

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048704.D
 Acq On : 03 Dec 2025 14:38
 Operator : JC/MD
 Sample : Q2893-07 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Dec 04 02:45:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 02:13:49 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	173235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	305450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	277496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	143799	61.481	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 122.960%#	
35) Dibromofluoromethane	5.367	113	111602	53.605	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.200%	
50) Toluene-d8	8.629	98	378140	52.965	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.920%	
62) 4-Bromofluorobenzene	11.061	95	140521	53.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	446	0.223	ug/l	97
3) Chloromethane	1.301	50	677	0.348	ug/l #	80
4) Vinyl Chloride	1.380	62	625	0.293	ug/l #	71
5) Bromomethane	1.624	94	734	0.518	ug/l	93
6) Chloroethane	1.697	64	339	0.268	ug/l	90
7) Trichlorofluoromethane	1.904	101	798	0.258	ug/l	86
8) Diethyl Ether	2.130	74	252	0.228	ug/l #	8
9) 1,1,2-Trichlorotrifluo...	2.331	101	549	0.297	ug/l	90
10) Methyl Iodide	2.465	142	1479	0.556	ug/l #	98
11) Tert butyl alcohol	2.947	59	402	1.136	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	438	0.239	ug/l #	90
13) Acrolein	2.233	56	308	1.610	ug/l #	70
14) Allyl chloride	2.666	41	923	0.266	ug/l	100
15) Acrylonitrile	3.062	53	1321	1.175	ug/l	99
16) Acetone	2.380	43	1563	2.045	ug/l	89
17) Carbon Disulfide	2.514	76	2951	0.528	ug/l #	93
18) Methyl Acetate	2.703	43	740	0.292	ug/l #	60
19) Methyl tert-butyl Ether	3.105	73	1536	0.246	ug/l	94
20) Methylene Chloride	2.782	84	626	0.293	ug/l #	90
21) trans-1,2-Dichloroethene	3.087	96	696	0.367	ug/l #	78
22) Diisopropyl ether	3.757	45	1556	0.250	ug/l #	68
23) Vinyl Acetate	3.721	43	5272	0.975	ug/l	98
24) 1,1-Dichloroethane	3.611	63	928m	0.262	ug/l	
25) 2-Butanone	4.574	43	1840m	1.382	ug/l	
26) 2,2-Dichloropropane	4.465	77	839	0.257	ug/l #	58
27) cis-1,2-Dichloroethene	4.477	96	555	0.234	ug/l	96
29) Tetrahydrofuran	5.013	42	1379m	1.360	ug/l	
30) Chloroform	5.093	83	1091m	0.291	ug/l	
31) Cyclohexane	5.452	56	750	0.249	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	850	0.252	ug/l #	46
36) 1,1-Dichloropropene	5.672	75	1118	0.397	ug/l #	53
37) Ethyl Acetate	4.708	43	956m	0.268	ug/l	
38) Carbon Tetrachloride	5.635	117	965m	0.299	ug/l	
39) Methylcyclohexane	7.354	83	1164	0.355	ug/l #	81
40) Benzene	6.025	78	2329	0.282	ug/l #	88
41) Methacrylonitrile	4.922	41	426m	0.264	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.074	62	912	0.307	ug/l #	73
43) Isopropyl Acetate	6.324	43	1037	0.207	ug/l #	68
44) Trichloroethene	7.117	130	718	0.330	ug/l	41
45) 1,2-Dichloropropane	7.409	63	556m	0.275	ug/l	
46) Dibromomethane	7.562	93	483	0.311	ug/l #	79
47) Bromodichloromethane	7.812	83	782	0.245	ug/l #	82
48) Methyl methacrylate	7.696	41	602m	0.251	ug/l	
49) 1,4-Dioxane	7.665	88	58	1.975	ug/l #	37
51) 4-Methyl-2-Pentanone	8.561	43	3522	1.114	ug/l	91
52) Toluene	8.696	92	1373	0.271	ug/l	78
53) t-1,3-Dichloropropene	8.970	75	821	0.259	ug/l #	70
54) cis-1,3-Dichloropropene	8.360	75	911	0.271	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	543	0.270	ug/l #	68
56) Ethyl methacrylate	9.104	69	670	0.208	ug/l #	76
57) 1,3-Dichloropropane	9.299	76	759	0.224	ug/l #	86
58) 2-Chloroethyl Vinyl ether	8.238	63	1377	0.833	ug/l #	84
59) 2-Hexanone	9.421	43	2644	1.166	ug/l	89
60) Dibromochloromethane	9.506	129	696	0.277	ug/l	98
61) 1,2-Dibromoethane	9.598	107	523	0.235	ug/l	100
64) Tetrachloroethene	9.263	164	782	0.410	ug/l #	72
65) Chlorobenzene	10.061	112	1600	0.272	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.140	131	556	0.272	ug/l #	63
67) Ethyl Benzene	10.183	91	2766	0.286	ug/l	93
68) m/p-Xylenes	10.287	106	2305	0.620	ug/l	97
69) o-Xylene	10.622	106	1004	0.280	ug/l	93
70) Styrene	10.640	104	1783	0.296	ug/l	95
71) Bromoform	10.787	173	583	0.313	ug/l #	99
73) Isopropylbenzene	10.945	105	2712	0.286	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.189	83	763	0.235	ug/l #	94
76) 1,2,3-Trichloropropane	11.220	75	719m	0.252	ug/l	
77) Bromobenzene	11.183	156	759	0.297	ug/l	89
78) n-propylbenzene	11.287	91	4169	0.375	ug/l	91
79) 2-Chlorotoluene	11.348	91	2372	0.351	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	2893	0.373	ug/l	98
82) 4-Chlorotoluene	11.445	91	2988	0.380	ug/l	99
83) tert-Butylbenzene	11.695	119	2859	0.355	ug/l	98
84) 1,2,4-Trimethylbenzene	11.738	105	2829	0.366	ug/l	100
85) sec-Butylbenzene	11.872	105	3916	0.402	ug/l	100
86) p-Isopropyltoluene	11.988	119	3407	0.423	ug/l #	81
87) 1,3-Dichlorobenzene	11.951	146	2002	0.430	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	2285m	0.481	ug/l	
89) n-Butylbenzene	12.317	91	4130	0.544	ug/l	99
90) Hexachloroethane	12.518	117	670	0.413	ug/l	83
91) 1,2-Dichlorobenzene	12.323	146	1722	0.397	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.933	75	187	0.253	ug/l	66
93) 1,2,4-Trichlorobenzene	13.573	180	1741	0.631	ug/l	96
94) Hexachlorobutadiene	13.707	225	1327	1.155	ug/l	98
95) Naphthalene	13.762	128	2855	0.339	ug/l	96
96) 1,2,3-Trichlorobenzene	13.945	180	1165	0.457	ug/l	92

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

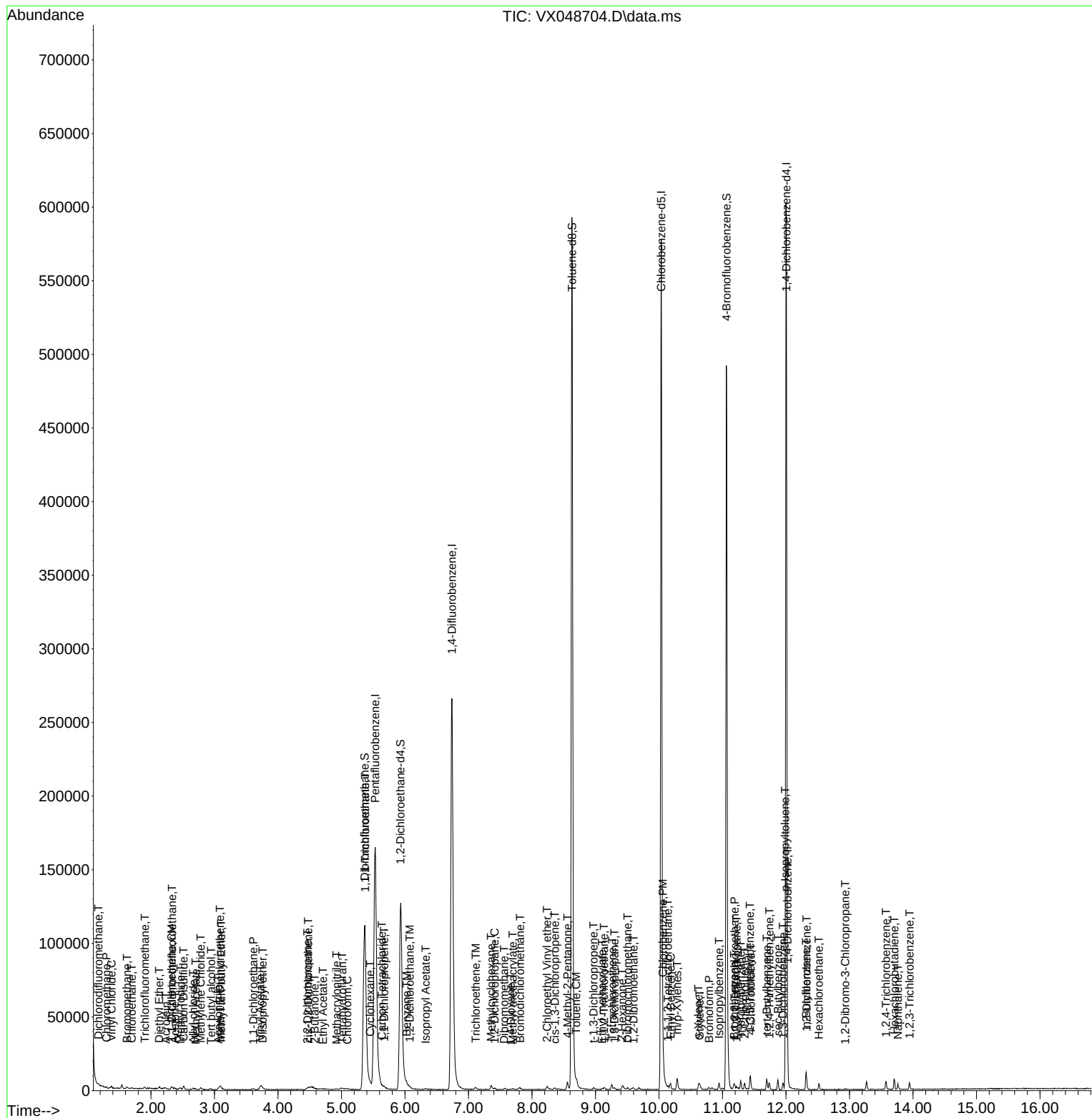
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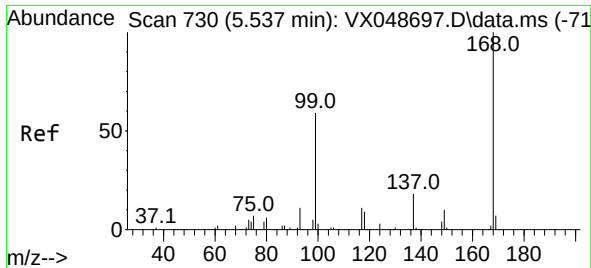
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 ClientSampleId :
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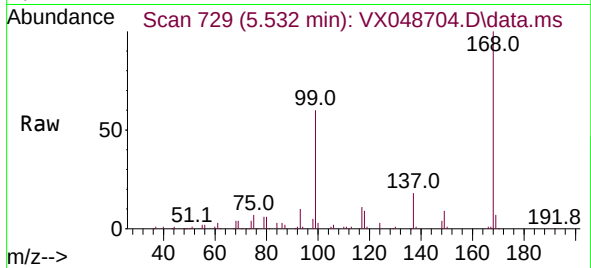
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX048704.D
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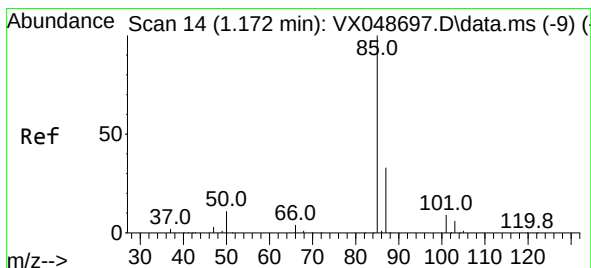
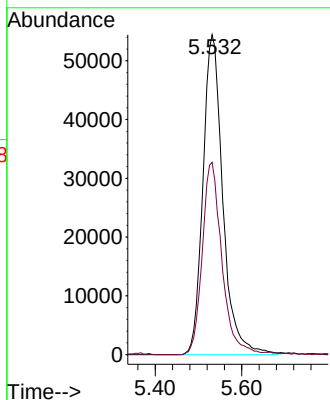
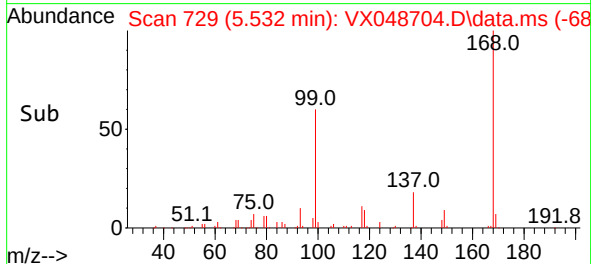
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



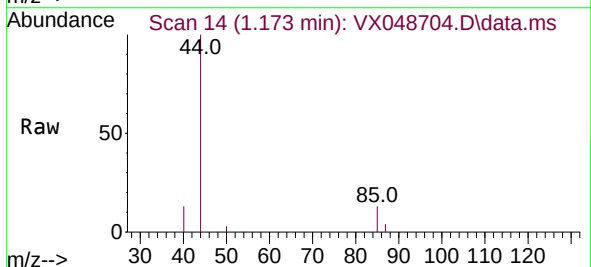
Tgt Ion:168 Resp: 173235
Ion Ratio Lower Upper
168 100
99 60.1 48.3 72.5

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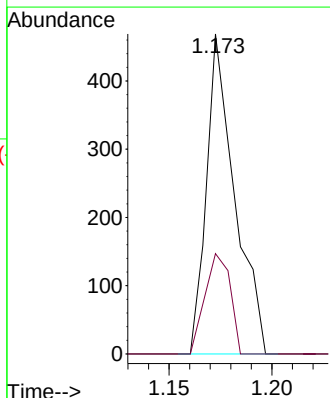
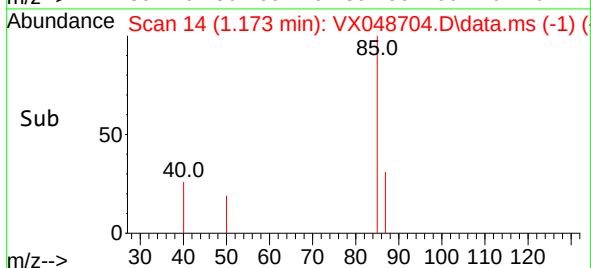
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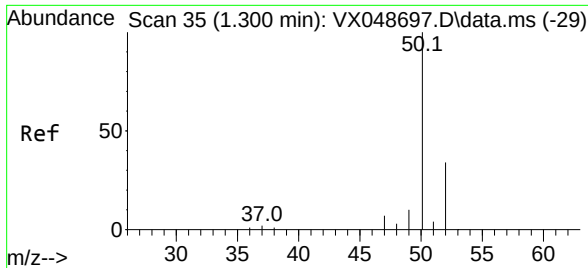


#2
Dichlorodifluoromethane
Concen: 0.223 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



Tgt Ion: 85 Resp: 446
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.7





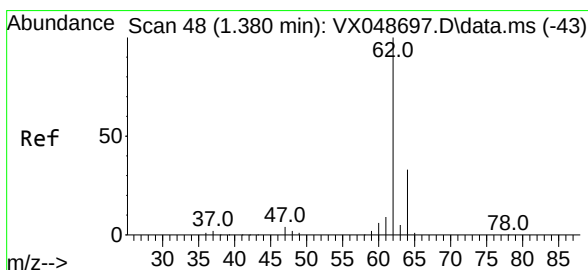
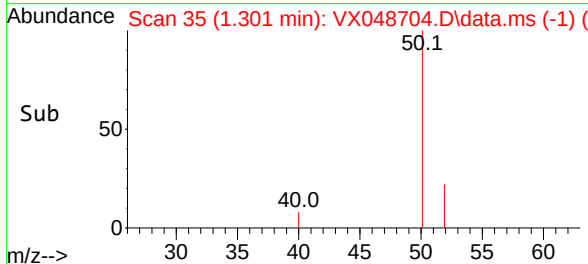
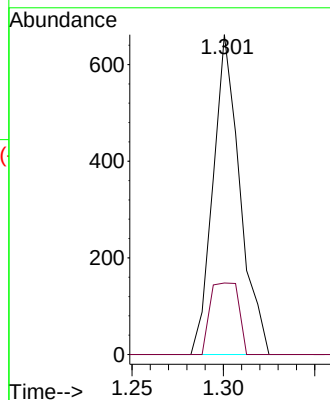
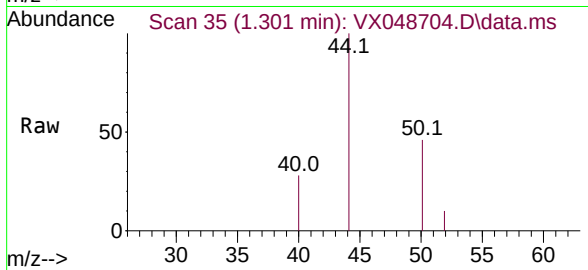
#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048704.D
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Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 50 Resp: 672
Ion Ratio Lower Upper
50 100
52 22.4 26.8 40.2

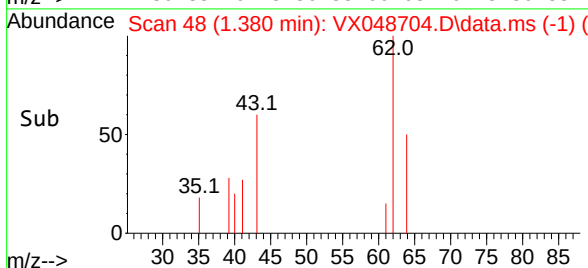
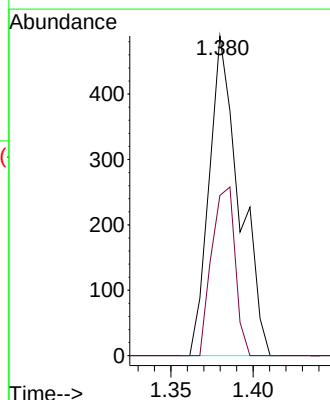
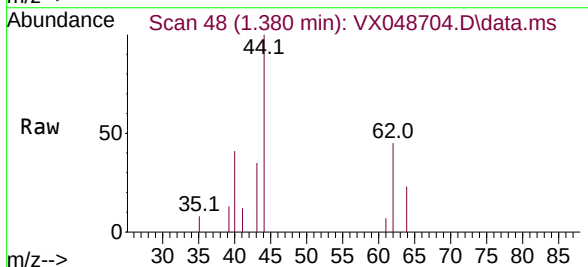
Manual Integrations
APPROVED

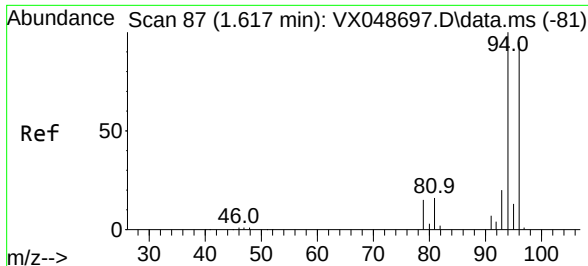
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#4
Vinyl Chloride
Concen: 0.293 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

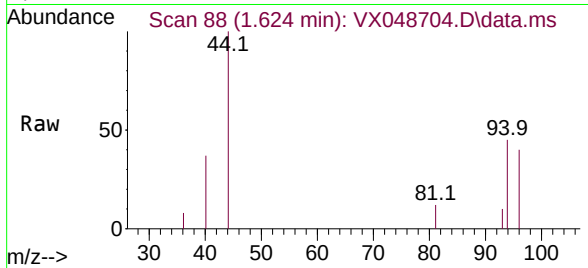
Tgt Ion: 62 Resp: 625
Ion Ratio Lower Upper
62 100
64 50.1 26.7 40.1





#5
Bromomethane
Concen: 0.518 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

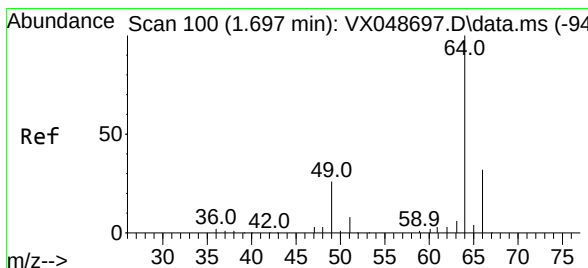
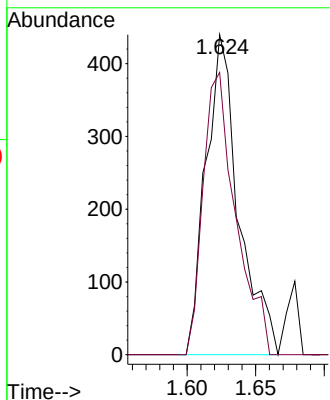
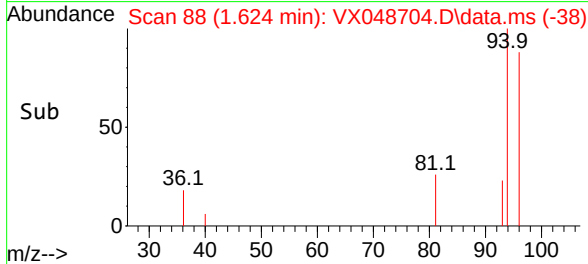
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 734
Ion Ratio Lower Upper
94 100
96 88.2 76.1 114.1

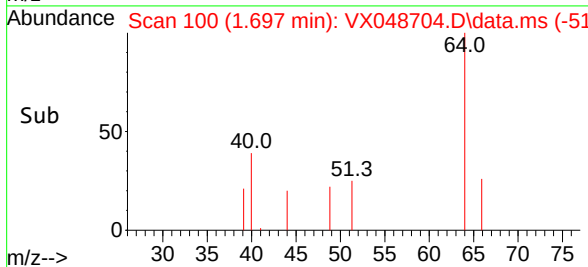
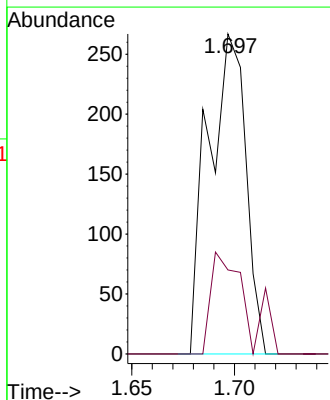
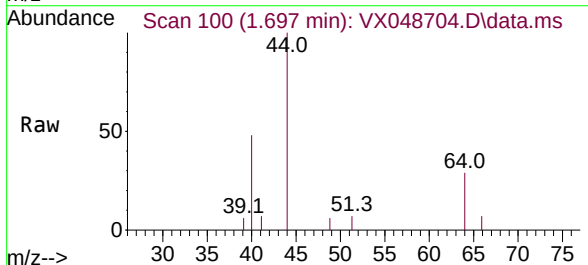
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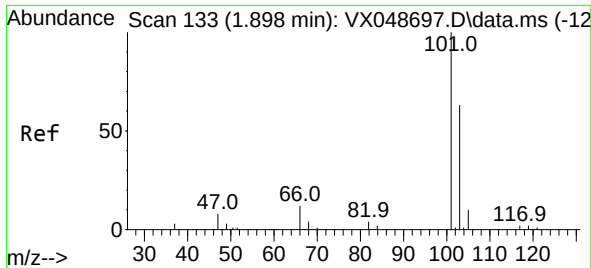
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 0.268 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

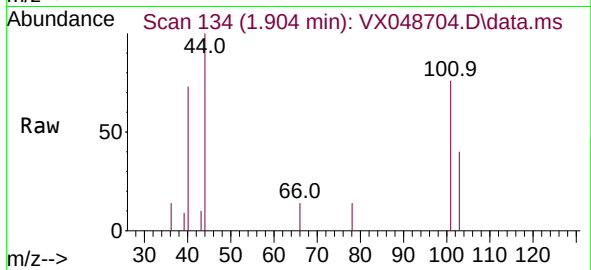
Tgt Ion: 64 Resp: 339
Ion Ratio Lower Upper
64 100
66 26.2 25.2 37.8





#7
Trichlorofluoromethane
Concen: 0.258 ug/l
RT: 1.904 min Scan# 133
Delta R.T. 0.006 min
Lab File: VX048704.D
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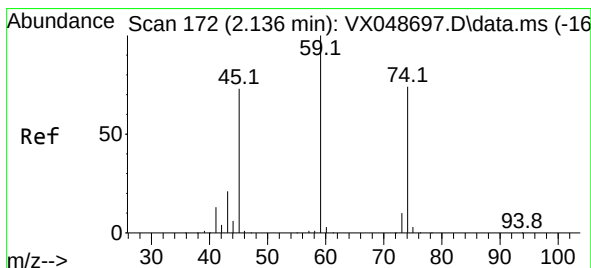
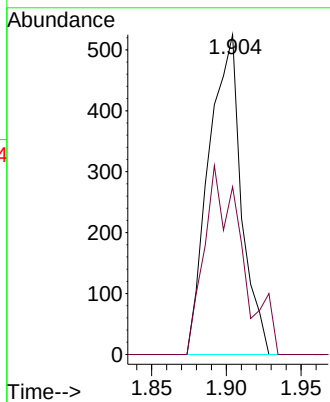
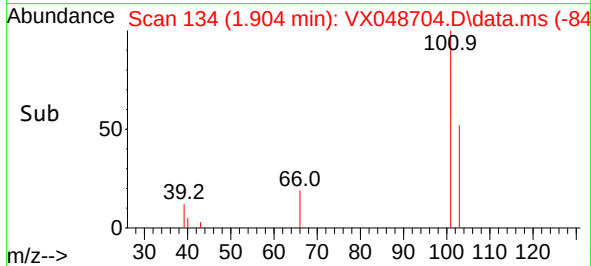
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LOD-MDL-WATER-01-QT3-2025



