

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063703.D
 Acq On : 11 Nov 2025 14:07
 Operator : MD/SY
 Sample : Q3530-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 02:26:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 12 02:25:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.344	168	192803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.222	114	317337	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	300659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.791	152	144844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.676	65	137258	48.192	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.380%		
35) Dibromofluoromethane	5.261	113	106878	48.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	7.872	98	369459	46.270	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.540%		
62) 4-Bromofluorobenzene	10.611	95	153559	46.490	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.370	85	109	0.094	ug/l #	41
3) Chloromethane	1.509	50	559m	0.413	ug/l	
4) Vinyl Chloride	1.589	62	446	0.311	ug/l	89
5) Bromomethane	1.840	94	720	0.716	ug/l	97
6) Chloroethane	1.917	64	176	0.163	ug/l #	1
7) Trichlorofluoromethane	2.126	101	381	0.139	ug/l #	76
8) Diethyl Ether	2.367	74	188m	0.161	ug/l	
9) 1,1,2-Trichlorotrifluo...	2.560	101	273	0.157	ug/l #	49
10) Methyl Iodide	2.708	142	585	0.337	ug/l #	71
11) Tert butyl alcohol	3.164	59	1735	2.611	ug/l #	73
12) 1,1-Dichloroethene	2.557	96	408	0.272	ug/l	94
13) Acrolein	2.464	56	529m	9.957	ug/l	
14) Allyl chloride	2.898	41	946	0.338	ug/l #	61
15) Acrylonitrile	3.325	53	1097m	0.806	ug/l	
16) Acetone	2.608	43	3281	1.761	ug/l	97
17) Carbon Disulfide	2.769	76	1247	0.565	ug/l #	76
18) Methyl Acetate	2.930	43	637m	0.144	ug/l	
19) Methyl tert-butyl Ether	3.345	73	746	0.110	ug/l #	54
20) Methylene Chloride	3.020	84	4368	2.057	ug/l	96
21) trans-1,2-Dichloroethene	3.332	96	598	0.389	ug/l #	84
22) Diisopropyl ether	3.981	45	903m	0.147	ug/l	
23) Vinyl Acetate	3.988	43	2361m	0.562	ug/l	
24) 1,1-Dichloroethane	3.846	63	325	0.092	ug/l #	81
25) 2-Butanone	4.775	43	1872m	0.955	ug/l	
26) 2,2-Dichloropropane	4.644	77	340m	0.111	ug/l	
27) cis-1,2-Dichloroethene	4.650	96	420m	0.187	ug/l	
28) Bromochloromethane	4.959	49	179m	0.126	ug/l	
29) Tetrahydrofuran	5.052	42	1322m	1.159	ug/l	
30) Chloroform	5.058	83	721	0.185	ug/l #	68
31) Cyclohexane	5.338	56	4743	1.891	ug/l #	20
32) 1,1,1-Trichloroethane	5.283	97	329m	0.103	ug/l	
36) 1,1-Dichloropropene	5.496	75	891m	0.394	ug/l	
37) Ethyl Acetate	4.775	43	1895m	0.592	ug/l	
38) Carbon Tetrachloride	5.499	117	518m	0.212	ug/l	
39) Methylcyclohexane	6.737	83	350m	0.136	ug/l	
40) Benzene	5.753	78	1397	0.191	ug/l #	85

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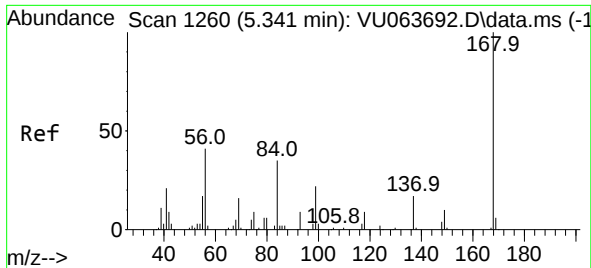
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.052	41	1161m	0.697	ug/l	
42) 1,2-Dichloroethane	5.769	62	629m	0.218	ug/l	
43) Isopropyl Acetate	5.904	43	734	0.156	ug/l #	60
44) Trichloroethene	6.521	130	730	0.356	ug/l	83
45) 1,2-Dichloropropane	6.772	63	196	0.099	ug/l #	44
46) Dibromomethane	6.904	93	169	0.113	ug/l #	52
47) Bromodichloromethane	7.084	83	435	0.144	ug/l #	73
48) Methyl methacrylate	7.007	41	707m	0.307	ug/l	
49) 1,4-Dioxane	6.978	88	89	1.458	ug/l #	44
51) 4-Methyl-2-Pentanone	7.775	43	6956	1.936	ug/l	97
52) Toluene	7.955	92	1013	0.214	ug/l #	67
53) t-1,3-Dichloropropene	8.196	75	720	0.283	ug/l	90
54) cis-1,3-Dichloropropene	7.598	75	783	0.275	ug/l	90
55) 1,1,2-Trichloroethane	8.383	97	285	0.131	ug/l #	57
56) Ethyl methacrylate	8.322	69	724	0.226	ug/l #	77
57) 1,3-Dichloropropane	8.560	76	637	0.180	ug/l	89
59) 2-Hexanone	8.695	43	9300m	3.475	ug/l	
60) Dibromochloromethane	8.782	129	293	0.129	ug/l	83
61) 1,2-Dibromoethane	8.910	107	353	0.169	ug/l #	65
64) Tetrachloroethene	8.524	164	499	0.257	ug/l #	80
65) Chlorobenzene	9.425	112	1914	0.326	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.505	131	154	0.077	ug/l #	33
67) Ethyl Benzene	9.556	91	3061	0.313	ug/l	100
68) m/p-Xylenes	9.679	106	2204	0.610	ug/l	100
69) o-Xylene	10.090	106	766m	0.206	ug/l	
70) Styrene	10.103	104	2043	0.341	ug/l	93
71) Bromoform	10.267	173	306	0.190	ug/l #	29
73) Isopropylbenzene	10.463	105	2878	0.316	ug/l	85
74) N-amyl acetate	10.328	43	3038m	0.958	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.756	83	765	0.219	ug/l #	89
76) 1,2,3-Trichloropropane	10.807	75	1091m	0.299	ug/l	
77) Bromobenzene	10.769	156	1139	0.497	ug/l	85
78) n-propylbenzene	10.888	91	5508	0.528	ug/l	96
79) 2-Chlorotoluene	10.965	91	2762	0.409	ug/l	92
80) 1,3,5-Trimethylbenzene	11.071	105	2561	0.336	ug/l	98
82) 4-Chlorotoluene	11.081	91	4225	0.551	ug/l	92
83) tert-Butylbenzene	11.396	119	2430	0.306	ug/l	88
84) 1,2,4-Trimethylbenzene	11.447	105	3090	0.413	ug/l	91
85) sec-Butylbenzene	11.624	105	4841	0.482	ug/l	98
86) p-Isopropyltoluene	11.769	119	4937	0.613	ug/l	92
87) 1,3-Dichlorobenzene	11.730	146	2661	0.619	ug/l	93
88) 1,4-Dichlorobenzene	11.814	146	3431m	0.762	ug/l	
89) n-Butylbenzene	12.193	91	9312	1.258	ug/l	97
90) Hexachloroethane	12.444	117	60	0.049	ug/l #	55
91) 1,2-Dichlorobenzene	12.196	146	2286m	0.532	ug/l	
92) 1,2-Dibromo-3-Chloropr...	12.984	75	106	0.148	ug/l #	23
93) 1,2,4-Trichlorobenzene	13.820	180	4636	1.693	ug/l	94
94) Hexachlorobutadiene	13.994	225	923	0.669	ug/l	93
95) Naphthalene	14.068	128	19423	2.619	ug/l	98
96) 1,2,3-Trichlorobenzene	14.309	180	4562	1.792	ug/l	95

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

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MSVOA_U
ClientSampleId :
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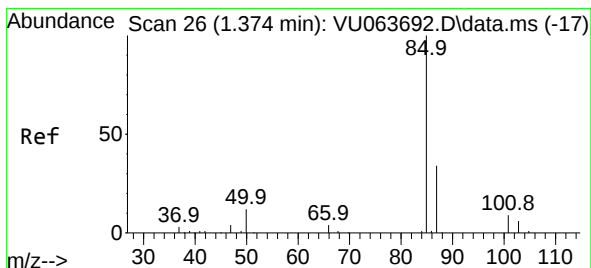
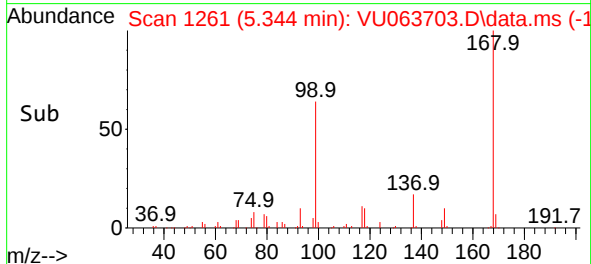
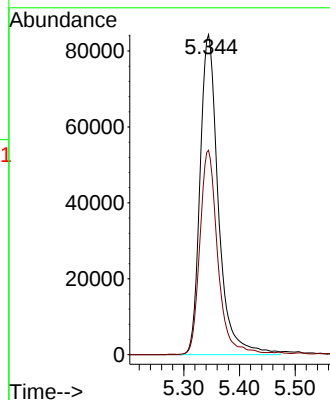
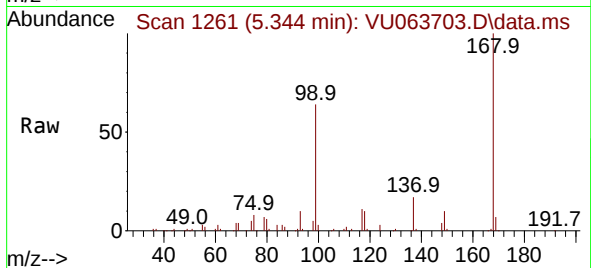
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.344 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:168 Resp: 19280
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4

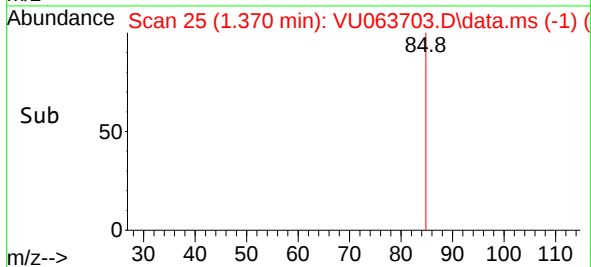
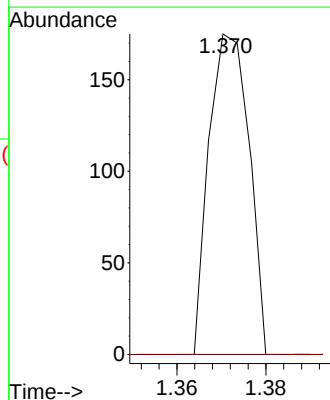
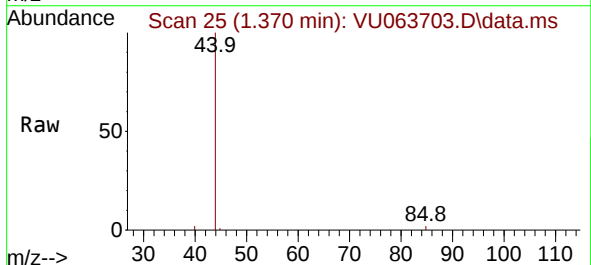
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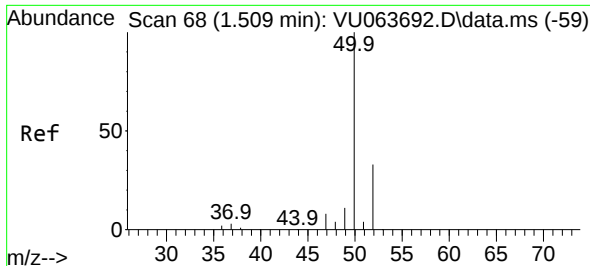
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#2
Dichlorodifluoromethane
Concen: 0.094 ug/l
RT: 1.370 min Scan# 25
Delta R.T. -0.004 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

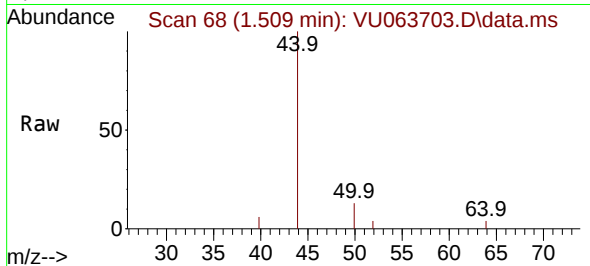
Tgt Ion: 85 Resp: 109
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#





#3
Chloromethane
Concen: 0.413 ug/l m
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

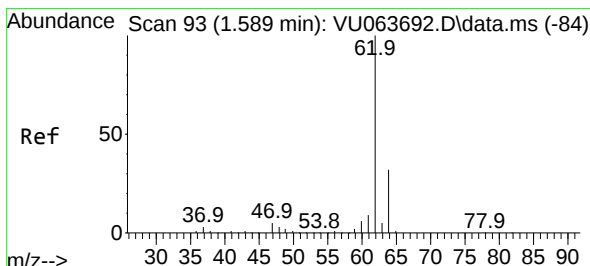
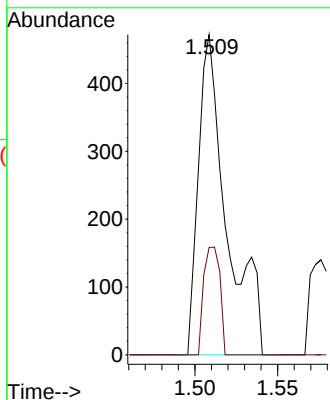
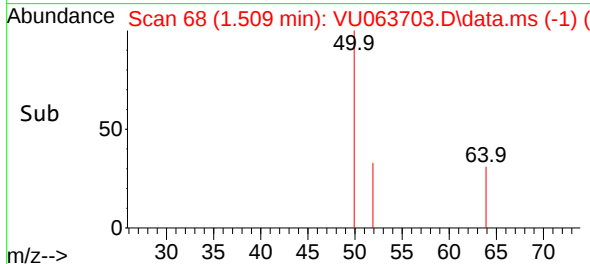
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 50 Resp: 559
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5

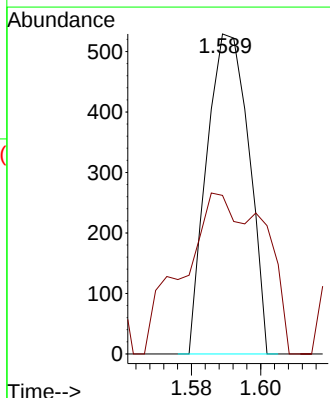
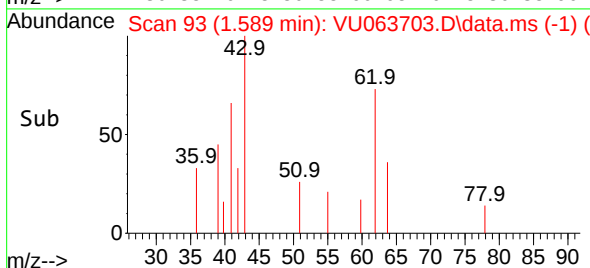
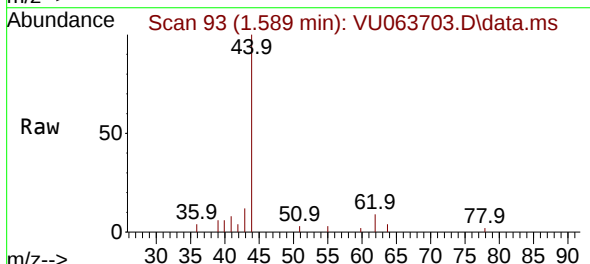
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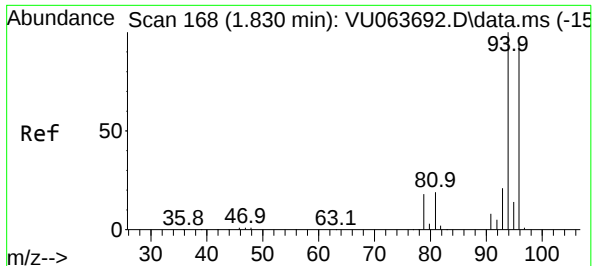
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#4
Vinyl Chloride
Concen: 0.311 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

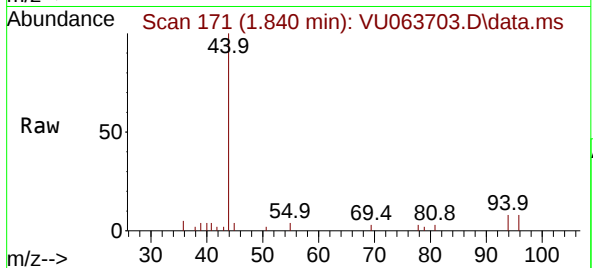
Tgt Ion: 62 Resp: 446
Ion Ratio Lower Upper
62 100
64 26.3 25.9 38.9





#5
Bromomethane
Concen: 0.716 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

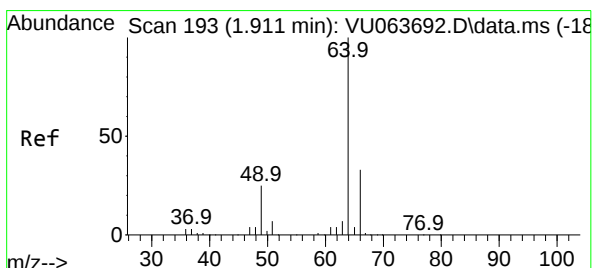
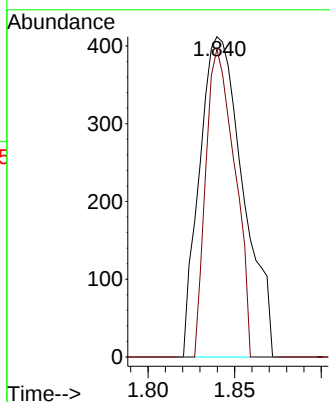
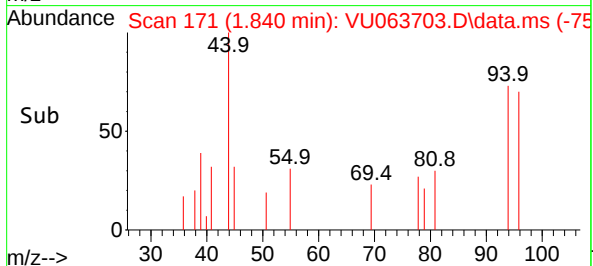
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



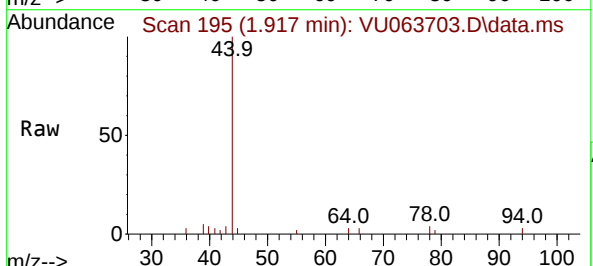
Tgt Ion: 94 Resp: 720
Ion Ratio Lower Upper
94 100
96 96.1 74.8 112.2

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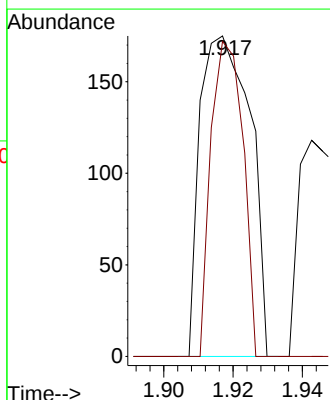
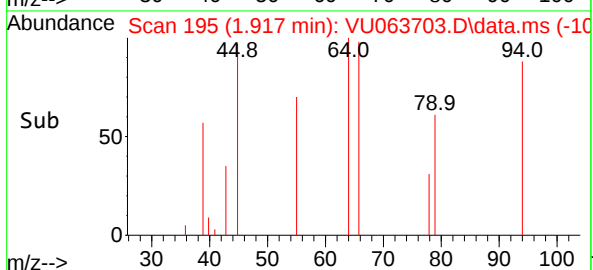
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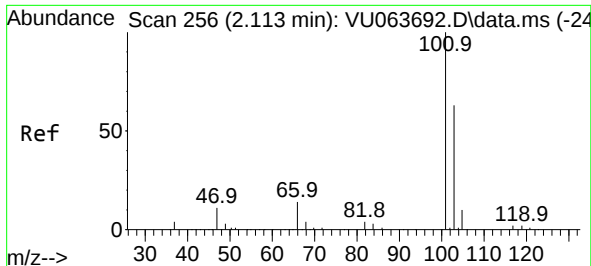


#6
Chloroethane
Concen: 0.163 ug/l
RT: 1.917 min Scan# 195
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07



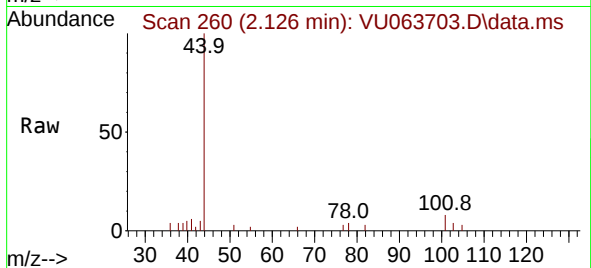
Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 98.3 26.4 39.6#





#7
Trichlorofluoromethane
Concen: 0.139 ug/l
RT: 2.126 min Scan# 20
Delta R.T. 0.013 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

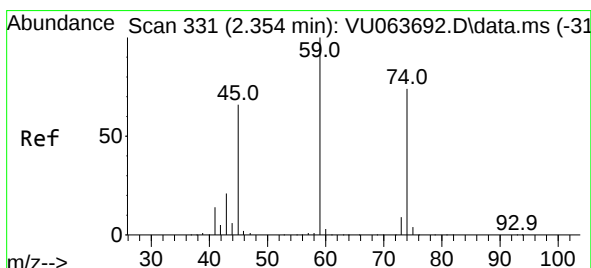
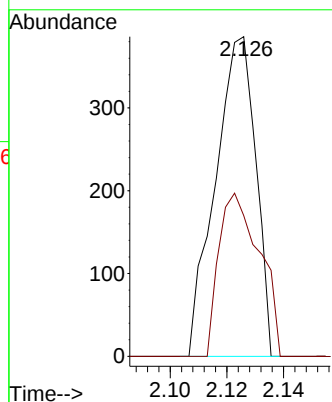
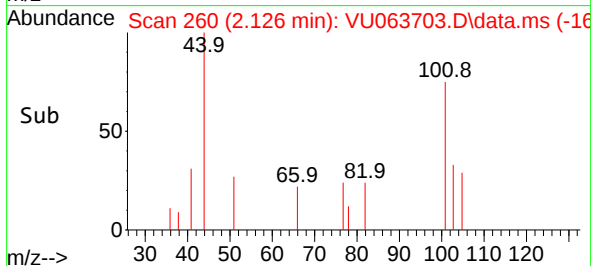
Instrument :
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Tgt Ion:101 Resp: 38
Ion Ratio Lower Upper
101 100
103 44.0 50.3 75.5

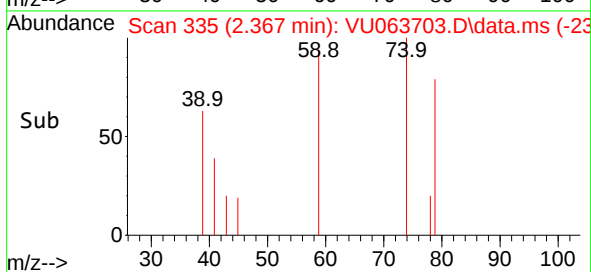
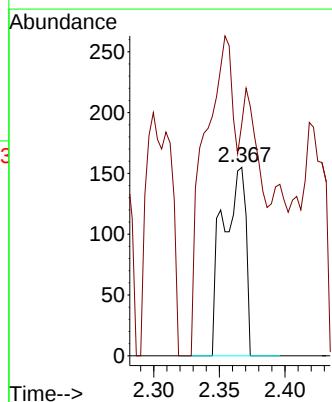
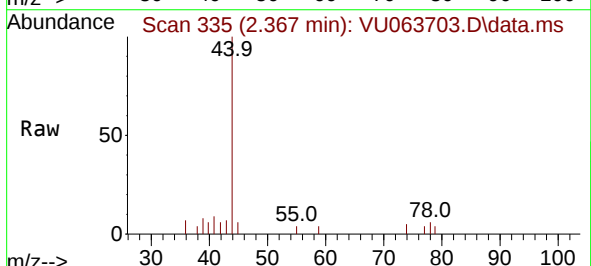
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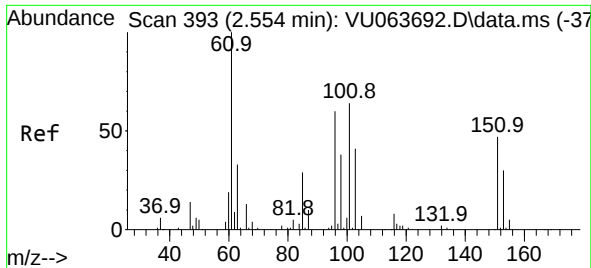
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#8
Diethyl Ether
Concen: 0.161 ug/l m
RT: 2.367 min Scan# 335
Delta R.T. 0.013 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 74 Resp: 188
Ion Ratio Lower Upper
74 100
45 226.1 44.1 132.4#





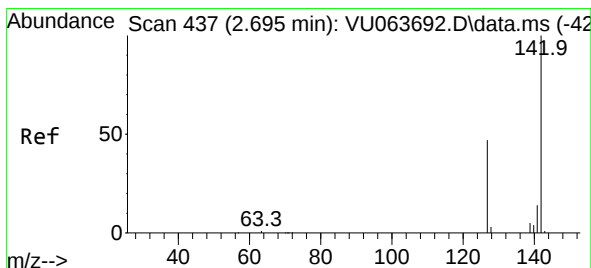
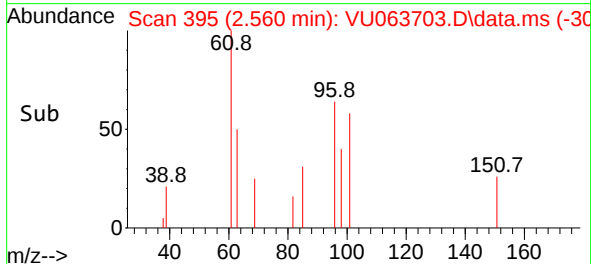
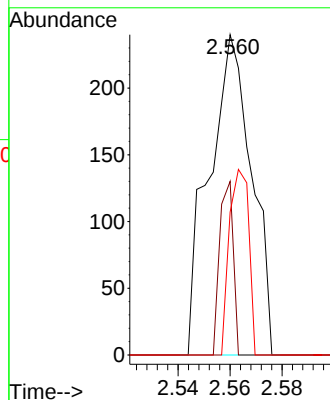
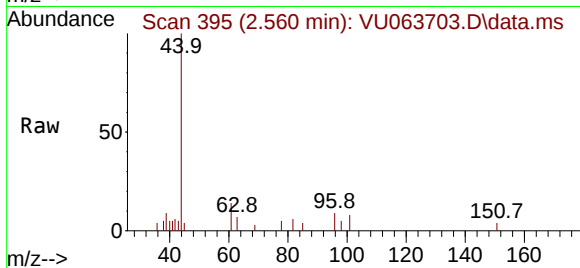
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1,1,2-Trichlorotrifluoroethane
Concen: 0.157 ug/l
RT: 2.560 min Scan# 393
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

