

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063704.D
 Acq On : 11 Nov 2025 14:31
 Operator : MD/SY
 Sample : Q3530-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 12 02:27:24 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.345	168	199209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	334740	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	313232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	154299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.673	65	139661	47.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.920%		
35) Dibromofluoromethane	5.258	113	105452	44.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.960%		
50) Toluene-d8	7.872	98	377700	44.843	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.680%#		
62) 4-Bromofluorobenzene	10.608	95	155667	44.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	171	0.142	ug/l #	41
3) Chloromethane	1.512	50	533	0.381	ug/l #	86
4) Vinyl Chloride	1.592	62	383	0.259	ug/l #	33
5) Bromomethane	1.840	94	496	0.477	ug/l	94
6) Chloroethane	1.923	64	428	0.382	ug/l	91
7) Trichlorofluoromethane	2.116	101	565	0.200	ug/l	94
8) Diethyl Ether	2.361	74	341	0.283	ug/l #	14
9) 1,1,2-Trichlorotrifluo...	2.567	101	312m	0.173	ug/l	
10) Methyl Iodide	2.705	142	430m	0.240	ug/l	
11) Tert butyl alcohol	3.161	59	2404	3.501	ug/l #	73
12) 1,1-Dichloroethene	2.554	96	461	0.298	ug/l #	75
13) Acrolein	2.460	56	421m	7.669	ug/l	
14) Allyl chloride	2.894	41	1104m	0.382	ug/l	
15) Acrylonitrile	3.332	53	1018m	0.724	ug/l	
16) Acetone	2.605	43	2766	1.437	ug/l #	86
17) Carbon Disulfide	2.769	76	1246	0.547	ug/l #	71
18) Methyl Acetate	2.956	43	850m	0.186	ug/l	
19) Methyl tert-butyl Ether	3.341	73	1392	0.199	ug/l	97
20) Methylene Chloride	3.020	84	4306	1.962	ug/l	96
21) trans-1,2-Dichloroethene	3.335	96	508m	0.319	ug/l	
22) Diisopropyl ether	3.959	45	1349	0.212	ug/l #	71
23) Vinyl Acetate	3.975	43	4132m	0.952	ug/l	
24) 1,1-Dichloroethane	3.843	63	488	0.133	ug/l #	81
25) 2-Butanone	4.766	43	3207m	1.583	ug/l	
26) 2,2-Dichloropropane	4.624	77	451m	0.143	ug/l	
27) cis-1,2-Dichloroethene	4.644	96	508m	0.219	ug/l	
28) Bromochloromethane	4.962	49	180m	0.123	ug/l	
29) Tetrahydrofuran	5.052	42	1178m	0.999	ug/l	
30) Chloroform	5.062	83	850	0.211	ug/l #	62
31) Cyclohexane	5.341	56	4953	1.912	ug/l #	1
32) 1,1,1-Trichloroethane	5.287	97	733	0.222	ug/l #	43
36) 1,1-Dichloropropene	5.505	75	1072m	0.449	ug/l	
37) Ethyl Acetate	4.766	43	3207m	0.949	ug/l	
38) Carbon Tetrachloride	5.492	117	733	0.284	ug/l #	56
39) Methylcyclohexane	6.734	83	642	0.237	ug/l #	56
40) Benzene	5.750	78	1720	0.223	ug/l	94

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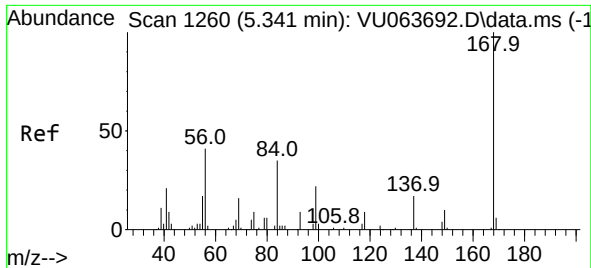
Quant Time: Nov 12 02:27:24 2025
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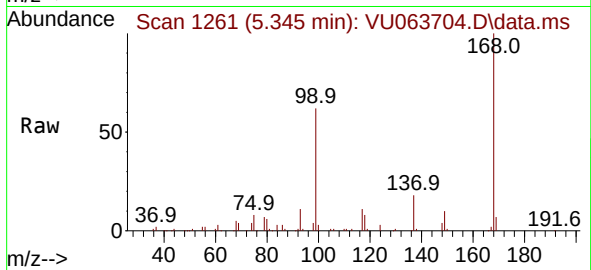
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.036	41	1159m	0.660	ug/l	
42) 1,2-Dichloroethane	5.779	62	813m	0.268	ug/l	
43) Isopropyl Acetate	5.904	43	980m	0.198	ug/l	
44) Trichloroethene	6.525	130	562	0.260	ug/l	98
45) 1,2-Dichloropropane	6.769	63	417	0.199	ug/l #	44
46) Dibromomethane	6.901	93	306	0.195	ug/l #	63
47) Bromodichloromethane	7.084	83	547m	0.172	ug/l	
48) Methyl methacrylate	6.968	41	476m	0.196	ug/l	
51) 4-Methyl-2-Pentanone	7.779	43	4710	1.243	ug/l	87
52) Toluene	7.949	92	1184	0.237	ug/l	91
53) t-1,3-Dichloropropene	8.197	75	528m	0.197	ug/l	
54) cis-1,3-Dichloropropene	7.586	75	541m	0.180	ug/l	
55) 1,1,2-Trichloroethane	8.370	97	320m	0.140	ug/l	
56) Ethyl methacrylate	8.341	69	525m	0.155	ug/l	
57) 1,3-Dichloropropane	8.560	76	602	0.161	ug/l #	69
59) 2-Hexanone	8.688	43	4725m	1.674	ug/l	
60) Dibromochloromethane	8.778	129	422m	0.176	ug/l	
61) 1,2-Dibromoethane	8.897	107	423	0.191	ug/l	98
64) Tetrachloroethene	8.531	164	623m	0.308	ug/l	
65) Chlorobenzene	9.418	112	1915	0.313	ug/l #	77
66) 1,1,1,2-Tetrachloroethane	9.512	131	527	0.253	ug/l #	48
67) Ethyl Benzene	9.550	91	2546	0.250	ug/l #	85
68) m/p-Xylenes	9.676	106	1822	0.484	ug/l	87
69) o-Xylene	10.081	106	784	0.202	ug/l	97
70) Styrene	10.106	104	1574	0.252	ug/l	99
71) Bromoform	10.267	173	376	0.224	ug/l #	61
73) Isopropylbenzene	10.460	105	2535	0.262	ug/l	91
74) N-amyl acetate	10.319	43	1901m	0.563	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.766	83	594	0.160	ug/l #	86
76) 1,2,3-Trichloropropane	10.788	75	1422m	0.366	ug/l	
77) Bromobenzene	10.766	156	967	0.396	ug/l	84
78) n-propylbenzene	10.884	91	4060	0.365	ug/l	90
79) 2-Chlorotoluene	10.968	91	2269	0.316	ug/l	93
80) 1,3,5-Trimethylbenzene	11.071	105	1963	0.241	ug/l	99
82) 4-Chlorotoluene	11.081	91	3218	0.394	ug/l	90
83) tert-Butylbenzene	11.396	119	2051	0.242	ug/l	85
84) 1,2,4-Trimethylbenzene	11.450	105	2341	0.293	ug/l	93
85) sec-Butylbenzene	11.618	105	3439	0.322	ug/l	98
86) p-Isopropyltoluene	11.769	119	2994	0.349	ug/l #	75
87) 1,3-Dichlorobenzene	11.733	146	2220	0.484	ug/l	92
88) 1,4-Dichlorobenzene	11.817	146	2463m	0.514	ug/l	
89) n-Butylbenzene	12.190	91	5179	0.657	ug/l	97
90) Hexachloroethane	12.454	117	63	0.048	ug/l #	13
91) 1,2-Dichlorobenzene	12.196	146	1706	0.373	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	12.978	75	22	0.029	ug/l #	38
93) 1,2,4-Trichlorobenzene	13.820	180	2557	0.877	ug/l	90
94) Hexachlorobutadiene	13.990	225	510	0.347	ug/l	96
95) Naphthalene	14.068	128	13018	1.648	ug/l	98
96) 1,2,3-Trichlorobenzene	14.306	180	2681	0.989	ug/l	91

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.345 min Scan# 1260
Delta R.T. 0.004 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

