

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
 Data File : VW032406.D
 Acq On : 10 Nov 2025 15:11
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:33:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:33:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	446044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	861919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	746442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	357631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	30808	5.357	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	10.720%#		
35) Dibromofluoromethane	7.904	113	27089	5.249	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.500%#		
50) Toluene-d8	10.325	98	100946	5.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	10.200%#		
62) 4-Bromofluorobenzene	12.617	95	38253	5.115	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	10.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	12853m	5.626	ug/l	
3) Chloromethane	2.253	50	21252	5.479	ug/l	96
4) Vinyl Chloride	2.405	62	26343	5.381	ug/l	97
5) Bromomethane	2.826	94	17936	5.477	ug/l	86
6) Chloroethane	2.978	64	17036	5.319	ug/l	99
7) Trichlorofluoromethane	3.308	101	18735	4.881	ug/l	94
8) Diethyl Ether	3.716	74	16754	5.339	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	22551	5.394	ug/l	98
10) Methyl Iodide	4.307	142	34394	5.107	ug/l	99
11) Tert butyl alcohol	5.216	59	12284	24.704	ug/l #	94
12) 1,1-Dichloroethene	4.076	96	25678	5.356	ug/l	98
13) Acrolein	3.929	56	21243	25.462	ug/l	97
14) Allyl chloride	4.710	41	46866	5.083	ug/l	98
15) Acrylonitrile	5.405	53	46350	25.546	ug/l	99
16) Acetone	4.161	43	48252	28.046	ug/l	93
17) Carbon Disulfide	4.417	76	71547	5.049	ug/l	98
18) Methyl Acetate	4.716	43	21679	5.089	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	52903	5.235	ug/l	96
20) Methylene Chloride	4.954	84	35179	5.718	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	28795	5.253	ug/l	96
22) Diisopropyl ether	6.338	45	96076	5.118	ug/l	94
23) Vinyl Acetate	6.289	43	315880	24.561	ug/l	99
24) 1,1-Dichloroethane	6.246	63	54281	5.278	ug/l	99
25) 2-Butanone	7.197	43	65204	25.725	ug/l	95
26) 2,2-Dichloropropane	7.191	77	32052	5.592	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	34097	5.205	ug/l	96
28) Bromochloromethane	7.532	49	27041	5.563	ug/l	98
29) Tetrahydrofuran	7.557	42	41010	25.492	ug/l	98
30) Chloroform	7.691	83	51922	5.157	ug/l	98
31) Cyclohexane	7.965	56	55149	5.797	ug/l #	75
32) 1,1,1-Trichloroethane	7.886	97	37069	5.154	ug/l	97
36) 1,1-Dichloropropene	8.093	75	37460	4.927	ug/l	96
37) Ethyl Acetate	7.276	43	27118	4.796	ug/l	96
38) Carbon Tetrachloride	8.087	117	33800	5.003	ug/l	95
39) Methylcyclohexane	9.343	83	48247	4.898	ug/l	97
40) Benzene	8.337	78	121492	4.962	ug/l	100

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 ClientSampleId :
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 Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:33:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:33:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	13857	4.462	ug/l	93
42) 1,2-Dichloroethane	8.410	62	36648	5.095	ug/l	100
43) Isopropyl Acetate	8.435	43	47925	4.787	ug/l	98
44) Trichloroethene	9.099	130	28965	5.084	ug/l	92
45) 1,2-Dichloropropane	9.374	63	30643	5.026	ug/l	97
46) Dibromomethane	9.465	93	17884	5.020	ug/l	98
47) Bromodichloromethane	9.648	83	39690	4.884	ug/l	96
48) Methyl methacrylate	9.441	41	22511	4.732	ug/l	98
49) 1,4-Dioxane	9.465	88	4928	98.734	ug/l #	98
51) 4-Methyl-2-Pentanone	10.209	43	130944	23.659	ug/l	99
52) Toluene	10.392	92	75426	4.987	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	38349	4.582	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	45809	4.733	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	24841	5.082	ug/l	95
56) Ethyl methacrylate	10.648	69	33566	4.476	ug/l	97
57) 1,3-Dichloropropane	10.934	76	42638	4.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	93963	23.527	ug/l	97
59) 2-Hexanone	10.971	43	96031	23.716	ug/l	99
60) Dibromochloromethane	11.129	129	26381	4.833	ug/l	99
61) 1,2-Dibromoethane	11.233	107	22493	4.725	ug/l	97
64) Tetrachloroethene	10.867	164	22220	5.027	ug/l	93
65) Chlorobenzene	11.660	112	81174	5.045	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	25207	5.063	ug/l	99
67) Ethyl Benzene	11.727	91	139985	5.029	ug/l	98
68) m/p-Xylenes	11.837	106	103326	9.886	ug/l	99
69) o-Xylene	12.166	106	49846	4.981	ug/l	99
70) Styrene	12.178	104	82403	4.787	ug/l	98
71) Bromoform	12.343	173	13933	4.724	ug/l #	99
73) Isopropylbenzene	12.458	105	125978	4.796	ug/l	100
74) N-amyl acetate	12.269	43	42020	4.604	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	31677	5.082	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	26298m	5.362	ug/l	
77) Bromobenzene	12.745	156	31353	5.042	ug/l	99
78) n-propylbenzene	12.800	91	153312	4.793	ug/l	99
79) 2-Chlorotoluene	12.891	91	95466	4.889	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	104405	4.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	9398	4.390	ug/l	88
82) 4-Chlorotoluene	12.983	91	100291	4.938	ug/l	97
83) tert-Butylbenzene	13.202	119	91812	4.871	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	108985	4.945	ug/l	100
85) sec-Butylbenzene	13.379	105	140828	5.016	ug/l	97
86) p-Isopropyltoluene	13.495	119	112594	4.858	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	59538	5.050	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	63512	5.258	ug/l	96
89) n-Butylbenzene	13.818	91	109389	4.831	ug/l	98
90) Hexachloroethane	14.092	117	20141	4.819	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	55317	5.111	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	5174	4.818	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	33710	4.894	ug/l	95
94) Hexachlorobutadiene	15.220	225	14601	5.103	ug/l	91
95) Naphthalene	15.360	128	78029	4.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	31907	5.102	ug/l	95

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Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

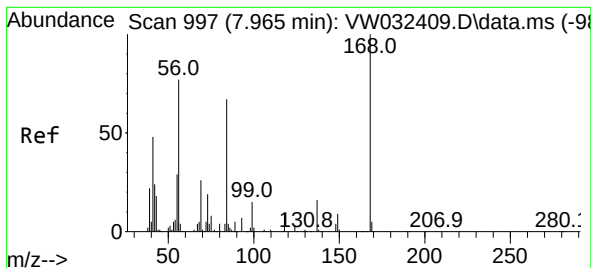
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:33:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

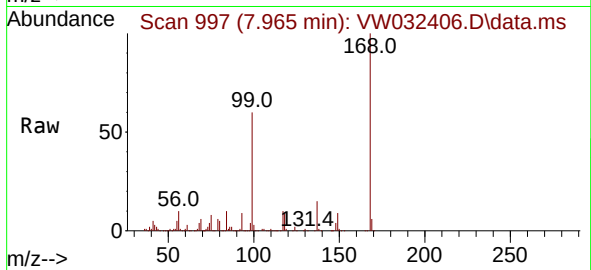
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

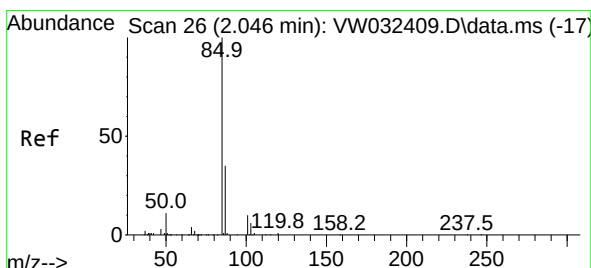
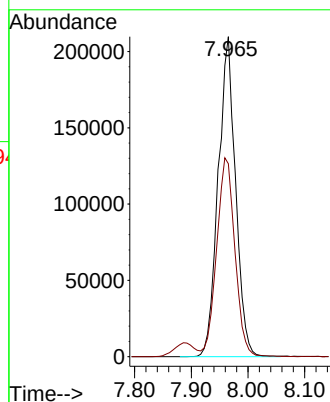
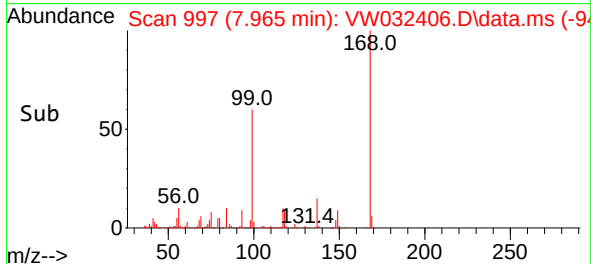
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 446044
Ion Ratio Lower Upper
168 100
99 60.2 45.4 68.2

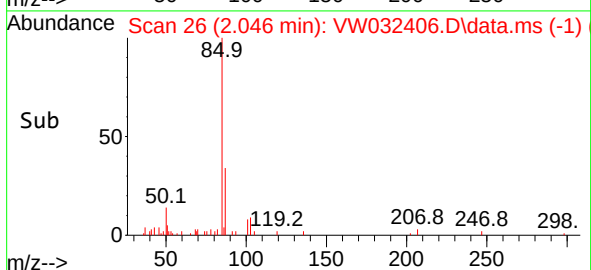
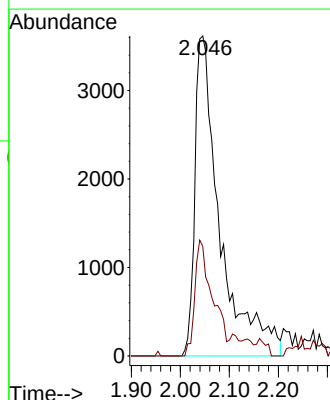
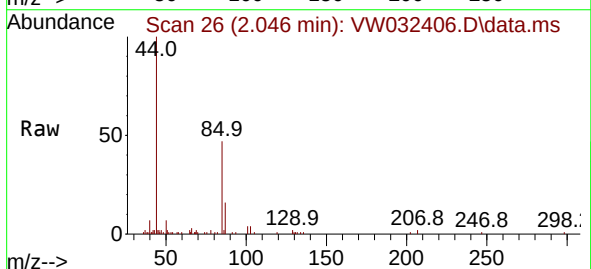
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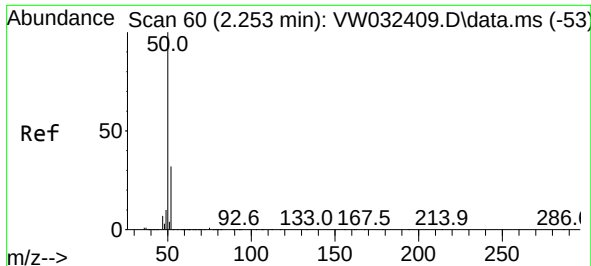
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#2
Dichlorodifluoromethane
Concen: 5.626 ug/l m
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 85 Resp: 12853
Ion Ratio Lower Upper
85 100
87 34.2 17.4 52.2





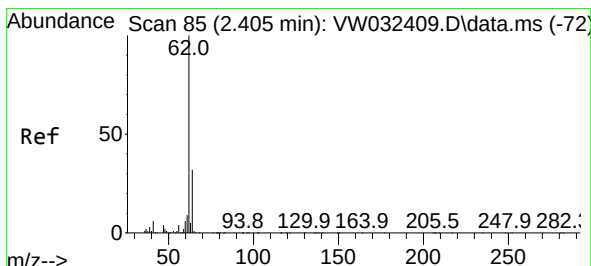
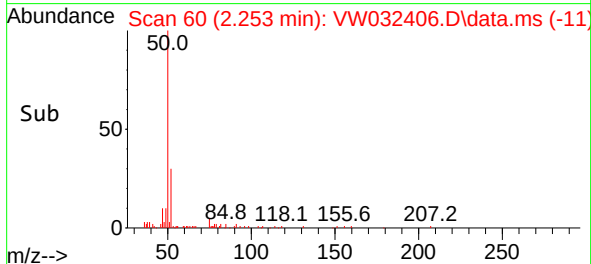
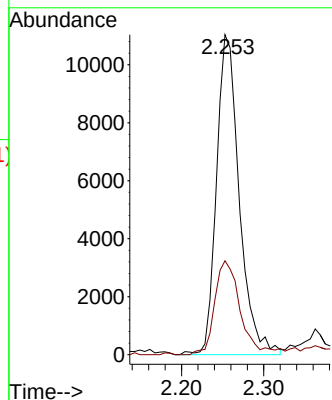
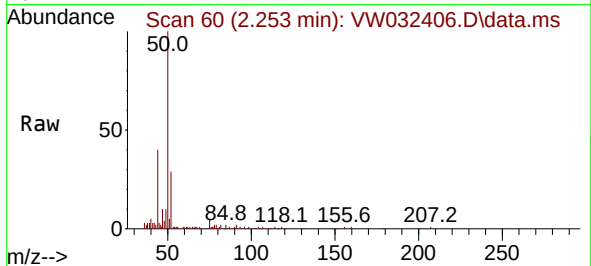
#3
Chloromethane
Concen: 5.479 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
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VSTDICC005

Tgt Ion: 50 Resp: 2125
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3

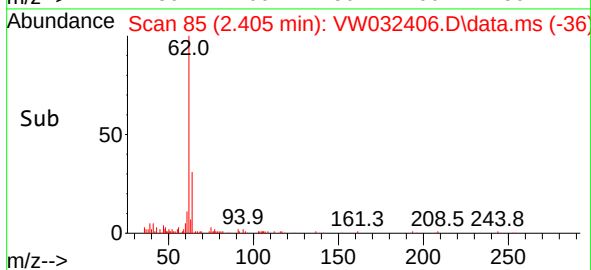
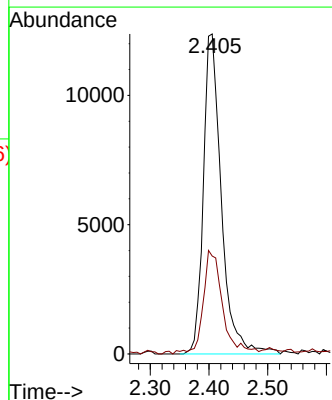
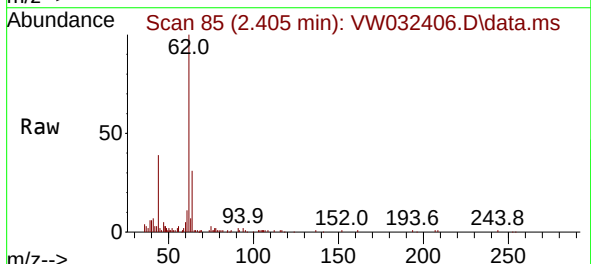
Manual Integrations
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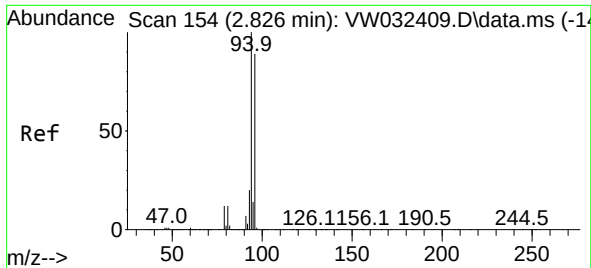
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#4
Vinyl Chloride
Concen: 5.381 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

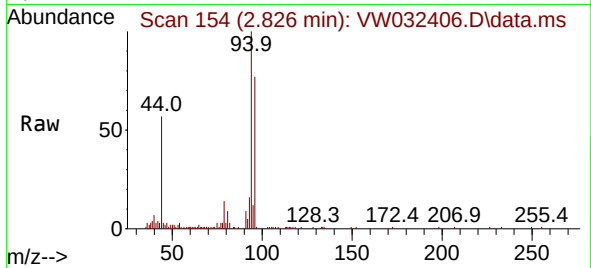
Tgt Ion: 62 Resp: 26343
Ion Ratio Lower Upper
62 100
64 29.8 25.2 37.8





#5
Bromomethane
Concen: 5.477 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

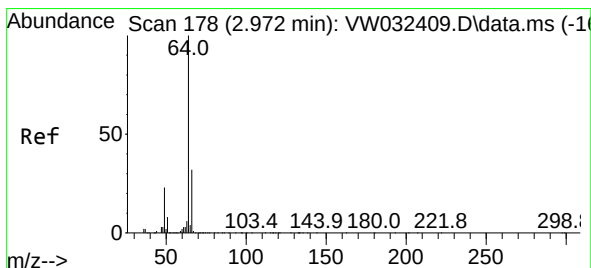
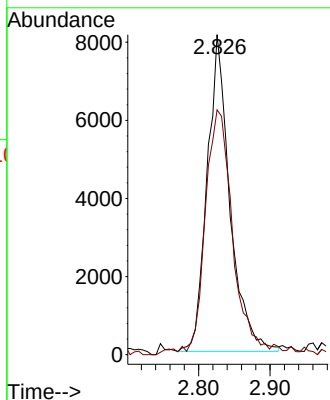
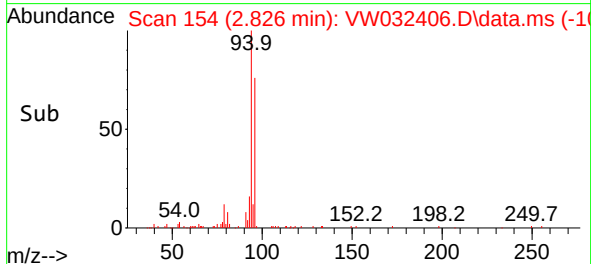
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



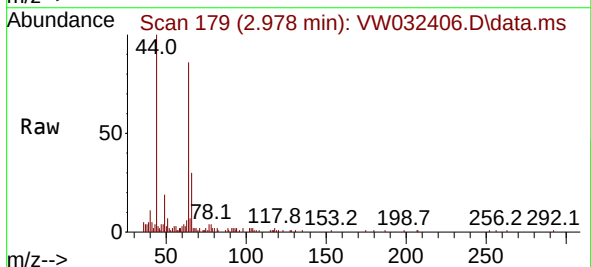
Tgt Ion: 94 Resp: 17936
Ion Ratio Lower Upper
94 100
96 76.4 71.4 107.2

Manual Integrations
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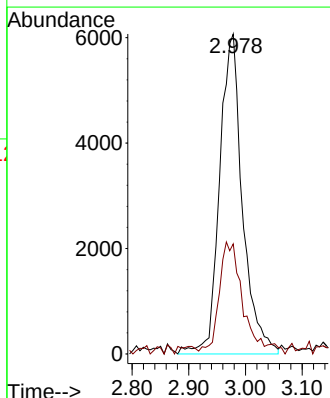
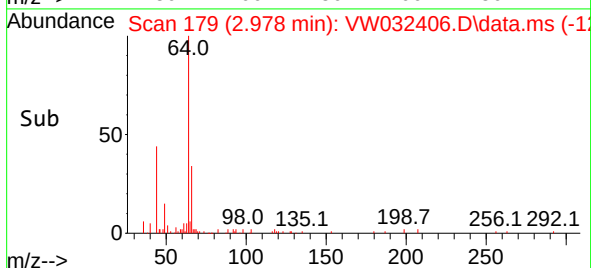
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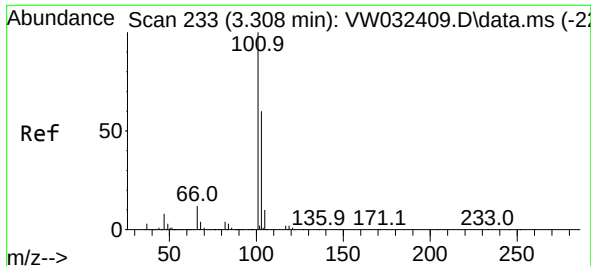


#6
Chloroethane
Concen: 5.319 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



Tgt Ion: 64 Resp: 17036
Ion Ratio Lower Upper
64 100
66 32.3 25.6 38.4





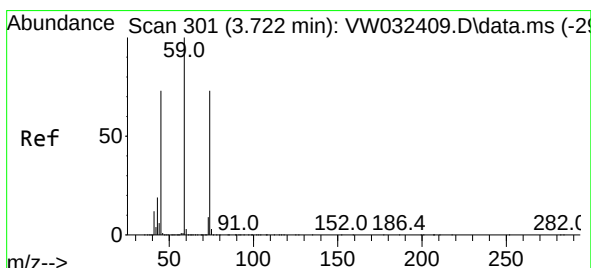
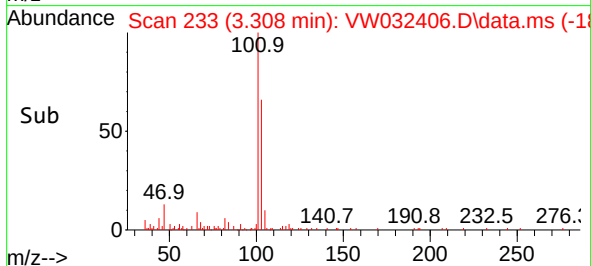
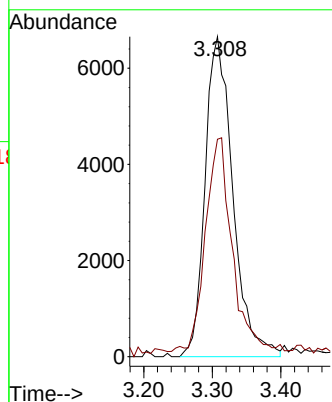
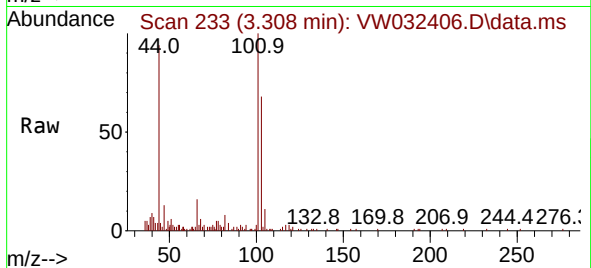
#7
Trichlorofluoromethane
Concen: 4.881 ug/l
RT: 3.308 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
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ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 1873
Ion Ratio Lower Upper
101 100
103 64.8 48.0 72.0

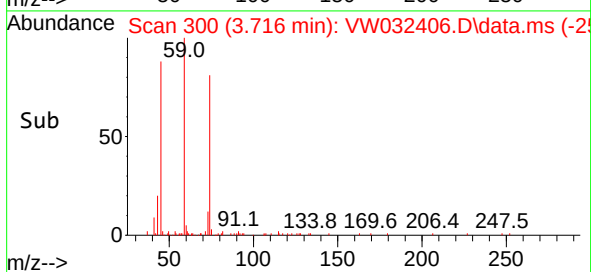
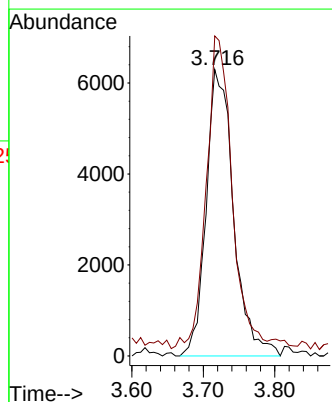
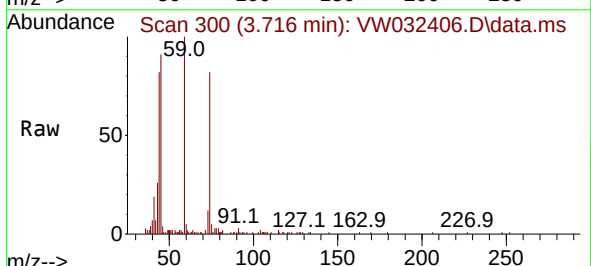
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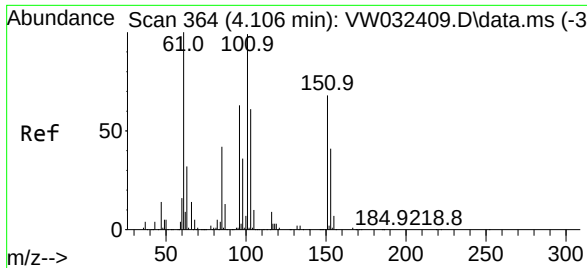
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#8
Diethyl Ether
Concen: 5.339 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW032406.D
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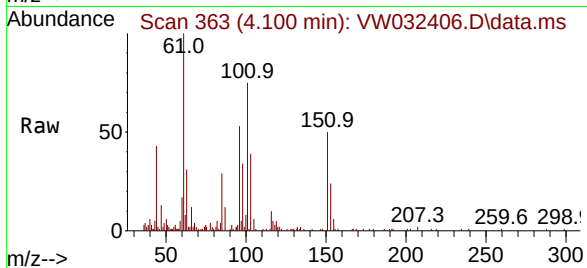
Tgt Ion: 74 Resp: 16754
Ion Ratio Lower Upper
74 100
45 102.2 51.8 155.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.394 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032406.D
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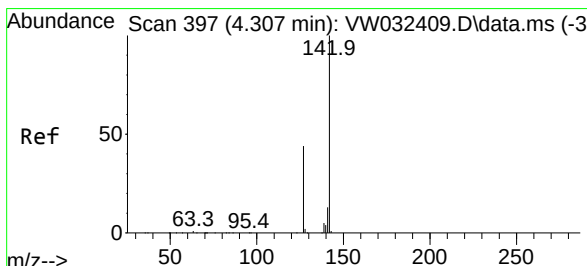
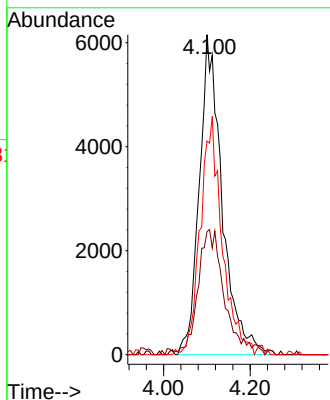
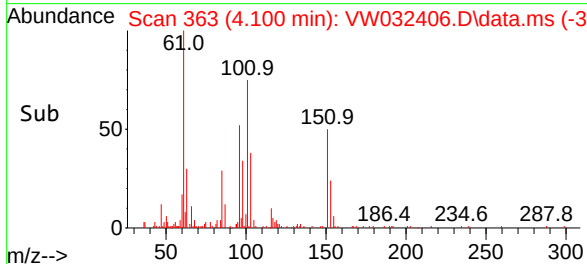
Instrument :
MSVOA_W
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VSTDICC005



Tgt Ion:101 Resp: 2255
Ion Ratio Lower Upper
101 100
85 44.9 34.1 51.1
151 71.0 56.4 84.6

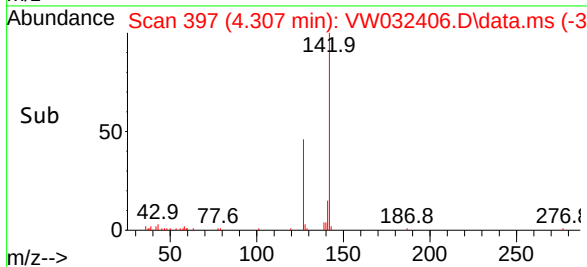
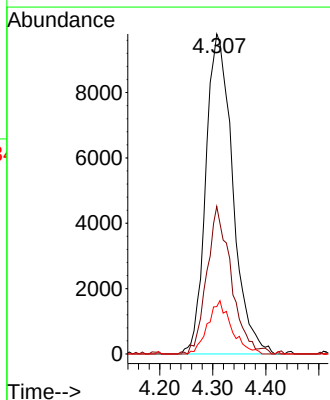
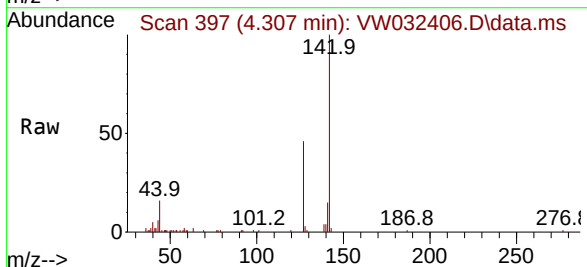
Manual Integrations
APPROVED