Tgt Ion:101 Resp: 798
Ion Ratio Lower Upper
101 100
103 52.4 50.5 75.7

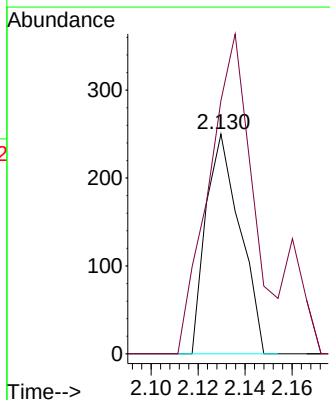
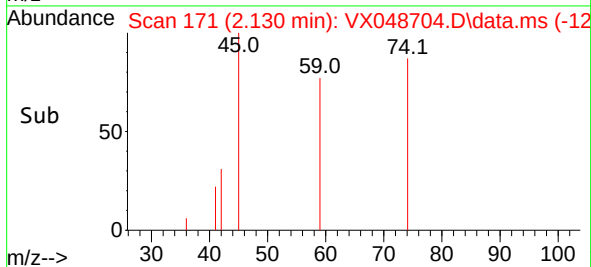
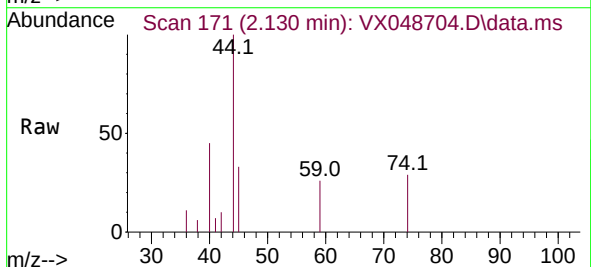
Manual Integrations
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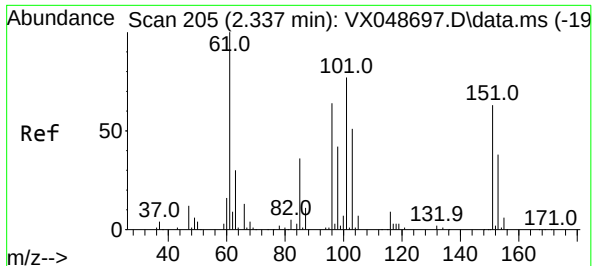
Reviewed By :John Carlone 12/04/2025
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#8
Diethyl Ether
Concen: 0.228 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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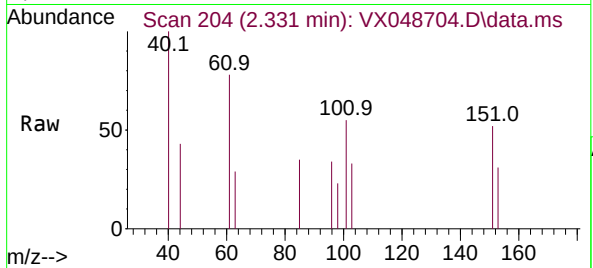
Tgt Ion: 74 Resp: 252
Ion Ratio Lower Upper
74 100
45 186.5 48.1 144.4#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.297 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX048704.D
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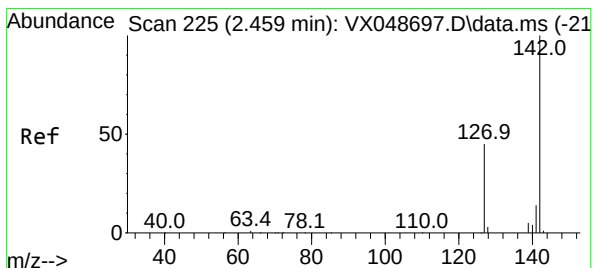
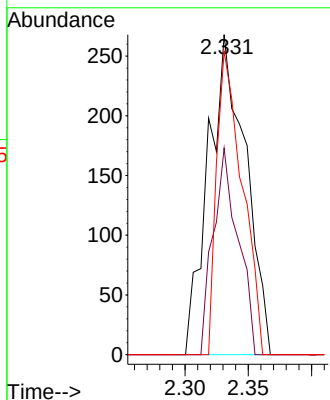
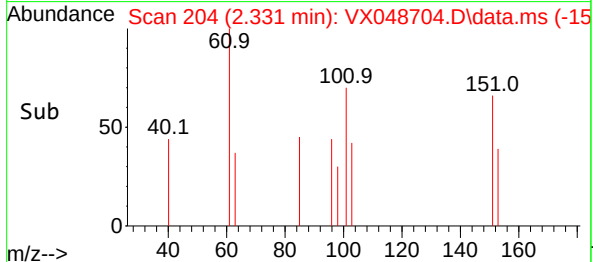
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



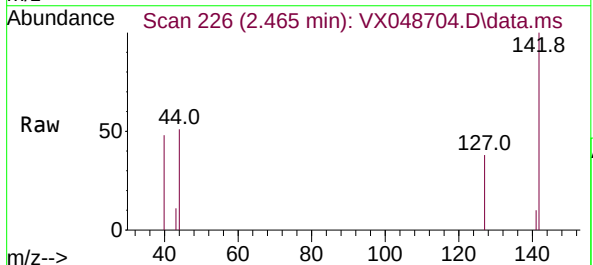
Tgt Ion:101 Resp: 549
Ion Ratio Lower Upper
101 100
85 43.2 35.5 53.3
151 65.0 62.2 93.4

Manual Integrations
APPROVED

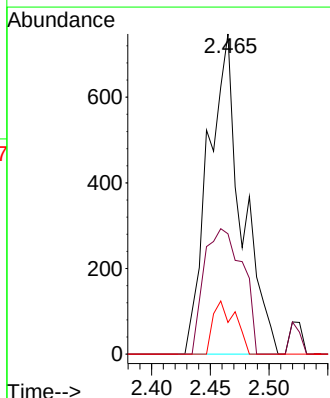
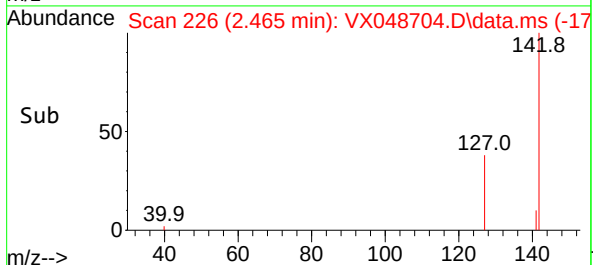
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

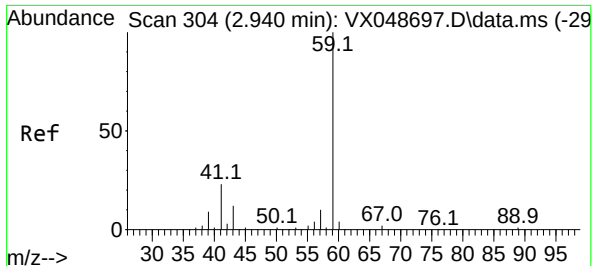


#10
Methyl Iodide
Concen: 0.556 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



Tgt Ion:142 Resp: 1479
Ion Ratio Lower Upper
142 100
127 45.1 36.1 54.1
141 11.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 1.136 ug/l

RT: 2.947 min Scan# 304

Delta R.T. 0.006 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

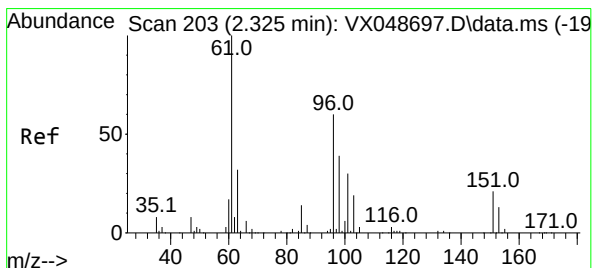
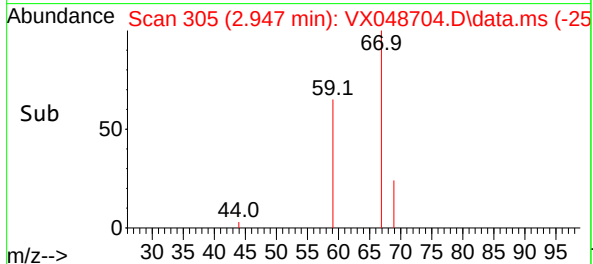
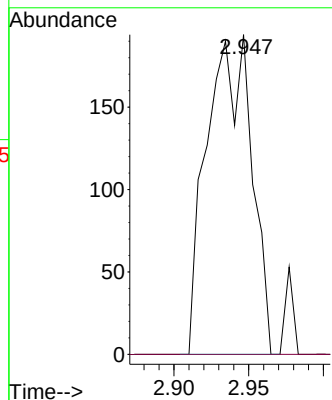
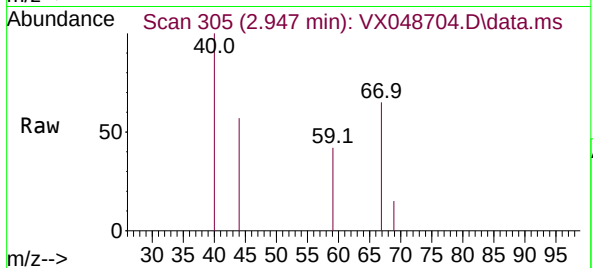
Tgt Ion: 59 Resp: 402
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#12

1,1-Dichloroethene

Concen: 0.239 ug/l

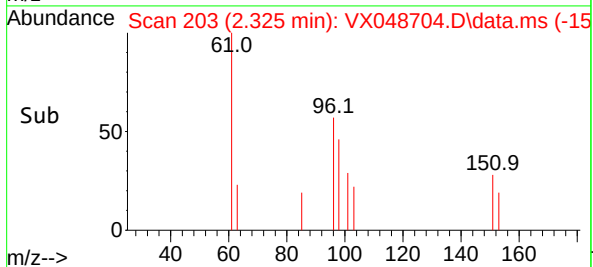
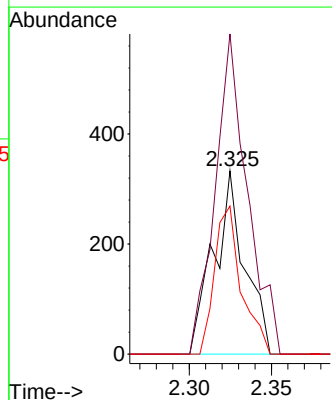
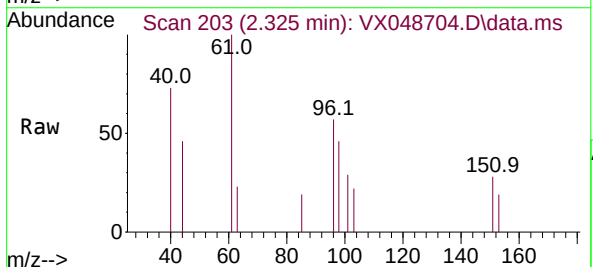
RT: 2.325 min Scan# 203

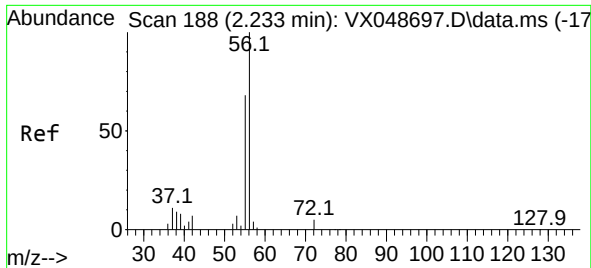
Delta R.T. 0.000 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

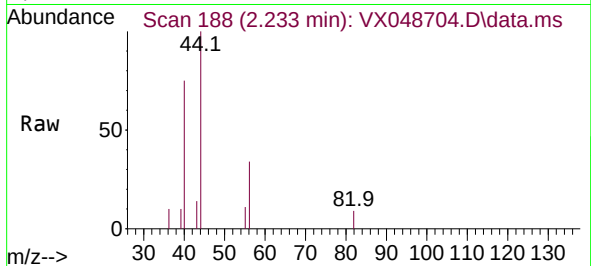
Tgt Ion: 96 Resp: 438
 Ion Ratio Lower Upper
 96 100
 61 174.8 133.5 200.3
 98 80.8 52.2 78.4





#13
Acrolein
Concen: 1.610 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

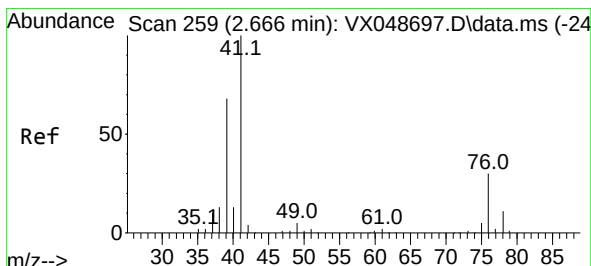
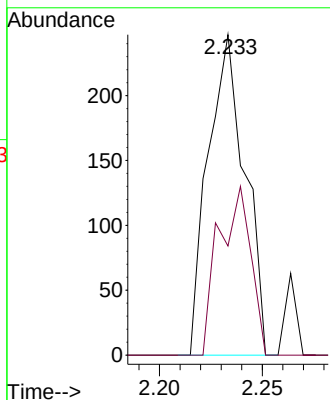
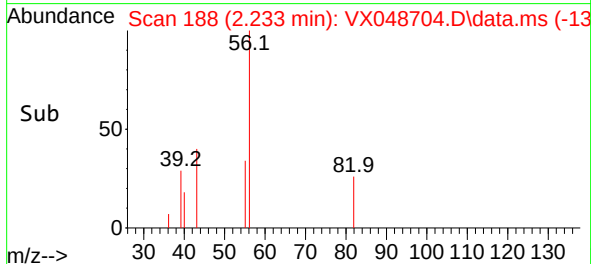
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



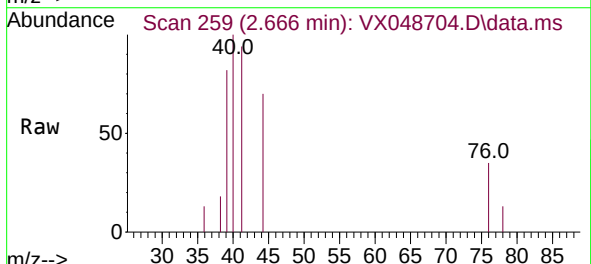
Tgt Ion: 56 Resp: 308
Ion Ratio Lower Upper
56 100
55 45.5 56.2 84.4

Manual Integrations
APPROVED

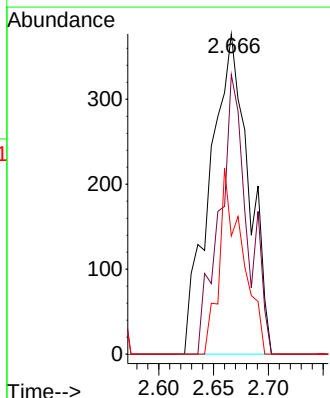
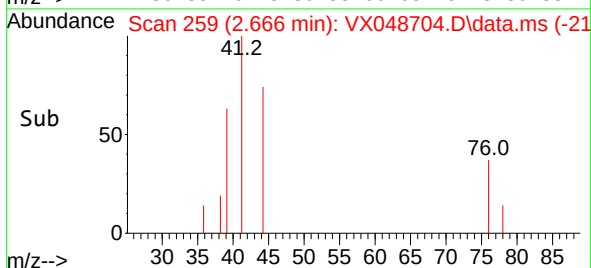
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

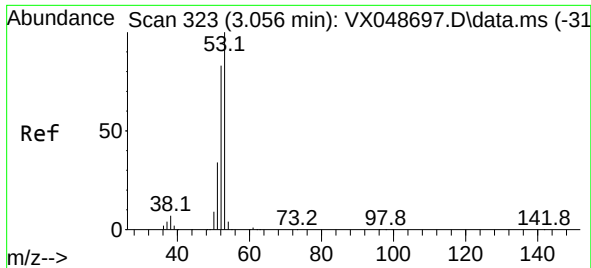


#14
Allyl chloride
Concen: 0.266 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



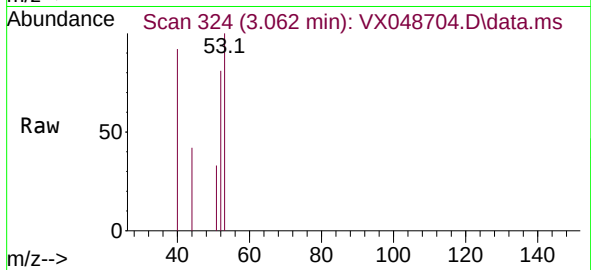
Tgt Ion: 41 Resp: 923
Ion Ratio Lower Upper
41 100
39 63.5 50.7 76.1
76 34.6 27.1 40.7





#15
Acrylonitrile
Concen: 1.175 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

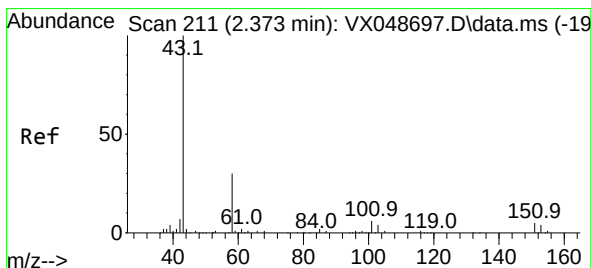
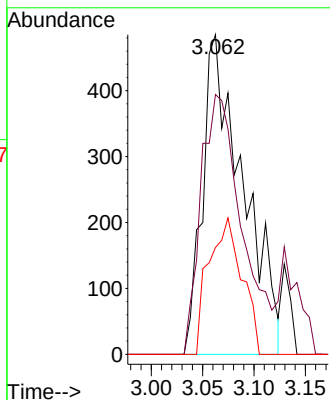
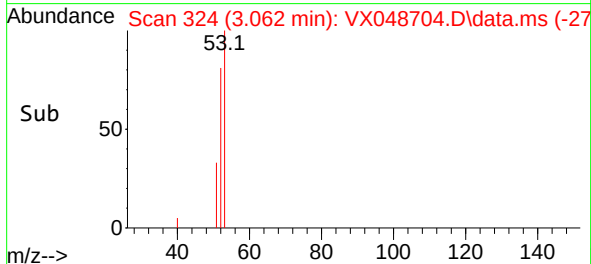
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



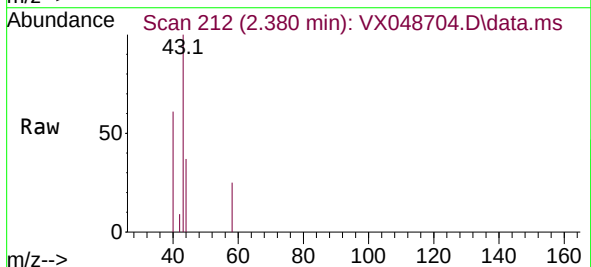
Tgt Ion: 53 Resp: 132
Ion Ratio Lower Upper
53 100
52 82.4 65.4 98.0
51 35.2 28.3 42.5

Manual Integrations
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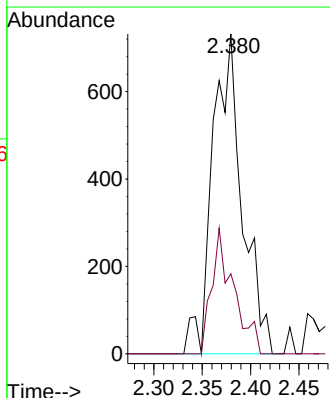
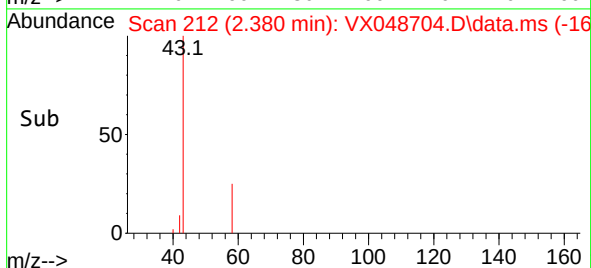
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

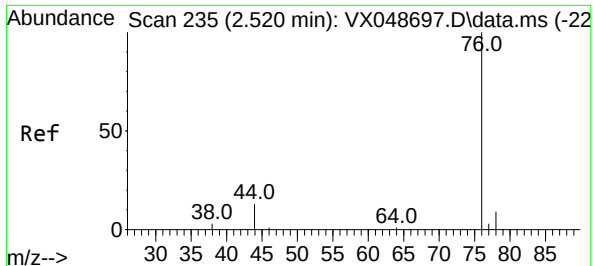


#16
Acetone
Concen: 2.045 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



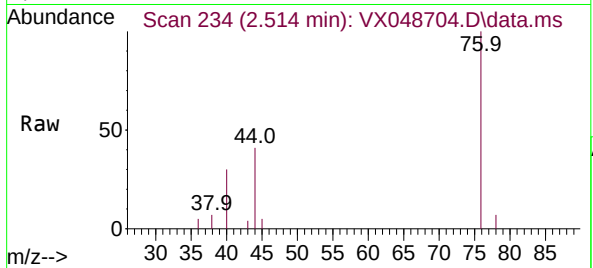
Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
58 25.0 24.9 37.3





#17
Carbon Disulfide
Concen: 0.528 ug/l
RT: 2.514 min Scan# 235
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

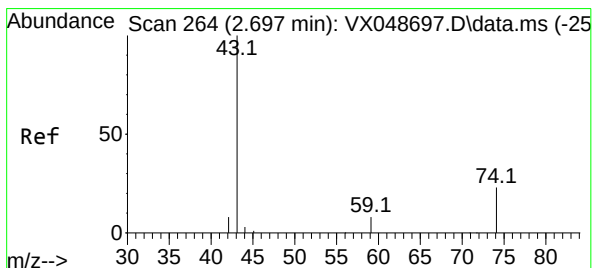
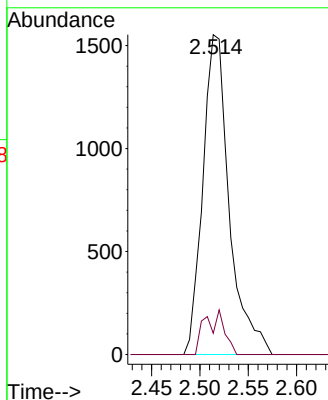
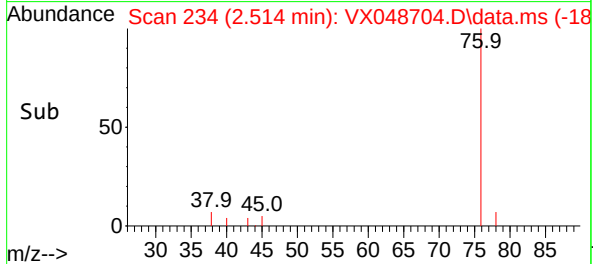
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 76 Resp: 295
Ion Ratio Lower Upper
76 100
78 6.6 7.2 10.8

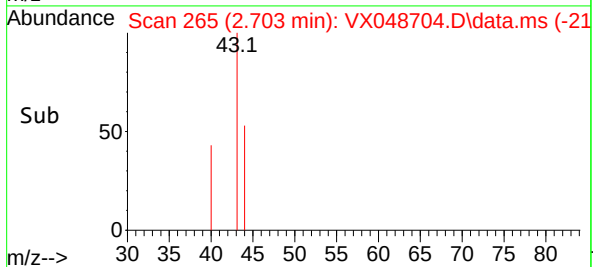
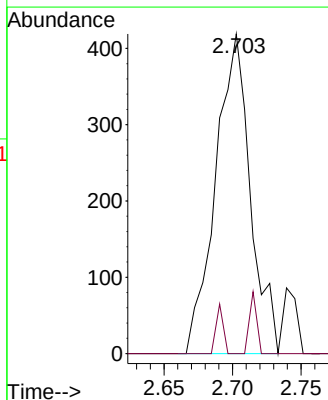
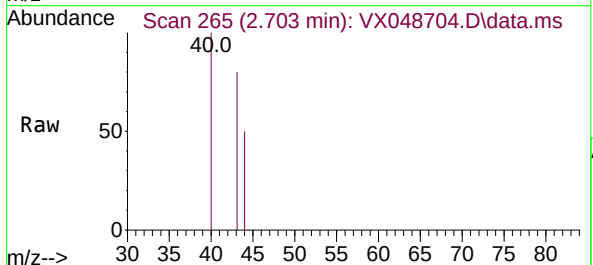
Manual Integrations
APPROVED

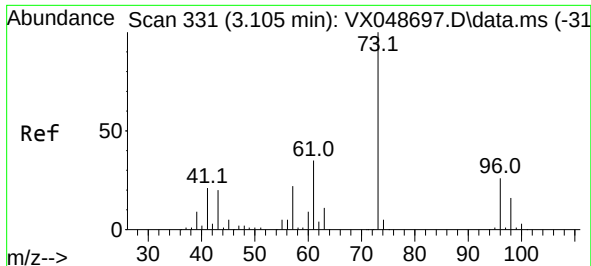
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

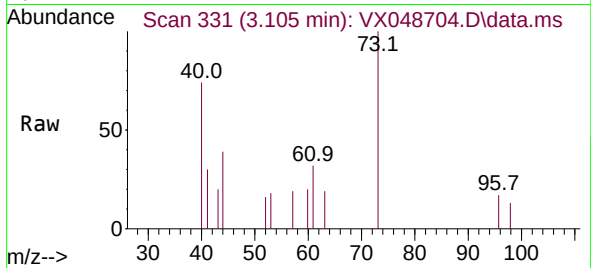
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
74 4.1 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 0.246 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

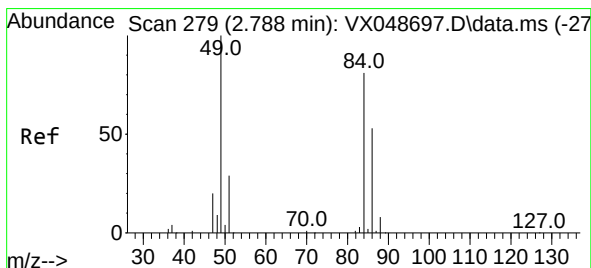
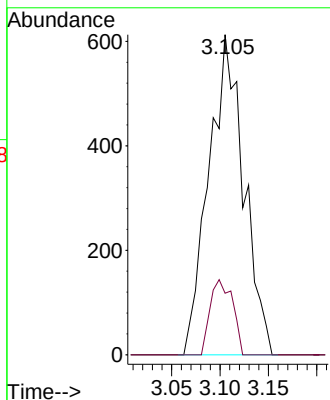
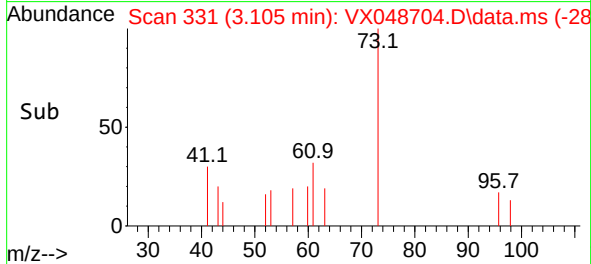
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 73 Resp: 1536
Ion Ratio Lower Upper
73 100
57 19.2 17.5 26.3

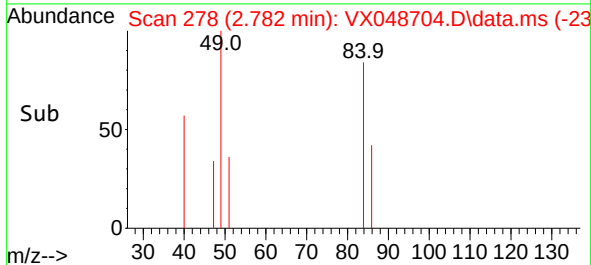
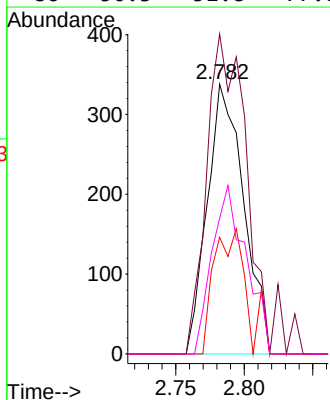
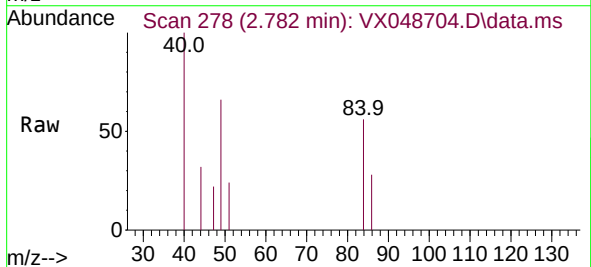
Manual Integrations
APPROVED