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Tgt Ion:101 Resp: 273
Ion Ratio Lower Upper
101 100
85 17.2 36.2 54.4#
151 26.4 58.5 87.7#

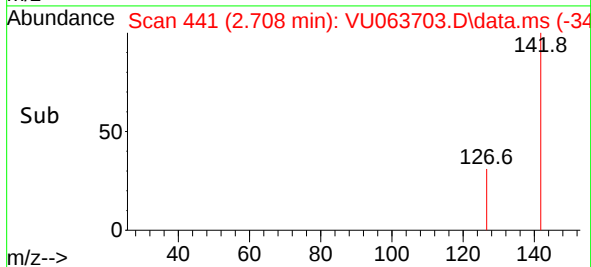
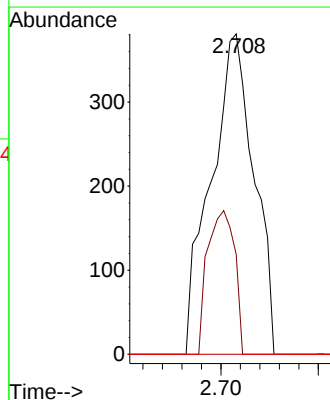
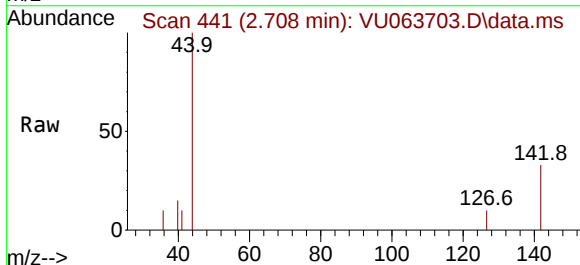
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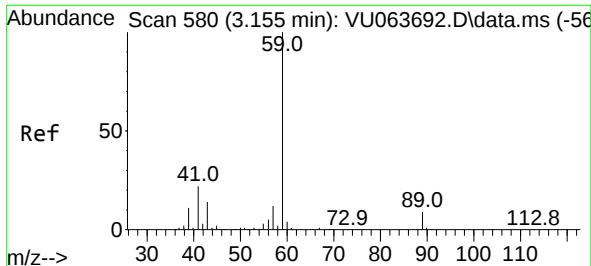
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Methyl Iodide
Concen: 0.337 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.013 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion:142 Resp: 585
Ion Ratio Lower Upper
142 100
127 28.2 37.2 55.8#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 2.611 ug/l

RT: 3.164 min Scan# 580

Delta R.T. 0.009 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 59 Resp: 173

Ion Ratio Lower Upper

59 100

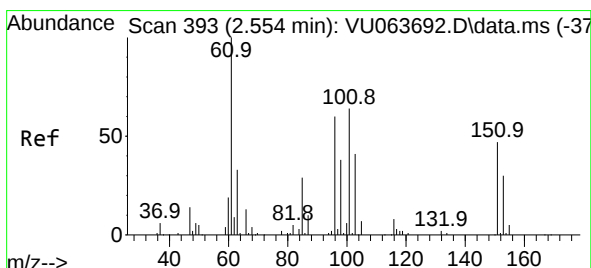
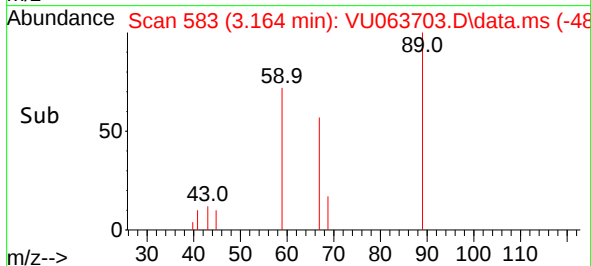
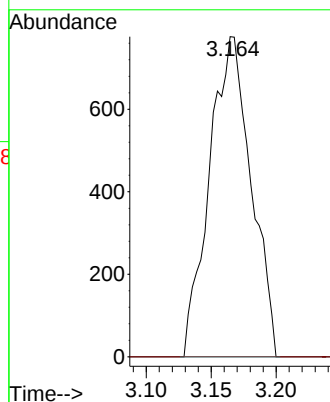
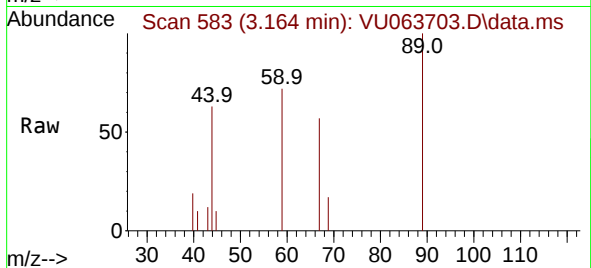
57 0.0 8.2 12.2

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#12

1,1-Dichloroethene

Concen: 0.272 ug/l

RT: 2.557 min Scan# 394

Delta R.T. 0.003 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

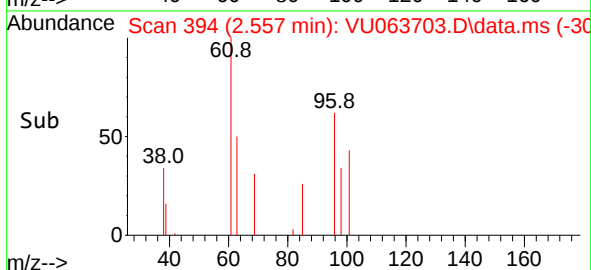
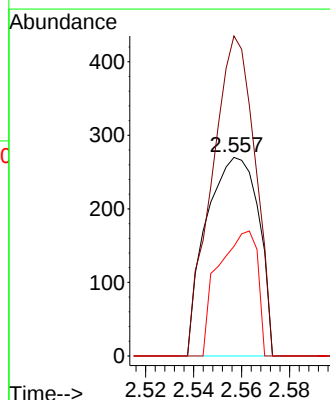
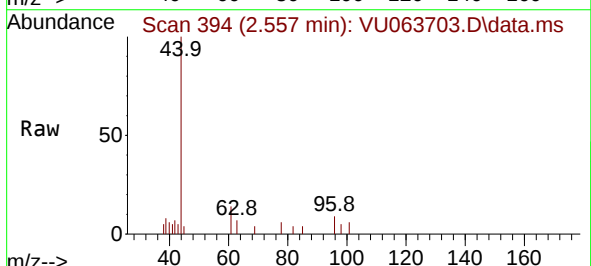
Tgt Ion: 96 Resp: 408

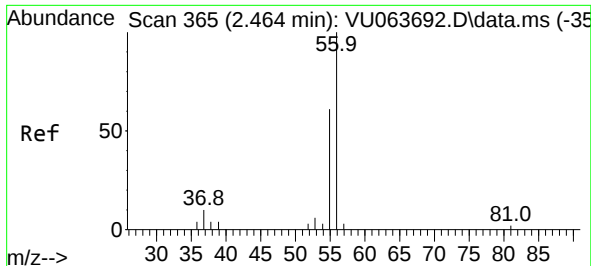
Ion Ratio Lower Upper

96 100

61 161.1 133.1 199.7

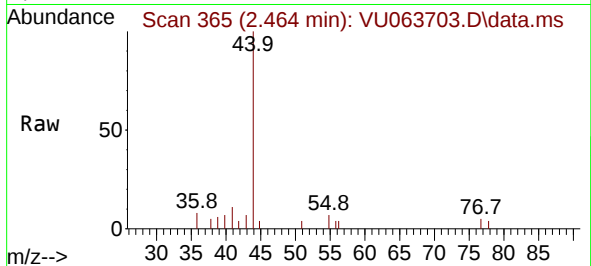
98 55.2 50.7 76.1





#13
Acrolein
Concen: 9.957 ug/l m
RT: 2.464 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

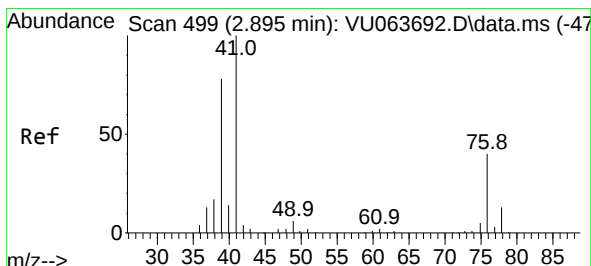
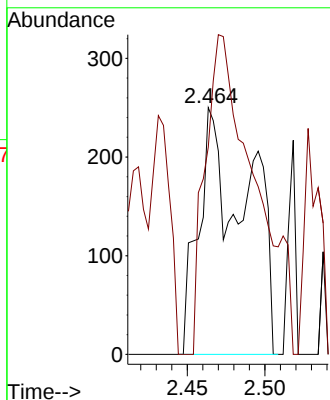
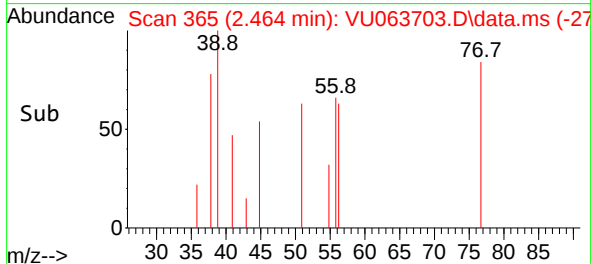
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 529
Ion Ratio Lower Upper
56 100
55 135.5 47.1 70.7#

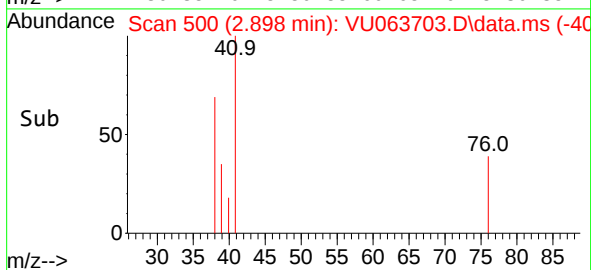
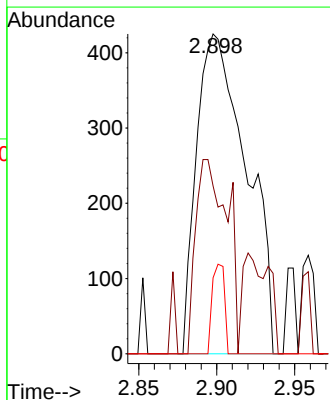
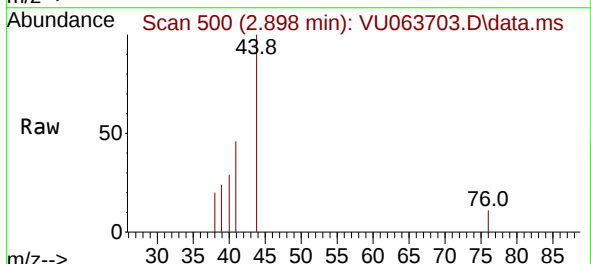
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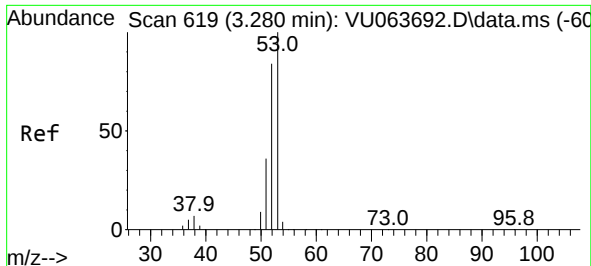
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Allyl chloride
Concen: 0.338 ug/l
RT: 2.898 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 41 Resp: 946
Ion Ratio Lower Upper
41 100
39 38.1 53.1 79.7#
76 6.9 26.4 39.6#





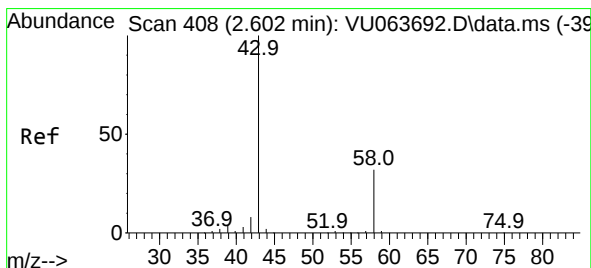
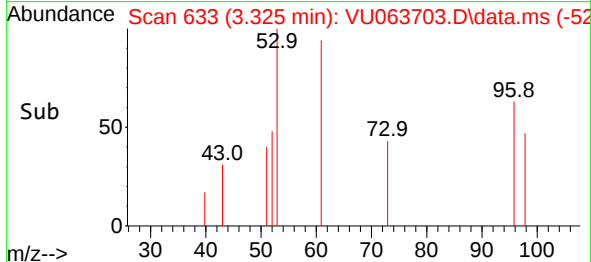
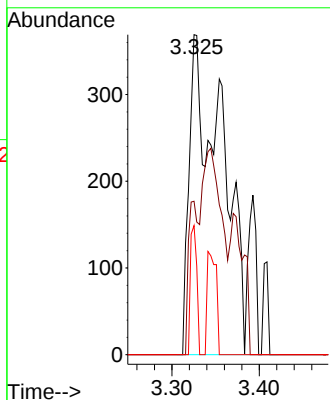
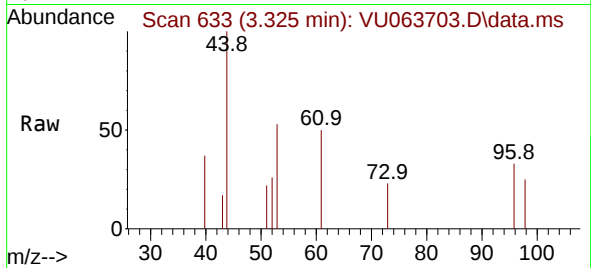
#15
Acrylonitrile
Concen: 0.806 ug/l m
RT: 3.325 min Scan# 619
Delta R.T. 0.045 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 53 Resp: 109
Ion Ratio Lower Upper
53 100
52 13.9 67.5 101.3
51 6.8 29.0 43.6

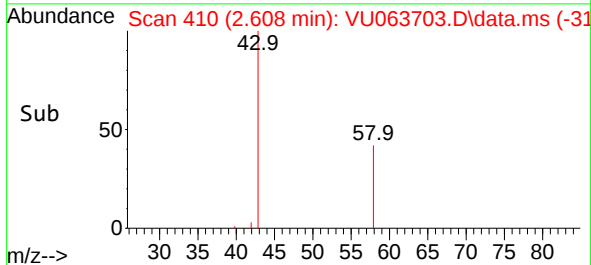
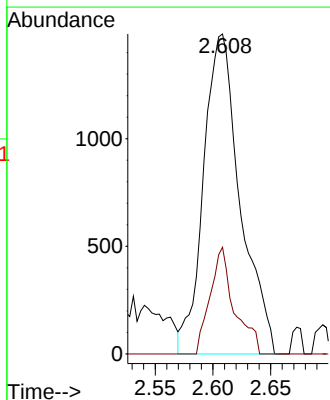
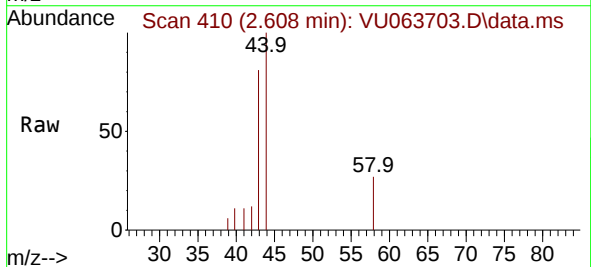
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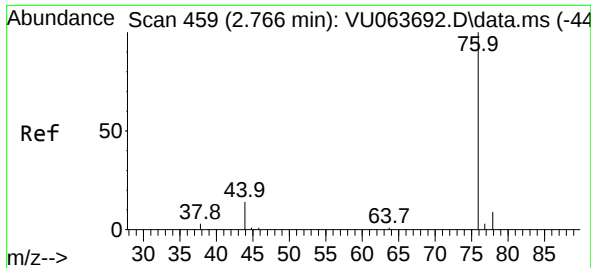
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
Acetone
Concen: 1.761 ug/l
RT: 2.608 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

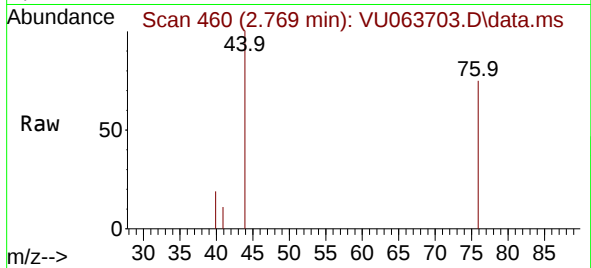
Tgt Ion: 43 Resp: 3281
Ion Ratio Lower Upper
43 100
58 33.4 25.4 38.2





#17
Carbon Disulfide
Concen: 0.565 ug/l
RT: 2.769 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

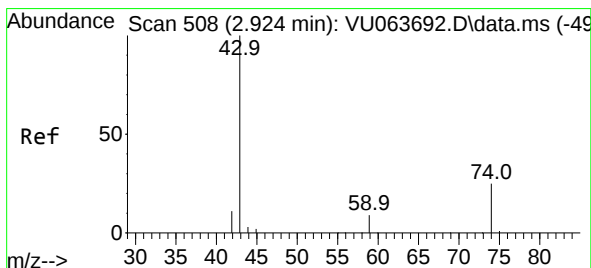
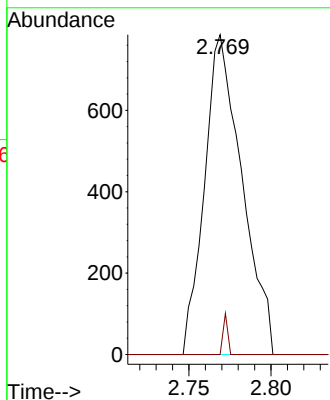
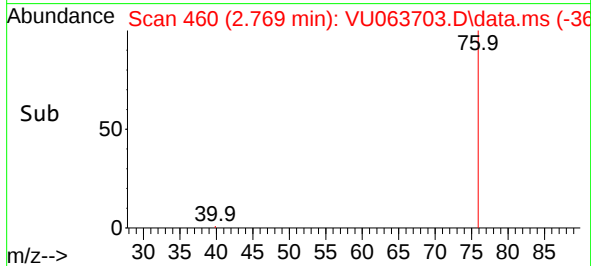
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 76 Resp: 124
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6

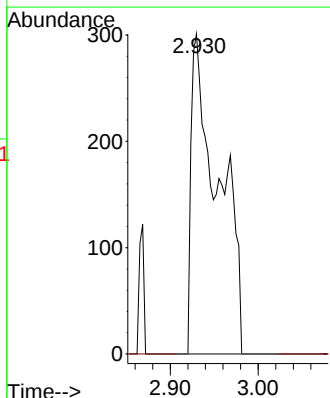
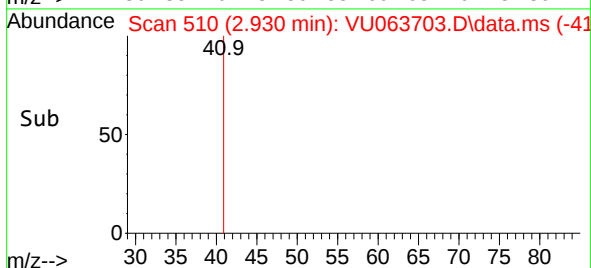
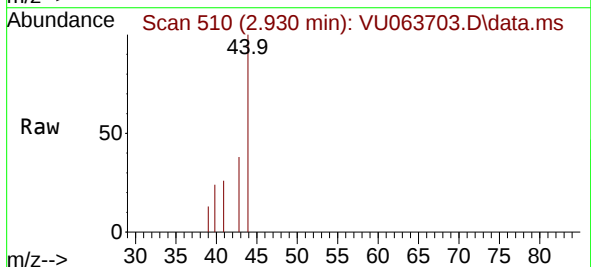
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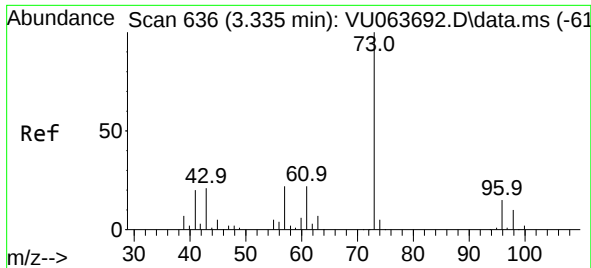
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#18
Methyl Acetate
Concen: 0.144 ug/l m
RT: 2.930 min Scan# 510
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#





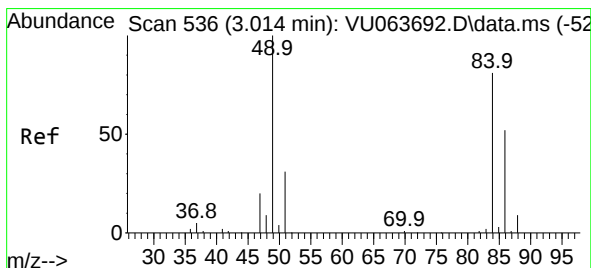
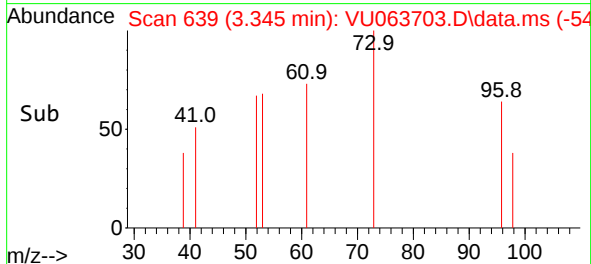
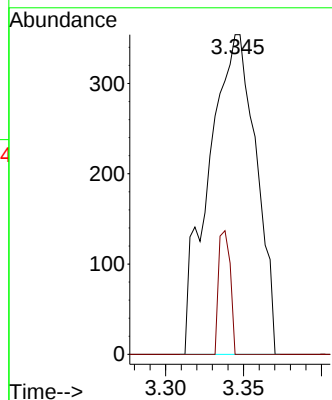
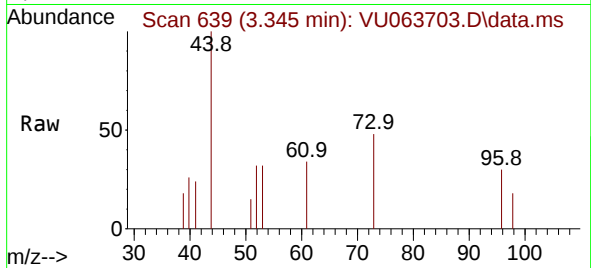
#19
Methyl tert-butyl Ether
Concen: 0.110 ug/l
RT: 3.345 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 73 Resp: 740
Ion Ratio Lower Upper
73 100
57 0.0 17.4 26.2

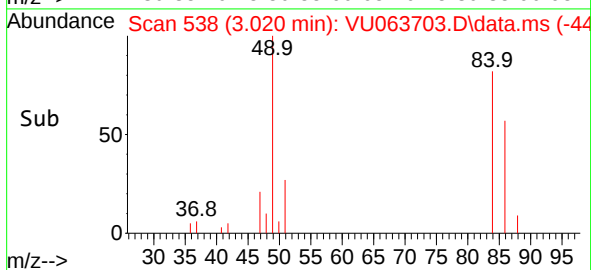
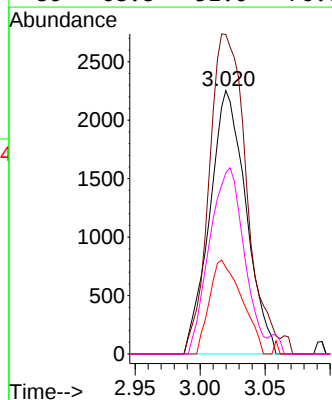
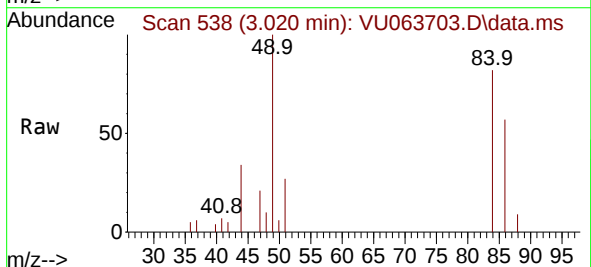
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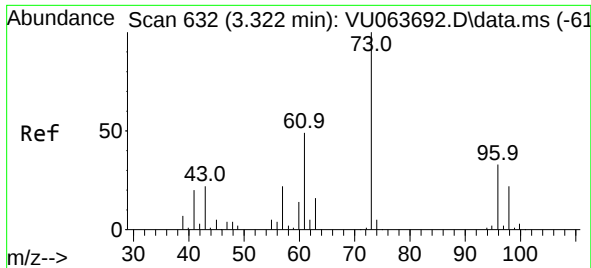
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 2.057 ug/l
RT: 3.020 min Scan# 538
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

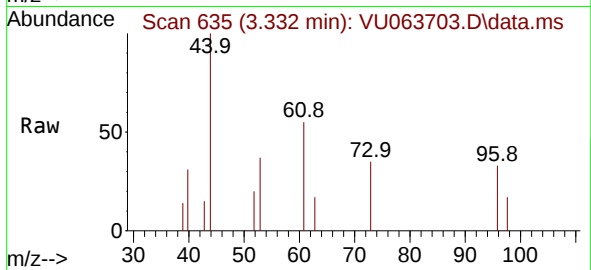
Tgt Ion: 84 Resp: 4368
Ion Ratio Lower Upper
84 100
49 121.3 98.4 147.6
51 32.9 30.1 45.1
86 68.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 0.389 ug/l
RT: 3.332 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

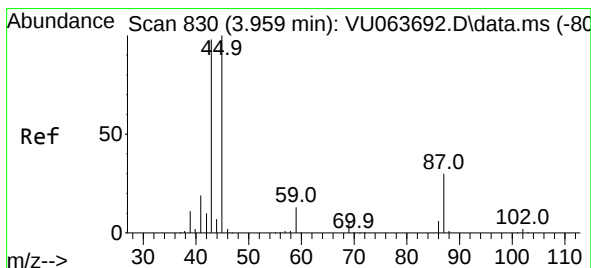
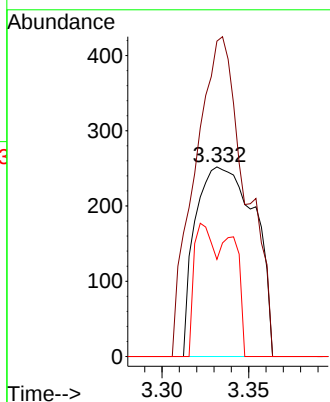
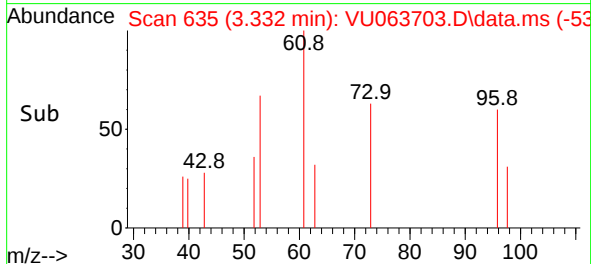
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 598
Ion Ratio Lower Upper
96 100
61 166.3 117.5 176.3
98 51.2 52.7 79.1

