

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044958.D
 Acq On : 14 Feb 2025 13:57
 Operator : JC/MD
 Sample : Q1168-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 15 03:04:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 15 03:00:59 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83007	58.254	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.500%			
35) Dibromofluoromethane	5.379	113	64950	55.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.280%			
50) Toluene-d8	8.647	98	237174	53.251	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.500%			
62) 4-Bromofluorobenzene	11.079	95	80639	53.705	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	3641	2.667	ug/l	98
3) Chloromethane	1.307	50	4511	2.715	ug/l	97
4) Vinyl Chloride	1.374	62	4045	2.513	ug/l	98
5) Bromomethane	1.593	94	1657	3.440	ug/l	93
6) Chloroethane	1.666	64	2398	4.018	ug/l #	80
7) Trichlorofluoromethane	1.874	101	5545	2.724	ug/l	99
8) Diethyl Ether	2.130	74	1989	2.694	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.319	101	3314	2.694	ug/l	98
10) Methyl Iodide	2.441	142	4030	2.528	ug/l	98
11) Tert butyl alcohol	2.965	59	5099	19.289	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	3012	2.401	ug/l	97
13) Acrolein	2.233	56	4117	15.095	ug/l	93
14) Allyl chloride	2.654	41	5767	2.543	ug/l	95
15) Acrylonitrile	3.063	53	9576	13.568	ug/l	95
16) Acetone	2.380	43	8669	15.134	ug/l	95
17) Carbon Disulfide	2.502	76	7604	2.210	ug/l #	94
18) Methyl Acetate	2.703	43	4909	2.716	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	10025	2.511	ug/l	95
20) Methylene Chloride	2.782	84	3803	2.710	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	3075	2.490	ug/l	95
22) Diisopropyl ether	3.758	45	10961	2.555	ug/l #	62
23) Vinyl Acetate	3.721	43	40313	11.527	ug/l	98
24) 1,1-Dichloroethane	3.605	63	6553	2.730	ug/l	97
25) 2-Butanone	4.568	43	12685	13.637	ug/l #	87
26) 2,2-Dichloropropane	4.465	77	4410	2.317	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	3720	2.508	ug/l	87
28) Bromochloromethane	4.898	49	3313	2.872	ug/l #	94
29) Tetrahydrofuran	5.013	42	8855	14.336	ug/l	95
30) Chloroform	5.093	83	6315	2.713	ug/l	87
31) Cyclohexane	5.465	56	5510	2.490	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	5080	2.573	ug/l	97
36) 1,1-Dichloropropene	5.684	75	4327	2.546	ug/l	98
37) Ethyl Acetate	4.727	43	5249m	2.777	ug/l	
38) Carbon Tetrachloride	5.672	117	4507	2.707	ug/l	99
39) Methylcyclohexane	7.373	83	5236	2.383	ug/l	97
40) Benzene	6.038	78	13811	2.603	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	2284	2.258	ug/l #	78
42) 1,2-Dichloroethane	6.093	62	4879	2.885	ug/l	84
43) Isopropyl Acetate	6.349	43	6808	2.230	ug/l #	94
44) Trichloroethene	7.129	130	2894	2.386	ug/l	85
45) 1,2-Dichloropropane	7.428	63	3512	2.660	ug/l #	87
46) Dibromomethane	7.586	93	2611	2.852	ug/l	91
47) Bromodichloromethane	7.818	83	4342	2.449	ug/l #	96
48) Methyl methacrylate	7.708	41	3631	2.523	ug/l	94
49) 1,4-Dioxane	7.671	88	1796	58.165	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	23652	12.746	ug/l	99
52) Toluene	8.714	92	7534	2.384	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	3496	1.949	ug/l	93
54) cis-1,3-Dichloropropene	8.373	75	4458	2.229	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	3030	2.494	ug/l	98
56) Ethyl methacrylate	9.122	69	4509	2.298	ug/l	96
57) 1,3-Dichloropropane	9.305	76	5330	2.508	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	11355	11.787	ug/l	98
59) 2-Hexanone	9.433	43	17096	12.787	ug/l	98
60) Dibromochloromethane	9.519	129	3282	2.526	ug/l	93
61) 1,2-Dibromoethane	9.616	107	3097	2.515	ug/l	100
64) Tetrachloroethene	9.275	164	2602	2.573	ug/l	84
65) Chlorobenzene	10.080	112	8435	2.449	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	2659	2.398	ug/l	94
67) Ethyl Benzene	10.195	91	14346	2.360	ug/l	99
68) m/p-Xylenes	10.299	106	10557	4.708	ug/l	95
69) o-Xylene	10.640	106	5165	2.296	ug/l	89
70) Styrene	10.659	104	8832	2.436	ug/l	97
71) Bromoform	10.799	173	1876	2.267	ug/l #	96
73) Isopropylbenzene	10.957	105	13472	2.391	ug/l	99
74) N-amyl acetate	10.848	43	5296	2.078	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	5127	2.649	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	4519m	2.913	ug/l	
77) Bromobenzene	11.195	156	3169	2.481	ug/l	98
78) n-propylbenzene	11.305	91	15293	2.352	ug/l	97
79) 2-Chlorotoluene	11.366	91	10313	2.581	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	10844	2.372	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	1030m	1.708	ug/l	
82) 4-Chlorotoluene	11.457	91	10936	2.474	ug/l	97
83) tert-Butylbenzene	11.713	119	11022	2.383	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	11116	2.464	ug/l	100
85) sec-Butylbenzene	11.890	105	13395	2.339	ug/l	99
86) p-Isopropyltoluene	12.006	119	10646	2.312	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	5778	2.460	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	6081	2.561	ug/l	87
89) n-Butylbenzene	12.335	91	8497	2.086	ug/l	99
90) Hexachloroethane	12.536	117	1848	2.143	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	6338	2.746	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	863	2.443	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	2916	2.088	ug/l	96
94) Hexachlorobutadiene	13.725	225	1278	2.305	ug/l	92
95) Naphthalene	13.774	128	11040	2.187	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3217	2.286	ug/l	95

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Quant Title : SW846 8260
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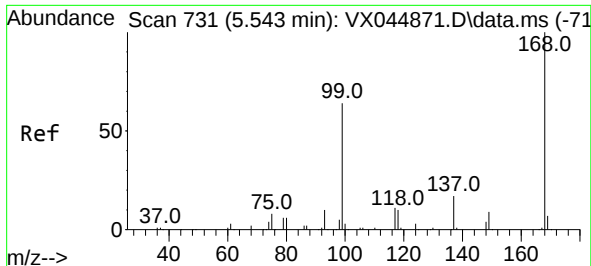
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

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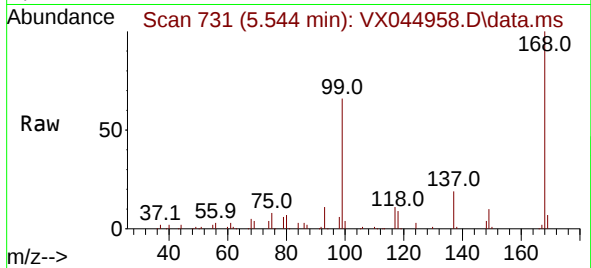
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
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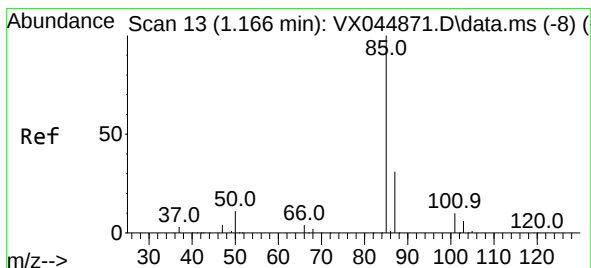
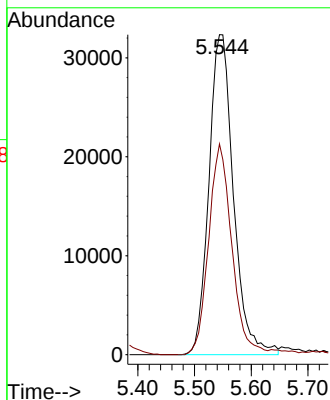
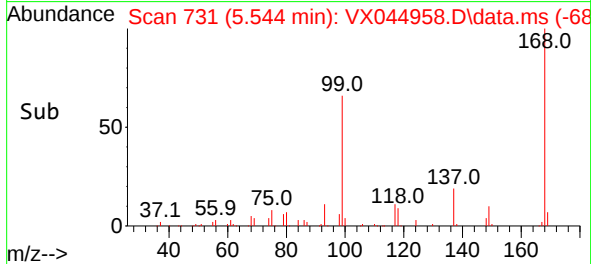
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:168 Resp: 9734
Ion Ratio Lower Upper
168 100
99 65.8 51.2 76.8

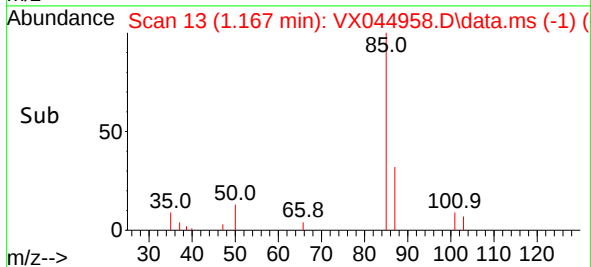
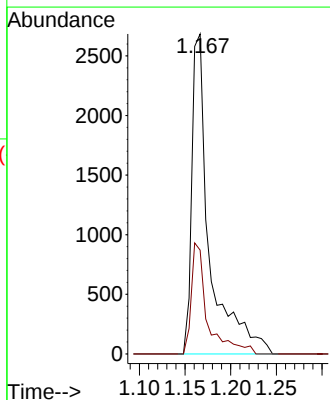
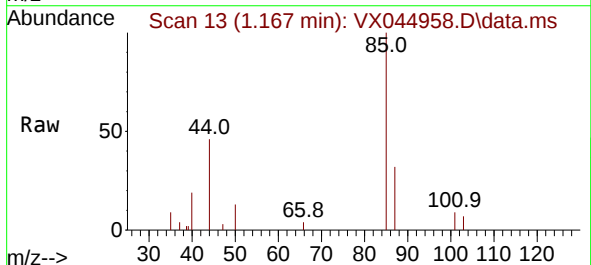
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#2
Dichlorodifluoromethane
Concen: 2.667 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 85 Resp: 3641
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.3





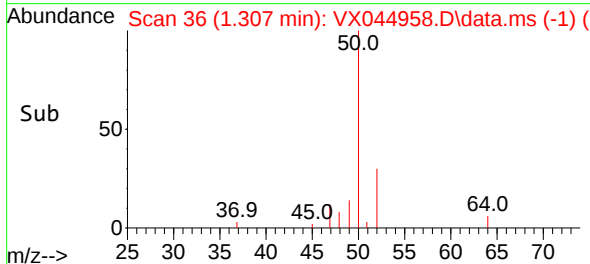
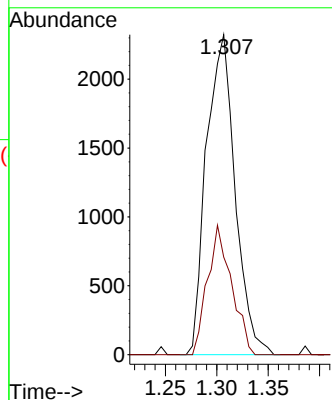
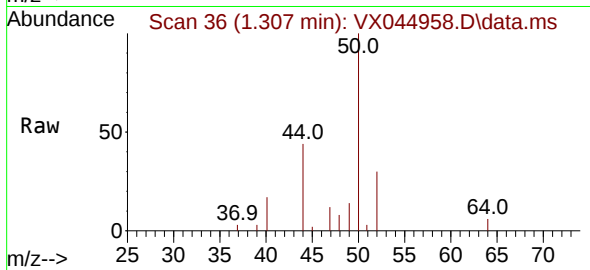
#3
Chloromethane
Concen: 2.715 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 30.5 25.9 38.9

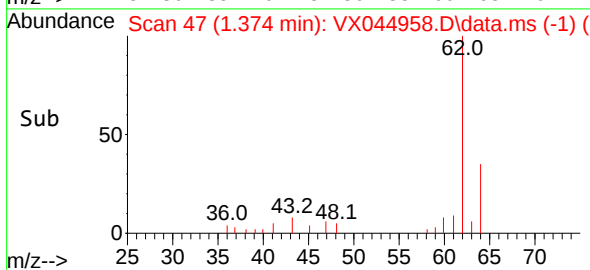
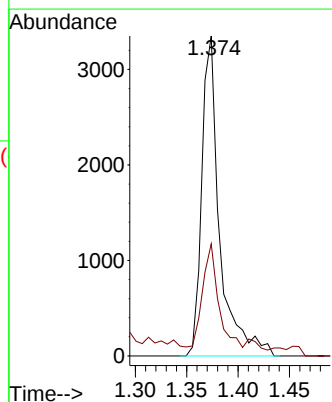
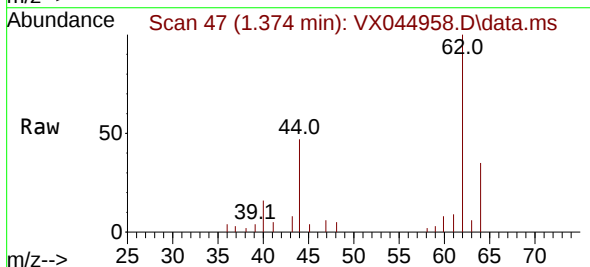
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#4
Vinyl Chloride
Concen: 2.513 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

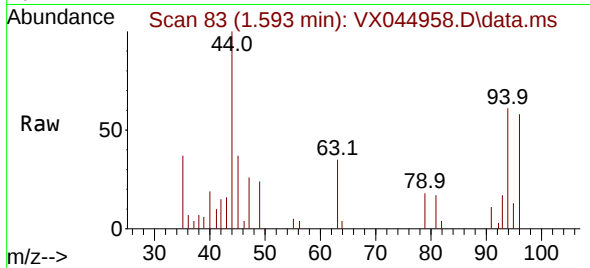
Tgt Ion: 62 Resp: 4045
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 3.440 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

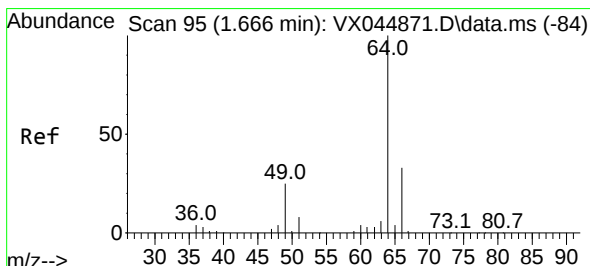
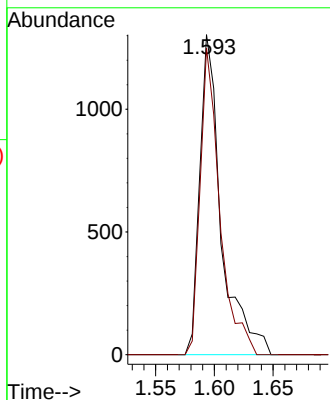
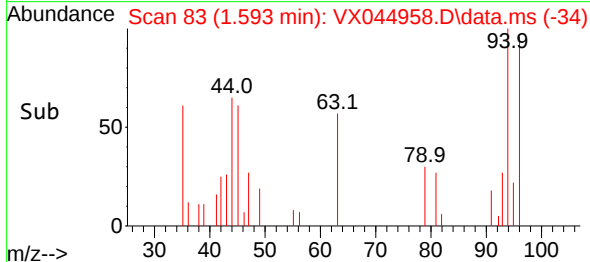
Instrument :
MSVOA_X
ClientSampleId :
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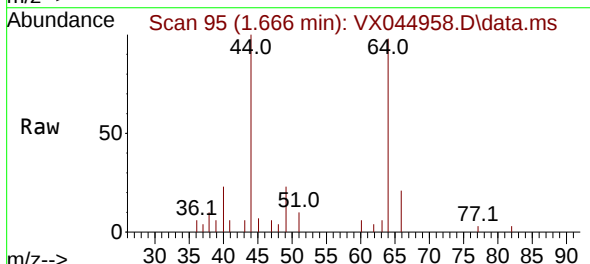
Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 95.9 71.6 107.4

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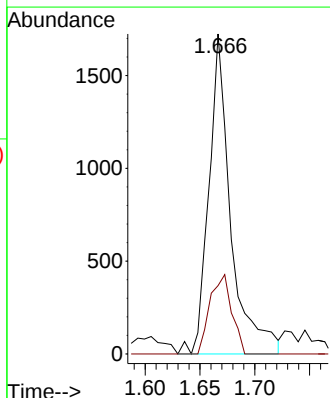
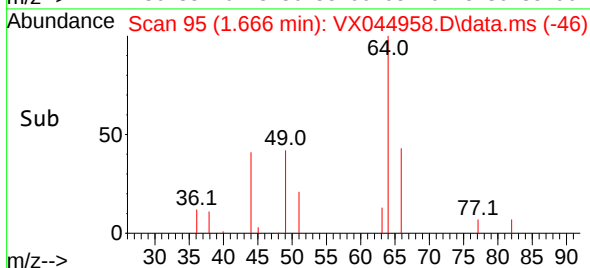
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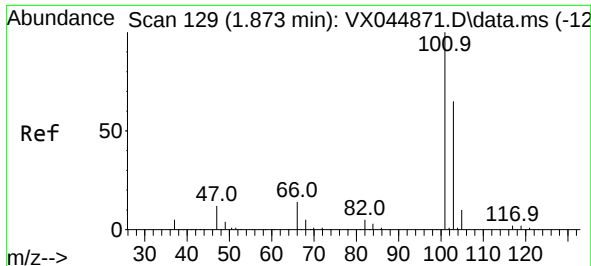


#6
Chloroethane
Concen: 4.018 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



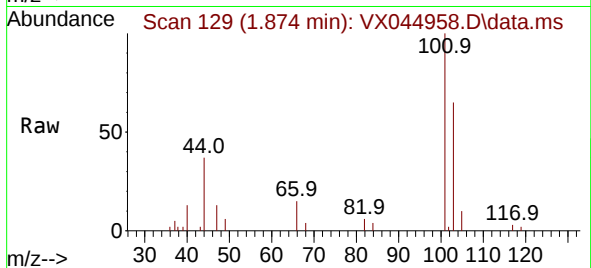
Tgt Ion: 64 Resp: 2398
Ion Ratio Lower Upper
64 100
66 21.3 25.9 38.9#





#7
Trichlorofluoromethane
Concen: 2.724 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.001 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

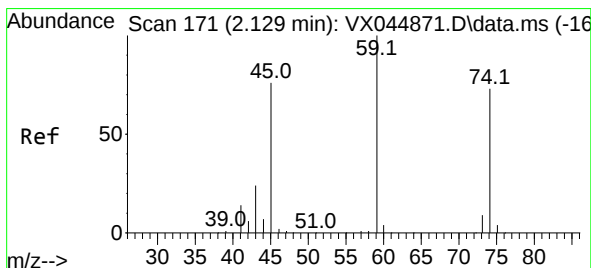
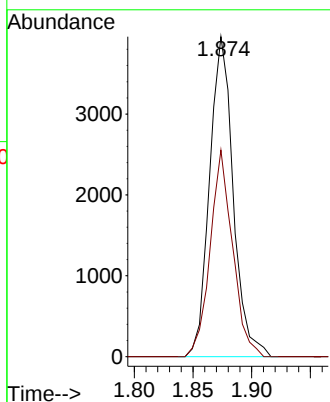
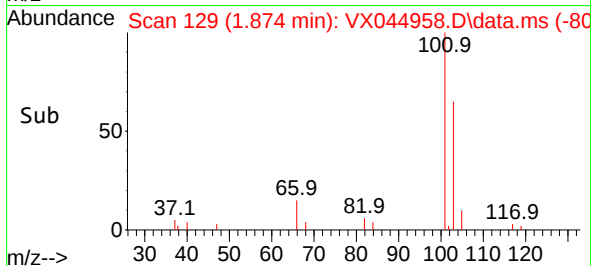
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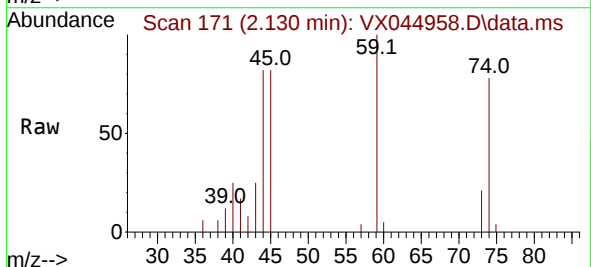
Tgt Ion:101 Resp: 554
Ion Ratio Lower Upper
101 100
103 64.5 52.4 78.6

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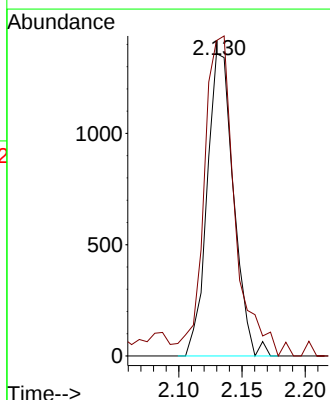
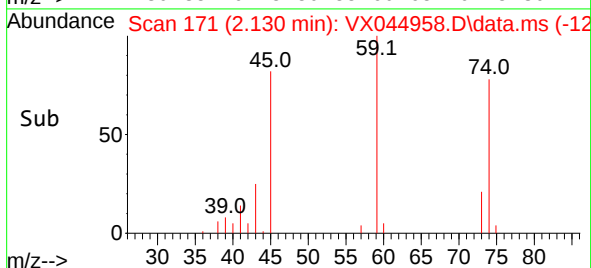
Reviewed By :John Carlone 02/18/2025
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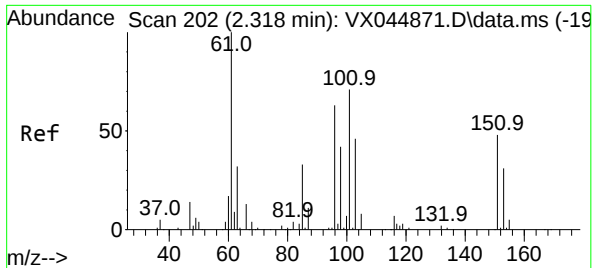


#8
Diethyl Ether
Concen: 2.694 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



Tgt Ion: 74 Resp: 1989
Ion Ratio Lower Upper
74 100
45 122.7 51.1 153.4





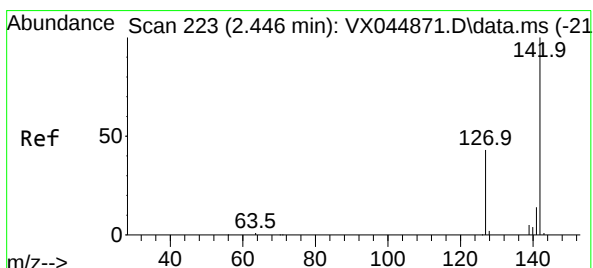
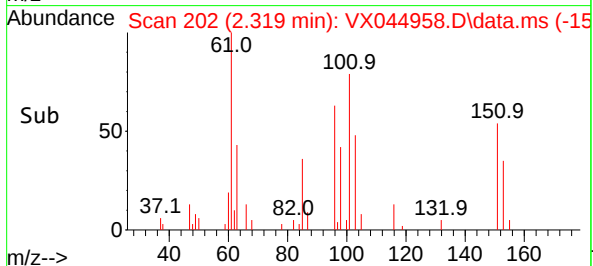
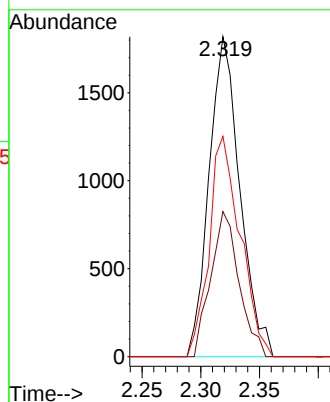
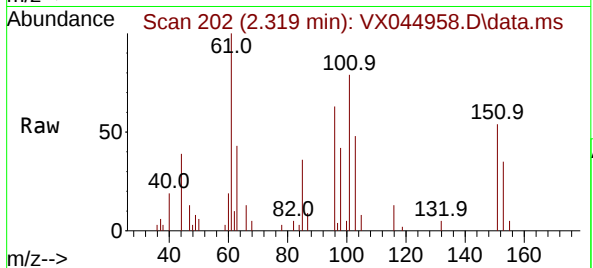
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1,1,2-Trichlorotrifluoroethane
Concen: 2.694 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 3314
Ion Ratio Lower Upper
101 100
85 41.7 35.7 53.5
151 69.3 56.0 84.0

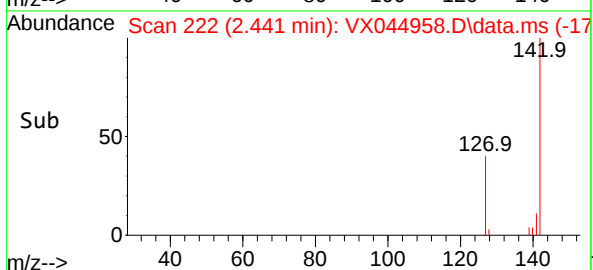
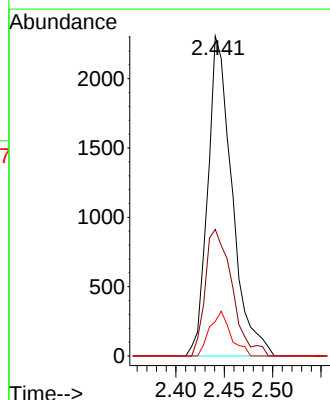
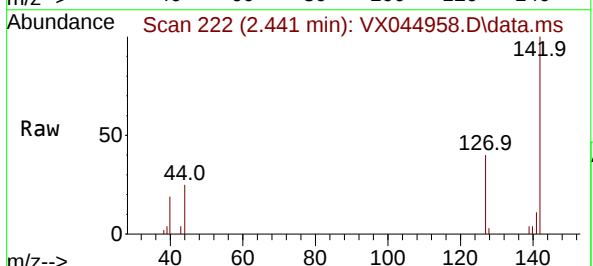
Manual Integrations
APPROVED