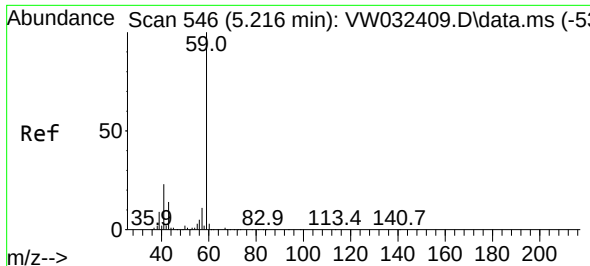
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#10
Methyl Iodide
Concen: 5.107 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

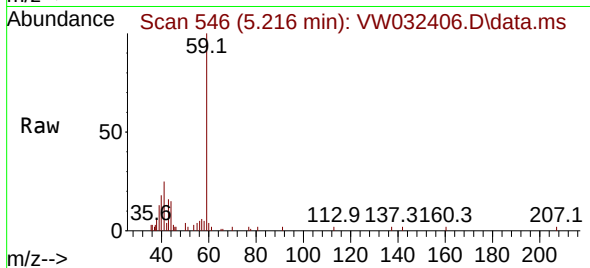
Tgt Ion:142 Resp: 34394
Ion Ratio Lower Upper
142 100
127 41.6 34.2 51.2
141 14.8 11.8 17.8





#11
Tert butyl alcohol
Concen: 24.704 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

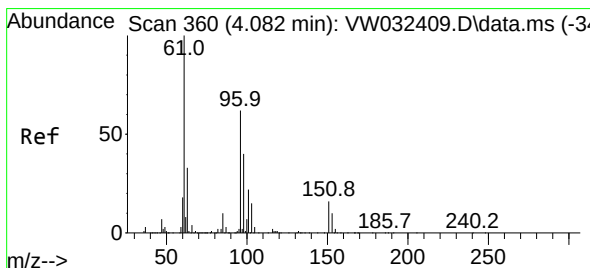
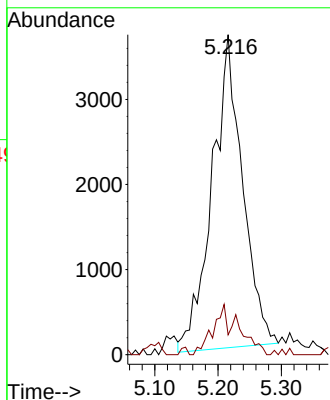
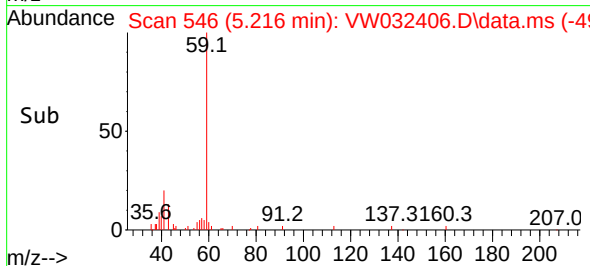
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



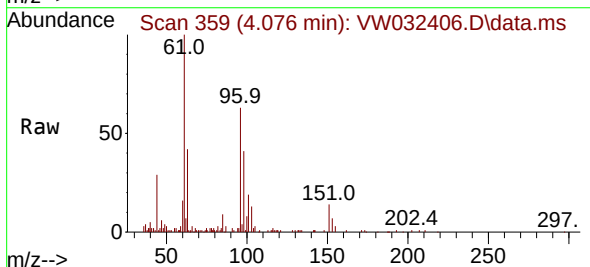
Tgt Ion: 59 Resp: 12284
Ion Ratio Lower Upper
59 100
57 8.4 8.6 12.8

Manual Integrations
APPROVED

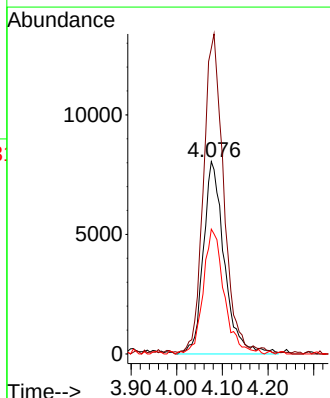
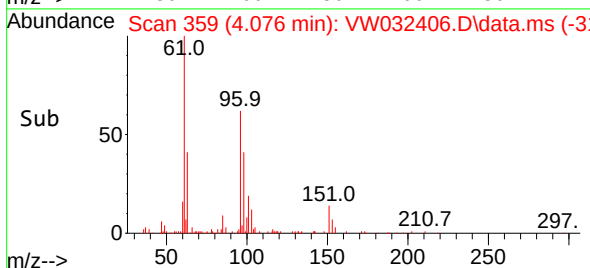
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

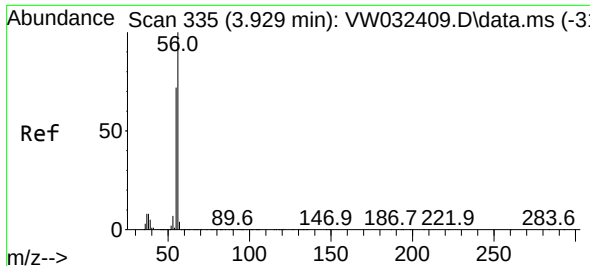


#12
1,1-Dichloroethene
Concen: 5.356 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



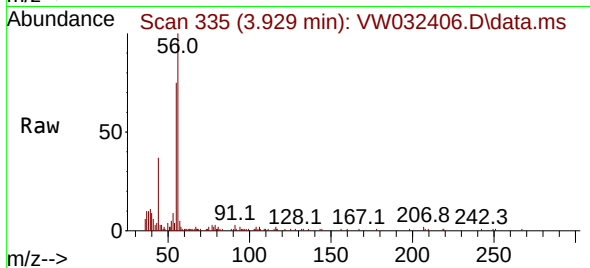
Tgt Ion: 96 Resp: 25678
Ion Ratio Lower Upper
96 100
61 158.2 129.0 193.6
98 64.1 51.1 76.7





#13
Acrolein
Concen: 25.462 ug/l
RT: 3.929 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

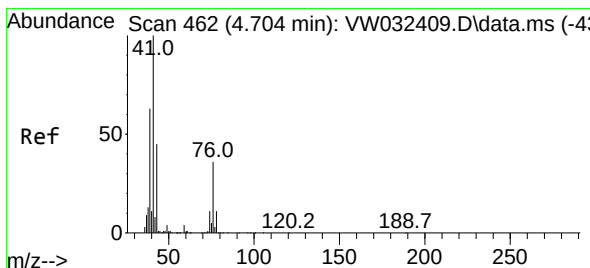
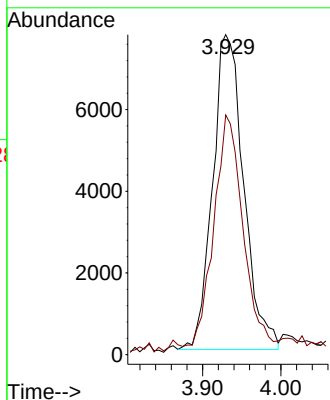
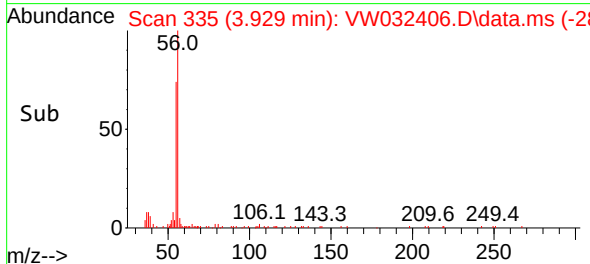
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



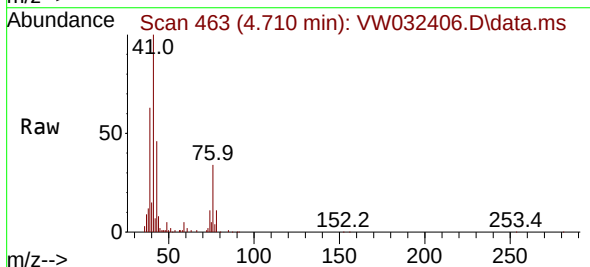
Tgt Ion: 56 Resp: 2124
Ion Ratio Lower Upper
56 100
55 68.1 56.3 84.5

Manual Integrations
APPROVED

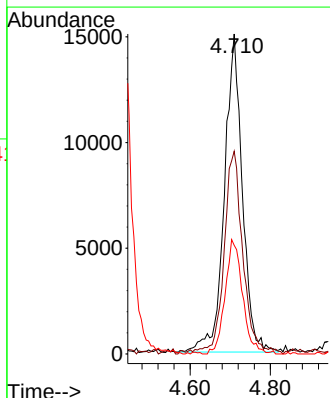
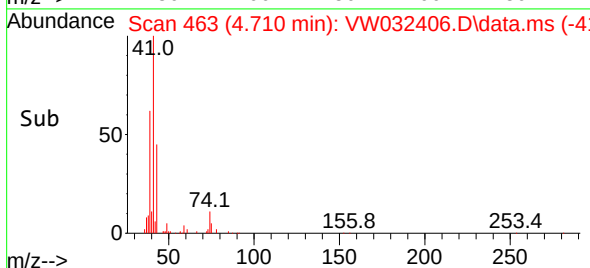
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

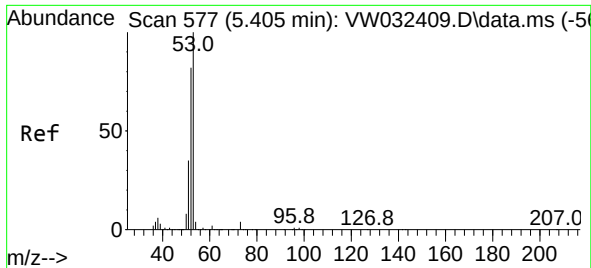


#14
Allyl chloride
Concen: 5.083 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



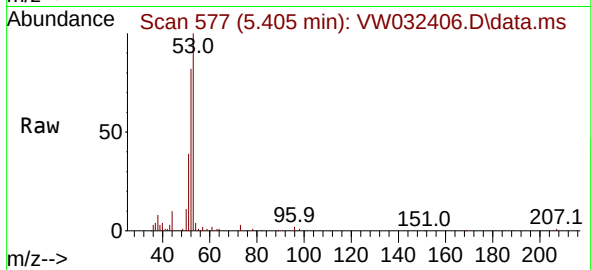
Tgt Ion: 41 Resp: 46866
Ion Ratio Lower Upper
41 100
39 64.4 50.2 75.2
76 34.9 27.0 40.6





#15
Acrylonitrile
Concen: 25.546 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

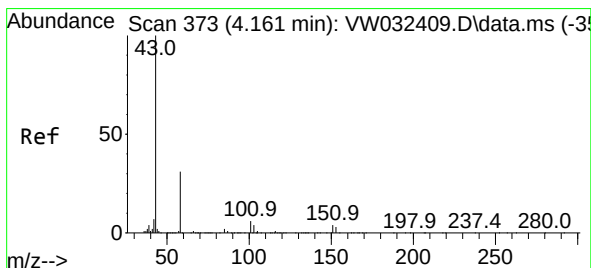
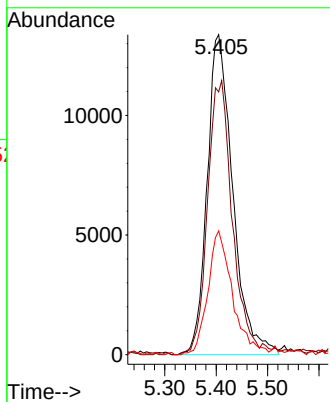
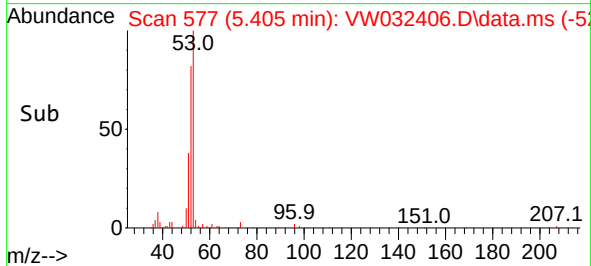
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 46350
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 37.1 28.6 43.0

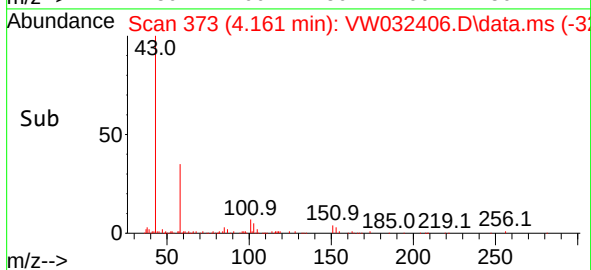
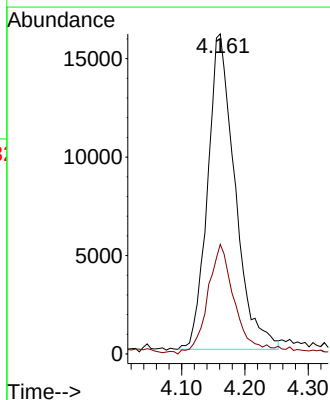
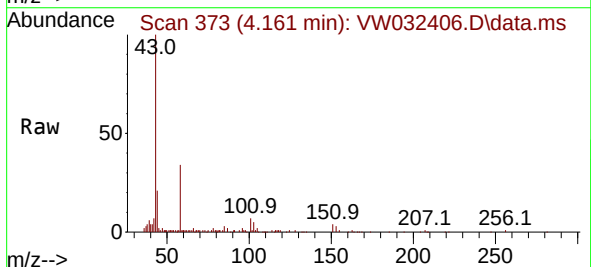
Manual Integrations
APPROVED

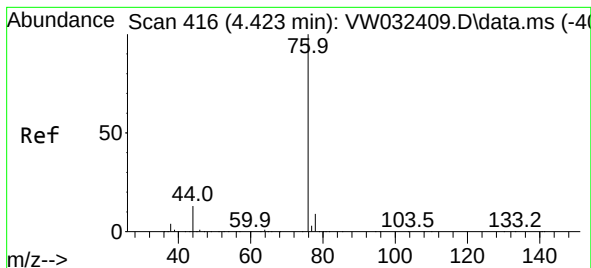
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#16
Acetone
Concen: 28.046 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 43 Resp: 48252
Ion Ratio Lower Upper
43 100
58 34.8 24.8 37.2





#17

Carbon Disulfide

Concen: 5.049 ug/l

RT: 4.417 min Scan# 415

Delta R.T. -0.006 min

Lab File: VW032406.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 7154

Ion Ratio Lower Upper

76 100

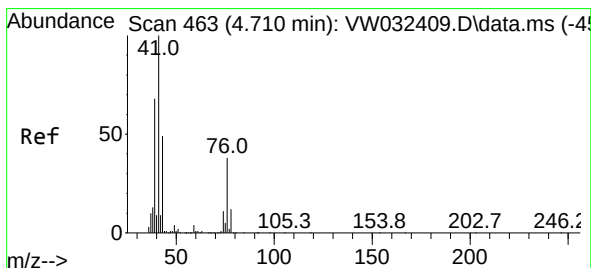
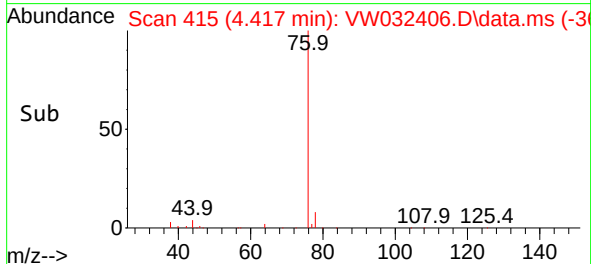
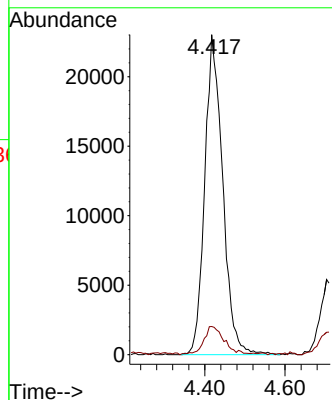
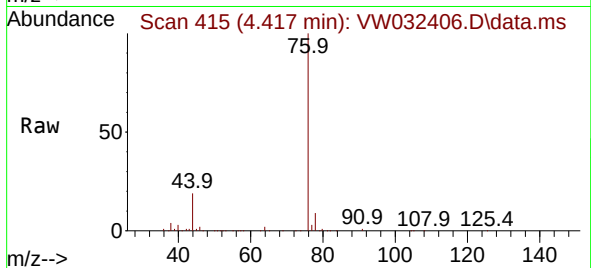
78 8.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#18

Methyl Acetate

Concen: 5.089 ug/l

RT: 4.716 min Scan# 464

Delta R.T. 0.006 min

Lab File: VW032406.D

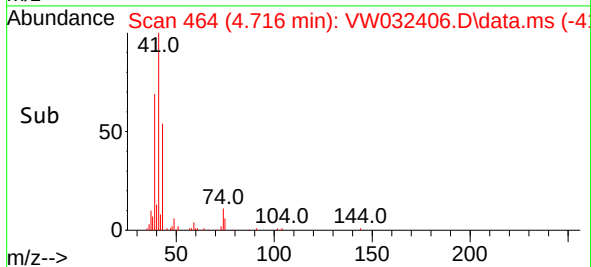
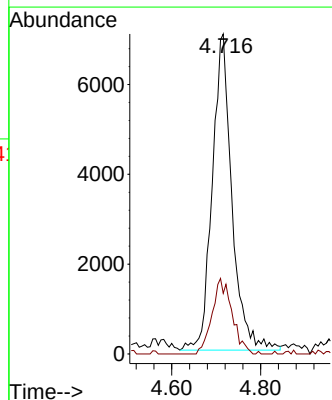
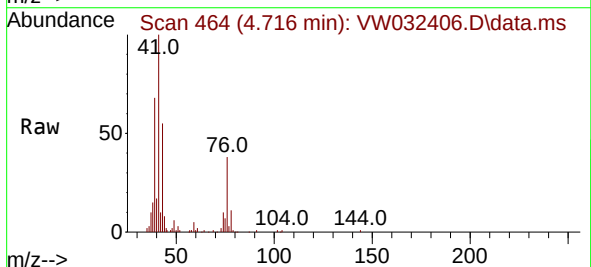
Acq: 10 Nov 2025 15:11

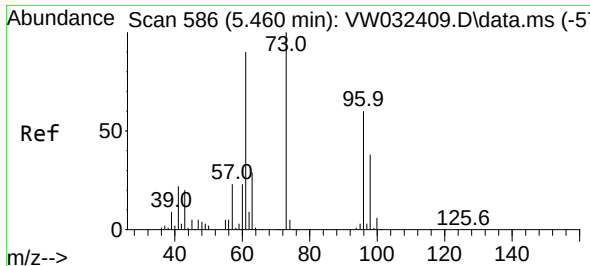
Tgt Ion: 43 Resp: 21679

Ion Ratio Lower Upper

43 100

74 24.1 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 5.235 ug/l

RT: 5.466 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW032406.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

Tgt Ion: 73 Resp: 5290

Ion Ratio Lower Upper

73 100

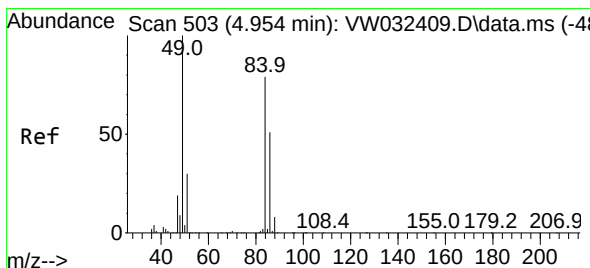
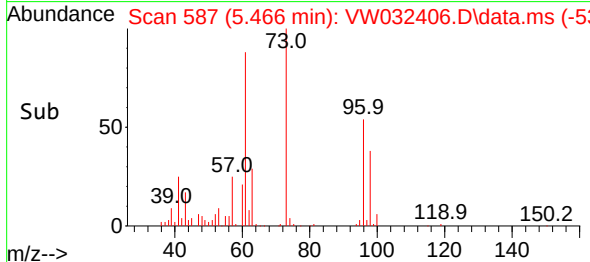
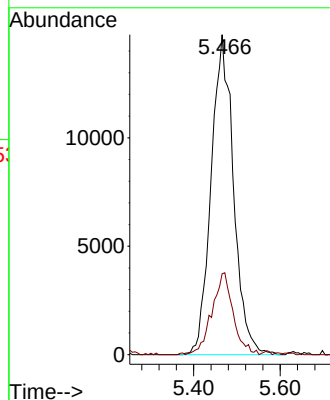
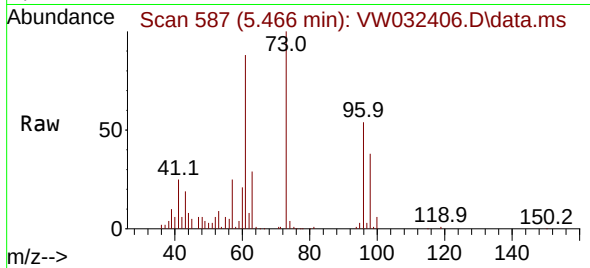
57 24.9 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#20

Methylene Chloride

Concen: 5.718 ug/l

RT: 4.954 min Scan# 503

Delta R.T. 0.000 min

Lab File: VW032406.D

Acq: 10 Nov 2025 15:11

Tgt Ion: 84 Resp: 35179

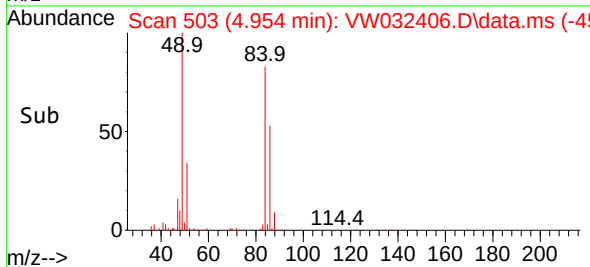
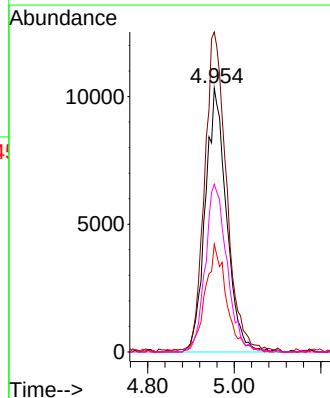
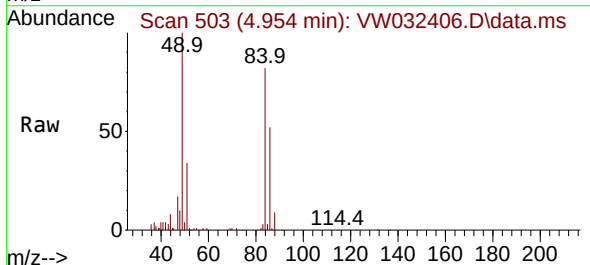
Ion Ratio Lower Upper

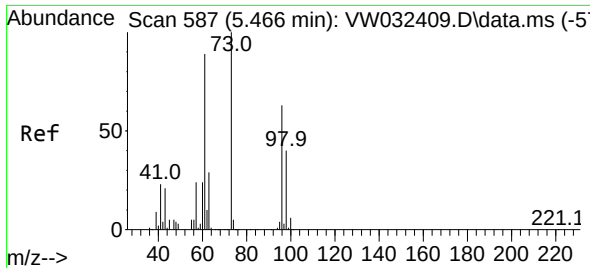
84 100

49 120.4 101.5 152.3

51 40.3 30.6 46.0

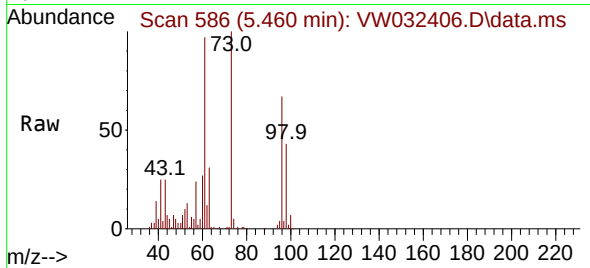
86 63.6 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 5.253 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

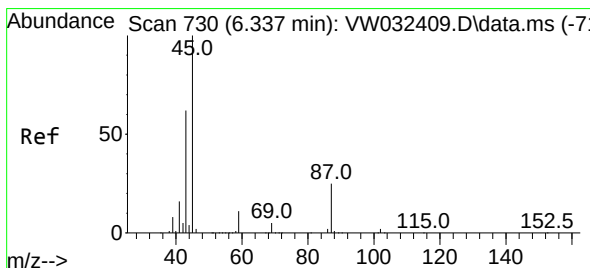
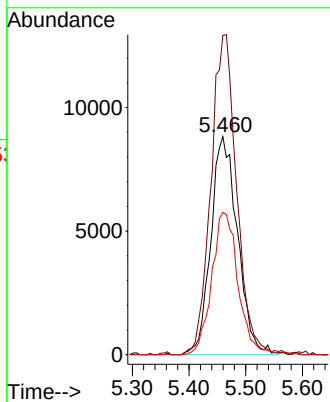
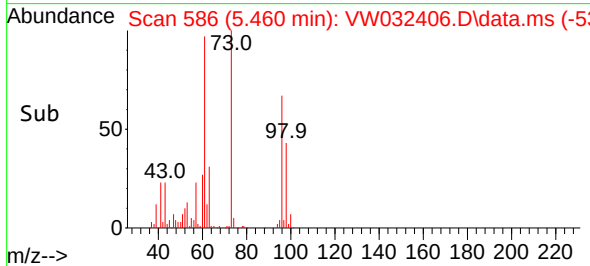
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 2879
Ion Ratio Lower Upper
96 100
61 146.4 112.5 168.7
98 65.3 51.1 76.7

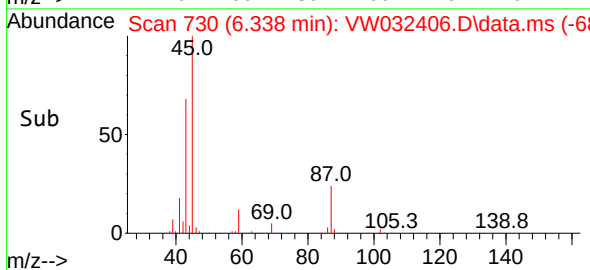
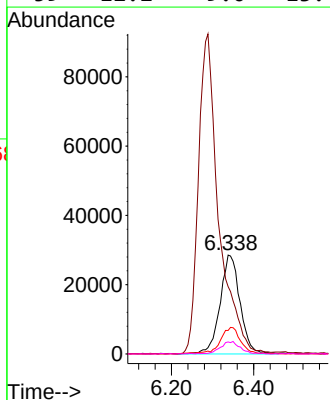
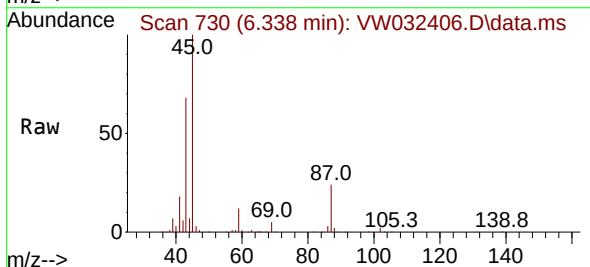
Manual Integrations
APPROVED