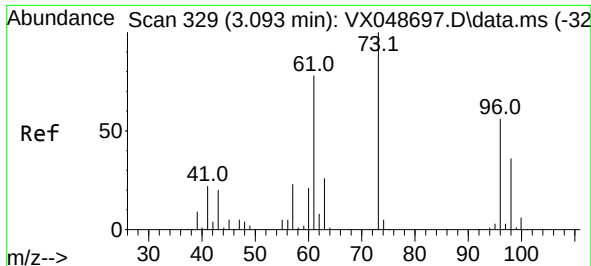
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

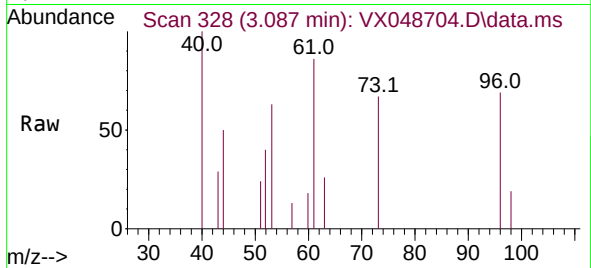
Tgt Ion: 84 Resp: 626
Ion Ratio Lower Upper
84 100
49 118.6 98.6 148.0
51 43.2 28.7 43.1#
86 50.3 51.8 77.8#





#21
trans-1,2-Dichloroethene
Concen: 0.367 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

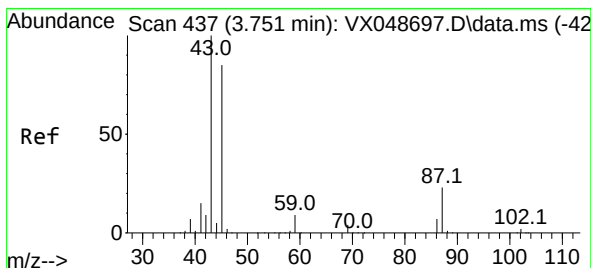
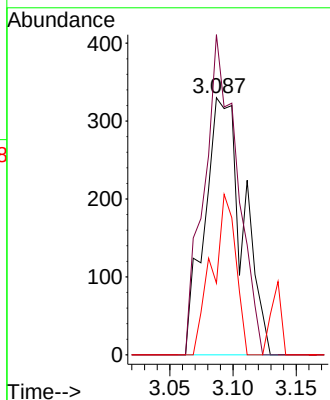
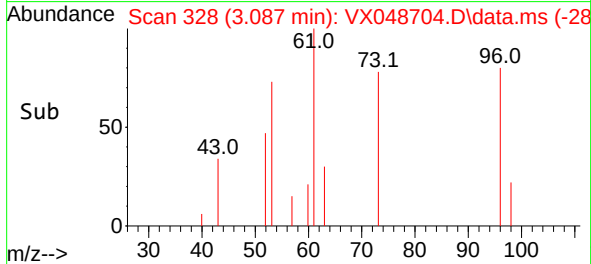
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96 Resp: 696
Ion Ratio Lower Upper
96 100
61 124.5 110.6 166.0
98 27.9 51.1 76.7

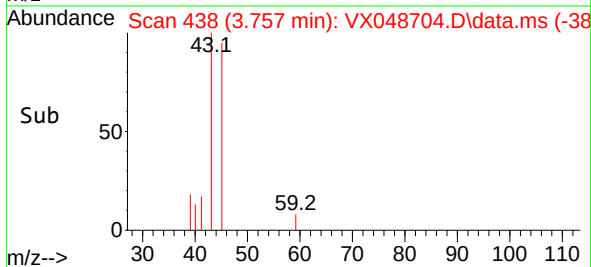
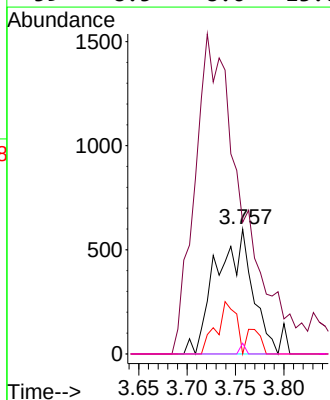
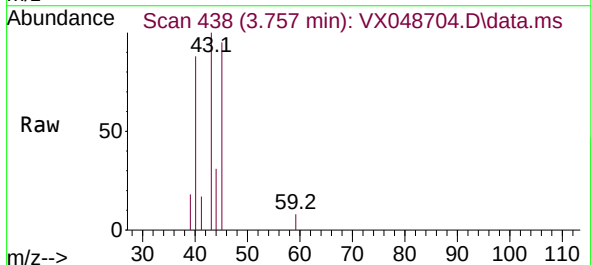
Manual Integrations
APPROVED

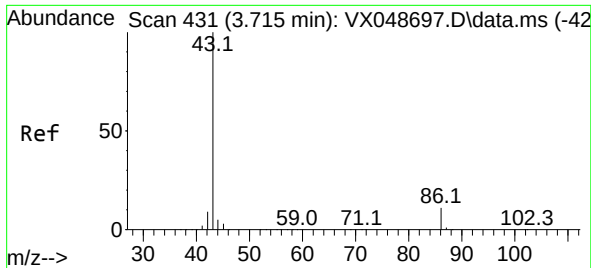
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 0.250 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Tgt Ion: 45 Resp: 1556
Ion Ratio Lower Upper
45 100
43 85.6 94.6 141.8#
87 0.0 21.7 32.5#
59 8.5 8.6 13.0#





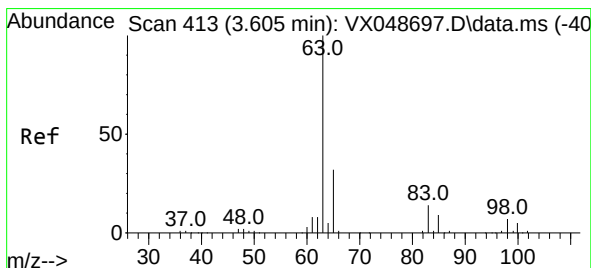
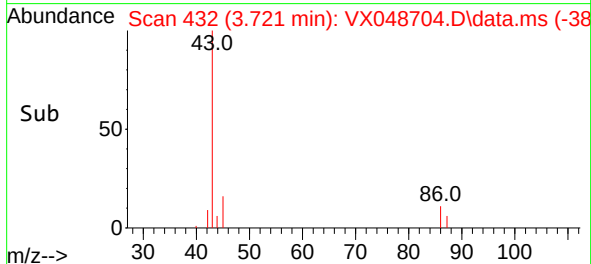
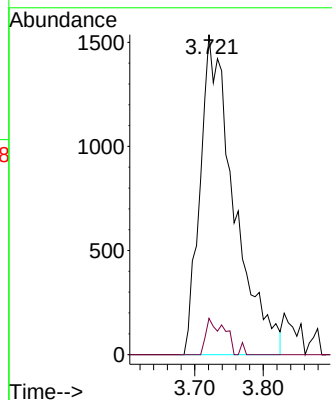
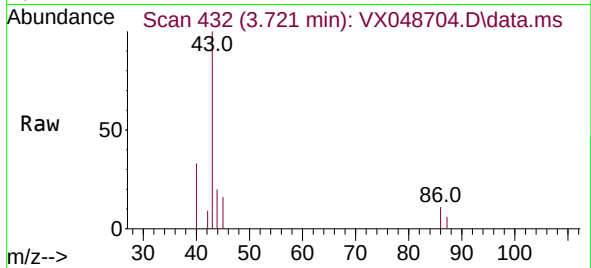
#23
 Vinyl Acetate
 Concen: 0.975 ug/l
 RT: 3.721 min Scan# 431
 Delta R.T. 0.006 min
 Lab File: VX048704.D
 Acq: 03 Dec 2025 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 5272
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8

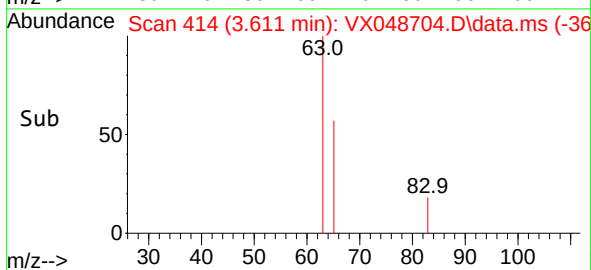
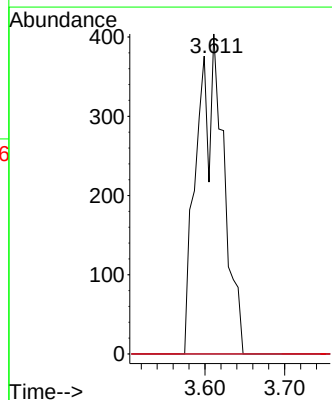
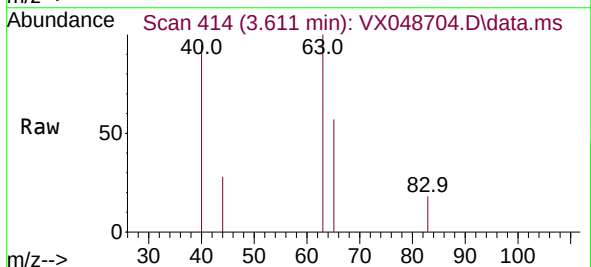
Manual Integrations
 APPROVED

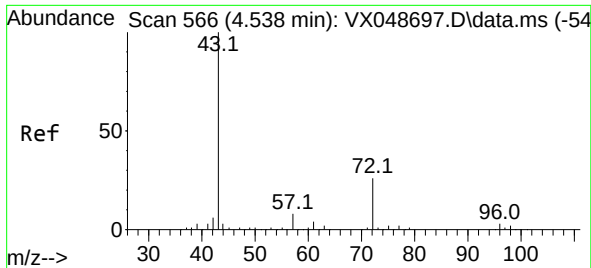
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#24
 1,1-Dichloroethane
 Concen: 0.262 ug/l m
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048704.D
 Acq: 03 Dec 2025 14:38

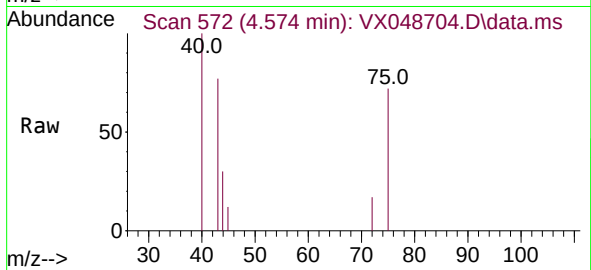
Tgt Ion: 63 Resp: 928
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.5#
 100 0.0 2.3 6.9#





#25
2-Butanone
Concen: 1.382 ug/l m
RT: 4.574 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

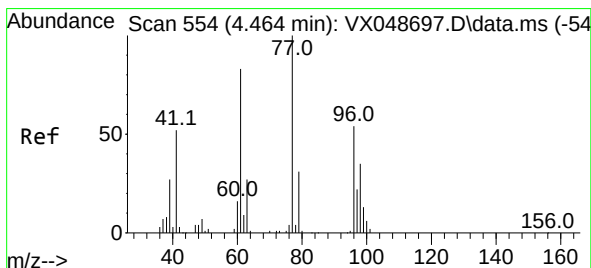
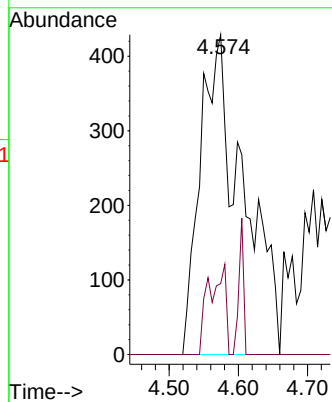
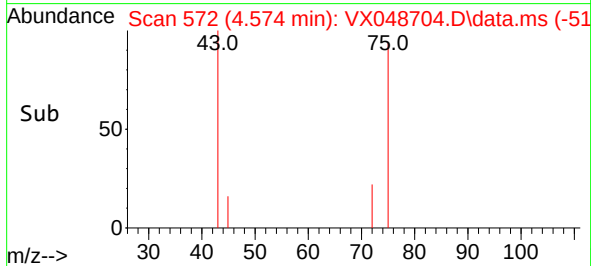
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



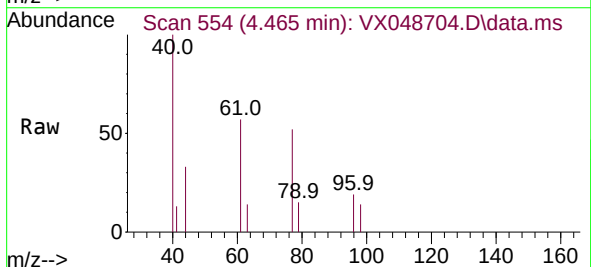
Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
72 22.1 20.6 31.0

Manual Integrations
APPROVED

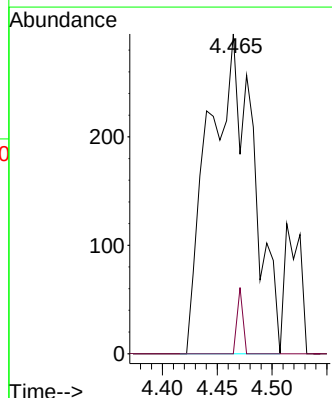
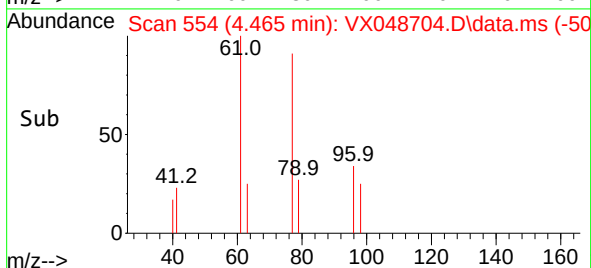
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

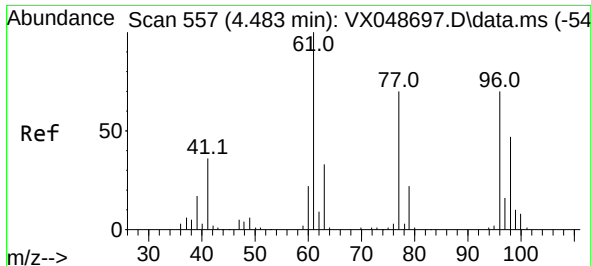


#26
2,2-Dichloropropane
Concen: 0.257 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



Tgt Ion: 77 Resp: 839
Ion Ratio Lower Upper
77 100
97 2.6 11.4 34.2#





#27

cis-1,2-Dichloroethene

Concen: 0.234 ug/l

RT: 4.477 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX048704.D

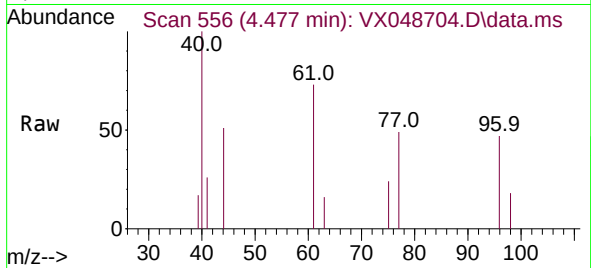
Acq: 03 Dec 2025 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

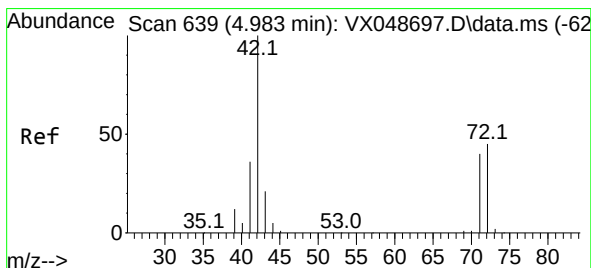
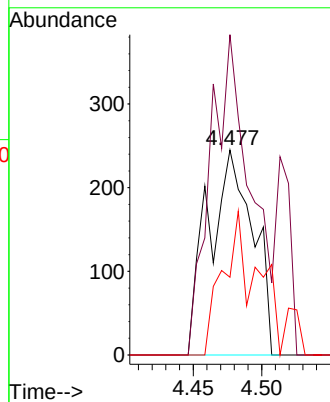
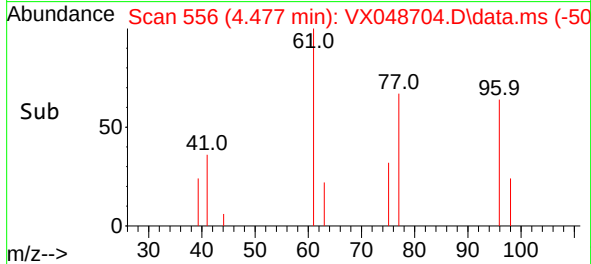


Tgt Ion: 96	Resp: 558
Ion Ratio	Lower Upper
96	100
61	140.5 0.0 291.6
98	60.9 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#29

Tetrahydrofuran

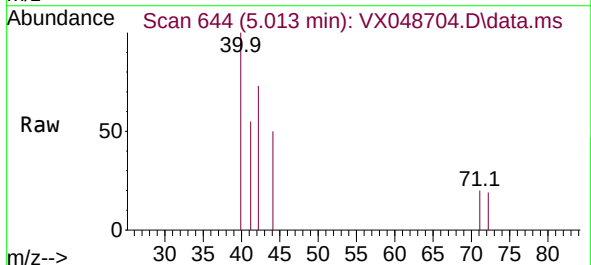
Concen: 1.360 ug/l m

RT: 5.013 min Scan# 644

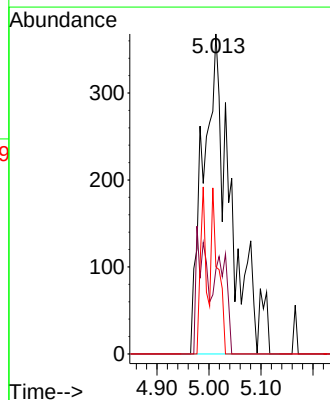
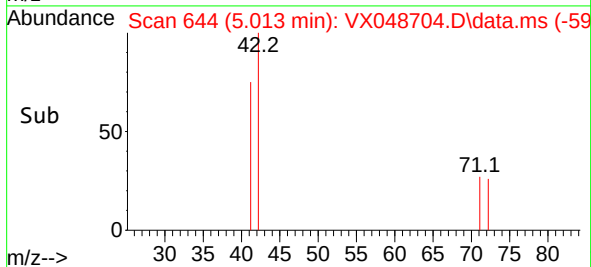
Delta R.T. 0.031 min

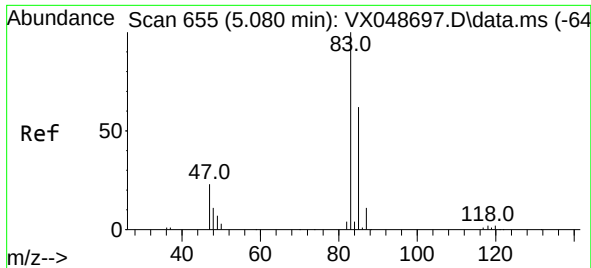
Lab File: VX048704.D

Acq: 03 Dec 2025 14:38



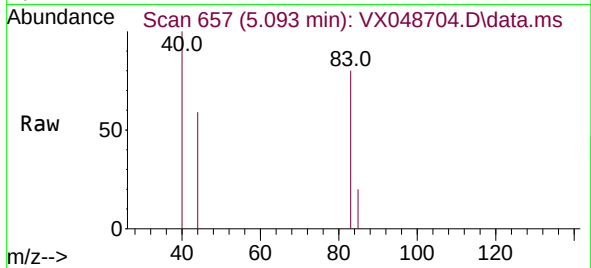
Tgt Ion: 42	Resp: 1379
Ion Ratio	Lower Upper
42	100
72	0.0 36.6 55.0#
71	12.3 33.0 49.6#





#30
Chloroform
Concen: 0.291 ug/l m
RT: 5.093 min Scan# 611
Delta R.T. 0.012 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

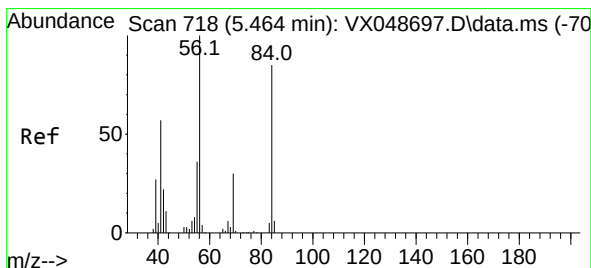
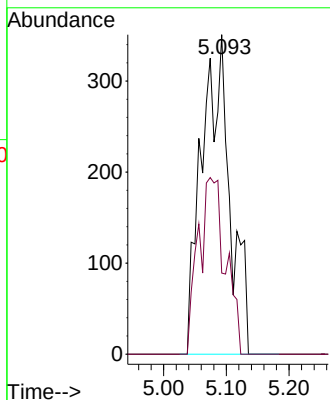
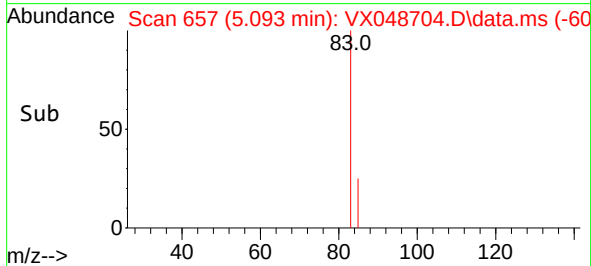
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



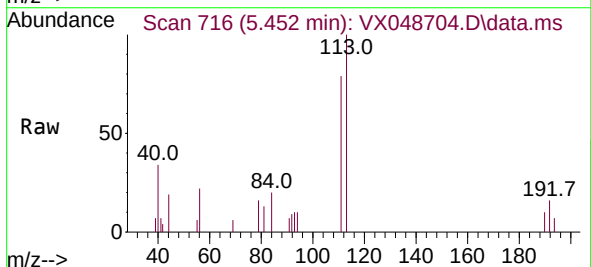
Tgt Ion: 83 Resp: 1091
Ion Ratio Lower Upper
83 100
85 25.4 49.6 74.4

Manual Integrations
APPROVED

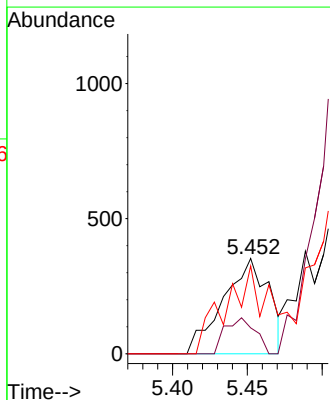
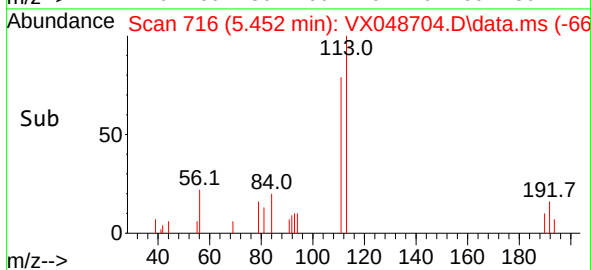
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

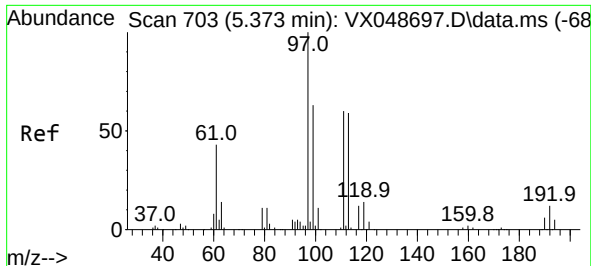


#31
Cyclohexane
Concen: 0.249 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



Tgt Ion: 56 Resp: 750
Ion Ratio Lower Upper
56 100
69 27.2 24.2 36.4
84 92.1 68.2 102.2





#32

1,1,1-Trichloroethane

Concen: 0.252 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

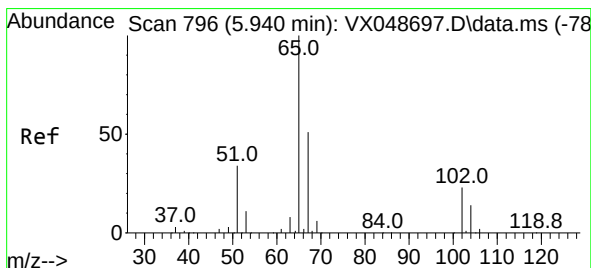
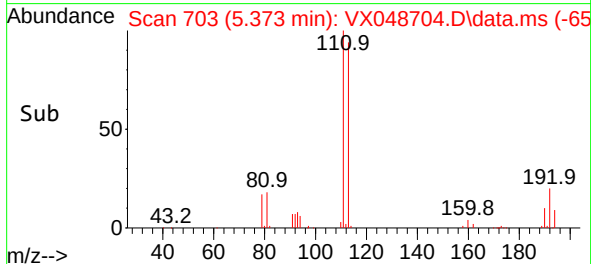
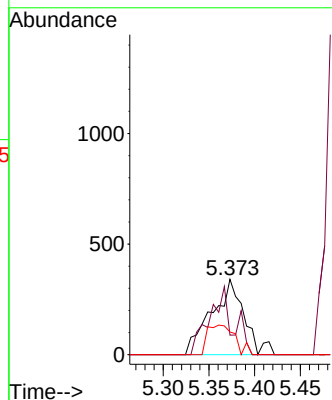
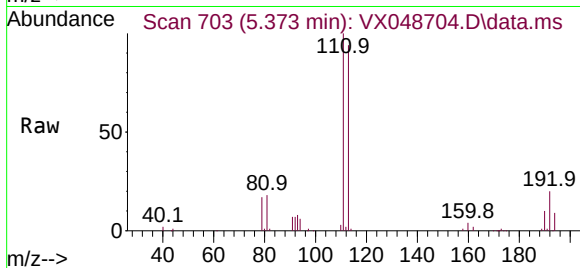
Tgt Ion: 97	Resp: 850
Ion Ratio	Lower Upper
97	100
99	0.0 50.2 75.4
61	32.9 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#33

1,2-Dichloroethane-d4

Concen: 61.481 ug/l

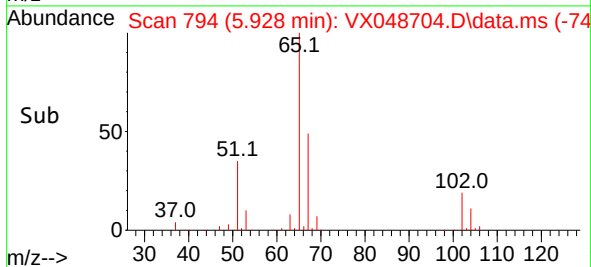
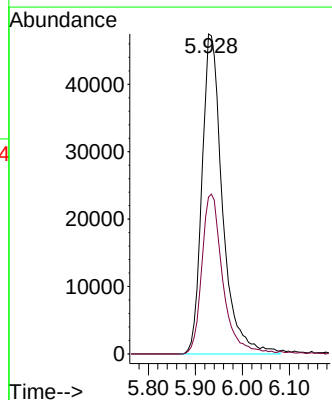
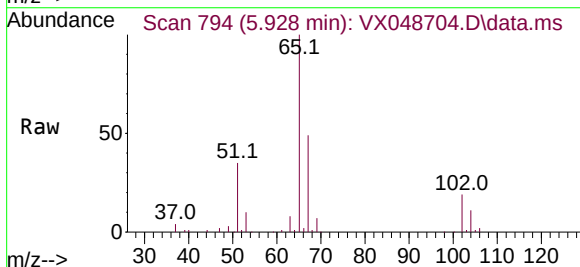
RT: 5.928 min Scan# 794