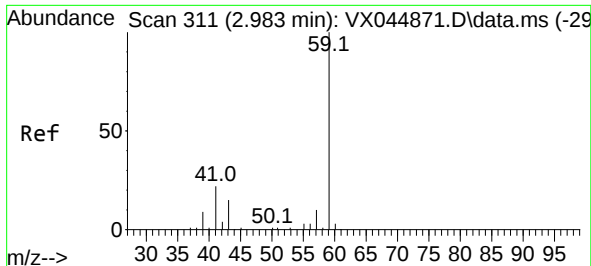
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 2.528 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:142 Resp: 4030
Ion Ratio Lower Upper
142 100
127 43.7 34.3 51.5
141 12.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 19.289 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

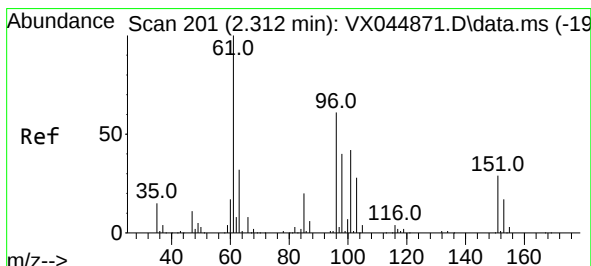
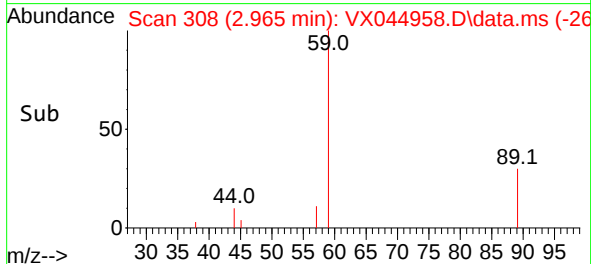
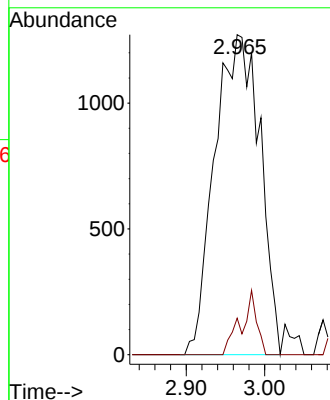
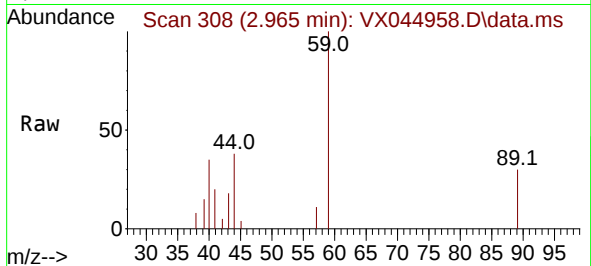
Tgt Ion: 59 Resp: 5099
 Ion Ratio Lower Upper
 59 100
 57 7.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#12

1,1-Dichloroethene

Concen: 2.401 ug/l

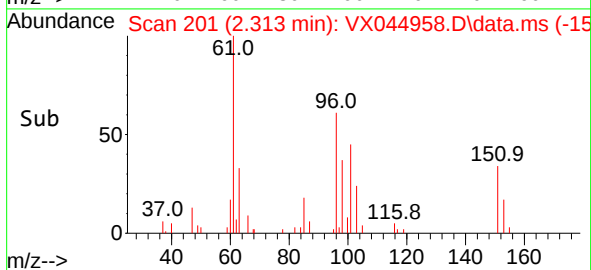
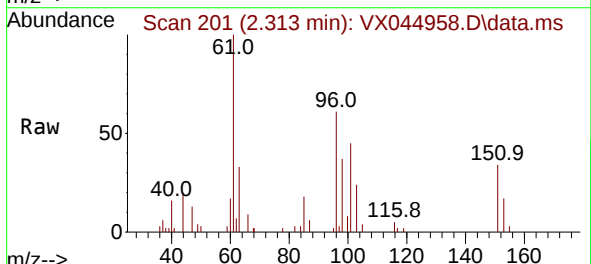
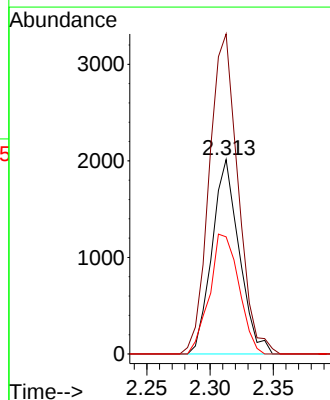
RT: 2.313 min Scan# 201

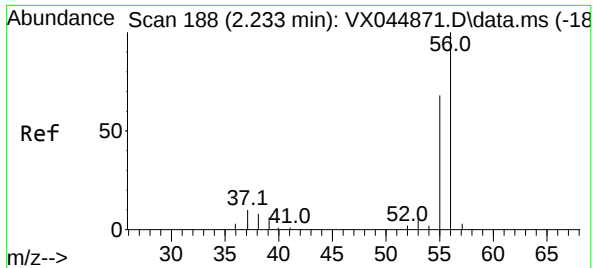
Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

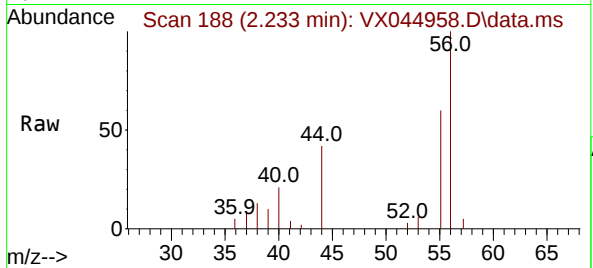
Tgt Ion: 96 Resp: 3012
 Ion Ratio Lower Upper
 96 100
 61 164.5 130.2 195.4
 98 60.2 52.2 78.4





#13
Acrolein
Concen: 15.095 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

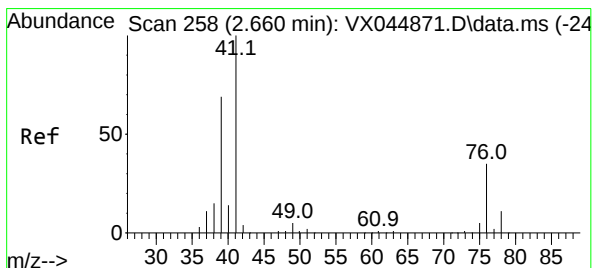
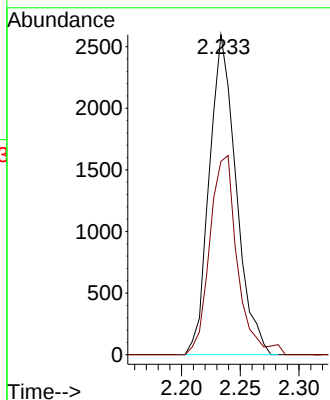
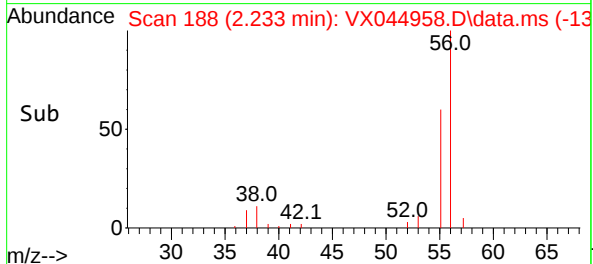
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 56 Resp: 411
Ion Ratio Lower Upper
56 100
55 64.0 55.7 83.5

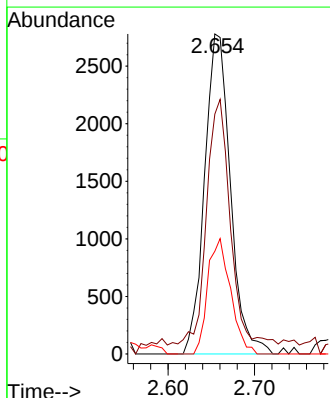
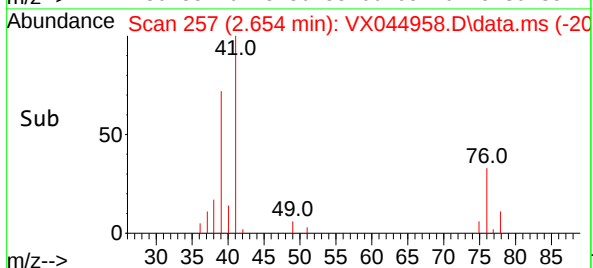
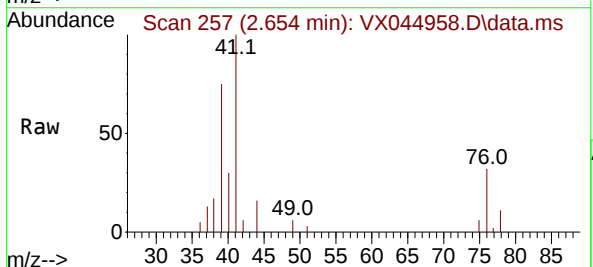
Manual Integrations
APPROVED

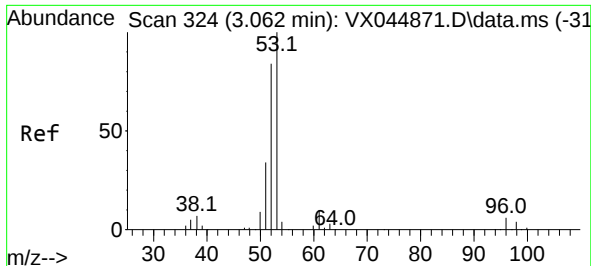
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 2.543 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

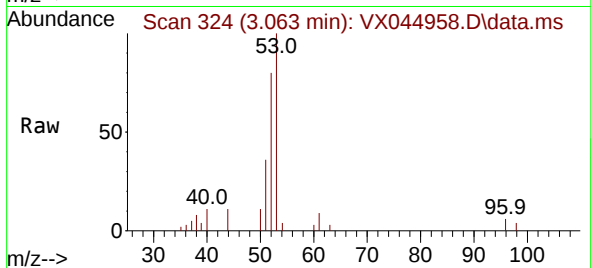
Tgt Ion: 41 Resp: 5767
Ion Ratio Lower Upper
41 100
39 69.3 51.4 77.2
76 31.8 27.0 40.4





#15
Acrylonitrile
Concen: 13.568 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

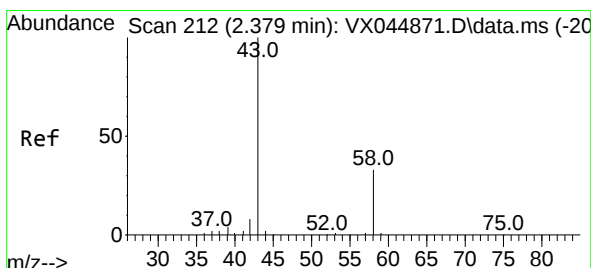
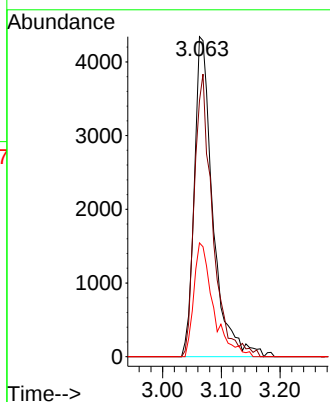
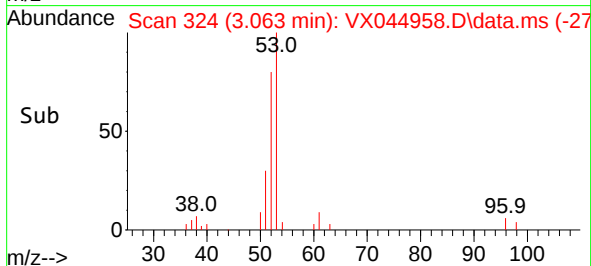
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



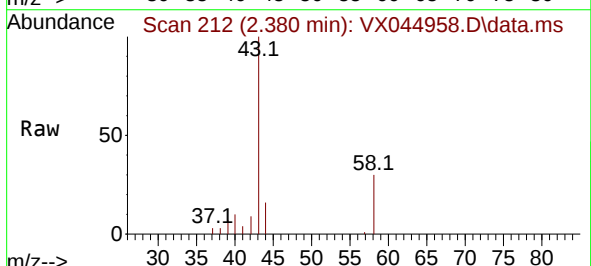
Tgt Ion: 53 Resp: 9570
Ion Ratio Lower Upper
53 100
52 86.2 65.0 97.6
51 37.1 28.0 42.0

Manual Integrations
APPROVED

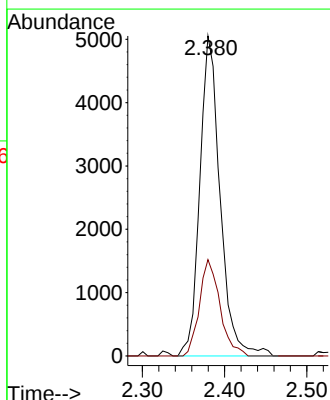
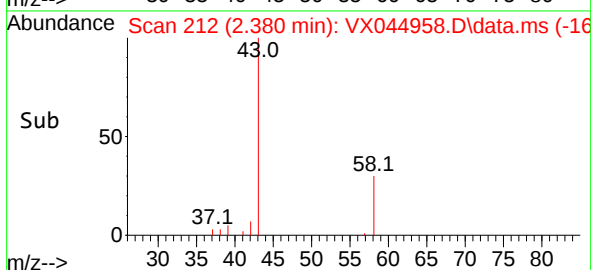
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

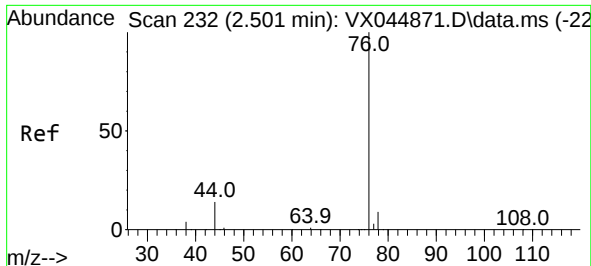


#16
Acetone
Concen: 15.134 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



Tgt Ion: 43 Resp: 8669
Ion Ratio Lower Upper
43 100
58 30.1 26.5 39.7





#17

Carbon Disulfide

Concen: 2.210 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 76 Resp: 7604

Ion Ratio Lower Upper

76 100

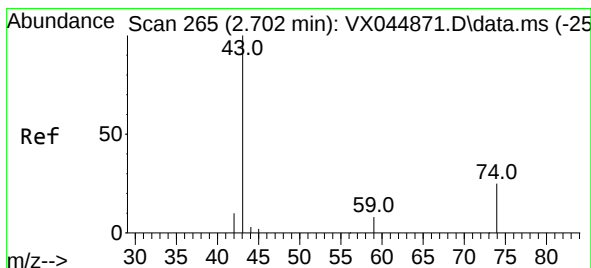
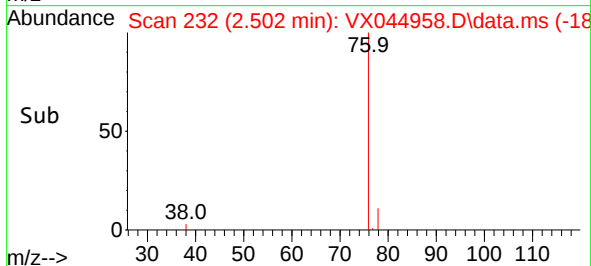
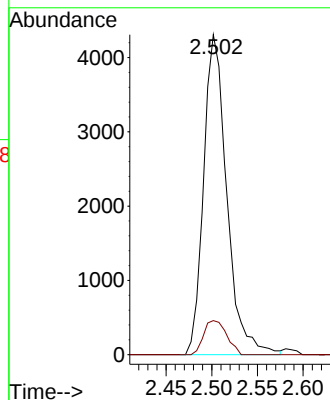
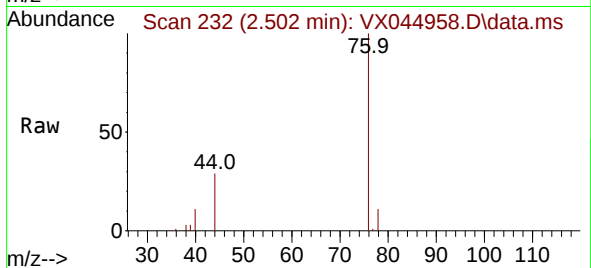
78 10.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#18

Methyl Acetate

Concen: 2.716 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX044958.D

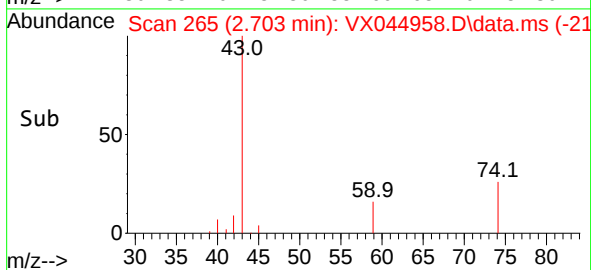
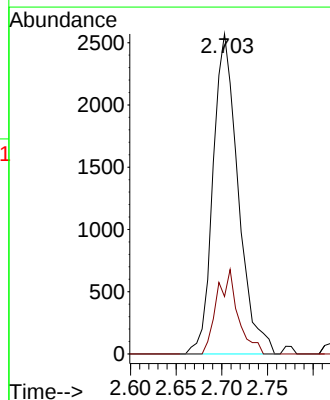
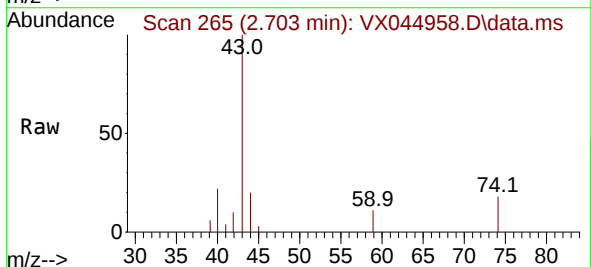
Acq: 14 Feb 2025 13:57

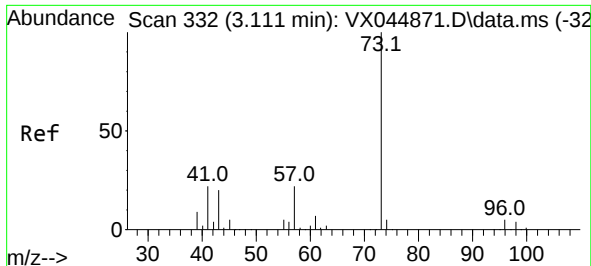
Tgt Ion: 43 Resp: 4909

Ion Ratio Lower Upper

43 100

74 22.2 18.9 28.3





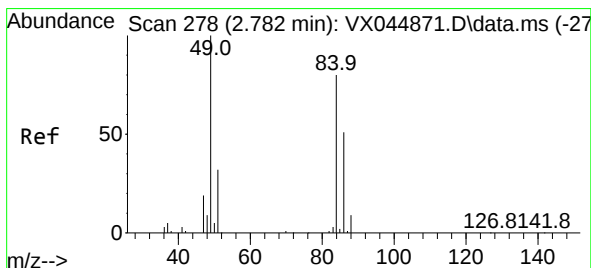
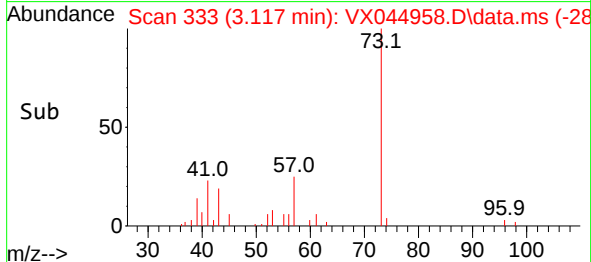
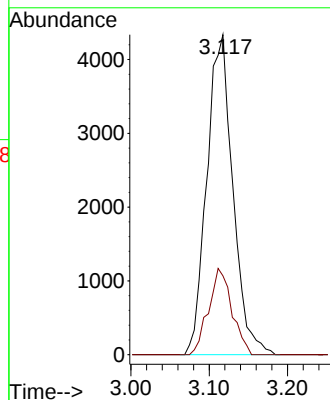
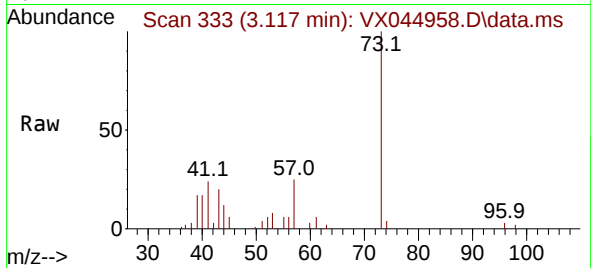
#19
Methyl tert-butyl Ether
Concen: 2.511 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 73 Resp: 1002
Ion Ratio Lower Upper
73 100
57 24.6 17.9 26.9

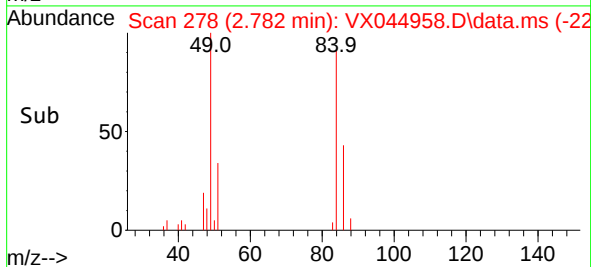
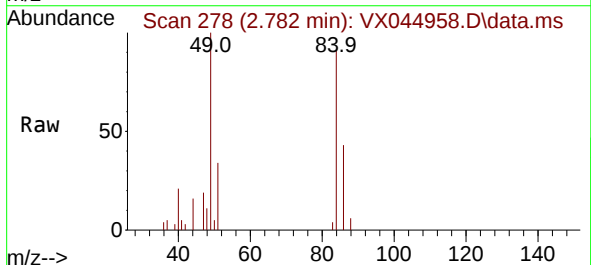
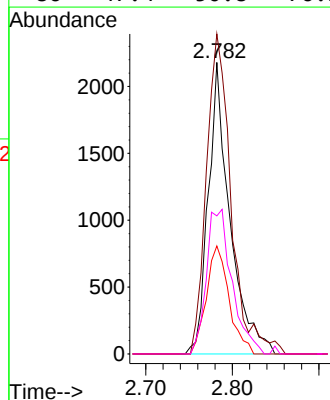
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 2.710 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

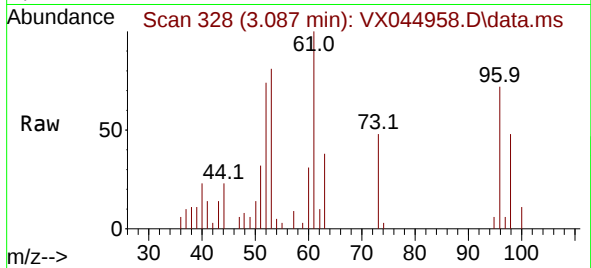
Tgt Ion: 84 Resp: 3803
Ion Ratio Lower Upper
84 100
49 109.8 100.1 150.1
51 37.0 31.7 47.5
86 47.4 50.8 76.2#





#21
trans-1,2-Dichloroethene
Concen: 2.490 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

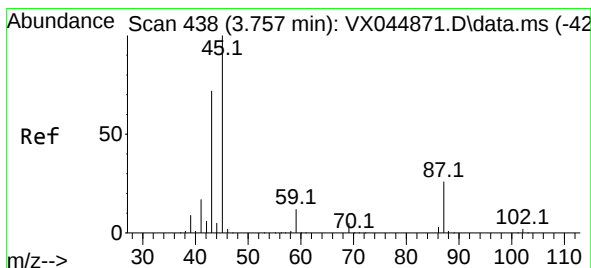
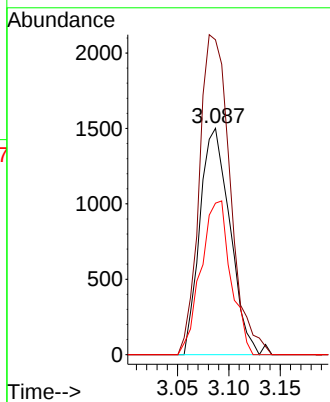
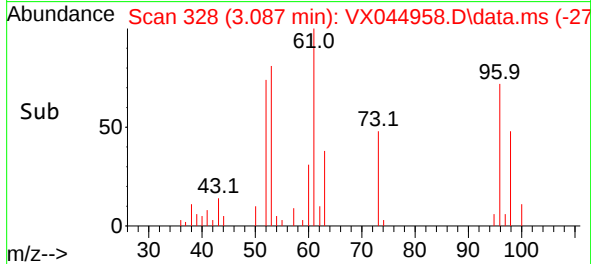
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



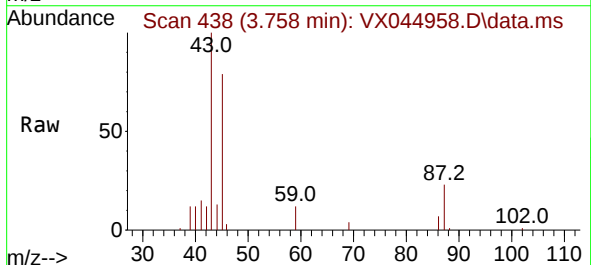
Tgt Ion: 96 Resp: 3075
Ion Ratio Lower Upper
96 100
61 139.1 106.0 159.0
98 67.0 50.6 76.0

Manual Integrations
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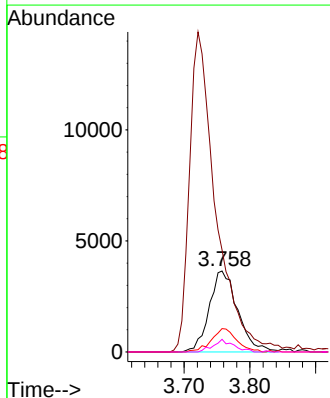
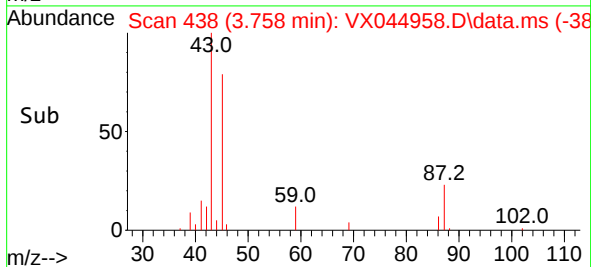
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 2.555 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



