

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044672.D
 Acq On : 16 Jan 2025 14:46
 Operator :
 Sample : P4368-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Jan 17 02:52:20 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 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

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

Internal Standards						
1) Bromochloromethane	4.891	128	35805	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	198108	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	172163	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	102195	29.565	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.567%	
60) 4-Bromofluorobenzene	11.079	95	98845	29.559	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.533%	
63) Toluene-d8	8.641	98	289593	30.926	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	103.100%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	7683m	2.413	ug/l	
3) Chloromethane	1.295	50	10435	3.116	ug/l	93
4) Vinyl Chloride	1.374	62	8590m	2.622	ug/l	
5) Bromomethane	1.593	94	2404	3.036	ug/l	89
6) Chloroethane	1.660	64	1988	3.827	ug/l	97
7) Trichlorofluoromethane	1.861	101	9474	2.640	ug/l	97
8) Diethyl Ether	2.130	74	3772	2.725	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	7003	2.724	ug/l	97
10) 1,1-Dichloroethene	2.307	96	7266	2.747	ug/l	99
11) Methyl Iodide	2.441	142	7475	2.040	ug/l	95
12) Methyl Acetate	2.703	43	10789	2.794	ug/l	95
13) Acrolein	2.239	56	6185	14.485	ug/l	91
14) Acrylonitrile	3.069	53	20492	14.565	ug/l	99
15) Acetone	2.386	58	5676	15.035	ug/l	76
16) Carbon Disulfide	2.496	76	20451	2.783	ug/l	100
17) Allyl chloride	2.654	41	12745	2.672	ug/l	94
18) Methylene Chloride	2.776	84	8400	2.838	ug/l	90
19) trans-1,2-Dichloroethene	3.081	96	7814	2.971	ug/l	87
20) Diisopropyl ether	3.757	45	24600	2.842	ug/l #	80
21) 1,1-Dichloroethane	3.605	63	14467	2.817	ug/l	96
22) cis-1,2-Dichloroethene	4.483	96	9239	2.839	ug/l	99
23) tert-Butyl Alcohol	2.977	59	9295m	13.659	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	25028	2.731	ug/l	97
25) Chloroform	5.093	83	14569	2.855	ug/l	95
26) Cyclohexane	5.458	56	13277	3.076	ug/l #	95
29) 1,1-Dichloropropene	5.684	75	9354	2.715	ug/l	83
30) 2-Butanone	4.568	43	25232	13.330	ug/l	97
31) 2,2-Dichloropropane	4.459	77	13635	2.859	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	12827	2.809	ug/l	99
33) Carbon Tetrachloride	5.660	117	10454	2.714	ug/l	99
34) Benzene	6.031	78	30189	2.746	ug/l	99
35) Methacrylonitrile	4.928	41	5548m	2.622	ug/l	
36) 1,2-Dichloroethane	6.086	62	10468	2.663	ug/l	100
37) Trichloroethene	7.123	130	7259	2.735	ug/l	97
38) Methylcyclohexane	7.373	83	13113	2.801	ug/l	96
39) 1,2-Dichloropropane	7.428	63	7532	2.747	ug/l #	83
40) Dibromomethane	7.580	93	5765	2.829	ug/l	97
41) Bromodichloromethane	7.818	83	11658	2.770	ug/l	99
42) Vinyl Acetate	3.721	43	107373	14.283	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044672.D
 Acq On : 16 Jan 2025 14:46
 Operator :
 Sample : P4368-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 02:52:20 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	9689	2.609	ug/l	# 95
44) Isopropyl Acetate	6.348	43	18451	2.766	ug/l	98
45) 1,4-Dioxane	7.678	88	2989	47.056	ug/l	93
46) Methyl methacrylate	7.702	41	8367	2.562	ug/l	95
47) n-amyl Acetate	10.842	43	15579	2.783	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	11552	2.601	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	12947	2.718	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	7712	2.938	ug/l	91
51) Ethyl methacrylate	9.122	69	12368	2.712	ug/l	95
52) 1,3-Dichloropropane	9.305	76	12533	2.761	ug/l	96
53) Dibromochloromethane	9.519	129	8882	2.832	ug/l	99
54) 1,2-Dibromoethane	9.610	107	8018	2.890	ug/l	95
55) 2-Chloroethyl vinyl ether	8.238	63	21738	9.825	ug/l	98
56) Bromoform	10.799	173	5795	2.786	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	53297	14.687	ug/l	99
59) 2-Hexanone	9.433	43	38849	14.623	ug/l	99
61) Tetrachloroethene	9.275	164	5738	2.778	ug/l	91
62) Toluene	8.714	91	32478	2.865	ug/l	100
64) Chlorobenzene	10.080	112	19930	2.831	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.159	131	7192	2.844	ug/l	97
66) Ethyl Benzene	10.189	91	34171	2.762	ug/l	100
67) m/p-Xylenes	10.299	106	24502	5.388	ug/l	92
68) o-Xylene	10.640	106	13277	2.909	ug/l	97
69) Styrene	10.653	104	21051	2.809	ug/l	98
70) Isopropylbenzene	10.957	105	32694	2.849	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	11783	3.055	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	9864m	3.040	ug/l	
73) Bromobenzene	11.201	156	7243	2.710	ug/l	98
74) n-propylbenzene	11.305	91	34306	2.632	ug/l	99
75) 2-Chlorotoluene	11.360	91	23236	2.836	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	26513	2.845	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	4395	2.863	ug/l	88
78) 4-Chlorotoluene	11.451	91	23996	2.658	ug/l	97
79) tert-butylbenzene	11.713	119	27410	2.863	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	26066	2.773	ug/l	99
81) sec-Butylbenzene	11.890	105	31924	2.793	ug/l	100
82) p-Isopropyltoluene	12.006	119	25625	2.724	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	12802	2.696	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	12516	2.689	ug/l	96
85) n-Butylbenzene	12.329	91	20750	2.544	ug/l	98
86) Hexachloroethane	12.536	117	5619	2.715	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	13568	2.862	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	2721	2.929	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	7450	2.529	ug/l	99
90) Hexachlorobutadiene	13.719	225	3152	2.766	ug/l	93
91) Naphthalene	13.774	128	29831	2.706	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	7455	2.488	ug/l	96

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

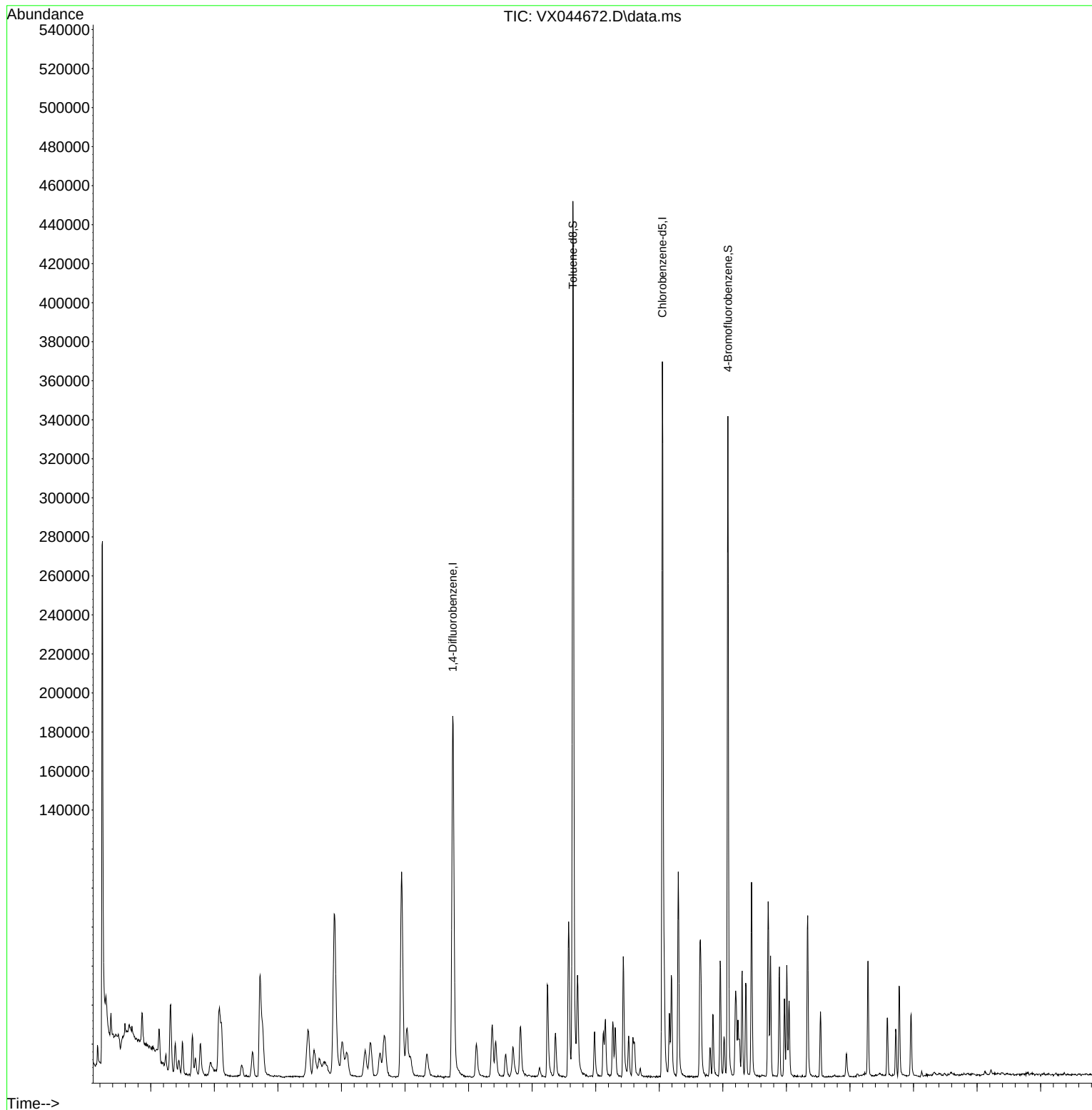
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044672.D
Acq On : 16 Jan 2025 14:46
Operator :
Sample : P4368-09 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

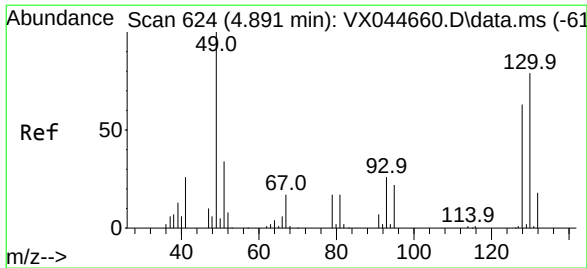
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Quant Time: Jan 17 02:52:20 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

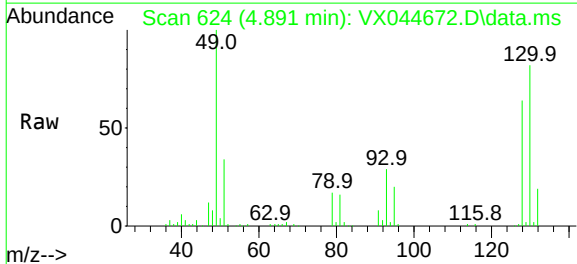
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

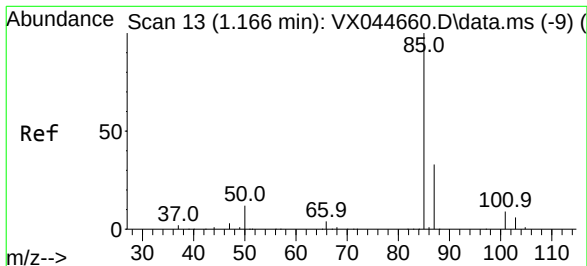
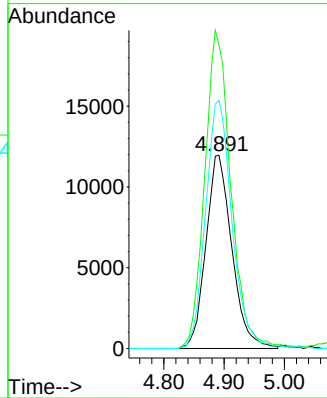
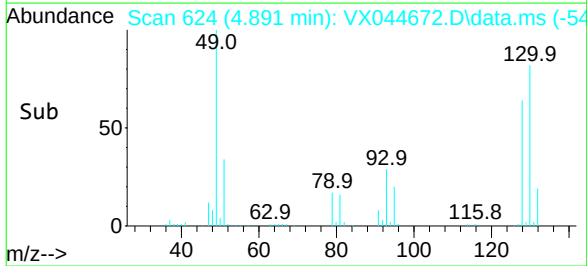
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:128 Resp: 35805
Ion Ratio Lower Upper
128 100
49 164.6 0.0 411.5
130 130.7 0.0 324.3

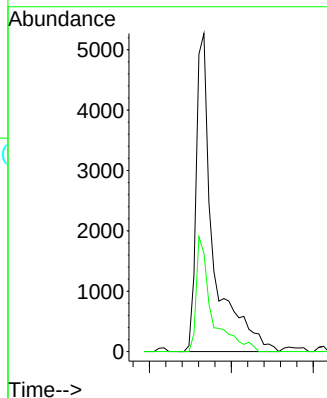
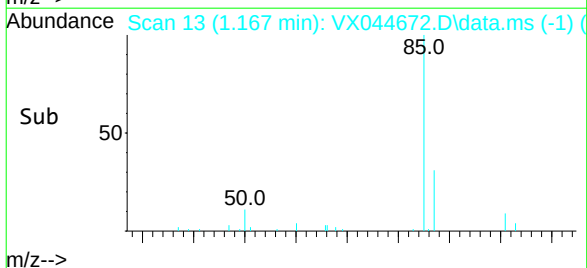
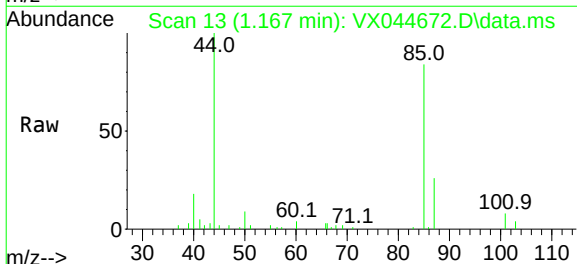
Manual Integrations
APPROVED

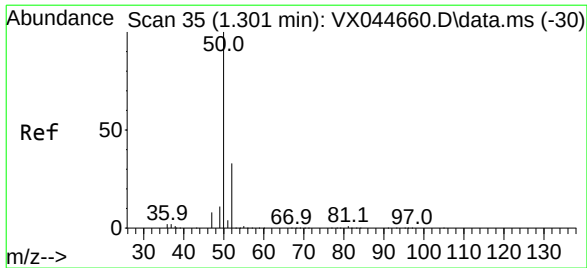
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#2
Dichlorodifluoromethane
Concen: 2.413 ug/l m
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 85 Resp: 7683
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.8





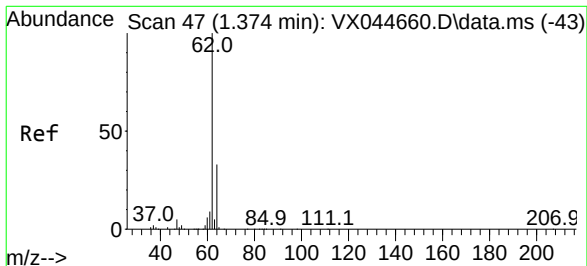
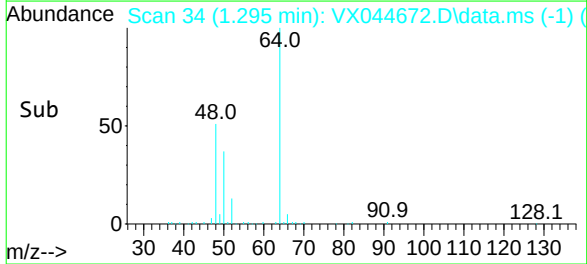
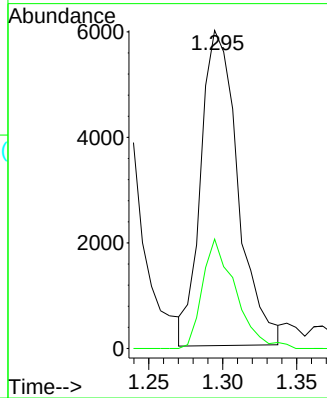
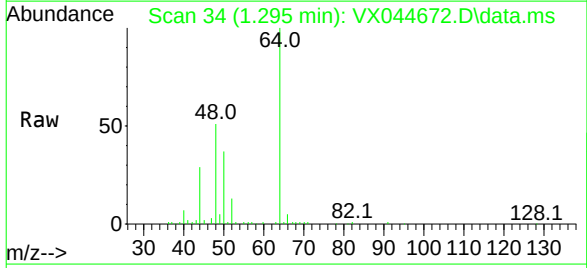
#3
Chloromethane
Concen: 3.116 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 50 Resp: 10435
Ion Ratio Lower Upper
50 100
52 37.1 26.5 39.7

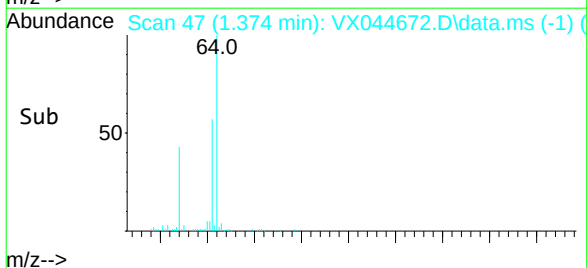
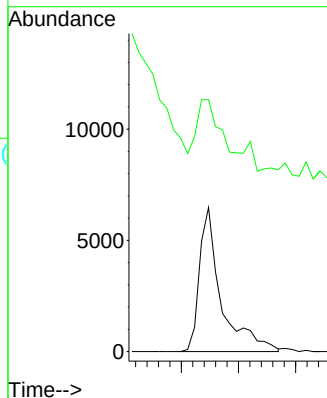
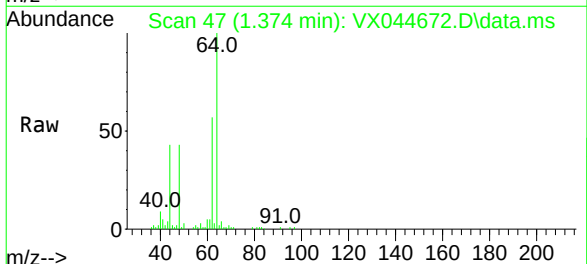
Manual Integrations
APPROVED

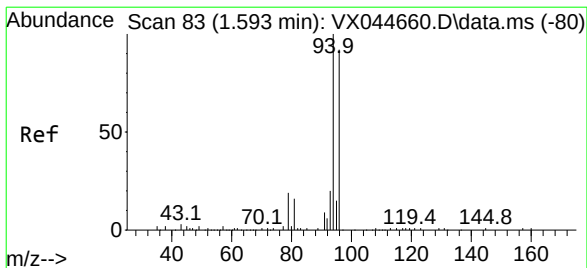
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#4
Vinyl Chloride
Concen: 2.622 ug/l m
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 62 Resp: 8590
Ion Ratio Lower Upper
62 100
64 174.8 27.3 40.9#





#5

Bromomethane

Concen: 3.036 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044672.D

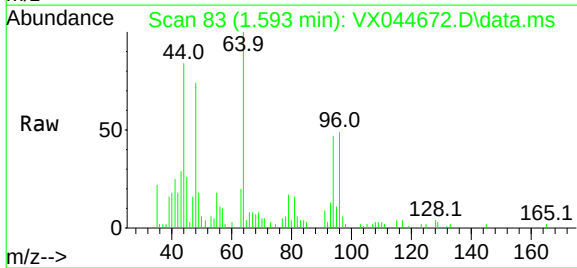
Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion: 94 Resp: 2404

Ion Ratio Lower Upper

94 100

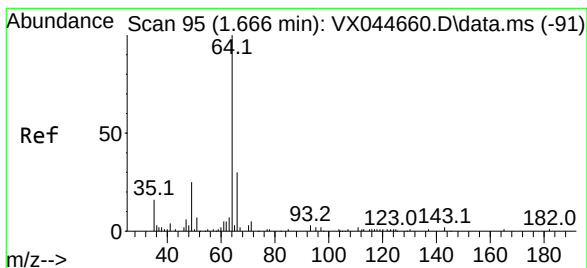
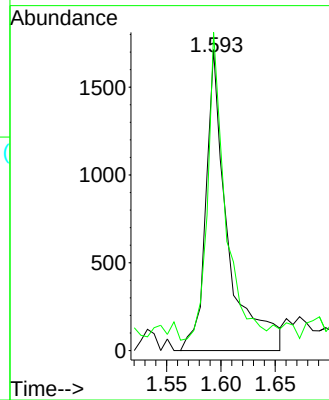
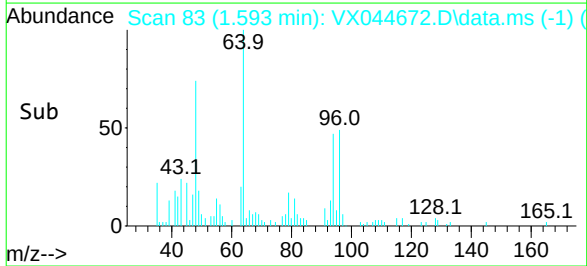
96 102.3 73.3 109.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#6

Chloroethane

Concen: 3.827 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX044672.D

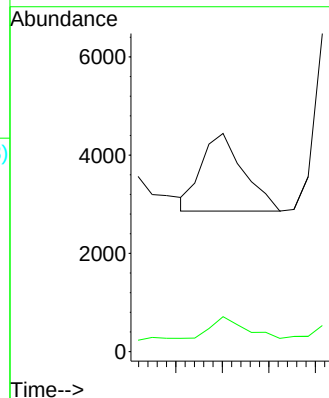
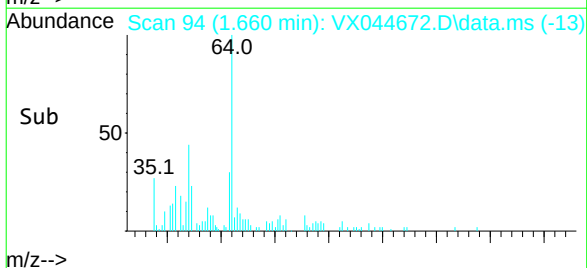
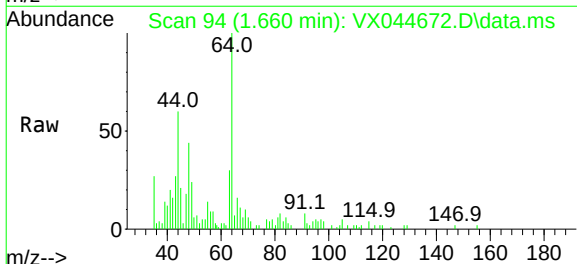
Acq: 16 Jan 2025 14:46

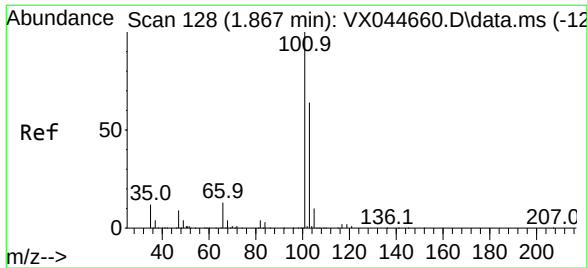
Tgt Ion: 64 Resp: 1988

Ion Ratio Lower Upper

64 100

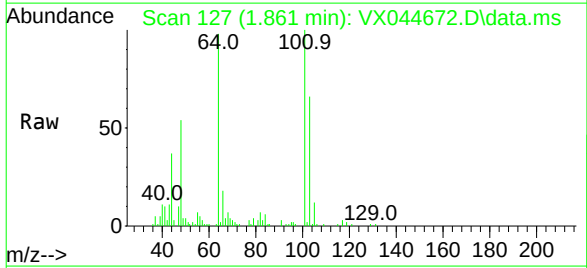
66 28.0 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 2.640 ug/l
 RT: 1.861 min Scan# 12
 Delta R.T. -0.006 min
 Lab File: VX044672.D
 Acq: 16 Jan 2025 14:46

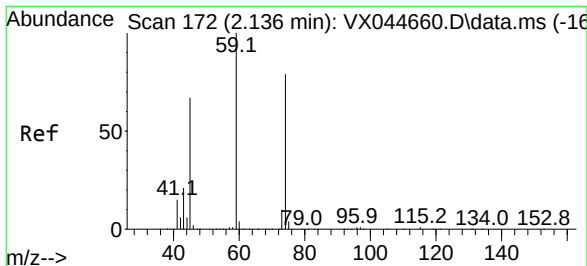
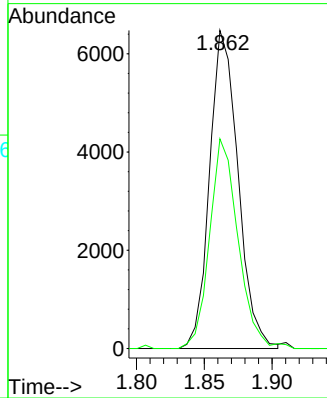
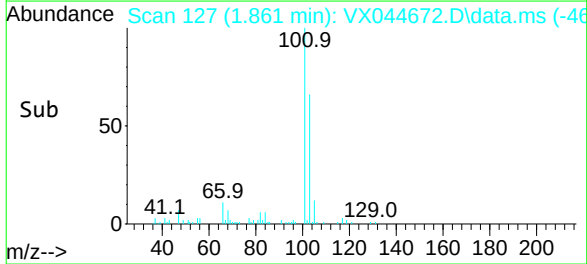
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2024



Tgt Ion: 101 Resp: 9474
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.1 76.7