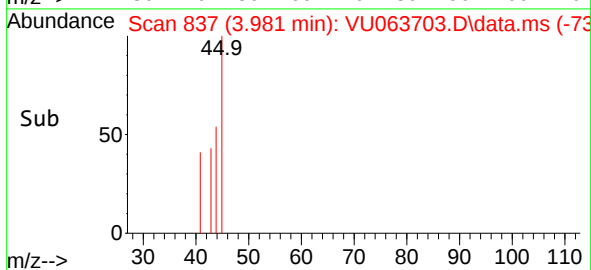
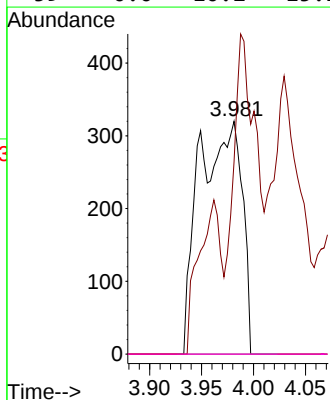
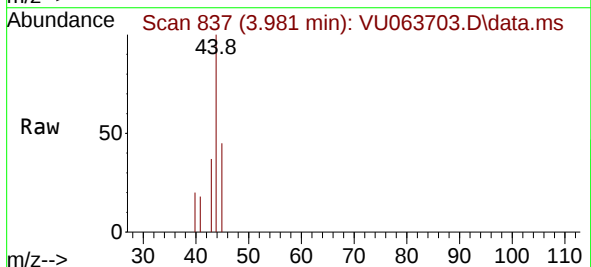
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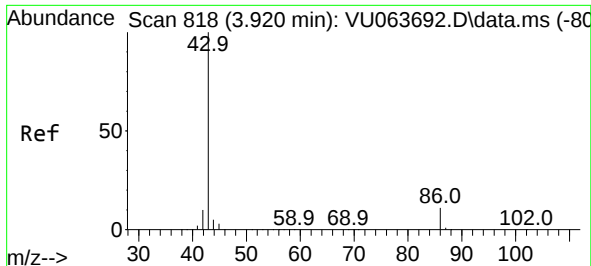
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
Diisopropyl ether
Concen: 0.147 ug/l m
RT: 3.981 min Scan# 837
Delta R.T. 0.022 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 45 Resp: 903
Ion Ratio Lower Upper
45 100
43 82.5 78.1 117.1
87 0.0 23.8 35.8#
59 0.0 10.2 15.2#





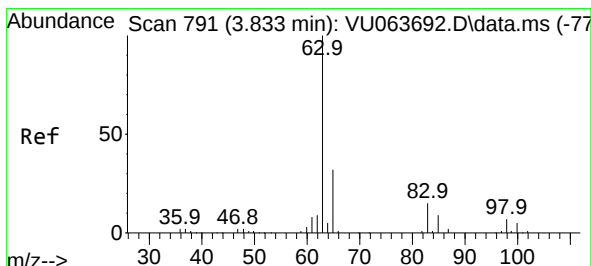
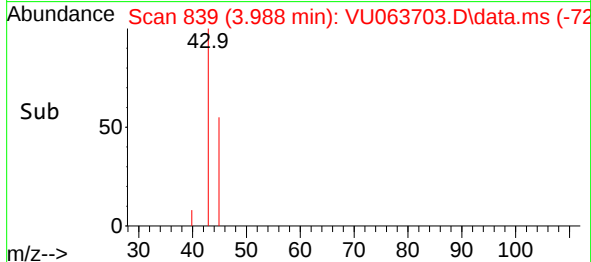
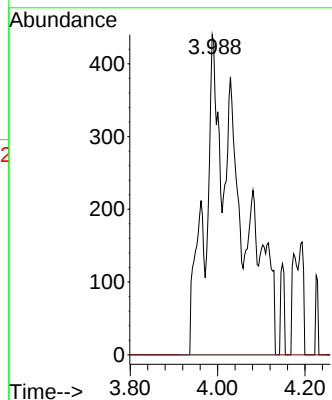
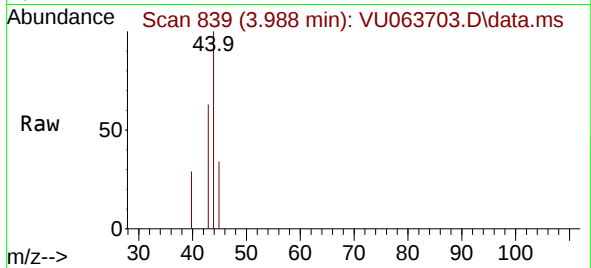
#23
 Vinyl Acetate
 Concen: 0.562 ug/l m
 RT: 3.988 min Scan# 818
 Delta R.T. 0.068 min
 Lab File: VU063703.D
 Acq: 11 Nov 2025 14:07

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 236
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1

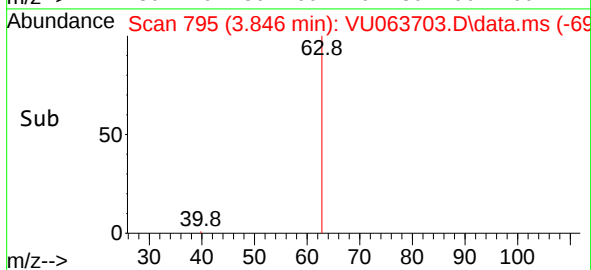
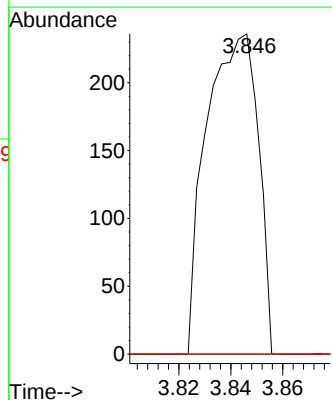
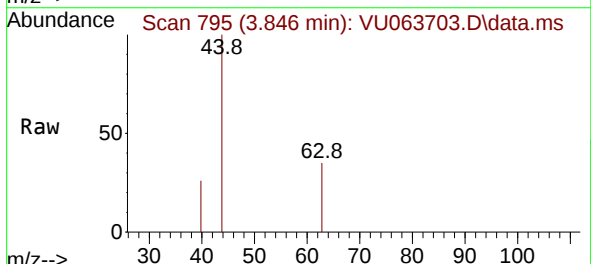
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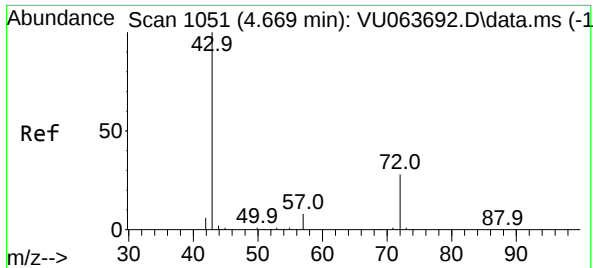
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#24
 1,1-Dichloroethane
 Concen: 0.092 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. 0.013 min
 Lab File: VU063703.D
 Acq: 11 Nov 2025 14:07

Tgt Ion: 63 Resp: 325
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.7 11.1#
 100 0.0 2.5 7.5#





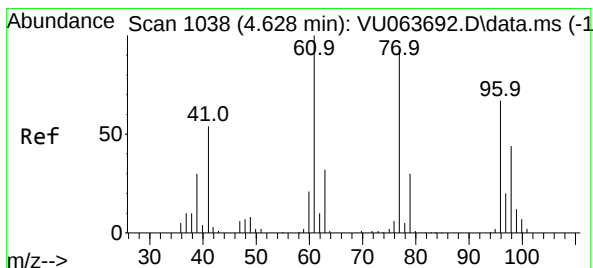
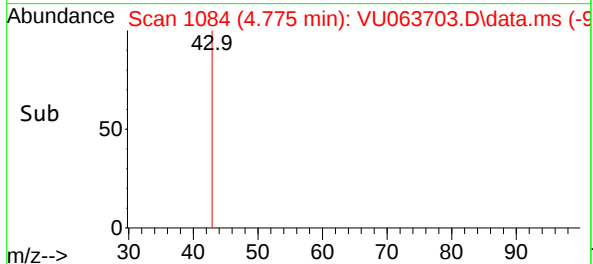
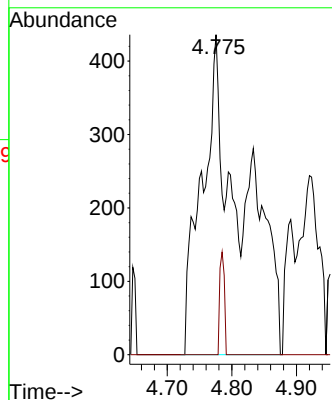
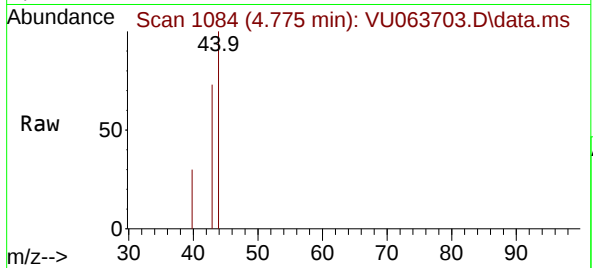
#25
2-Butanone
Concen: 0.955 ug/l m
RT: 4.775 min Scan# 1084
Delta R.T. 0.106 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0

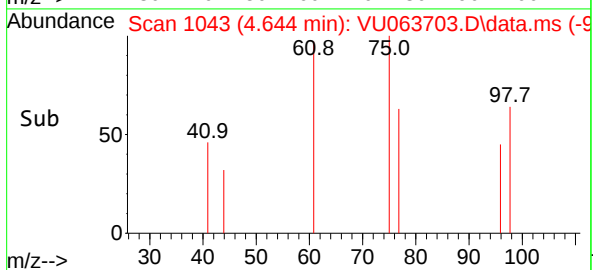
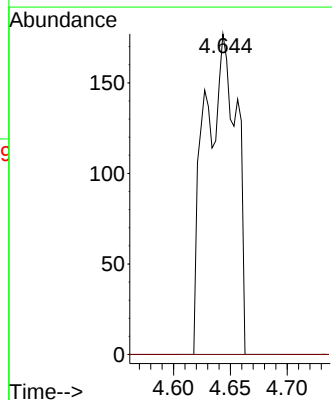
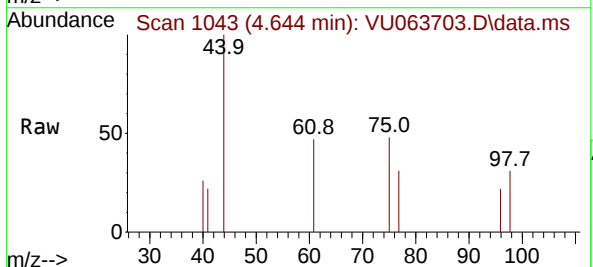
Manual Integrations
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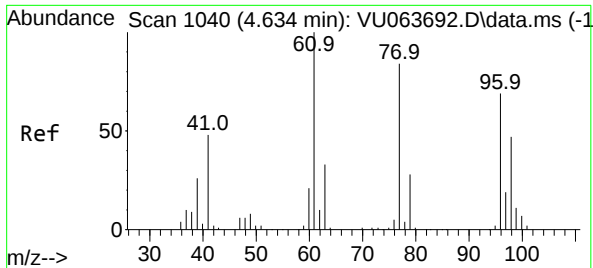
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
2,2-Dichloropropane
Concen: 0.111 ug/l m
RT: 4.644 min Scan# 1043
Delta R.T. 0.016 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

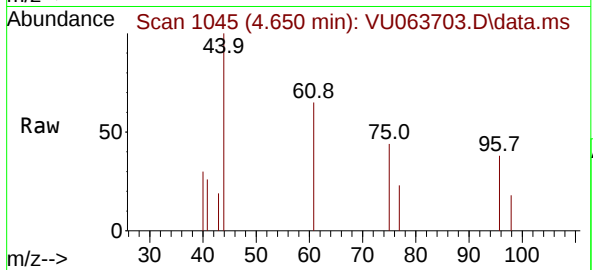
Tgt Ion: 77 Resp: 340
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9





#27
cis-1,2-Dichloroethene
Concen: 0.187 ug/l m
RT: 4.650 min Scan# 1140
Delta R.T. 0.016 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

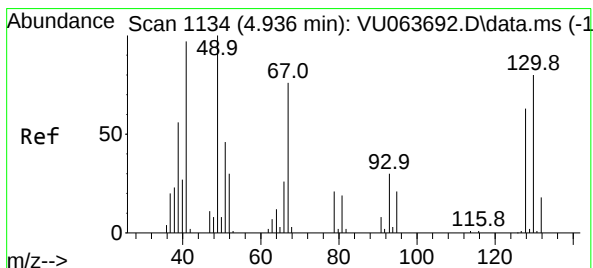
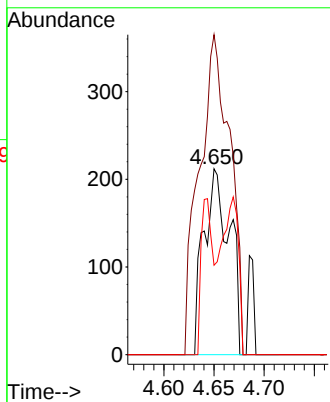
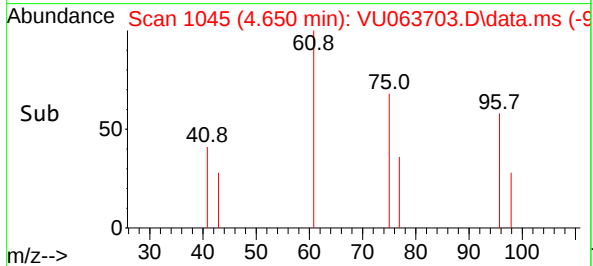
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 420
Ion Ratio Lower Upper
96 100
61 185.2 0.0 295.4
98 33.3 0.0 131.8

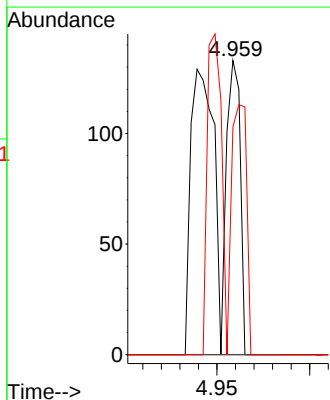
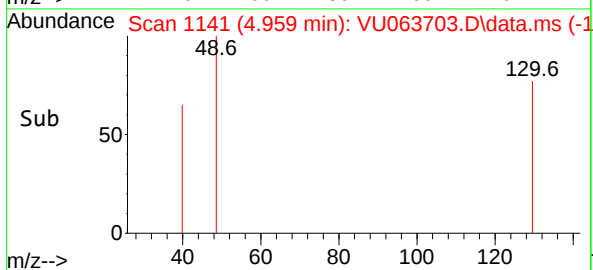
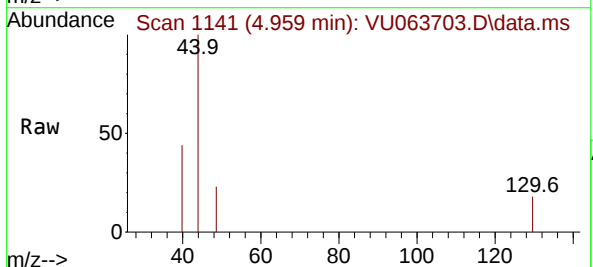
Manual Integrations
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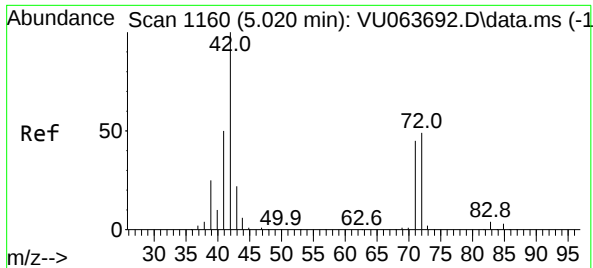
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#28
Bromochloromethane
Concen: 0.126 ug/l m
RT: 4.959 min Scan# 1141
Delta R.T. 0.023 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 49 Resp: 179
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 43.0 65.1 97.7#





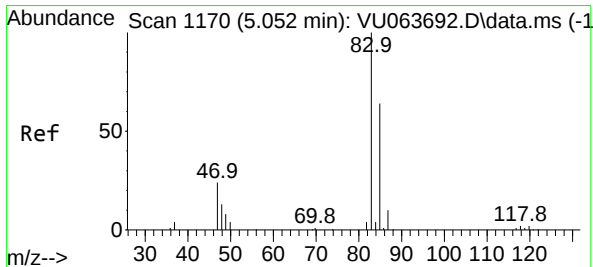
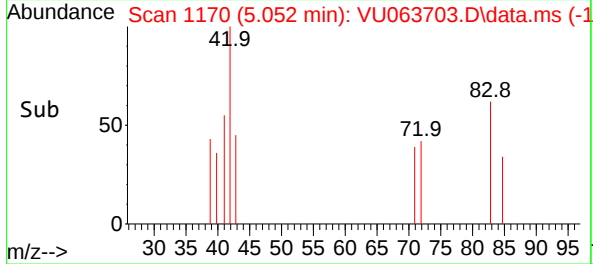
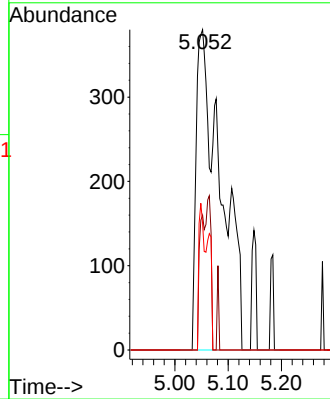
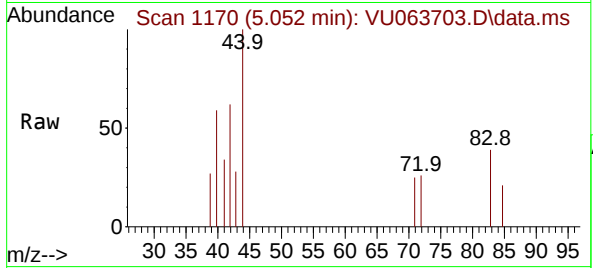
#29
Tetrahydrofuran
Concen: 1.159 ug/l m
RT: 5.052 min Scan# 1160
Delta R.T. 0.032 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 42 Resp: 132
Ion Ratio Lower Upper
42 100
72 8.4 40.0 60.0
71 10.3 37.4 56.0

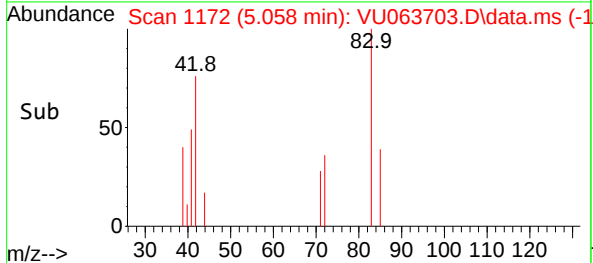
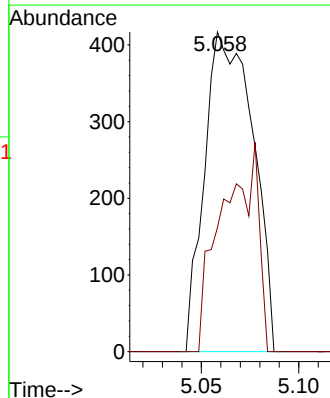
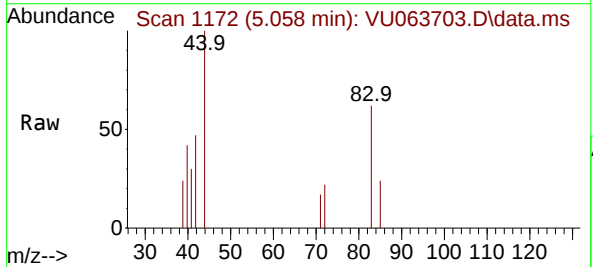
Manual Integrations
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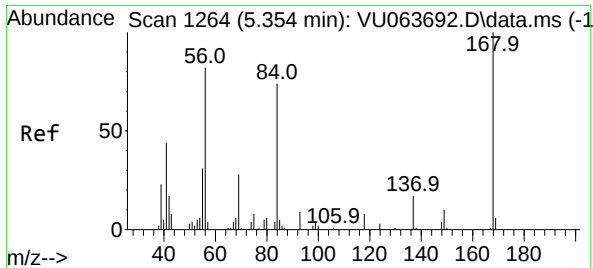
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#30
Chloroform
Concen: 0.185 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

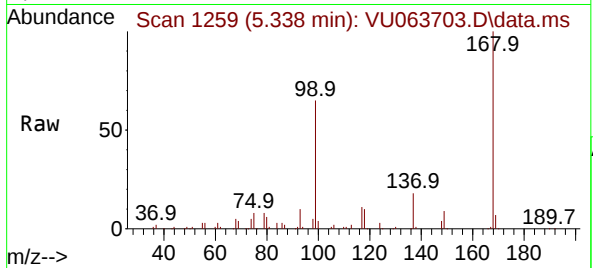
Tgt Ion: 83 Resp: 721
Ion Ratio Lower Upper
83 100
85 38.8 51.0 76.6





#31
Cyclohexane
Concen: 1.891 ug/l
RT: 5.338 min Scan# 1259
Delta R.T. -0.016 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

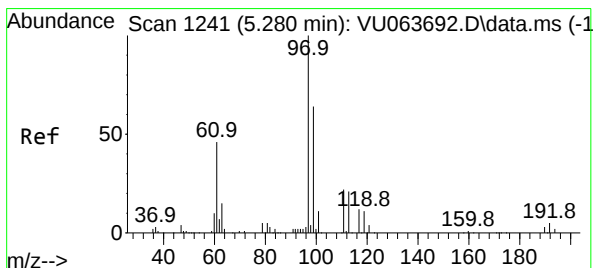
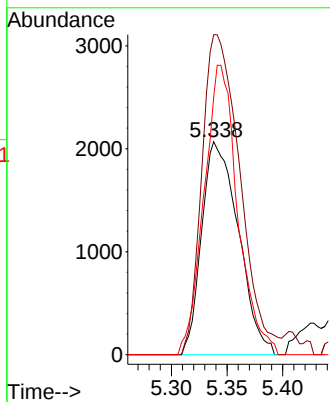
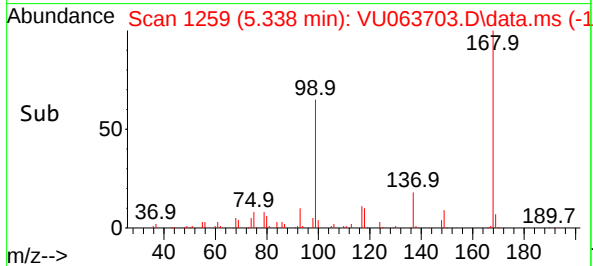
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 474
Ion Ratio Lower Upper
56 100
69 150.3 27.0 40.6
84 121.1 71.8 107.6

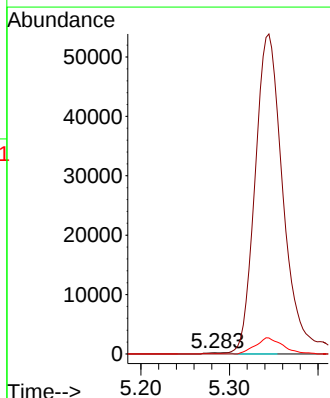
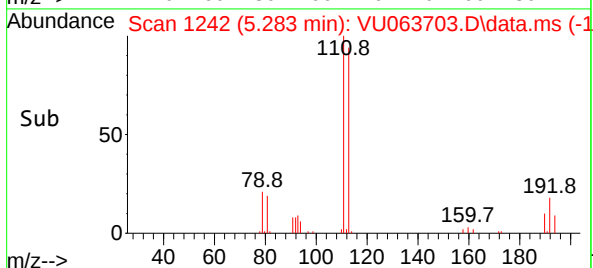
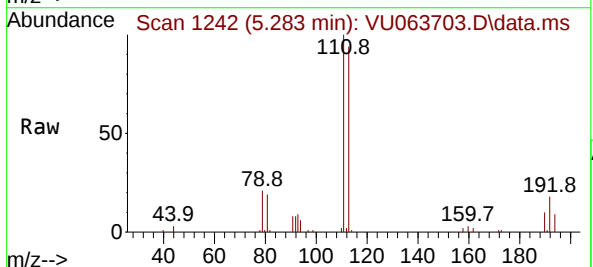
Manual Integrations
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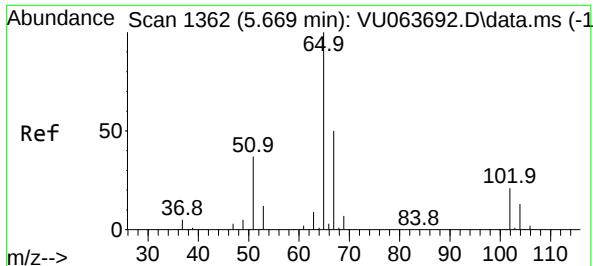
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
1,1,1-Trichloroethane
Concen: 0.103 ug/l m
RT: 5.283 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 97 Resp: 329
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.8#
61 0.0 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 48.192 ug/l

RT: 5.676 min Scan# 1364

Delta R.T. 0.007 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 65 Resp: 137258

Ion Ratio Lower Upper

65 100

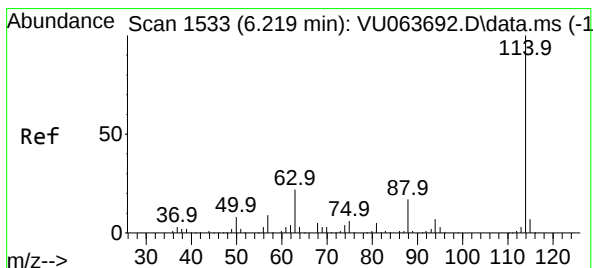
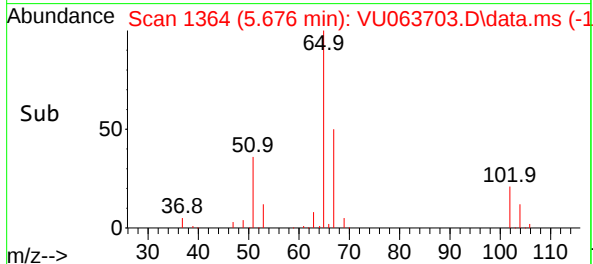
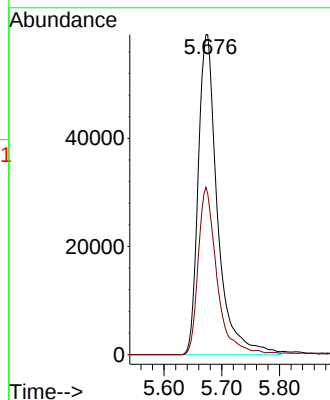
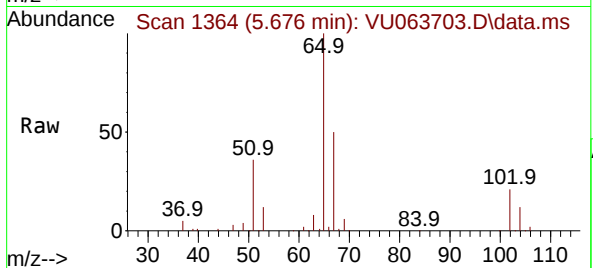
67 50.3 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.222 min Scan# 1534