Tgt Ion: 45 Resp: 10961
Ion Ratio Lower Upper
45 100
43 117.7 58.0 87.0#
87 28.9 20.7 31.1
59 15.6 9.2 13.8#





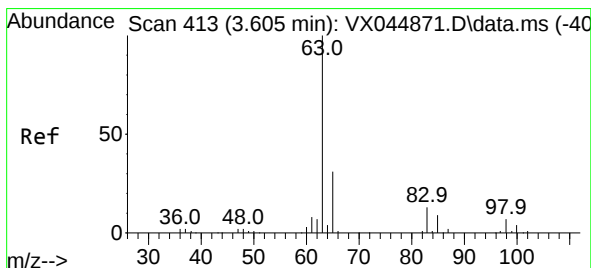
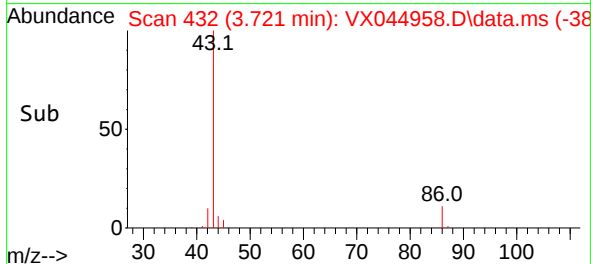
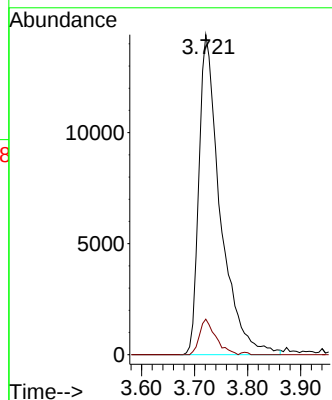
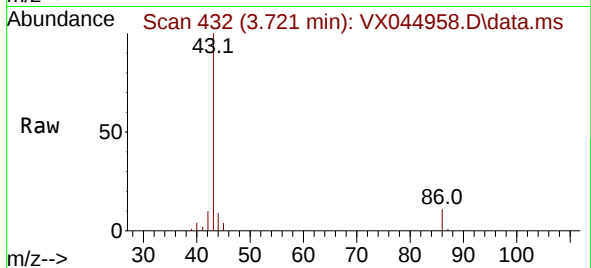
#23
 Vinyl Acetate
 Concen: 11.527 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.007 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Tgt Ion: 43 Resp: 4031
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.3 12.5

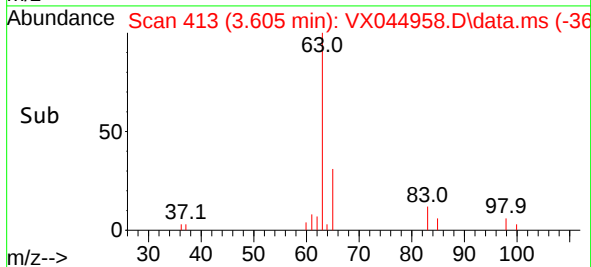
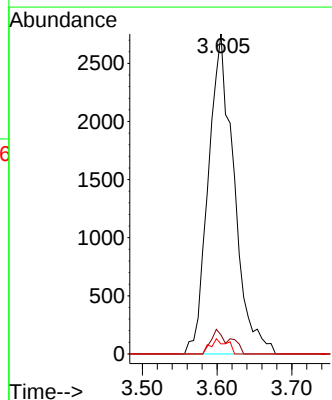
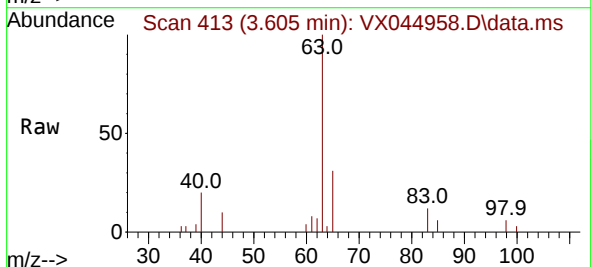
Manual Integrations
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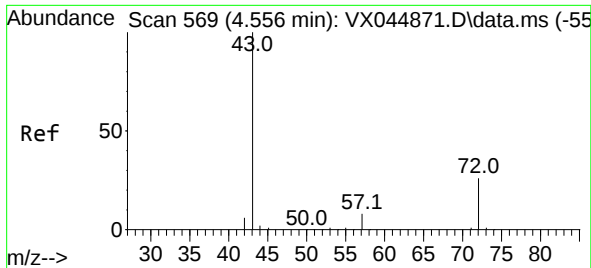
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 2.730 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

Tgt Ion: 63 Resp: 6553
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.1 2.1 6.5





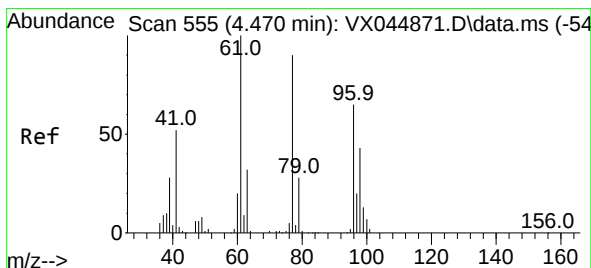
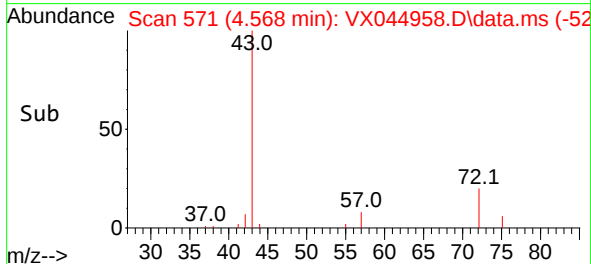
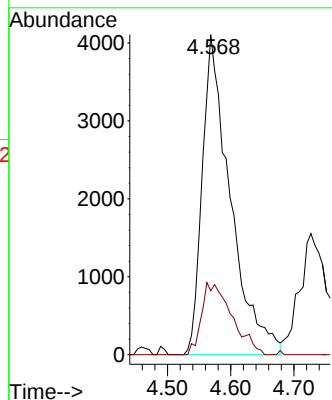
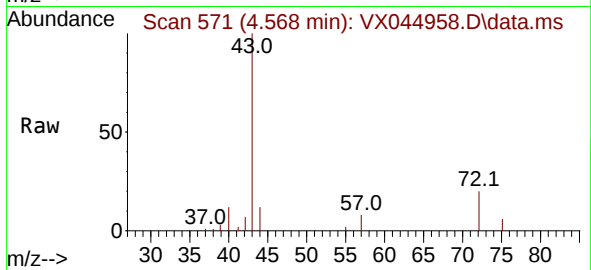
#25
2-Butanone
Concen: 13.637 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
72 19.9 21.2 31.8

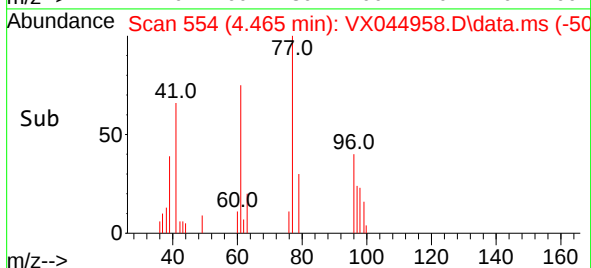
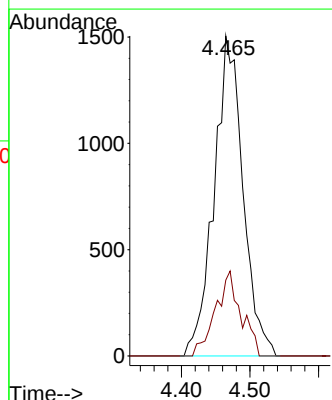
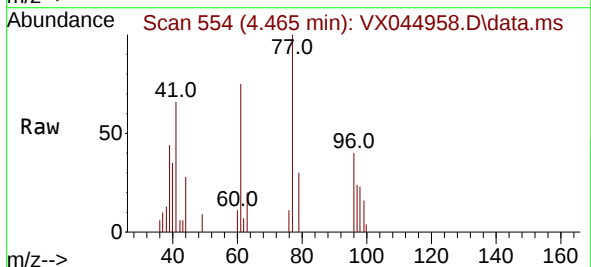
Manual Integrations
APPROVED

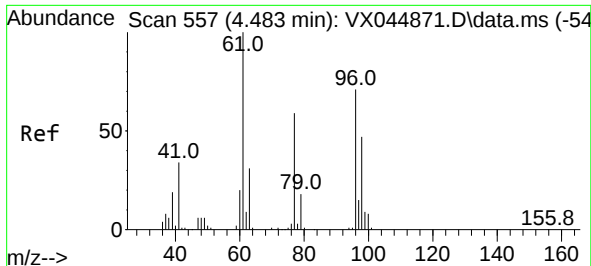
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 2.317 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 77 Resp: 4410
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 2.508 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

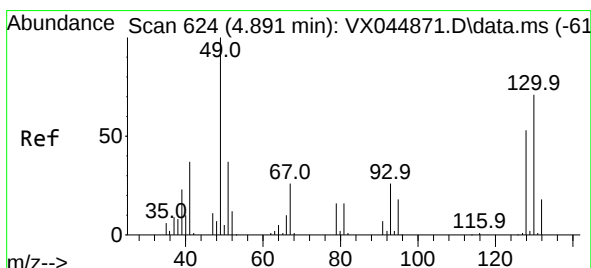
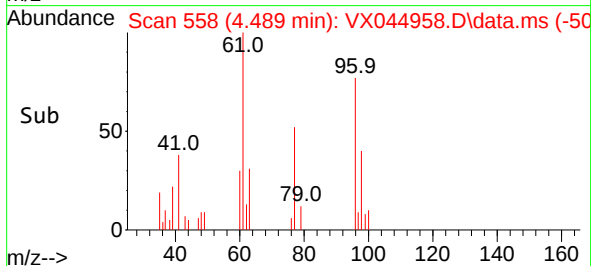
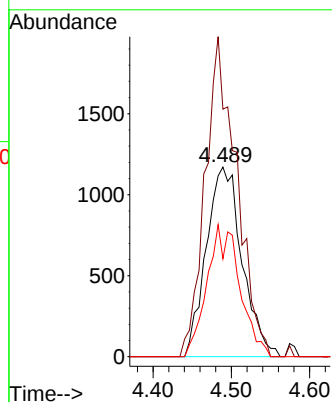
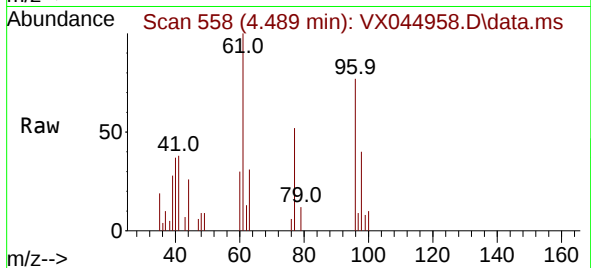
Tgt Ion: 96 Resp: 3720
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 294.0
 98 32.9 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#28

Bromochloromethane

Concen: 2.872 ug/l

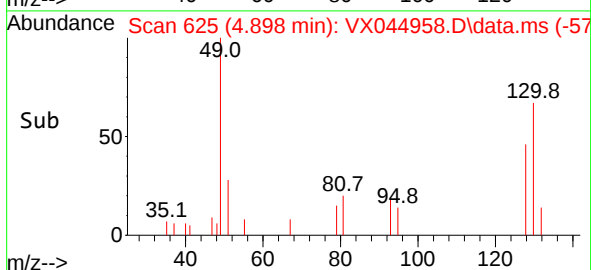
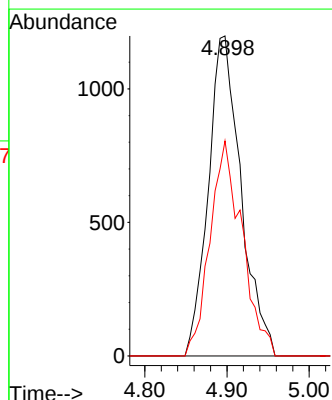
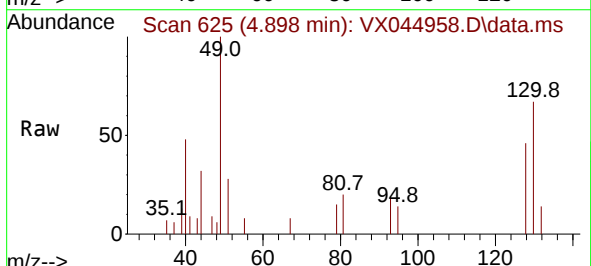
RT: 4.898 min Scan# 625

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Tgt Ion: 49 Resp: 3313
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 66.0 56.7 85.1





#29

Tetrahydrofuran

Concen: 14.336 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.013 min

Lab File: VX044958.D

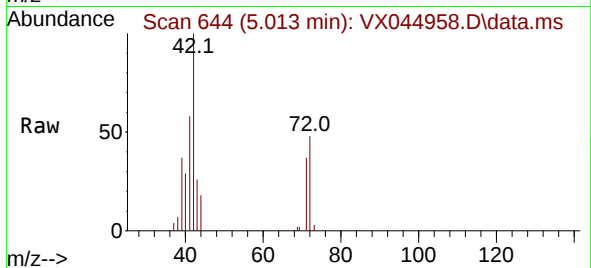
Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025



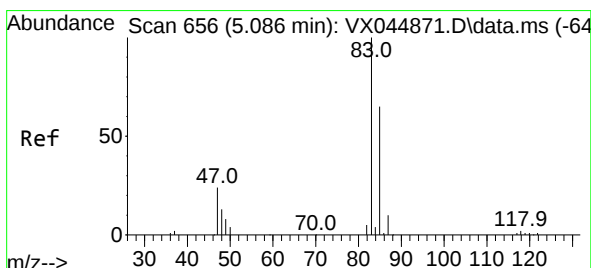
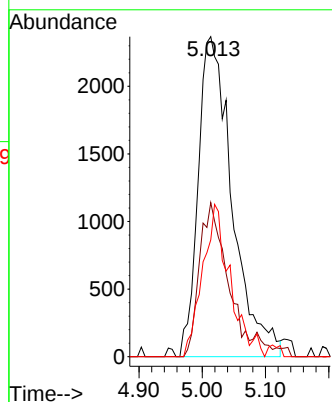
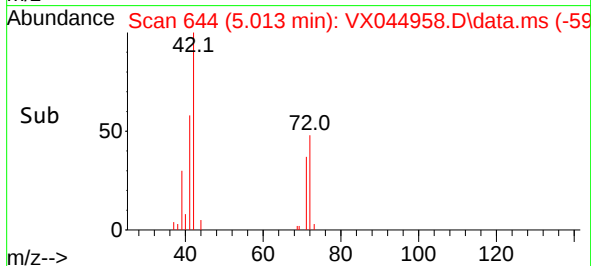
Tgt Ion:	42	Resp:	885
Ion Ratio	Lower	Upper	
42	100		
72	39.3	35.0	52.4
71	38.1	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 2.713 ug/l

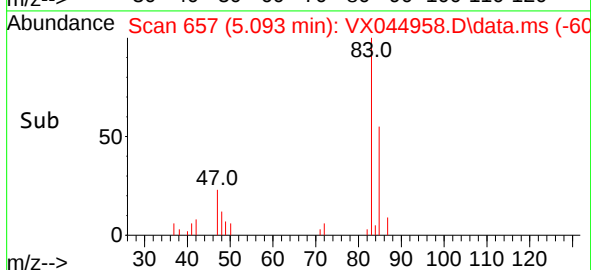
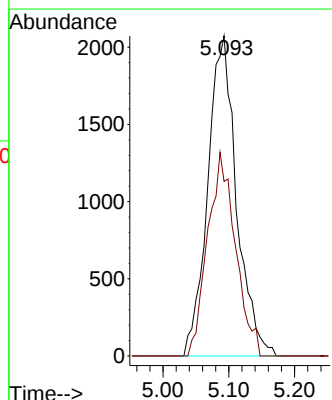
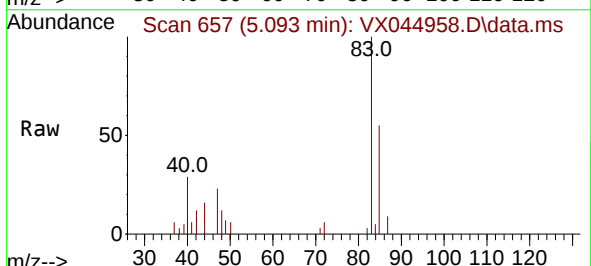
RT: 5.093 min Scan# 657

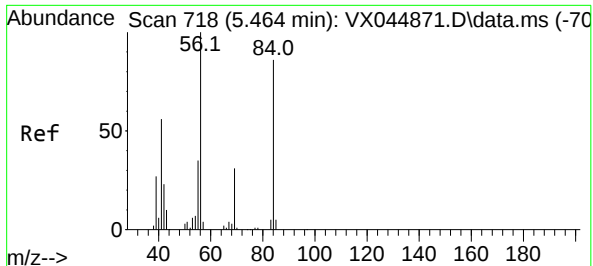
Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

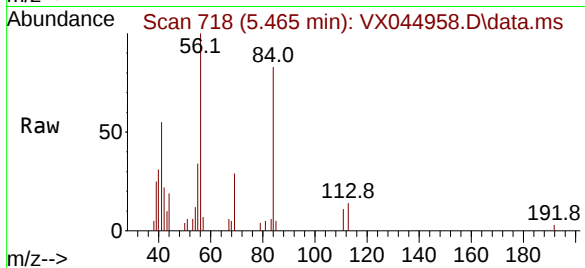
Tgt Ion:	83	Resp:	6315
Ion Ratio	Lower	Upper	
83	100		
85	54.6	52.1	78.1





#31
Cyclohexane
Concen: 2.490 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

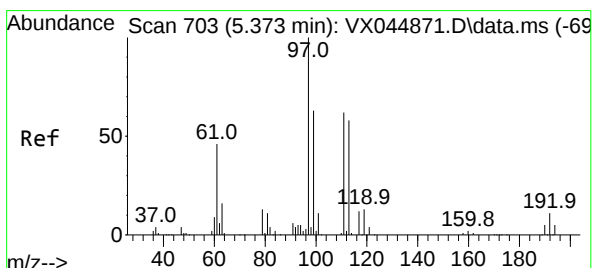
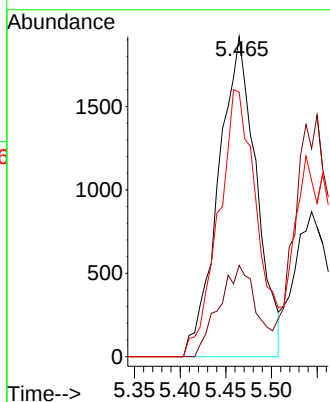
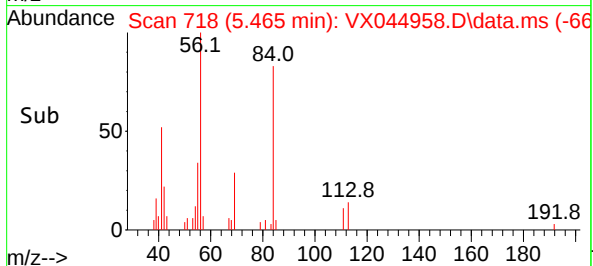
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 56 Resp: 5510
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 82.7 69.0 103.6

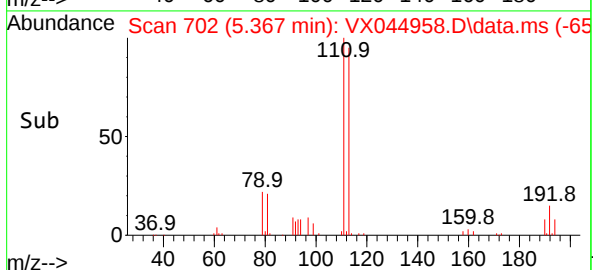
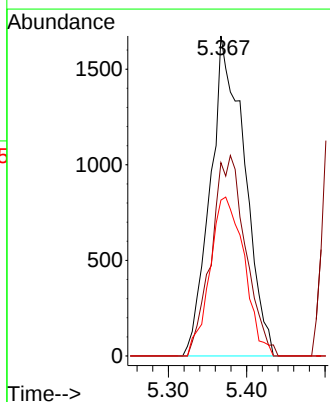
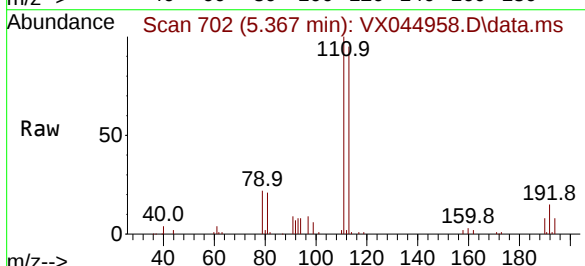
Manual Integrations
APPROVED

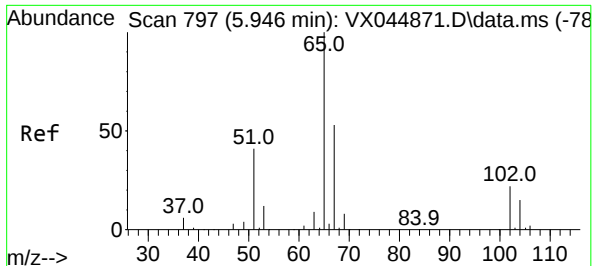
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 2.573 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 97 Resp: 5080
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.6
61 49.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 58.254 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 65 Resp: 8300

Ion Ratio Lower Upper

65 100

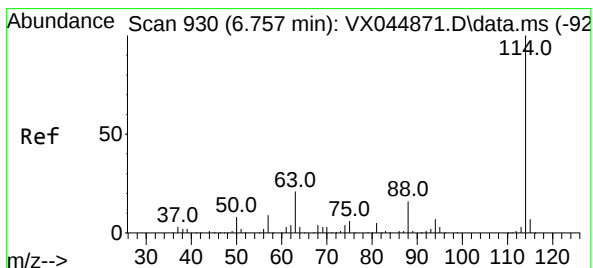
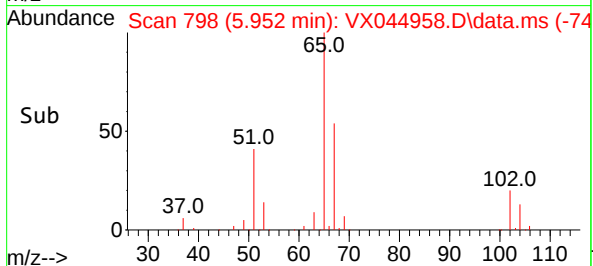
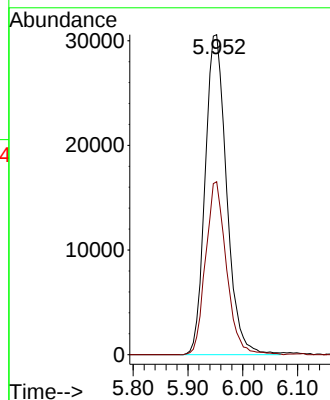
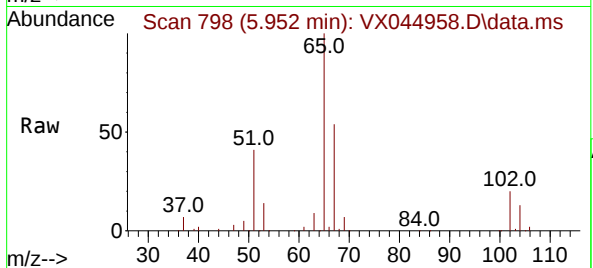
67 52.5 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

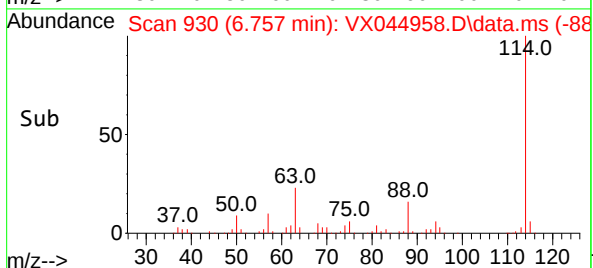
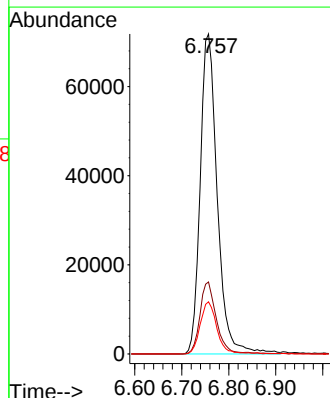
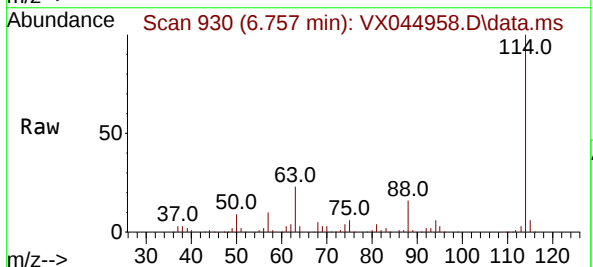
Tgt Ion:114 Resp: 181161

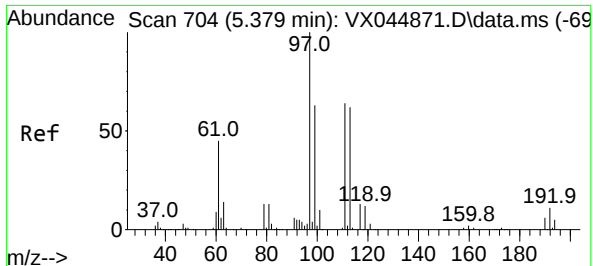
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.4

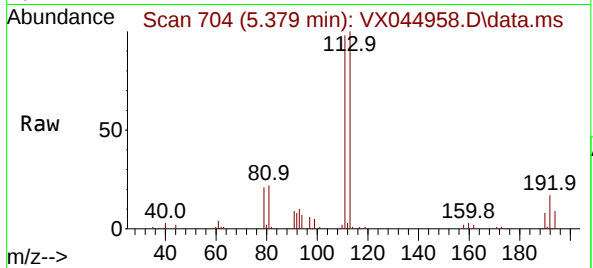
88 16.3 0.0 31.4





#35
Dibromofluoromethane
Concen: 55.143 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

