

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044708.D
 Acq On : 23 Jan 2025 15:12
 Operator : JC/MD
 Sample : Q1168-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Jan 24 05:01:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

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

Internal Standards						
1) Bromochloromethane	4.891	128	32362	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	177314	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	156822	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	84499	27.047	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.167%#		
60) 4-Bromofluorobenzene	11.079	95	89499	29.382	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.933%		
63) Toluene-d8	8.641	98	260887	30.586	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.967%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11626	4.041	ug/l	99
3) Chloromethane	1.294	50	15121	4.996	ug/l	96
4) Vinyl Chloride	1.374	62	14896	5.030	ug/l	94
5) Bromomethane	1.593	94	3416	4.773	ug/l	97
6) Chloroethane	1.666	64	6765	14.407	ug/l	95
7) Trichlorofluoromethane	1.874	101	15214	4.691	ug/l	96
8) Diethyl Ether	2.130	74	5076	4.057	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.319	101	11731	5.049	ug/l	98
10) 1,1-Dichloroethene	2.312	96	12627	5.282	ug/l	97
11) Methyl Iodide	2.447	142	13421	4.052	ug/l	97
12) Methyl Acetate	2.697	43	14490	4.152	ug/l	99
13) Acrolein	2.233	56	10837	28.080	ug/l	96
14) Acrylonitrile	3.056	53	29104	22.887	ug/l	99
15) Acetone	2.380	58	7930	23.240	ug/l	92
16) Carbon Disulfide	2.501	76	34078	5.130	ug/l	97
17) Allyl chloride	2.654	41	21673	5.028	ug/l	97
18) Methylene Chloride	2.782	84	13520	5.054	ug/l	95
19) trans-1,2-Dichloroethene	3.081	96	11713	4.928	ug/l	94
20) Diisopropyl ether	3.751	45	40836	5.219	ug/l #	79
21) 1,1-Dichloroethane	3.599	63	23254	5.010	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	14700	4.997	ug/l	98
23) tert-Butyl Alcohol	2.947	59	14713m	23.921	ug/l	
24) Methyl tert-Butyl Ether	3.105	73	39037	4.713	ug/l	98
25) Chloroform	5.080	83	22793	4.942	ug/l	95
26) Cyclohexane	5.458	56	21148	5.421	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	15372	4.984	ug/l	96
30) 2-Butanone	4.556	43	37440	22.099	ug/l	97
31) 2,2-Dichloropropane	4.465	77	19968	4.679	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	19548	4.783	ug/l	98
33) Carbon Tetrachloride	5.666	117	16146	4.683	ug/l	91
34) Benzene	6.031	78	50707	5.153	ug/l	98
35) Methacrylonitrile	4.916	41	8983	4.744	ug/l	92
36) 1,2-Dichloroethane	6.074	62	15707	4.465	ug/l	95
37) Trichloroethene	7.117	130	11337	4.772	ug/l	99
38) Methylcyclohexane	7.373	83	21503	5.131	ug/l	99
39) 1,2-Dichloropropane	7.427	63	12118	4.939	ug/l	93
40) Dibromomethane	7.580	93	8625	4.728	ug/l	99
41) Bromodichloromethane	7.818	83	17390	4.617	ug/l	95
42) Vinyl Acetate	3.715	43	166696	24.775	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	16454	4.951	ug/l	# 98
44) Isopropyl Acetate	6.336	43	27434	4.595	ug/l	99
45) 1,4-Dioxane	7.671	88	4481m	78.818	ug/l	
46) Methyl methacrylate	7.696	41	12778	4.372	ug/l	97
47) n-amyl Acetate	10.841	43	24268	4.843	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	17975	4.521	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	20386	4.782	ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	11692	4.977	ug/l	94
51) Ethyl methacrylate	9.116	69	18656	4.571	ug/l	97
52) 1,3-Dichloropropane	9.305	76	21178	5.212	ug/l	97
53) Dibromochloromethane	9.518	129	13051	4.649	ug/l	98
54) 1,2-Dibromoethane	9.610	107	12052	4.853	ug/l	96
55) 2-Chloroethyl vinyl ether	8.238	63	47744	24.110	ug/l	98
56) Bromoform	10.799	173	8297	4.457	ug/l	97
58) 4-Methyl-2-Pentanone	8.567	43	76753	23.219	ug/l	99
59) 2-Hexanone	9.433	43	53365	22.051	ug/l	99
61) Tetrachloroethene	9.269	164	9263	4.924	ug/l	98
62) Toluene	8.714	91	51197	4.958	ug/l	99
64) Chlorobenzene	10.073	112	31467	4.907	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.159	131	11150	4.840	ug/l	97
66) Ethyl Benzene	10.189	91	57166	5.073	ug/l	98
67) m/p-Xylenes	10.299	106	42467	10.252	ug/l	98
68) o-Xylene	10.640	106	21270	5.116	ug/l	100
69) Styrene	10.652	104	33852	4.959	ug/l	98
70) Isopropylbenzene	10.957	105	53366	5.106	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	17808	5.068	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	13814m	4.673	ug/l	
73) Bromobenzene	11.195	156	12139	4.986	ug/l	99
74) n-propylbenzene	11.299	91	60577	5.103	ug/l	98
75) 2-Chlorotoluene	11.360	91	39175	5.249	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	44351	5.225	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	5850	4.183	ug/l	97
78) 4-Chlorotoluene	11.451	91	42157	5.126	ug/l	100
79) tert-butylbenzene	11.713	119	45449	5.212	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	42162	4.923	ug/l	97
81) sec-Butylbenzene	11.890	105	53821	5.169	ug/l	99
82) p-Isopropyltoluene	12.006	119	43761	5.107	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	21475	4.966	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	21429	5.054	ug/l	98
85) n-Butylbenzene	12.329	91	36763	4.949	ug/l	99
86) Hexachloroethane	12.536	117	9090	4.822	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	21822	5.053	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3570	4.219	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	12705	4.734	ug/l	99
90) Hexachlorobutadiene	13.725	225	5358	5.161	ug/l	98
91) Naphthalene	13.774	128	45616	4.543	ug/l	98
92) 1,2,3-Trichlorobenzene	13.957	180	13061	4.785	ug/l	99

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

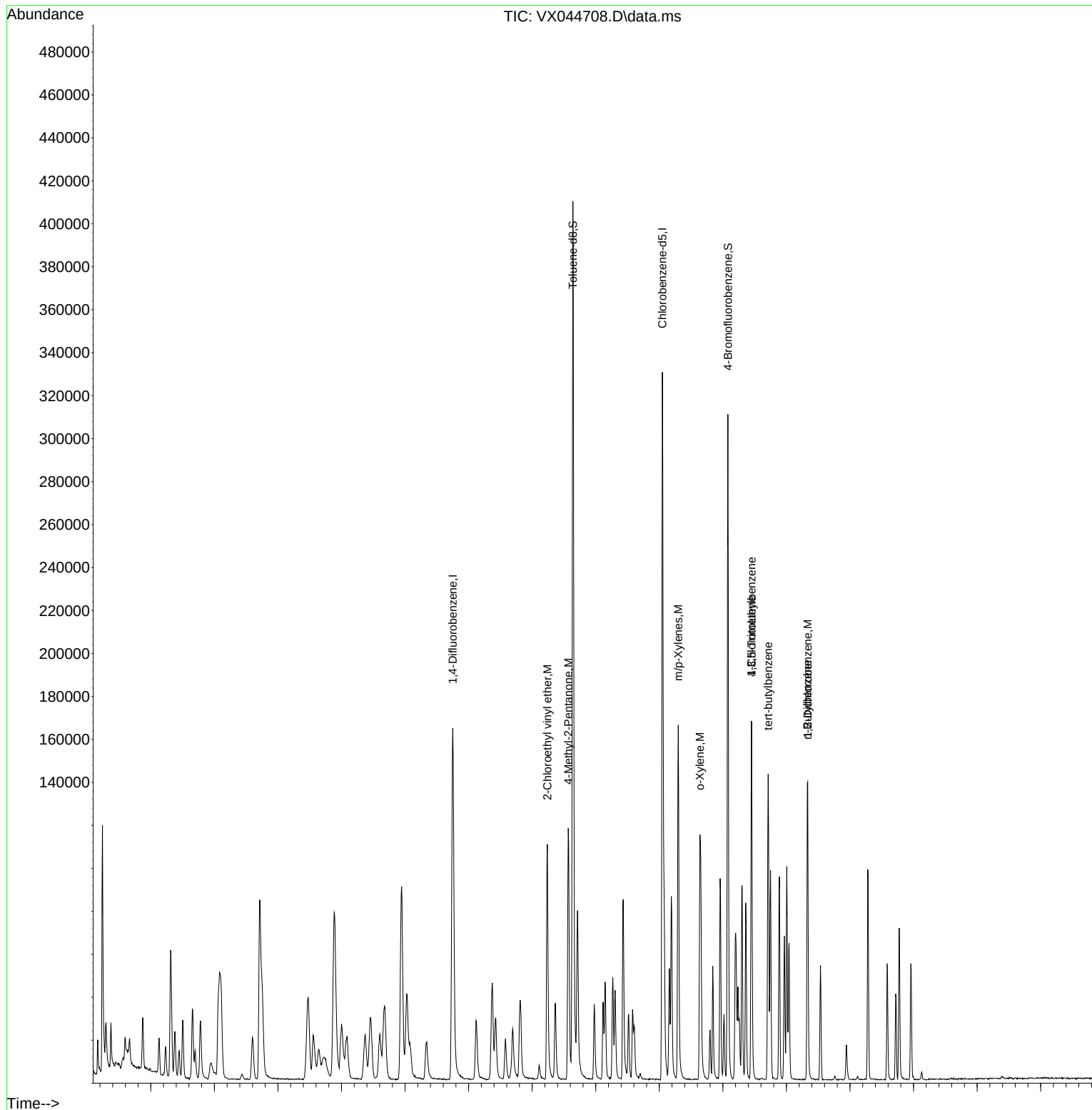
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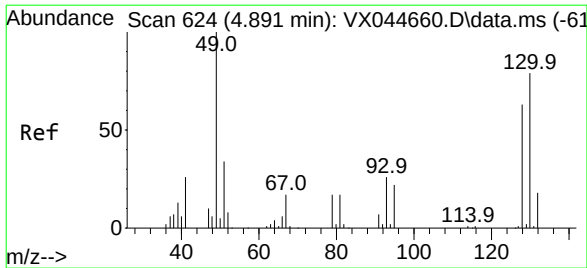
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MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

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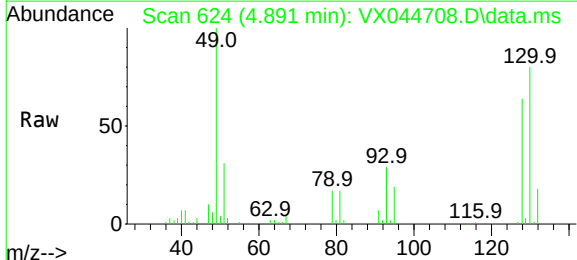
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

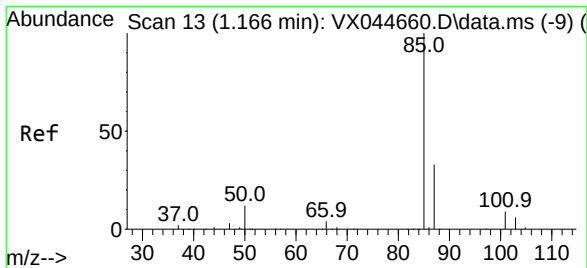
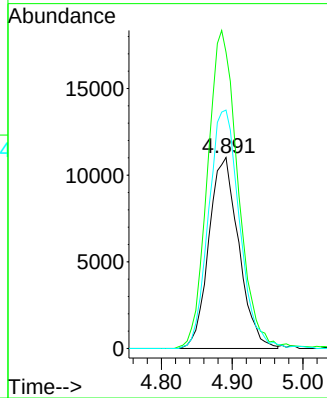
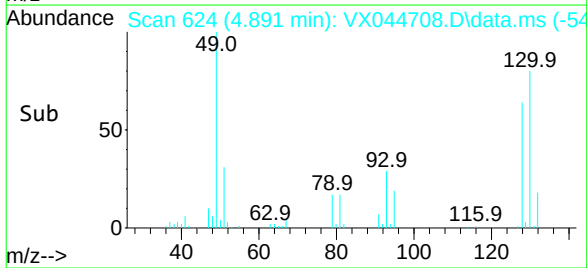
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:128 Resp: 32362
Ion Ratio Lower Upper
128 100
49 168.8 0.0 411.5
130 129.4 0.0 324.3

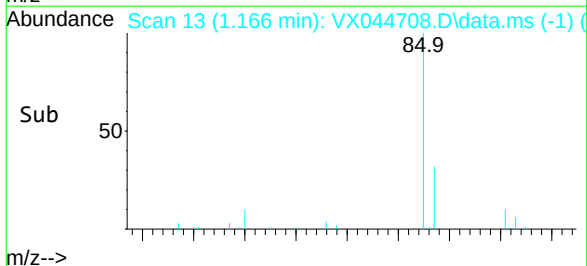
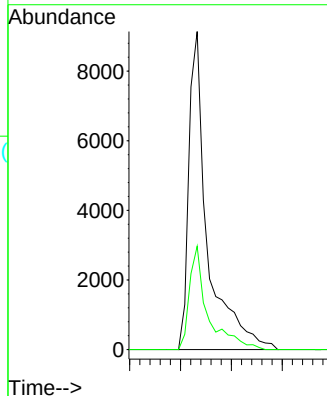
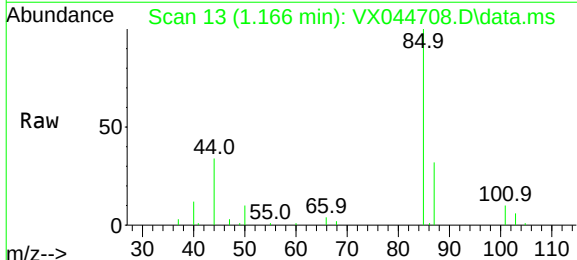
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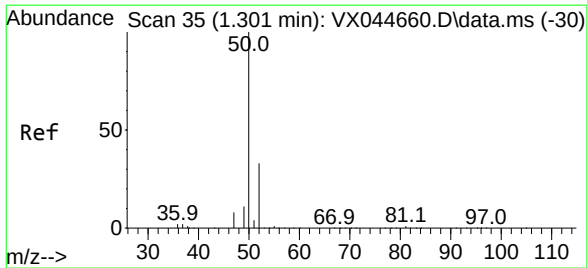
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#2
Dichlorodifluoromethane
Concen: 4.041 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 85 Resp: 11626
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





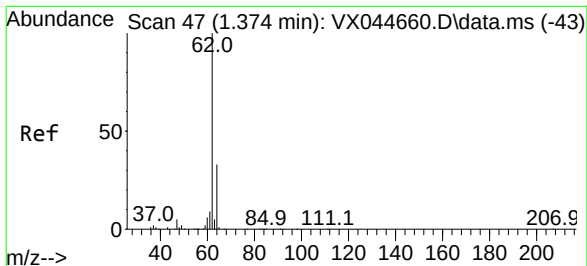
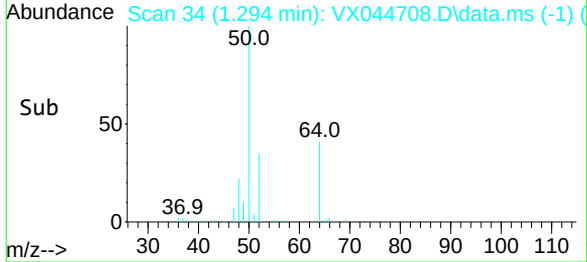
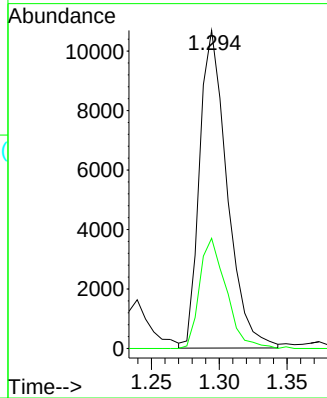
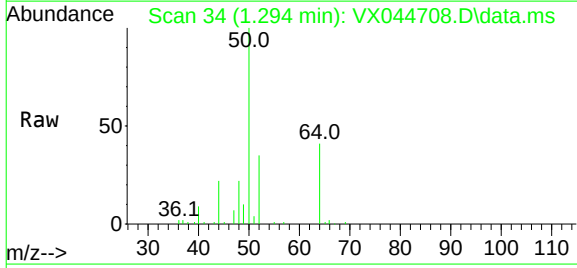
#3
Chloromethane
Concen: 4.996 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 50 Resp: 15121
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

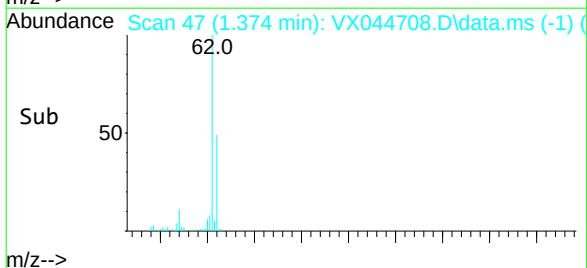
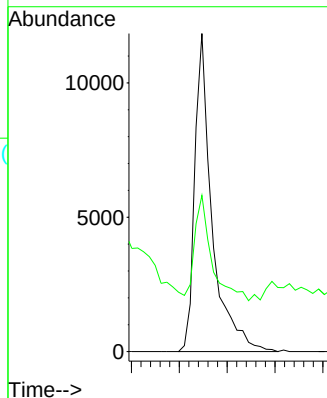
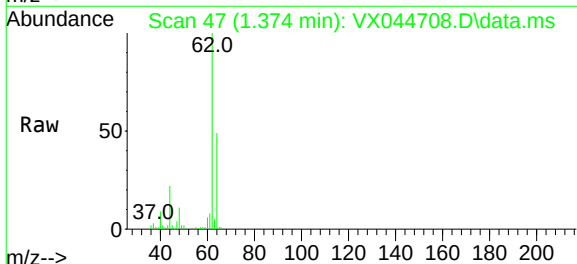
Manual Integrations
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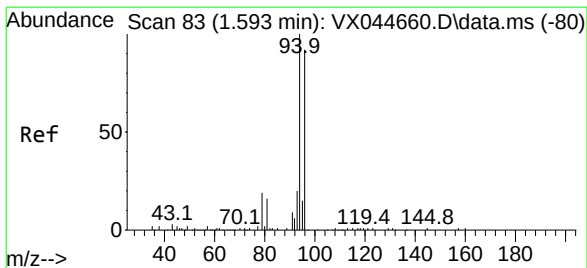
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#4
Vinyl Chloride
Concen: 5.030 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 62 Resp: 14896
Ion Ratio Lower Upper
62 100
64 30.4 27.3 40.9





#5

Bromomethane

Concen: 4.773 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 94 Resp: 3416

Ion Ratio Lower Upper

94 100

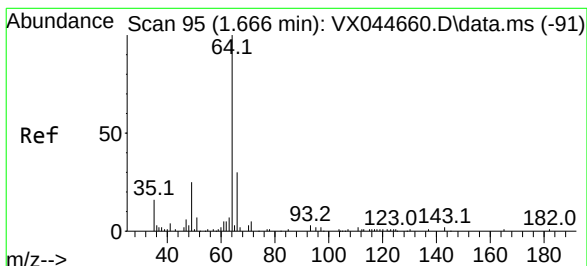
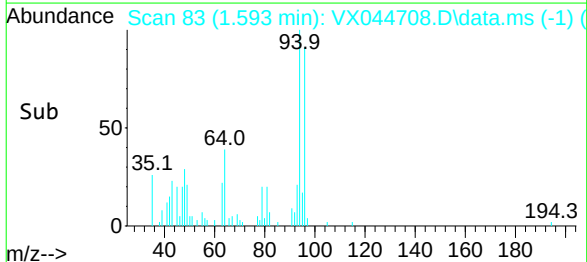
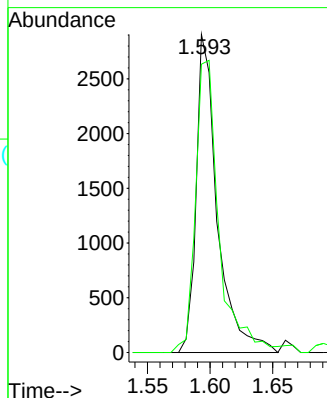
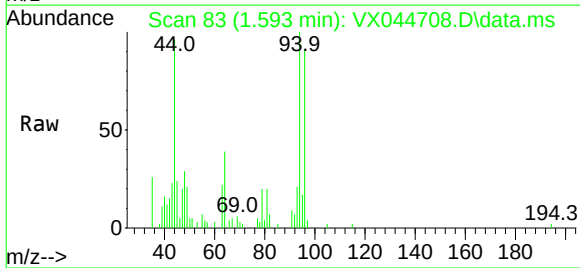
96 88.7 73.3 109.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#6

Chloroethane

Concen: 14.407 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044708.D

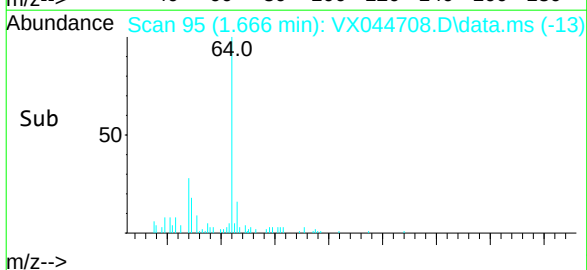
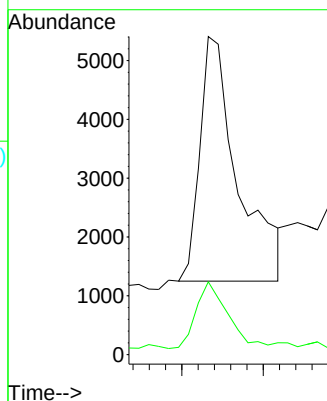
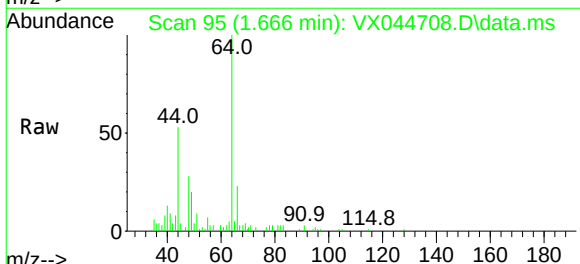
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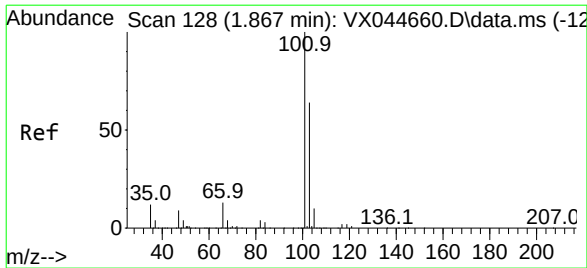
Tgt Ion: 64 Resp: 6765

Ion Ratio Lower Upper

64 100

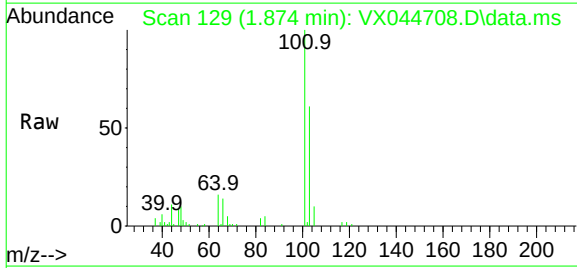
66 26.8 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 4.691 ug/l
 RT: 1.874 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VX044708.D
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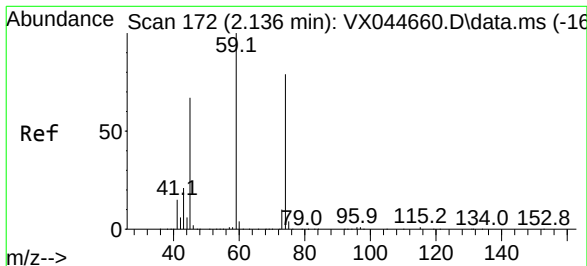
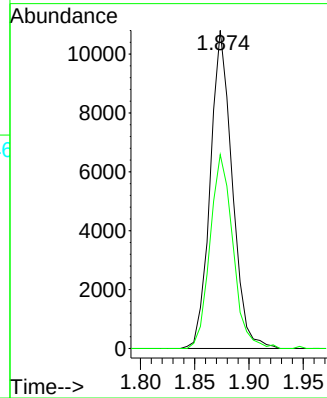
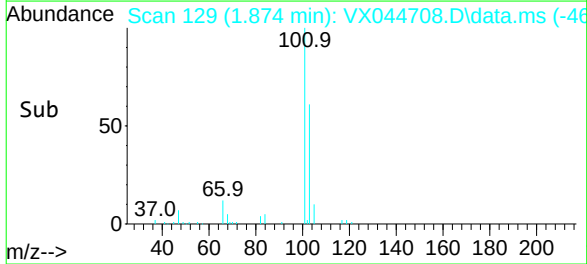
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion:101 Resp: 15214
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.1 76.7