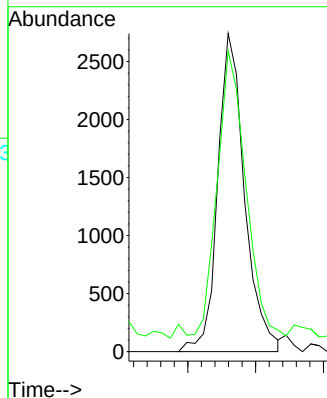
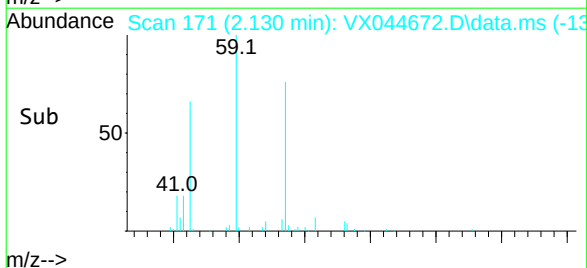
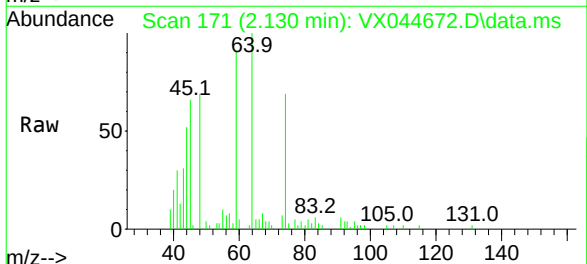
Manual Integrations
 APPROVED

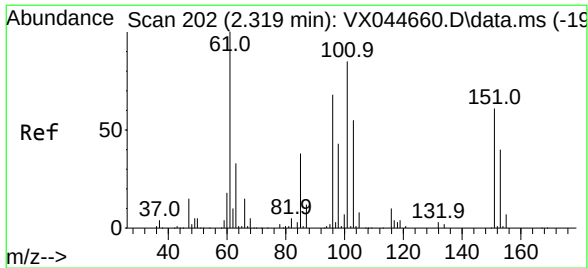
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#8
 Diethyl Ether
 Concen: 2.725 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044672.D
 Acq: 16 Jan 2025 14:46

Tgt Ion: 74 Resp: 3772
 Ion Ratio Lower Upper
 74 100
 45 98.6 18.8 168.8





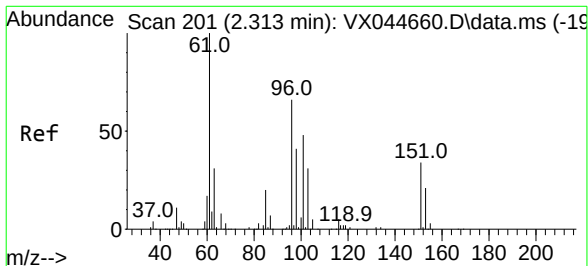
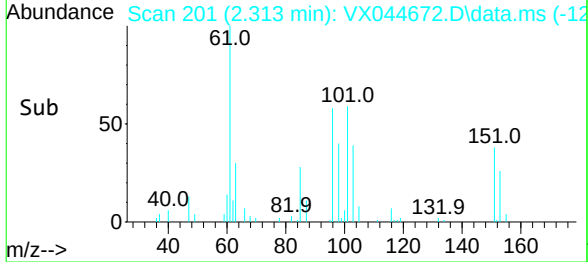
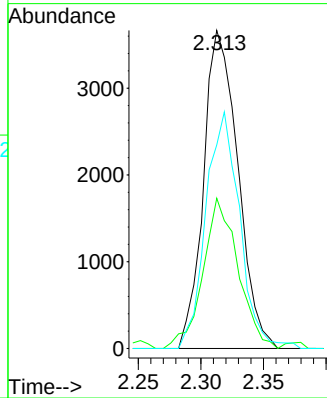
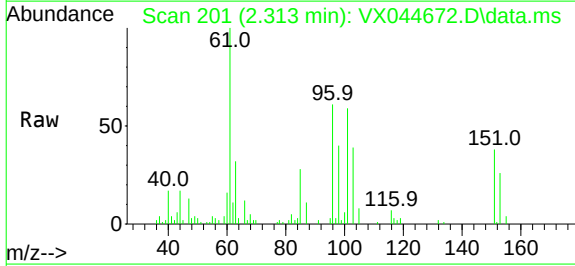
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.724 ug/l
RT: 2.313 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:	101	Resp:	7003
Ion	Ratio	Lower	Upper
101	100		
85	48.2	0.0	88.0
151	73.0	0.0	147.0

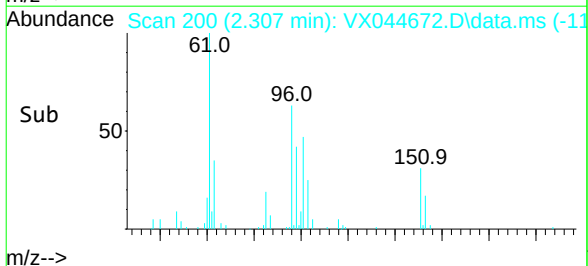
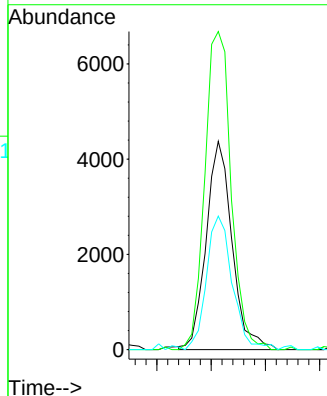
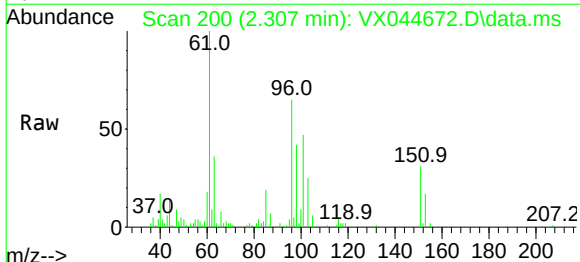
Manual Integrations
APPROVED

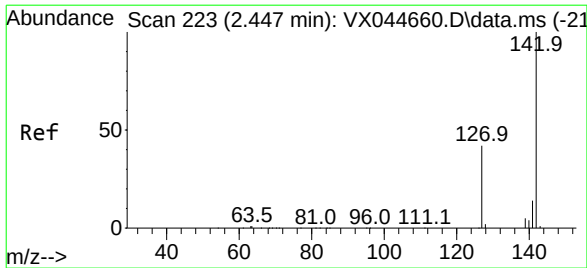
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#10
1,1-Dichloroethene
Concen: 2.747 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

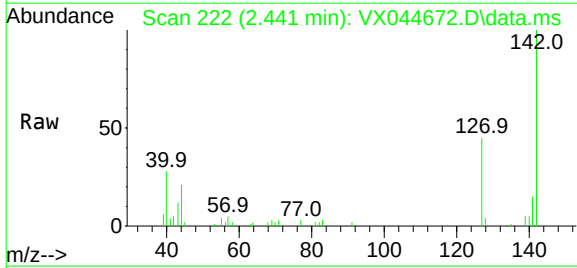
Tgt Ion:	96	Resp:	7266
Ion	Ratio	Lower	Upper
96	100		
61	152.7	121.6	182.4
98	64.1	50.3	75.5





#11
Methyl Iodide
Concen: 2.040 ug/l
RT: 2.441 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

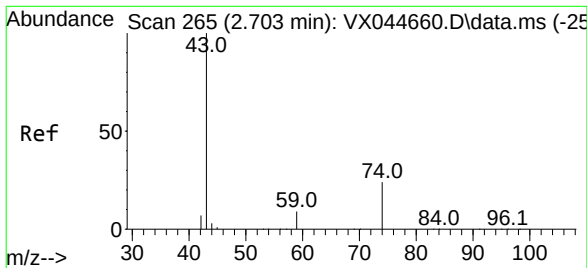
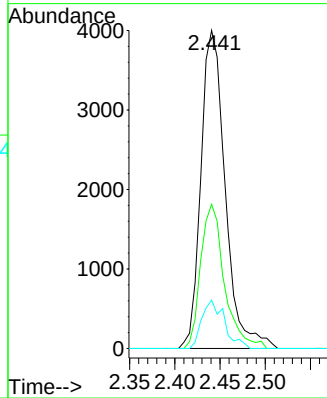
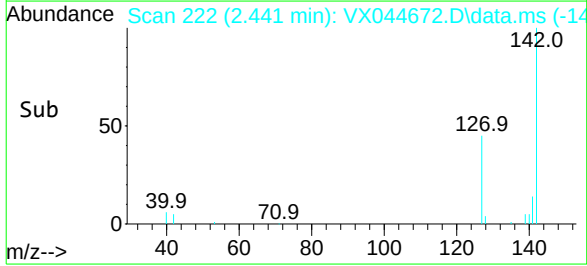
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 142 Resp: 7475
Ion Ratio Lower Upper
142 100
127 45.3 20.8 62.4
141 15.2 7.0 20.9

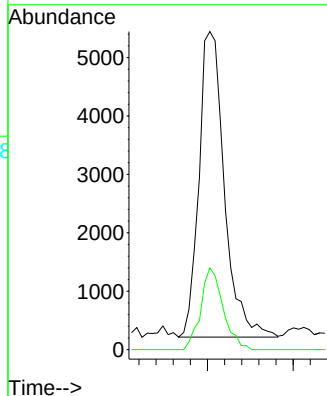
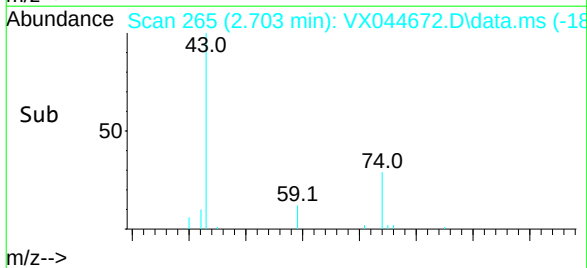
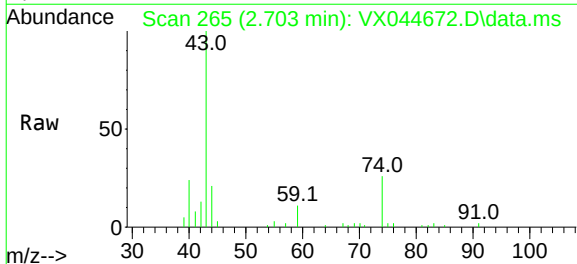
Manual Integrations
APPROVED

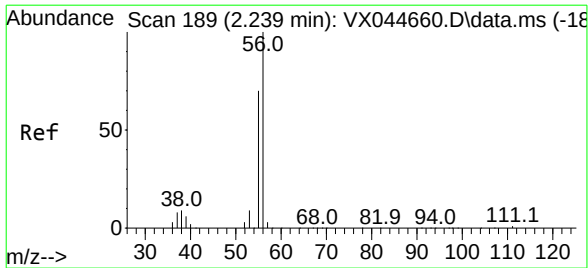
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#12
Methyl Acetate
Concen: 2.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 43 Resp: 10789
Ion Ratio Lower Upper
43 100
74 26.8 19.4 29.2





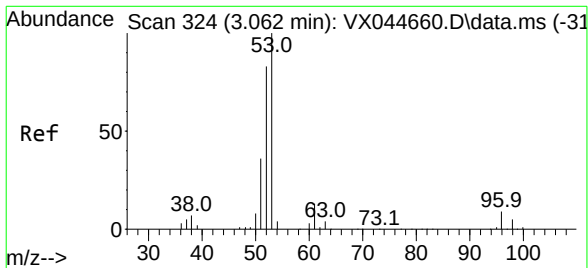
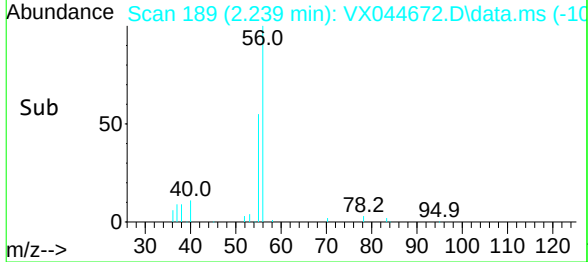
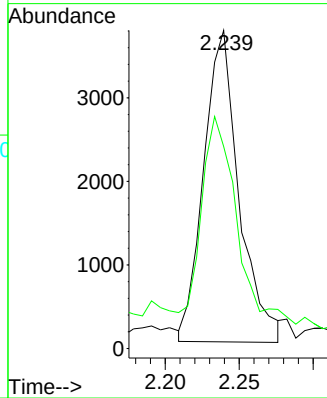
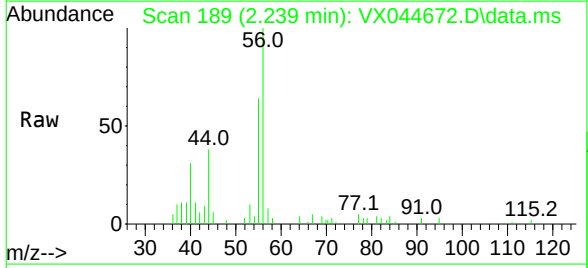
#13
Acrolein
Concen: 14.485 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:	56	Resp:	6185
Ion	Ratio	Lower	Upper
56	100		
55	64.3	57.5	86.3

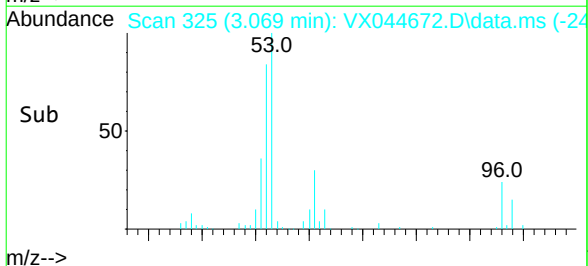
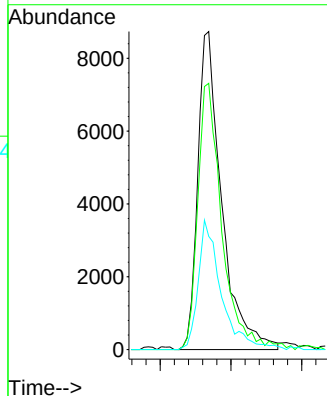
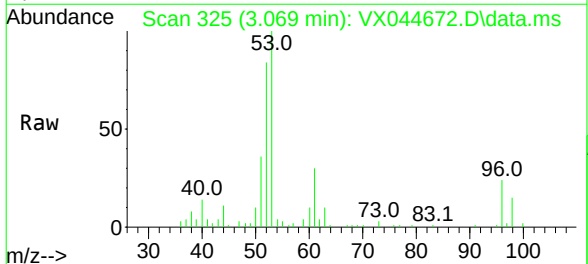
Manual Integrations
APPROVED

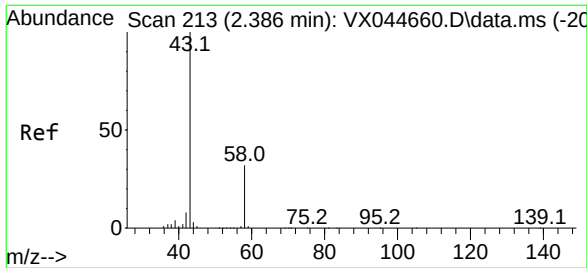
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#14
Acrylonitrile
Concen: 14.565 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion:	53	Resp:	20492
Ion	Ratio	Lower	Upper
53	100		
52	83.1	41.4	124.2
51	35.2	18.1	54.4





#15

Acetone

Concen: 15.035 ug/l

RT: 2.386 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 58 Resp: 5676

Ion Ratio Lower Upper

58 100

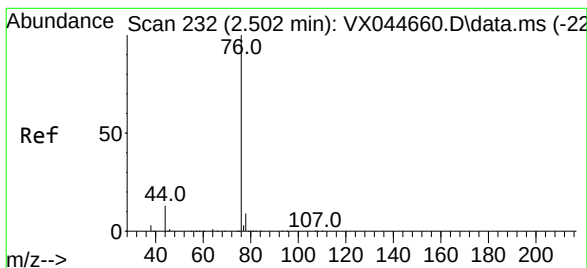
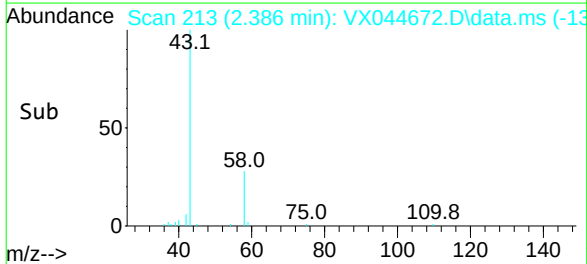
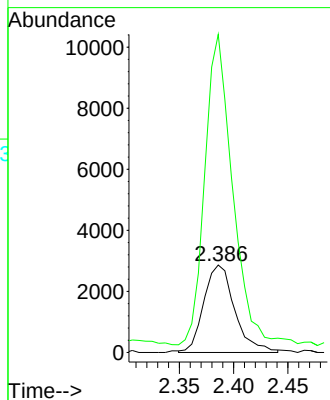
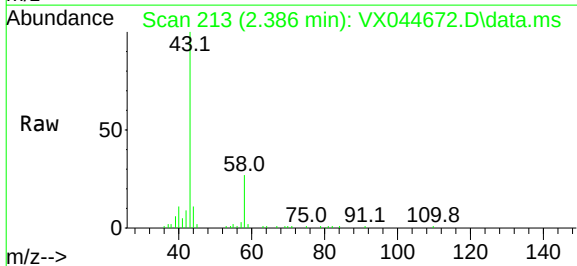
43 361.6 251.0 376.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#16

Carbon Disulfide

Concen: 2.783 ug/l

RT: 2.496 min Scan# 231

Delta R.T. -0.006 min

Lab File: VX044672.D

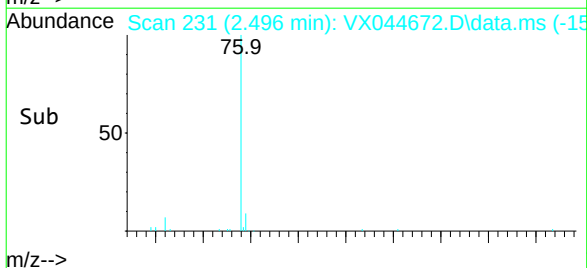
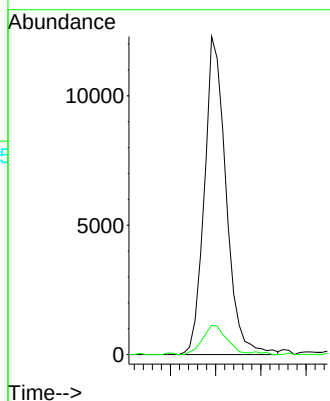
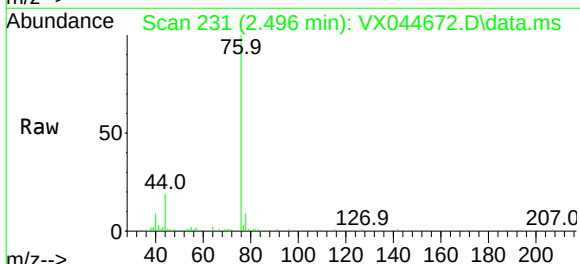
Acq: 16 Jan 2025 14:46

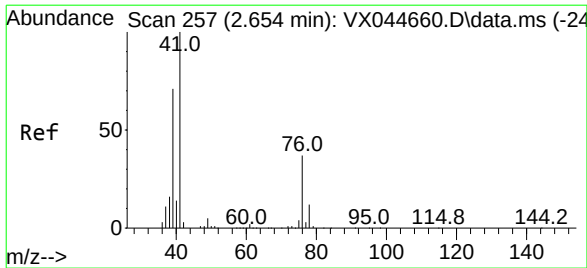
Tgt Ion: 76 Resp: 20451

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





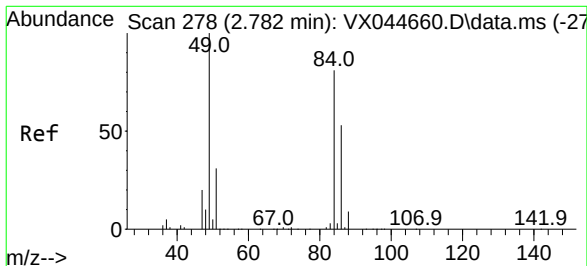
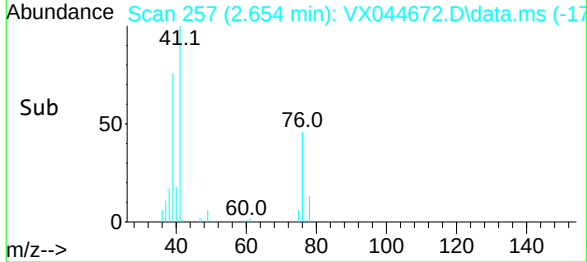
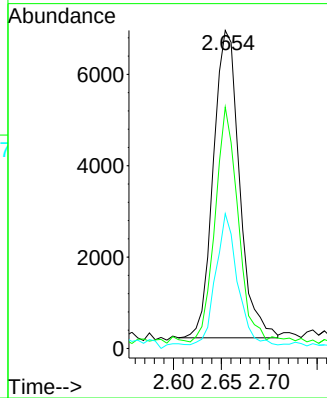
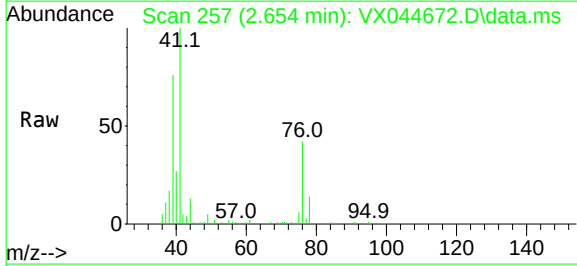
#17
Allyl chloride
Concen: 2.672 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 41	Resp: 12745
Ion Ratio	Lower Upper
41 100	
39 75.7	35.6 106.8
76 42.7	18.9 56.5

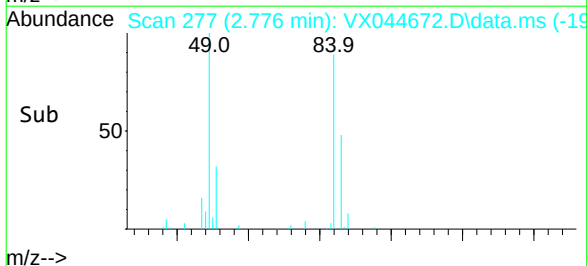
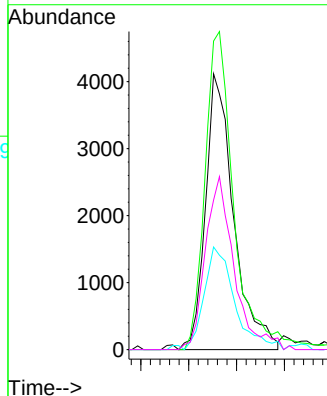
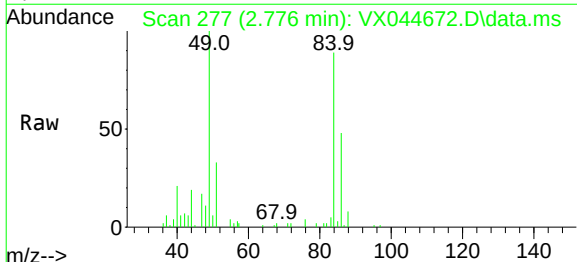
Manual Integrations
APPROVED

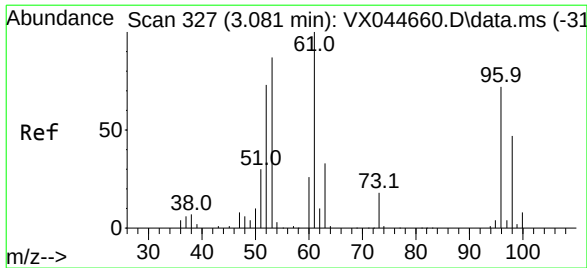
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#18
Methylene Chloride
Concen: 2.838 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

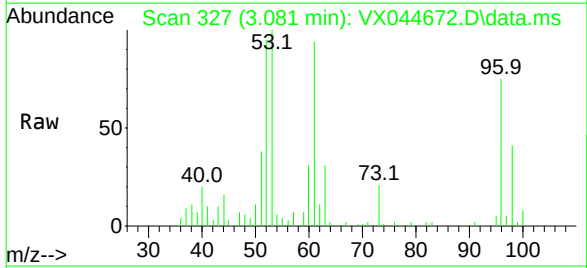
Tgt Ion: 84	Resp: 8400
Ion Ratio	Lower Upper
84 100	
49 111.9	98.3 147.5
51 35.7	30.6 46.0
86 54.2	52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 2.971 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

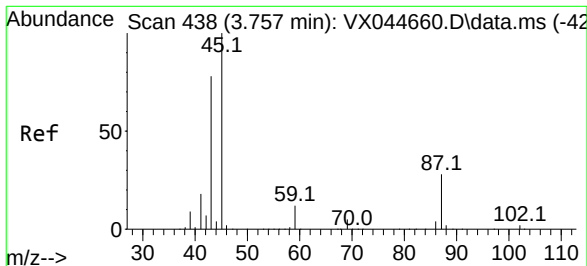
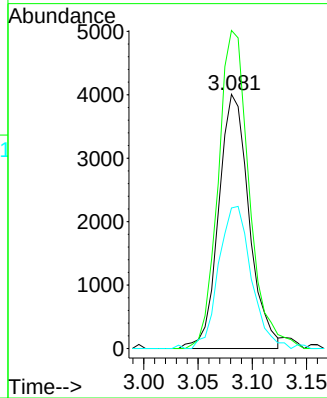
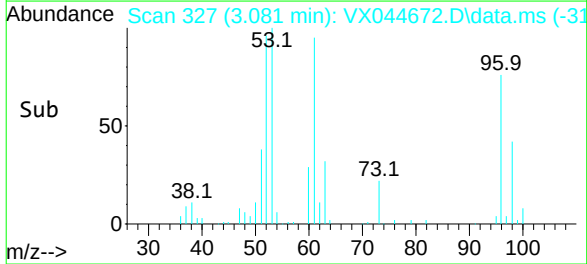
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



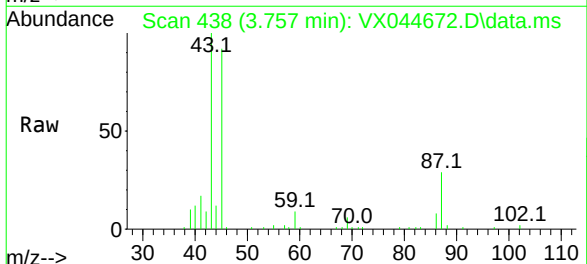
Tgt Ion: 96 Resp: 7814
Ion Ratio Lower Upper
96 100
61 125.1 111.5 167.3
98 54.0 52.6 79.0

