

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044707.D
 Acq On : 23 Jan 2025 14:43
 Operator : JC/MD
 Sample : Q1168-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Jan 24 05:00:48 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	4.885	128	33279	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	180891	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	161225	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.940	65	87981	27.385	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	91.300%	
60) 4-Bromofluorobenzene	11.079	95	91410	29.190	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	97.300%	
63) Toluene-d8	8.641	98	265973	30.331	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.100%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	6443m	2.178	ug/l	
3) Chloromethane	1.295	50	7801	2.506	ug/l	91
4) Vinyl Chloride	1.374	62	7811	2.565	ug/l	94
5) Bromomethane	1.593	94	2069	2.811	ug/l	90
6) Chloroethane	1.673	64	10012m	20.735	ug/l	
7) Trichlorofluoromethane	1.874	101	8137	2.440	ug/l	97
8) Diethyl Ether	2.130	74	2971	2.309	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	6035	2.526	ug/l	92
10) 1,1-Dichloroethene	2.313	96	6504	2.646	ug/l	94
11) Methyl Iodide	2.447	142	6988	2.051	ug/l	94
12) Methyl Acetate	2.697	43	7803	2.174	ug/l	96
13) Acrolein	2.233	56	5129	12.924	ug/l	92
14) Acrylonitrile	3.056	53	15883	12.146	ug/l	99
15) Acetone	2.374	58	4438	12.648	ug/l	76
16) Carbon Disulfide	2.502	76	19167	2.806	ug/l	98
17) Allyl chloride	2.654	41	11317	2.553	ug/l	99
18) Methylene Chloride	2.782	84	7230	2.628	ug/l	93
19) trans-1,2-Dichloroethene	3.081	96	6671	2.729	ug/l	97
20) Diisopropyl ether	3.745	45	21383	2.658	ug/l #	58
21) 1,1-Dichloroethane	3.605	63	12133	2.542	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	7351	2.430	ug/l	96
23) tert-Butyl Alcohol	2.947	59	9459m	14.955	ug/l	
24) Methyl tert-Butyl Ether	3.105	73	20555	2.413	ug/l	100
25) Chloroform	5.080	83	11808	2.490	ug/l	99
26) Cyclohexane	5.452	56	11706	2.918	ug/l #	95
29) 1,1-Dichloropropene	5.690	75	8239m	2.619	ug/l	
30) 2-Butanone	4.562	43	20530	11.878	ug/l #	85
31) 2,2-Dichloropropane	4.459	77	10977	2.521	ug/l #	67
32) 1,1,1-Trichloroethane	5.361	97	10181m	2.442	ug/l	
33) Carbon Tetrachloride	5.660	117	8249	2.345	ug/l	92
34) Benzene	6.025	78	25988	2.589	ug/l	95
35) Methacrylonitrile	4.916	41	4463	2.310	ug/l	89
36) 1,2-Dichloroethane	6.086	62	8264	2.303	ug/l #	94
37) Trichloroethene	7.123	130	6375m	2.630	ug/l	
38) Methylcyclohexane	7.367	83	11380	2.662	ug/l	100
39) 1,2-Dichloropropane	7.421	63	6293	2.514	ug/l	99
40) Dibromomethane	7.574	93	4701	2.526	ug/l	96
41) Bromodichloromethane	7.818	83	9449	2.459	ug/l	90
42) Vinyl Acetate	3.715	43	85962	12.524	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	7691m	2.268	ug/l	
44) Isopropyl Acetate	6.330	43	13184	2.165	ug/l #	86
45) 1,4-Dioxane	7.678	88	2427	41.845	ug/l #	96
46) Methyl methacrylate	7.696	41	7072m	2.372	ug/l	
47) n-amyl Acetate	10.842	43	11998	2.347	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	9440	2.327	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	10521	2.419	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	5889	2.457	ug/l	98
51) Ethyl methacrylate	9.116	69	9735	2.338	ug/l	97
52) 1,3-Dichloropropane	9.305	76	10722	2.587	ug/l	99
53) Dibromochloromethane	9.513	129	7025	2.453	ug/l	98
54) 1,2-Dibromoethane	9.604	107	6111	2.412	ug/l	96
55) 2-Chloroethyl vinyl ether	8.238	63	22999	11.384	ug/l	98
56) Bromoform	10.799	173	4474	2.356	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	40290	11.856	ug/l	98
59) 2-Hexanone	9.433	43	28657	11.518	ug/l	100
61) Tetrachloroethene	9.269	164	5078	2.626	ug/l	95
62) Toluene	8.714	91	27937	2.632	ug/l	96
64) Chlorobenzene	10.073	112	16779	2.545	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	5967	2.519	ug/l	93
66) Ethyl Benzene	10.189	91	30045	2.593	ug/l	97
67) m/p-Xylenes	10.299	106	22811	5.356	ug/l	97
68) o-Xylene	10.640	106	11522	2.696	ug/l	98
69) Styrene	10.653	104	17749	2.529	ug/l	96
70) Isopropylbenzene	10.957	105	28243	2.628	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	9336	2.585	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	6785m	2.233	ug/l	
73) Bromobenzene	11.195	156	5997	2.396	ug/l	91
74) n-propylbenzene	11.299	91	31873	2.612	ug/l	99
75) 2-Chlorotoluene	11.360	91	20561	2.680	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	23367	2.678	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	2880	2.003	ug/l	97
78) 4-Chlorotoluene	11.451	91	21750	2.573	ug/l	98
79) tert-butylbenzene	11.713	119	24056	2.683	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	23289	2.645	ug/l	100
81) sec-Butylbenzene	11.884	105	29044	2.713	ug/l	99
82) p-Isopropyltoluene	12.006	119	23467	2.664	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	11539	2.595	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	11670	2.677	ug/l	96
85) n-Butylbenzene	12.329	91	18937	2.480	ug/l	97
86) Hexachloroethane	12.536	117	5039	2.600	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	11726	2.641	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	1792	2.060	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	6756	2.449	ug/l	96
90) Hexachlorobutadiene	13.719	225	3078	2.884	ug/l	99
91) Naphthalene	13.774	128	24473	2.371	ug/l	98
92) 1,2,3-Trichlorobenzene	13.957	180	7014	2.499	ug/l	94

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

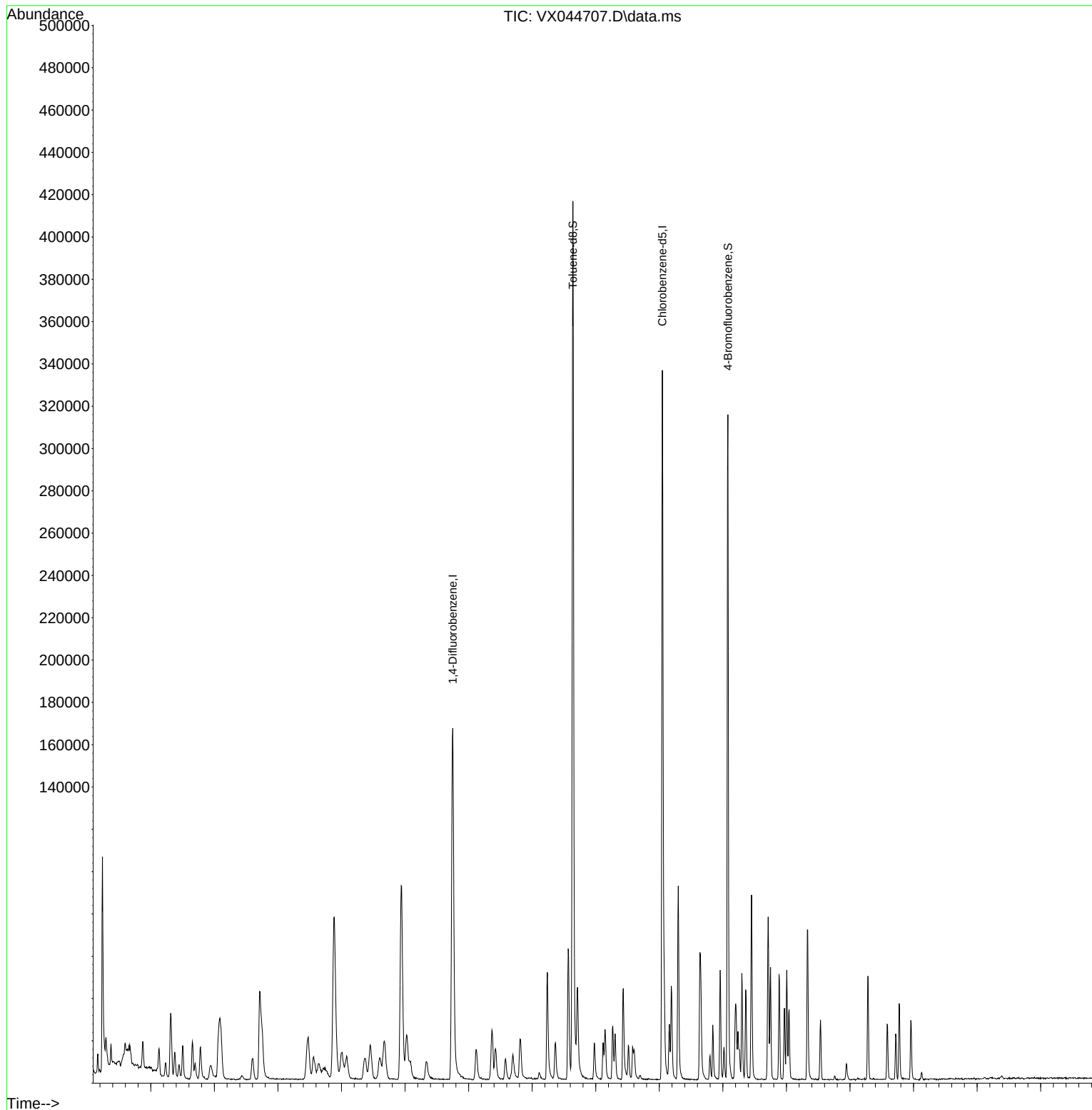
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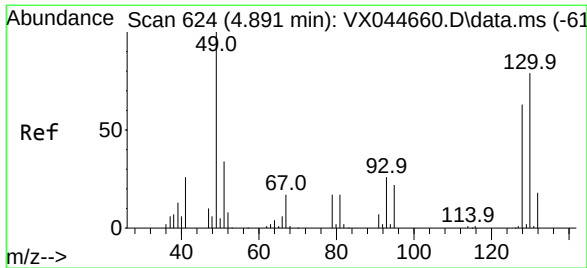
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MSVOA_X
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LOD-MDL-WATER-01-QT1-2025

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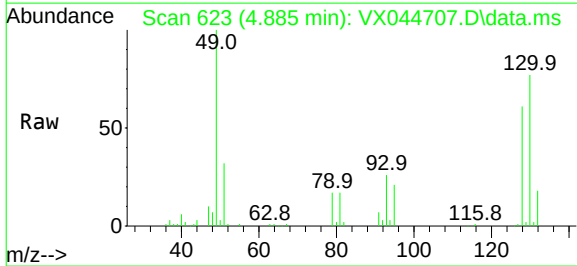
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

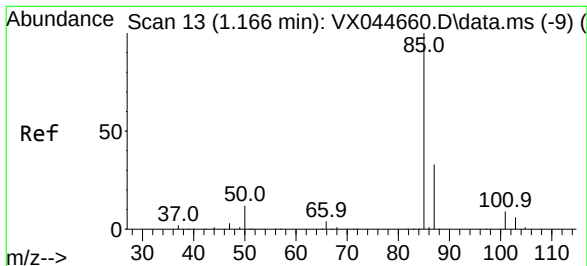
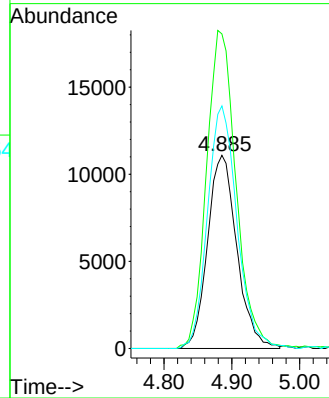
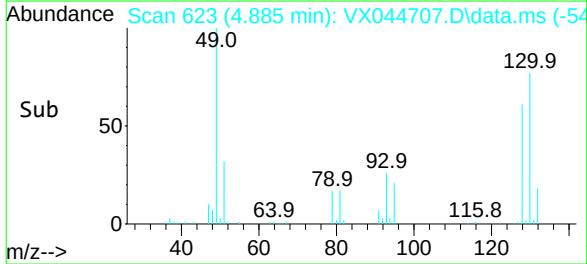
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:128 Resp: 33279
Ion Ratio Lower Upper
128 100
49 165.7 0.0 411.5
130 126.5 0.0 324.3

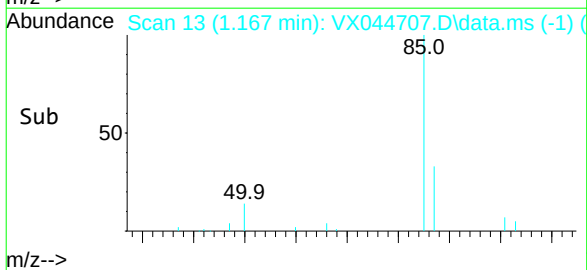
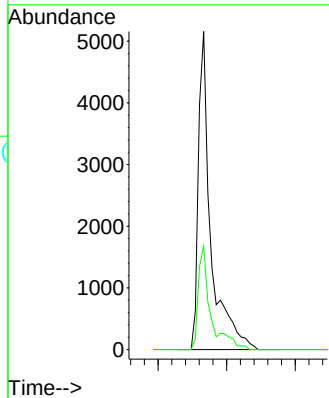
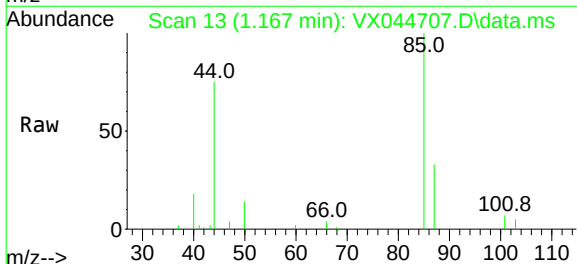
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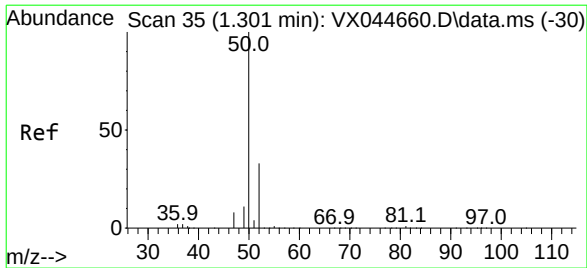
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#2
Dichlorodifluoromethane
Concen: 2.178 ug/l m
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

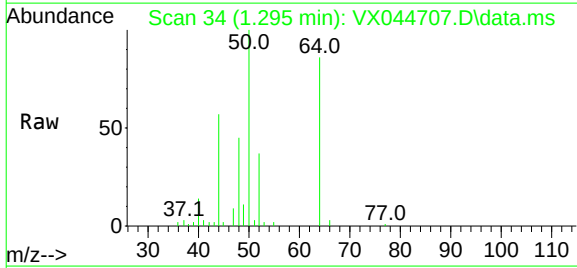
Tgt Ion: 85 Resp: 6443
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





#3
Chloromethane
Concen: 2.506 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

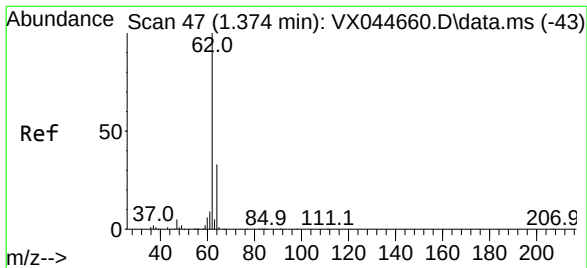
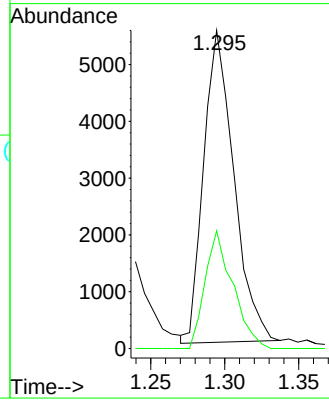
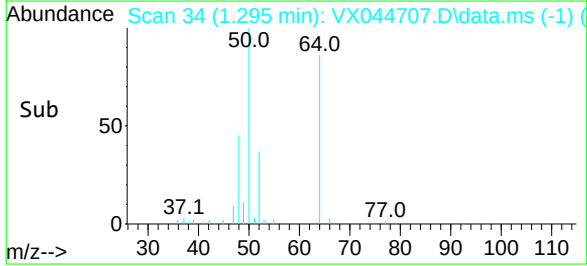
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 50 Resp: 7801
Ion Ratio Lower Upper
50 100
52 38.0 26.5 39.7

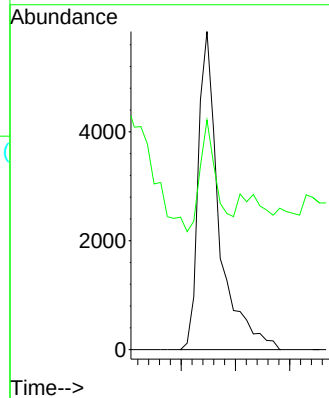
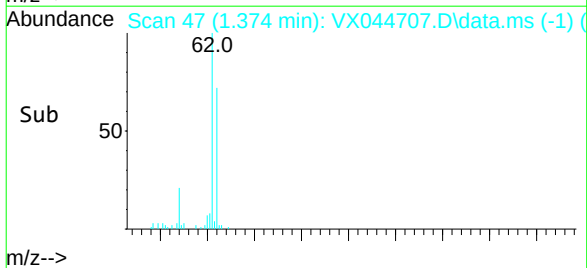
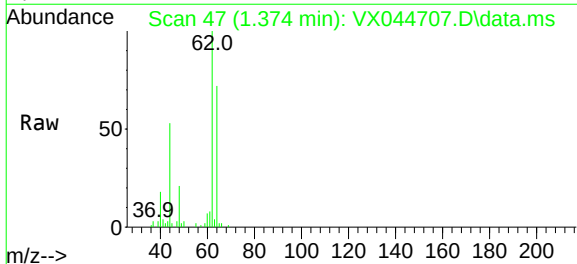
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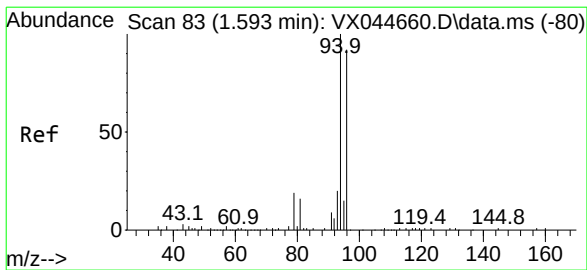
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#4
Vinyl Chloride
Concen: 2.565 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

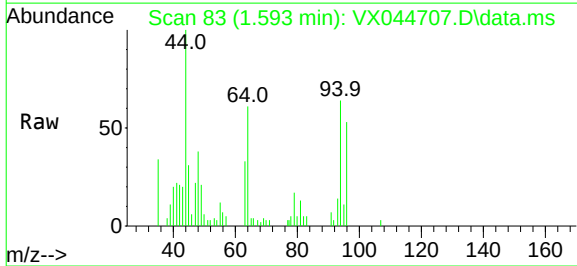
Tgt Ion: 62 Resp: 7811
Ion Ratio Lower Upper
62 100
64 30.5 27.3 40.9





#5
Bromomethane
Concen: 2.811 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

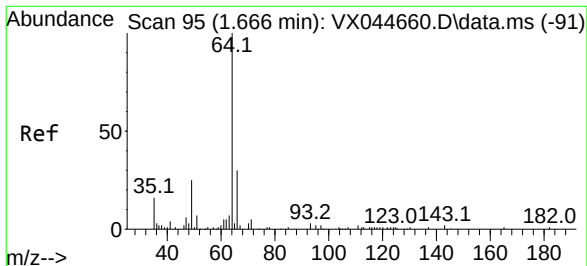
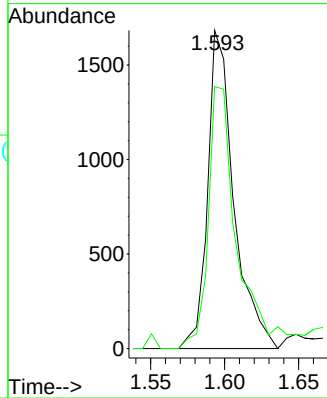
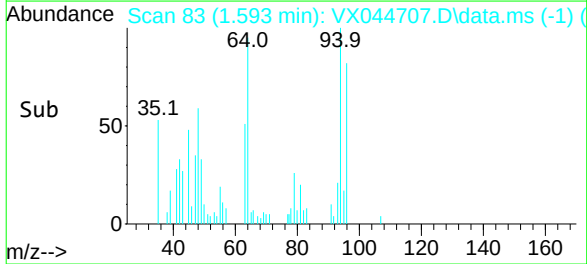
Instrument : MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 2069
Ion Ratio Lower Upper
94 100
96 82.4 73.3 109.9

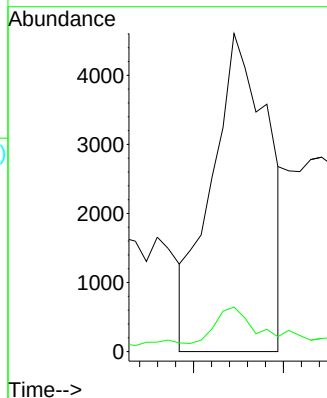
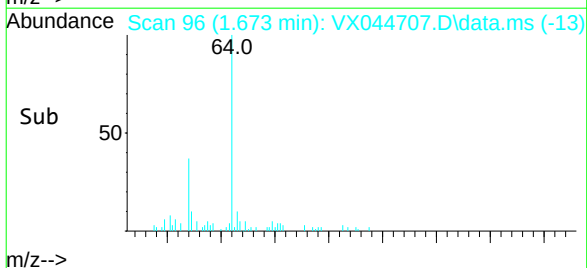
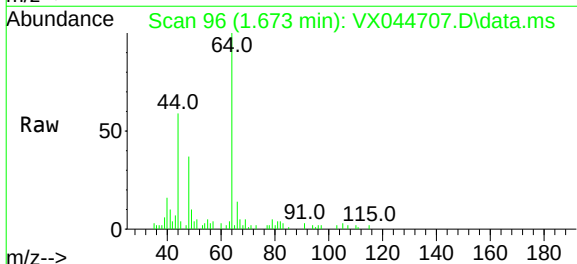
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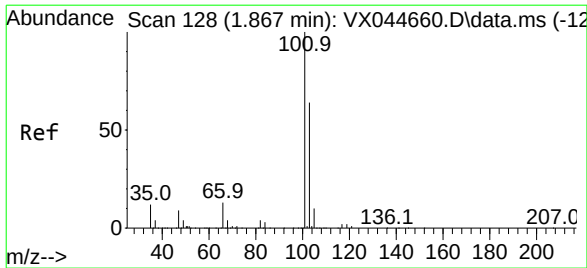
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#6
Chloroethane
Concen: 20.735 ug/l m
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044707.D
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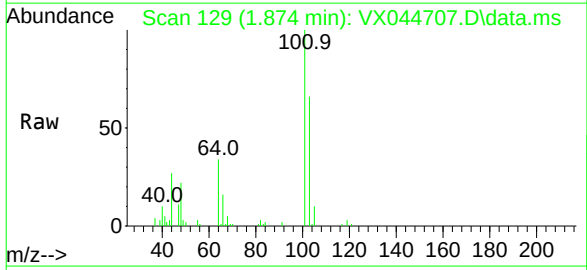
Tgt Ion: 64 Resp: 10012
Ion Ratio Lower Upper
64 100
66 14.0 23.8 35.6#





#7
 Trichlorofluoromethane
 Concen: 2.440 ug/l
 RT: 1.874 min Scan# 128
 Delta R.T. 0.006 min
 Lab File: VX044707.D
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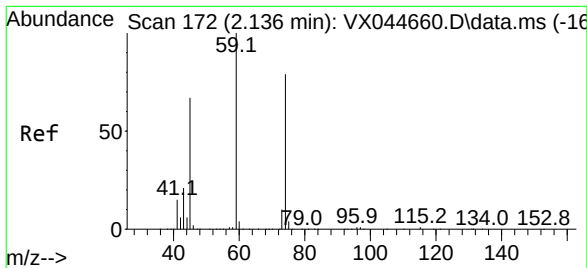
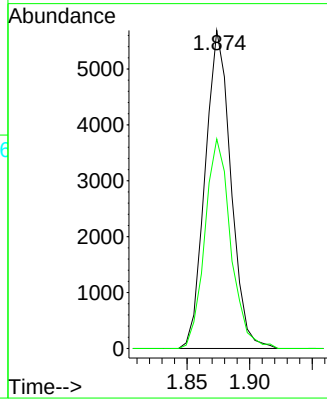
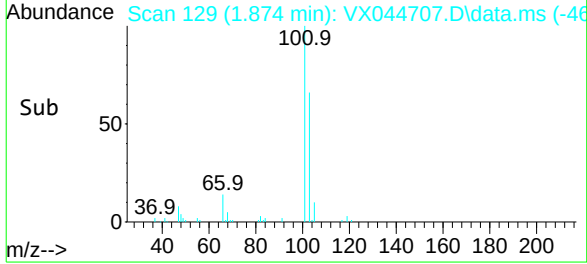
Instrument : MSVOA_X
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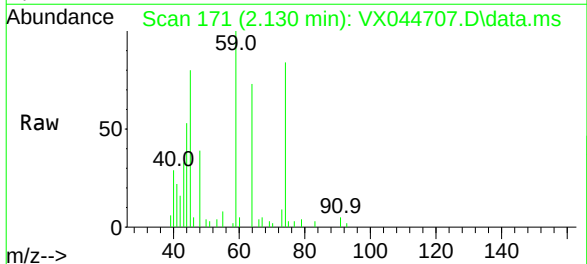
Tgt Ion: 101 Resp: 8137
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.1 76.7