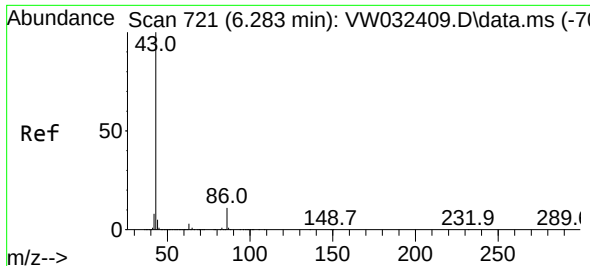
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#22
Diisopropyl ether
Concen: 5.118 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

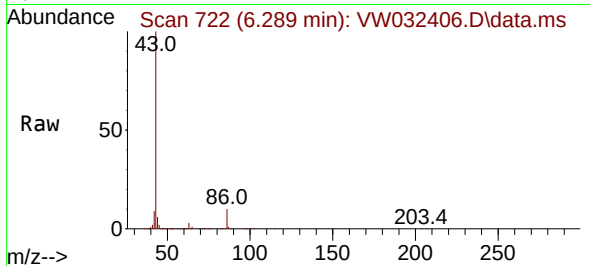
Tgt Ion: 45 Resp: 96076
Ion Ratio Lower Upper
45 100
43 67.9 49.4 74.2
87 23.5 20.1 30.1
59 12.2 9.0 13.4





#23
Vinyl Acetate
Concen: 24.561 ug/l
RT: 6.289 min Scan# 715
Delta R.T. 0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

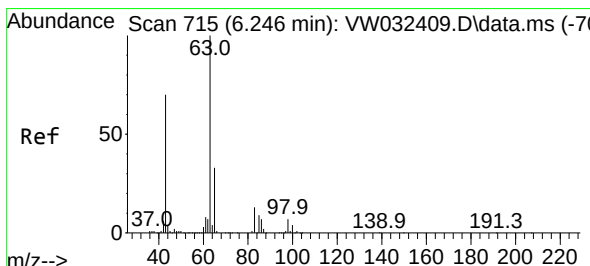
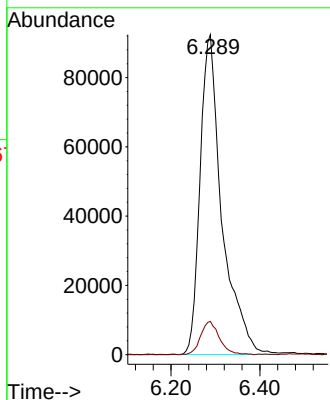
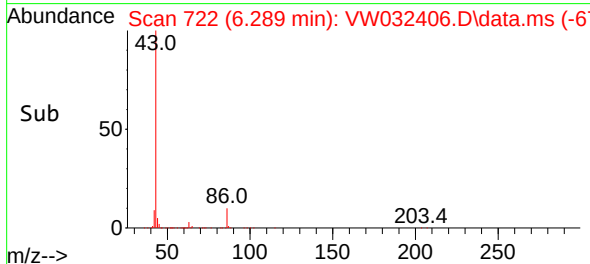
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 315880
Ion Ratio Lower Upper
43 100
86 10.4 8.6 12.8

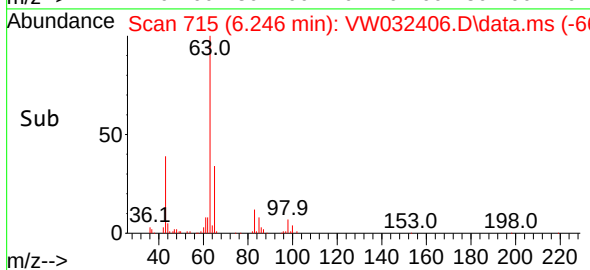
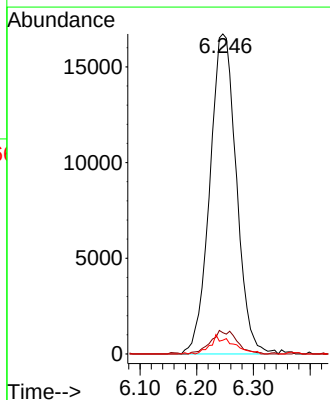
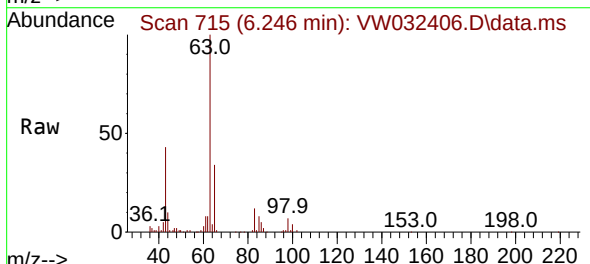
Manual Integrations
APPROVED

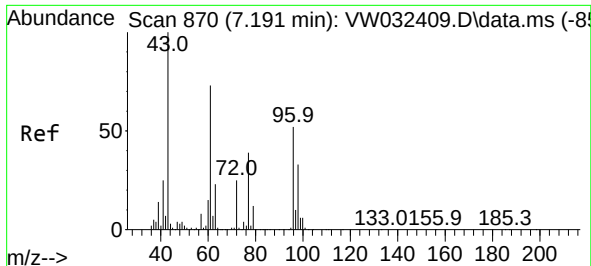
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#24
1,1-Dichloroethane
Concen: 5.278 ug/l
RT: 6.246 min Scan# 715
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 63 Resp: 54281
Ion Ratio Lower Upper
63 100
98 6.7 3.6 10.8
100 4.3 2.3 6.8





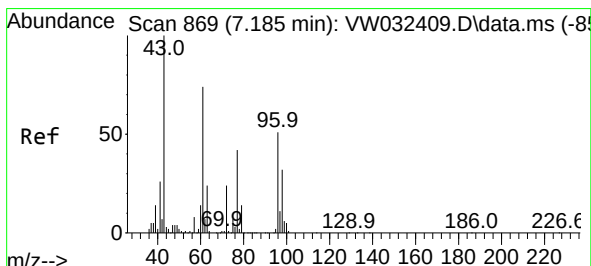
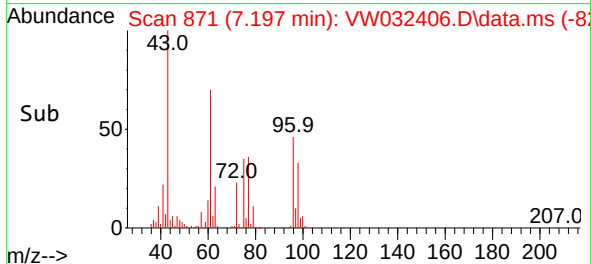
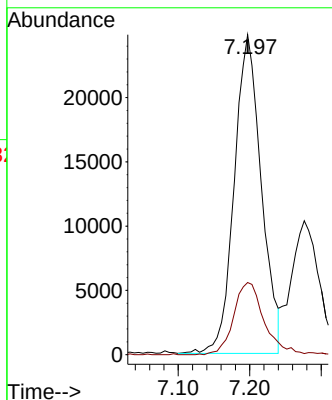
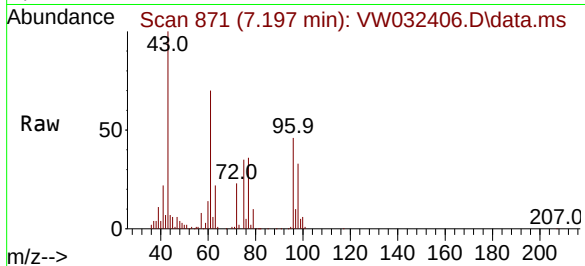
#25
2-Butanone
Concen: 25.725 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 65204
Ion Ratio Lower Upper
43 100
72 22.6 20.0 30.0

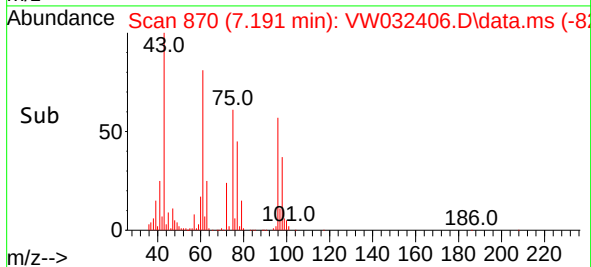
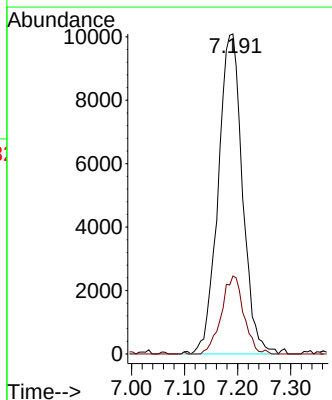
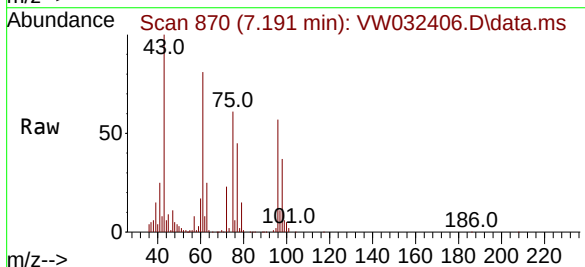
Manual Integrations
APPROVED

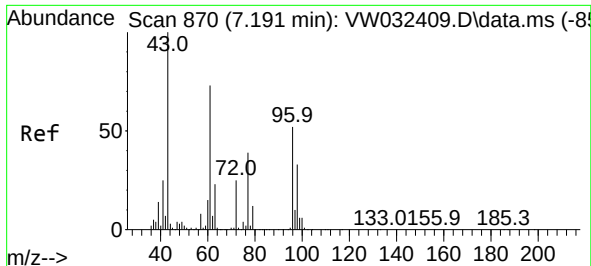
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#26
2,2-Dichloropropane
Concen: 5.592 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 77 Resp: 32052
Ion Ratio Lower Upper
77 100
97 22.4 12.3 36.8





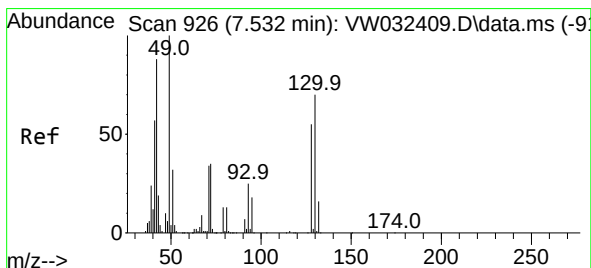
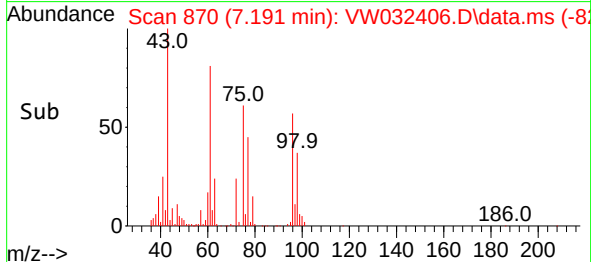
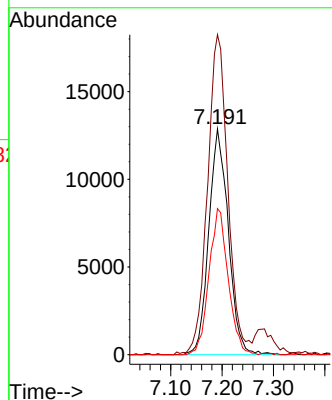
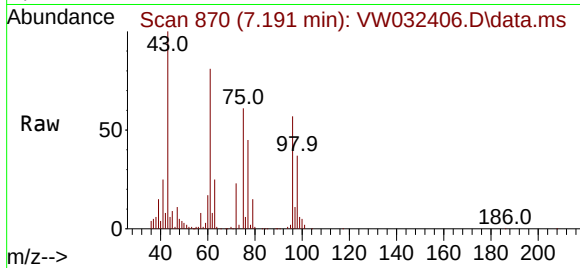
#27
 cis-1,2-Dichloroethene
 Concen: 5.205 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032406.D
 Acq: 10 Nov 2025 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Tgt Ion: 96 Resp: 3409
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 282.6
 98 63.5 0.0 128.6

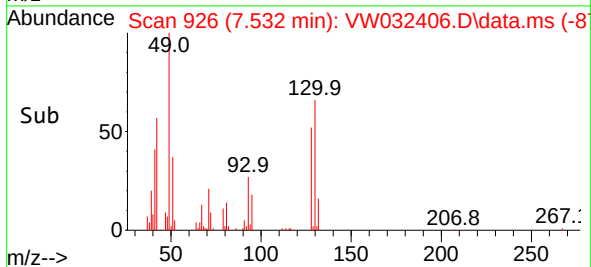
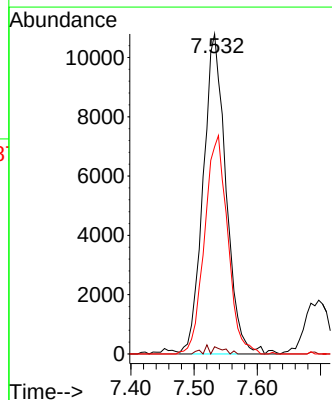
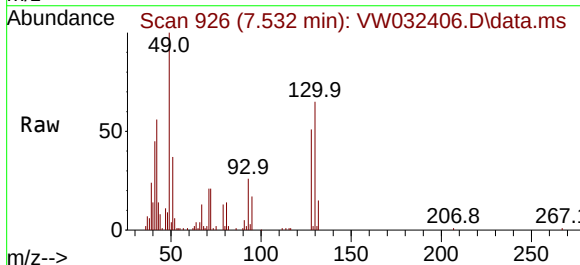
Manual Integrations
 APPROVED

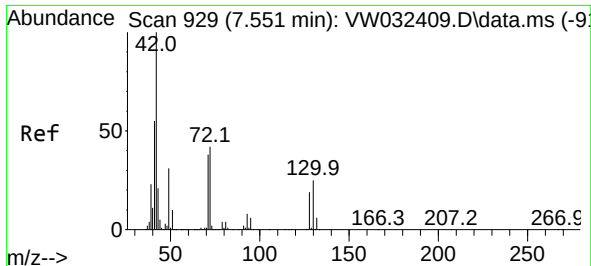
Reviewed By :Amit Patel 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025



#28
 Bromochloromethane
 Concen: 5.563 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032406.D
 Acq: 10 Nov 2025 15:11

Tgt Ion: 49 Resp: 27041
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 69.2 56.9 85.3





#29

Tetrahydrofuran

Concen: 25.492 ug/l

RT: 7.557 min Scan# 910

Delta R.T. 0.006 min

Lab File: VW032406.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

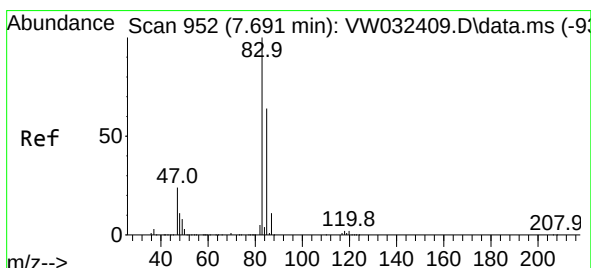
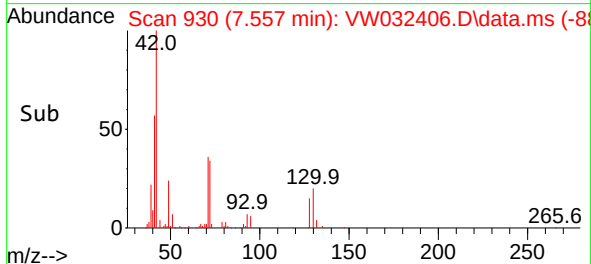
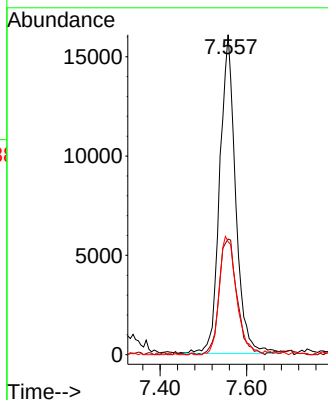
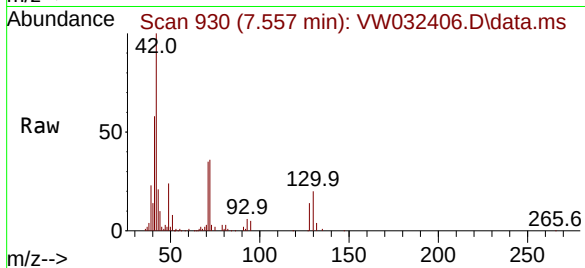
Tgt Ion:	42	Resp:	41010
Ion Ratio	Lower	Upper	
42	100		
72	40.9	33.6	50.4
71	40.3	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#30

Chloroform

Concen: 5.157 ug/l

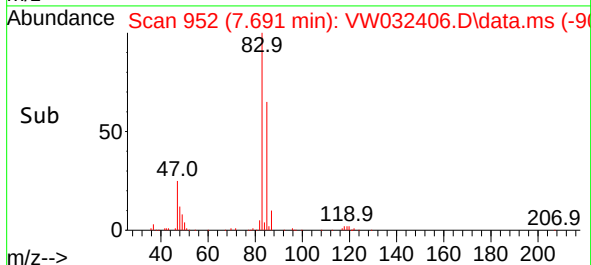
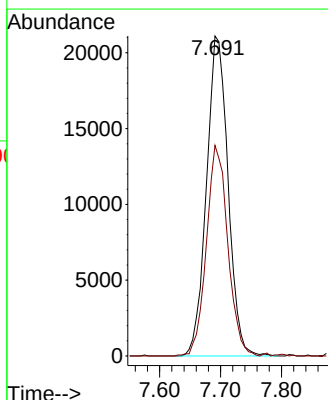
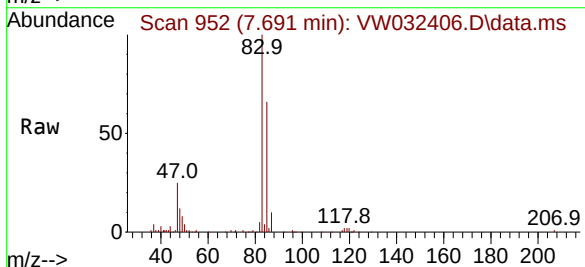
RT: 7.691 min Scan# 952

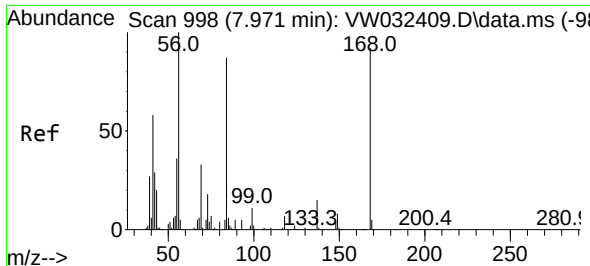
Delta R.T. 0.000 min

Lab File: VW032406.D

Acq: 10 Nov 2025 15:11

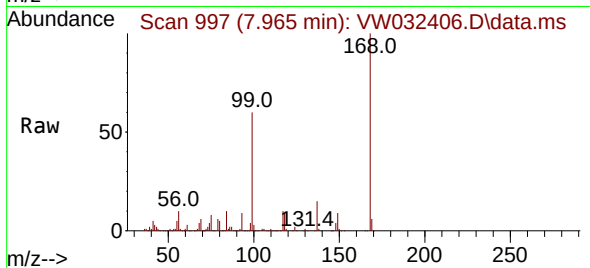
Tgt Ion:	83	Resp:	51922
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.0	76.4





#31
Cyclohexane
Concen: 5.797 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

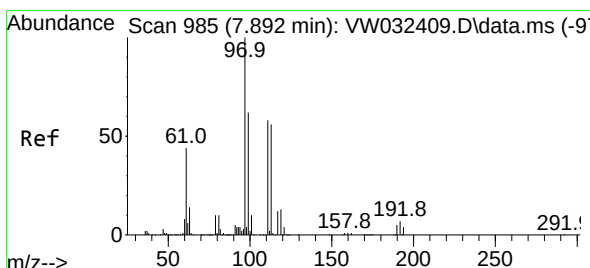
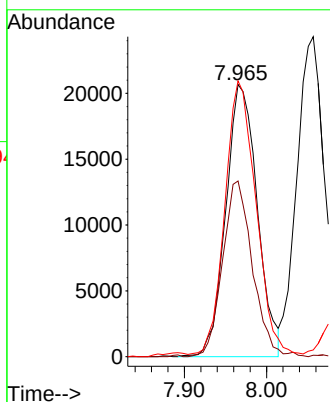
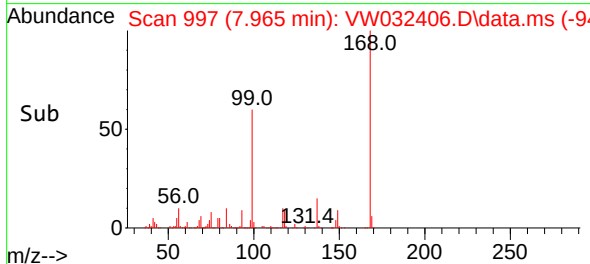
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 55149
Ion Ratio Lower Upper
56 100
69 63.9 26.5 39.7
84 99.8 69.6 104.4

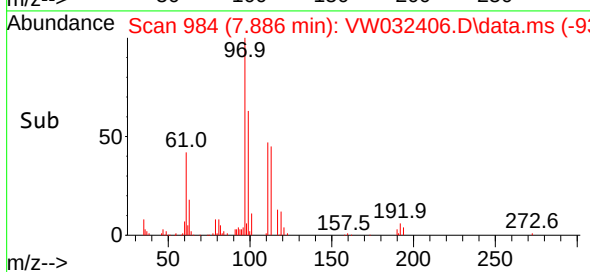
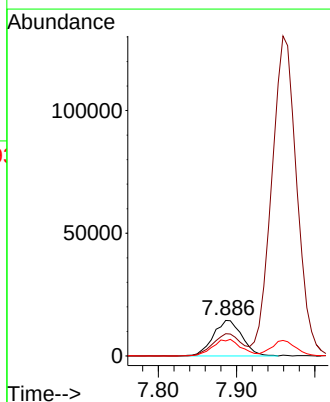
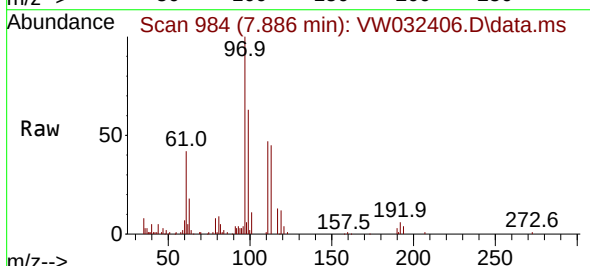
Manual Integrations
APPROVED

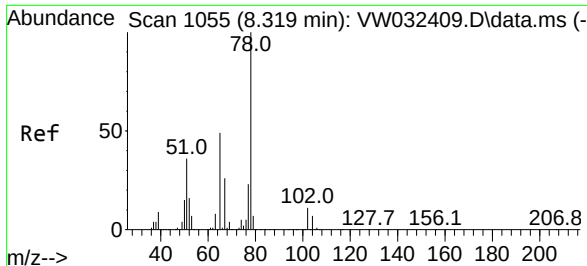
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#32
1,1,1-Trichloroethane
Concen: 5.154 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

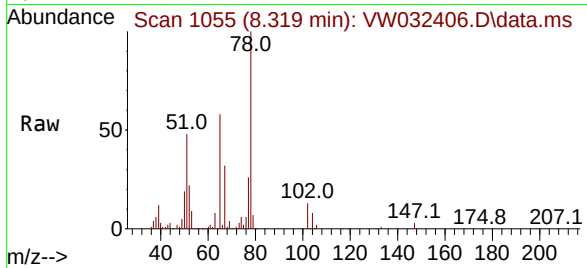
Tgt Ion: 97 Resp: 37069
Ion Ratio Lower Upper
97 100
99 62.4 51.8 77.8
61 46.4 35.5 53.3





#33
 1,2-Dichloroethane-d4
 Concen: 5.357 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032406.D
 Acq: 10 Nov 2025 15:11

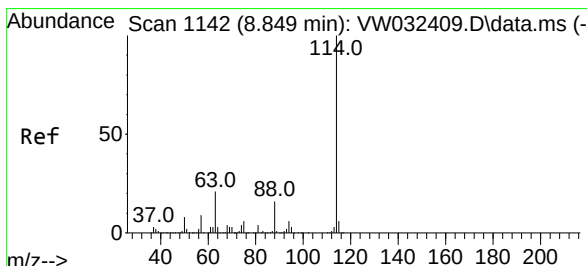
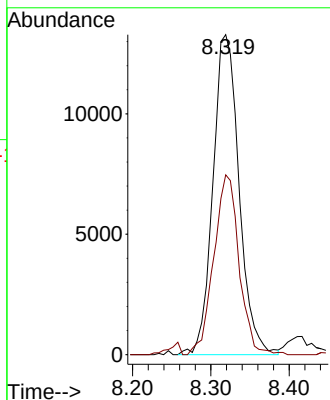
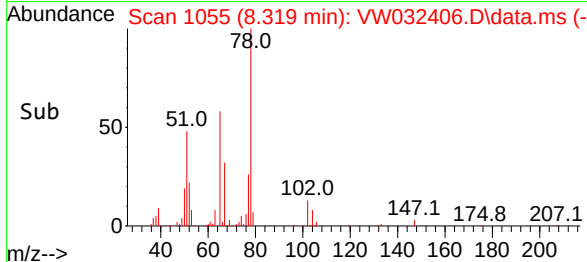
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005



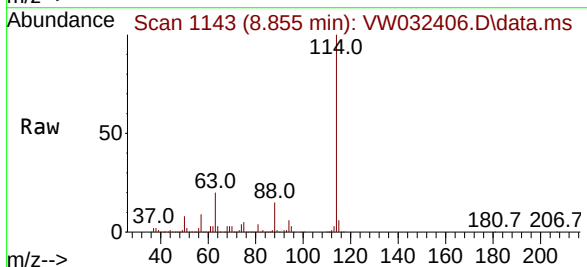
Tgt Ion: 65 Resp: 3080
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.8

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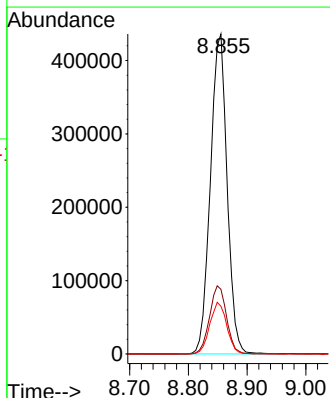
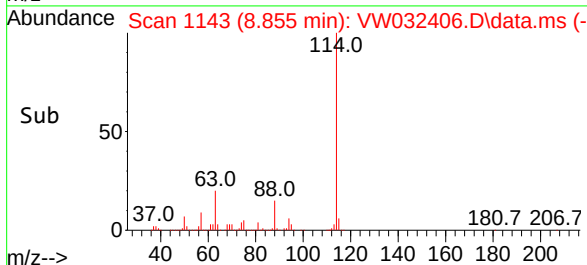
Reviewed By :Amit Patel 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025

