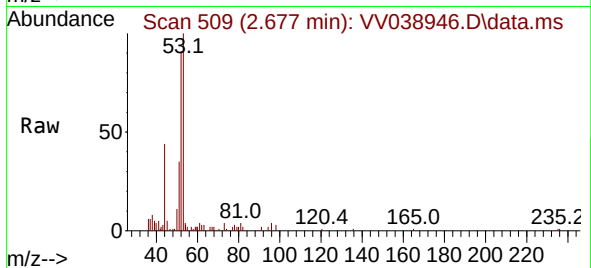
Tgt Ion: 41 Resp: 12298
Ion Ratio Lower Upper
41 100
39 61.6 49.8 74.6
76 39.6 29.4 44.2





#15
Acrylonitrile
Concen: 5.771 ug/l
RT: 2.677 min Scan# 508
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

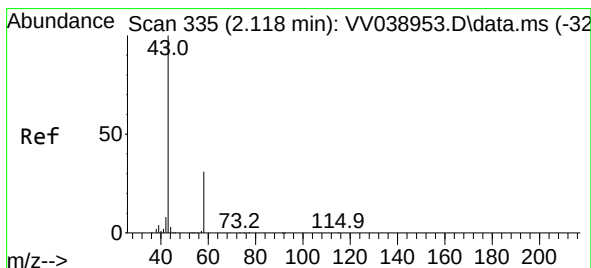
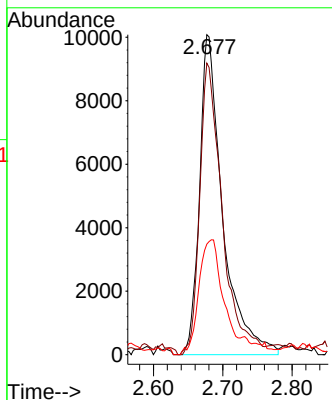
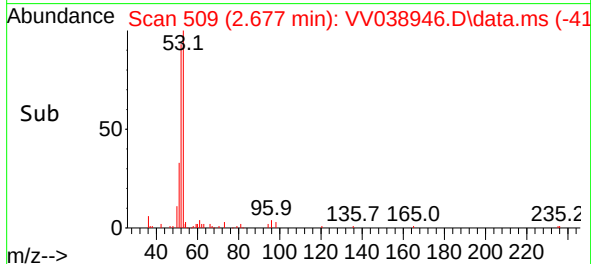
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 2333
Ion Ratio Lower Upper
53 100
52 89.0 66.6 99.8
51 37.7 28.5 42.7

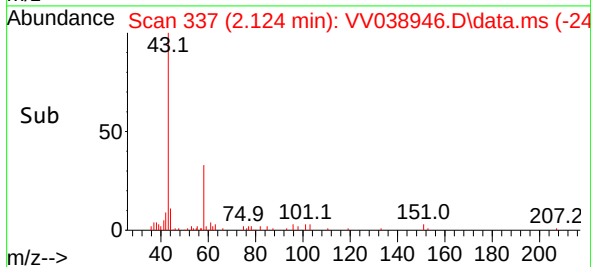
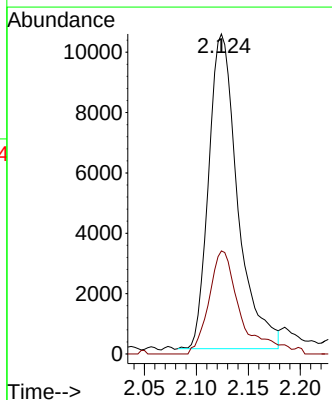
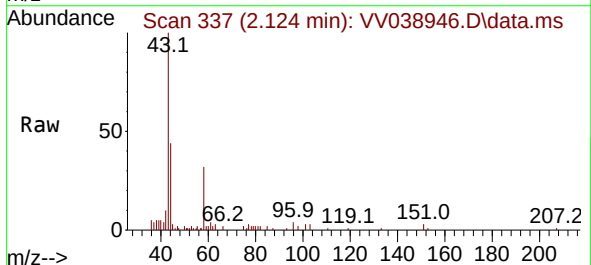
Manual Integrations
APPROVED

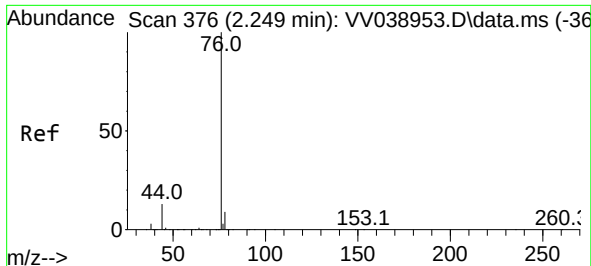
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#16
Acetone
Concen: 6.789 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

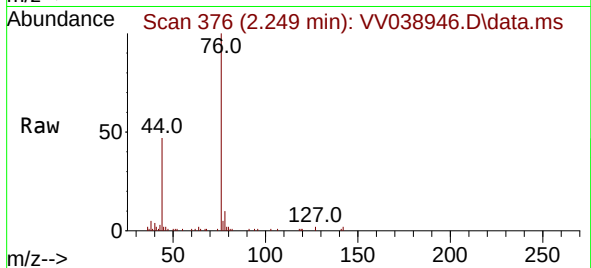
Tgt Ion: 43 Resp: 20281
Ion Ratio Lower Upper
43 100
58 32.8 25.3 37.9





#17
Carbon Disulfide
Concen: 1.359 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

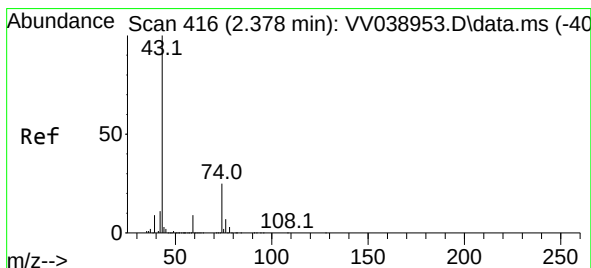
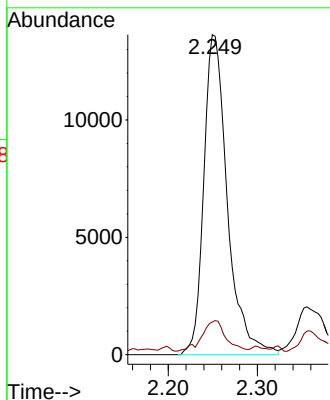
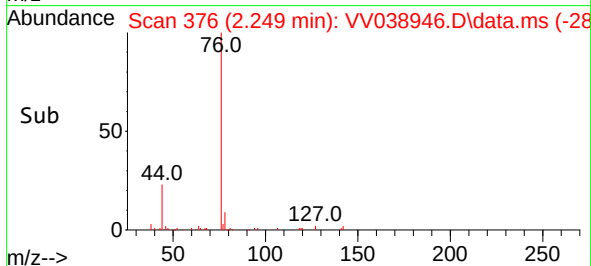
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 2507
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

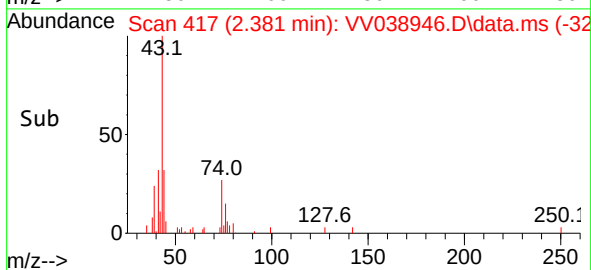
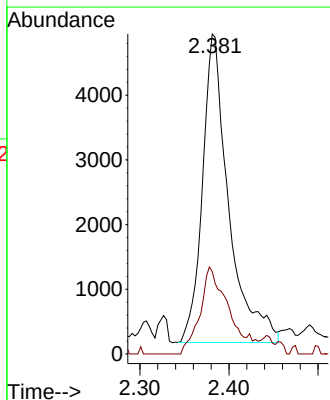
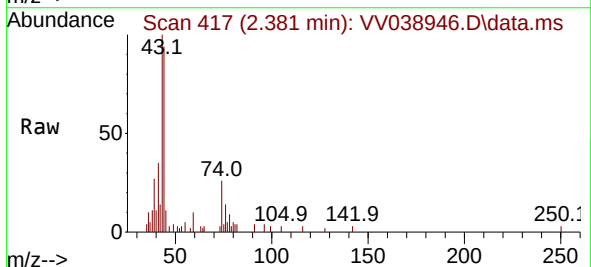
Manual Integrations
APPROVED

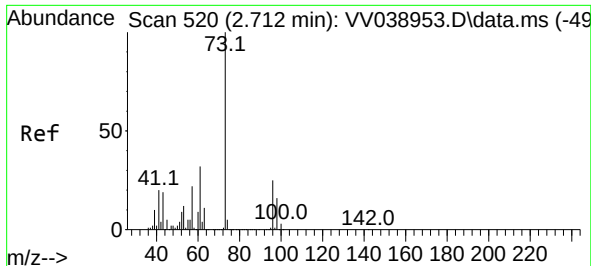
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#18
Methyl Acetate
Concen: 1.258 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

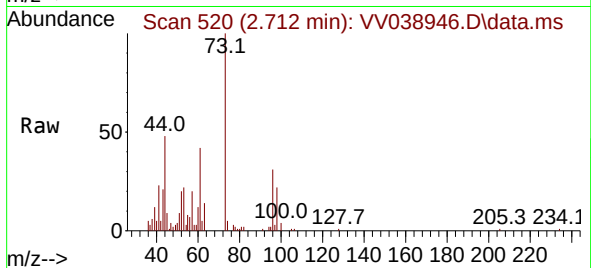
Tgt Ion: 43 Resp: 9757
Ion Ratio Lower Upper
43 100
74 31.1 20.3 30.5#





#19
Methyl tert-butyl Ether
Concen: 1.116 ug/l
RT: 2.712 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

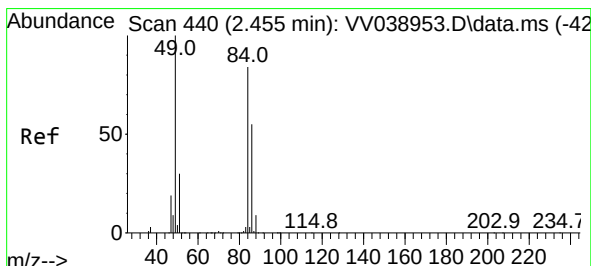
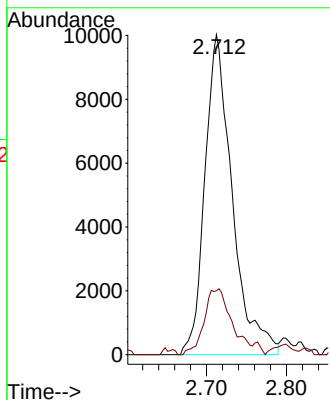
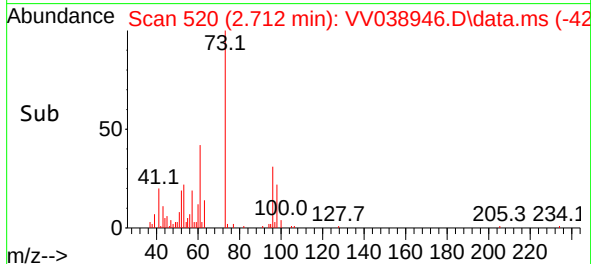
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



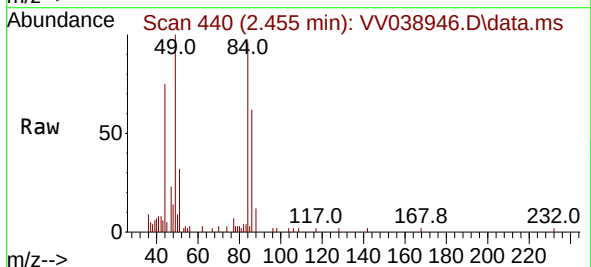
Tgt Ion: 73 Resp: 2389
Ion Ratio Lower Upper
73 100
57 20.0 18.0 27.0

Manual Integrations
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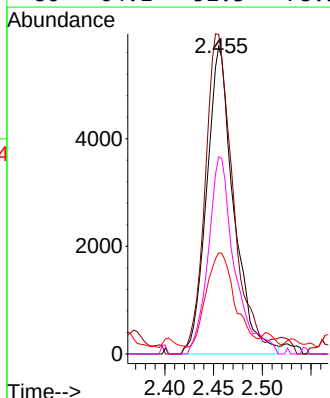
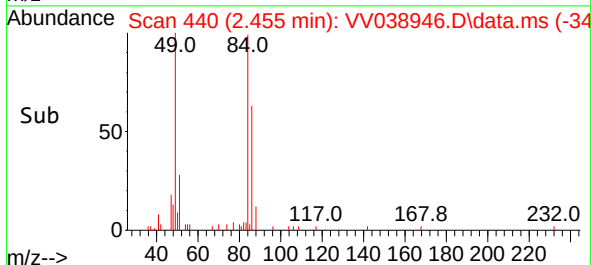
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

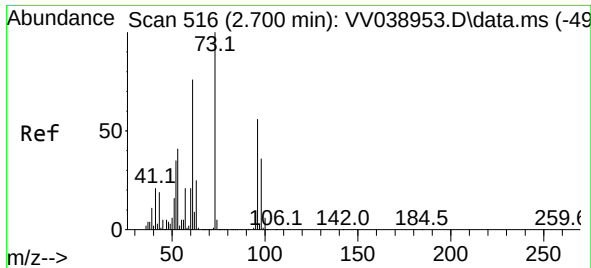


#20
Methylene Chloride
Concen: 1.004 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31



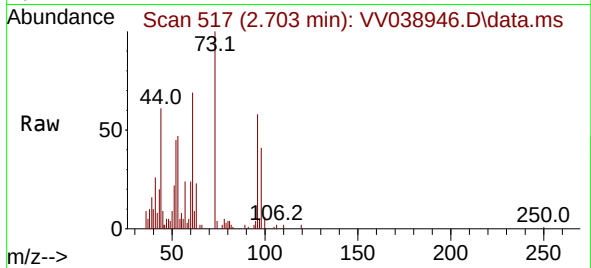
Tgt Ion: 84 Resp: 11018
Ion Ratio Lower Upper
84 100
49 104.0 95.8 143.6
51 29.9 29.0 43.4
86 64.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 1.216 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

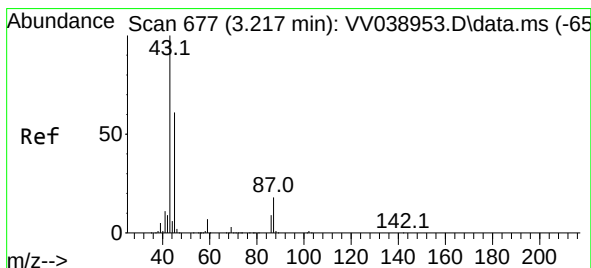
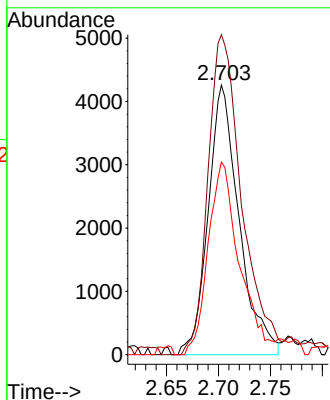
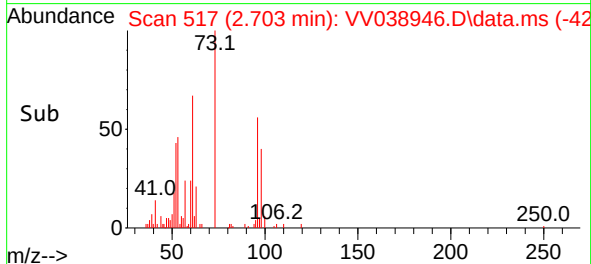
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 8800
Ion Ratio Lower Upper
96 100
61 118.7 108.2 162.4
98 71.5 51.7 77.5

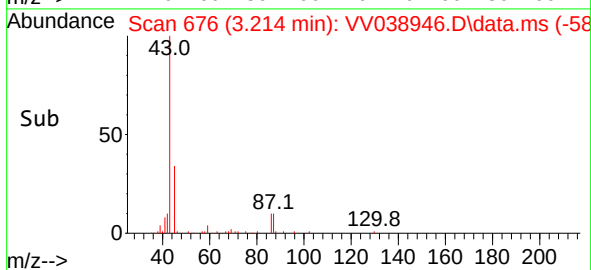
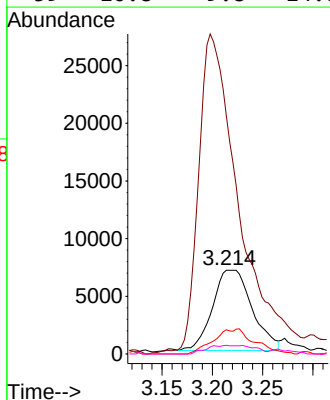
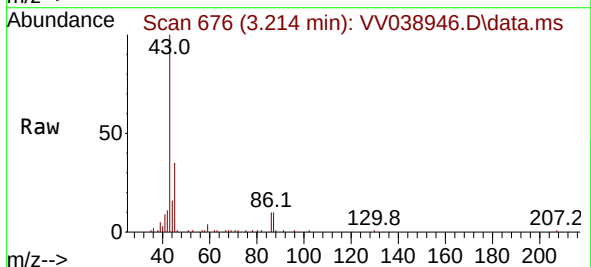
Manual Integrations
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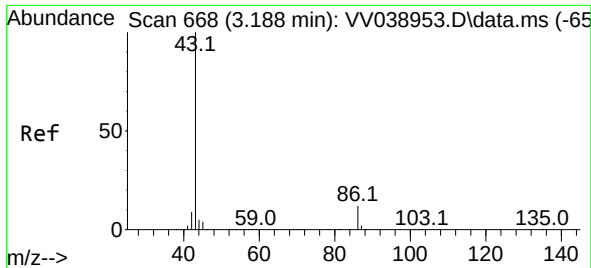
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#22
Diisopropyl ether
Concen: 0.981 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

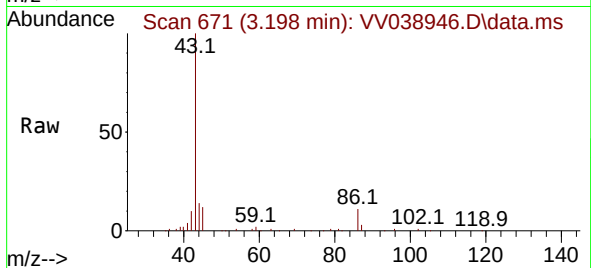
Tgt Ion: 45 Resp: 19089
Ion Ratio Lower Upper
45 100
43 291.3 132.2 198.2#
87 30.1 24.1 36.1
59 10.8 9.8 14.8





#23
 Vinyl Acetate
 Concen: 4.611 ug/l
 RT: 3.198 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

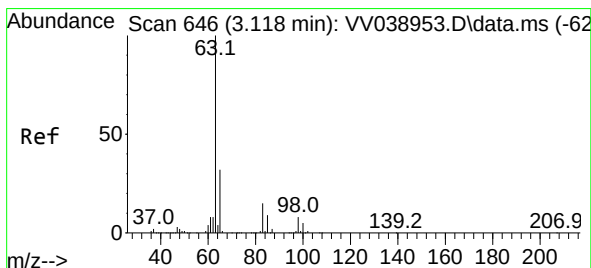
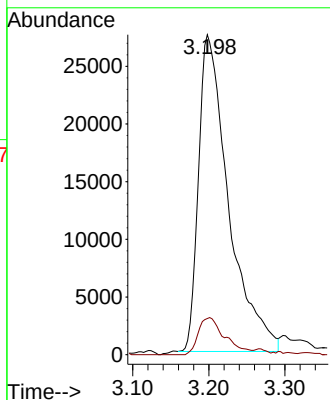
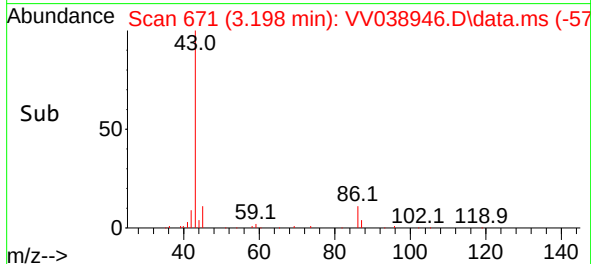
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001



Tgt Ion: 43 Resp: 7532
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.3 13.9

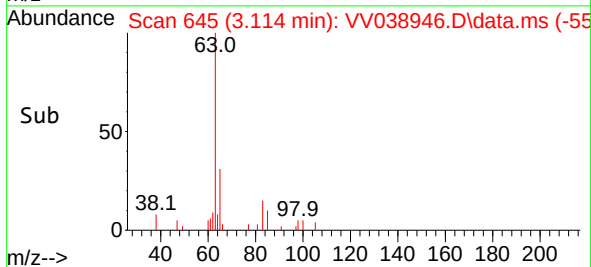
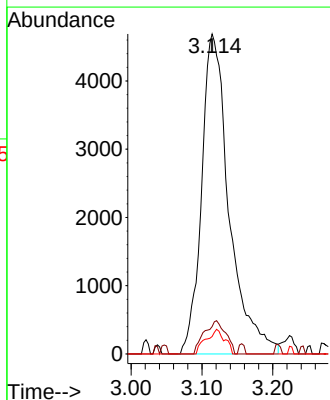
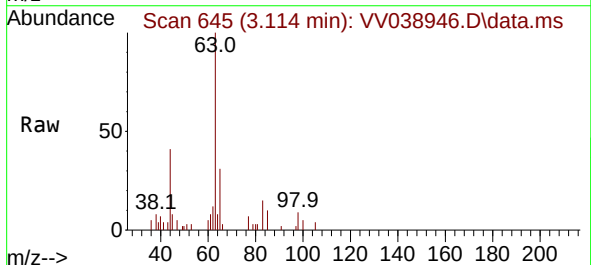
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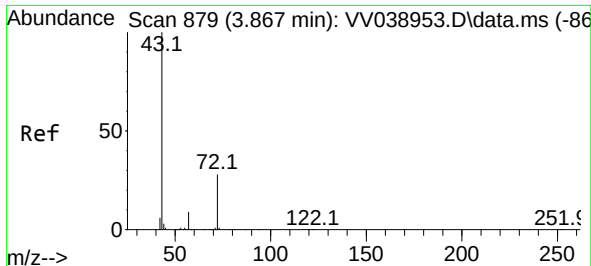
Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025