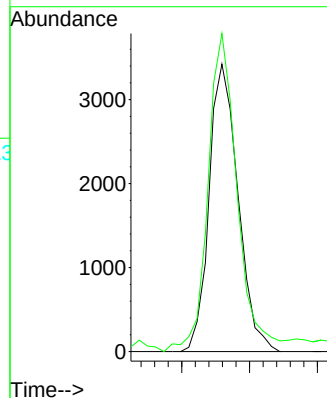
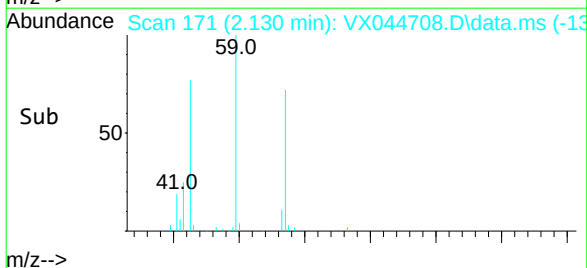
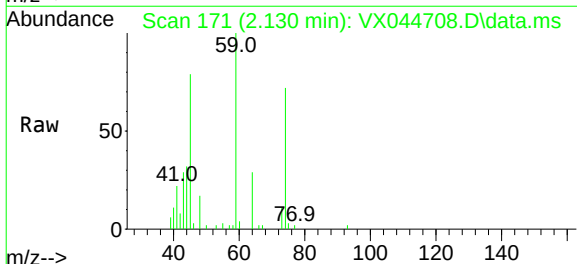
Manual Integrations
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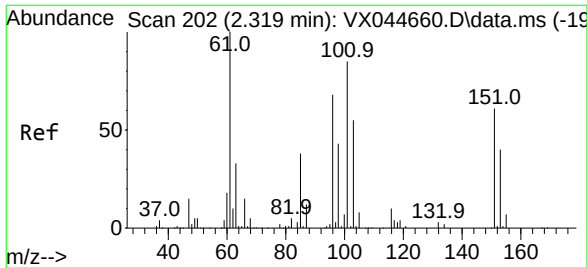
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#8
 Diethyl Ether
 Concen: 4.057 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044708.D
 Acq: 23 Jan 2025 15:12

Tgt Ion: 74 Resp: 5076
 Ion Ratio Lower Upper
 74 100
 45 111.1 18.8 168.8





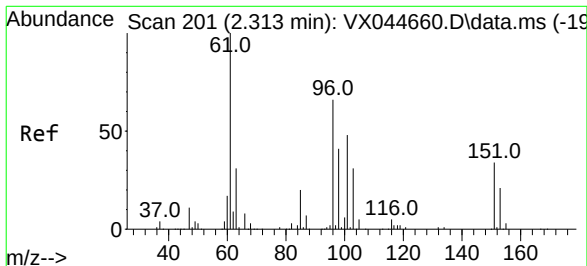
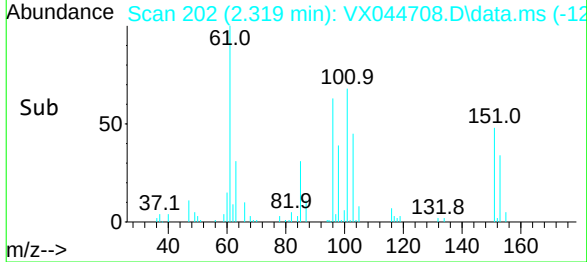
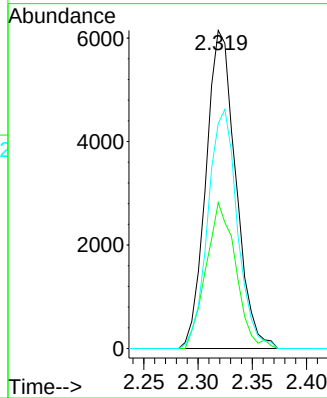
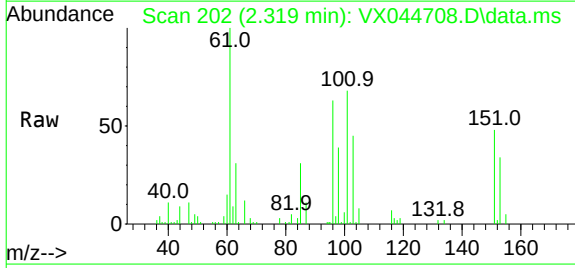
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.049 ug/l
RT: 2.319 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 101 Resp: 11731
Ion Ratio Lower Upper
101 100
85 45.7 0.0 88.0
151 74.3 0.0 147.0

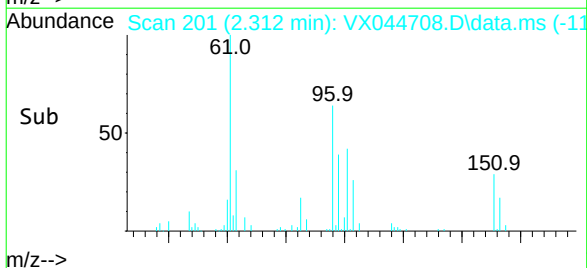
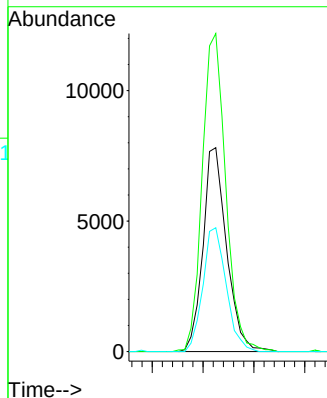
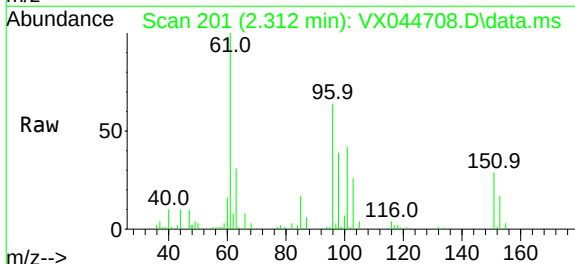
Manual Integrations
APPROVED

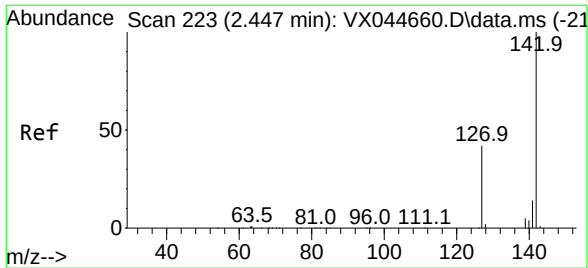
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#10
1,1-Dichloroethene
Concen: 5.282 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

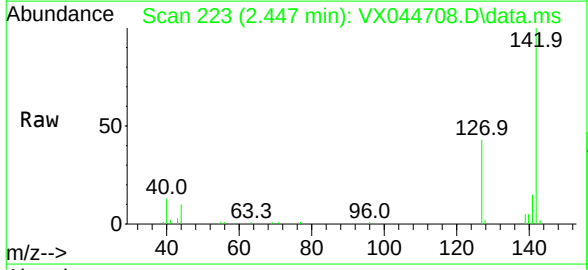
Tgt Ion: 96 Resp: 12627
Ion Ratio Lower Upper
96 100
61 156.0 121.6 182.4
98 60.7 50.3 75.5





#11
Methyl Iodide
Concen: 4.052 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

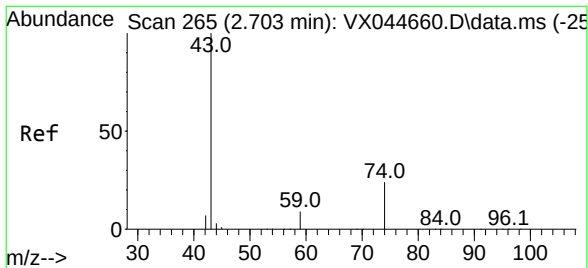
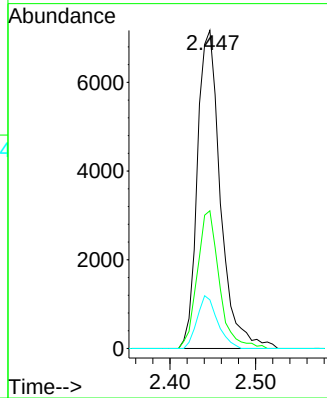
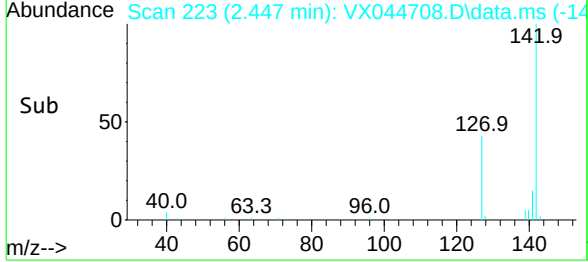
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:	142	Resp:	13421
Ion	Ratio	Lower	Upper
142	100		
127	43.3	20.8	62.4
141	15.3	7.0	20.9

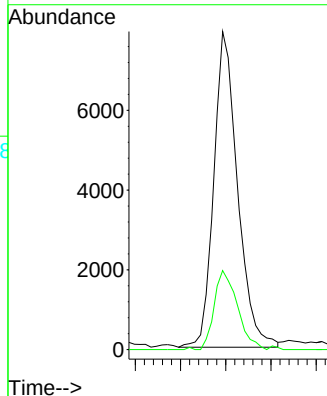
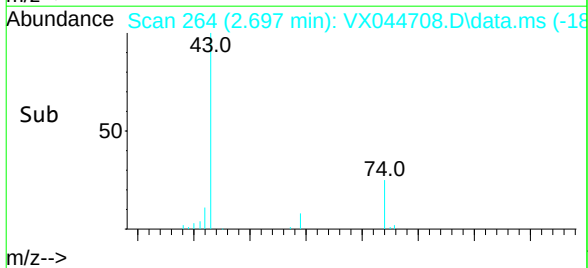
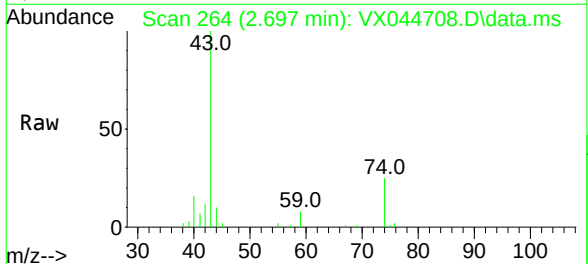
Manual Integrations
APPROVED

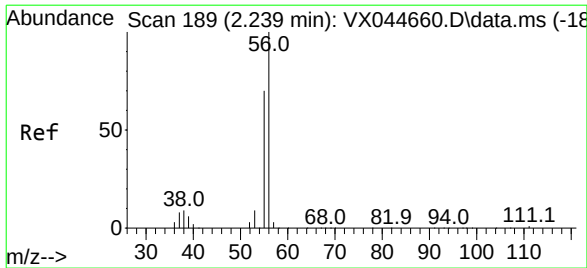
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#12
Methyl Acetate
Concen: 4.152 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

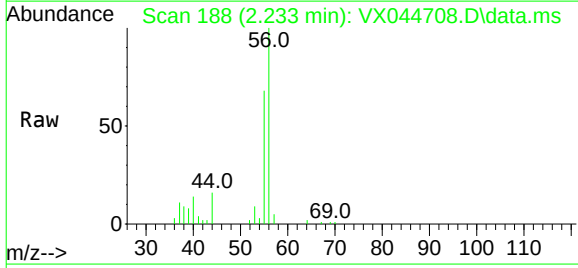
Tgt Ion:	43	Resp:	14490
Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.4	29.2





#13
Acrolein
Concen: 28.080 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

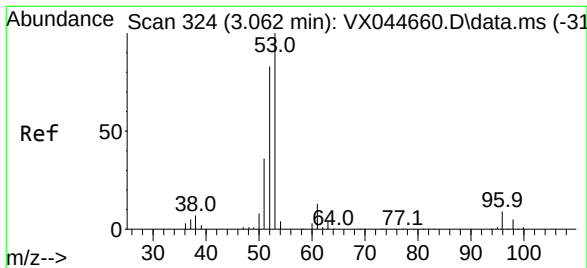
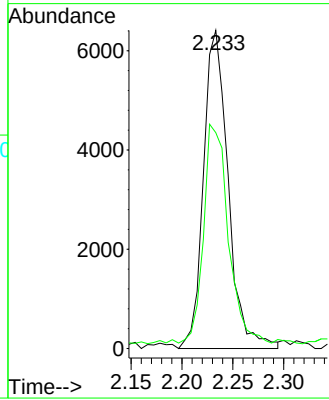
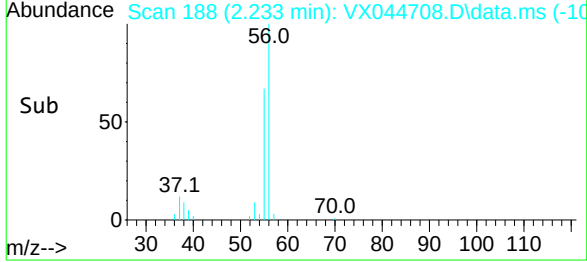
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



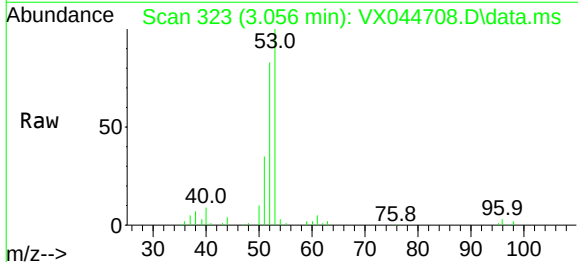
Tgt Ion: 56 Resp: 10837
Ion Ratio Lower Upper
56 100
55 68.3 57.5 86.3

Manual Integrations
APPROVED

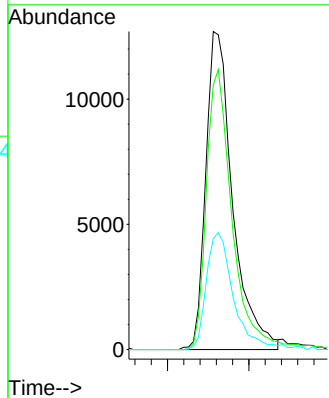
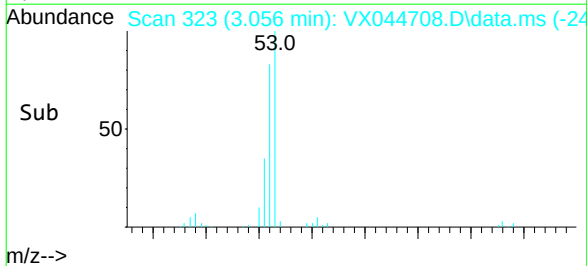
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

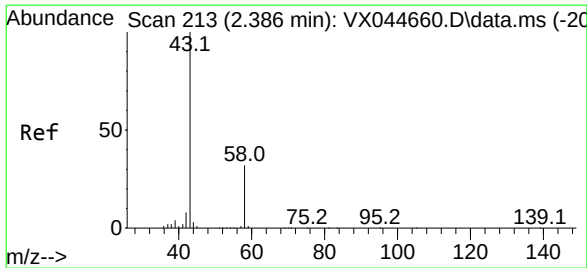


#14
Acrylonitrile
Concen: 22.887 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12



Tgt Ion: 53 Resp: 29104
Ion Ratio Lower Upper
53 100
52 83.9 41.4 124.2
51 36.7 18.1 54.4





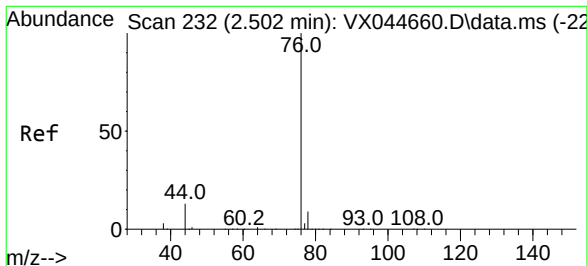
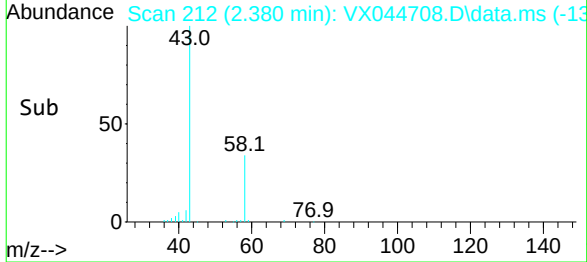
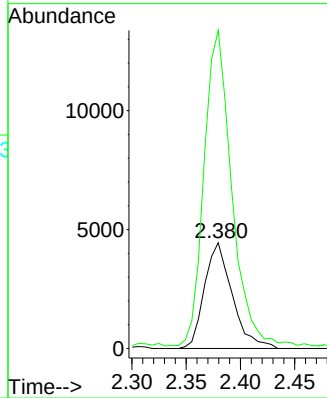
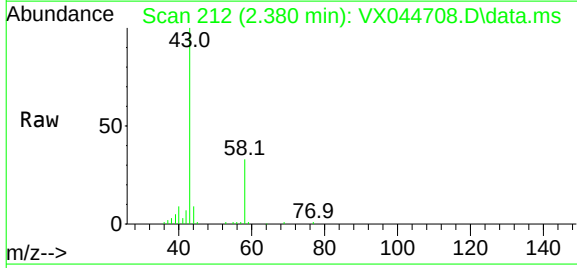
#15
Acetone
Concen: 23.240 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 58 Resp: 7930
Ion Ratio Lower Upper
58 100
43 298.0 251.0 376.4

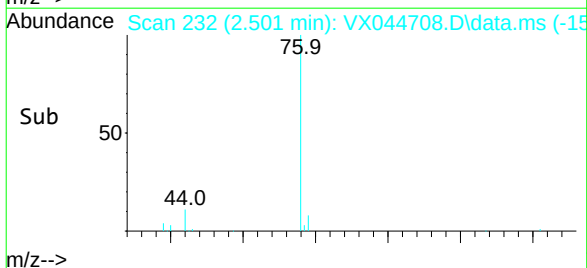
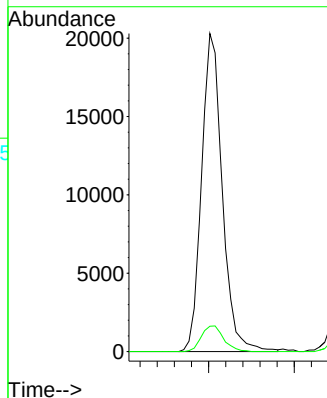
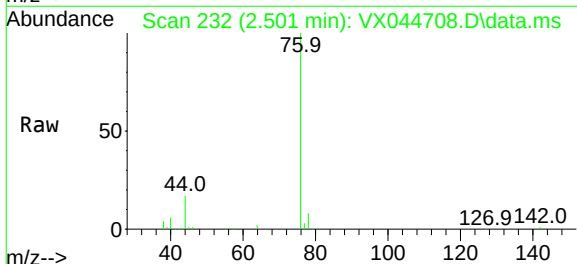
Manual Integrations
APPROVED

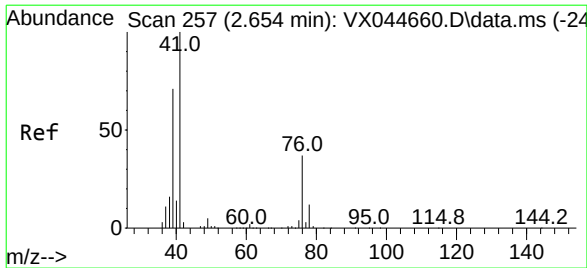
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#16
Carbon Disulfide
Concen: 5.130 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 76 Resp: 34078
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9





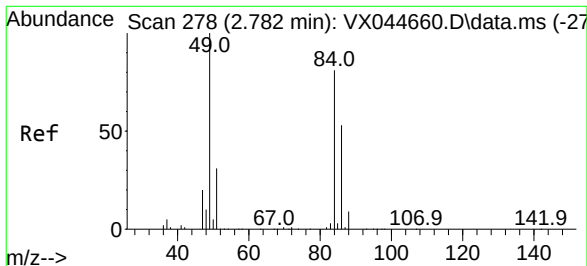
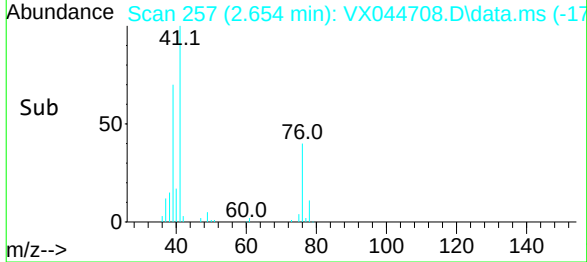
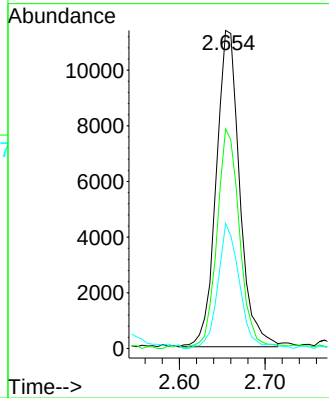
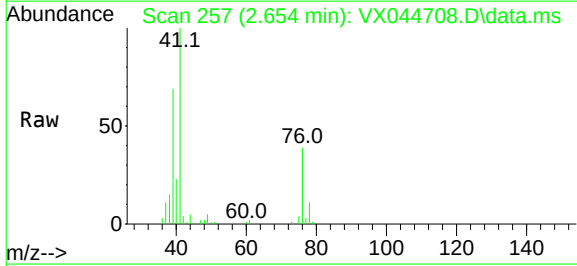
#17
 Allyl chloride
 Concen: 5.028 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VX044708.D
 Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion: 41	Resp: 21673
Ion Ratio	Lower Upper
41 100	
39 68.3	35.6 106.8
76 38.7	18.9 56.5

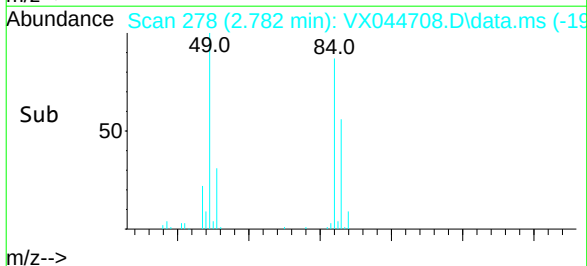
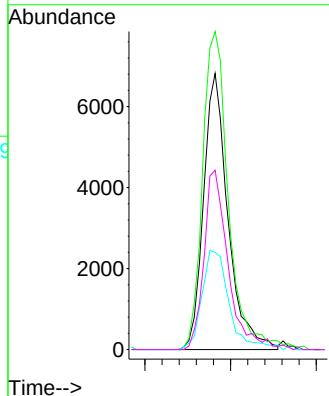
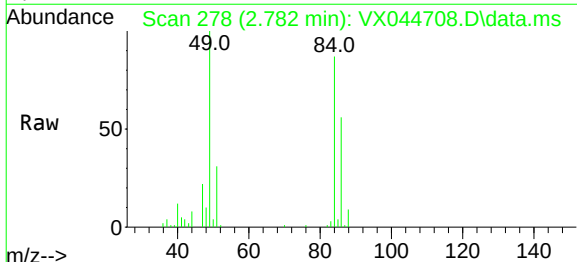
Manual Integrations
 APPROVED

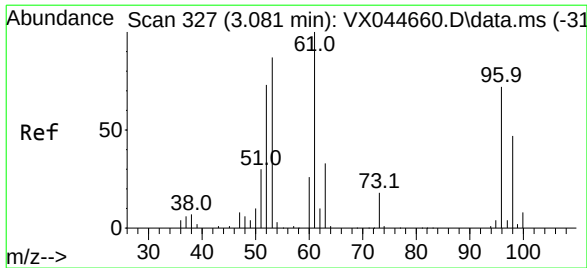
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#18
 Methylene Chloride
 Concen: 5.054 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX044708.D
 Acq: 23 Jan 2025 15:12

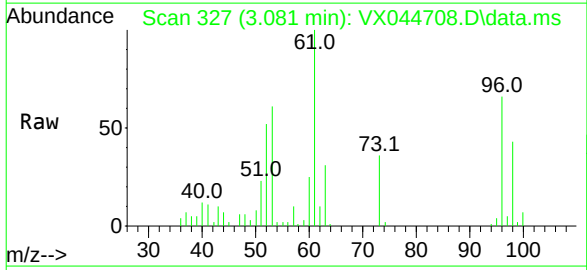
Tgt Ion: 84	Resp: 13520
Ion Ratio	Lower Upper
84 100	
49 115.2	98.3 147.5
51 35.2	30.6 46.0
86 64.9	52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 4.928 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

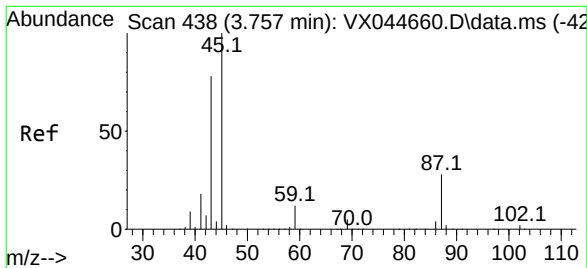
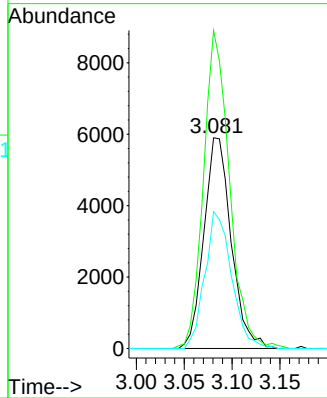
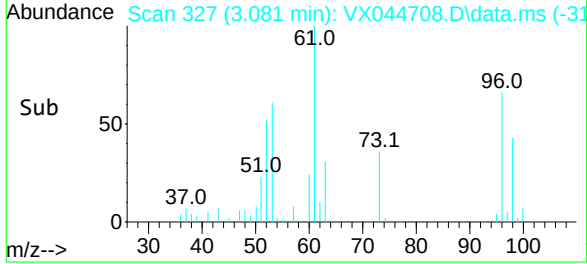
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



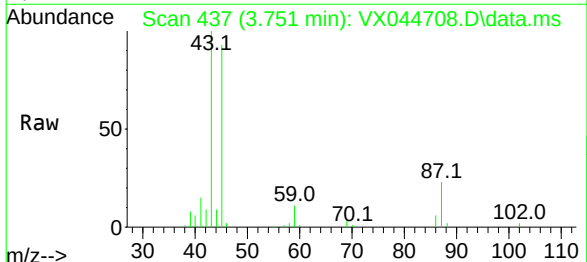
Tgt Ion: 96 Resp: 11713
Ion Ratio Lower Upper
96 100
61 149.6 111.5 167.3
98 65.0 52.6 79.0