Manual Integrations
APPROVED

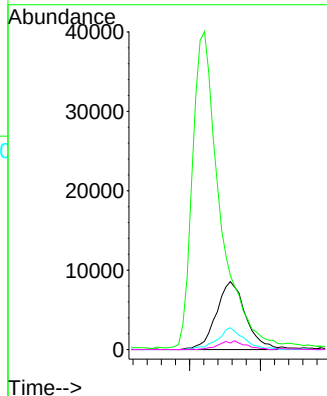
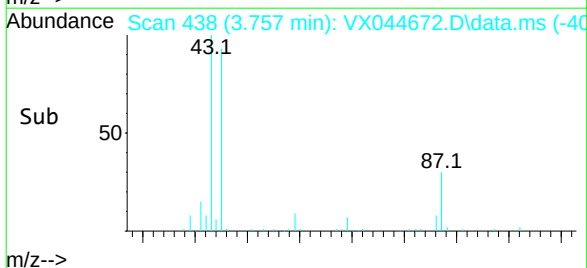
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

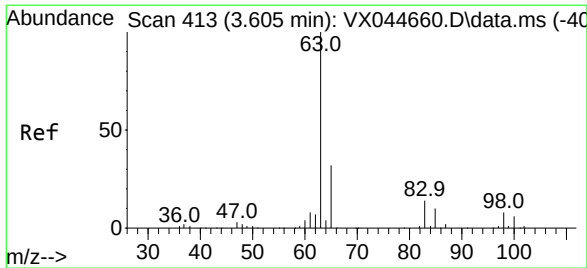


#20
Diisopropyl ether
Concen: 2.842 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46



Tgt Ion: 45 Resp: 24600
Ion Ratio Lower Upper
45 100
43 101.8 62.6 94.0#
87 32.2 22.7 34.1
59 9.7 9.4 14.2





#21

1,1-Dichloroethane

Concen: 2.817 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

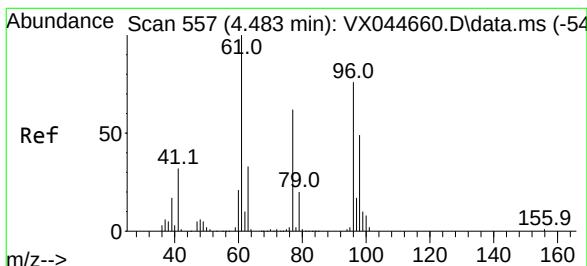
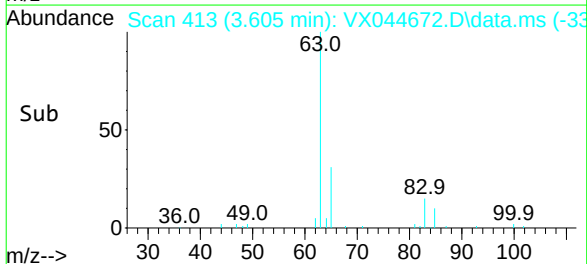
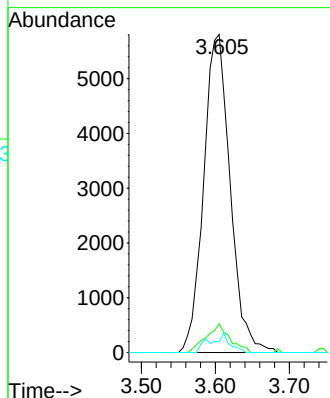
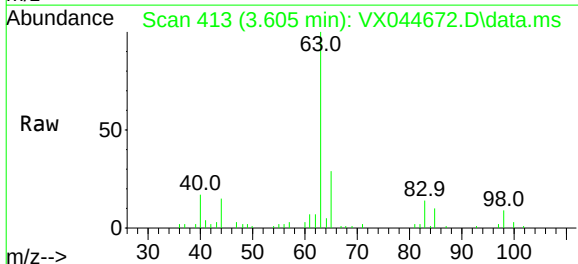
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 63	Resp: 14467
Ion Ratio	Lower Upper
63 100	
98 9.0	4.0 11.9
100 3.4	2.8 8.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#22

cis-1,2-Dichloroethene

Concen: 2.839 ug/l

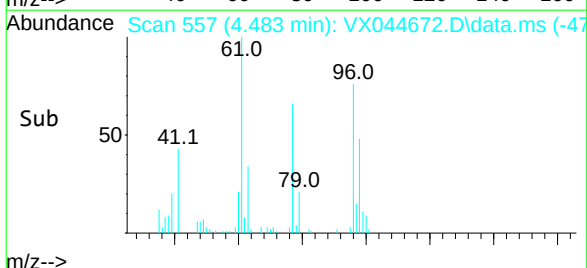
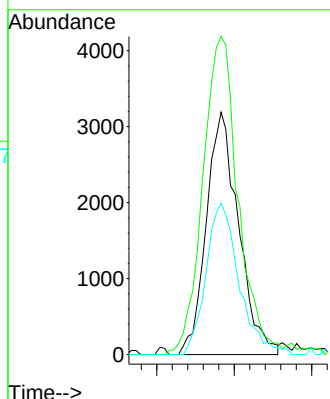
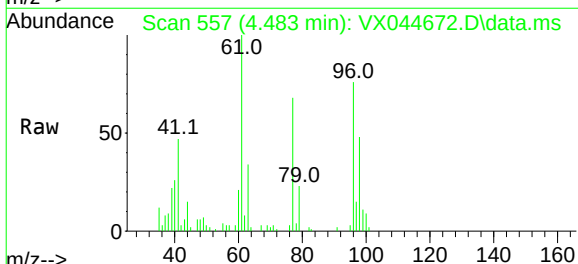
RT: 4.483 min Scan# 557

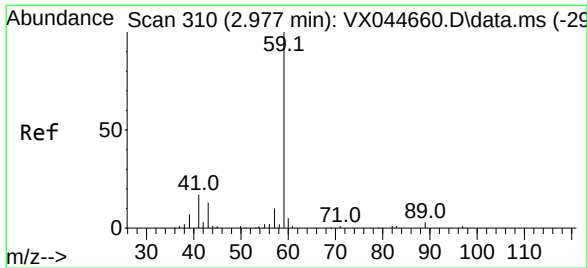
Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion: 96	Resp: 9239
Ion Ratio	Lower Upper
96 100	
61 142.8	115.2 172.8
98 63.5	51.8 77.6





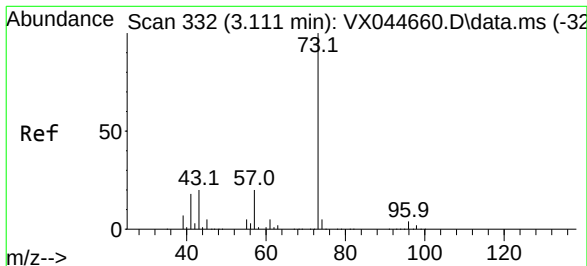
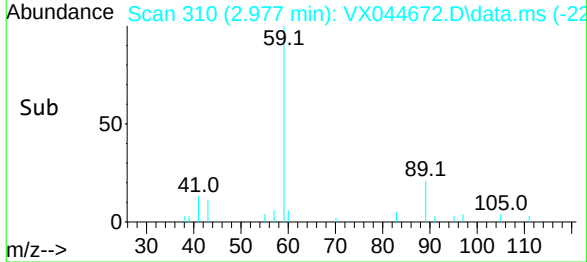
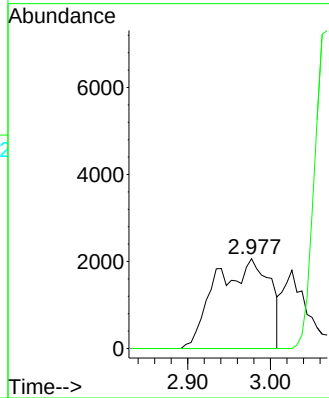
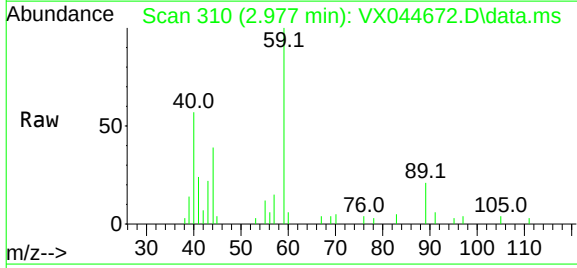
#23
tert-Butyl Alcohol
Concen: 13.659 ug/l m
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 59 Resp: 9295
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

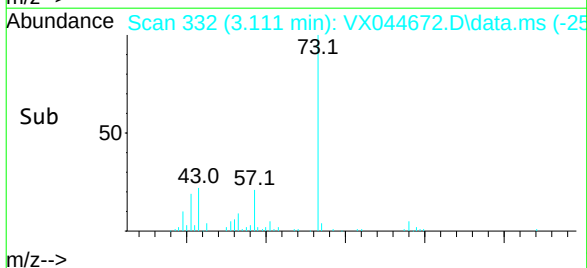
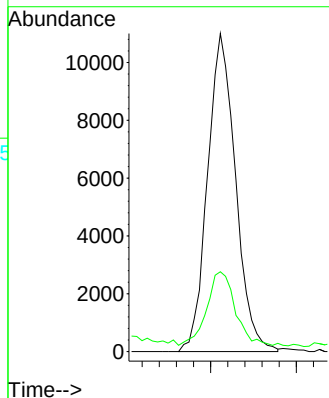
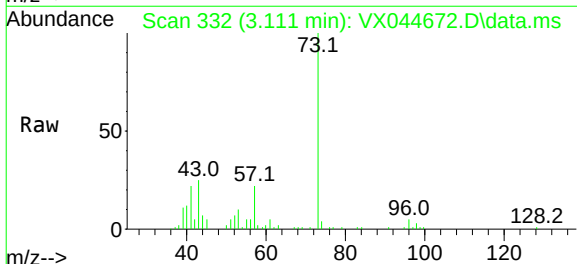
Manual Integrations
APPROVED

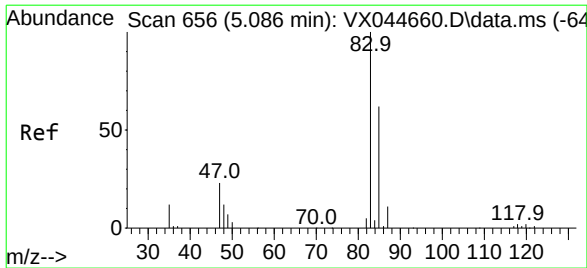
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#24
Methyl tert-Butyl Ether
Concen: 2.731 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 73 Resp: 25028
Ion Ratio Lower Upper
73 100
43 22.7 16.9 25.3





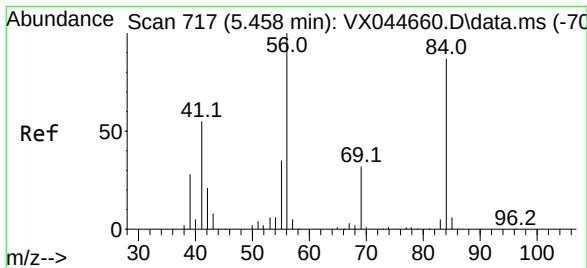
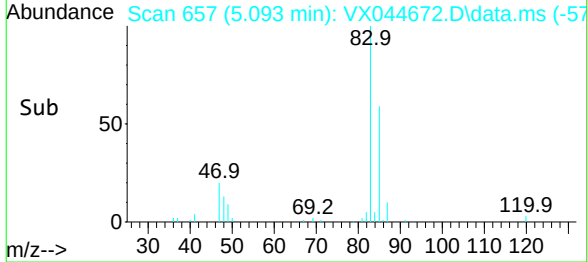
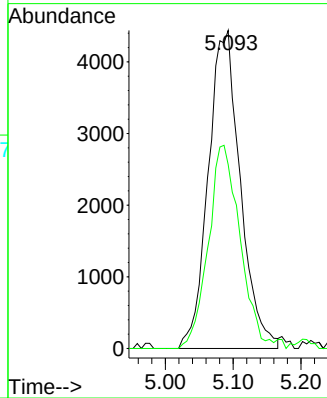
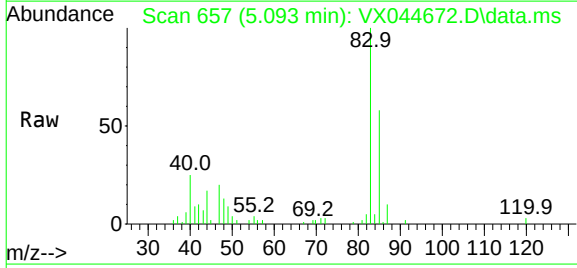
#25
Chloroform
Concen: 2.855 ug/l
RT: 5.093 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 83 Resp: 14569
Ion Ratio Lower Upper
83 100
85 57.8 49.4 74.2

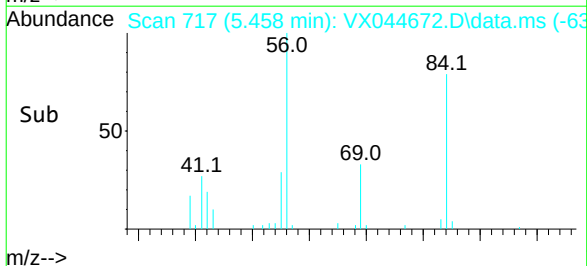
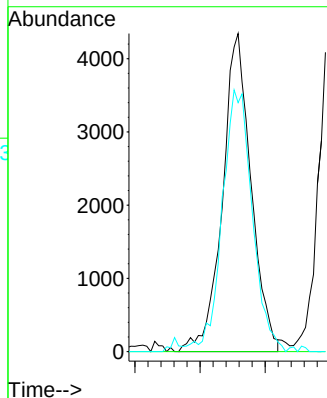
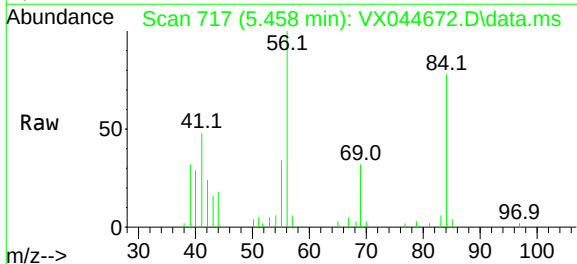
Manual Integrations
APPROVED

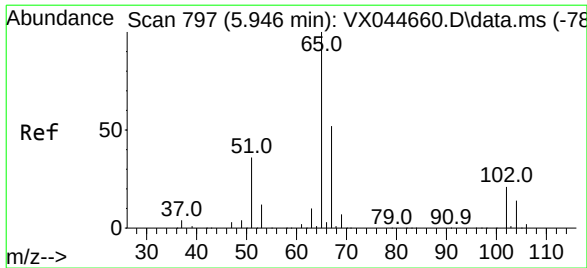
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#26
Cyclohexane
Concen: 3.076 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 56 Resp: 13277
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.1 72.2 108.4





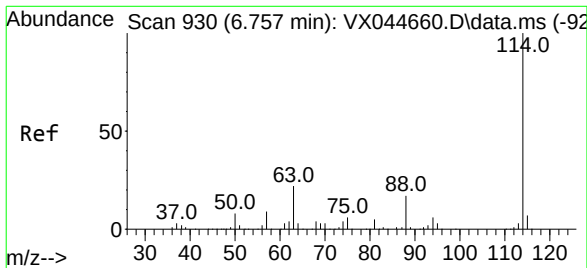
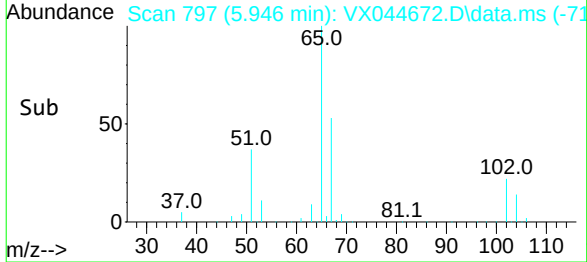
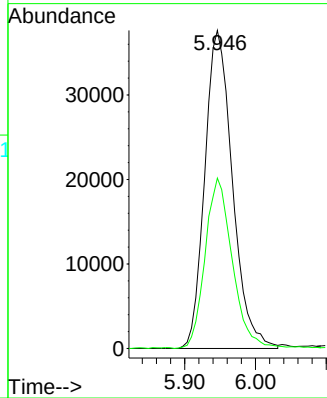
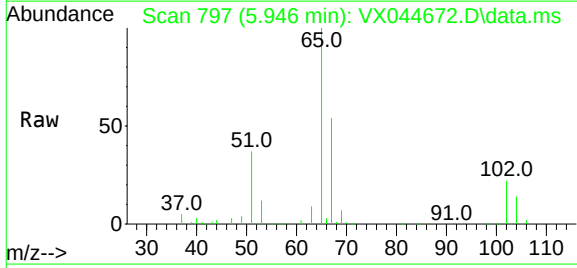
#27
1,2-Dichloroethane-d4
Concen: 29.565 ug/l
RT: 5.946 min Scan# 79
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 65 Resp: 102195
Ion Ratio Lower Upper
65 100
67 52.6 41.4 62.2

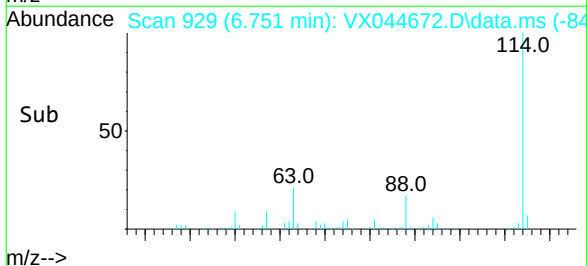
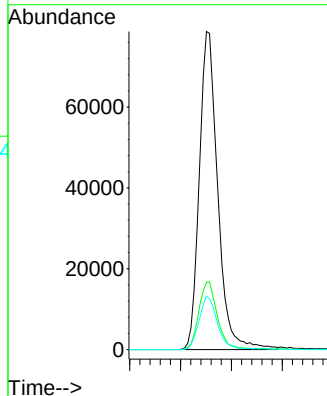
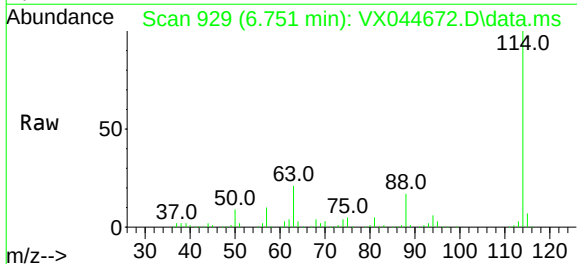
Manual Integrations
APPROVED

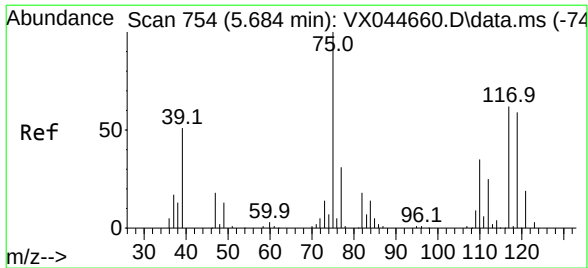
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

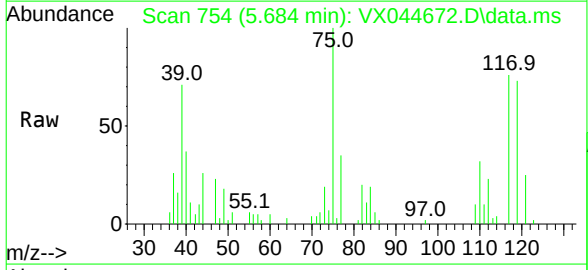
Tgt Ion:114 Resp: 198108
Ion Ratio Lower Upper
114 100
63 21.3 16.6 24.8
88 16.7 13.4 20.2





#29
 1,1-Dichloropropene
 Concen: 2.715 ug/l
 RT: 5.684 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VX044672.D
 Acq: 16 Jan 2025 14:46

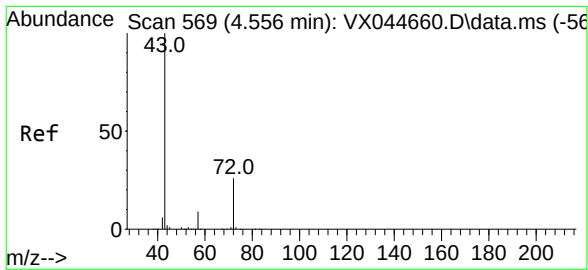
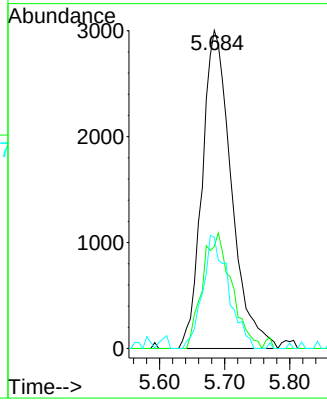
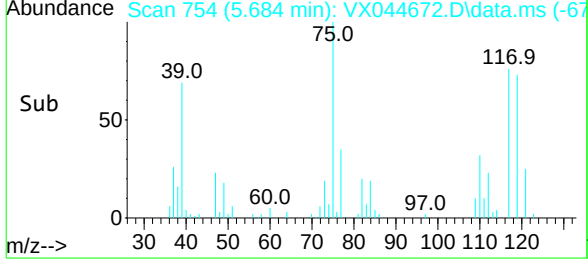
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion	Ratio	Lower	Upper
75	100		
110	23.2	0.0	69.4
77	22.5	0.0	59.8

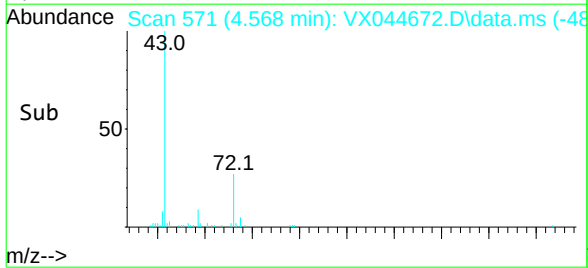
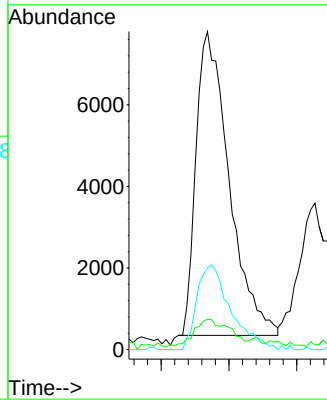
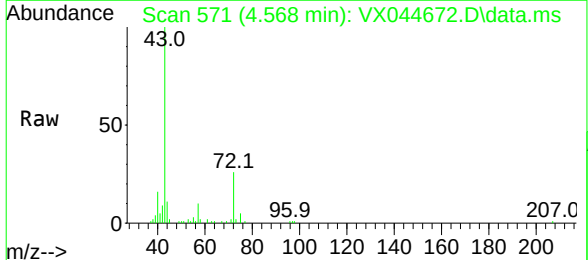
Manual Integrations
 APPROVED

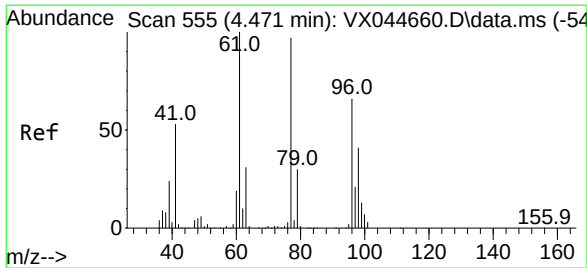
Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025



#30
 2-Butanone
 Concen: 13.330 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: VX044672.D
 Acq: 16 Jan 2025 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
57	6.7	6.4	9.6
72	28.4	21.5	32.3





#31

2,2-Dichloropropane

Concen: 2.859 ug/l

RT: 4.459 min Scan# 555

Delta R.T. -0.012 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 77 Resp: 13635

Ion Ratio Lower Upper

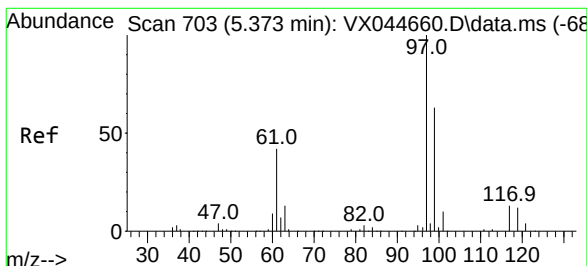
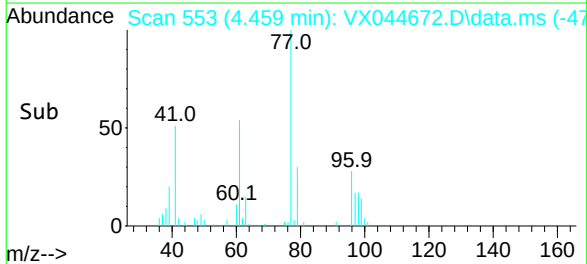
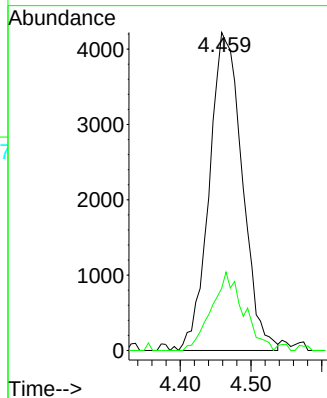
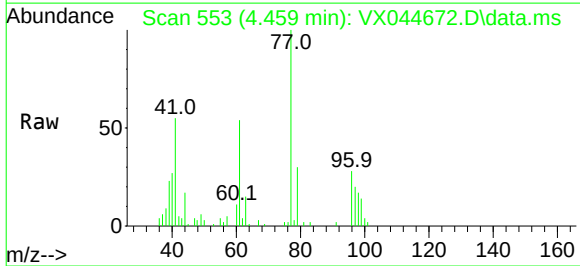
77 100