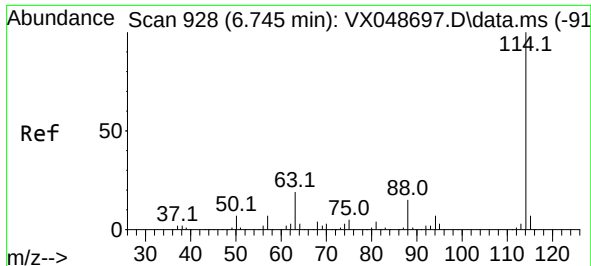
Delta R.T. -0.012 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

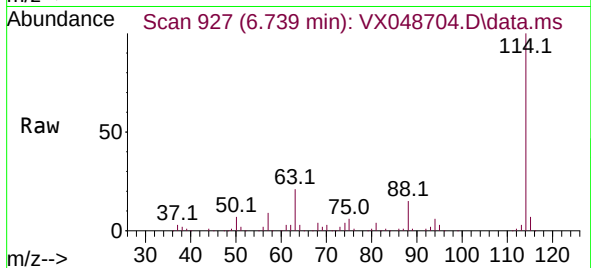
Tgt Ion: 65	Resp: 143799
Ion Ratio	Lower Upper
65	100
67	51.1 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

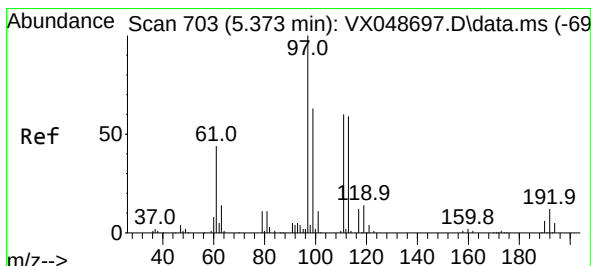
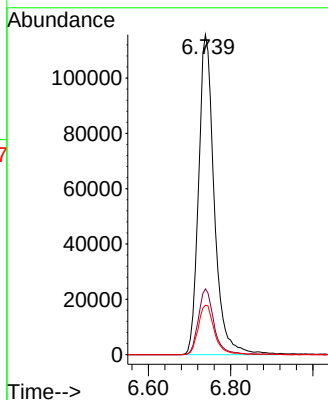
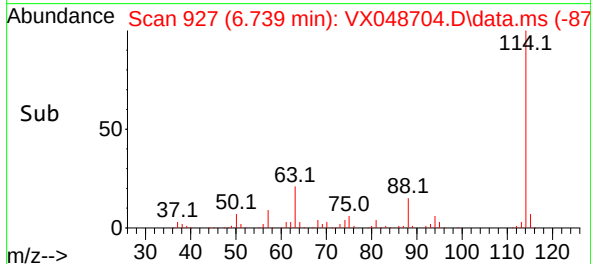
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:114 Resp: 305450
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.0
88 15.4 0.0 31.0

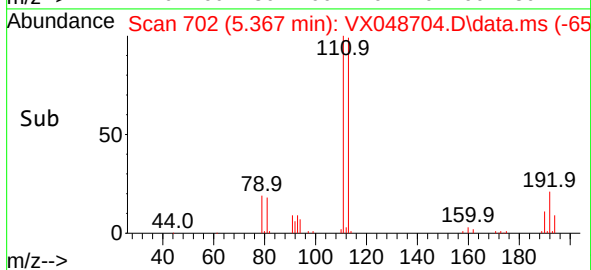
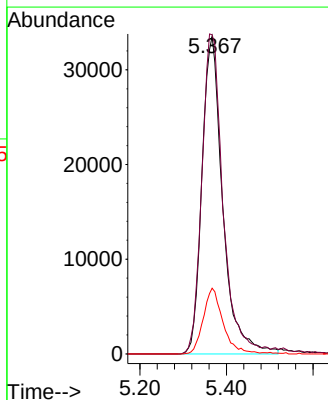
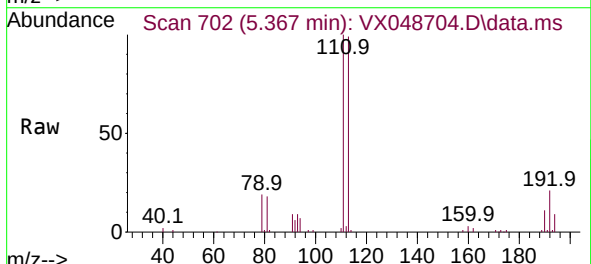
Manual Integrations
APPROVED

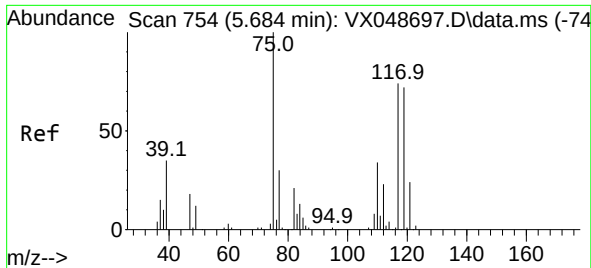
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#35
Dibromofluoromethane
Concen: 53.605 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Tgt Ion:113 Resp: 111602
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.6 15.5 23.3





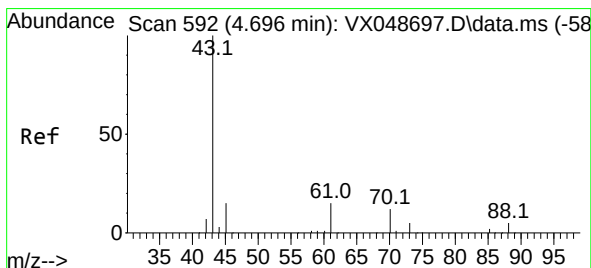
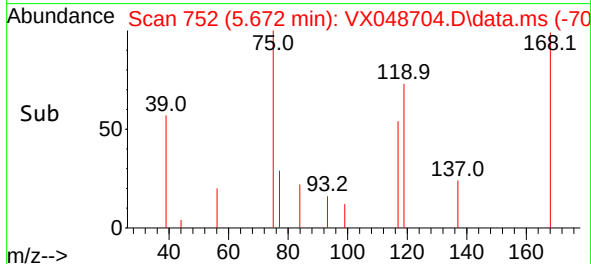
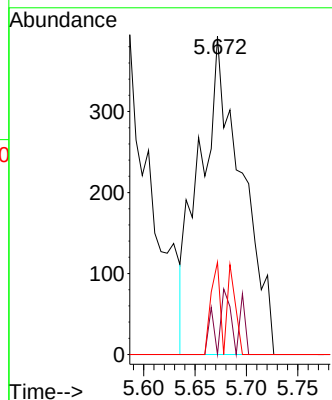
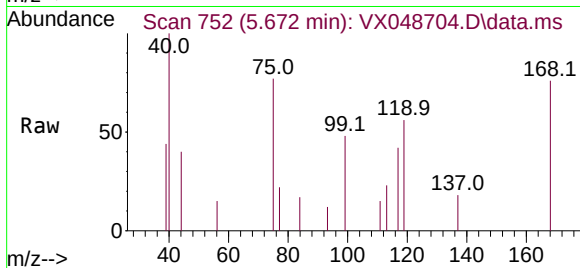
#36
1,1-Dichloropropene
Concen: 0.397 ug/l
RT: 5.672 min Scan# 754
Delta R.T. -0.012 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 1118
Ion Ratio Lower Upper
75 100
110 6.4 17.3 51.9#
77 6.3 24.9 37.3#

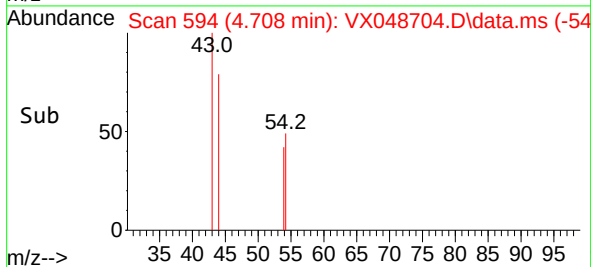
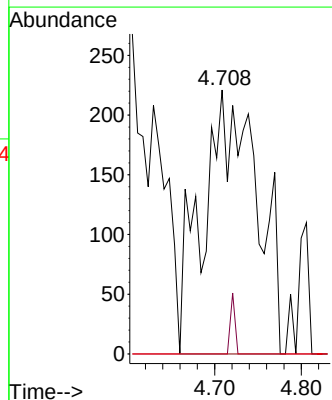
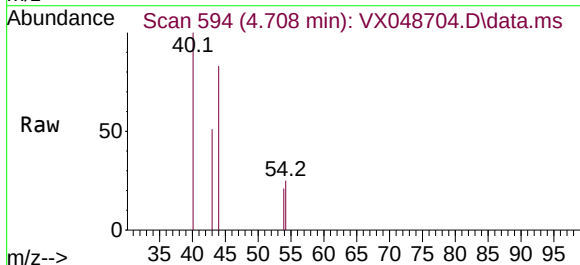
Manual Integrations
APPROVED

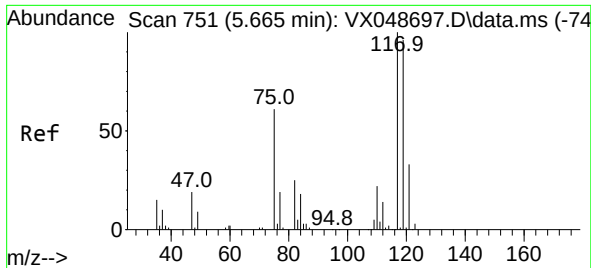
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#37
Ethyl Acetate
Concen: 0.268 ug/l m
RT: 4.708 min Scan# 594
Delta R.T. 0.012 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

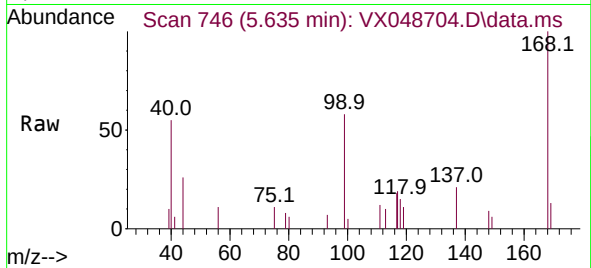
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
61 0.0 9.4 14.0#
70 0.0 7.3 10.9#





#38
Carbon Tetrachloride
Concen: 0.299 ug/l m
RT: 5.635 min Scan# 74
Delta R.T. -0.030 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

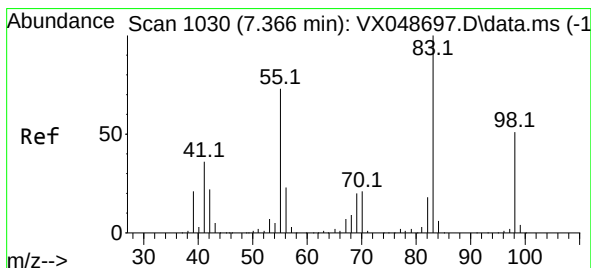
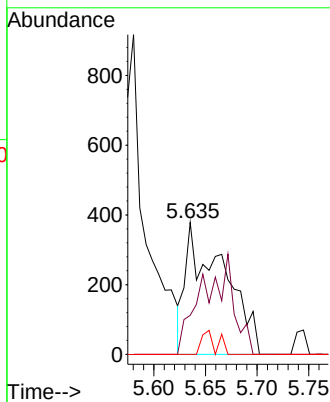
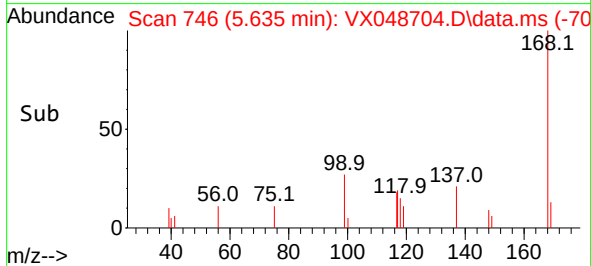
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:117 Resp: 965
Ion Ratio Lower Upper
117 100
119 57.7 76.0 114.0
121 0.0 26.1 39.1

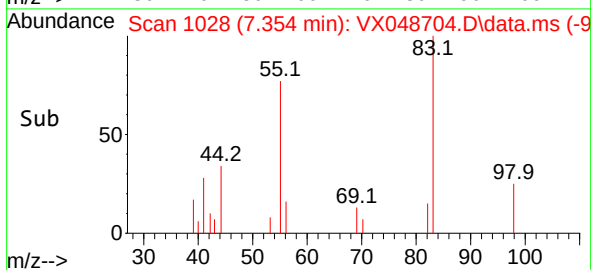
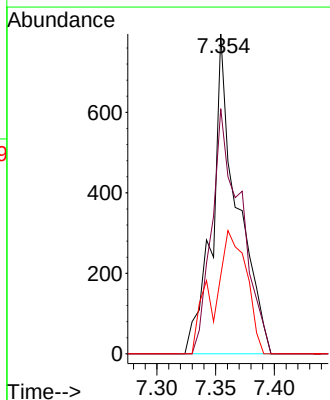
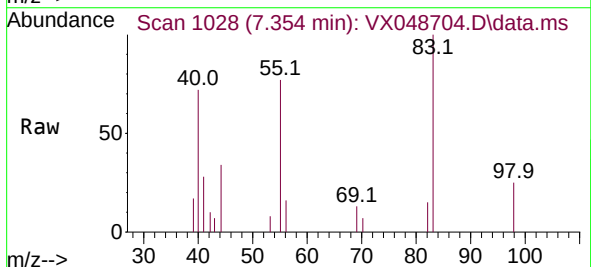
Manual Integrations
APPROVED

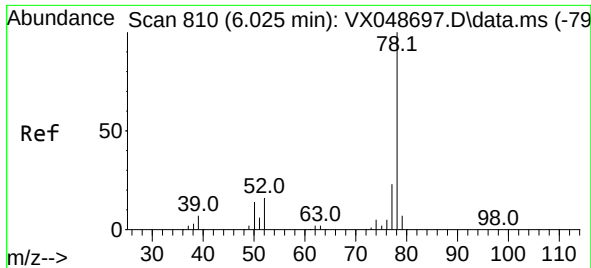
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#39
Methylcyclohexane
Concen: 0.355 ug/l
RT: 7.354 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

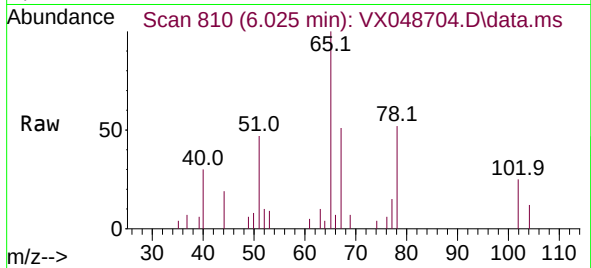
Tgt Ion: 83 Resp: 1164
Ion Ratio Lower Upper
83 100
55 76.6 58.2 87.2
98 24.5 41.2 61.8





#40
Benzene
Concen: 0.282 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

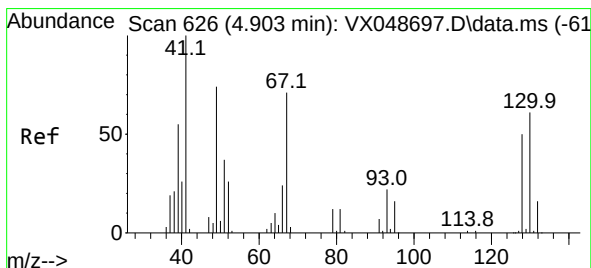
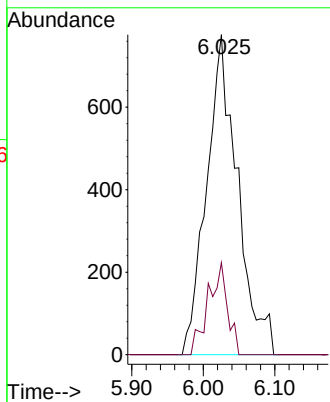
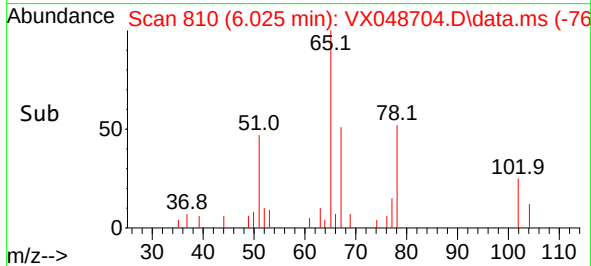
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



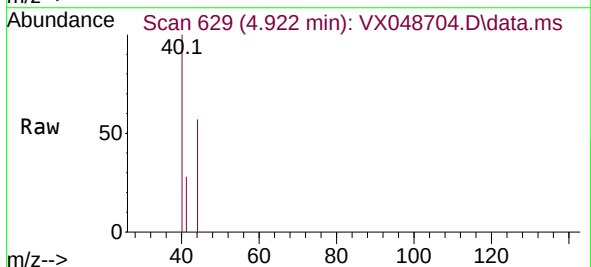
Tgt Ion: 78 Resp: 2329
Ion Ratio Lower Upper
78 100
77 28.7 18.5 27.7

Manual Integrations
APPROVED

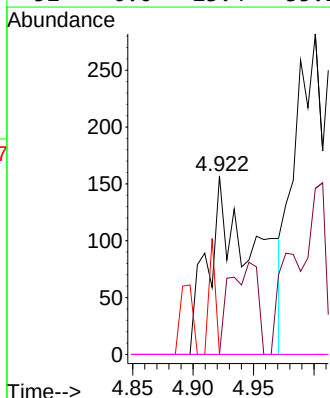
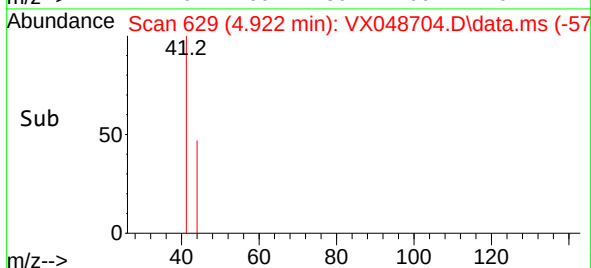
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

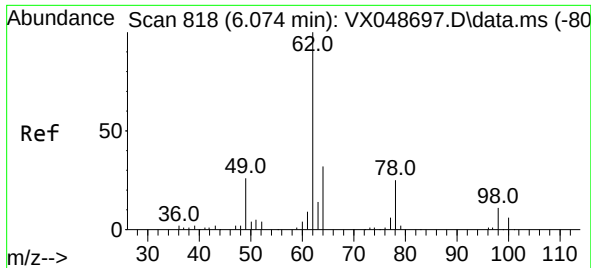


#41
Methacrylonitrile
Concen: 0.264 ug/l m
RT: 4.922 min Scan# 629
Delta R.T. 0.018 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



Tgt Ion: 41 Resp: 426
Ion Ratio Lower Upper
41 100
39 0.0 44.9 67.3#
67 8.7 63.7 95.5#
52 0.0 23.4 35.2#





#42

1,2-Dichloroethane

Concen: 0.307 ug/l

RT: 6.074 min Scan# 818

Delta R.T. 0.000 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

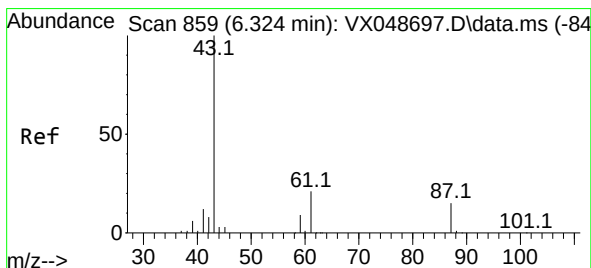
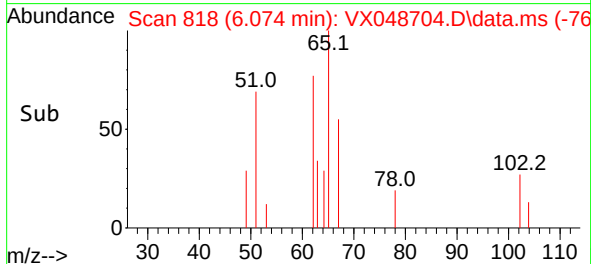
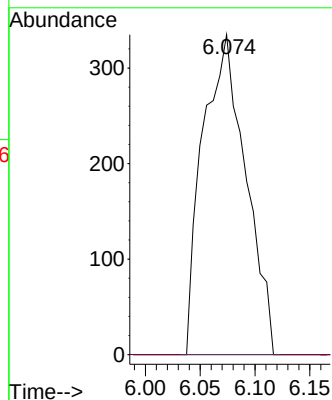
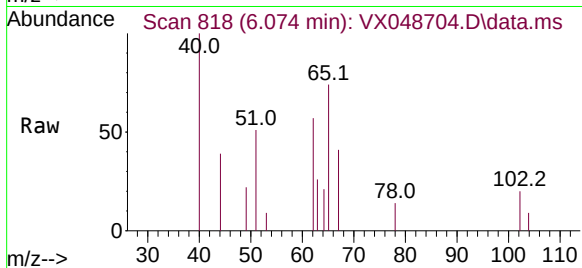
Tgt Ion: 62 Resp: 912
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 20.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#43

Isopropyl Acetate

Concen: 0.207 ug/l

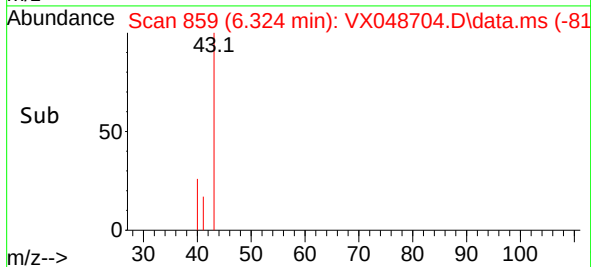
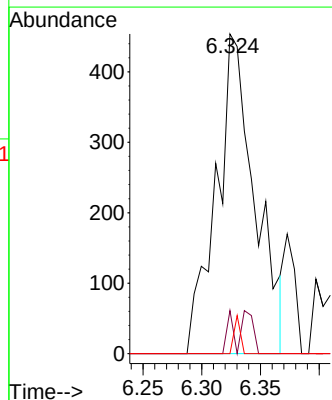
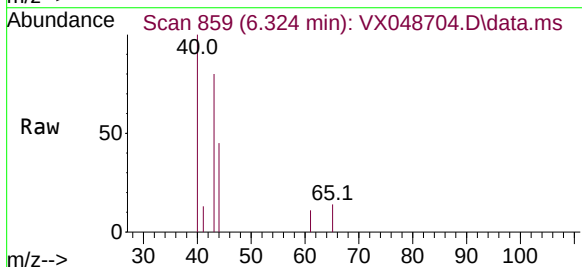
RT: 6.324 min Scan# 859

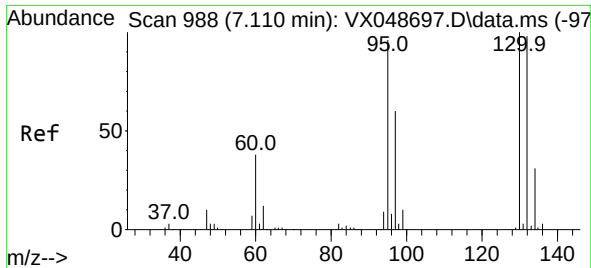
Delta R.T. 0.000 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

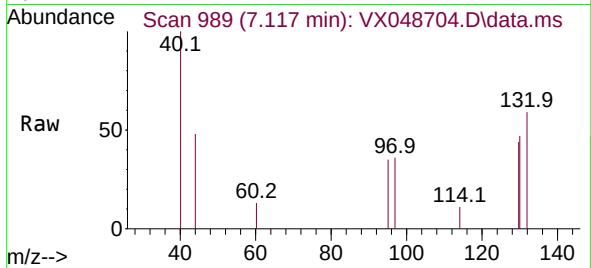
Tgt Ion: 43 Resp: 1037
 Ion Ratio Lower Upper
 43 100
 61 6.2 17.3 25.9#
 87 1.9 11.8 17.6#





#44
Trichloroethene
Concen: 0.330 ug/l
RT: 7.117 min Scan# 988
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

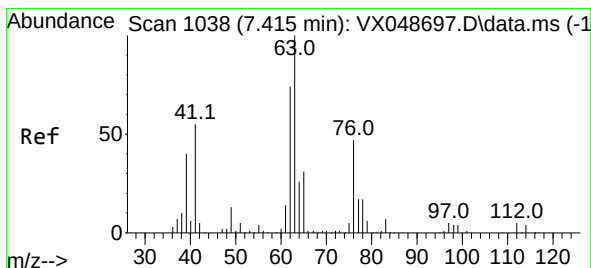
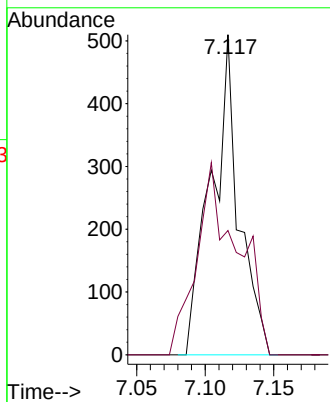
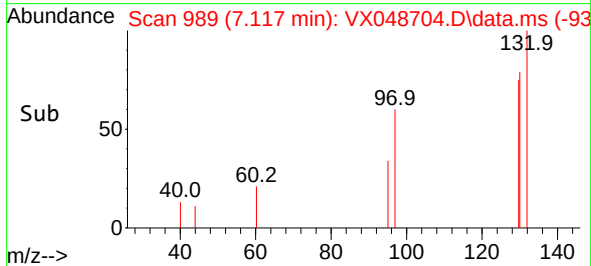
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



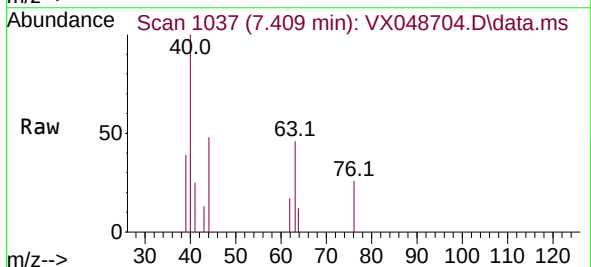
Tgt Ion:130 Resp: 718
Ion Ratio Lower Upper
130 100
95 38.8 0.0 192.0

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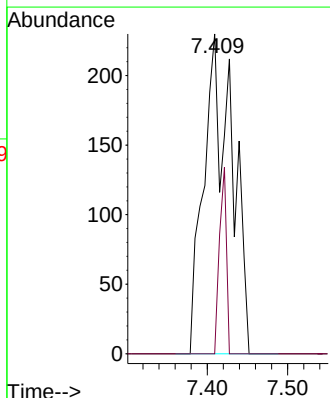
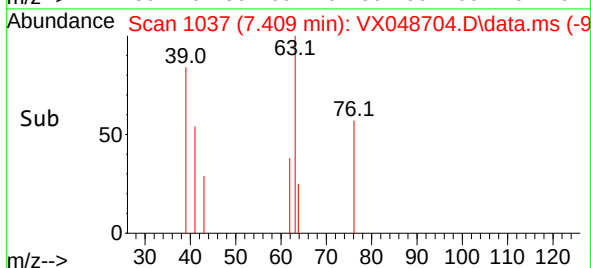
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