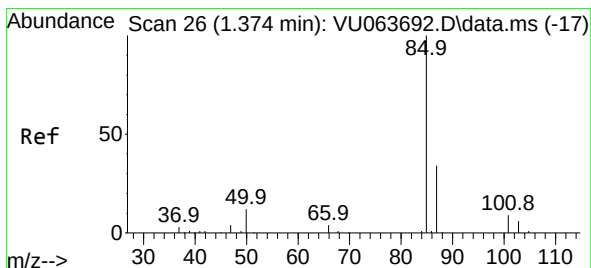
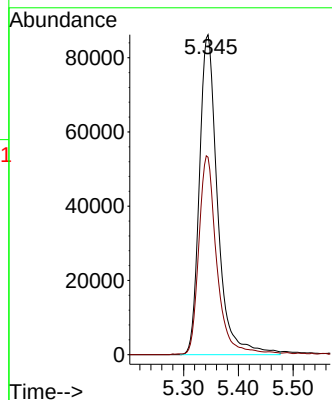
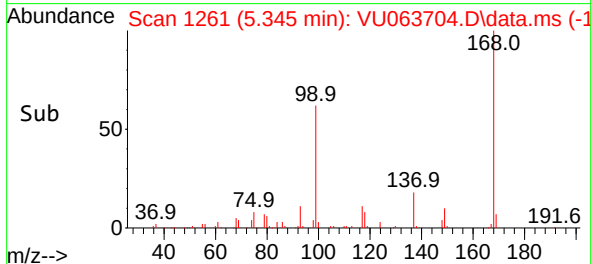
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:168 Resp: 199209
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4

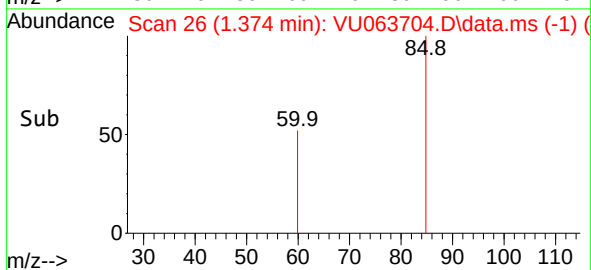
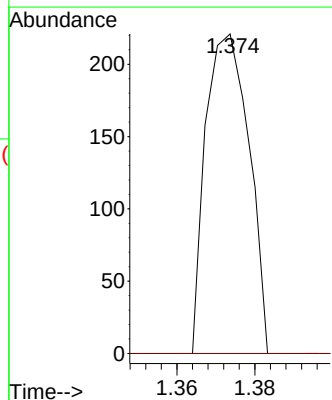
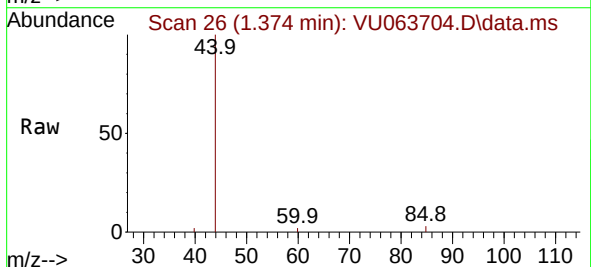
Manual Integrations
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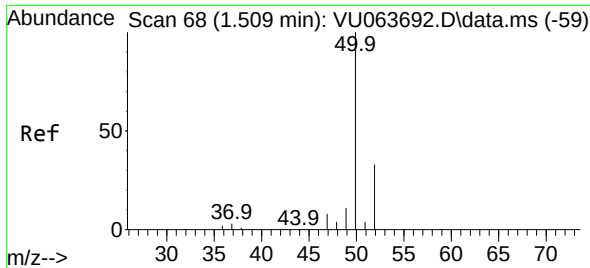
Reviewed By :John Carlone 11/12/2025
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#2
Dichlorodifluoromethane
Concen: 0.142 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion: 85 Resp: 171
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#





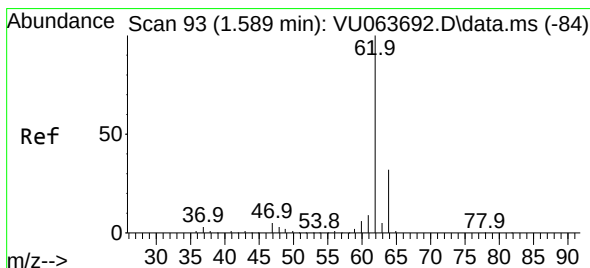
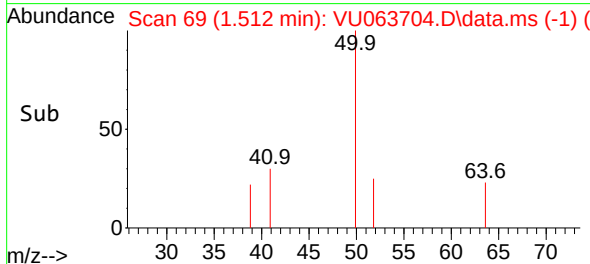
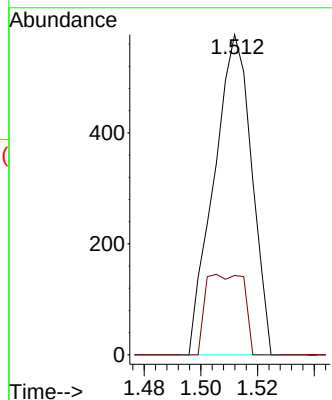
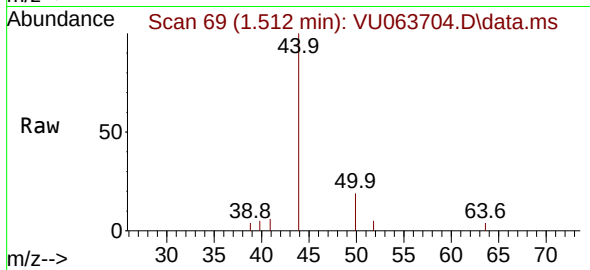
#3
Chloromethane
Concen: 0.381 ug/l
RT: 1.512 min Scan# 69
Delta R.T. 0.003 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 50 Resp: 53
Ion Ratio Lower Upper
50 100
52 24.8 26.3 39.5

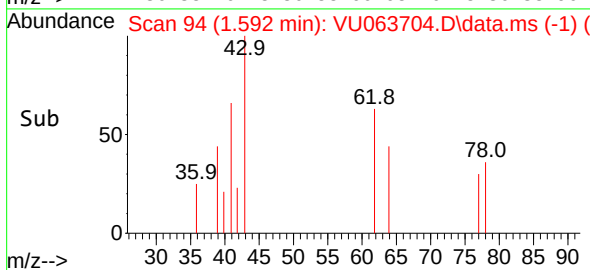
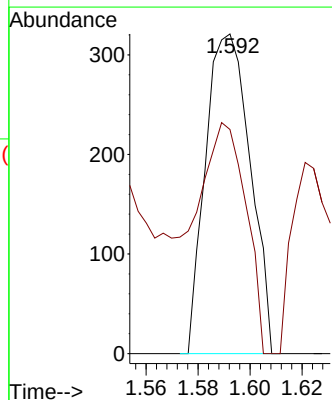
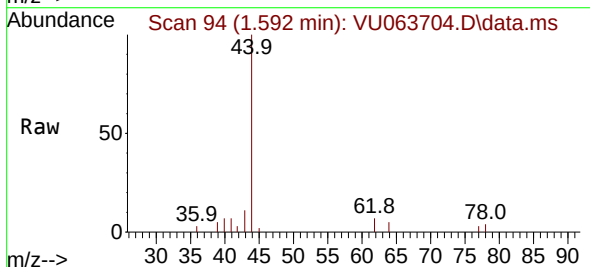
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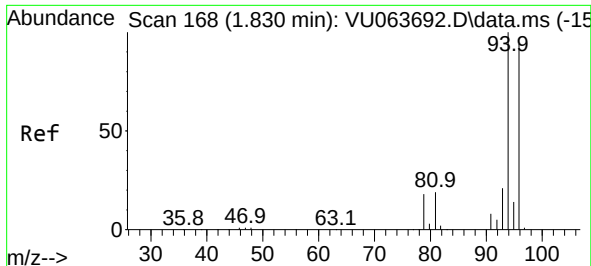
Reviewed By :John Carlone 11/12/2025
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#4
Vinyl Chloride
Concen: 0.259 ug/l
RT: 1.592 min Scan# 94
Delta R.T. 0.003 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion: 62 Resp: 383
Ion Ratio Lower Upper
62 100
64 70.1 25.9 38.9