97 19.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#32

1,1,1-Trichloroethane

Concen: 2.809 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

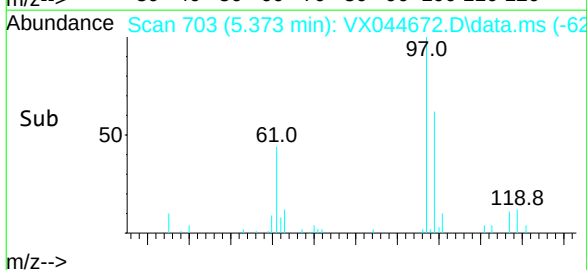
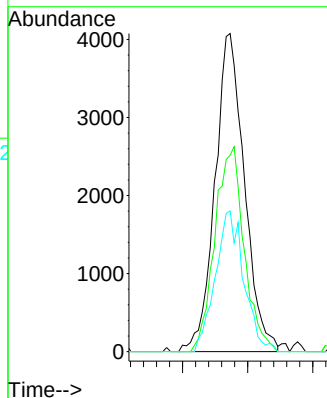
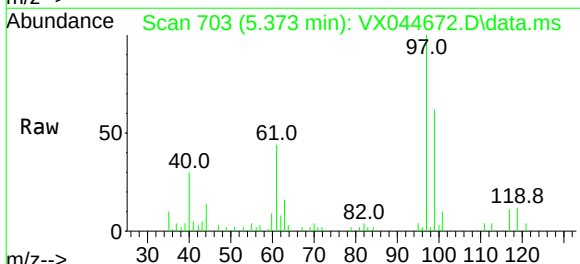
Tgt Ion: 97 Resp: 12827

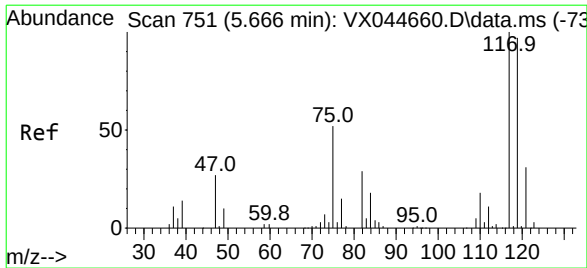
Ion Ratio Lower Upper

97 100

99 63.6 50.5 75.7

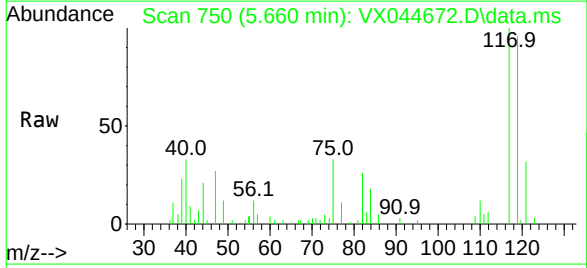
61 42.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 2.714 ug/l
RT: 5.660 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

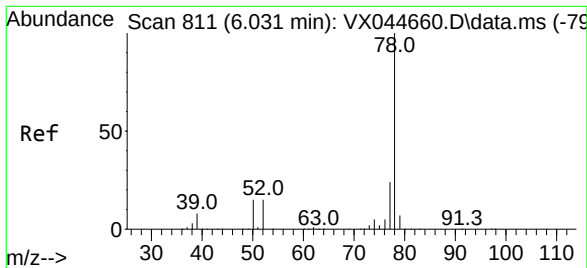
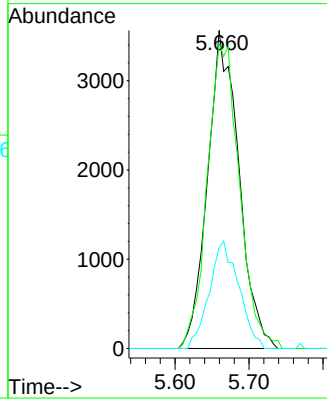
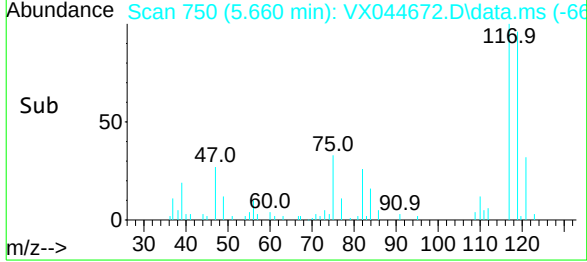
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



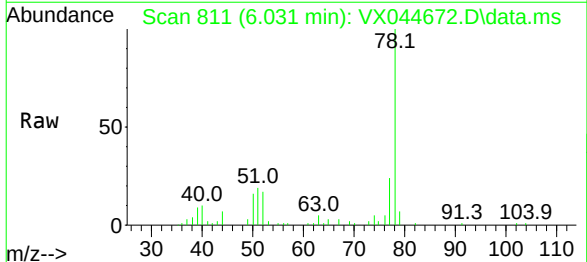
Tgt Ion: 117 Resp: 10454
Ion Ratio Lower Upper
117 100
119 98.0 77.3 115.9
121 31.6 24.6 37.0

Manual Integrations
APPROVED

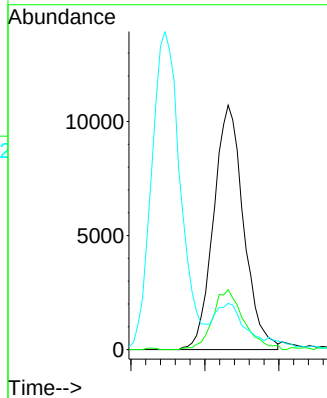
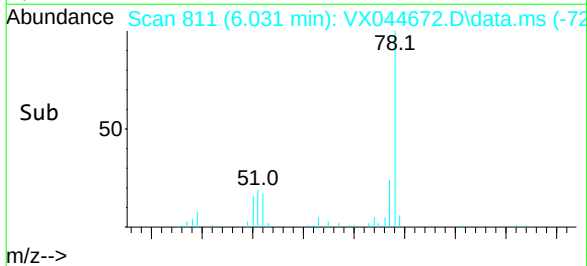
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

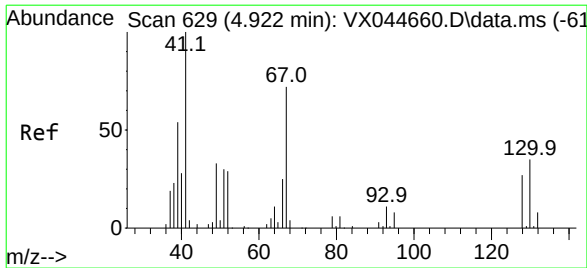


#34
Benzene
Concen: 2.746 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46



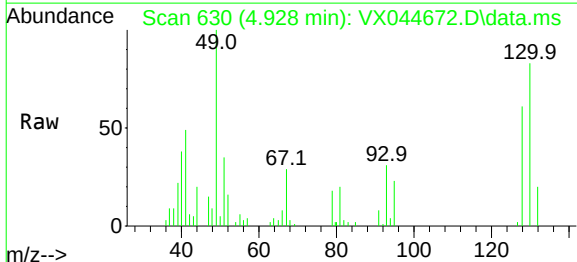
Tgt Ion: 78 Resp: 30189
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9
51 15.5 12.7 19.1





#35
Methacrylonitrile
Concen: 2.622 ug/l m
RT: 4.928 min Scan# 63
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

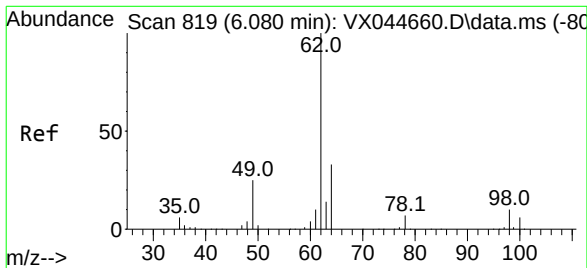
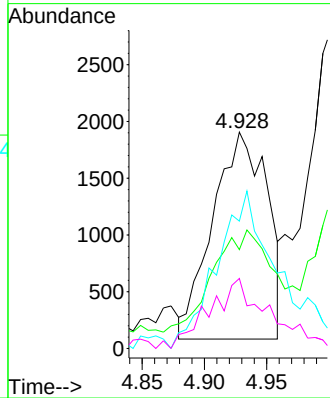
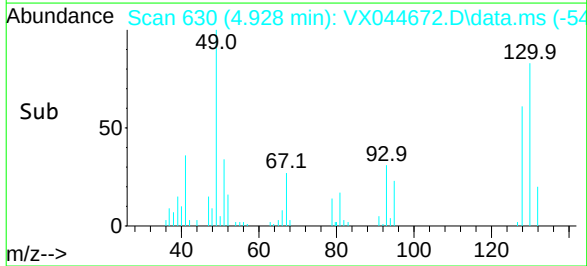
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 41 Resp: 5548
Ion Ratio Lower Upper
41 100
39 45.7 27.1 81.3
67 58.9 35.8 107.4
52 32.4 14.4 43.2

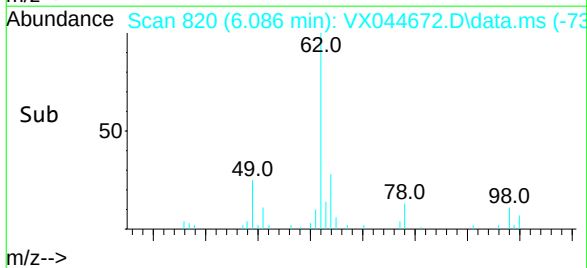
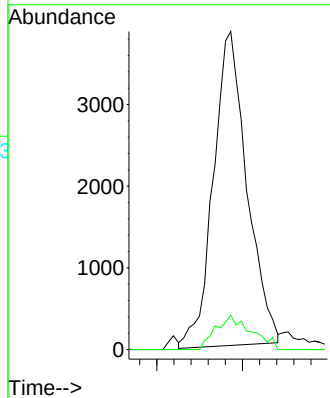
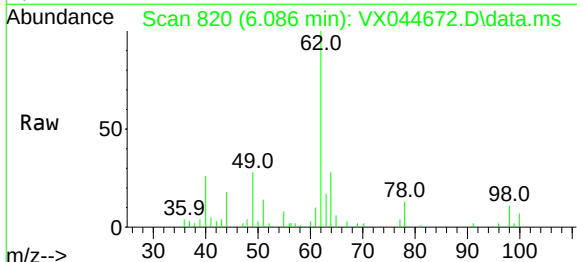
Manual Integrations
APPROVED

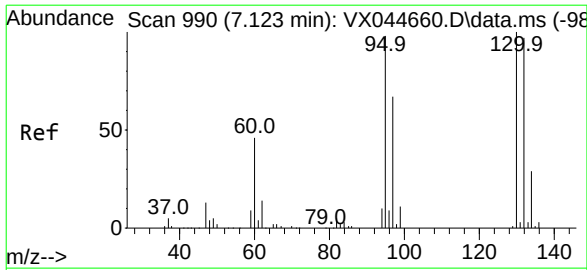
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#36
1,2-Dichloroethane
Concen: 2.663 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 62 Resp: 10468
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.2





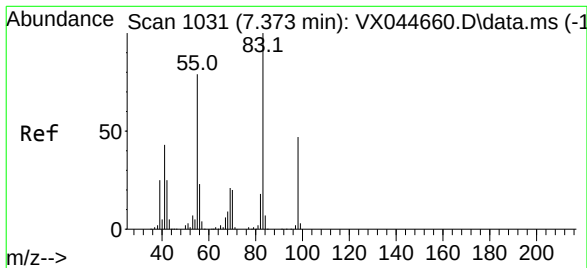
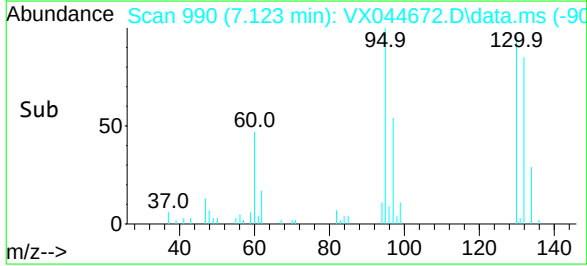
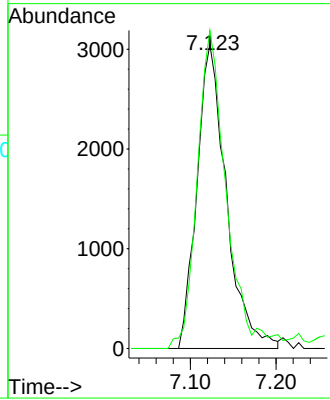
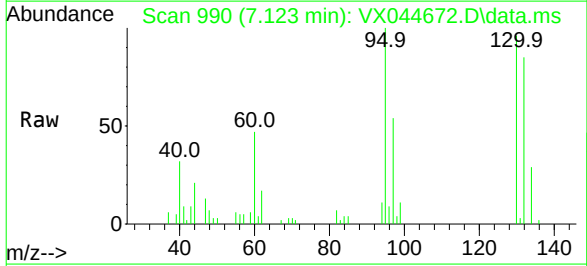
#37
Trichloroethene
Concen: 2.735 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 130 Resp: 7259
Ion Ratio Lower Upper
130 100
95 101.2 78.2 117.4

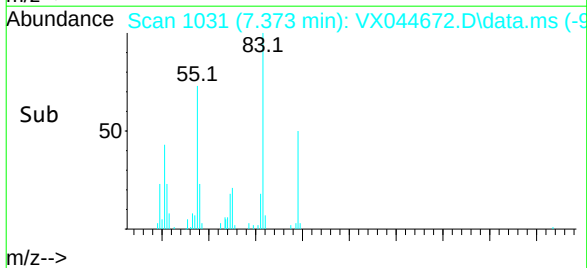
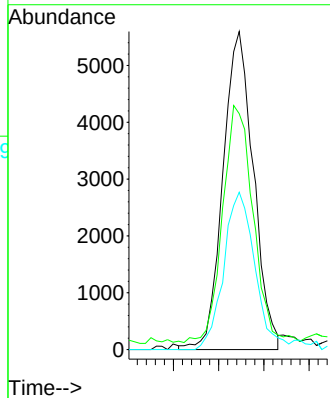
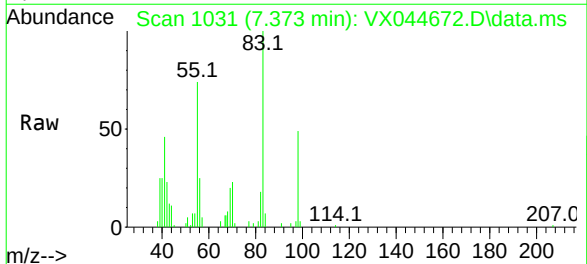
Manual Integrations
APPROVED

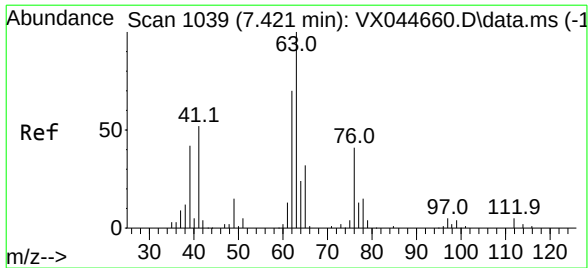
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#38
Methylcyclohexane
Concen: 2.801 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 83 Resp: 13113
Ion Ratio Lower Upper
83 100
55 71.7 38.4 115.2
98 50.4 24.4 73.4





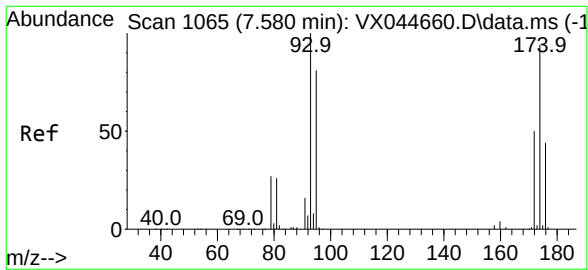
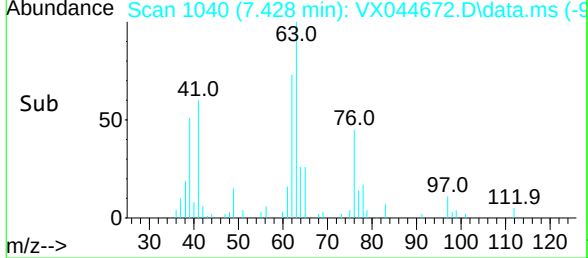
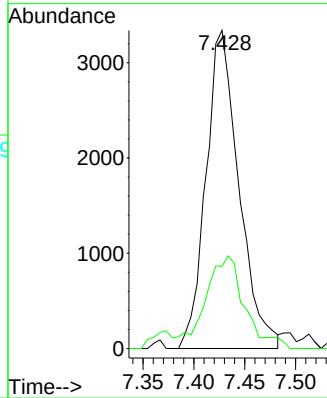
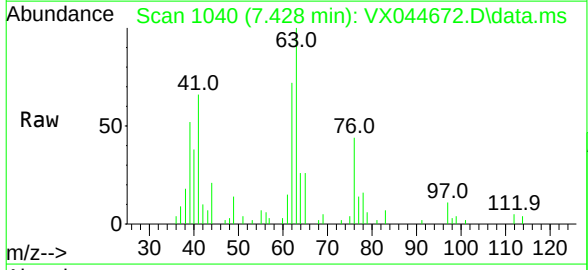
#39
1,2-Dichloropropane
Concen: 2.747 ug/l
RT: 7.428 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 63 Resp: 7532
Ion Ratio Lower Upper
63 100
65 22.3 25.5 38.3#

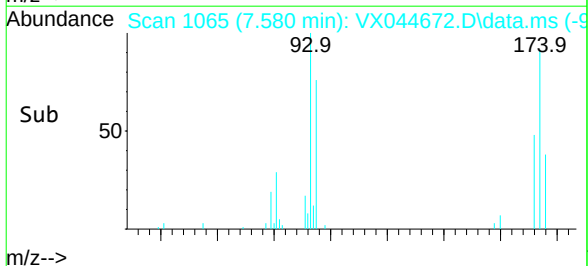
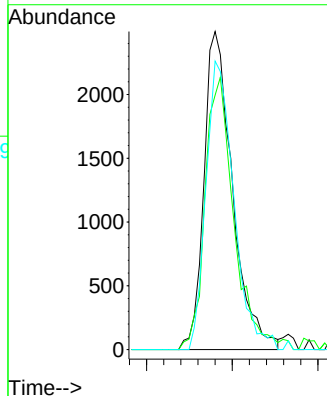
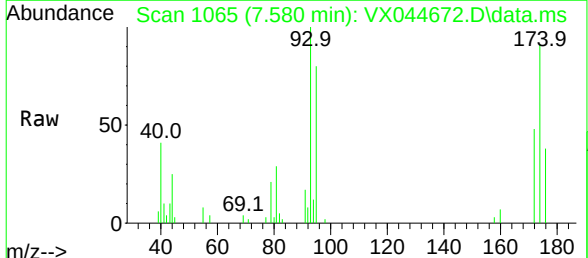
Manual Integrations
APPROVED

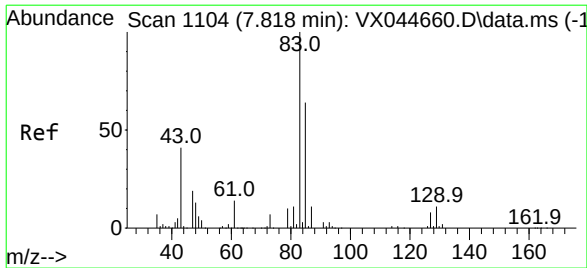
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#40
Dibromomethane
Concen: 2.829 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 93 Resp: 5765
Ion Ratio Lower Upper
93 100
95 86.3 0.0 167.0
174 87.9 0.0 182.0





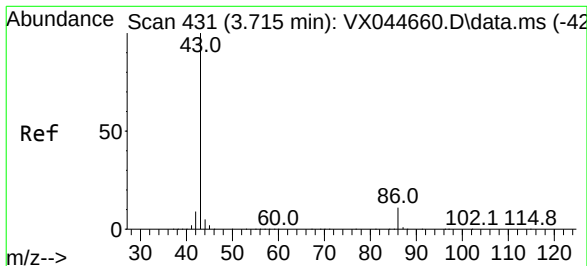
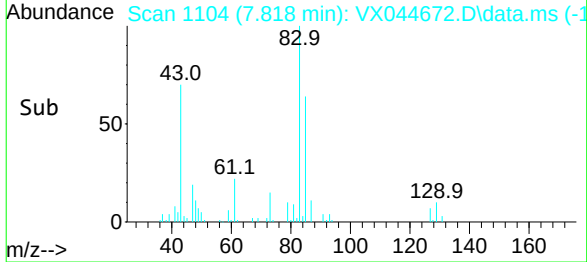
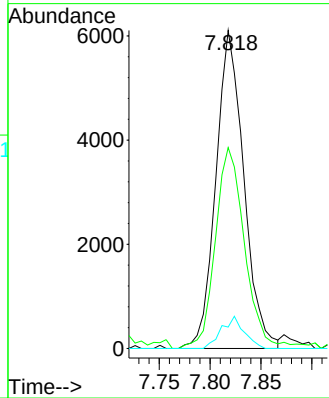
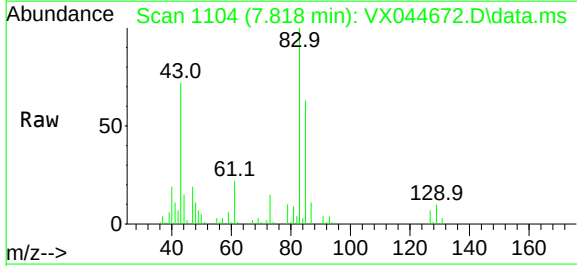
#41
Bromodichloromethane
Concen: 2.770 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 83 Resp: 11658
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 7.9 6.5 9.7

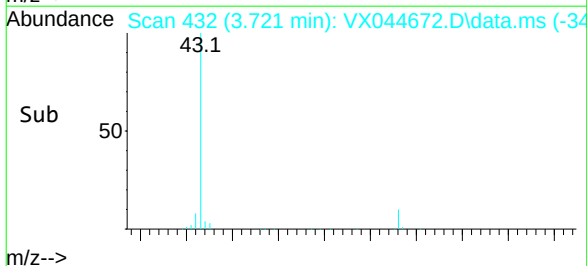
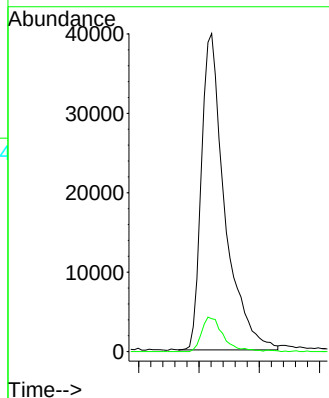
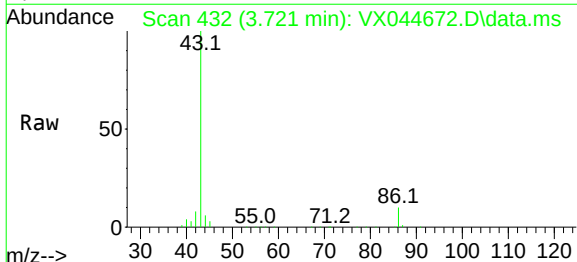
Manual Integrations
APPROVED

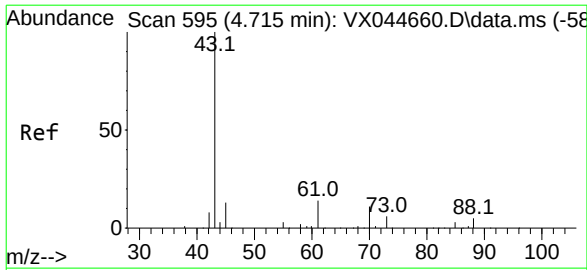
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#42
Vinyl Acetate
Concen: 14.283 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 43 Resp: 107373
Ion Ratio Lower Upper
43 100
86 9.6 8.0 12.0





#43

Ethyl Acetate

Concen: 2.609 ug/l

RT: 4.727 min Scan# 59

Delta R.T. 0.012 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 9689

Ion Ratio Lower Upper

43 100

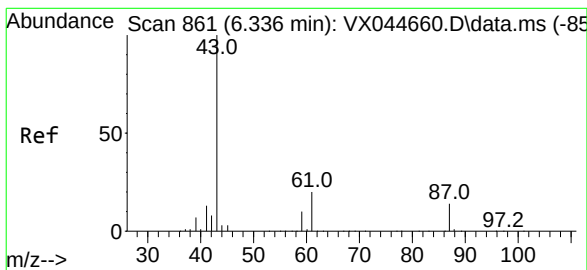
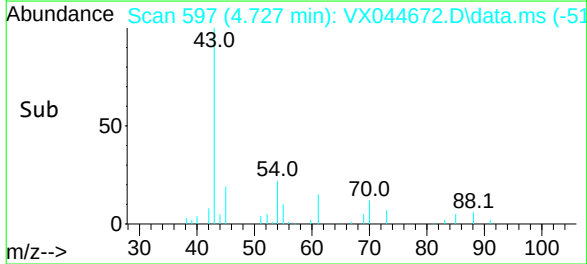
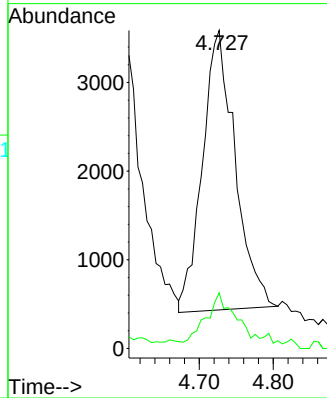
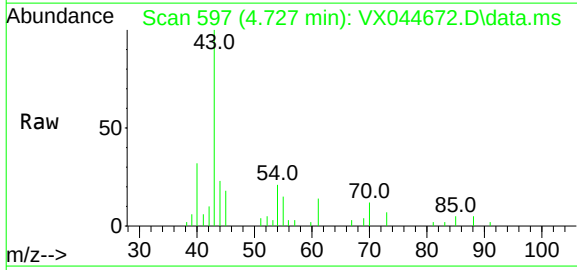
45 12.2 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025