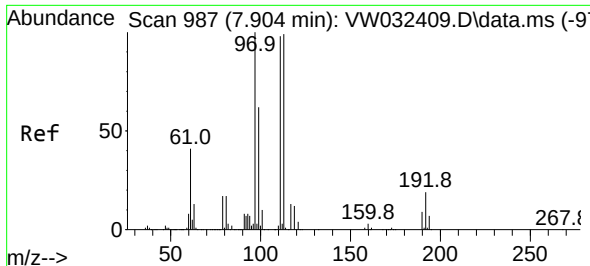


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032406.D
 Acq: 10 Nov 2025 15:11



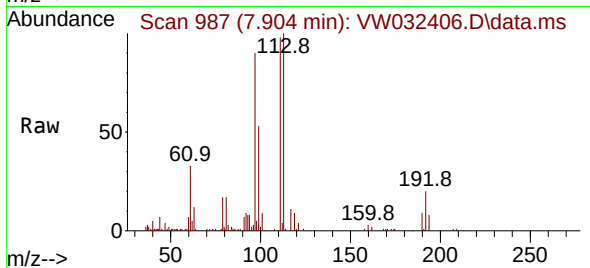
Tgt Ion:114 Resp: 861919
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 14.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 5.249 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

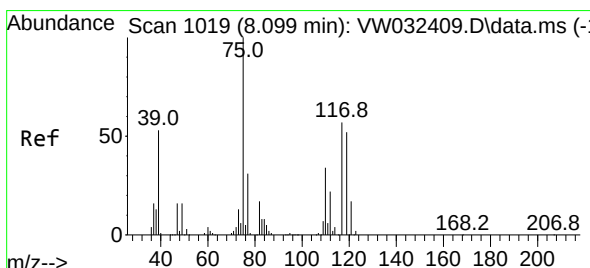
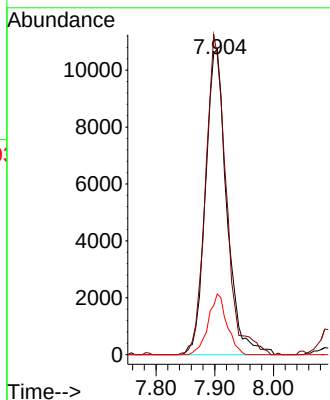
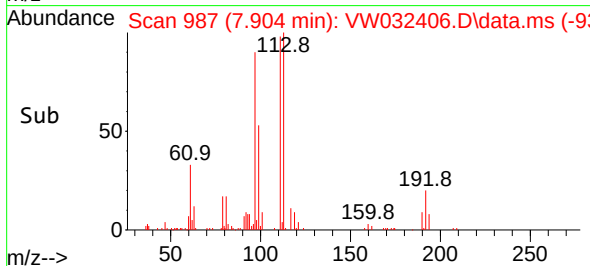
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



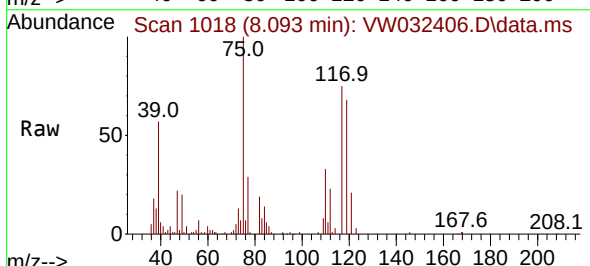
Tgt Ion: 113 Resp: 27089
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 17.4 13.4 20.2

Manual Integrations
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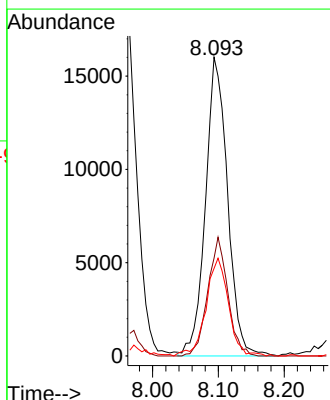
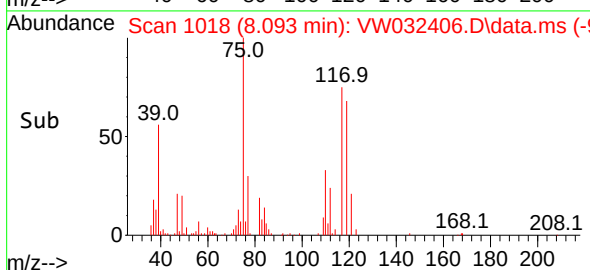
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

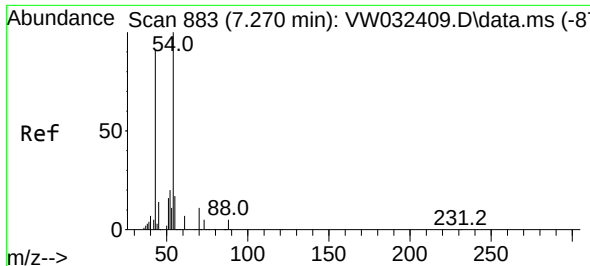


#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



Tgt Ion: 75 Resp: 37460
Ion Ratio Lower Upper
75 100
110 36.1 17.2 51.5
77 32.9 24.5 36.7





#37

Ethyl Acetate

Concen: 4.796 ug/l

RT: 7.276 min Scan# 884

Delta R.T. 0.006 min

Lab File: VW032406.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 27118

Ion Ratio Lower Upper

43 100

61 11.8 11.0 16.6

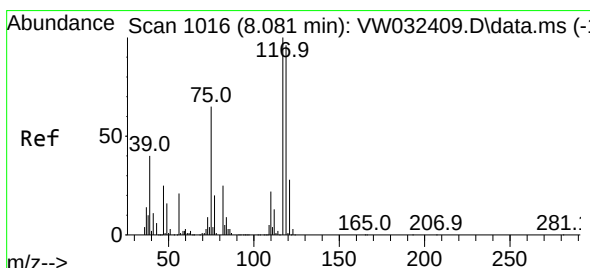
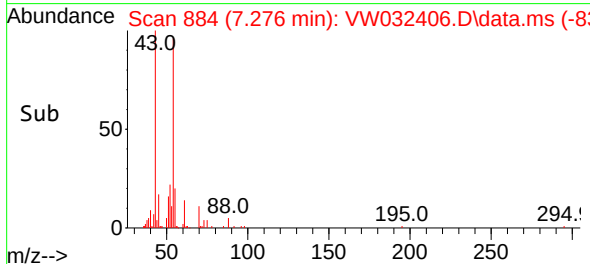
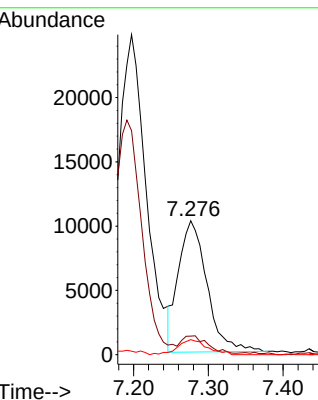
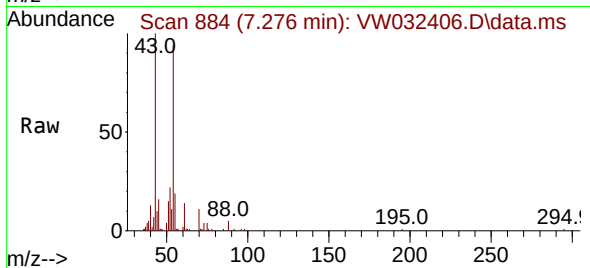
70 11.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#38

Carbon Tetrachloride

Concen: 5.003 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW032406.D

Acq: 10 Nov 2025 15:11

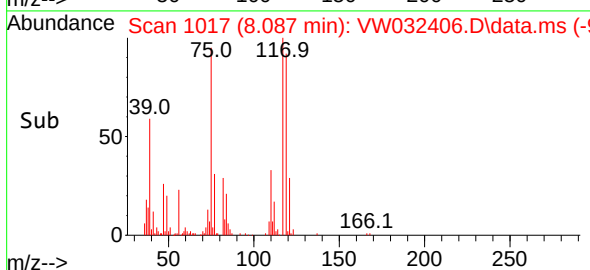
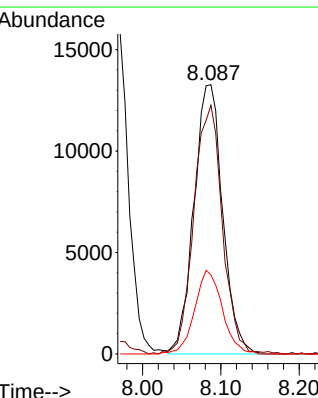
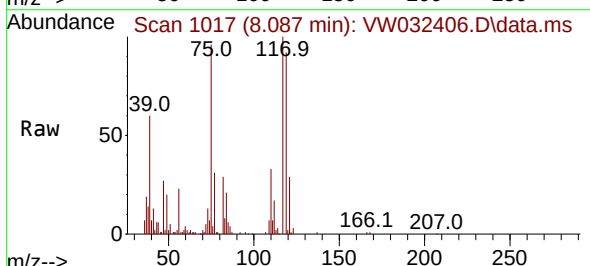
Tgt Ion:117 Resp: 33800

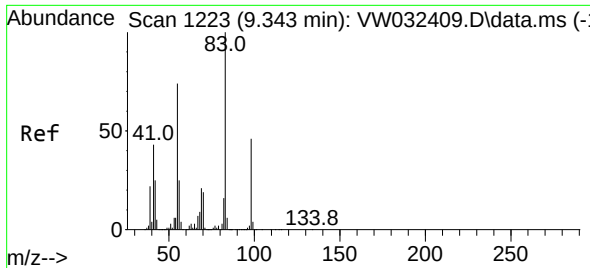
Ion Ratio Lower Upper

117 100

119 91.4 77.0 115.4

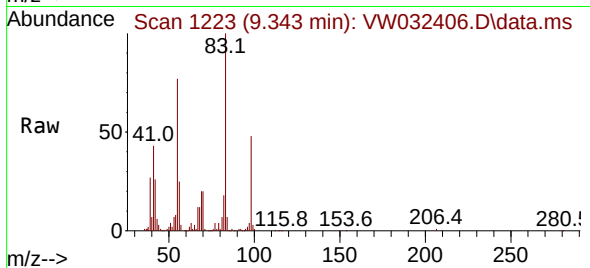
121 29.4 22.0 33.0





#39
Methylcyclohexane
Concen: 4.898 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

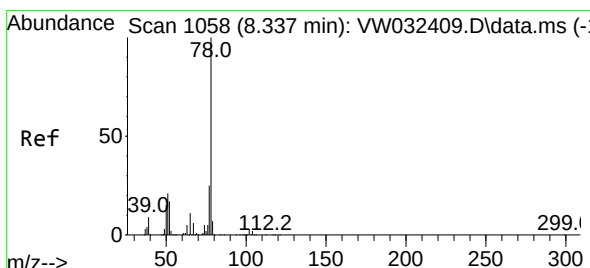
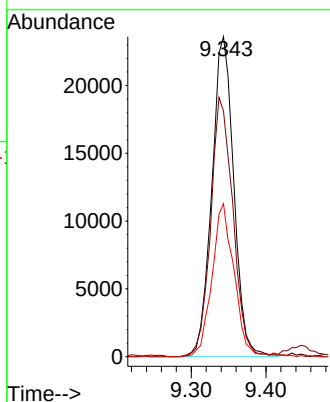
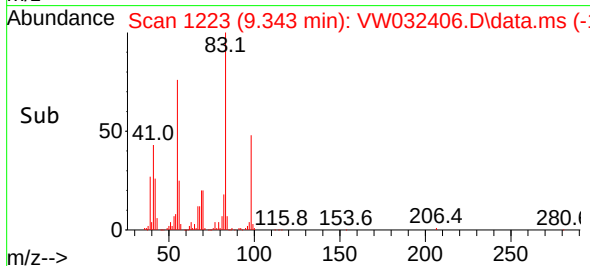
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 4824
Ion Ratio Lower Upper
83 100
55 76.7 59.2 88.8
98 47.8 36.6 54.8

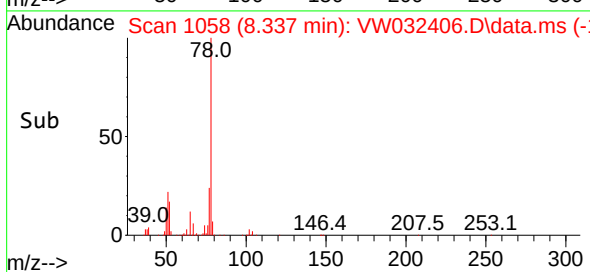
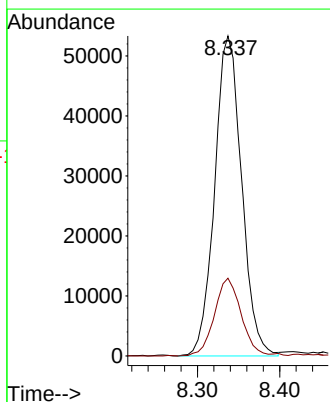
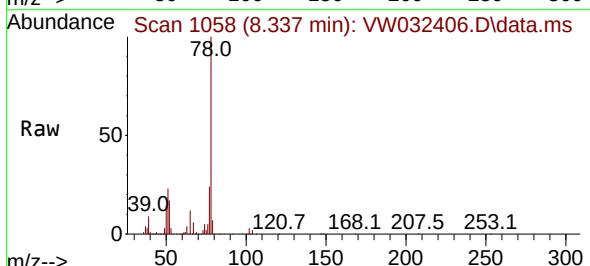
Manual Integrations
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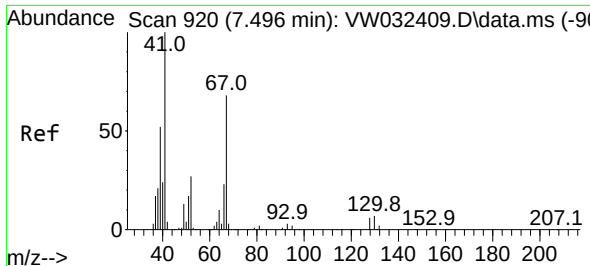
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#40
Benzene
Concen: 4.962 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 78 Resp: 121492
Ion Ratio Lower Upper
78 100
77 24.3 19.6 29.4





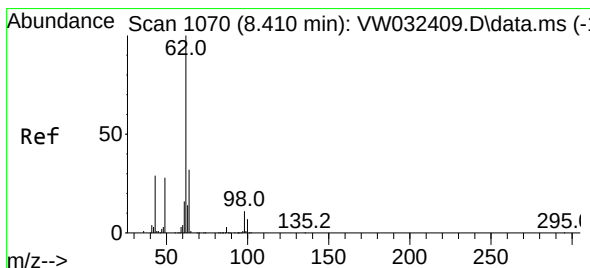
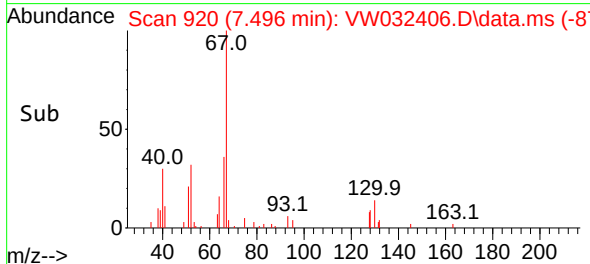
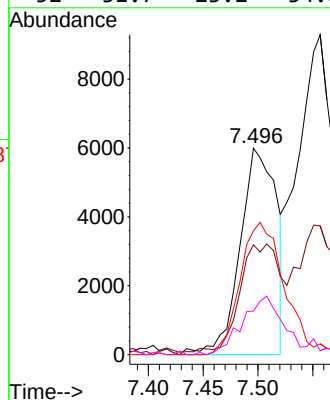
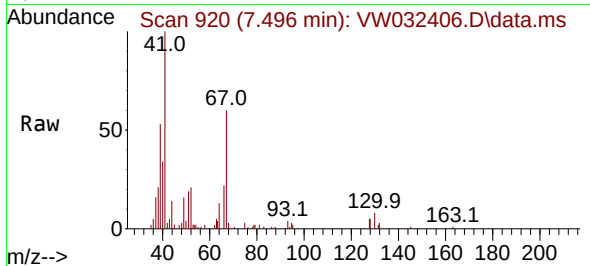
#41
Methacrylonitrile
Concen: 4.462 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	1385
Ion Ratio	Lower	Upper	
41	100		
39	60.9	44.6	66.8
67	79.0	57.6	86.4
52	31.7	23.2	34.8

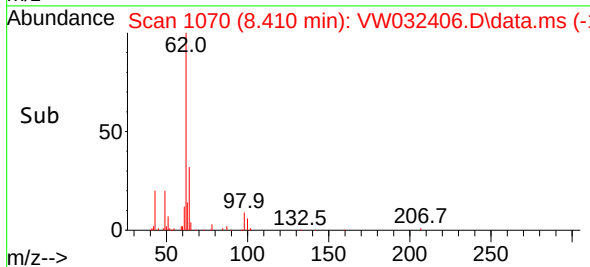
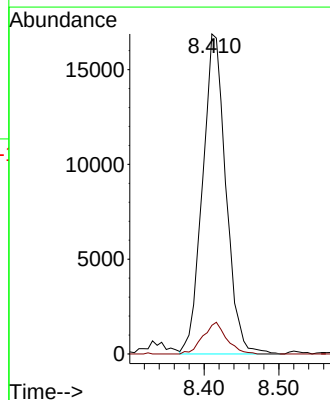
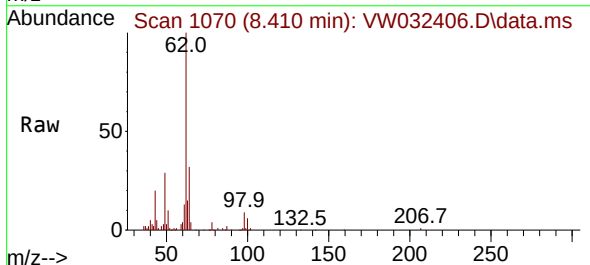
Manual Integrations
APPROVED

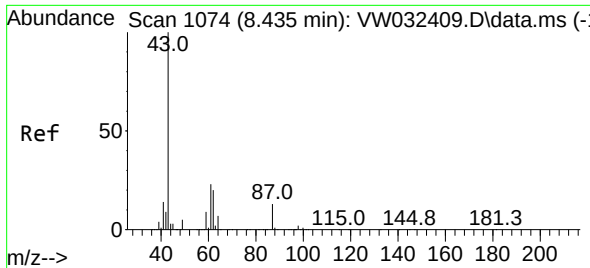
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#42
1,2-Dichloroethane
Concen: 5.095 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

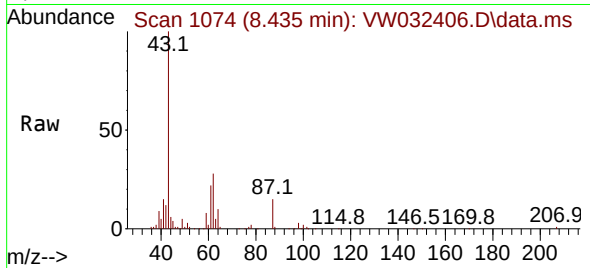
Tgt Ion:	62	Resp:	36648
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	20.2





#43
Isopropyl Acetate
Concen: 4.787 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

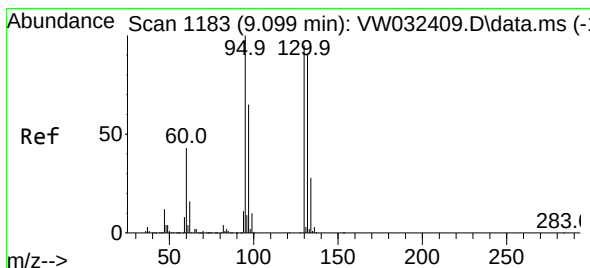
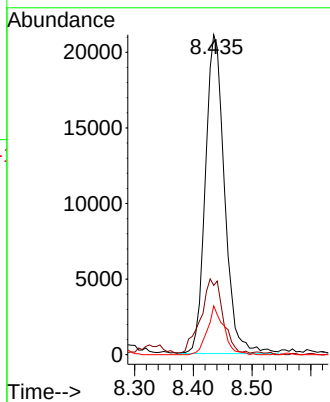
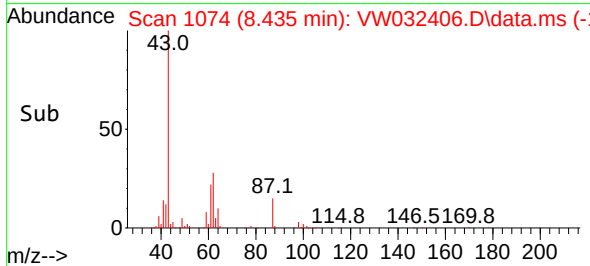
Instrument : MSVOA_W
ClientSampleId : VSTDIC005



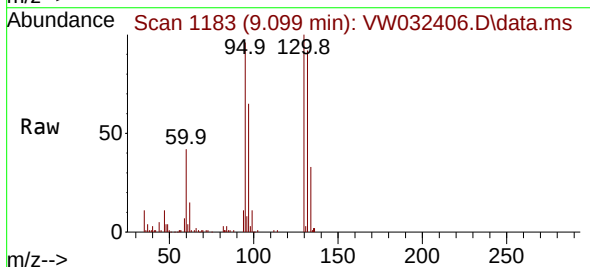
Tgt Ion: 43 Resp: 47925
Ion Ratio Lower Upper
43 100
61 26.8 22.6 33.8
87 13.1 10.6 15.8

Manual Integrations
APPROVED

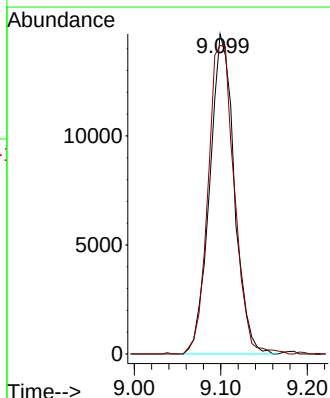
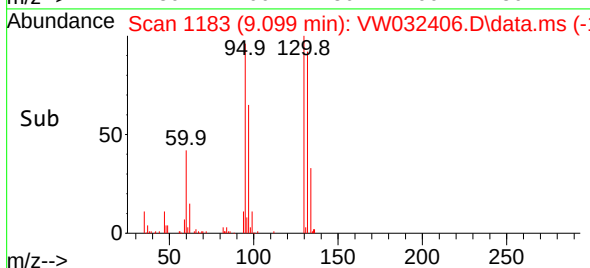
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

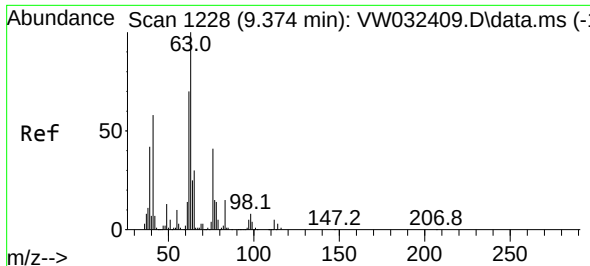


#44
Trichloroethene
Concen: 5.084 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



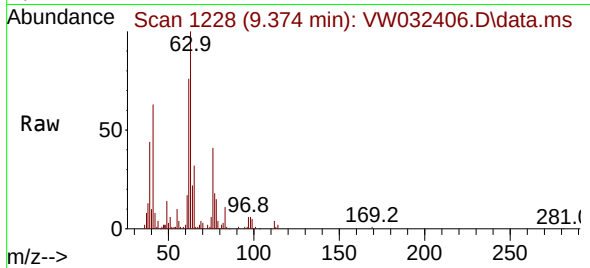
Tgt Ion:130 Resp: 28965
Ion Ratio Lower Upper
130 100
95 96.4 0.0 209.6





#45
1,2-Dichloropropane
Concen: 5.026 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

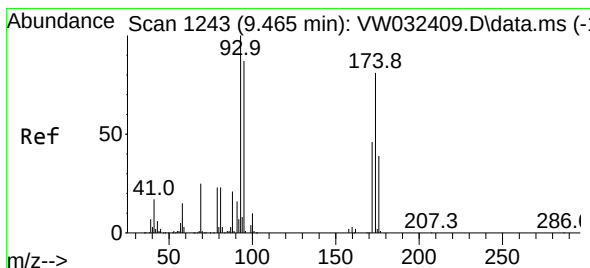
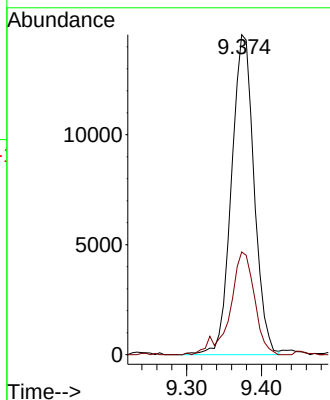
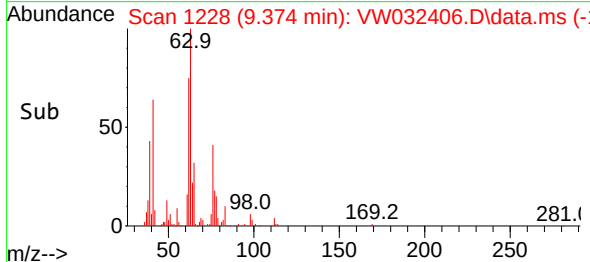
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



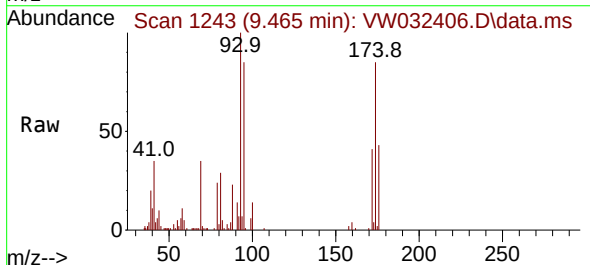
Tgt Ion: 63 Resp: 3064
Ion Ratio Lower Upper
63 100
65 32.1 24.4 36.6

Manual Integrations
APPROVED

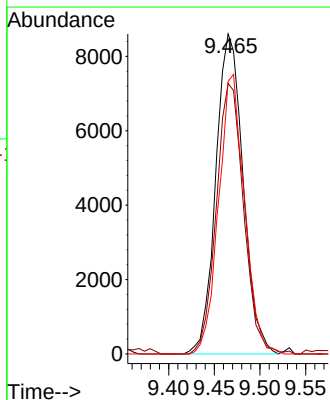
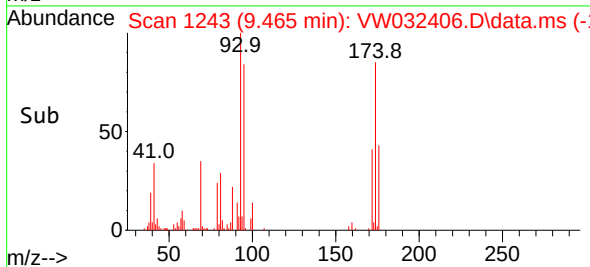
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

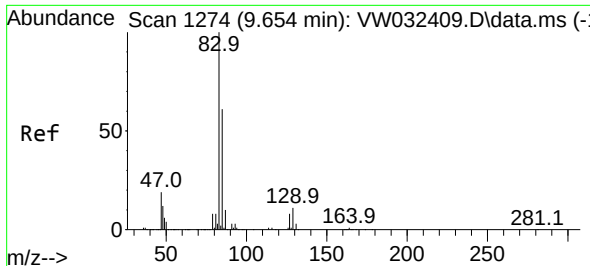


#46
Dibromomethane
Concen: 5.020 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