Manual Integrations
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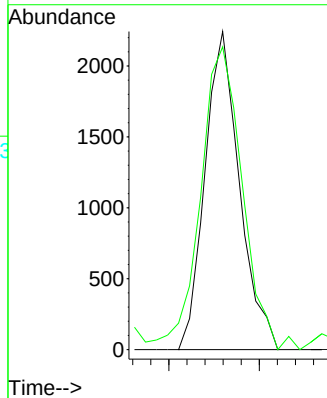
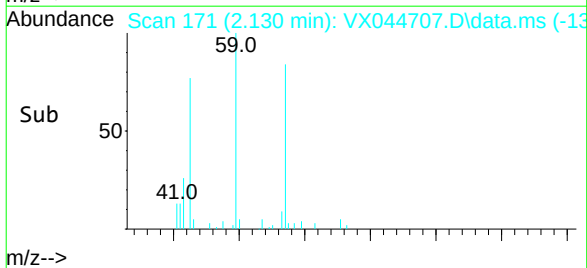
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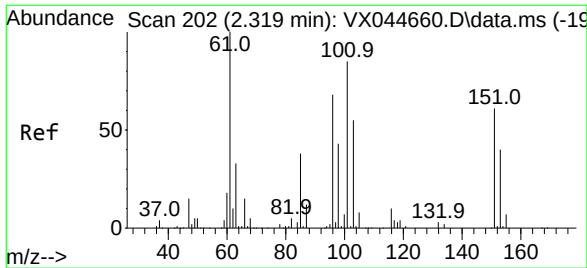


#8
 Diethyl Ether
 Concen: 2.309 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 2971
 Ion Ratio Lower Upper
 74 100
 45 114.6 18.8 168.8





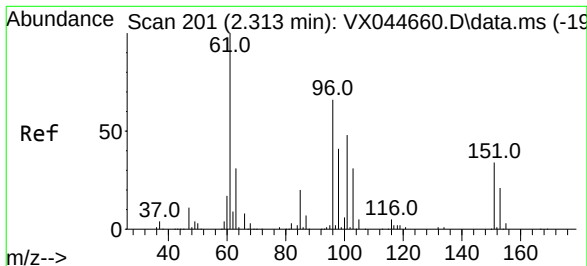
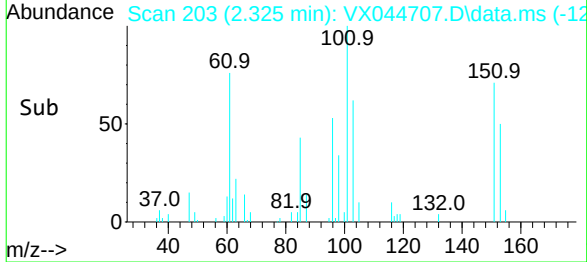
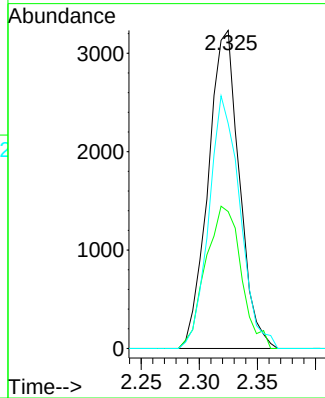
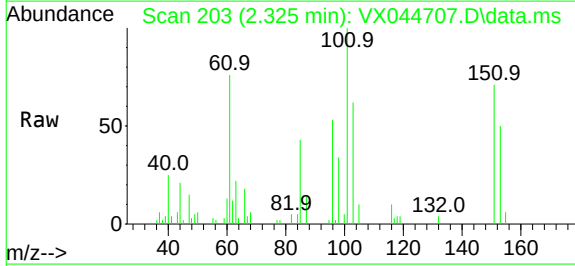
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.526 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044707.D
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:101 Resp: 6035
Ion Ratio Lower Upper
101 100
85 50.8 0.0 88.0
151 79.1 0.0 147.0

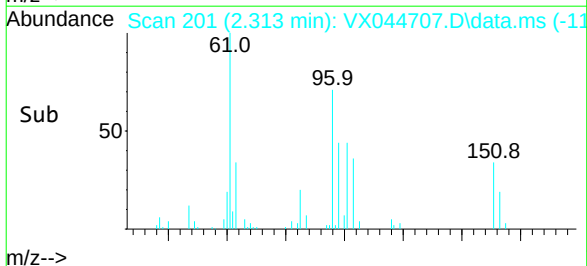
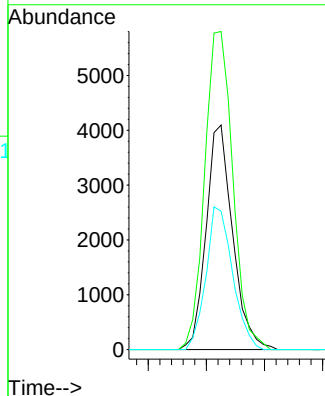
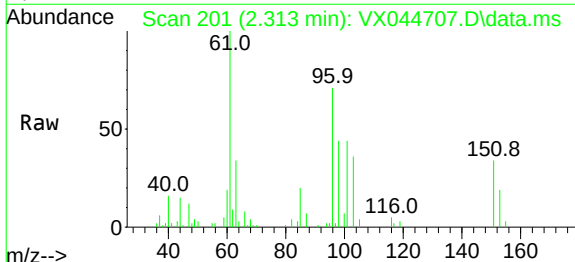
Manual Integrations
APPROVED

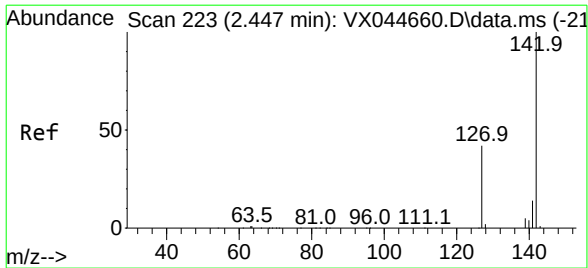
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#10
1,1-Dichloroethene
Concen: 2.646 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

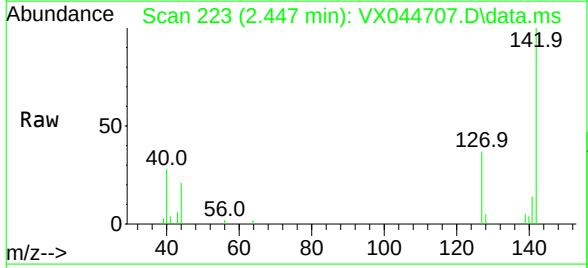
Tgt Ion: 96 Resp: 6504
Ion Ratio Lower Upper
96 100
61 141.7 121.6 182.4
98 61.6 50.3 75.5





#11
Methyl Iodide
Concen: 2.051 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

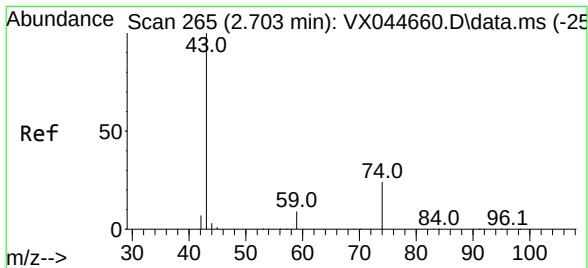
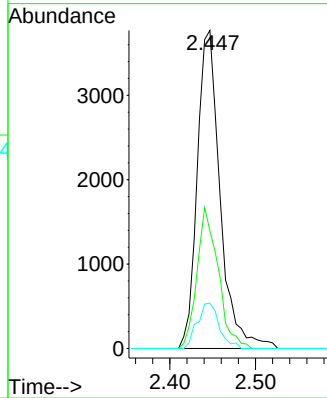
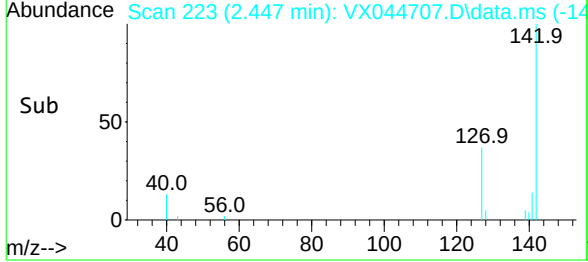
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 142 Resp: 6988
Ion Ratio Lower Upper
142 100
127 37.1 20.8 62.4
141 14.2 7.0 20.9

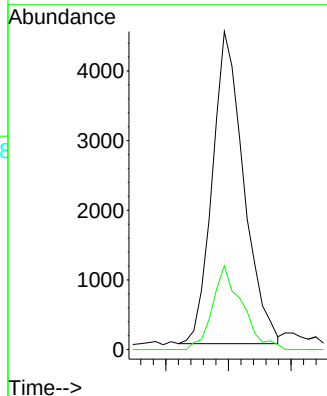
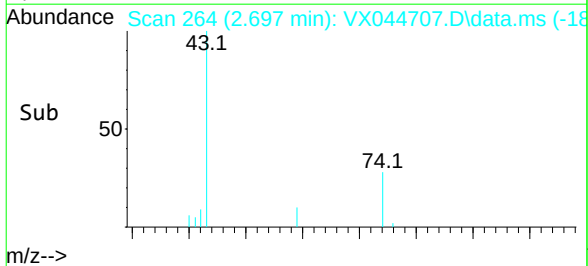
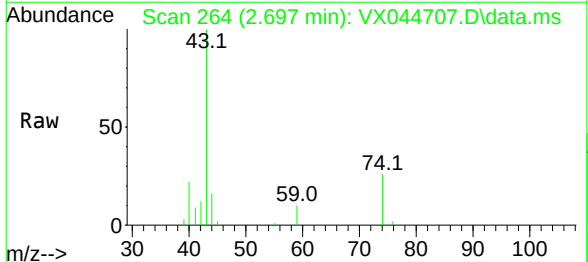
Manual Integrations
APPROVED

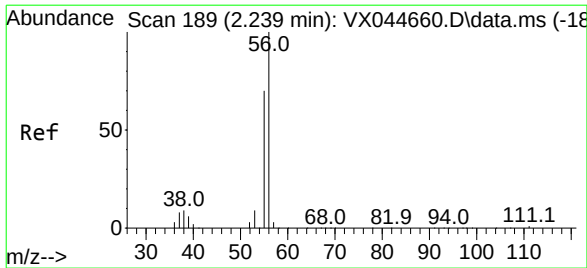
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#12
Methyl Acetate
Concen: 2.174 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion: 43 Resp: 7803
Ion Ratio Lower Upper
43 100
74 26.3 19.4 29.2





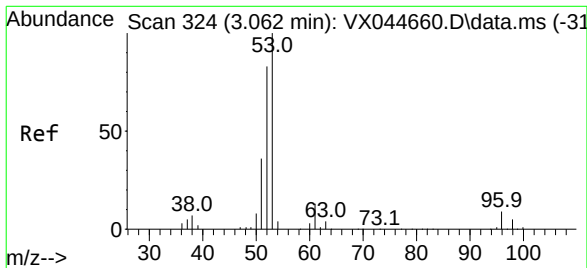
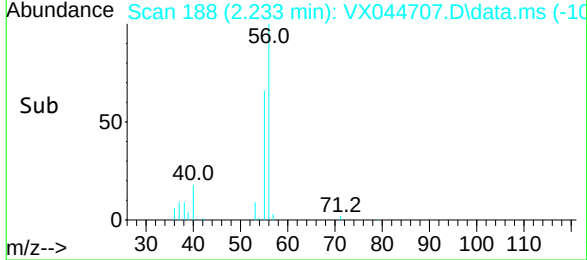
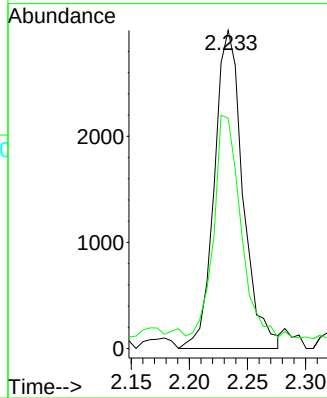
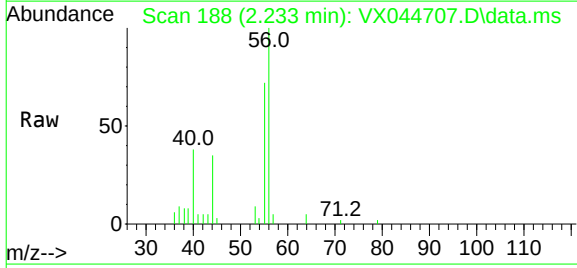
#13
Acrolein
Concen: 12.924 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 56 Resp: 5129
Ion Ratio Lower Upper
56 100
55 65.2 57.5 86.3

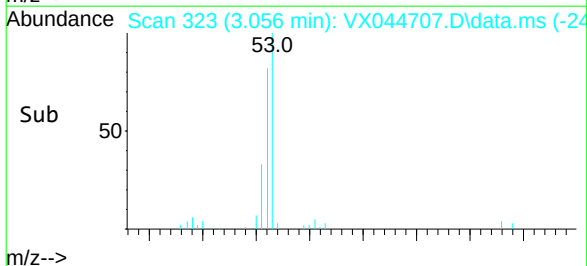
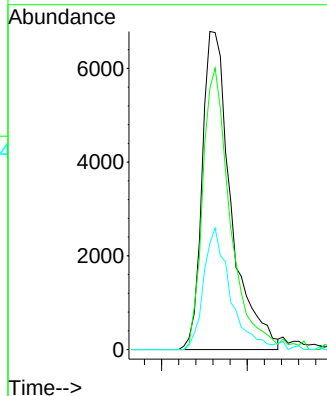
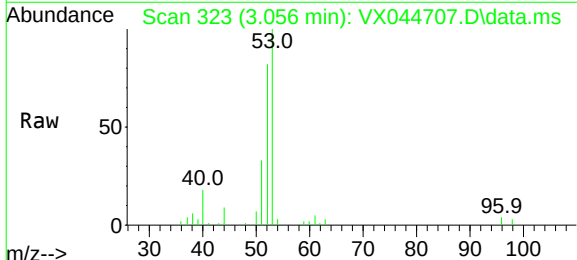
Manual Integrations
APPROVED

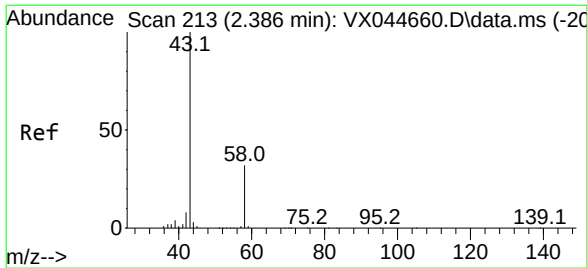
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#14
Acrylonitrile
Concen: 12.146 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion: 53 Resp: 15883
Ion Ratio Lower Upper
53 100
52 83.8 41.4 124.2
51 35.2 18.1 54.4





#15

Acetone

Concen: 12.648 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.012 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 58 Resp: 4438

Ion Ratio Lower Upper

58 100

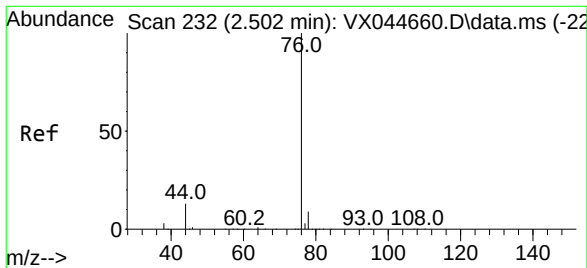
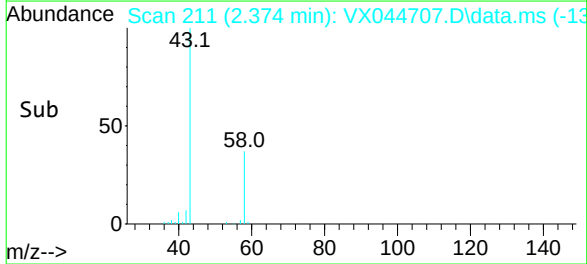
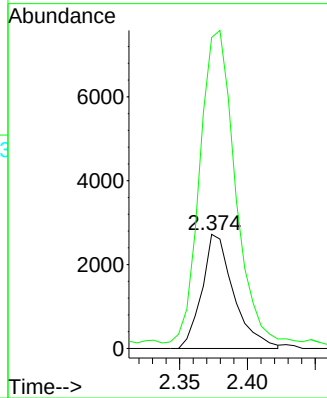
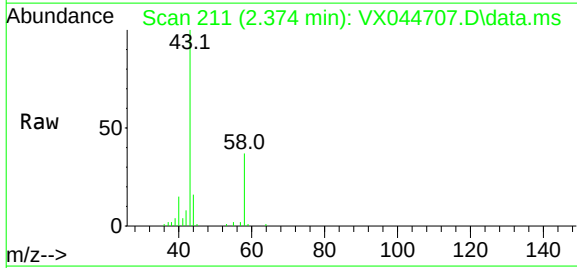
43 264.4 251.0 376.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#16

Carbon Disulfide

Concen: 2.806 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044707.D

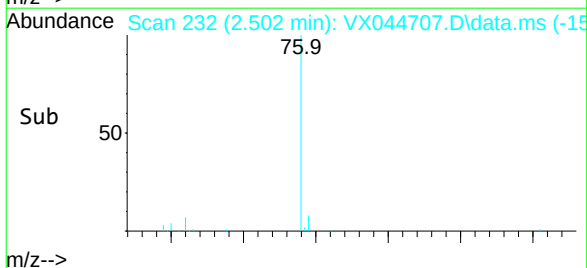
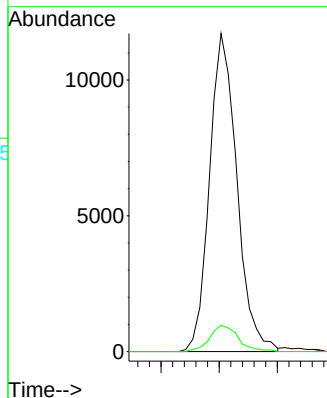
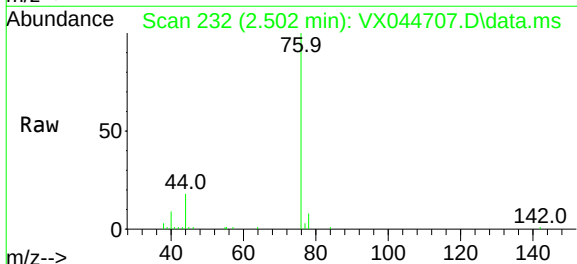
Acq: 23 Jan 2025 14:43

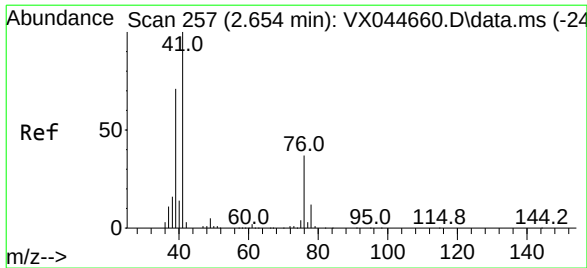
Tgt Ion: 76 Resp: 19167

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9





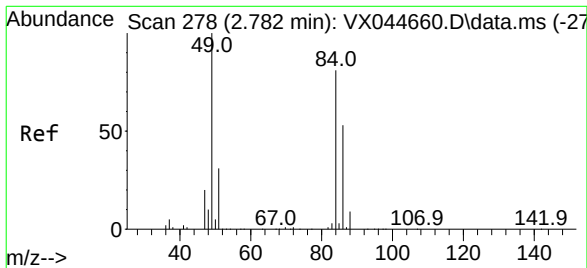
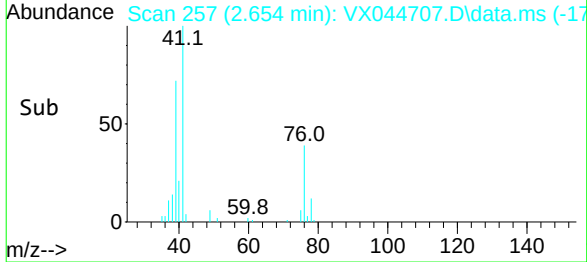
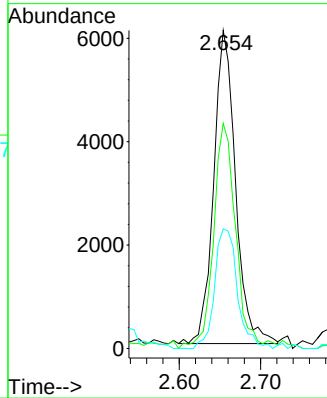
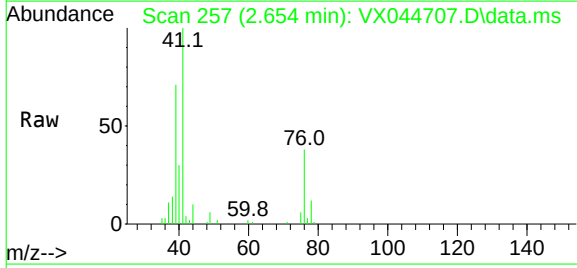
#17
 Allyl chloride
 Concen: 2.553 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044707.D
 Acq: 23 Jan 2025 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 41	Resp: 11317
Ion Ratio	Lower Upper
41 100	
39 71.9	35.6 106.8
76 38.2	18.9 56.5

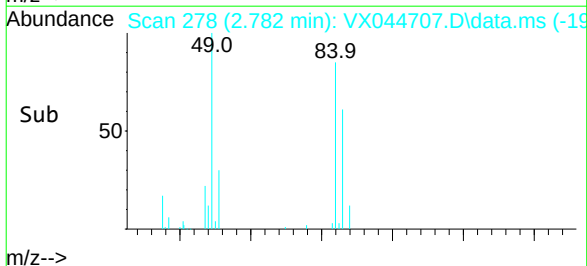
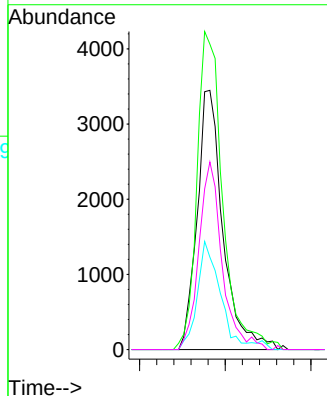
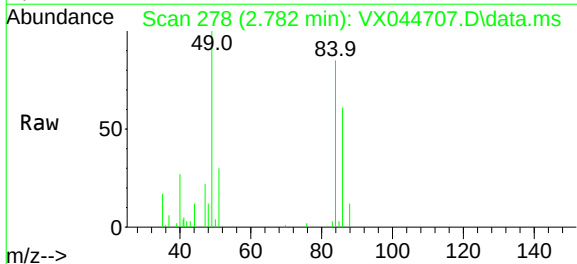
Manual Integrations
 APPROVED

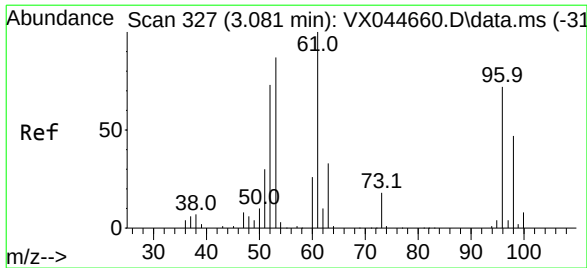
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#18
 Methylene Chloride
 Concen: 2.628 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044707.D
 Acq: 23 Jan 2025 14:43

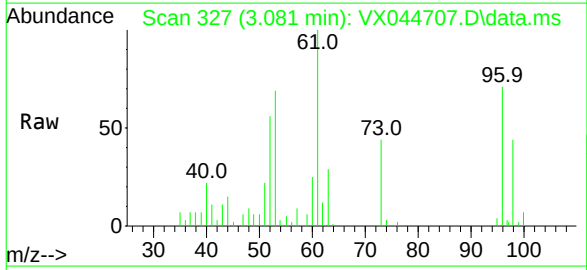
Tgt Ion: 84	Resp: 7230
Ion Ratio	Lower Upper
84 100	
49 115.4	98.3 147.5
51 35.6	30.6 46.0
86 72.4	52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 2.729 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

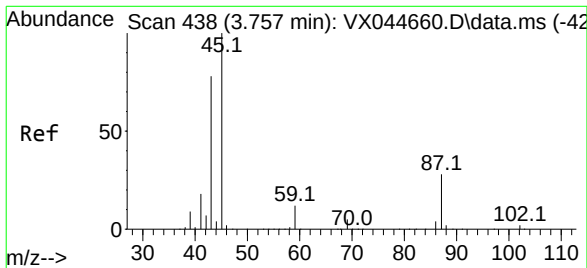
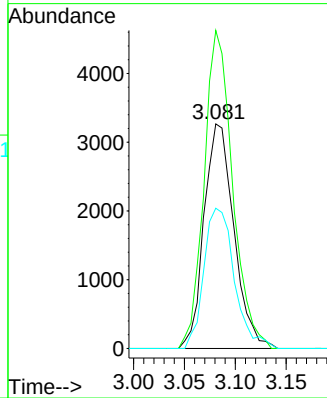
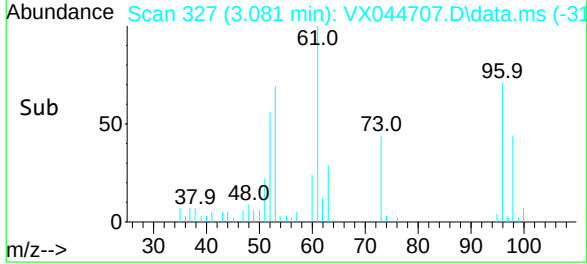
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



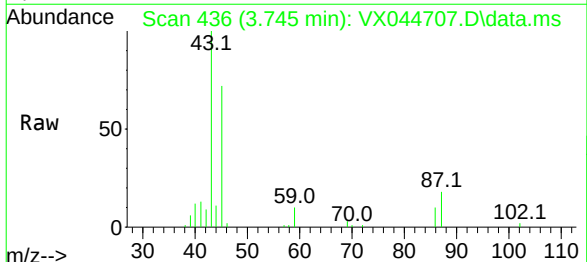
Tgt Ion: 96 Resp: 6671
Ion Ratio Lower Upper
96 100
61 141.6 111.5 167.3
98 62.4 52.6 79.0