Delta R.T. 0.003 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

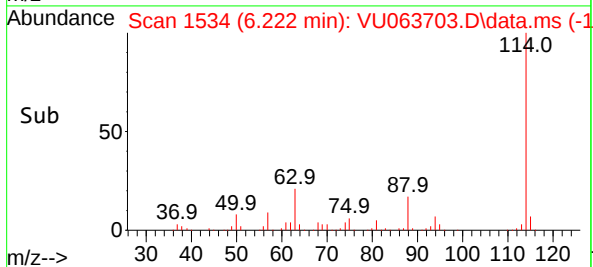
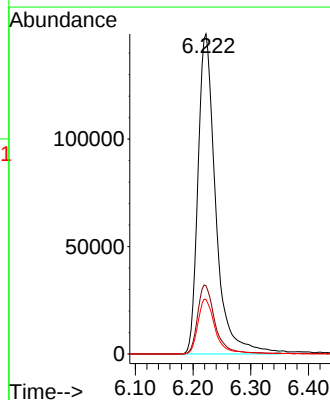
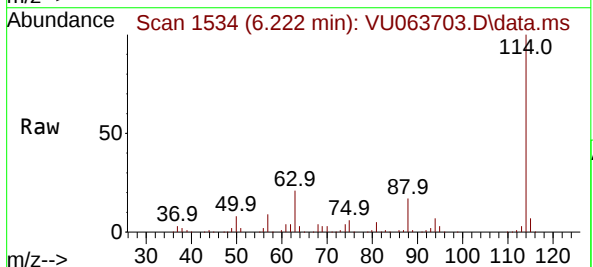
Tgt Ion:114 Resp: 317337

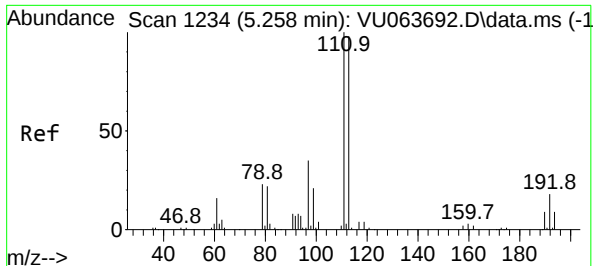
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

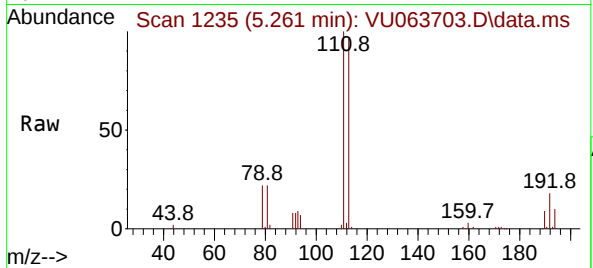
88 17.0 0.0 33.6





#35
Dibromofluoromethane
Concen: 48.086 ug/l
RT: 5.261 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

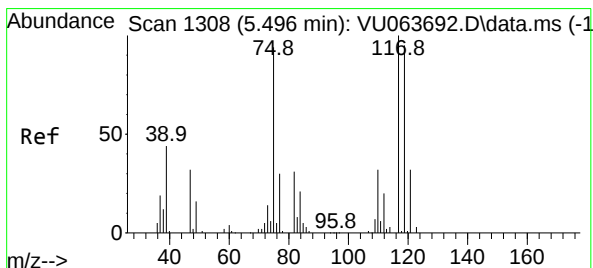
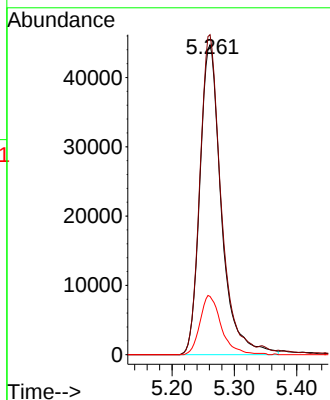
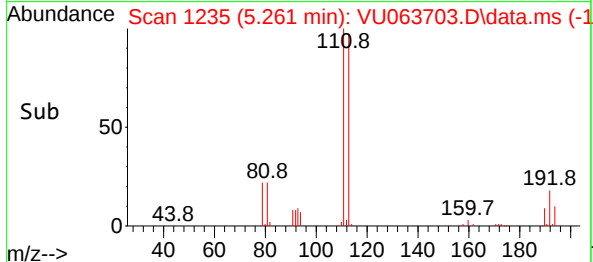
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 113 Resp: 106878
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 18.9 15.4 23.0

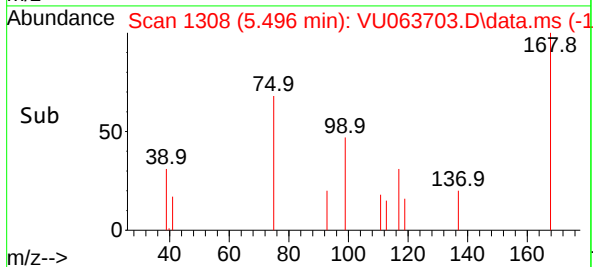
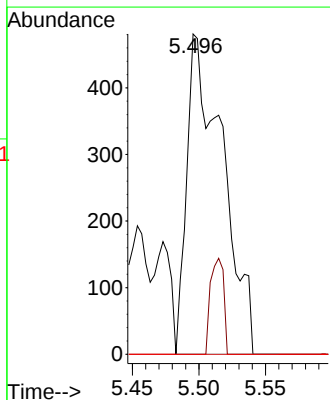
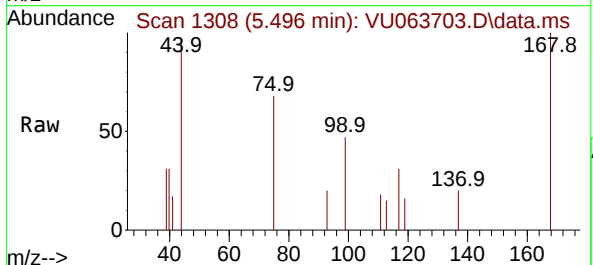
Manual Integrations
APPROVED

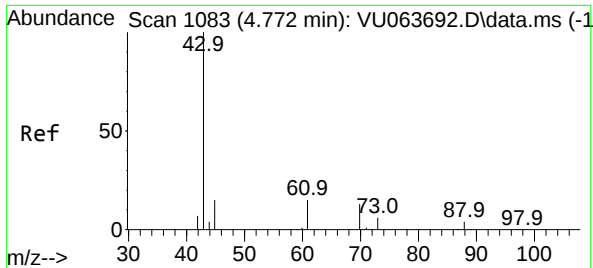
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#36
1,1-Dichloropropene
Concen: 0.394 ug/l m
RT: 5.496 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 75 Resp: 891
Ion Ratio Lower Upper
75 100
110 11.1 17.3 51.7#
77 0.0 24.4 36.6#





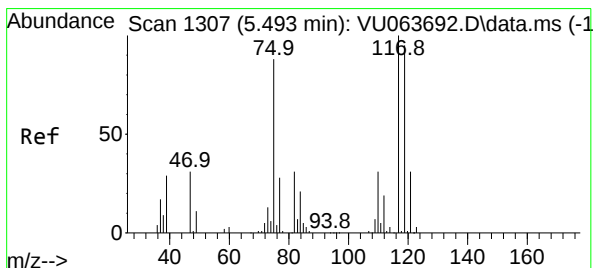
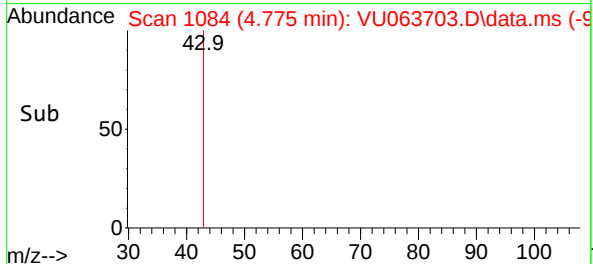
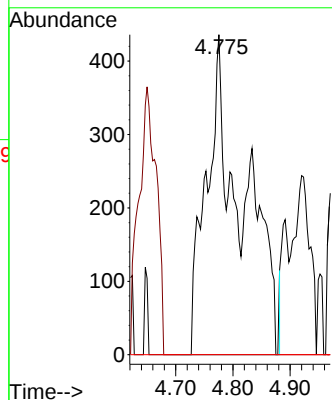
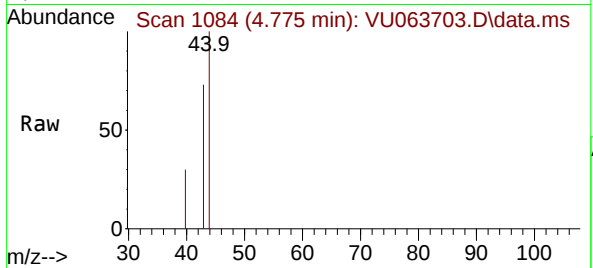
#37
Ethyl Acetate
Concen: 0.592 ug/l m
RT: 4.775 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5
70 0.0 8.9 13.3

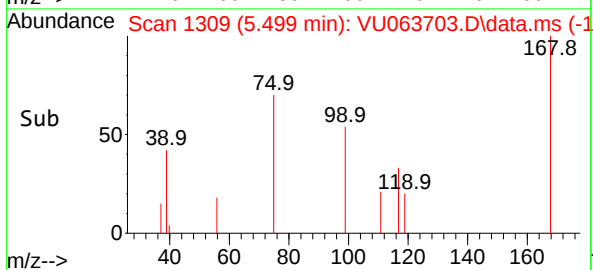
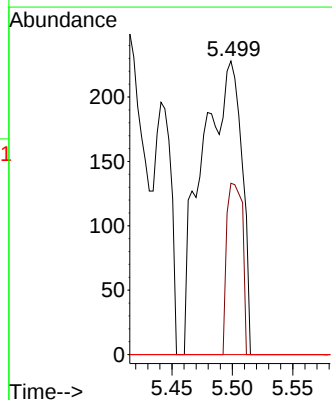
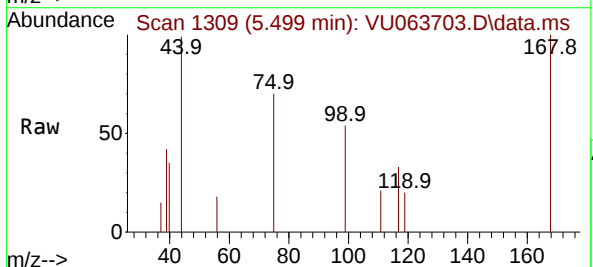
Manual Integrations
APPROVED

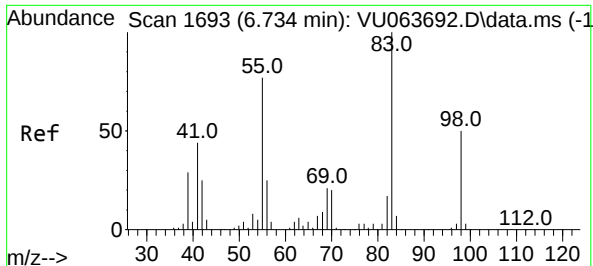
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#38
Carbon Tetrachloride
Concen: 0.212 ug/l m
RT: 5.499 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion:117 Resp: 518
Ion Ratio Lower Upper
117 100
119 58.3 76.1 114.1#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.136 ug/l m

RT: 6.737 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 83 Resp: 350

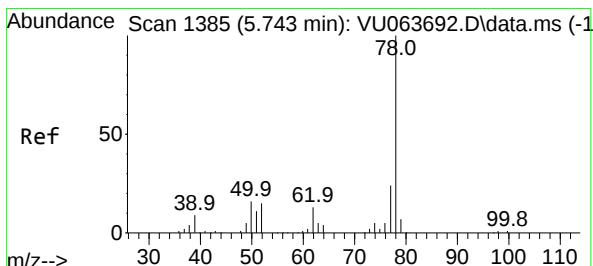
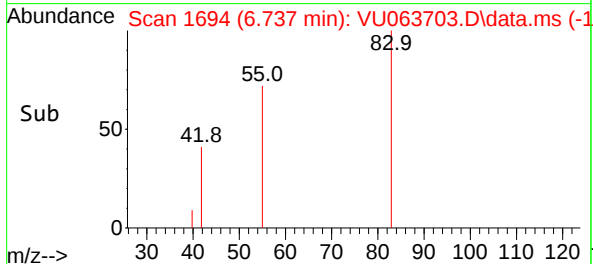
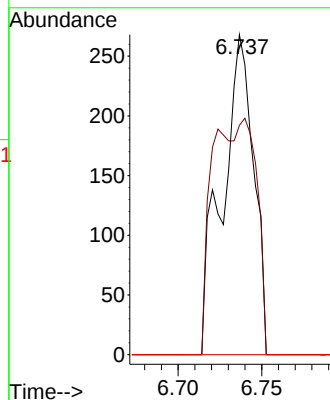
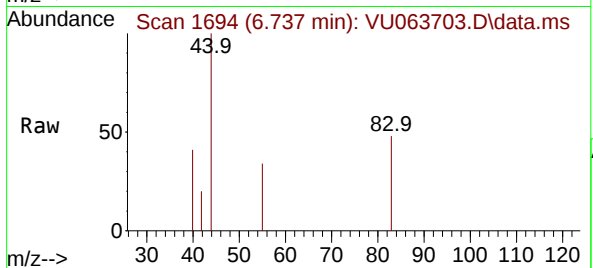
Ion	Ratio	Lower	Upper
83	100		
55	71.6	61.6	92.4
98	0.0	40.0	60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#40

Benzene

Concen: 0.191 ug/l

RT: 5.753 min Scan# 1388

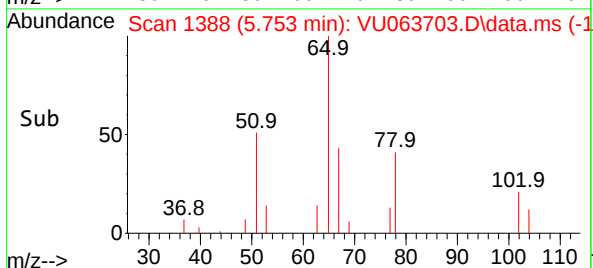
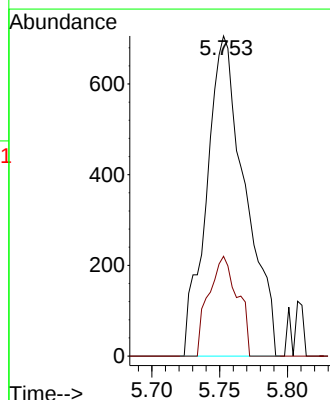
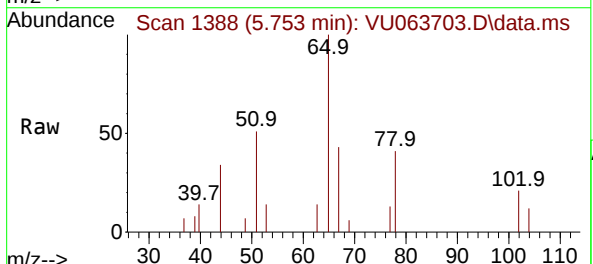
Delta R.T. 0.010 min

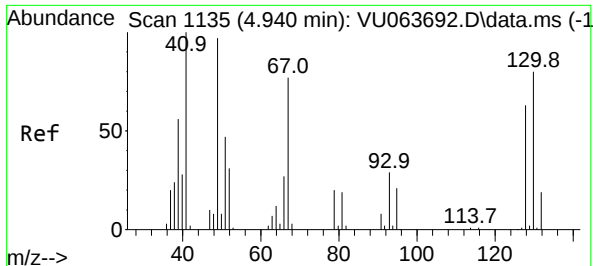
Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

Tgt Ion: 78 Resp: 1397

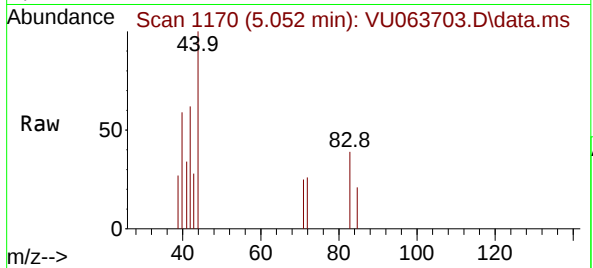
Ion	Ratio	Lower	Upper
78	100		
77	31.2	18.9	28.3





#41
Methacrylonitrile
Concen: 0.697 ug/l m
RT: 5.052 min Scan# 1170
Delta R.T. 0.112 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

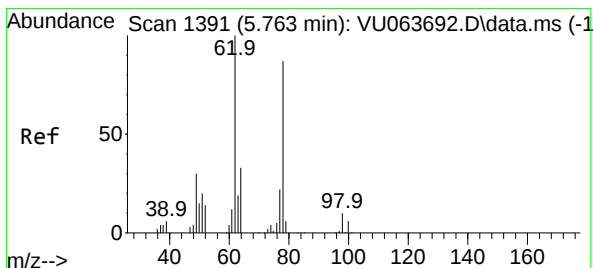
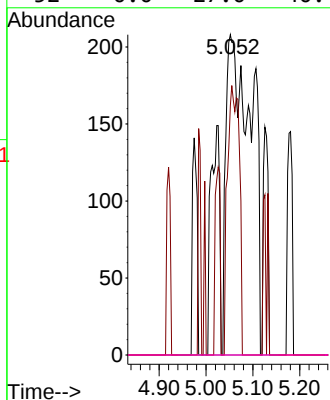
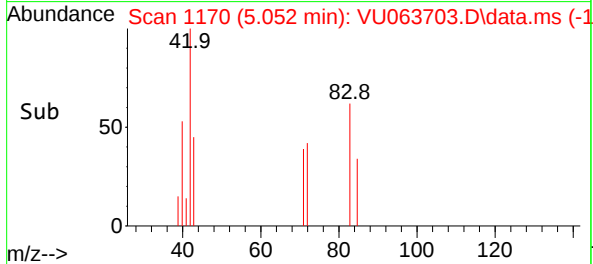
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 41 Resp: 116
Ion Ratio Lower Upper
41 100
39 4.7 44.7 67.1
67 0.0 67.4 101.2
52 0.0 27.0 40.4

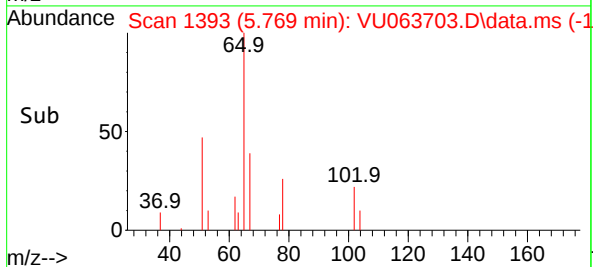
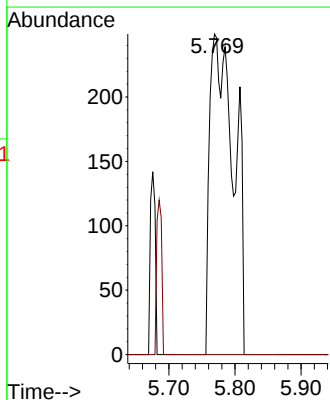
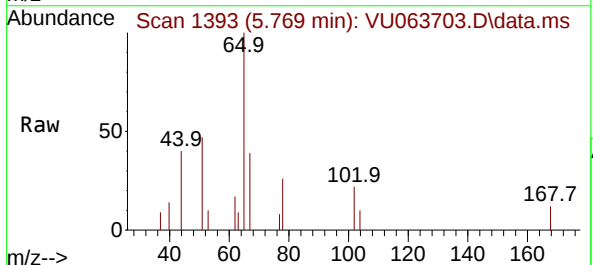
Manual Integrations
APPROVED

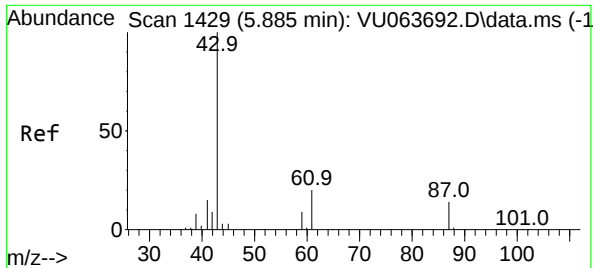
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#42
1,2-Dichloroethane
Concen: 0.218 ug/l m
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

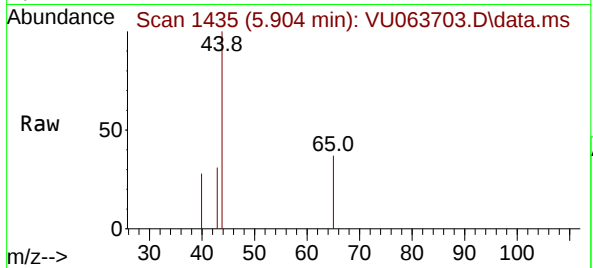
Tgt Ion: 62 Resp: 629
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2





#43
Isopropyl Acetate
Concen: 0.156 ug/l
RT: 5.904 min Scan# 1429
Delta R.T. 0.019 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

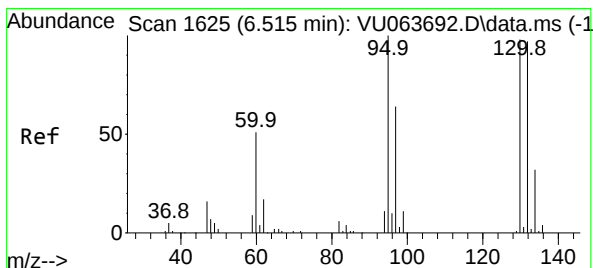
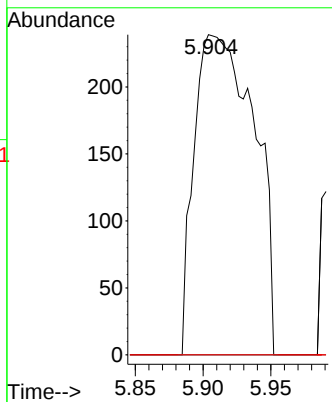
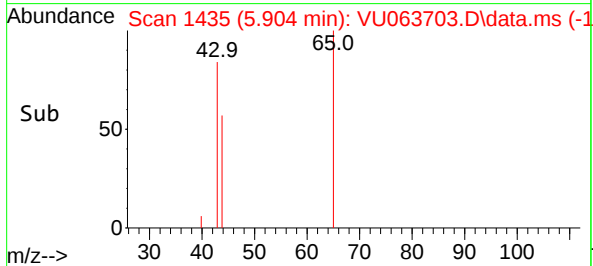
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
61 0.0 15.9 23.9
87 0.0 11.0 16.6

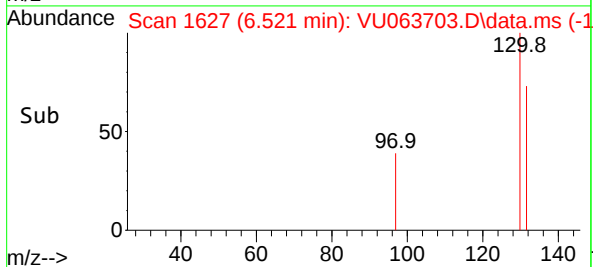
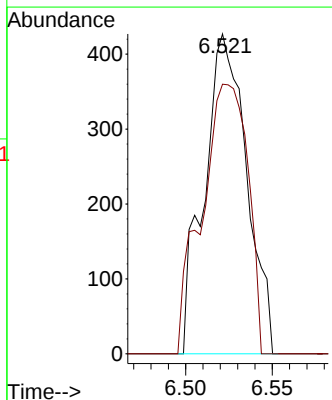
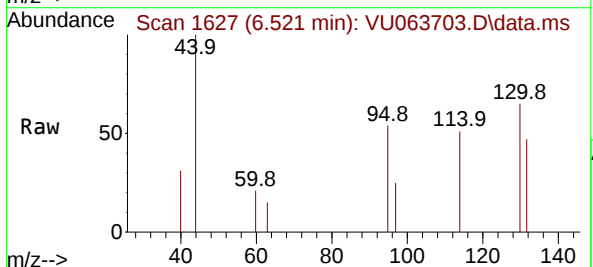
Manual Integrations
APPROVED

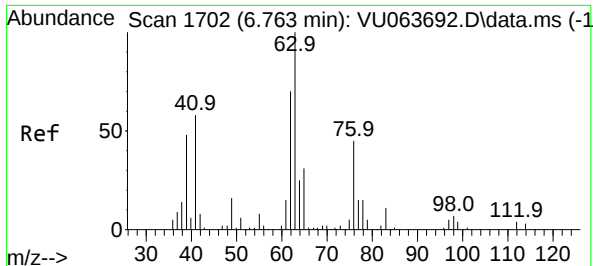
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#44
Trichloroethene
Concen: 0.356 ug/l
RT: 6.521 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion:130 Resp: 730
Ion Ratio Lower Upper
130 100
95 84.3 0.0 203.6





#45

1,2-Dichloropropane

Concen: 0.099 ug/l

RT: 6.772 min Scan# 1702

Delta R.T. 0.009 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 63 Resp: 190

Ion Ratio Lower Upper

63 100

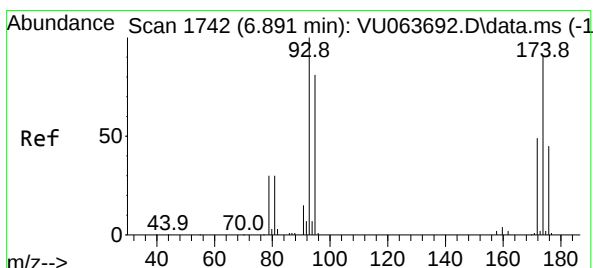
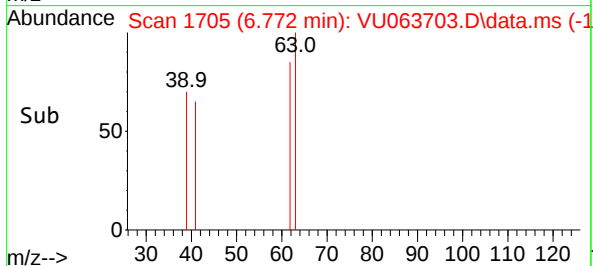
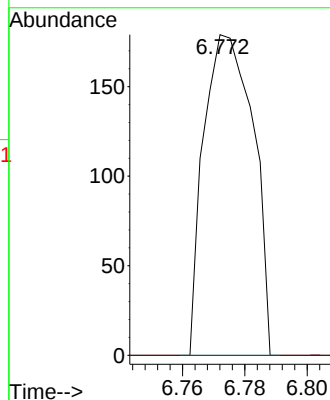
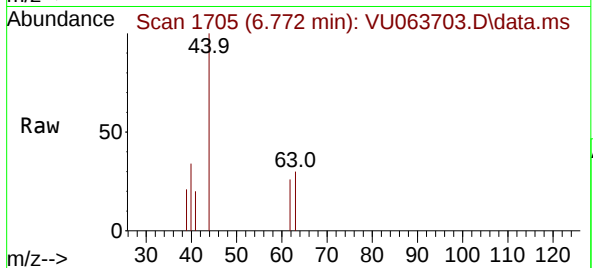
65 0.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#46

Dibromomethane

Concen: 0.113 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. 0.013 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