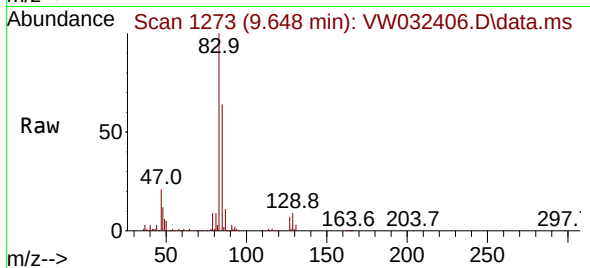
Tgt Ion: 93 Resp: 17884
Ion Ratio Lower Upper
93 100
95 84.5 67.1 100.7
174 82.6 68.2 102.4





#47
Bromodichloromethane
Concen: 4.884 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

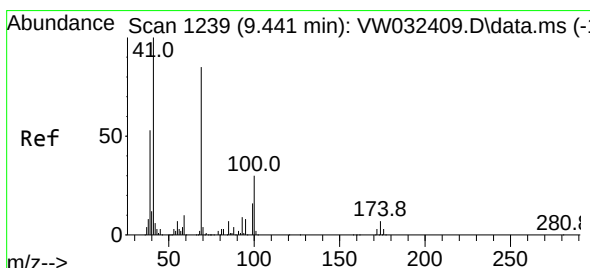
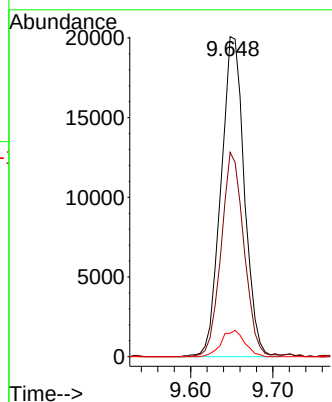
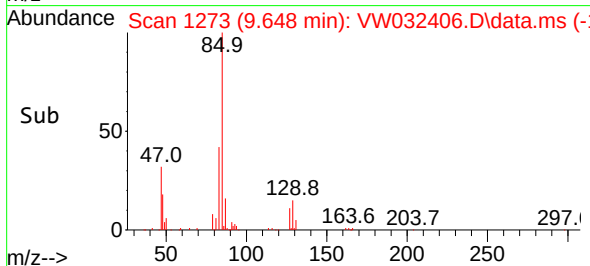
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 39690
Ion Ratio Lower Upper
83 100
85 63.8 48.7 73.1
127 7.3 6.3 9.5

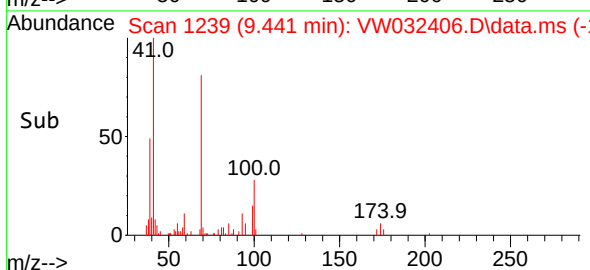
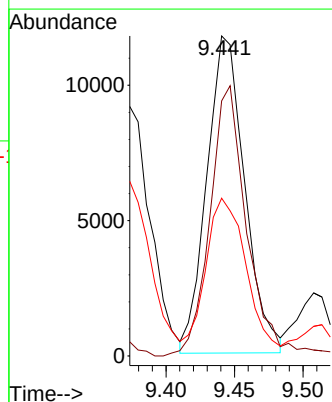
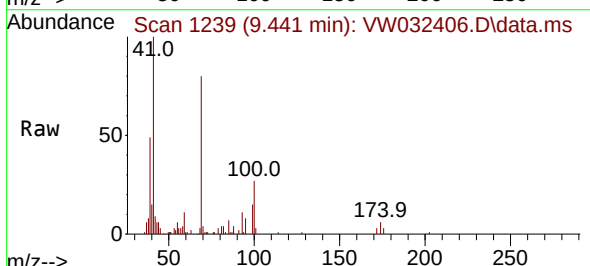
Manual Integrations
APPROVED

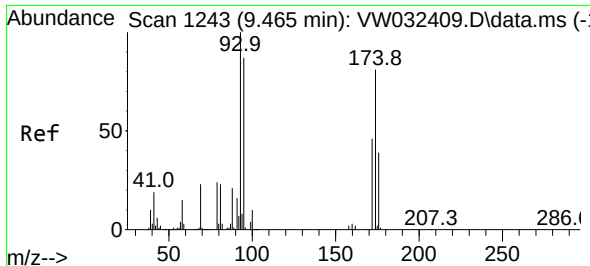
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#48
Methyl methacrylate
Concen: 4.732 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

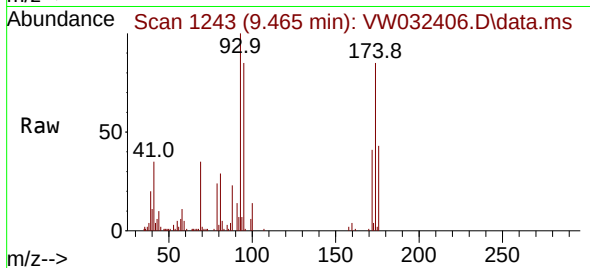
Tgt Ion: 41 Resp: 22511
Ion Ratio Lower Upper
41 100
69 84.1 65.8 98.6
39 47.2 38.6 57.8





#49
1,4-Dioxane
Concen: 98.734 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

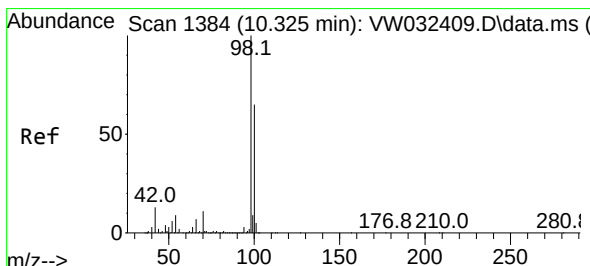
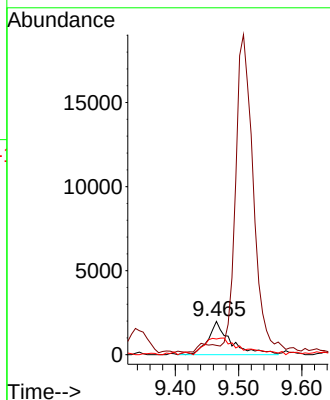
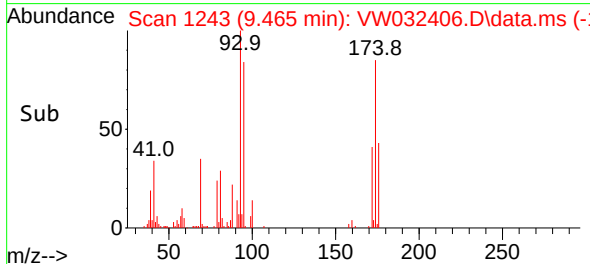
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



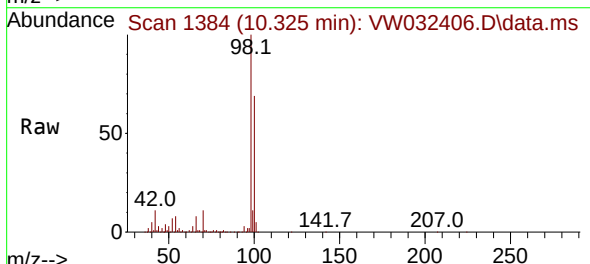
Tgt Ion: 88 Resp: 4928
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 80.1 63.0 94.4

Manual Integrations
APPROVED

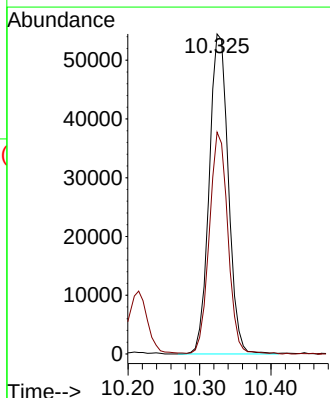
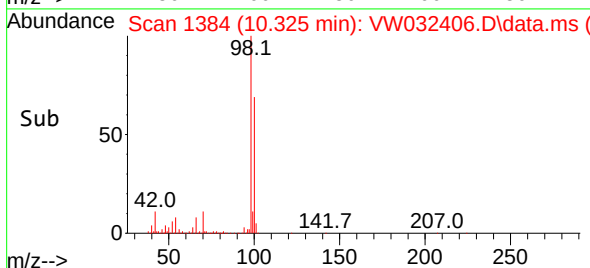
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

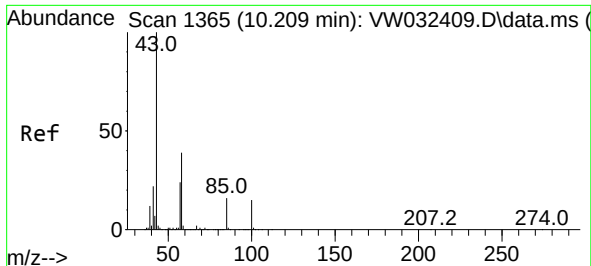


#50
Toluene-d8
Concen: 5.099 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



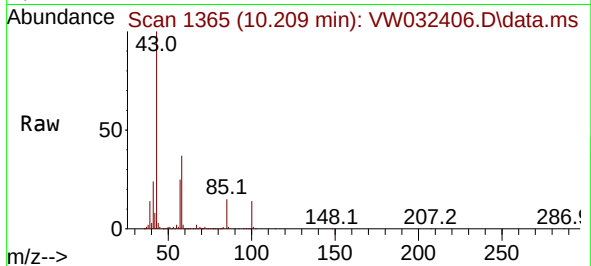
Tgt Ion: 98 Resp: 100946
Ion Ratio Lower Upper
98 100
100 67.4 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 23.659 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

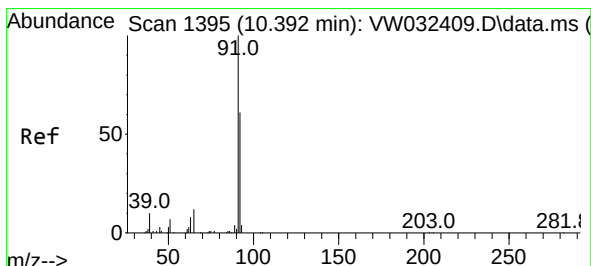
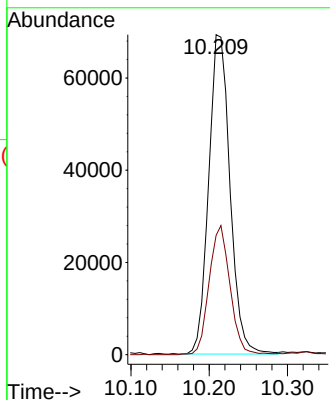
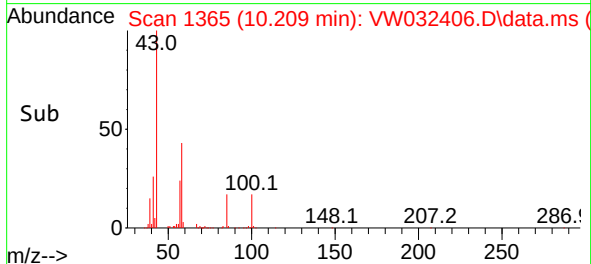
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 130944
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.2

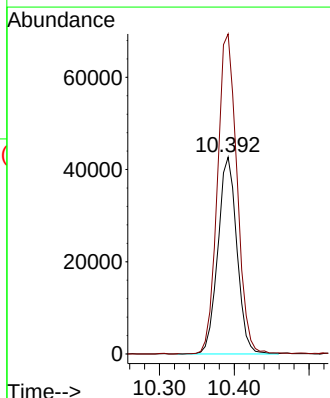
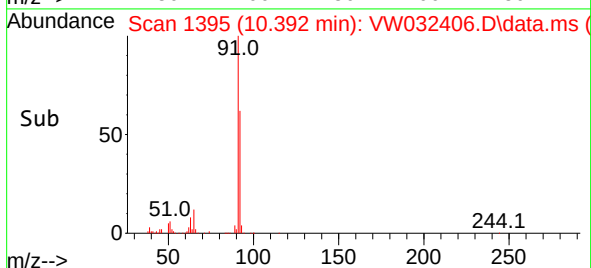
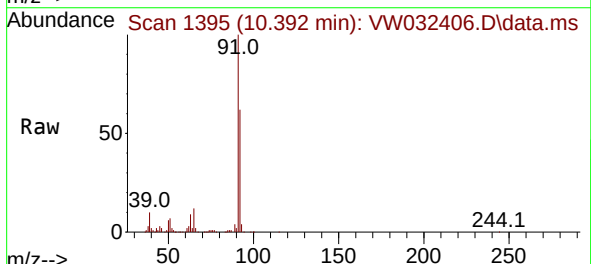
Manual Integrations
APPROVED

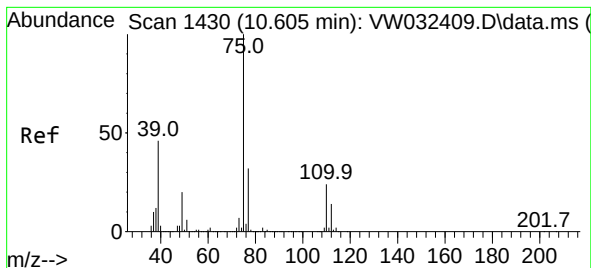
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#52
Toluene
Concen: 4.987 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 92 Resp: 75426
Ion Ratio Lower Upper
92 100
91 167.3 136.6 205.0





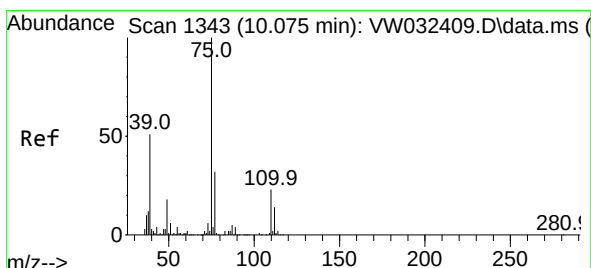
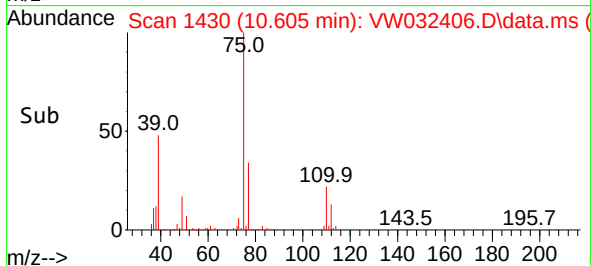
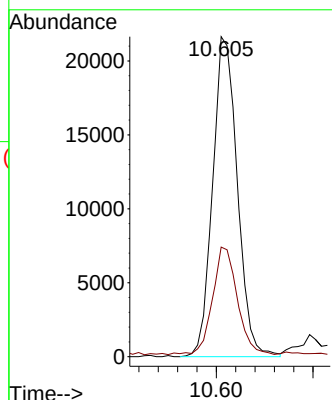
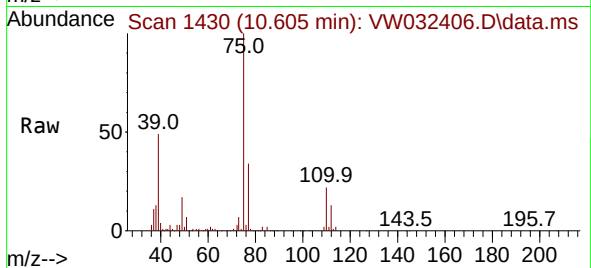
#53
t-1,3-Dichloropropene
Concen: 4.582 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 38349
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0

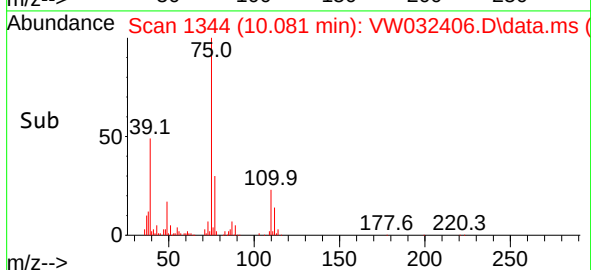
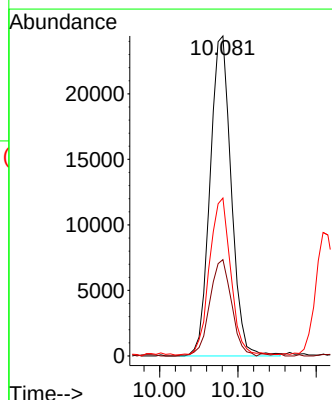
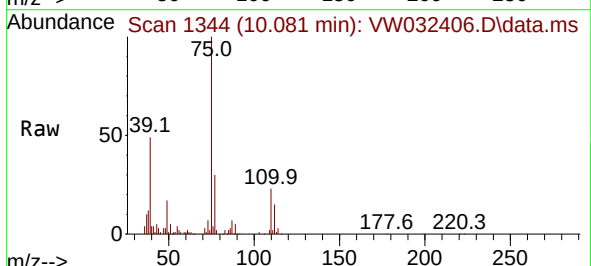
Manual Integrations
APPROVED

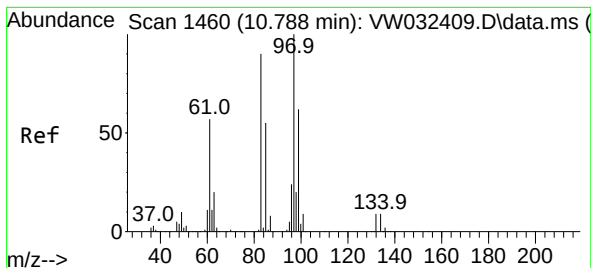
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#54
cis-1,3-Dichloropropene
Concen: 4.733 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

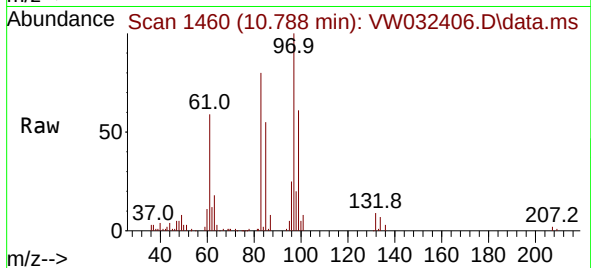
Tgt Ion: 75 Resp: 45809
Ion Ratio Lower Upper
75 100
77 29.8 25.6 38.4
39 48.9 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 5.082 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

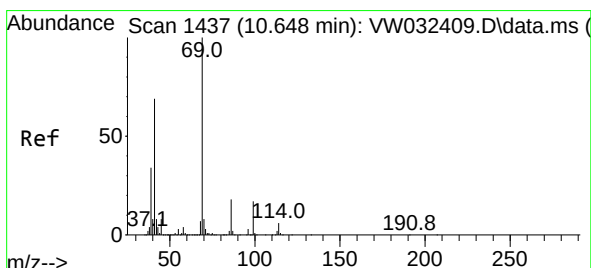
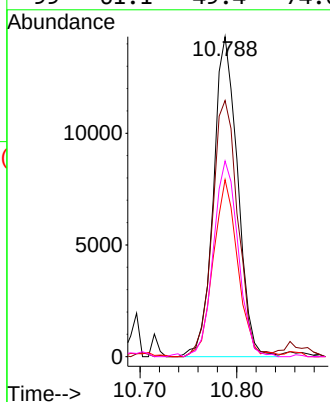
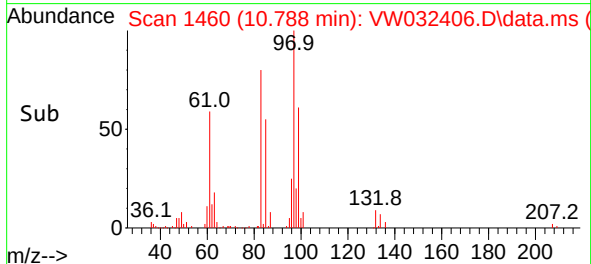
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	2484
Ion	Ratio	Lower	Upper
97	100		
83	80.0	72.2	108.4
85	55.3	43.8	65.8
99	61.1	49.4	74.0

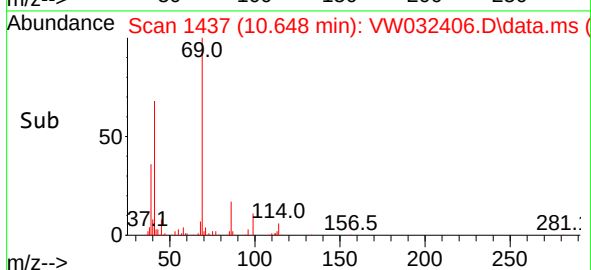
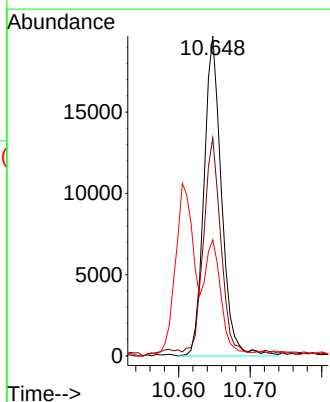
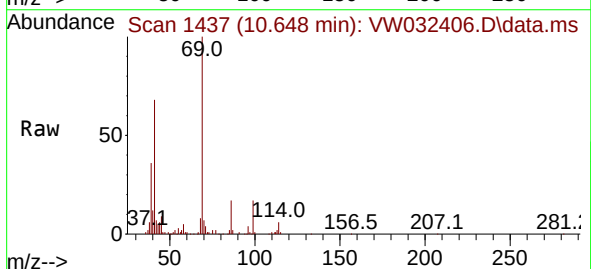
Manual Integrations
APPROVED

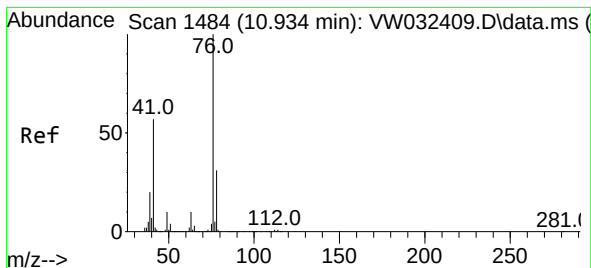
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#56
Ethyl methacrylate
Concen: 4.476 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

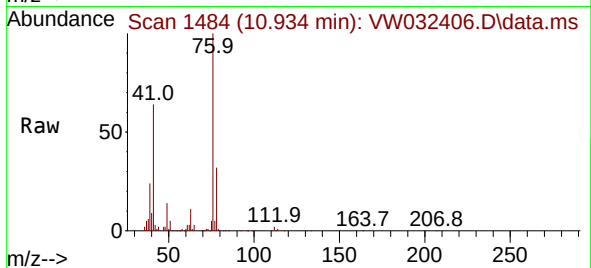
Tgt Ion:	69	Resp:	33566
Ion	Ratio	Lower	Upper
69	100		
41	65.7	54.4	81.6
39	34.0	25.4	38.0





#57
1,3-Dichloropropane
Concen: 4.884 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

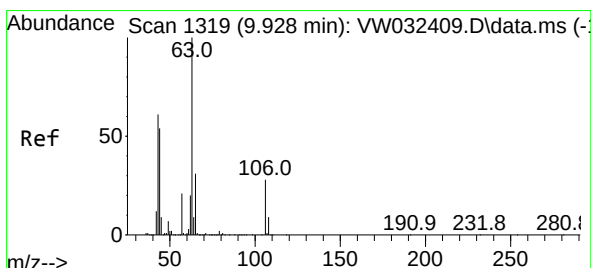
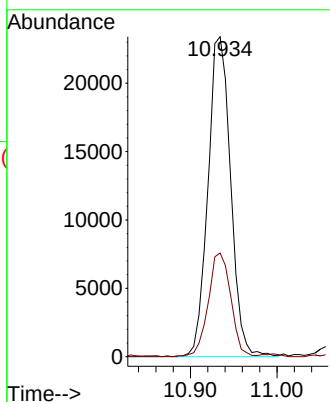
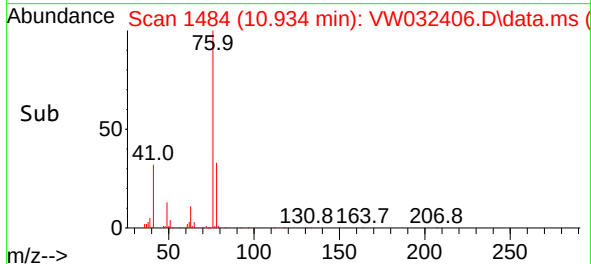
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



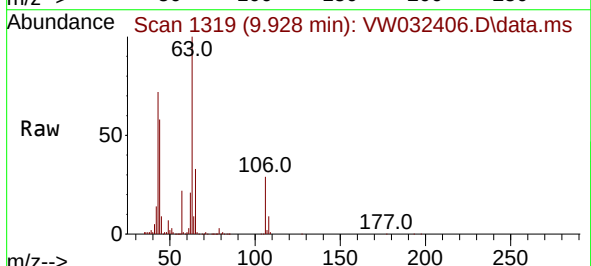
Tgt Ion: 76 Resp: 42638
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

Manual Integrations
APPROVED

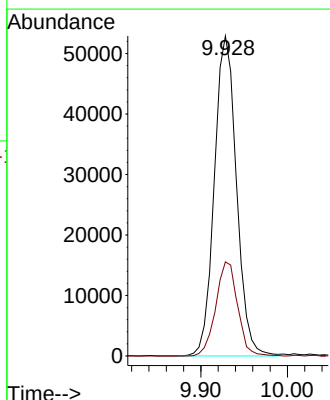
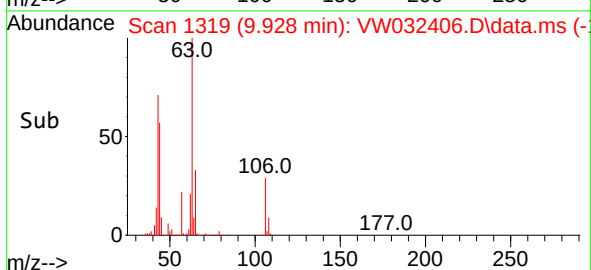
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

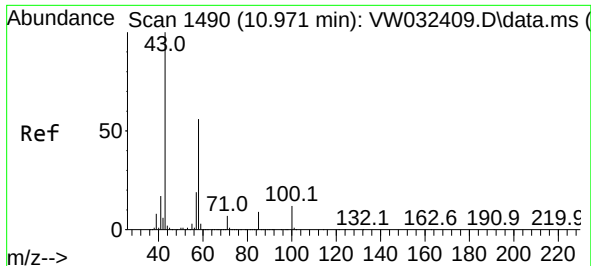


#58
2-Chloroethyl Vinyl ether
Concen: 23.527 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



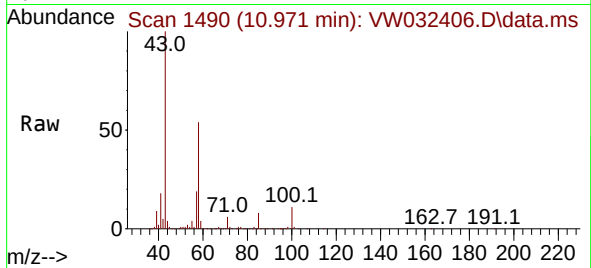
Tgt Ion: 63 Resp: 93963
Ion Ratio Lower Upper
63 100
106 28.9 22.0 33.0