Manual Integrations
APPROVED

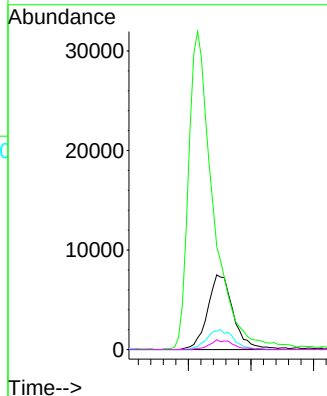
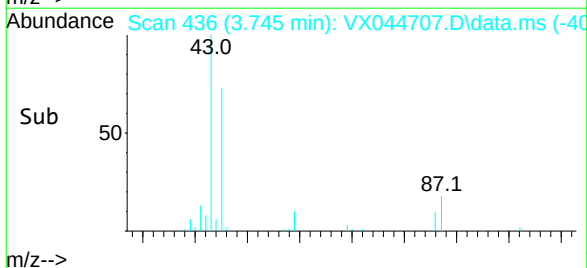
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

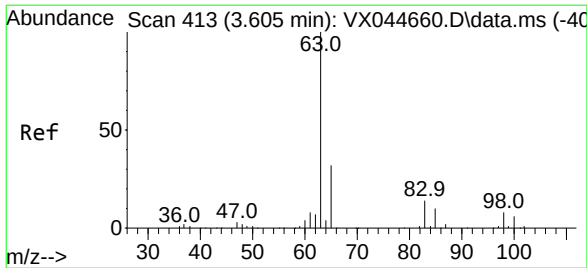


#20
Diisopropyl ether
Concen: 2.658 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43



Tgt Ion: 45 Resp: 21383
Ion Ratio Lower Upper
45 100
43 131.0 62.6 94.0#
87 25.1 22.7 34.1
59 13.2 9.4 14.2





#21

1,1-Dichloroethane

Concen: 2.542 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

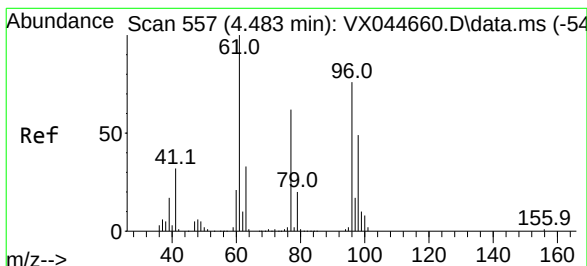
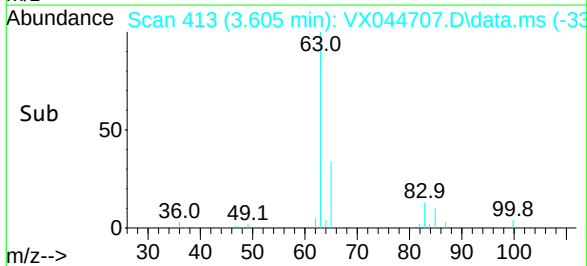
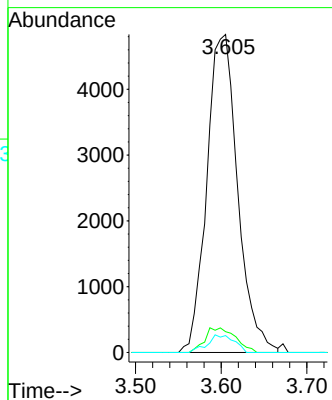
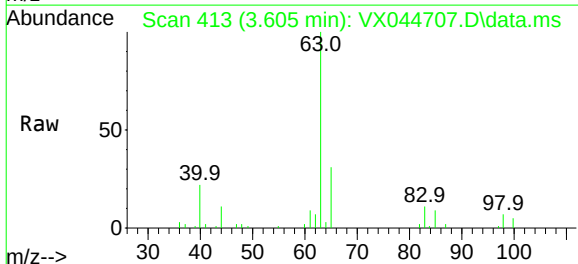
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	63	Resp:	12133
Ion	Ratio	Lower	Upper
63	100		
98	6.5	4.0	11.9
100	5.3	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: 2.430 ug/l

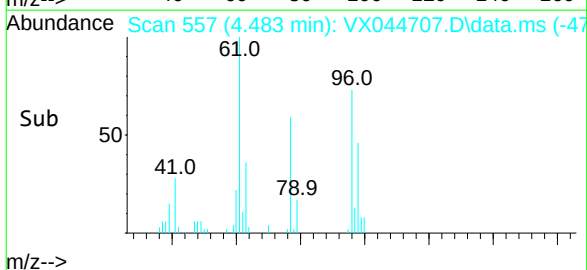
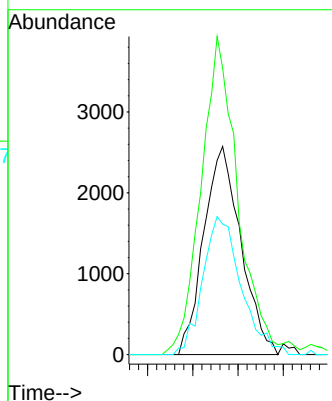
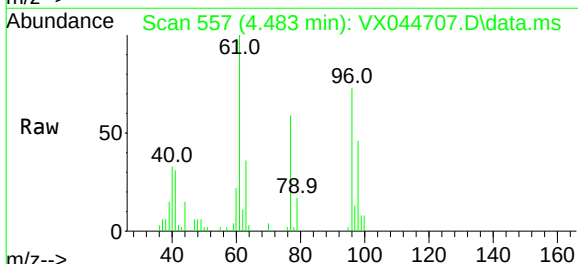
RT: 4.483 min Scan# 557

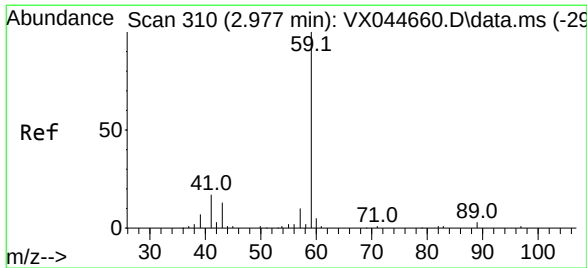
Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

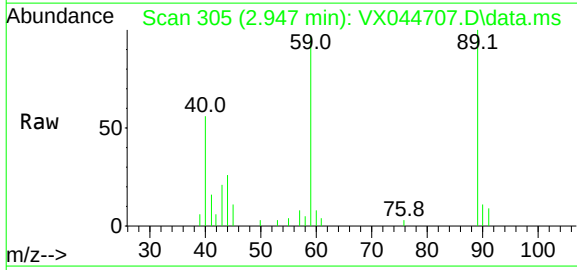
Tgt Ion:	96	Resp:	7351
Ion	Ratio	Lower	Upper
96	100		
61	150.0	115.2	172.8
98	65.6	51.8	77.6





#23
tert-Butyl Alcohol
Concen: 14.955 ug/l m
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

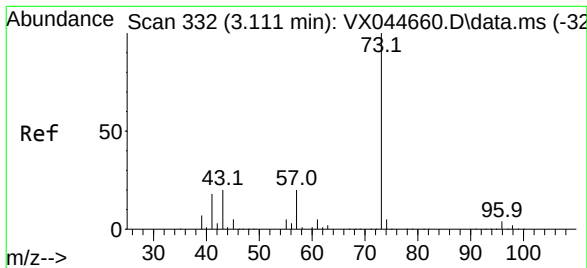
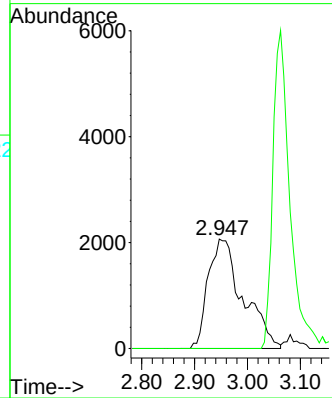
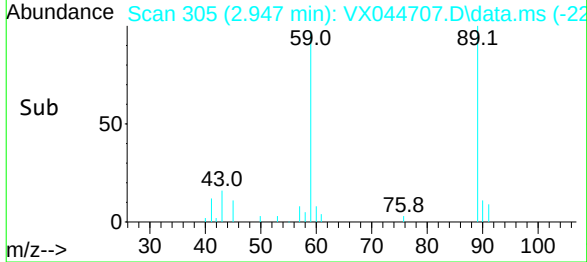
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



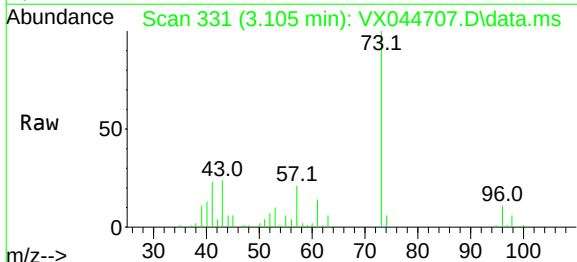
Tgt Ion: 59 Resp: 9459
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

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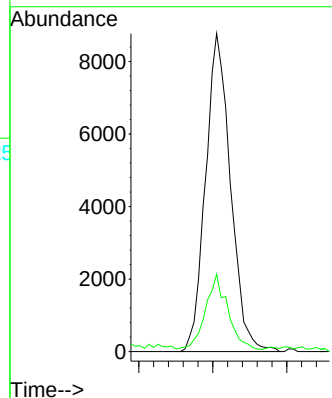
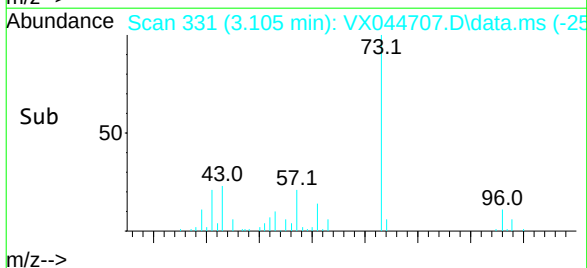
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

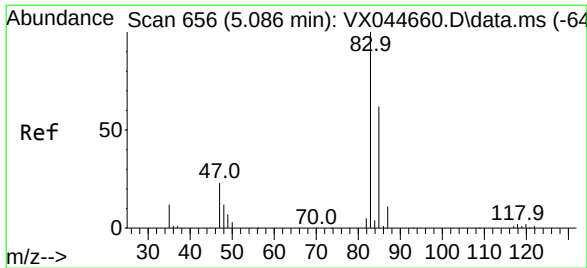


#24
Methyl tert-Butyl Ether
Concen: 2.413 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43



Tgt Ion: 73 Resp: 20555
Ion Ratio Lower Upper
73 100
43 21.0 16.9 25.3





#25

Chloroform

Concen: 2.490 ug/l

RT: 5.080 min Scan# 65

Delta R.T. -0.006 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 83 Resp: 11808

Ion Ratio Lower Upper

83 100

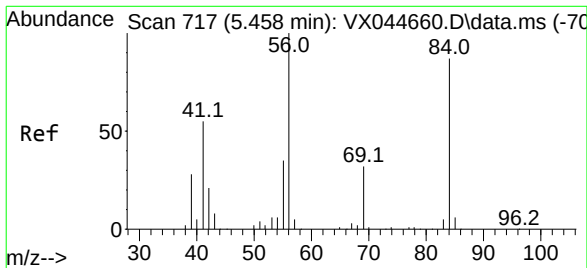
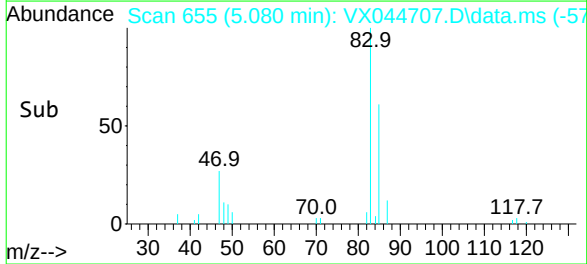
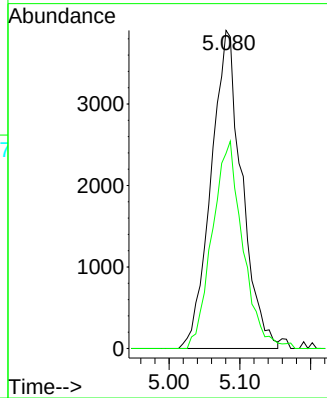
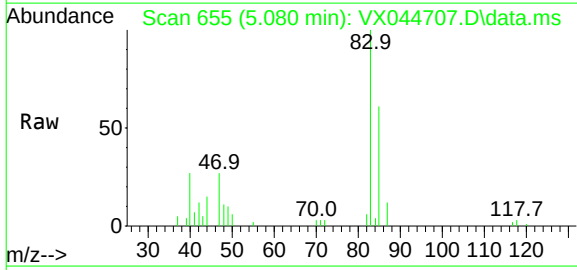
85 61.3 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#26

Cyclohexane

Concen: 2.918 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

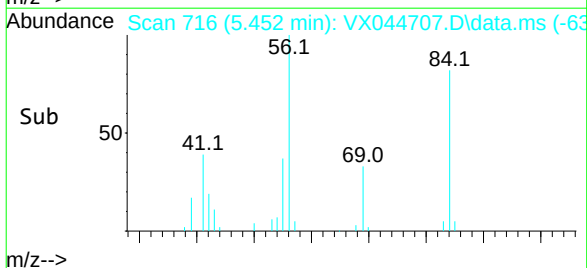
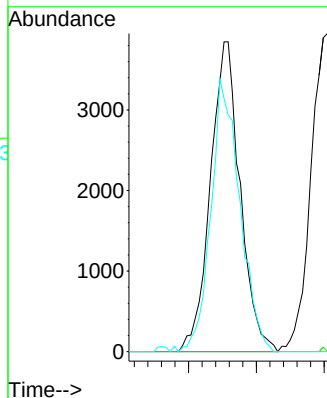
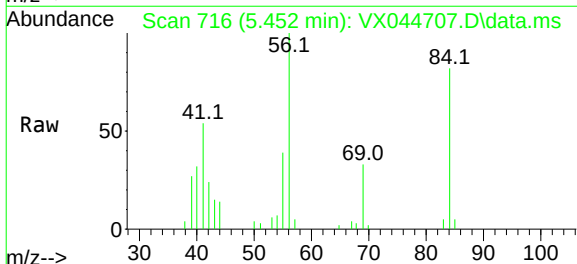
Tgt Ion: 56 Resp: 11706

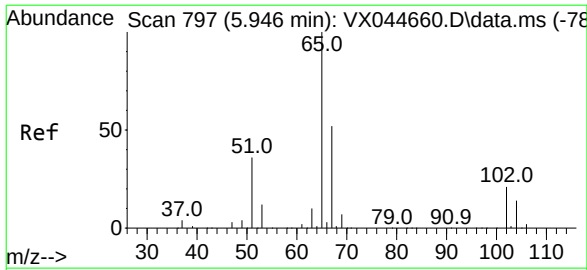
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.4 72.2 108.4





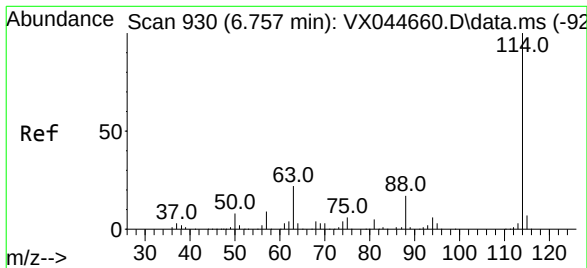
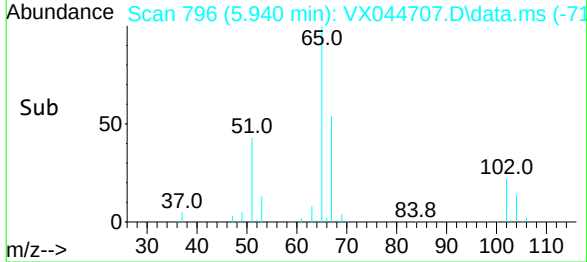
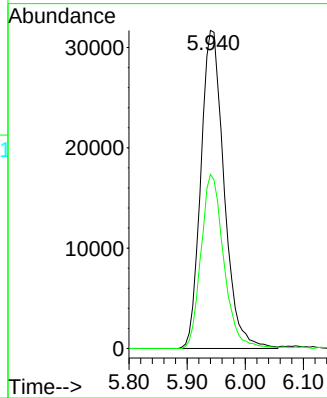
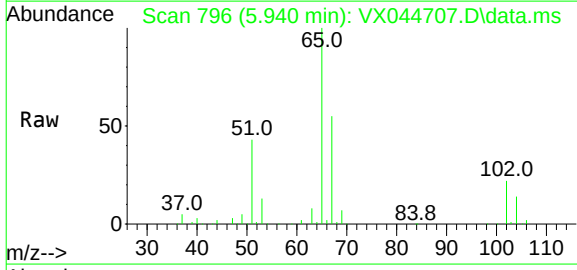
#27
1,2-Dichloroethane-d4
Concen: 27.385 ug/l
RT: 5.940 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 65 Resp: 87981
Ion Ratio Lower Upper
65 100
67 53.6 41.4 62.2

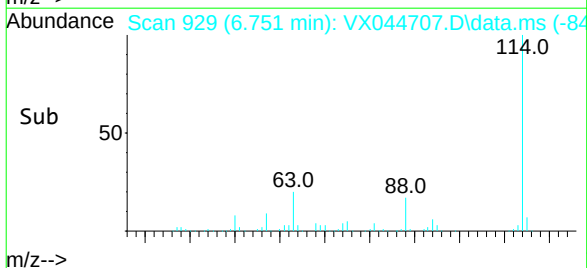
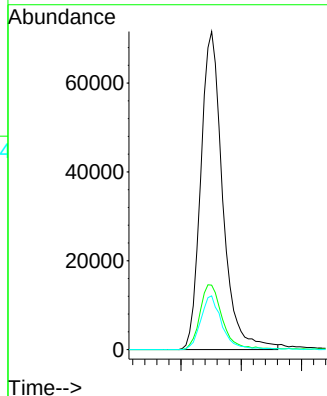
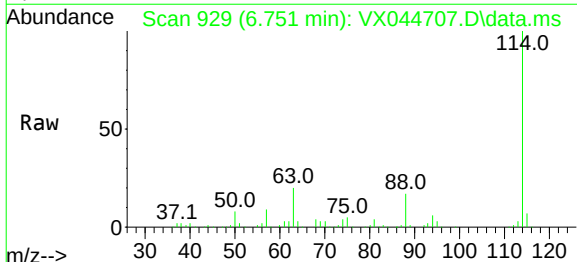
Manual Integrations
APPROVED

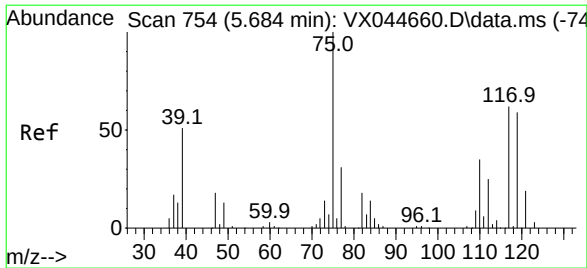
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion:114 Resp: 180891
Ion Ratio Lower Upper
114 100
63 20.5 16.6 24.8
88 16.1 13.4 20.2





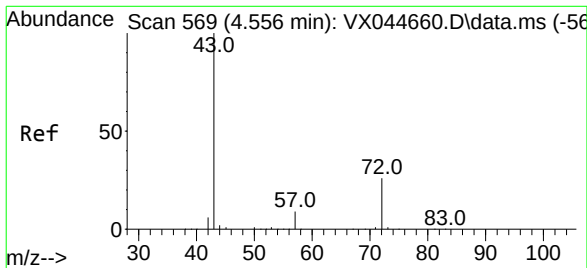
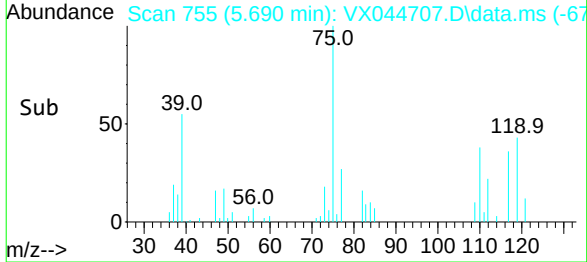
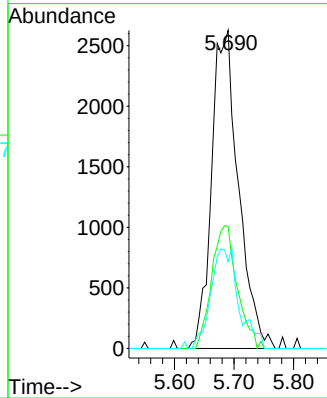
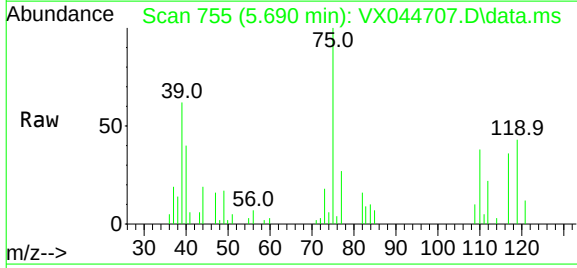
#29
1,1-Dichloropropene
Concen: 2.619 ug/l m
RT: 5.690 min Scan# 75
Delta R.T. 0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	0.0	69.4
77	20.9	0.0	59.8

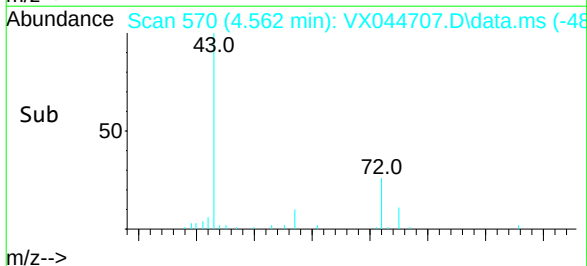
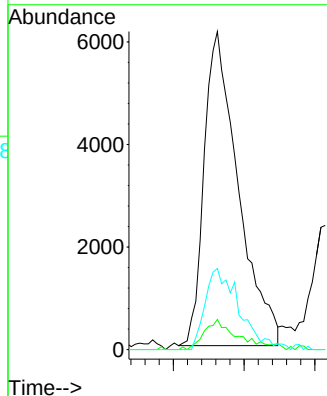
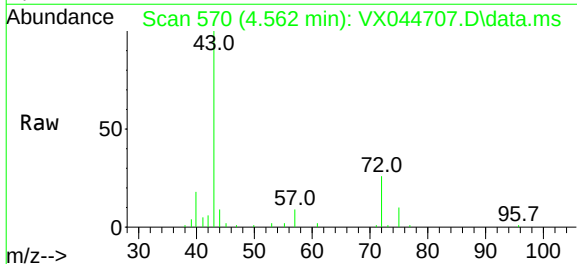
Manual Integrations
APPROVED

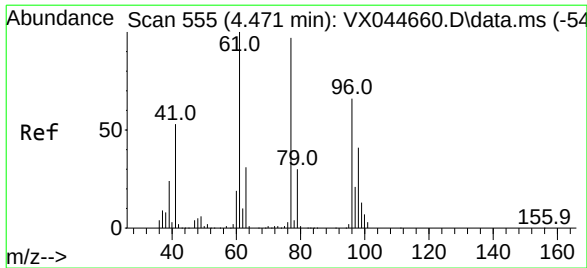
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#30
2-Butanone
Concen: 11.878 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

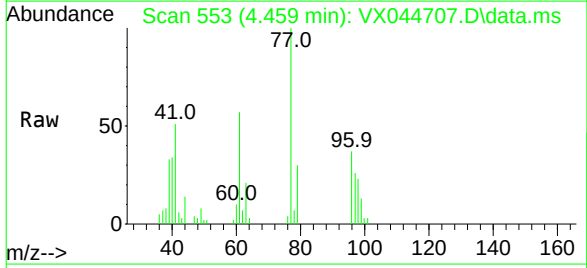
Tgt Ion	Ratio	Lower	Upper
43	100		
57	6.6	6.4	9.6
72	17.2	21.5	32.3#





#31
2,2-Dichloropropane
Concen: 2.521 ug/l
RT: 4.459 min Scan# 555
Delta R.T. -0.012 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

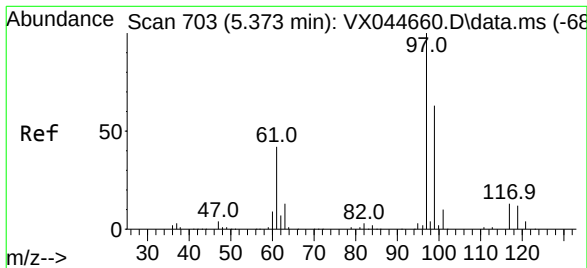
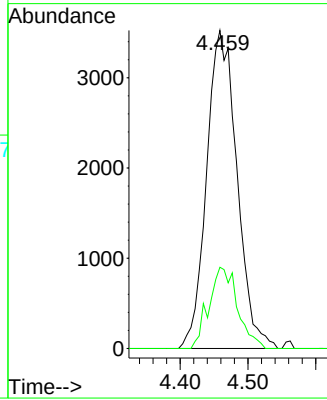
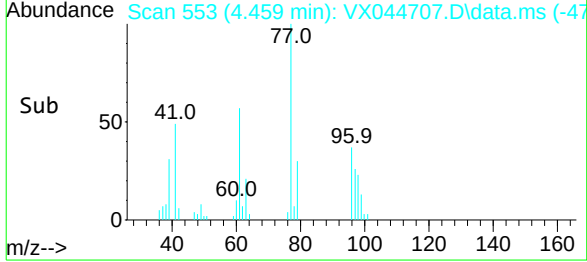
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



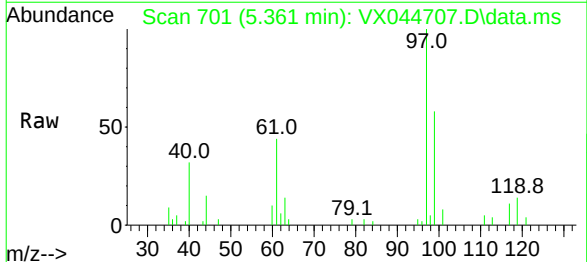
Tgt Ion: 77 Resp: 10977
Ion Ratio Lower Upper
77 100
97 7.2 18.6 27.8#