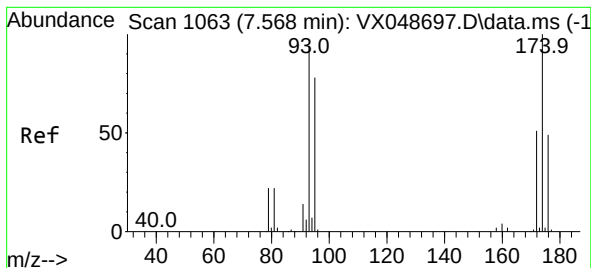


#45
1,2-Dichloropropane
Concen: 0.275 ug/l m
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



Tgt Ion: 63 Resp: 556
Ion Ratio Lower Upper
63 100
65 0.0 25.2 37.8#





#46

Dibromomethane

Concen: 0.311 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048704.D

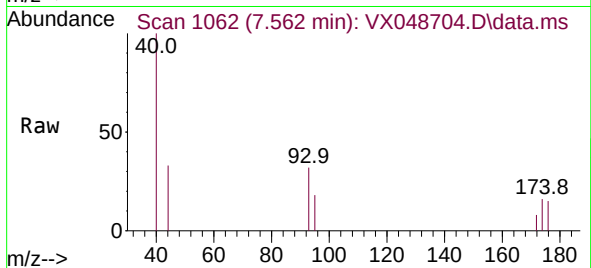
Acq: 03 Dec 2025 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



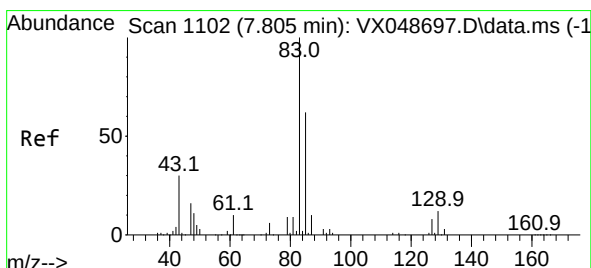
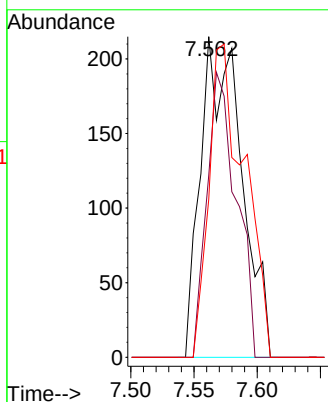
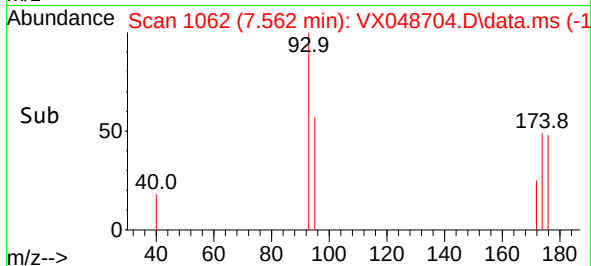
Tgt Ion: 93	Resp: 483
Ion Ratio	Lower Upper
93	100
95	64.0 66.2 99.2
174	84.7 86.1 129.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#47

Bromodichloromethane

Concen: 0.245 ug/l

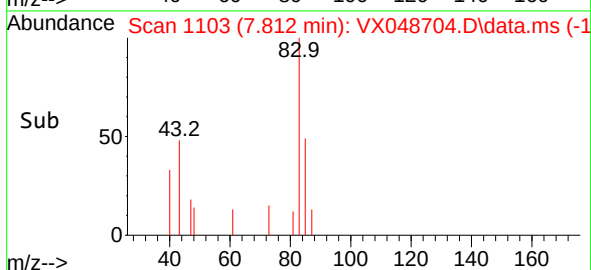
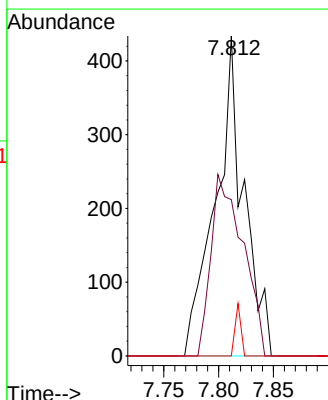
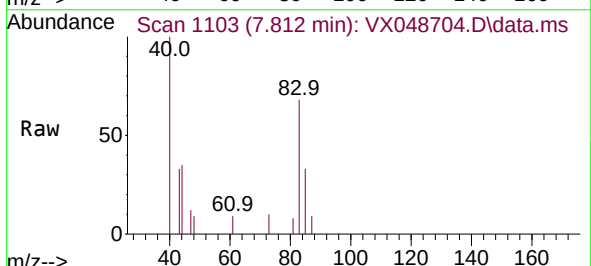
RT: 7.812 min Scan# 1103

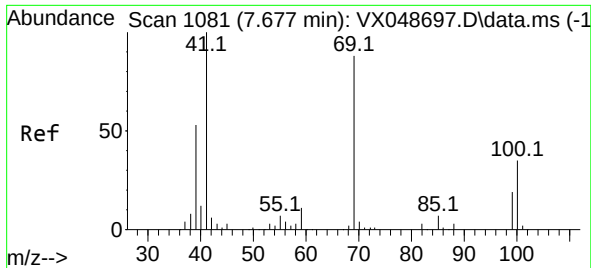
Delta R.T. 0.006 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

Tgt Ion: 83	Resp: 782
Ion Ratio	Lower Upper
83	100
85	48.8 49.8 74.8
127	0.0 6.7 10.1





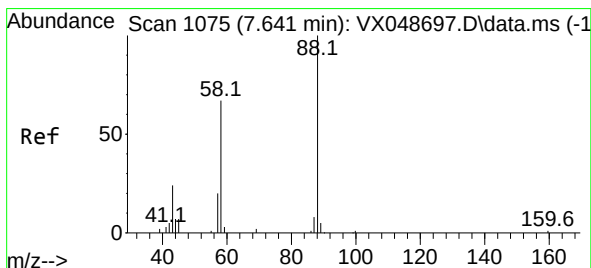
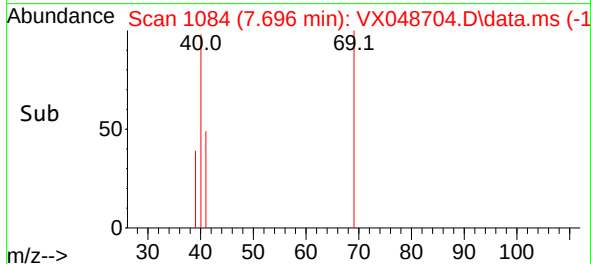
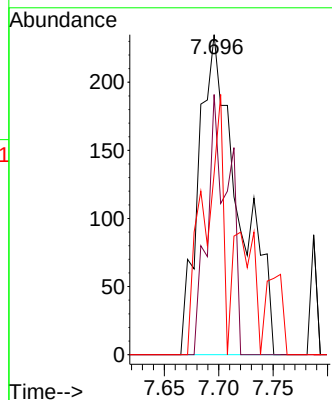
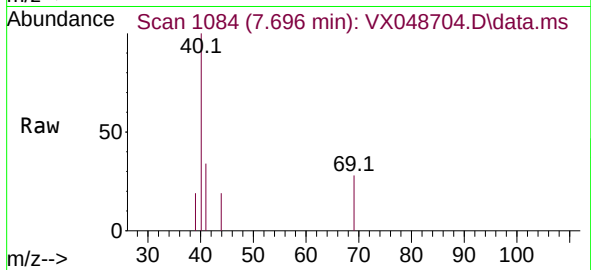
#48
Methyl methacrylate
Concen: 0.251 ug/l m
RT: 7.696 min Scan# 1084
Delta R.T. 0.018 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 41 Resp: 602
Ion Ratio Lower Upper
41 100
69 44.2 70.9 106.3#
39 37.4 42.0 63.0#

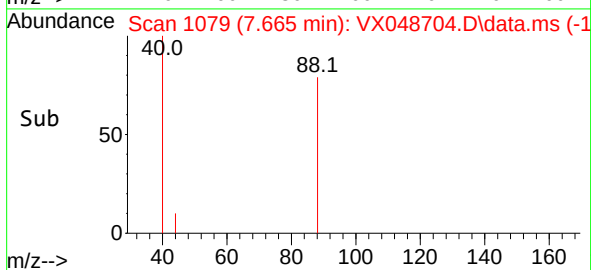
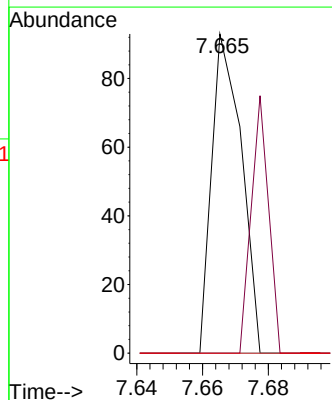
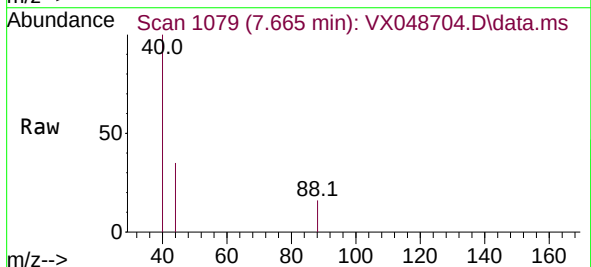
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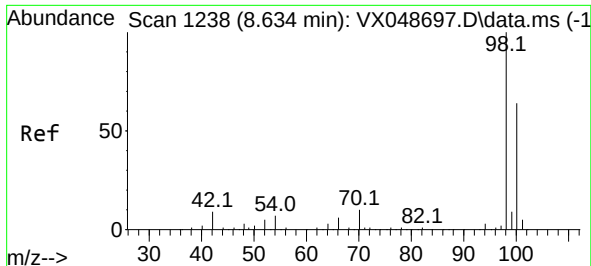
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#49
1,4-Dioxane
Concen: 1.975 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.025 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

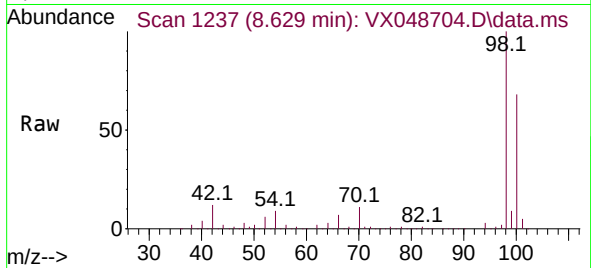
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 46.6 27.9 41.9#
58 0.0 54.9 82.3#





#50
Toluene-d8
Concen: 52.965 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

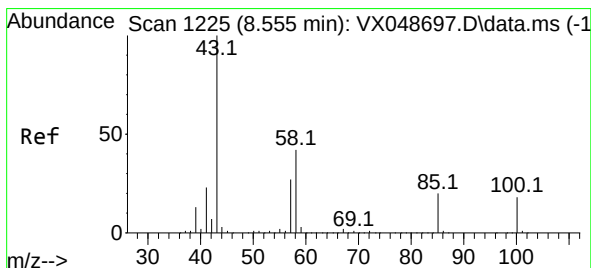
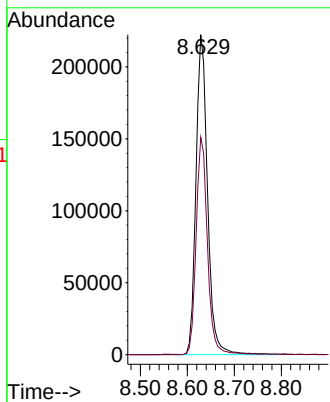
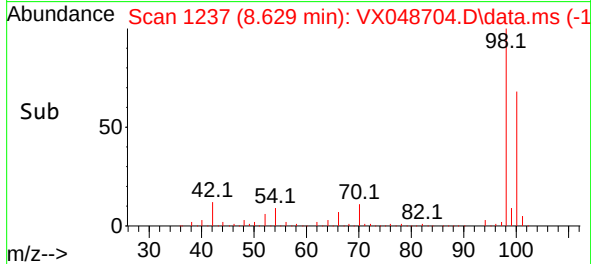
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 98 Resp: 378140
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.2

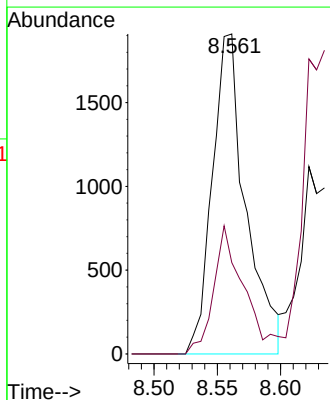
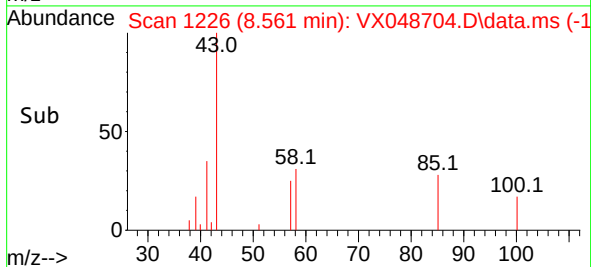
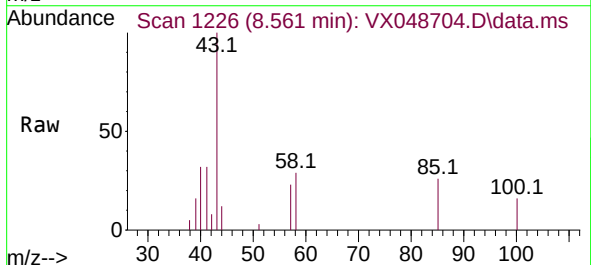
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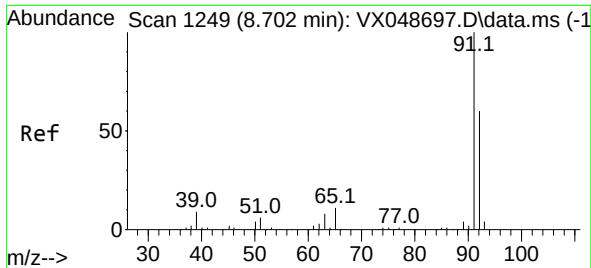
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#51
4-Methyl-2-Pentanone
Concen: 1.114 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Tgt Ion: 43 Resp: 3522
Ion Ratio Lower Upper
43 100
58 36.5 33.6 50.4





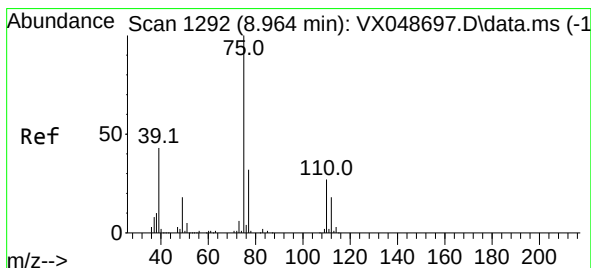
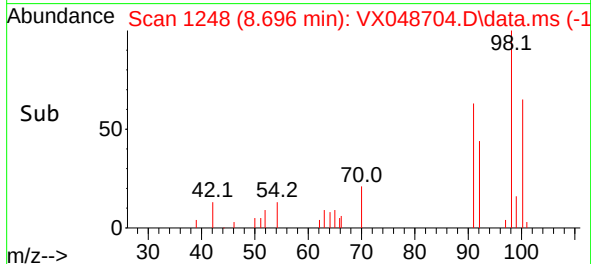
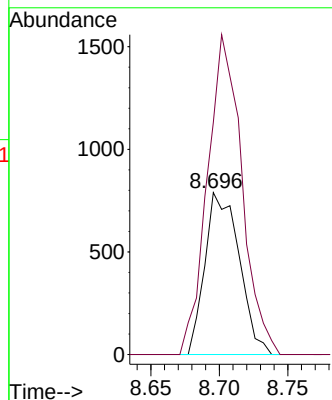
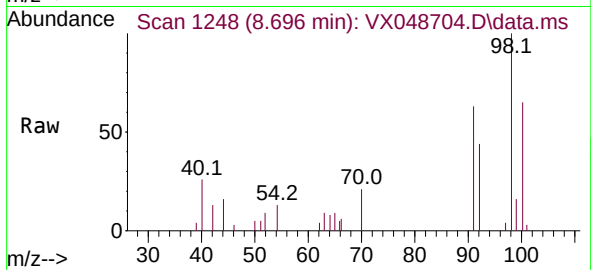
#52
Toluene
Concen: 0.271 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 92 Resp: 1373
Ion Ratio Lower Upper
92 100
91 198.5 134.7 202.1

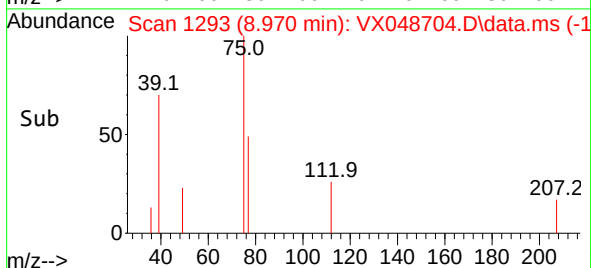
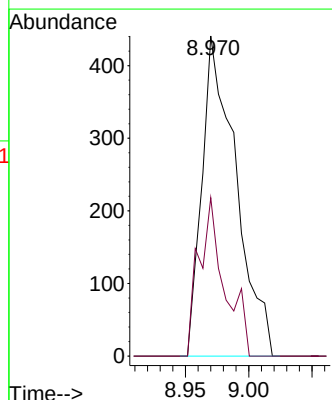
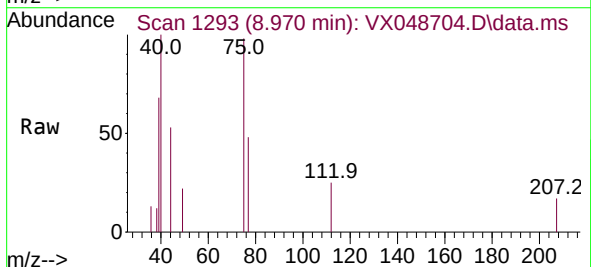
Manual Integrations
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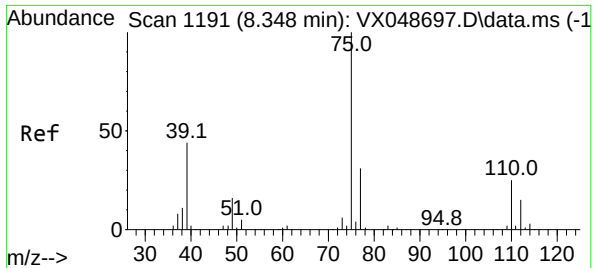
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#53
t-1,3-Dichloropropene
Concen: 0.259 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

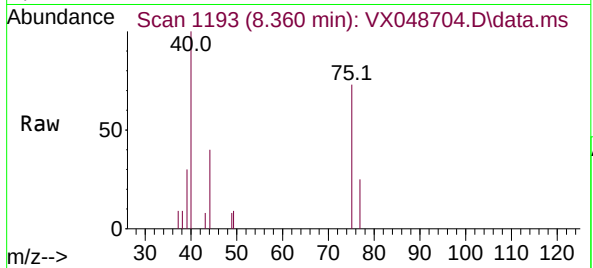
Tgt Ion: 75 Resp: 821
Ion Ratio Lower Upper
75 100
77 49.4 25.9 38.9#





#54
cis-1,3-Dichloropropene
Concen: 0.271 ug/l
RT: 8.360 min Scan# 1191
Delta R.T. 0.012 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

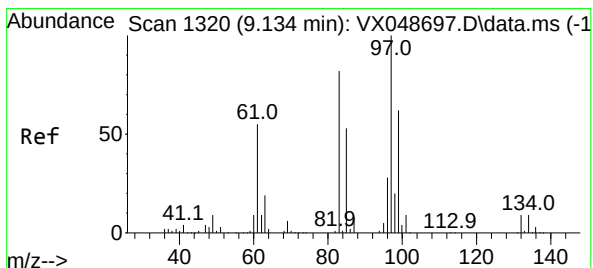
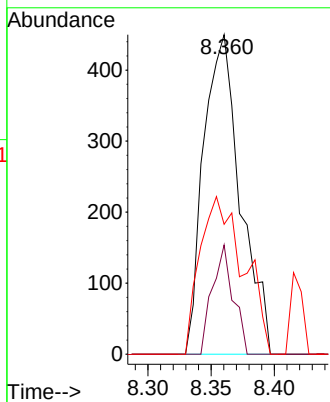
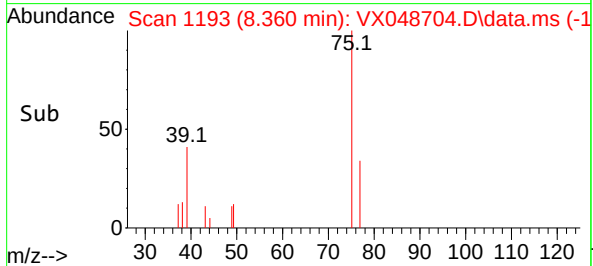
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 75 Resp: 911
Ion Ratio Lower Upper
75 100
77 34.2 25.1 37.7
39 40.7 35.2 52.8

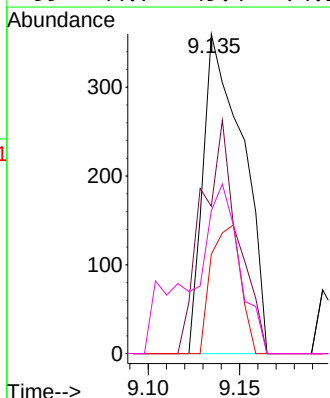
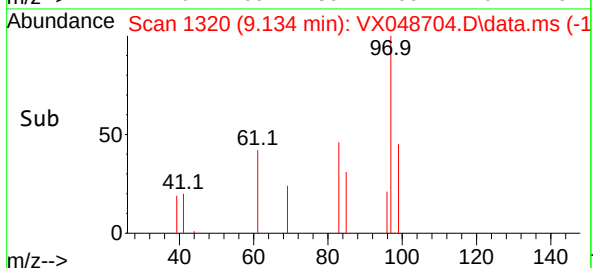
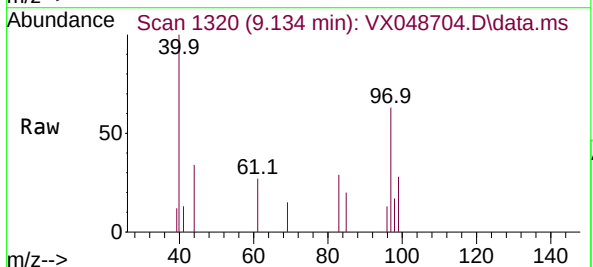
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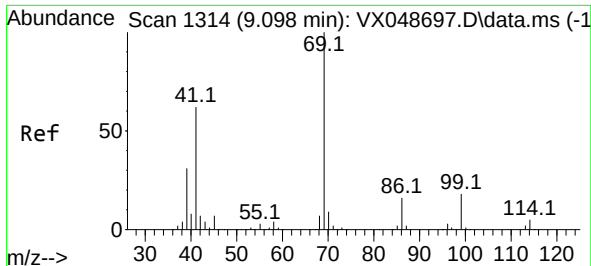
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#55
1,1,2-Trichloroethane
Concen: 0.270 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

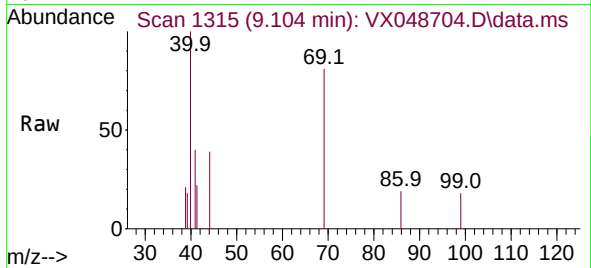
Tgt Ion: 97 Resp: 543
Ion Ratio Lower Upper
97 100
83 46.1 65.8 98.6#
85 31.1 42.5 63.7#
99 44.7 49.4 74.2#





#56
Ethyl methacrylate
Concen: 0.208 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

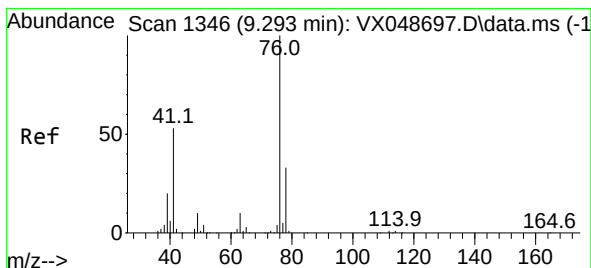
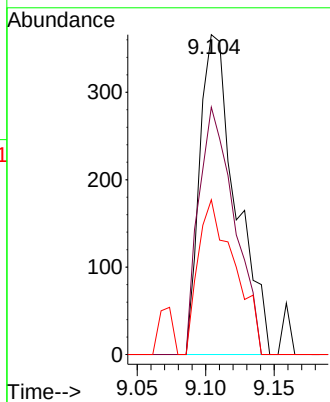
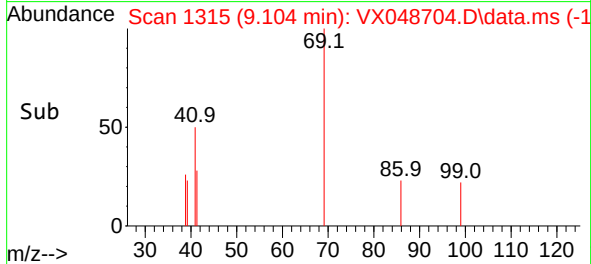
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 69 Resp: 670
Ion Ratio Lower Upper
69 100
41 76.7 49.0 73.6
39 49.1 25.1 37.7

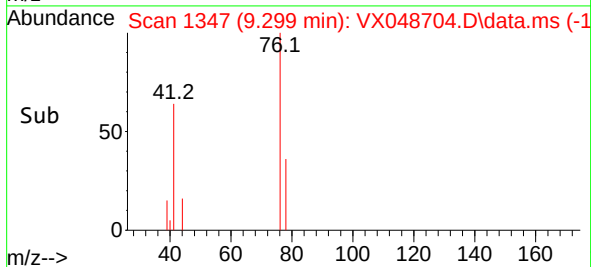
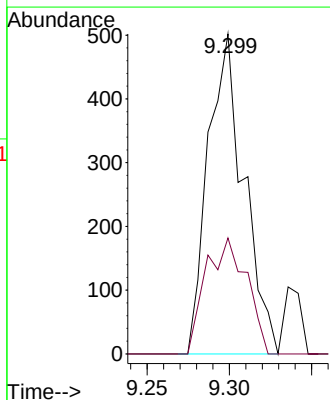
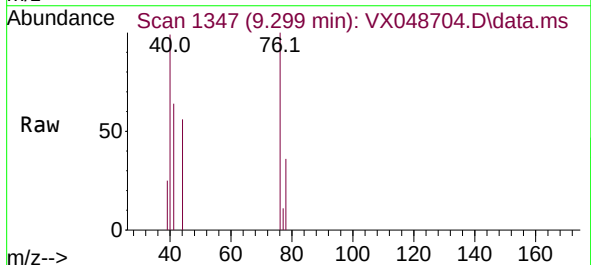
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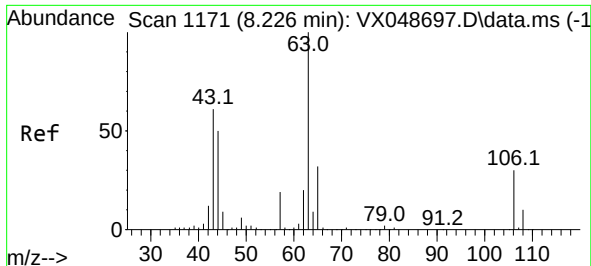
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#57
1,3-Dichloropropane
Concen: 0.224 ug/l
RT: 9.299 min Scan# 1347
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Tgt Ion: 76 Resp: 759
Ion Ratio Lower Upper
76 100
78 41.2 26.5 39.7