#59
2-Hexanone
Concen: 23.716 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

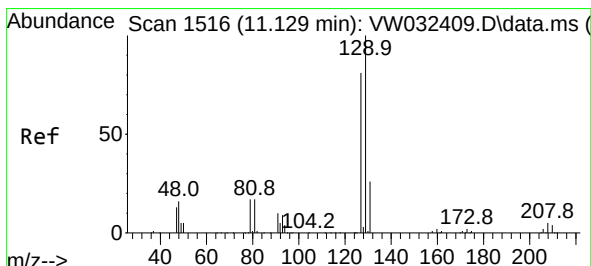
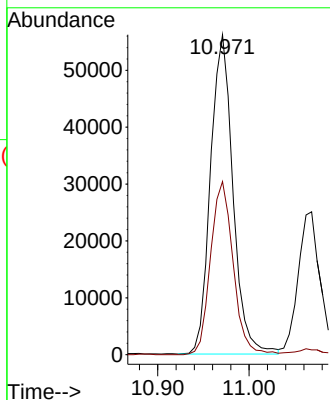
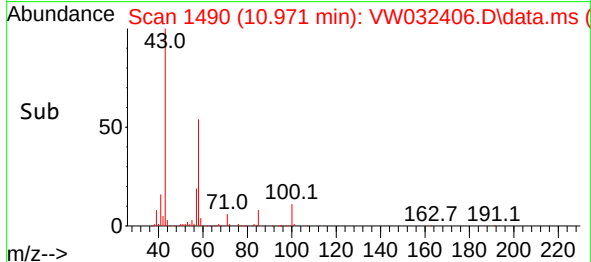
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



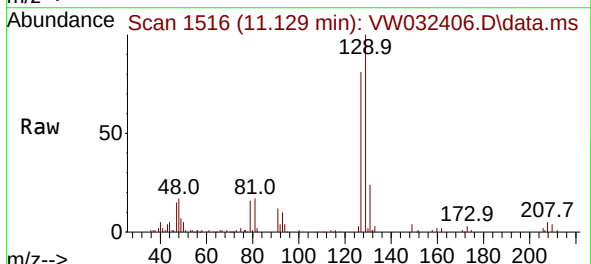
Tgt Ion: 43 Resp: 9603
Ion Ratio Lower Upper
43 100
58 54.4 27.4 82.2

Manual Integrations
APPROVED

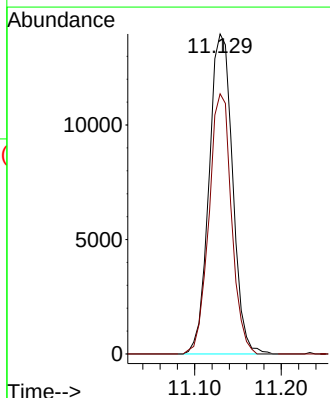
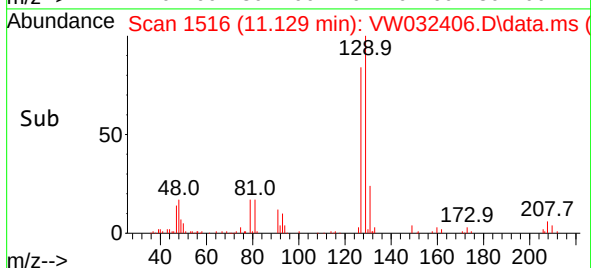
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

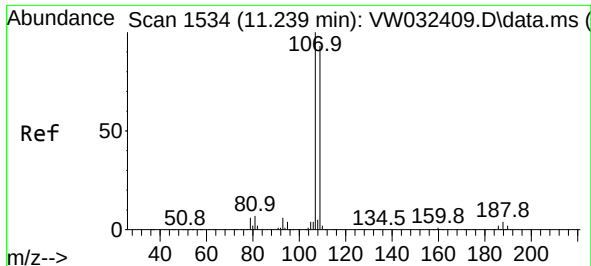


#60
Dibromochloromethane
Concen: 4.833 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



Tgt Ion:129 Resp: 26381
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





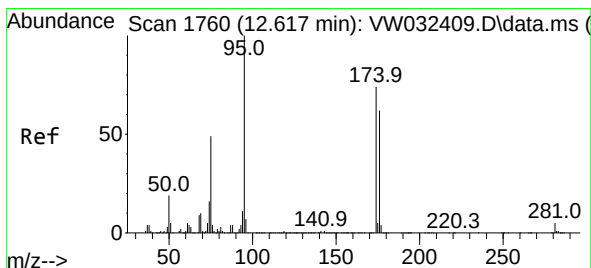
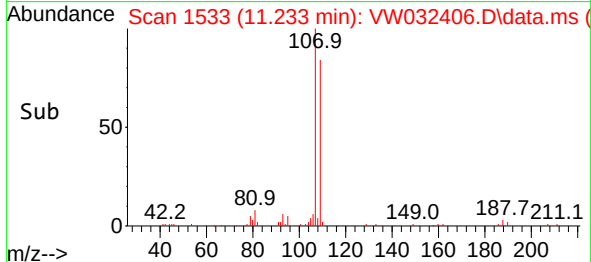
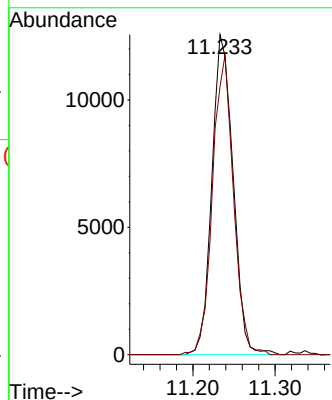
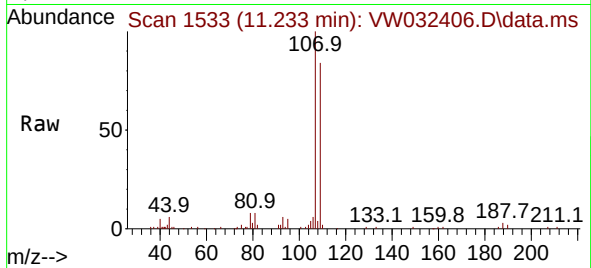
#61
1,2-Dibromoethane
Concen: 4.725 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 2249
Ion Ratio Lower Upper
107 100
109 92.5 76.3 114.5

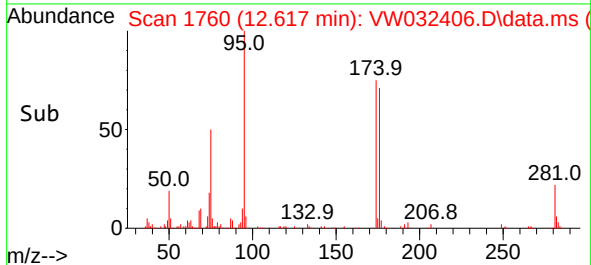
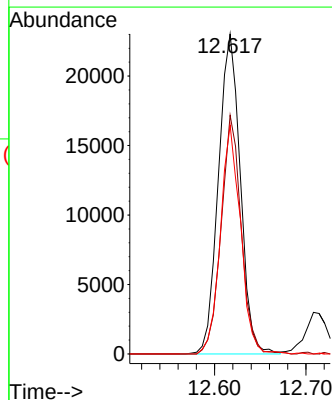
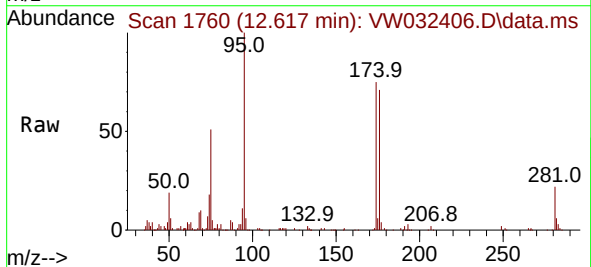
Manual Integrations
APPROVED

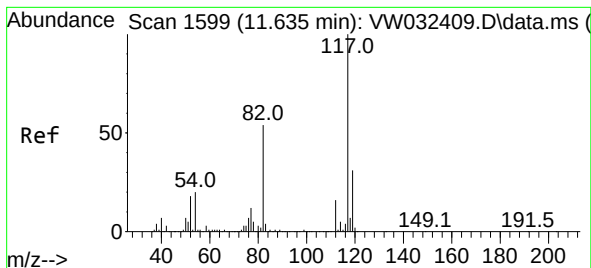
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#62
4-Bromofluorobenzene
Concen: 5.115 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

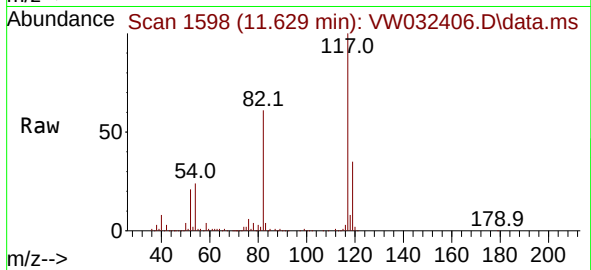
Tgt Ion: 95 Resp: 38253
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.4
176 66.1 0.0 131.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

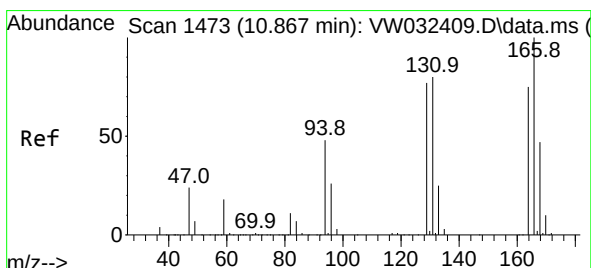
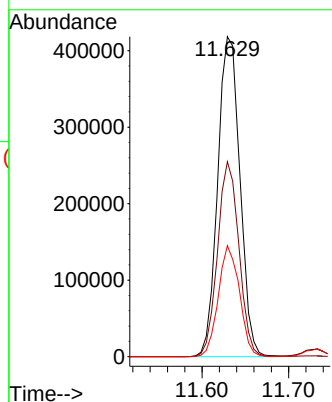
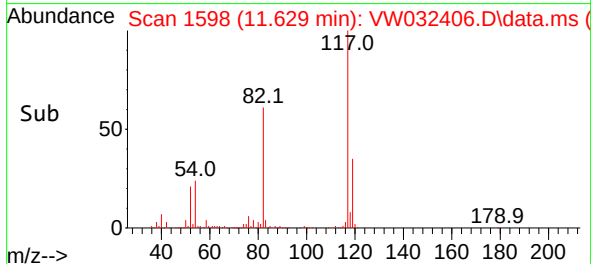
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



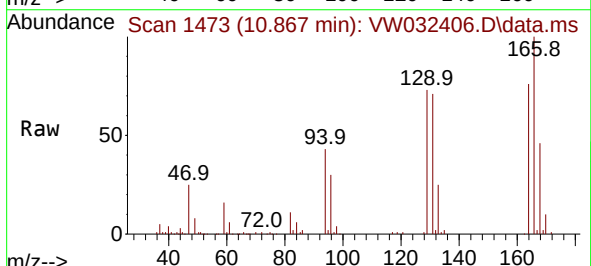
Tgt Ion:117 Resp: 74644
Ion Ratio Lower Upper
117 100
82 61.0 43.0 64.4
119 34.7 25.0 37.6

Manual Integrations
APPROVED

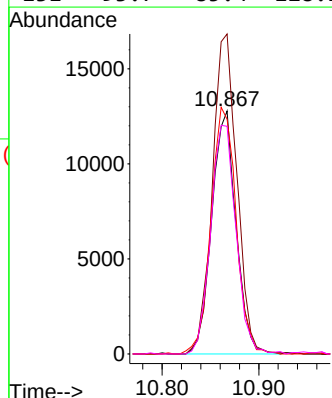
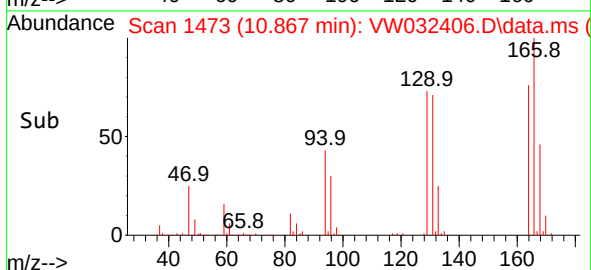
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

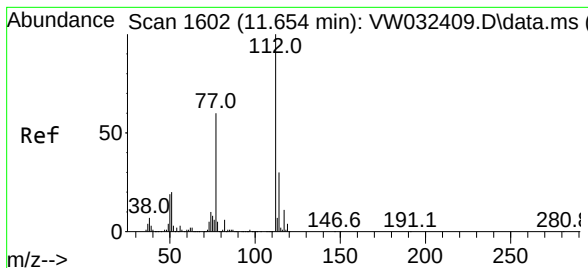


#64
Tetrachloroethene
Concen: 5.027 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



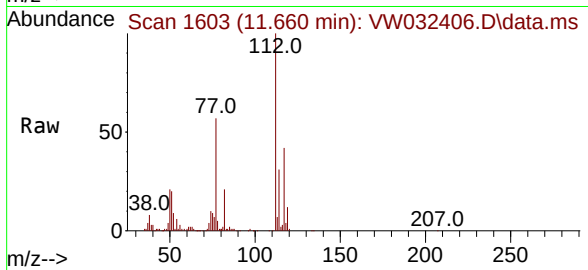
Tgt Ion:164 Resp: 22220
Ion Ratio Lower Upper
164 100
166 131.8 107.0 160.4
129 96.7 82.9 124.3
131 93.7 85.4 128.2





#65
Chlorobenzene
Concen: 5.045 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

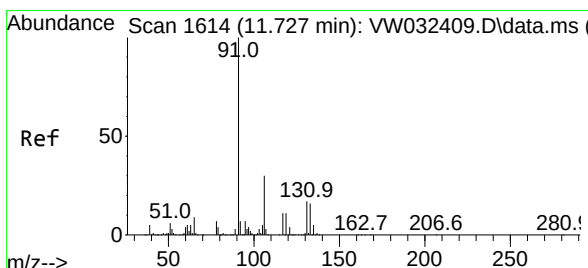
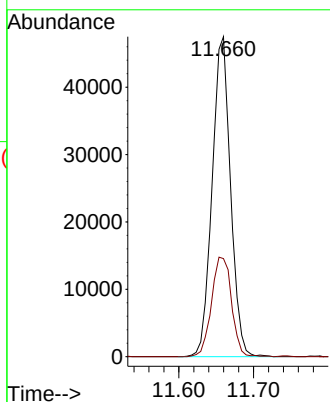
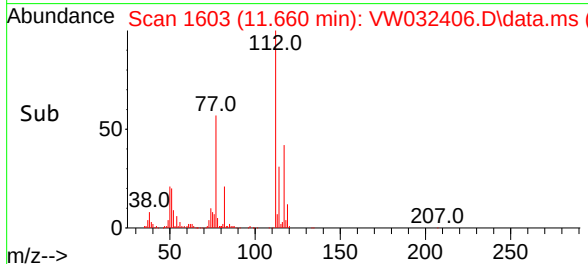
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



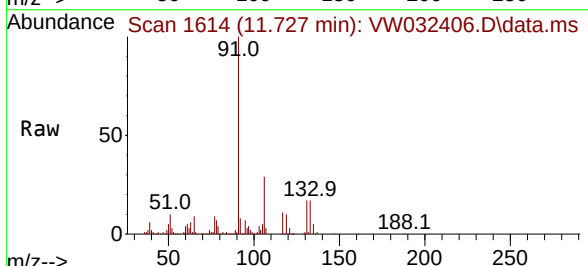
Tgt Ion:112 Resp: 81174
Ion Ratio Lower Upper
112 100
114 30.6 24.4 36.6

Manual Integrations
APPROVED

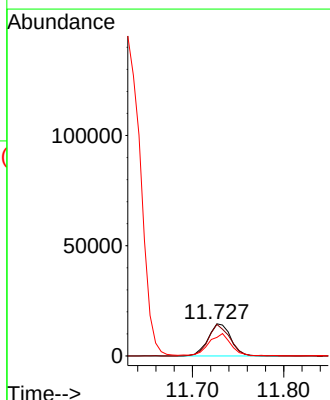
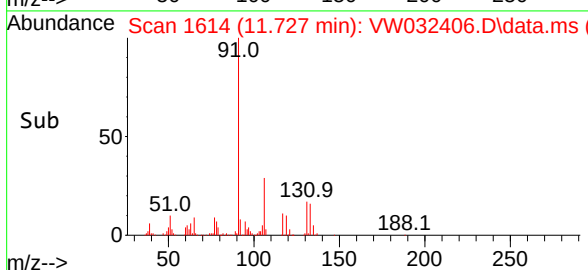
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

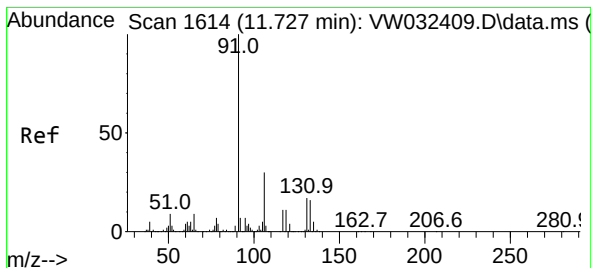


#66
1,1,1,2-Tetrachloroethane
Concen: 5.063 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



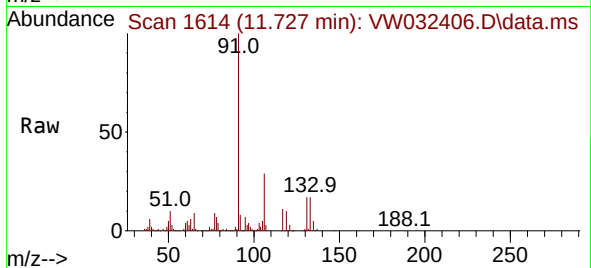
Tgt Ion:131 Resp: 25207
Ion Ratio Lower Upper
131 100
133 93.6 46.9 140.6
119 65.5 33.4 100.2





#67
Ethyl Benzene
Concen: 5.029 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

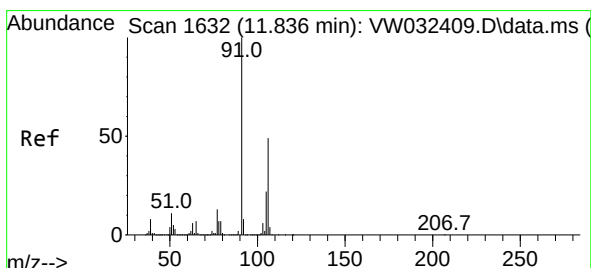
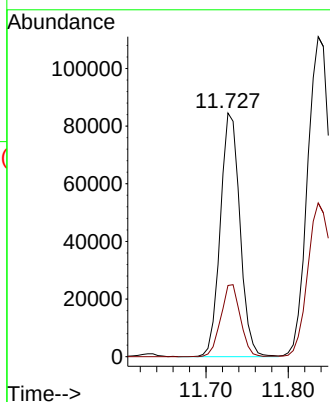
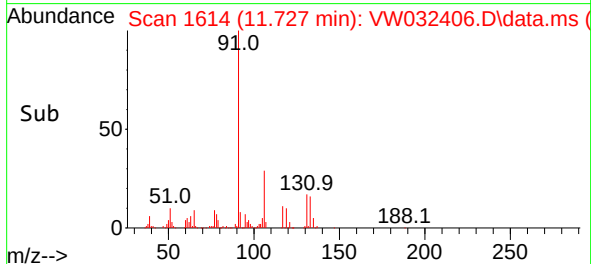
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



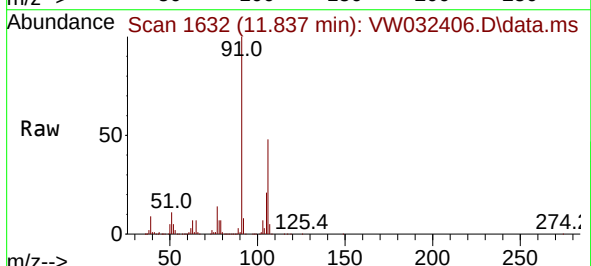
Tgt Ion: 91 Resp: 139985
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.2

Manual Integrations
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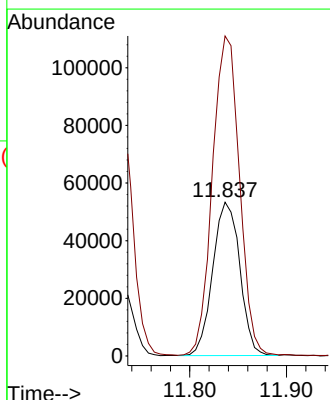
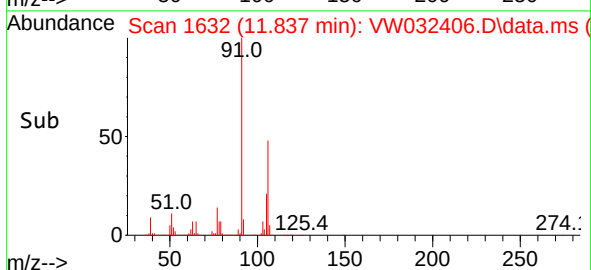
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

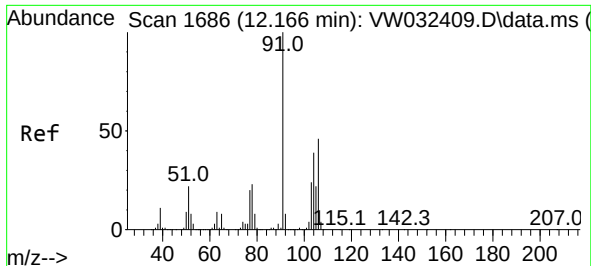


#68
m/p-Xylenes
Concen: 9.886 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11



Tgt Ion:106 Resp: 103326
Ion Ratio Lower Upper
106 100
91 208.7 165.5 248.3





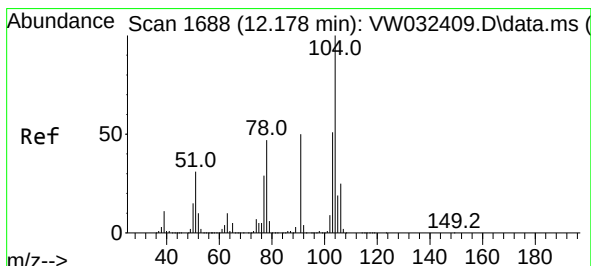
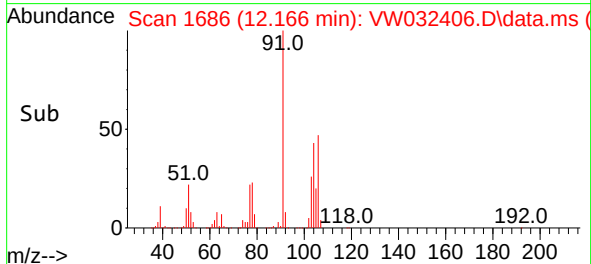
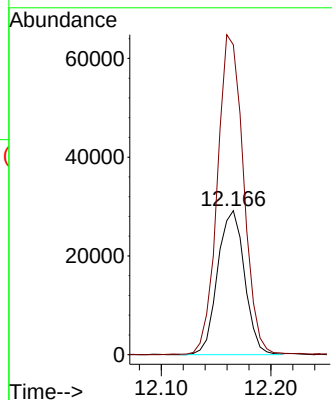
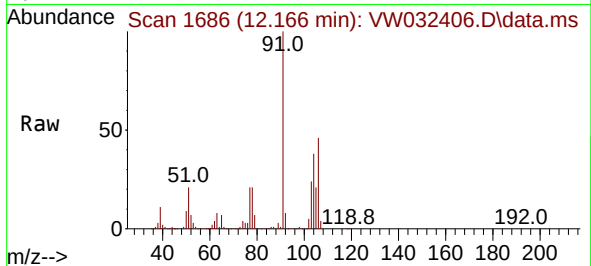
#69
o-Xylene
Concen: 4.981 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 49840
Ion Ratio Lower Upper
106 100
91 217.2 109.3 327.8

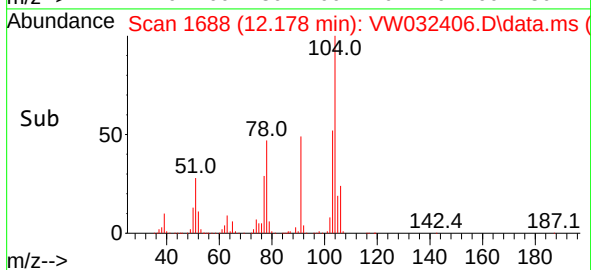
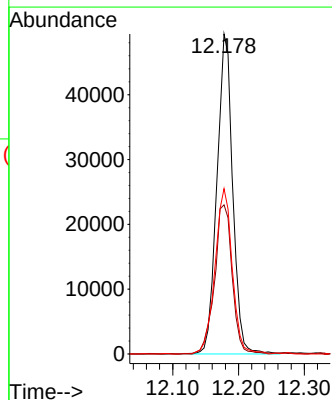
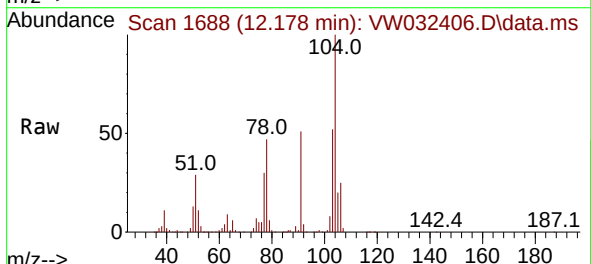
Manual Integrations
APPROVED

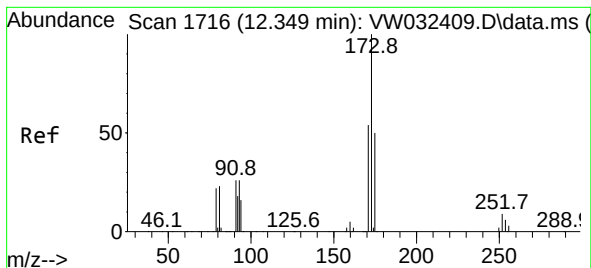
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#70
Styrene
Concen: 4.787 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion:104 Resp: 82403
Ion Ratio Lower Upper
104 100
78 52.1 40.7 61.1
103 56.6 43.9 65.9