Supervised By :Semsettin Yesilyurt 01/17/2025



#44

Isopropyl Acetate

Concen: 2.766 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX044672.D

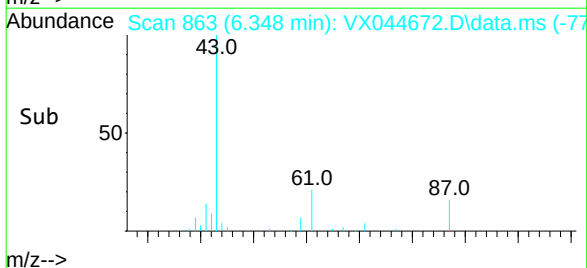
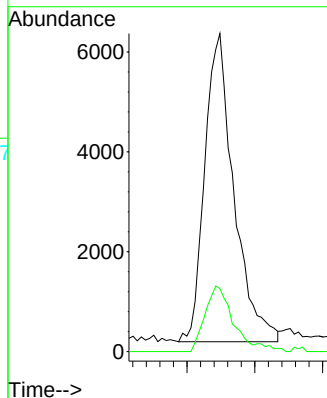
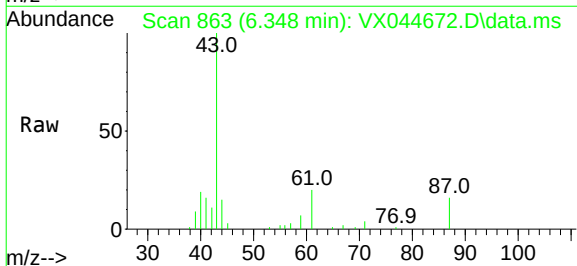
Acq: 16 Jan 2025 14:46

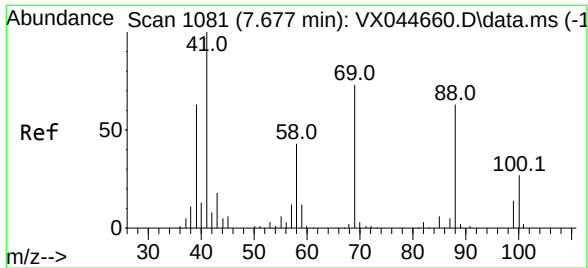
Tgt Ion: 43 Resp: 18451

Ion Ratio Lower Upper

43 100

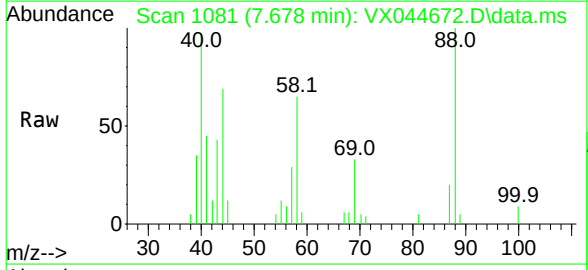
61 19.5 16.2 24.4





#45
1,4-Dioxane
Concen: 47.056 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

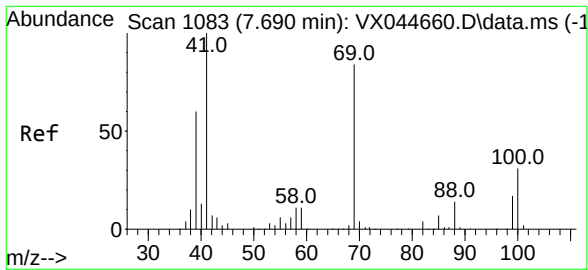
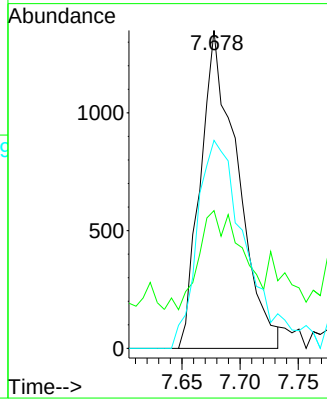
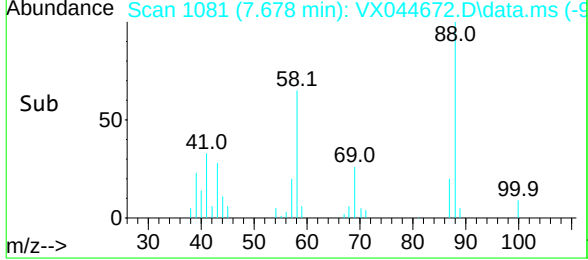
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:	88	Resp:	2989
Ion	Ratio	Lower	Upper
88	100		
43	35.8	25.9	38.9
58	80.0	58.9	88.3

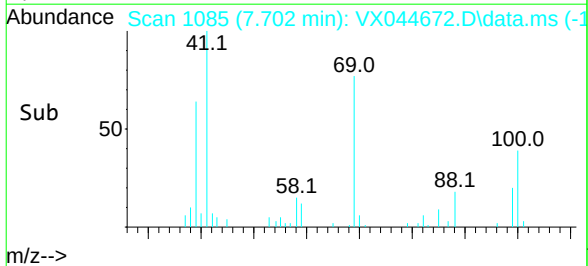
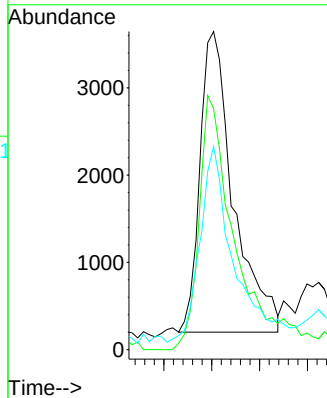
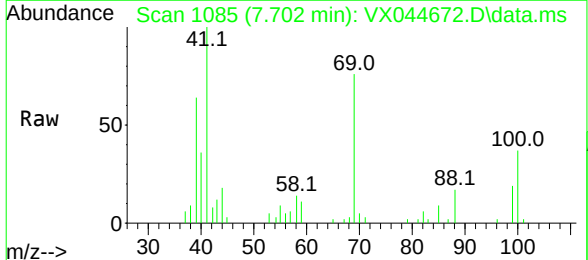
Manual Integrations
APPROVED

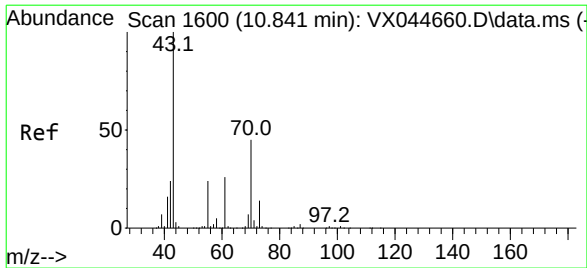
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#46
Methyl methacrylate
Concen: 2.562 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion:	41	Resp:	8367
Ion	Ratio	Lower	Upper
41	100		
69	78.1	41.9	125.7
39	62.9	30.1	90.3





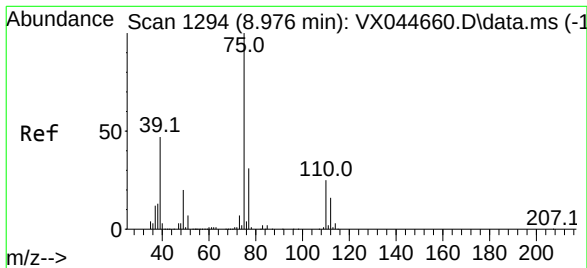
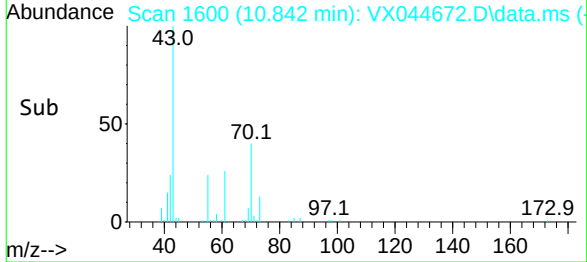
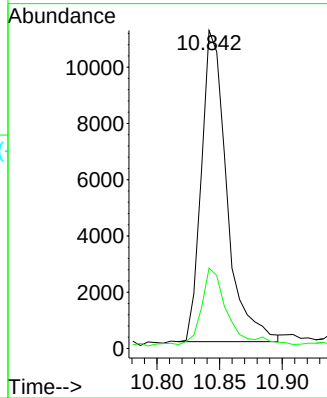
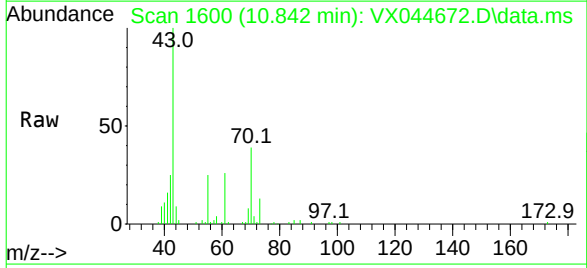
#47
n-amy1 Acetate
Concen: 2.783 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 15579
Ion Ratio Lower Upper
43 100
55 23.1 18.9 28.3

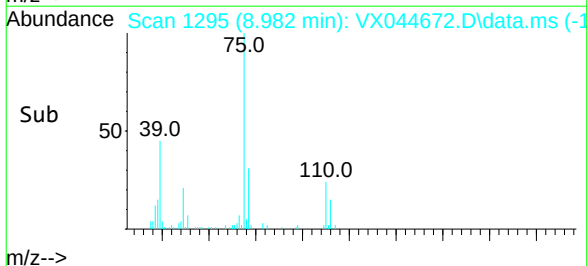
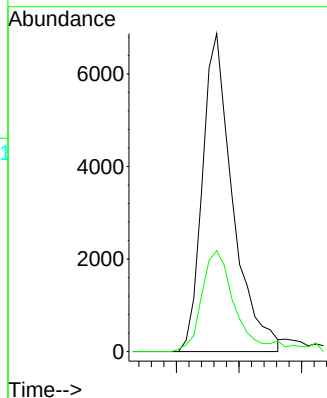
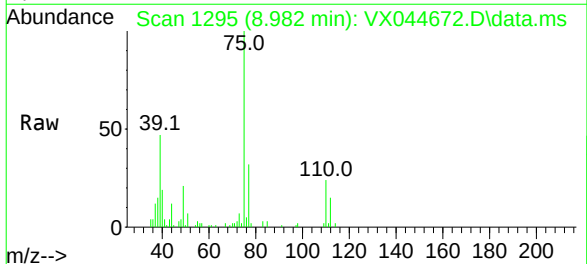
Manual Integrations
APPROVED

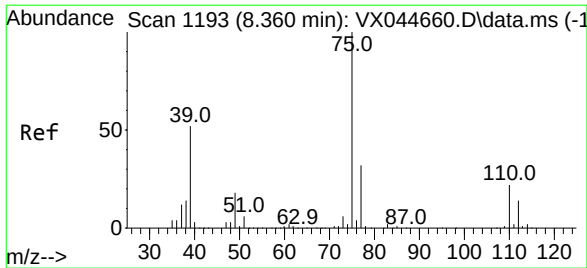
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#48
t-1,3-Dichloropropene
Concen: 2.601 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

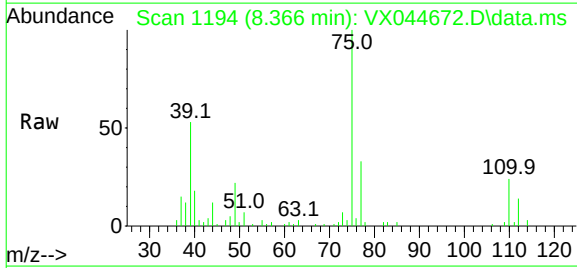
Tgt Ion: 75 Resp: 11552
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 2.718 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

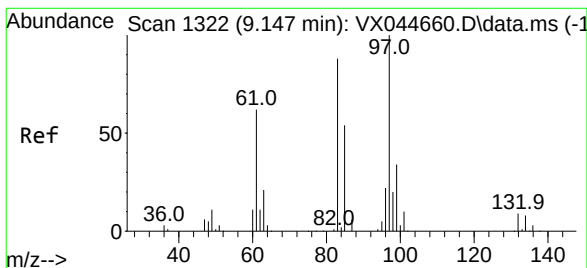
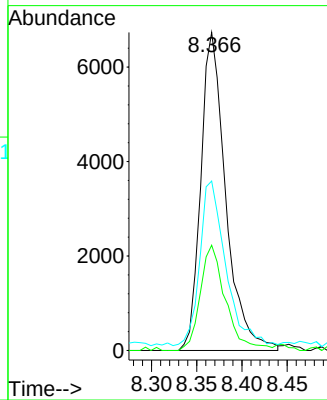
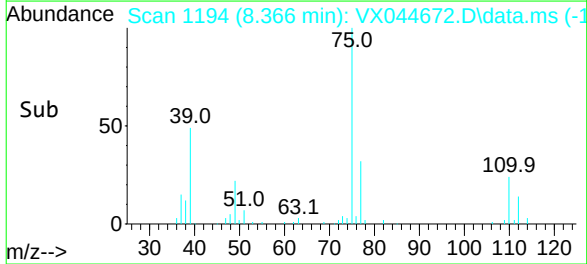
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 75 Resp: 12947
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
39 51.4 41.4 62.0

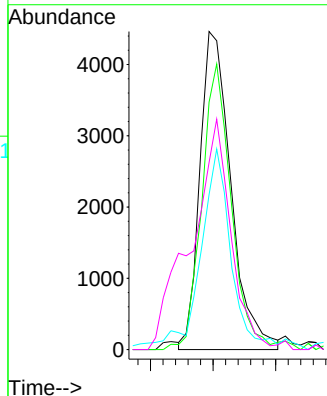
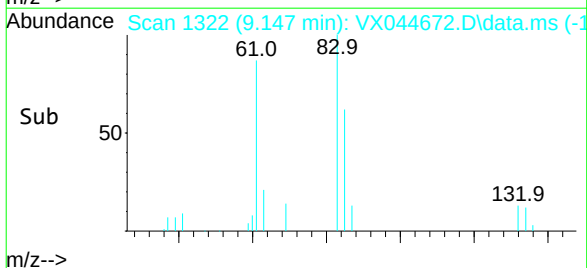
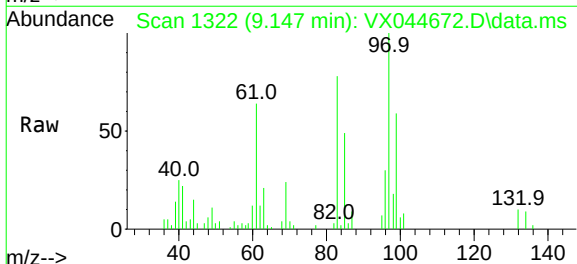
Manual Integrations
APPROVED

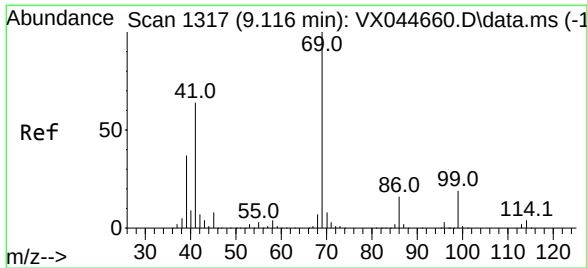
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#50
1,1,2-Trichloroethane
Concen: 2.938 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 97 Resp: 7712
Ion Ratio Lower Upper
97 100
83 78.0 69.2 103.8
85 48.1 44.8 67.2
99 58.7 52.1 78.1





#51

Ethyl methacrylate

Concen: 2.712 ug/l

RT: 9.122 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

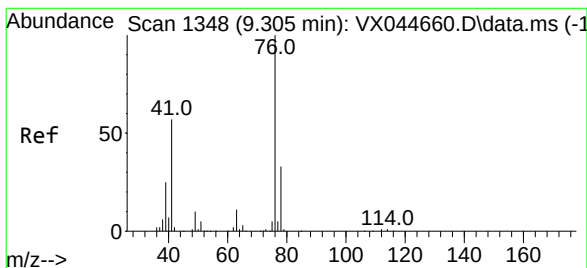
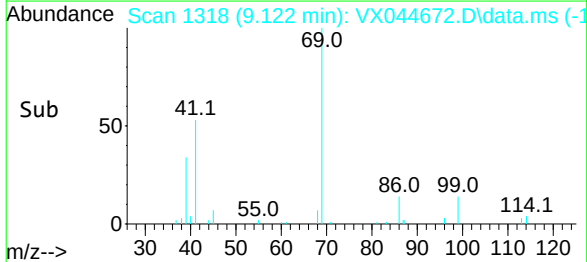
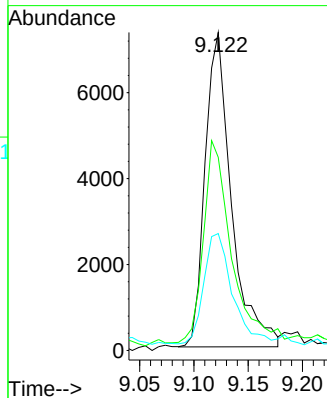
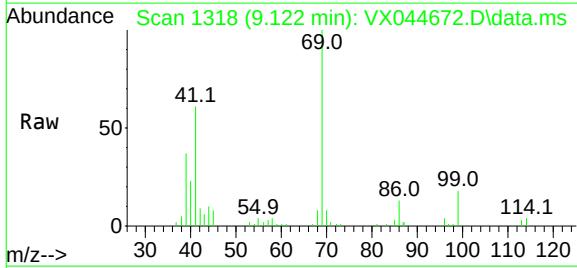
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:	69	Resp:	12368
Ion	Ratio	Lower	Upper
69	100		
41	58.9	32.0	96.0
39	35.1	18.6	55.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#52

1,3-Dichloropropane

Concen: 2.761 ug/l

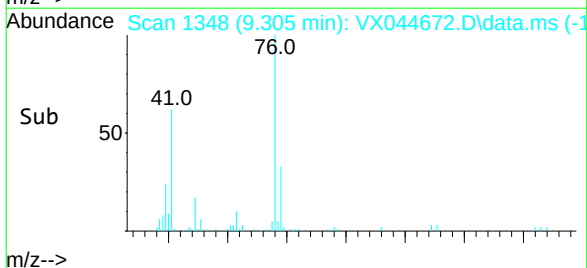
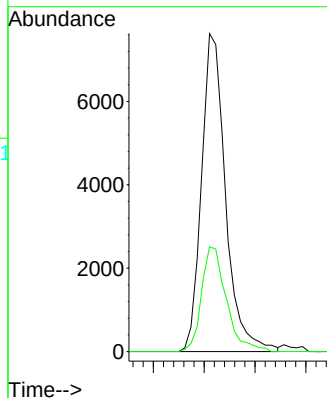
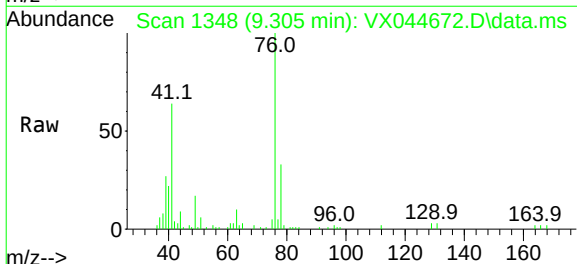
RT: 9.305 min Scan# 1348

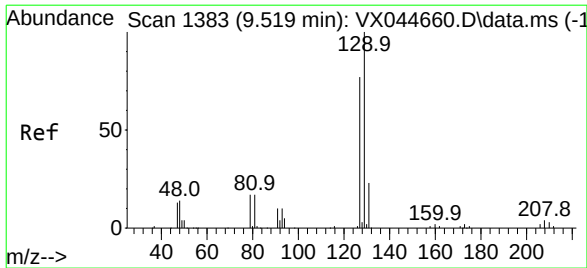
Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion:	76	Resp:	12533
Ion	Ratio	Lower	Upper
76	100		
78	34.0	0.0	64.0





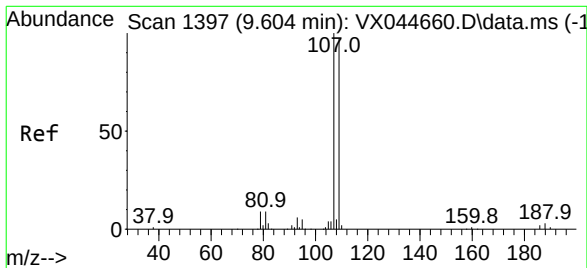
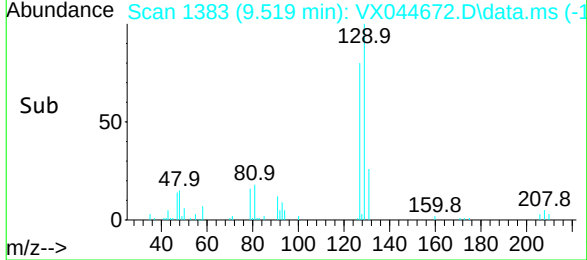
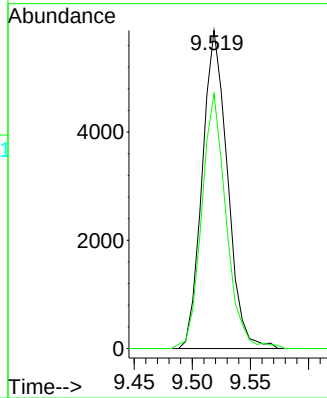
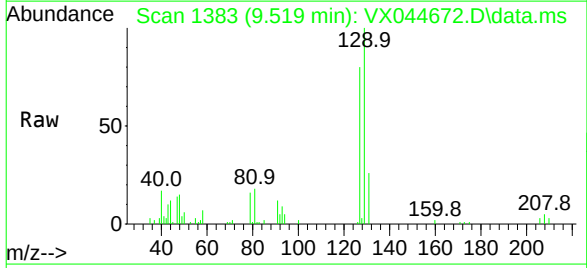
#53
Dibromochloromethane
Concen: 2.832 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:129 Resp: 8882
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.4

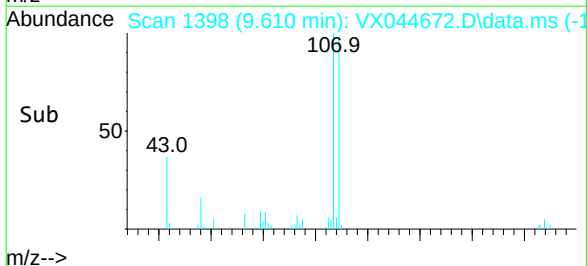
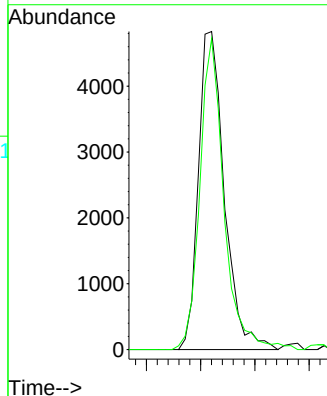
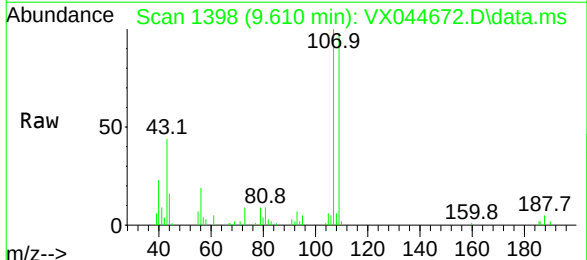
Manual Integrations
APPROVED

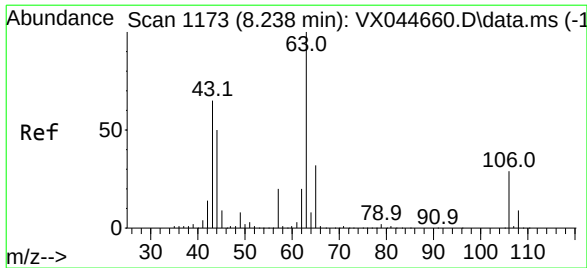
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#54
1,2-Dibromoethane
Concen: 2.890 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

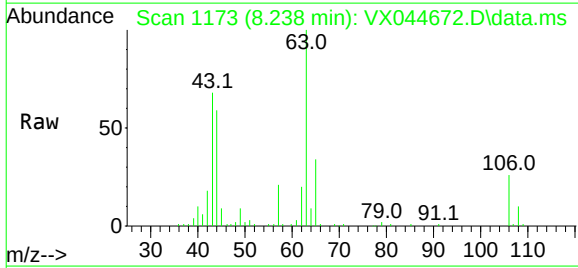
Tgt Ion:107 Resp: 8018
Ion Ratio Lower Upper
107 100
109 89.8 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 9.825 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

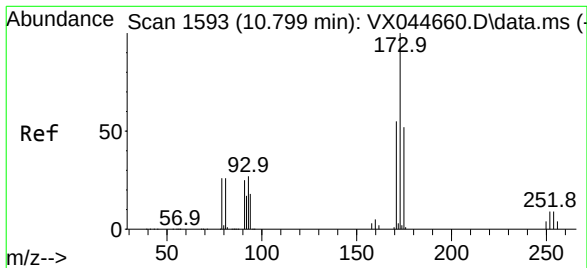
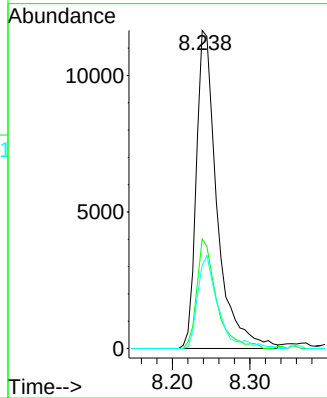
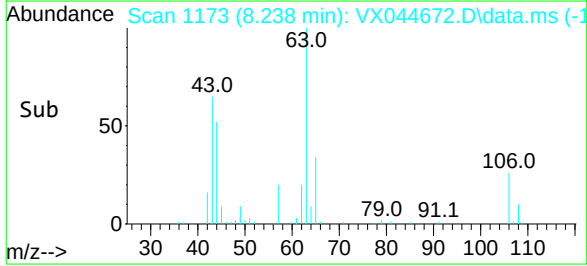
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



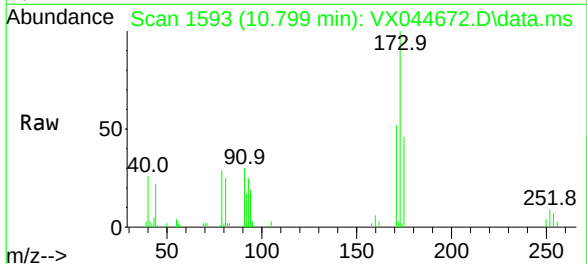
Tgt Ion: 63 Resp: 21738
Ion Ratio Lower Upper
63 100
65 31.5 25.8 38.6
106 27.2 23.1 34.7