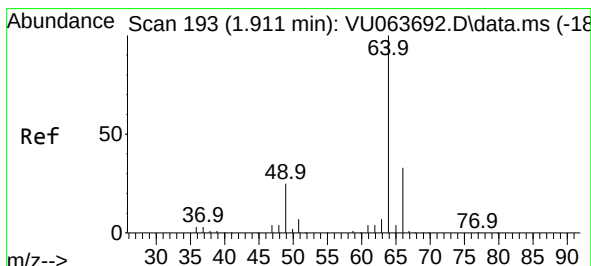
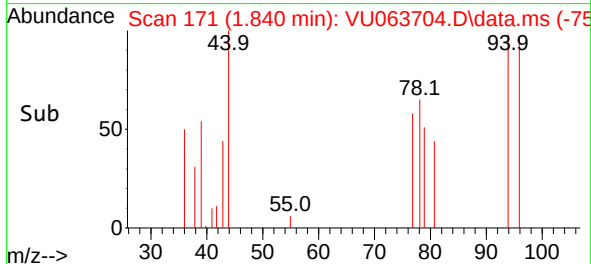
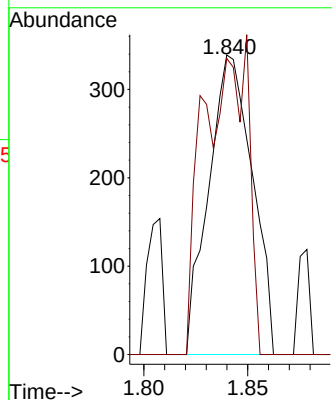
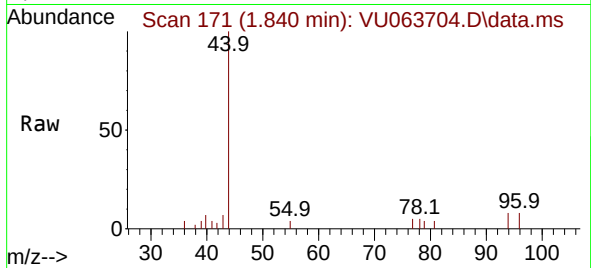
#5
Bromomethane
Concen: 0.477 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 94 Resp: 490
Ion Ratio Lower Upper
94 100
96 98.8 74.8 112.2

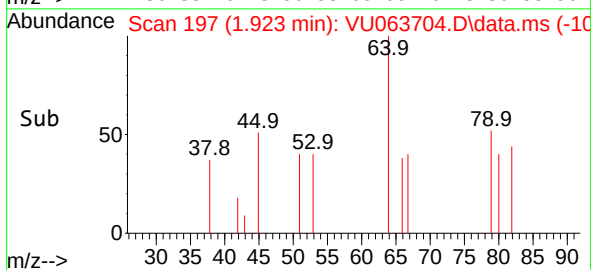
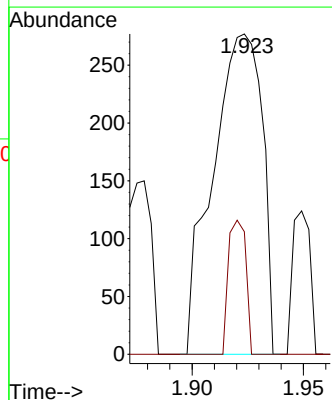
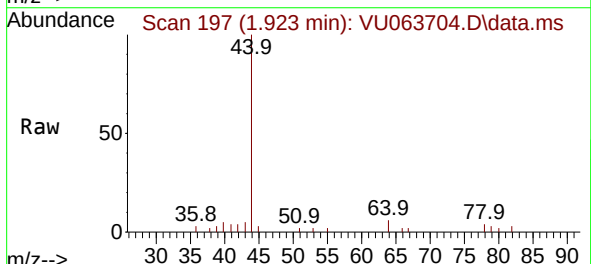
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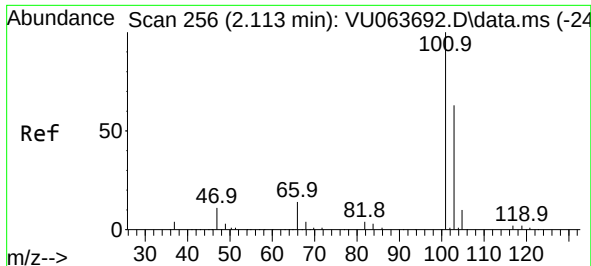
Reviewed By :John Carlone 11/12/2025
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#6
Chloroethane
Concen: 0.382 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.012 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

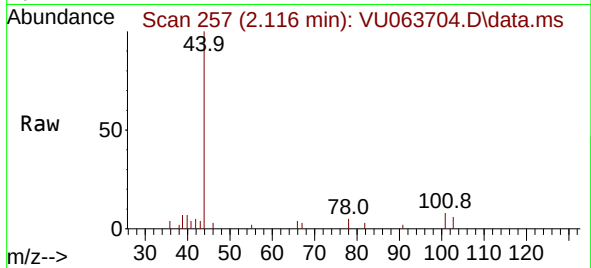
Tgt Ion: 64 Resp: 428
Ion Ratio Lower Upper
64 100
66 38.3 26.4 39.6





#7
Trichlorofluoromethane
Concen: 0.200 ug/l
RT: 2.116 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

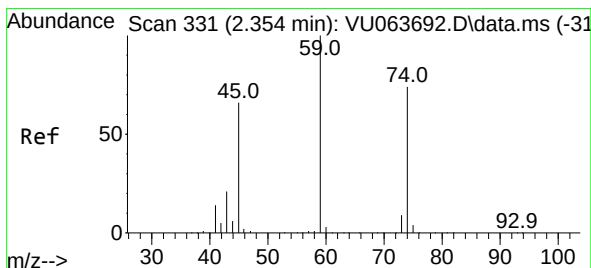
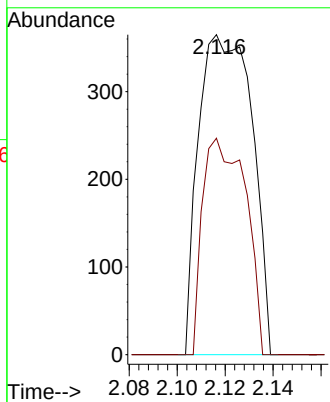
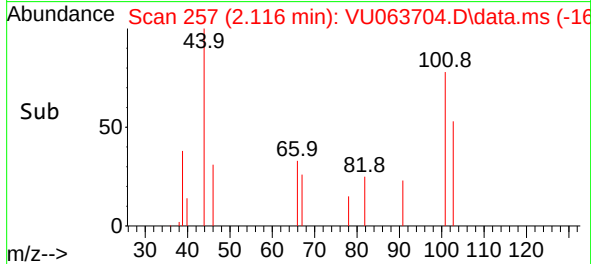
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Tgt Ion:101 Resp: 568
Ion Ratio Lower Upper
101 100
103 67.7 50.3 75.5

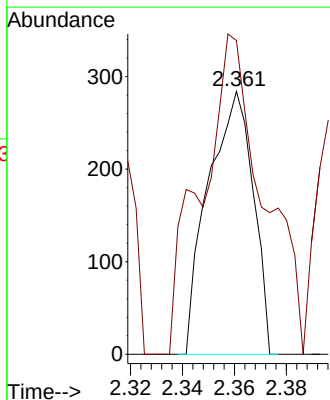
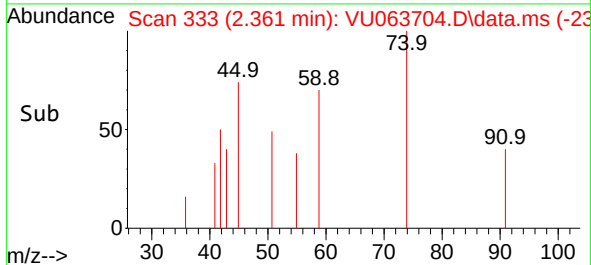
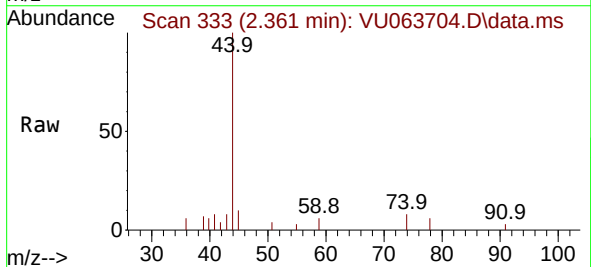
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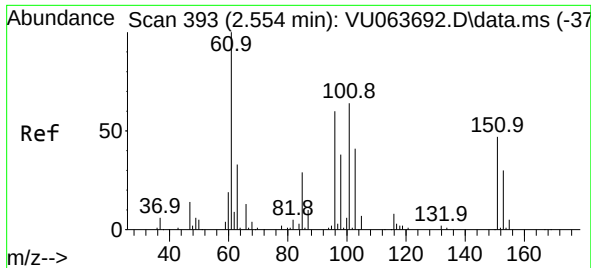
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#8
Diethyl Ether
Concen: 0.283 ug/l
RT: 2.361 min Scan# 333
Delta R.T. 0.007 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion: 74 Resp: 341
Ion Ratio Lower Upper
74 100
45 168.0 44.1 132.4#