#24
 1,1-Dichloroethane
 Concen: 1.042 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

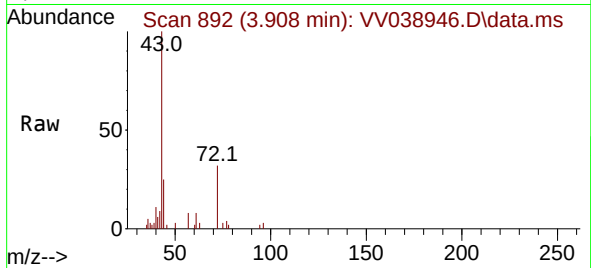
Tgt Ion: 63 Resp: 12677
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.8 11.4
 100 5.5 2.6 7.8





#25
2-Butanone
Concen: 4.895 ug/l m
RT: 3.908 min Scan# 892
Delta R.T. 0.042 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

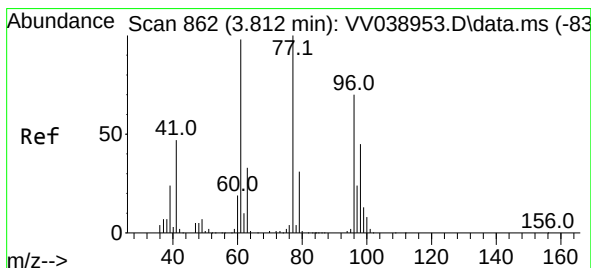
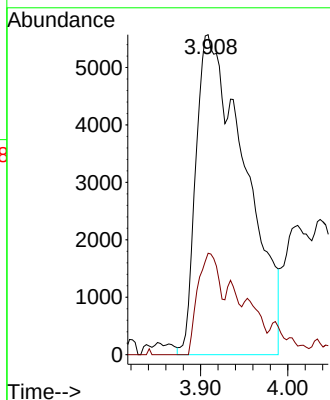
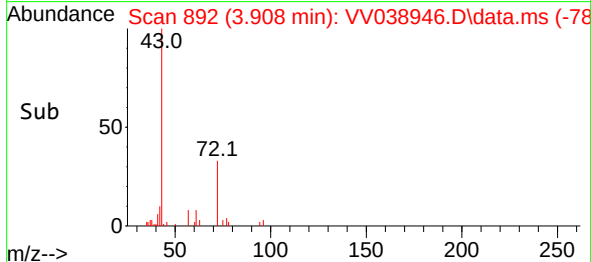
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 21838
Ion Ratio Lower Upper
43 100
72 31.7 22.5 33.7

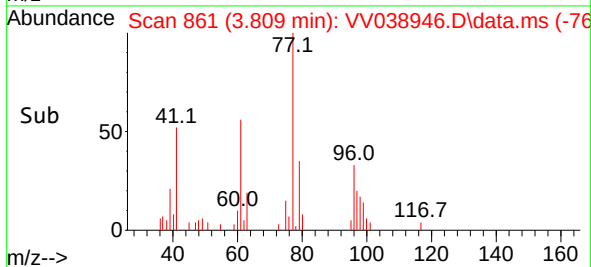
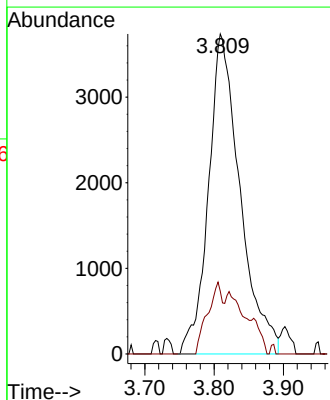
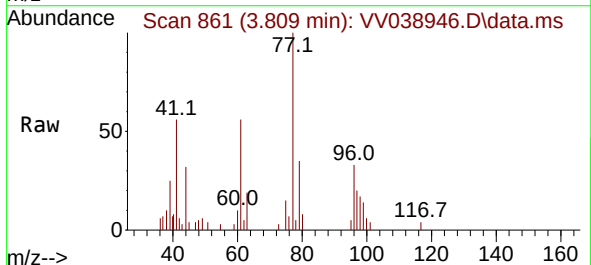
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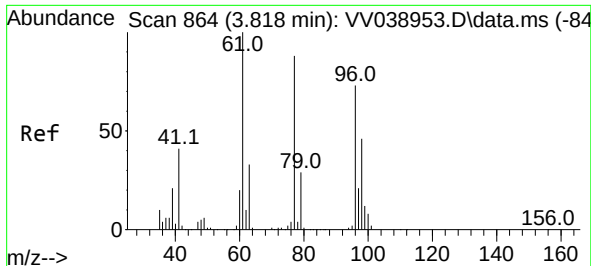
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#26
2,2-Dichloropropane
Concen: 1.107 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion: 77 Resp: 11820
Ion Ratio Lower Upper
77 100
97 11.2 11.7 35.1#





#27

cis-1,2-Dichloroethene

Concen: 1.084 ug/l

RT: 3.828 min Scan# 867

Delta R.T. 0.010 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 809

Ion Ratio Lower Upper

96 100

61 138.4 0.0 280.2

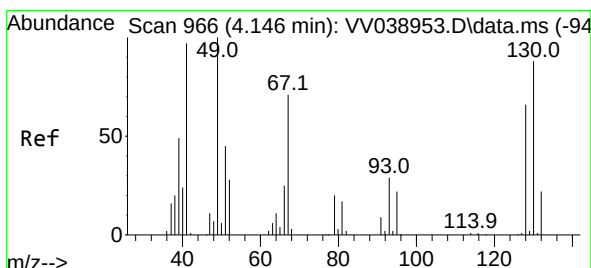
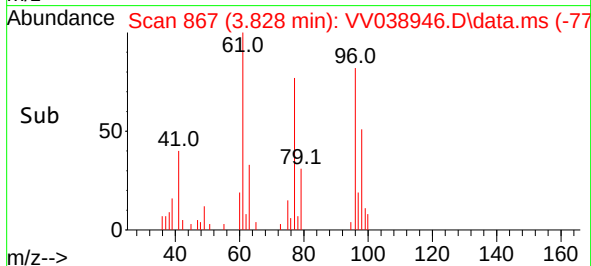
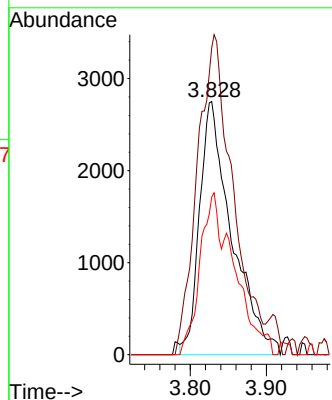
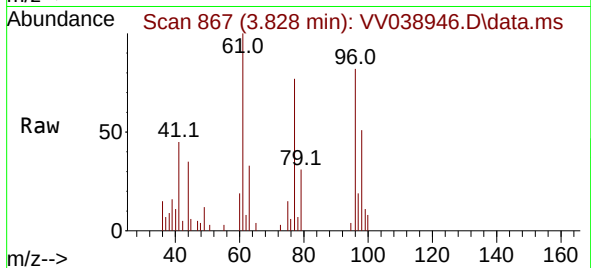
98 38.9 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025

Supervised By :Semsettin Yesilyurt 08/18/2025



#28

Bromochloromethane

Concen: 1.166 ug/l

RT: 4.156 min Scan# 969

Delta R.T. 0.010 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

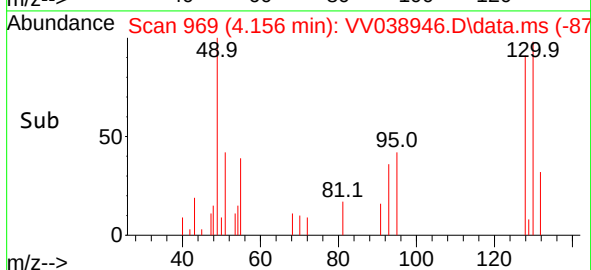
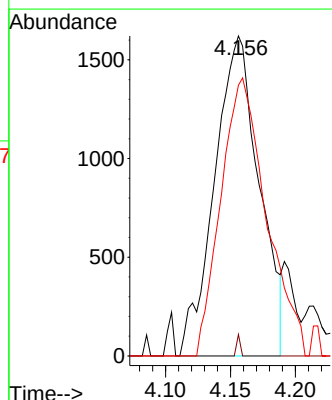
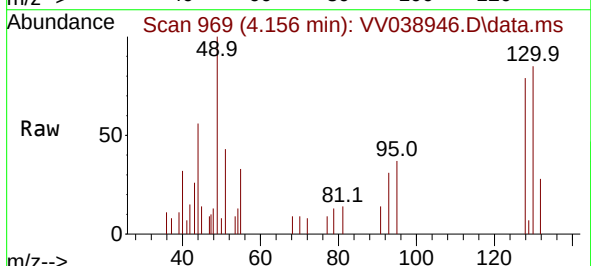
Tgt Ion: 49 Resp: 3880

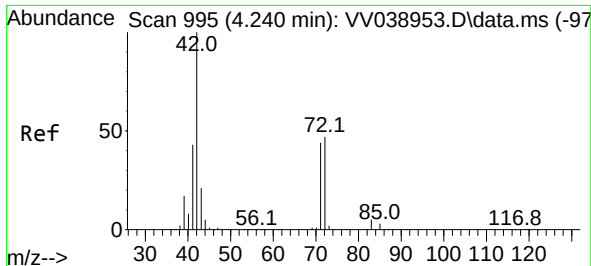
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.8

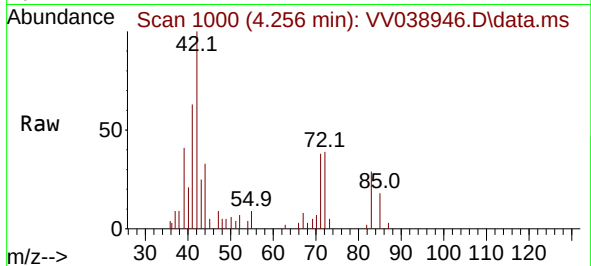
130 88.4 68.2 102.2





#29
Tetrahydrofuran
Concen: 4.833 ug/l
RT: 4.256 min Scan# 1000
Delta R.T. 0.016 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

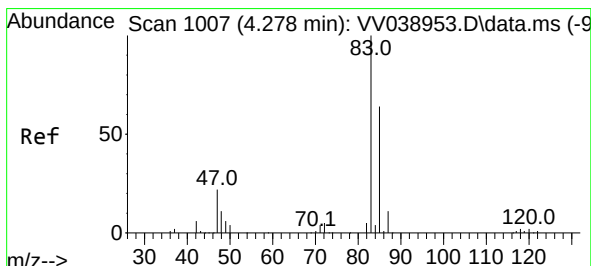
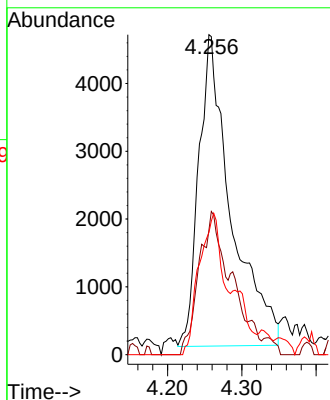
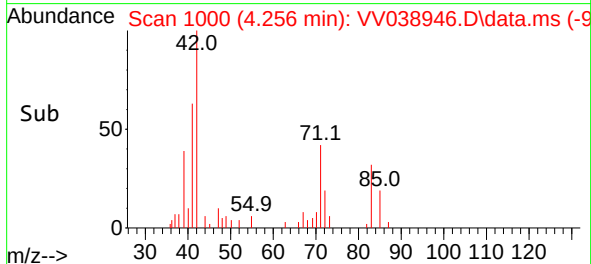
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 1388
Ion Ratio Lower Upper
42 100
72 33.8 39.4 59.2
71 33.6 36.8 55.2

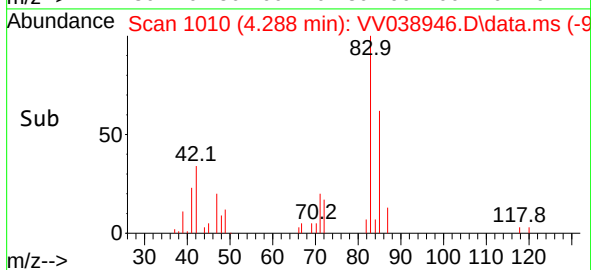
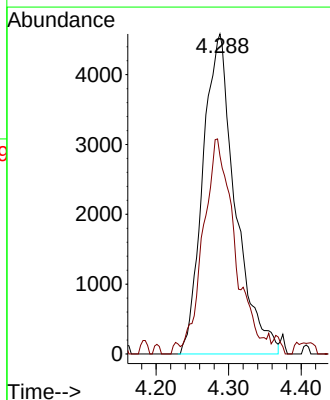
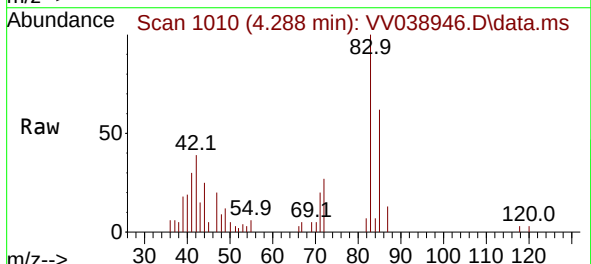
Manual Integrations
APPROVED

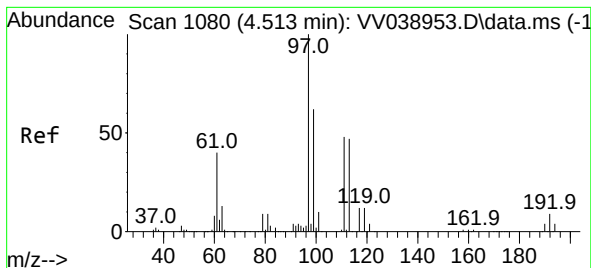
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#30
Chloroform
Concen: 1.090 ug/l
RT: 4.288 min Scan# 1010
Delta R.T. 0.010 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

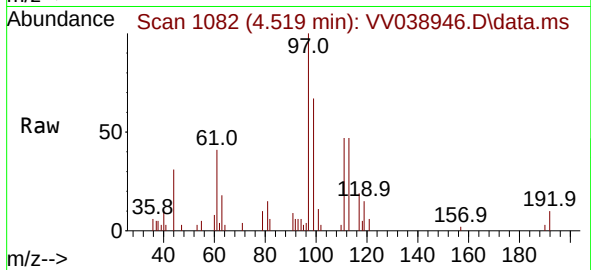
Tgt Ion: 83 Resp: 14173
Ion Ratio Lower Upper
83 100
85 58.7 51.4 77.0





#32
 1,1,1-Trichloroethane
 Concen: 1.096 ug/l
 RT: 4.519 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

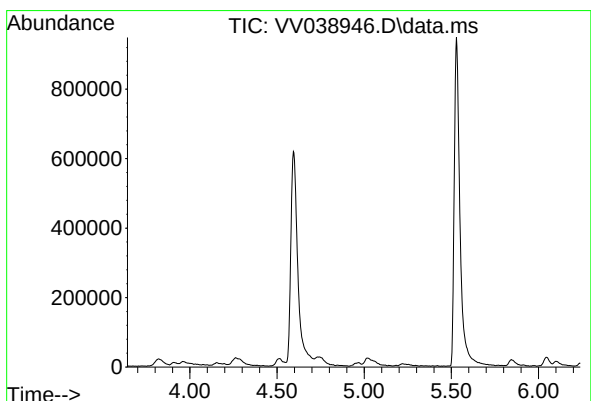
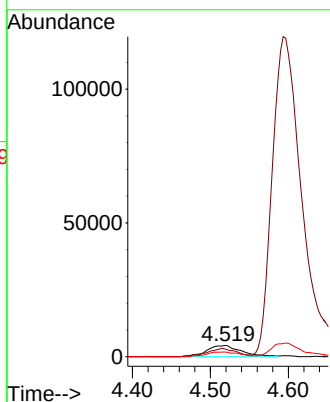
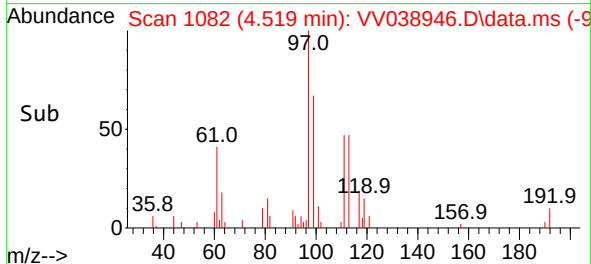
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001



Tgt Ion: 97 Resp: 1285
 Ion Ratio Lower Upper
 97 100
 99 0.0 49.2 73.8
 61 39.5 32.0 48.0

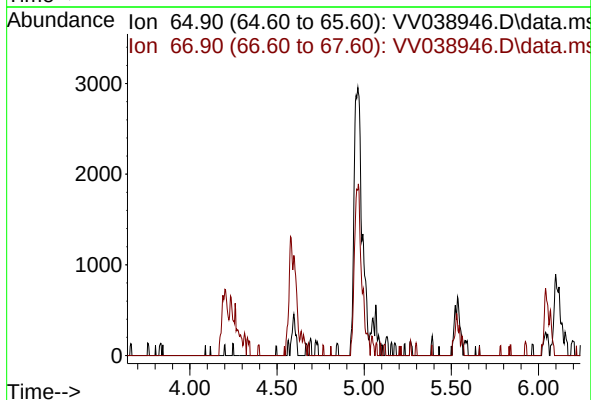
Manual Integrations
 APPROVED

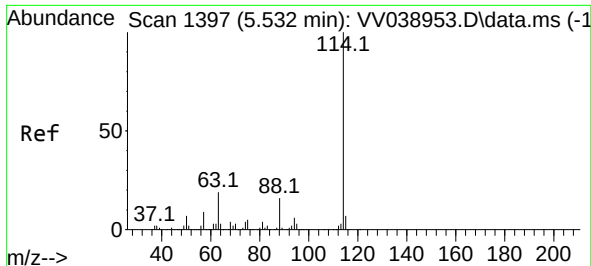
Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 4.94 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

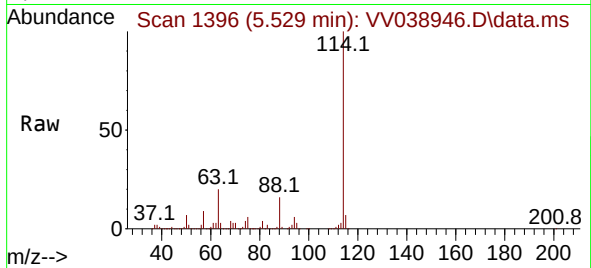
Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 53.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.529 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

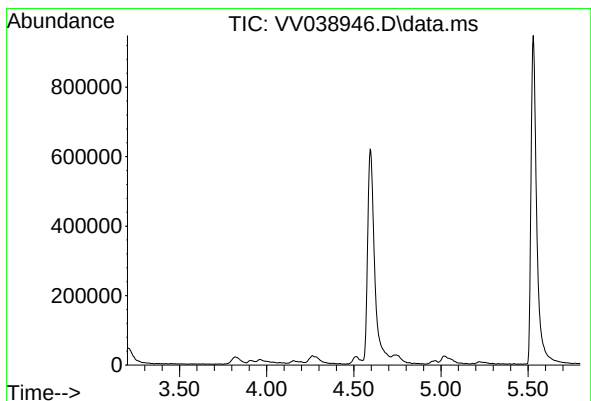
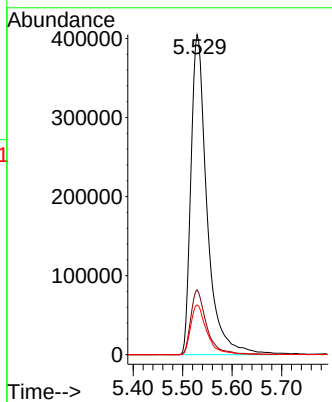
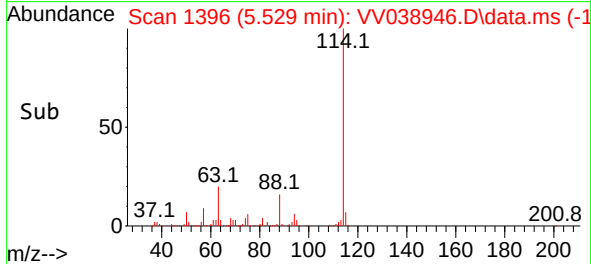
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion:114 Resp: 91923
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.8
88 15.6 0.0 31.4

Manual Integrations
APPROVED

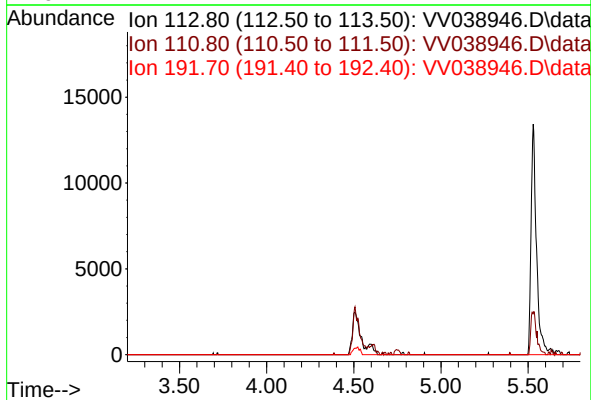
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

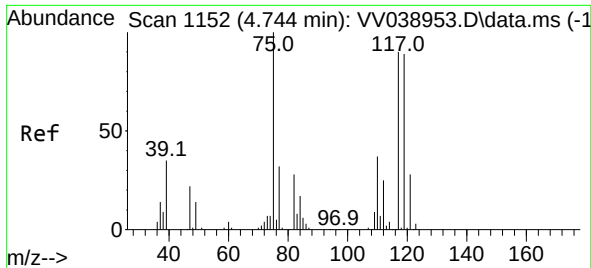


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.50 min

Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

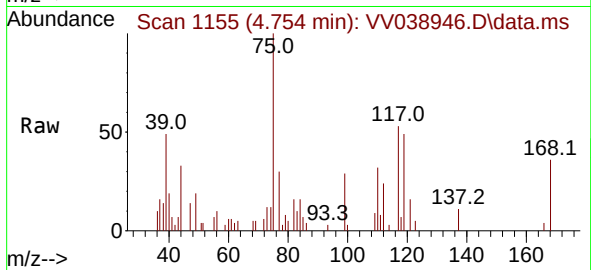
Tgt Ion: 113
Sig Exp Ratio
113 100
111 104.3
192 18.5