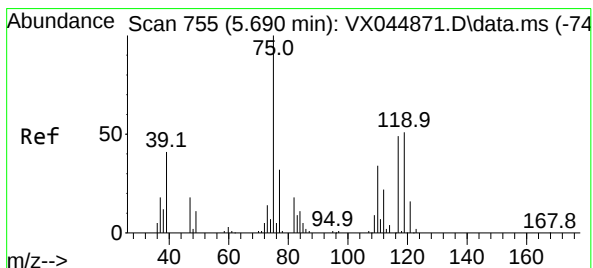
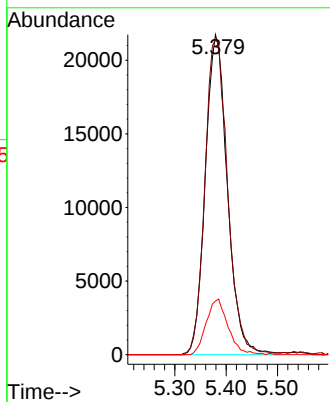
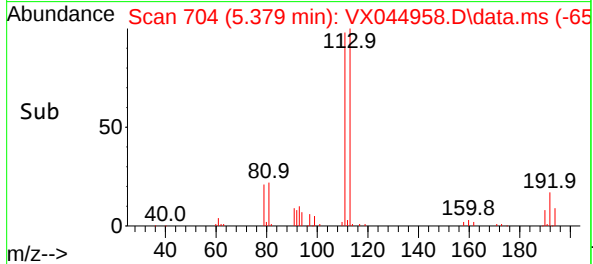
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:113 Resp: 64950
Ion Ratio Lower Upper
113 100
111 101.1 83.5 125.3
192 17.1 14.4 21.6

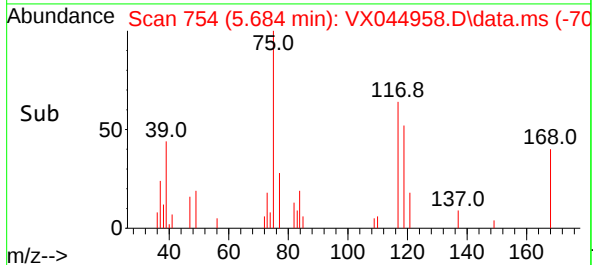
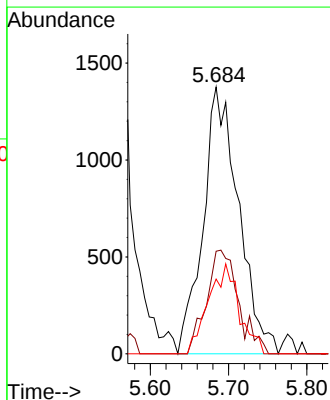
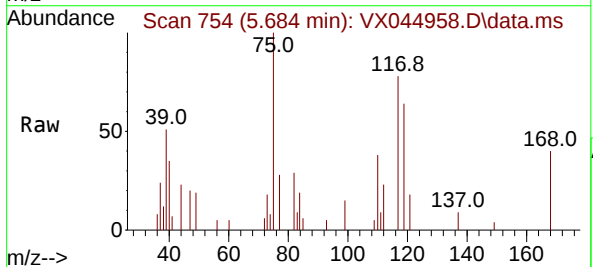
Manual Integrations
APPROVED

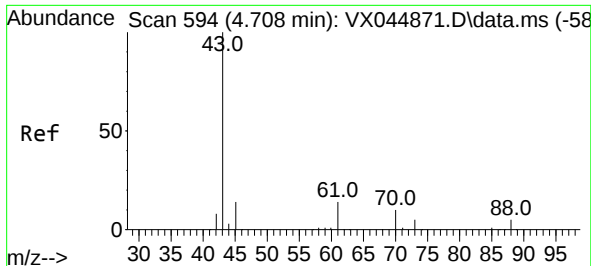
Reviewed By :John Carbone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#36
1,1-Dichloropropene
Concen: 2.546 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 75 Resp: 4327
Ion Ratio Lower Upper
75 100
110 35.3 17.2 51.6
77 29.3 24.6 37.0





#37

Ethyl Acetate

Concen: 2.777 ug/l m

RT: 4.727 min Scan# 594

Delta R.T. 0.019 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

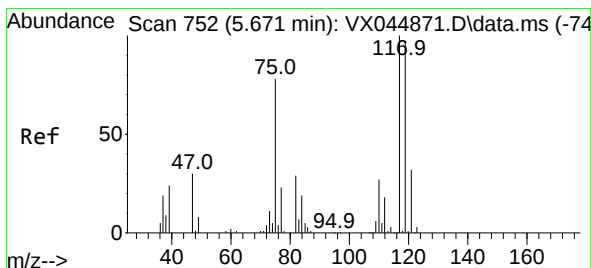
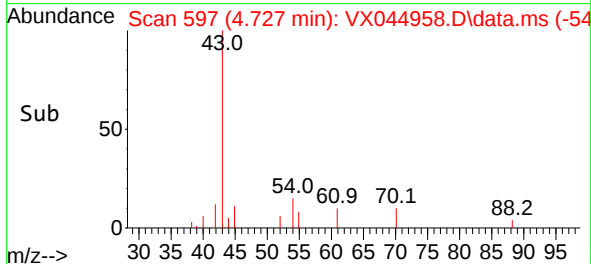
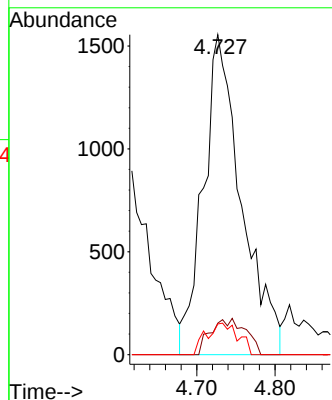
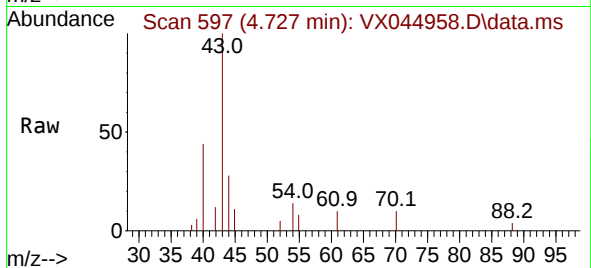
ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 43	Resp: 5249
Ion Ratio	Lower Upper
43 100	
61 10.3	11.0 16.4
70 8.2	8.2 12.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38

Carbon Tetrachloride

Concen: 2.707 ug/l

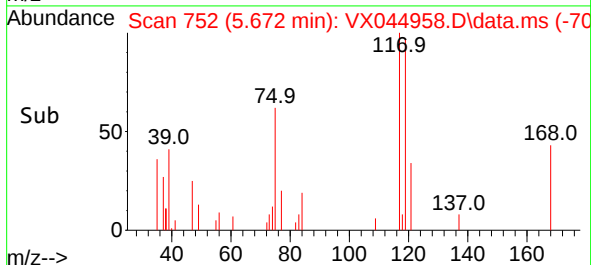
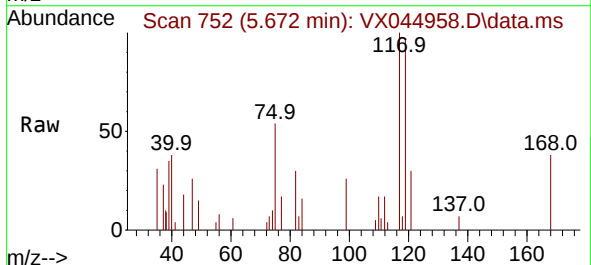
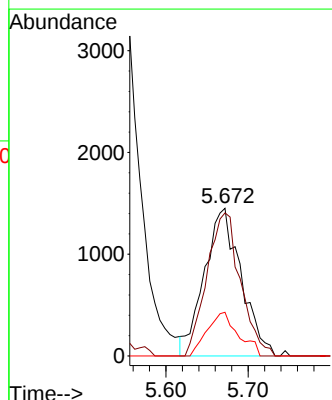
RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

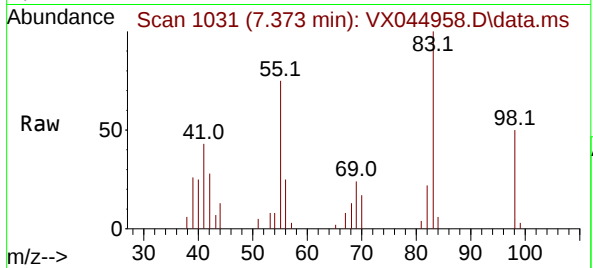
Tgt Ion:117	Resp: 4507
Ion Ratio	Lower Upper
117 100	
119 96.9	77.5 116.3
121 29.6	25.6 38.4





#39
Methylcyclohexane
Concen: 2.383 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

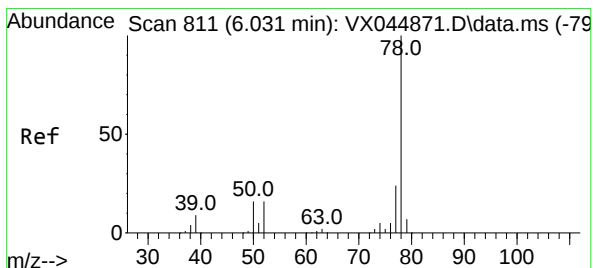
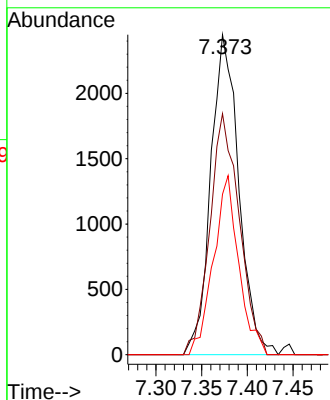
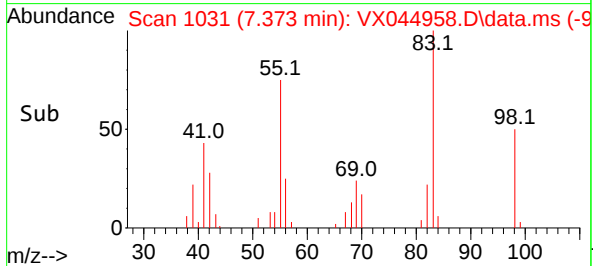
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 83 Resp: 5230
Ion Ratio Lower Upper
83 100
55 75.3 61.3 91.9
98 50.1 37.0 55.6

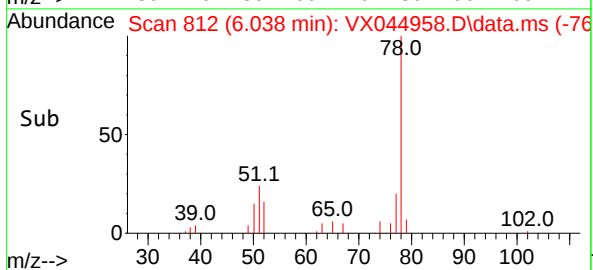
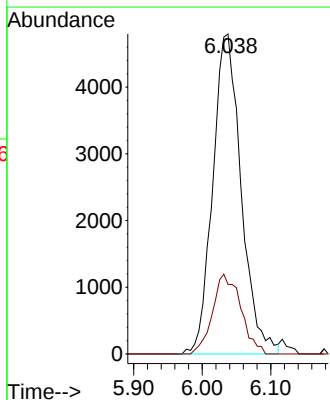
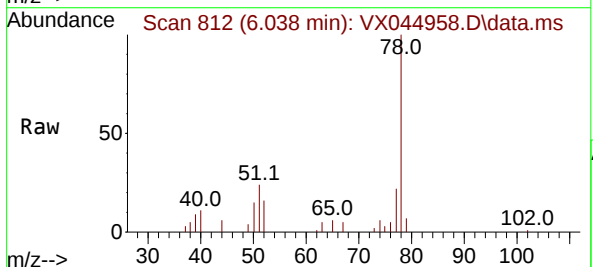
Manual Integrations
APPROVED

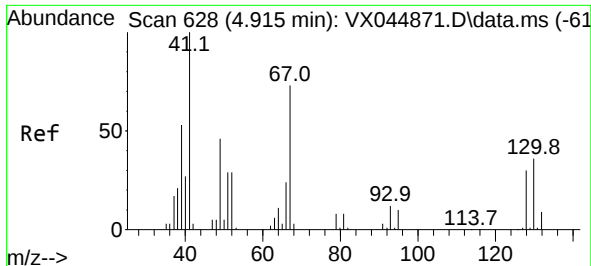
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#40
Benzene
Concen: 2.603 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

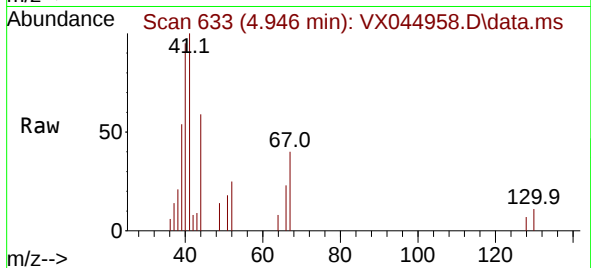
Tgt Ion: 78 Resp: 13811
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.6





#41
Methacrylonitrile
Concen: 2.258 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.031 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

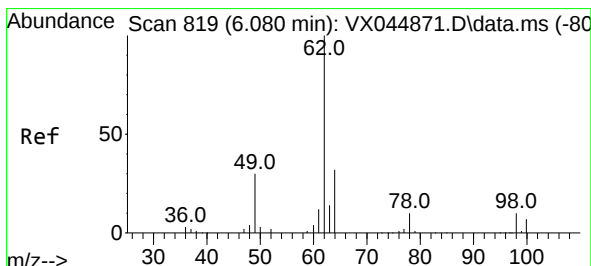
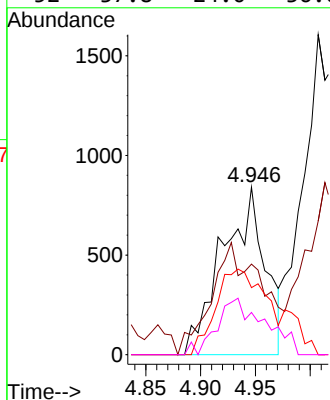
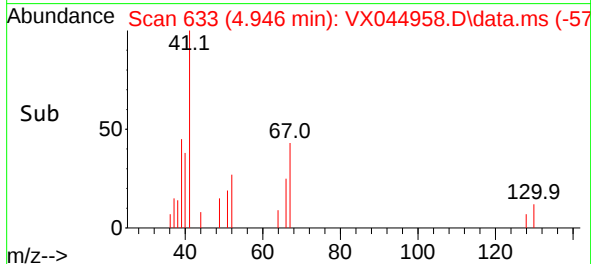
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 41 Resp: 2284
Ion Ratio Lower Upper
41 100
39 80.5 43.1 64.7
67 59.0 57.0 85.6
52 37.8 24.0 36.0#

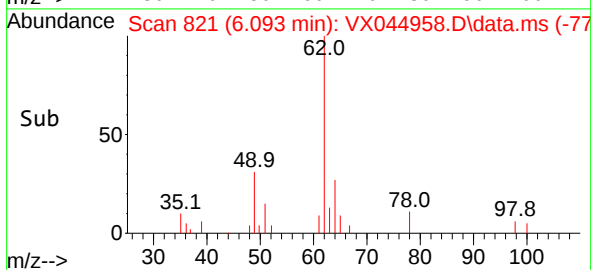
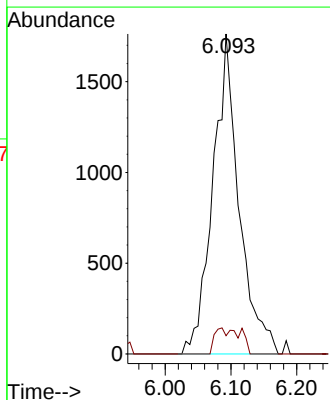
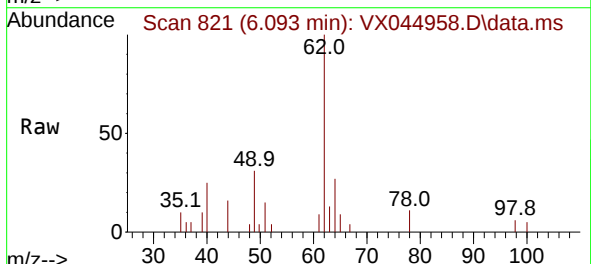
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 2.885 ug/l
RT: 6.093 min Scan# 821
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

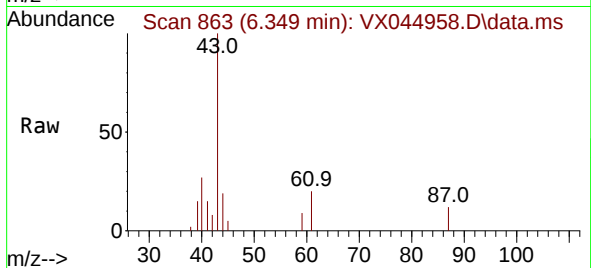
Tgt Ion: 62 Resp: 4879
Ion Ratio Lower Upper
62 100
98 3.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 2.230 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

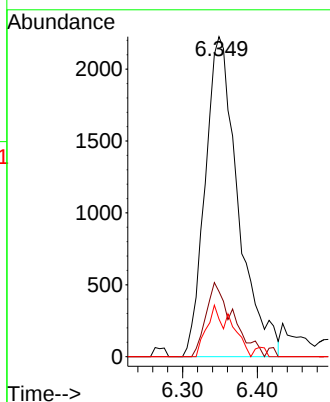
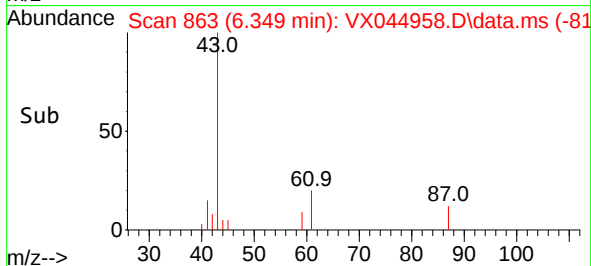
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 43 Resp: 6808
Ion Ratio Lower Upper
43 100
61 19.2 15.8 23.8
87 7.3 10.0 15.0

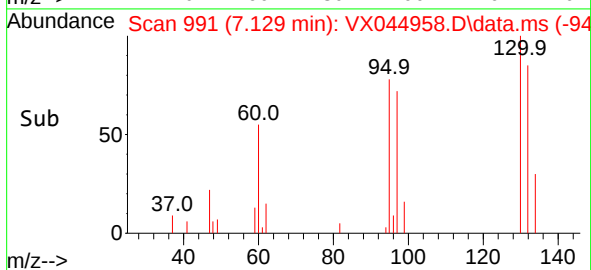
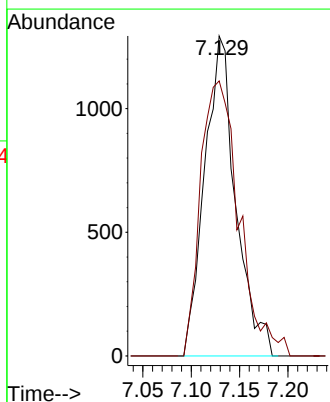
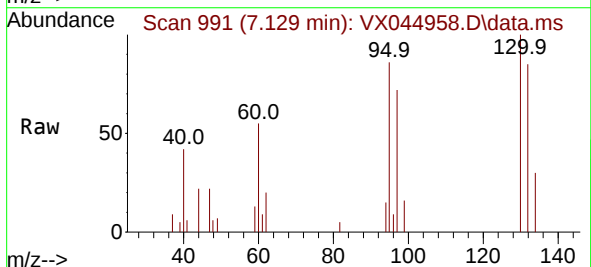
Manual Integrations
APPROVED

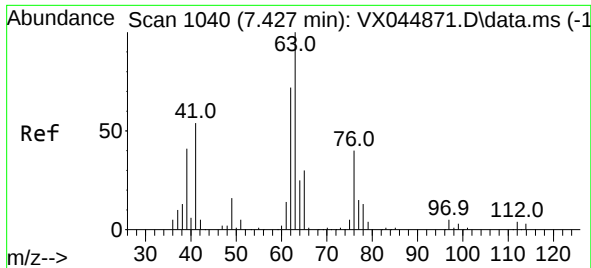
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 2.386 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

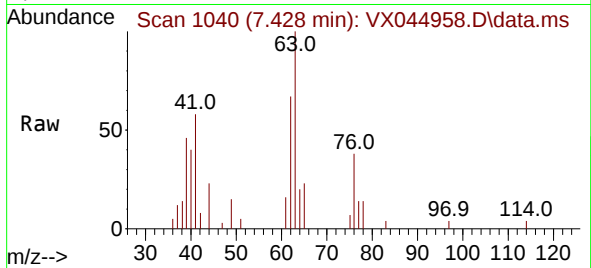
Tgt Ion:130 Resp: 2894
Ion Ratio Lower Upper
130 100
95 85.9 0.0 202.4





#45
1,2-Dichloropropane
Concen: 2.660 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

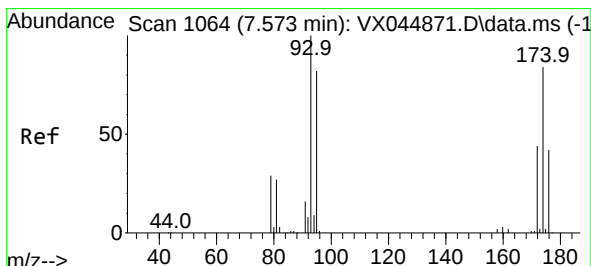
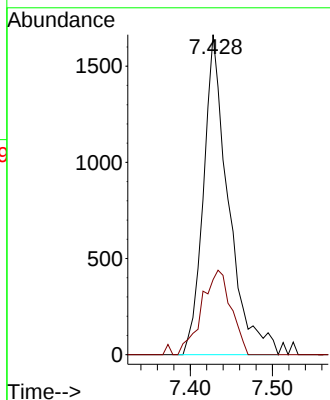
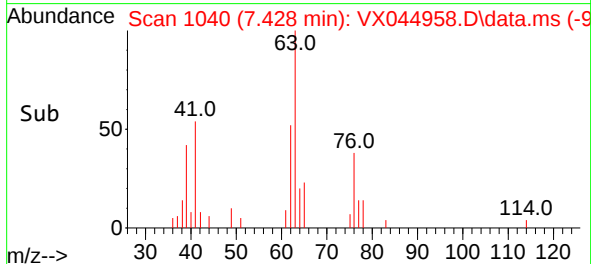
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 63 Resp: 3512
Ion Ratio Lower Upper
63 100
65 23.4 24.2 36.4

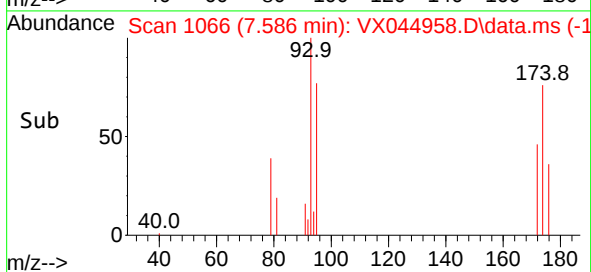
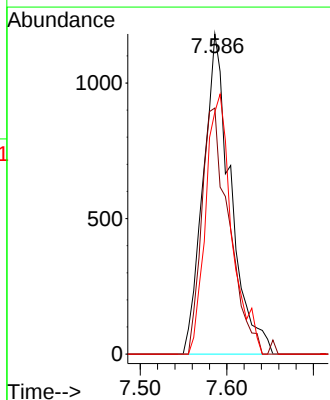
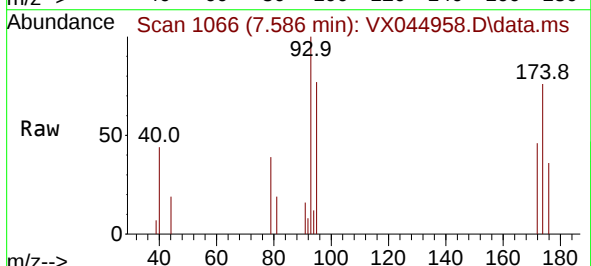
Manual Integrations
APPROVED

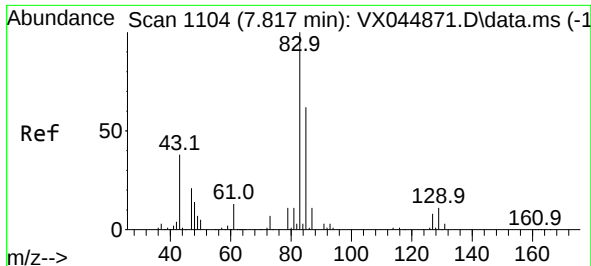
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#46
Dibromomethane
Concen: 2.852 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

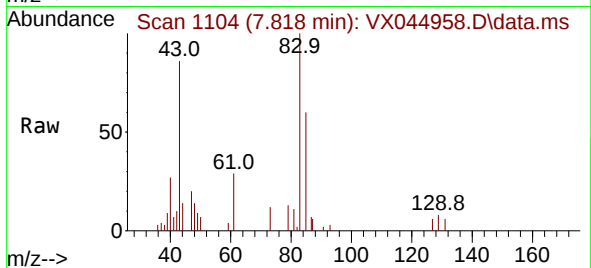
Tgt Ion: 93 Resp: 2611
Ion Ratio Lower Upper
93 100
95 76.1 66.2 99.4
174 77.0 69.9 104.9





#47
Bromodichloromethane
Concen: 2.449 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