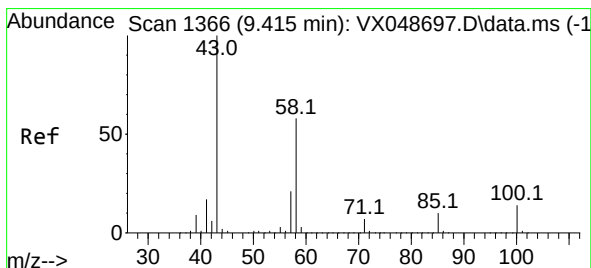
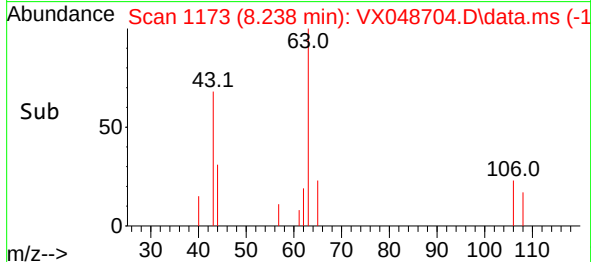
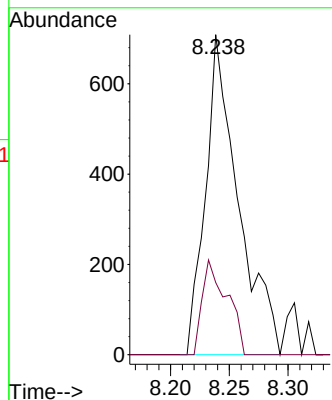
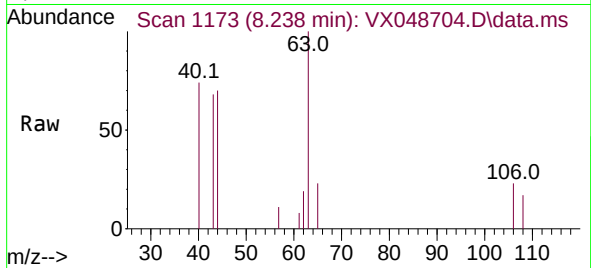
#58
2-Chloroethyl Vinyl ether
Concen: 0.833 ug/l
RT: 8.238 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 63 Resp: 1372
Ion Ratio Lower Upper
63 100
106 22.3 24.6 37.0

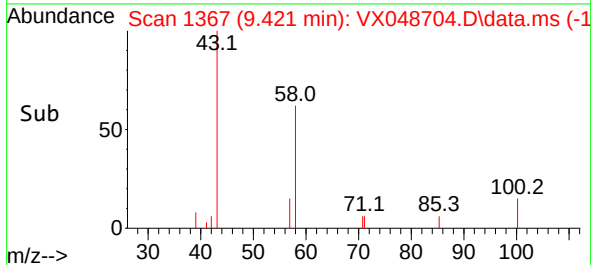
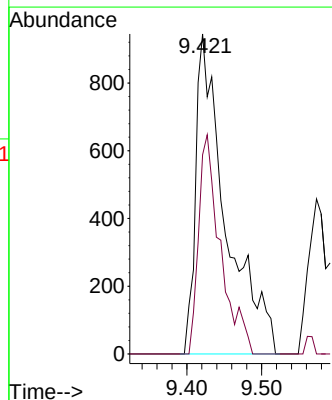
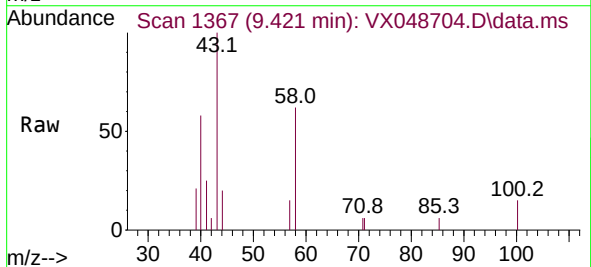
Manual Integrations
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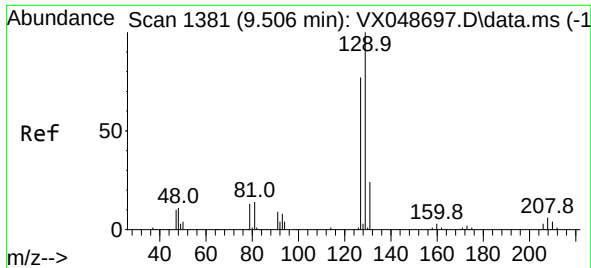
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#59
2-Hexanone
Concen: 1.166 ug/l
RT: 9.421 min Scan# 1367
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

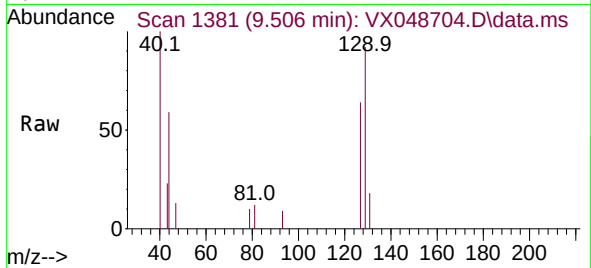
Tgt Ion: 43 Resp: 2644
Ion Ratio Lower Upper
43 100
58 49.6 28.8 86.5





#60
Dibromochloromethane
Concen: 0.277 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

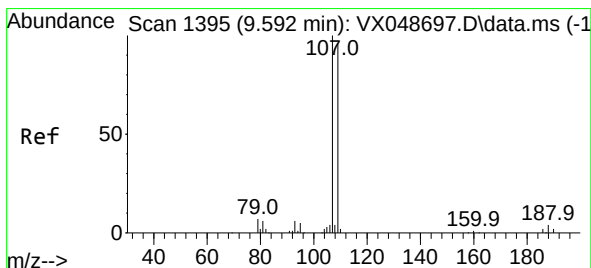
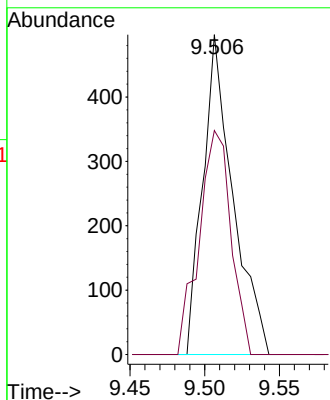
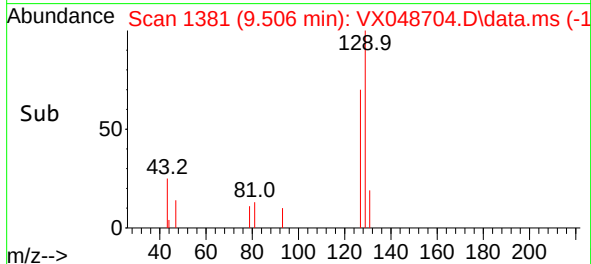
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



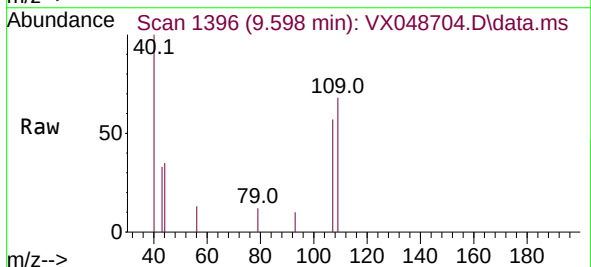
Tgt Ion:129 Resp: 696
Ion Ratio Lower Upper
129 100
127 73.9 38.0 113.9

Manual Integrations
APPROVED

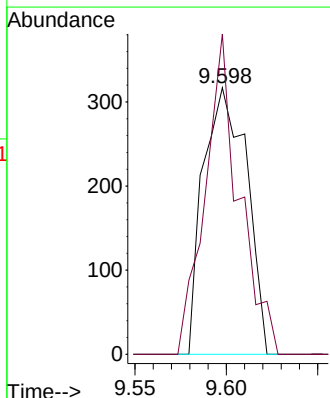
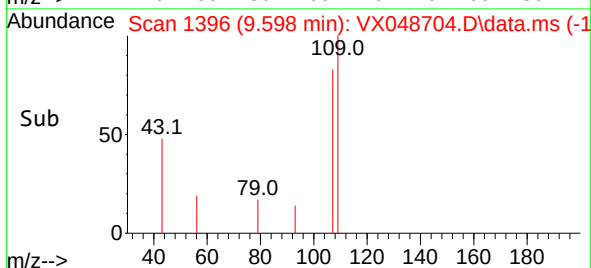
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

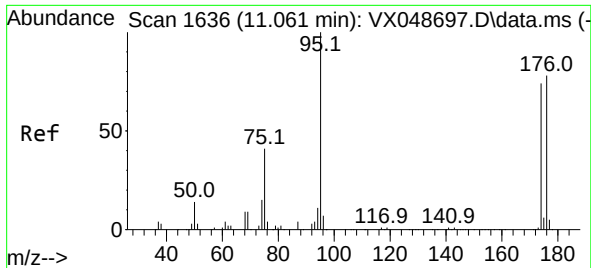


#61
1,2-Dibromoethane
Concen: 0.235 ug/l
RT: 9.598 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



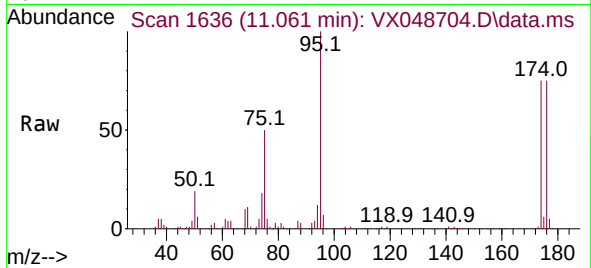
Tgt Ion:107 Resp: 523
Ion Ratio Lower Upper
107 100
109 94.5 75.5 113.3





#62
4-Bromofluorobenzene
Concen: 53.632 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

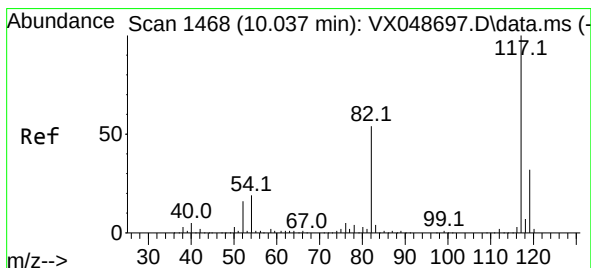
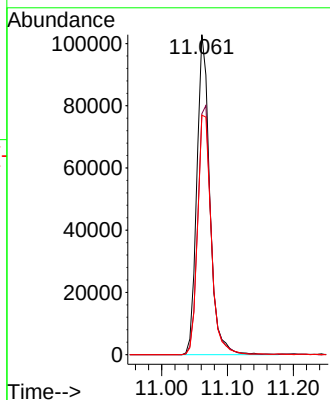
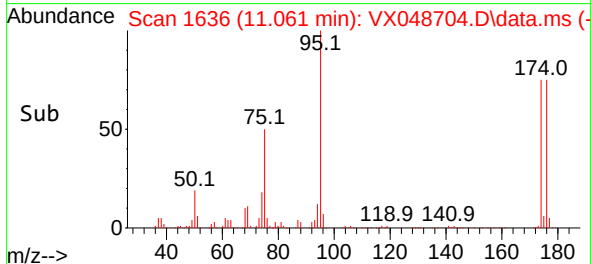
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



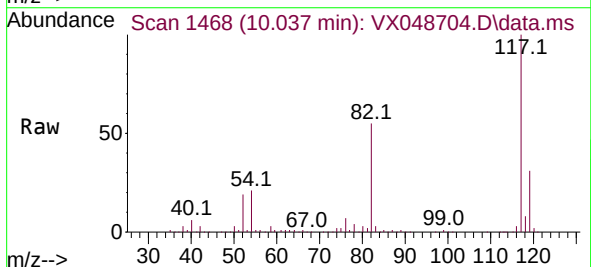
Tgt Ion: 95 Resp: 140521
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.6
176 78.4 0.0 163.0

Manual Integrations
APPROVED

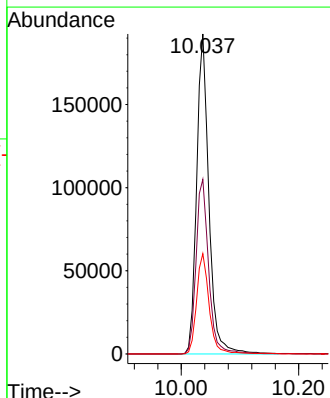
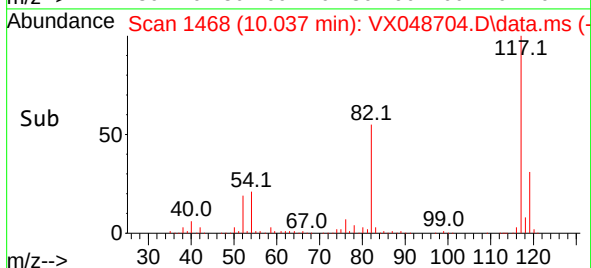
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

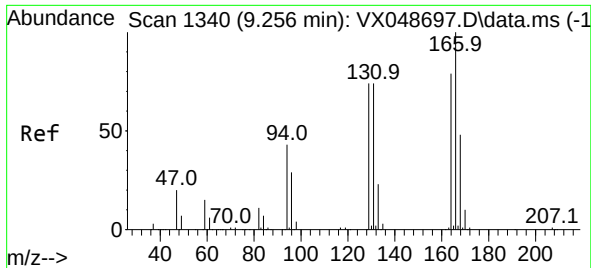


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



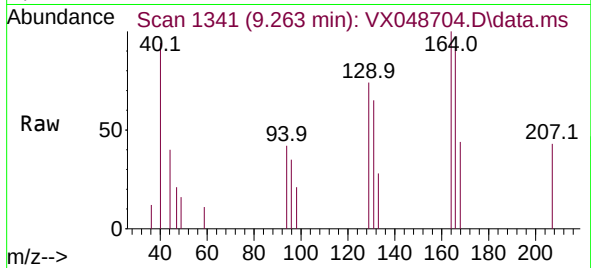
Tgt Ion:117 Resp: 277496
Ion Ratio Lower Upper
117 100
82 54.5 42.9 64.3
119 31.3 25.3 37.9





#64
Tetrachloroethene
Concen: 0.410 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

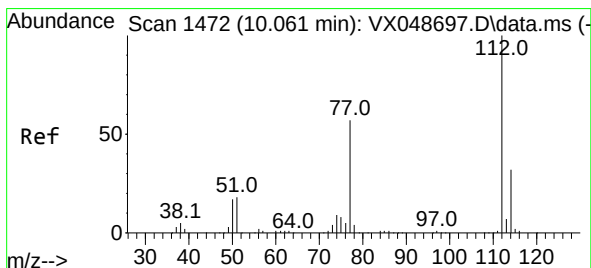
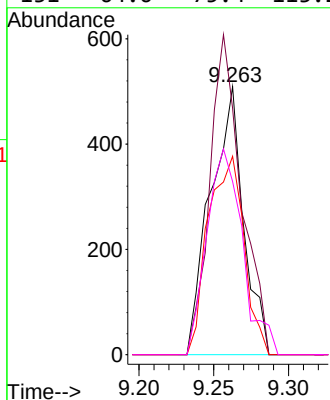
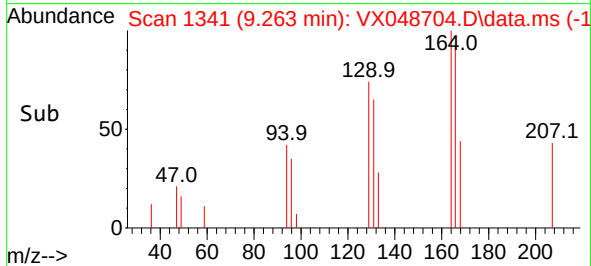
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



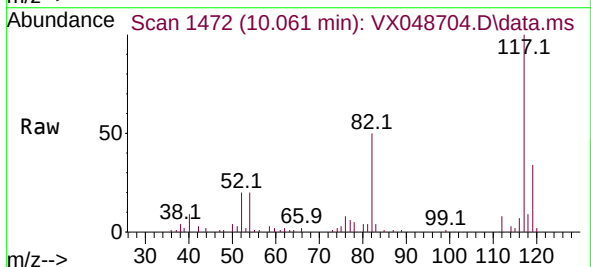
Tgt Ion:164 Resp: 782
Ion Ratio Lower Upper
164 100
166 91.9 101.4 152.2
129 74.1 75.5 113.3
131 64.6 75.4 113.2

Manual Integrations
APPROVED

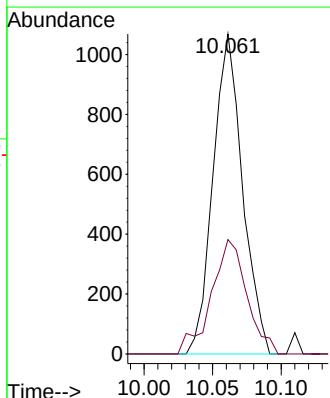
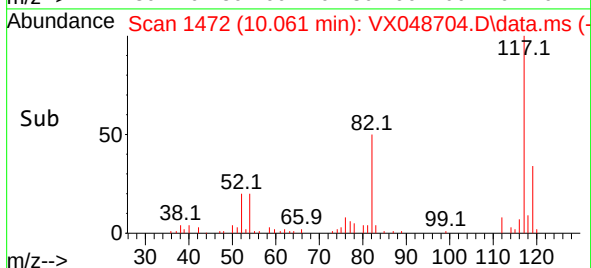
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

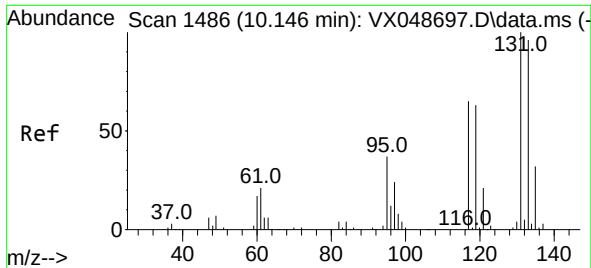


#65
Chlorobenzene
Concen: 0.272 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



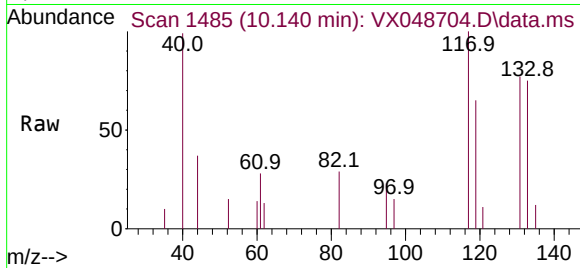
Tgt Ion:112 Resp: 1600
Ion Ratio Lower Upper
112 100
114 35.7 25.6 38.4





#66
1,1,1,2-Tetrachloroethane
Concen: 0.272 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

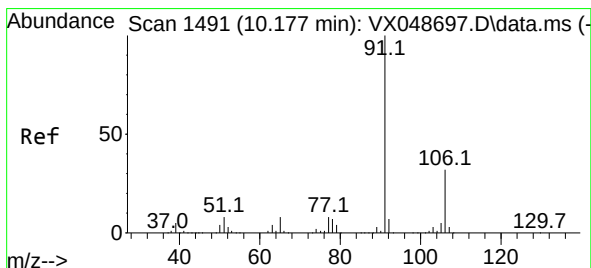
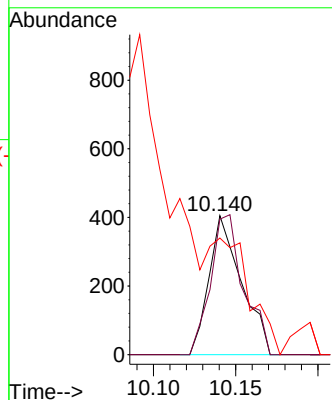
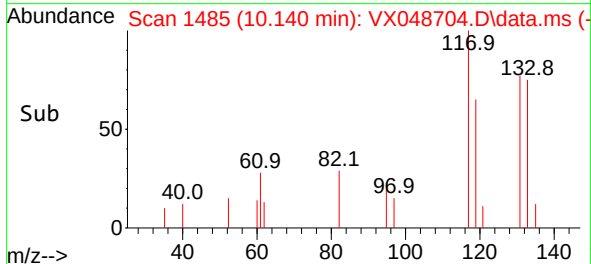
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



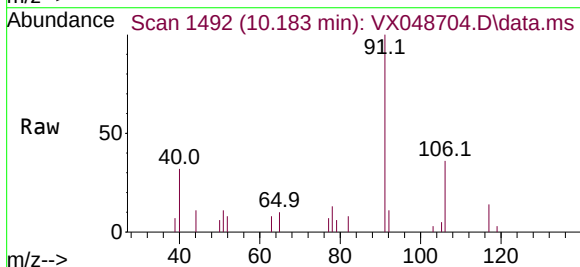
Tgt Ion:131 Resp: 556
Ion Ratio Lower Upper
131 100
133 102.5 48.0 144.0
119 0.0 32.1 96.5

Manual Integrations
APPROVED

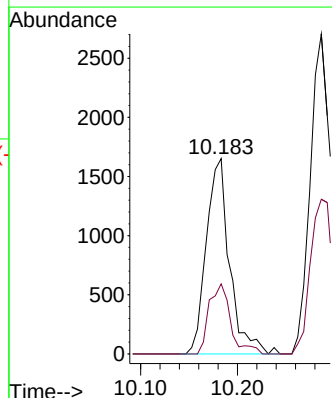
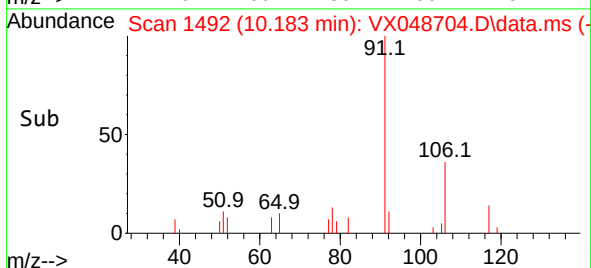
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

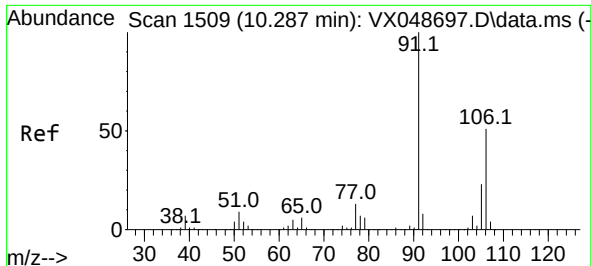


#67
Ethyl Benzene
Concen: 0.286 ug/l
RT: 10.183 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



Tgt Ion: 91 Resp: 2766
Ion Ratio Lower Upper
91 100
106 35.9 25.6 38.4





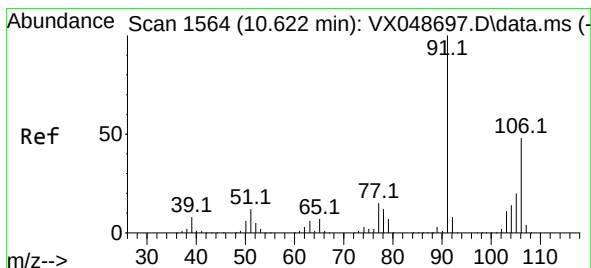
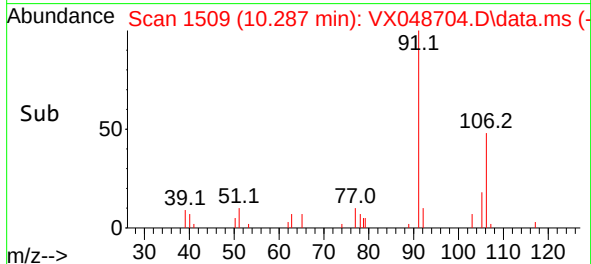
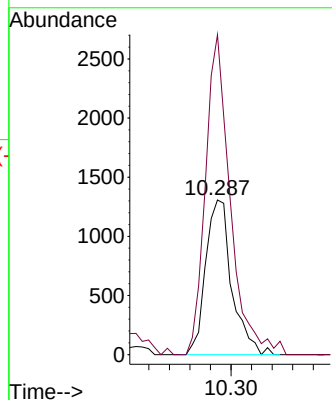
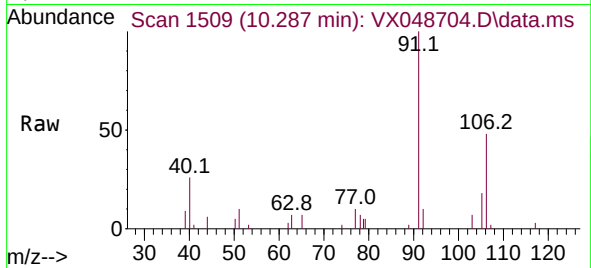
#68
m/p-Xylenes
Concen: 0.620 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:106 Resp: 2305
Ion Ratio Lower Upper
106 100
91 196.8 161.0 241.6

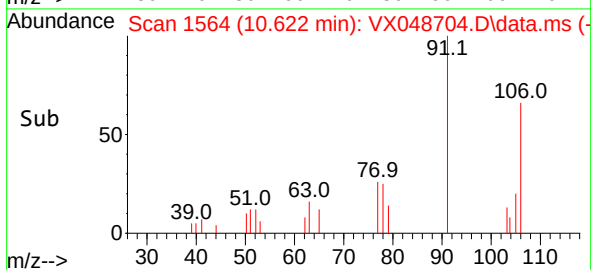
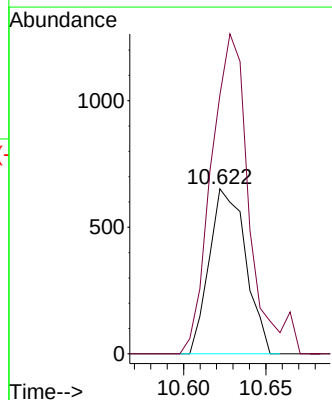
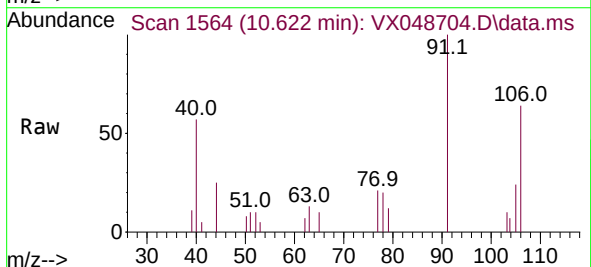
Manual Integrations
APPROVED

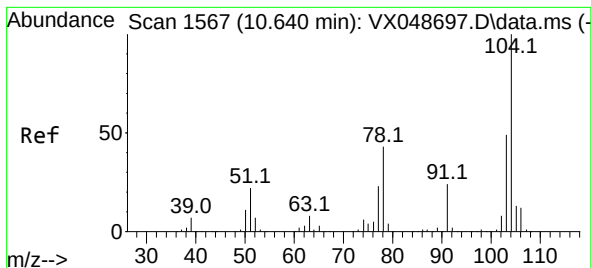
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#69
o-Xylene
Concen: 0.280 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Tgt Ion:106 Resp: 1004
Ion Ratio Lower Upper
106 100
91 201.5 106.1 318.3