#71

Bromoform

Concen: 4.724 ug/l

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW032406.D

Acq: 10 Nov 2025 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

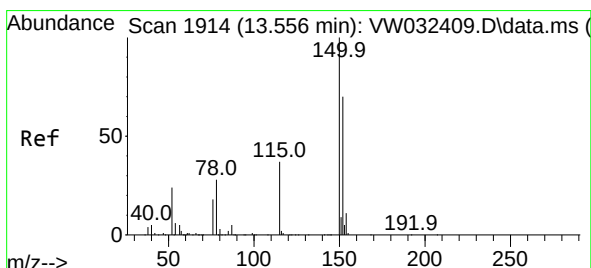
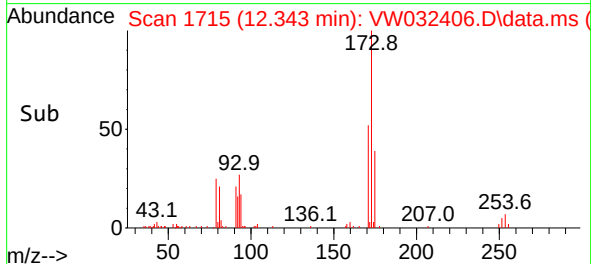
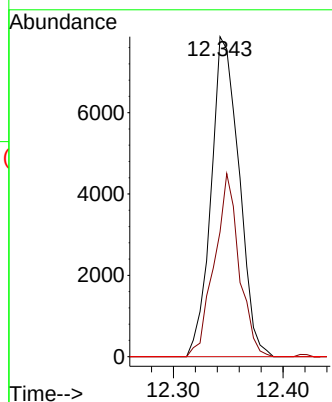
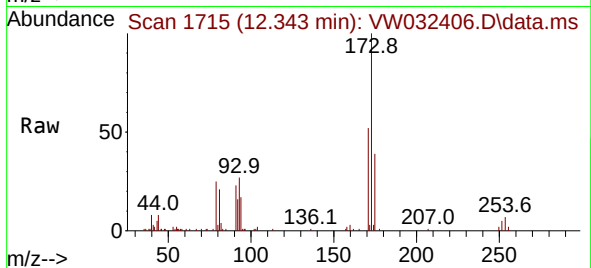
Tgt Ion:173 Resp: 1393
 Ion Ratio Lower Upper
 173 100
 175 50.8 25.1 75.2
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

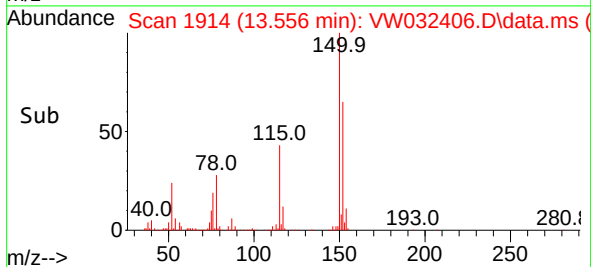
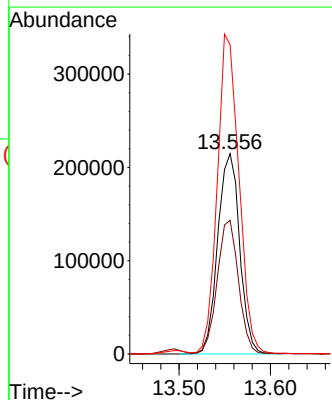
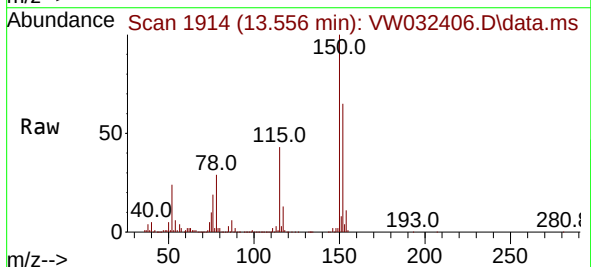
RT: 13.556 min Scan# 1914

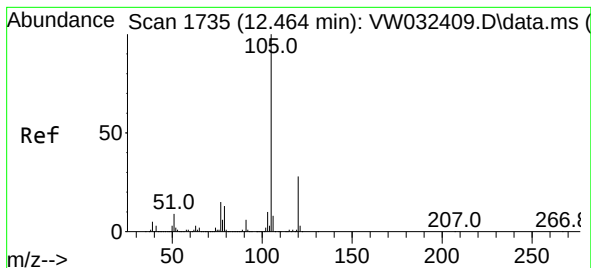
Delta R.T. 0.000 min

Lab File: VW032406.D

Acq: 10 Nov 2025 15:11

Tgt Ion:152 Resp: 357631
 Ion Ratio Lower Upper
 152 100
 115 64.8 32.8 98.3
 150 157.3 0.0 356.6





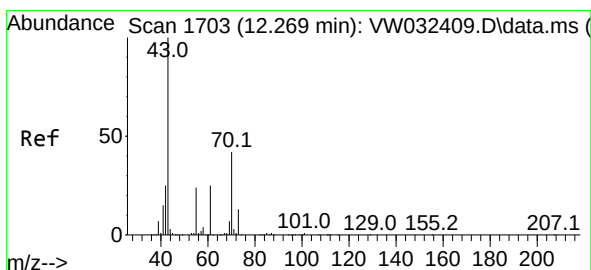
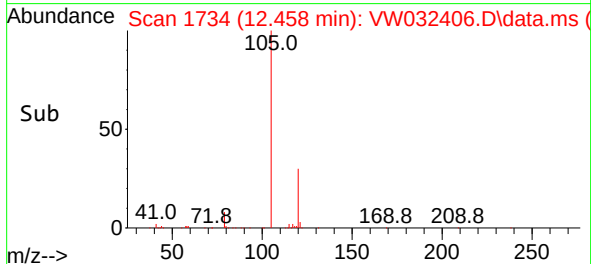
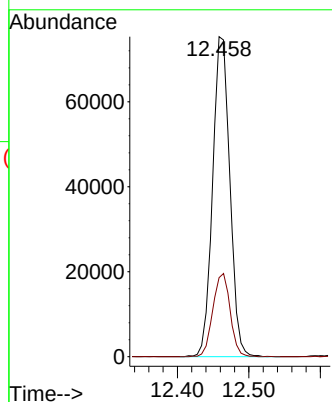
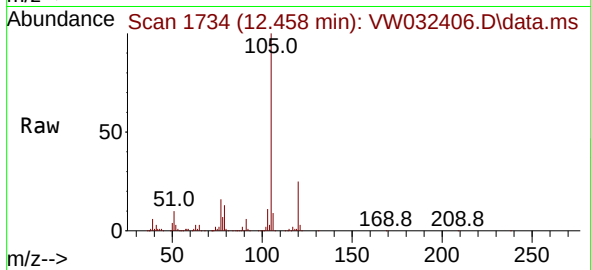
#73
Isopropylbenzene
Concen: 4.796 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 125978
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

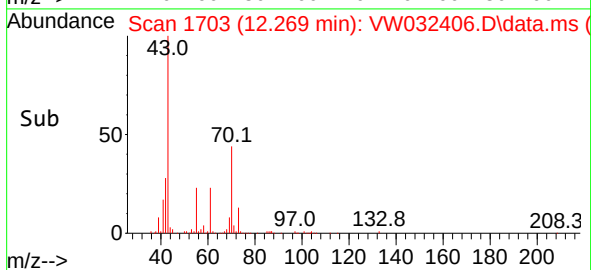
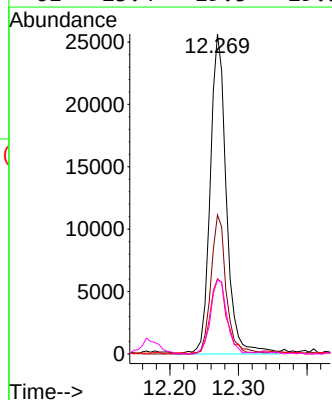
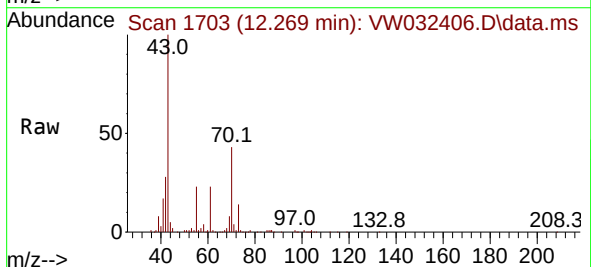
Manual Integrations
APPROVED

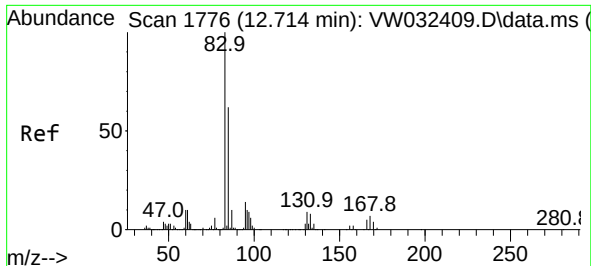
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#74
N-ethyl acetate
Concen: 4.604 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

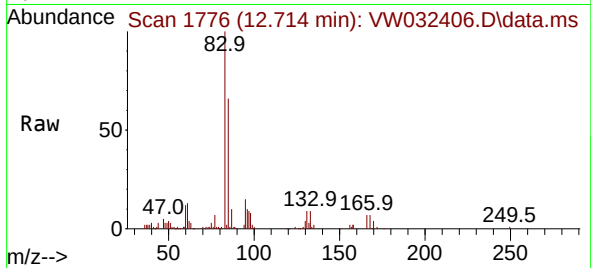
Tgt Ion: 43 Resp: 42020
Ion Ratio Lower Upper
43 100
70 40.8 33.5 50.3
55 24.5 19.3 28.9
61 23.4 19.5 29.3





#75
1,1,2,2-Tetrachloroethane
Concen: 5.082 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

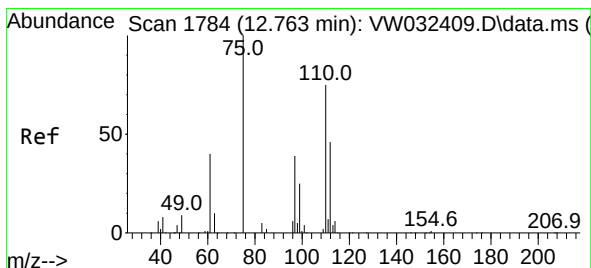
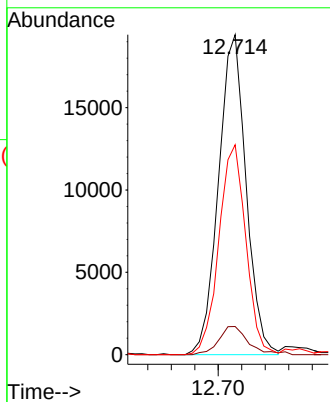
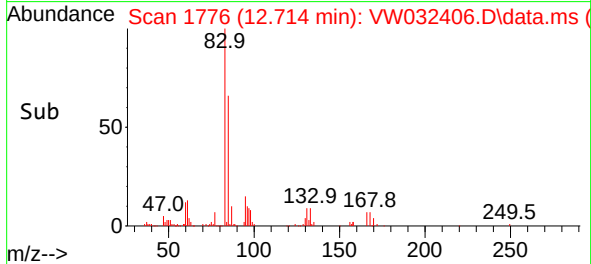
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 3167
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 64.0 31.6 94.8

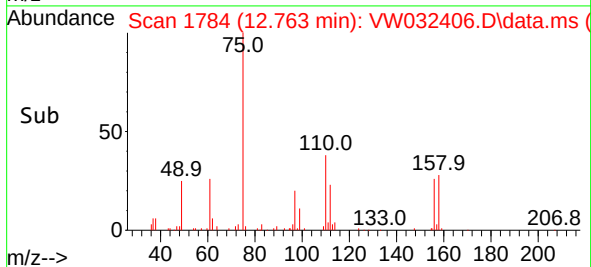
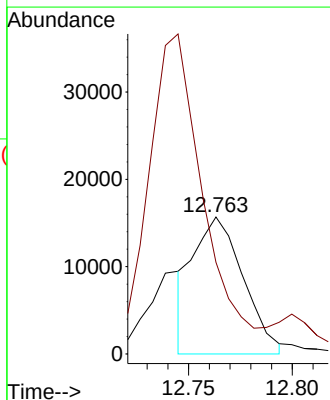
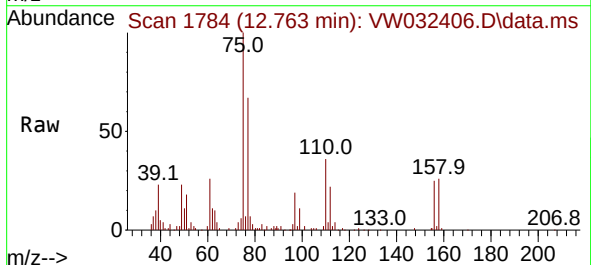
Manual Integrations
APPROVED

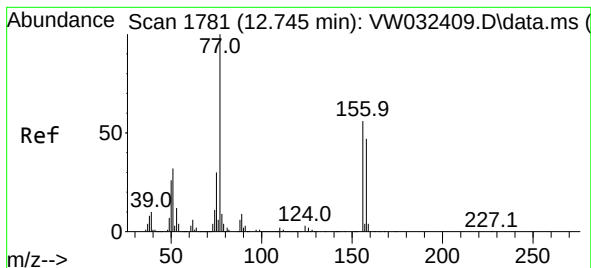
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#76
1,2,3-Trichloropropane
Concen: 5.362 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 75 Resp: 26298
Ion Ratio Lower Upper
75 100
77 255.7 151.6 454.8





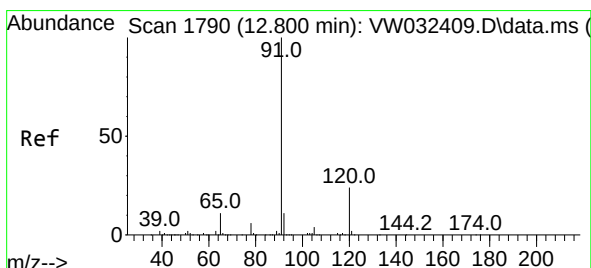
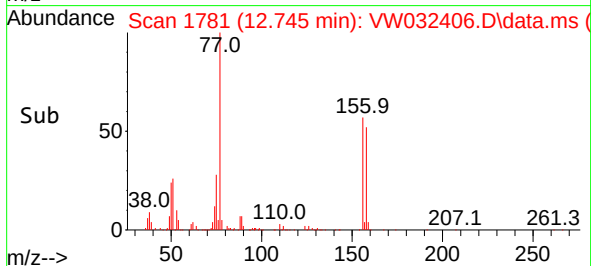
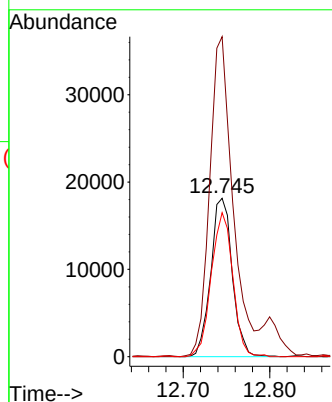
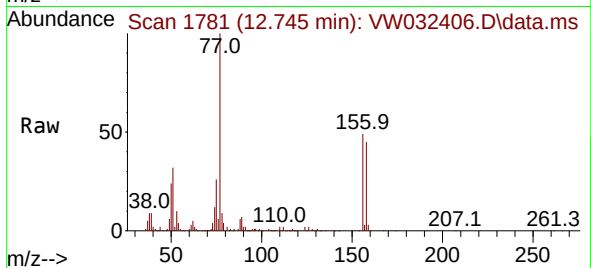
#77
Bromobenzene
Concen: 5.042 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 3135
Ion Ratio Lower Upper
156 100
77 214.4 108.0 324.0
158 91.0 45.1 135.5

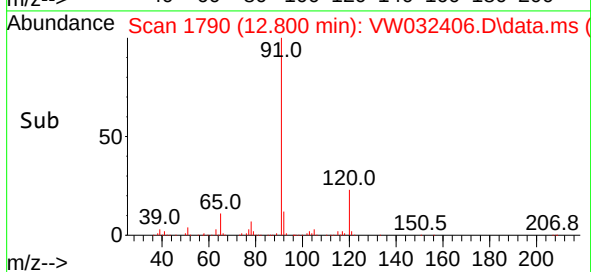
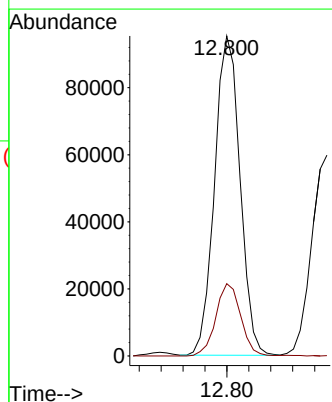
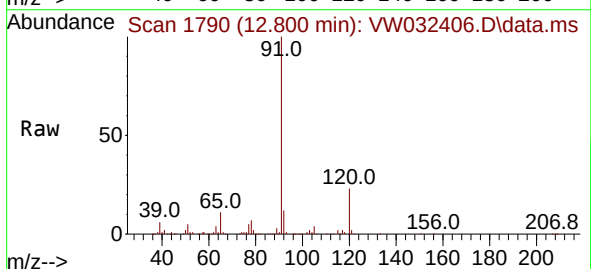
Manual Integrations
APPROVED

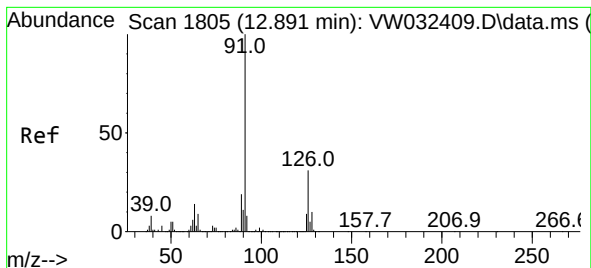
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#78
n-propylbenzene
Concen: 4.793 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 91 Resp: 153312
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9





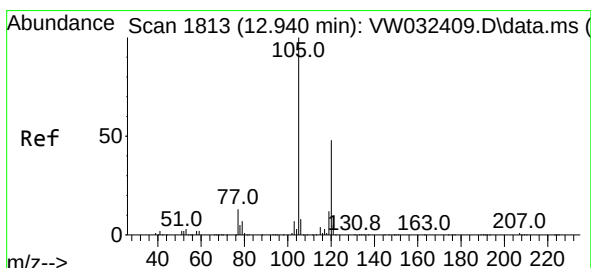
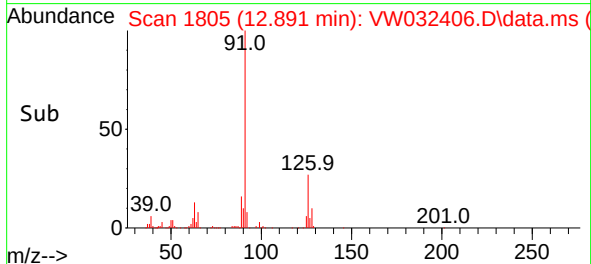
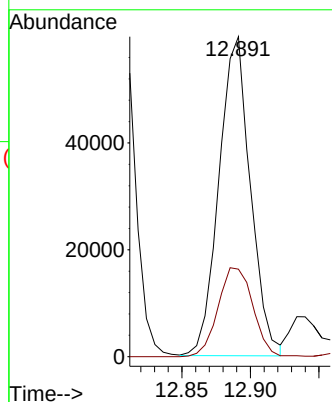
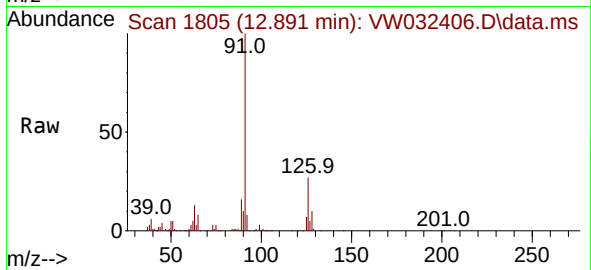
#79
2-Chlorotoluene
Concen: 4.889 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 9546
Ion Ratio Lower Upper
91 100
126 30.9 16.1 48.2

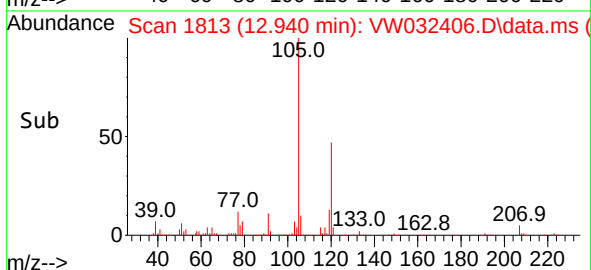
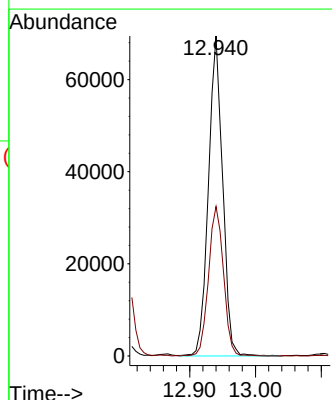
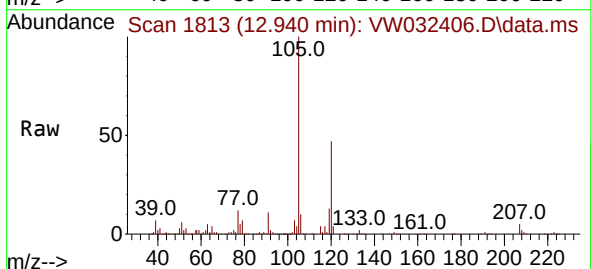
Manual Integrations
APPROVED

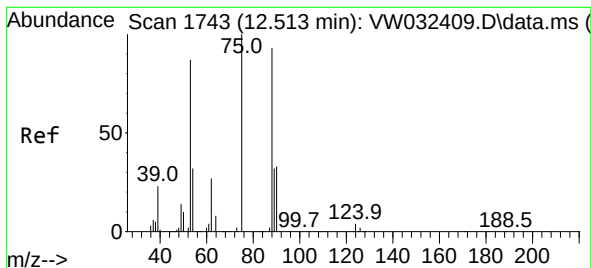
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.818 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

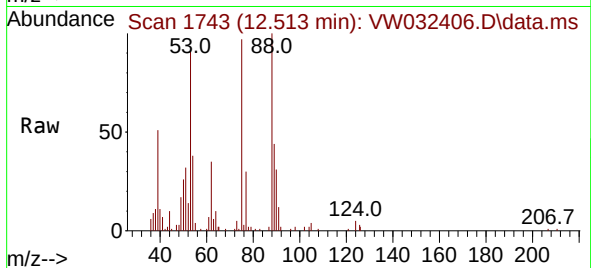
Tgt Ion:105 Resp: 104405
Ion Ratio Lower Upper
105 100
120 49.1 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.390 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

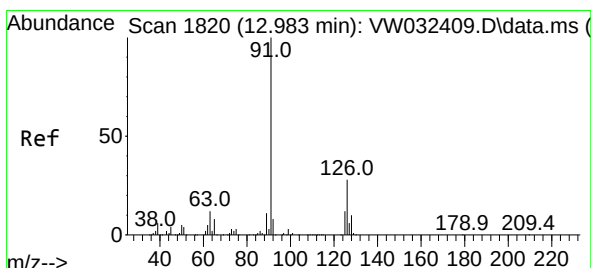
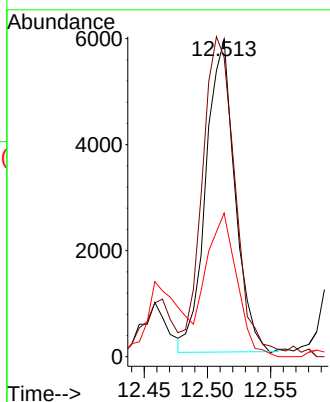
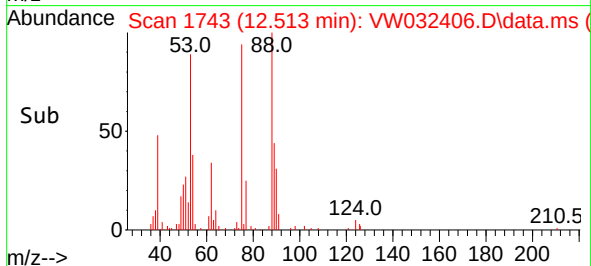
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 9398
Ion Ratio Lower Upper
75 100
53 112.2 77.8 116.8
89 48.1 35.6 53.4

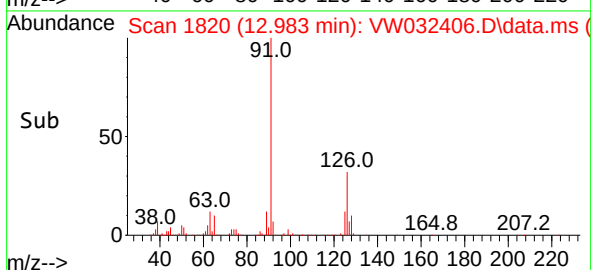
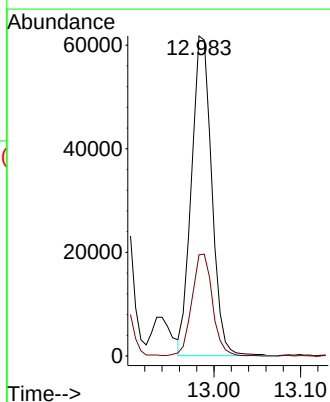
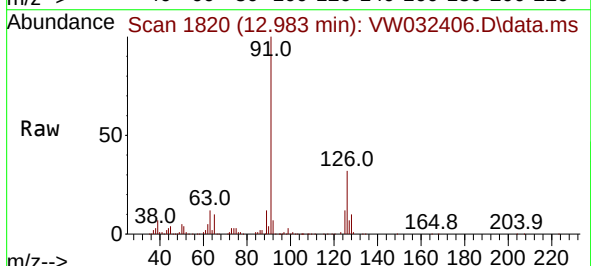
Manual Integrations
APPROVED

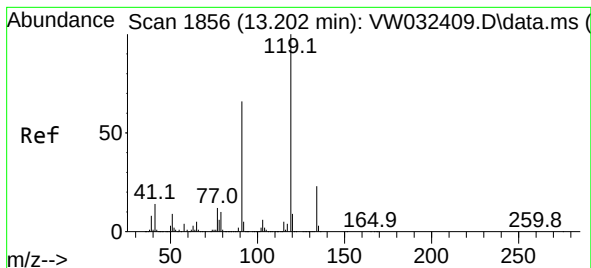
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#82
4-Chlorotoluene
Concen: 4.938 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 91 Resp: 100291
Ion Ratio Lower Upper
91 100
126 32.4 15.5 46.5





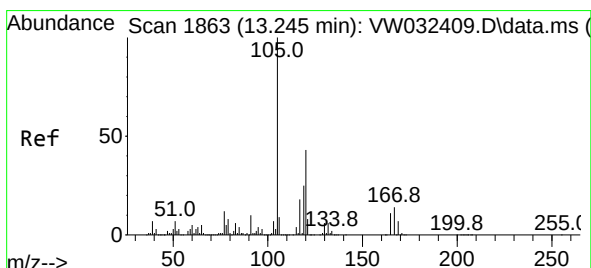
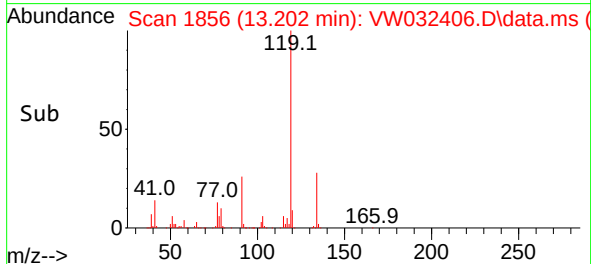
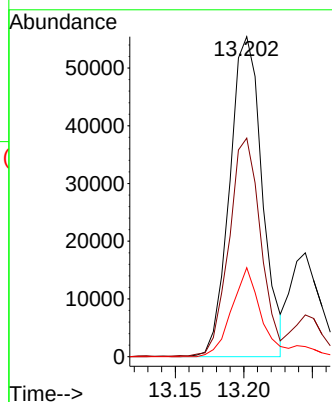
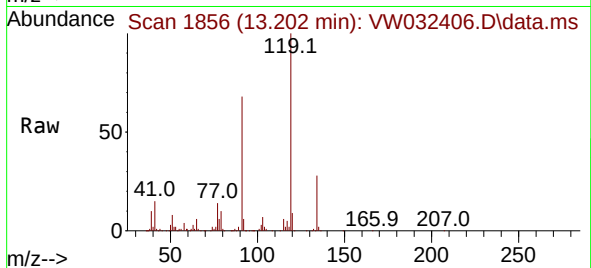
#83
tert-Butylbenzene
Concen: 4.871 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 91812
Ion Ratio Lower Upper
119 100
91 66.1 33.3 99.9
134 24.9 12.2 36.4