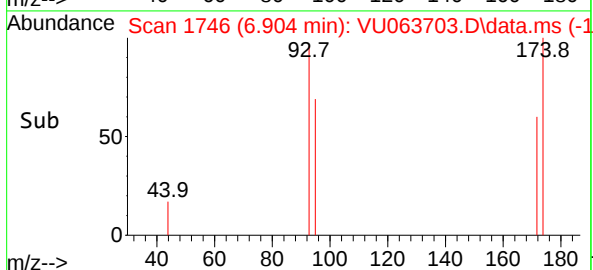
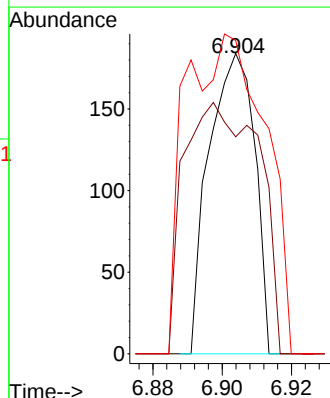
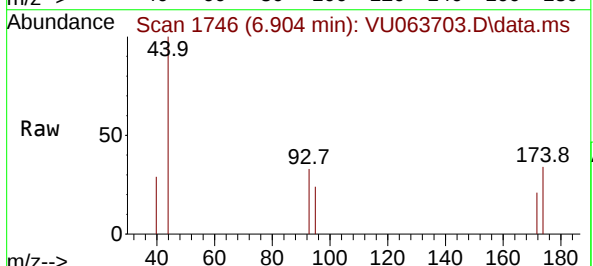
Tgt Ion: 93 Resp: 169

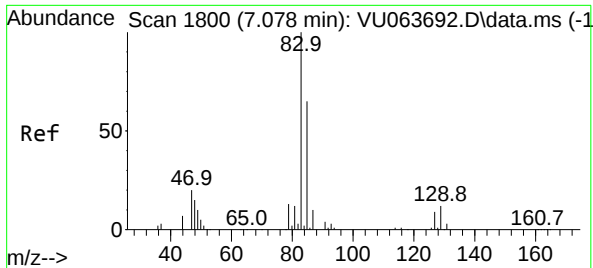
Ion Ratio Lower Upper

93 100

95 136.7 65.9 98.9#

174 57.4 74.9 112.3#





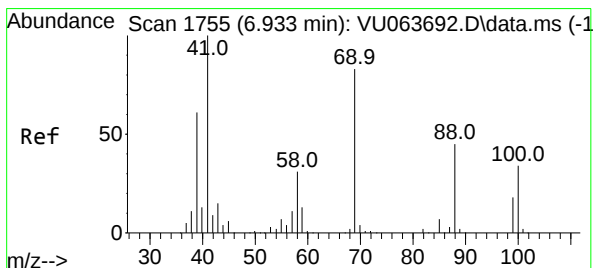
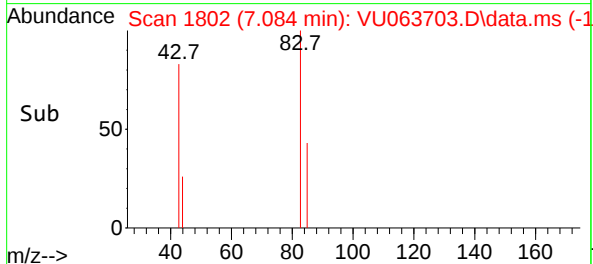
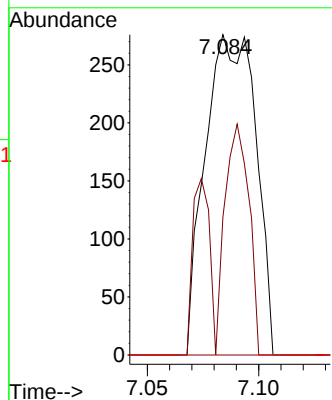
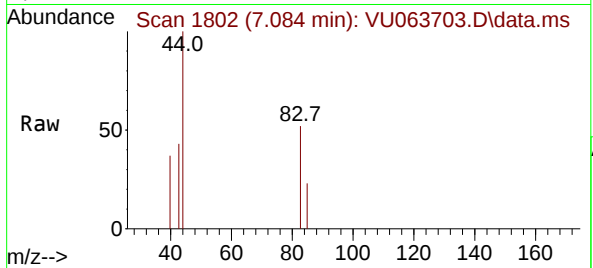
#47
Bromodichloromethane
Concen: 0.144 ug/l
RT: 7.084 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 83 Resp: 438
Ion Ratio Lower Upper
83 100
85 43.1 51.9 77.9#
127 0.0 6.9 10.3#

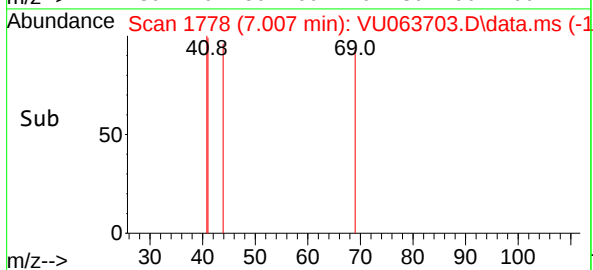
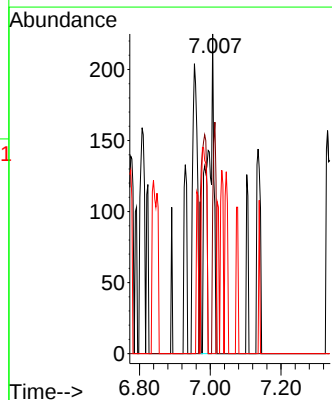
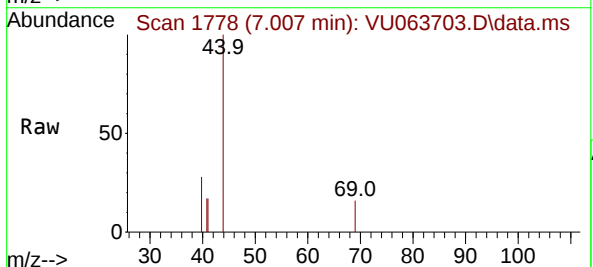
Manual Integrations
APPROVED

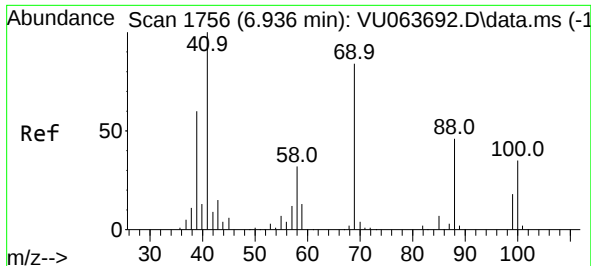
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Methyl methacrylate
Concen: 0.307 ug/l m
RT: 7.007 min Scan# 1778
Delta R.T. 0.074 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 41 Resp: 707
Ion Ratio Lower Upper
41 100
69 0.0 72.9 109.3#
39 0.0 51.0 76.4#





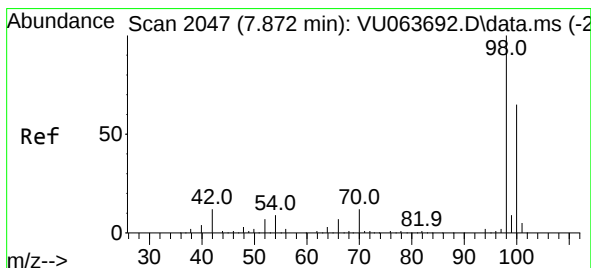
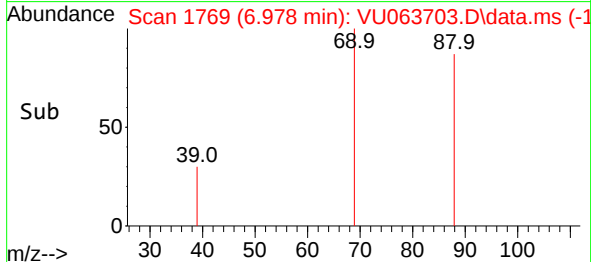
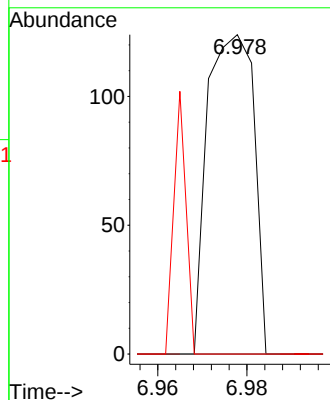
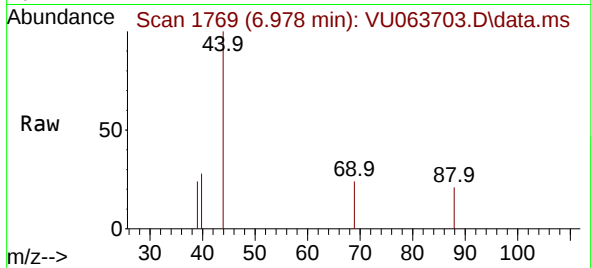
#49
1,4-Dioxane
Concen: 1.458 ug/l
RT: 6.978 min Scan# 1756
Delta R.T. 0.042 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 88 Resp: 88
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1
58 22.5 54.2 81.4

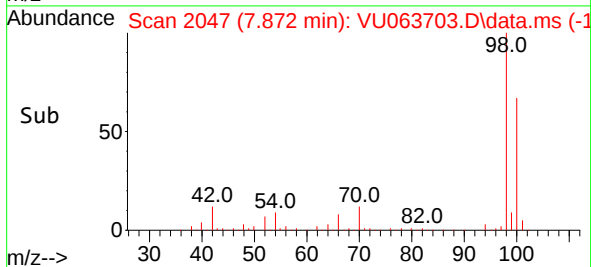
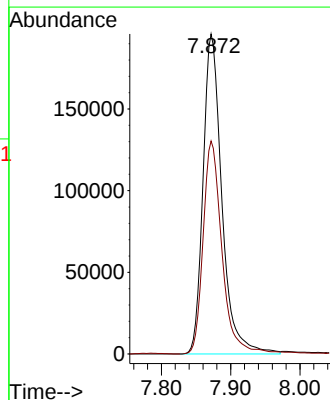
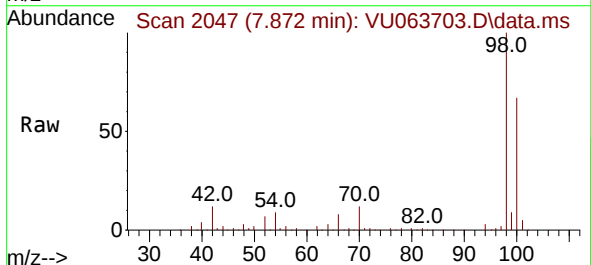
Manual Integrations
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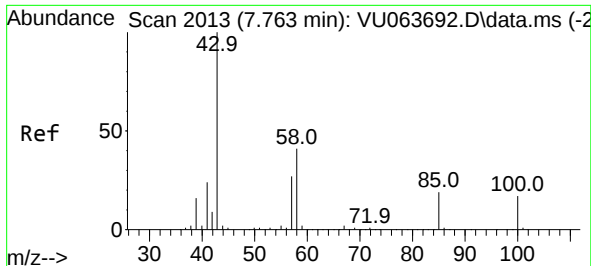
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#50
Toluene-d8
Concen: 46.270 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 98 Resp: 369459
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7





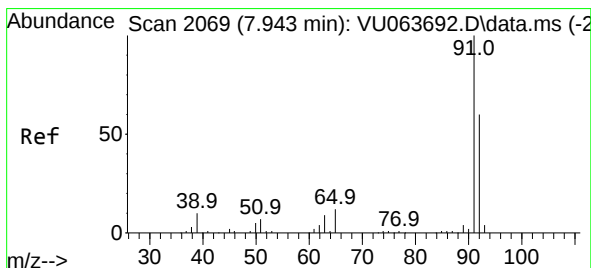
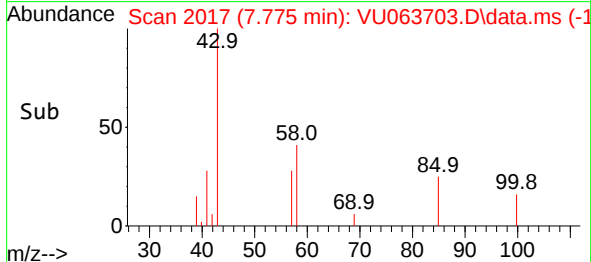
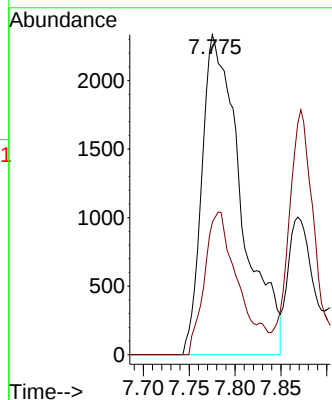
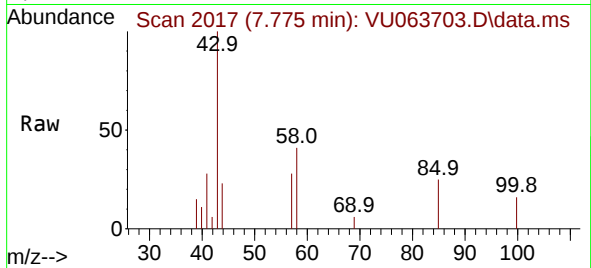
#51
4-Methyl-2-Pentanone
Concen: 1.936 ug/l
RT: 7.775 min Scan# 2017
Delta R.T. 0.012 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 6950
Ion Ratio Lower Upper
43 100
58 38.3 32.3 48.5

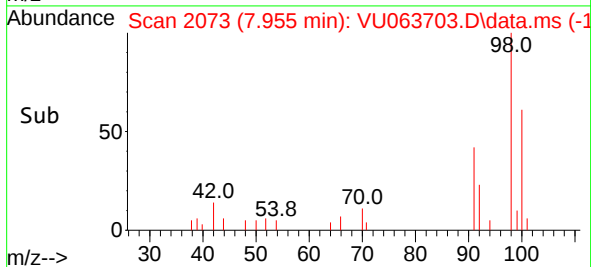
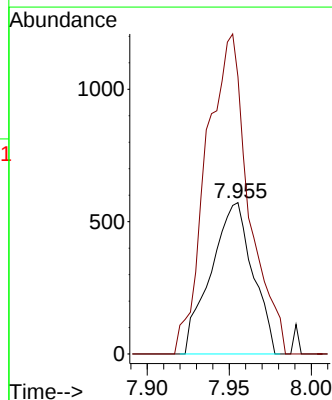
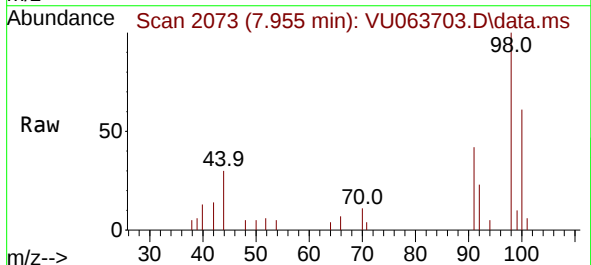
Manual Integrations
APPROVED

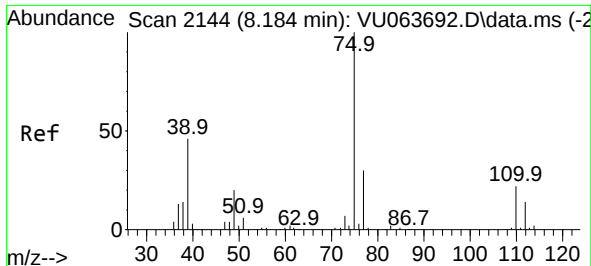
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#52
Toluene
Concen: 0.214 ug/l
RT: 7.955 min Scan# 2073
Delta R.T. 0.012 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

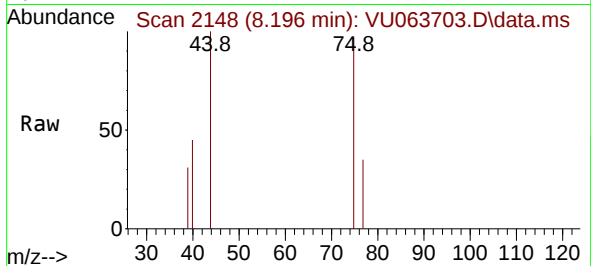
Tgt Ion: 92 Resp: 1013
Ion Ratio Lower Upper
92 100
91 215.5 136.6 204.8#





#53
t-1,3-Dichloropropene
Concen: 0.283 ug/l
RT: 8.196 min Scan# 2144
Delta R.T. 0.012 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

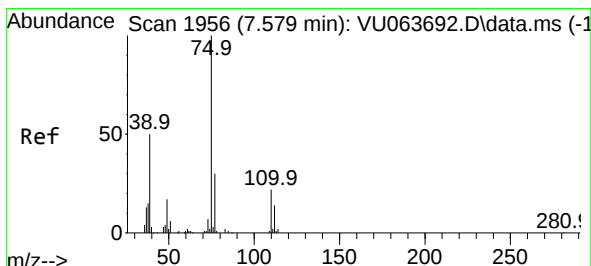
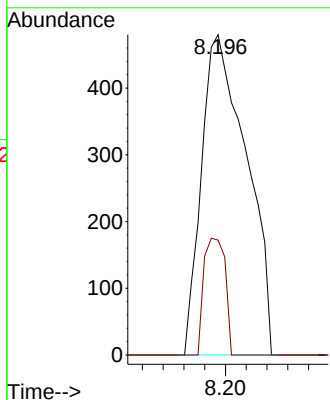
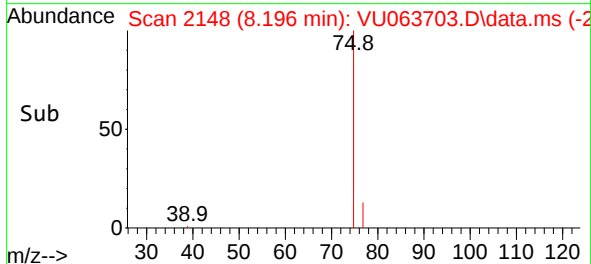
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 720
Ion Ratio Lower Upper
75 100
77 35.8 24.3 36.5

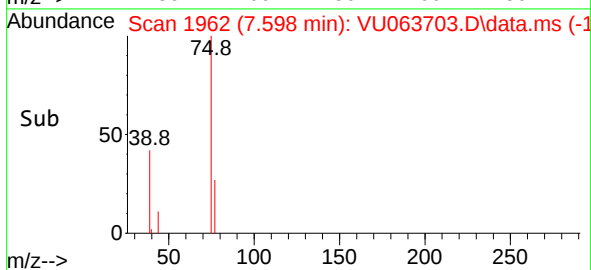
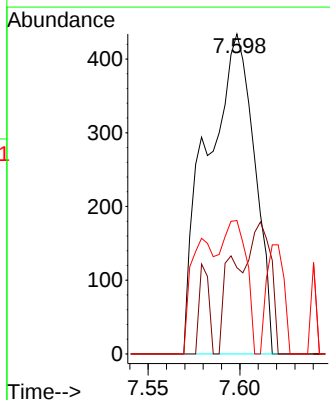
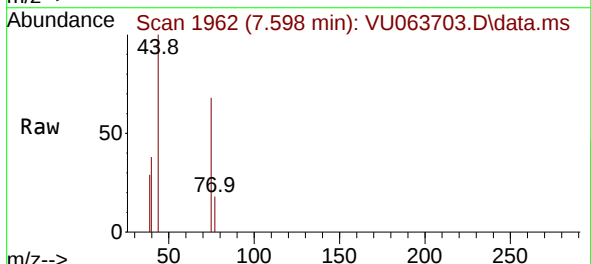
Manual Integrations
APPROVED

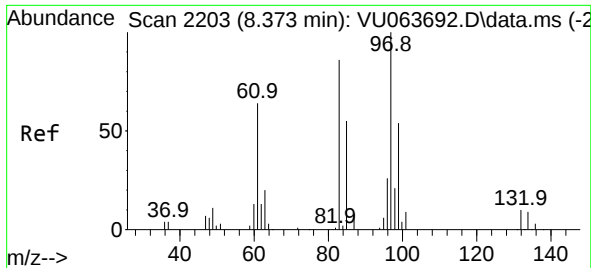
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#54
cis-1,3-Dichloropropene
Concen: 0.275 ug/l
RT: 7.598 min Scan# 1962
Delta R.T. 0.019 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

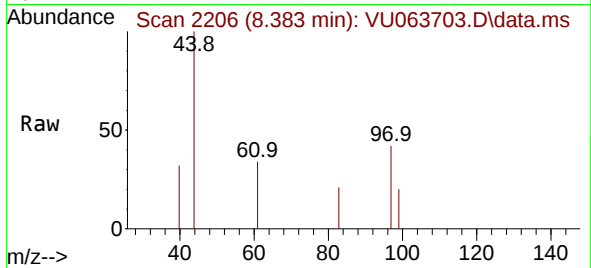
Tgt Ion: 75 Resp: 783
Ion Ratio Lower Upper
75 100
77 27.0 24.3 36.5
39 41.7 40.2 60.2





#55
1,1,2-Trichloroethane
Concen: 0.131 ug/l
RT: 8.383 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

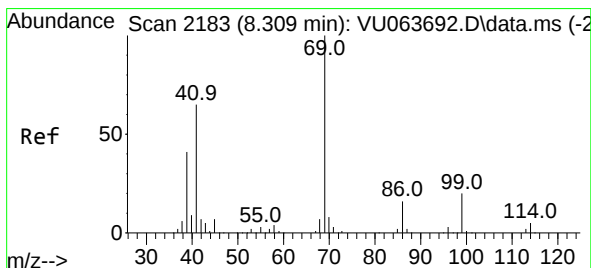
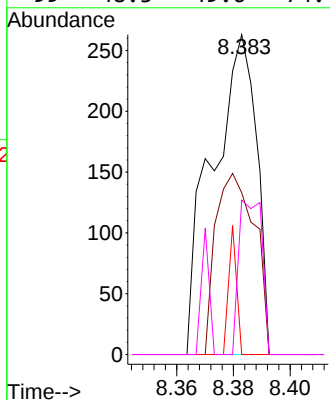
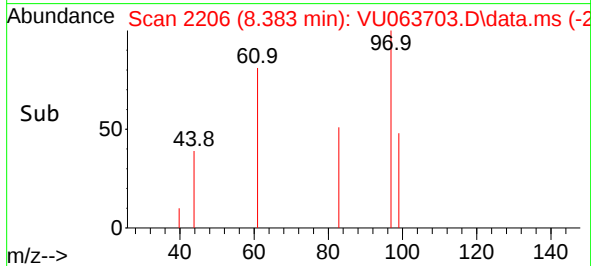
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



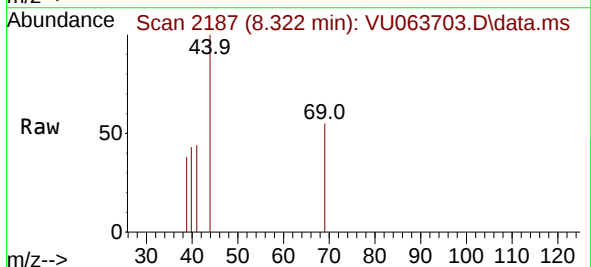
Tgt Ion: 97 Resp: 285
Ion Ratio Lower Upper
97 100
83 50.6 69.0 103.4#
85 0.0 44.2 66.4#
99 48.3 49.6 74.4#

Manual Integrations
APPROVED

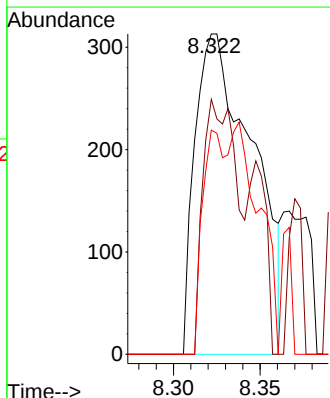
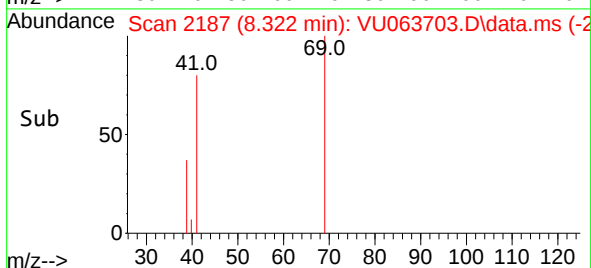
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

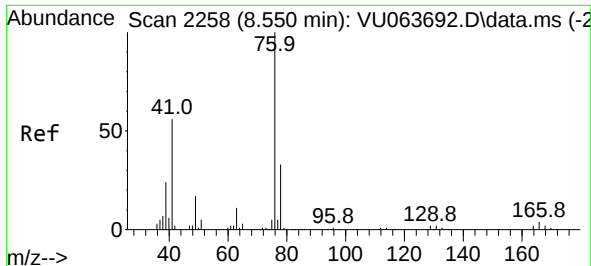


#56
Ethyl methacrylate
Concen: 0.226 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07



Tgt Ion: 69 Resp: 724
Ion Ratio Lower Upper
69 100
41 47.0 51.4 77.2#
39 24.9 32.2 48.4#





#57

1,3-Dichloropropane

Concen: 0.180 ug/l

RT: 8.560 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 76 Resp: 63

Ion Ratio Lower Upper

76 100

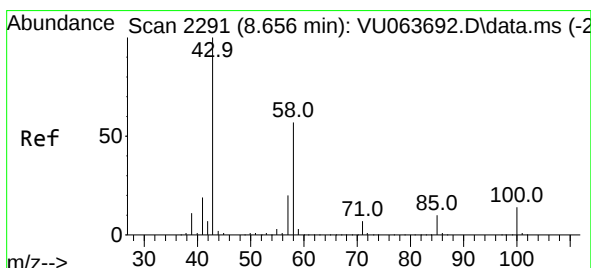
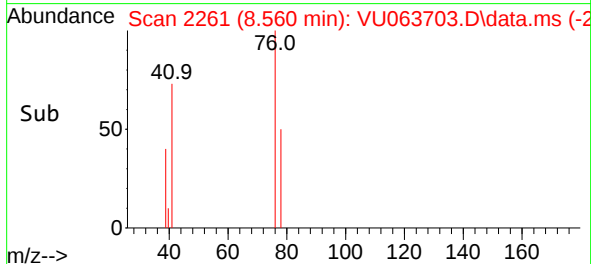
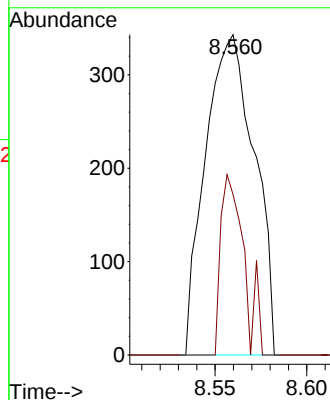
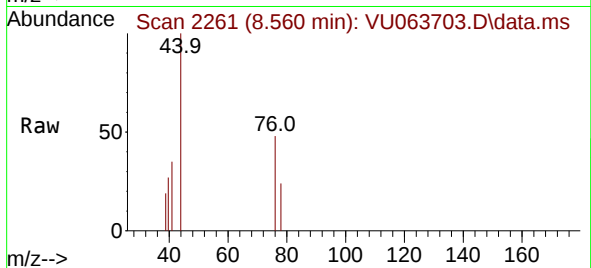
78 26.4 26.2 39.4