Manual Integrations
APPROVED

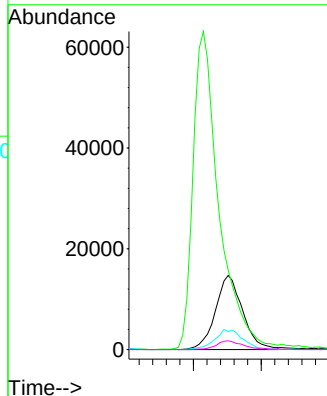
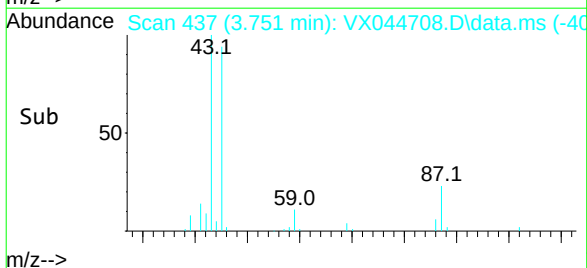
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

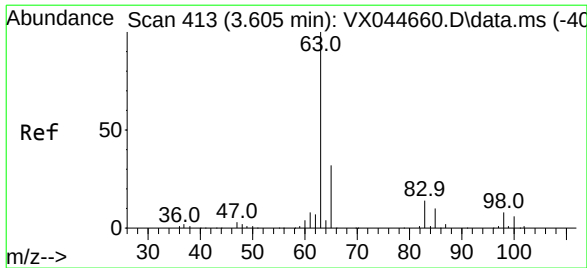


#20
Diisopropyl ether
Concen: 5.219 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12



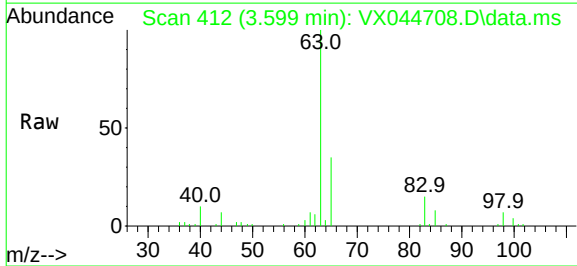
Tgt Ion: 45 Resp: 40836
Ion Ratio Lower Upper
45 100
43 103.9 62.6 94.0#
87 24.5 22.7 34.1
59 11.9 9.4 14.2





#21
1,1-Dichloroethane
Concen: 5.010 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

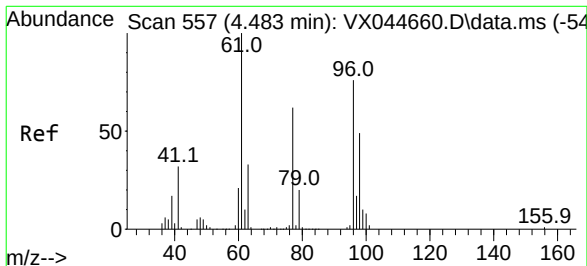
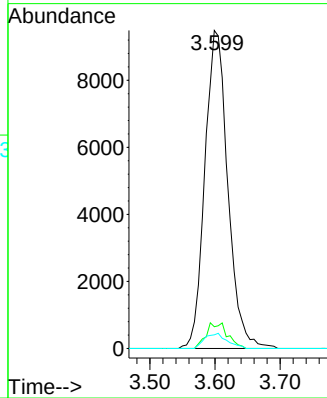
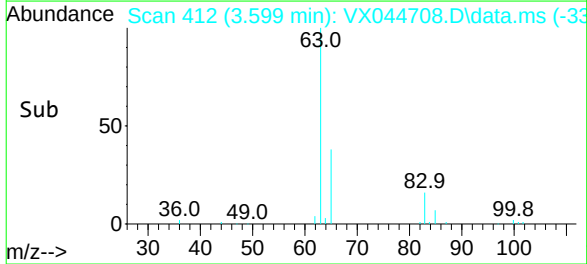
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



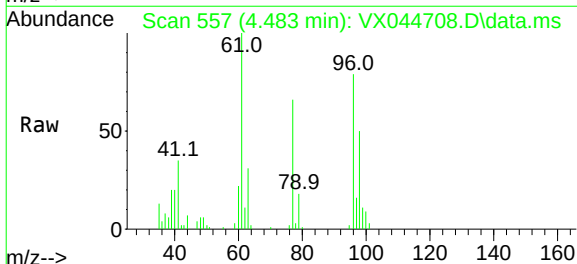
Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.8	4.0	11.9
100	4.3	2.8	8.3

Manual Integrations
APPROVED

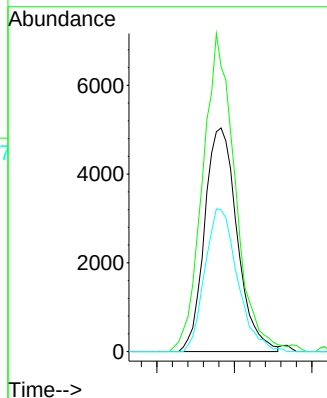
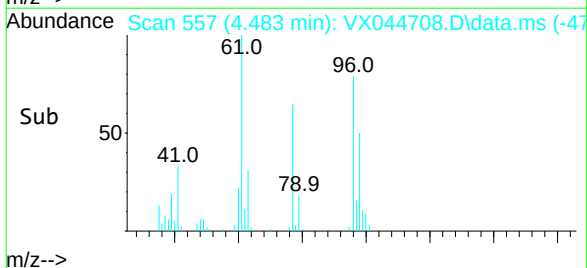
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

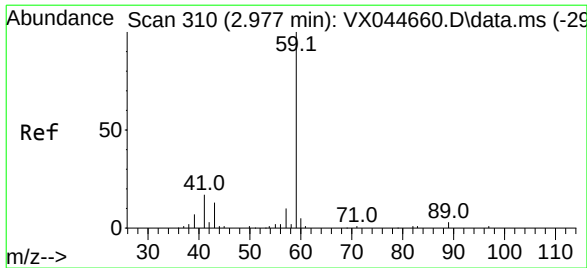


#22
cis-1,2-Dichloroethene
Concen: 4.997 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12



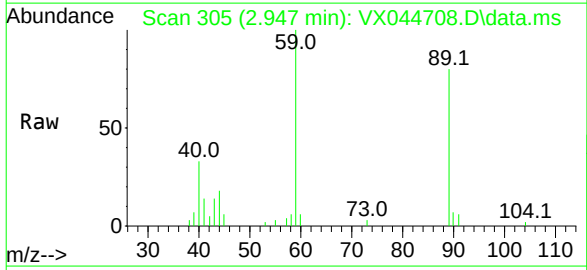
Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.7	115.2	172.8
98	63.6	51.8	77.6





#23
tert-Butyl Alcohol
Concen: 23.921 ug/l m
RT: 2.947 min Scan# 30
Delta R.T. -0.031 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

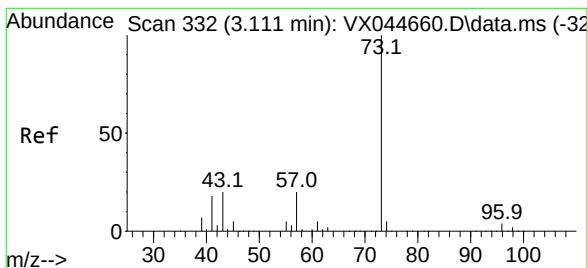
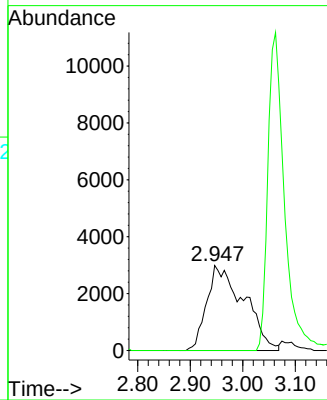
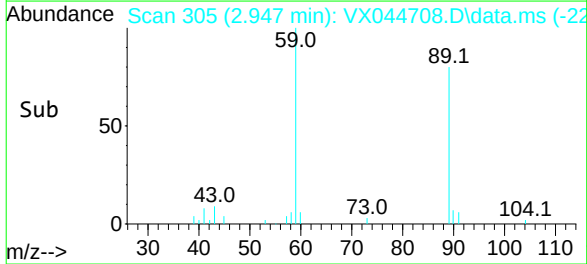
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 59 Resp: 14713
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

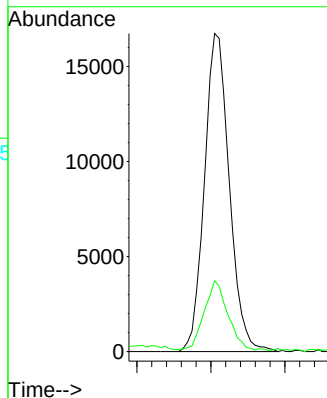
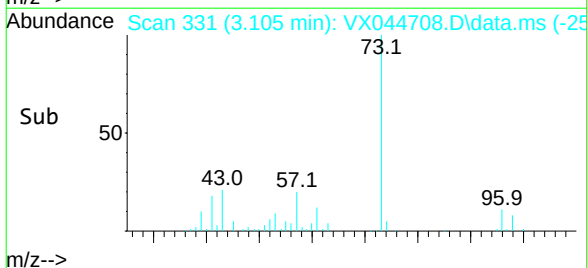
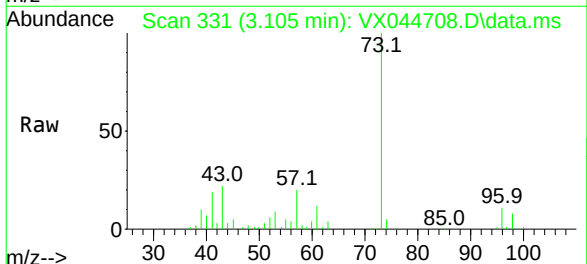
Manual Integrations
APPROVED

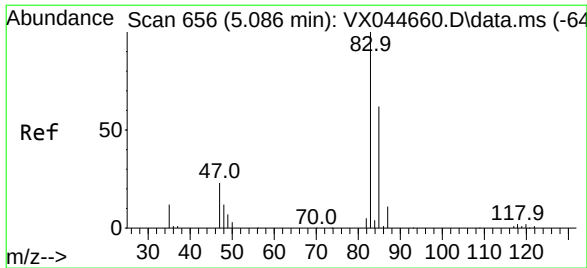
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#24
Methyl tert-Butyl Ether
Concen: 4.713 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 73 Resp: 39037
Ion Ratio Lower Upper
73 100
43 20.3 16.9 25.3





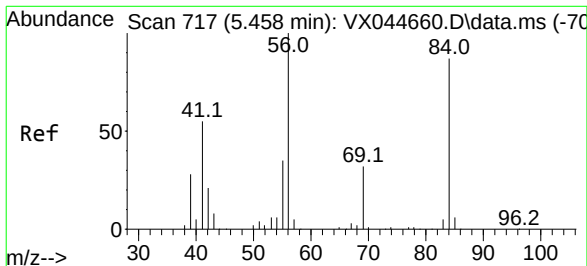
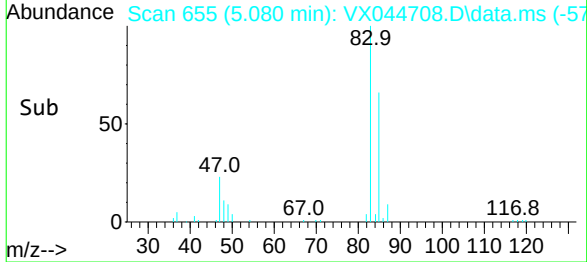
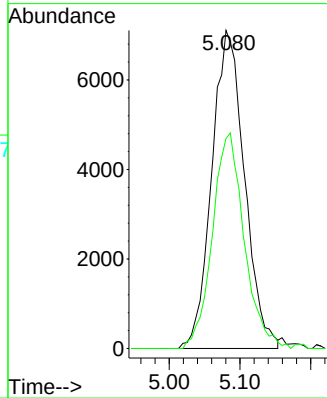
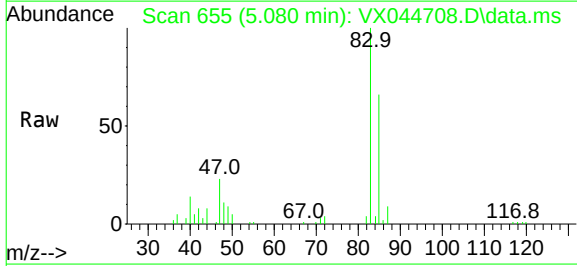
#25
Chloroform
Concen: 4.942 ug/l
RT: 5.080 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 83 Resp: 22793
Ion Ratio Lower Upper
83 100
85 66.0 49.4 74.2

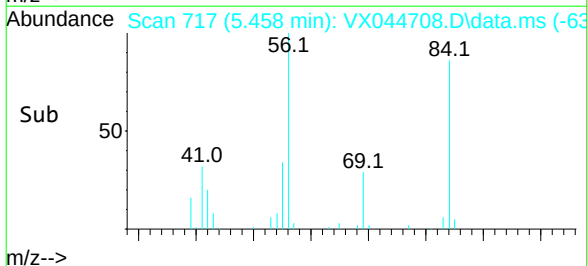
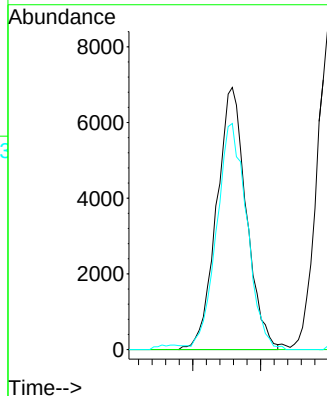
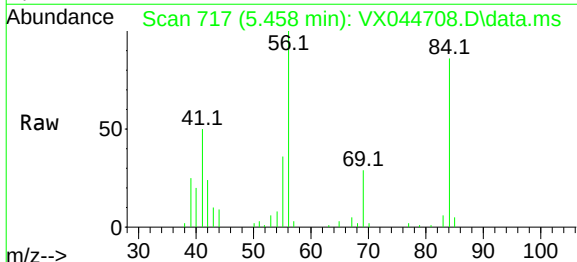
Manual Integrations
APPROVED

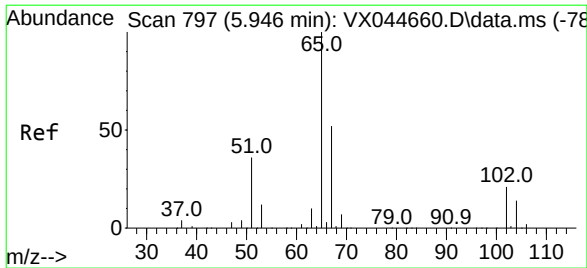
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#26
Cyclohexane
Concen: 5.421 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 56 Resp: 21148
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.4 72.2 108.4





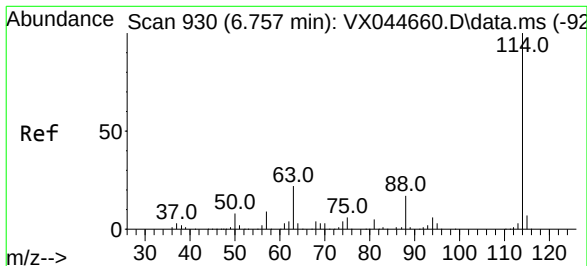
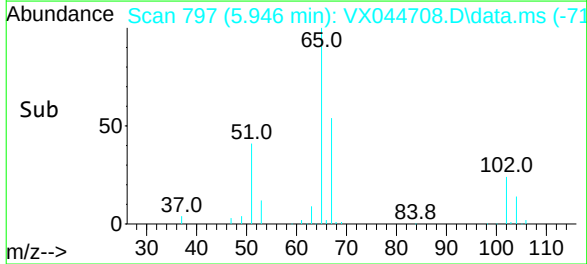
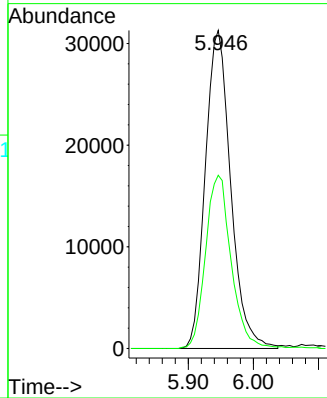
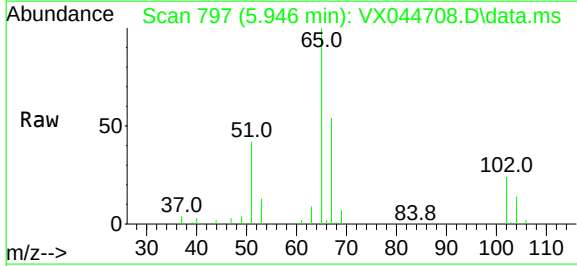
#27
1,2-Dichloroethane-d4
Concen: 27.047 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 65 Resp: 84499
Ion Ratio Lower Upper
65 100
67 54.9 41.4 62.2

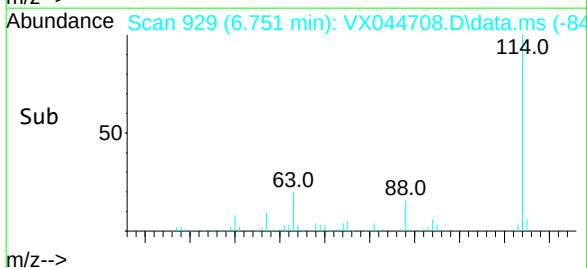
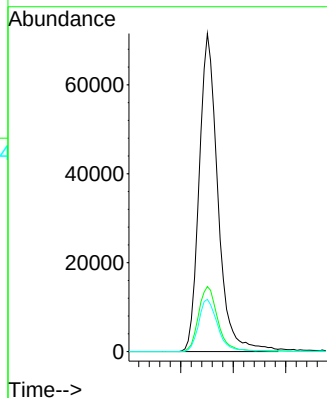
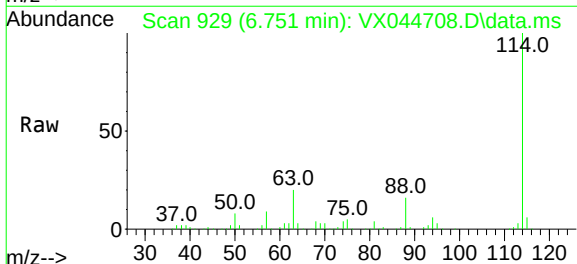
Manual Integrations
APPROVED

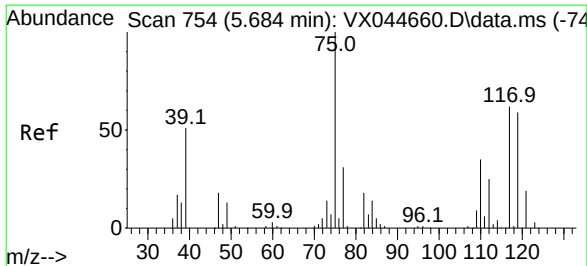
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

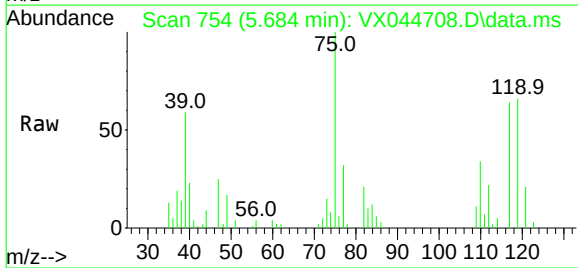
Tgt Ion:114 Resp: 177314
Ion Ratio Lower Upper
114 100
63 20.9 16.6 24.8
88 16.6 13.4 20.2





#29
1,1-Dichloropropene
Concen: 4.984 ug/l
RT: 5.684 min Scan# 75
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

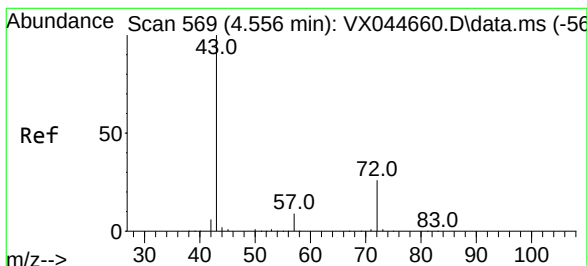
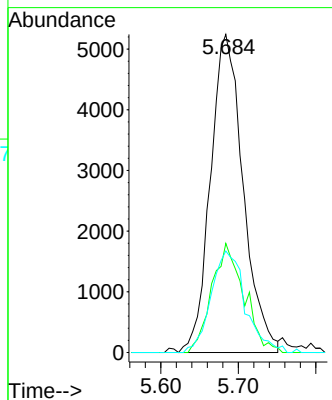
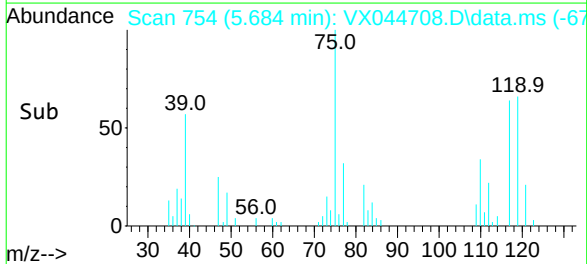
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	0.0	69.4
77	33.1	0.0	59.8

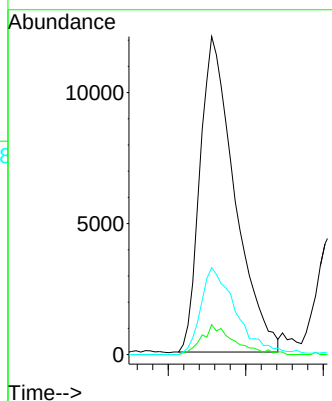
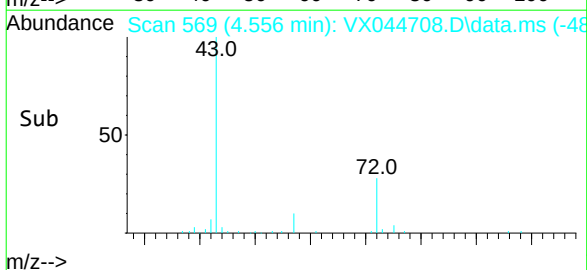
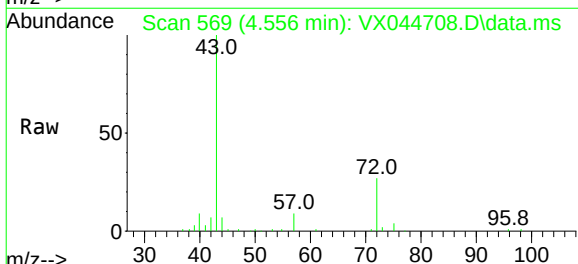
Manual Integrations
APPROVED

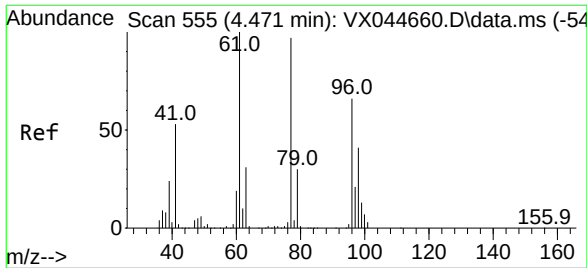
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#30
2-Butanone
Concen: 22.099 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

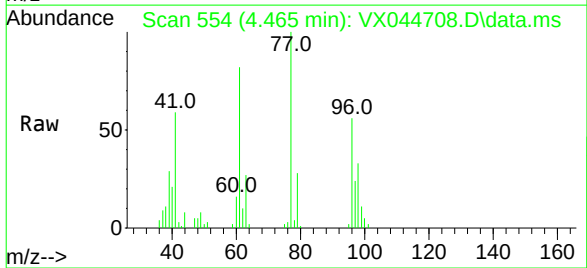
Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.4	9.6
72	25.3	21.5	32.3





#31
2,2-Dichloropropane
Concen: 4.679 ug/l
RT: 4.465 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

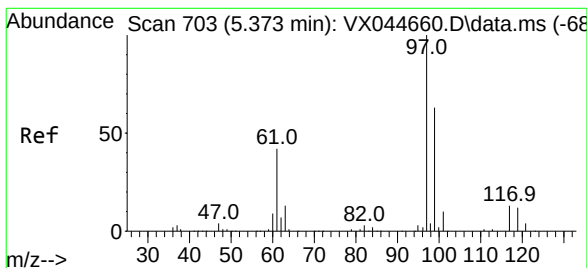
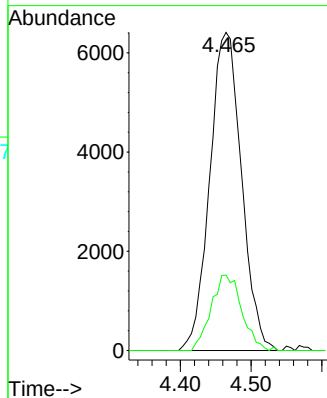
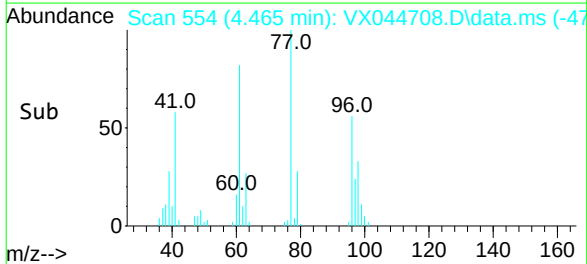
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 77 Resp: 19968
Ion Ratio Lower Upper
77 100
97 22.8 18.6 27.8

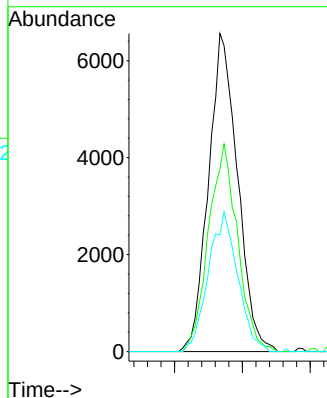
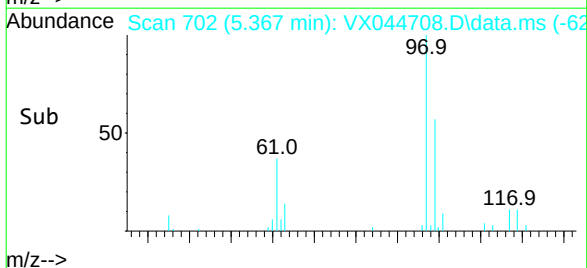
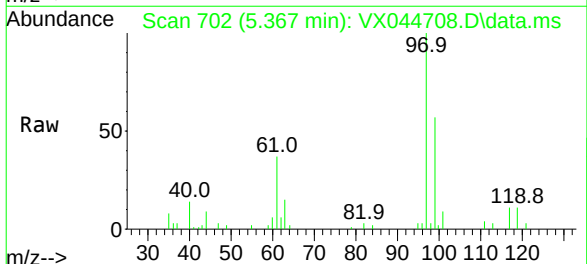
Manual Integrations
APPROVED