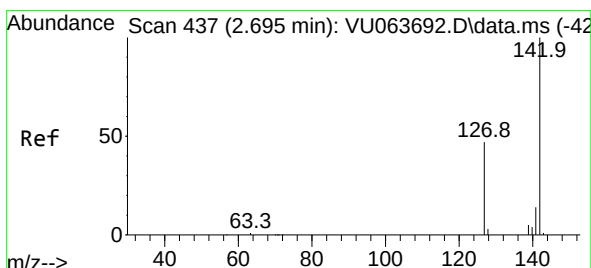
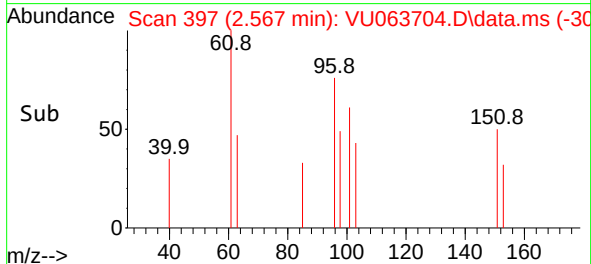
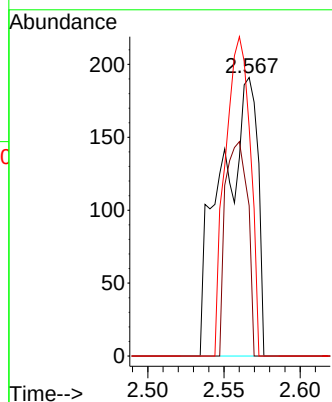
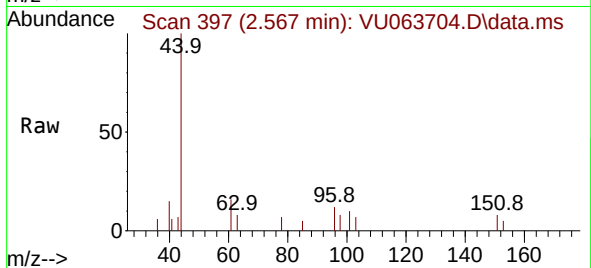
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1,1,2-Trichlorotrifluoroethane
Concen: 0.173 ug/l m
RT: 2.567 min Scan# 393
Delta R.T. 0.013 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion:101 Resp: 312
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 0.0 58.5 87.7#

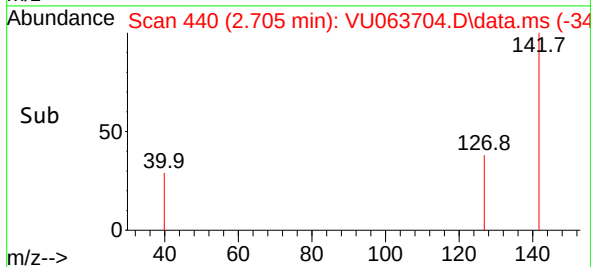
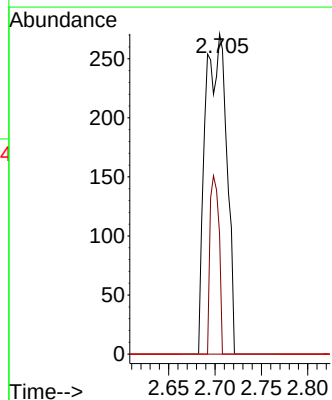
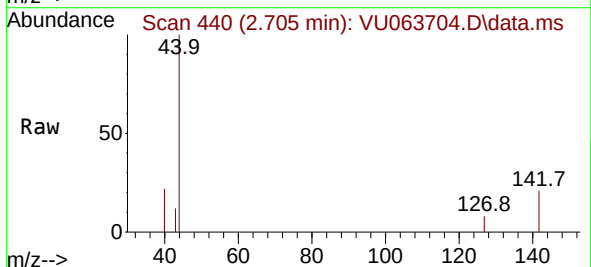
Manual Integrations
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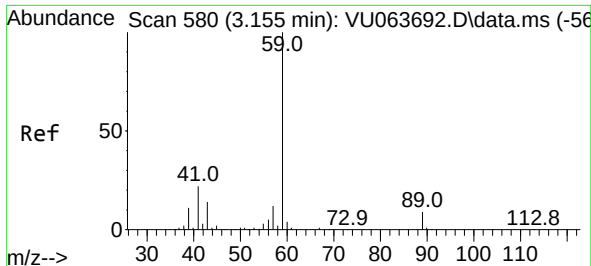
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Methyl Iodide
Concen: 0.240 ug/l m
RT: 2.705 min Scan# 440
Delta R.T. 0.010 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion:142 Resp: 430
Ion Ratio Lower Upper
142 100
127 23.5 37.2 55.8#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 3.501 ug/l

RT: 3.161 min Scan# 580

Delta R.T. 0.006 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 59 Resp: 240

Ion Ratio Lower Upper

59 100

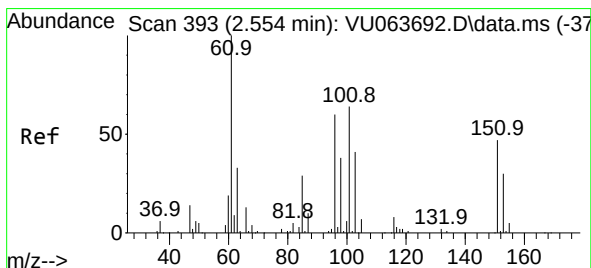
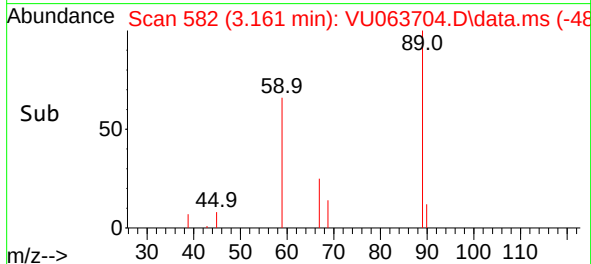
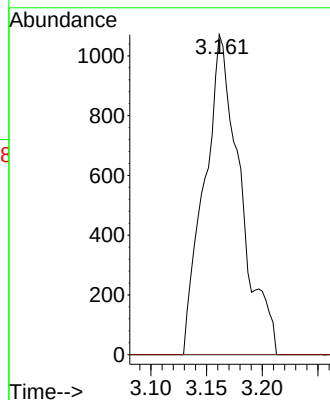
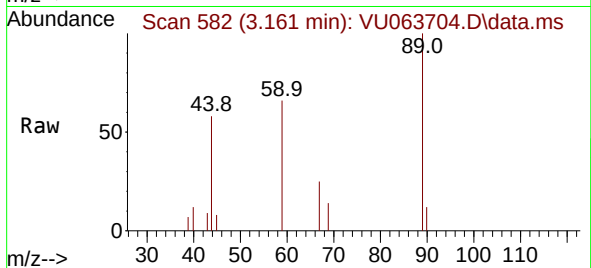
57 0.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#12

1,1-Dichloroethene

Concen: 0.298 ug/l

RT: 2.554 min Scan# 393

Delta R.T. -0.000 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

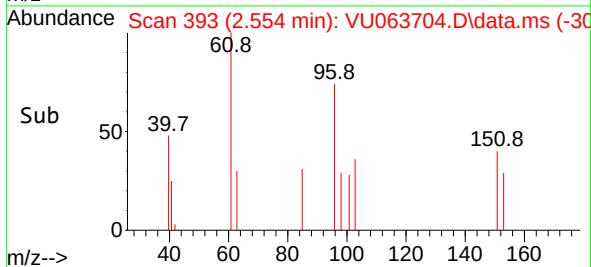
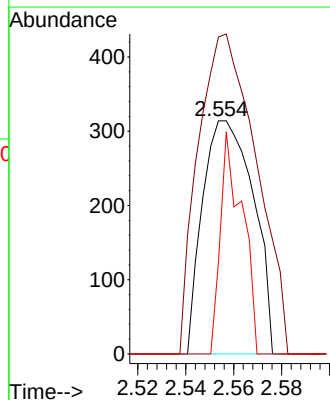
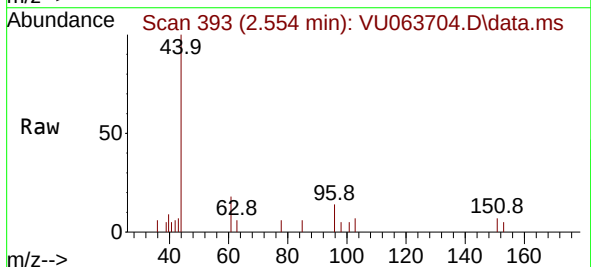
Tgt Ion: 96 Resp: 461