#36
 1,1-Dichloropropene
 Concen: 0.875 ug/l
 RT: 4.754 min Scan# 1155
 Delta R.T. 0.010 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

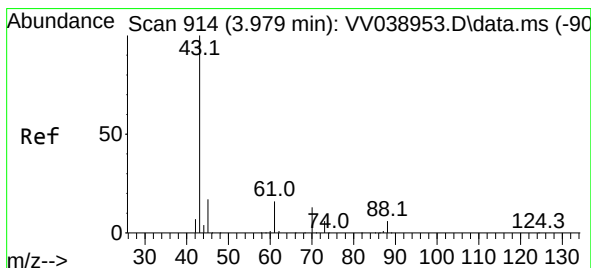
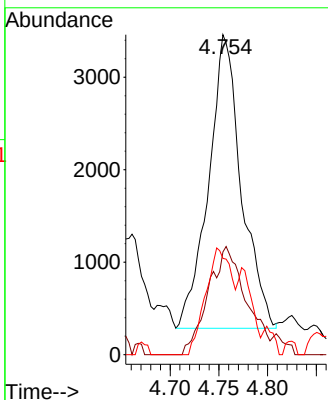
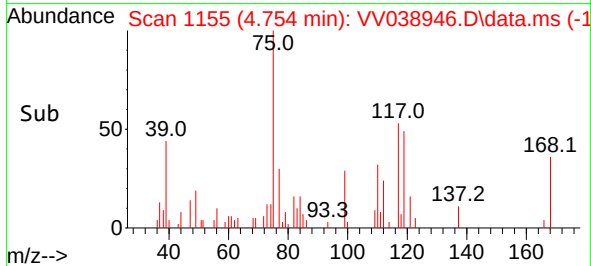
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 7448
 Ion Ratio Lower Upper
 75 100
 110 42.4 18.3 54.8
 77 28.7 25.0 37.4

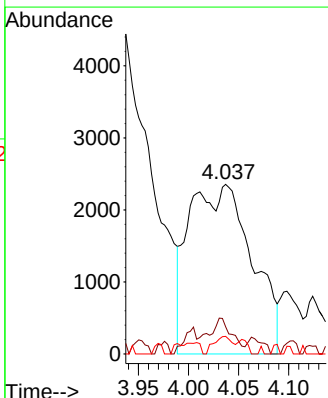
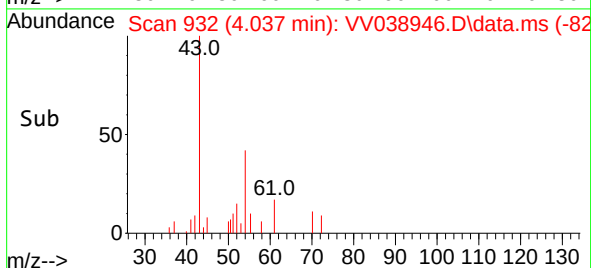
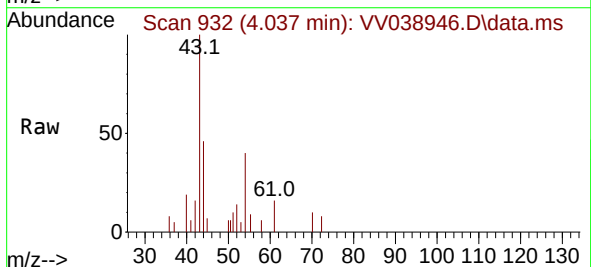
Manual Integrations
 APPROVED

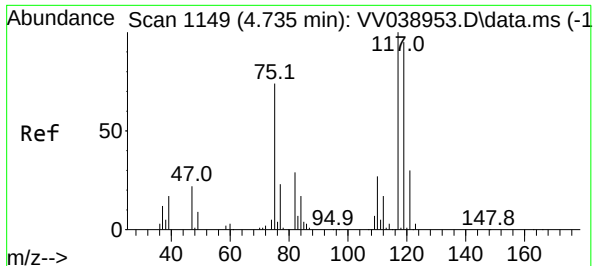
Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025



#37
 Ethyl Acetate
 Concen: 1.028 ug/l m
 RT: 4.037 min Scan# 932
 Delta R.T. 0.058 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

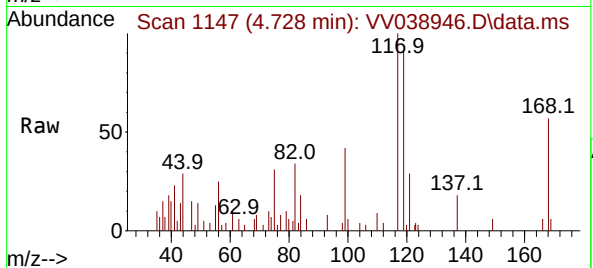
Tgt Ion: 43 Resp: 10304
 Ion Ratio Lower Upper
 43 100
 61 3.4 11.1 16.7#
 70 1.4 8.4 12.6#





#38
Carbon Tetrachloride
Concen: 0.931 ug/l
RT: 4.728 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

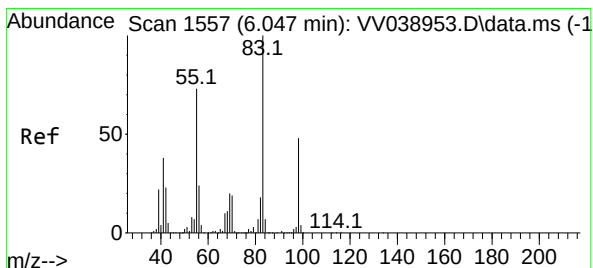
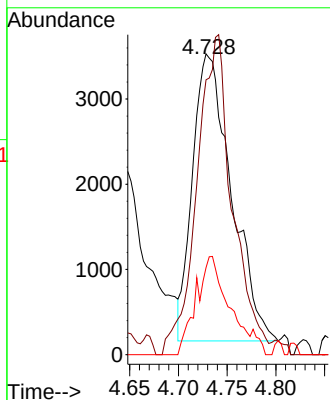
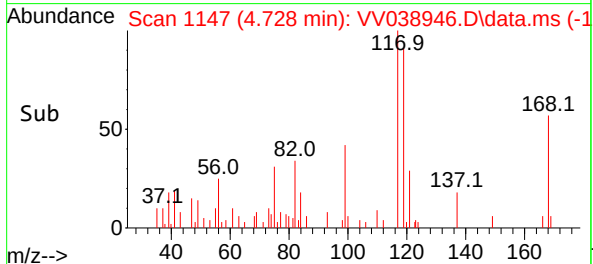
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



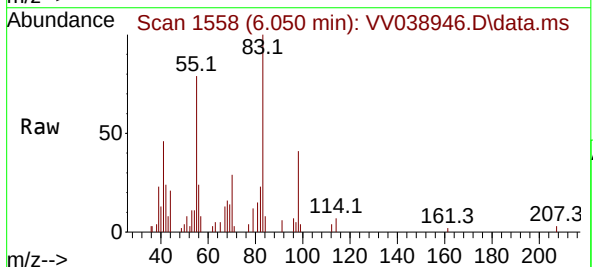
Tgt Ion: 117 Resp: 934
Ion Ratio Lower Upper
117 100
119 91.1 75.4 113.0
121 30.3 23.8 35.8

Manual Integrations
APPROVED

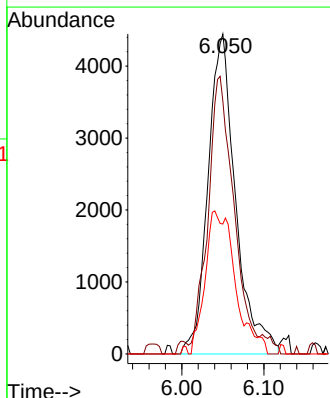
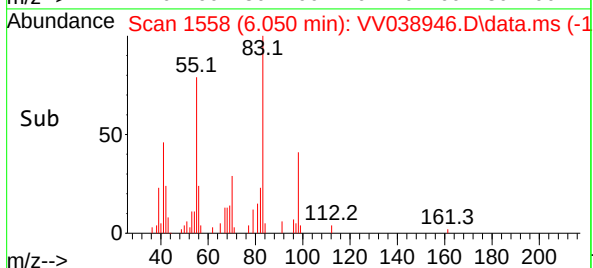
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

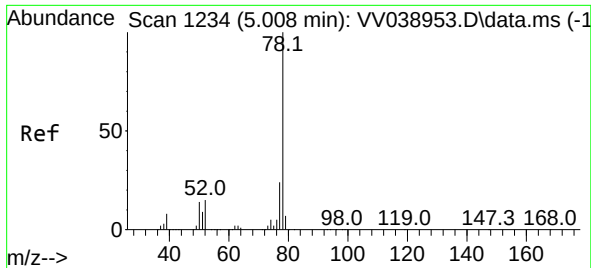


#39
Methylcyclohexane
Concen: 0.930 ug/l
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31



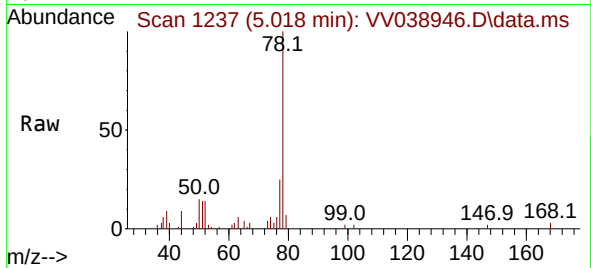
Tgt Ion: 83 Resp: 10406
Ion Ratio Lower Upper
83 100
55 76.6 58.4 87.6
98 40.6 38.6 57.8





#40
Benzene
Concen: 0.995 ug/l
RT: 5.018 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

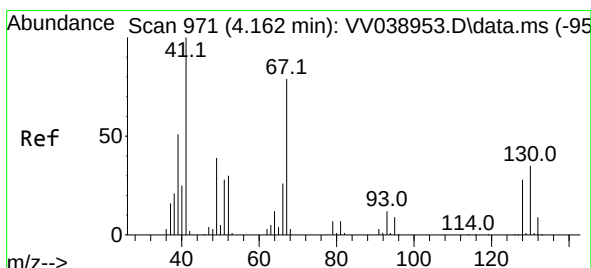
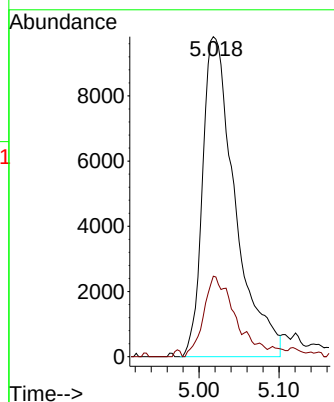
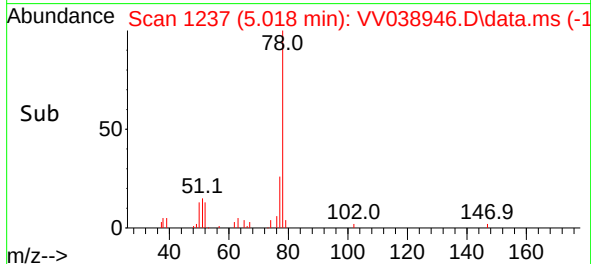
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion: 78 Resp: 27770
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

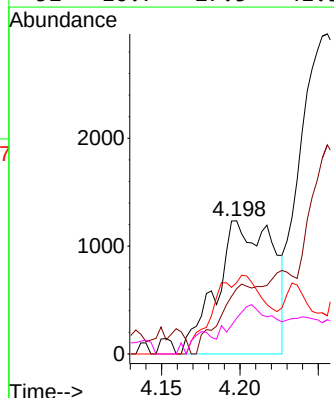
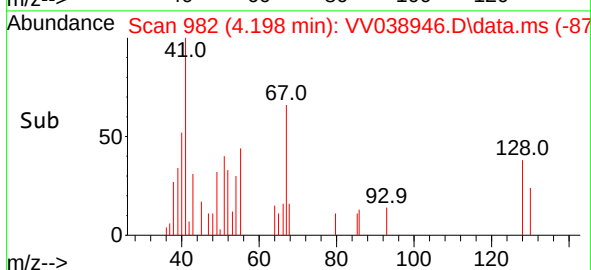
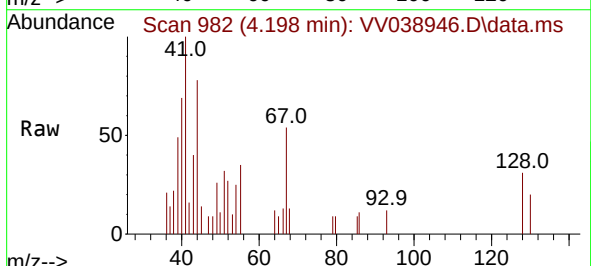
Manual Integrations
APPROVED

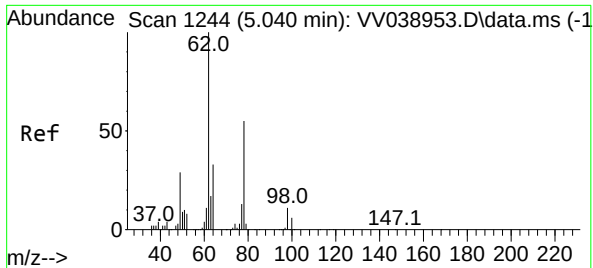
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#41
Methacrylonitrile
Concen: 0.804 ug/l m
RT: 4.198 min Scan# 982
Delta R.T. 0.035 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion: 41 Resp: 3082
Ion Ratio Lower Upper
41 100
39 29.6 41.4 62.2#
67 54.9 72.0 108.0#
52 16.7 27.5 41.3#





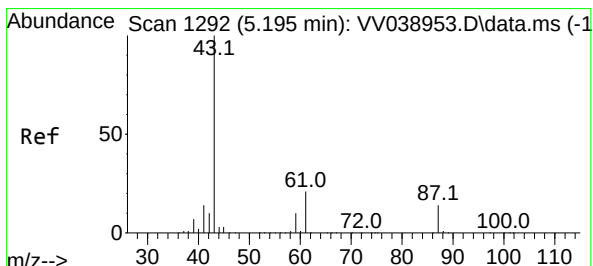
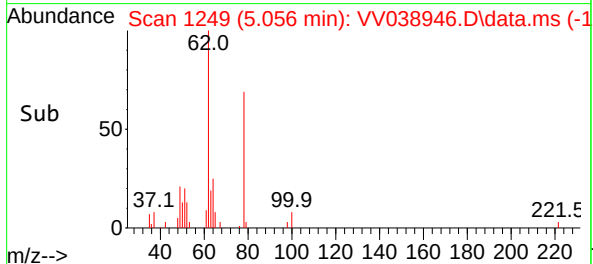
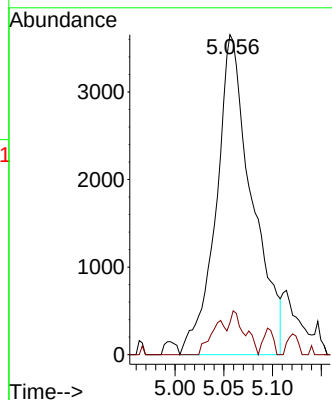
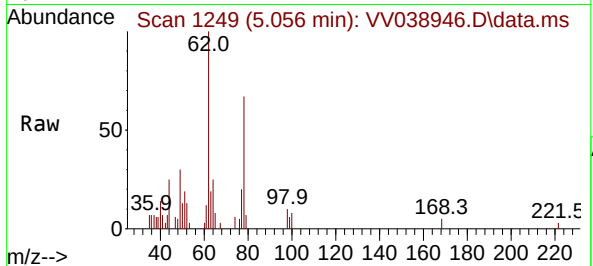
#42
1,2-Dichloroethane
Concen: 0.967 ug/l
RT: 5.056 min Scan# 1100
Delta R.T. 0.016 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 9292
Ion Ratio Lower Upper
62 100
98 5.7 0.0 19.8

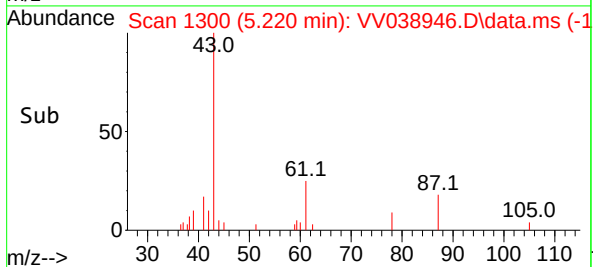
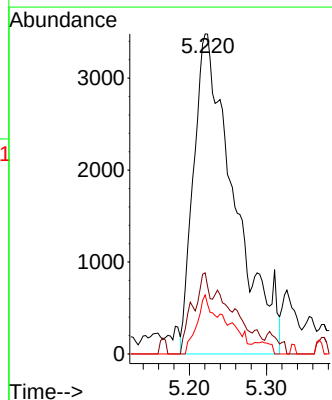
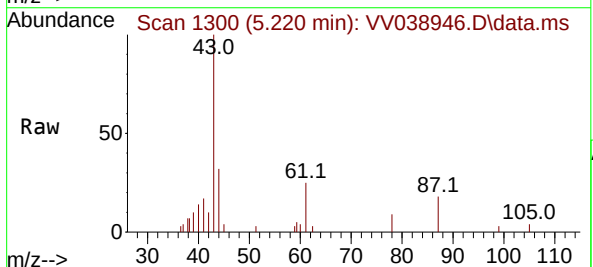
Manual Integrations
APPROVED

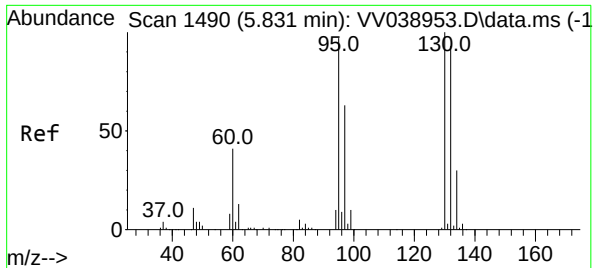
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#43
Isopropyl Acetate
Concen: 0.934 ug/l m
RT: 5.220 min Scan# 1300
Delta R.T. 0.026 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion: 43 Resp: 12682
Ion Ratio Lower Upper
43 100
61 2.8 17.0 25.6#
87 7.7 11.3 16.9#





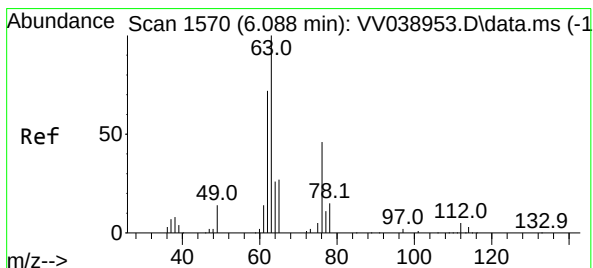
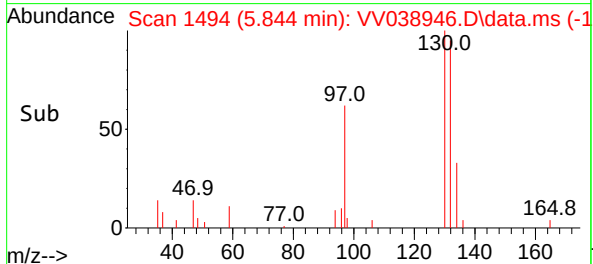
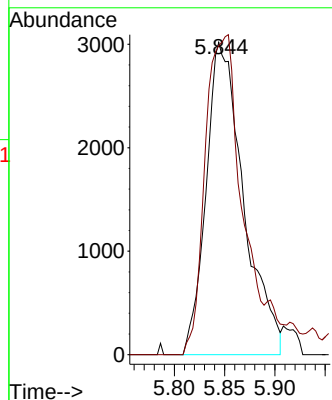
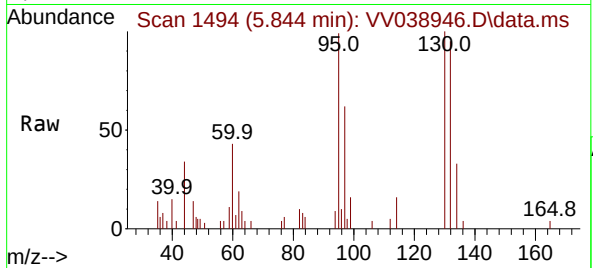
#44
Trichloroethene
Concen: 1.082 ug/l
RT: 5.844 min Scan# 1490
Delta R.T. 0.013 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion:130 Resp: 7819
Ion Ratio Lower Upper
130 100
95 99.0 0.0 193.4

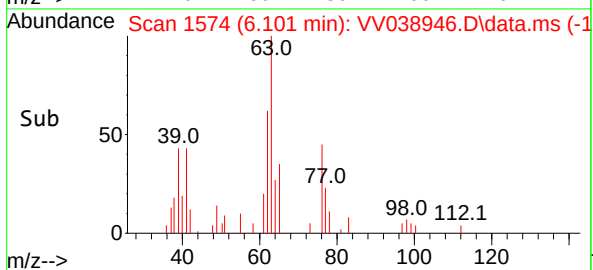
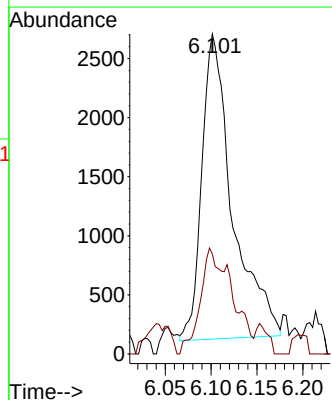
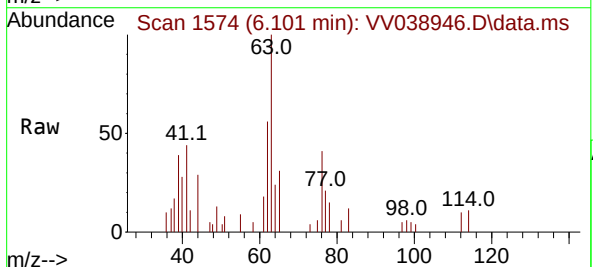
Manual Integrations
APPROVED

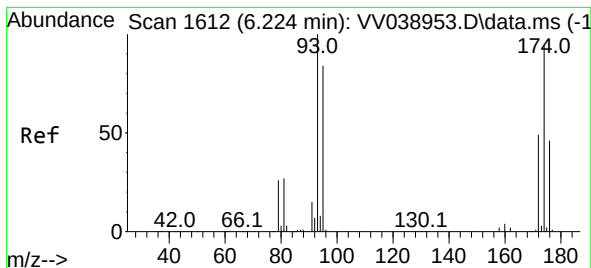
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#45
1,2-Dichloropropane
Concen: 0.921 ug/l
RT: 6.101 min Scan# 1574
Delta R.T. 0.013 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion: 63 Resp: 5996
Ion Ratio Lower Upper
63 100
65 33.2 23.8 35.8