Manual Integrations
APPROVED

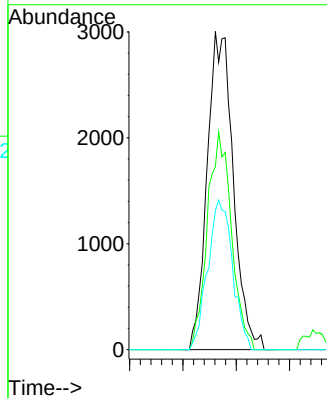
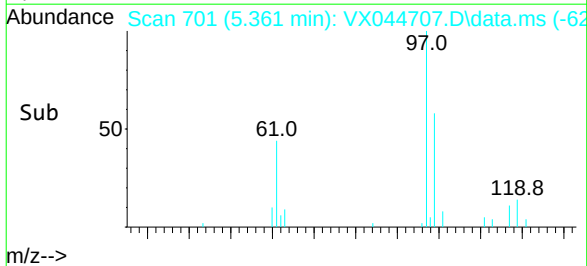
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

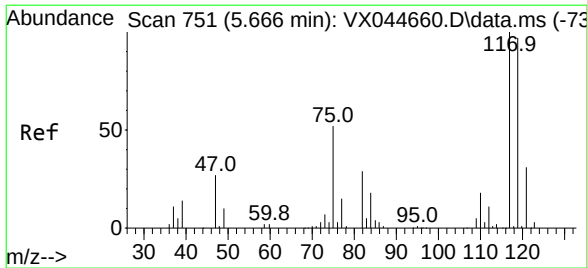


#32
1,1,1-Trichloroethane
Concen: 2.442 ug/l m
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43



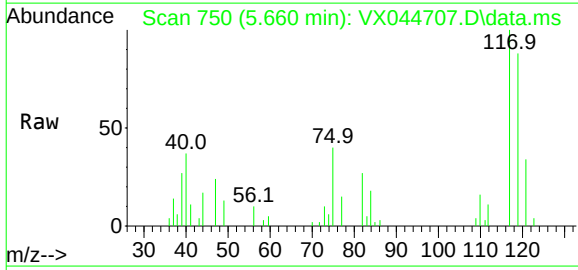
Tgt Ion: 97 Resp: 10181
Ion Ratio Lower Upper
97 100
99 63.2 50.5 75.7
61 44.8 34.6 51.8





#33
Carbon Tetrachloride
Concen: 2.345 ug/l
RT: 5.660 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

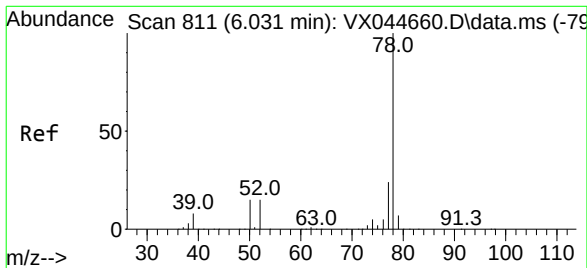
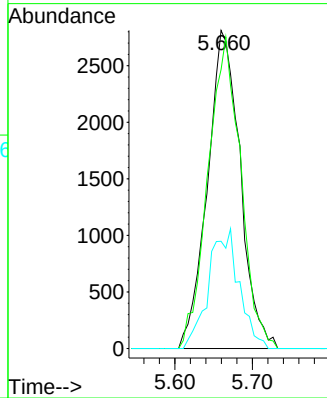
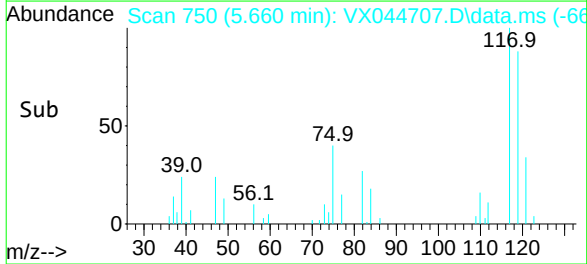
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



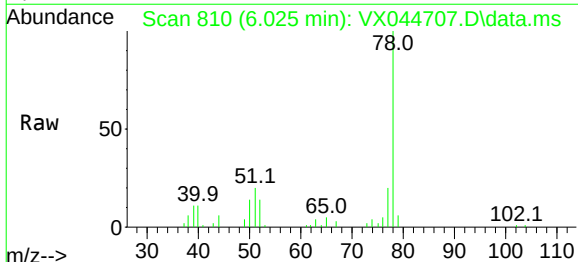
Tgt Ion: 117 Resp: 8249
Ion Ratio Lower Upper
117 100
119 87.7 77.3 115.9
121 33.7 24.6 37.0

Manual Integrations
APPROVED

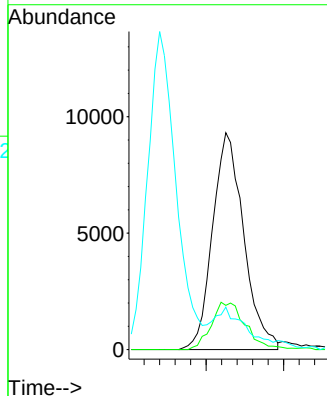
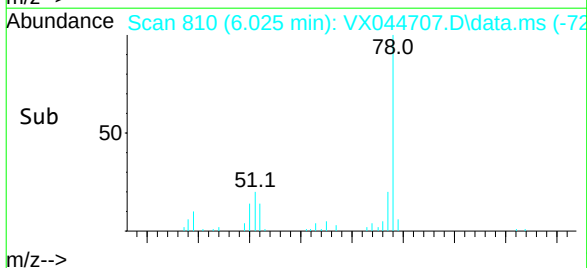
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

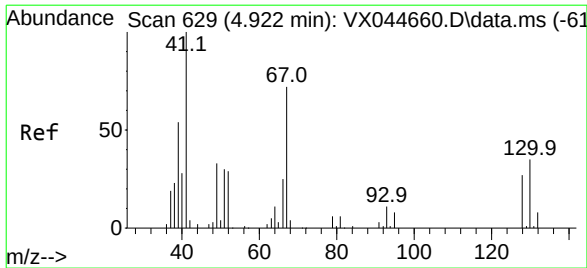


#34
Benzene
Concen: 2.589 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43



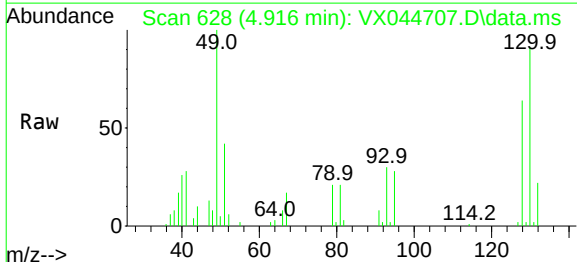
Tgt Ion: 78 Resp: 25988
Ion Ratio Lower Upper
78 100
77 20.4 19.3 28.9
51 15.4 12.7 19.1





#35
Methacrylonitrile
Concen: 2.310 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

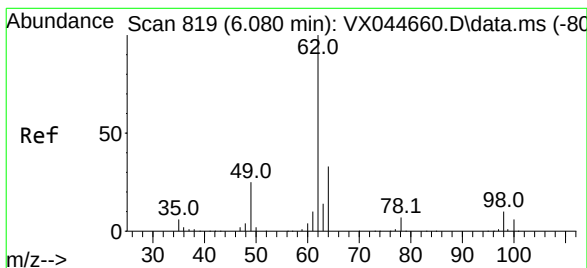
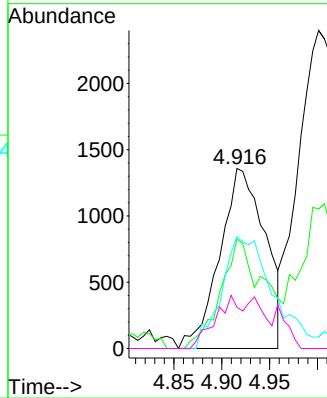
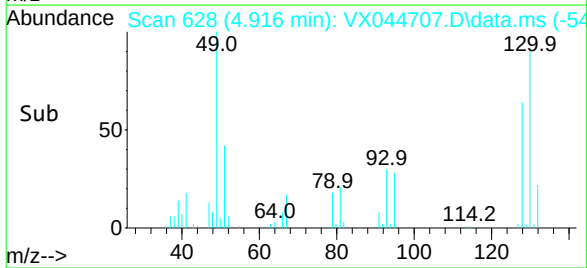
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 41 Resp: 4463
Ion Ratio Lower Upper
41 100
39 60.8 27.1 81.3
67 62.2 35.8 107.4
52 23.0 14.4 43.2

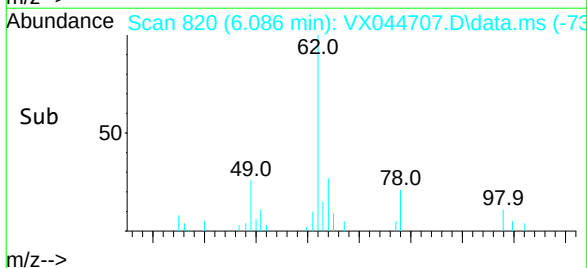
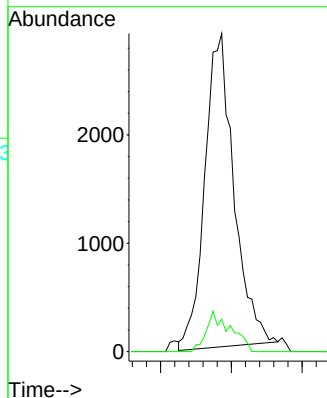
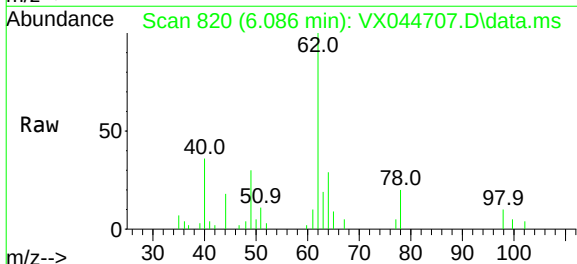
Manual Integrations
APPROVED

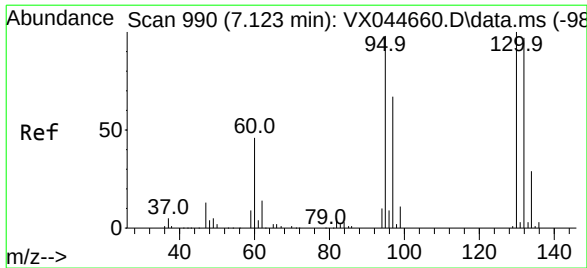
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#36
1,2-Dichloroethane
Concen: 2.303 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

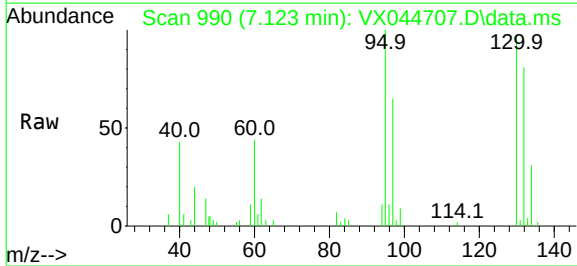
Tgt Ion: 62 Resp: 8264
Ion Ratio Lower Upper
62 100
98 7.2 7.4 11.2#





#37
Trichloroethene
Concen: 2.630 ug/l m
RT: 7.123 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

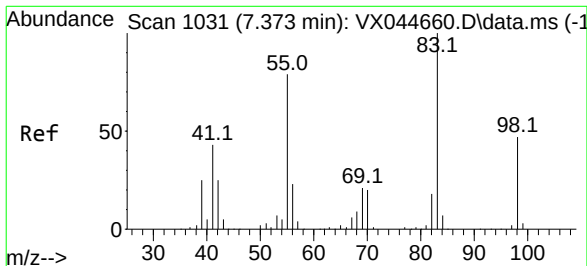
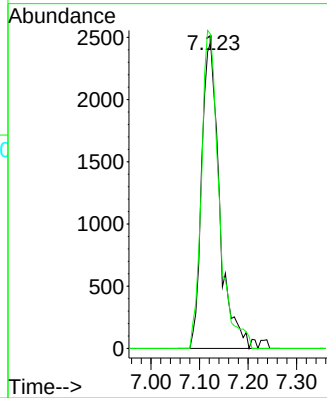
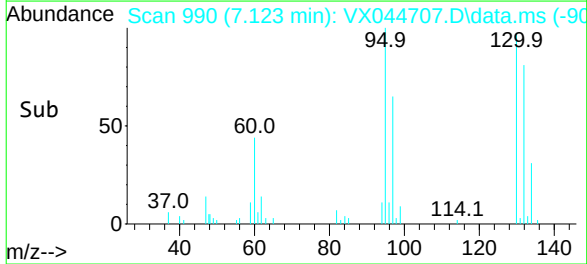
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



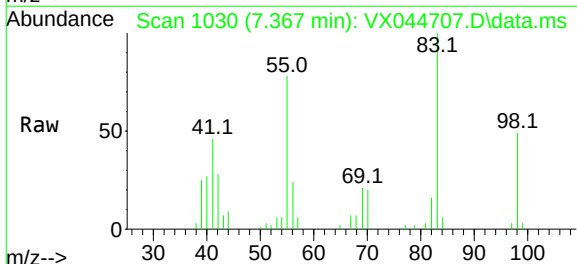
Tgt Ion: 130 Resp: 6375
Ion Ratio Lower Upper
130 100
95 102.6 78.2 117.4

Manual Integrations
APPROVED

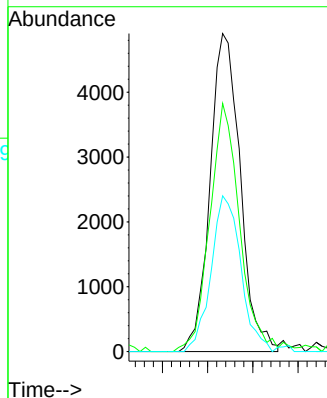
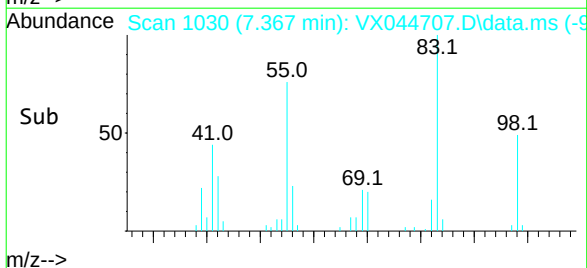
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

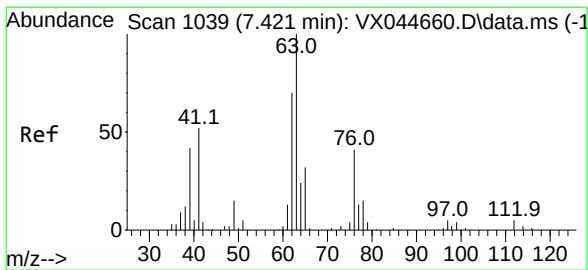


#38
Methylcyclohexane
Concen: 2.662 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43



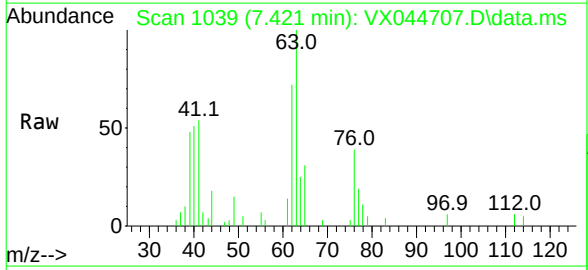
Tgt Ion: 83 Resp: 11380
Ion Ratio Lower Upper
83 100
55 76.7 38.4 115.2
98 48.2 24.4 73.4





#39
1,2-Dichloropropane
Concen: 2.514 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

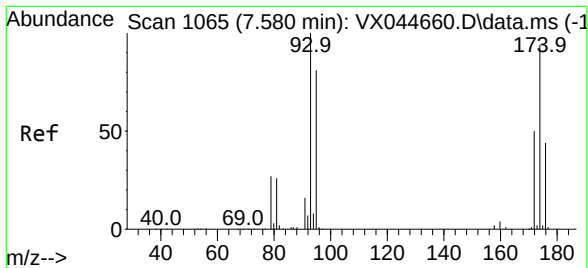
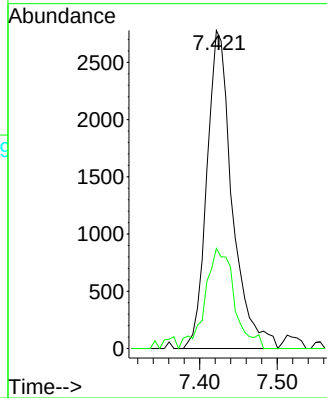
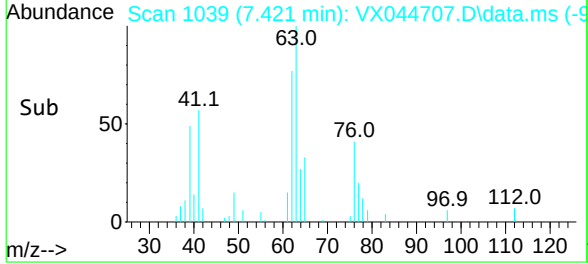
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 63 Resp: 6293
Ion Ratio Lower Upper
63 100
65 31.5 25.5 38.3

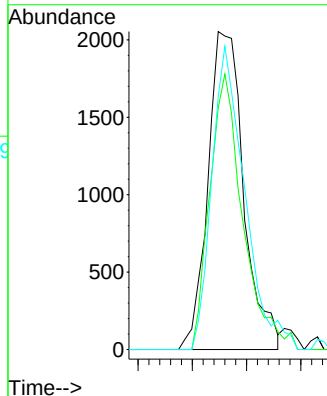
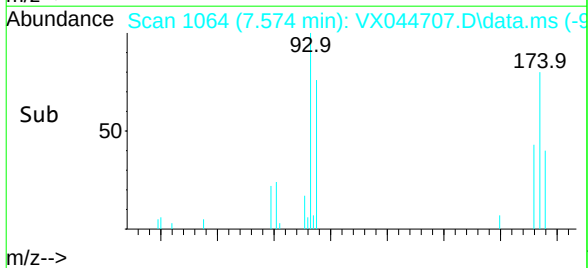
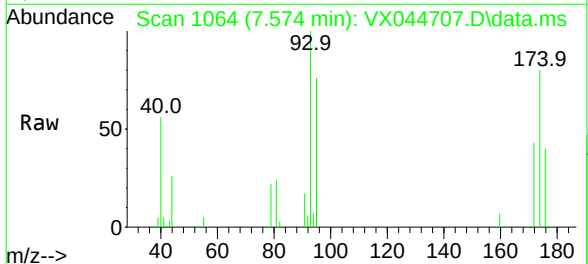
Manual Integrations
APPROVED

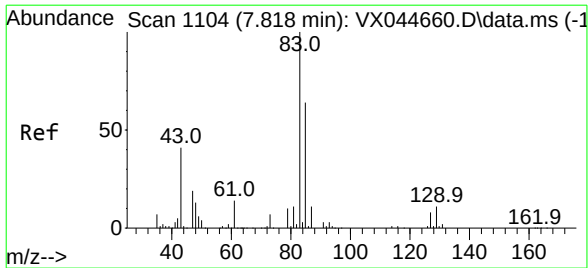
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#40
Dibromomethane
Concen: 2.526 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion: 93 Resp: 4701
Ion Ratio Lower Upper
93 100
95 79.2 0.0 167.0
174 88.1 0.0 182.0





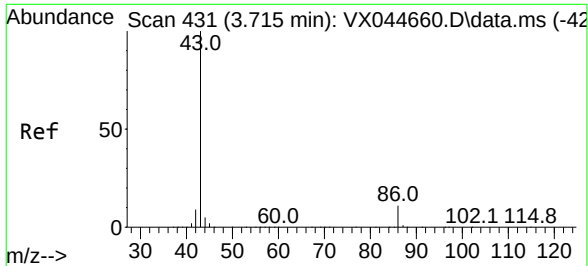
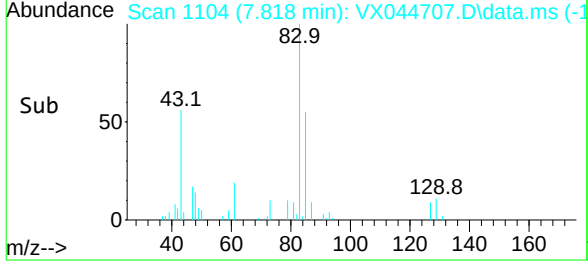
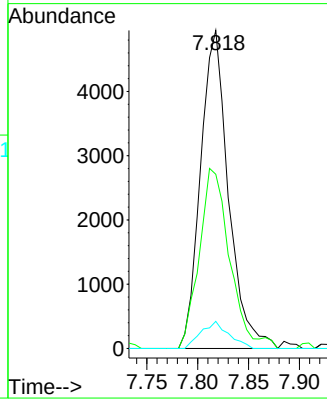
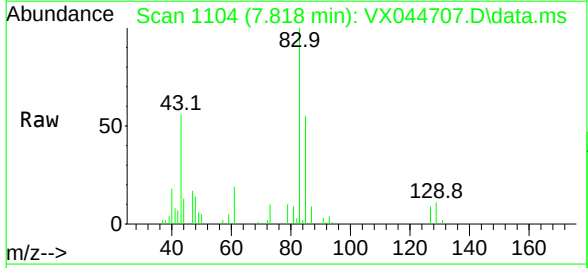
#41
Bromodichloromethane
Concen: 2.459 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 83	Resp: 9449
Ion Ratio	Lower Upper
83 100	
85 54.8	50.9 76.3
127 8.5	6.5 9.7

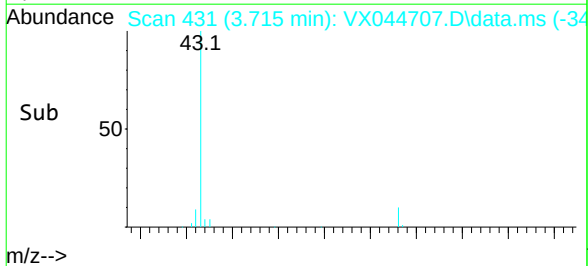
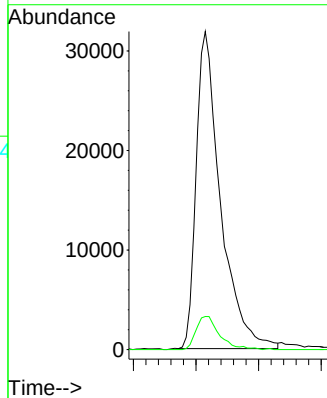
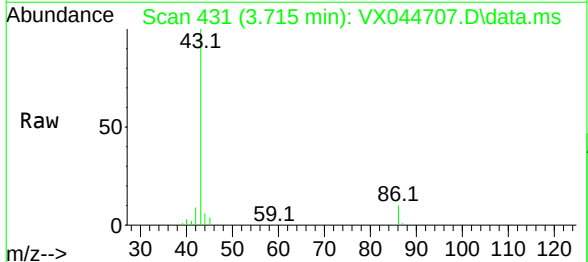
Manual Integrations
APPROVED

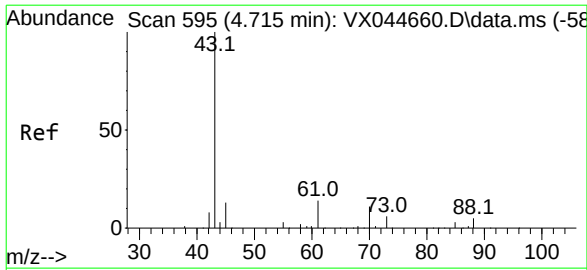
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#42
Vinyl Acetate
Concen: 12.524 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion: 43	Resp: 85962
Ion Ratio	Lower Upper
43 100	
86 9.7	8.0 12.0





#43

Ethyl Acetate

Concen: 2.268 ug/l m

RT: 4.715 min Scan# 59

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 43 Resp: 7691

Ion Ratio Lower Upper

43 100

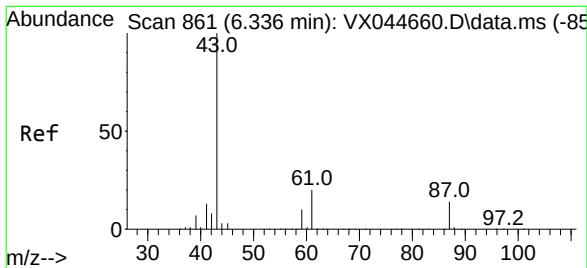
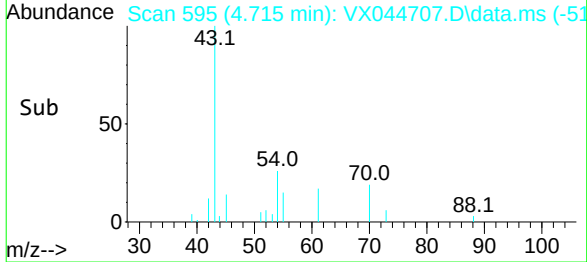
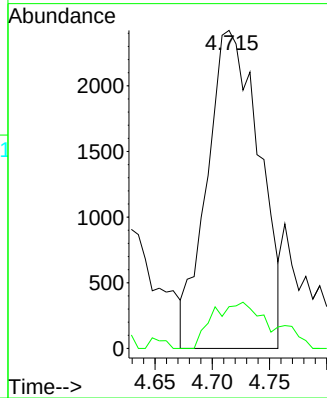
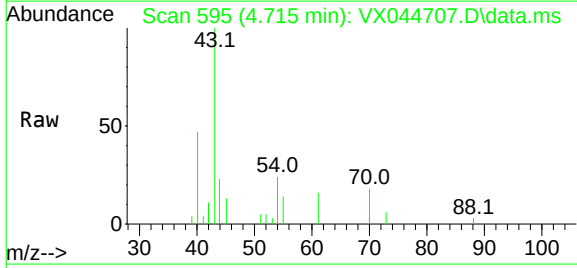
45 4.2 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#44