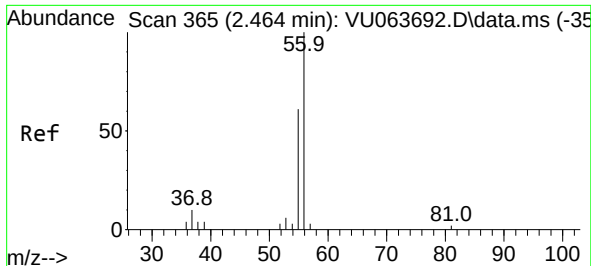
Ion Ratio Lower Upper

96 100

61 136.0 133.1 199.7

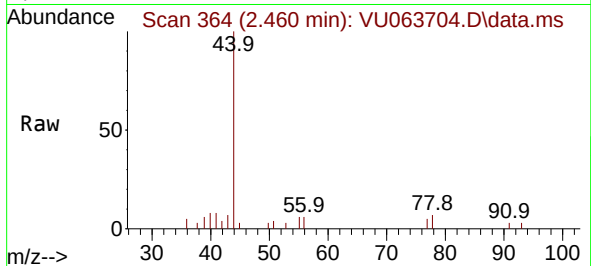
98 39.2 50.7 76.1





#13
Acrolein
Concen: 7.669 ug/l m
RT: 2.460 min Scan# 365
Delta R.T. -0.004 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

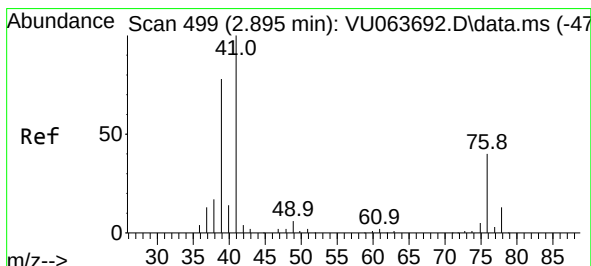
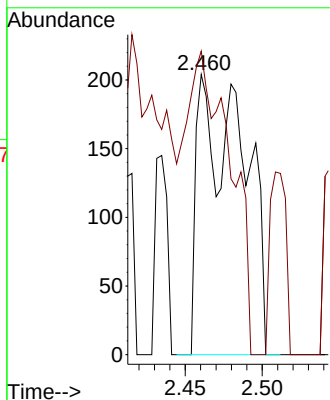
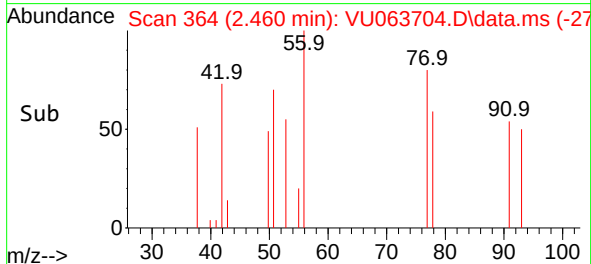
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 100.0 47.1 70.7

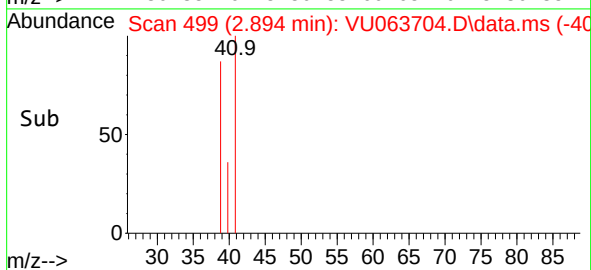
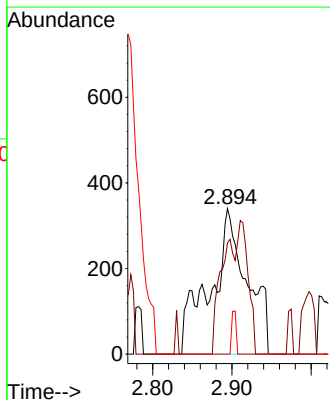
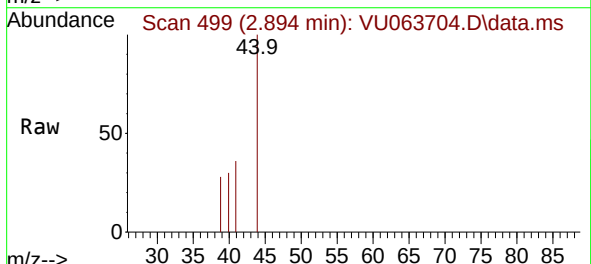
Manual Integrations
APPROVED

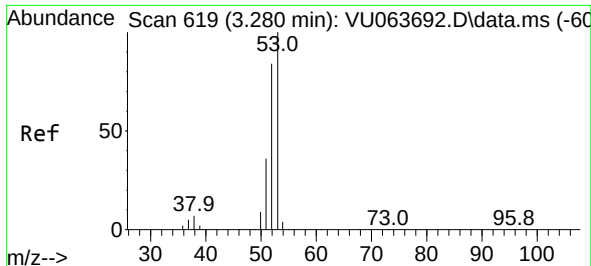
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Allyl chloride
Concen: 0.382 ug/l m
RT: 2.894 min Scan# 499
Delta R.T. -0.001 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

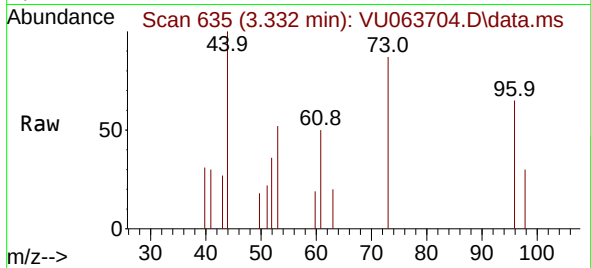
Tgt Ion: 41 Resp: 1104
Ion Ratio Lower Upper
41 100
39 32.7 53.1 79.7#
76 0.0 26.4 39.6#





#15
Acrylonitrile
Concen: 0.724 ug/l m
RT: 3.332 min Scan# 619
Delta R.T. 0.052 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

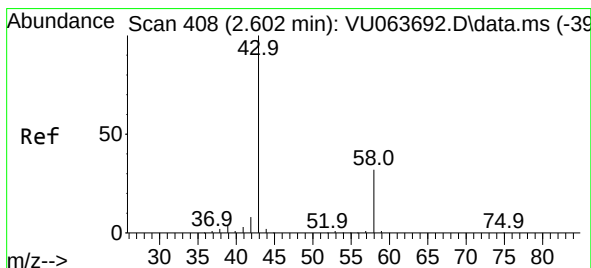
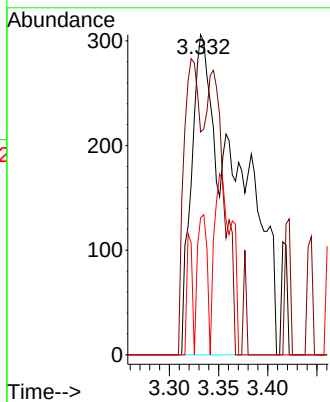
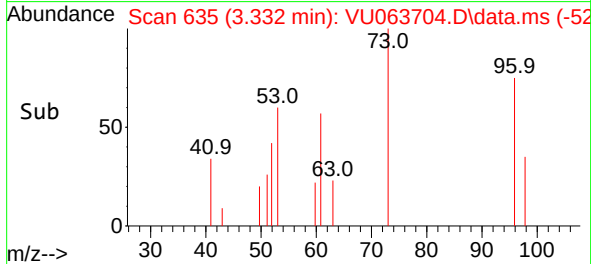
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 53 Resp: 1018
Ion Ratio Lower Upper
53 100
52 31.2 67.5 101.3
51 8.9 29.0 43.6