#46

Dibromomethane

Concen: 1.037 ug/l

RT: 6.246 min Scan# 1619

Delta R.T. 0.022 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

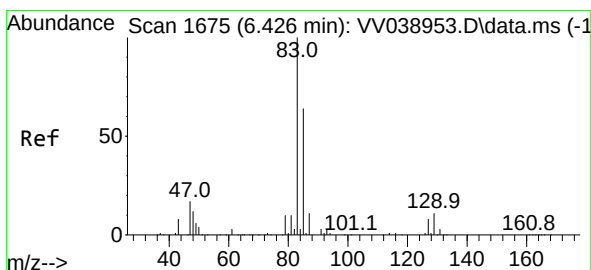
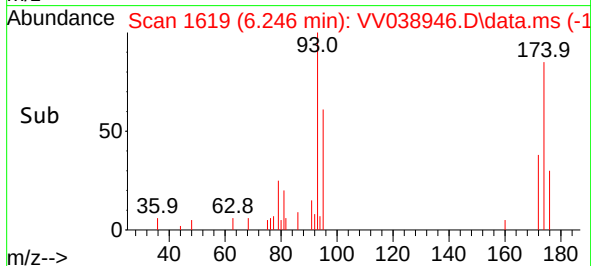
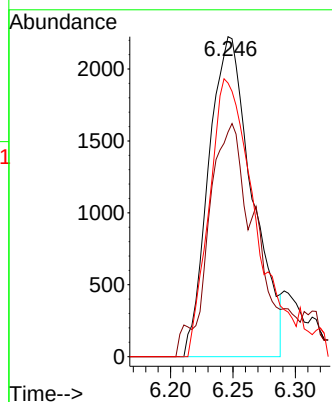
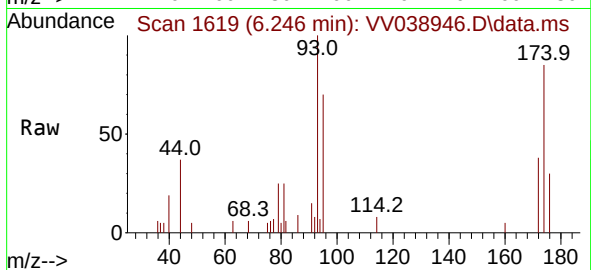
VSTDIC001

Tgt Ion: 93	Resp: 540
Ion Ratio	Lower Upper
93 100	
95 58.2	66.2 99.4
174 91.4	75.5 113.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#47

Bromodichloromethane

Concen: 0.915 ug/l

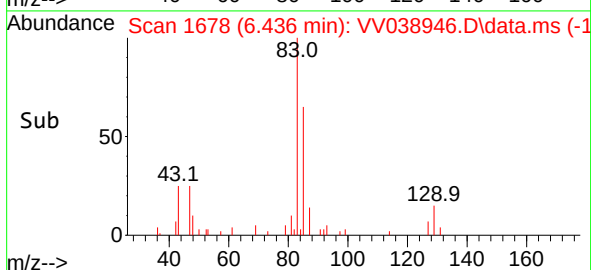
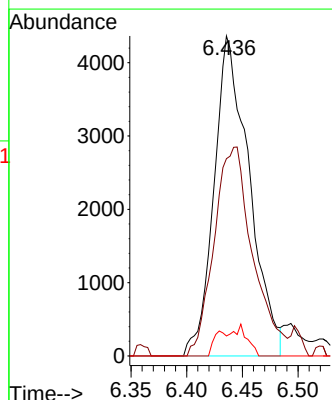
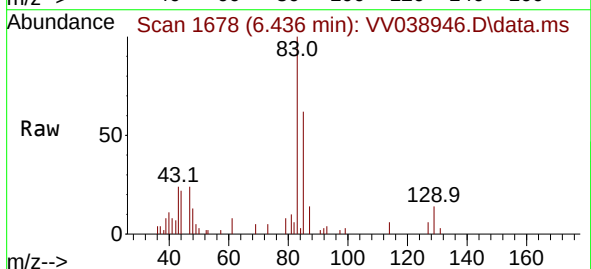
RT: 6.436 min Scan# 1678

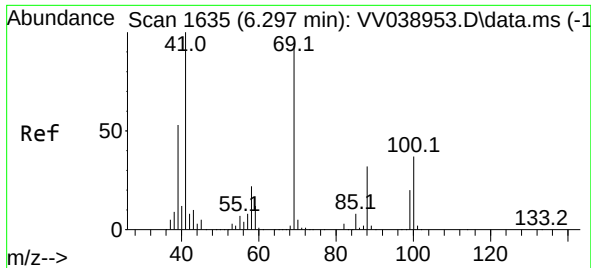
Delta R.T. 0.010 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Tgt Ion: 83	Resp: 9592
Ion Ratio	Lower Upper
83 100	
85 61.7	51.0 76.6
127 6.2	6.7 10.1#





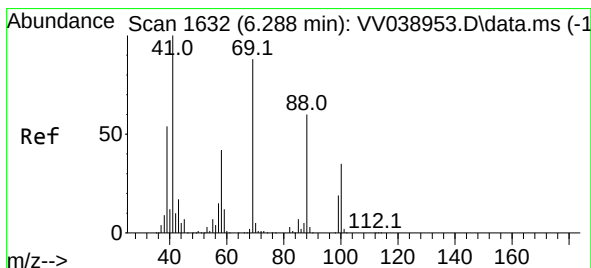
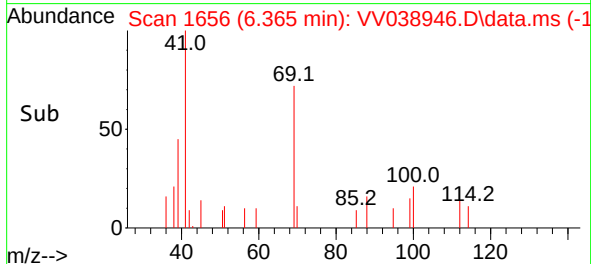
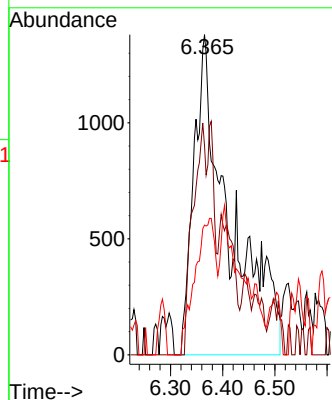
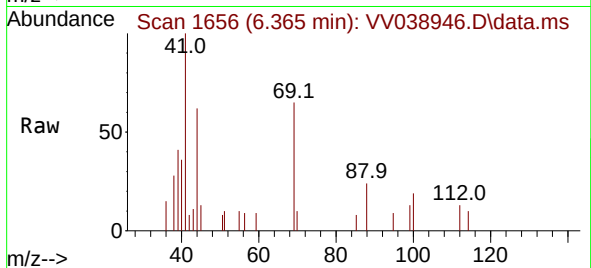
#48
Methyl methacrylate
Concen: 1.030 ug/l m
RT: 6.365 min Scan# 1656
Delta R.T. 0.067 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 644
Ion Ratio Lower Upper
41 100
69 0.0 75.8 113.8
39 1.2 43.0 64.4

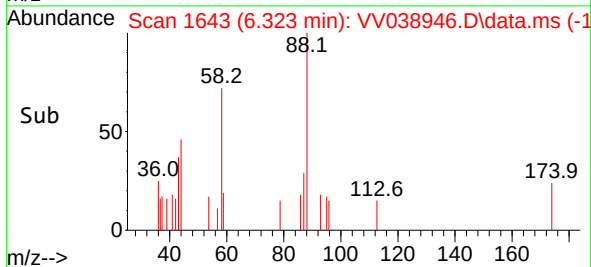
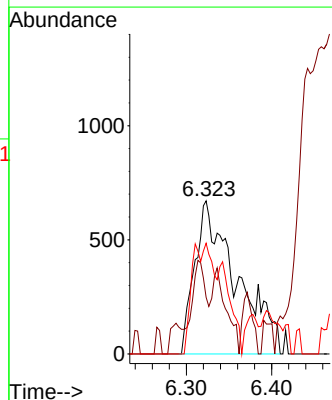
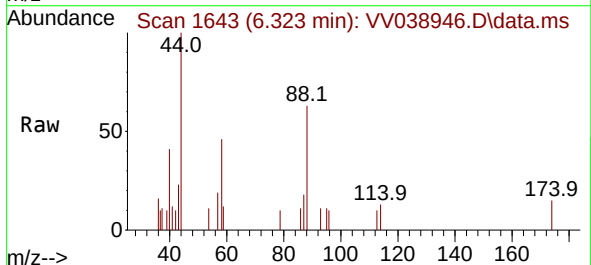
Manual Integrations
APPROVED

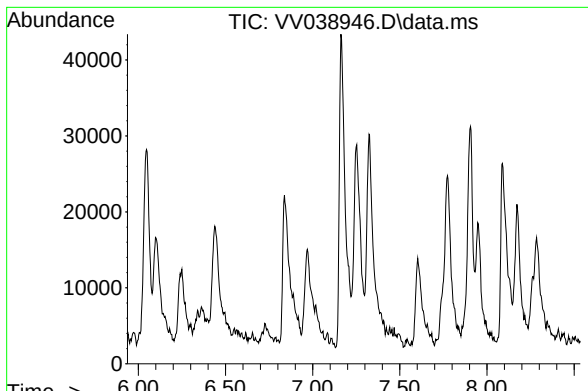
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#49
1,4-Dioxane
Concen: 18.524 ug/l m
RT: 6.323 min Scan# 1643
Delta R.T. 0.035 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion: 88 Resp: 2294
Ion Ratio Lower Upper
88 100
43 12.4 23.9 35.9#
58 17.4 54.1 81.1#

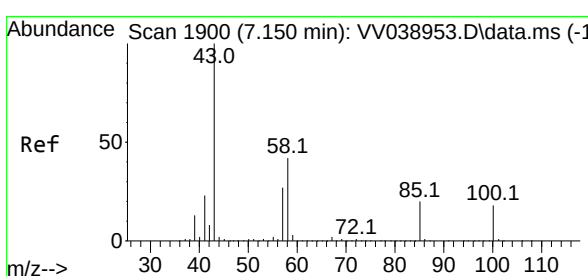
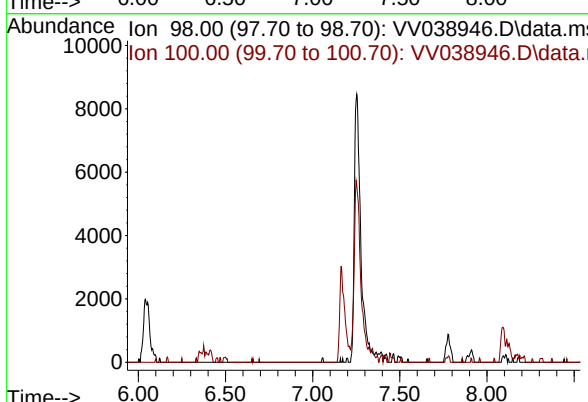




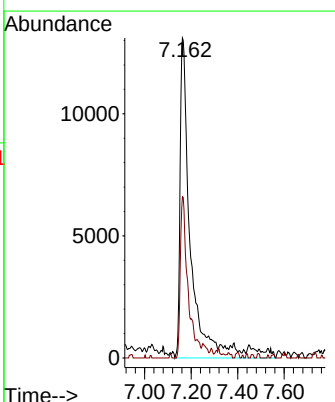
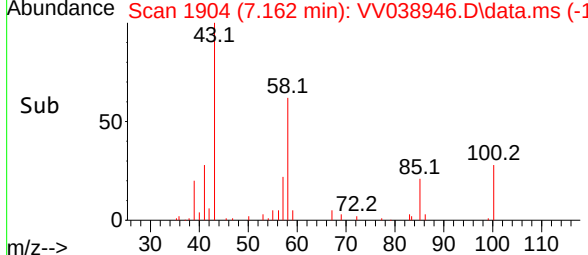
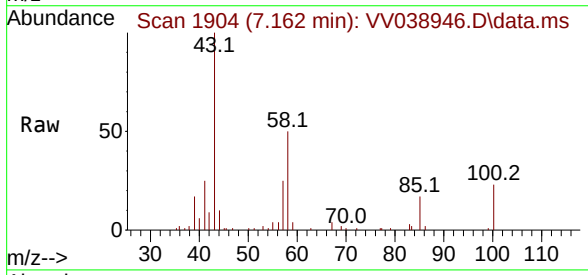
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 7.24 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31
 Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 66.3

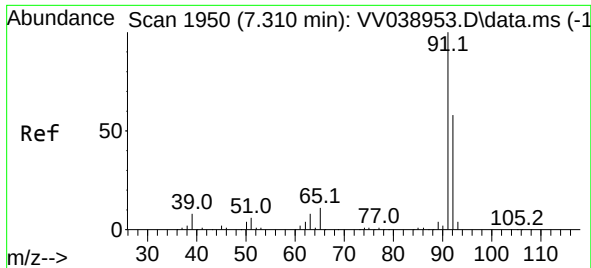
Instrument :
 MSVOA_V
ClientSampleId :
 VSTDICC001

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 Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025



#51
 4-Methyl-2-Pentanone
 Concen: 4.607 ug/l m
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.013 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31
 Tgt Ion: 43 Resp: 42552
 Ion Ratio Lower Upper
 43 100
 58 33.2 33.2 49.8





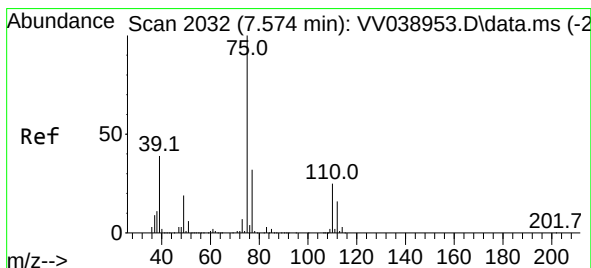
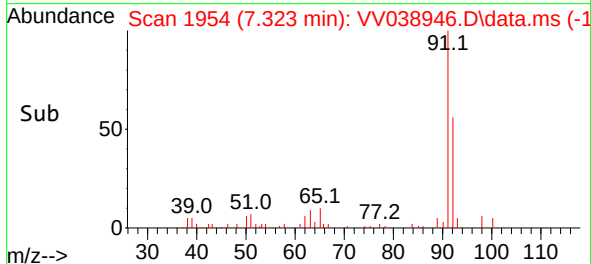
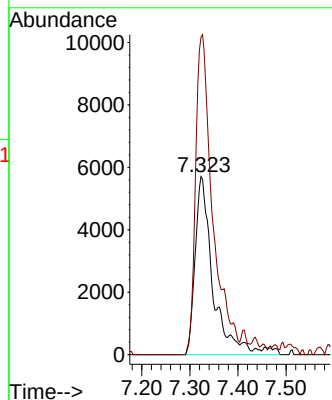
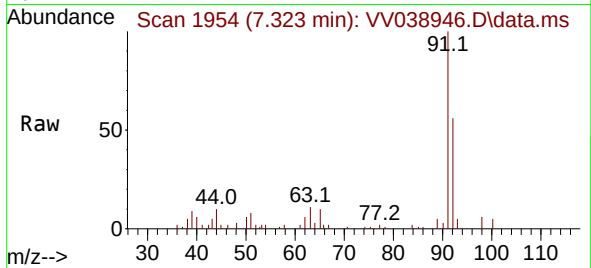
#52
Toluene
Concen: 0.874 ug/l m
RT: 7.323 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 92 Resp: 14889
Ion Ratio Lower Upper
92 100
91 169.4 138.9 208.3

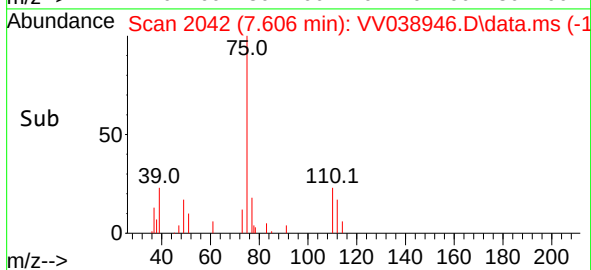
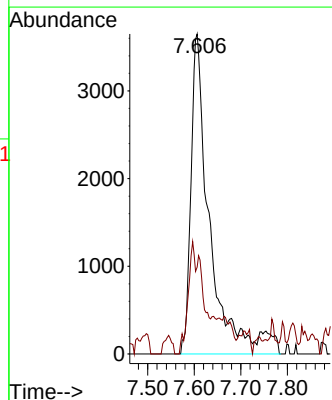
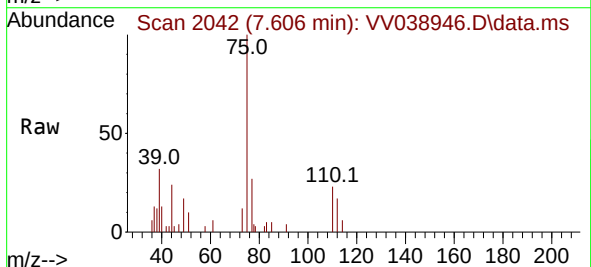
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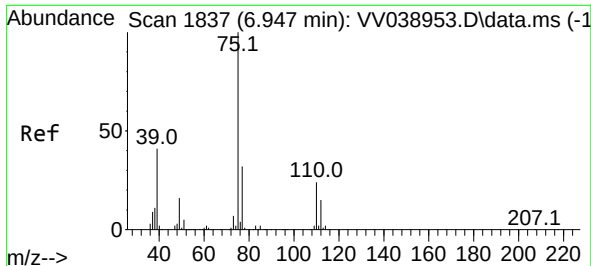
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#53
t-1,3-Dichloropropene
Concen: 1.026 ug/l m
RT: 7.606 min Scan# 2042
Delta R.T. 0.032 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

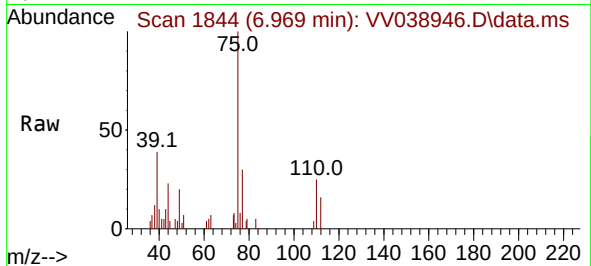
Tgt Ion: 75 Resp: 10248
Ion Ratio Lower Upper
75 100
77 27.2 25.4 38.0





#54
 cis-1,3-Dichloropropene
 Concen: 0.927 ug/l m
 RT: 6.969 min Scan# 1844
 Delta R.T. 0.022 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

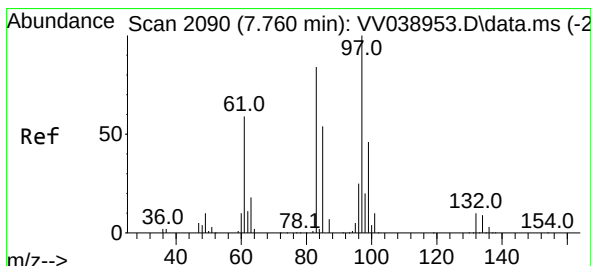
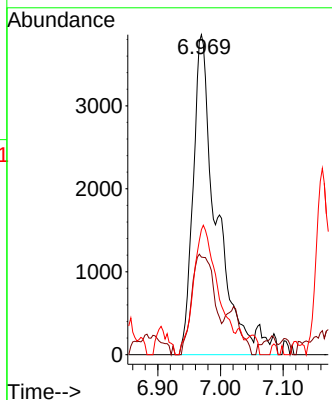
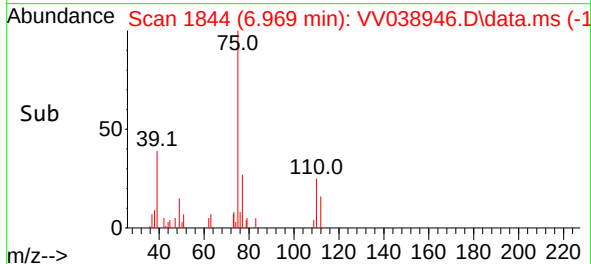
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 10170
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.7 38.5
 39 39.1 32.6 49.0

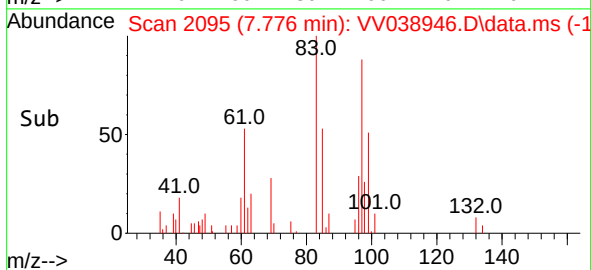
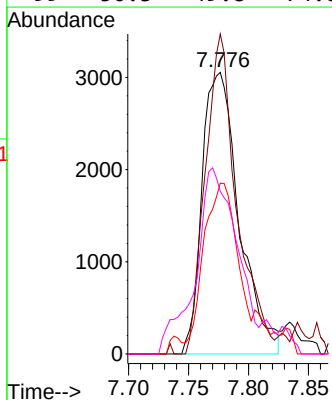
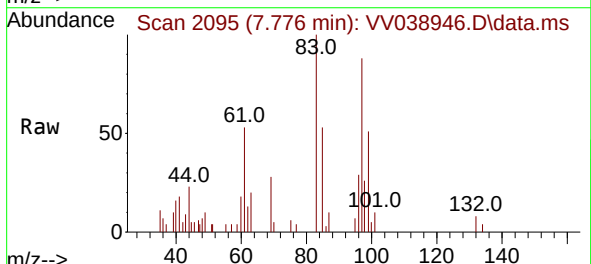
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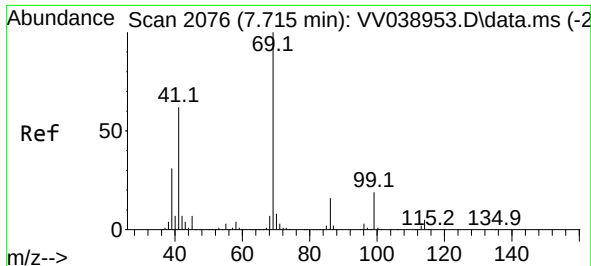
Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025



#55
 1,1,2-Trichloroethane
 Concen: 0.924 ug/l
 RT: 7.776 min Scan# 2095
 Delta R.T. 0.016 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