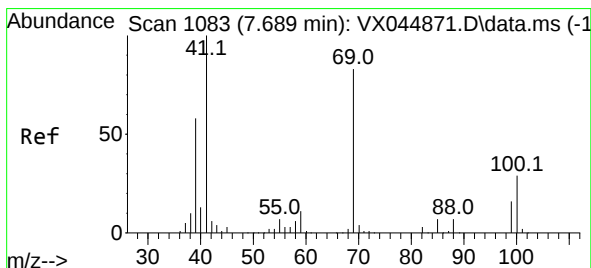
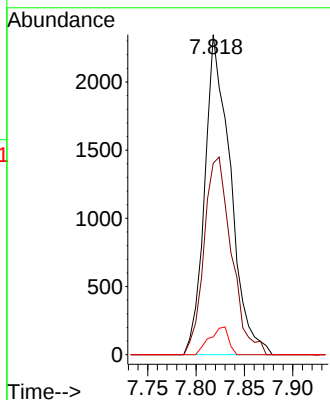
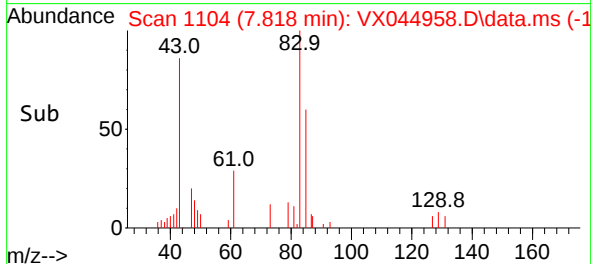
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion: 83 Resp: 4342
Ion Ratio Lower Upper
83 100
85 59.9 50.0 75.0
127 5.6 6.4 9.6

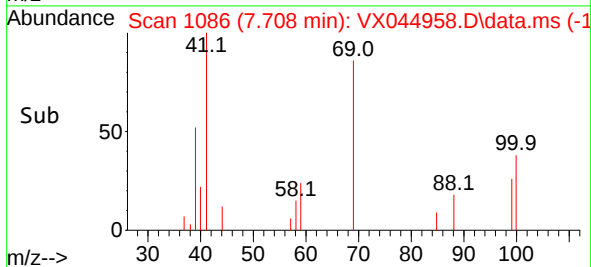
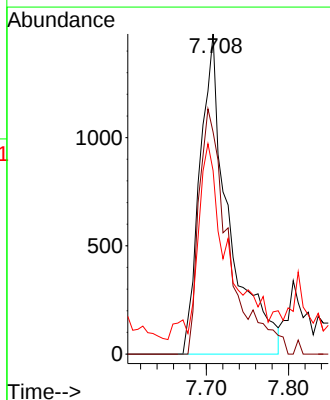
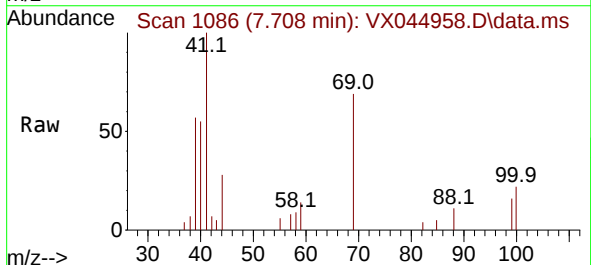
Manual Integrations
APPROVED

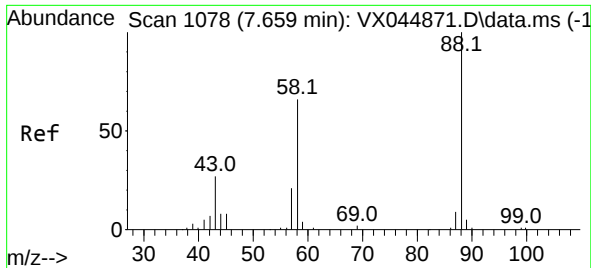
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#48
Methyl methacrylate
Concen: 2.523 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.019 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

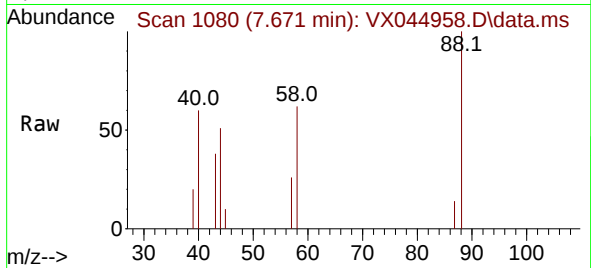
Tgt Ion: 41 Resp: 3631
Ion Ratio Lower Upper
41 100
69 78.9 65.8 98.8
39 64.5 46.4 69.6





#49
1,4-Dioxane
Concen: 58.165 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

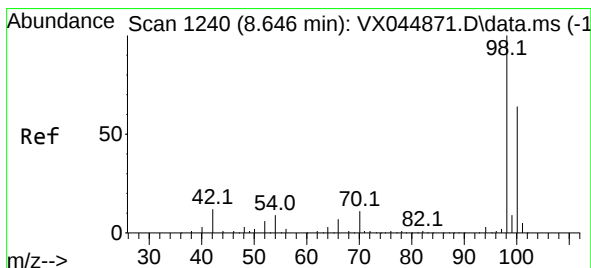
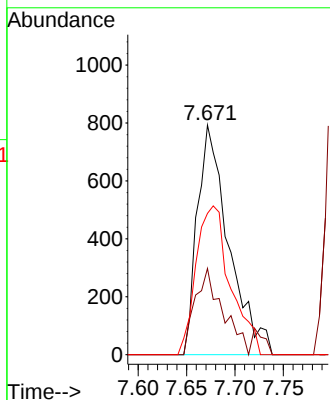
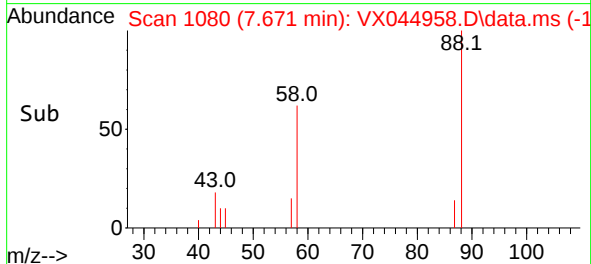
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 88 Resp: 1790
Ion Ratio Lower Upper
88 100
43 33.1 26.6 39.8
58 70.5 55.9 83.9

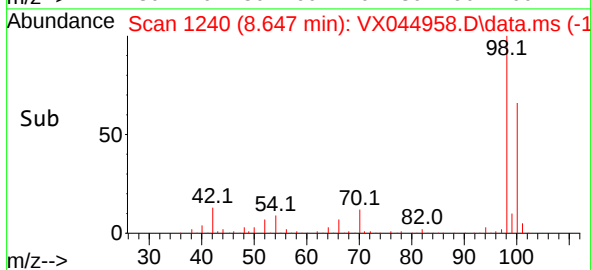
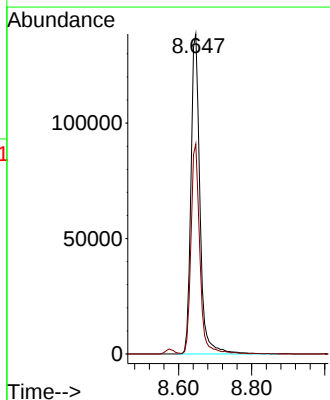
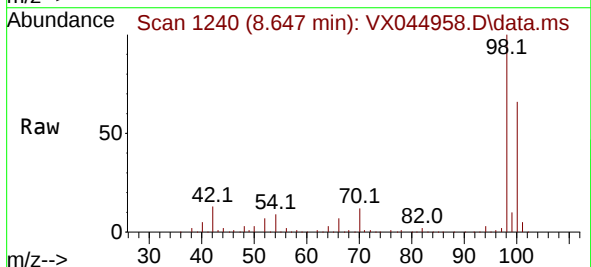
Manual Integrations
APPROVED

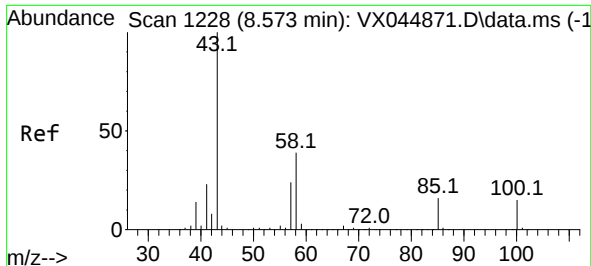
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#50
Toluene-d8
Concen: 53.251 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

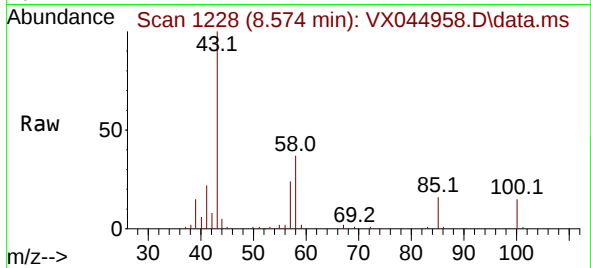
Tgt Ion: 98 Resp: 237174
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 12.746 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

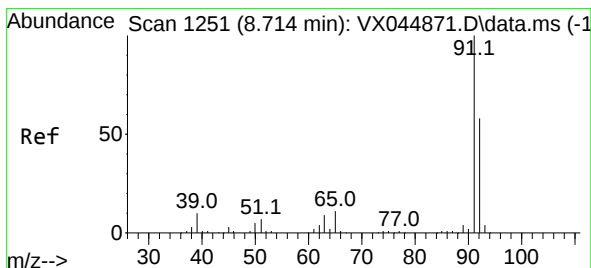
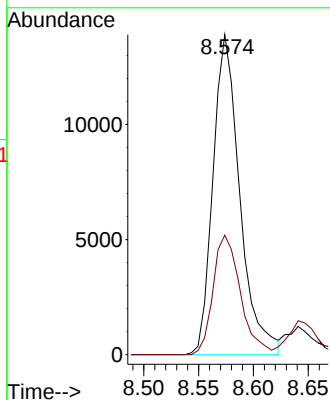
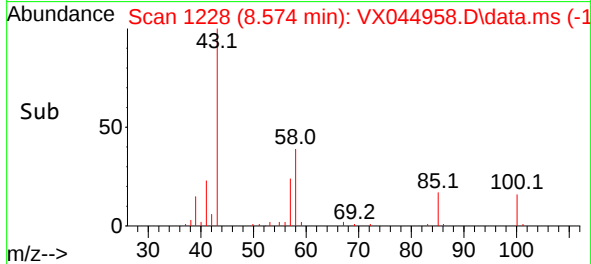
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion: 43 Resp: 23652
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2

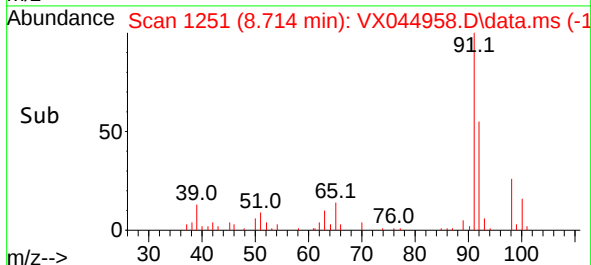
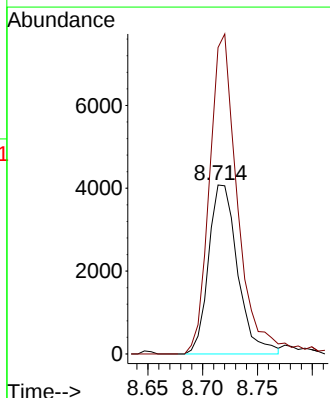
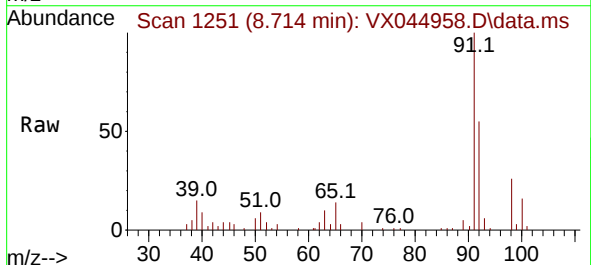
Manual Integrations
APPROVED

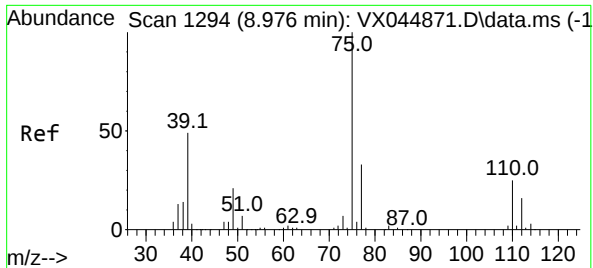
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 2.384 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

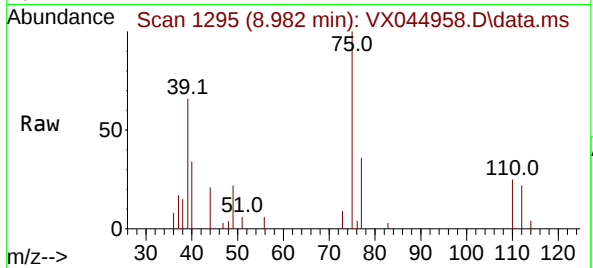
Tgt Ion: 92 Resp: 7534
Ion Ratio Lower Upper
92 100
91 184.7 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 1.949 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

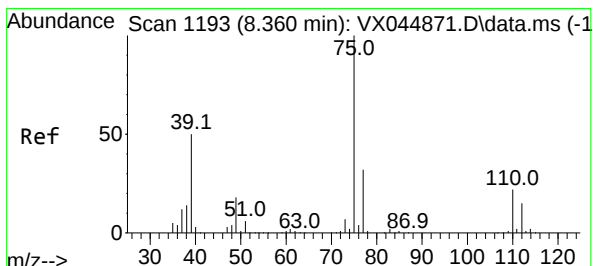
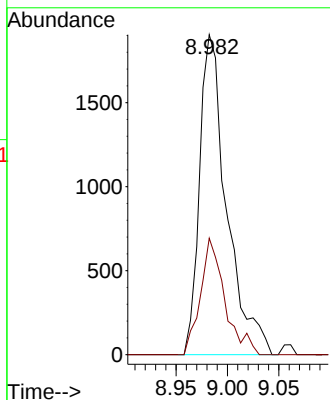
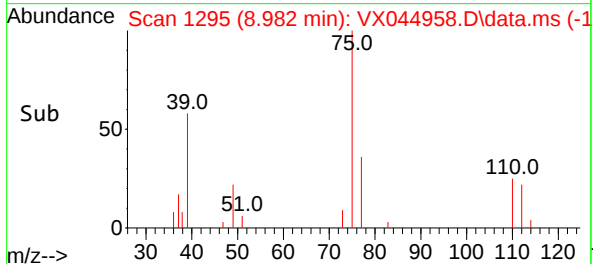
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



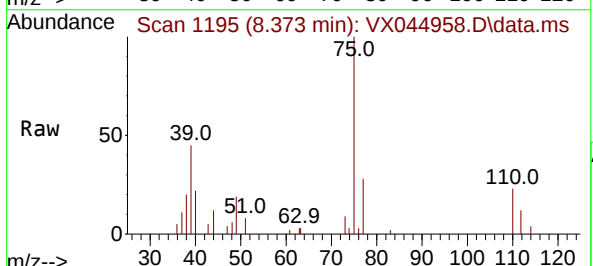
Tgt Ion: 75 Resp: 3490
Ion Ratio Lower Upper
75 100
77 36.4 26.0 39.0

Manual Integrations
APPROVED

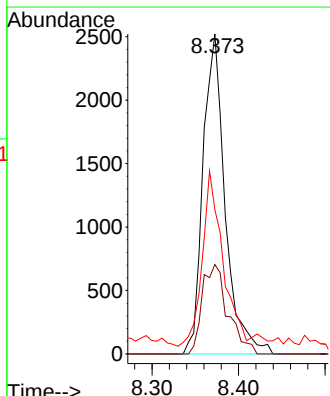
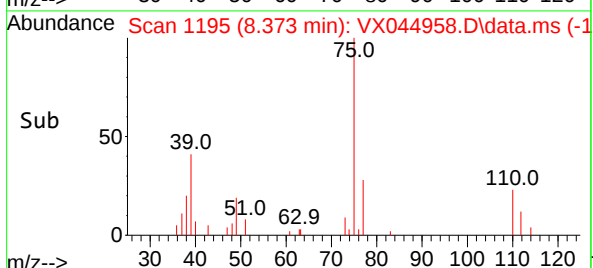
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#54
cis-1,3-Dichloropropene
Concen: 2.229 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



Tgt Ion: 75 Resp: 4458
Ion Ratio Lower Upper
75 100
77 28.0 25.3 37.9
39 42.7 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 2.494 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

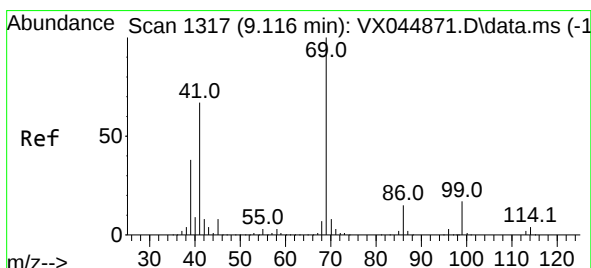
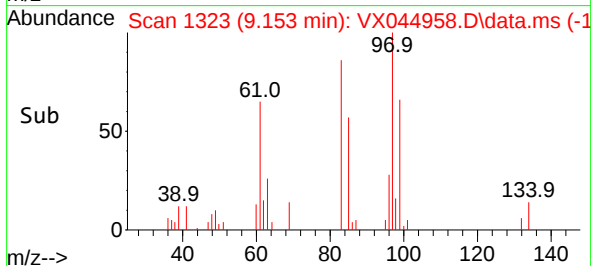
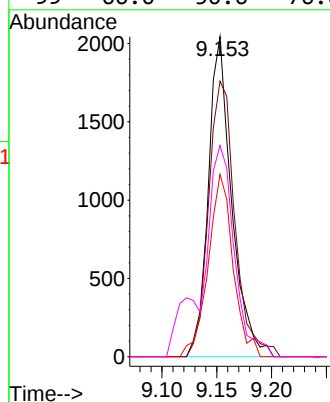
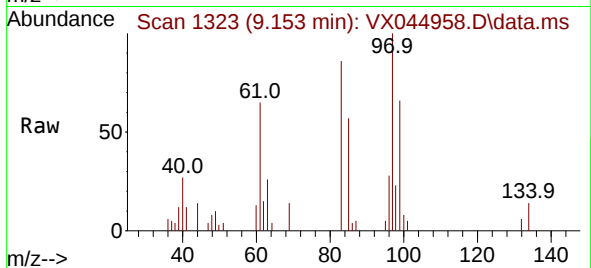
Tgt Ion: 97	Resp: 3030
Ion Ratio	Lower Upper
97 100	
83 86.1	69.8 104.6
85 56.9	44.8 67.2
99 66.0	50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#56

Ethyl methacrylate

Concen: 2.298 ug/l

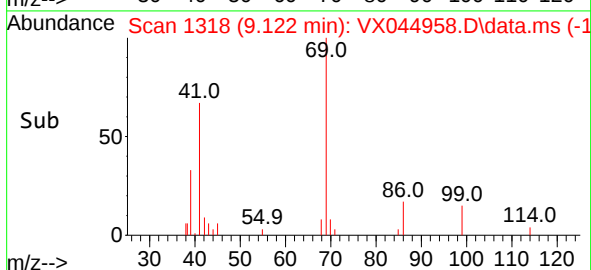
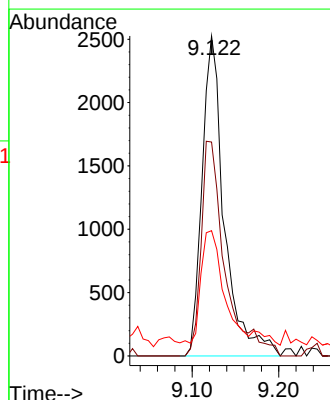
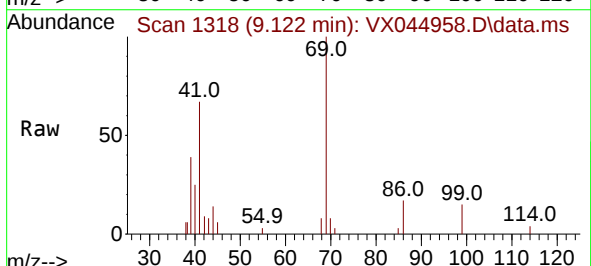
RT: 9.122 min Scan# 1318

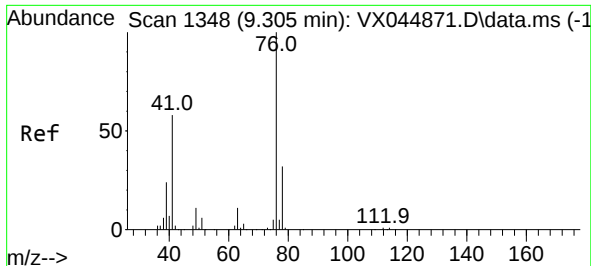
Delta R.T. 0.007 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Tgt Ion: 69	Resp: 4509
Ion Ratio	Lower Upper
69 100	
41 71.5	55.2 82.8
39 34.9	30.8 46.2





#57

1,3-Dichloropropane

Concen: 2.508 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 76 Resp: 5330

Ion Ratio Lower Upper

76 100

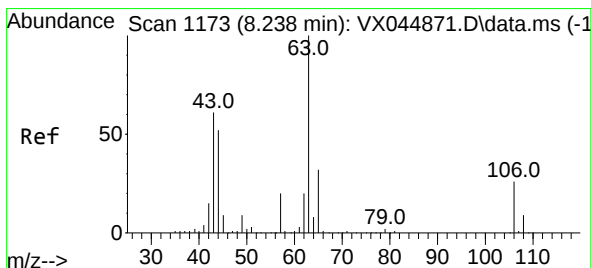
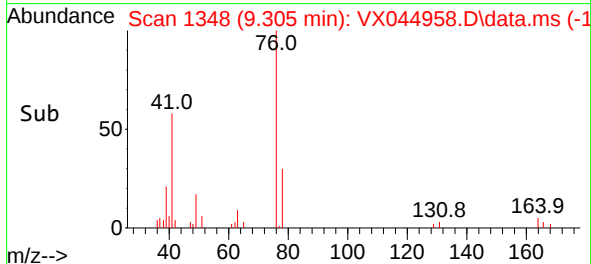
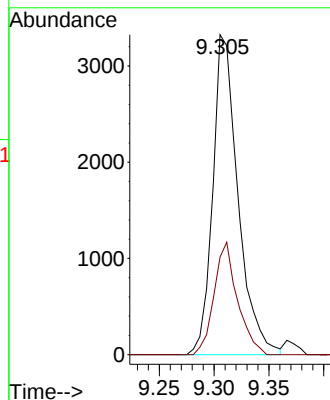
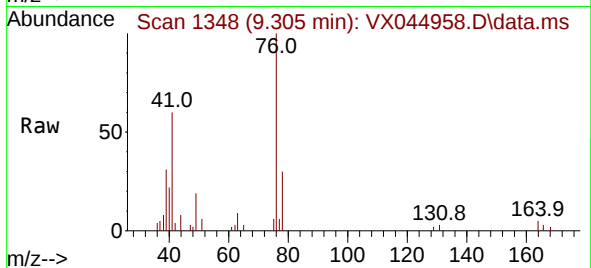
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 11.787 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.007 min

Lab File: VX044958.D

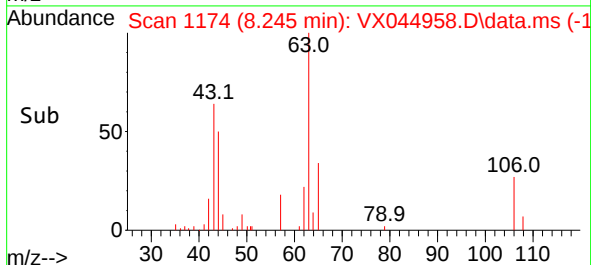
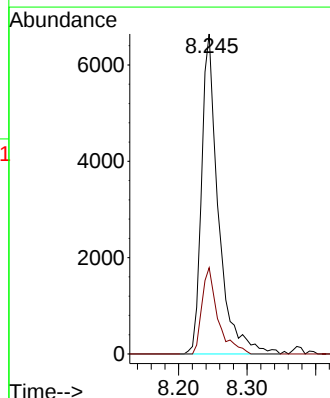
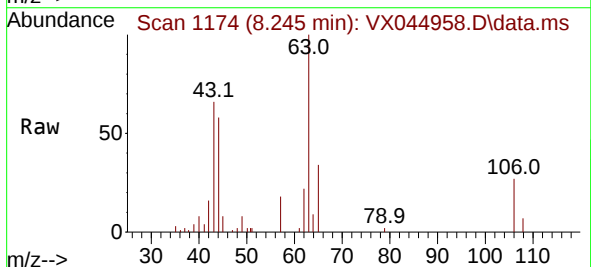
Acq: 14 Feb 2025 13:57

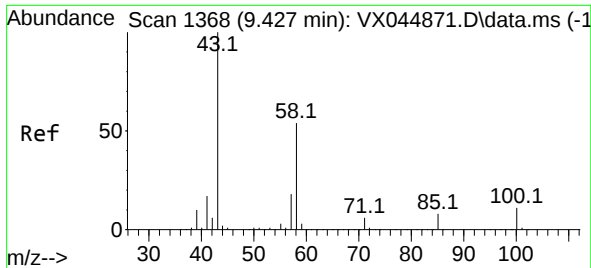
Tgt Ion: 63 Resp: 11355

Ion Ratio Lower Upper

63 100

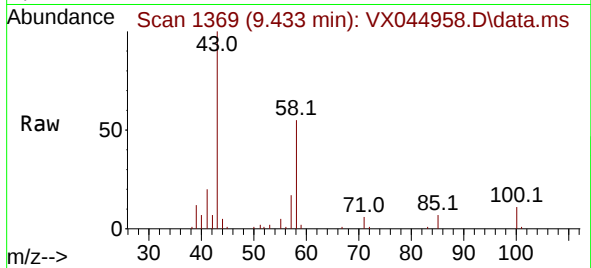
106 25.6 21.3 31.9





#59
2-Hexanone
Concen: 12.787 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