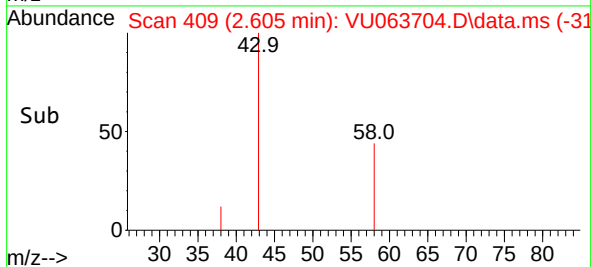
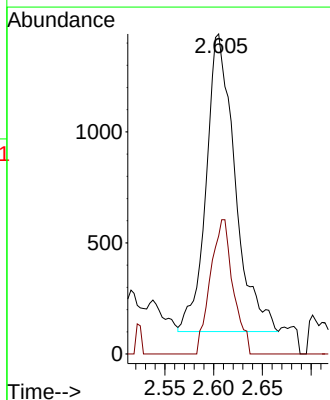
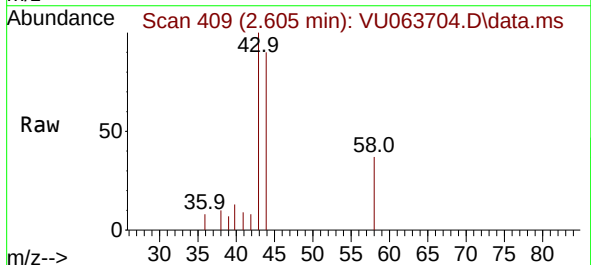
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APPROVED

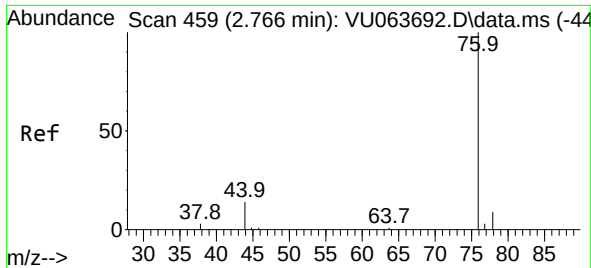
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
Acetone
Concen: 1.437 ug/l
RT: 2.605 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

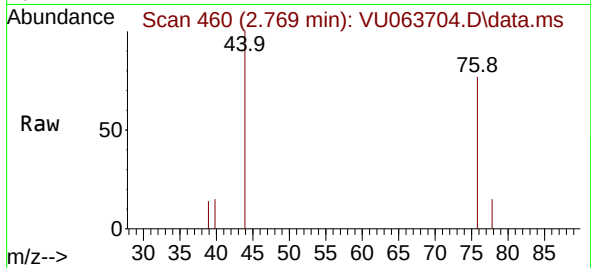
Tgt Ion: 43 Resp: 2766
Ion Ratio Lower Upper
43 100
58 39.7 25.4 38.2





#17
Carbon Disulfide
Concen: 0.547 ug/l
RT: 2.769 min Scan# 459
Delta R.T. 0.003 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

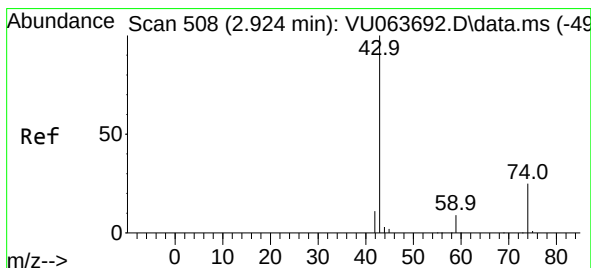
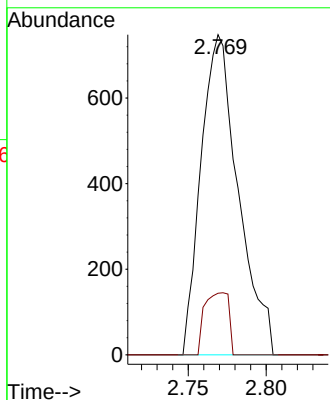
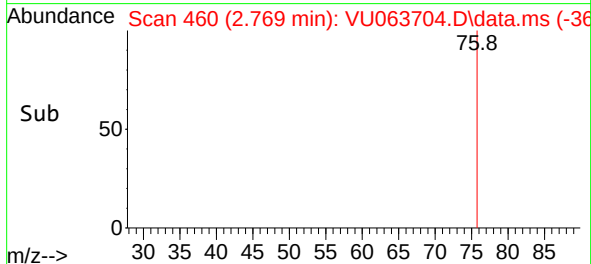
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 76 Resp: 1240
Ion Ratio Lower Upper
76 100
78 19.3 7.0 10.6

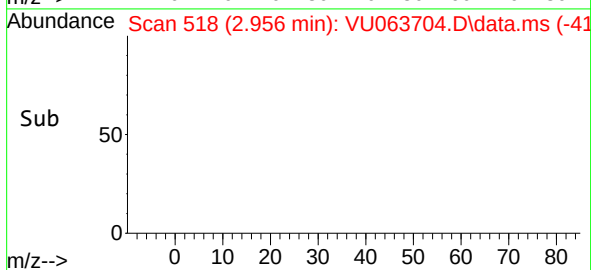
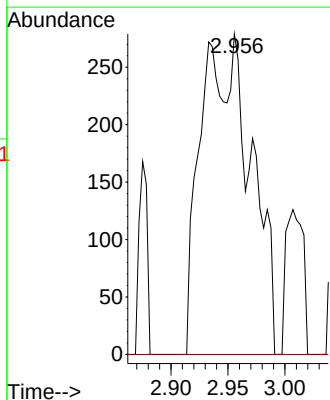
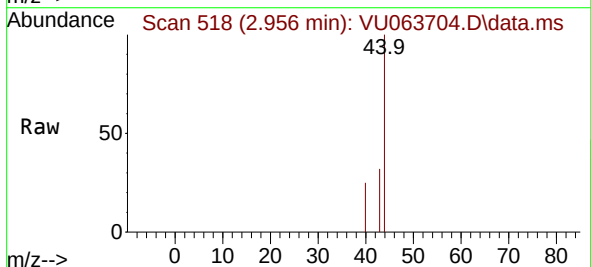
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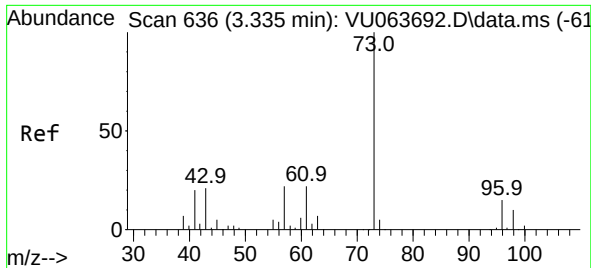
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#18
Methyl Acetate
Concen: 0.186 ug/l m
RT: 2.956 min Scan# 518
Delta R.T. 0.032 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#





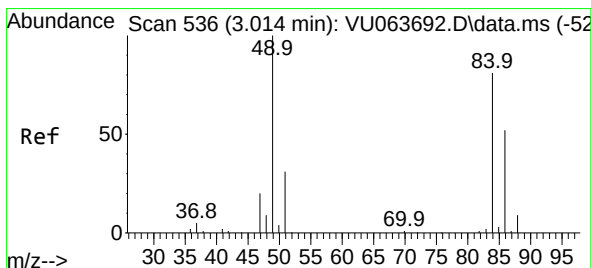
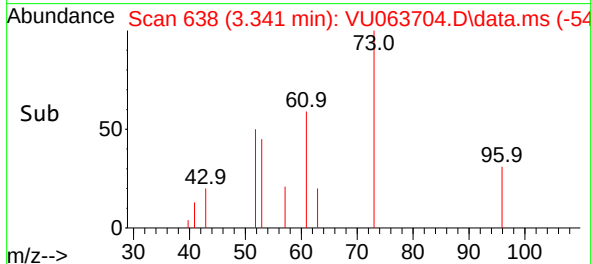
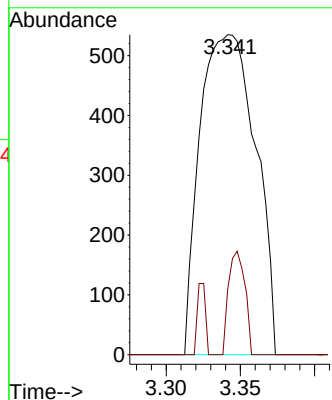
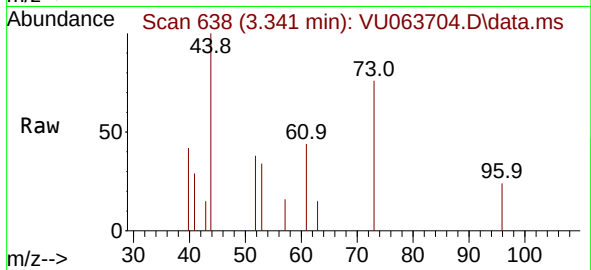
#19
Methyl tert-butyl Ether
Concen: 0.199 ug/l
RT: 3.341 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 73 Resp: 1392
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.2