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#59

2-Hexanone

Concen: 3.475 ug/l m

RT: 8.695 min Scan# 2303

Delta R.T. 0.039 min

Lab File: VU063703.D

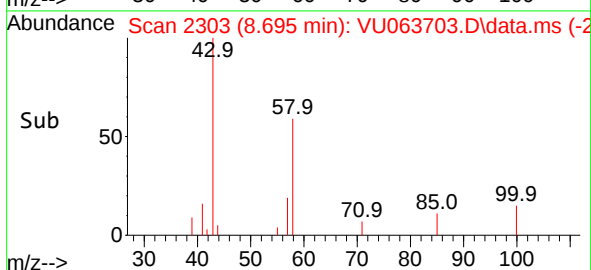
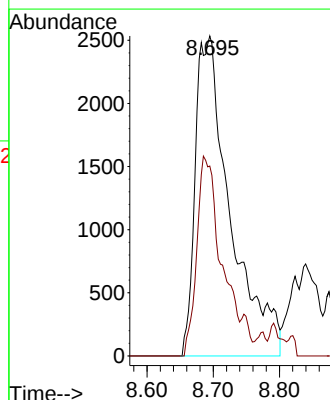
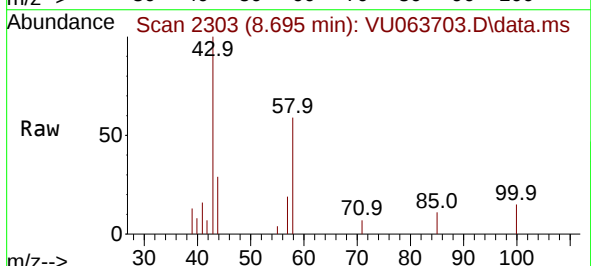
Acq: 11 Nov 2025 14:07

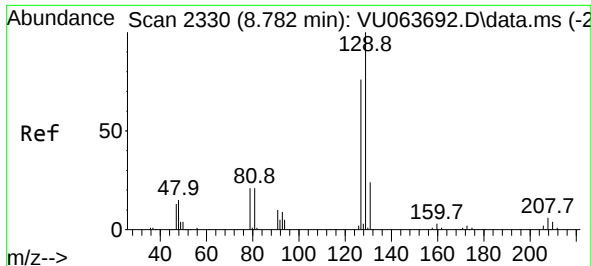
Tgt Ion: 43 Resp: 9300

Ion Ratio Lower Upper

43 100

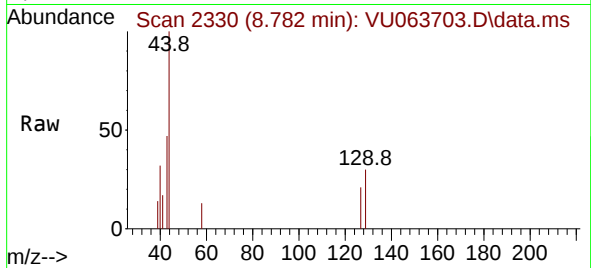
58 43.4 28.4 85.3





#60
Dibromochloromethane
Concen: 0.129 ug/l
RT: 8.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

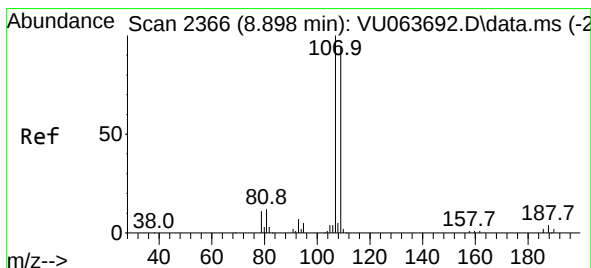
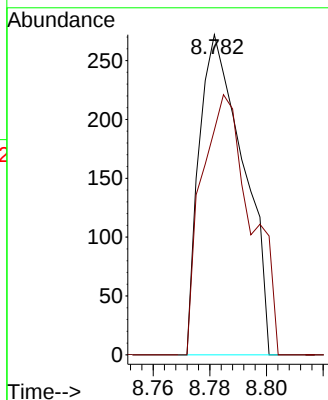
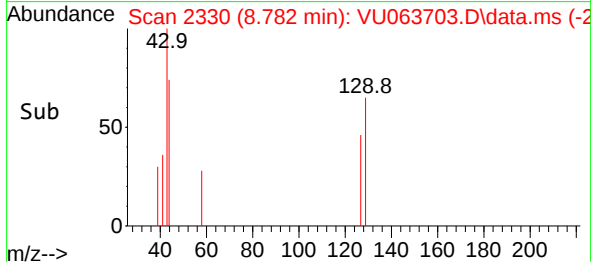
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



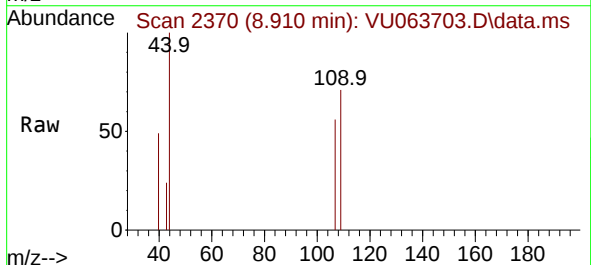
Tgt Ion:129 Resp: 291
Ion Ratio Lower Upper
129 100
127 90.8 38.2 114.6

Manual Integrations
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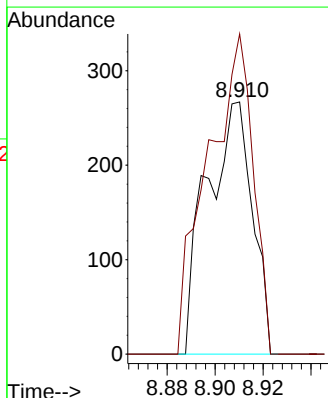
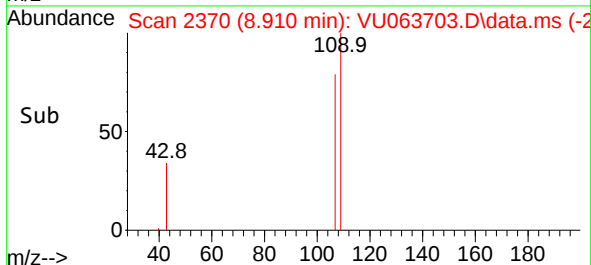
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

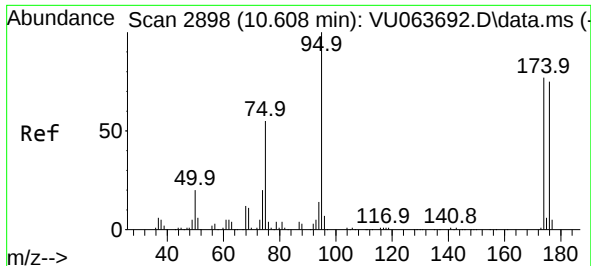


#61
1,2-Dibromoethane
Concen: 0.169 ug/l
RT: 8.910 min Scan# 2370
Delta R.T. 0.012 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07



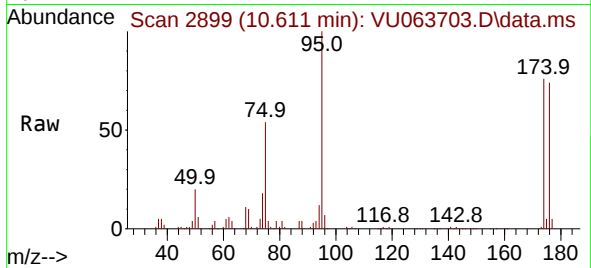
Tgt Ion:107 Resp: 353
Ion Ratio Lower Upper
107 100
109 125.8 73.8 110.8#





#62
4-Bromofluorobenzene
Concen: 46.490 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

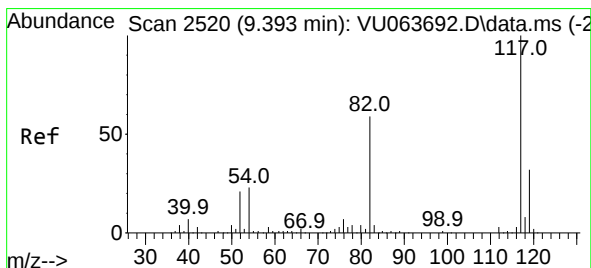
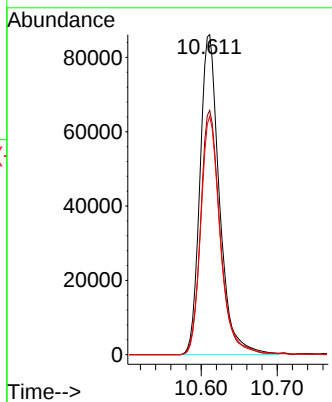
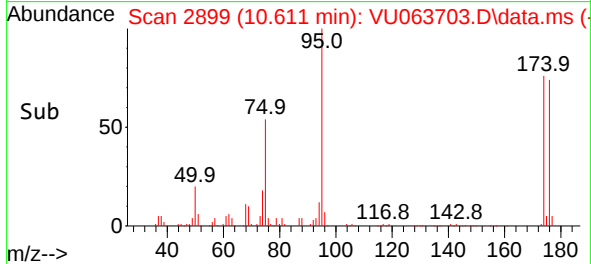
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 95 Resp: 153559
Ion Ratio Lower Upper
95 100
174 76.4 0.0 154.6
176 74.7 0.0 148.4

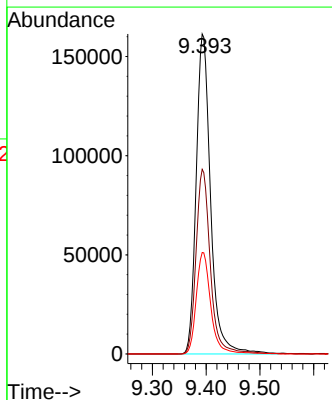
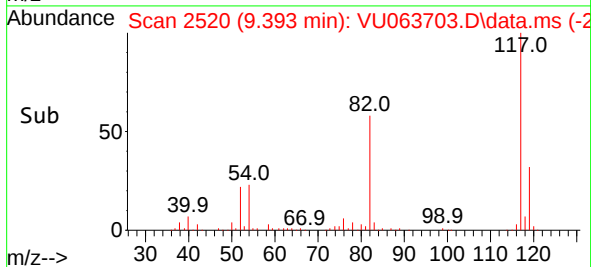
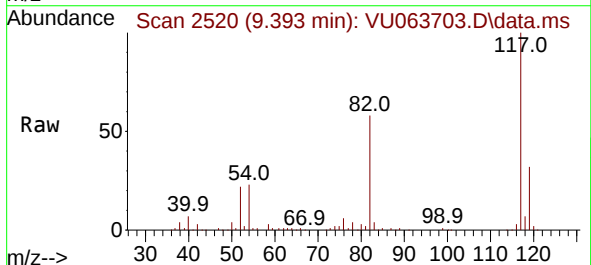
Manual Integrations
APPROVED

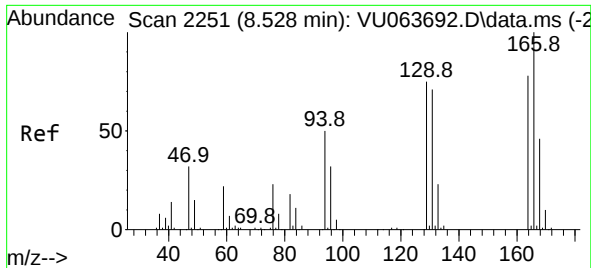
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 2520
Delta R.T. -0.001 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

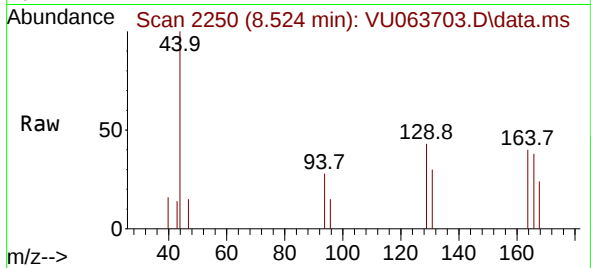
Tgt Ion:117 Resp: 300659
Ion Ratio Lower Upper
117 100
82 57.7 46.9 70.3
119 31.7 25.8 38.8





#64
Tetrachloroethene
Concen: 0.257 ug/l
RT: 8.524 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

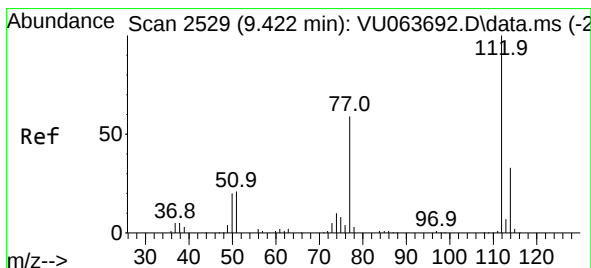
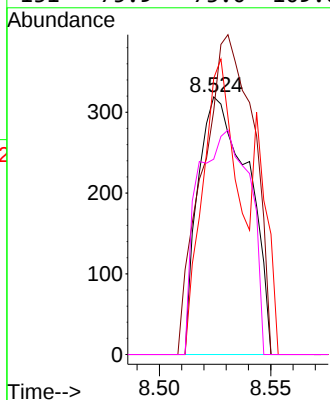
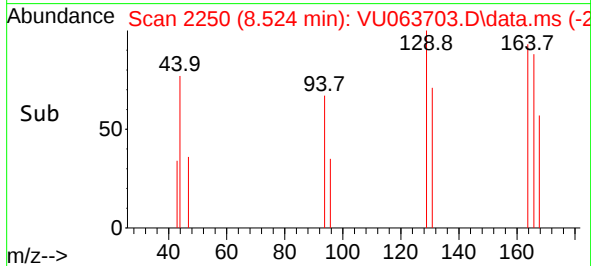
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:164 Resp: 499
Ion Ratio Lower Upper
164 100
166 94.7 102.5 153.7
129 107.2 77.1 115.7
131 75.9 73.0 109.6

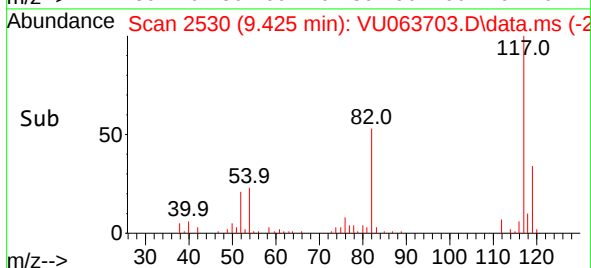
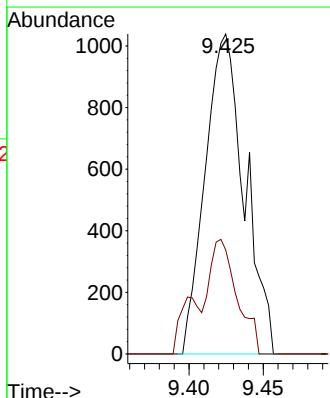
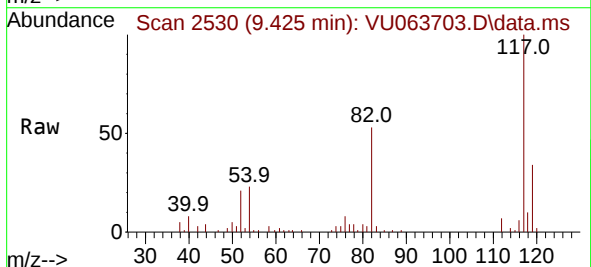
Manual Integrations
APPROVED

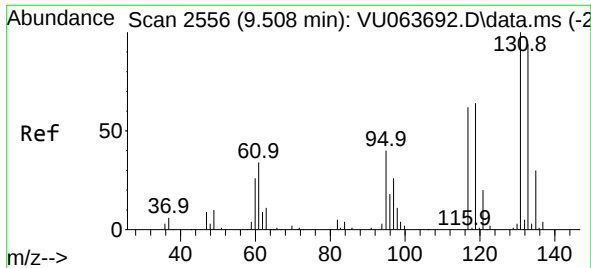
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#65
Chlorobenzene
Concen: 0.326 ug/l
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

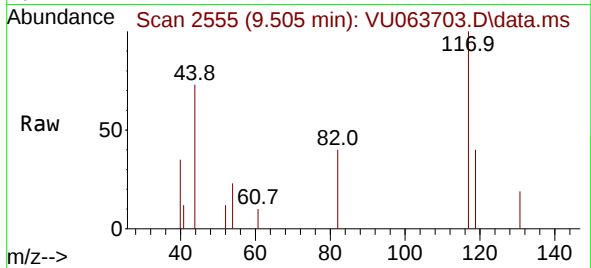
Tgt Ion:112 Resp: 1914
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2





#66
1,1,1,2-Tetrachloroethane
Concen: 0.077 ug/l
RT: 9.505 min Scan# 2556
Delta R.T. -0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

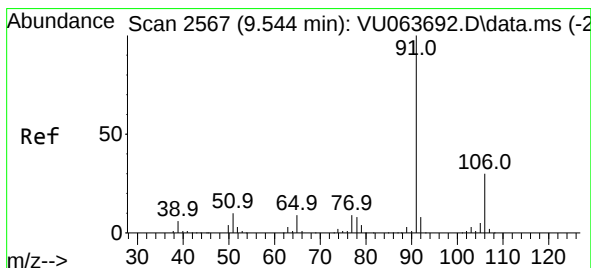
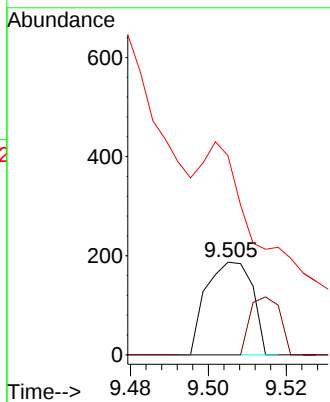
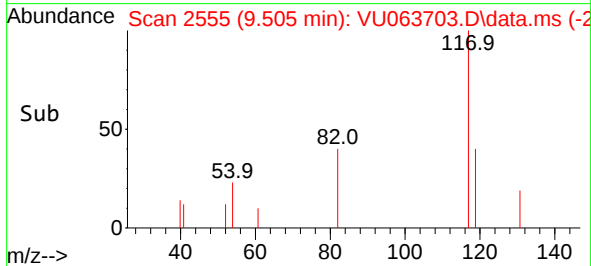
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:131 Resp: 154
Ion Ratio Lower Upper
131 100
133 40.3 47.5 142.5
119 0.0 33.3 99.8

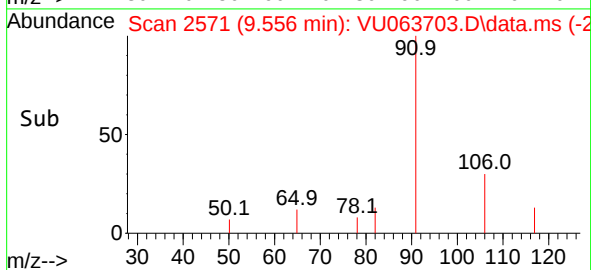
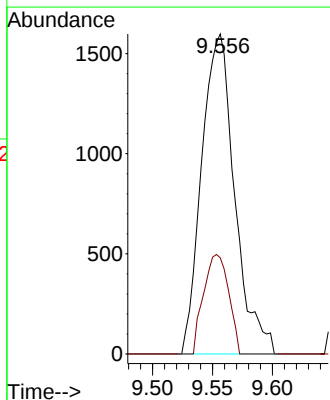
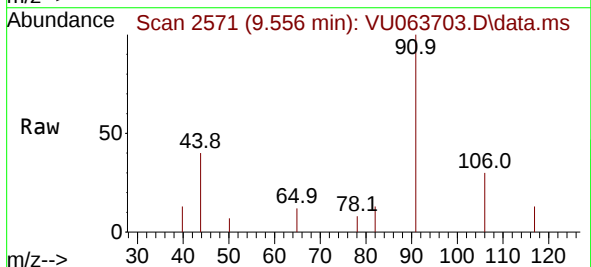
Manual Integrations
APPROVED

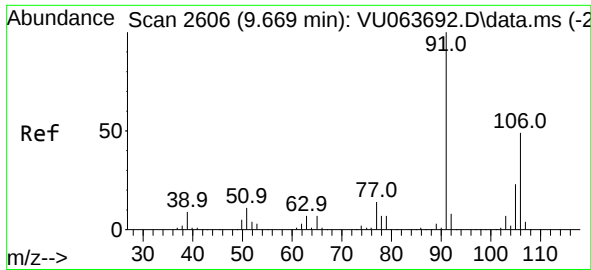
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#67
Ethyl Benzene
Concen: 0.313 ug/l
RT: 9.556 min Scan# 2571
Delta R.T. 0.012 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 91 Resp: 3061
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8





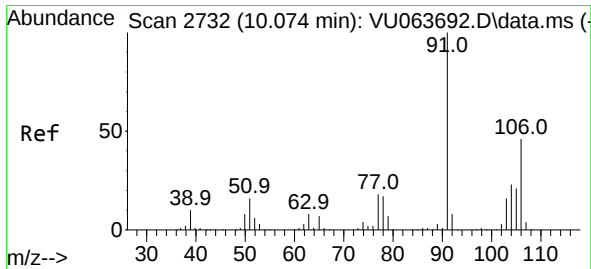
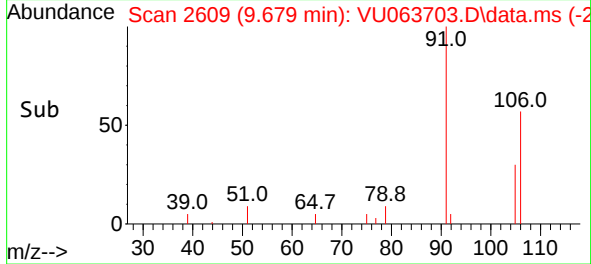
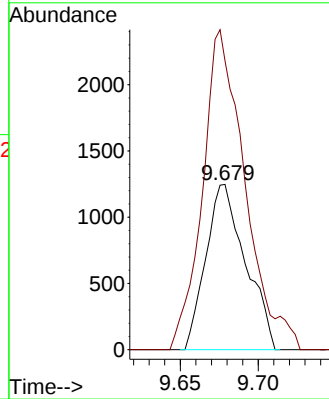
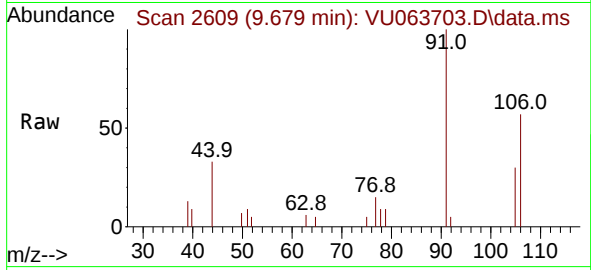
#68
m/p-Xylenes
Concen: 0.610 ug/l
RT: 9.679 min Scan# 2606
Delta R.T. 0.010 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:106 Resp: 2204
Ion Ratio Lower Upper
106 100
91 207.4 165.7 248.5

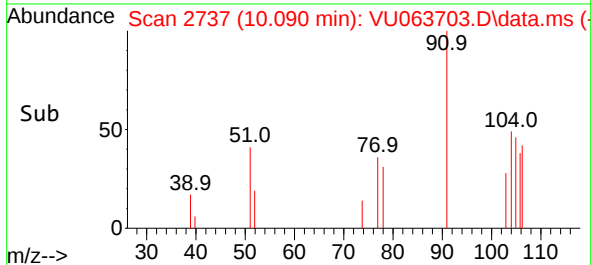
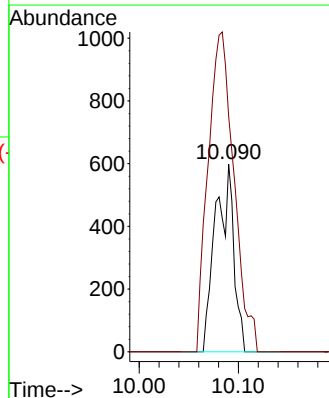
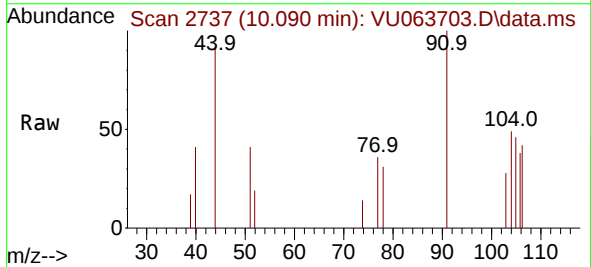
Manual Integrations
APPROVED

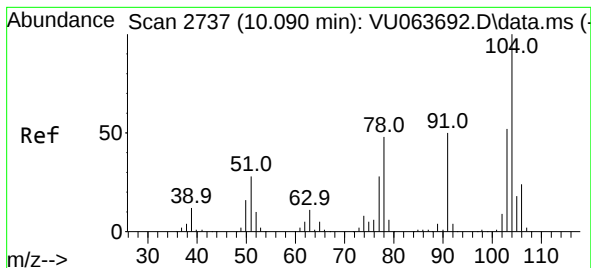
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#69
o-Xylene
Concen: 0.206 ug/l m
RT: 10.090 min Scan# 2737
Delta R.T. 0.016 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion:106 Resp: 766
Ion Ratio Lower Upper
106 100
91 239.9 108.7 325.9





#70

Styrene

Concen: 0.341 ug/l

RT: 10.103 min Scan# 2741

Delta R.T. 0.013 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

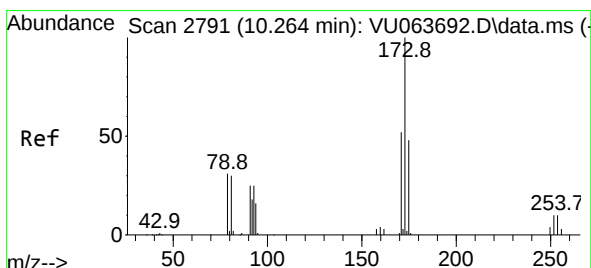
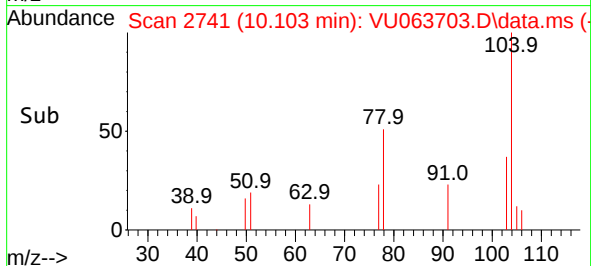
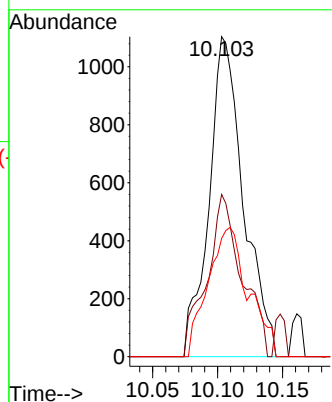
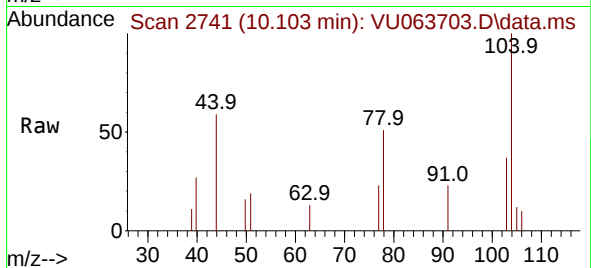
Tgt Ion:	104	Resp:	204
Ion Ratio	Lower	Upper	
104	100		
78	51.6	42.7	64.1
103	47.3	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#71