Isopropyl Acetate

Concen: 2.165 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX044707.D

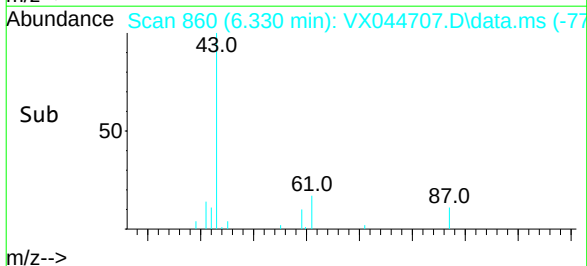
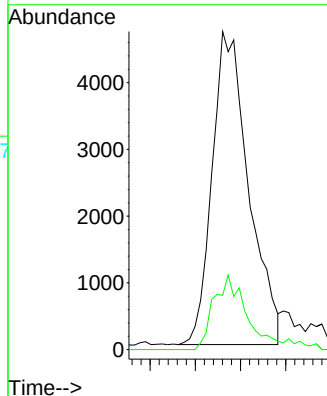
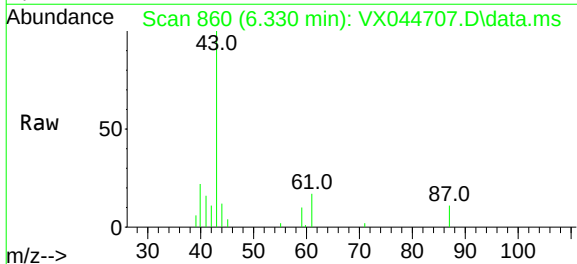
Acq: 23 Jan 2025 14:43

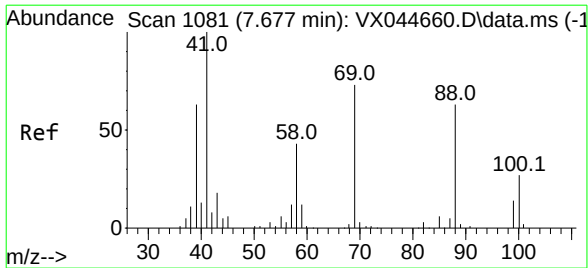
Tgt Ion: 43 Resp: 13184

Ion Ratio Lower Upper

43 100

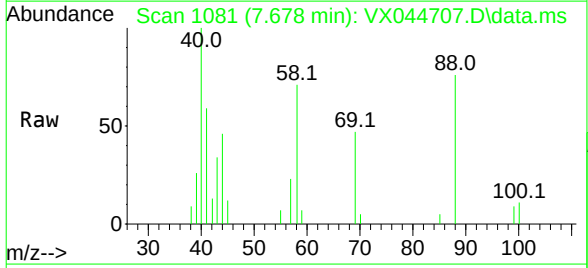
61 13.6 16.2 24.4#





#45
1,4-Dioxane
Concen: 41.845 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

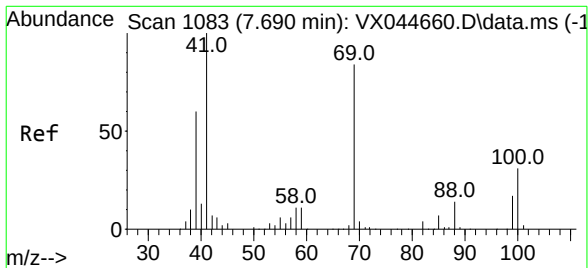
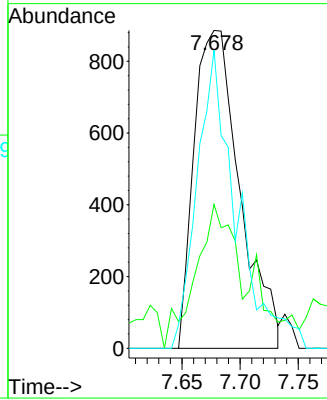
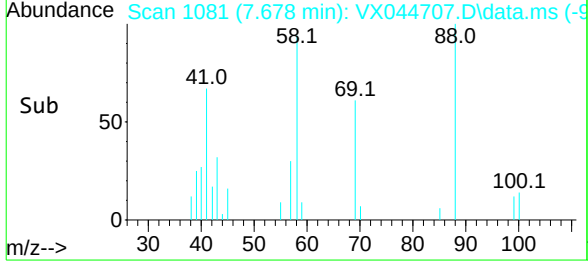
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



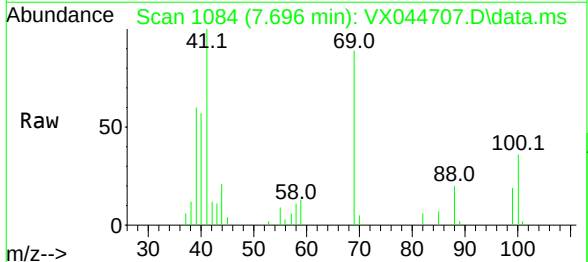
Tgt Ion: 88 Resp: 2427
Ion Ratio Lower Upper
88 100
43 25.3 25.9 38.9#
58 73.6 58.9 88.3

Manual Integrations
APPROVED

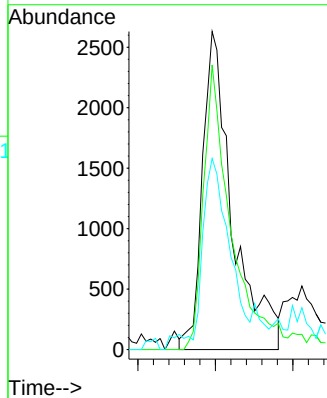
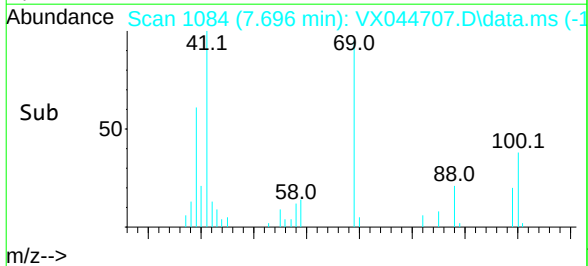
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

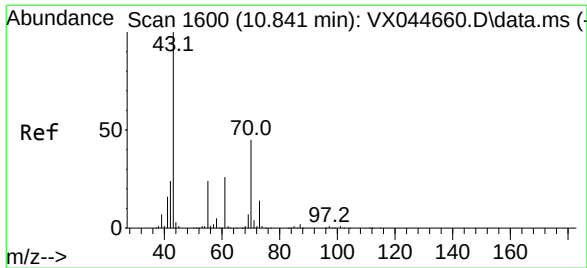


#46
Methyl methacrylate
Concen: 2.372 ug/l m
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43



Tgt Ion: 41 Resp: 7072
Ion Ratio Lower Upper
41 100
69 89.5 41.9 125.7
39 60.1 30.1 90.3





#47

n-amy1 Acetate

Concen: 2.347 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 43 Resp: 11998

Ion Ratio Lower Upper

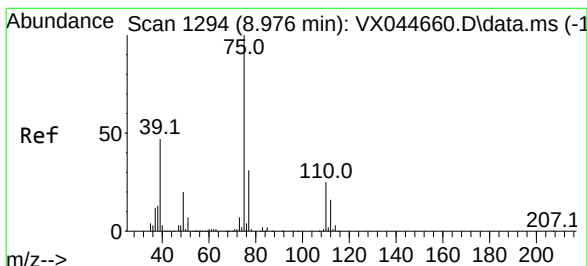
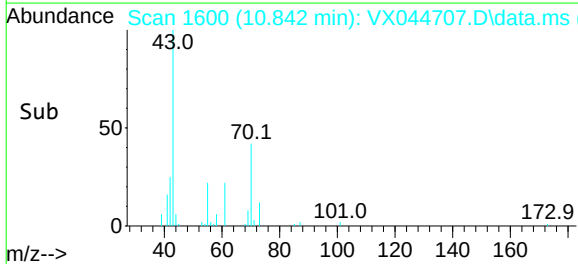
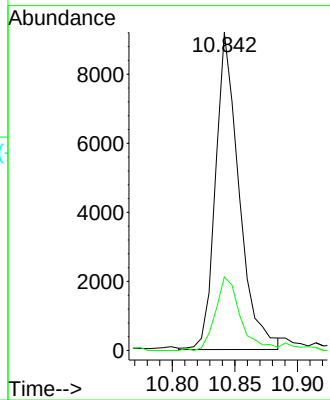
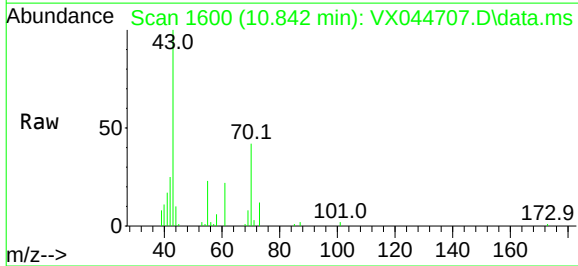
43 100

55 24.5 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: 2.327 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044707.D

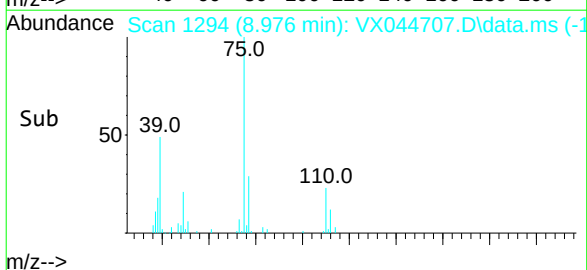
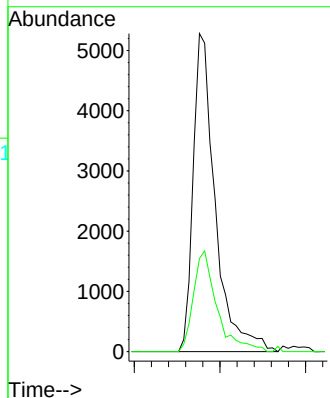
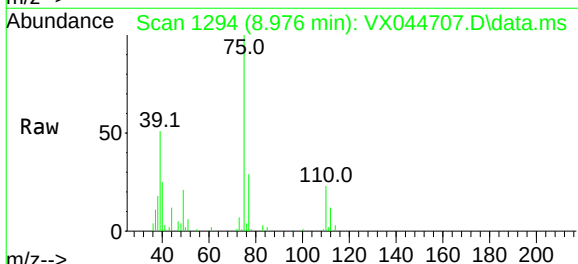
Acq: 23 Jan 2025 14:43

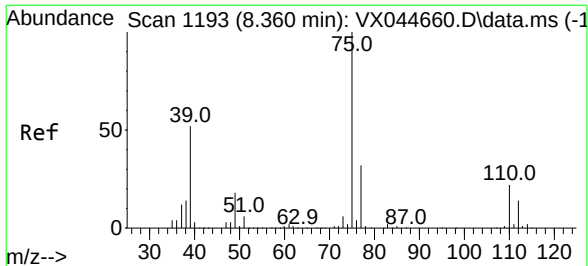
Tgt Ion: 75 Resp: 9440

Ion Ratio Lower Upper

75 100

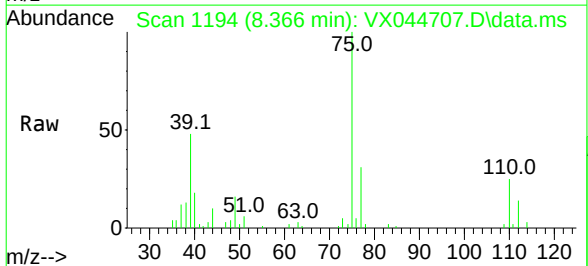
77 29.3 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 2.419 ug/l
RT: 8.366 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

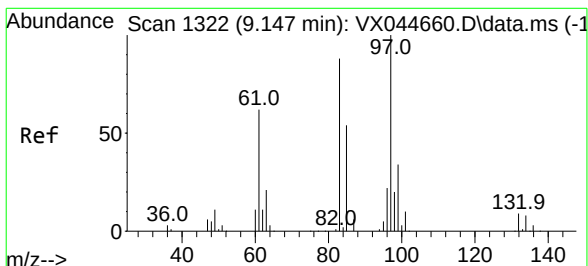
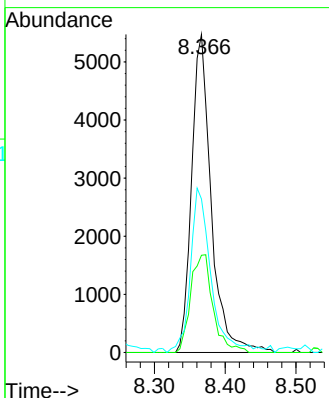
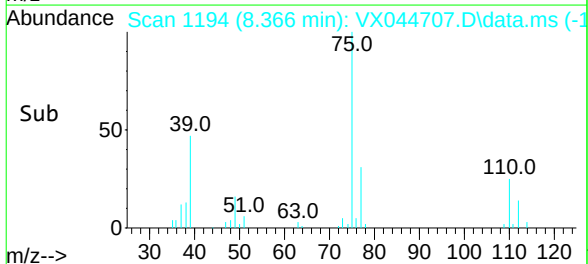
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.0
39	48.3	41.4	62.0

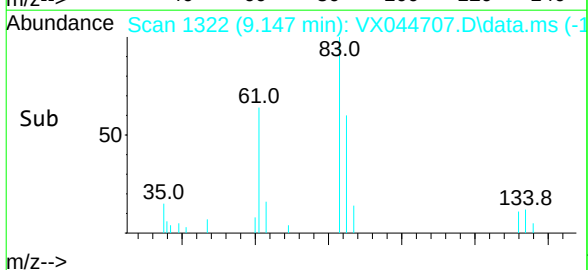
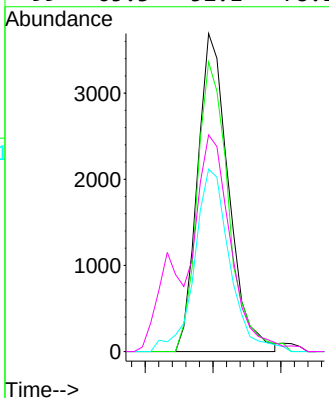
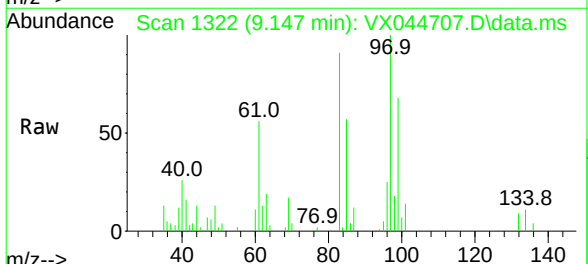
Manual Integrations
APPROVED

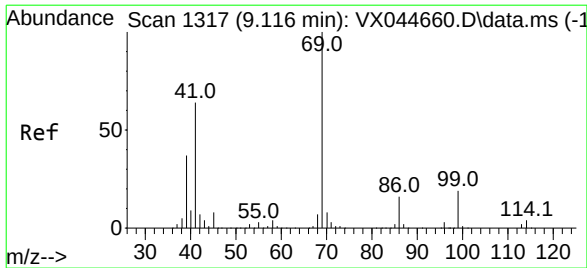
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#50
1,1,2-Trichloroethane
Concen: 2.457 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.1	69.2	103.8
85	55.2	44.8	67.2
99	65.3	52.1	78.1





#51

Ethyl methacrylate

Concen: 2.338 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

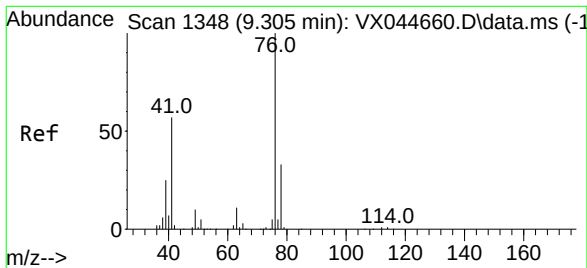
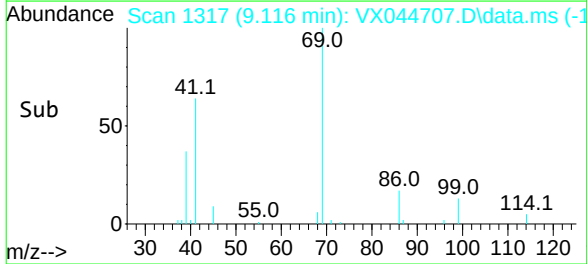
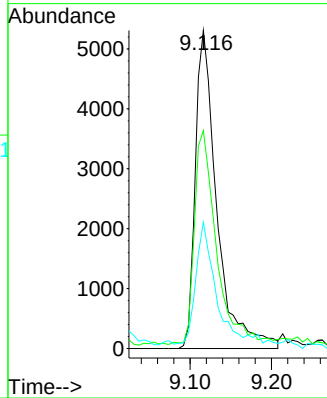
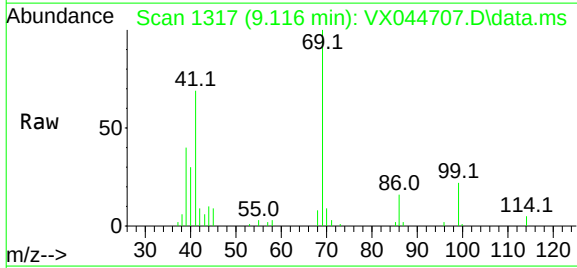
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	69	Resp:	9735
Ion	Ratio	Lower	Upper
69	100		
41	66.8	32.0	96.0
39	38.1	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: 2.587 ug/l

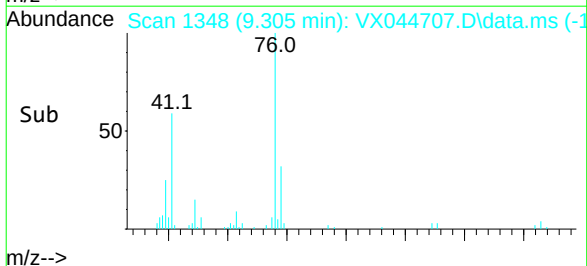
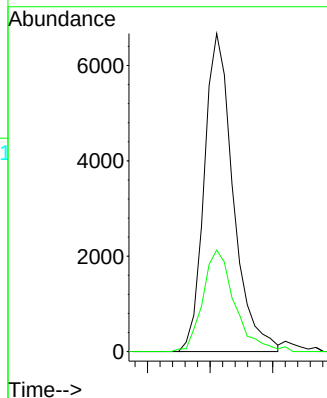
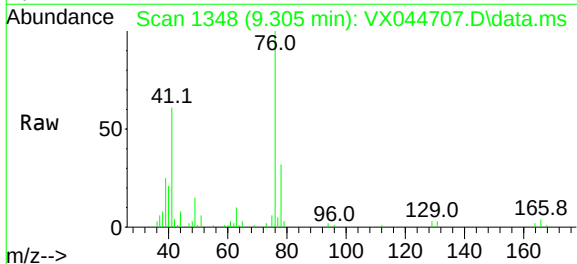
RT: 9.305 min Scan# 1348

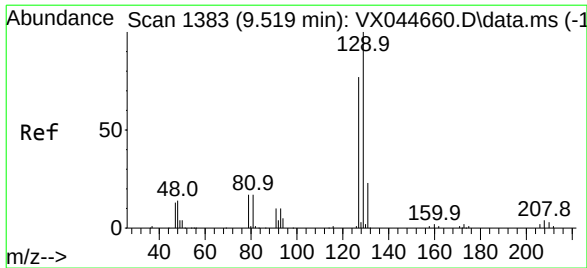
Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Tgt Ion:	76	Resp:	10722
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.0





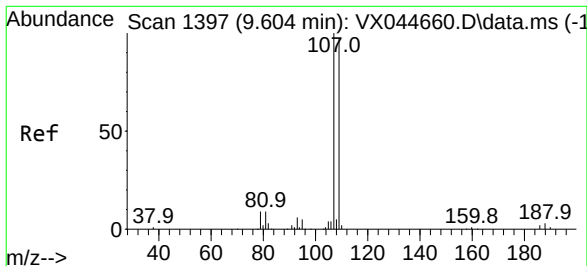
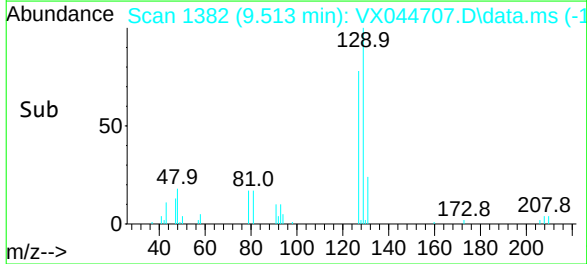
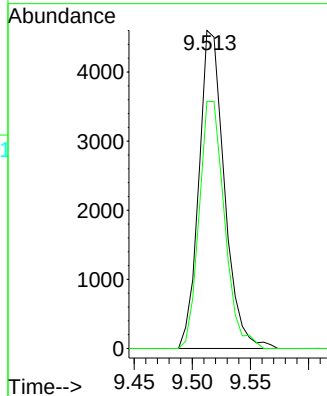
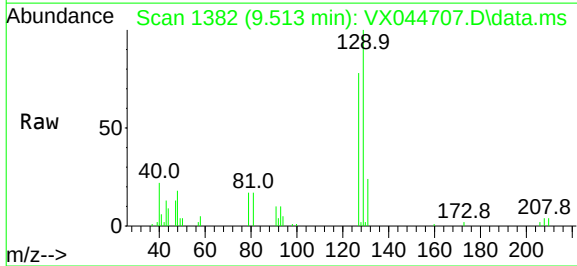
#53
Dibromochloromethane
Concen: 2.453 ug/l
RT: 9.513 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion:129 Resp: 7025
Ion Ratio Lower Upper
129 100
127 77.0 37.8 113.4

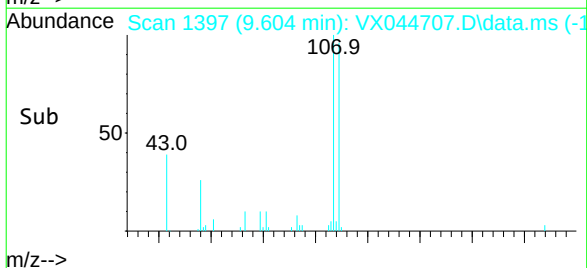
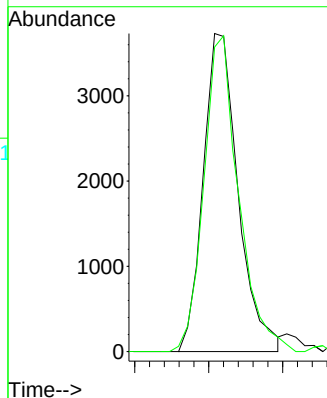
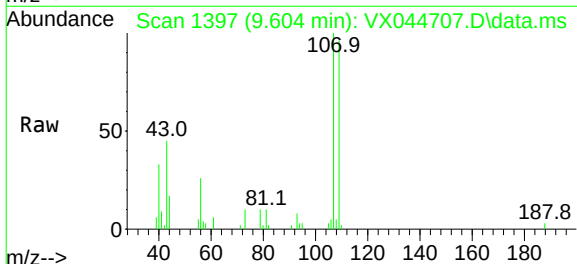
Manual Integrations
APPROVED

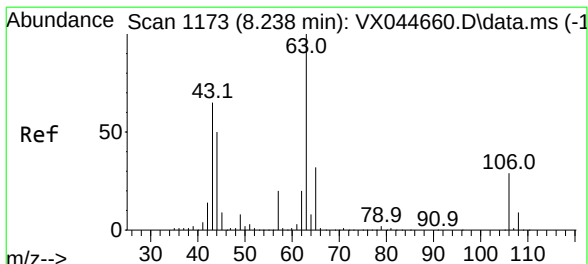
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#54
1,2-Dibromoethane
Concen: 2.412 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion:107 Resp: 6111
Ion Ratio Lower Upper
107 100
109 98.6 75.5 113.3



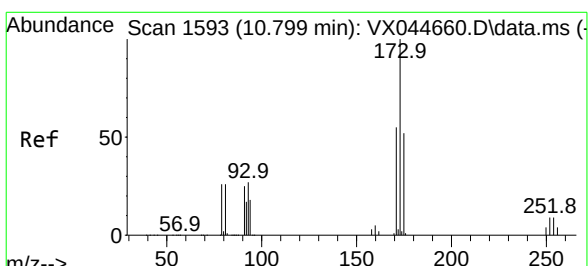
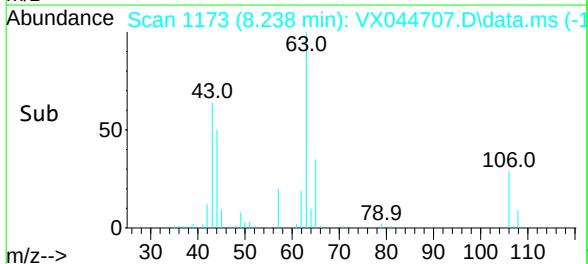
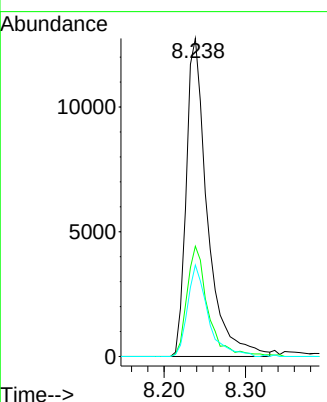
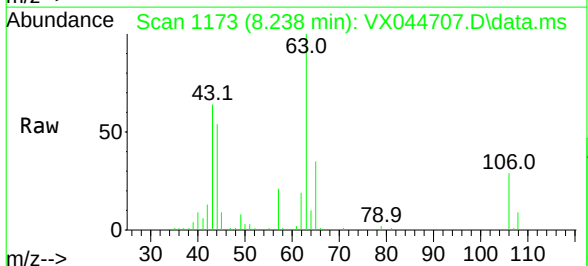


#55
 2-Chloroethyl vinyl ether
 Concen: 11.384 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. 0.000 min
 Lab File: VX044707.D
 Acq: 23 Jan 2025 14:43