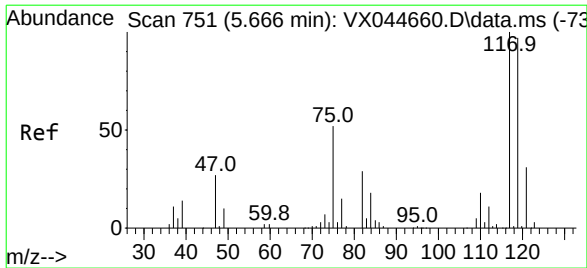
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#32
1,1,1-Trichloroethane
Concen: 4.783 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

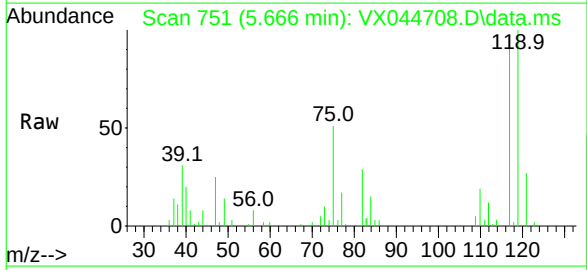
Tgt Ion: 97 Resp: 19548
Ion Ratio Lower Upper
97 100
99 65.1 50.5 75.7
61 44.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 4.683 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

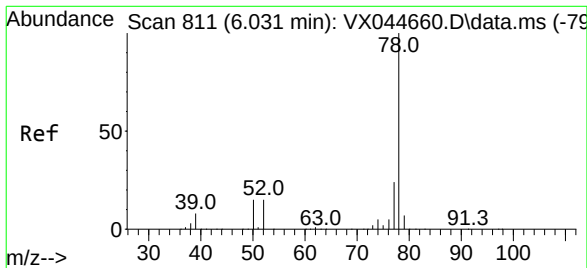
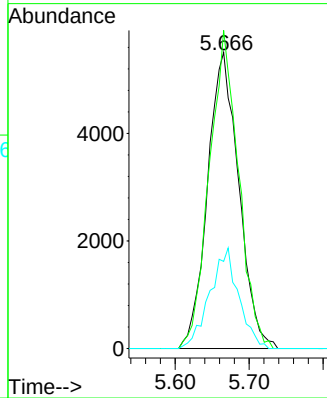
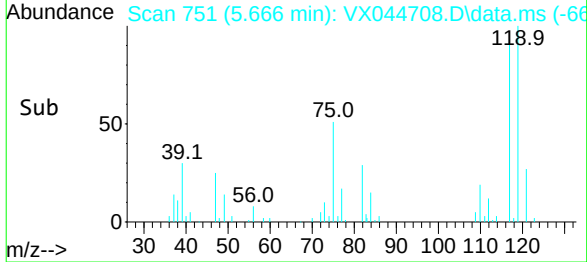
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 117 Resp: 16146
Ion Ratio Lower Upper
117 100
119 107.4 77.3 115.9
121 29.4 24.6 37.0

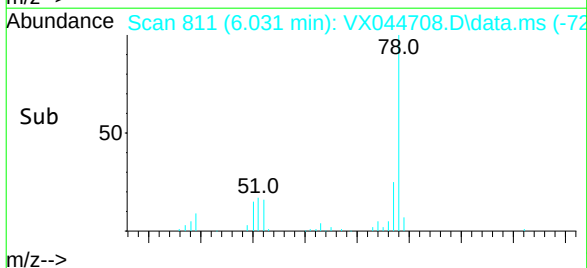
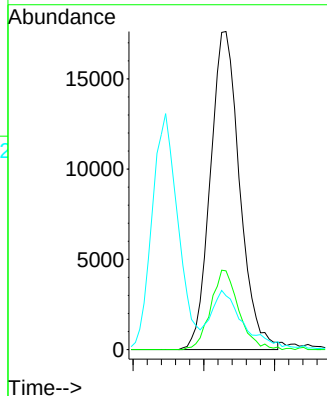
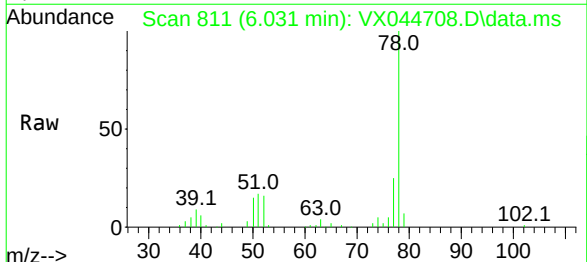
Manual Integrations
APPROVED

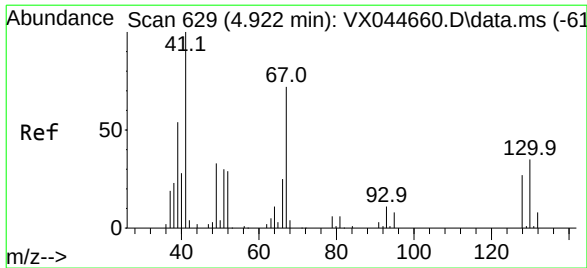
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#34
Benzene
Concen: 5.153 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

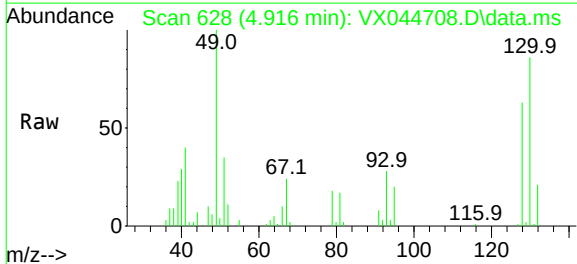
Tgt Ion: 78 Resp: 50707
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9
51 14.4 12.7 19.1





#35
Methacrylonitrile
Concen: 4.744 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

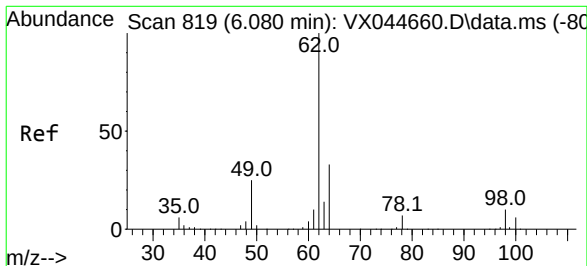
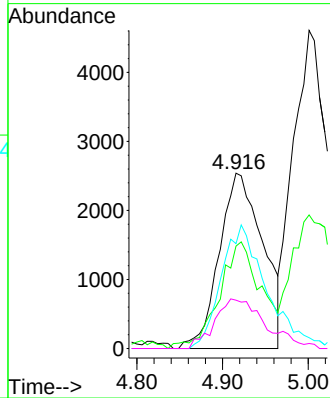
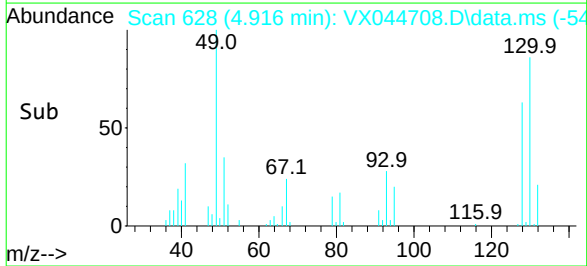
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 41 Resp: 8983
Ion Ratio Lower Upper
41 100
39 55.4 27.1 81.3
67 59.8 35.8 107.4
52 27.6 14.4 43.2

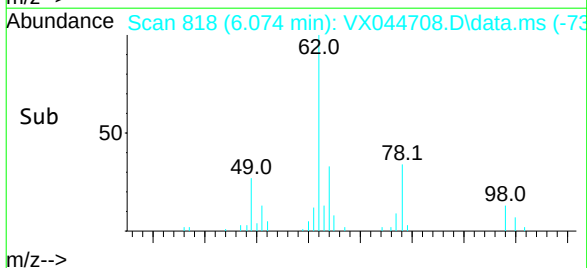
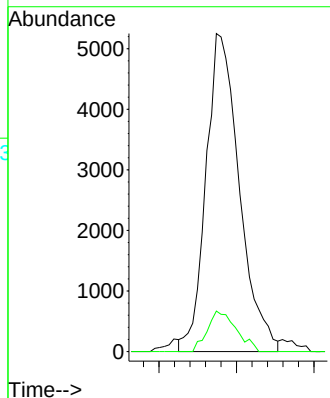
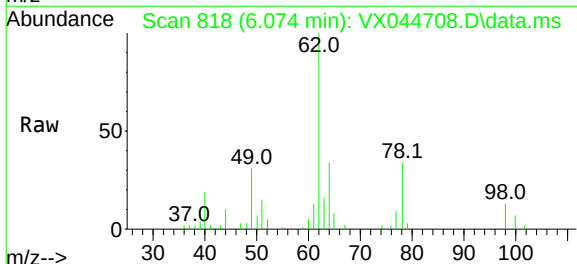
Manual Integrations
APPROVED

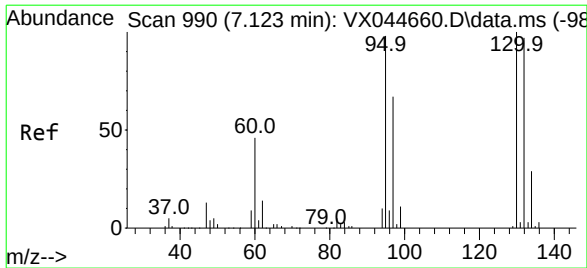
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#36
1,2-Dichloroethane
Concen: 4.465 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

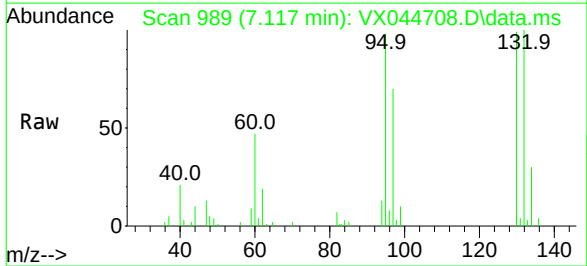
Tgt Ion: 62 Resp: 15707
Ion Ratio Lower Upper
62 100
98 11.0 7.4 11.2





#37
Trichloroethene
Concen: 4.772 ug/l
RT: 7.117 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

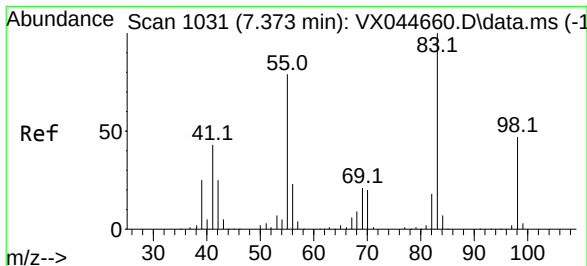
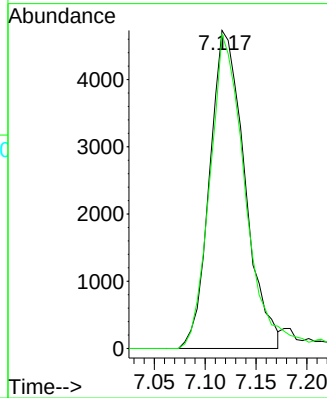
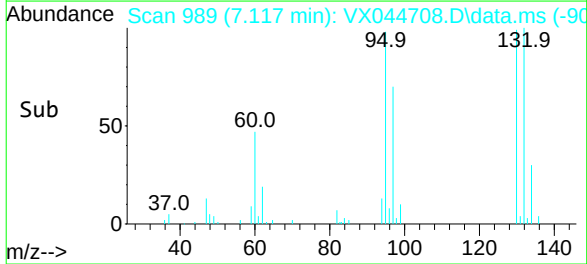
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:130 Resp: 11337
Ion Ratio Lower Upper
130 100
95 98.8 78.2 117.4

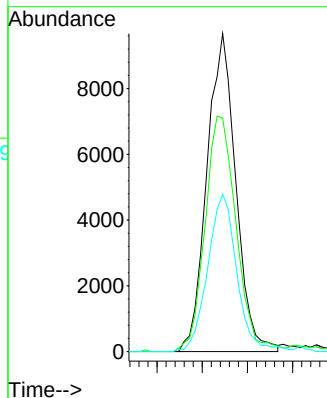
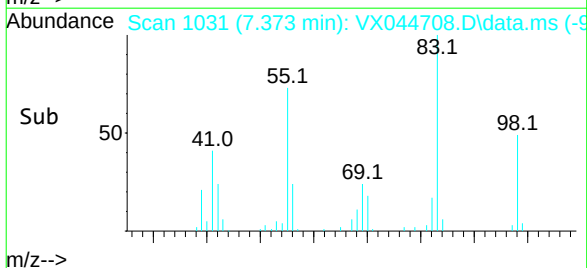
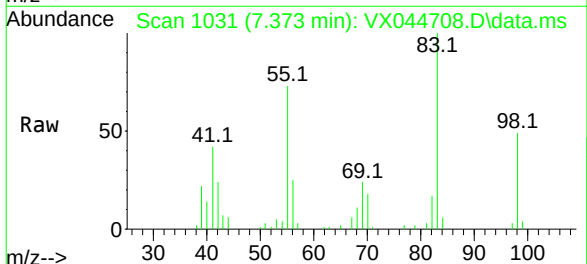
Manual Integrations
APPROVED

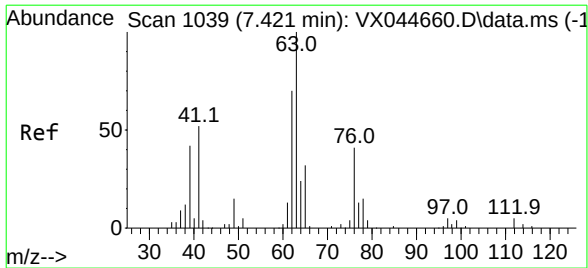
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#38
Methylcyclohexane
Concen: 5.131 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 83 Resp: 21503
Ion Ratio Lower Upper
83 100
55 78.1 38.4 115.2
98 49.7 24.4 73.4





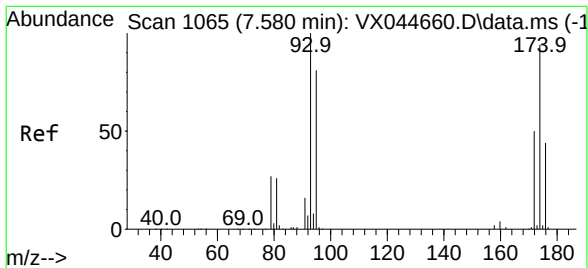
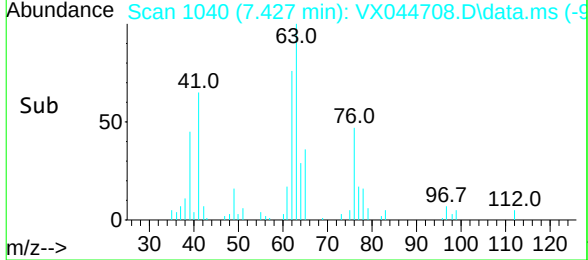
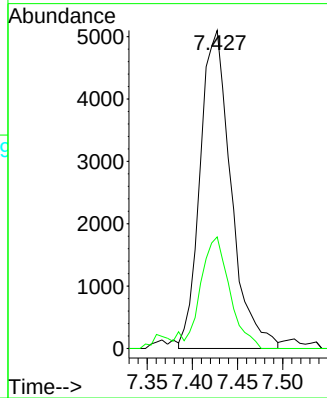
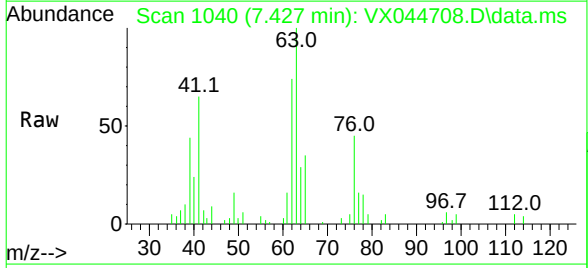
#39
1,2-Dichloropropane
Concen: 4.939 ug/l
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 63 Resp: 12118
Ion Ratio Lower Upper
63 100
65 35.7 25.5 38.3

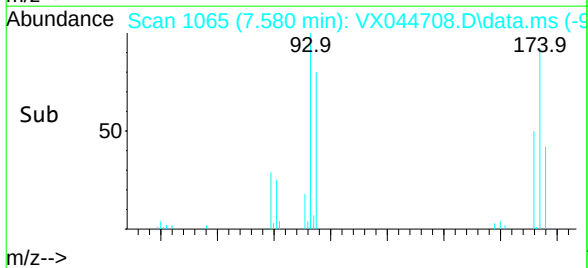
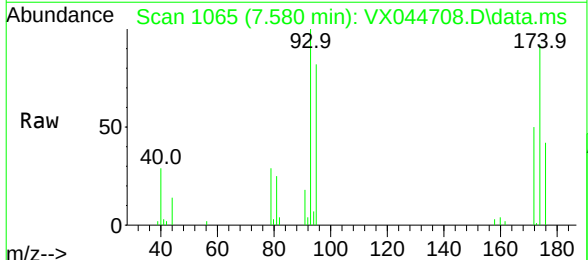
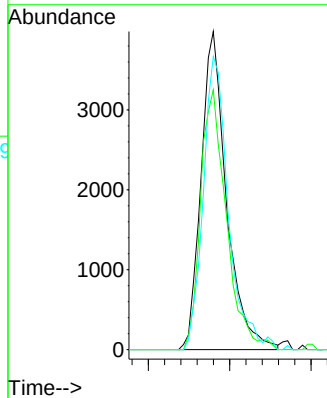
Manual Integrations
APPROVED

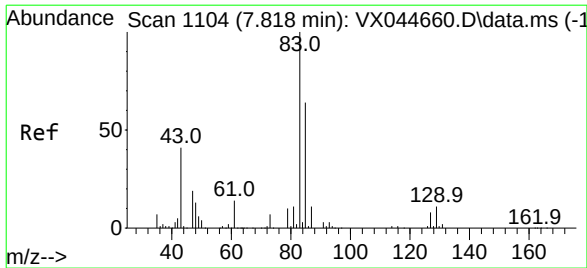
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#40
Dibromomethane
Concen: 4.728 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 93 Resp: 8625
Ion Ratio Lower Upper
93 100
95 81.7 0.0 167.0
174 90.6 0.0 182.0





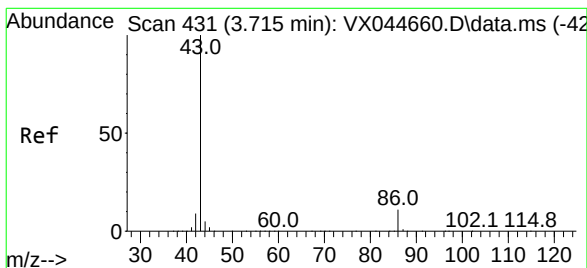
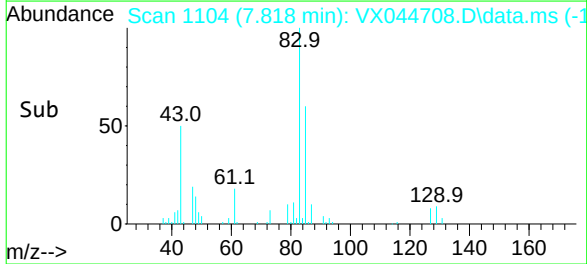
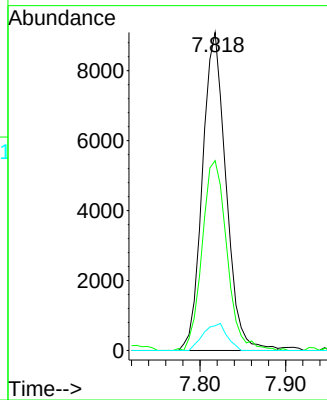
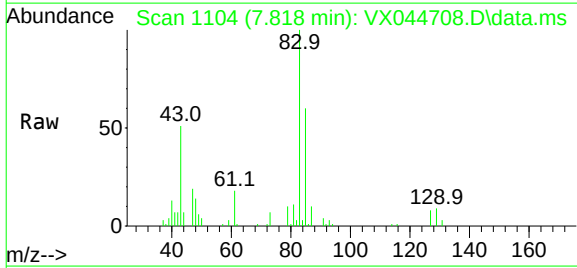
#41
Bromodichloromethane
Concen: 4.617 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 83 Resp: 17396
Ion Ratio Lower Upper
83 100
85 59.7 50.9 76.3
127 7.8 6.5 9.7

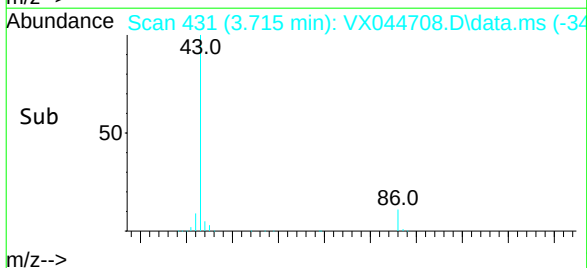
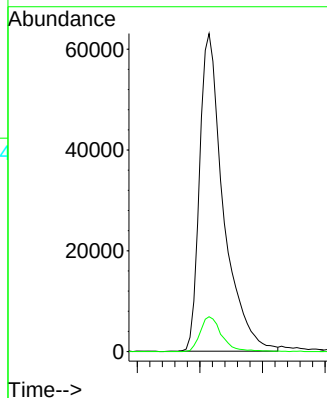
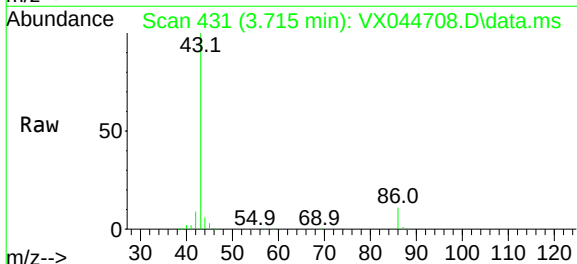
Manual Integrations
APPROVED

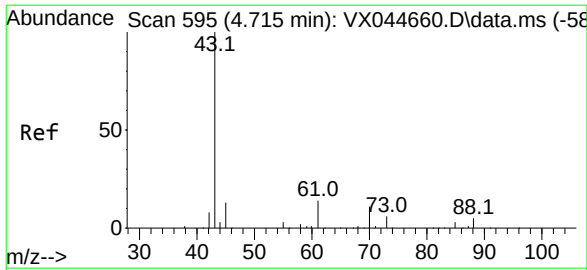
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#42
Vinyl Acetate
Concen: 24.775 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 43 Resp: 166696
Ion Ratio Lower Upper
43 100
86 9.9 8.0 12.0





#43

Ethyl Acetate

Concen: 4.951 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 43 Resp: 16454

Ion Ratio Lower Upper

43 100

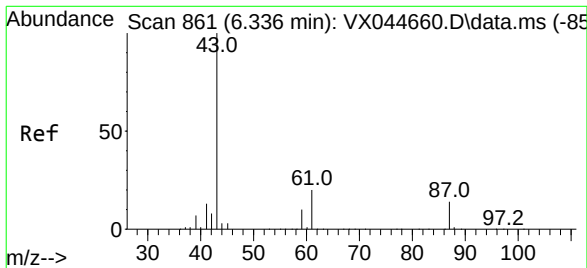
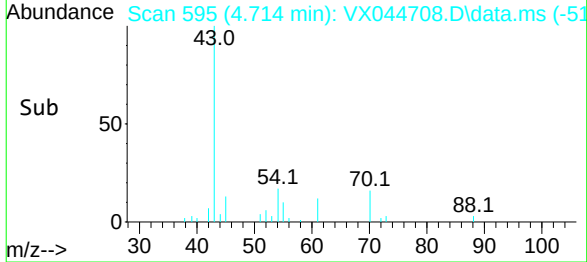
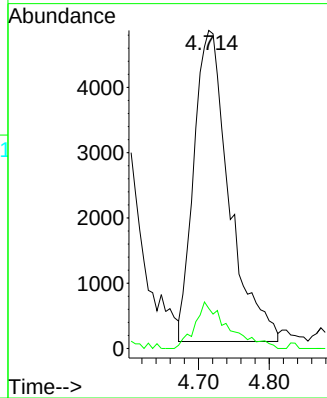
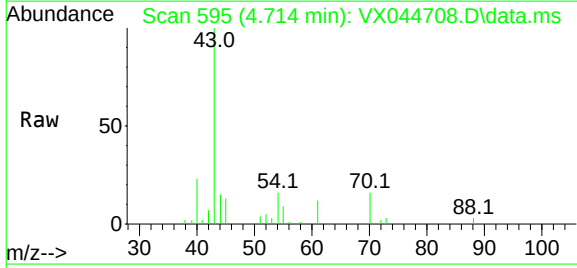
45 4.1 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#44