#70

Styrene

Concen: 0.296 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

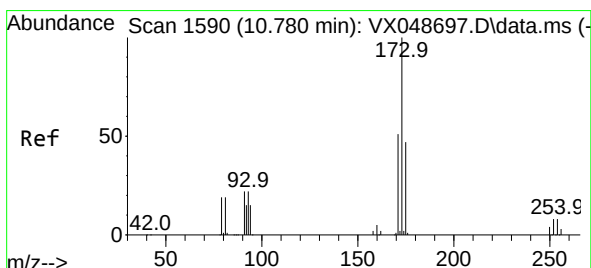
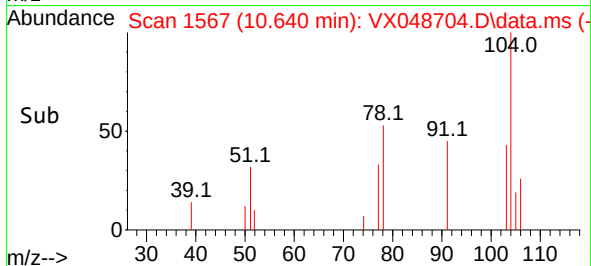
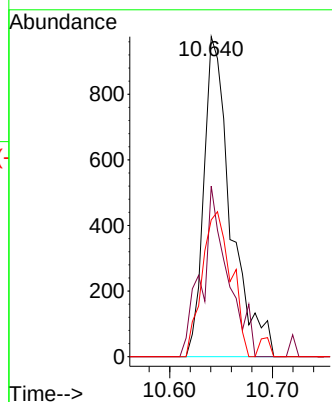
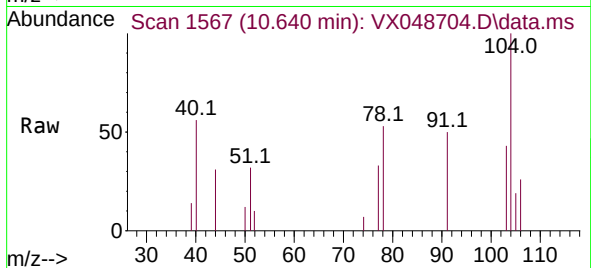
Tgt Ion:104	Resp:	1783
Ion Ratio	Lower	Upper
104	100	
78	51.5	39.2 58.8
103	48.7	43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#71

Bromoform

Concen: 0.313 ug/l

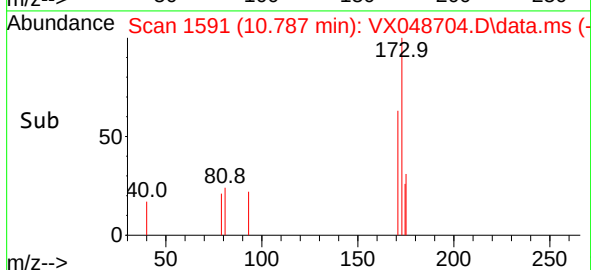
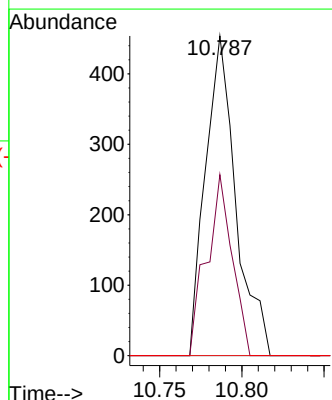
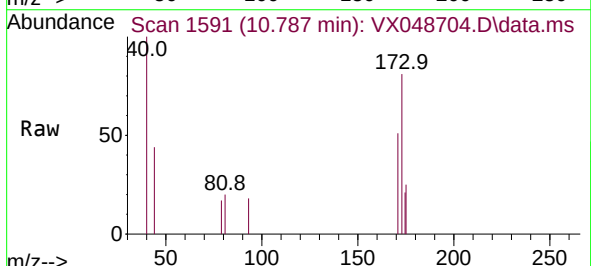
RT: 10.787 min Scan# 1591

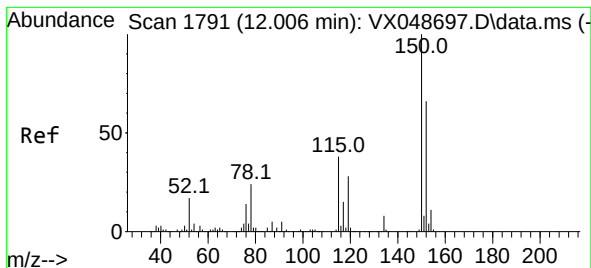
Delta R.T. 0.006 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

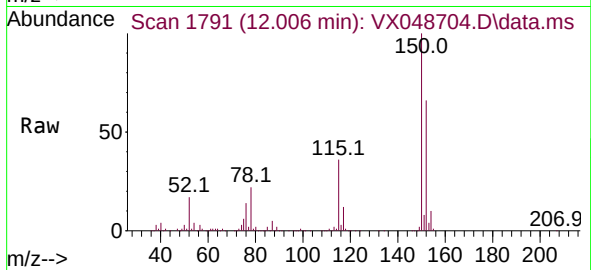
Tgt Ion:173	Resp:	583
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.3 72.8
254	0.0	0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

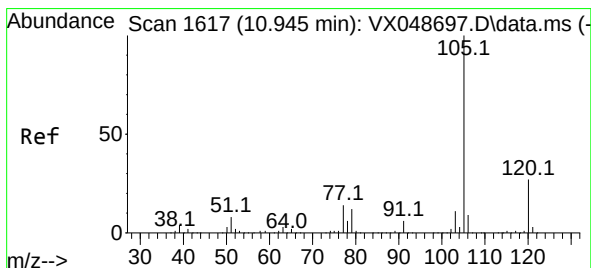
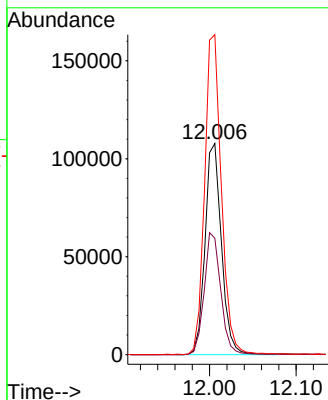
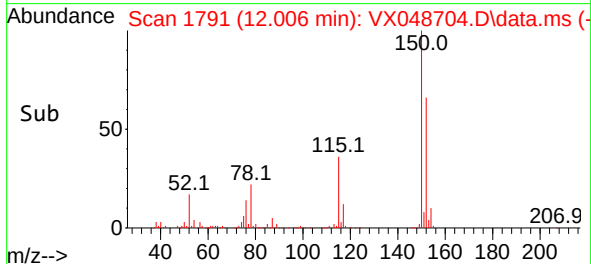
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



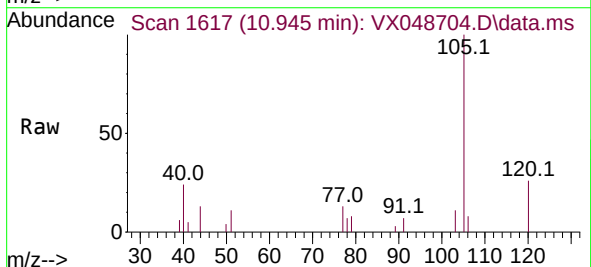
Tgt Ion:152 Resp: 142033
Ion Ratio Lower Upper
152 100
115 58.0 39.6 119.0
150 154.5 0.0 345.4

Manual Integrations
APPROVED

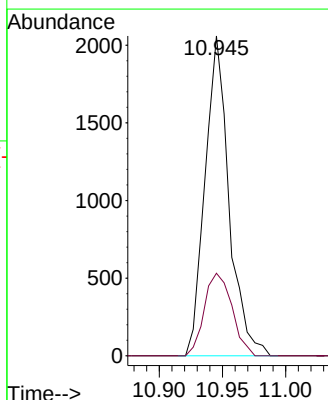
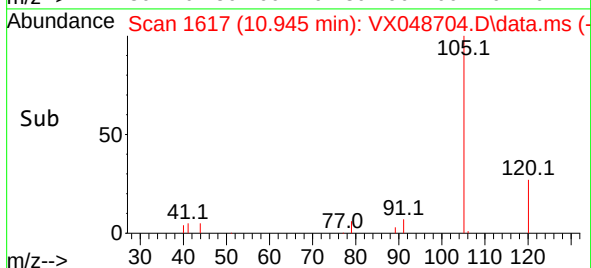
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

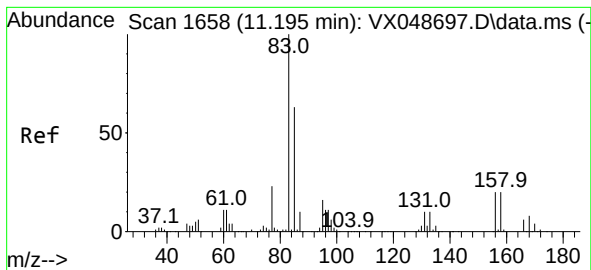


#73
Isopropylbenzene
Concen: 0.286 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



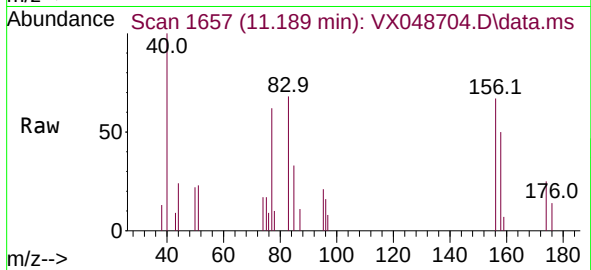
Tgt Ion:105 Resp: 2712
Ion Ratio Lower Upper
105 100
120 29.8 13.5 40.4





#75
1,1,2,2-Tetrachloroethane
Concen: 0.235 ug/l
RT: 11.189 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

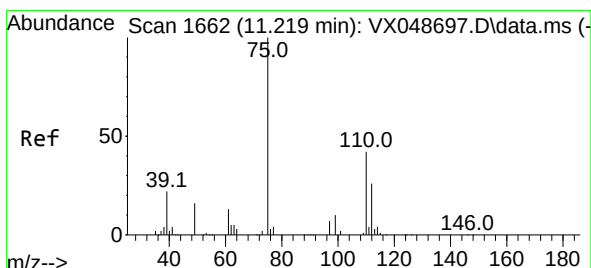
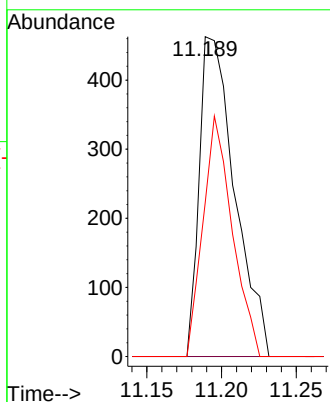
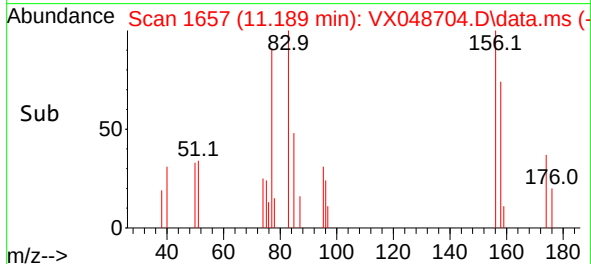
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



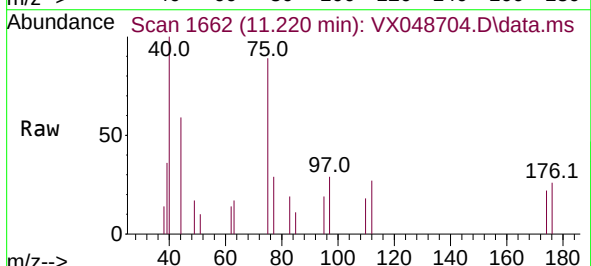
Tgt Ion: 83 Resp: 763
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1
85 62.1 32.0 96.0

Manual Integrations
APPROVED

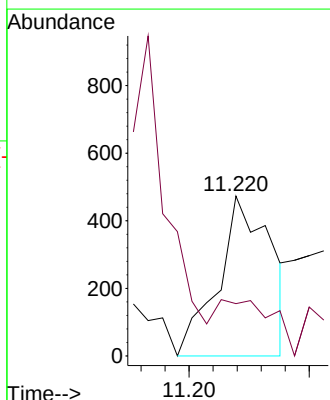
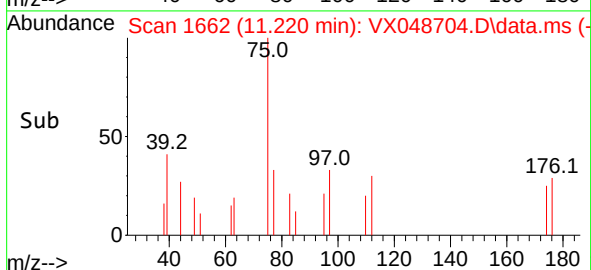
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

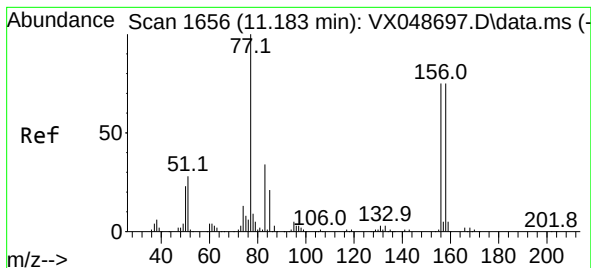


#76
1,2,3-Trichloropropane
Concen: 0.252 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



Tgt Ion: 75 Resp: 719
Ion Ratio Lower Upper
75 100
77 133.5 19.0 57.0#





#77

Bromobenzene

Concen: 0.297 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

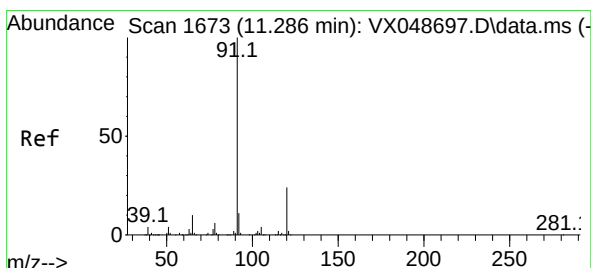
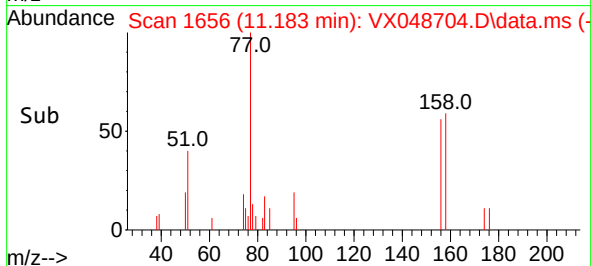
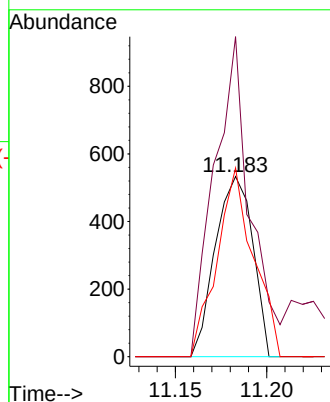
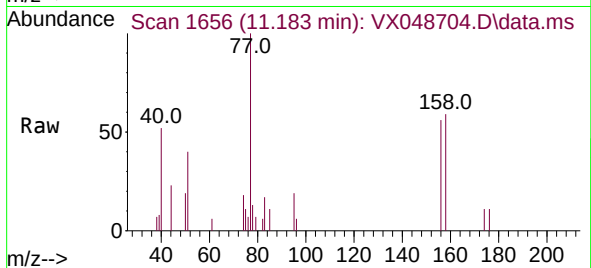
Tgt Ion:	156	Resp:	759
Ion Ratio	Lower	Upper	
156	100		
77	170.0	74.9	224.6
158	102.0	49.5	148.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#78

n-propylbenzene

Concen: 0.375 ug/l

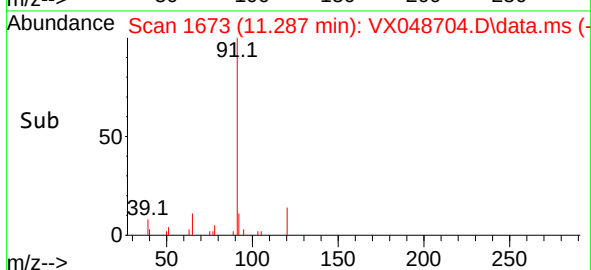
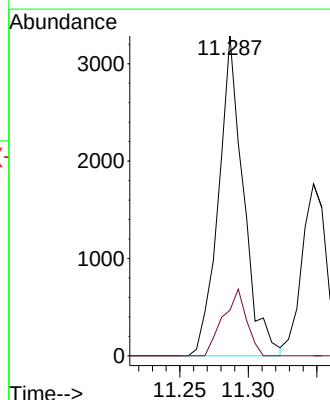
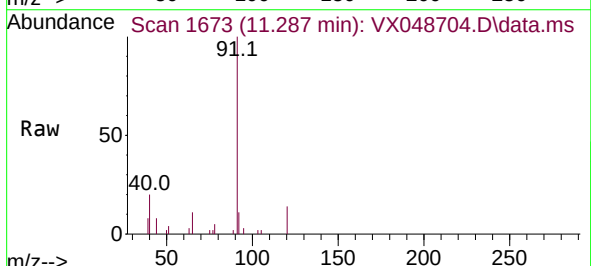
RT: 11.287 min Scan# 1673

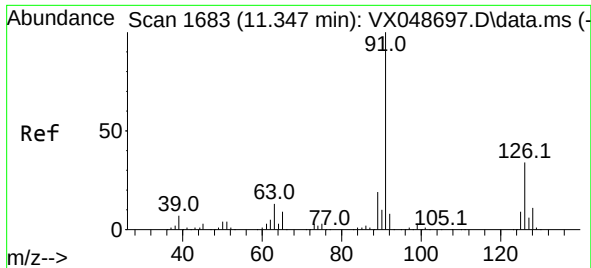
Delta R.T. 0.000 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

Tgt Ion:	91	Resp:	4169
Ion Ratio	Lower	Upper	
91	100		
120	19.5	11.9	35.7





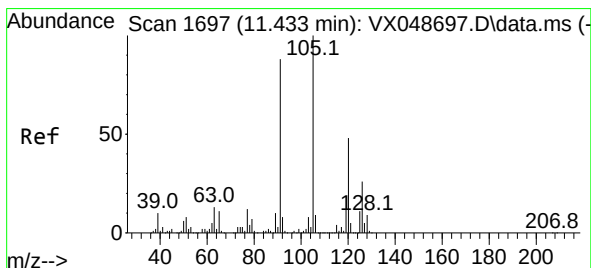
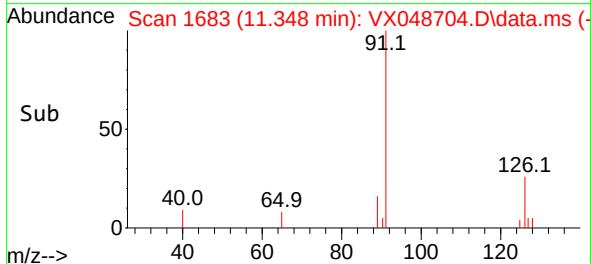
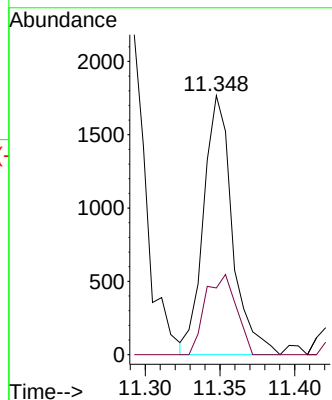
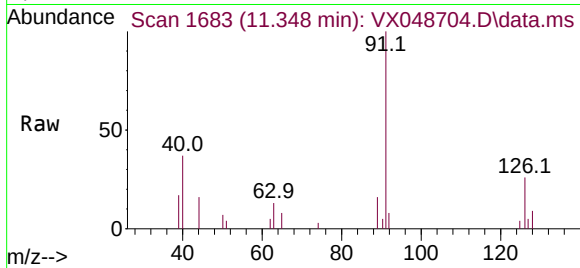
#79
2-Chlorotoluene
Concen: 0.351 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 2372
Ion Ratio Lower Upper
91 100
126 33.1 17.1 51.2

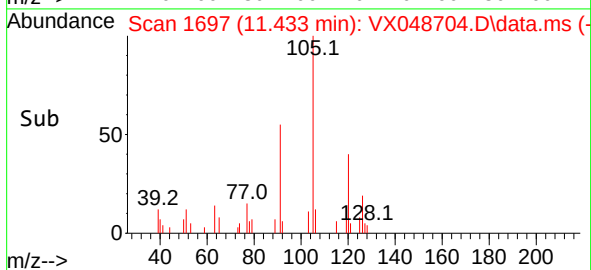
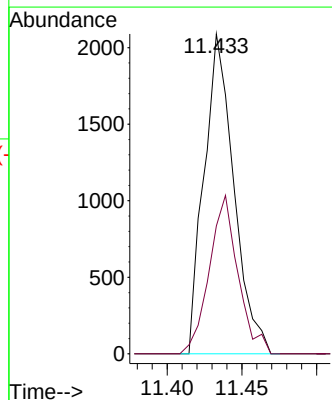
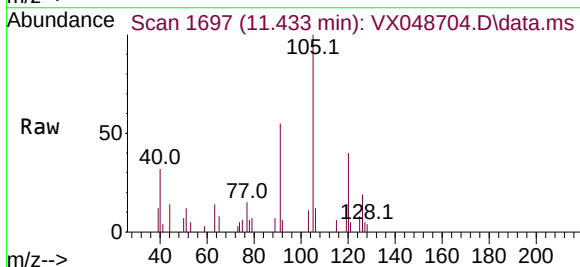
Manual Integrations
APPROVED

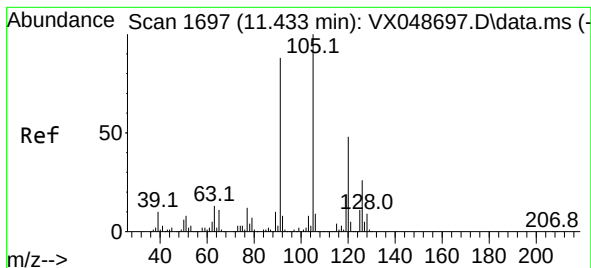
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.373 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

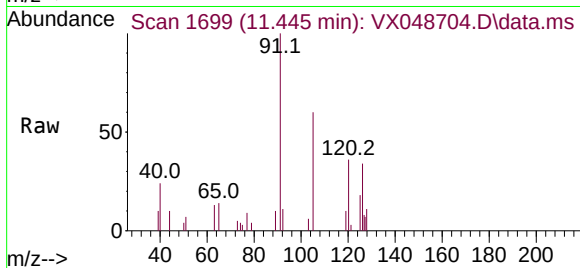
Tgt Ion:105 Resp: 2893
Ion Ratio Lower Upper
105 100
120 47.8 24.4 73.2





#82
4-Chlorotoluene
Concen: 0.380 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. 0.012 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

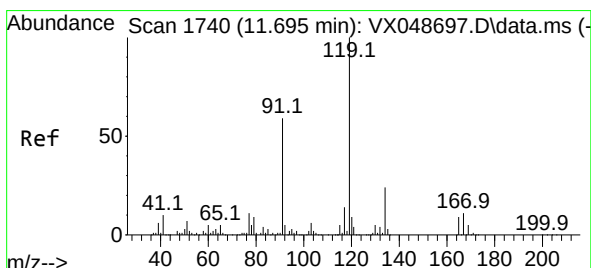
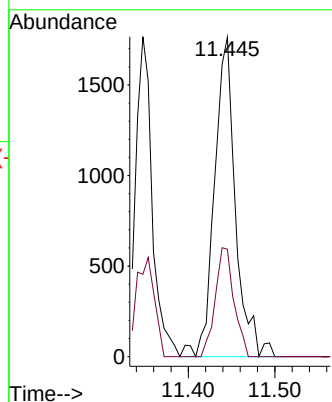
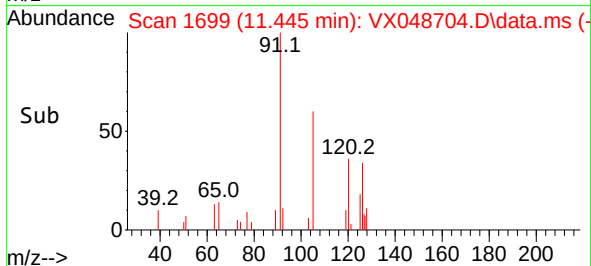
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 91 Resp: 2988
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.1

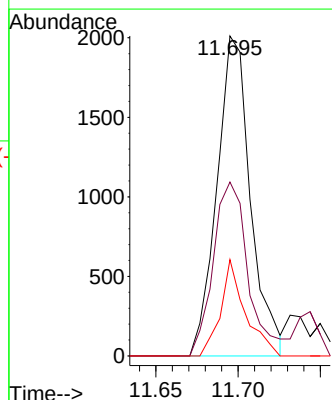
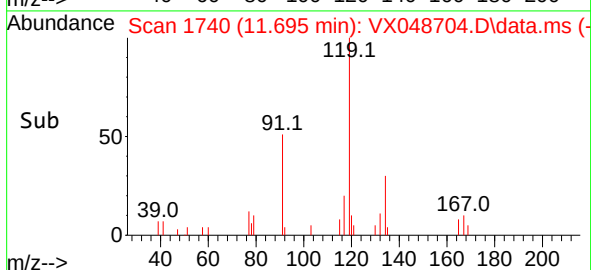
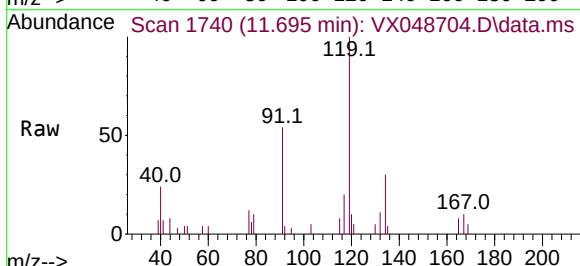
Manual Integrations
APPROVED

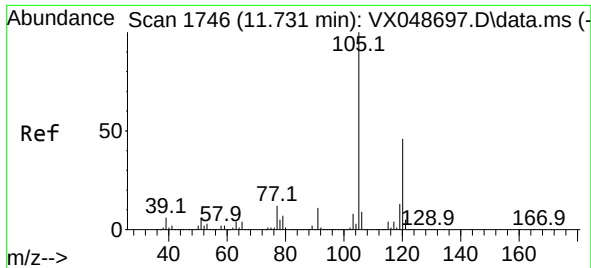
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#83
tert-Butylbenzene
Concen: 0.355 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

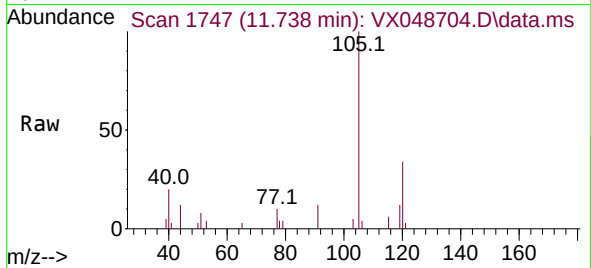
Tgt Ion:119 Resp: 2859
Ion Ratio Lower Upper
119 100
91 56.2 27.4 82.0
134 22.1 11.4 34.1