Bromoform

Concen: 0.190 ug/l

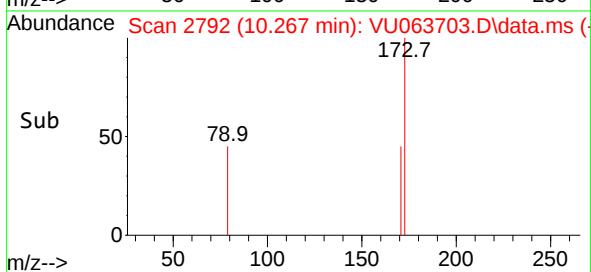
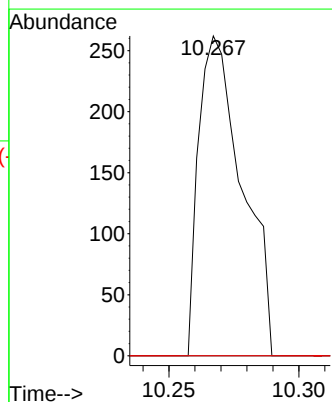
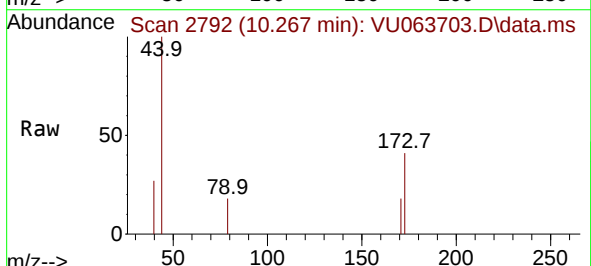
RT: 10.267 min Scan# 2792

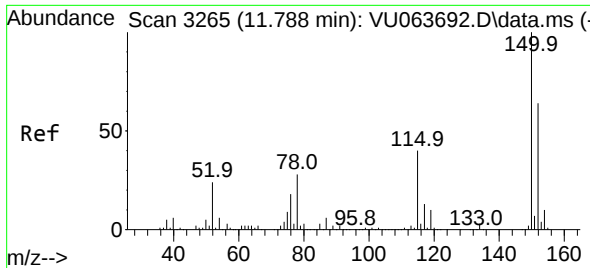
Delta R.T. 0.003 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

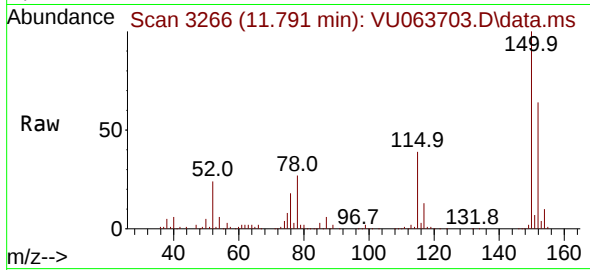
Tgt Ion:	173	Resp:	306
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

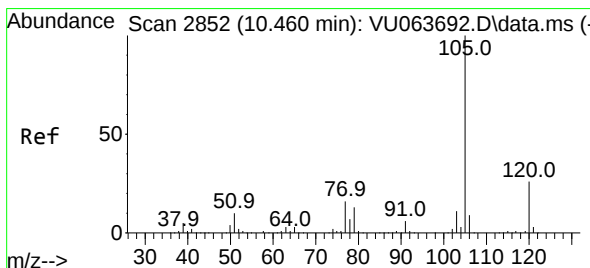
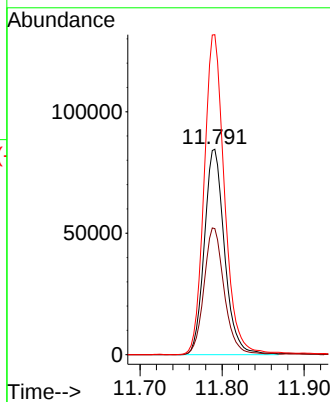
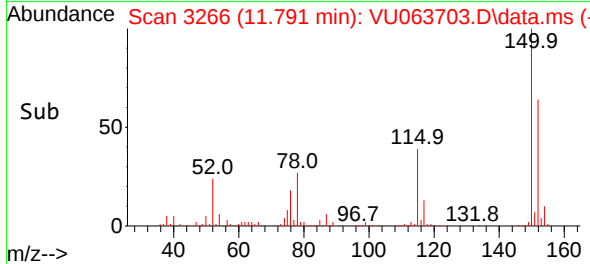
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



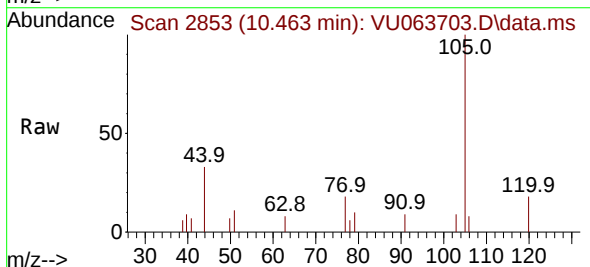
Tgt Ion:152 Resp: 144844
Ion Ratio Lower Upper
152 100
115 61.6 41.0 123.0
150 157.7 0.0 342.2

Manual Integrations
APPROVED

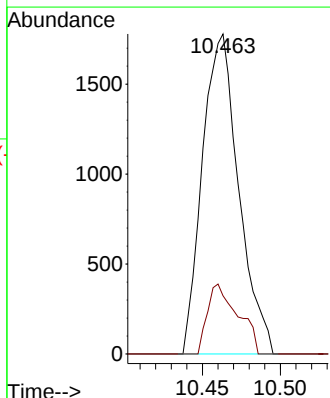
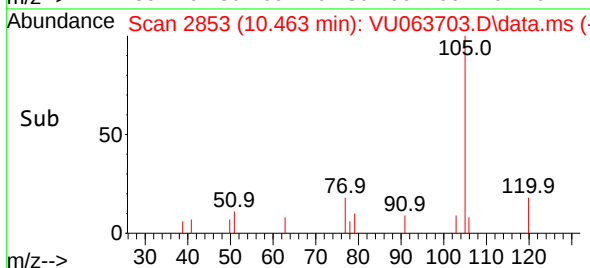
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

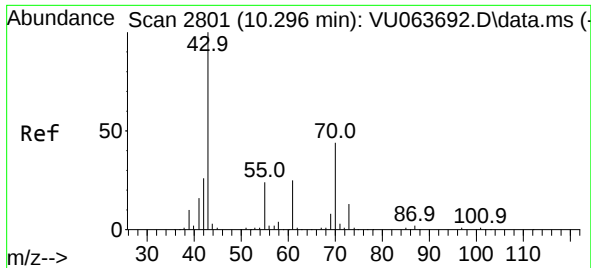


#73
Isopropylbenzene
Concen: 0.316 ug/l
RT: 10.463 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07



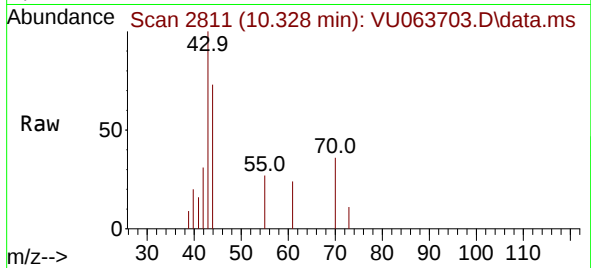
Tgt Ion:105 Resp: 2878
Ion Ratio Lower Upper
105 100
120 18.3 13.0 38.9





#74
N-amy1 acetate
Concen: 0.958 ug/l m
RT: 10.328 min Scan# 2801
Delta R.T. 0.032 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

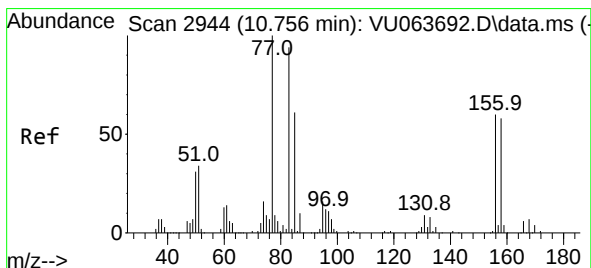
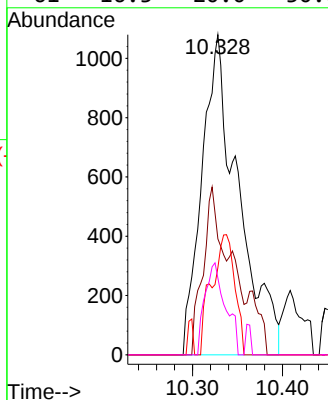
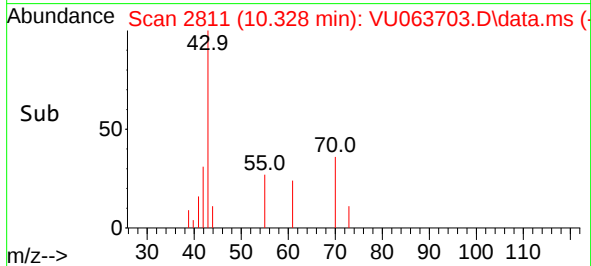
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 3038
Ion Ratio Lower Upper
43 100
70 26.9 36.5 54.7
55 23.9 20.6 30.8
61 16.3 20.0 30.0#

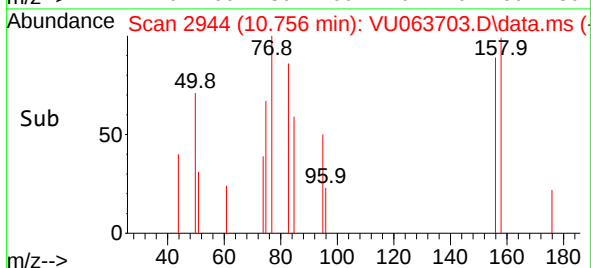
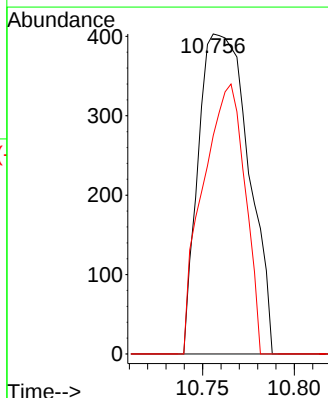
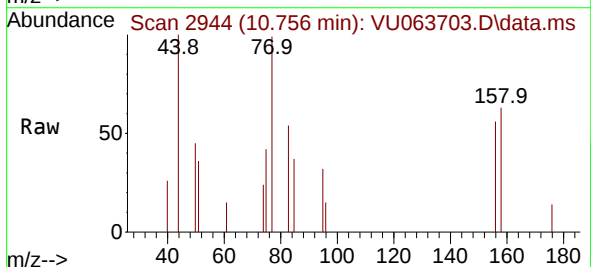
Manual Integrations
APPROVED

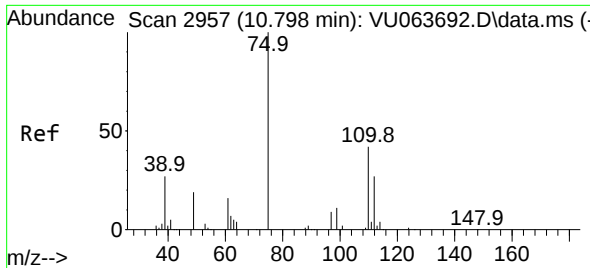
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 0.219 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 83 Resp: 765
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 70.8 31.9 95.7





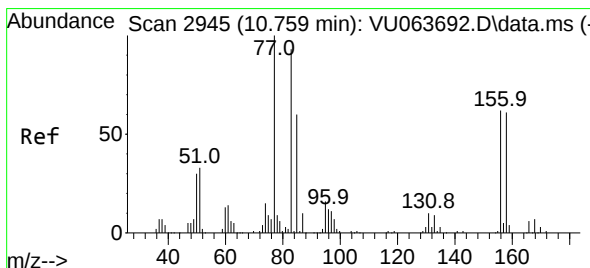
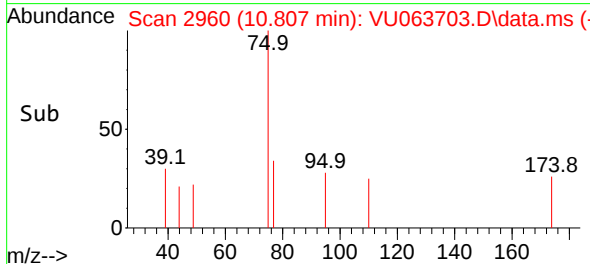
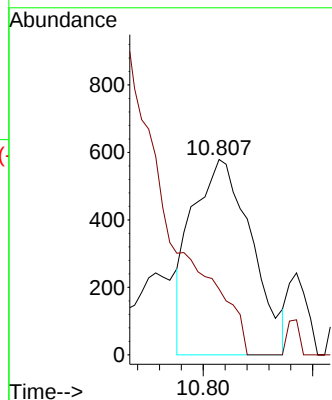
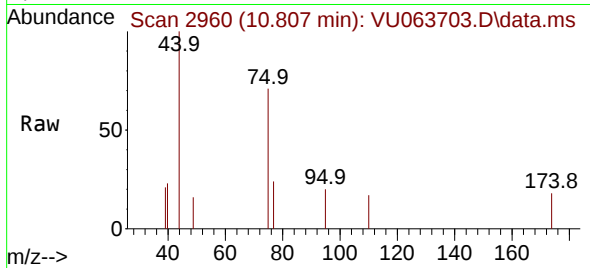
#76
1,2,3-Trichloropropane
Concen: 0.299 ug/l m
RT: 10.807 min Scan# 2957
Delta R.T. 0.009 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 75 Resp: 109
Ion Ratio Lower Upper
75 100
77 88.4 0.0 0.0

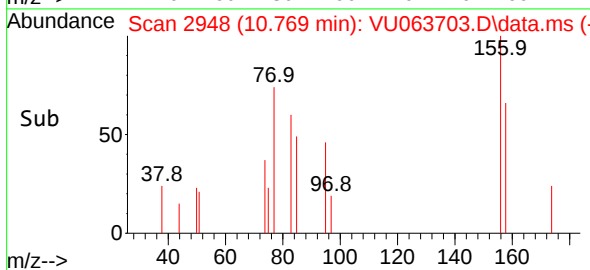
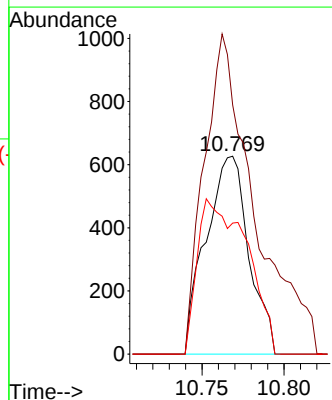
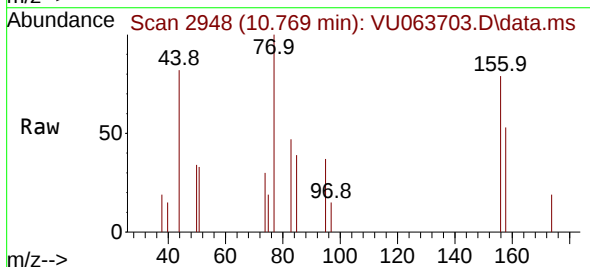
Manual Integrations
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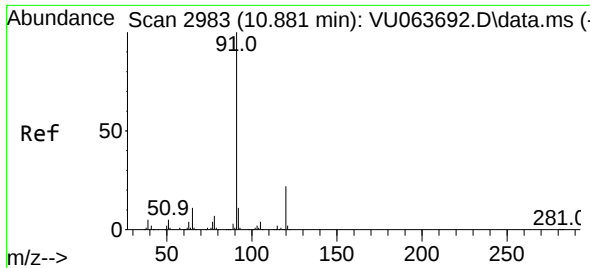
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#77
Bromobenzene
Concen: 0.497 ug/l
RT: 10.769 min Scan# 2948
Delta R.T. 0.010 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion:156 Resp: 1139
Ion Ratio Lower Upper
156 100
77 188.7 81.4 244.2
158 90.7 48.8 146.3





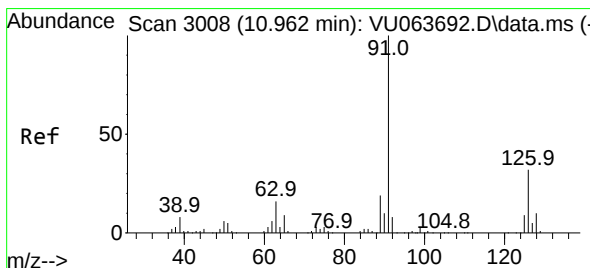
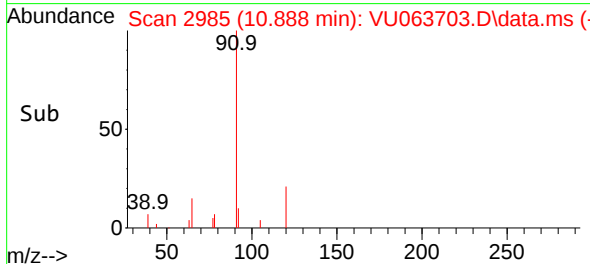
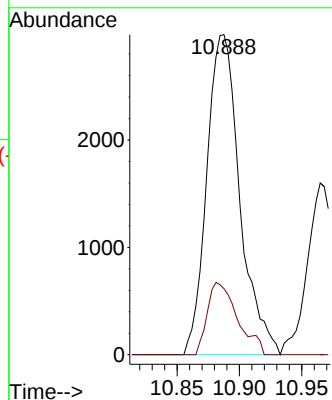
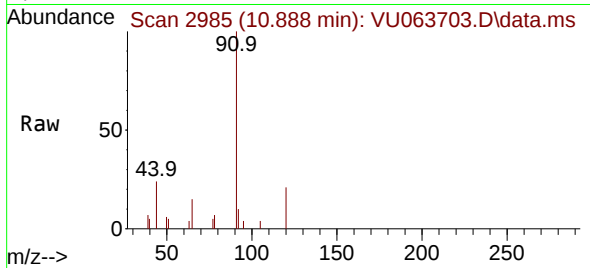
#78
n-propylbenzene
Concen: 0.528 ug/l
RT: 10.888 min Scan# 2983
Delta R.T. 0.007 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 5508
Ion Ratio Lower Upper
91 100
120 20.6 11.2 33.6

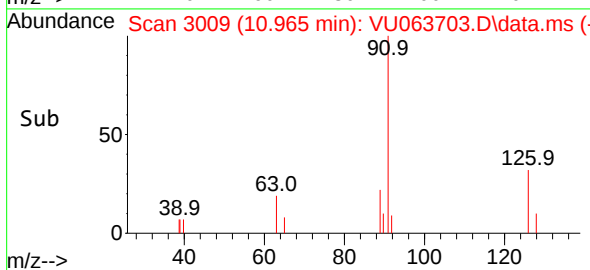
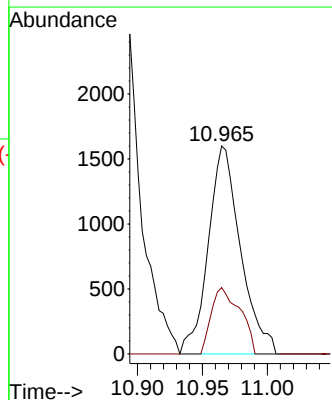
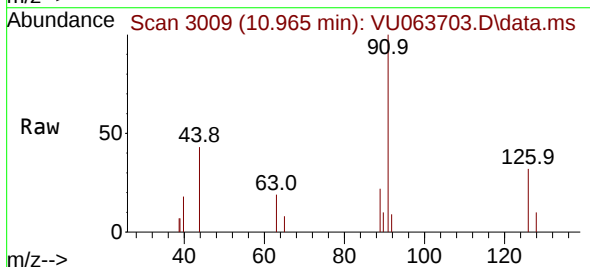
Manual Integrations
APPROVED

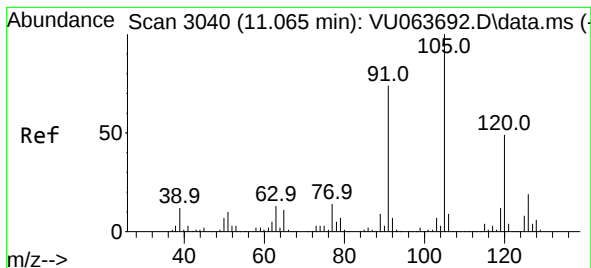
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#79
2-Chlorotoluene
Concen: 0.409 ug/l
RT: 10.965 min Scan# 3009
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion: 91 Resp: 2762
Ion Ratio Lower Upper
91 100
126 28.4 16.4 49.1





#80

1,3,5-Trimethylbenzene

Concen: 0.336 ug/l

RT: 11.071 min Scan# 3042

Delta R.T. 0.006 min

Lab File: VU063703.D

Acq: 11 Nov 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 256

Ion Ratio Lower Upper

105 100

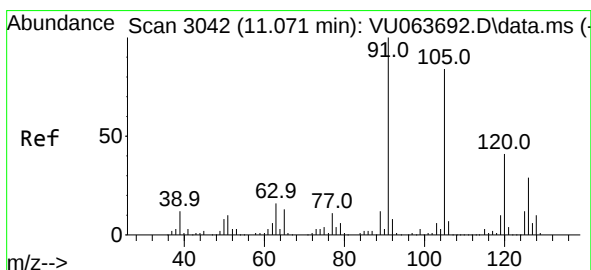
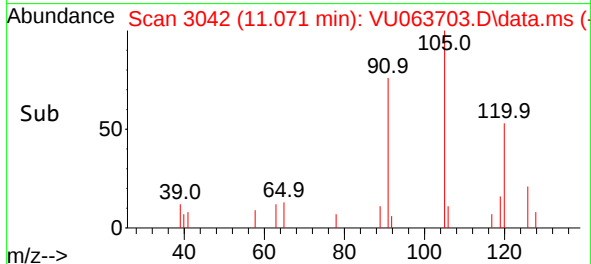
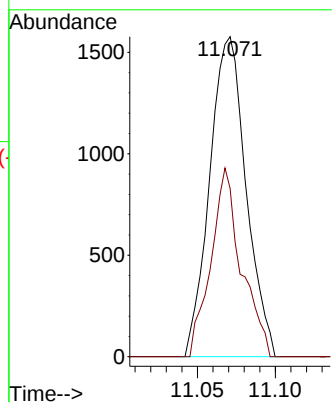
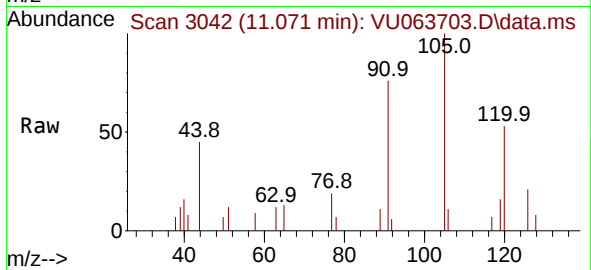
120 49.2 24.1 72.2

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#82

4-Chlorotoluene

Concen: 0.551 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.010 min

Lab File: VU063703.D

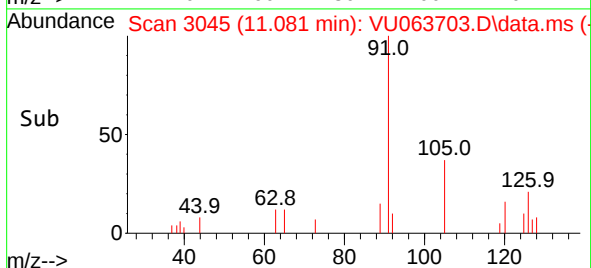
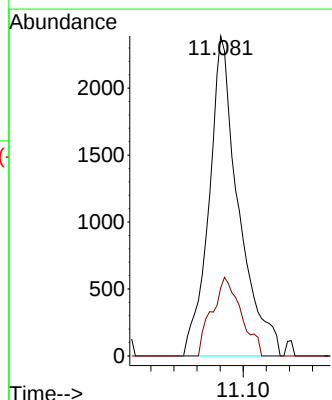
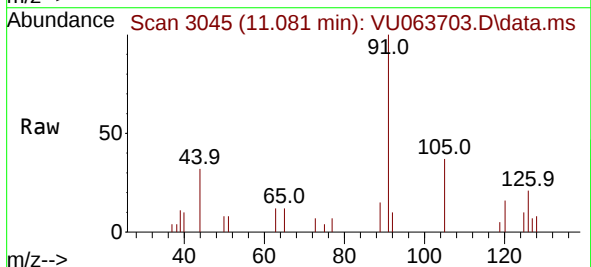
Acq: 11 Nov 2025 14:07

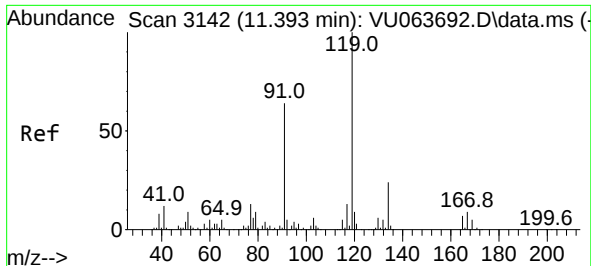
Tgt Ion: 91 Resp: 4225

Ion Ratio Lower Upper

91 100

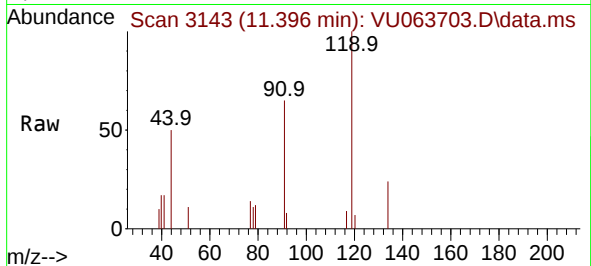
126 24.3 14.2 42.8





#83
tert-Butylbenzene
Concen: 0.306 ug/l
RT: 11.396 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

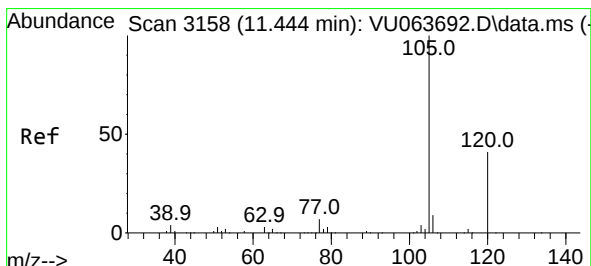
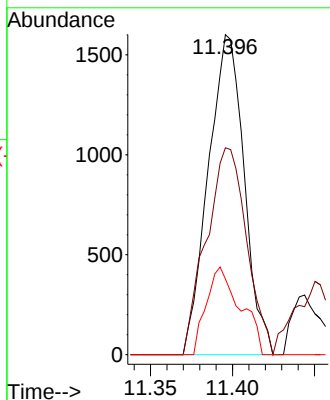
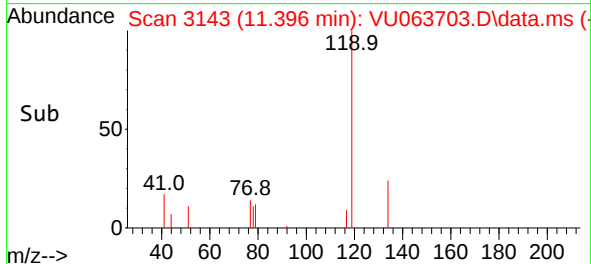
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



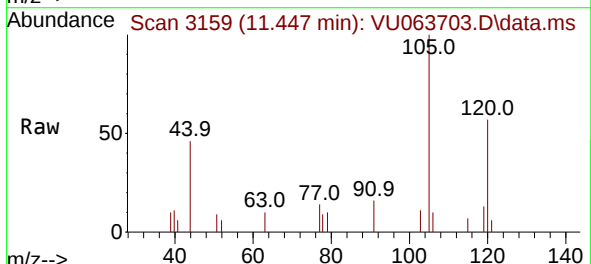
Tgt Ion:119 Resp: 2430
Ion Ratio Lower Upper
119 100
91 72.6 30.8 92.3
134 26.0 11.9 35.5