Isopropyl Acetate

Concen: 4.595 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044708.D

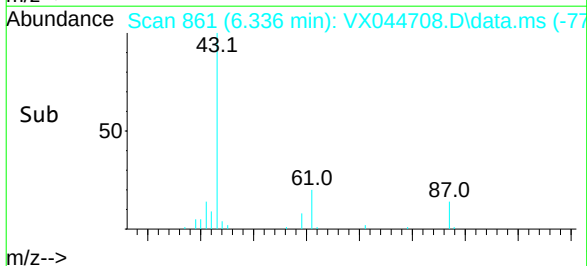
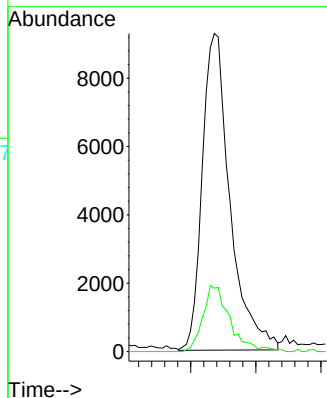
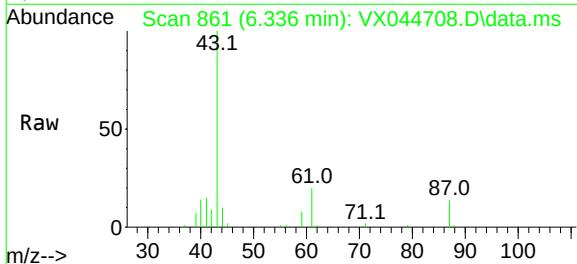
Acq: 23 Jan 2025 15:12

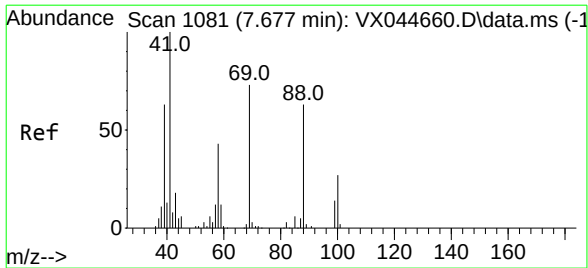
Tgt Ion: 43 Resp: 27434

Ion Ratio Lower Upper

43 100

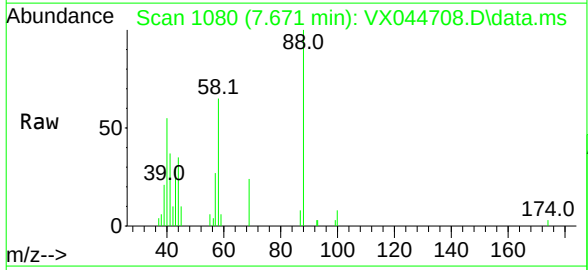
61 19.6 16.2 24.4





#45
1,4-Dioxane
Concen: 78.818 ug/l m
RT: 7.671 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

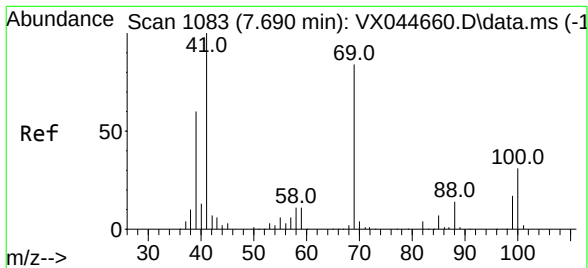
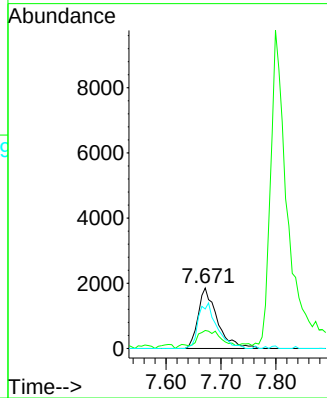
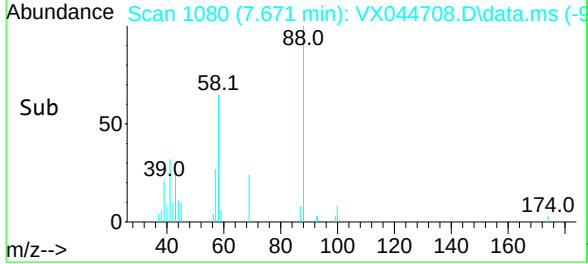
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 88 Resp: 4481
Ion Ratio Lower Upper
88 100
43 17.6 25.9 38.9#
58 71.7 58.9 88.3

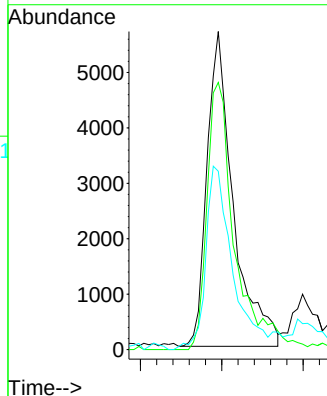
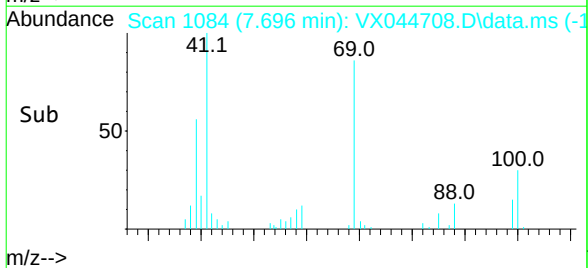
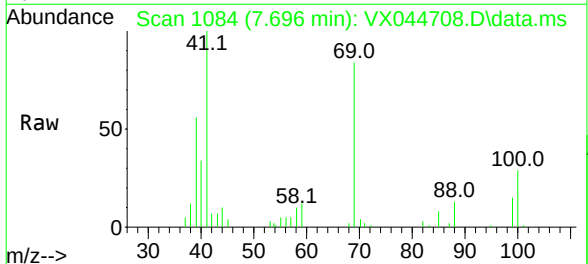
Manual Integrations
APPROVED

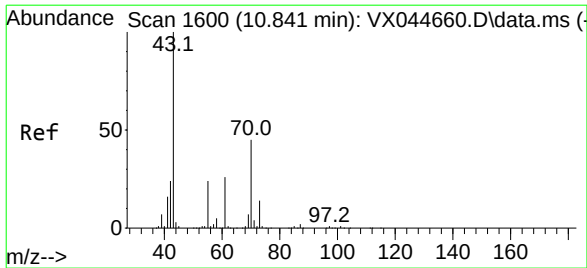
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#46
Methyl methacrylate
Concen: 4.372 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 41 Resp: 12778
Ion Ratio Lower Upper
41 100
69 84.9 41.9 125.7
39 55.7 30.1 90.3





#47

n-amy1 Acetate

Concen: 4.843 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 43 Resp: 24268

Ion Ratio Lower Upper

43 100

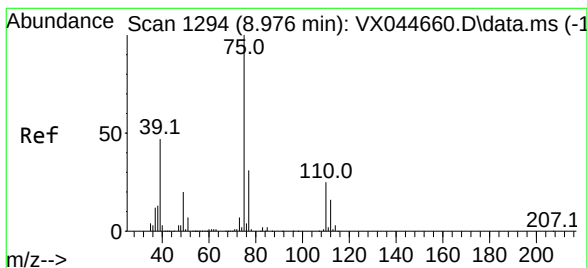
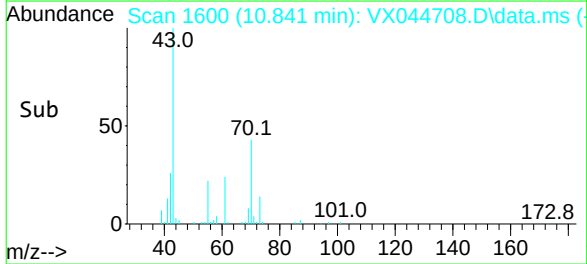
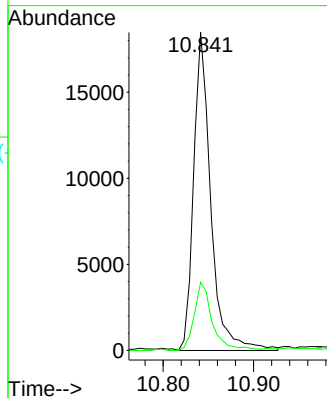
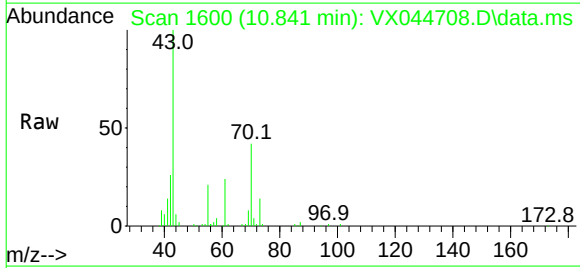
55 22.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#48

t-1,3-Dichloropropene

Concen: 4.521 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044708.D

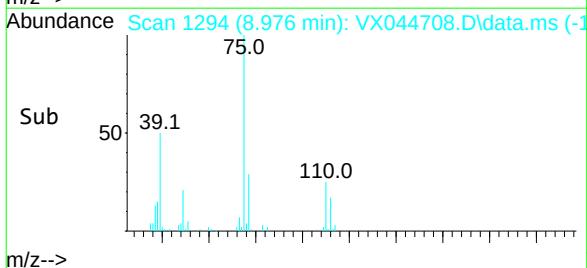
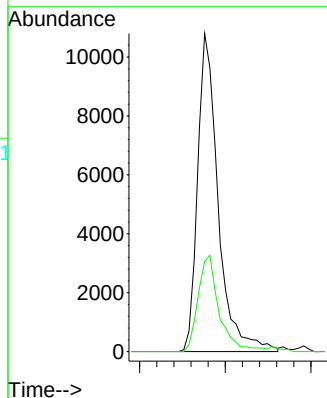
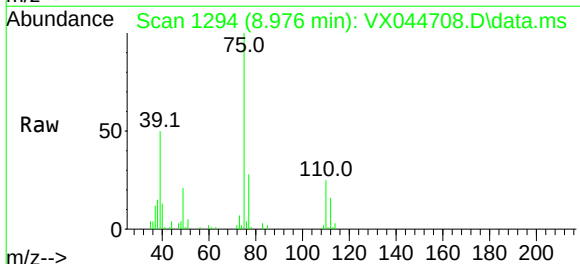
Acq: 23 Jan 2025 15:12

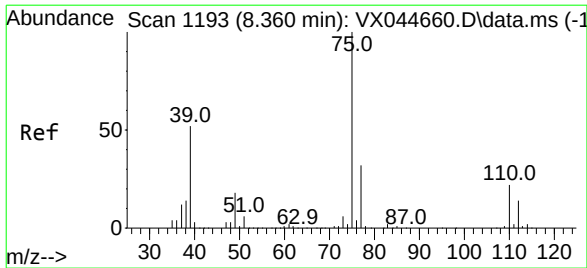
Tgt Ion: 75 Resp: 17975

Ion Ratio Lower Upper

75 100

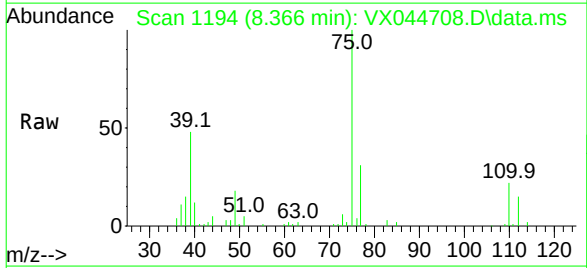
77 28.4 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 4.782 ug/l
RT: 8.366 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

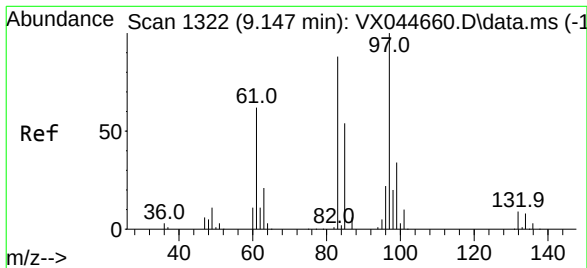
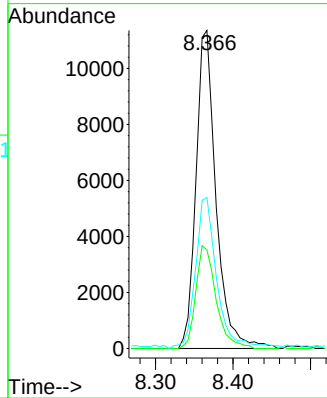
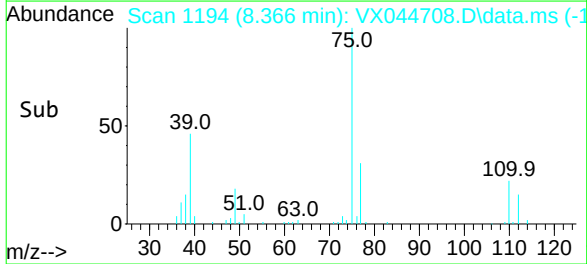
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 75 Resp: 20386
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0
39 46.7 41.4 62.0

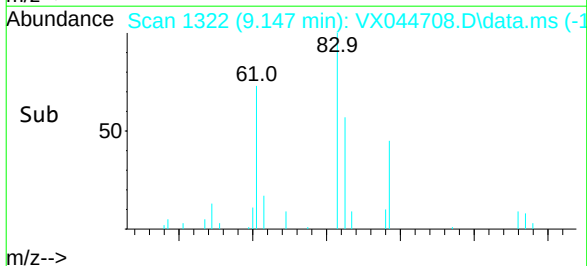
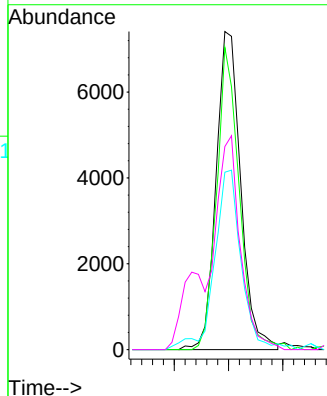
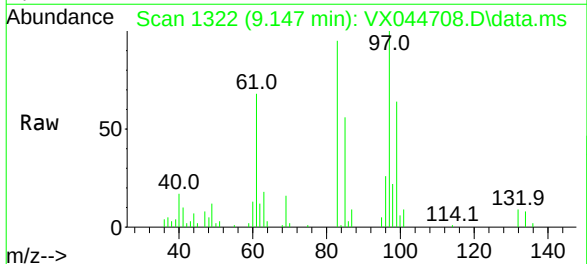
Manual Integrations
APPROVED

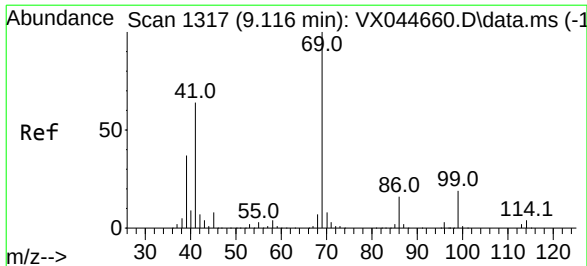
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#50
1,1,2-Trichloroethane
Concen: 4.977 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 97 Resp: 11692
Ion Ratio Lower Upper
97 100
83 95.0 69.2 103.8
85 54.0 44.8 67.2
99 62.7 52.1 78.1





#51

Ethyl methacrylate

Concen: 4.571 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

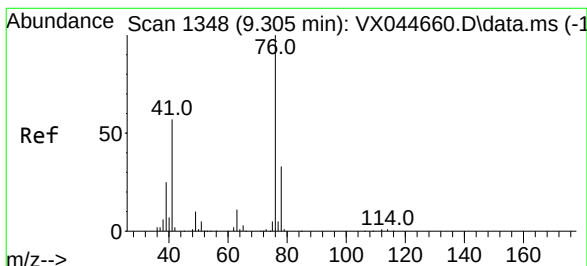
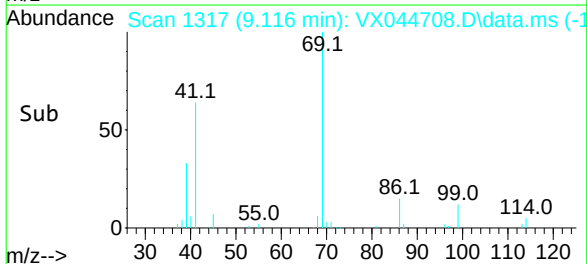
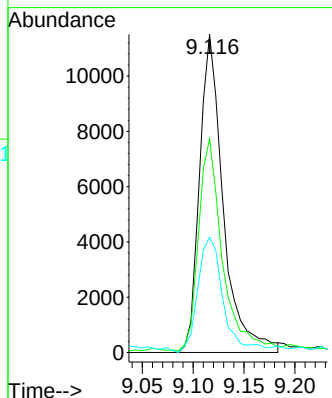
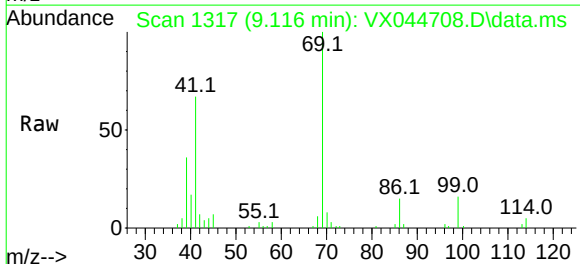
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:	69	Resp:	18656
Ion	Ratio	Lower	Upper
69	100		
41	66.7	32.0	96.0
39	36.3	18.6	55.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#52

1,3-Dichloropropane

Concen: 5.212 ug/l

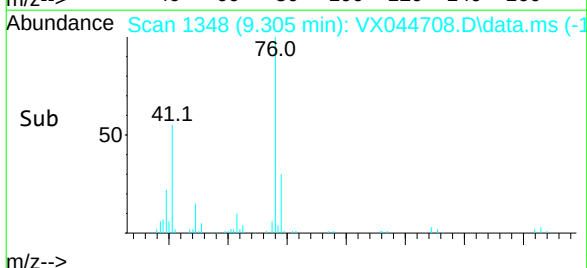
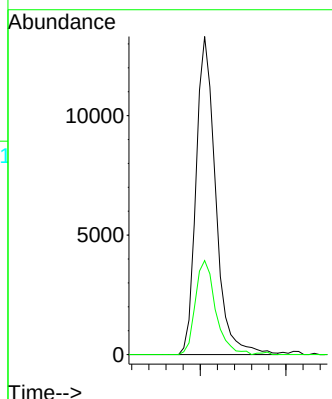
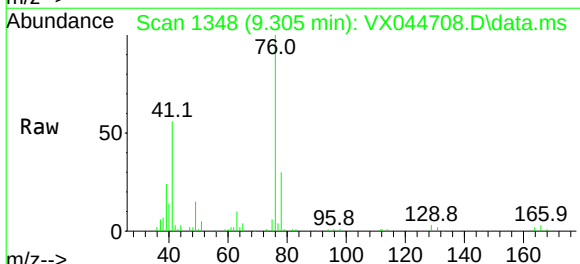
RT: 9.305 min Scan# 1348

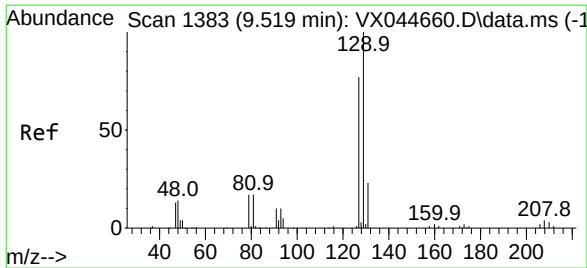
Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion:	76	Resp:	21178
Ion	Ratio	Lower	Upper
76	100		
78	30.3	0.0	64.0





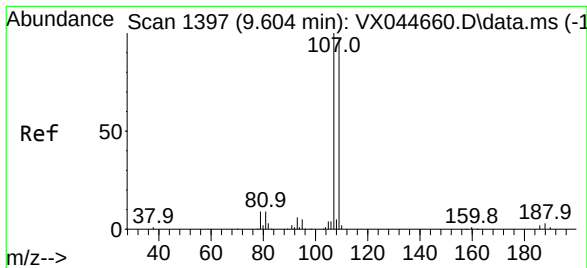
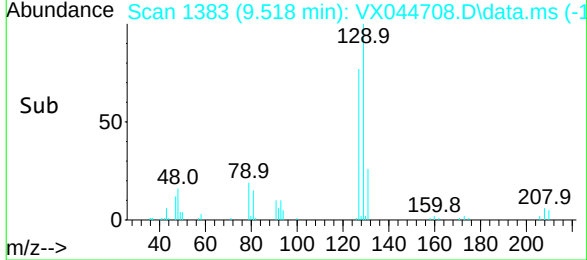
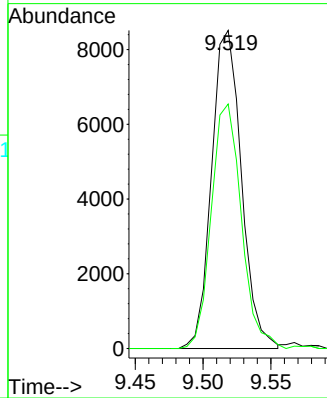
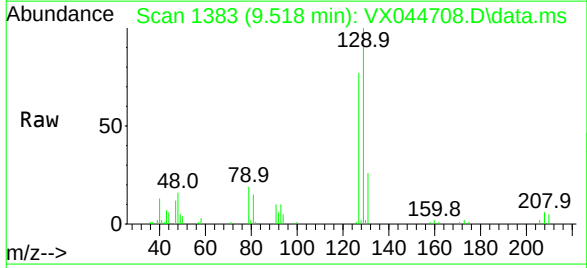
#53
Dibromochloromethane
Concen: 4.649 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion:129 Resp: 13051
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.4

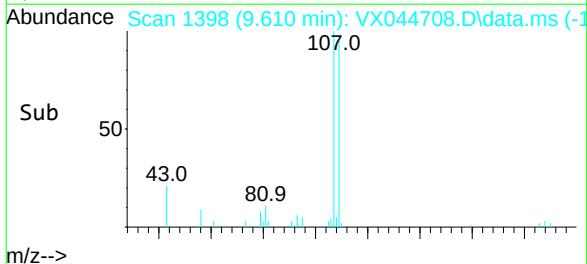
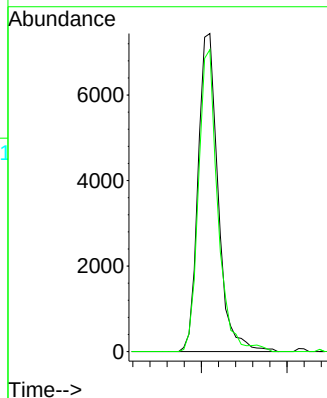
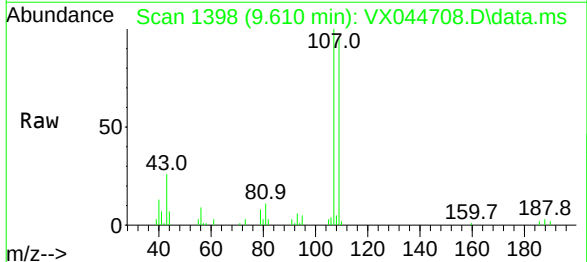
Manual Integrations
APPROVED

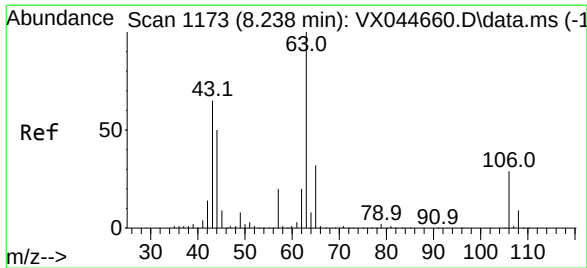
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#54
1,2-Dibromoethane
Concen: 4.853 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion:107 Resp: 12052
Ion Ratio Lower Upper
107 100
109 90.2 75.5 113.3





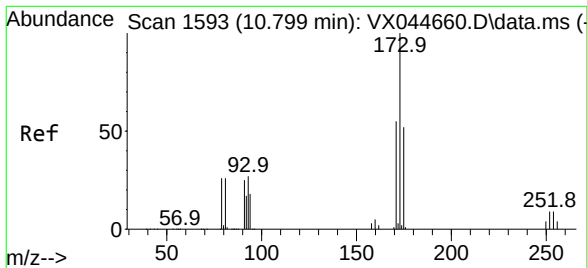
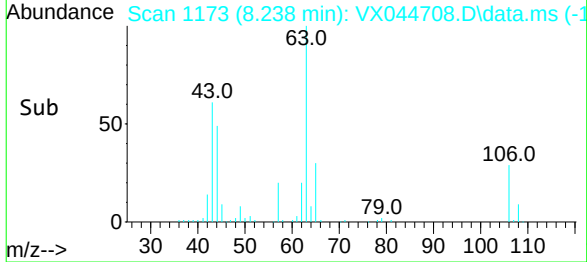
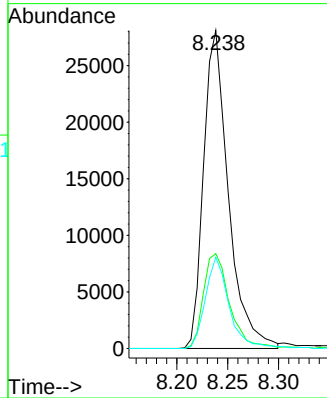
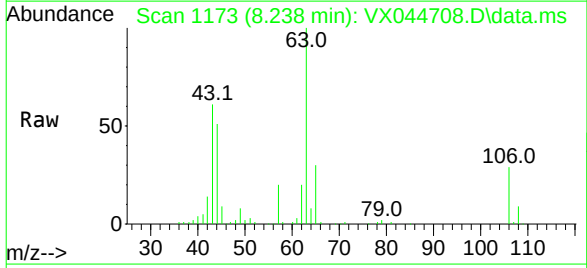
#55
2-Chloroethyl vinyl ether
Concen: 24.110 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:	63	Resp:	47744
Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.8	38.6
106	27.4	23.1	34.7