Manual Integrations
APPROVED

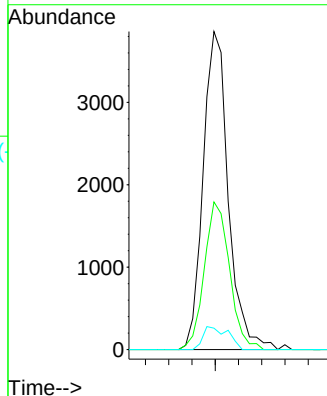
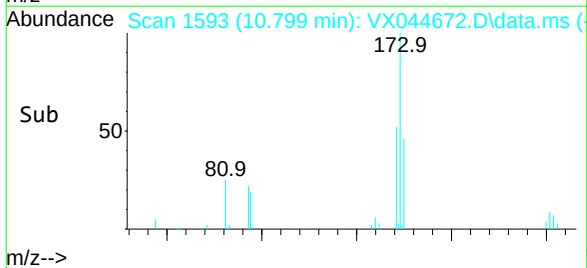
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

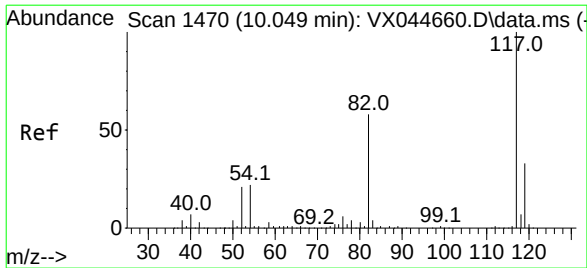


#56
Bromoform
Concen: 2.786 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46



Tgt Ion:173 Resp: 5795
Ion Ratio Lower Upper
173 100
175 46.6 39.0 58.6
254 7.1 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: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

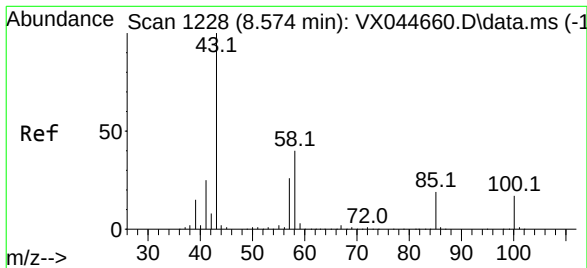
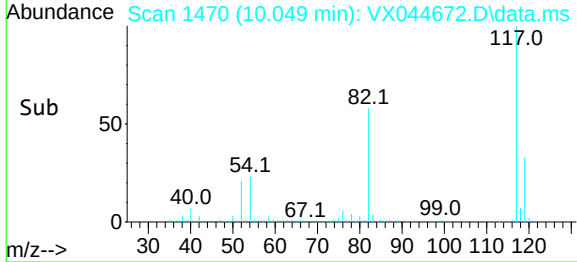
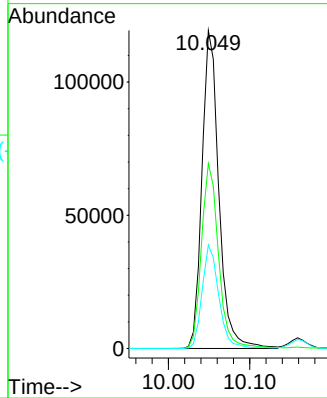
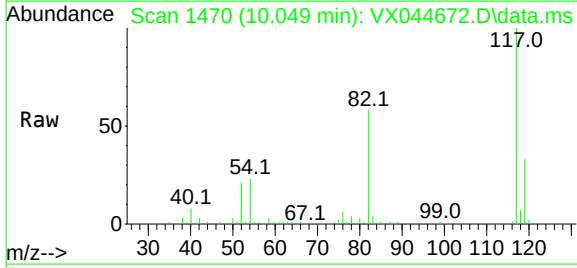
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:	117	Resp:	172163
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.8	68.6
119	32.0	25.8	38.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#58

4-Methyl-2-Pentanone

Concen: 14.687 ug/l

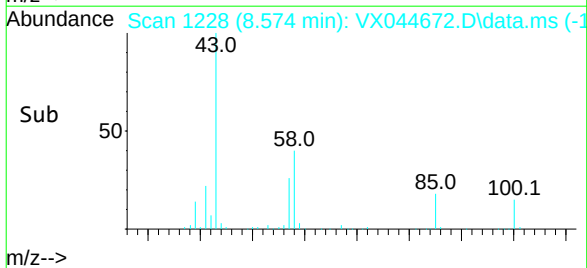
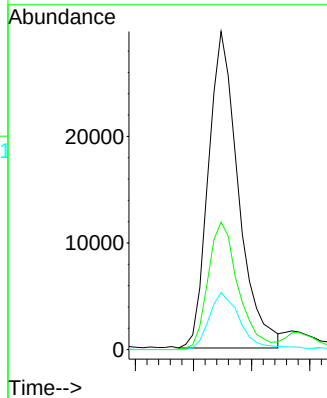
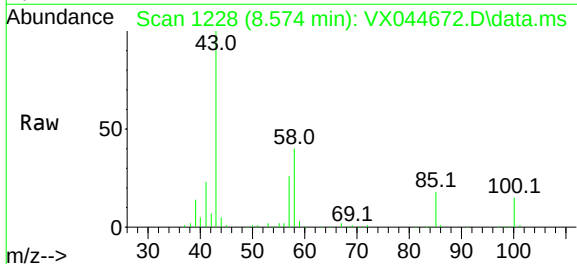
RT: 8.574 min Scan# 1228

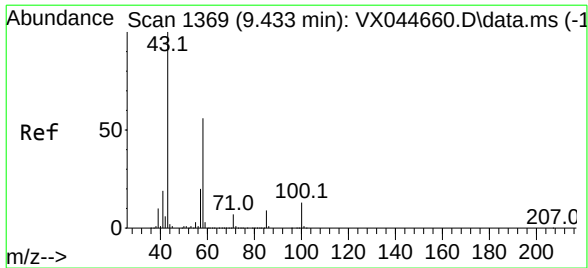
Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

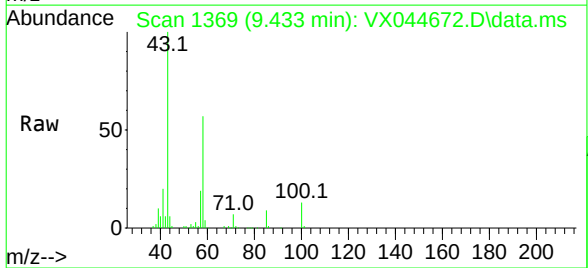
Tgt Ion:	43	Resp:	53297
Ion	Ratio	Lower	Upper
43	100		
58	40.5	31.7	47.5
85	18.9	15.0	22.6





#59
2-Hexanone
Concen: 14.623 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

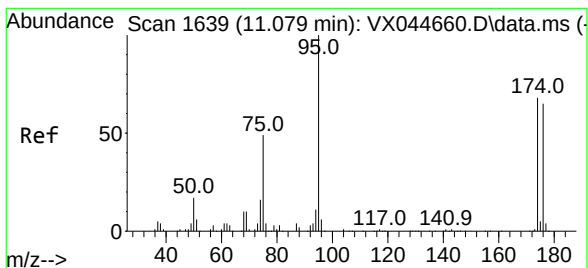
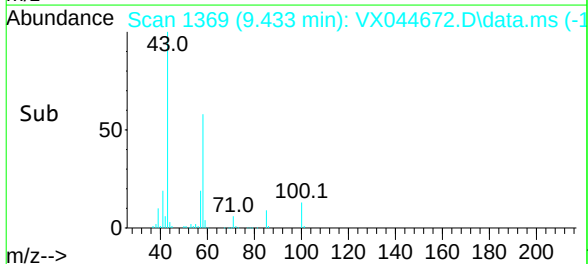
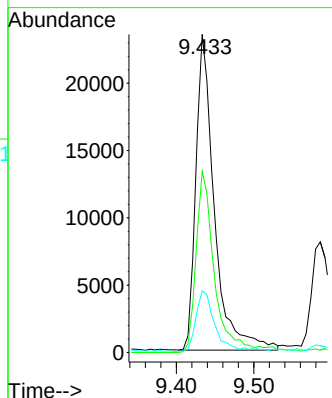
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 43	Resp: 38849
Ion Ratio	Lower Upper
43 100	
58 55.9	44.4 66.6
57 18.7	15.5 23.3

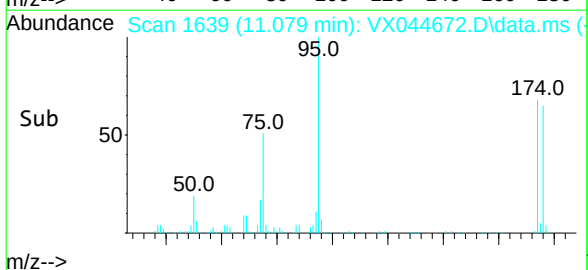
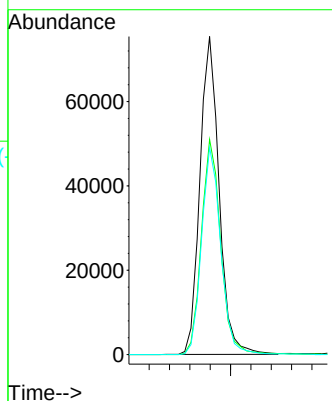
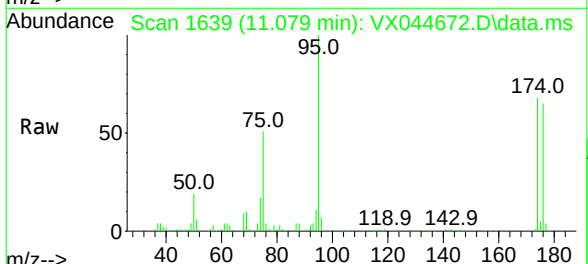
Manual Integrations
APPROVED

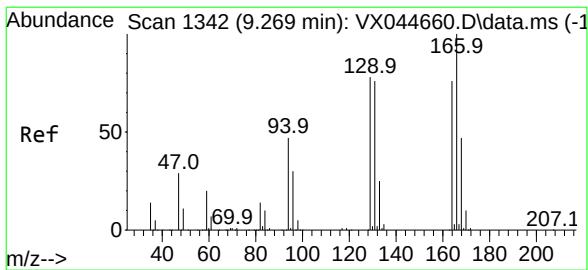
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#60
4-Bromofluorobenzene
Concen: 29.559 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

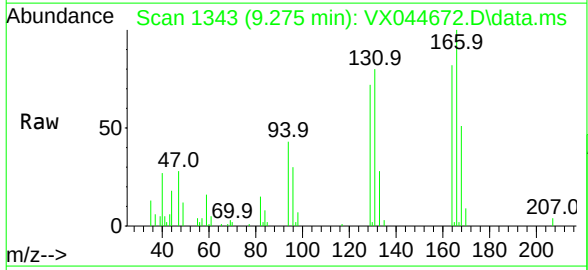
Tgt Ion: 95	Resp: 98845
Ion Ratio	Lower Upper
95 100	
174 68.3	54.6 81.8
176 65.0	52.8 79.2





#61
Tetrachloroethene
Concen: 2.778 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

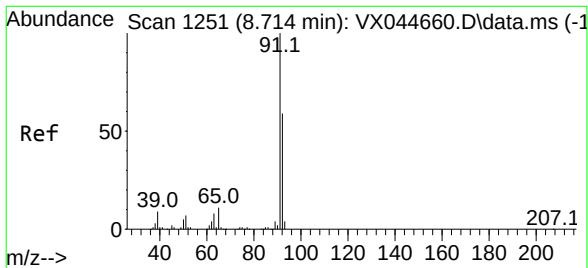
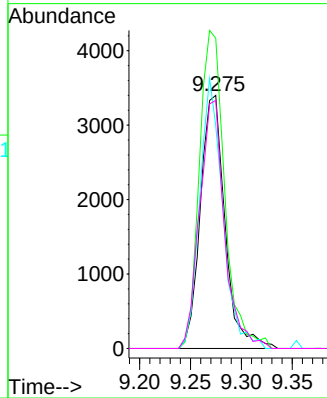
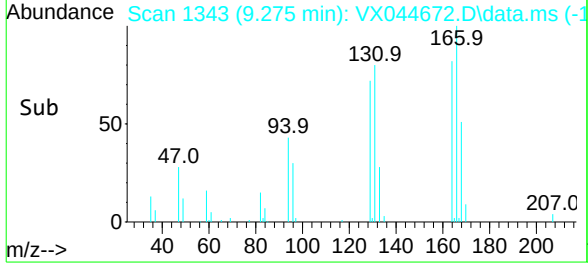
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



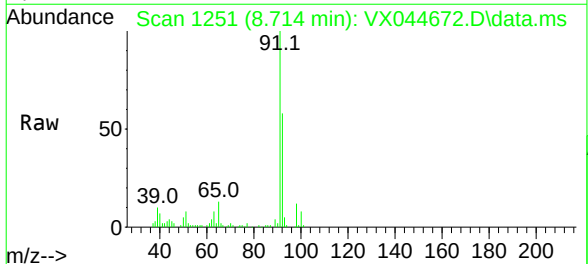
Tgt Ion: 164 Resp: 5738
Ion Ratio Lower Upper
164 100
166 122.6 105.6 158.4
129 88.0 82.8 124.2
131 98.0 80.2 120.4

Manual Integrations
APPROVED

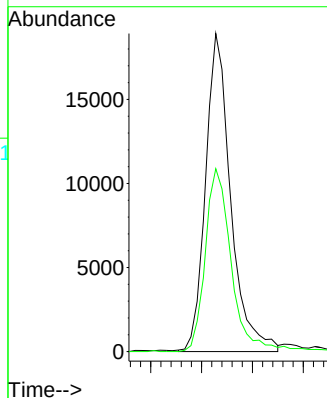
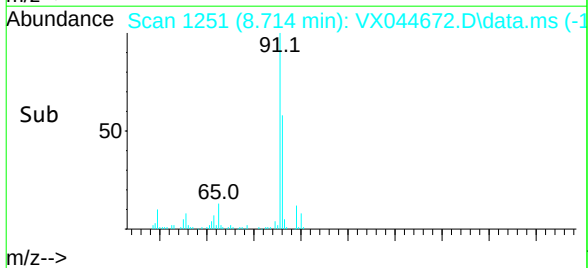
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

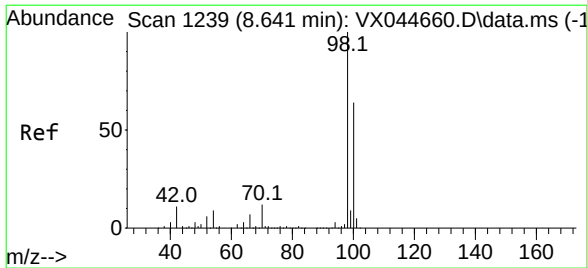


#62
Toluene
Concen: 2.865 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46



Tgt Ion: 91 Resp: 32478
Ion Ratio Lower Upper
91 100
92 59.3 47.3 70.9





#63

Toluene-d8

Concen: 30.926 ug/l

RT: 8.641 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX044672.D

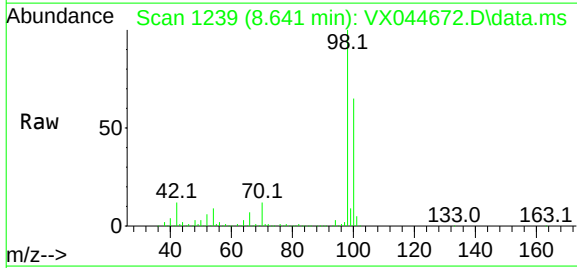
Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

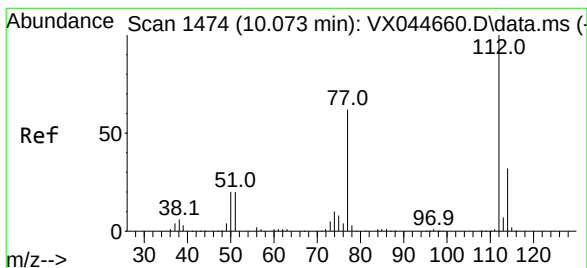
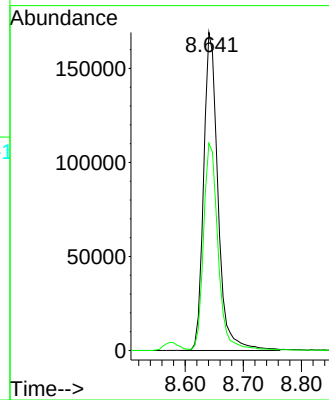
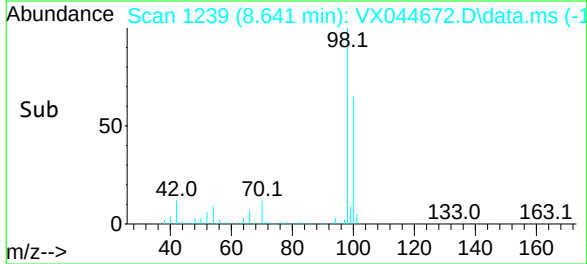


Tgt Ion:	98	Resp:	289593
Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.6	80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#64

Chlorobenzene

Concen: 2.831 ug/l

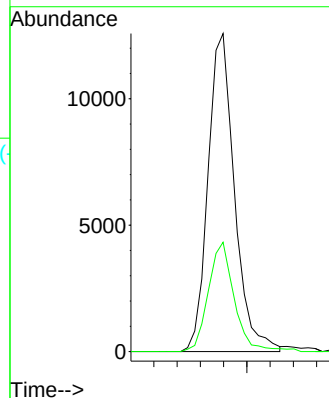
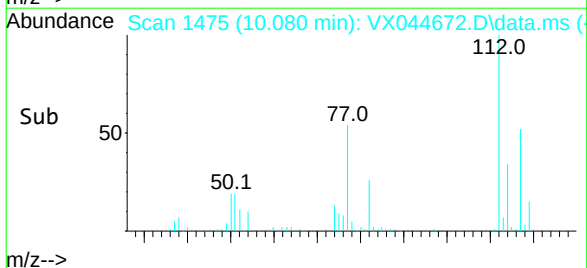
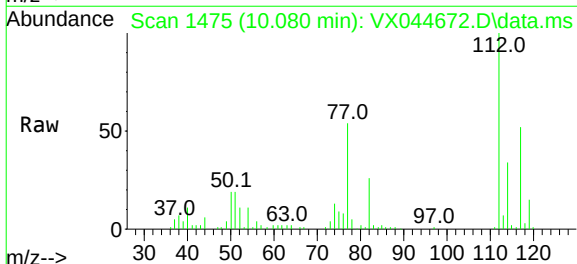
RT: 10.080 min Scan# 1475

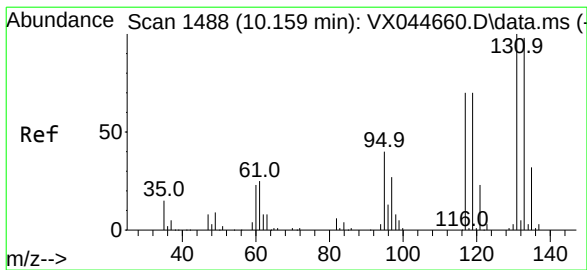
Delta R.T. 0.006 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

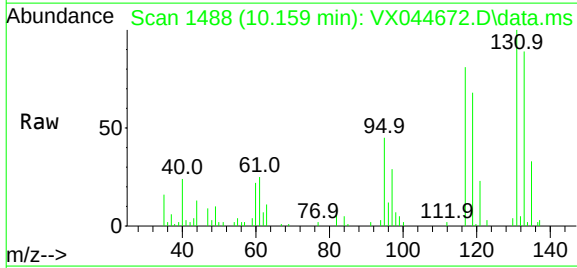
Tgt Ion:	112	Resp:	19930
Ion	Ratio	Lower	Upper
112	100		
114	34.4	25.5	38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 2.844 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

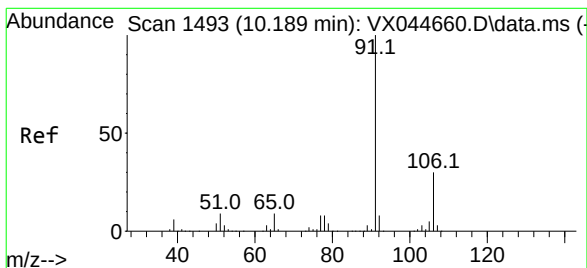
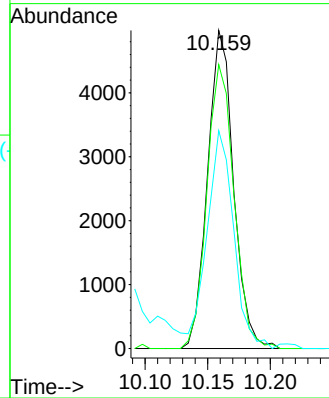
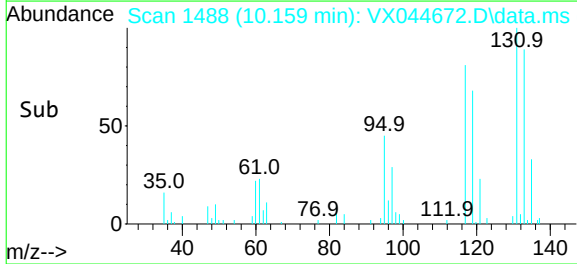
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 131 Resp: 7192
Ion Ratio Lower Upper
131 100
133 93.2 0.0 192.4
119 69.5 0.0 133.4

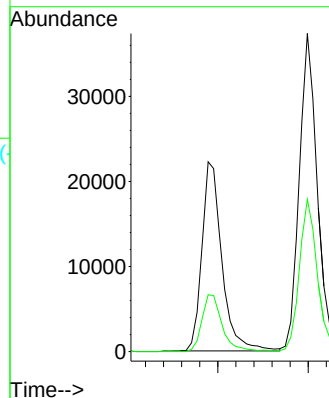
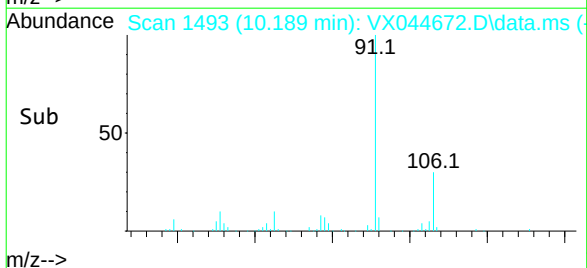
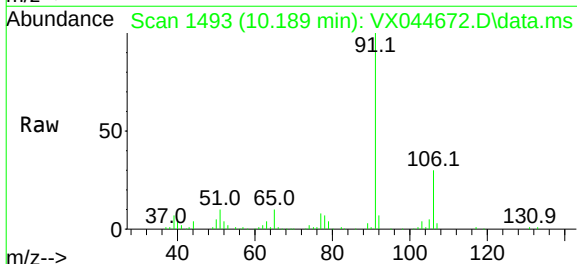
Manual Integrations
APPROVED

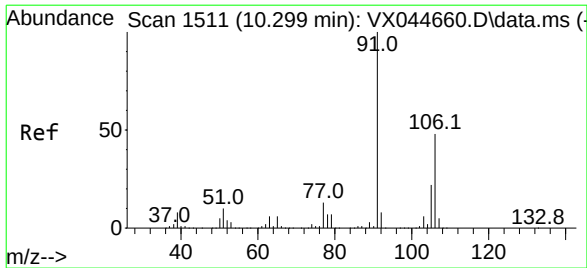
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#66
Ethyl Benzene
Concen: 2.762 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion: 91 Resp: 34171
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





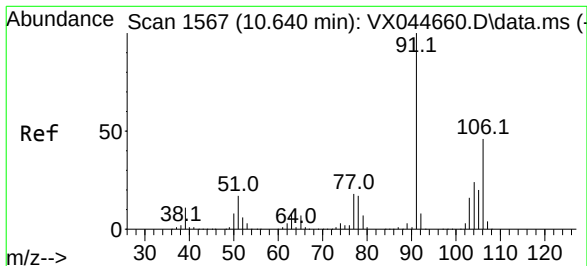
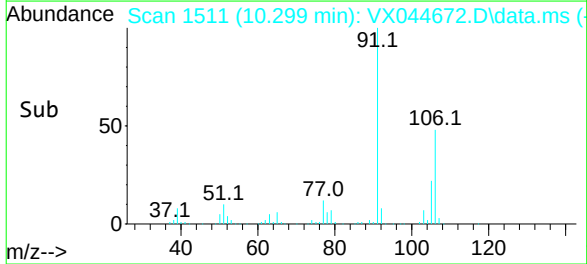
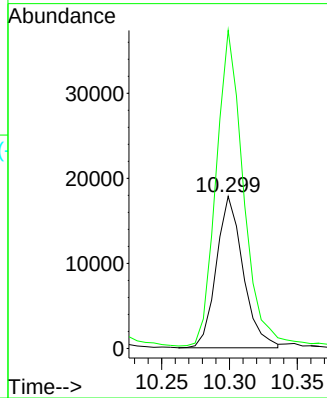
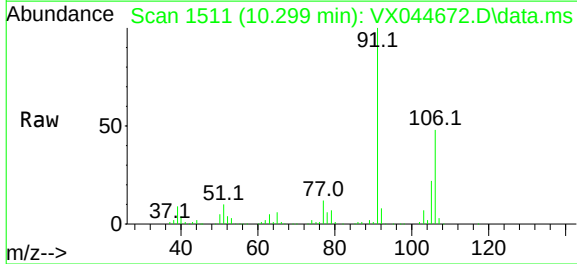
#67
m/p-Xylenes
Concen: 5.388 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:106 Resp: 24502
Ion Ratio Lower Upper
106 100
91 221.0 166.8 250.2