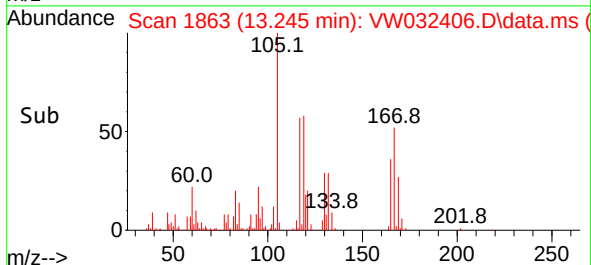
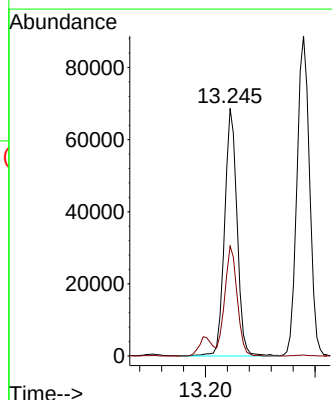
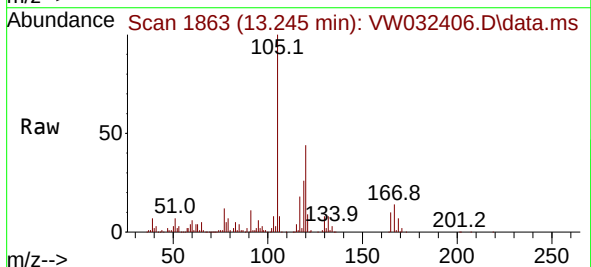
Manual Integrations
APPROVED

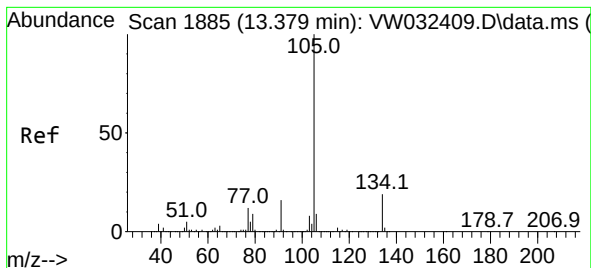
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.945 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

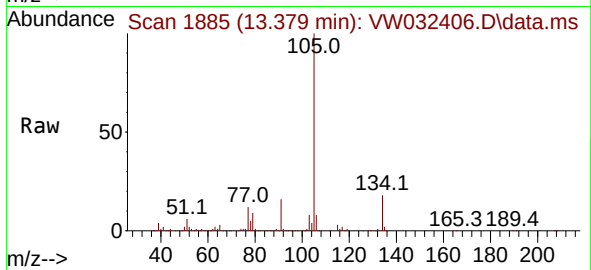
Tgt Ion:105 Resp: 108985
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 5.016 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032406.D
 Acq: 10 Nov 2025 15:11

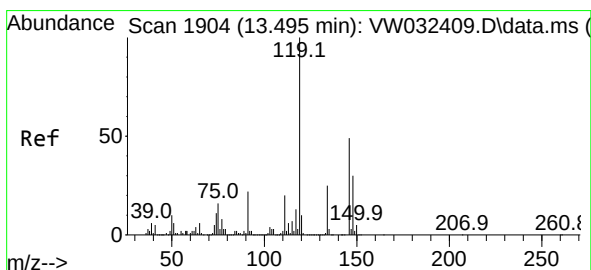
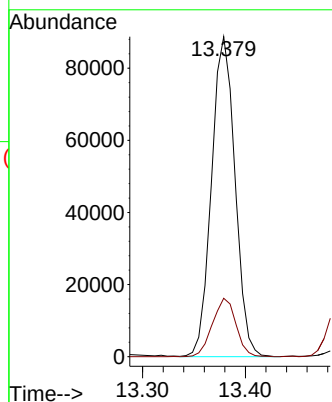
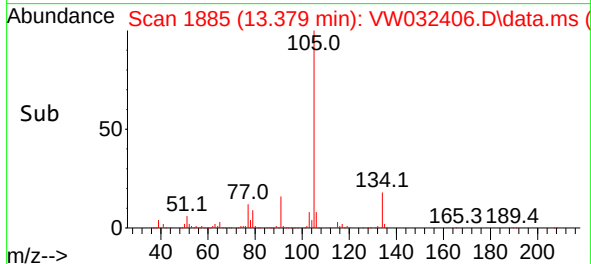
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005



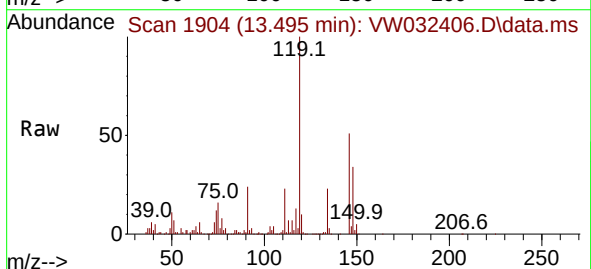
Tgt Ion:105 Resp: 140828
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.8 29.3

Manual Integrations
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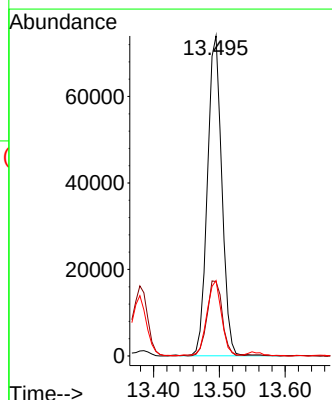
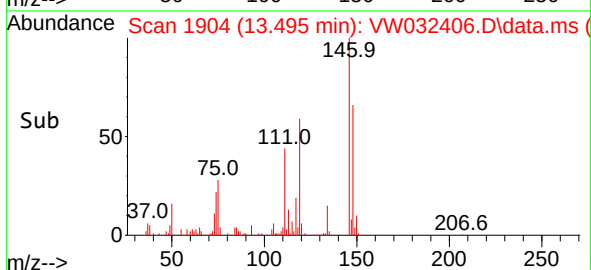
Reviewed By :Amit Patel 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025

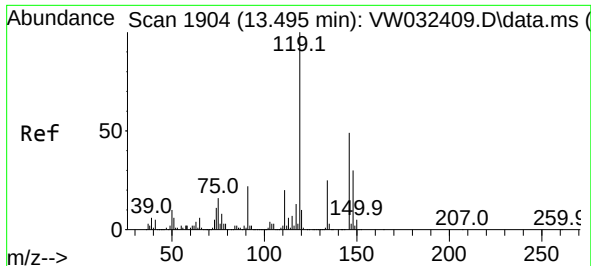


#86
 p-Isopropyltoluene
 Concen: 4.858 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032406.D
 Acq: 10 Nov 2025 15:11



Tgt Ion:119 Resp: 112594
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.1
 91 24.1 11.9 35.5





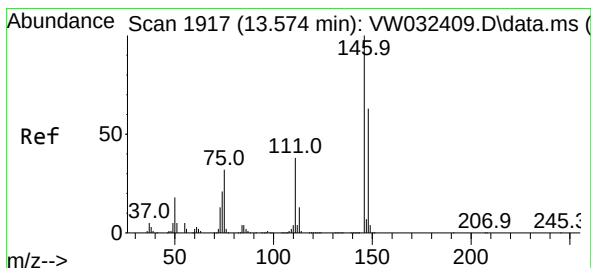
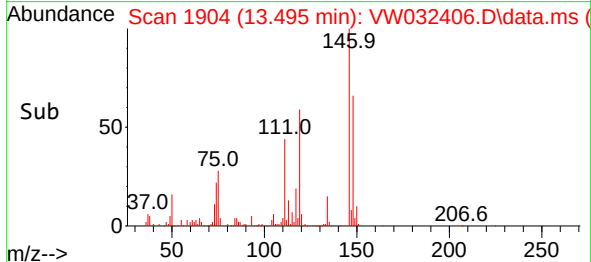
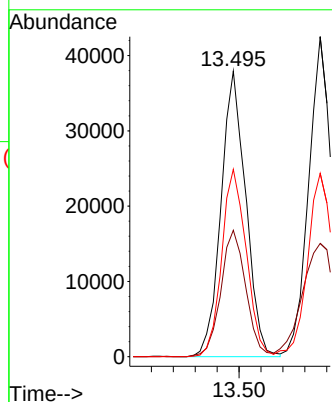
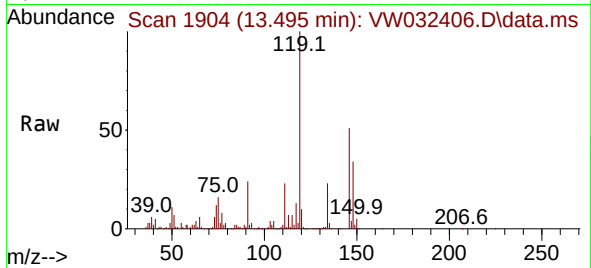
#87
1,3-Dichlorobenzene
Concen: 5.050 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 59538
Ion Ratio Lower Upper
146 100
111 44.7 22.2 66.6
148 65.0 33.4 100.1

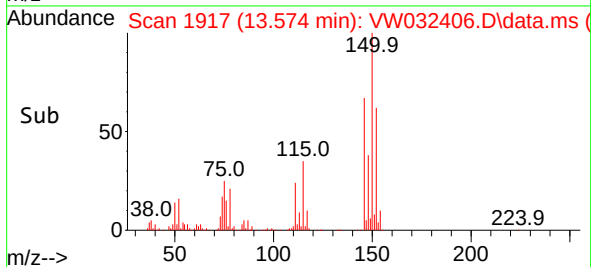
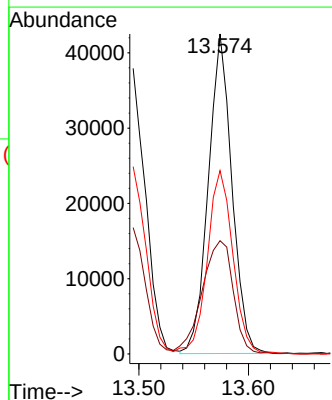
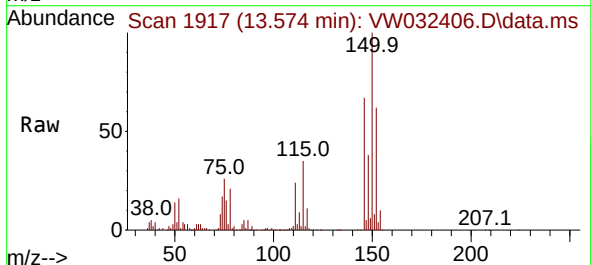
Manual Integrations
APPROVED

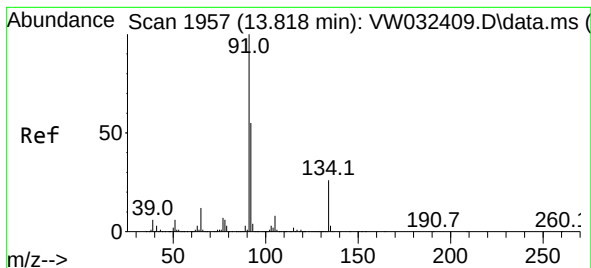
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#88
1,4-Dichlorobenzene
Concen: 5.258 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion:146 Resp: 63512
Ion Ratio Lower Upper
146 100
111 47.0 20.5 61.6
148 62.6 31.2 93.6





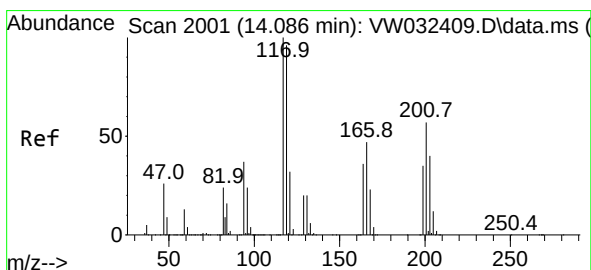
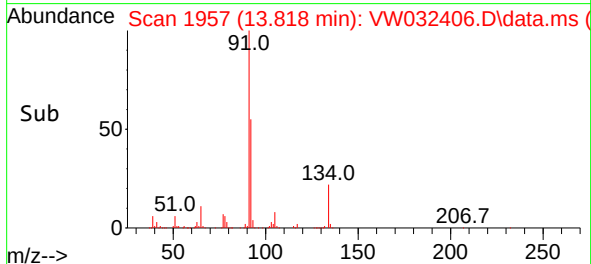
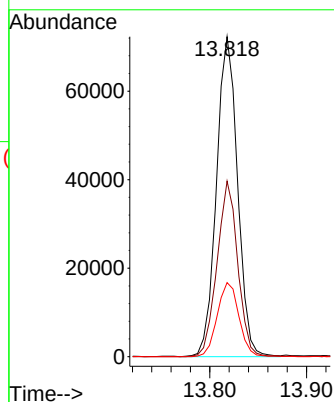
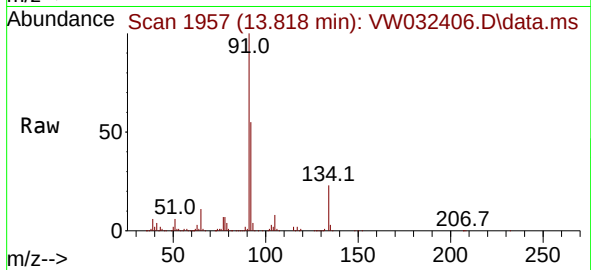
#89
n-Butylbenzene
Concen: 4.831 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 109389
Ion Ratio Lower Upper
91 100
92 53.8 27.4 82.2
134 23.9 12.4 37.4

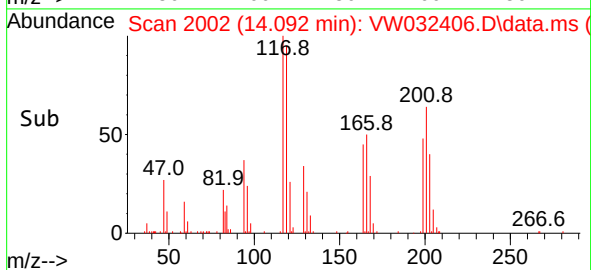
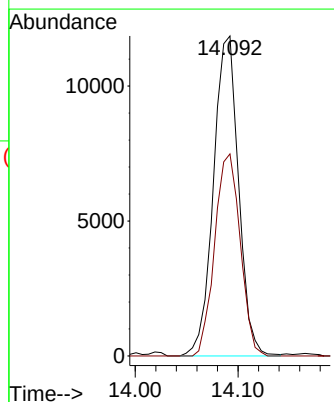
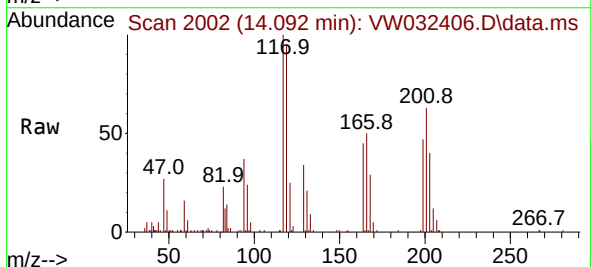
Manual Integrations
APPROVED

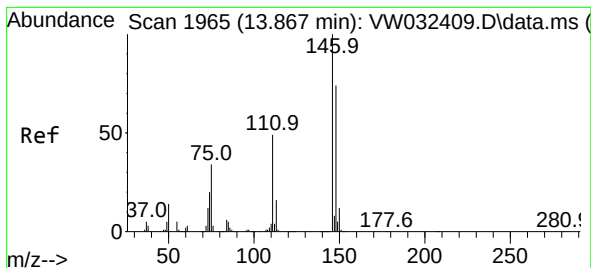
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#90
Hexachloroethane
Concen: 4.819 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion:117 Resp: 20141
Ion Ratio Lower Upper
117 100
201 64.0 32.0 96.0





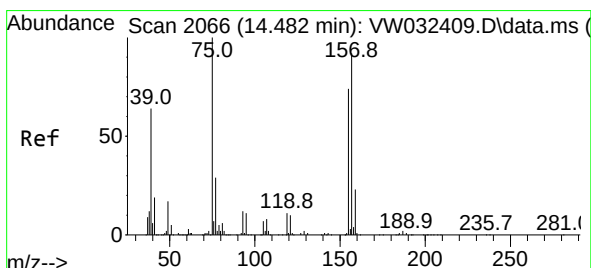
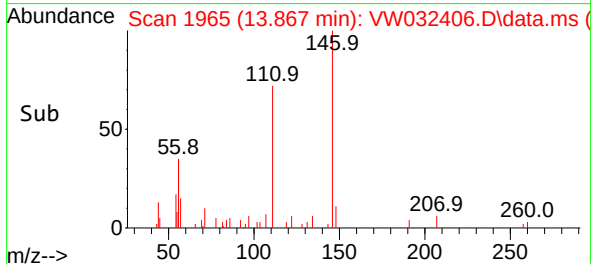
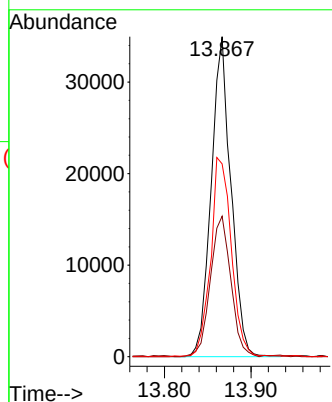
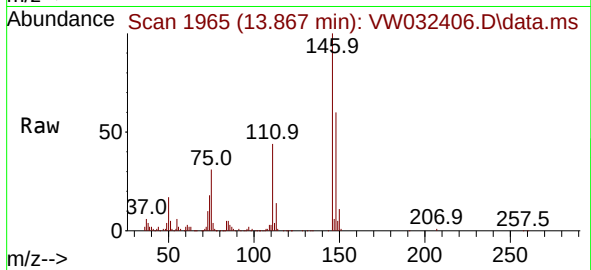
#91
1,2-Dichlorobenzene
Concen: 5.111 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 5531
Ion Ratio Lower Upper
146 100
111 45.5 23.4 70.2
148 65.5 34.0 101.8

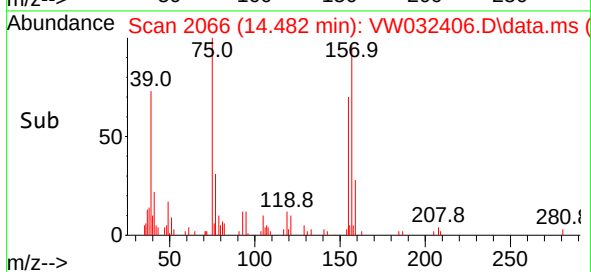
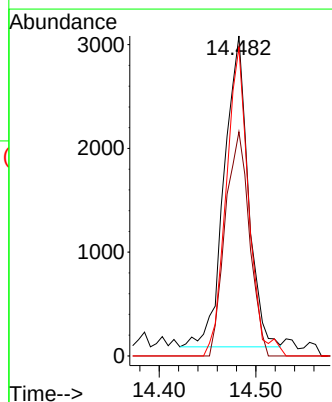
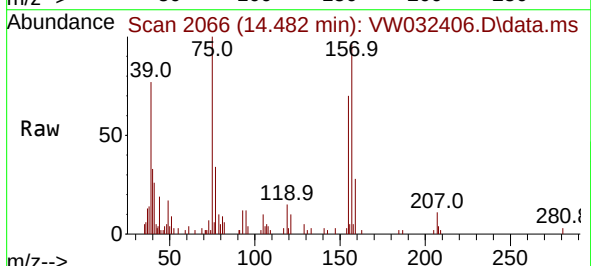
Manual Integrations
APPROVED

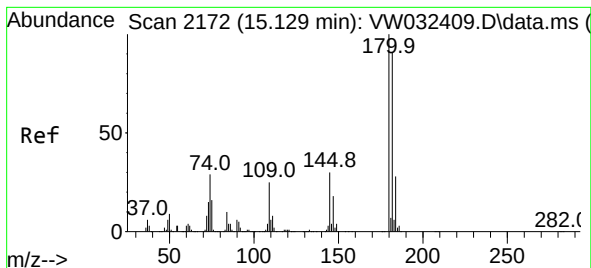
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.818 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion: 75 Resp: 5174
Ion Ratio Lower Upper
75 100
155 72.4 36.2 108.6
157 92.6 47.8 143.3





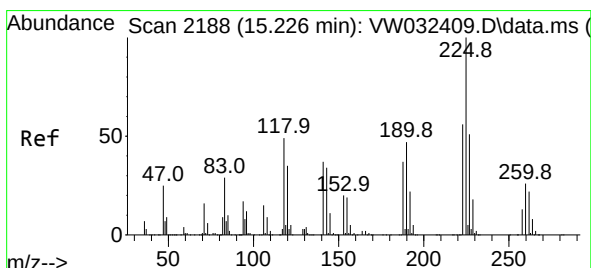
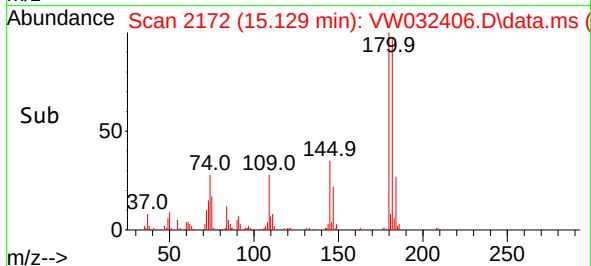
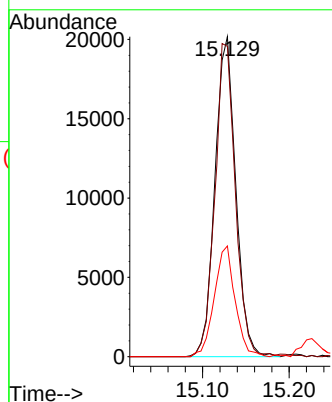
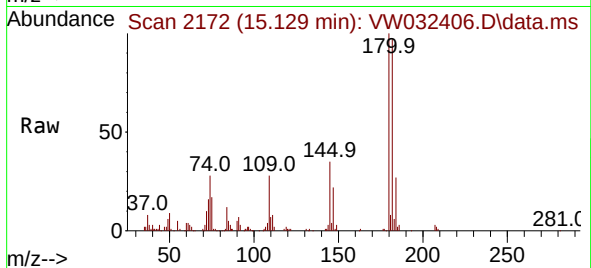
#93
1,2,4-Trichlorobenzene
Concen: 4.894 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 33710
Ion Ratio Lower Upper
180 100
182 96.2 45.3 135.9
145 34.6 16.2 48.5

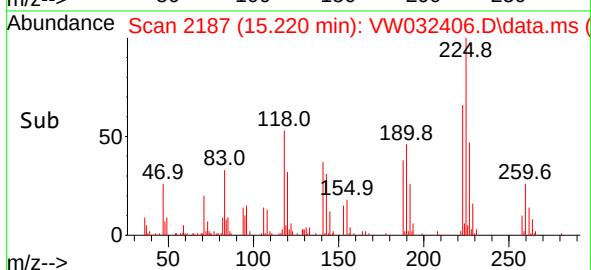
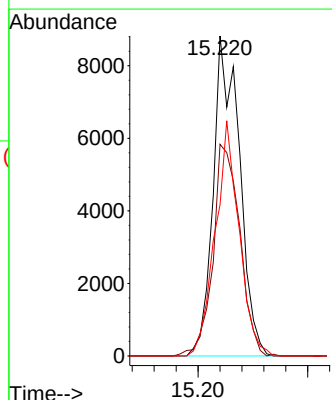
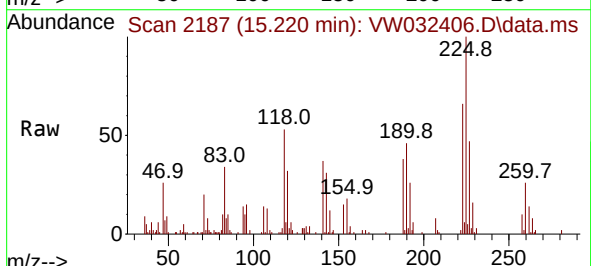
Manual Integrations
APPROVED

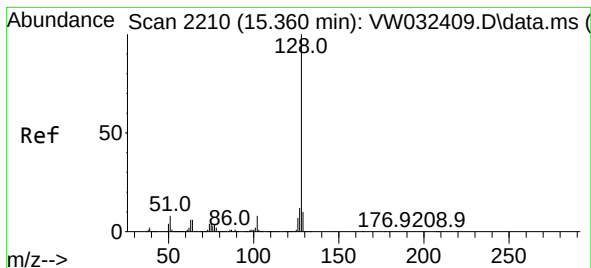
Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#94
Hexachlorobutadiene
Concen: 5.103 ug/l
RT: 15.220 min Scan# 2187
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion:225 Resp: 14601
Ion Ratio Lower Upper
225 100
223 67.8 30.6 91.8
227 67.0 29.8 89.4





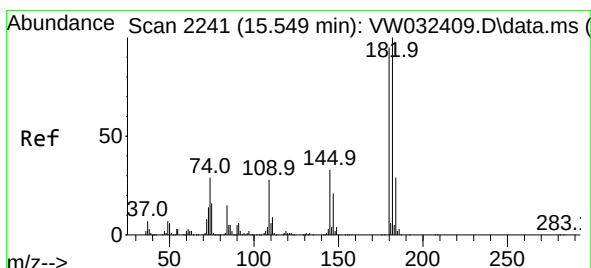
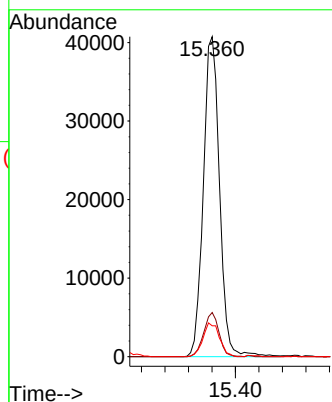
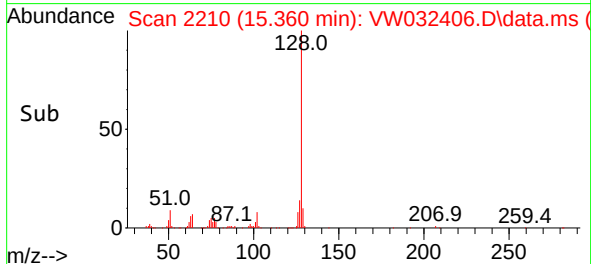
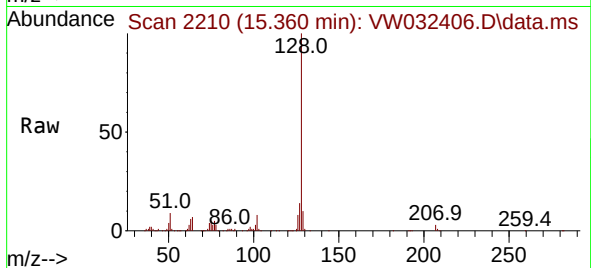
#95
Naphthalene
Concen: 4.543 ug/l
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 78029
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 5.102 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW032406.D
Acq: 10 Nov 2025 15:11

Tgt Ion:180 Resp: 31907
Ion Ratio Lower Upper
180 100
182 93.5 50.3 151.0
145 35.8 17.8 53.3