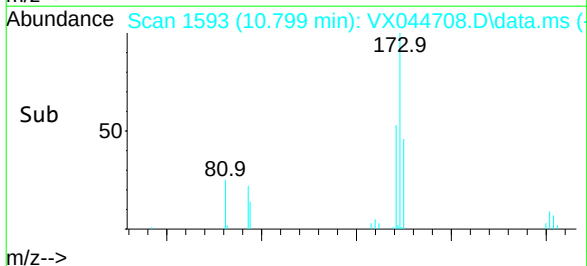
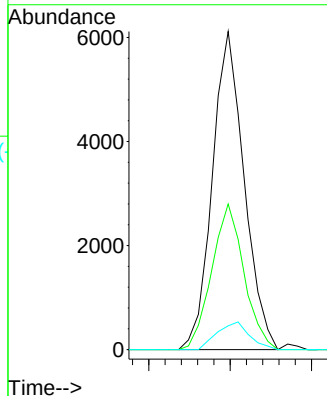
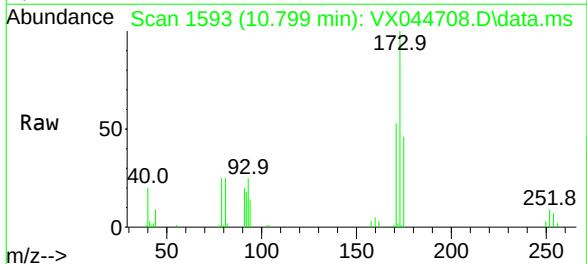
Manual Integrations
APPROVED

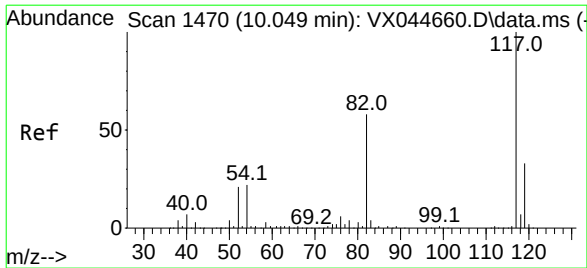
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#56
Bromoform
Concen: 4.457 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion:	173	Resp:	8297
Ion	Ratio	Lower	Upper
173	100		
175	46.3	39.0	58.6
254	8.8	6.5	9.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

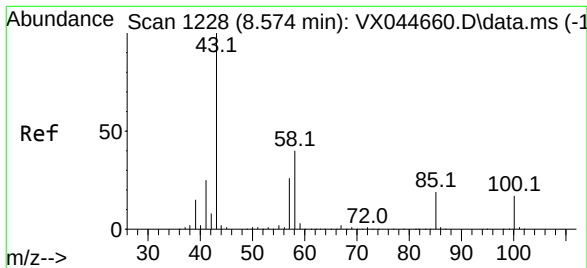
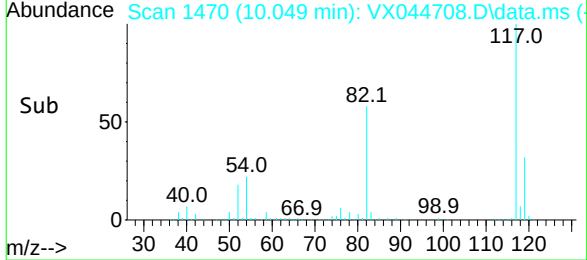
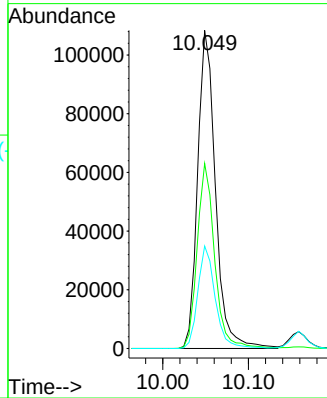
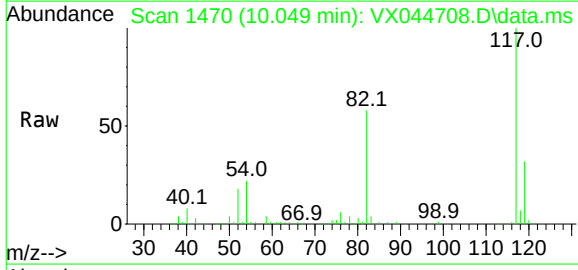
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 117	Resp: 156822
Ion Ratio	Lower Upper
117 100	
82 56.7	45.8 68.6
119 31.6	25.8 38.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#58

4-Methyl-2-Pentanone

Concen: 23.219 ug/l

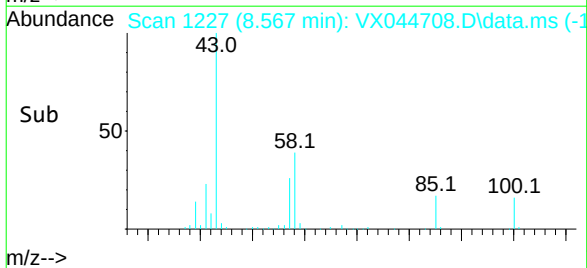
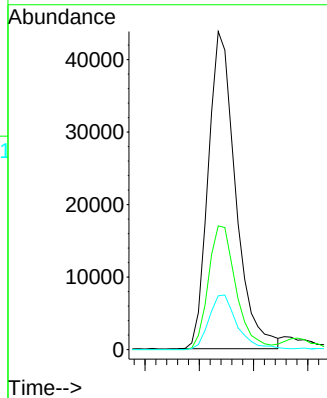
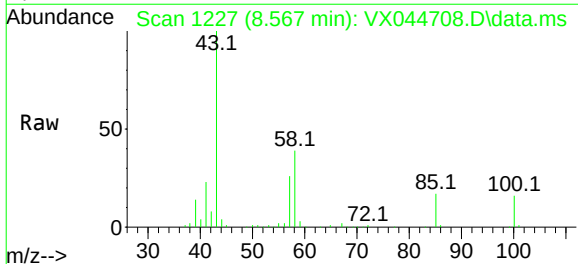
RT: 8.567 min Scan# 1227

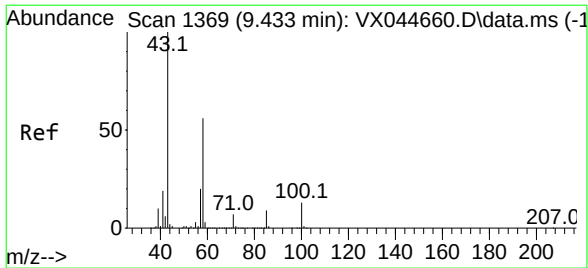
Delta R.T. -0.006 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion: 43	Resp: 76753
Ion Ratio	Lower Upper
43 100	
58 39.5	31.7 47.5
85 17.8	15.0 22.6





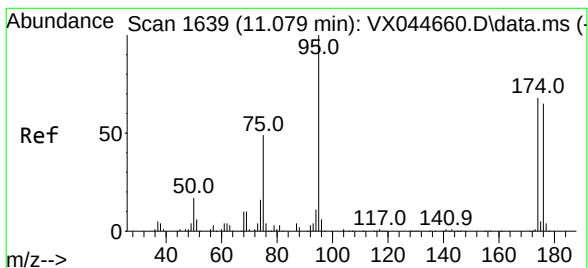
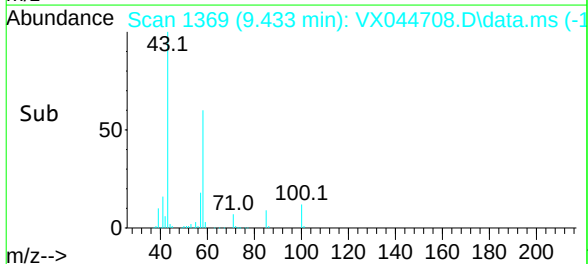
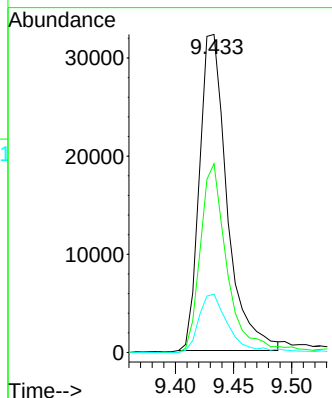
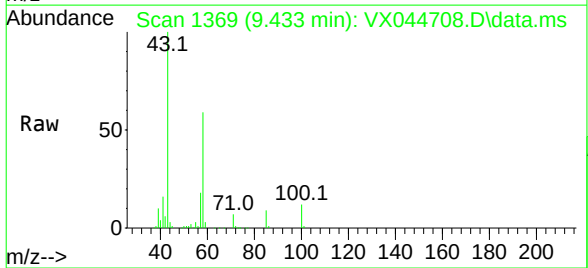
#59
2-Hexanone
Concen: 22.051 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 43	Resp: 53365
Ion Ratio	Lower Upper
43 100	
58 56.7	44.4 66.6
57 19.3	15.5 23.3

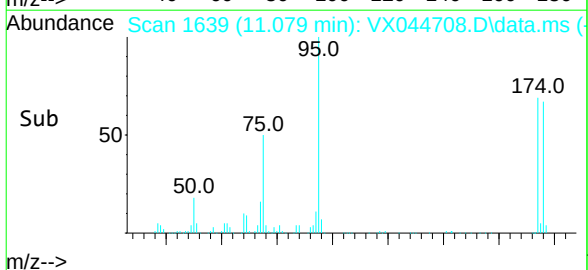
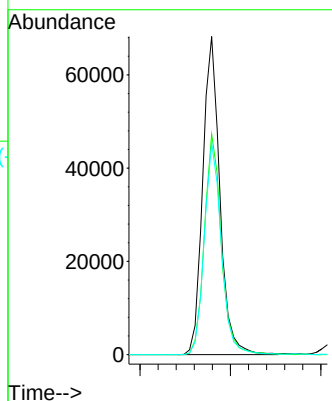
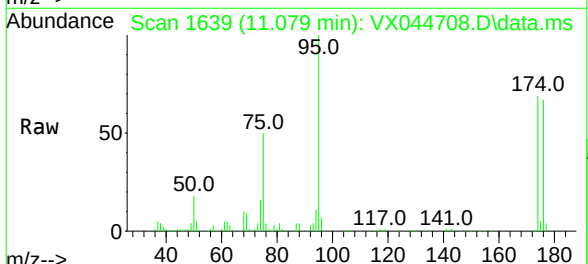
Manual Integrations
APPROVED

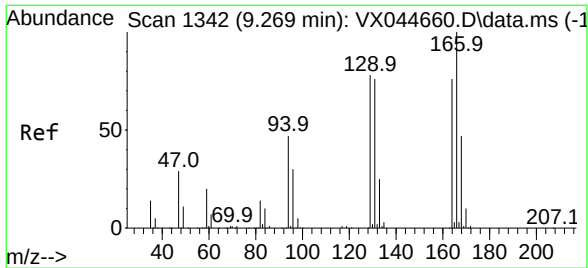
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#60
4-Bromofluorobenzene
Concen: 29.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

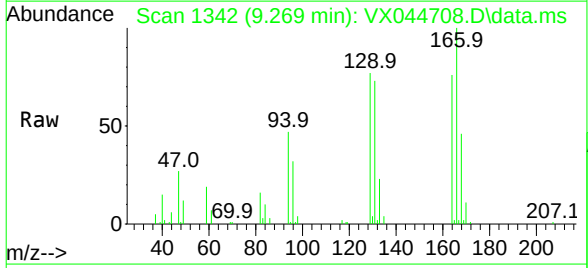
Tgt Ion: 95	Resp: 89499
Ion Ratio	Lower Upper
95 100	
174 69.0	54.6 81.8
176 66.5	52.8 79.2





#61
Tetrachloroethene
Concen: 4.924 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

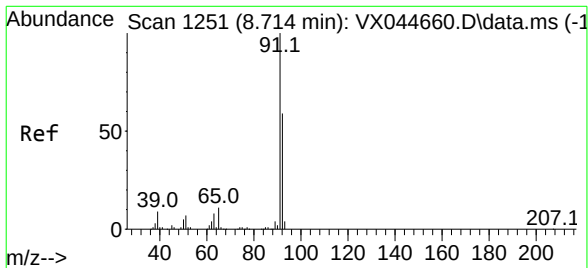
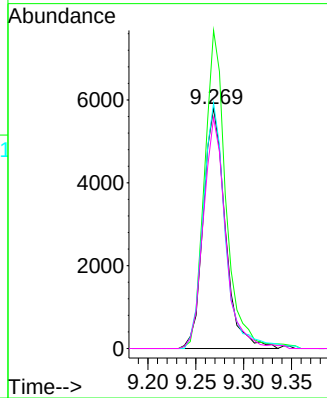
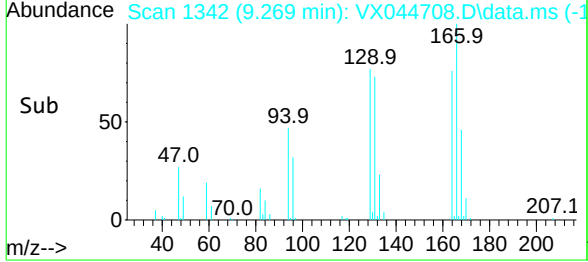
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



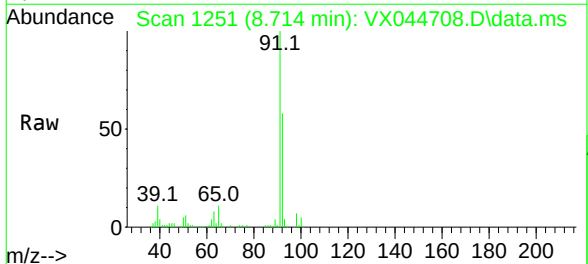
Tgt Ion: 164 Resp: 9263
Ion Ratio Lower Upper
164 100
166 132.3 105.6 158.4
129 102.2 82.8 124.2
131 96.0 80.2 120.4

Manual Integrations
APPROVED

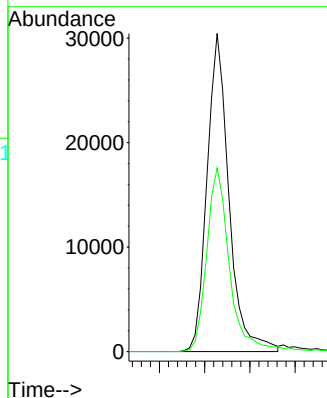
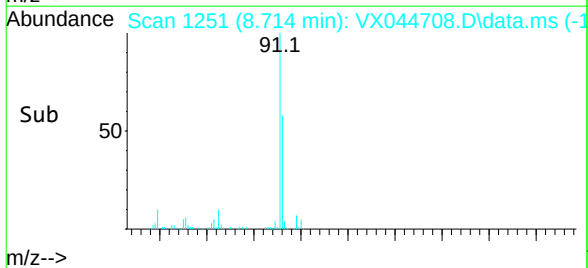
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

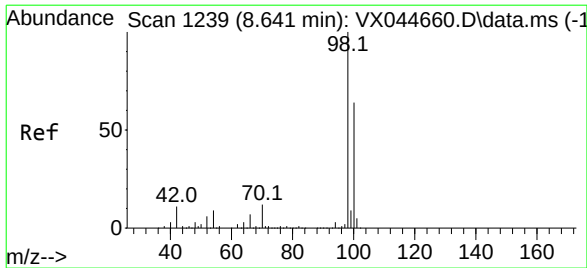


#62
Toluene
Concen: 4.958 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12



Tgt Ion: 91 Resp: 51197
Ion Ratio Lower Upper
91 100
92 60.2 47.3 70.9





#63

Toluene-d8

Concen: 30.586 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VX044708.D

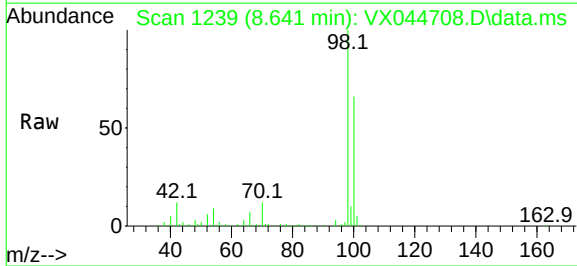
Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion: 98 Resp: 260887

Ion Ratio Lower Upper

98 100

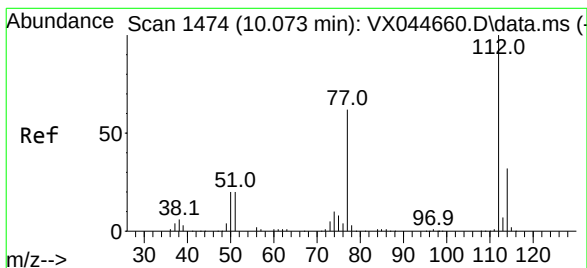
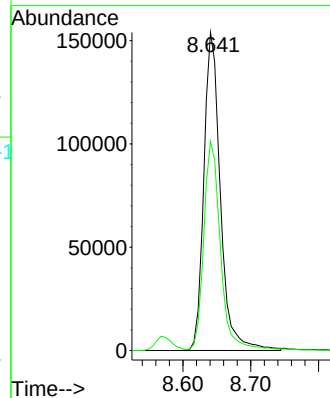
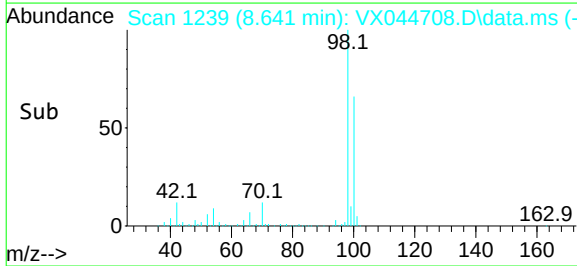
100 65.1 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#64

Chlorobenzene

Concen: 4.907 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.000 min

Lab File: VX044708.D

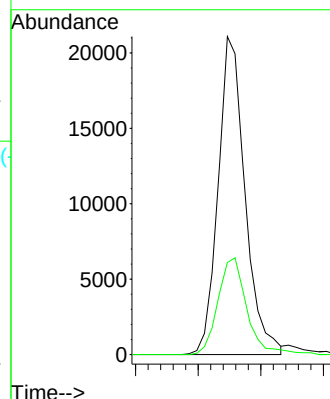
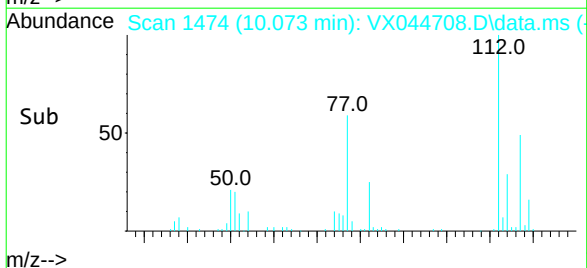
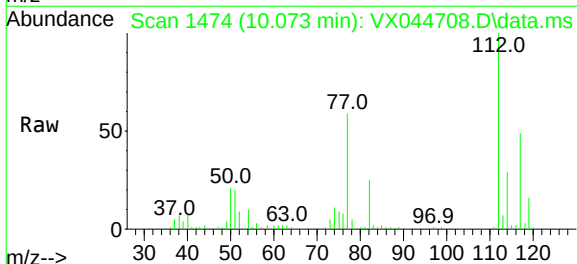
Acq: 23 Jan 2025 15:12

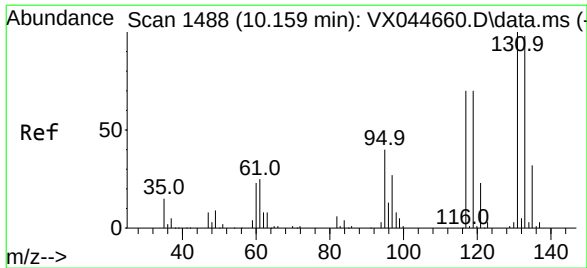
Tgt Ion:112 Resp: 31467

Ion Ratio Lower Upper

112 100

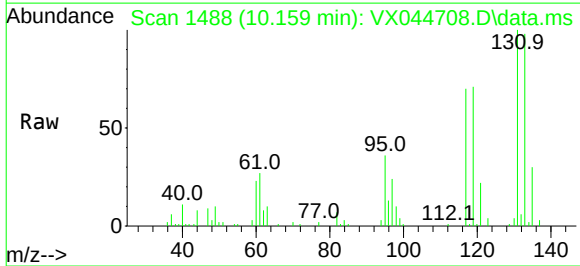
114 29.0 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 4.840 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

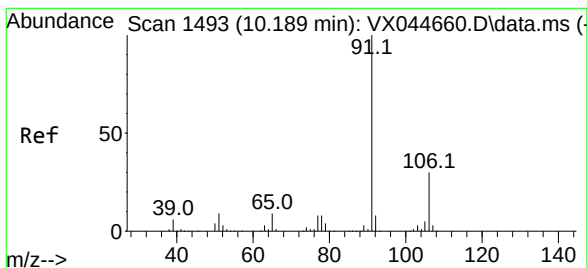
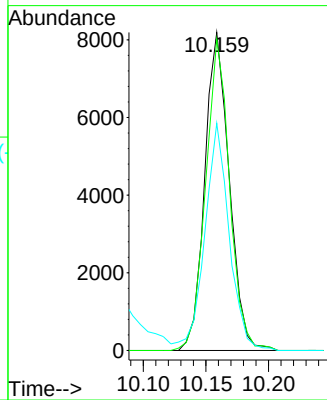
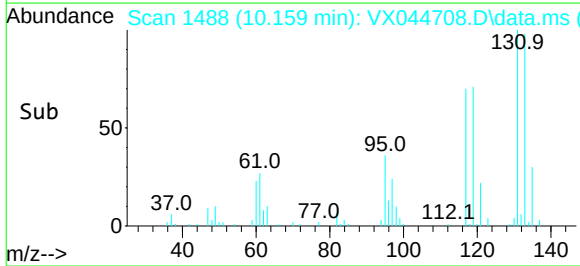
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 131 Resp: 11150
Ion Ratio Lower Upper
131 100
133 95.1 0.0 192.4
119 71.1 0.0 133.4

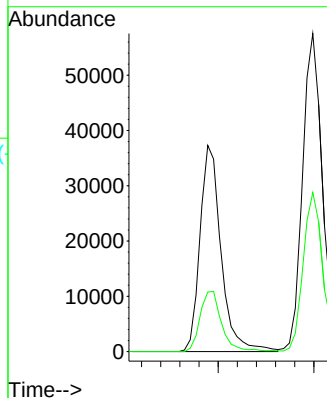
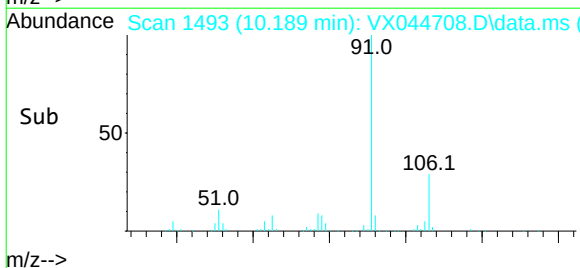
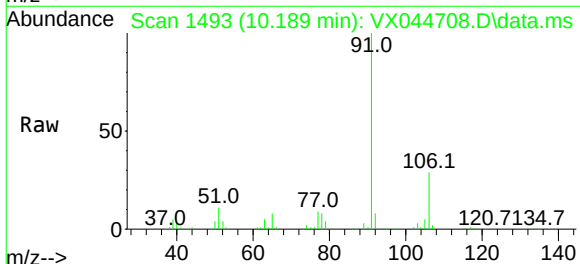
Manual Integrations
APPROVED

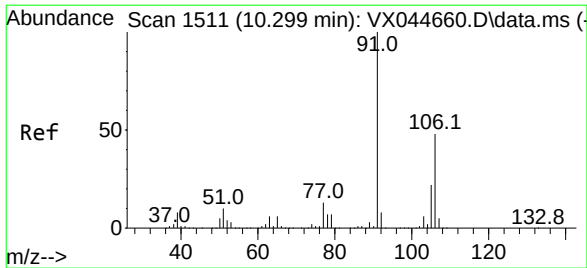
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#66
Ethyl Benzene
Concen: 5.073 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 91 Resp: 57166
Ion Ratio Lower Upper
91 100
106 28.9 24.0 36.0





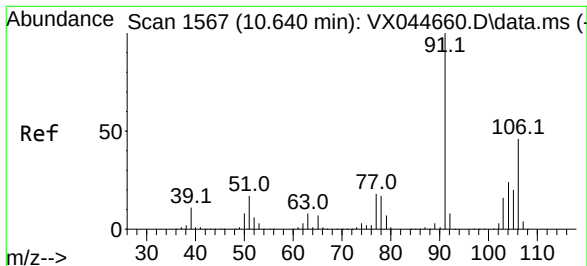
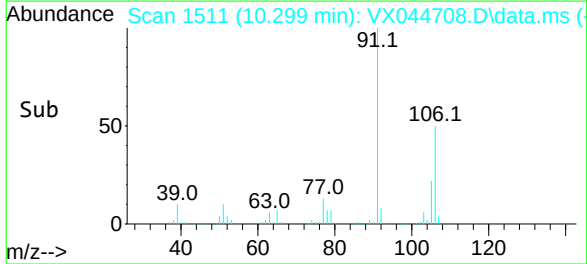
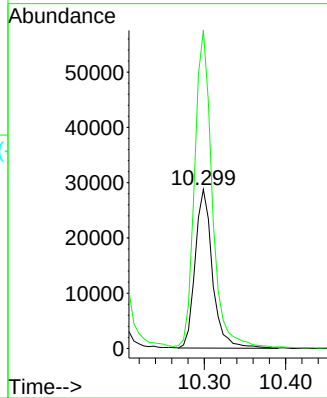
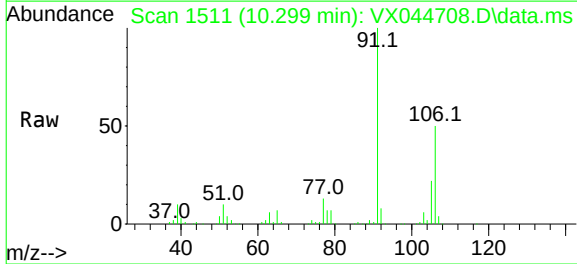
#67
m/p-Xylenes
Concen: 10.252 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:106 Resp: 42467
Ion Ratio Lower Upper
106 100
91 205.1 166.8 250.2