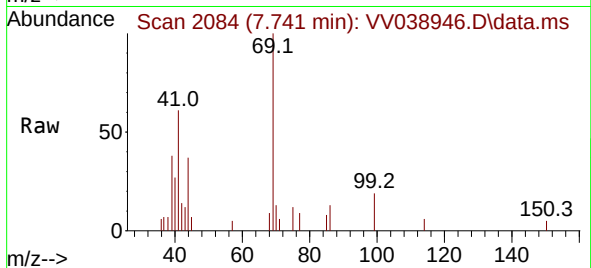
Tgt Ion: 97 Resp: 6572
 Ion Ratio Lower Upper
 97 100
 83 113.6 66.7 100.1#
 85 55.0 44.5 66.7
 99 50.3 49.8 74.8





#56
Ethyl methacrylate
Concen: 0.896 ug/l m
RT: 7.741 min Scan# 2076
Delta R.T. 0.026 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

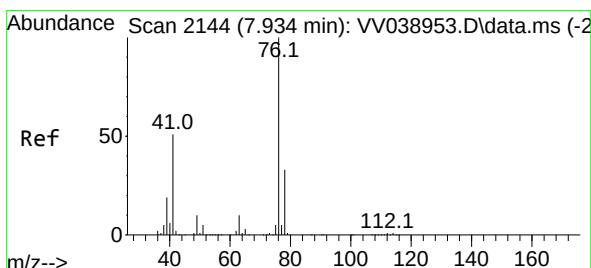
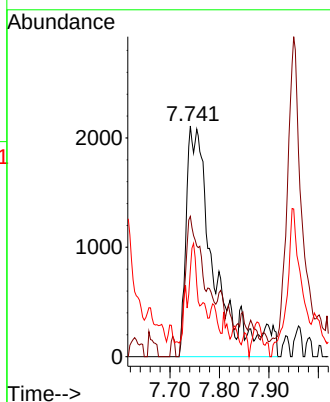
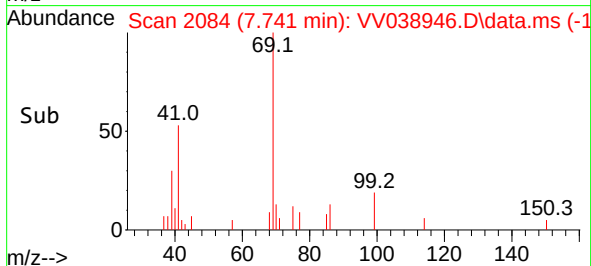
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 8264
Ion Ratio Lower Upper
69 100
41 34.2 48.1 72.1
39 6.1 24.3 36.5

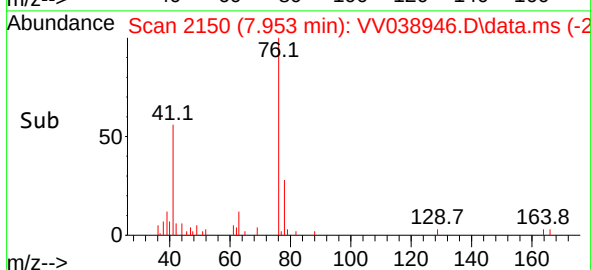
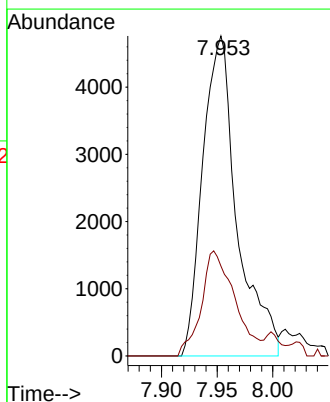
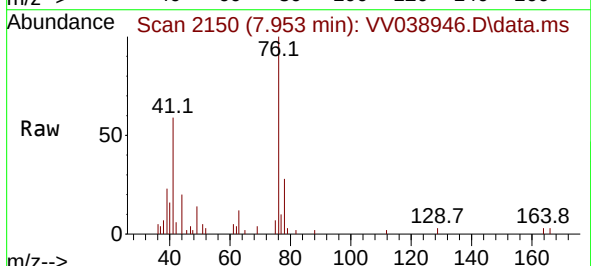
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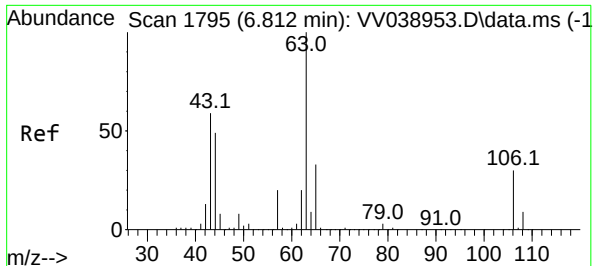
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#57
1,3-Dichloropropane
Concen: 0.905 ug/l
RT: 7.953 min Scan# 2150
Delta R.T. 0.019 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion: 76 Resp: 10231
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.2





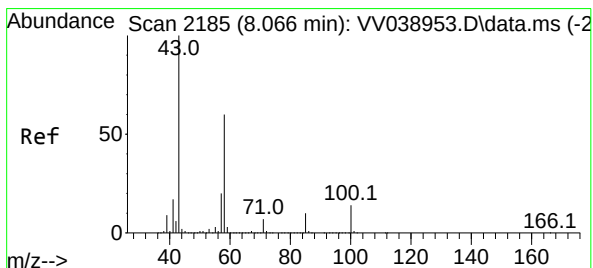
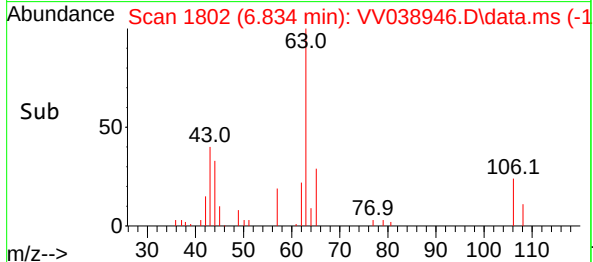
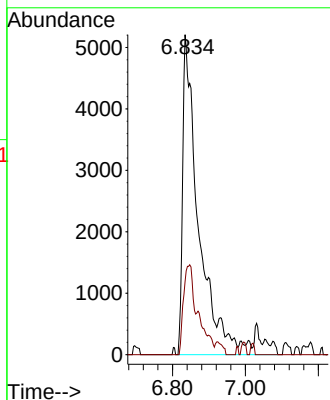
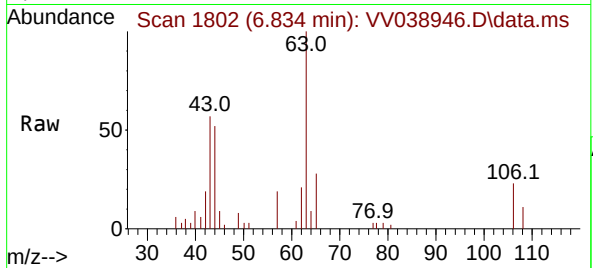
#58
2-Chloroethyl Vinyl ether
Concen: 9.817 ug/l m
RT: 6.834 min Scan# 1795
Delta R.T. 0.022 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Instrument : MSVOA_V
ClientSampleId : VSTDICC001

Tgt Ion: 63 Resp: 1672
Ion Ratio Lower Upper
63 100
106 16.5 23.8 35.8

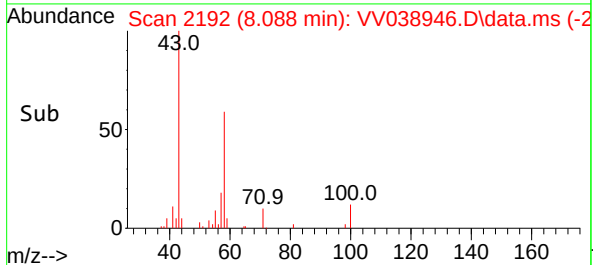
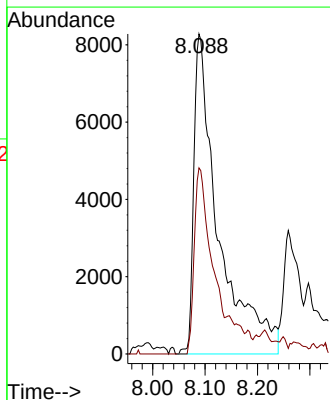
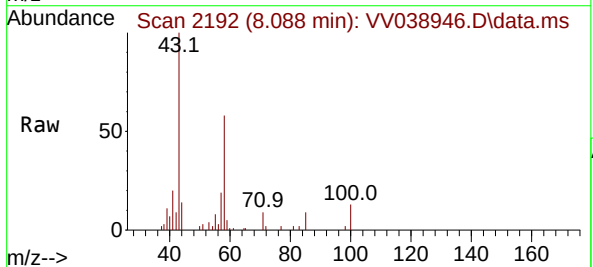
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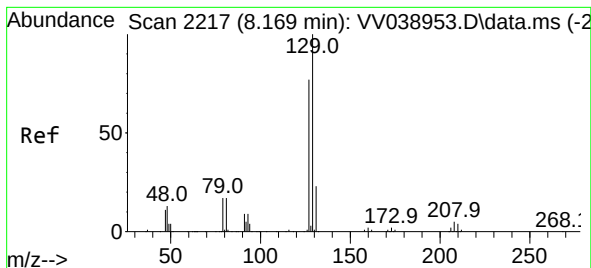
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#59
2-Hexanone
Concen: 3.957 ug/l m
RT: 8.088 min Scan# 2192
Delta R.T. 0.022 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion: 43 Resp: 26953
Ion Ratio Lower Upper
43 100
58 40.9 29.3 87.9





#60

Dibromochloromethane

Concen: 0.993 ug/l

RT: 8.172 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion:129 Resp: 8538

Ion Ratio Lower Upper

129 100

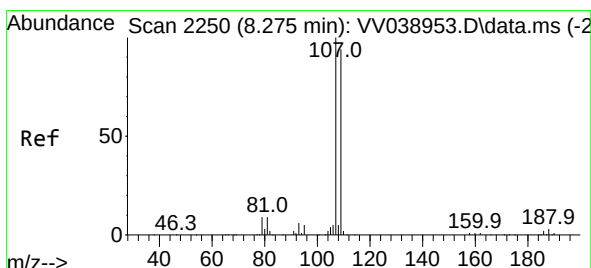
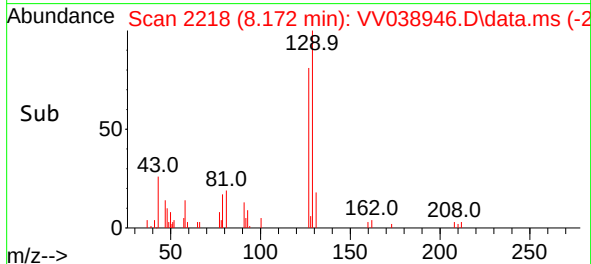
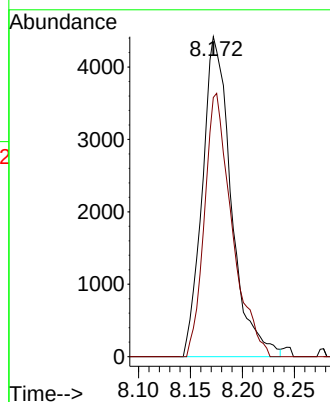
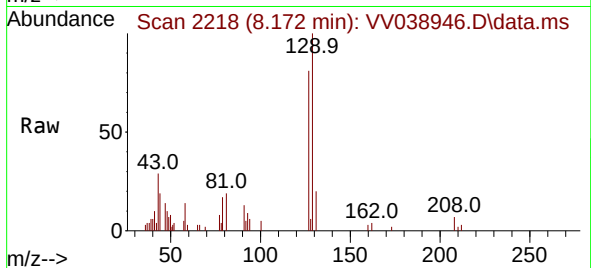
127 78.4 38.2 114.6

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Reviewed By :Mahesh Dadoda 08/18/2025

Supervised By :Semsettin Yesilyurt 08/18/2025



#61

1,2-Dibromoethane

Concen: 0.952 ug/l

RT: 8.288 min Scan# 2254

Delta R.T. 0.013 min

Lab File: VV038946.D

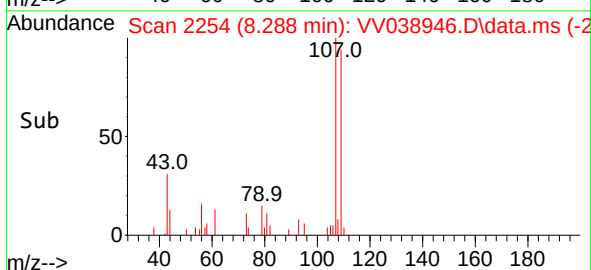
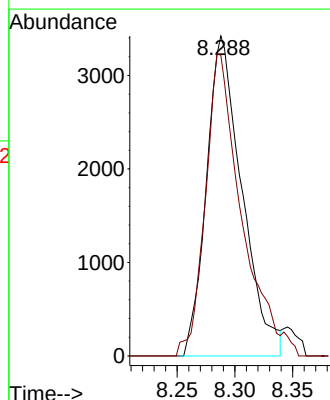
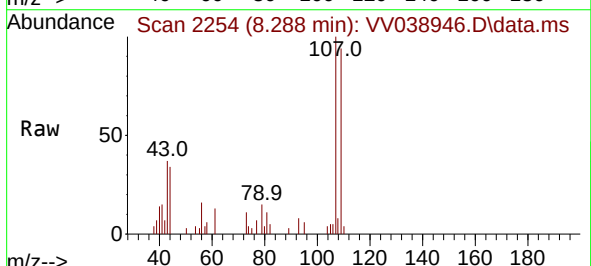
Acq: 13 Aug 2025 12:31

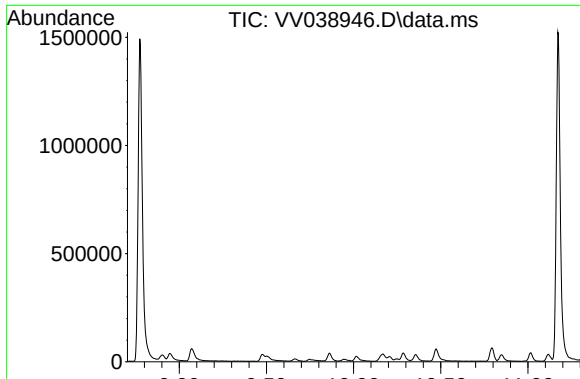
Tgt Ion:107 Resp: 7289

Ion Ratio Lower Upper

107 100

109 96.6 75.8 113.6





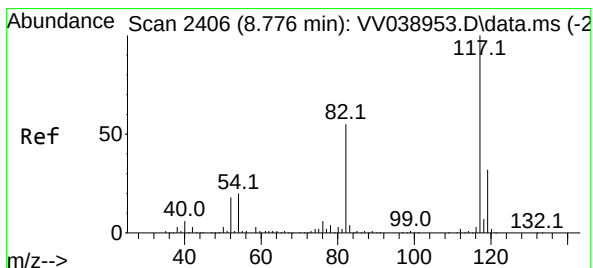
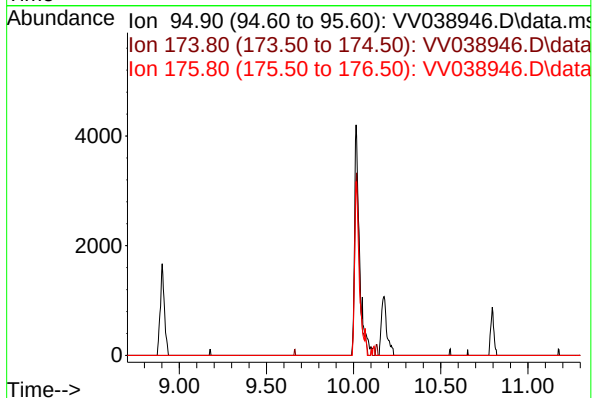
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 10.00 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 76.2
 176 72.2

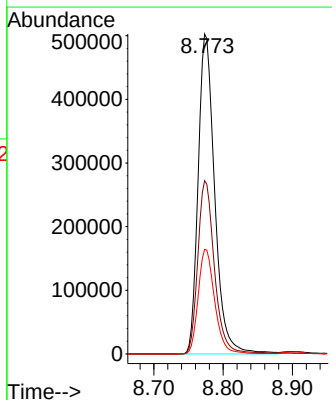
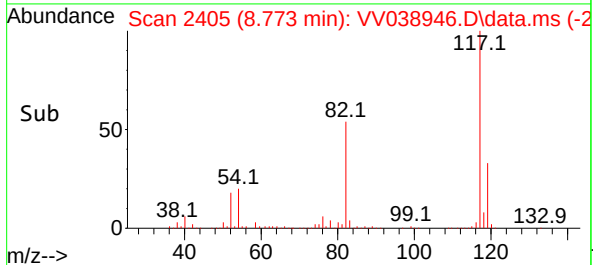
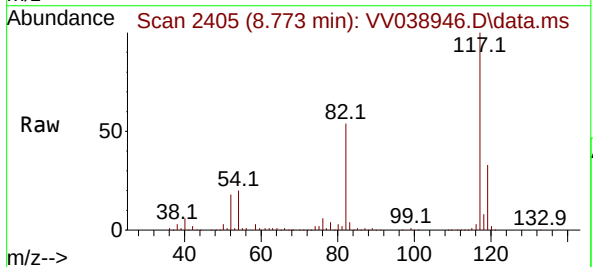
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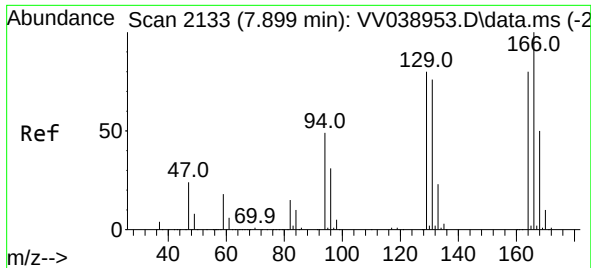
Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 8.773 min Scan# 2405
 Delta R.T. -0.003 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

Tgt Ion:117 Resp: 836092
 Ion Ratio Lower Upper
 117 100
 82 54.1 44.1 66.1
 119 32.7 25.4 38.0





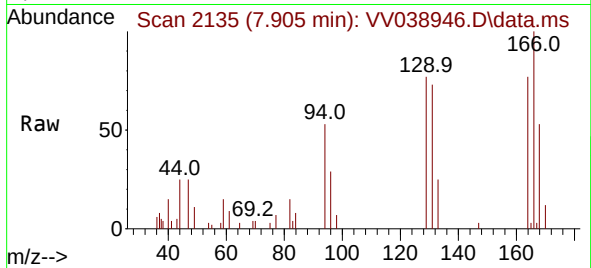
#64
Tetrachloroethene
Concen: 1.126 ug/l
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

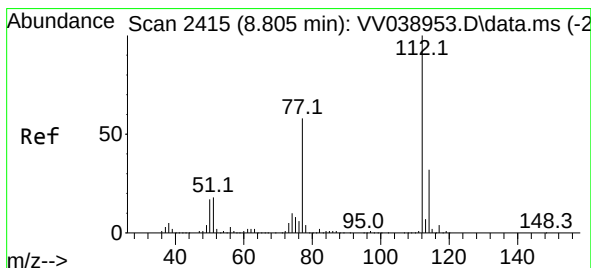
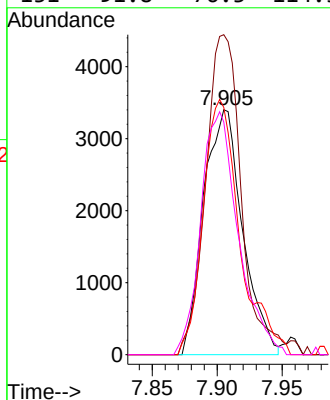
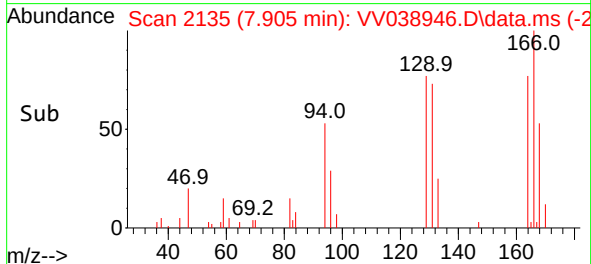


Tgt Ion:164 Resp: 7120
Ion Ratio Lower Upper
164 100
166 130.6 100.1 150.1
129 100.9 80.2 120.4
131 91.8 76.3 114.5

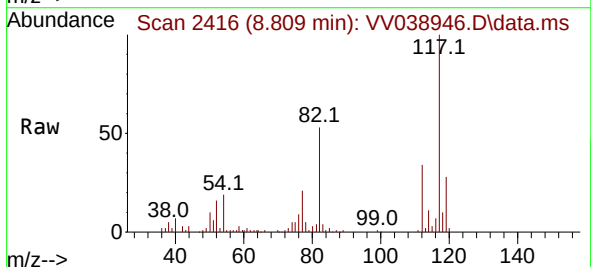
Manual Integrations

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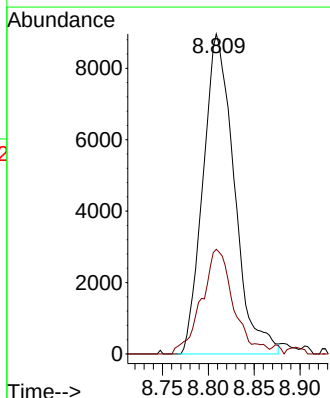
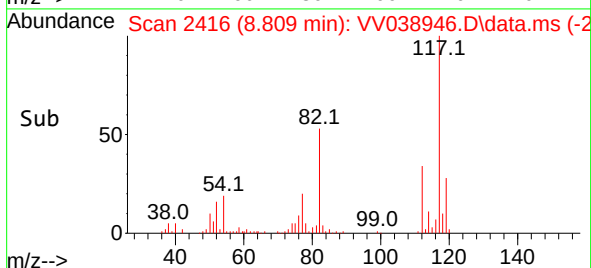
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

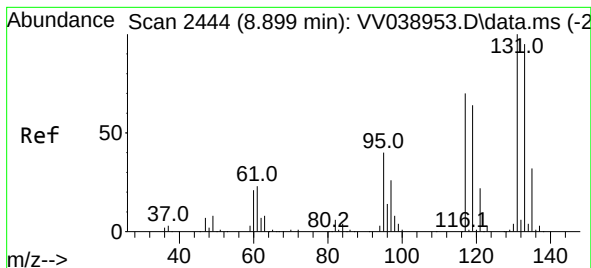


#65
Chlorobenzene
Concen: 1.078 ug/l
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31