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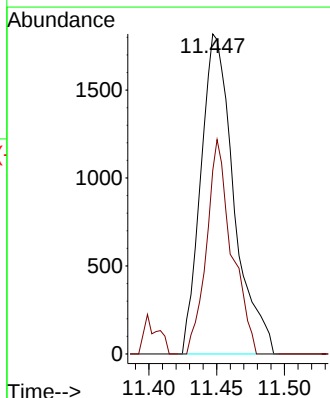
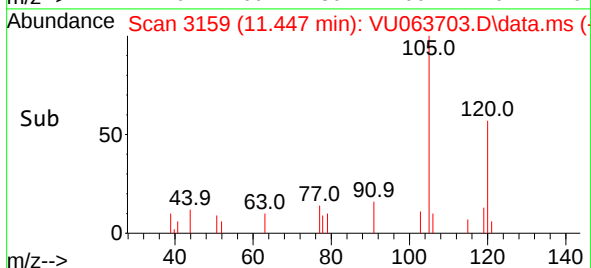
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

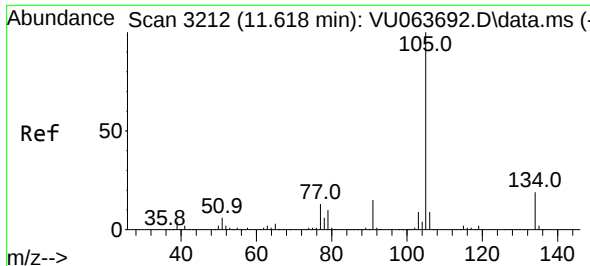


#84
1,2,4-Trimethylbenzene
Concen: 0.413 ug/l
RT: 11.447 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07



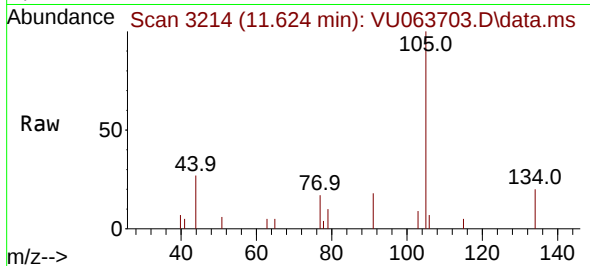
Tgt Ion:105 Resp: 3090
Ion Ratio Lower Upper
105 100
120 50.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 0.482 ug/l
 RT: 11.624 min Scan# 3214
 Delta R.T. 0.006 min
 Lab File: VU063703.D
 Acq: 11 Nov 2025 14:07

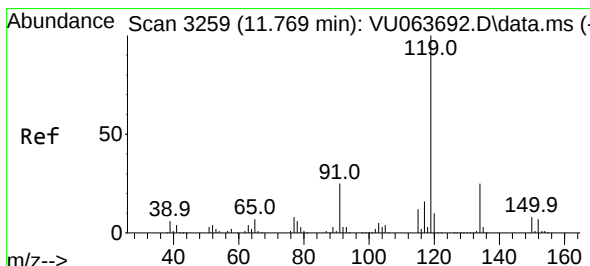
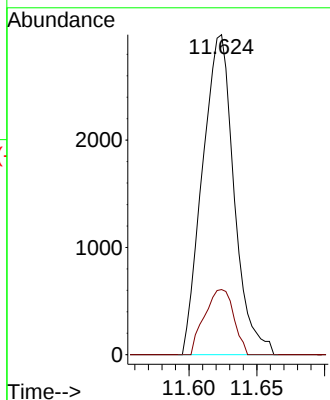
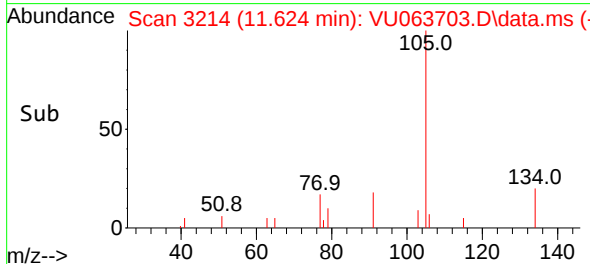
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



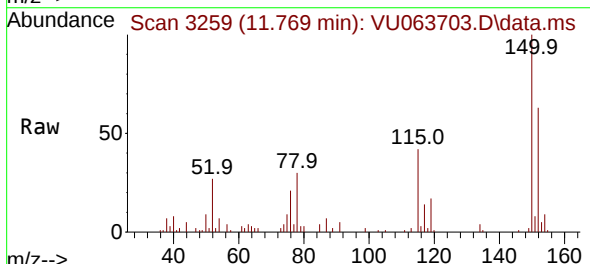
Tgt Ion:105 Resp: 484
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

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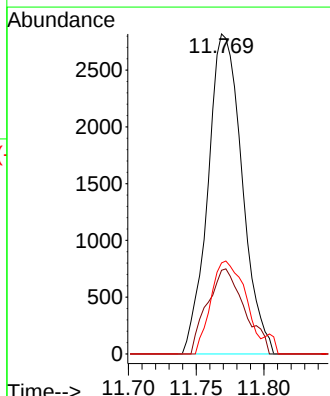
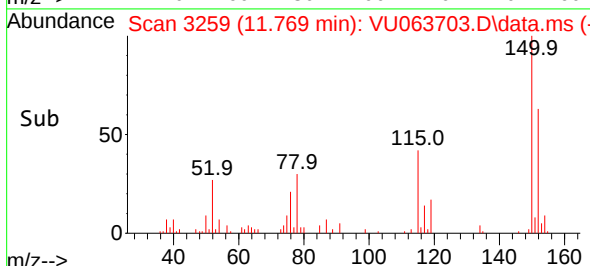
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

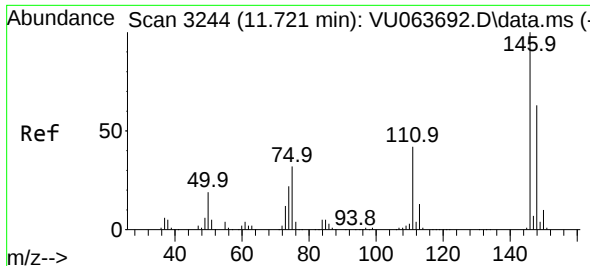


#86
 p-Isopropyltoluene
 Concen: 0.613 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063703.D
 Acq: 11 Nov 2025 14:07



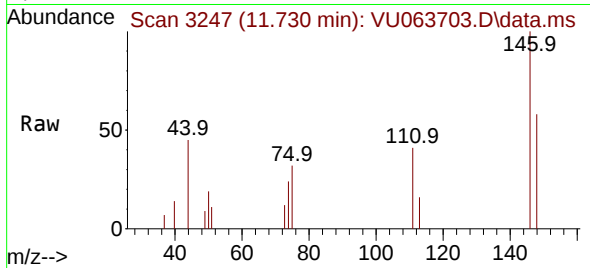
Tgt Ion:119 Resp: 4937
 Ion Ratio Lower Upper
 119 100
 134 28.8 12.6 37.6
 91 29.2 12.6 37.8





#87
1,3-Dichlorobenzene
Concen: 0.619 ug/l
RT: 11.730 min Scan# 311
Delta R.T. 0.009 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

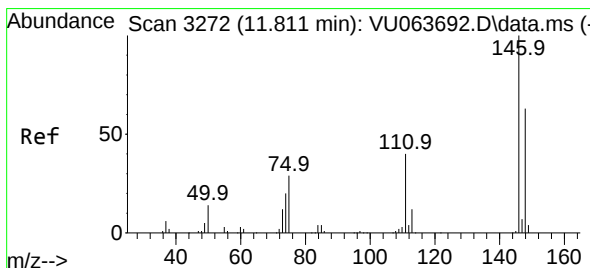
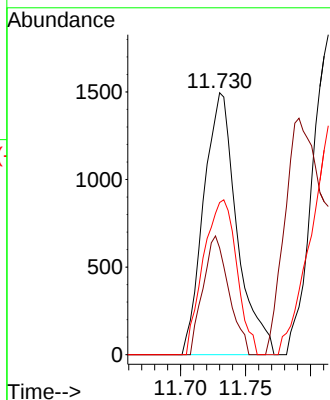
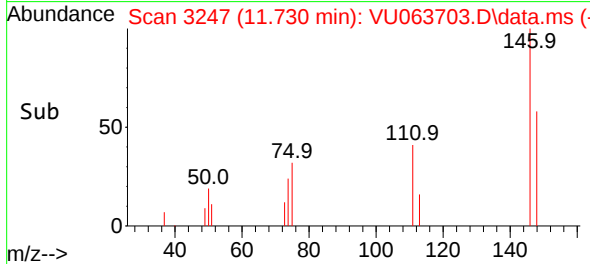
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



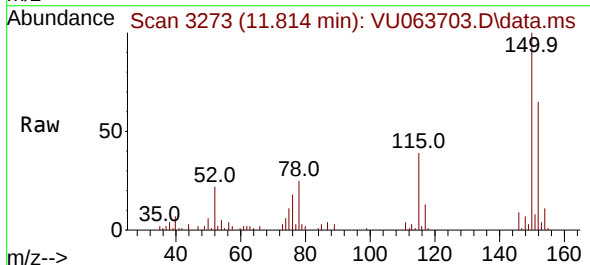
Tgt Ion:146 Resp: 266
Ion Ratio Lower Upper
146 100
111 35.2 20.6 61.8
148 59.0 31.8 95.4

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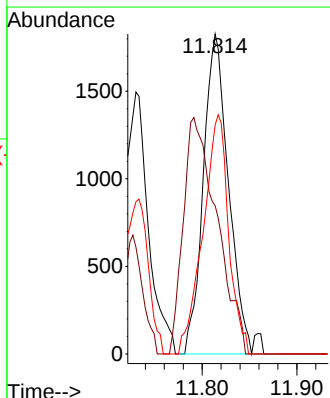
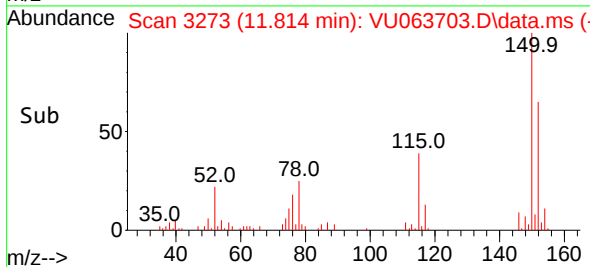
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

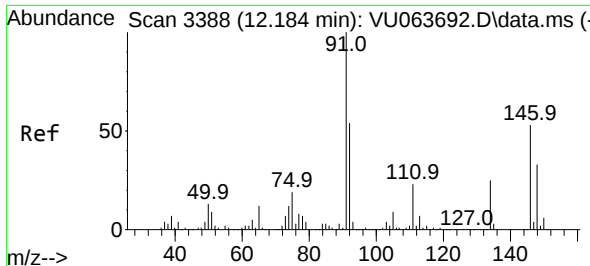


#88
1,4-Dichlorobenzene
Concen: 0.762 ug/l m
RT: 11.814 min Scan# 3273
Delta R.T. 0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07



Tgt Ion:146 Resp: 3431
Ion Ratio Lower Upper
146 100
111 27.3 20.4 61.3
148 45.8 31.4 94.3





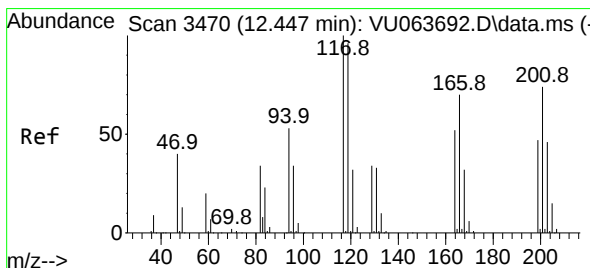
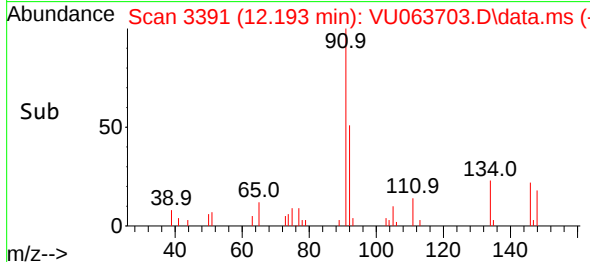
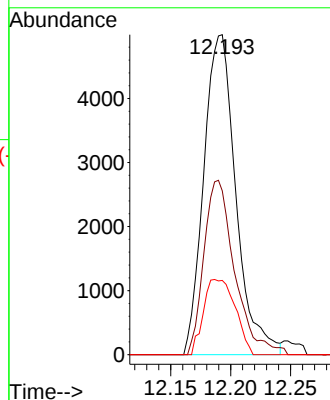
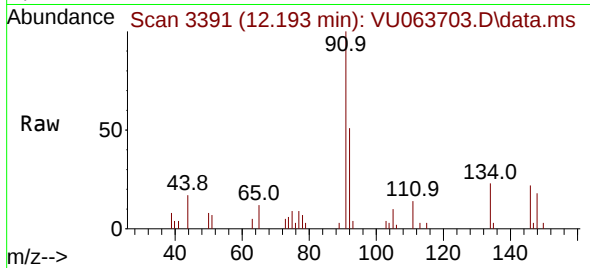
#89
n-Butylbenzene
Concen: 1.258 ug/l
RT: 12.193 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 931
Ion Ratio Lower Upper
91 100
92 52.3 27.0 81.0
134 23.1 12.4 37.4

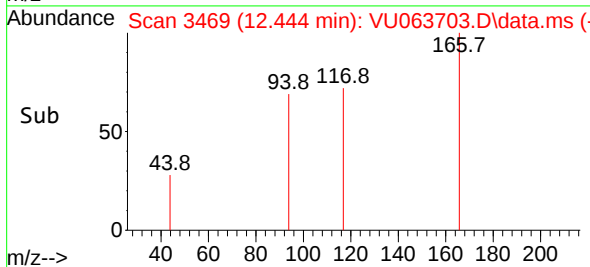
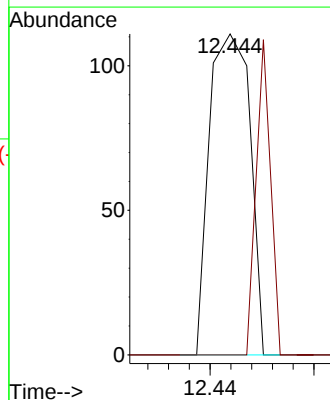
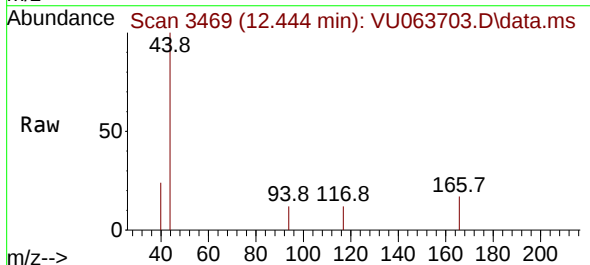
Manual Integrations
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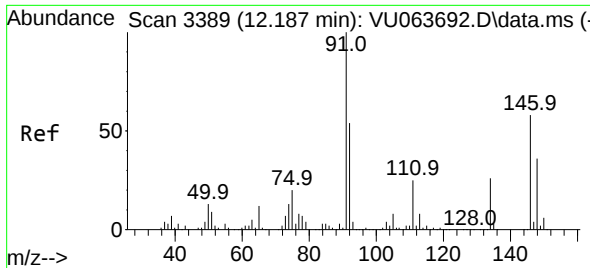
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#90
Hexachloroethane
Concen: 0.049 ug/l
RT: 12.444 min Scan# 3469
Delta R.T. -0.003 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

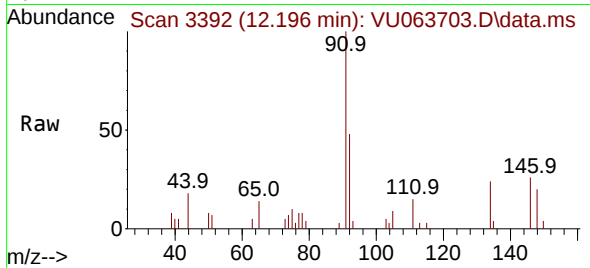
Tgt Ion:117 Resp: 60
Ion Ratio Lower Upper
117 100
201 35.0 36.6 109.8#





#91
1,2-Dichlorobenzene
Concen: 0.532 ug/l m
RT: 12.196 min Scan# 3389
Delta R.T. 0.009 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

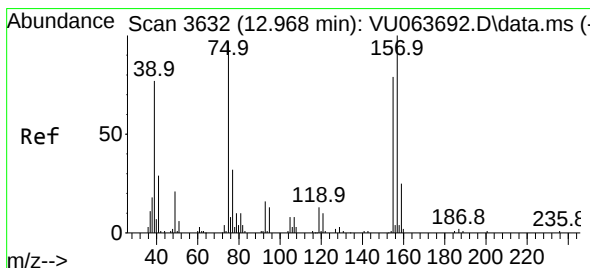
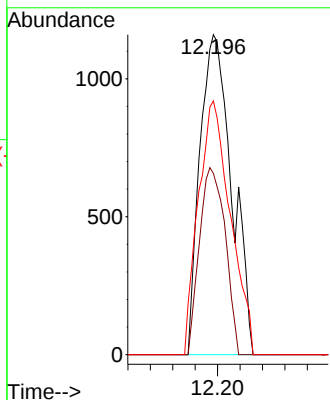
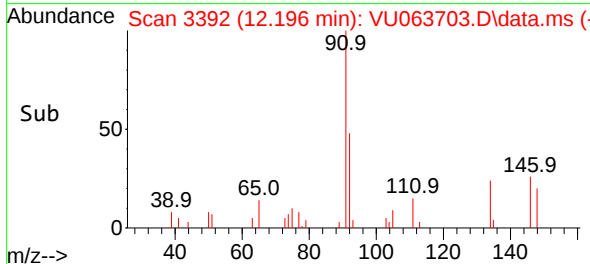
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:146 Resp: 2280
Ion Ratio Lower Upper
146 100
111 47.2 21.8 65.3
148 79.8 31.6 94.7

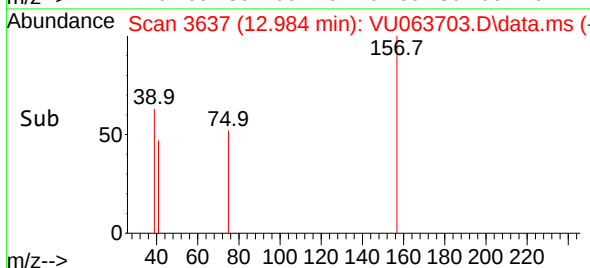
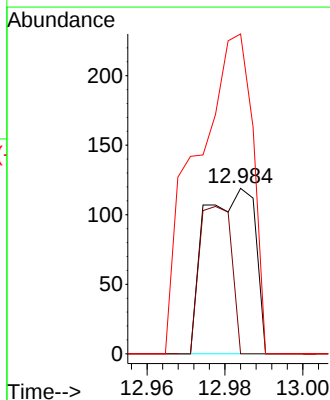
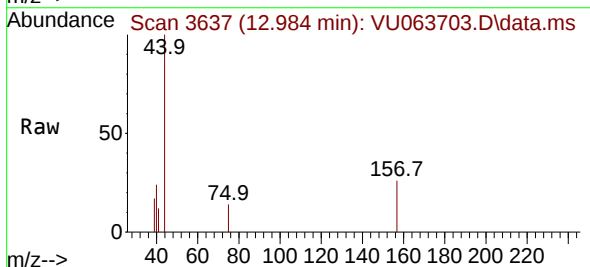
Manual Integrations
APPROVED

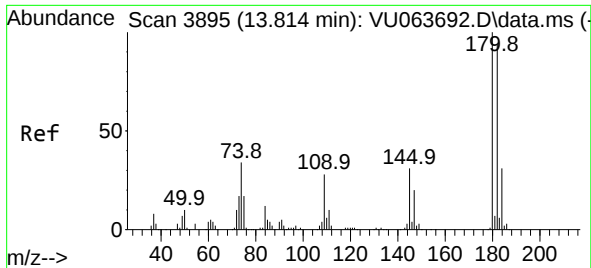
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.148 ug/l
RT: 12.984 min Scan# 3637
Delta R.T. 0.016 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

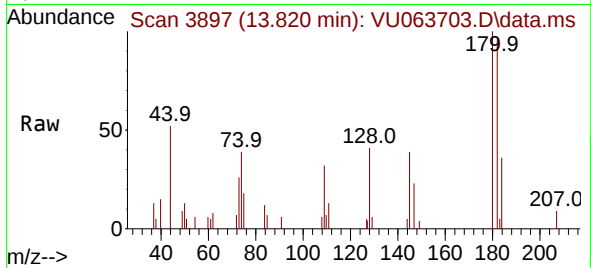
Tgt Ion: 75 Resp: 106
Ion Ratio Lower Upper
75 100
155 56.6 40.5 121.4
157 218.9 50.4 151.3#





#93
1,2,4-Trichlorobenzene
Concen: 1.693 ug/l
RT: 13.820 min Scan# 3897
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

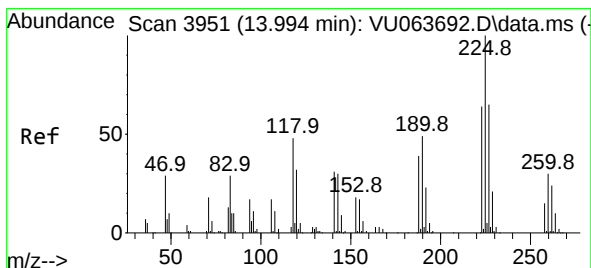
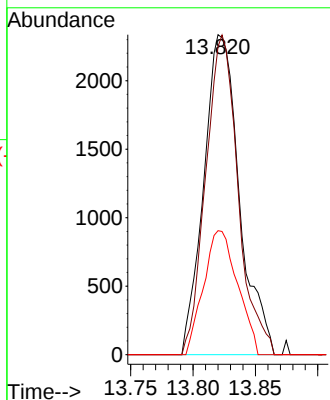
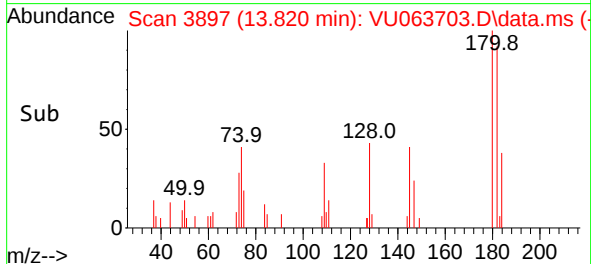
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



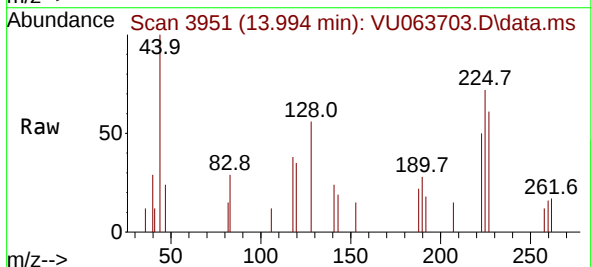
Tgt Ion:180 Resp: 4630
Ion Ratio Lower Upper
180 100
182 90.7 47.6 142.9
145 37.0 15.9 47.6

Manual Integrations
APPROVED

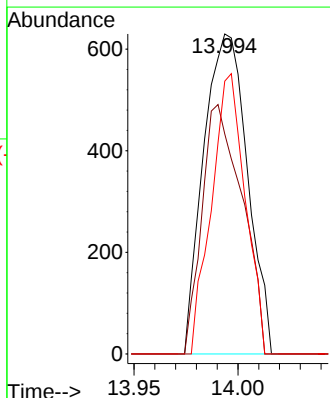
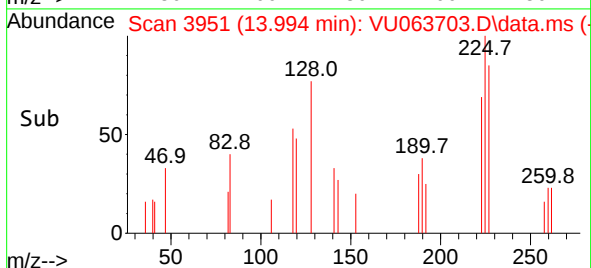
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

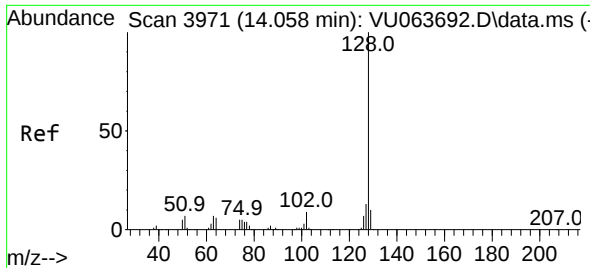


#94
Hexachlorobutadiene
Concen: 0.669 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07



Tgt Ion:225 Resp: 923
Ion Ratio Lower Upper
225 100
223 71.5 31.6 94.8
227 67.5 32.4 97.0





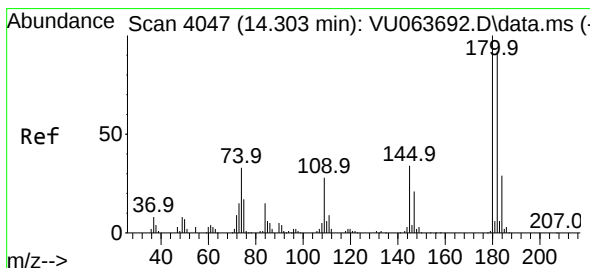
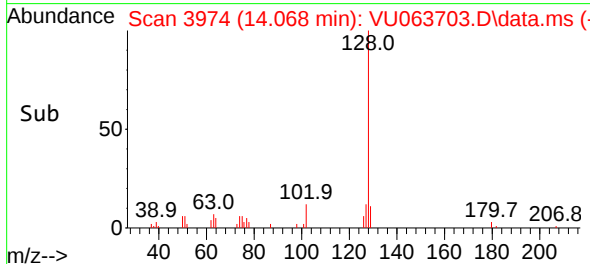
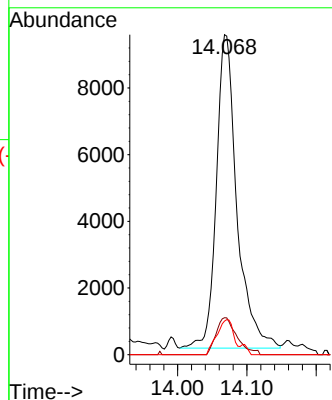
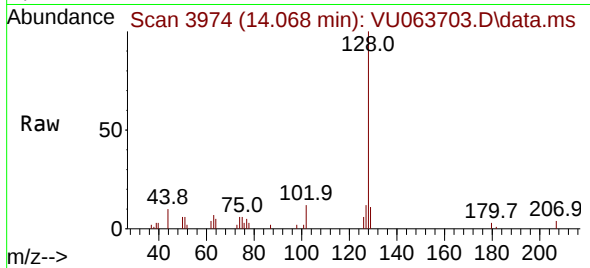
#95
Naphthalene
Concen: 2.619 ug/l
RT: 14.068 min Scan# 3971
Delta R.T. 0.010 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:128 Resp: 1942
Ion Ratio Lower Upper
128 100
127 11.8 9.9 14.9
129 9.2 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 1.792 ug/l
RT: 14.309 min Scan# 4049
Delta R.T. 0.006 min
Lab File: VU063703.D
Acq: 11 Nov 2025 14:07

Tgt Ion:180 Resp: 4562
Ion Ratio Lower Upper
180 100
182 101.4 47.3 142.0
145 33.8 16.6 49.7