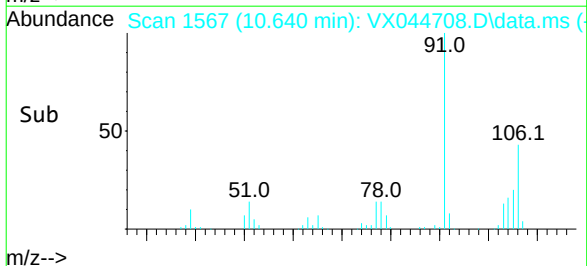
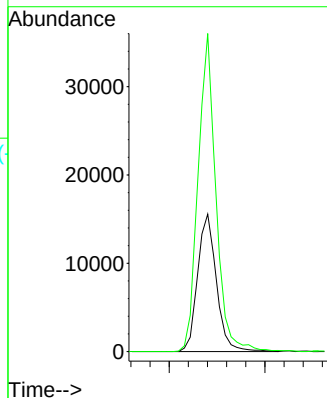
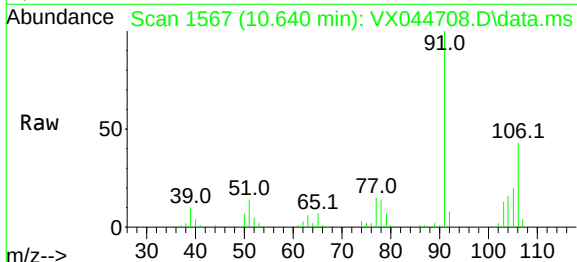
Manual Integrations
APPROVED

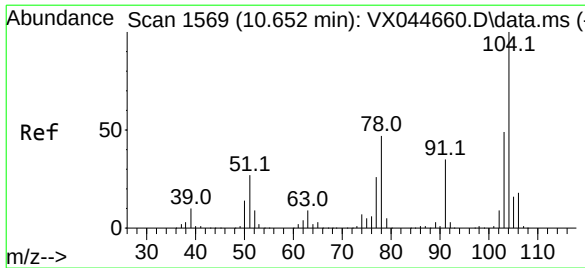
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#68
o-Xylene
Concen: 5.116 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion:106 Resp: 21270
Ion Ratio Lower Upper
106 100
91 219.9 109.7 329.1





#69

Styrene

Concen: 4.959 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

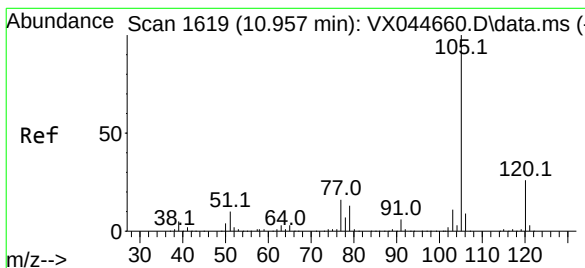
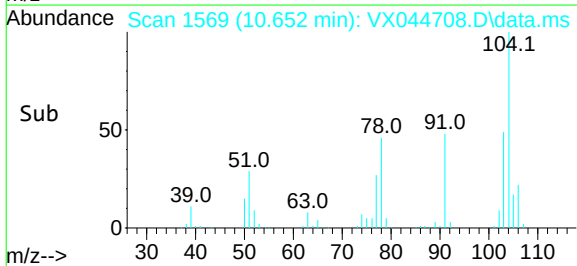
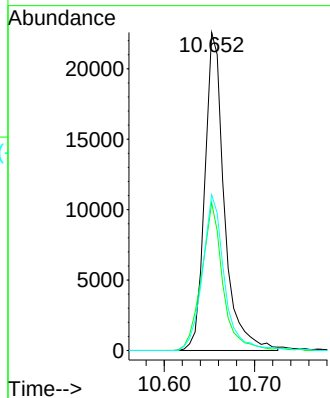
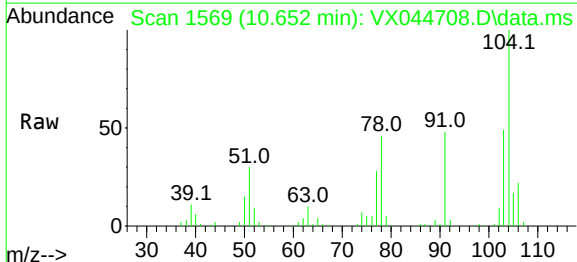
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:	104	Resp:	33852
Ion Ratio	Lower	Upper	
104	100		
78	50.5	42.0	63.0
103	54.8	43.1	64.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#70

Isopropylbenzene

Concen: 5.106 ug/l

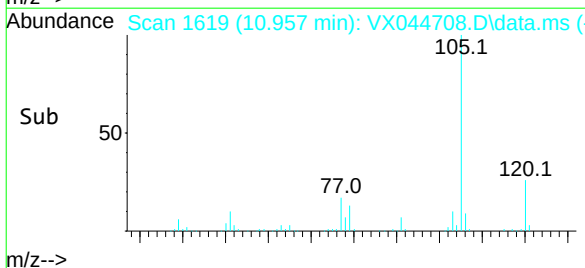
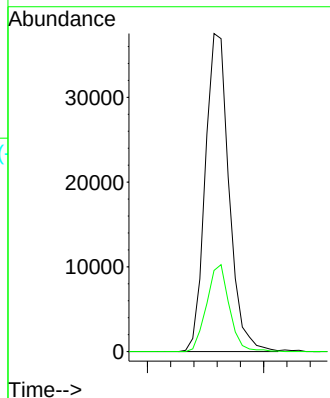
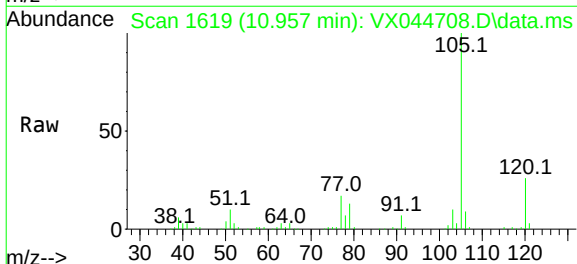
RT: 10.957 min Scan# 1619

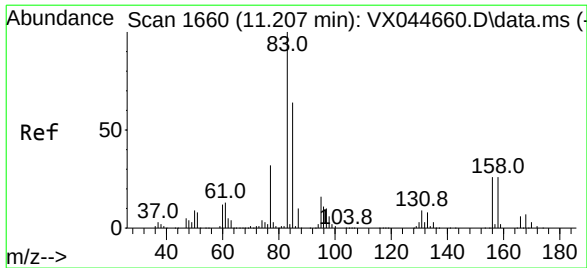
Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion:	105	Resp:	53366
Ion Ratio	Lower	Upper	
105	100		
120	26.1	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 5.068 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

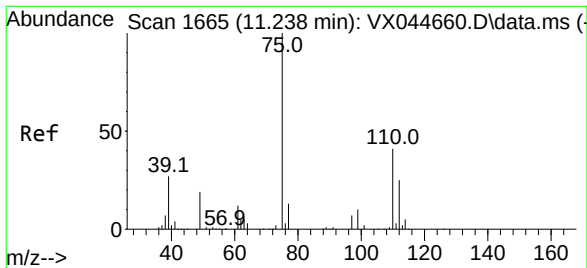
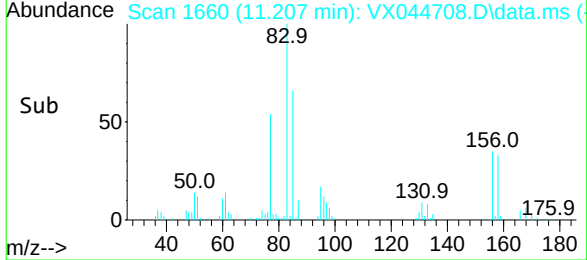
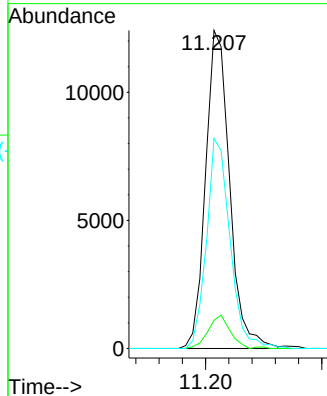
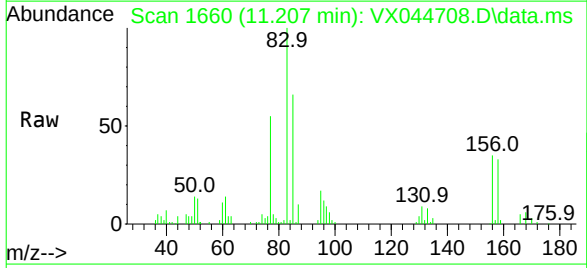
LOQ-WATER-02-QT1-2025

Tgt Ion:	83	Resp:	17808
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	64.7	33.0	99.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#72

1,2,3-Trichloropropane

Concen: 4.673 ug/l m

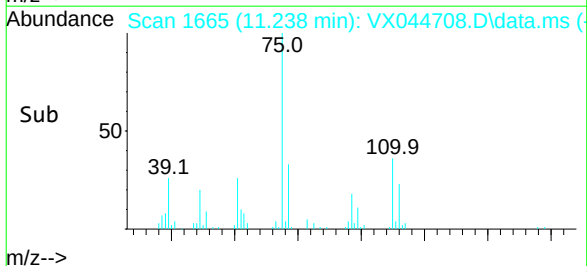
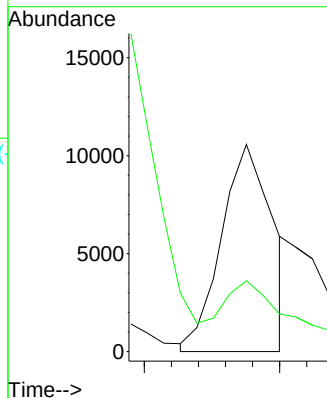
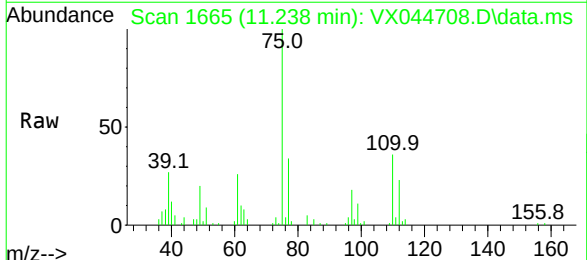
RT: 11.238 min Scan# 1665

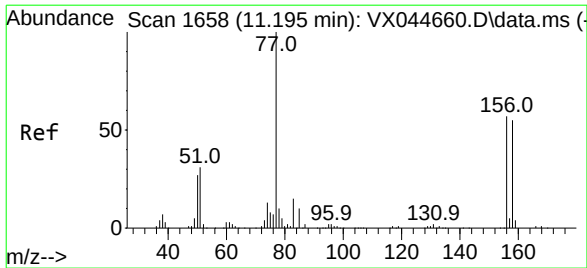
Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion:	75	Resp:	13814
Ion	Ratio	Lower	Upper
75	100		
77	47.9	0.0	83.0





#73

Bromobenzene

Concen: 4.986 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

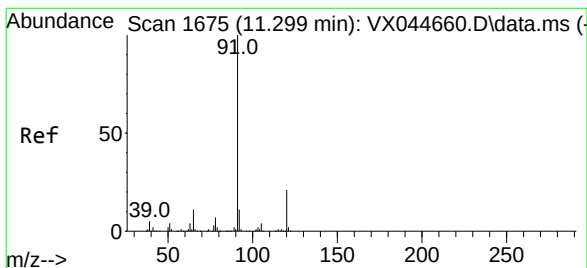
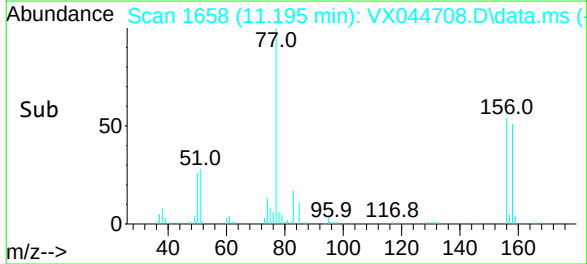
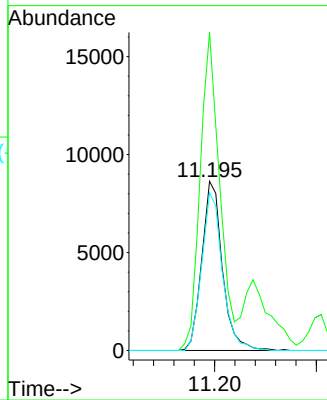
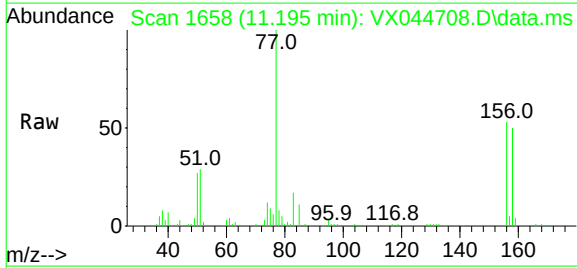
Tgt Ion:	156	Resp:	12139
Ion Ratio	Lower	Upper	
156	100		
77	177.4	0.0	354.6
158	94.2	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#74

n-propylbenzene

Concen: 5.103 ug/l

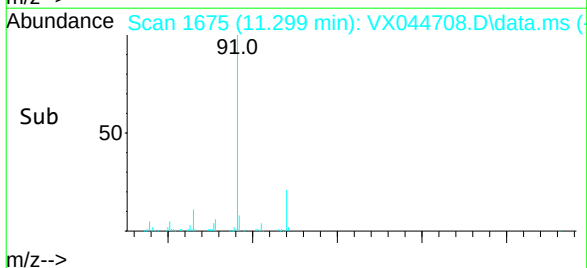
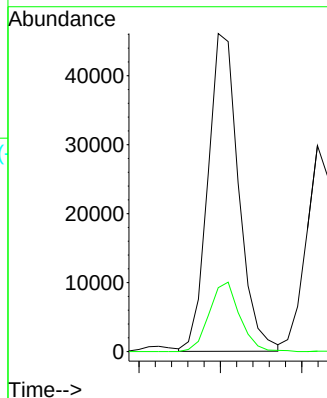
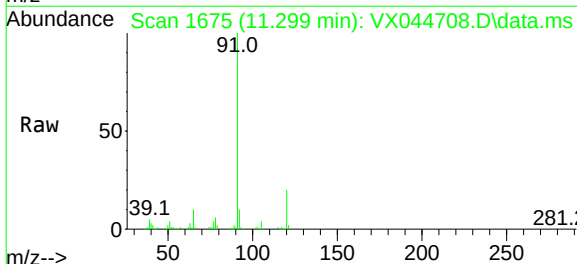
RT: 11.299 min Scan# 1675

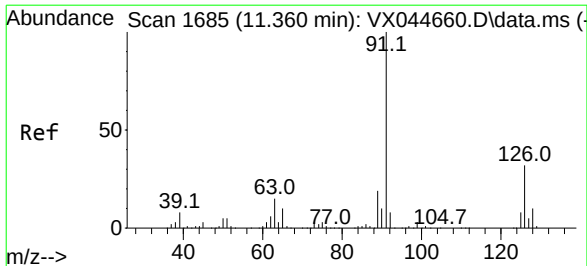
Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion:	91	Resp:	60577
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	45.0





#75

2-Chlorotoluene

Concen: 5.249 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

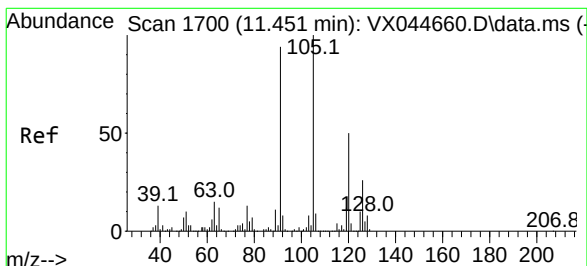
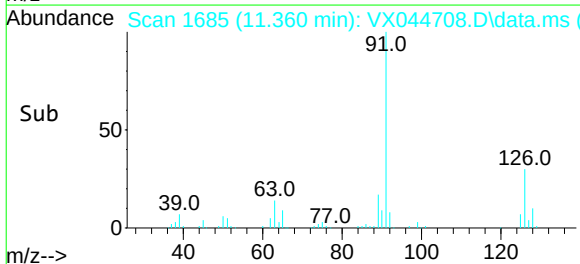
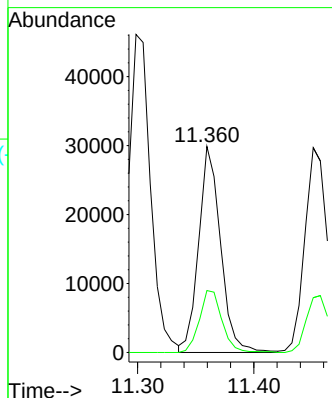
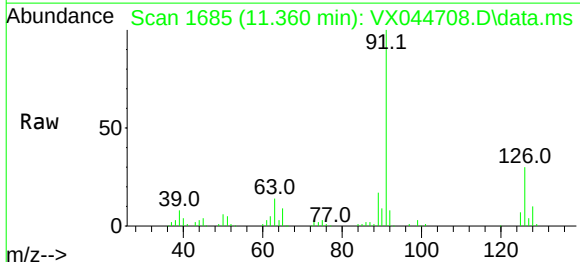
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 91 Resp: 39175
 Ion Ratio Lower Upper
 91 100
 126 31.0 0.0 64.0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#76

1,3,5-Trimethylbenzene

Concen: 5.225 ug/l

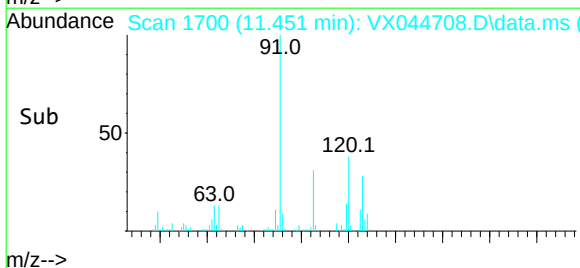
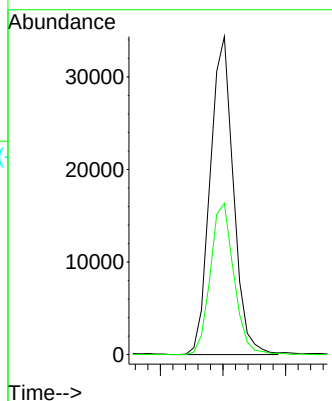
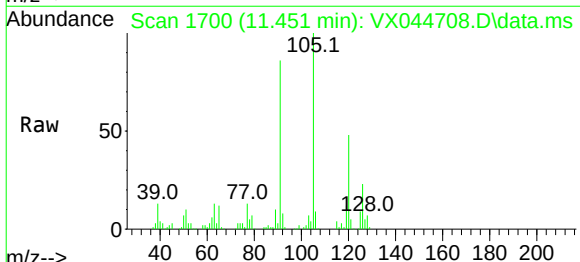
RT: 11.451 min Scan# 1700

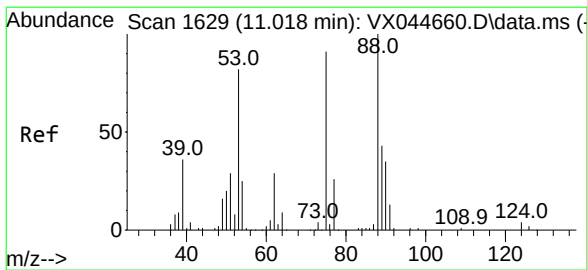
Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

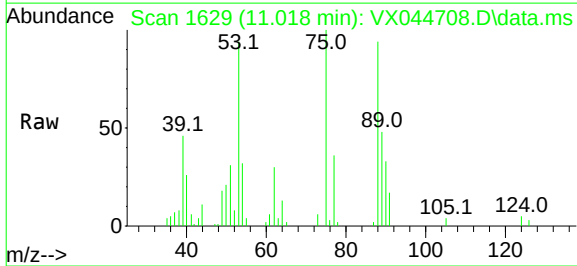
Tgt Ion:105 Resp: 44351
 Ion Ratio Lower Upper
 105 100
 120 48.1 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 4.183 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

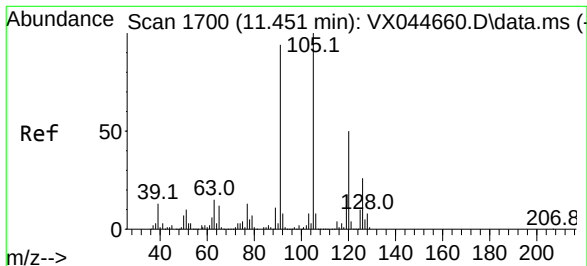
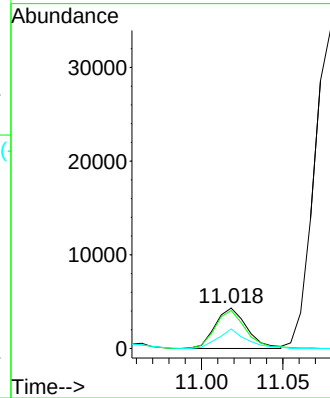
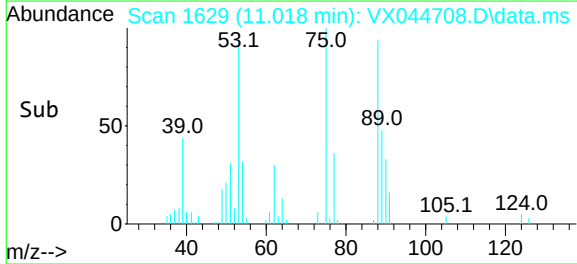
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 75 Resp: 5850
Ion Ratio Lower Upper
75 100
53 94.0 45.3 135.9
89 48.2 23.8 71.2

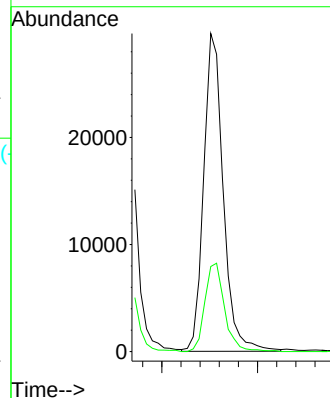
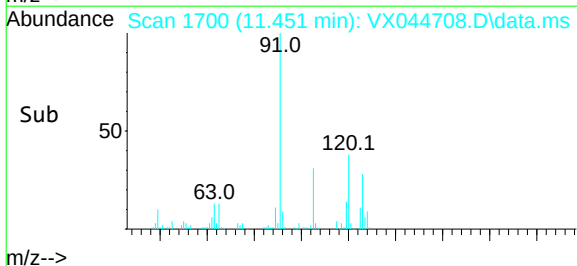
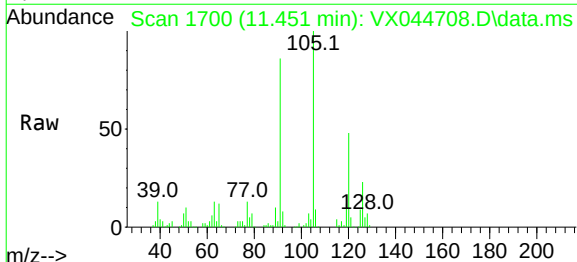
Manual Integrations
APPROVED

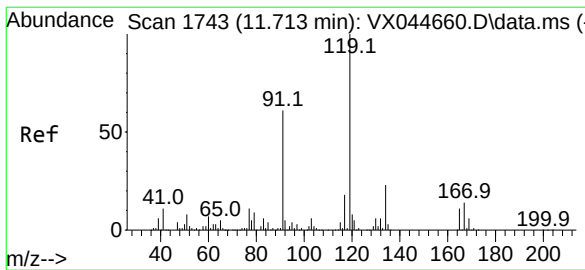
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#78
4-Chlorotoluene
Concen: 5.126 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion: 91 Resp: 42157
Ion Ratio Lower Upper
91 100
126 27.9 0.0 55.4





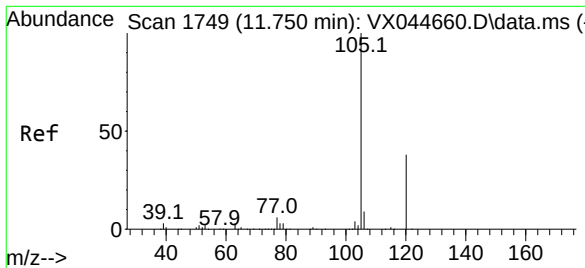
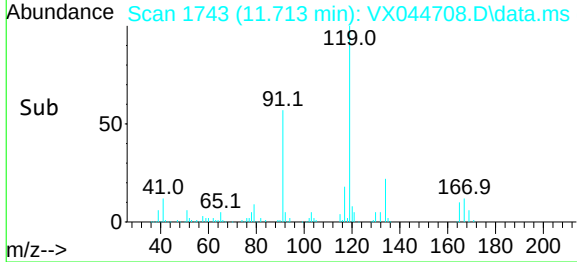
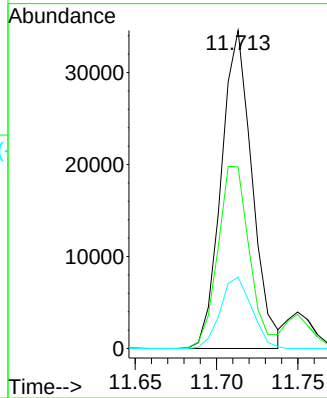
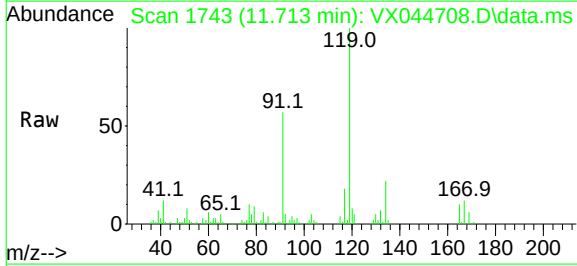
#79
tert-butylbenzene
Concen: 5.212 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:	119	Resp:	45449
Ion Ratio	Lower	Upper	
119	100		
91	58.1	0.0	119.0
134	22.9	0.0	44.8