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

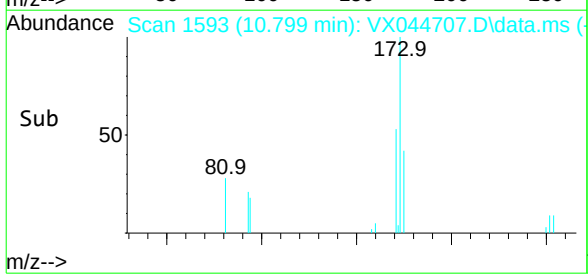
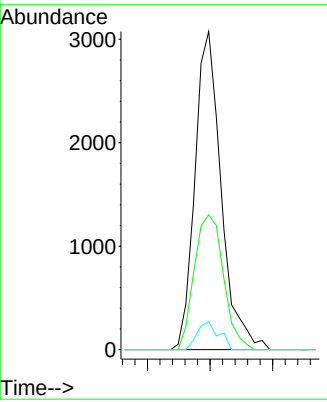
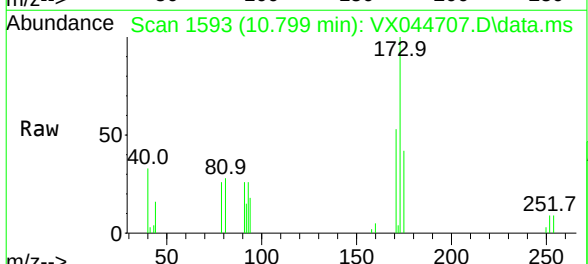
Tgt Ion:	63	Resp:	22999
Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.8	38.6
106	27.8	23.1	34.7

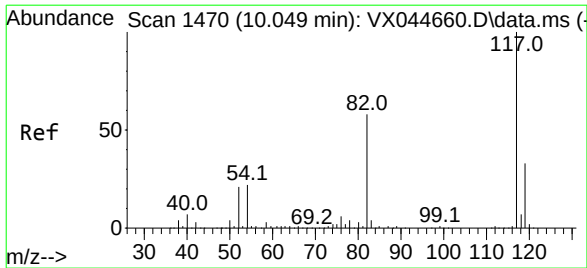
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#56
 Bromoform
 Concen: 2.356 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX044707.D
 Acq: 23 Jan 2025 14:43

Tgt Ion:	173	Resp:	4474
Ion	Ratio	Lower	Upper
173	100		
175	47.1	39.0	58.6
254	7.2	6.5	9.7





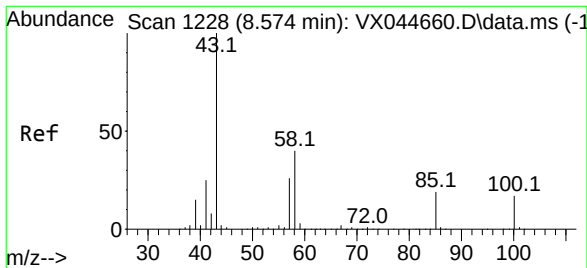
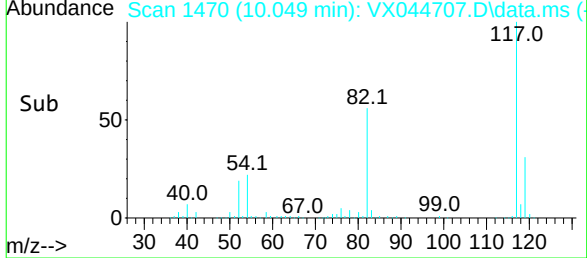
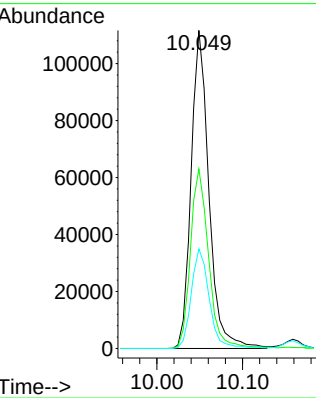
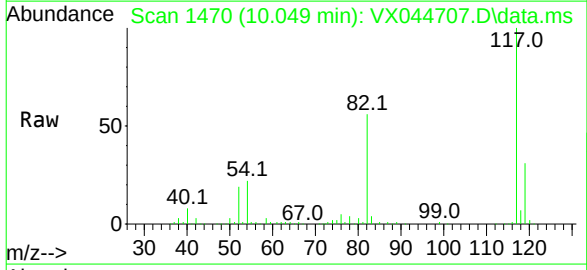
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 117 Resp: 161225
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 31.4 25.8 38.6

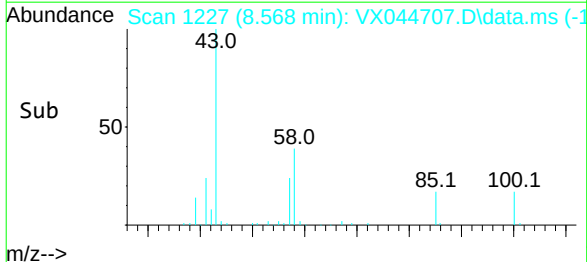
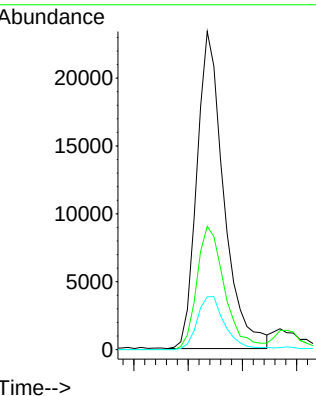
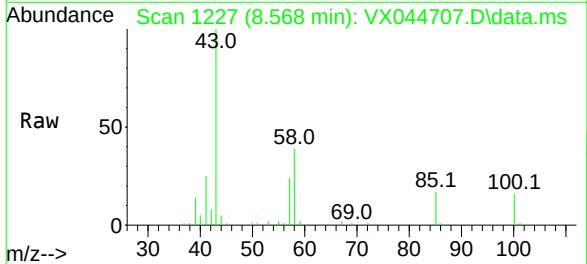
Manual Integrations
APPROVED

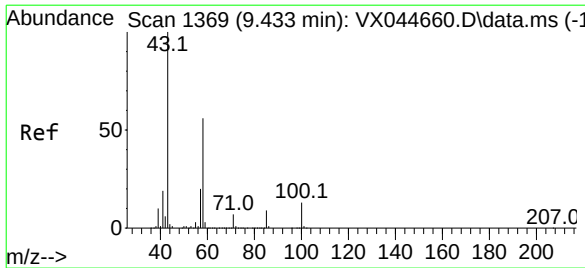
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#58
4-Methyl-2-Pentanone
Concen: 11.856 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion: 43 Resp: 40290
Ion Ratio Lower Upper
43 100
58 39.9 31.7 47.5
85 17.0 15.0 22.6





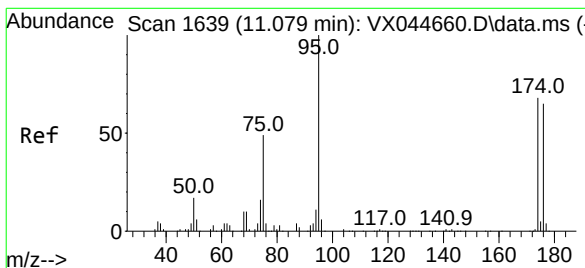
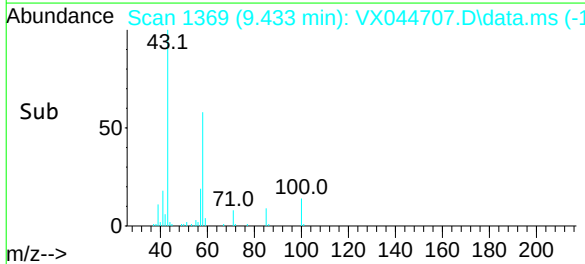
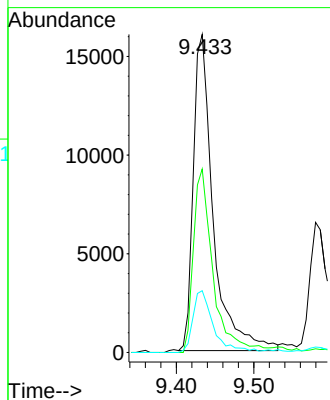
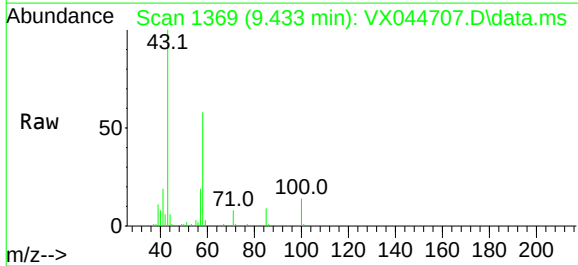
#59
2-Hexanone
Concen: 11.518 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 43	Resp: 28657
Ion Ratio	Lower Upper
43 100	
58 55.5	44.4 66.6
57 19.3	15.5 23.3

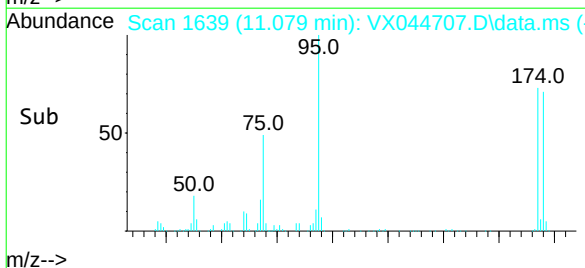
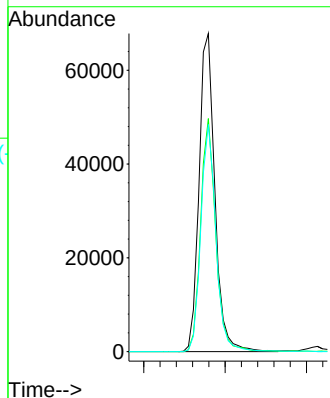
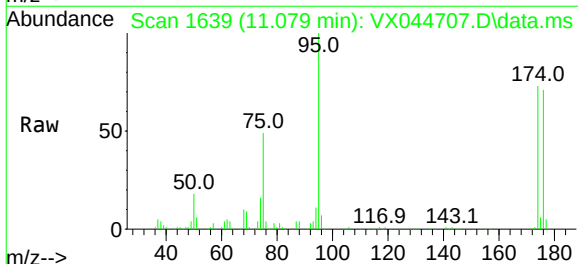
Manual Integrations
APPROVED

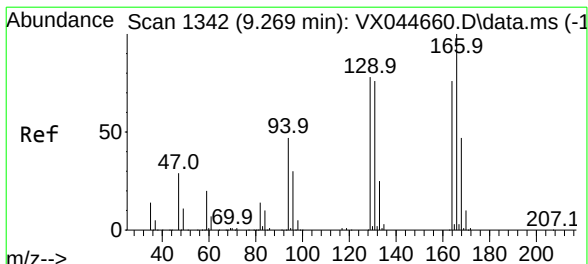
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#60
4-Bromofluorobenzene
Concen: 29.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

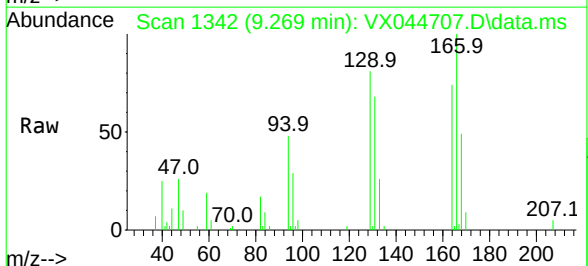
Tgt Ion: 95	Resp: 91410
Ion Ratio	Lower Upper
95 100	
174 69.5	54.6 81.8
176 68.1	52.8 79.2





#61
Tetrachloroethene
Concen: 2.626 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

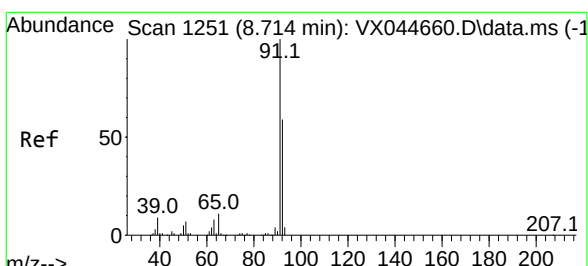
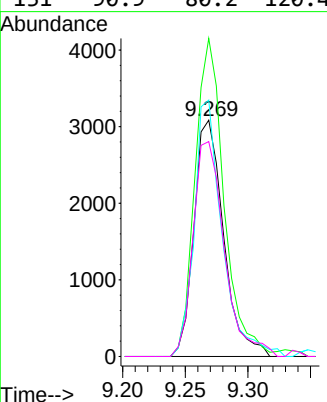
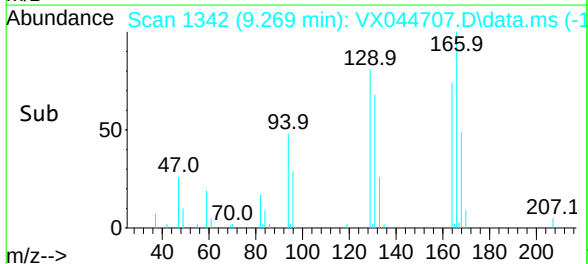
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



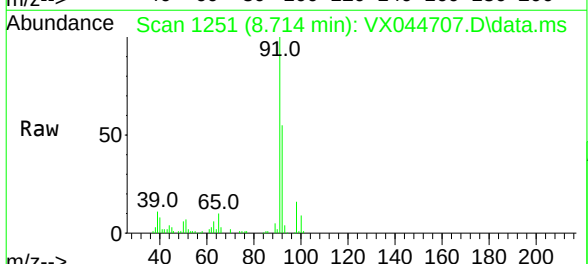
Tgt Ion:	164	Resp:	5078
Ion Ratio	Lower	Upper	
164	100		
166	134.6	105.6	158.4
129	108.5	82.8	124.2
131	90.9	80.2	120.4

Manual Integrations
APPROVED

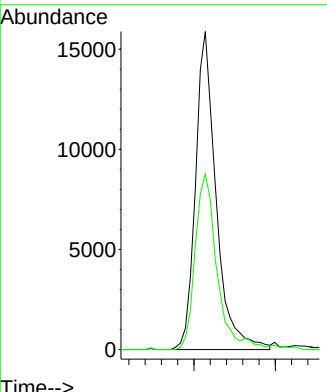
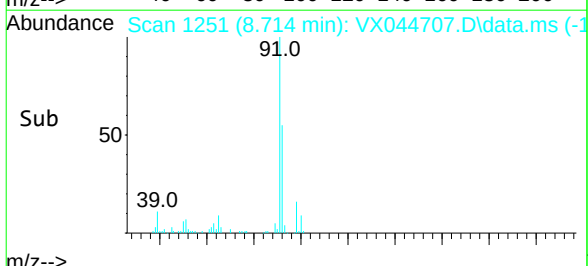
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

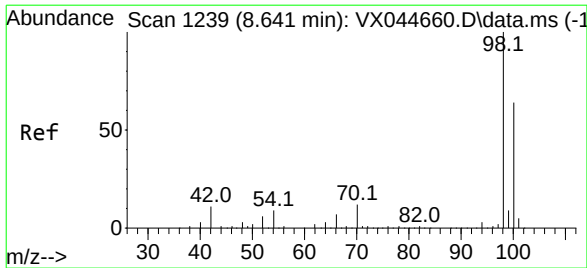


#62
Toluene
Concen: 2.632 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43



Tgt Ion:	91	Resp:	27937
Ion Ratio	Lower	Upper	
91	100		
92	56.0	47.3	70.9





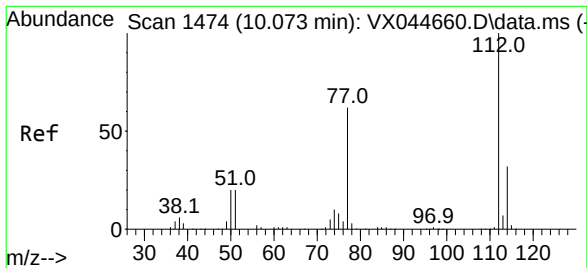
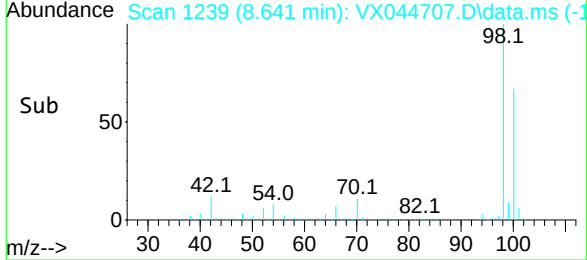
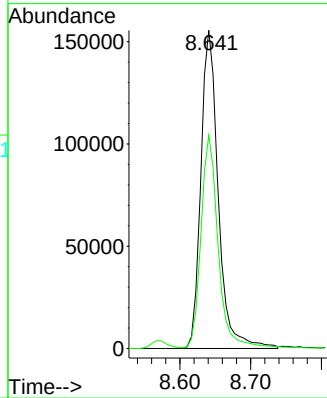
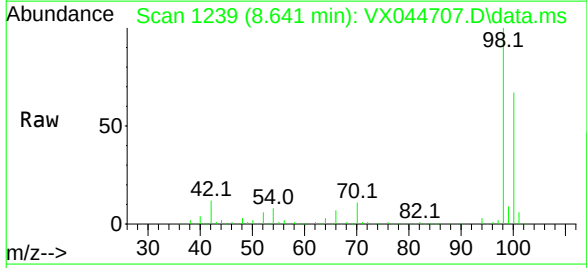
#63
Toluene-d8
Concen: 30.331 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 98 Resp: 265973
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4

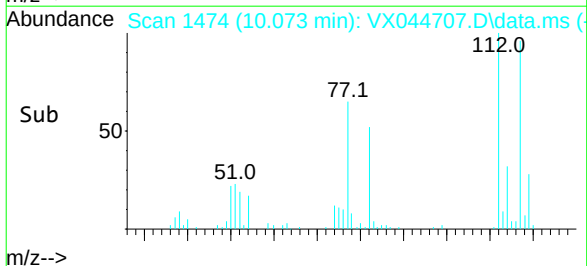
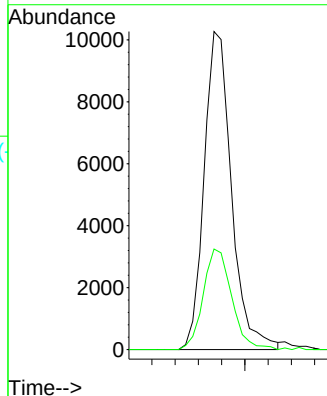
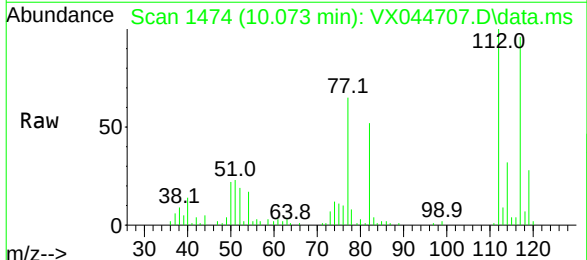
Manual Integrations
APPROVED

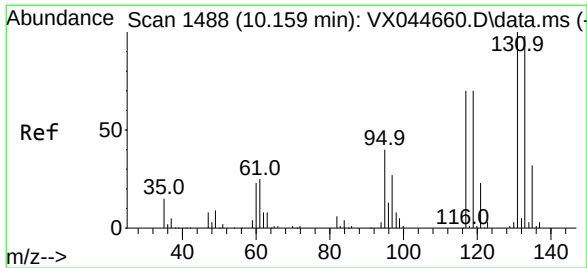
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#64
Chlorobenzene
Concen: 2.545 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

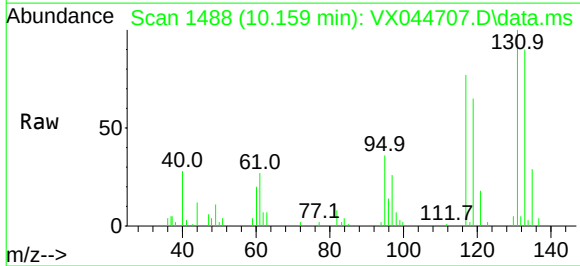
Tgt Ion:112 Resp: 16779
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 2.519 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

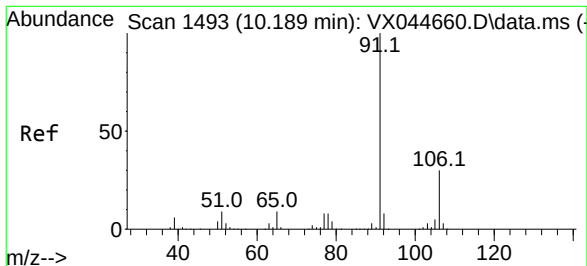
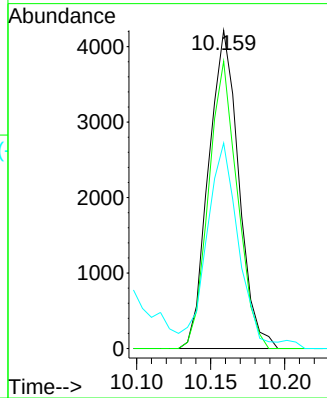
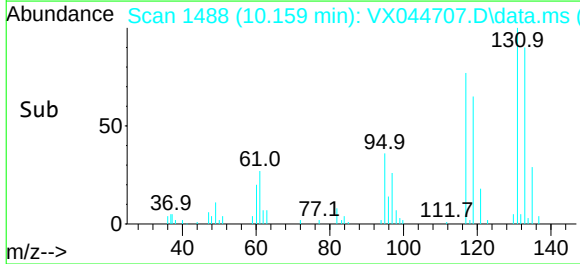
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 131 Resp: 5967
Ion Ratio Lower Upper
131 100
133 86.0 0.0 192.4
119 67.5 0.0 133.4

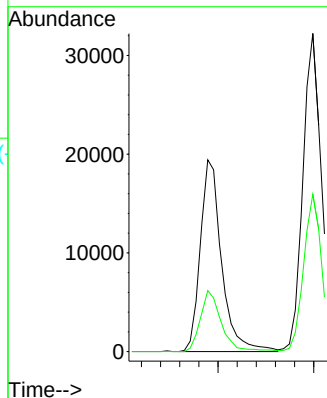
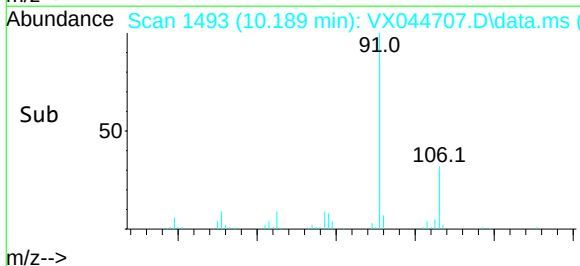
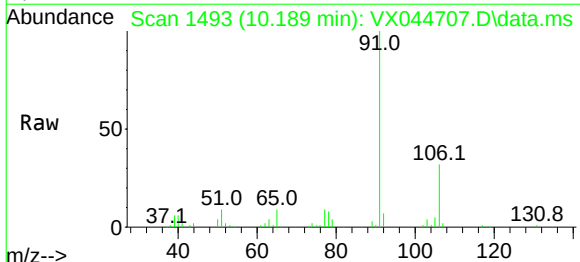
Manual Integrations
APPROVED

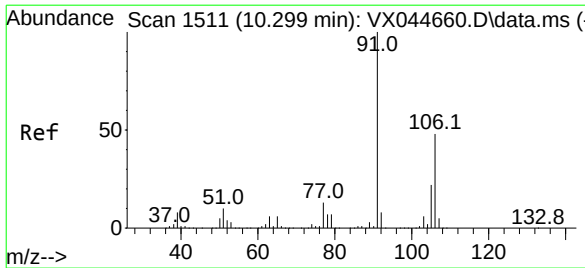
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#66
Ethyl Benzene
Concen: 2.593 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion: 91 Resp: 30045
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0





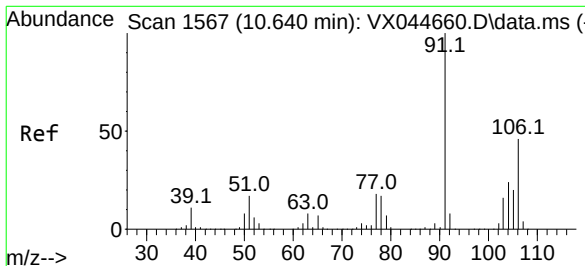
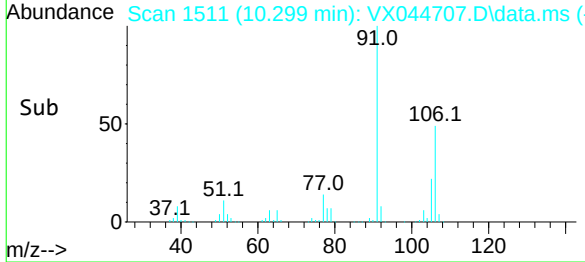
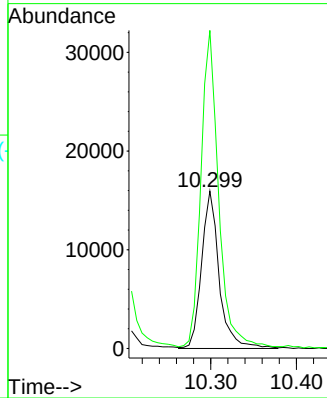
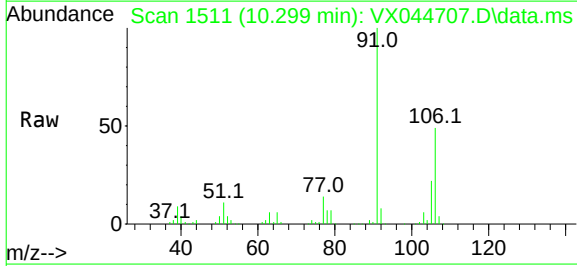
#67
m/p-Xylenes
Concen: 5.356 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:106 Resp: 22811
Ion Ratio Lower Upper
106 100
91 203.8 166.8 250.2