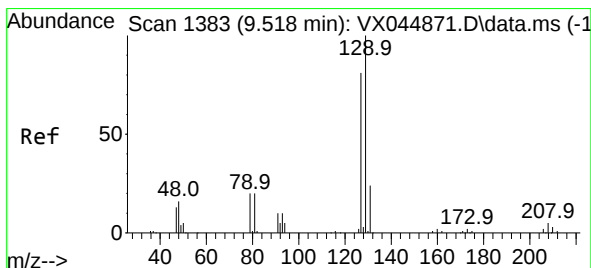
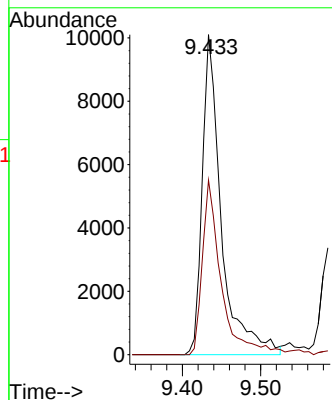
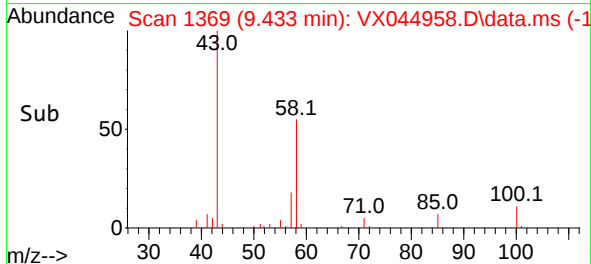
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 43 Resp: 17090
Ion Ratio Lower Upper
43 100
58 53.7 27.5 82.4

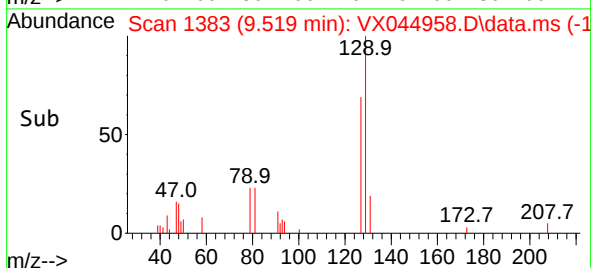
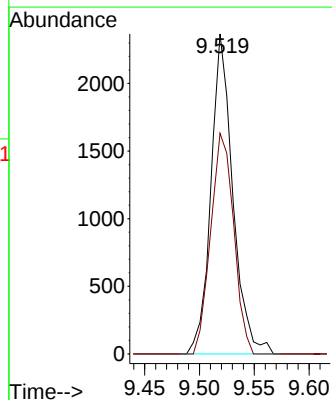
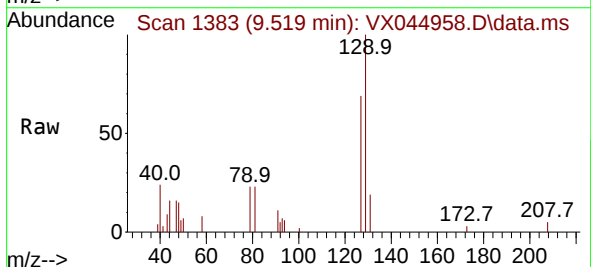
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 2.526 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

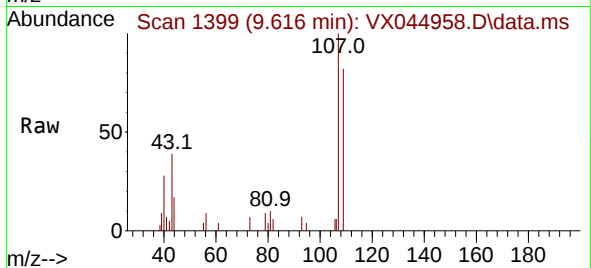
Tgt Ion:129 Resp: 3282
Ion Ratio Lower Upper
129 100
127 72.5 39.1 117.3





#61
1,2-Dibromoethane
Concen: 2.515 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.013 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

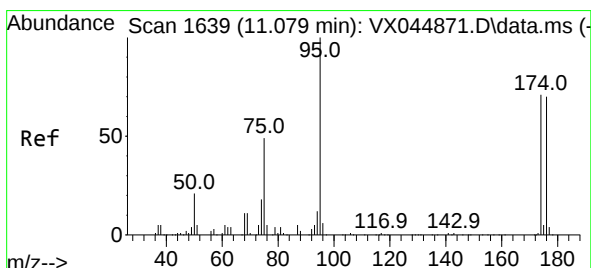
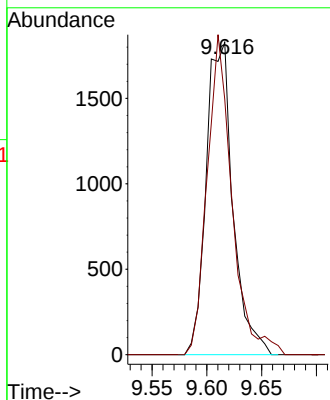
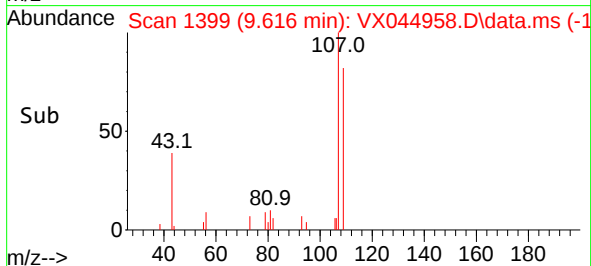
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



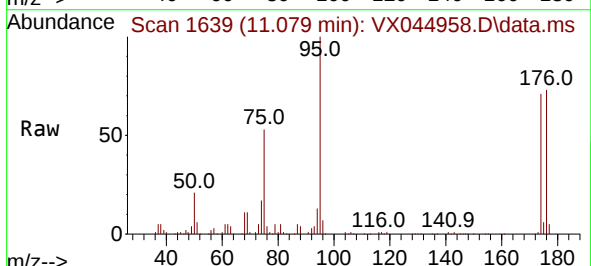
Tgt Ion:107 Resp: 309
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9

Manual Integrations
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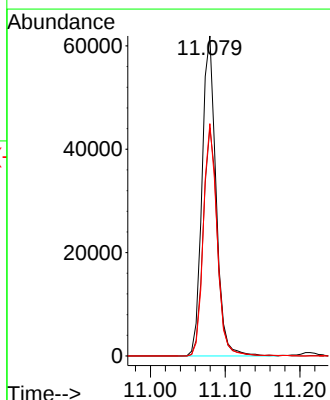
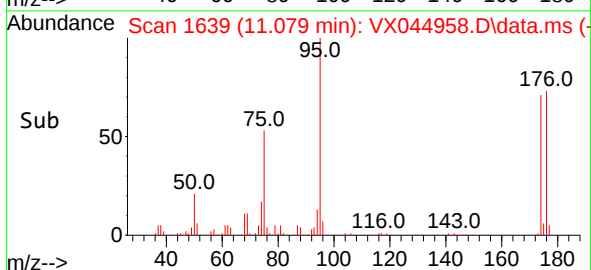
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

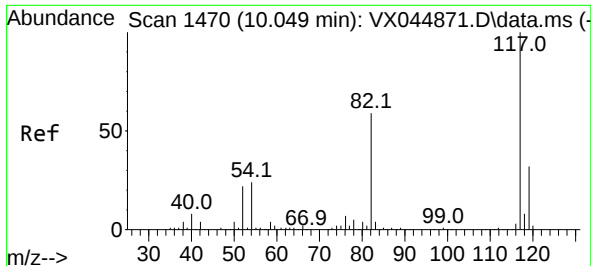


#62
4-Bromofluorobenzene
Concen: 53.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



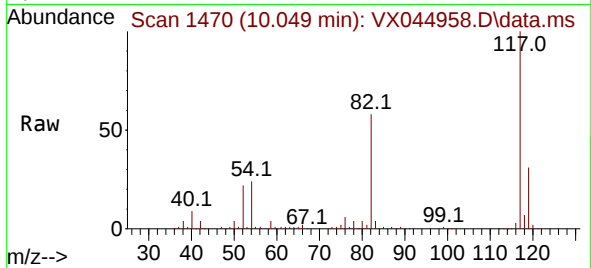
Tgt Ion: 95 Resp: 80639
Ion Ratio Lower Upper
95 100
174 71.5 0.0 142.6
176 70.9 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

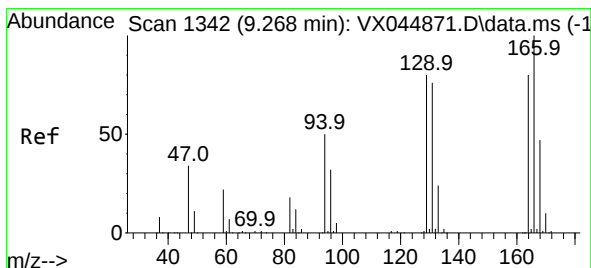
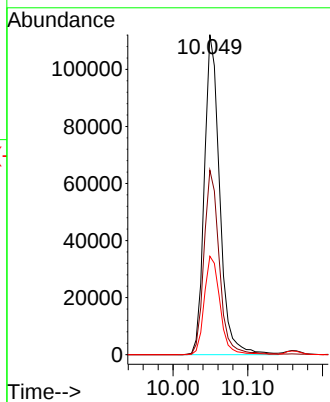
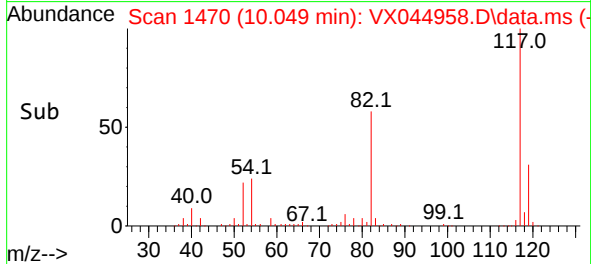
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:117 Resp: 160370
Ion Ratio Lower Upper
117 100
82 57.7 47.5 71.3
119 30.8 25.4 38.0

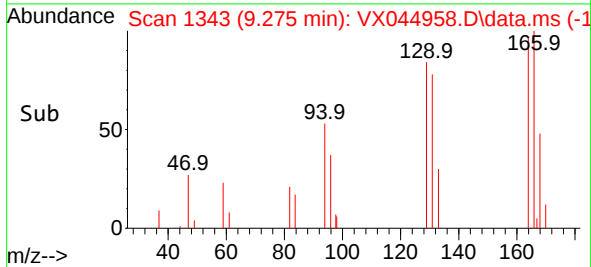
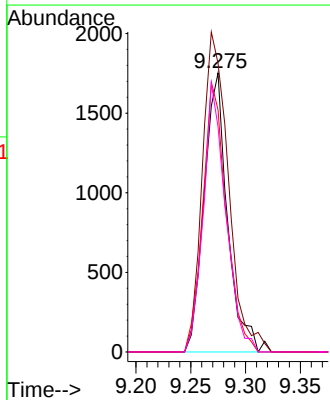
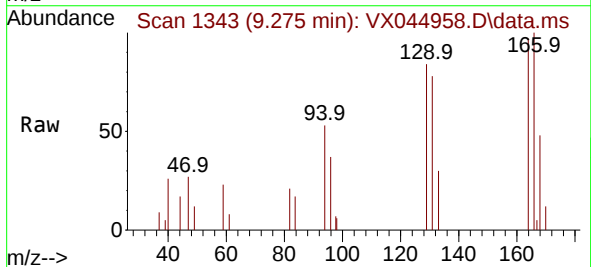
Manual Integrations
APPROVED

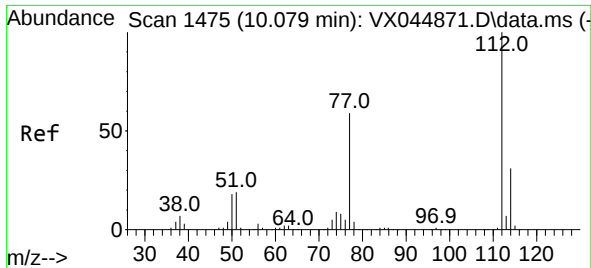
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#64
Tetrachloroethene
Concen: 2.573 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:164 Resp: 2602
Ion Ratio Lower Upper
164 100
166 103.4 100.4 150.6
129 86.8 79.9 119.9
131 80.7 75.9 113.9





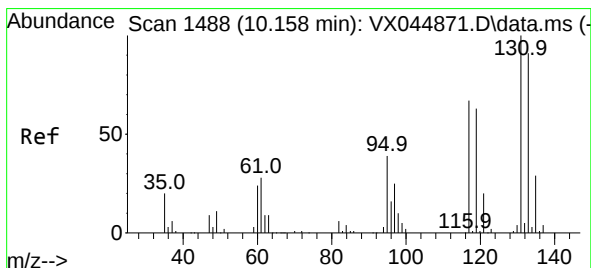
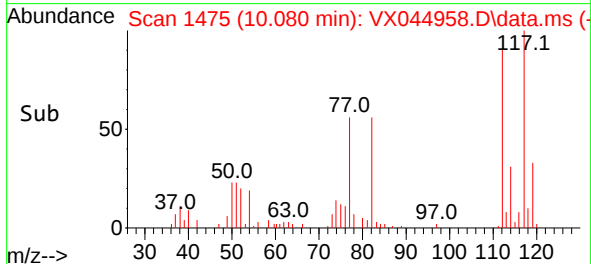
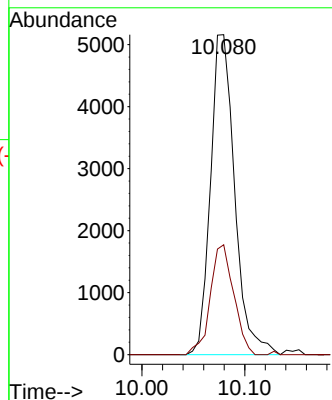
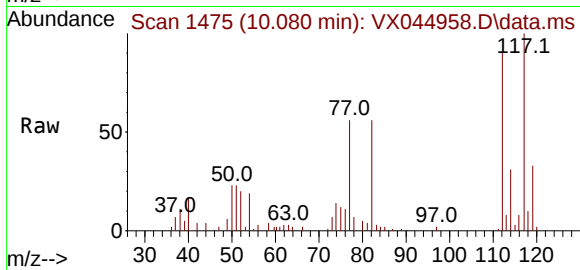
#65
Chlorobenzene
Concen: 2.449 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025

Tgt Ion:112 Resp: 843
Ion Ratio Lower Upper
112 100
114 34.4 25.0 37.6

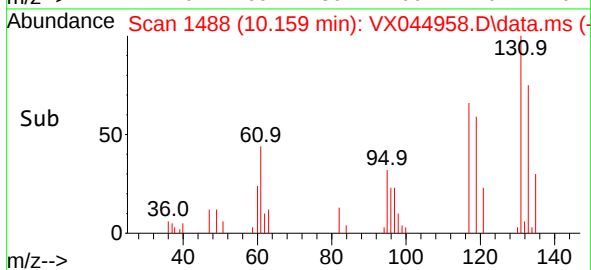
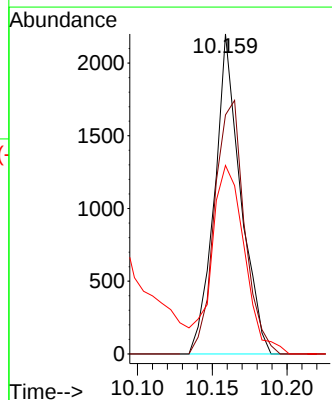
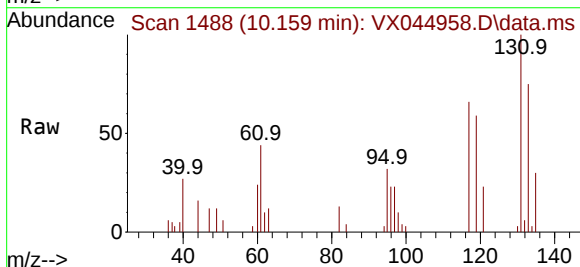
Manual Integrations
APPROVED

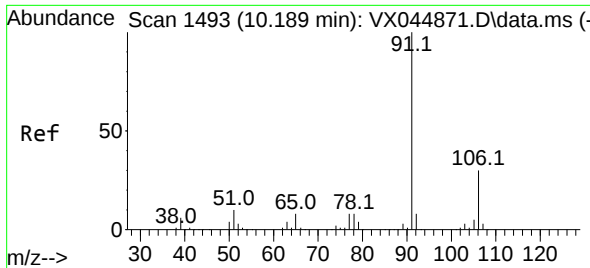
Reviewed By :John Carbone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.398 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:131 Resp: 2659
Ion Ratio Lower Upper
131 100
133 91.0 47.1 141.3
119 74.5 33.6 100.6





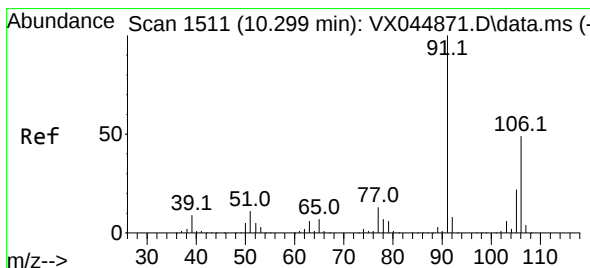
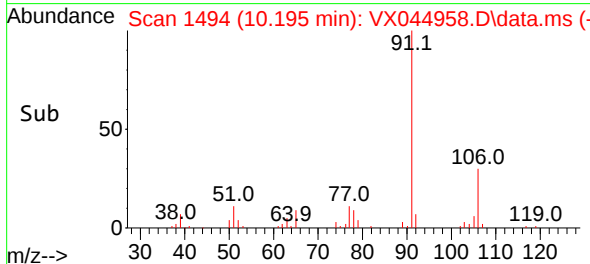
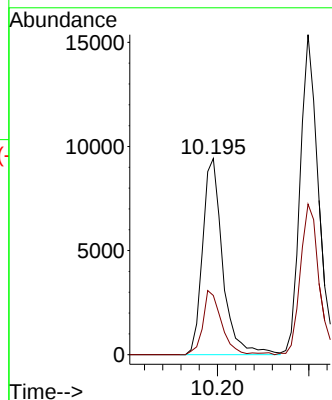
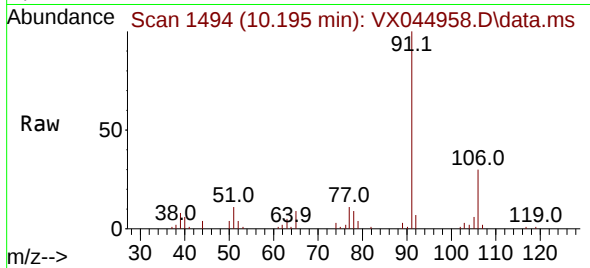
#67
Ethyl Benzene
Concen: 2.360 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 91 Resp: 14340
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

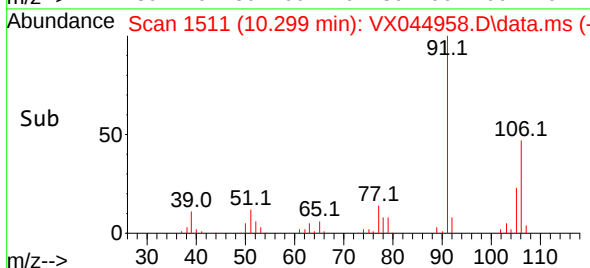
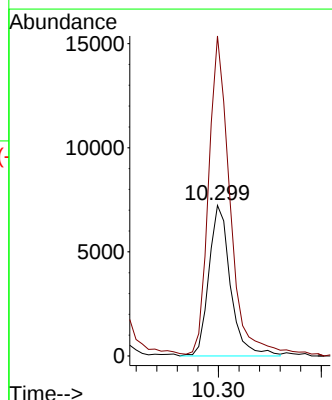
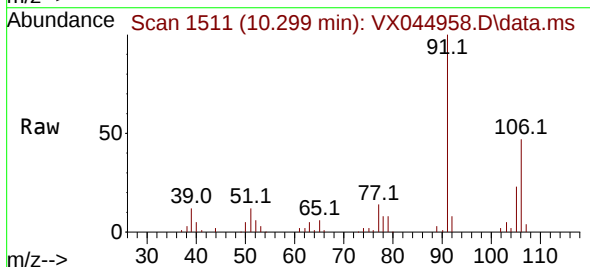
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#68
m/p-Xylenes
Concen: 4.708 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:106 Resp: 10557
Ion Ratio Lower Upper
106 100
91 212.9 164.3 246.5





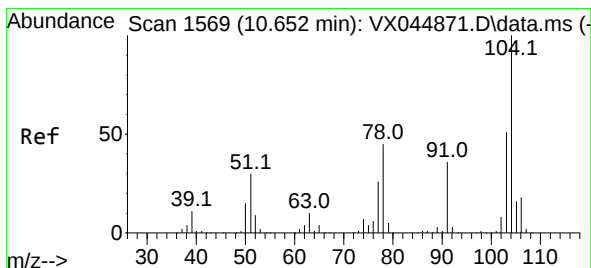
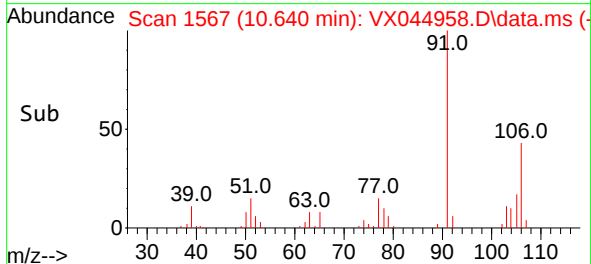
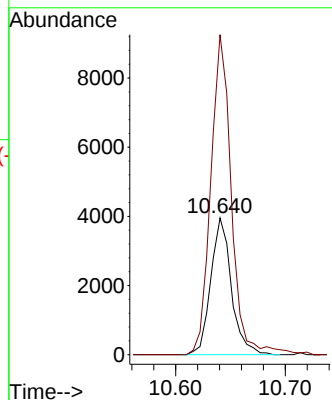
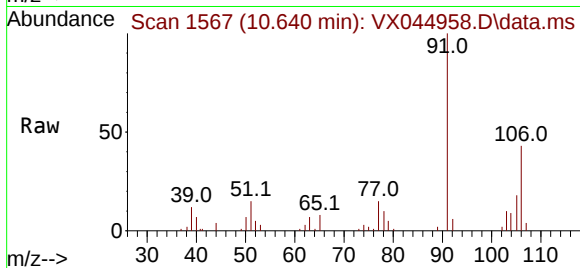
#69
o-Xylene
Concen: 2.296 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:106 Resp: 516
Ion Ratio Lower Upper
106 100
91 234.6 108.5 325.5

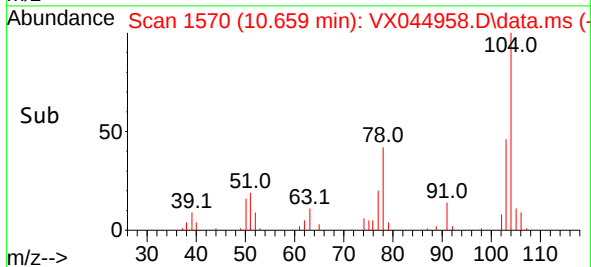
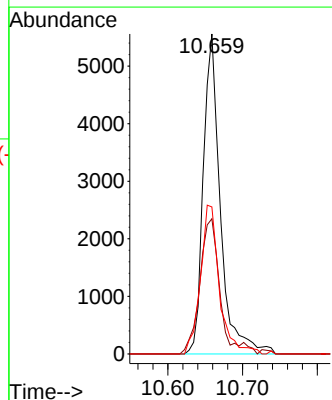
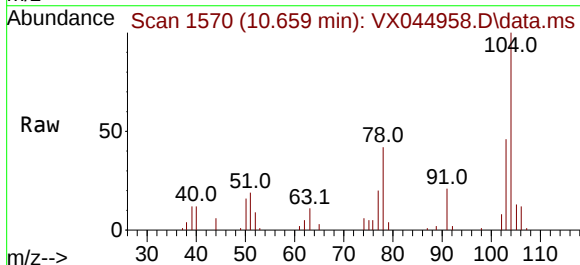
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 2.436 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion:104 Resp: 8832
Ion Ratio Lower Upper
104 100
78 49.5 40.5 60.7
103 51.5 43.6 65.4





#71

Bromoform

Concen: 2.267 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044958.D

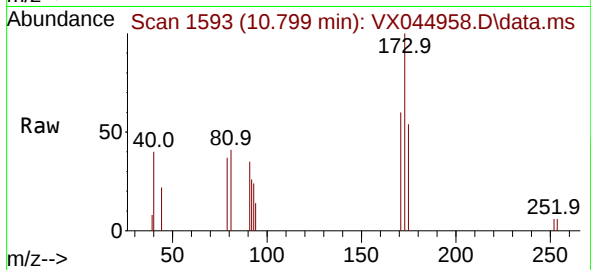
Acq: 14 Feb 2025 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025



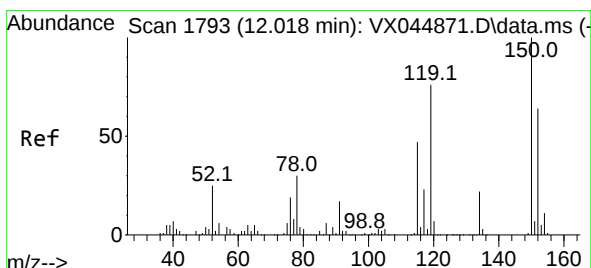
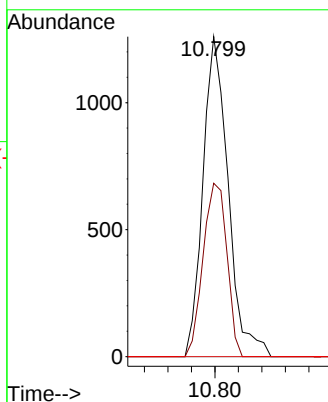
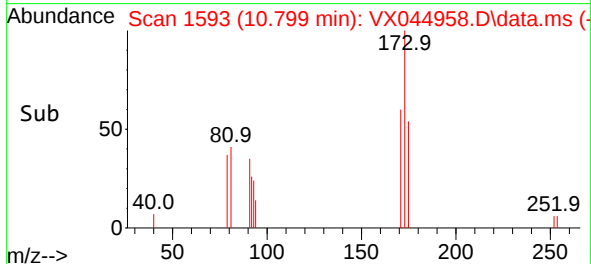
Tgt Ion:	173	Resp:	1870
Ion Ratio	Lower	Upper	
173	100		
175	51.2	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