Tgt Ion:112 Resp: 21150
Ion Ratio Lower Upper
112 100
114 30.3 25.9 38.9





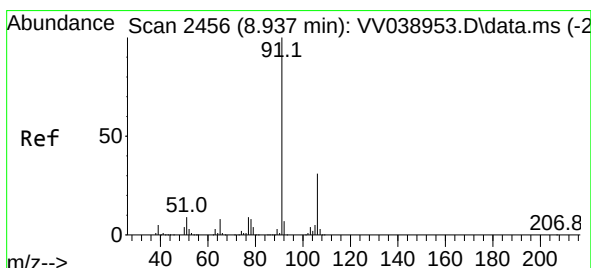
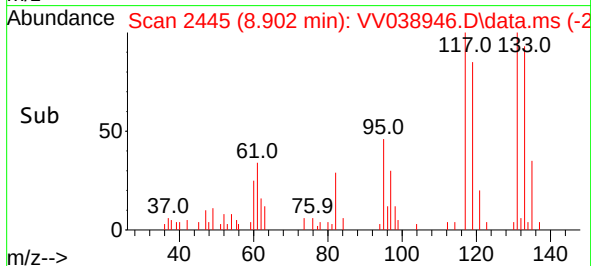
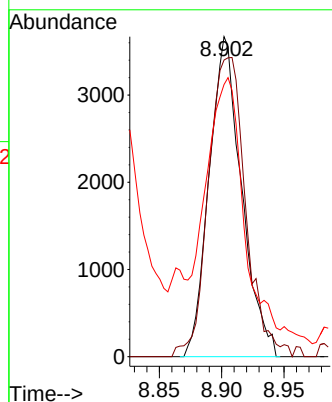
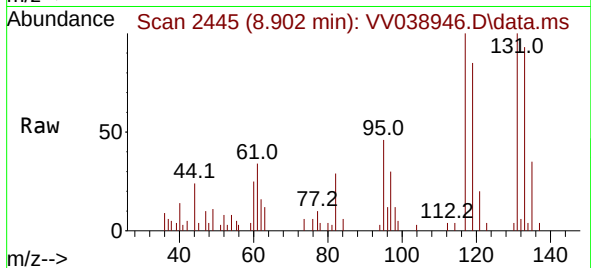
#66
1,1,1,2-Tetrachloroethane
Concen: 0.971 ug/l
RT: 8.902 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 662
Ion Ratio Lower Upper
131 100
133 107.7 47.5 142.6
119 0.0 32.3 96.8

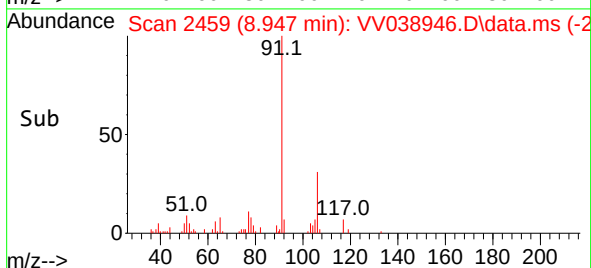
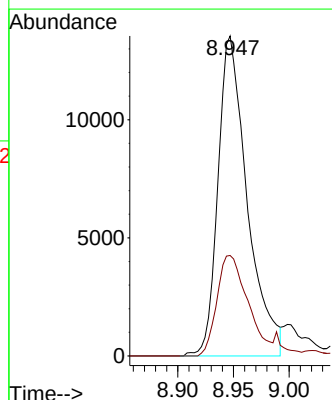
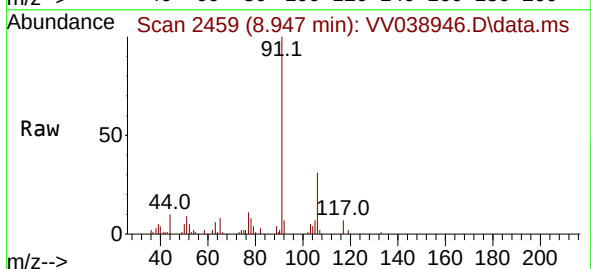
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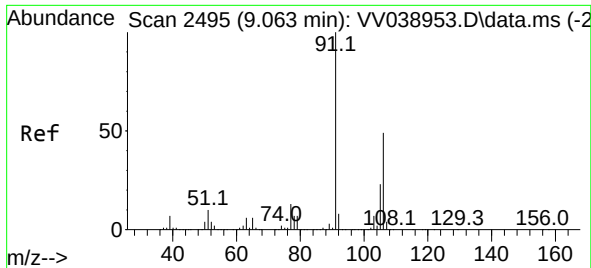
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#67
Ethyl Benzene
Concen: 0.835 ug/l
RT: 8.947 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

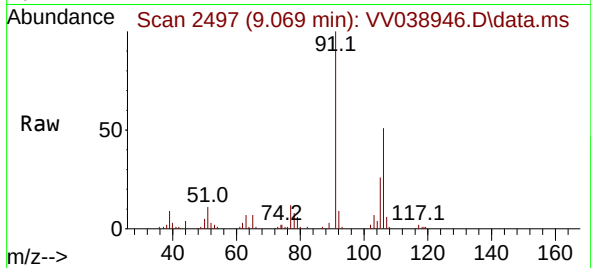
Tgt Ion: 91 Resp: 24760
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3





#68
m/p-Xylenes
Concen: 1.609 ug/l
RT: 9.069 min Scan# 2495
Delta R.T. 0.006 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

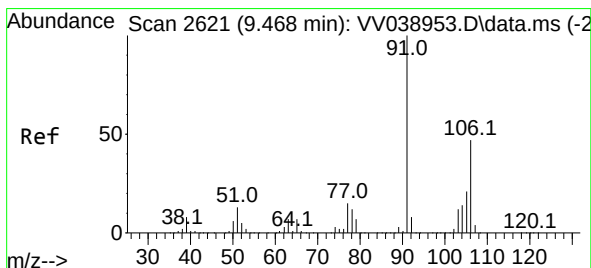
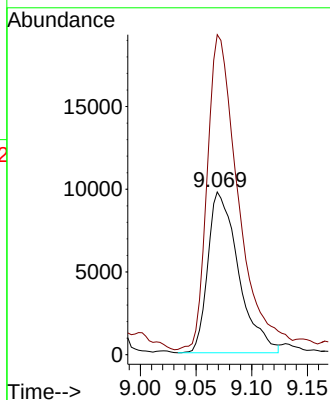
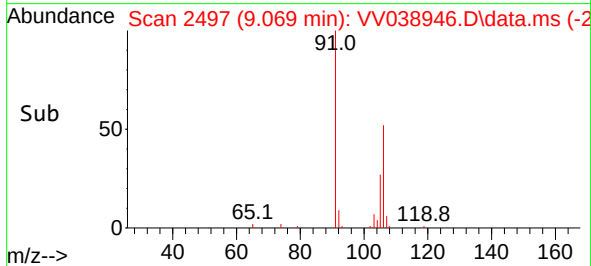
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion:106 Resp: 18670
Ion Ratio Lower Upper
106 100
91 197.3 163.0 244.6

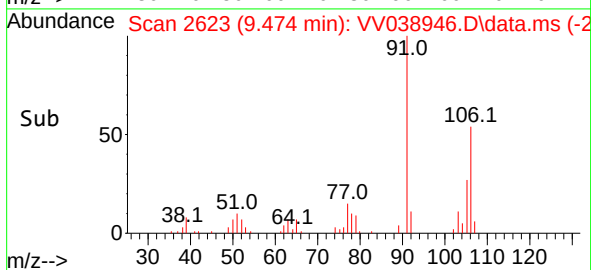
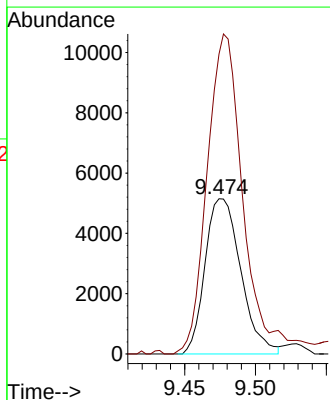
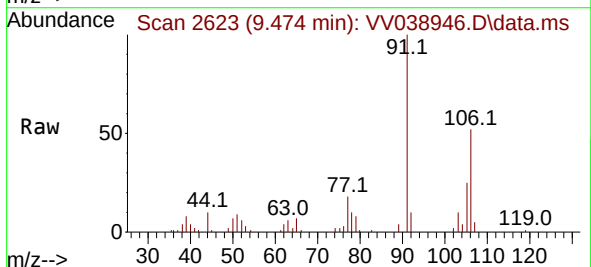
Manual Integrations
APPROVED

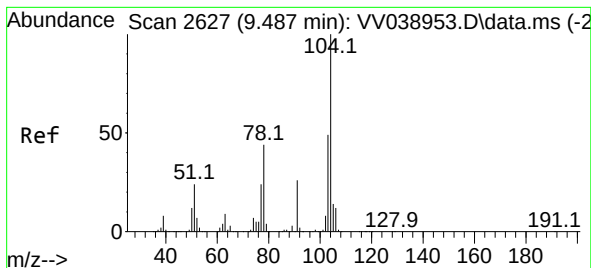
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#69
o-Xylene
Concen: 0.848 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion:106 Resp: 9039
Ion Ratio Lower Upper
106 100
91 209.3 106.8 320.4





#70

Styrene

Concen: 0.820 ug/l m

RT: 9.503 min Scan# 2632

Delta R.T. 0.016 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

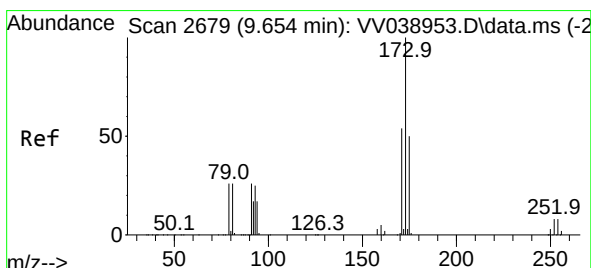
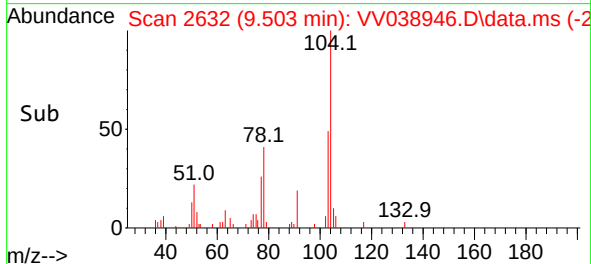
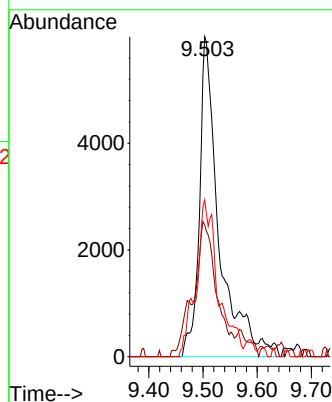
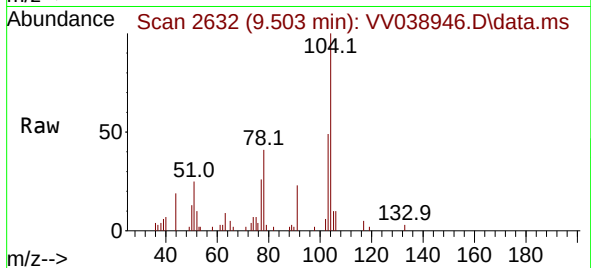
VSTDIC001

Tgt Ion:104	Resp:	15228
Ion Ratio	Lower	Upper
104	100	
78	40.3	39.8 59.6
103	46.9	43.4 65.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#71

Bromoform

Concen: 0.905 ug/l

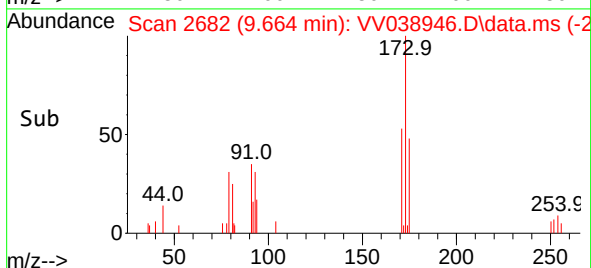
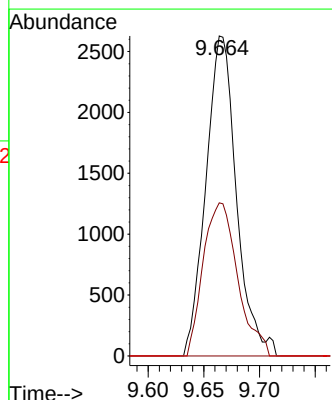
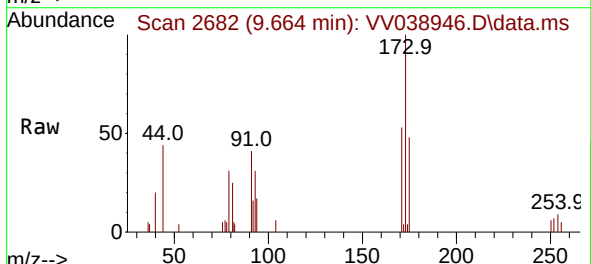
RT: 9.664 min Scan# 2682

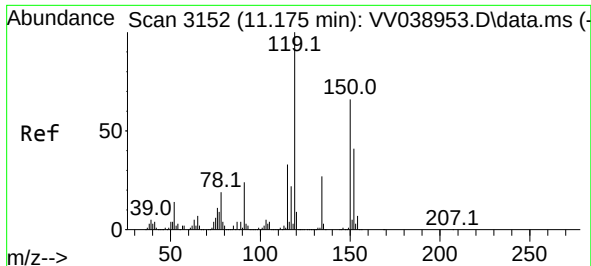
Delta R.T. 0.010 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

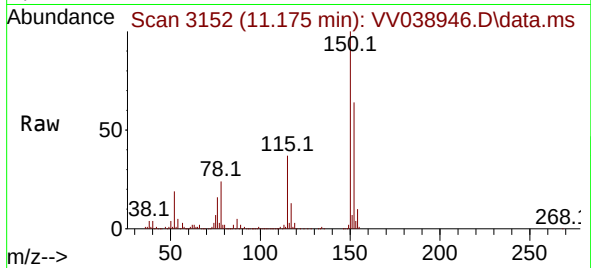
Tgt Ion:173	Resp:	5017
Ion Ratio	Lower	Upper
173	100	
175	53.9	24.4 73.2
254	0.0	0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

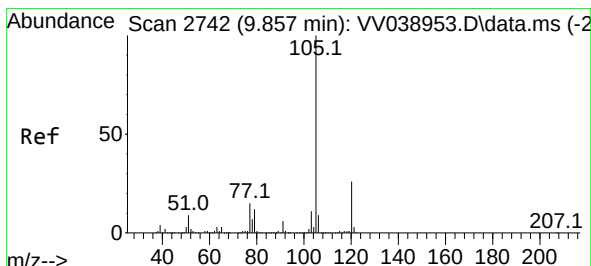
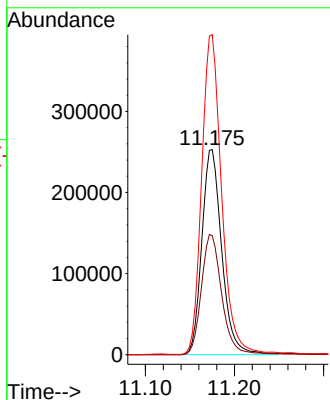
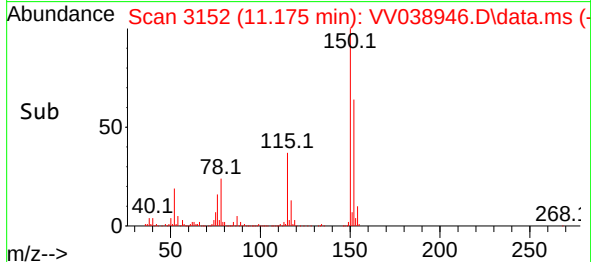
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



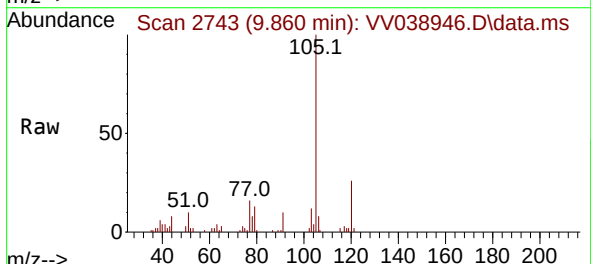
Tgt Ion:152 Resp: 392509
Ion Ratio Lower Upper
152 100
115 59.8 42.8 128.3
150 155.6 0.0 349.6

Manual Integrations
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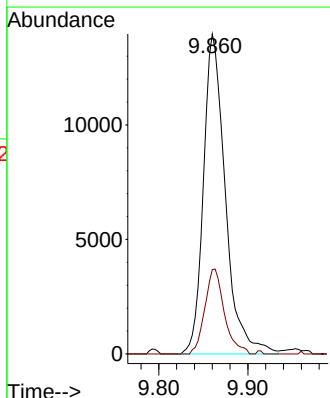
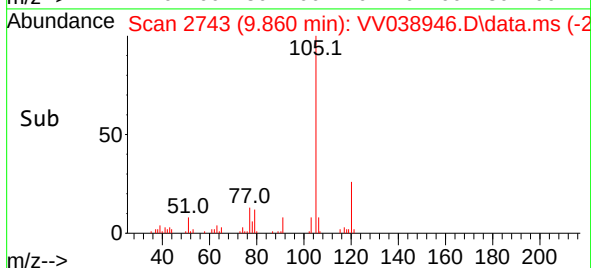
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

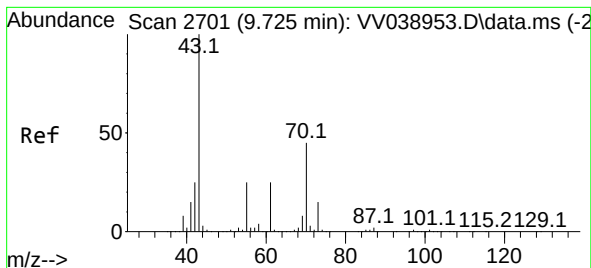


#73
Isopropylbenzene
Concen: 0.949 ug/l
RT: 9.860 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31



Tgt Ion:105 Resp: 23855
Ion Ratio Lower Upper
105 100
120 23.6 12.9 38.7





#74

N-amy1 acetate

Concen: 1.023 ug/l m

RT: 9.744 min Scan# 21

Delta R.T. 0.019 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

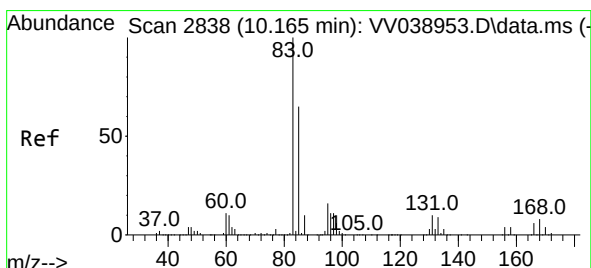
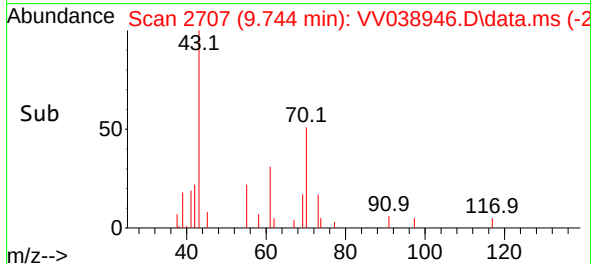
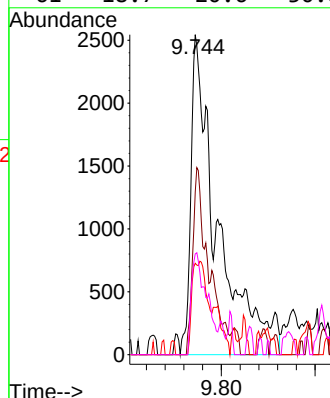
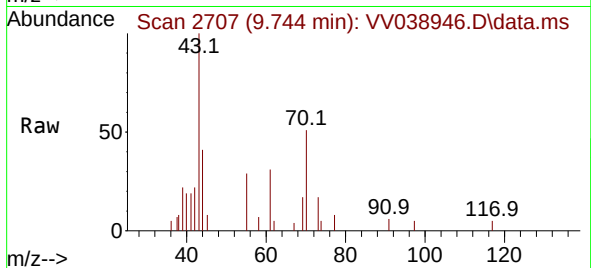
VSTDICC001

Tgt Ion: 43	Resp: 993
Ion Ratio	Lower Upper
43 100	
70 26.6	37.0 55.4
55 16.8	21.0 31.4
61 18.7	20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#75

1,1,2,2-Tetrachloroethane

Concen: 1.145 ug/l

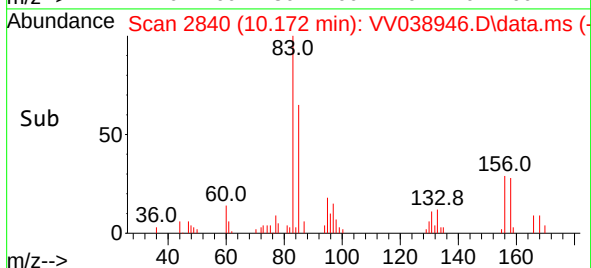
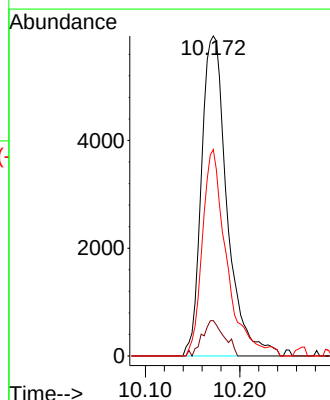
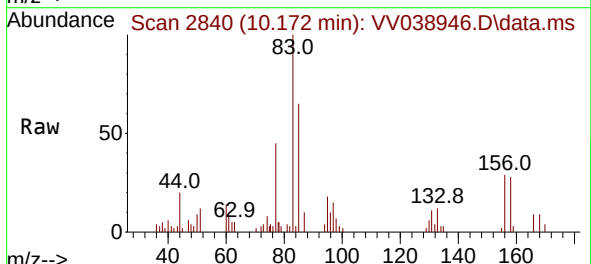
RT: 10.172 min Scan# 2840