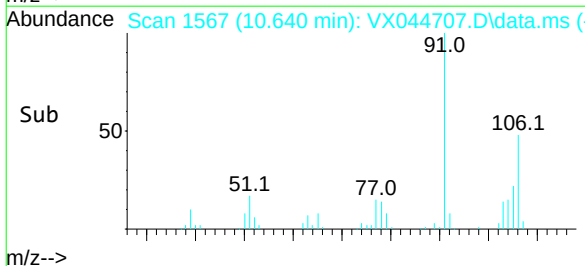
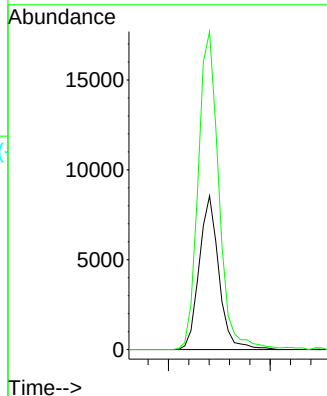
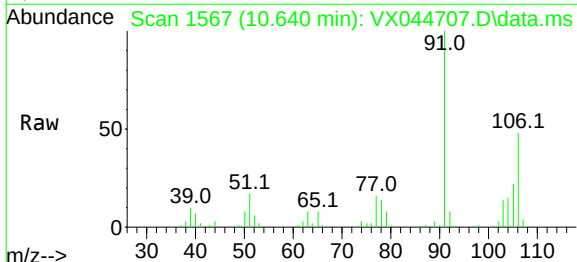
Manual Integrations
APPROVED

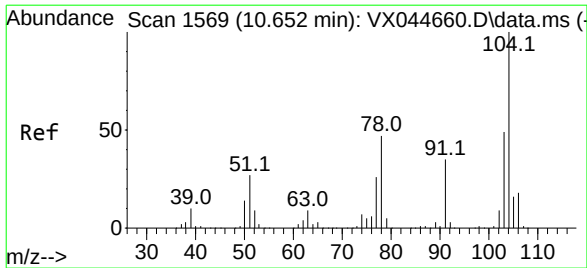
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#68
o-Xylene
Concen: 2.696 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion:106 Resp: 11522
Ion Ratio Lower Upper
106 100
91 216.3 109.7 329.1





#69

Styrene

Concen: 2.529 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

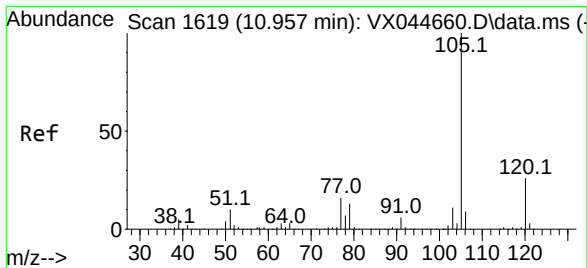
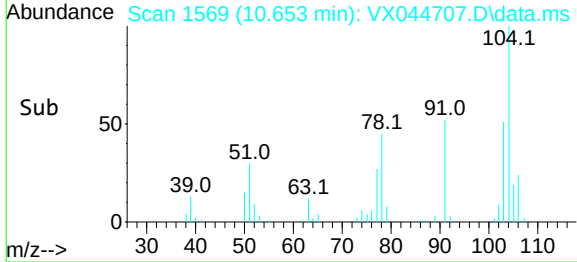
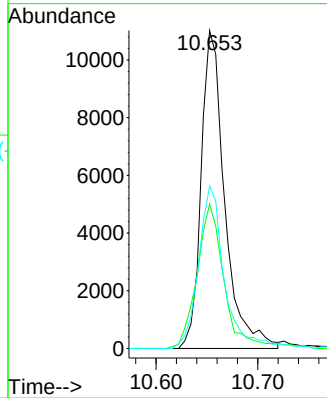
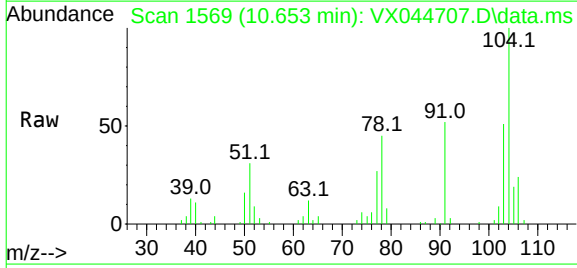
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	104	Resp:	17749
Ion Ratio	Lower	Upper	
104	100		
78	48.5	42.0	63.0
103	55.3	43.1	64.7

Manual Integrations

APPROVED

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



#70

Isopropylbenzene

Concen: 2.628 ug/l

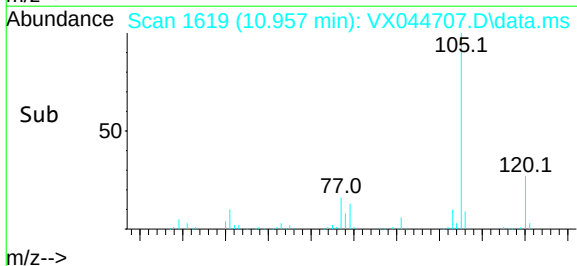
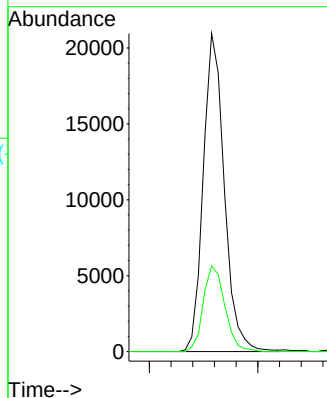
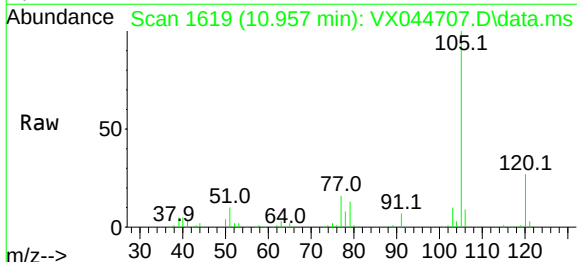
RT: 10.957 min Scan# 1619

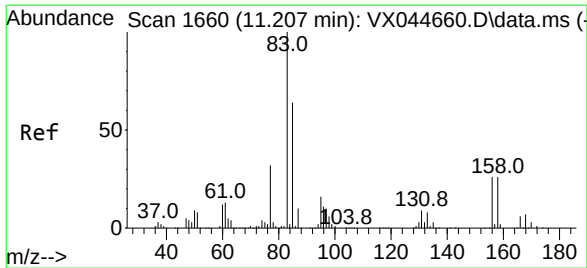
Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Tgt Ion:	105	Resp:	28243
Ion Ratio	Lower	Upper	
105	100		
120	27.6	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 2.585 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044707.D

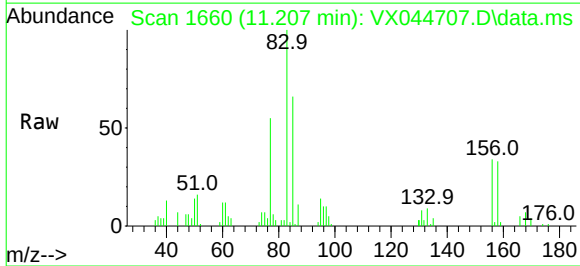
Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



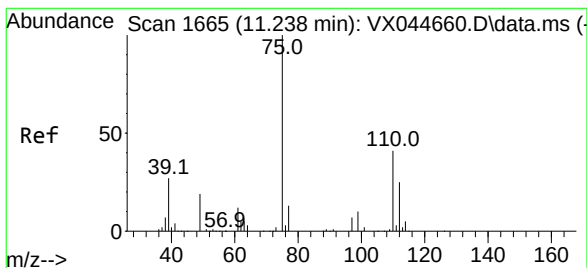
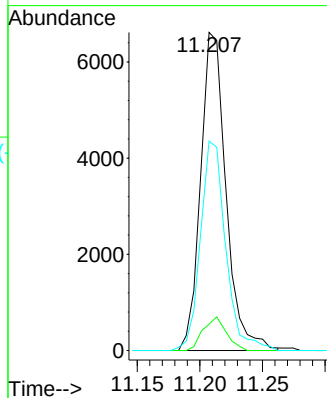
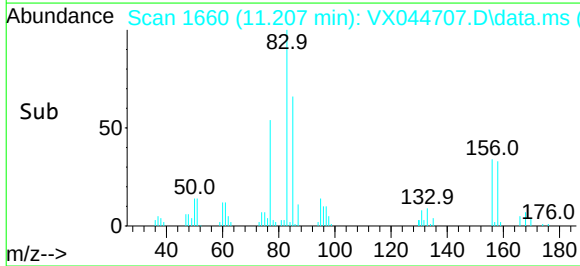
Tgt Ion:	83	Resp:	9336
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	63.8	33.0	99.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#72

1,2,3-Trichloropropane

Concen: 2.233 ug/l m

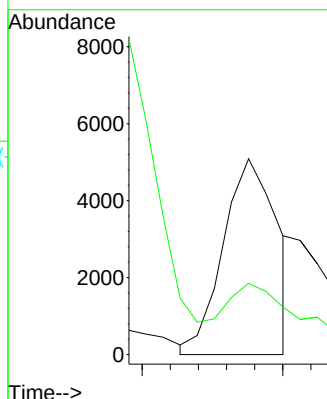
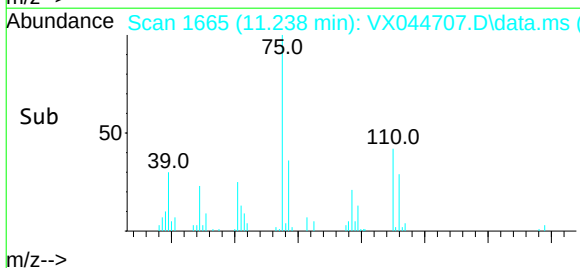
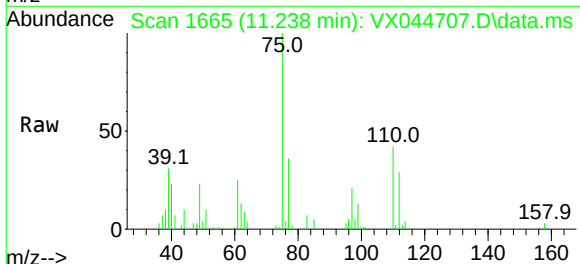
RT: 11.238 min Scan# 1665

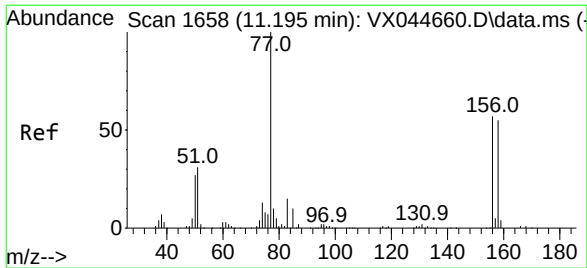
Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Tgt Ion:	75	Resp:	6785
Ion	Ratio	Lower	Upper
75	100		
77	55.7	0.0	83.0





#73

Bromobenzene

Concen: 2.396 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

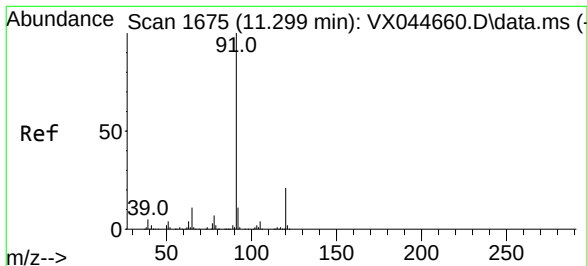
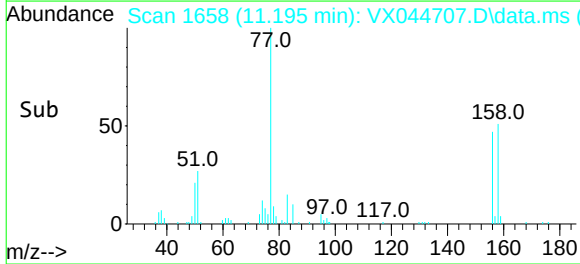
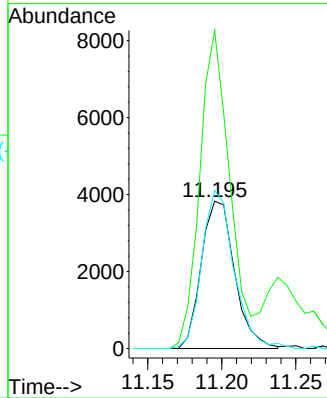
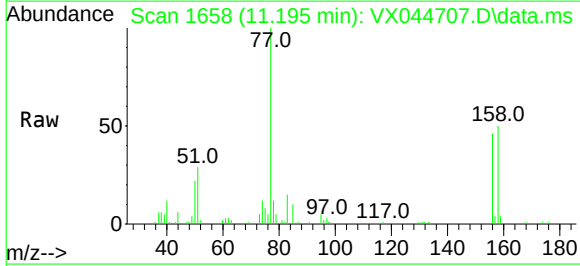
Tgt	Ion	156	Resp:	5997
Ion	Ratio	Lower	Upper	
156	100			
77	192.6	0.0	354.6	
158	103.3	0.0	193.6	

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#74

n-propylbenzene

Concen: 2.612 ug/l

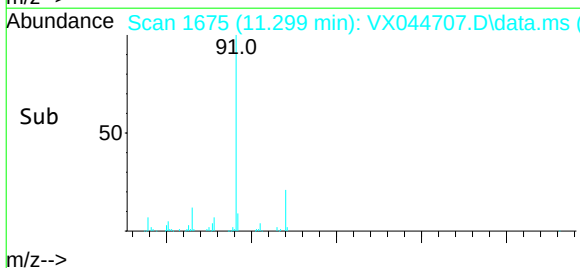
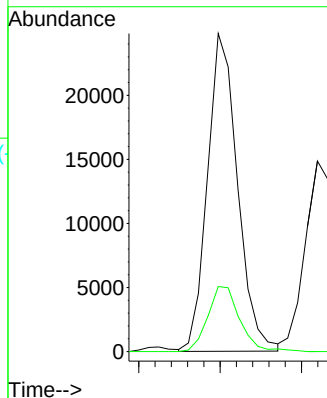
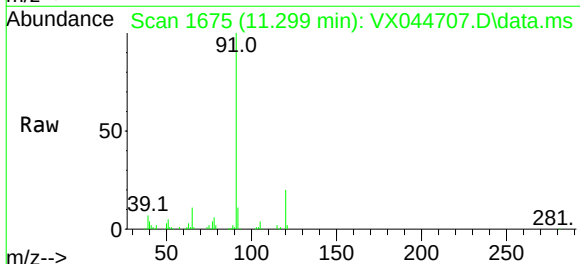
RT: 11.299 min Scan# 1675

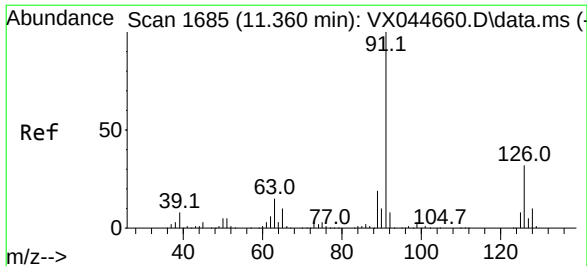
Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Tgt	Ion	91	Resp:	31873
Ion	Ratio	Lower	Upper	
91	100			
120	21.8	0.0	45.0	





#75

2-Chlorotoluene

Concen: 2.680 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 91 Resp: 20561

Ion Ratio Lower Upper

91 100

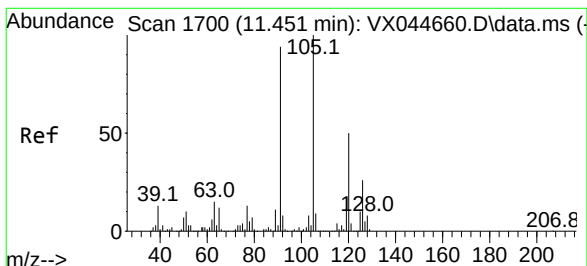
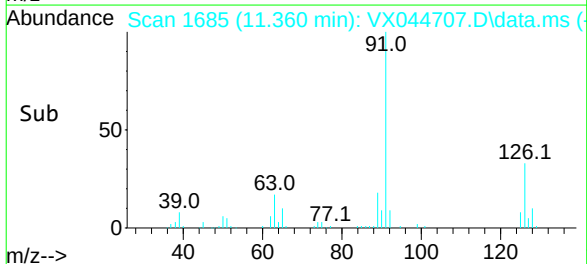
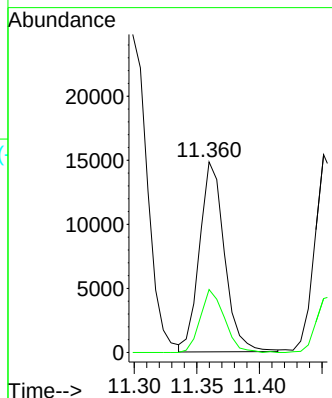
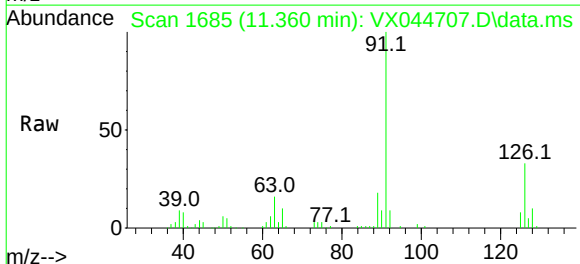
126 31.9 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#76

1,3,5-Trimethylbenzene

Concen: 2.678 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044707.D

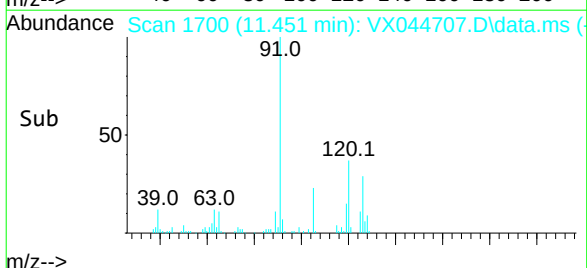
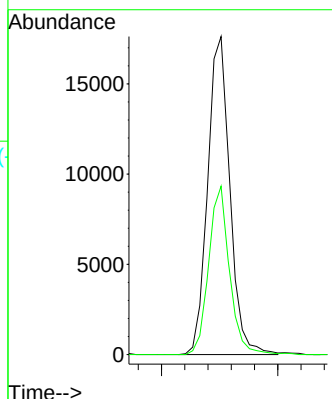
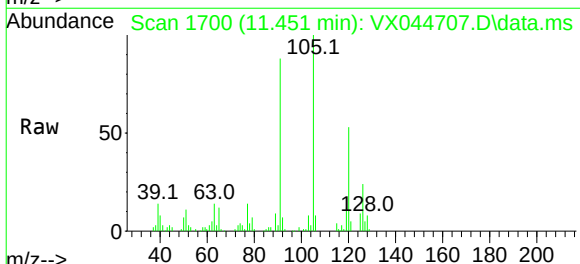
Acq: 23 Jan 2025 14:43

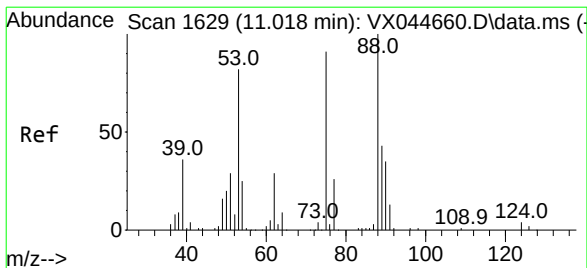
Tgt Ion:105 Resp: 23367

Ion Ratio Lower Upper

105 100

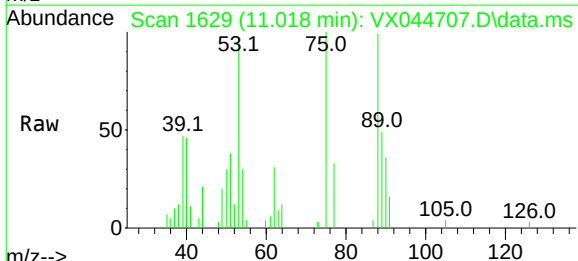
120 49.6 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 2.003 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

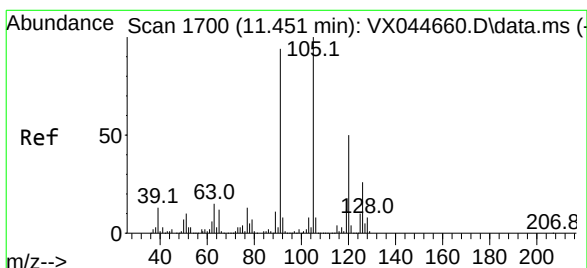
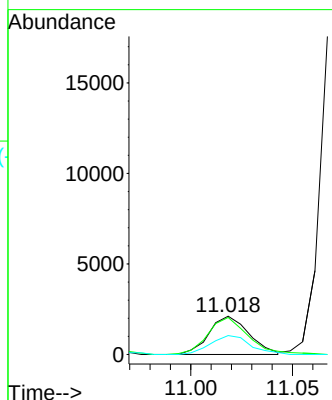
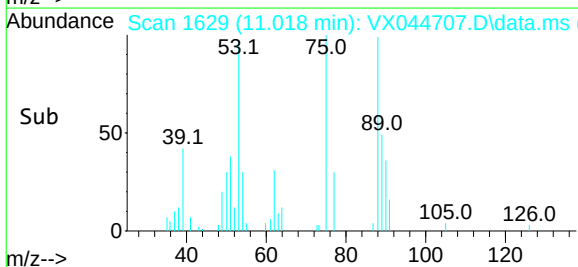
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 75 Resp: 2880
Ion Ratio Lower Upper
75 100
53 94.2 45.3 135.9
89 49.4 23.8 71.2

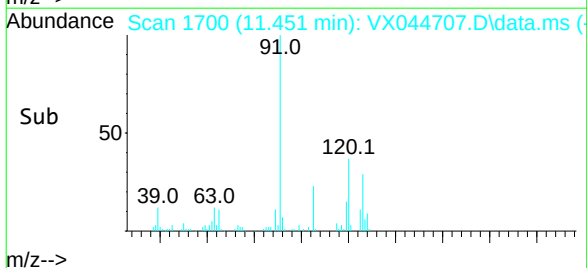
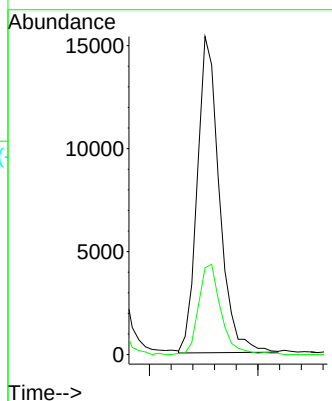
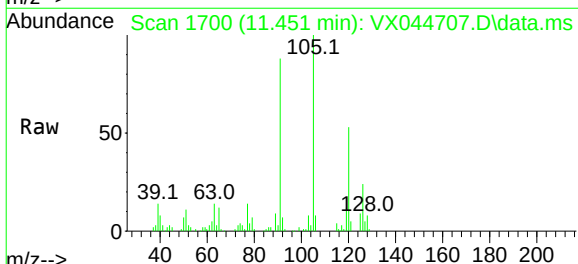
Manual Integrations
APPROVED

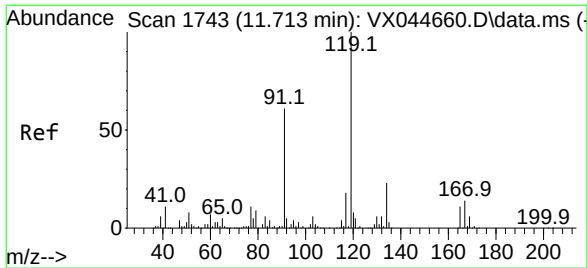
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#78
4-Chlorotoluene
Concen: 2.573 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion: 91 Resp: 21750
Ion Ratio Lower Upper
91 100
126 28.6 0.0 55.4





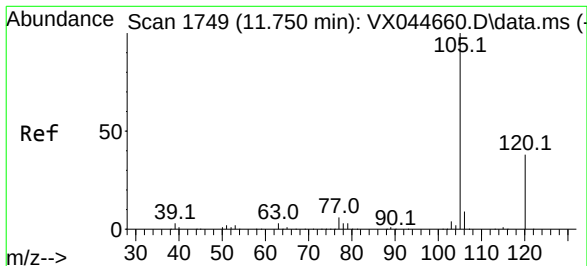
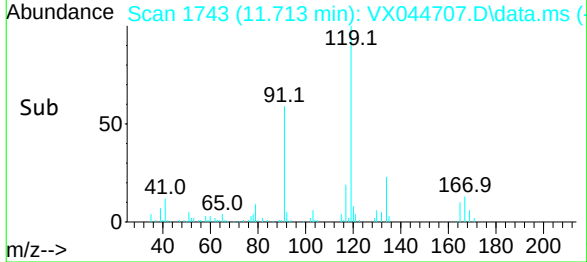
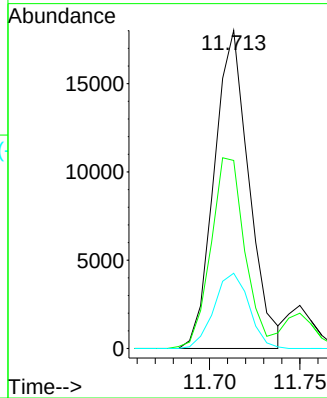
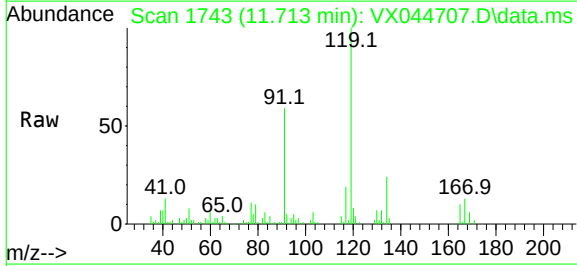
#79
tert-butylbenzene
Concen: 2.683 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion:119 Resp: 24056
Ion Ratio Lower Upper
119 100
91 58.7 0.0 119.0
134 23.8 0.0 44.8