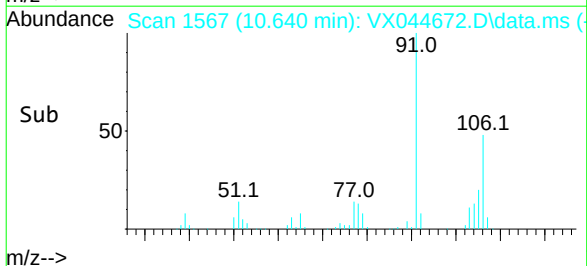
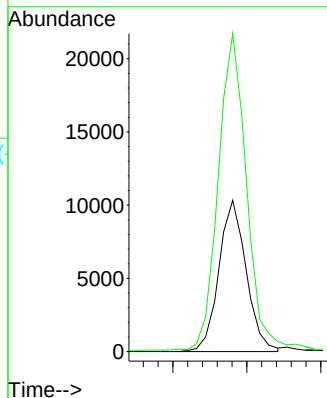
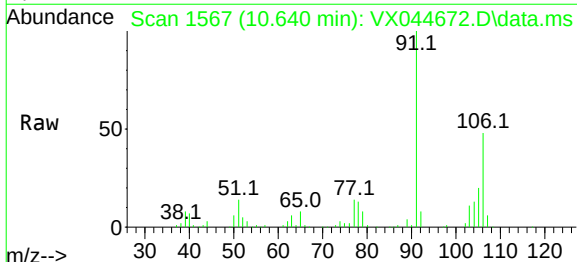
Manual Integrations
APPROVED

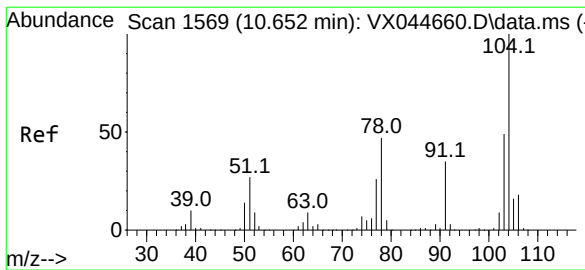
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#68
o-Xylene
Concen: 2.909 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion:106 Resp: 13277
Ion Ratio Lower Upper
106 100
91 215.2 109.7 329.1





#69

Styrene

Concen: 2.809 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

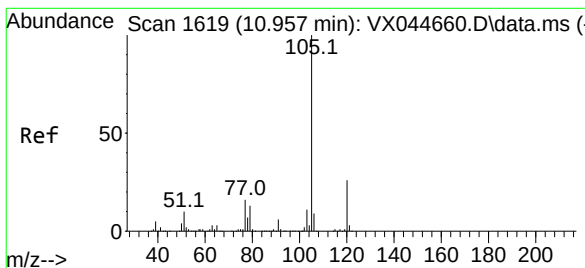
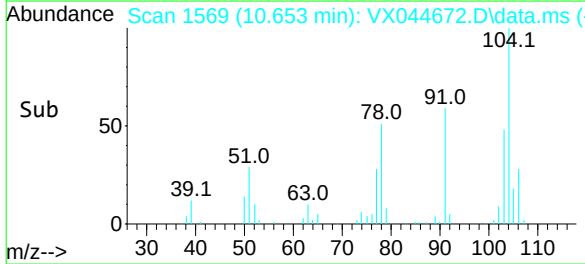
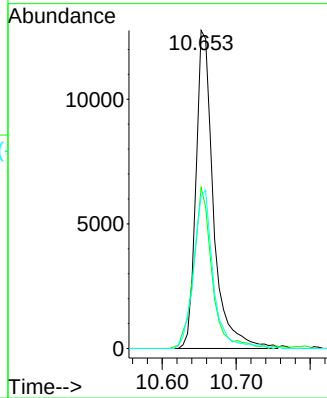
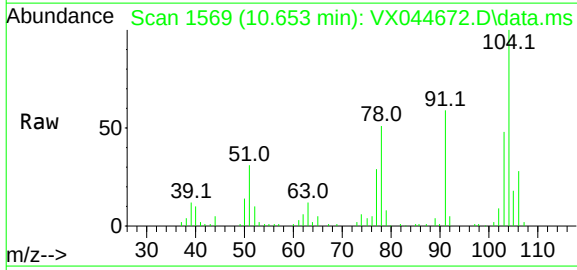
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:	104	Resp:	21051
Ion Ratio	Lower	Upper	
104	100		
78	51.2	42.0	63.0
103	55.1	43.1	64.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#70

Isopropylbenzene

Concen: 2.849 ug/l

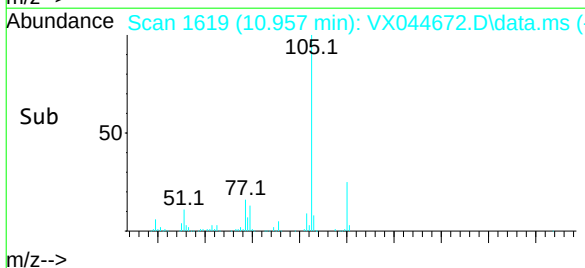
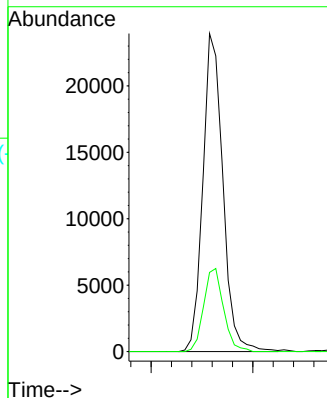
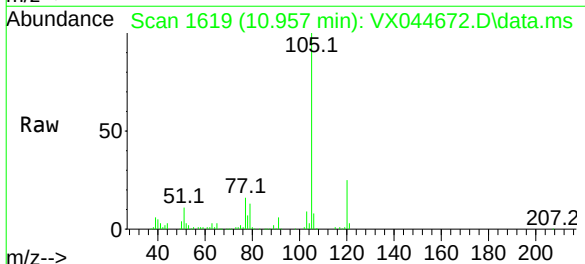
RT: 10.957 min Scan# 1619

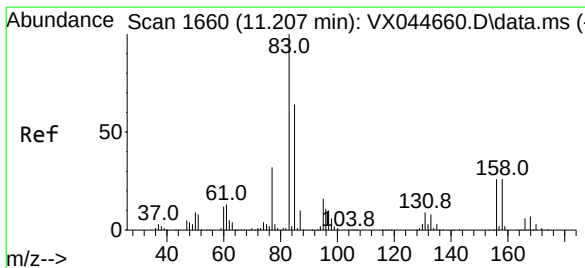
Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion:	105	Resp:	32694
Ion Ratio	Lower	Upper	
105	100		
120	25.9	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 3.055 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

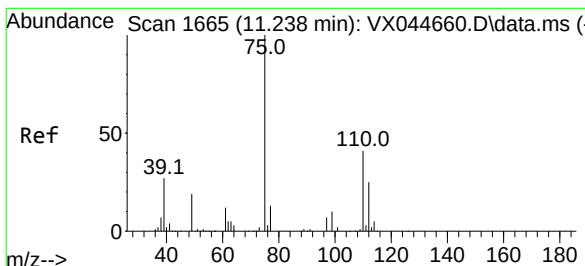
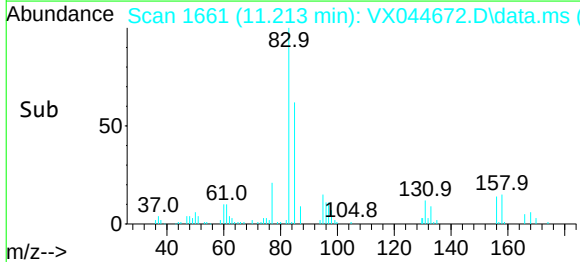
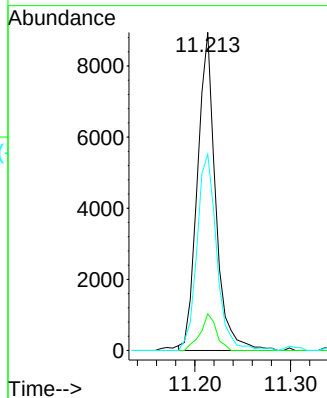
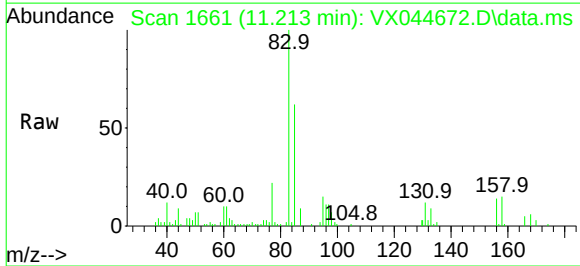
MDL-WATER-03-QT4-2024

Tgt Ion:	83	Resp:	11783
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	14.9
85	65.9	33.0	99.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#72

1,2,3-Trichloropropane

Concen: 3.040 ug/l m

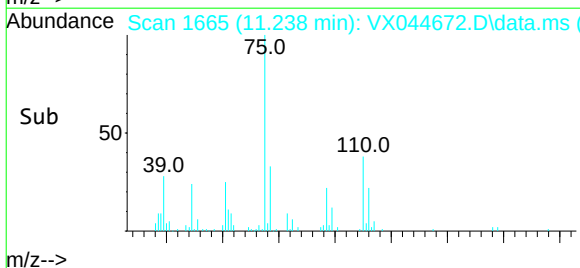
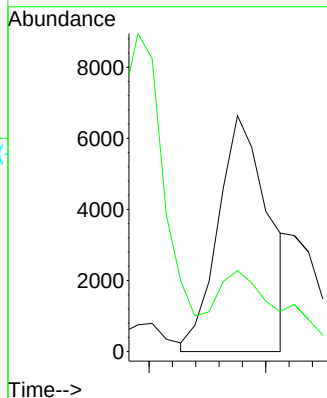
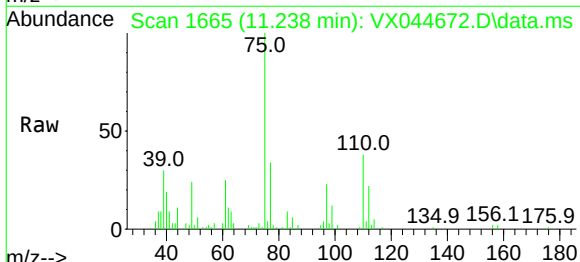
RT: 11.238 min Scan# 1665

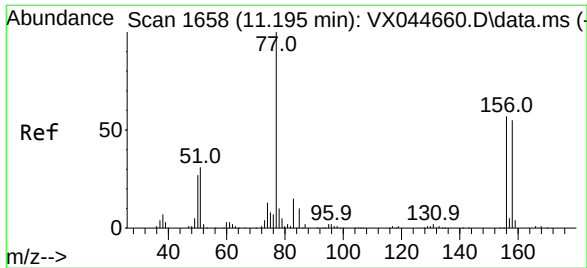
Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion:	75	Resp:	9864
Ion	Ratio	Lower	Upper
75	100		
77	36.5	0.0	83.0





#73

Bromobenzene

Concen: 2.710 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

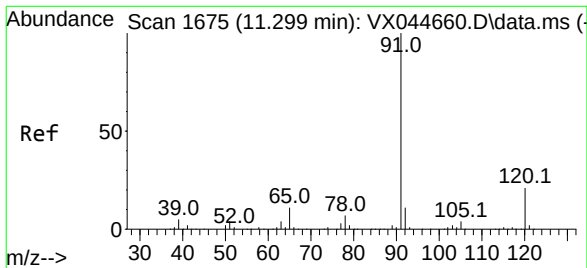
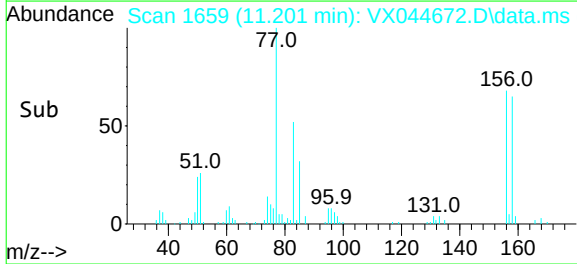
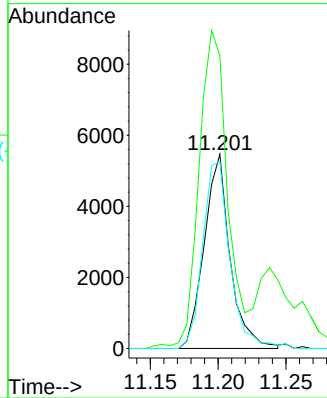
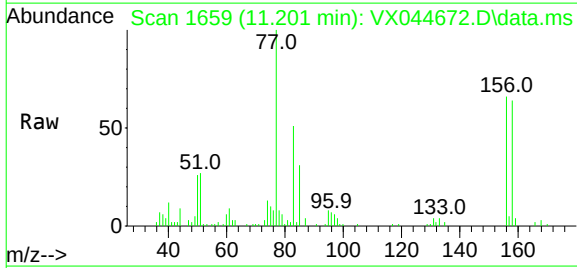
MDL-WATER-03-QT4-2024

Tgt Ion:	156	Resp:	7243
Ion Ratio	Lower	Upper	
156	100		
77	177.8	0.0	354.6
158	101.9	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#74

n-propylbenzene

Concen: 2.632 ug/l

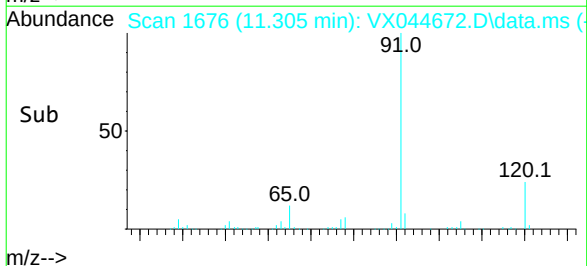
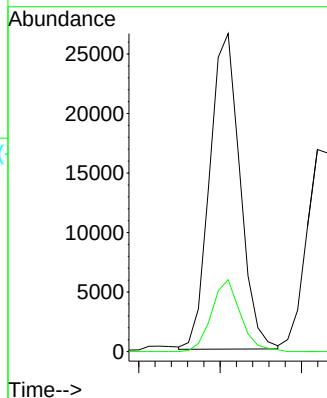
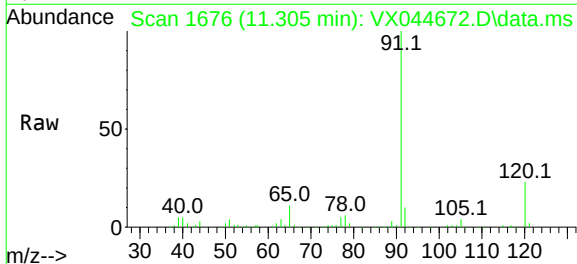
RT: 11.305 min Scan# 1676

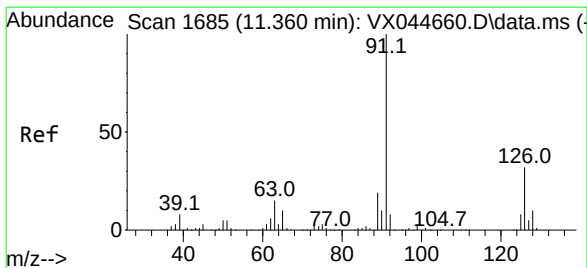
Delta R.T. 0.006 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion:	91	Resp:	34306
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	45.0





#75

2-Chlorotoluene

Concen: 2.836 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 91 Resp: 23236

Ion Ratio Lower Upper

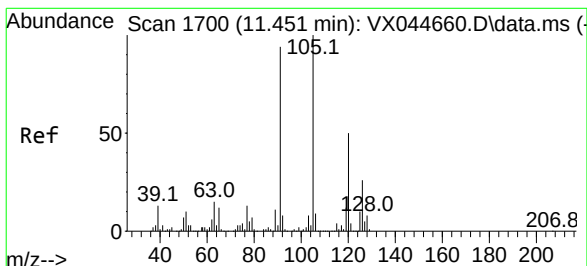
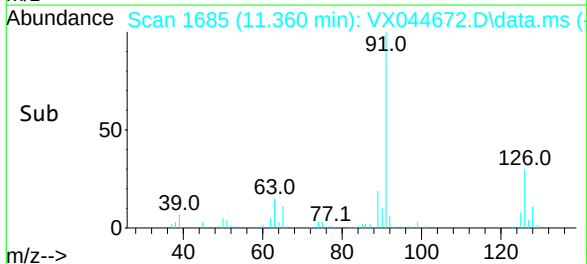
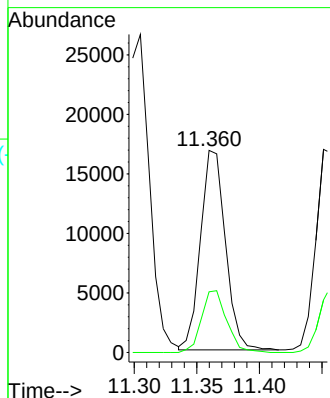
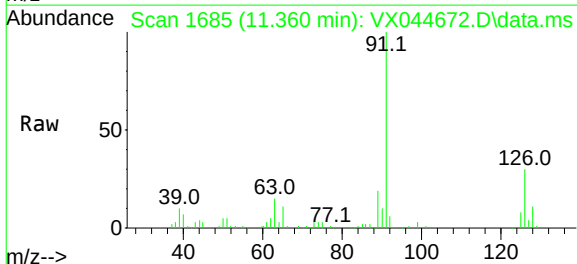
91 100

126 31.3 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#76

1,3,5-Trimethylbenzene

Concen: 2.845 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044672.D

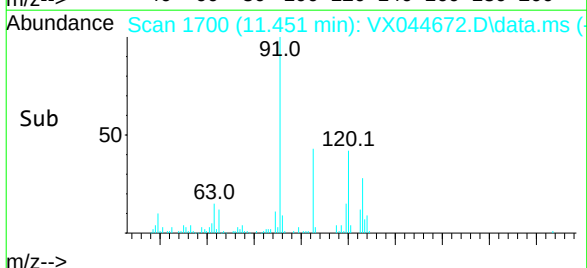
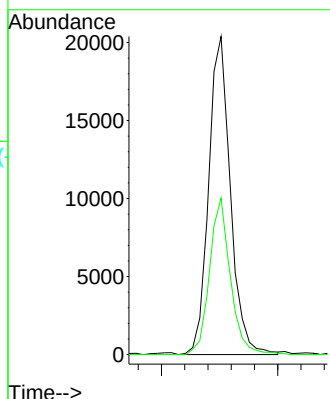
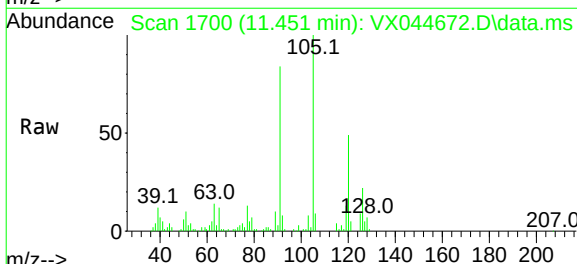
Acq: 16 Jan 2025 14:46

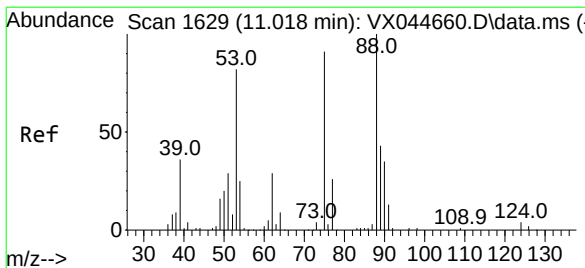
Tgt Ion:105 Resp: 26513

Ion Ratio Lower Upper

105 100

120 47.3 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 2.863 ug/l

RT: 11.018 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX044672.D

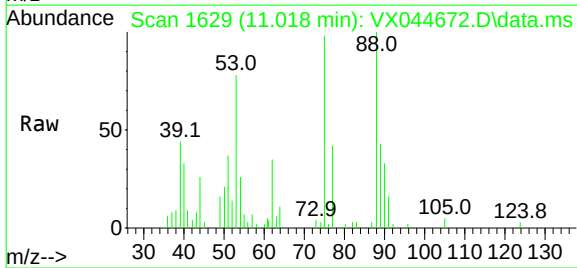
Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

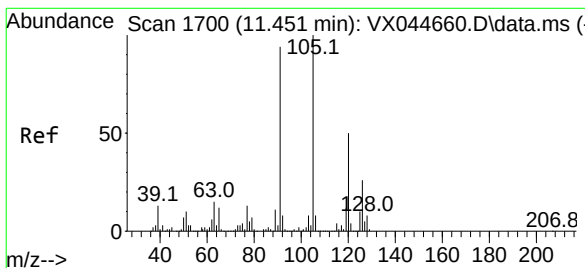
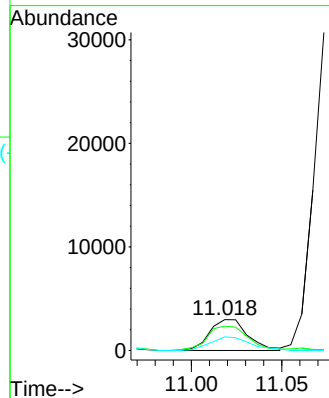
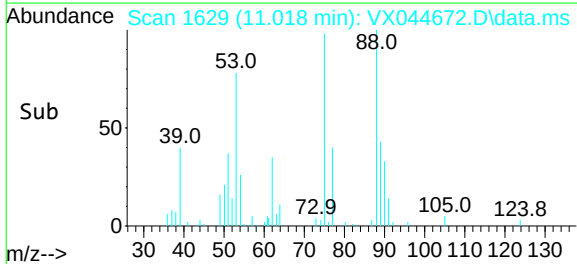
MDL-WATER-03-QT4-2024



Tgt Ion:	75	Resp:	4395
Ion	Ratio	Lower	Upper
75	100		
53	75.7	45.3	135.9
89	44.1	23.8	71.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#78

4-Chlorotoluene

Concen: 2.658 ug/l

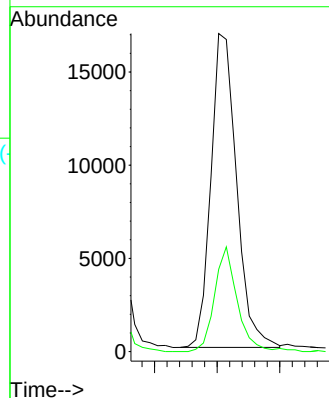
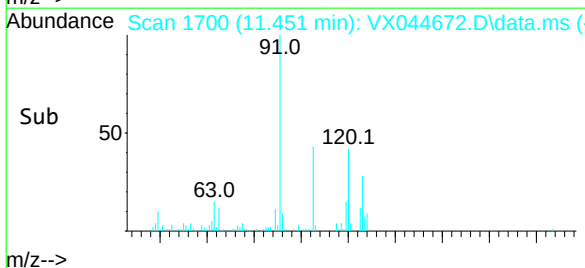
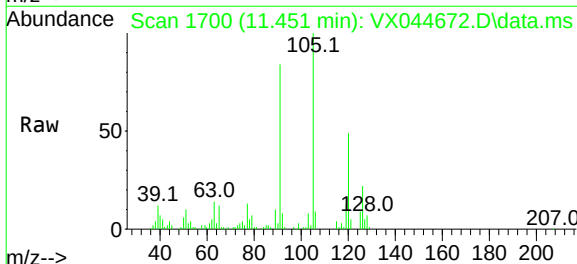
RT: 11.451 min Scan# 1700

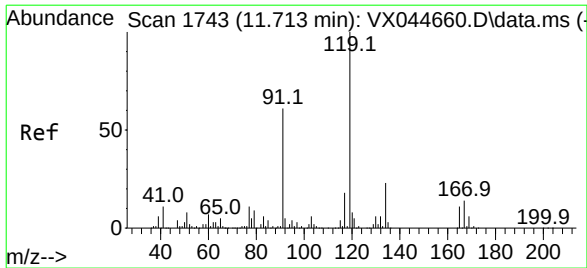
Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion:	91	Resp:	23996
Ion	Ratio	Lower	Upper
91	100		
126	29.2	0.0	55.4





#79

tert-butylbenzene

Concen: 2.863 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

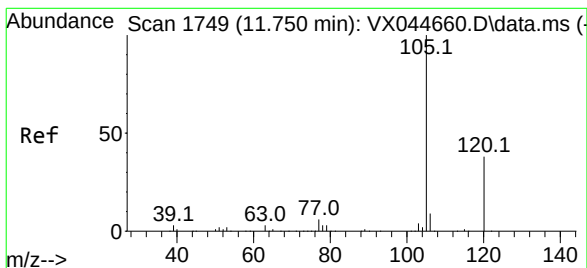
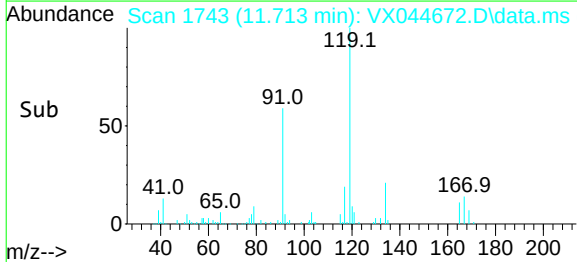
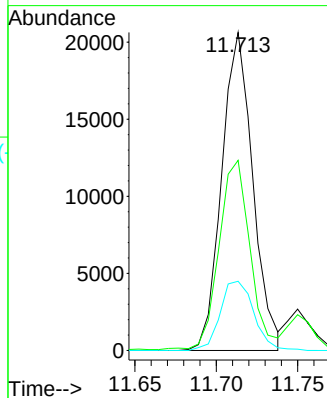
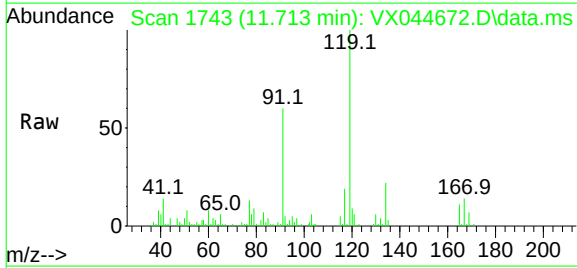
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:	119	Resp:	27410
Ion Ratio	Lower	Upper	
119	100		
91	58.6	0.0	119.0
134	23.6	0.0	44.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#80