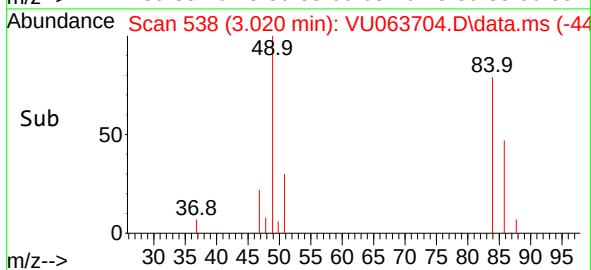
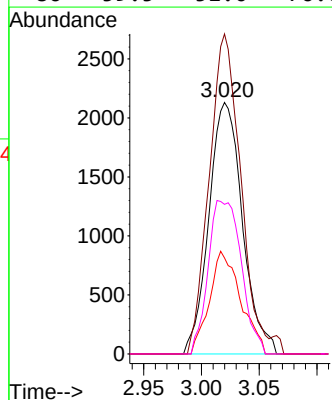
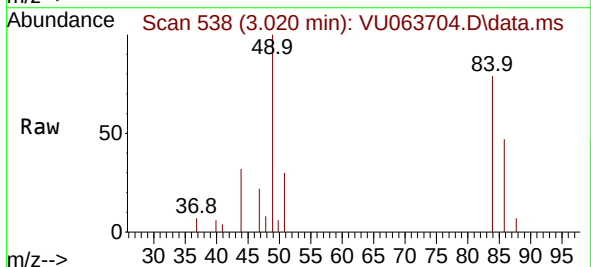
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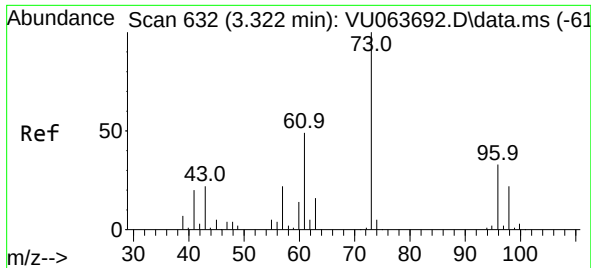
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 1.962 ug/l
RT: 3.020 min Scan# 538
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

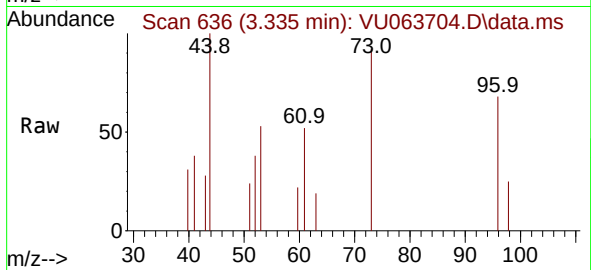
Tgt Ion: 84 Resp: 4306
Ion Ratio Lower Upper
84 100
49 127.2 98.4 147.6
51 38.2 30.1 45.1
86 59.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 0.319 ug/l m
RT: 3.335 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

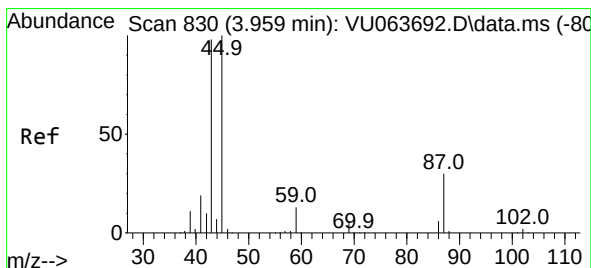
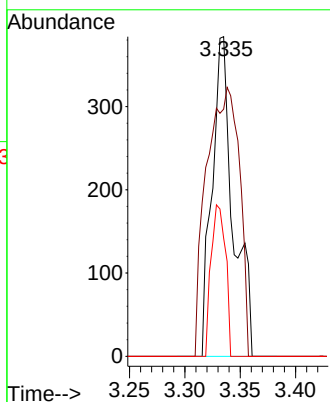
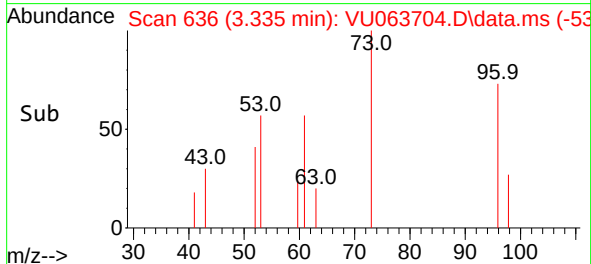
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 508
Ion Ratio Lower Upper
96 100
61 77.3 117.5 176.3#
98 37.0 52.7 79.1#

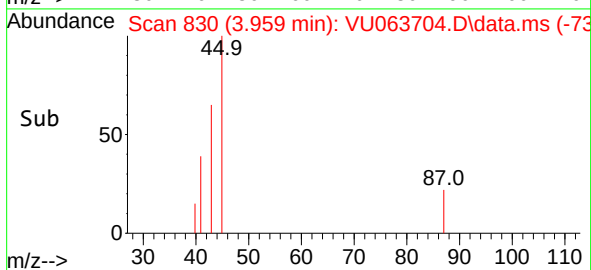
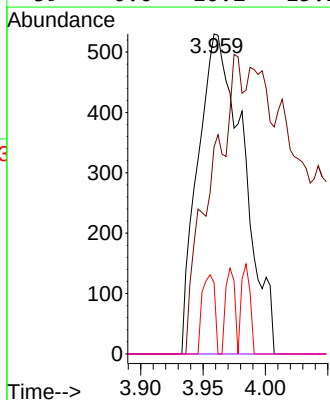
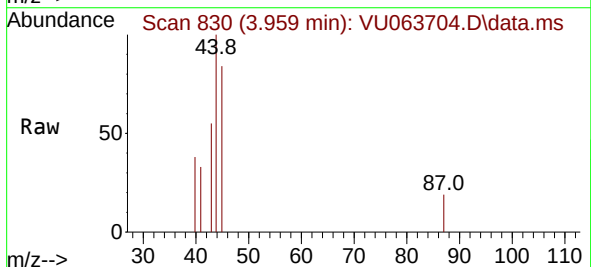
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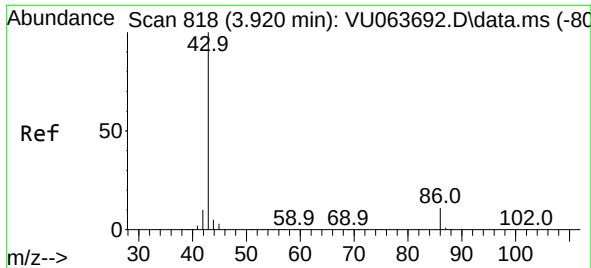
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
Diisopropyl ether
Concen: 0.212 ug/l
RT: 3.959 min Scan# 830
Delta R.T. -0.000 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion: 45 Resp: 1349
Ion Ratio Lower Upper
45 100
43 64.7 78.1 117.1#
87 22.3 23.8 35.8#
59 0.0 10.2 15.2#