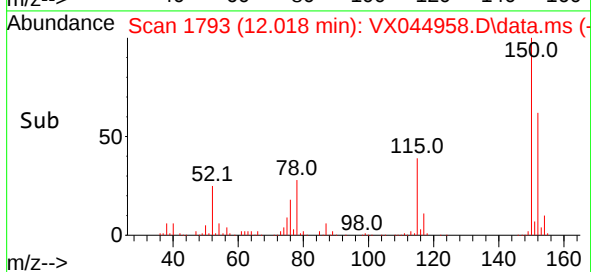
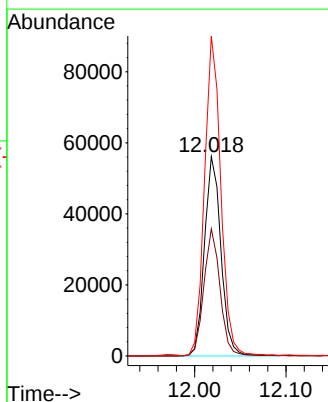
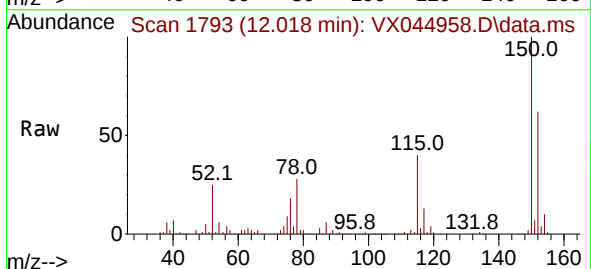
RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044958.D

Acq: 14 Feb 2025 13:57

Tgt Ion:	152	Resp:	69963
Ion Ratio	Lower	Upper	
152	100		
115	62.9	43.4	130.1
150	158.8	0.0	350.4





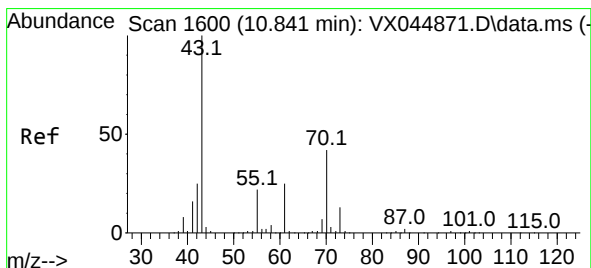
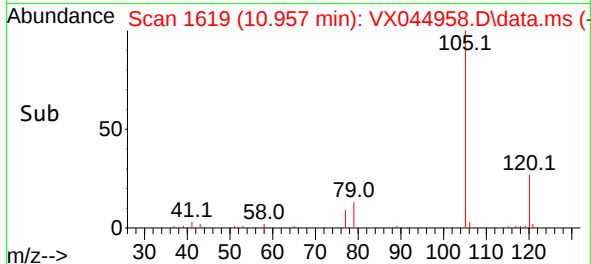
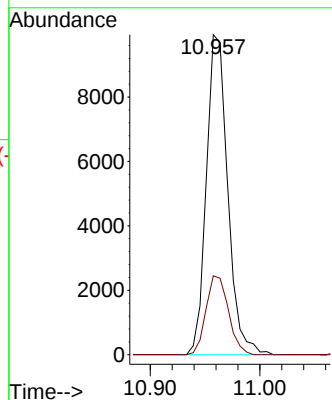
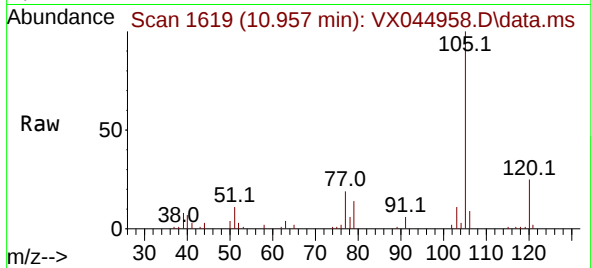
#73
Isopropylbenzene
Concen: 2.391 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025

Tgt Ion:105 Resp: 13472
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

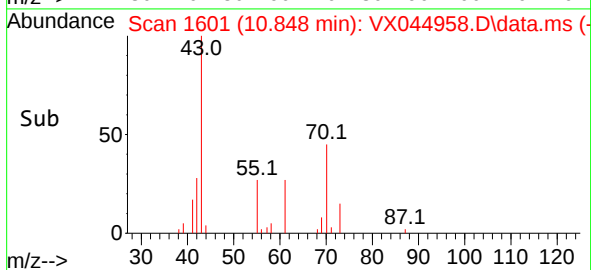
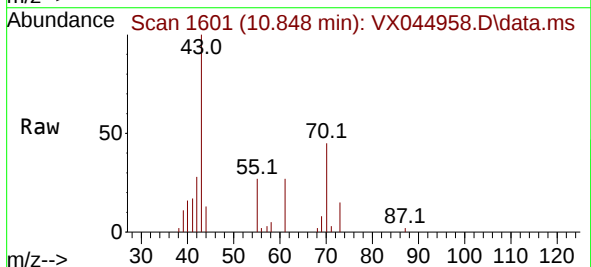
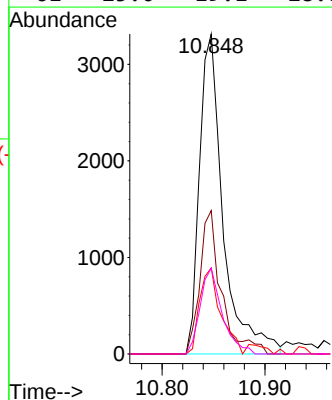
Manual Integrations
APPROVED

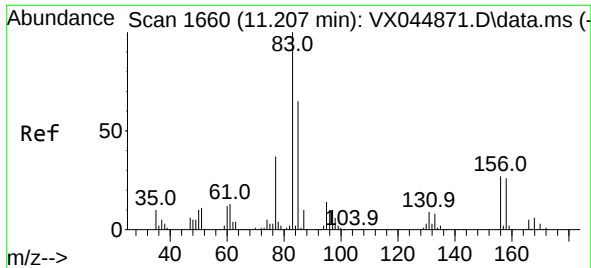
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#74
N-ethyl acetate
Concen: 2.078 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 43 Resp: 5296
Ion Ratio Lower Upper
43 100
70 40.6 33.7 50.5
55 24.1 18.6 27.8
61 25.0 19.1 28.7





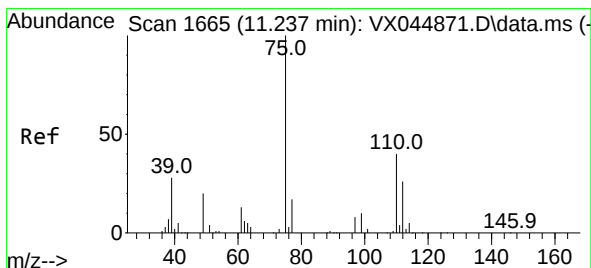
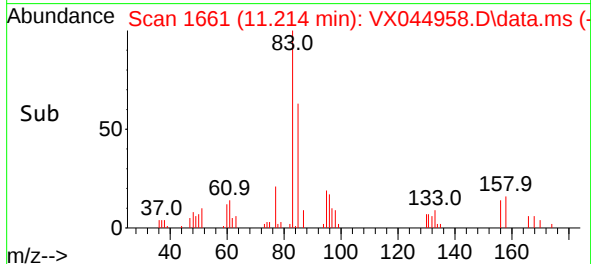
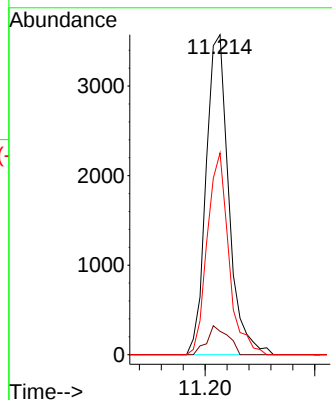
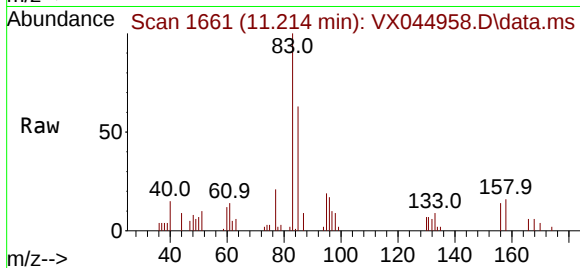
#75
1,1,2,2-Tetrachloroethane
Concen: 2.649 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 83 Resp: 512
Ion Ratio Lower Upper
83 100
131 8.4 4.5 13.5
85 60.1 32.3 96.8

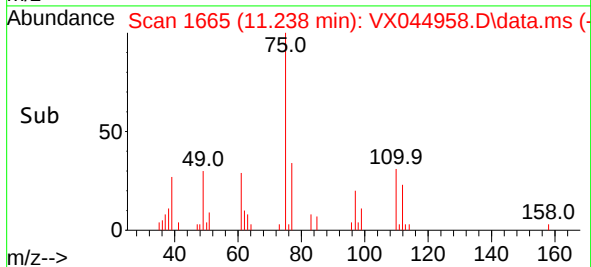
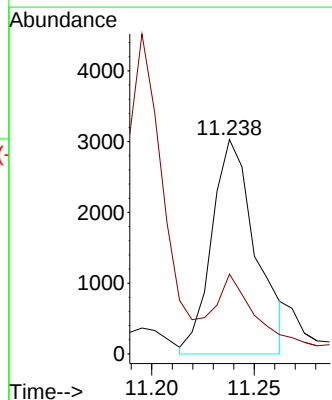
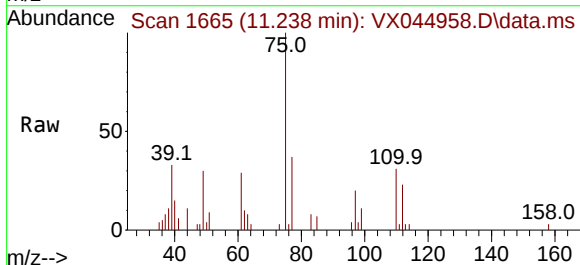
Manual Integrations
APPROVED

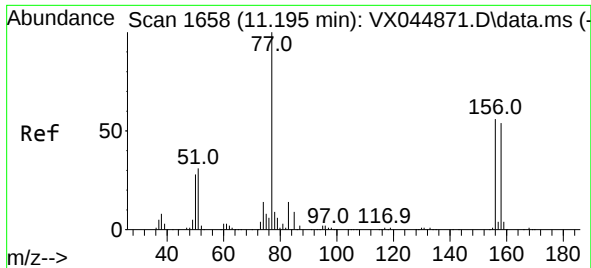
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#76
1,2,3-Trichloropropane
Concen: 2.913 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

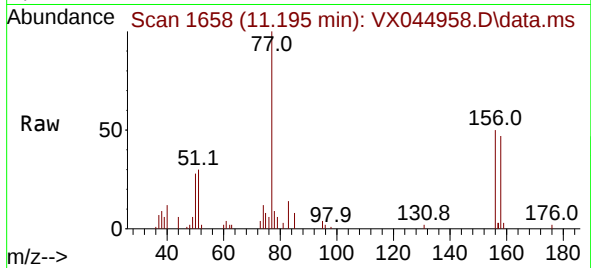
Tgt Ion: 75 Resp: 4519
Ion Ratio Lower Upper
75 100
77 39.6 21.9 65.7





#77
Bromobenzene
Concen: 2.481 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

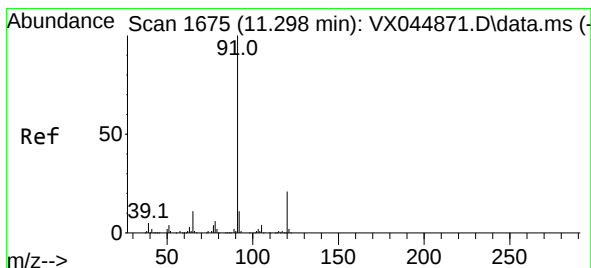
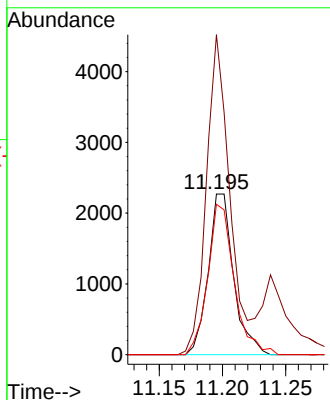
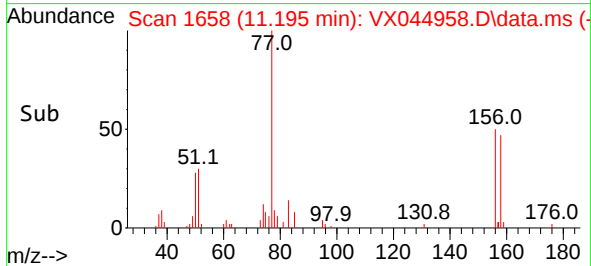
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:156 Resp: 3169
Ion Ratio Lower Upper
156 100
77 179.8 88.4 265.3
158 97.5 48.4 145.2

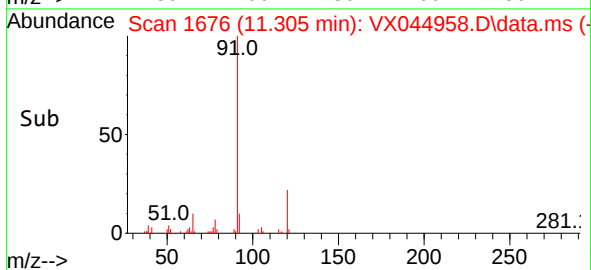
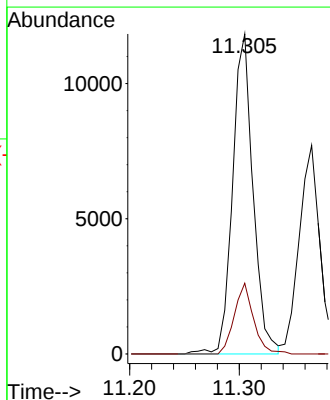
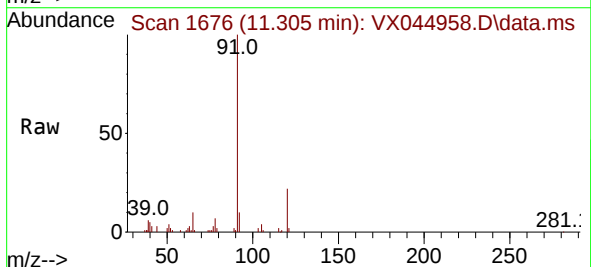
Manual Integrations
APPROVED

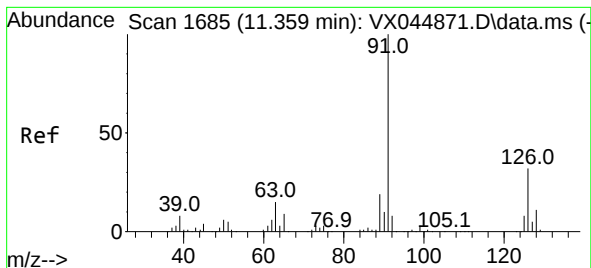
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#78
n-propylbenzene
Concen: 2.352 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 91 Resp: 15293
Ion Ratio Lower Upper
91 100
120 20.9 11.1 33.3





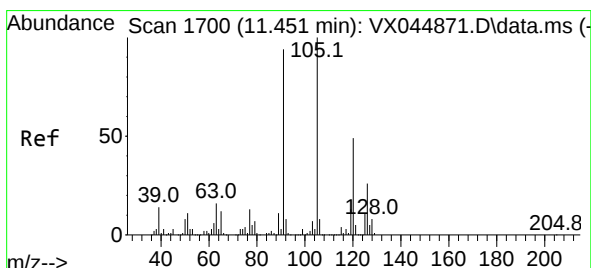
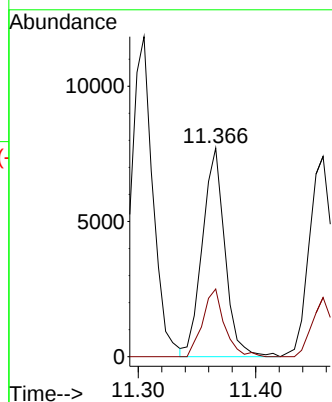
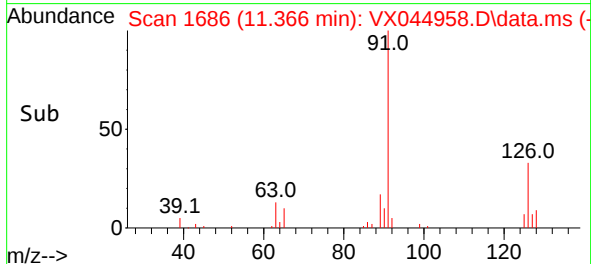
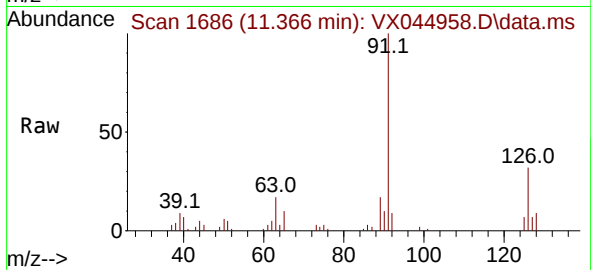
#79
2-Chlorotoluene
Concen: 2.581 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 91 Resp: 1031
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.6

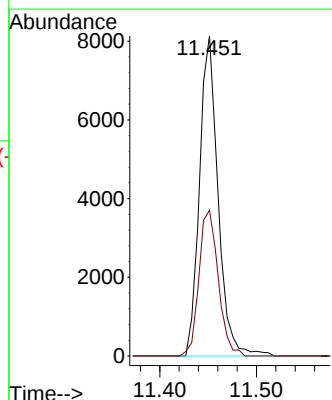
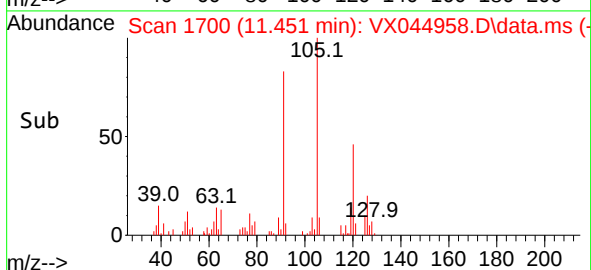
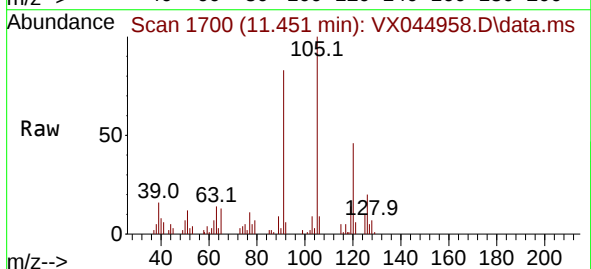
Manual Integrations
APPROVED

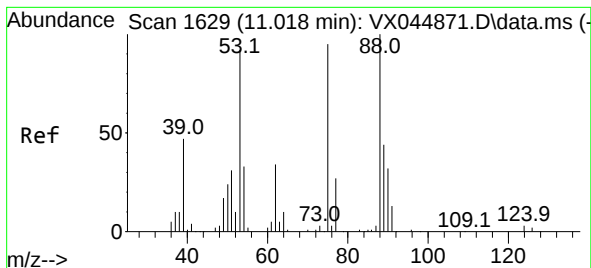
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.372 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

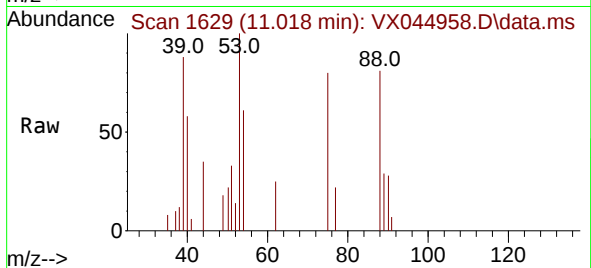
Tgt Ion:105 Resp: 10844
Ion Ratio Lower Upper
105 100
120 47.4 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.708 ug/l m
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

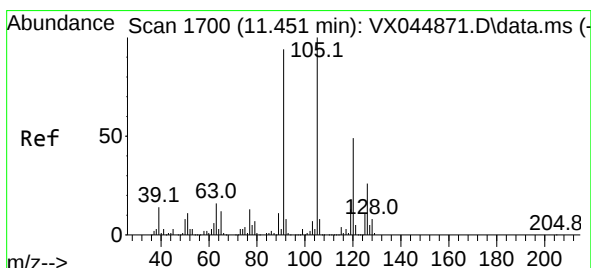
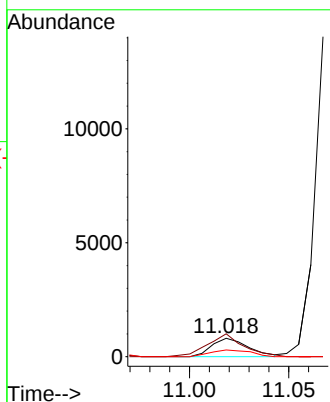
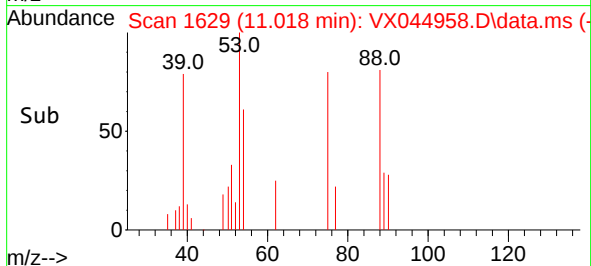
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 75 Resp: 1030
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 36.6 54.8

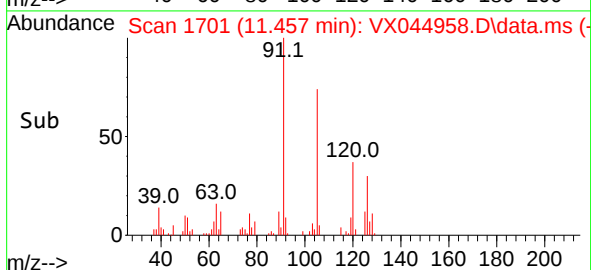
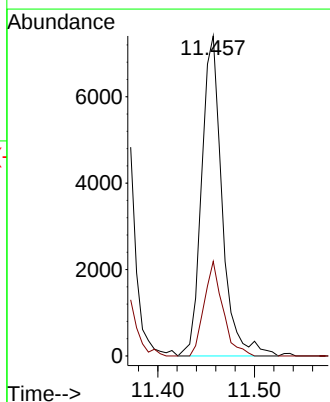
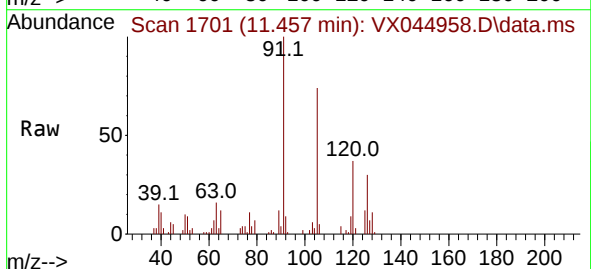
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 2.474 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Tgt Ion: 91 Resp: 10936
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





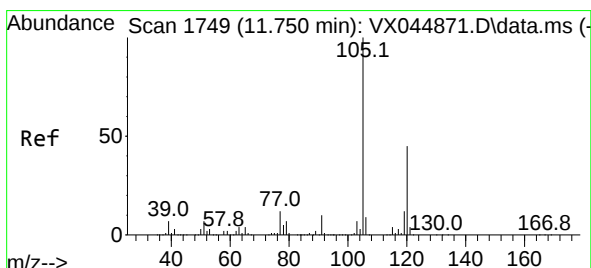
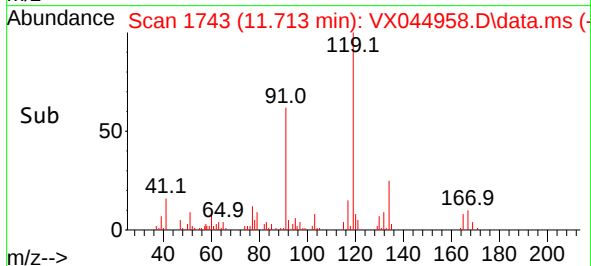
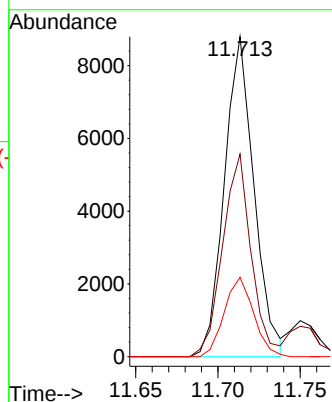
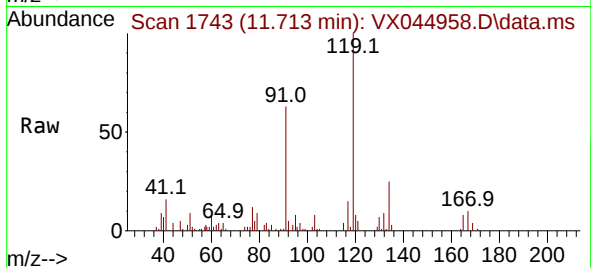
#83
tert-Butylbenzene
Concen: 2.383 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025

Tgt Ion:119 Resp: 1102
Ion Ratio Lower Upper
119 100
91 61.2 29.1 87.4
134 24.5 11.5 34.5