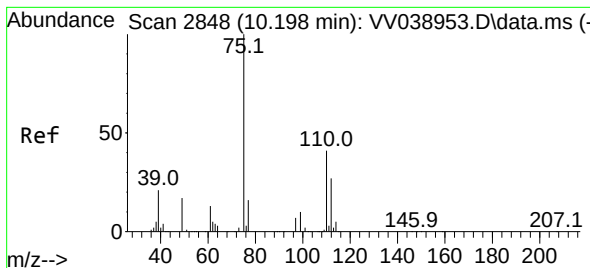
Delta R.T. 0.006 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

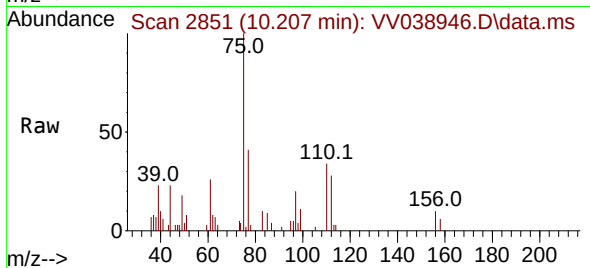
Tgt Ion: 83	Resp: 11169
Ion Ratio	Lower Upper
83 100	
131 9.5	5.0 15.0
85 60.4	32.1 96.3





#76
1,2,3-Trichloropropane
Concen: 1.123 ug/l m
RT: 10.207 min Scan# 2851
Delta R.T. 0.010 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

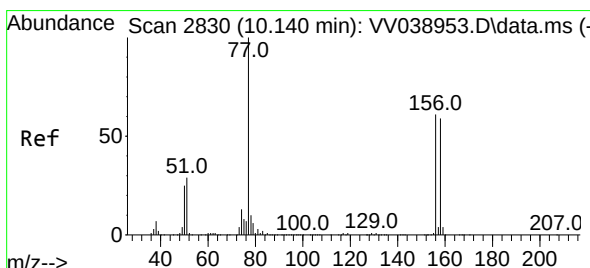
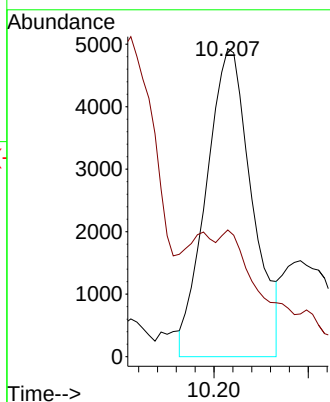
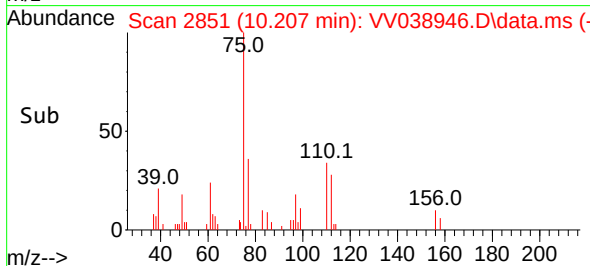
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



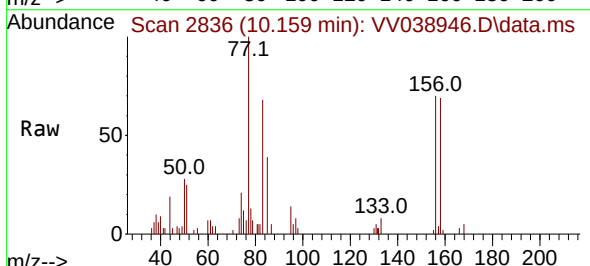
Tgt Ion: 75 Resp: 8310
Ion Ratio Lower Upper
75 100
77 6.0 11.8 35.4

Manual Integrations
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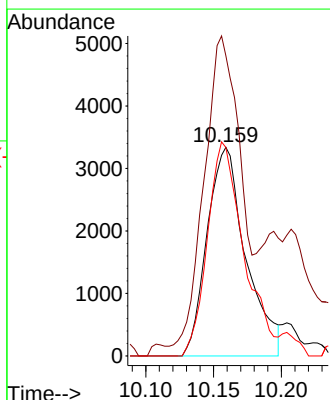
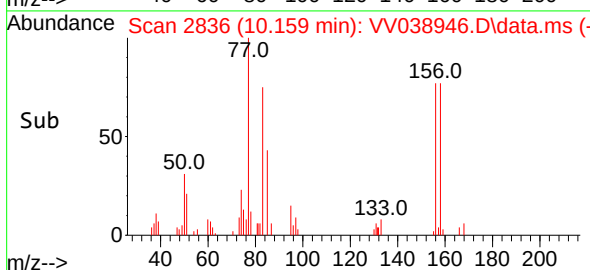
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025

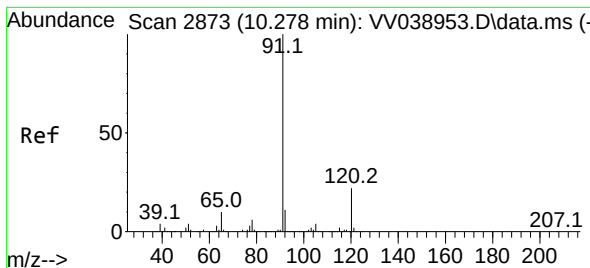


#77
Bromobenzene
Concen: 1.021 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31



Tgt Ion:156 Resp: 6635
Ion Ratio Lower Upper
156 100
77 140.1 79.6 238.8
158 96.3 47.8 143.4





#78

n-propylbenzene

Concen: 0.963 ug/l

RT: 10.284 min Scan# 2895

Delta R.T. 0.006 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 2895

Ion Ratio Lower Upper

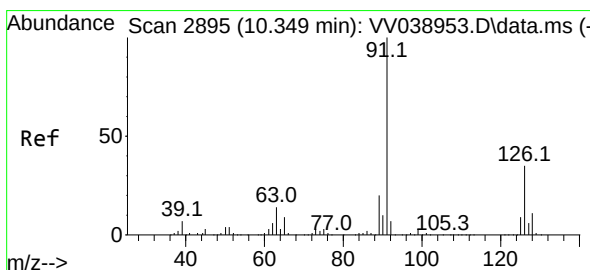
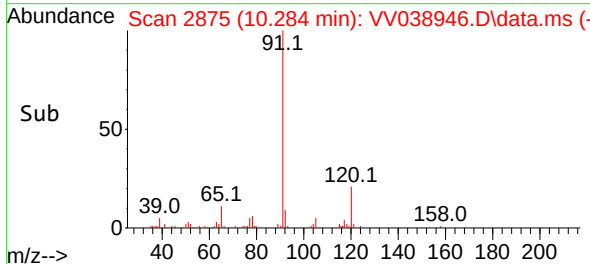
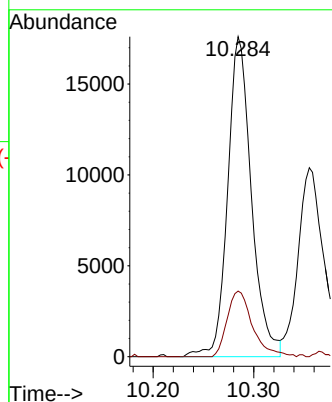
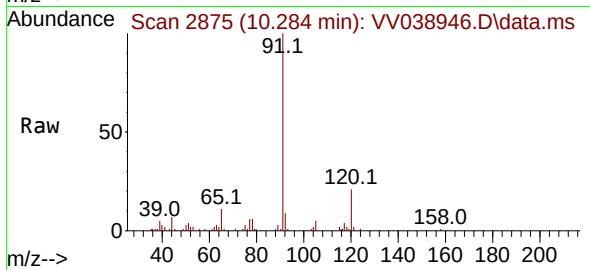
91 100

120 21.9 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#79

2-Chlorotoluene

Concen: 1.005 ug/l

RT: 10.355 min Scan# 2897

Delta R.T. 0.006 min

Lab File: VV038946.D

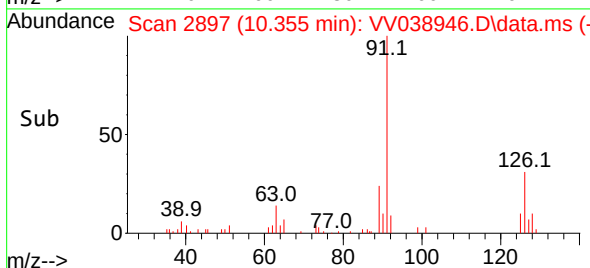
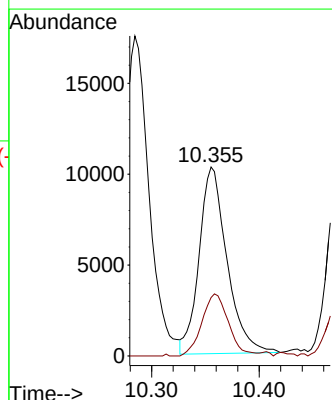
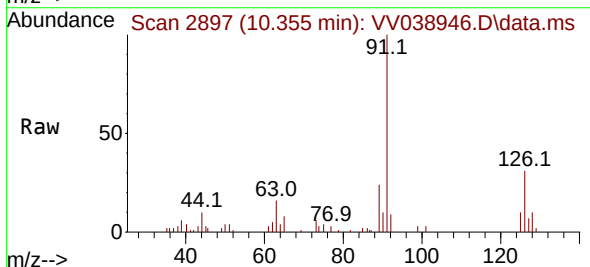
Acq: 13 Aug 2025 12:31

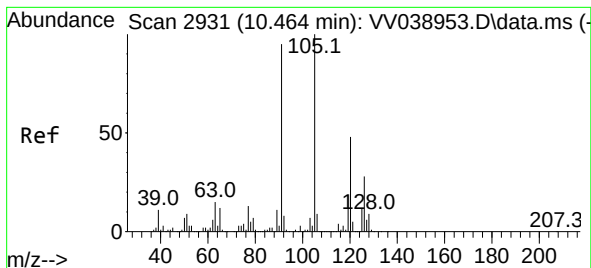
Tgt Ion: 91 Resp: 18477

Ion Ratio Lower Upper

91 100

126 31.8 17.1 51.3





#80

1,3,5-Trimethylbenzene

Concen: 0.880 ug/l

RT: 10.471 min Scan# 2933

Delta R.T. 0.006 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 1866

Ion Ratio Lower Upper

105 100

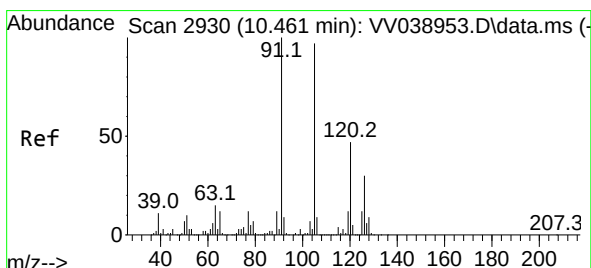
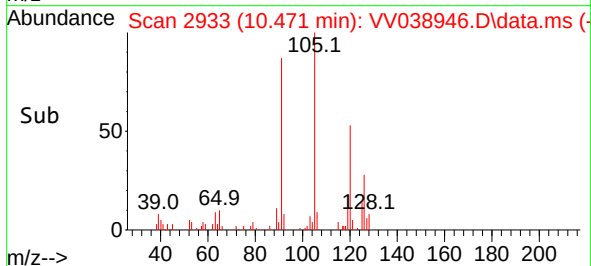
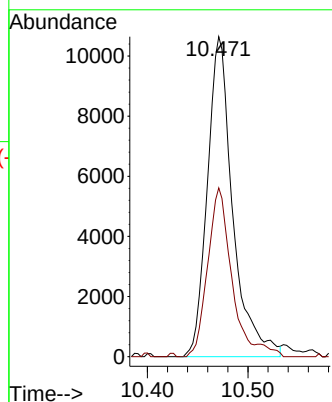
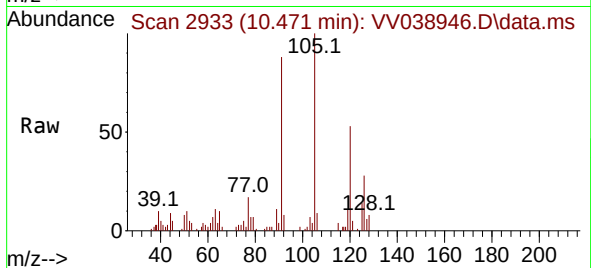
120 48.1 24.3 72.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/18/2025

Supervised By :Semsettin Yesilyurt 08/18/2025



#82

4-Chlorotoluene

Concen: 0.921 ug/l

RT: 10.477 min Scan# 2935

Delta R.T. 0.016 min

Lab File: VV038946.D

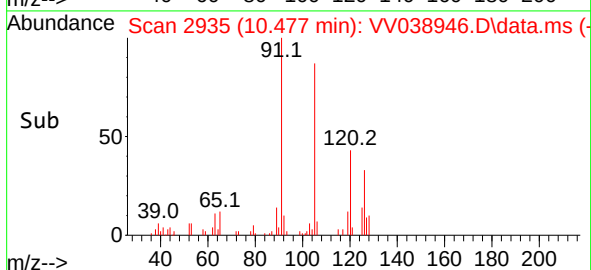
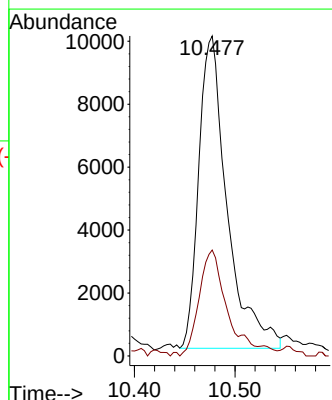
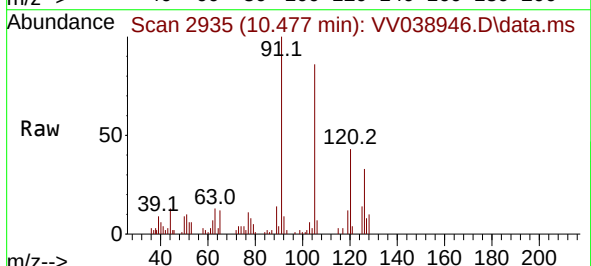
Acq: 13 Aug 2025 12:31

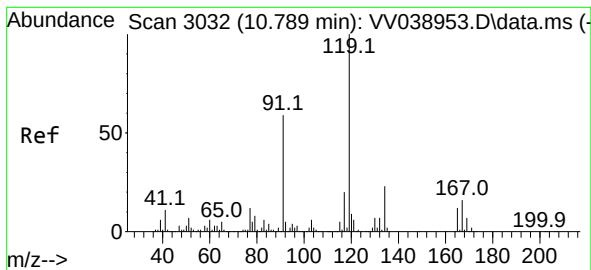
Tgt Ion: 91 Resp: 19497

Ion Ratio Lower Upper

91 100

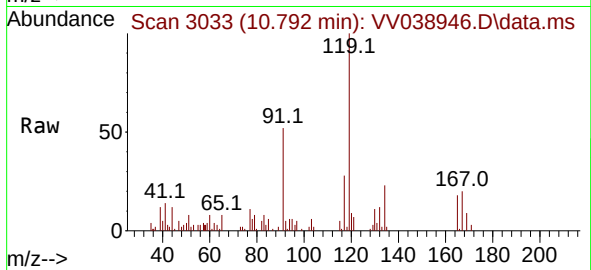
126 32.6 14.8 44.3





#83
 tert-Butylbenzene
 Concen: 0.947 ug/l
 RT: 10.792 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31

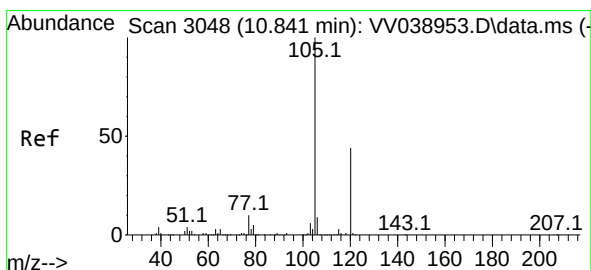
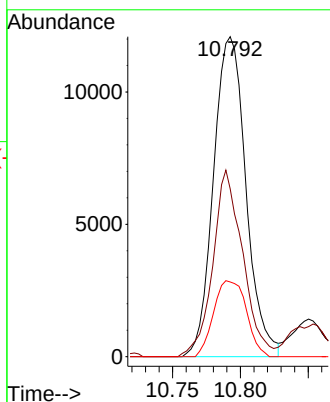
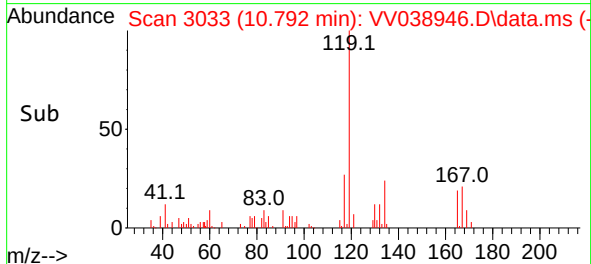
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001



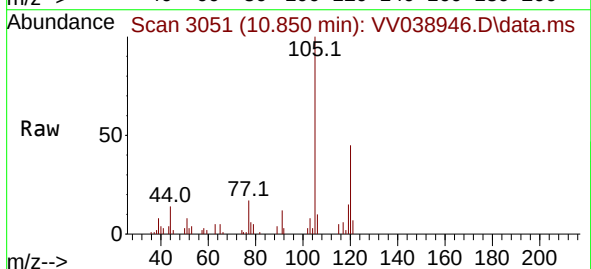
Tgt Ion:119 Resp: 2014
 Ion Ratio Lower Upper
 119 100
 91 53.5 28.8 86.5
 134 23.9 11.5 34.5

Manual Integrations
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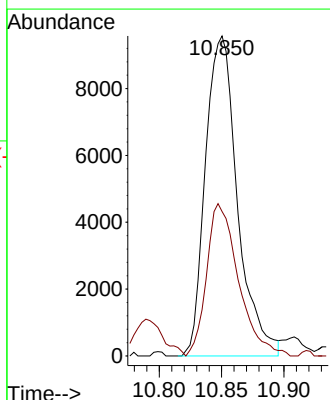
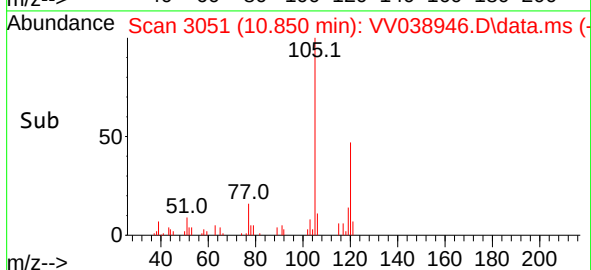
Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025

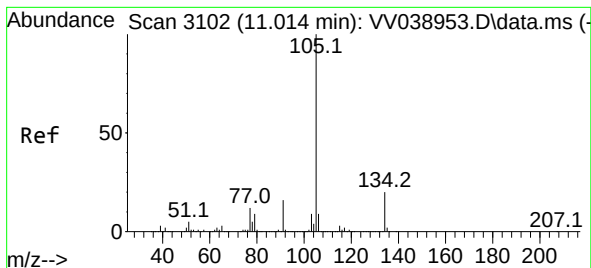


#84
 1,2,4-Trimethylbenzene
 Concen: 0.842 ug/l
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.010 min
 Lab File: VV038946.D
 Acq: 13 Aug 2025 12:31



Tgt Ion:105 Resp: 17180
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 0.923 ug/l

RT: 11.014 min Scan# 3102

Delta R.T. -0.000 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

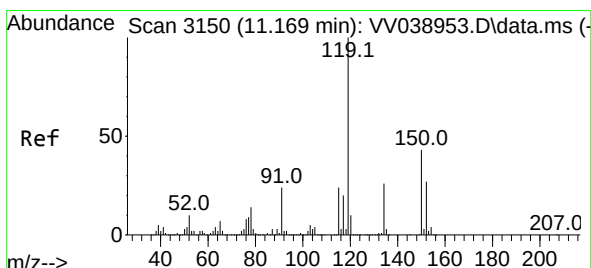
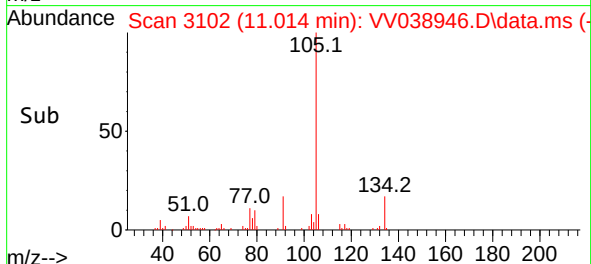
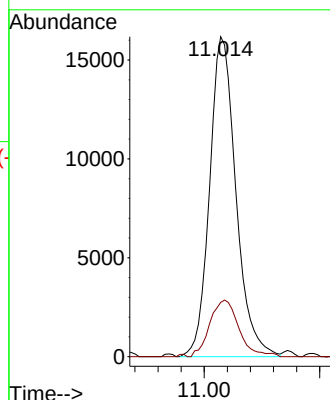
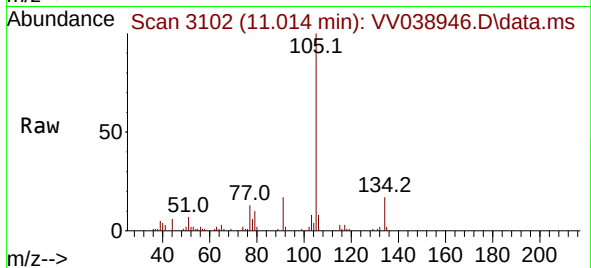
VSTDIC001

Tgt Ion:105 Resp: 25618
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025



#86

p-Isopropyltoluene

Concen: 0.952 ug/l

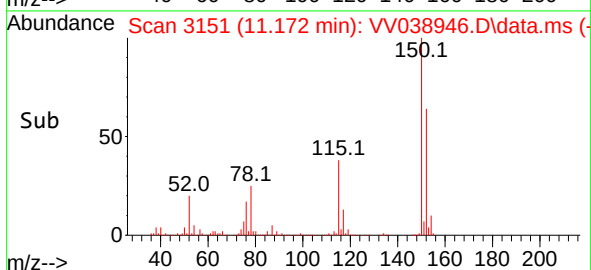
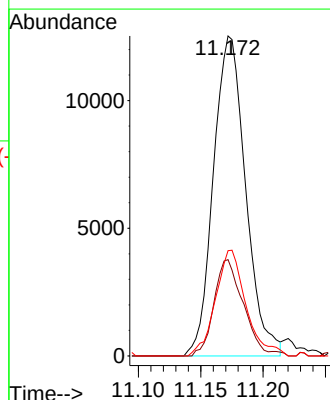
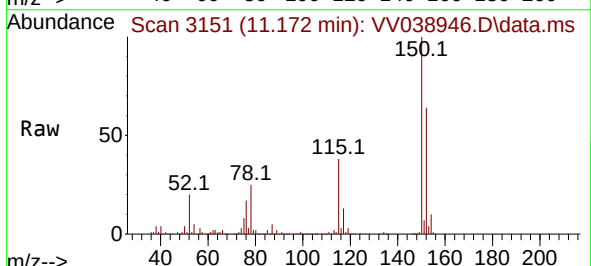
RT: 11.172 min Scan# 3151