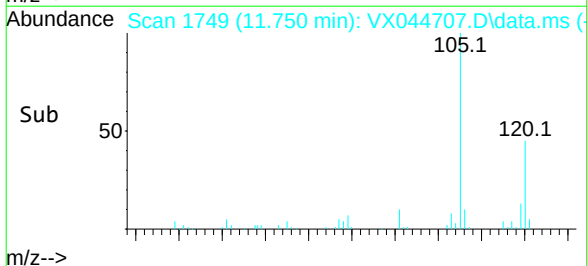
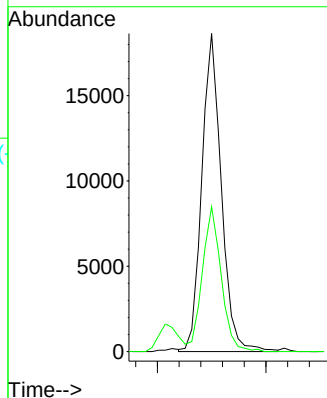
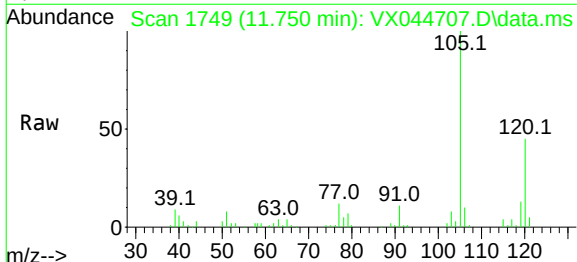
Manual Integrations
APPROVED

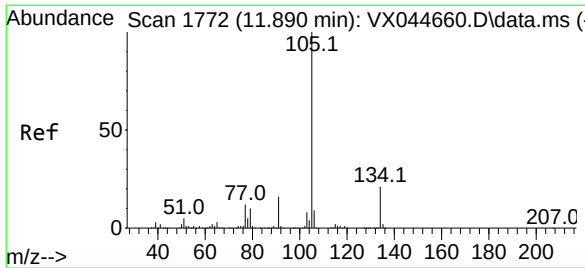
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 2.645 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

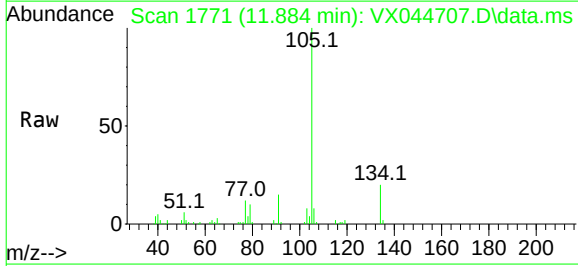
Tgt Ion:105 Resp: 23289
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.4





#81
sec-Butylbenzene
Concen: 2.713 ug/l
RT: 11.884 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

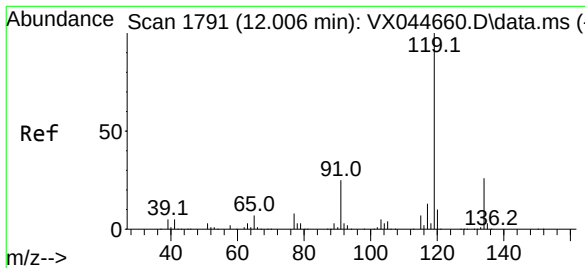
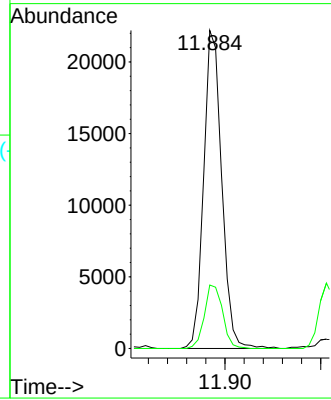
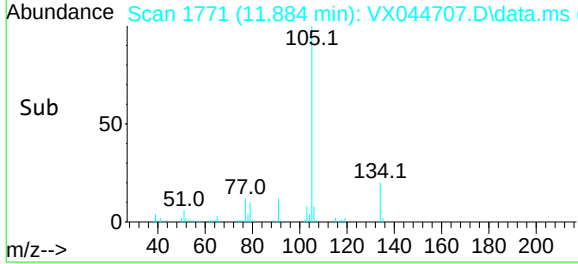
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



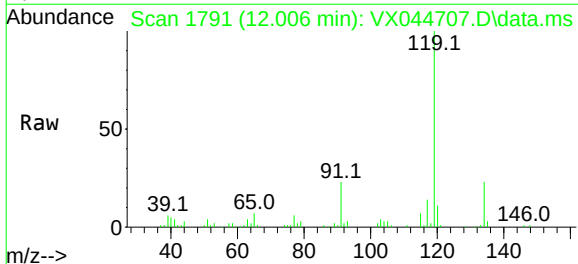
Tgt Ion:105 Resp: 29044
Ion Ratio Lower Upper
105 100
134 20.2 0.0 39.6

Manual Integrations
APPROVED

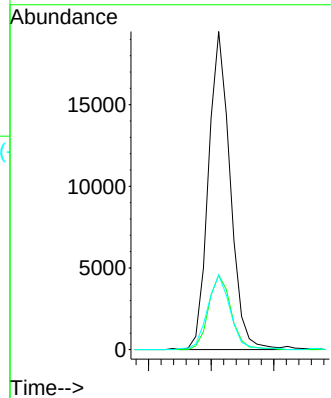
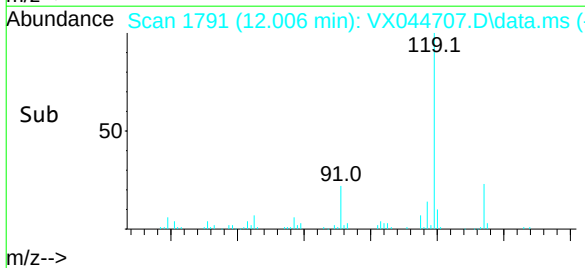
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

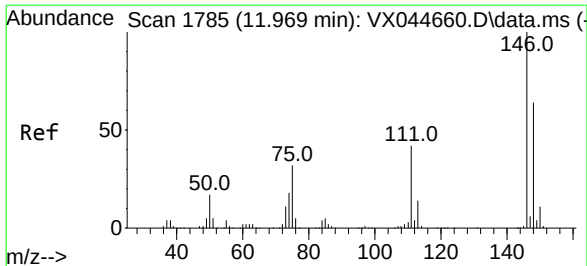


#82
p-Isopropyltoluene
Concen: 2.664 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43



Tgt Ion:119 Resp: 23467
Ion Ratio Lower Upper
119 100
134 24.2 0.0 52.2
91 24.6 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 2.595 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

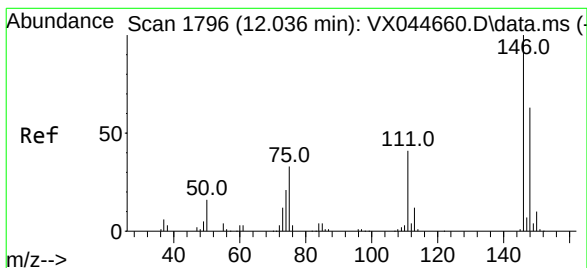
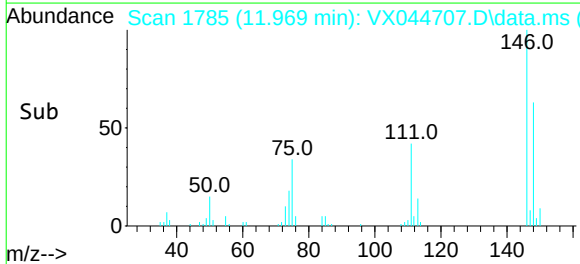
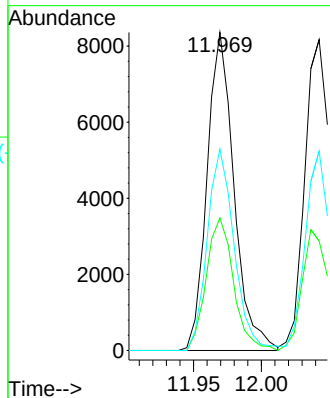
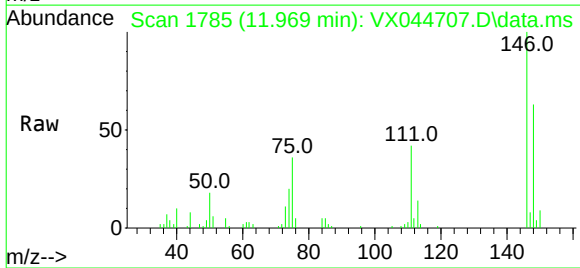
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	146	Resp:	11539
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.6	64.6
148	63.7	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: 2.677 ug/l

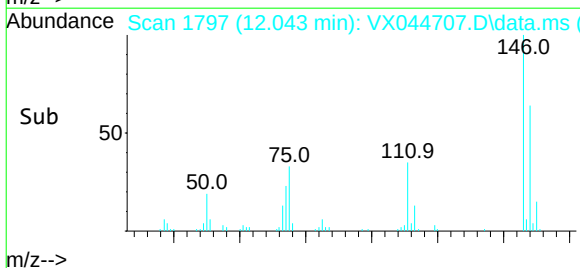
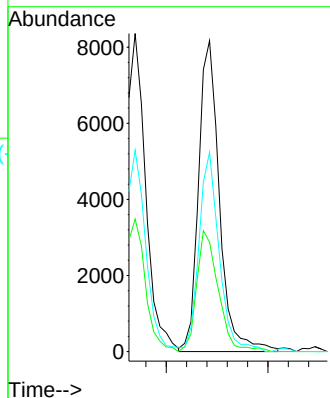
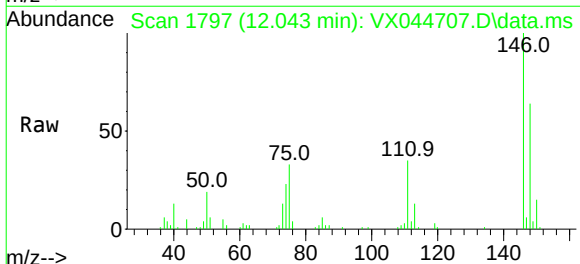
RT: 12.043 min Scan# 1797

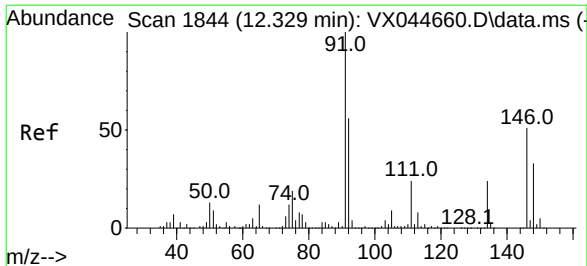
Delta R.T. 0.006 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Tgt Ion:	146	Resp:	11670
Ion Ratio	Lower	Upper	
146	100		
111	39.0	20.8	62.5
148	61.6	32.1	96.5





#85

n-Butylbenzene

Concen: 2.480 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

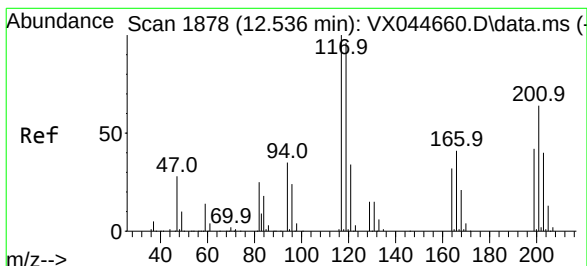
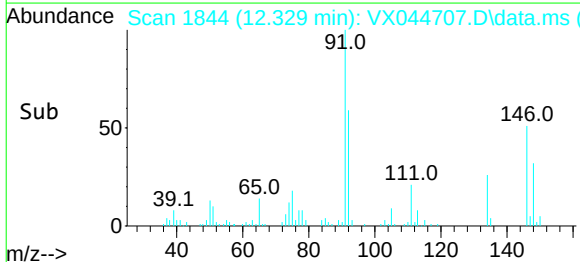
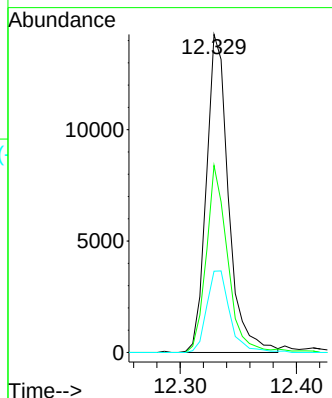
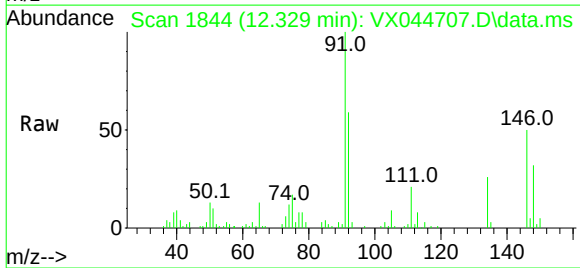
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	91	Resp:	18937
Ion Ratio	Lower	Upper	
91	100		
92	56.1	0.0	109.4
134	26.7	0.0	49.2

Manual Integrations

APPROVED

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



#86

Hexachloroethane

Concen: 2.600 ug/l

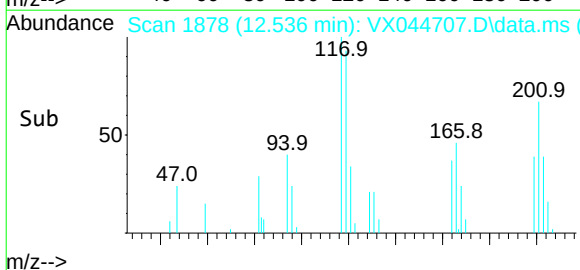
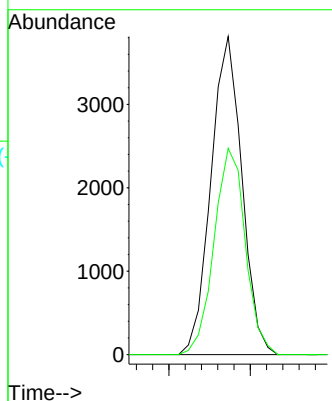
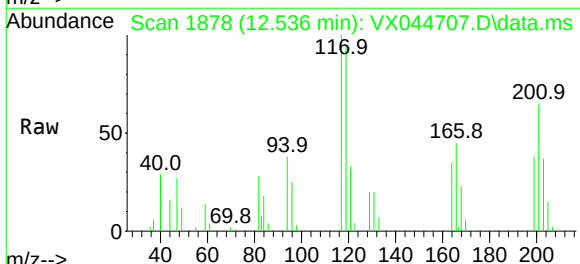
RT: 12.536 min Scan# 1878

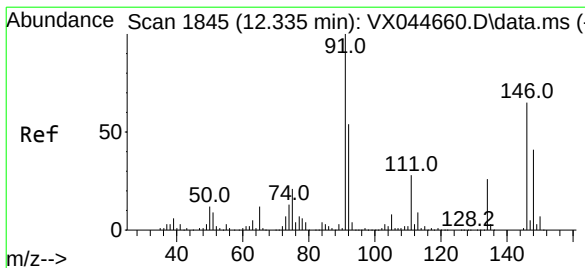
Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Tgt Ion:	117	Resp:	5039
Ion Ratio	Lower	Upper	
117	100		
201	65.4	33.0	98.9





#87

1,2-Dichlorobenzene

Concen: 2.641 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

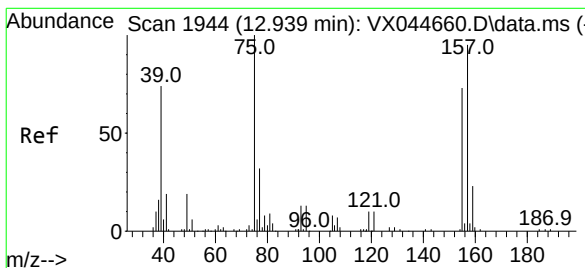
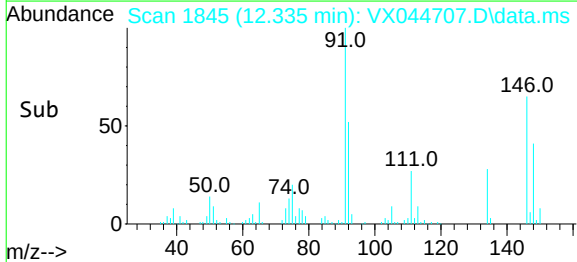
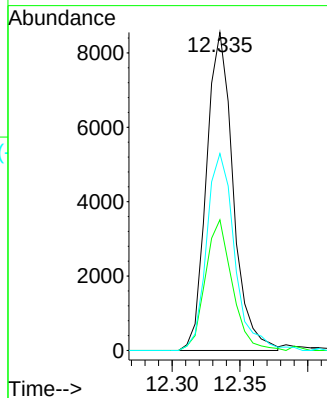
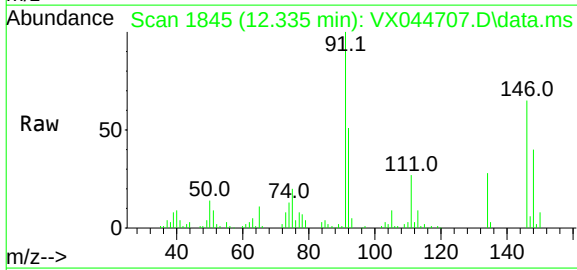
Tgt Ion:	146	Resp:	11726
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.2	66.6
148	64.7	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.060 ug/l

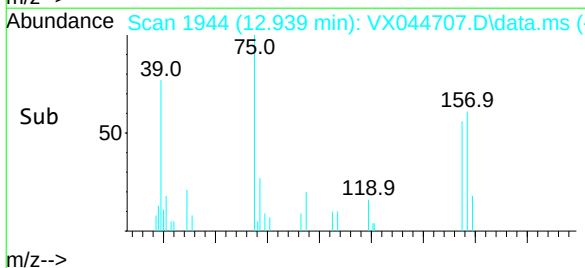
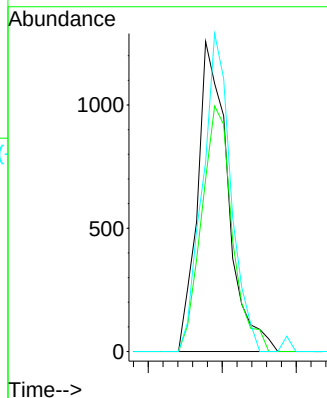
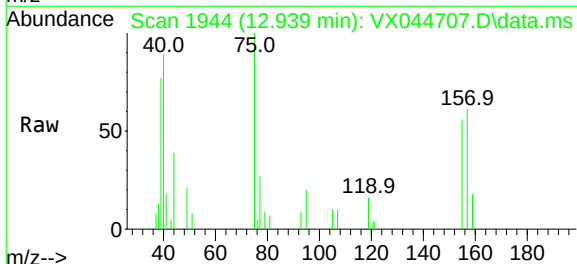
RT: 12.939 min Scan# 1944

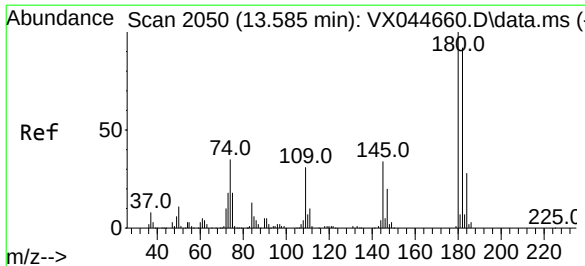
Delta R.T. 0.000 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Tgt Ion:	75	Resp:	1792
Ion	Ratio	Lower	Upper
75	100		
155	80.0	62.3	93.5
157	95.8	79.9	119.9





#89

1,2,4-Trichlorobenzene

Concen: 2.449 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

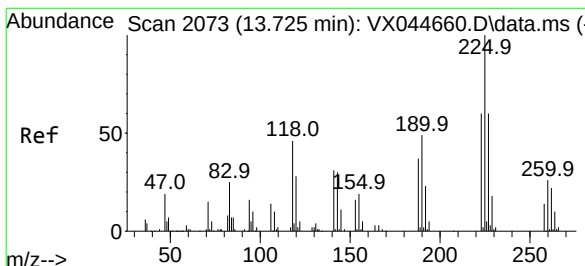
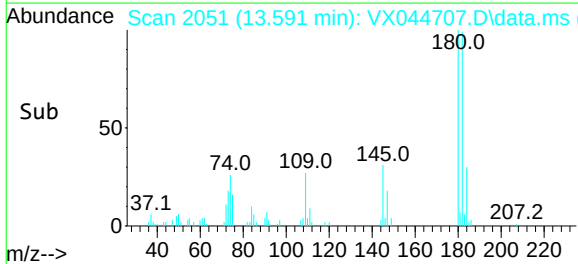
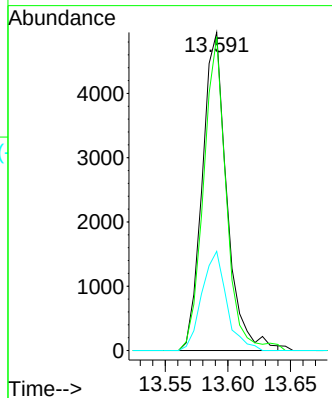
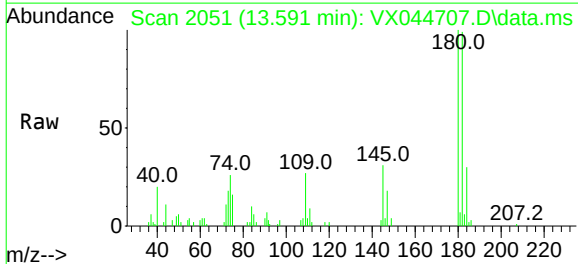
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	180	Resp:	6756
Ion Ratio	Lower	Upper	
180	100		
182	90.2	75.6	113.4
145	31.4	26.6	40.0

Manual Integrations

APPROVED

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



#90

Hexachlorobutadiene

Concen: 2.884 ug/l

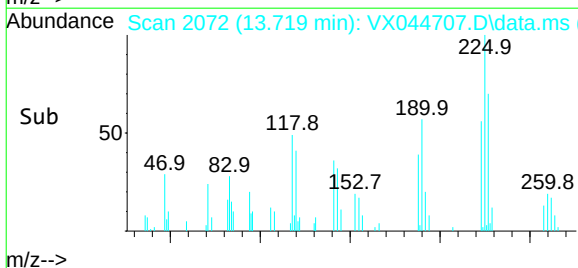
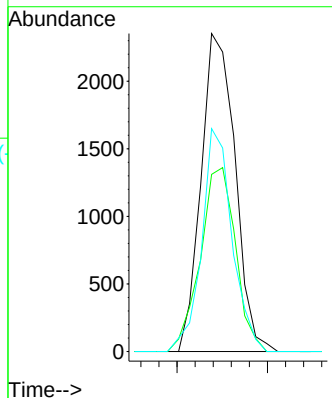
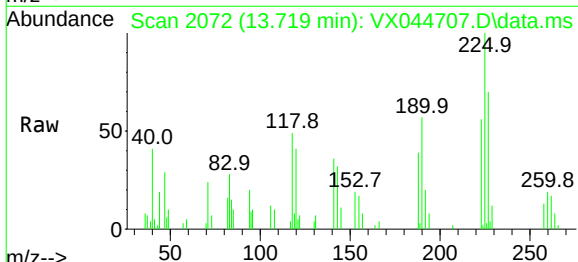
RT: 13.719 min Scan# 2072

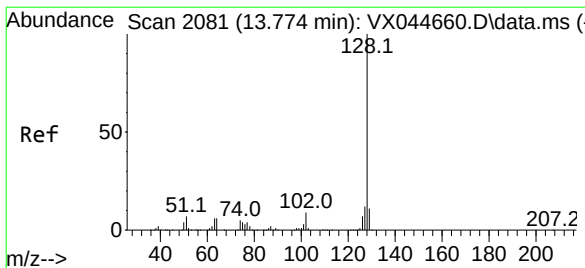
Delta R.T. -0.006 min

Lab File: VX044707.D

Acq: 23 Jan 2025 14:43

Tgt Ion:	225	Resp:	3078
Ion Ratio	Lower	Upper	
225	100		
223	59.9	0.0	123.0
227	62.6	0.0	124.2





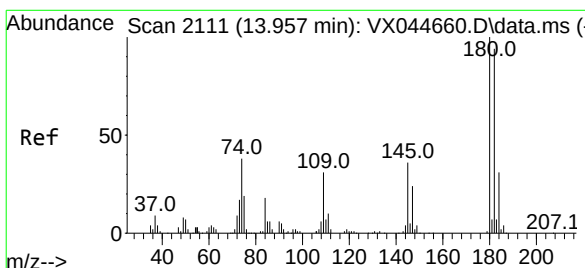
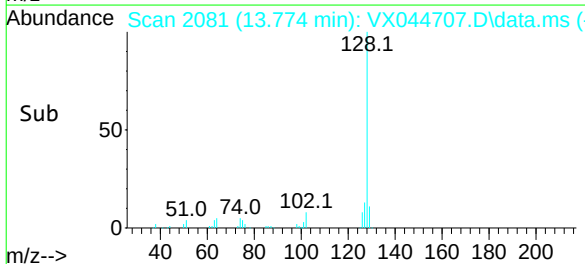
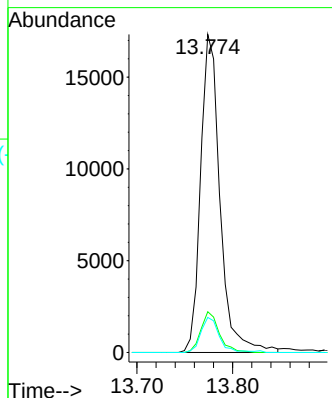
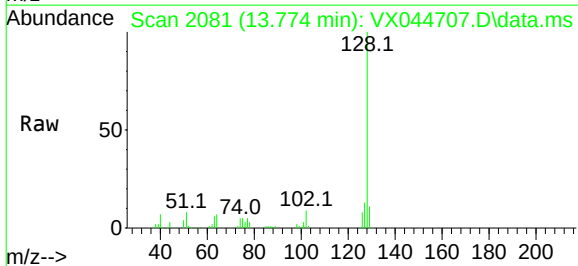
#91
Naphthalene
Concen: 2.371 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion:128 Resp: 24473
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 10.1 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: 2.499 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044707.D
Acq: 23 Jan 2025 14:43

Tgt Ion:180 Resp: 7014
Ion Ratio Lower Upper
180 100
182 87.0 0.0 187.8
145 36.9 0.0 69.8