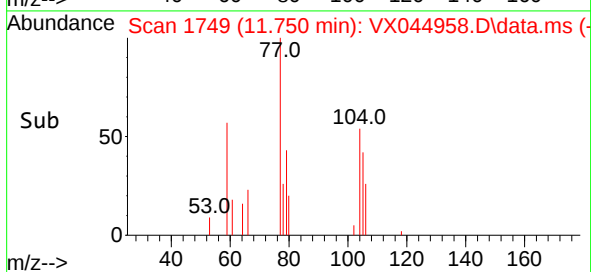
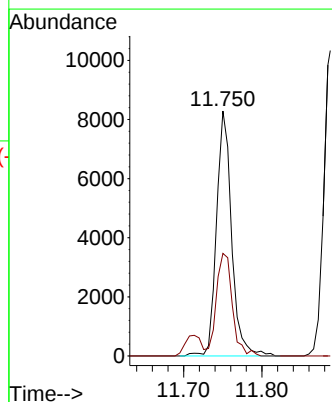
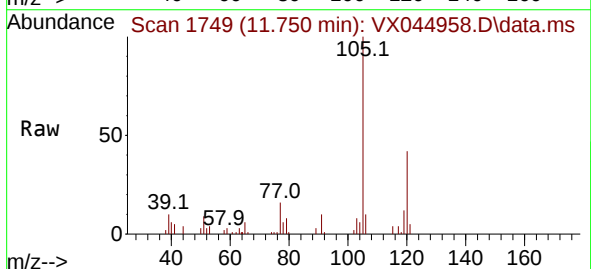
Manual Integrations
APPROVED

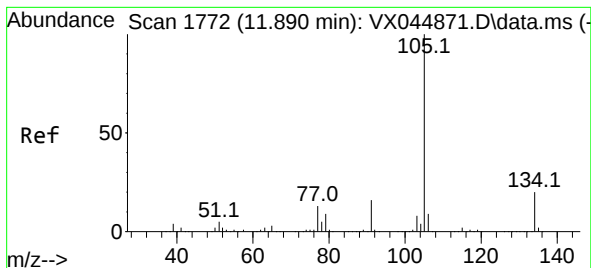
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 2.464 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

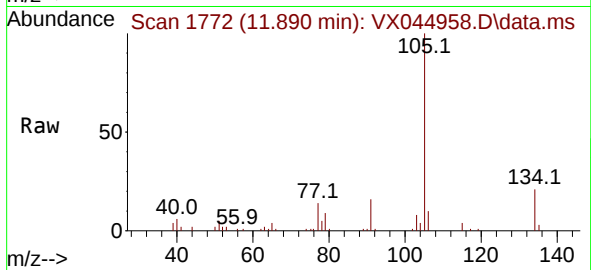
Tgt Ion:105 Resp: 11116
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 2.339 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57

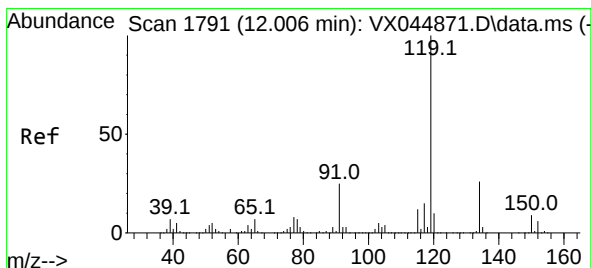
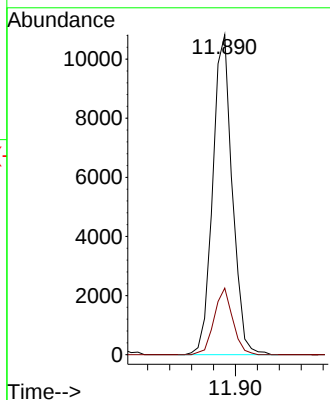
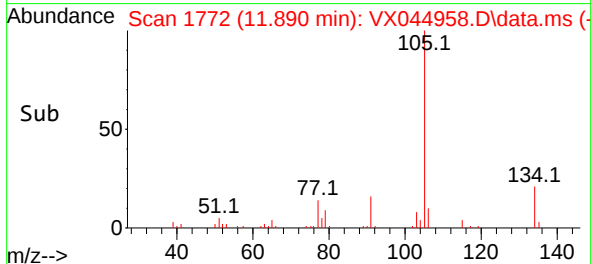
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025



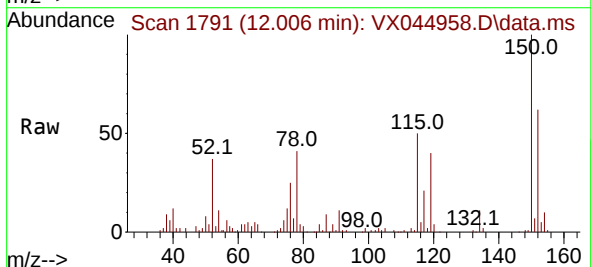
Tgt Ion:105 Resp: 1339
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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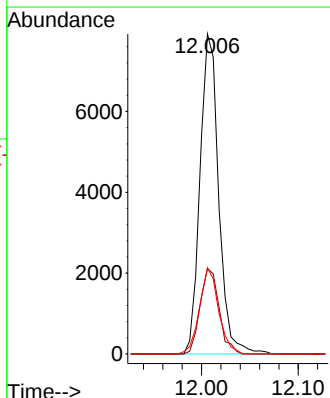
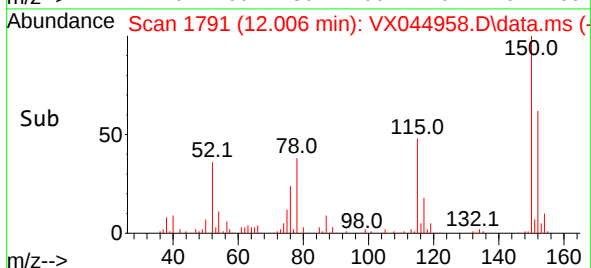
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#86
 p-Isopropyltoluene
 Concen: 2.312 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044958.D
 Acq: 14 Feb 2025 13:57



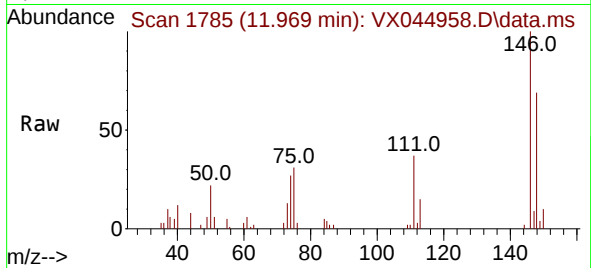
Tgt Ion:119 Resp: 10646
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 38.9
 91 27.5 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 2.460 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

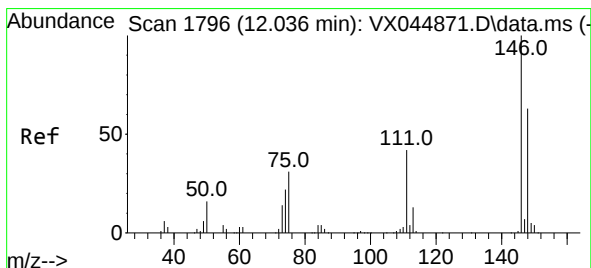
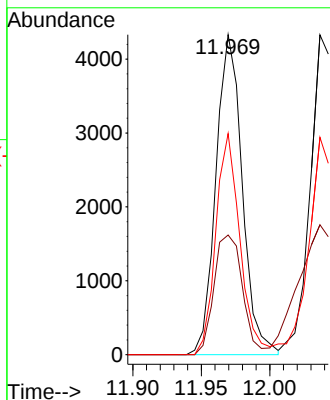
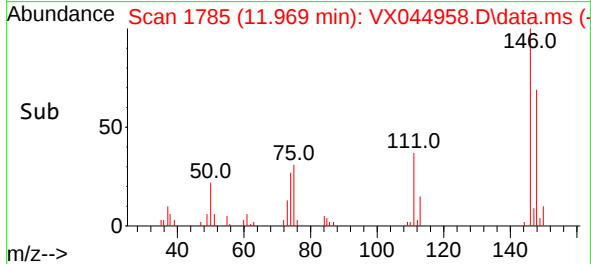
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025



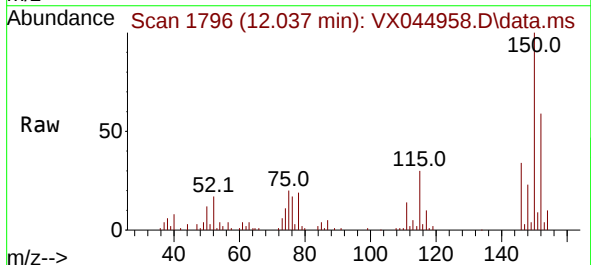
Tgt Ion:146 Resp: 5778
Ion Ratio Lower Upper
146 100
111 40.3 21.2 63.6
148 63.3 32.5 97.5

Manual Integrations
APPROVED

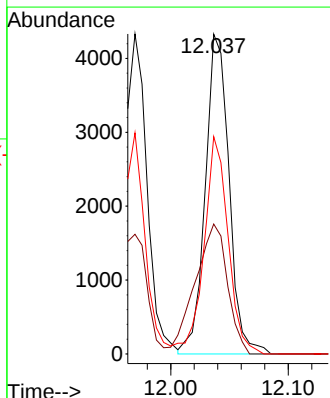
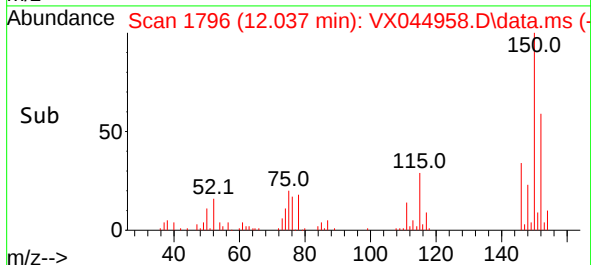
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

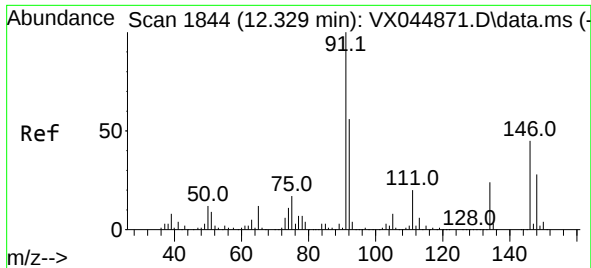


#88
1,4-Dichlorobenzene
Concen: 2.561 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



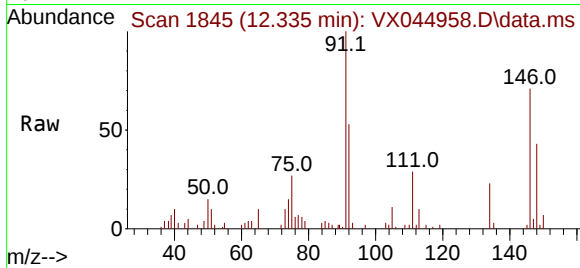
Tgt Ion:146 Resp: 6081
Ion Ratio Lower Upper
146 100
111 55.5 20.4 61.3
148 69.1 32.0 96.0





#89
n-Butylbenzene
Concen: 2.086 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

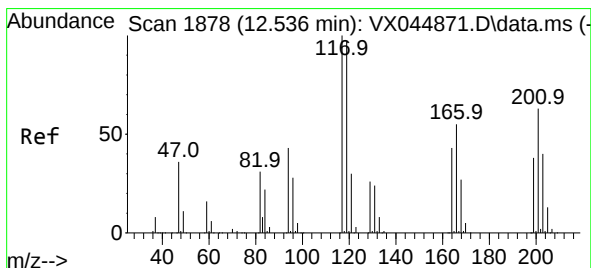
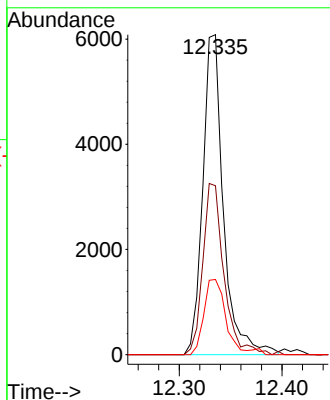
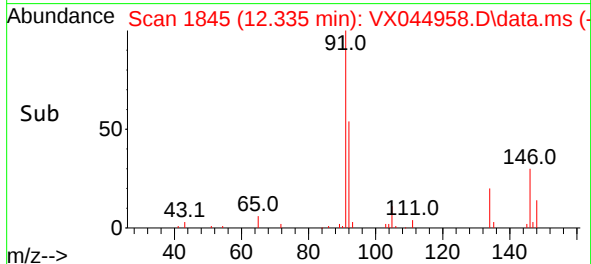
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 91 Resp: 849
Ion Ratio Lower Upper
91 100
92 54.9 27.2 81.6
134 25.4 12.1 36.3

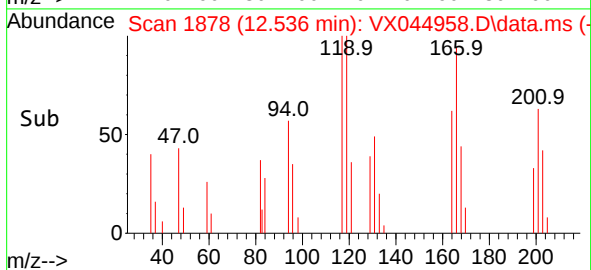
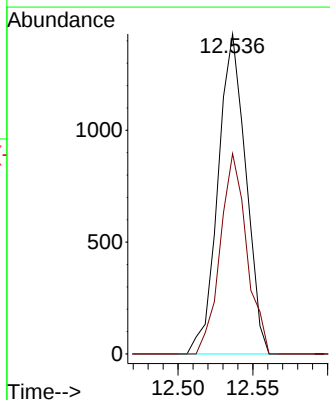
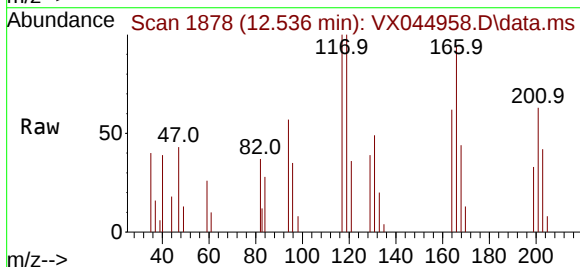
Manual Integrations
APPROVED

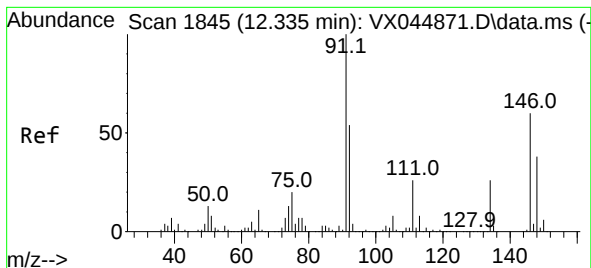
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#90
Hexachloroethane
Concen: 2.143 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

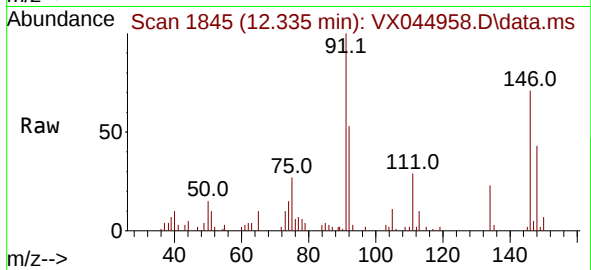
Tgt Ion:117 Resp: 1848
Ion Ratio Lower Upper
117 100
201 59.8 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 2.746 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

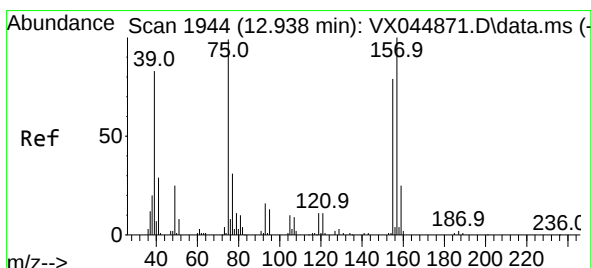
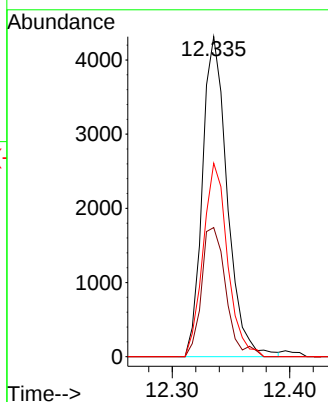
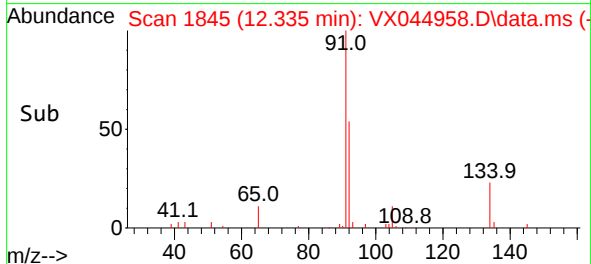
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



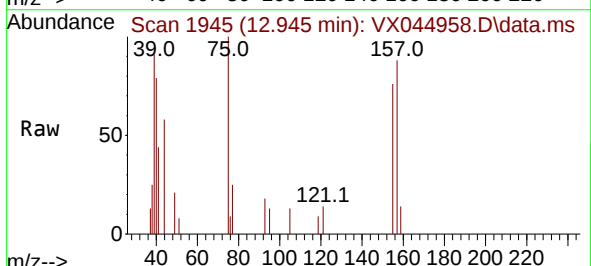
Tgt Ion:146 Resp: 6338
Ion Ratio Lower Upper
146 100
111 39.8 21.8 65.4
148 59.5 31.9 95.9

Manual Integrations
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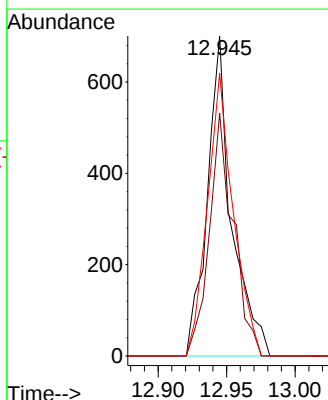
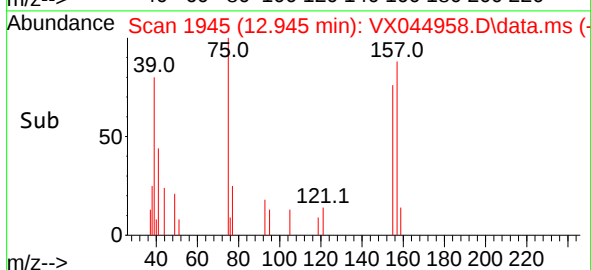
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

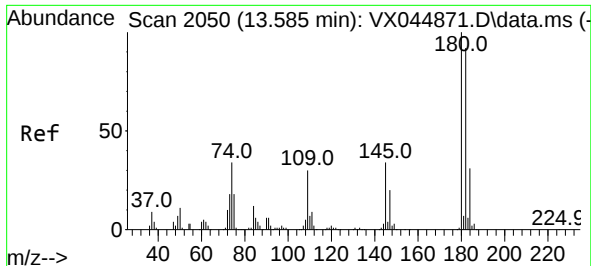


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.443 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



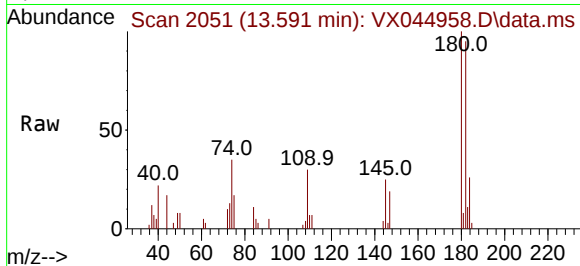
Tgt Ion: 75 Resp: 863
Ion Ratio Lower Upper
75 100
155 74.9 40.5 121.4
157 94.3 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 2.088 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

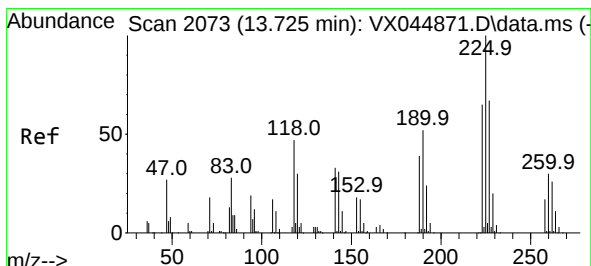
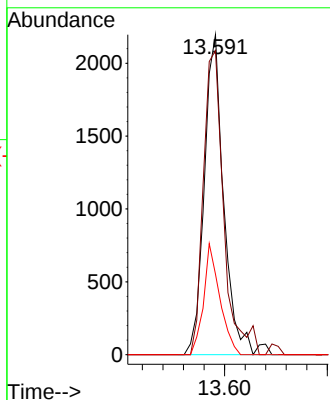
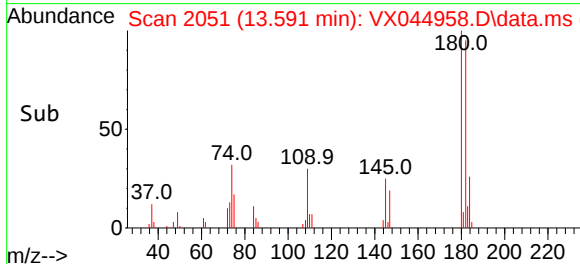
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



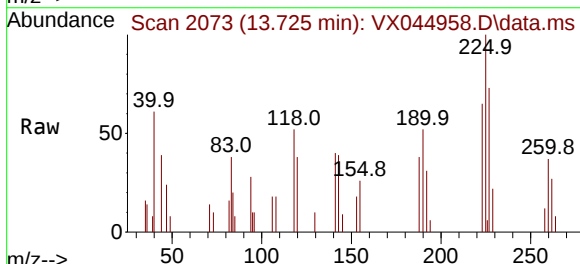
Tgt Ion:180 Resp: 2910
Ion Ratio Lower Upper
180 100
182 98.4 47.6 142.8
145 28.7 16.4 49.1

Manual Integrations
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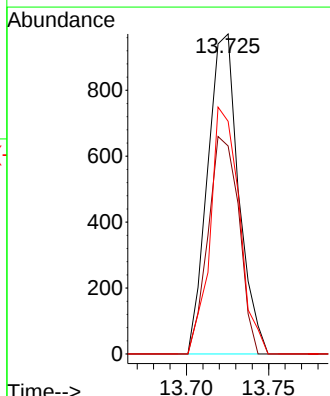
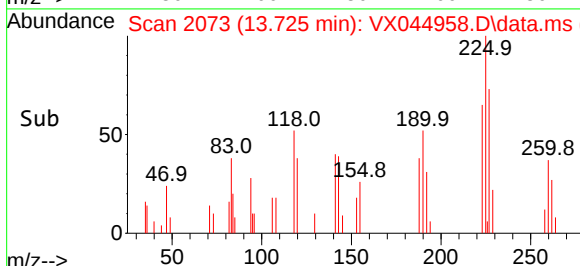
Reviewed By :John Carbone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

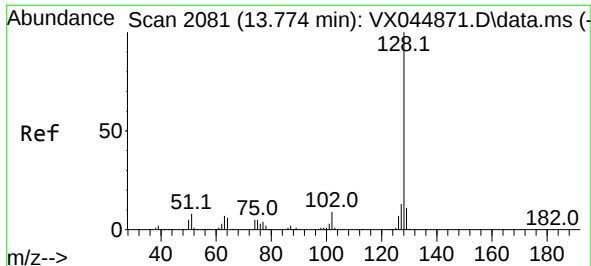


#94
Hexachlorobutadiene
Concen: 2.305 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



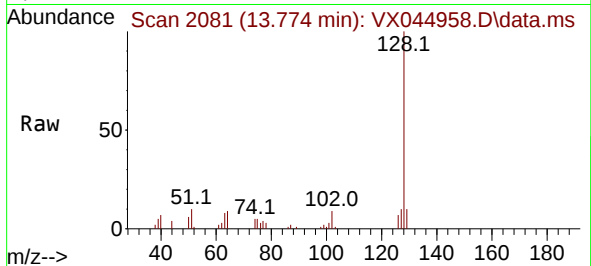
Tgt Ion:225 Resp: 1278
Ion Ratio Lower Upper
225 100
223 67.4 31.4 94.2
227 72.3 32.3 96.8





#95
Naphthalene
Concen: 2.187 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57

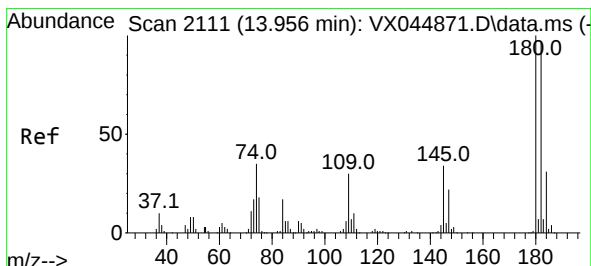
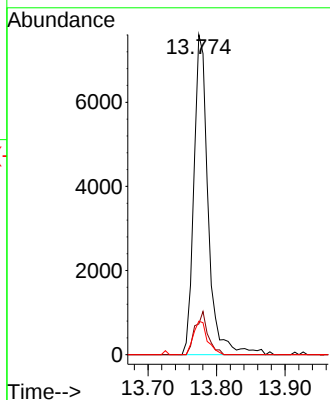
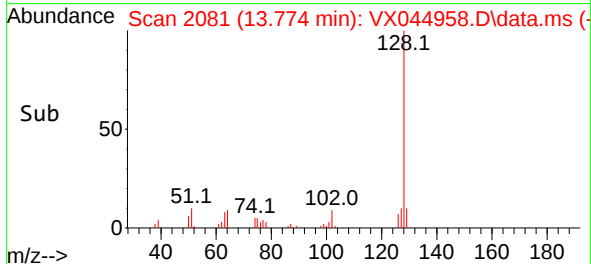
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



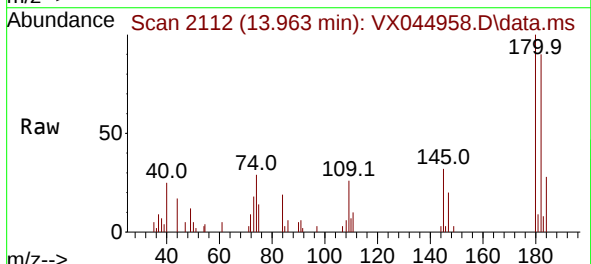
Tgt Ion:128 Resp: 11040
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 10.2 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 2.286 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.007 min
Lab File: VX044958.D
Acq: 14 Feb 2025 13:57



Tgt Ion:180 Resp: 3217
Ion Ratio Lower Upper
180 100
182 89.9 47.9 143.6
145 36.6 17.1 51.3