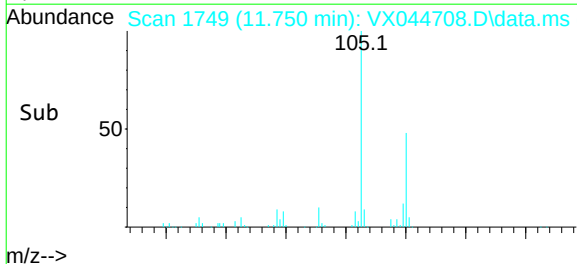
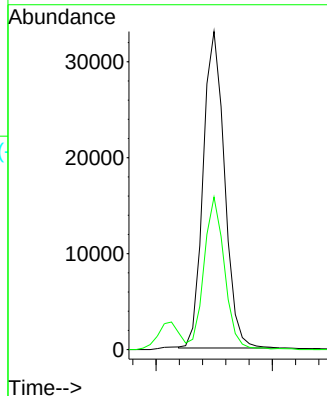
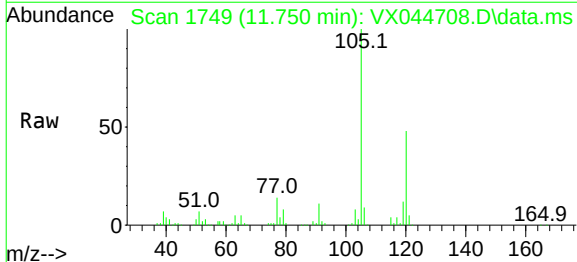
Manual Integrations
APPROVED

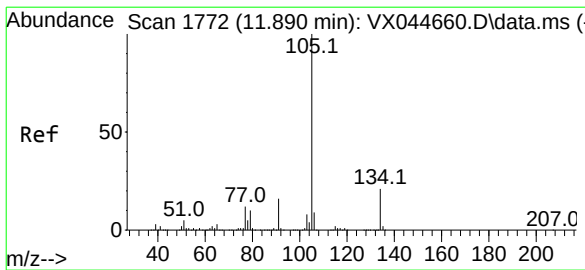
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 4.923 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion:	105	Resp:	42162
Ion Ratio	Lower	Upper	
105	100		
120	46.1	0.0	88.4





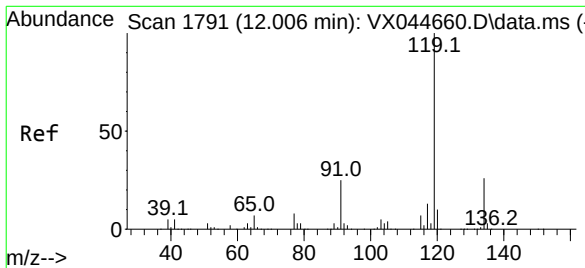
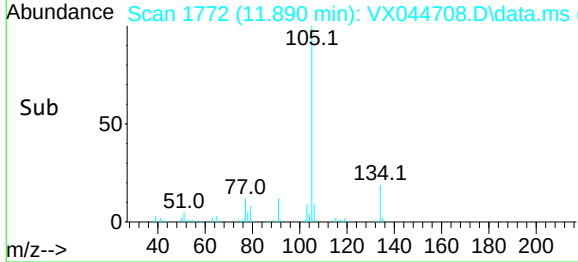
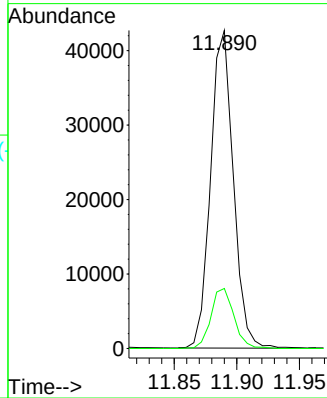
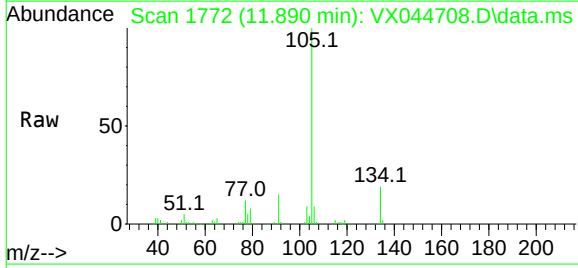
#81
sec-Butylbenzene
Concen: 5.169 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:105 Resp: 53821
Ion Ratio Lower Upper
105 100
134 19.1 0.0 39.6

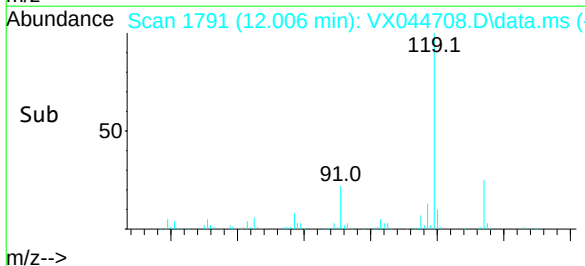
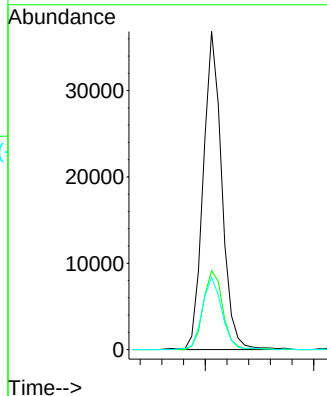
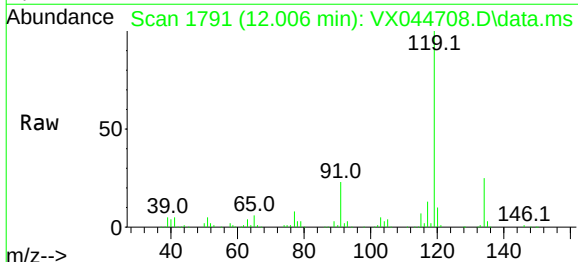
Manual Integrations
APPROVED

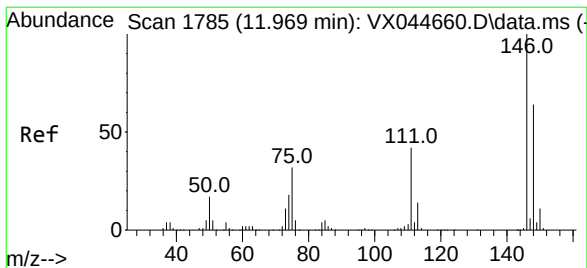
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#82
p-Isopropyltoluene
Concen: 5.107 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044708.D
Acq: 23 Jan 2025 15:12

Tgt Ion:119 Resp: 43761
Ion Ratio Lower Upper
119 100
134 25.9 0.0 52.2
91 23.9 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 4.966 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

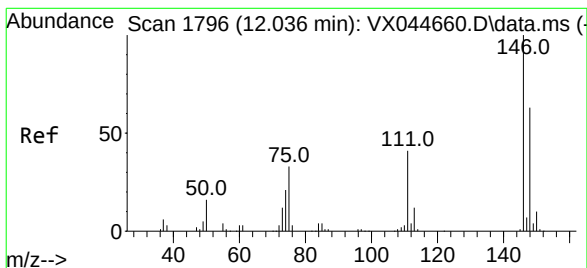
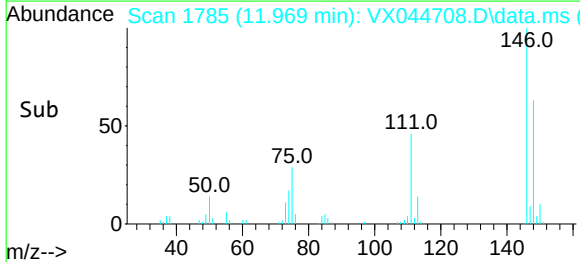
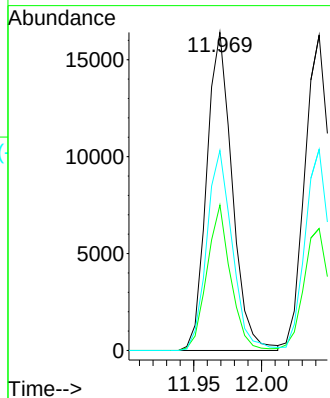
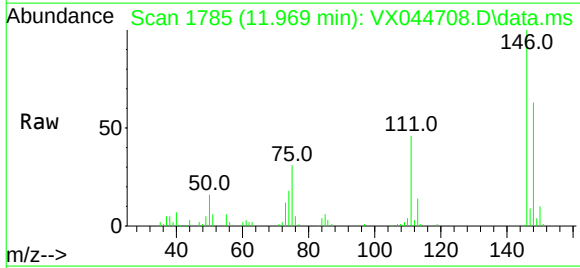
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:	146	Resp:	21475
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.6	64.6
148	62.8	31.6	94.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#84

1,4-Dichlorobenzene

Concen: 5.054 ug/l

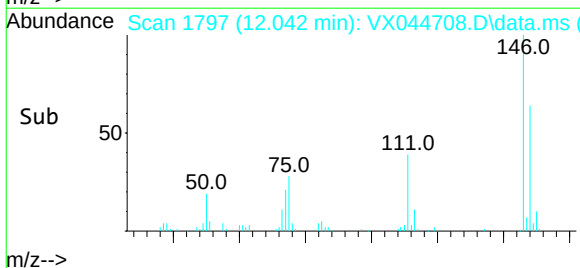
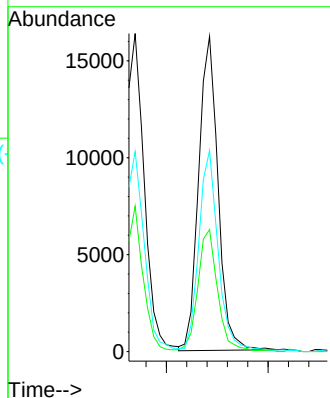
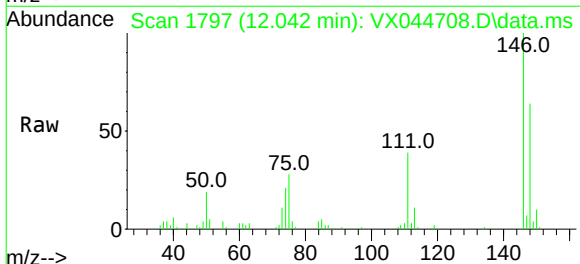
RT: 12.042 min Scan# 1797

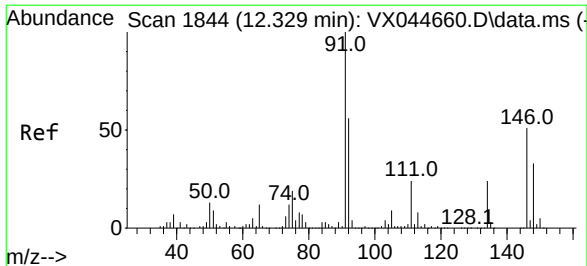
Delta R.T. 0.006 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion:	146	Resp:	21429
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.8	62.5
148	63.2	32.1	96.5





#85

n-Butylbenzene

Concen: 4.949 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

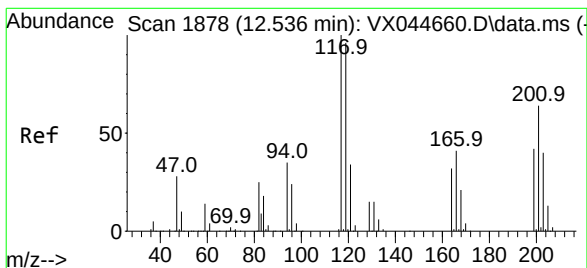
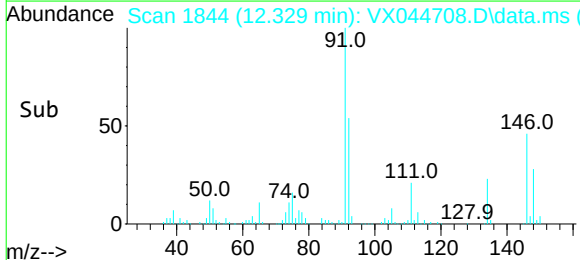
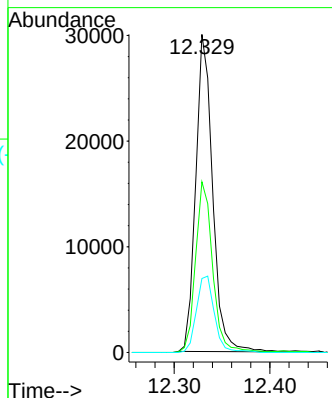
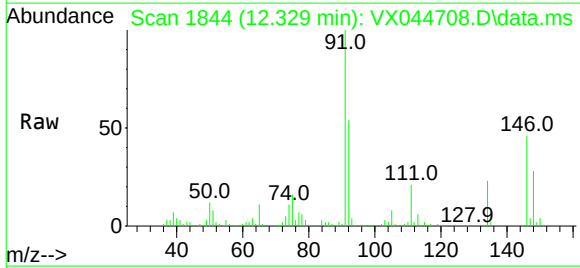
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:	91	Resp:	36763
Ion	Ratio	Lower	Upper
91	100		
92	54.7	0.0	109.4
134	25.7	0.0	49.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#86

Hexachloroethane

Concen: 4.822 ug/l

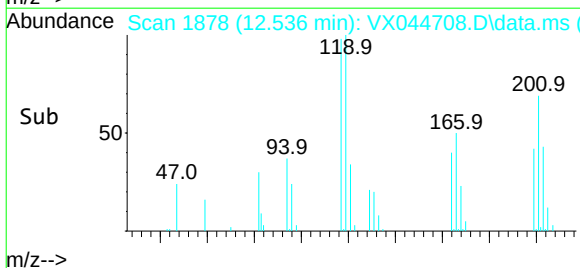
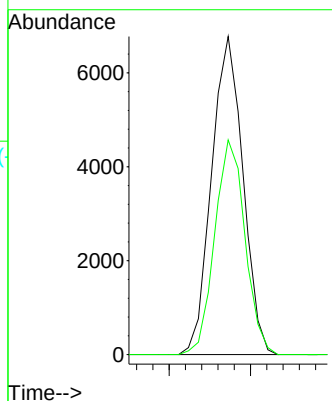
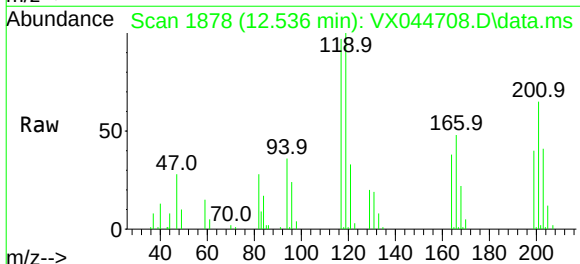
RT: 12.536 min Scan# 1878

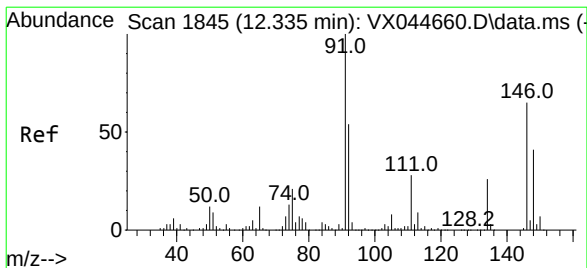
Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion:	117	Resp:	9090
Ion	Ratio	Lower	Upper
117	100		
201	65.0	33.0	98.9





#87

1,2-Dichlorobenzene

Concen: 5.053 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

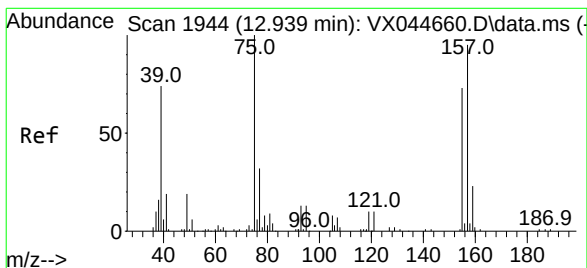
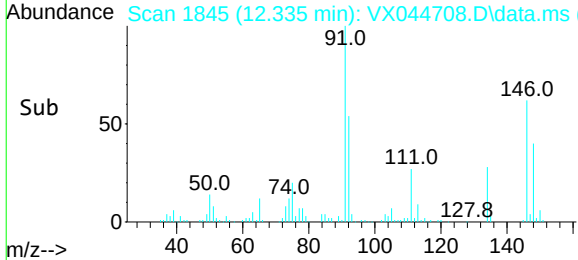
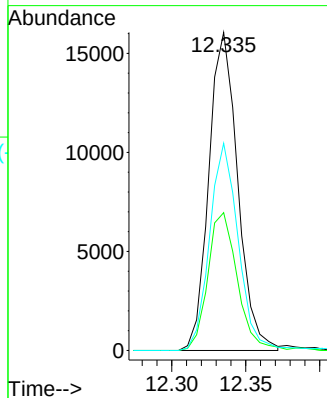
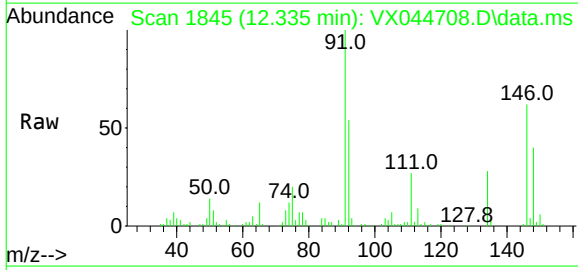
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:	146	Resp:	21822
Ion Ratio	Lower	Upper	
146	100		
111	44.2	22.2	66.6
148	64.4	32.1	96.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.219 ug/l

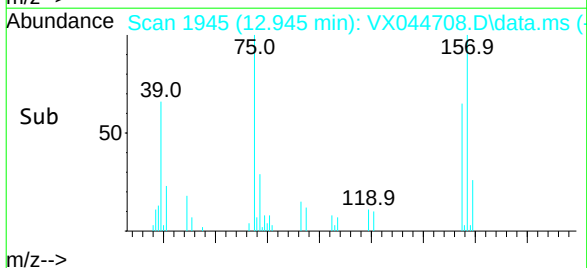
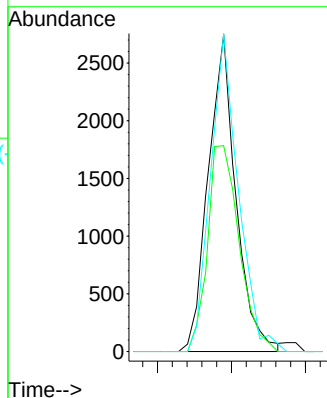
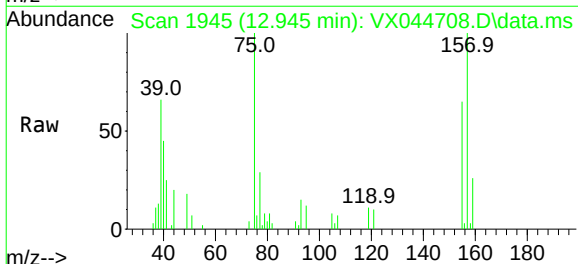
RT: 12.945 min Scan# 1945

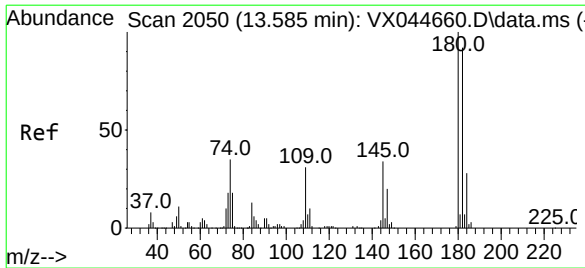
Delta R.T. 0.006 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion:	75	Resp:	3570
Ion Ratio	Lower	Upper	
75	100		
155	74.2	62.3	93.5
157	98.9	79.9	119.9





#89

1,2,4-Trichlorobenzene

Concen: 4.734 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

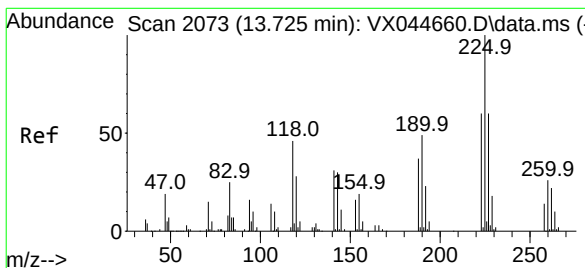
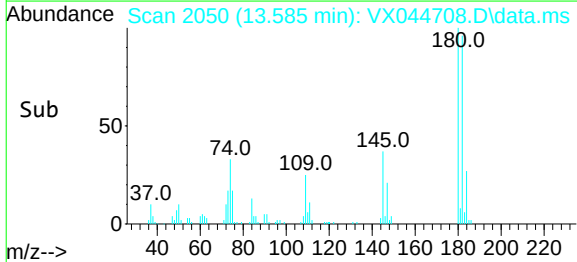
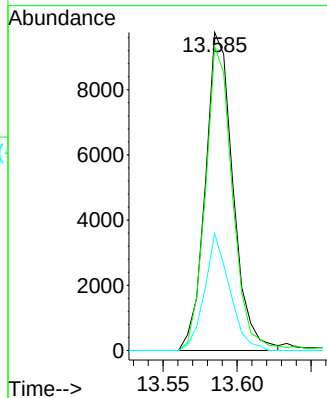
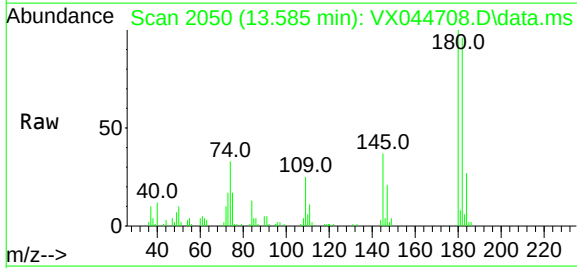
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:	180	Resp:	12705
Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.6	113.4
145	33.1	26.6	40.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#90

Hexachlorobutadiene

Concen: 5.161 ug/l

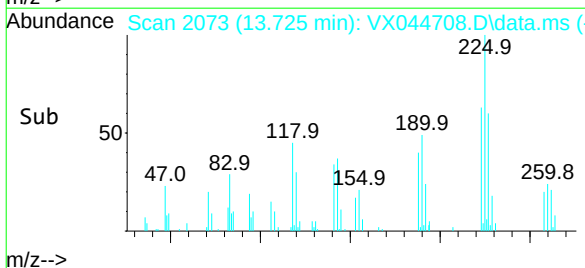
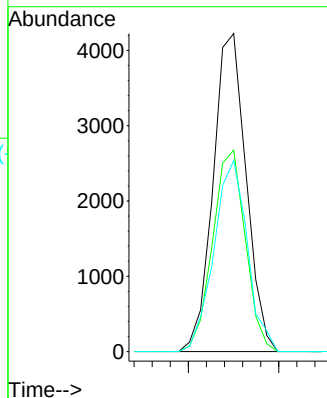
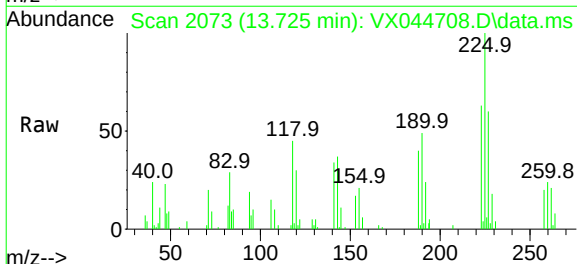
RT: 13.725 min Scan# 2073

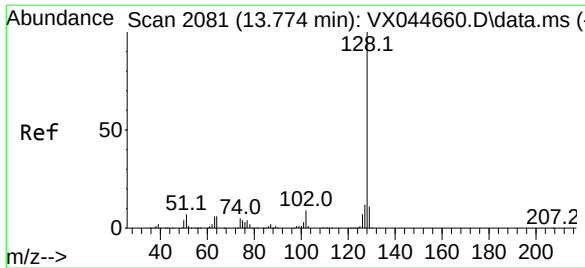
Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion:	225	Resp:	5358
Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	123.0
227	60.9	0.0	124.2





#91

Naphthalene

Concen: 4.543 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

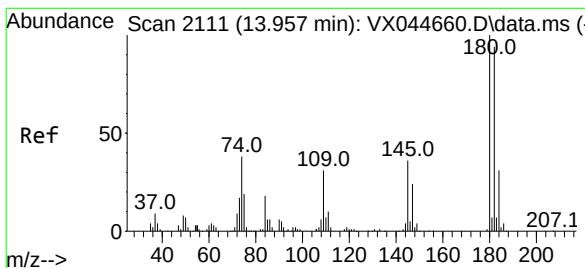
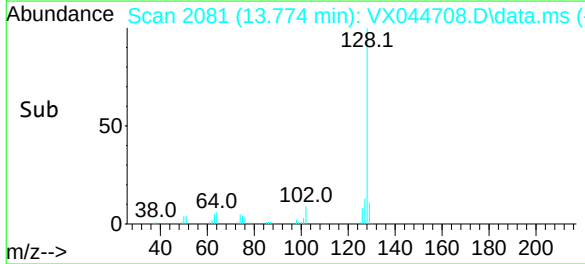
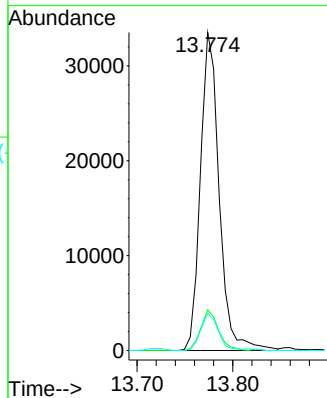
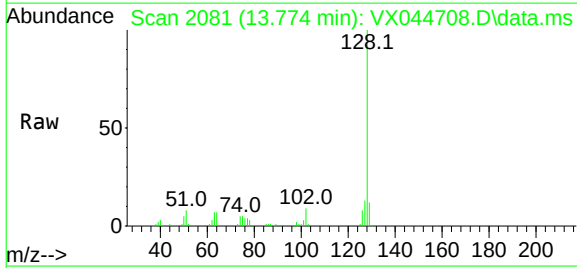
LOQ-WATER-02-QT1-2025

Tgt Ion:	128	Resp:	45616
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.4
129	10.9	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#92

1,2,3-Trichlorobenzene

Concen: 4.785 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044708.D

Acq: 23 Jan 2025 15:12

Tgt Ion:	180	Resp:	13061
Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	187.8
145	35.2	0.0	69.8