#84
1,2,4-Trimethylbenzene
Concen: 0.366 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

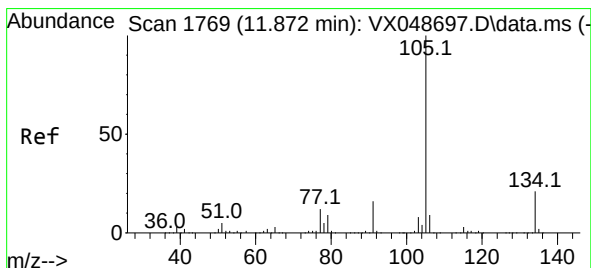
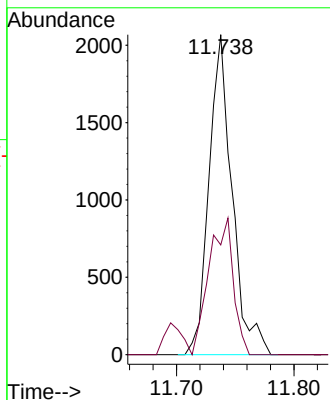
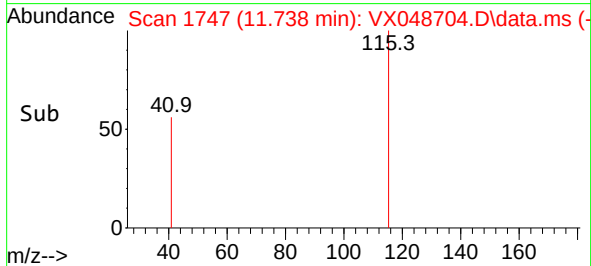
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



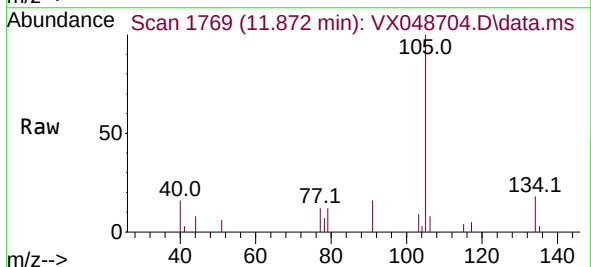
Tgt Ion:105 Resp: 2829
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8

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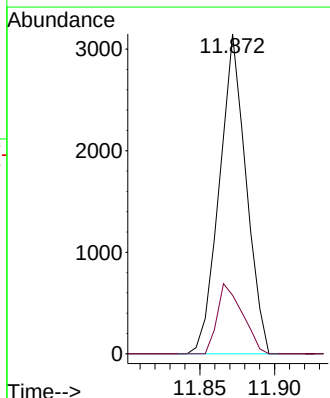
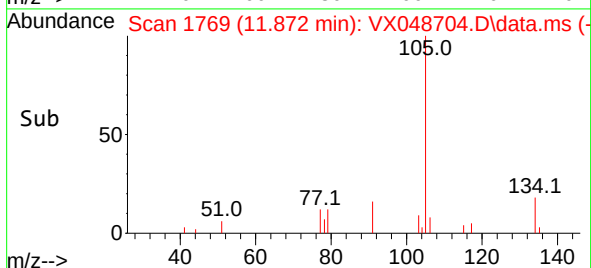
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

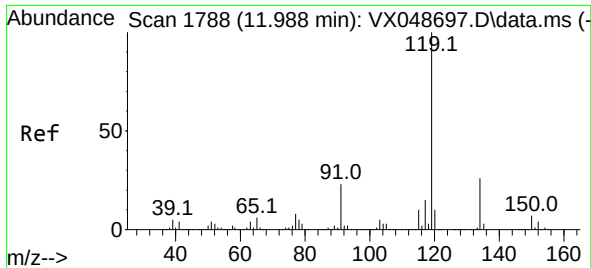


#85
sec-Butylbenzene
Concen: 0.402 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



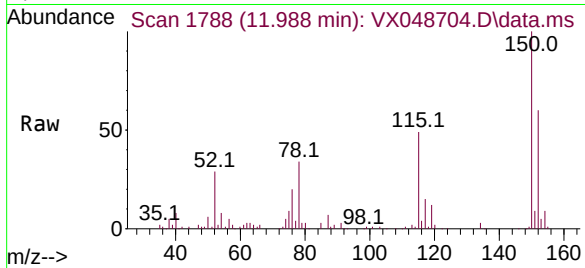
Tgt Ion:105 Resp: 3916
Ion Ratio Lower Upper
105 100
134 20.6 10.4 31.1





#86
p-Isopropyltoluene
Concen: 0.423 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

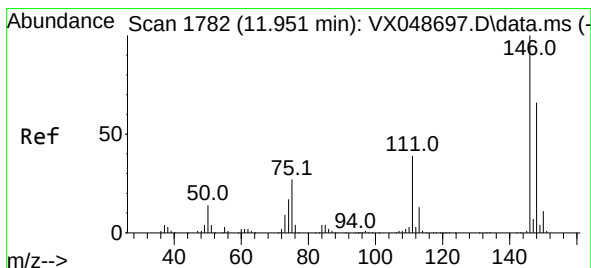
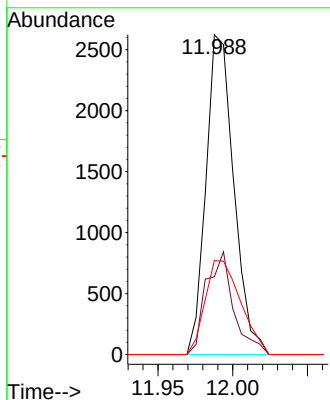
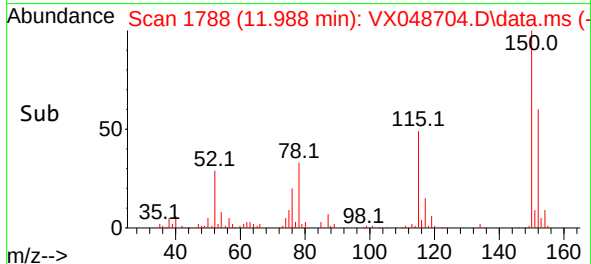
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



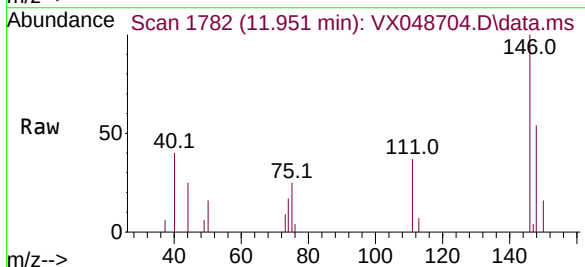
Tgt Ion:119 Resp: 340
Ion Ratio Lower Upper
119 100
134 31.6 13.2 39.6
91 37.5 11.5 34.5

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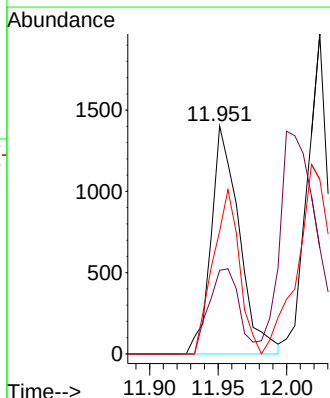
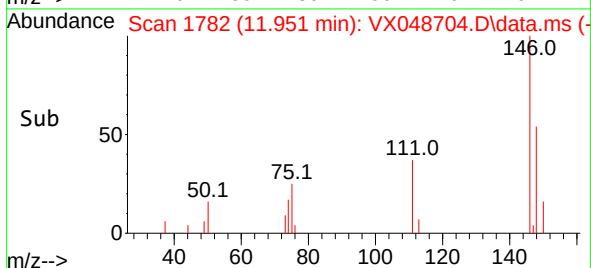
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

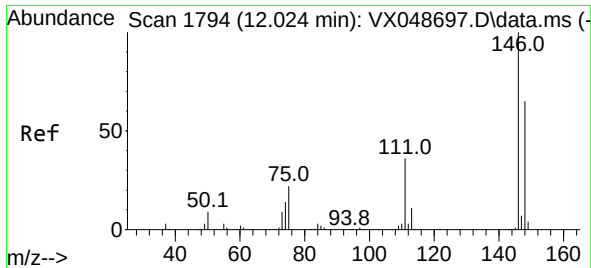


#87
1,3-Dichlorobenzene
Concen: 0.430 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



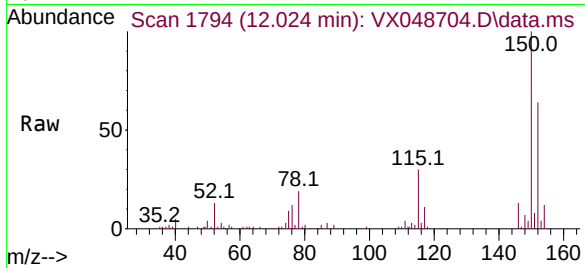
Tgt Ion:146 Resp: 2002
Ion Ratio Lower Upper
146 100
111 39.8 19.8 59.4
148 67.2 32.4 97.0





#88
1,4-Dichlorobenzene
Concen: 0.481 ug/l m
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

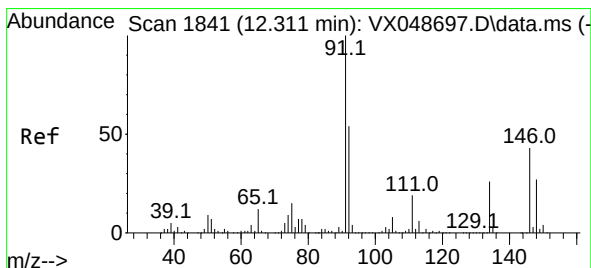
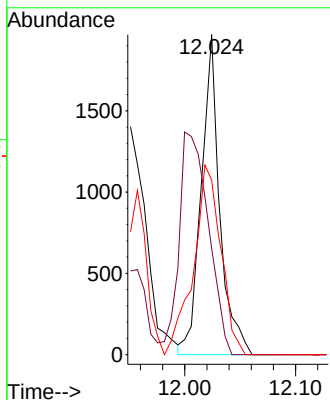
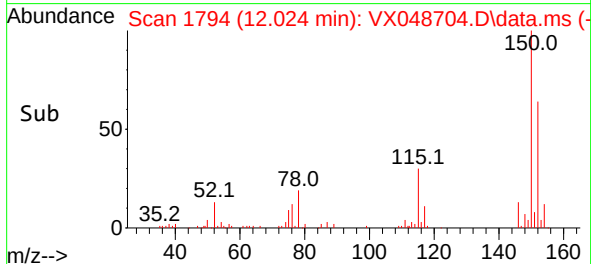
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



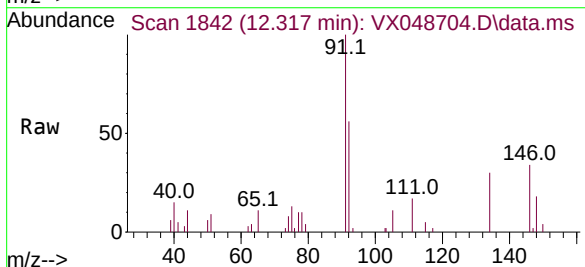
Tgt Ion:146 Resp: 2285
Ion Ratio Lower Upper
146 100
111 34.9 19.5 58.5
148 58.9 32.6 98.0

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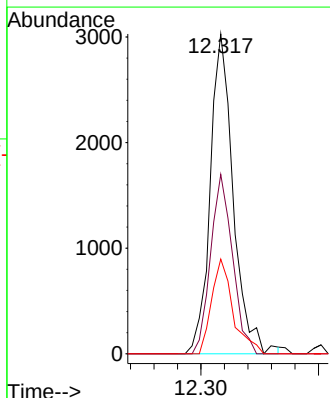
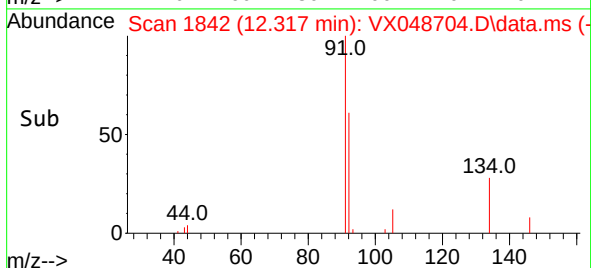
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

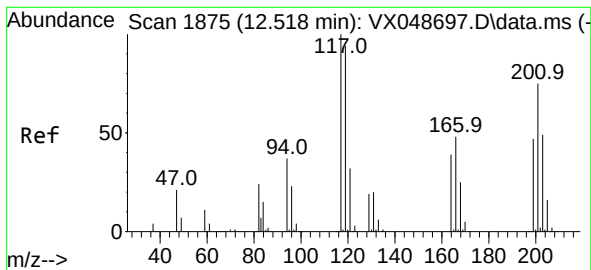


#89
n-Butylbenzene
Concen: 0.544 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38



Tgt Ion: 91 Resp: 4130
Ion Ratio Lower Upper
91 100
92 53.3 27.0 81.0
134 27.5 13.2 39.6





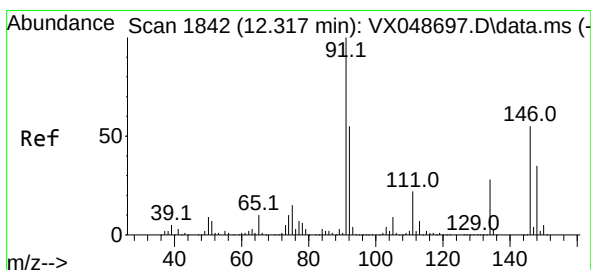
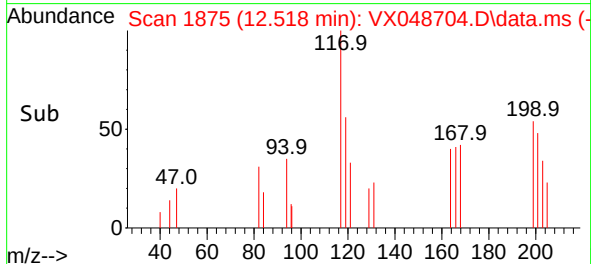
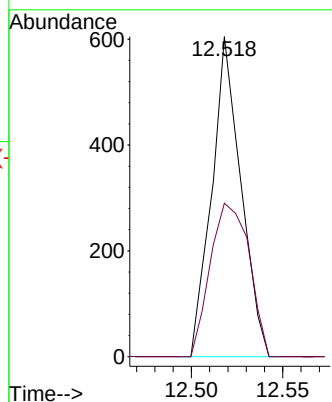
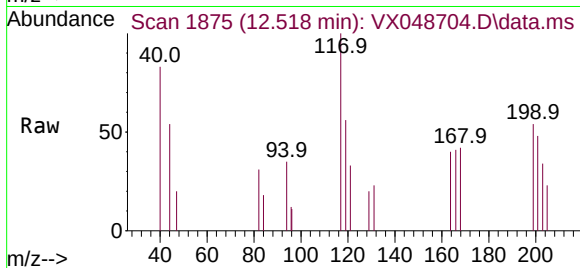
#90
Hexachloroethane
Concen: 0.413 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:117 Resp: 670
Ion Ratio Lower Upper
117 100
201 64.2 39.3 117.9

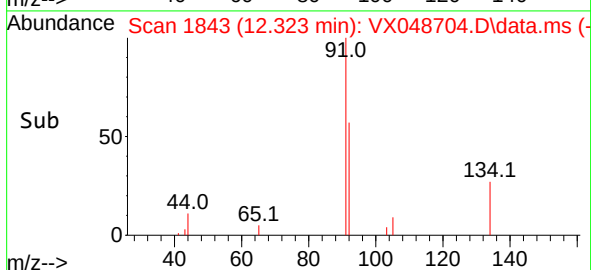
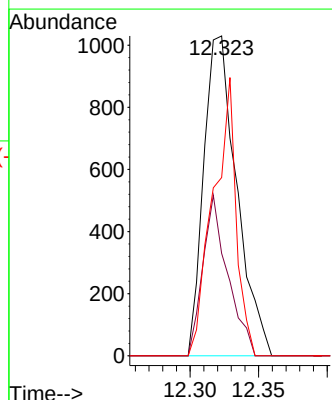
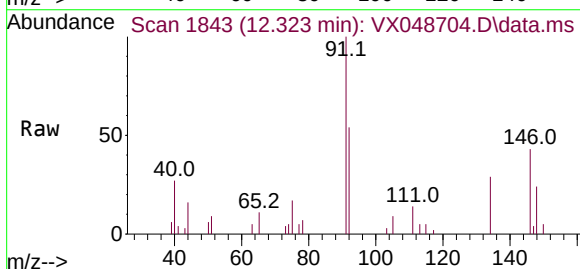
Manual Integrations
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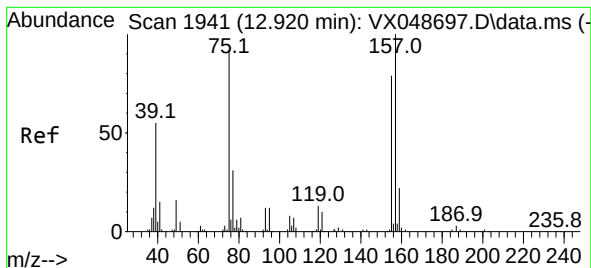
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#91
1,2-Dichlorobenzene
Concen: 0.397 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Tgt Ion:146 Resp: 1722
Ion Ratio Lower Upper
146 100
111 37.7 20.6 61.8
148 60.7 32.1 96.5





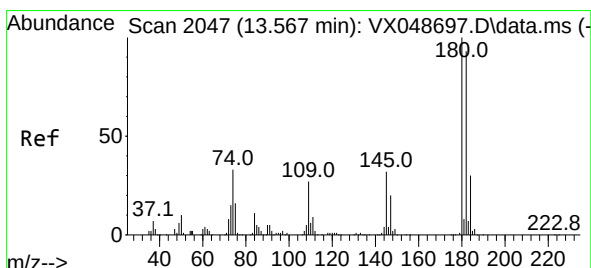
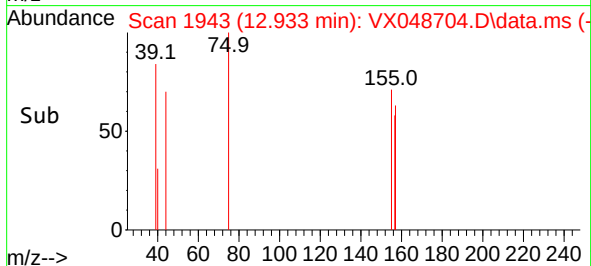
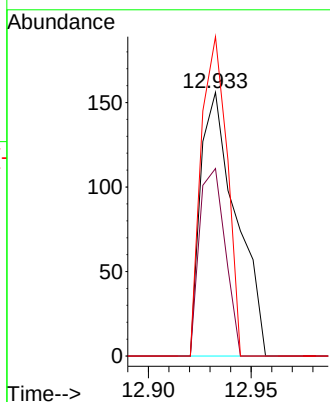
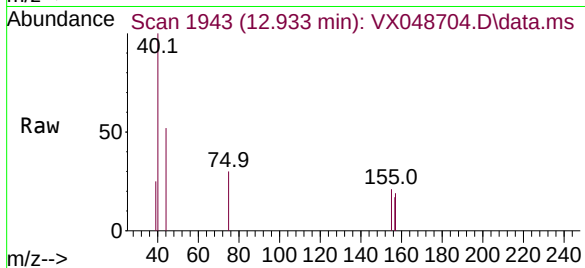
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.253 ug/l
RT: 12.933 min Scan# 1943
Delta R.T. 0.012 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
155 51.9 46.7 140.1
157 88.2 58.7 176.1

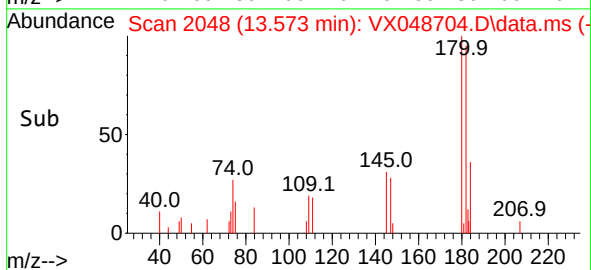
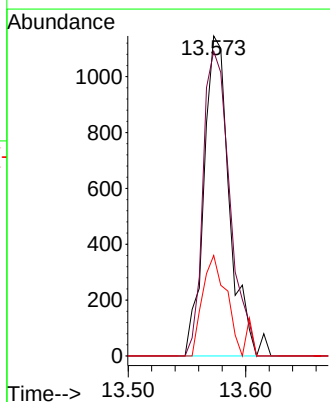
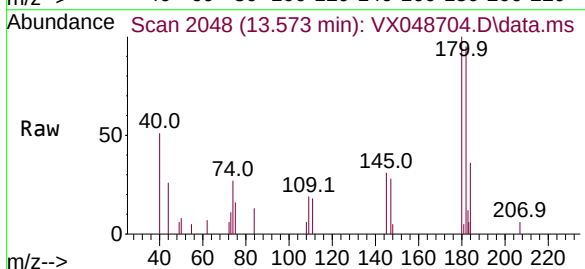
Manual Integrations
APPROVED

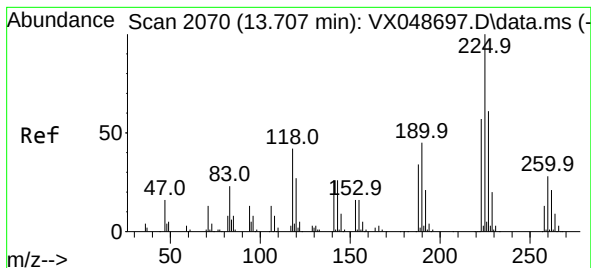
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#93
1,2,4-Trichlorobenzene
Concen: 0.631 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX048704.D
Acq: 03 Dec 2025 14:38

Tgt Ion:180 Resp: 1741
Ion Ratio Lower Upper
180 100
182 98.9 47.8 143.3
145 28.9 15.5 46.5





#94

Hexachlorobutadiene

Concen: 1.155 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

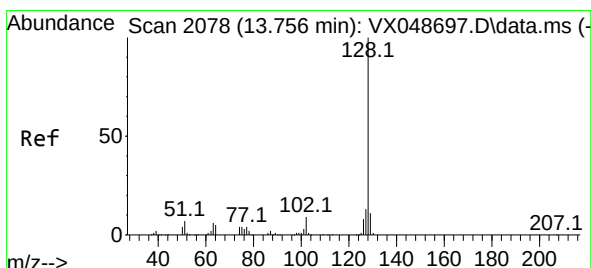
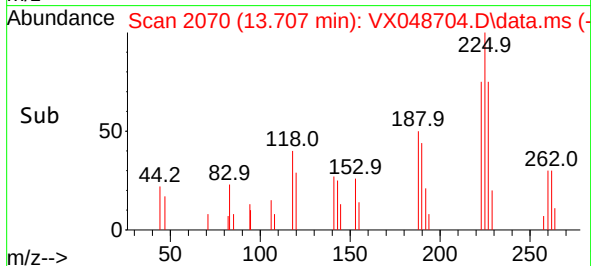
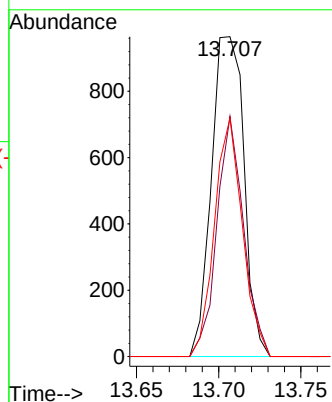
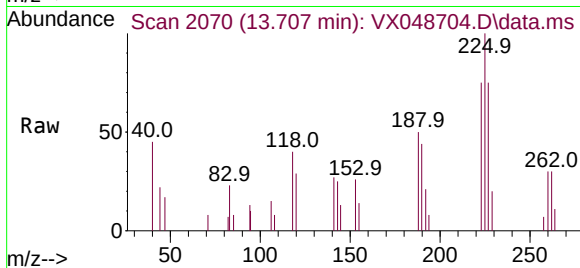
Tgt Ion:	225	Resp:	132
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.6	95.0
227	64.1	31.6	94.7

Manual Integrations

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Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#95

Naphthalene

Concen: 0.339 ug/l

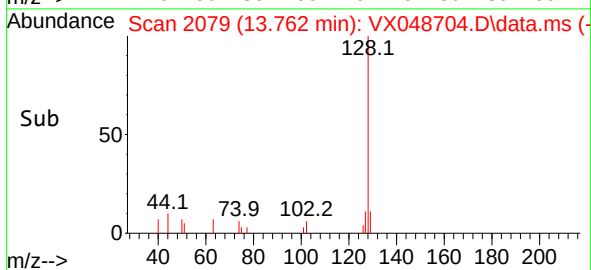
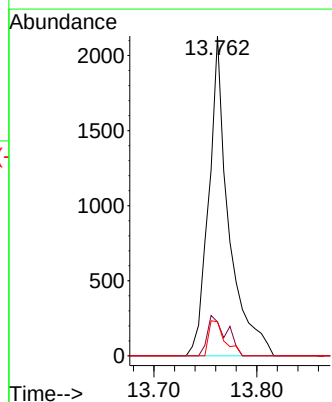
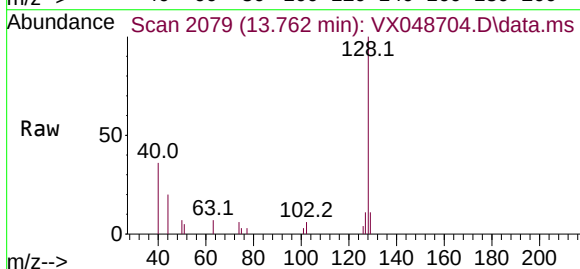
RT: 13.762 min Scan# 2079

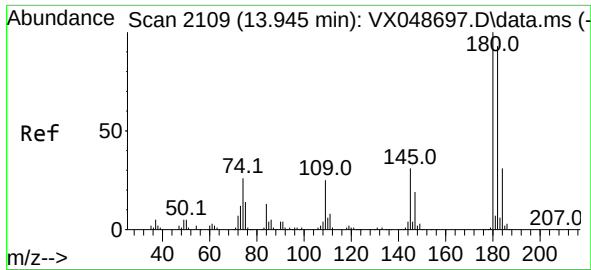
Delta R.T. 0.006 min

Lab File: VX048704.D

Acq: 03 Dec 2025 14:38

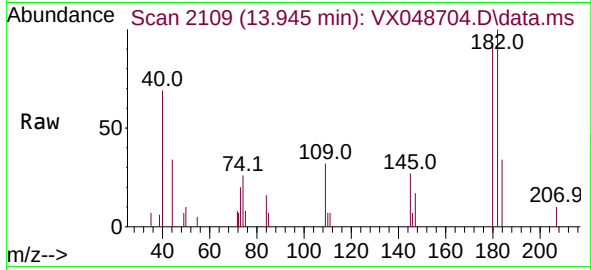
Tgt Ion:	128	Resp:	2855
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.2	15.4
129	8.8	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.457 ug/l
 RT: 13.945 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: VX048704.D
 Acq: 03 Dec 2025 14:38

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



Tgt Ion:180 Resp: 1165
 Ion Ratio Lower Upper
 180 100
 182 105.0 47.8 143.4
 145 35.1 16.8 50.4

Manual Integrations
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Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