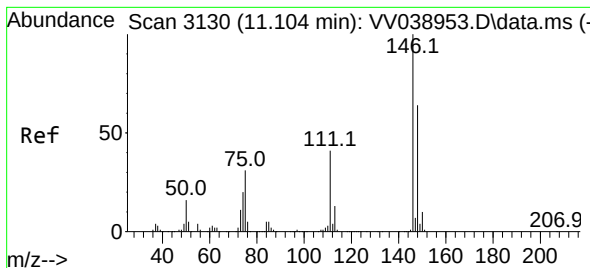
Delta R.T. 0.003 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Tgt Ion:119 Resp: 22555
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.1 39.1
 91 31.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 1.140 ug/l

RT: 11.117 min Scan# 3134

Delta R.T. 0.013 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

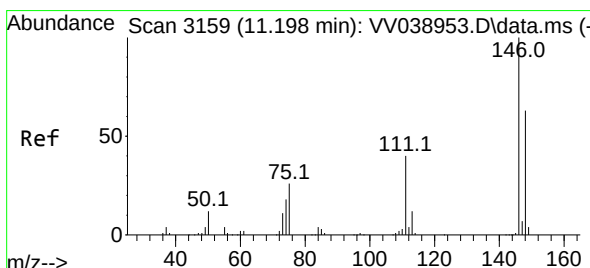
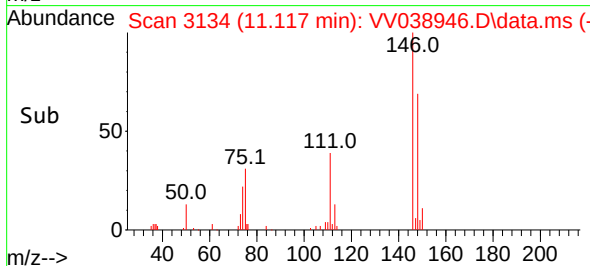
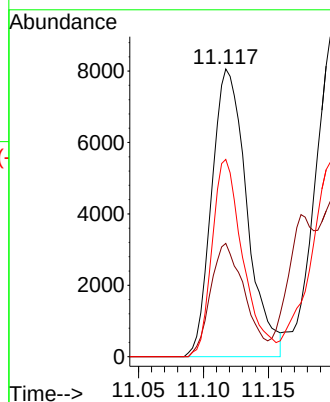
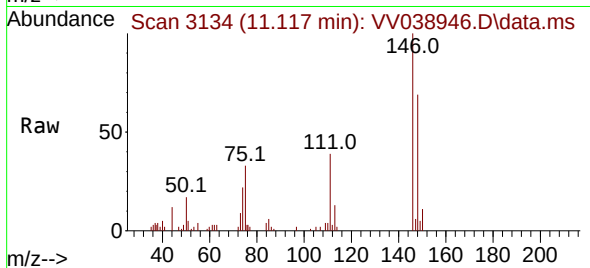
VSTDICC001

Tgt Ion:146	Resp:	1520
Ion Ratio	Lower	Upper
146	100	
111	38.2	20.8 62.4
148	60.2	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#88

1,4-Dichlorobenzene

Concen: 1.276 ug/l m

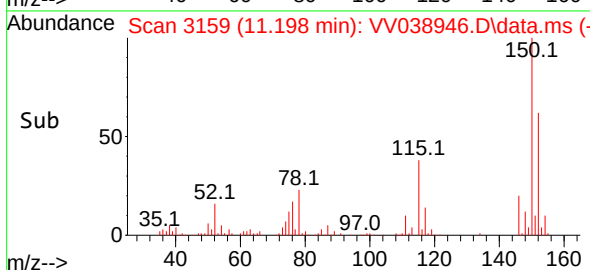
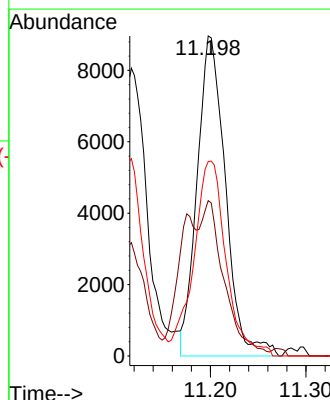
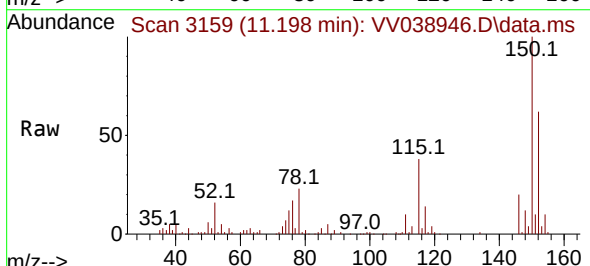
RT: 11.198 min Scan# 3159

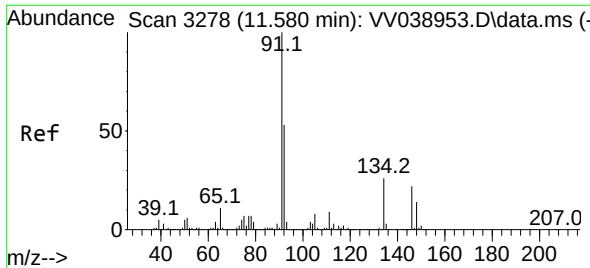
Delta R.T. -0.000 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Tgt Ion:146	Resp:	18464
Ion Ratio	Lower	Upper
146	100	
111	31.5	20.1 60.2
148	49.6	31.7 95.1





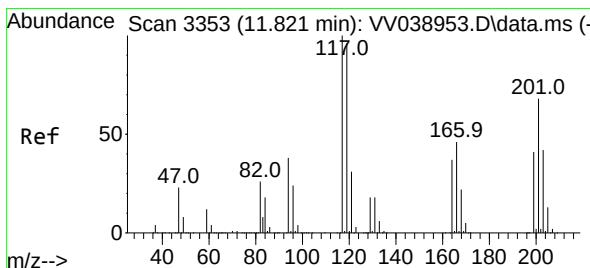
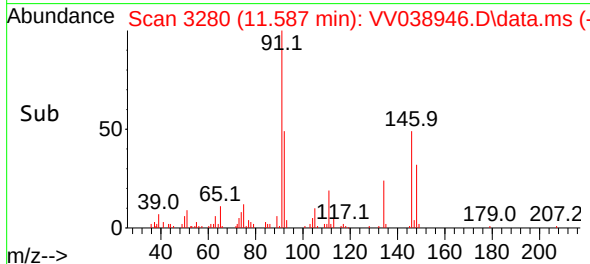
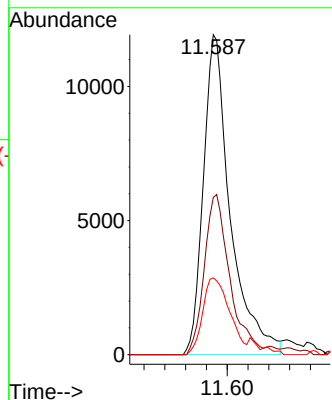
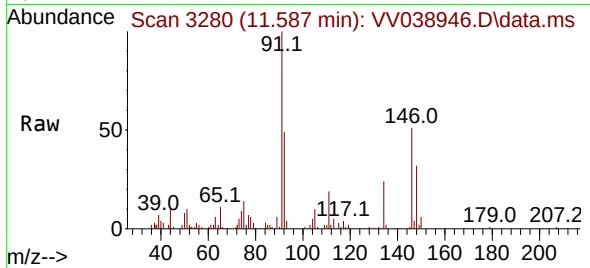
#89
n-Butylbenzene
Concen: 0.959 ug/l
RT: 11.587 min Scan# 3278
Delta R.T. 0.006 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 2148
Ion Ratio Lower Upper
91 100
92 47.4 26.6 79.8
134 24.0 12.8 38.3

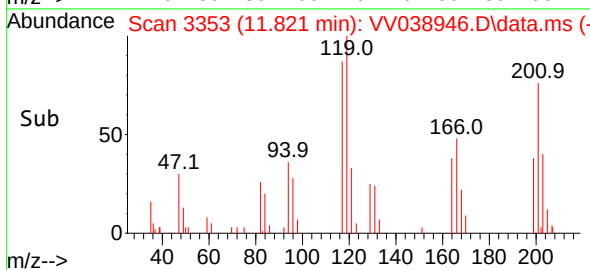
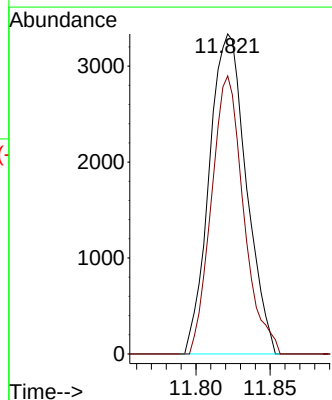
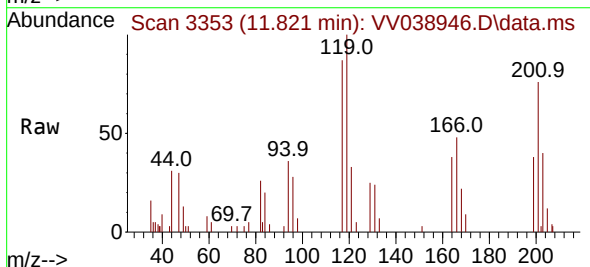
Manual Integrations
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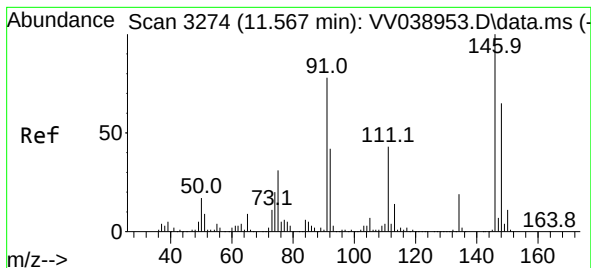
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#90
Hexachloroethane
Concen: 1.111 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion:117 Resp: 5790
Ion Ratio Lower Upper
117 100
201 75.5 33.7 101.1





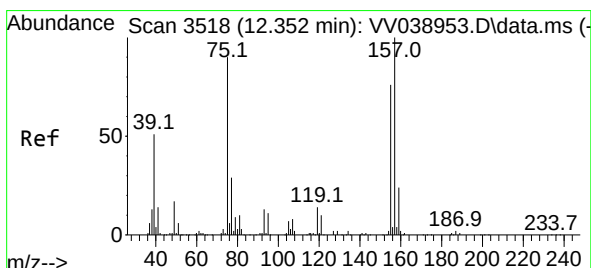
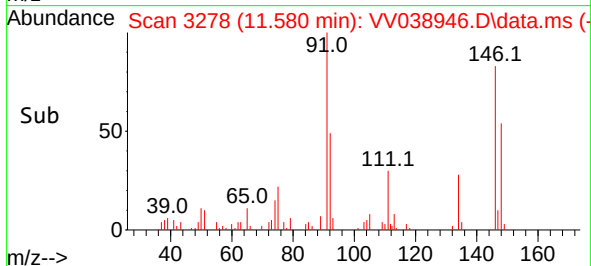
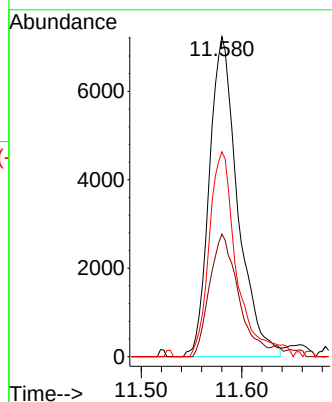
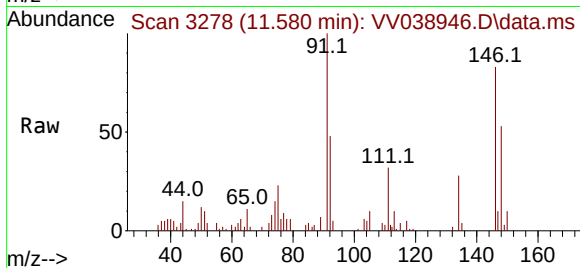
#91
1,2-Dichlorobenzene
Concen: 1.136 ug/l
RT: 11.580 min Scan# 3119
Delta R.T. 0.013 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 1419
Ion Ratio Lower Upper
146 100
111 39.0 21.3 63.7
148 62.2 32.0 96.2

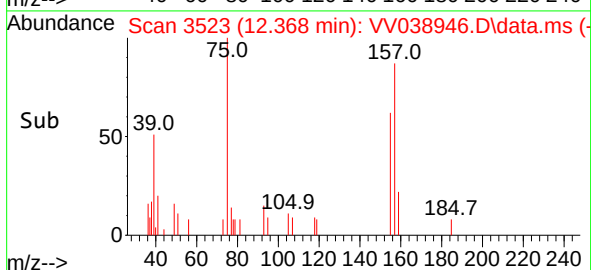
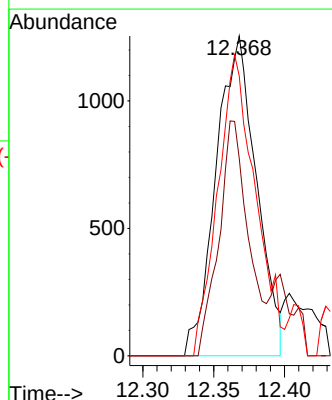
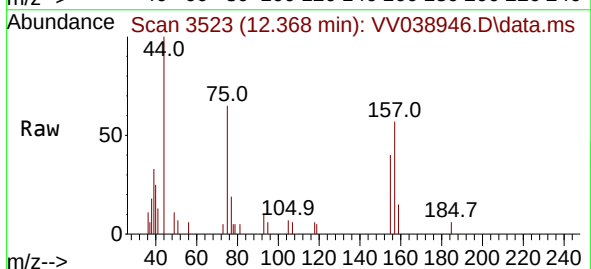
Manual Integrations
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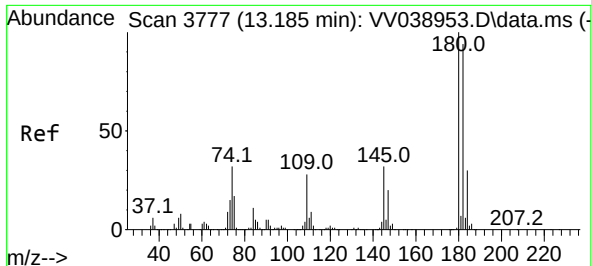
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.158 ug/l
RT: 12.368 min Scan# 3523
Delta R.T. 0.016 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

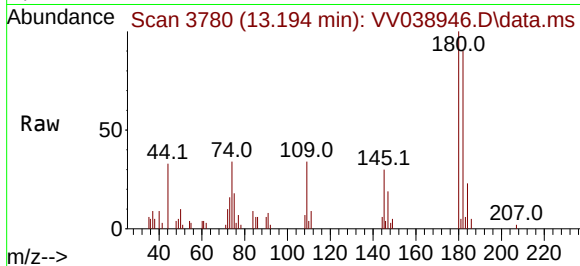
Tgt Ion: 75 Resp: 2483
Ion Ratio Lower Upper
75 100
155 54.3 42.3 126.8
157 88.4 54.7 164.1





#93
1,2,4-Trichlorobenzene
Concen: 1.160 ug/l
RT: 13.194 min Scan# 3777
Delta R.T. 0.010 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

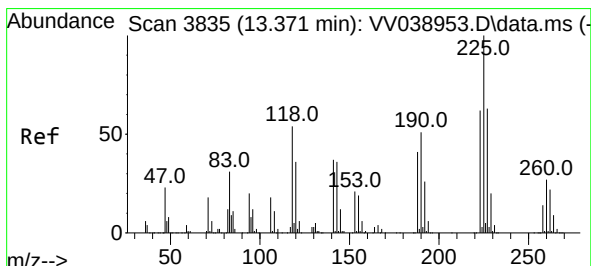
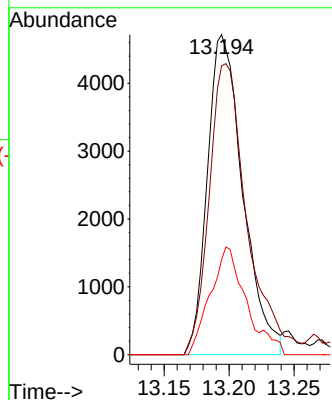
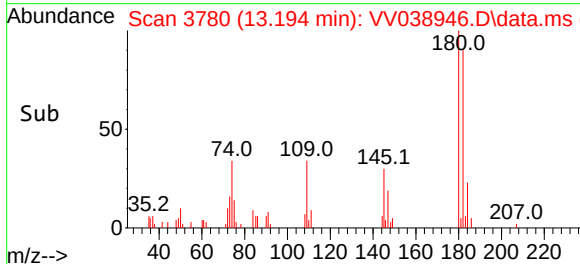
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion:180 Resp: 8944
Ion Ratio Lower Upper
180 100
182 97.2 47.3 141.9
145 34.1 16.3 48.8

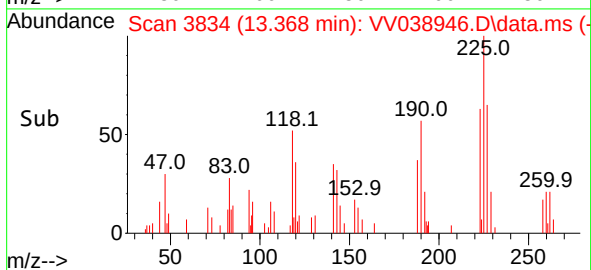
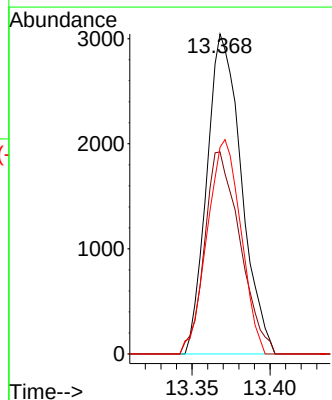
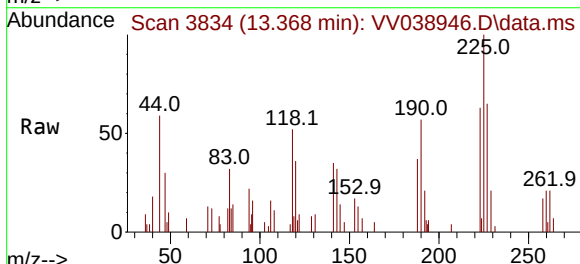
Manual Integrations
APPROVED

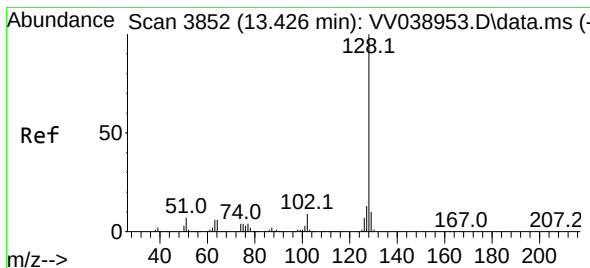
Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#94
Hexachlorobutadiene
Concen: 1.224 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.003 min
Lab File: VV038946.D
Acq: 13 Aug 2025 12:31

Tgt Ion:225 Resp: 4686
Ion Ratio Lower Upper
225 100
223 64.8 31.6 95.0
227 65.3 32.0 96.0





#95

Naphthalene

Concen: 0.969 ug/l

RT: 13.435 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Instrument :

MSVOA_V

ClientSampleId :

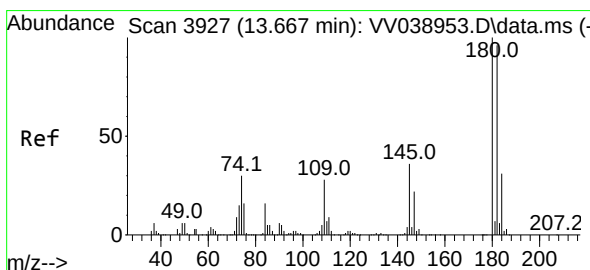
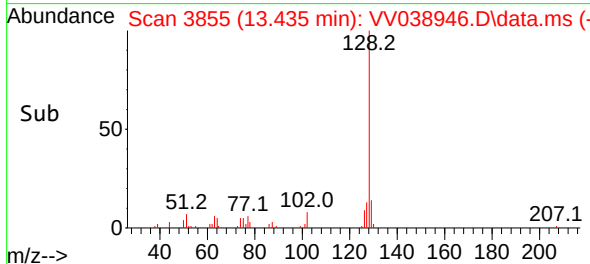
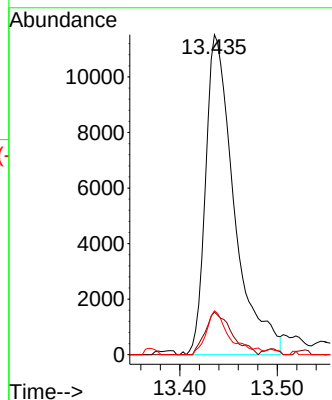
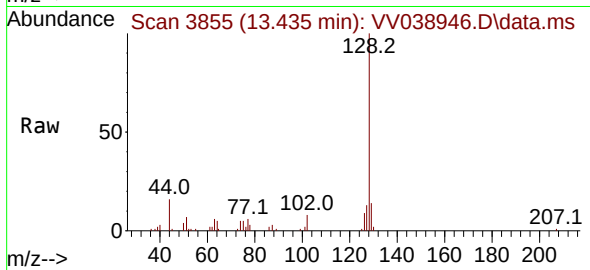
VSTDIC001

Tgt Ion:	128	Resp:	2347
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.4	15.6
129	10.7	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
Supervised By :Semsettin Yesilyurt 08/18/2025



#96

1,2,3-Trichlorobenzene

Concen: 1.075 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

Lab File: VV038946.D

Acq: 13 Aug 2025 12:31

Tgt Ion:	180	Resp:	8385
Ion Ratio	Lower	Upper	
180	100		
182	100.4	48.0	144.0
145	34.1	17.5	52.6