1,2,4-Trimethylbenzene

Concen: 2.773 ug/l

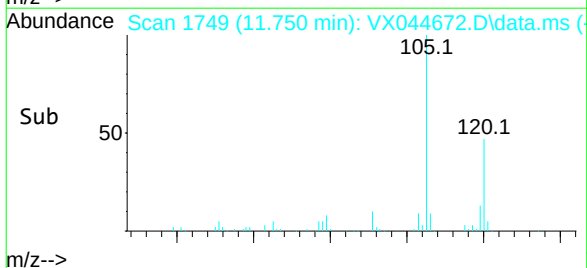
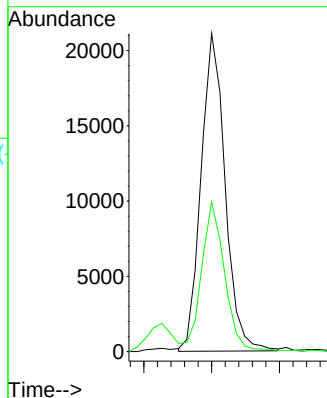
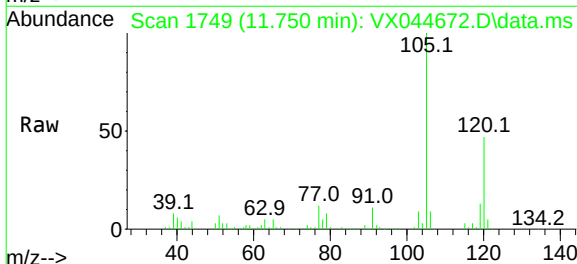
RT: 11.750 min Scan# 1749

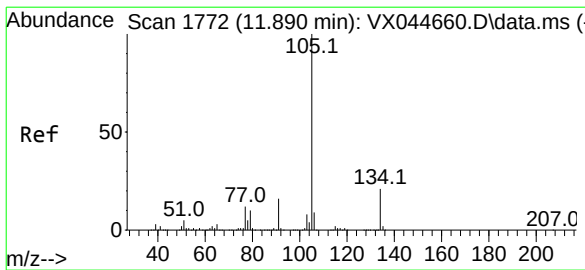
Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion:	105	Resp:	26066
Ion Ratio	Lower	Upper	
105	100		
120	45.0	0.0	88.4





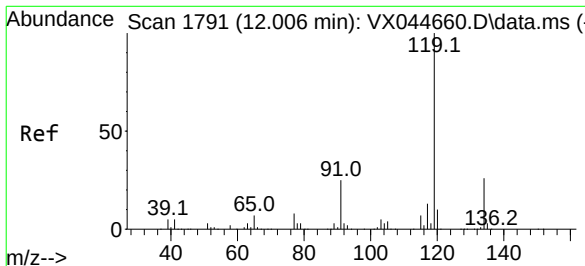
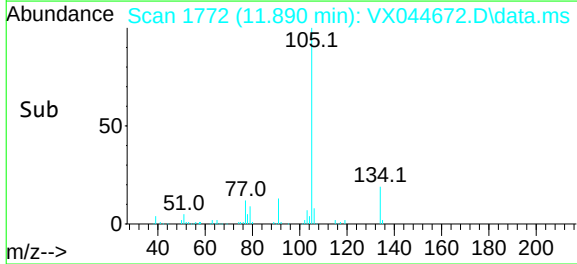
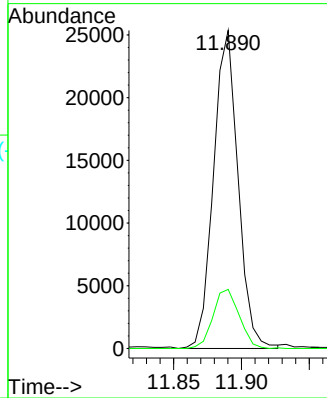
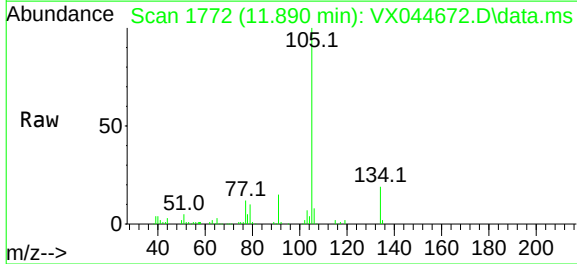
#81
sec-Butylbenzene
Concen: 2.793 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:105 Resp: 31924
Ion Ratio Lower Upper
105 100
134 19.8 0.0 39.6

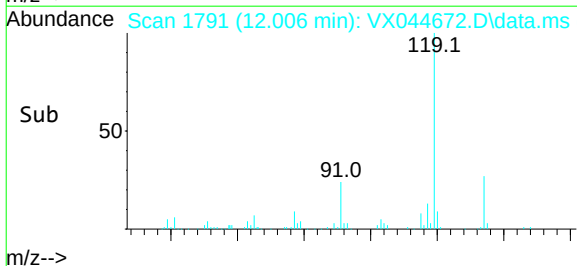
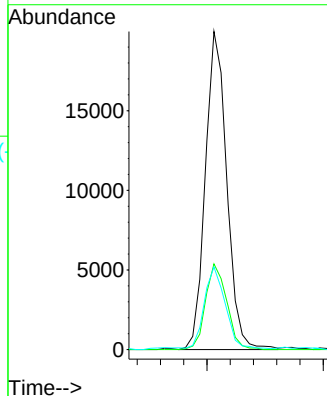
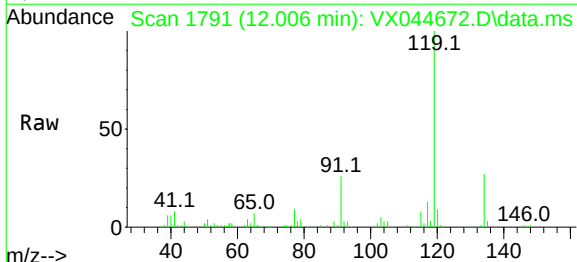
Manual Integrations
APPROVED

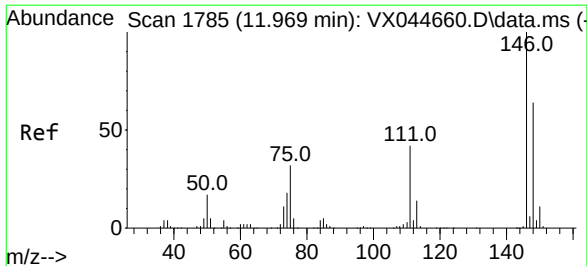
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#82
p-Isopropyltoluene
Concen: 2.724 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

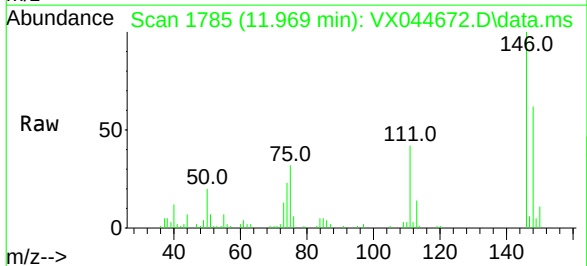
Tgt Ion:119 Resp: 25625
Ion Ratio Lower Upper
119 100
134 26.6 0.0 52.2
91 25.3 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 2.696 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

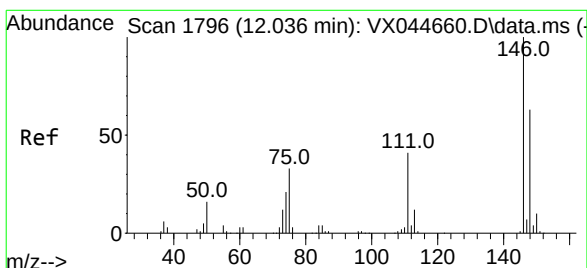
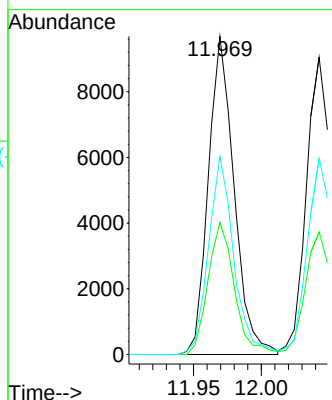
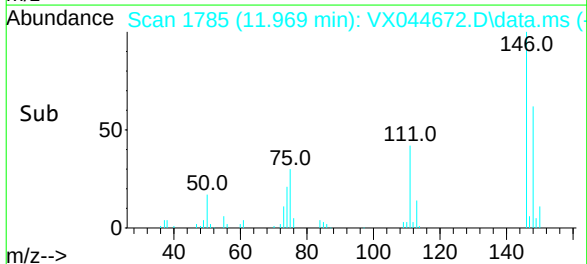
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



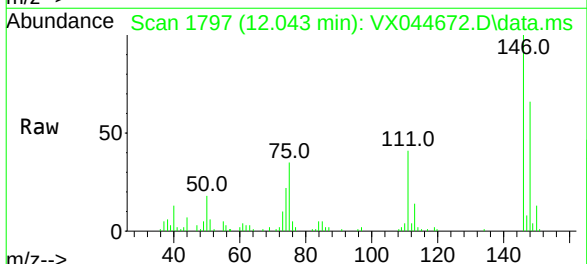
Tgt Ion:146 Resp: 12802
Ion Ratio Lower Upper
146 100
111 42.5 21.6 64.6
148 61.1 31.6 94.7

Manual Integrations
APPROVED

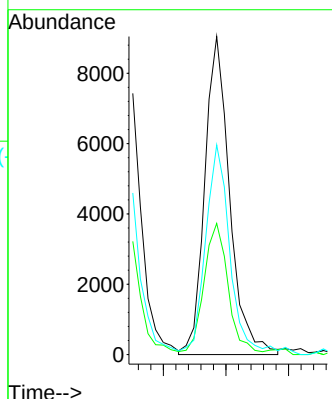
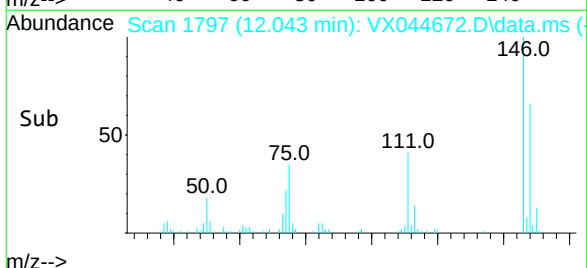
Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025

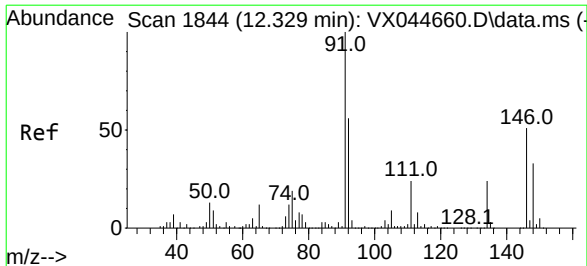


#84
1,4-Dichlorobenzene
Concen: 2.689 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46



Tgt Ion:146 Resp: 12516
Ion Ratio Lower Upper
146 100
111 40.5 20.8 62.5
148 60.2 32.1 96.5





#85

n-Butylbenzene

Concen: 2.544 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

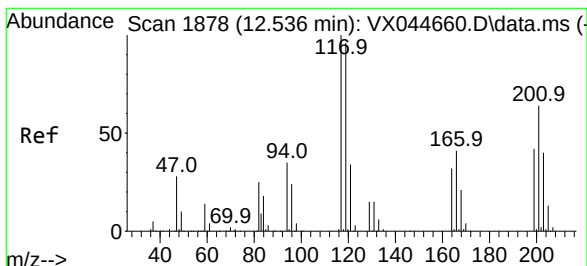
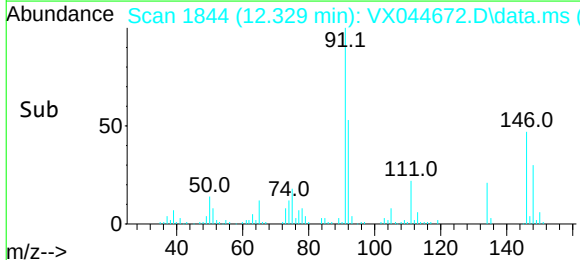
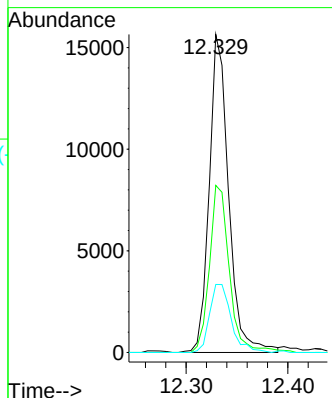
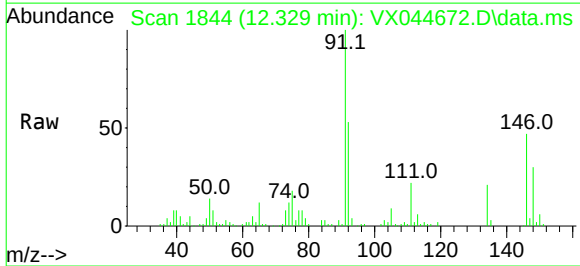
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:	91	Resp:	20750
Ion Ratio	Lower	Upper	
91	100		
92	52.9	0.0	109.4
134	23.8	0.0	49.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#86

Hexachloroethane

Concen: 2.715 ug/l

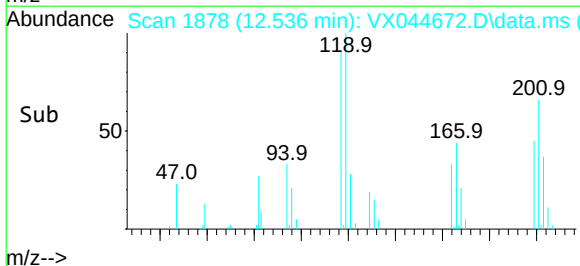
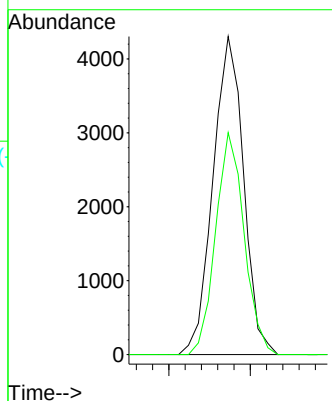
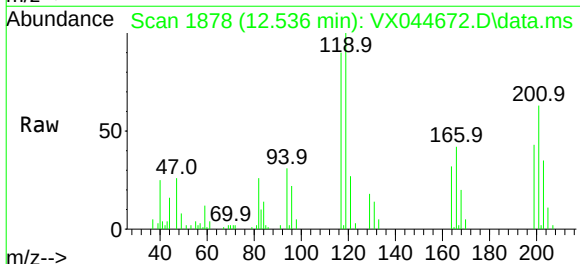
RT: 12.536 min Scan# 1878

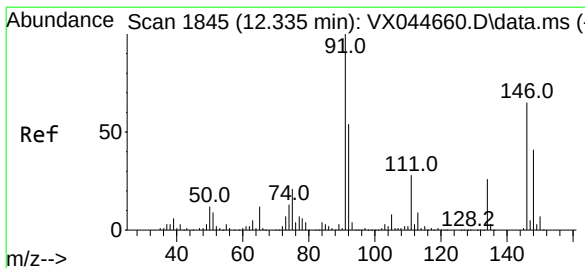
Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion:	117	Resp:	5619
Ion Ratio	Lower	Upper	
117	100		
201	64.9	33.0	98.9





#87

1,2-Dichlorobenzene

Concen: 2.862 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

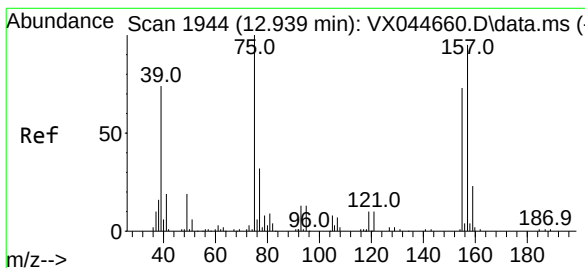
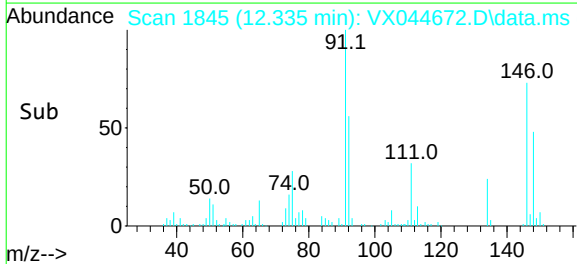
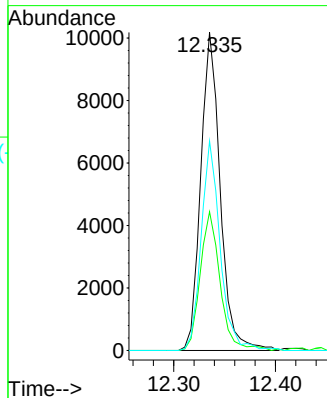
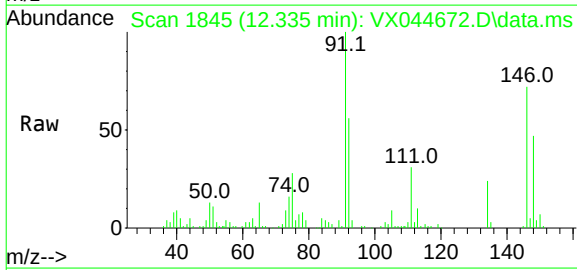
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:	146	Resp:	13568
Ion Ratio	Lower	Upper	
146	100		
111	43.6	22.2	66.6
148	62.7	32.1	96.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.929 ug/l

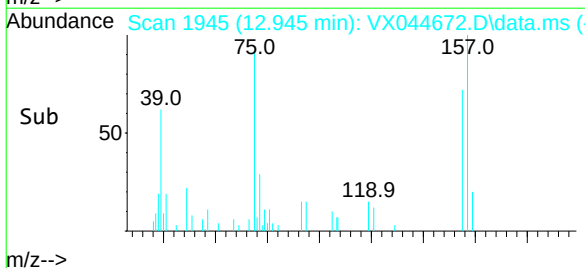
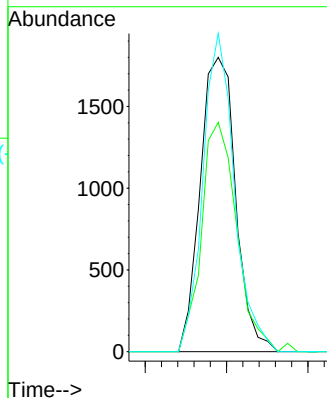
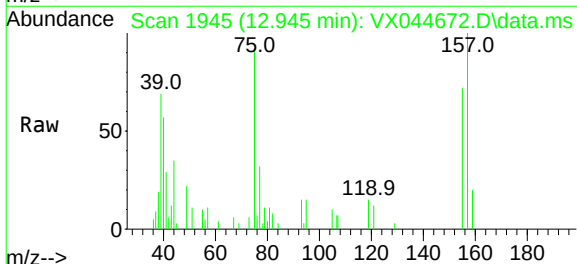
RT: 12.945 min Scan# 1945

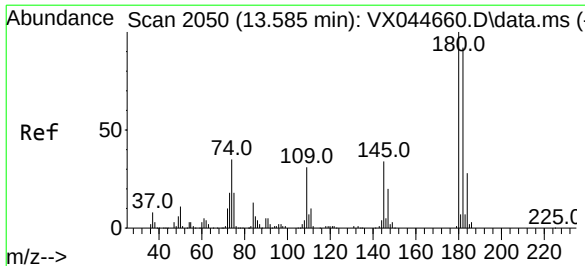
Delta R.T. 0.006 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion:	75	Resp:	2721
Ion Ratio	Lower	Upper	
75	100		
155	77.0	62.3	93.5
157	96.1	79.9	119.9





#89

1,2,4-Trichlorobenzene

Concen: 2.529 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

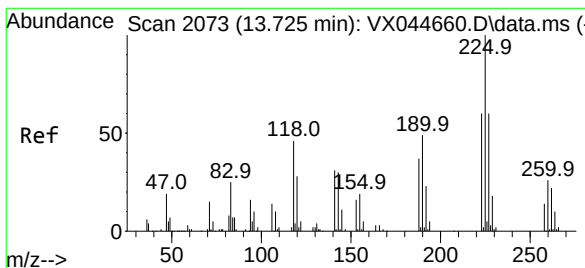
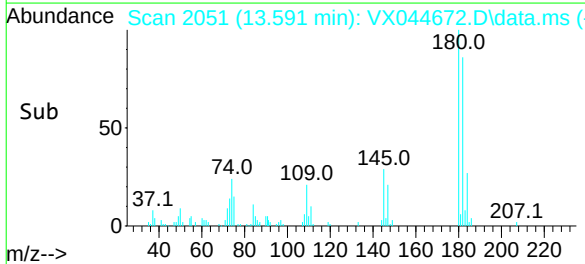
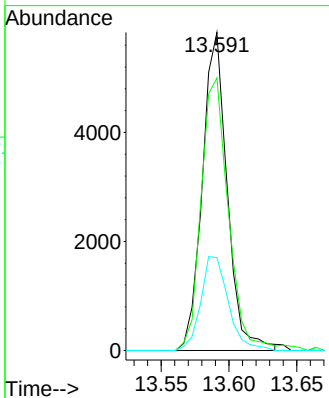
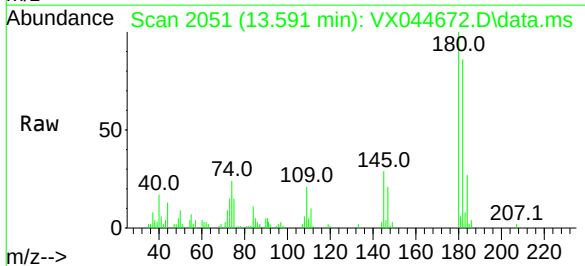
MDL-WATER-03-QT4-2024

Tgt Ion:	180	Resp:	7450
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.6	113.4
145	32.9	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#90

Hexachlorobutadiene

Concen: 2.766 ug/l

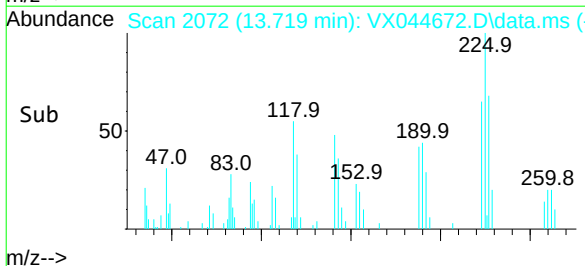
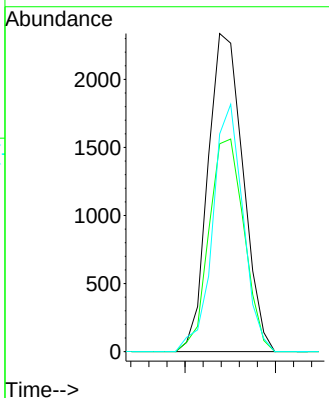
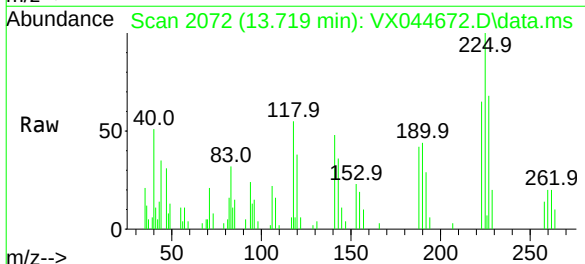
RT: 13.719 min Scan# 2072

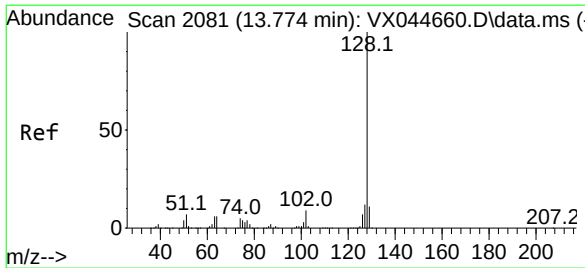
Delta R.T. -0.006 min

Lab File: VX044672.D

Acq: 16 Jan 2025 14:46

Tgt Ion:	225	Resp:	3152
Ion Ratio	Lower	Upper	
225	100		
223	66.8	0.0	123.0
227	67.2	0.0	124.2





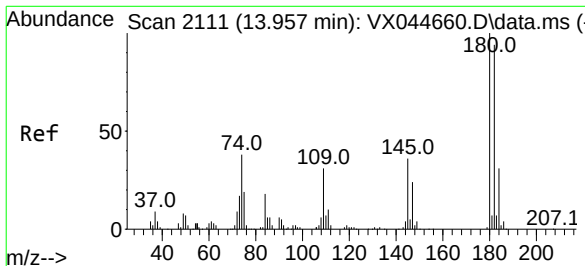
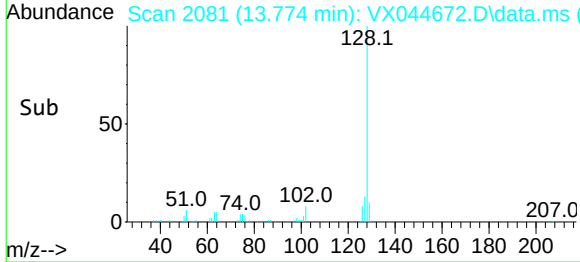
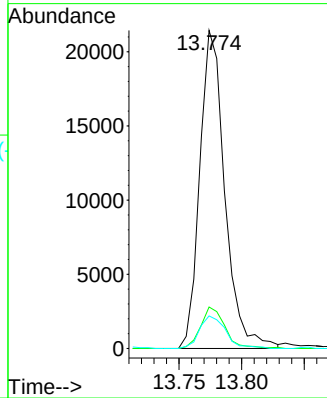
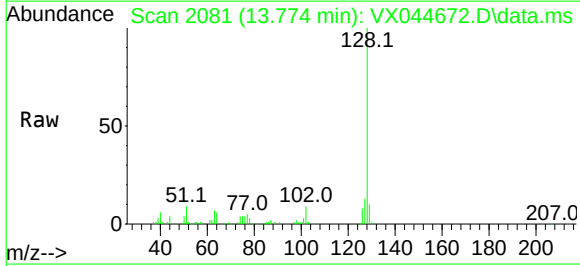
#91
Naphthalene
Concen: 2.706 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:	128	Resp:	29831
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.7	9.0	13.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
Supervised By :Semsettin Yesilyurt 01/17/2025



#92
1,2,3-Trichlorobenzene
Concen: 2.488 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044672.D
Acq: 16 Jan 2025 14:46

Tgt Ion:	180	Resp:	7455
Ion Ratio	Lower	Upper	
180	100		
182	97.8	0.0	187.8
145	36.2	0.0	69.8