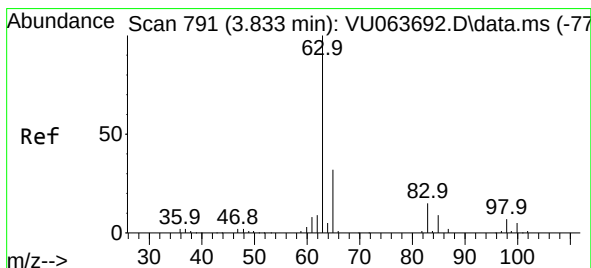
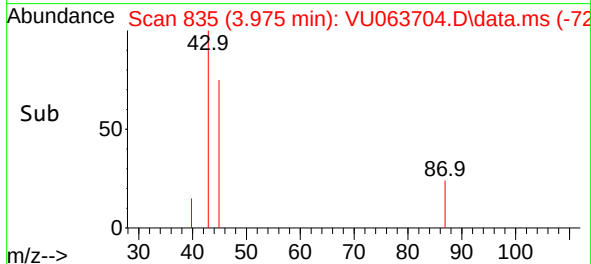
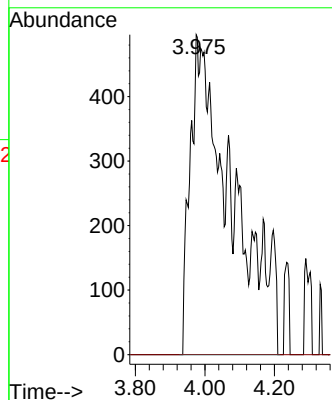
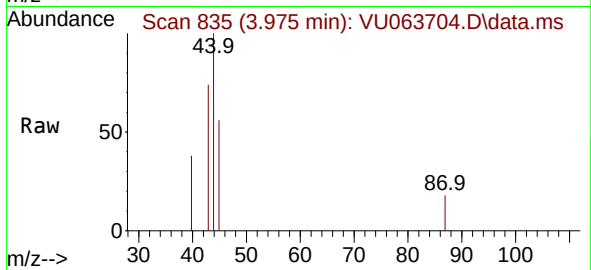
#23
 Vinyl Acetate
 Concen: 0.952 ug/l m
 RT: 3.975 min Scan# 818
 Delta R.T. 0.055 min
 Lab File: VU063704.D
 Acq: 11 Nov 2025 14:31

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

Tgt Ion: 43 Resp: 413
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1

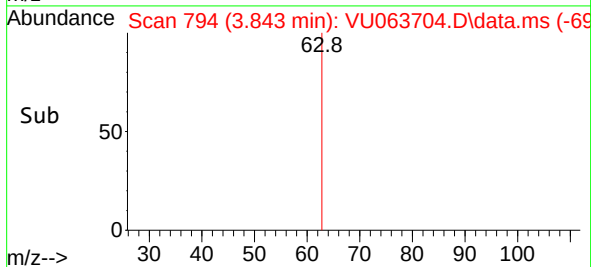
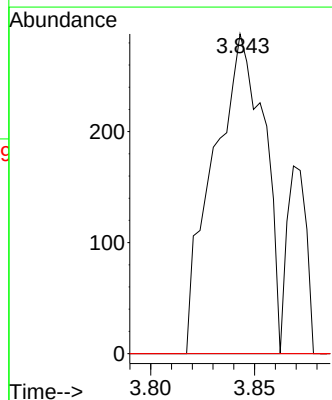
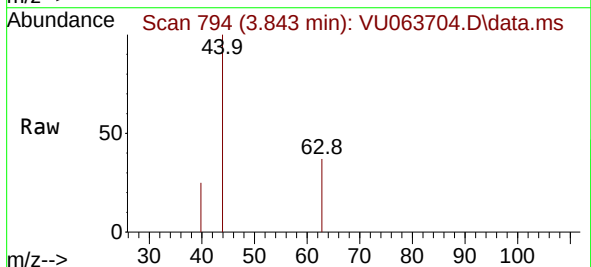
Manual Integrations
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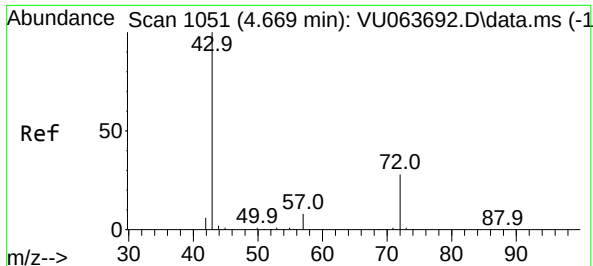
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#24
 1,1-Dichloroethane
 Concen: 0.133 ug/l
 RT: 3.843 min Scan# 794
 Delta R.T. 0.010 min
 Lab File: VU063704.D
 Acq: 11 Nov 2025 14:31

Tgt Ion: 63 Resp: 488
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.7 11.1#
 100 0.0 2.5 7.5#





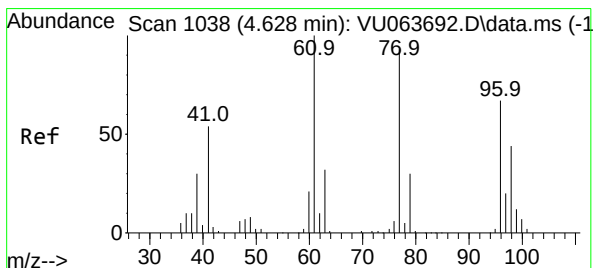
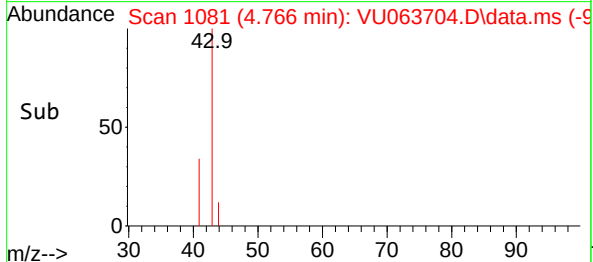
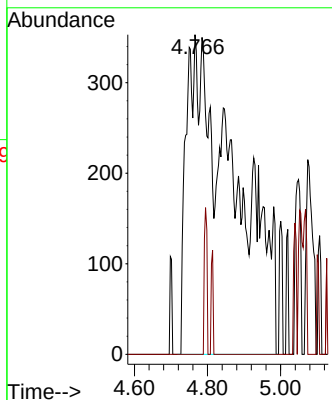
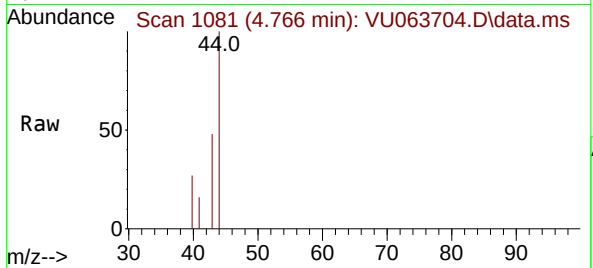
#25
2-Butanone
Concen: 1.583 ug/l m
RT: 4.766 min Scan# 1081
Delta R.T. 0.097 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0

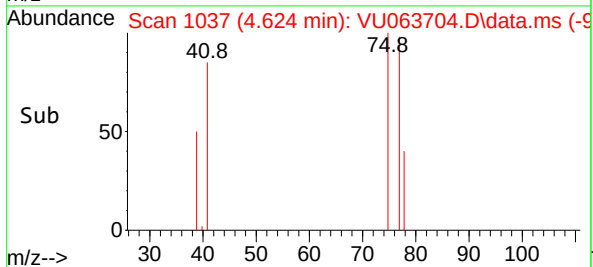
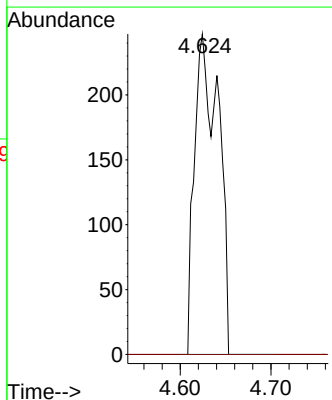
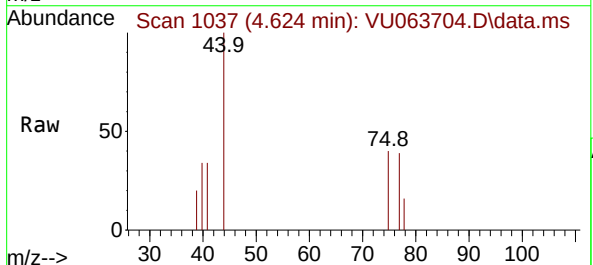
Manual Integrations
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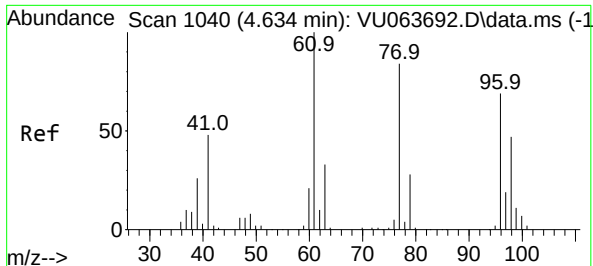
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
2,2-Dichloropropane
Concen: 0.143 ug/l m
RT: 4.624 min Scan# 1037
Delta R.T. -0.004 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

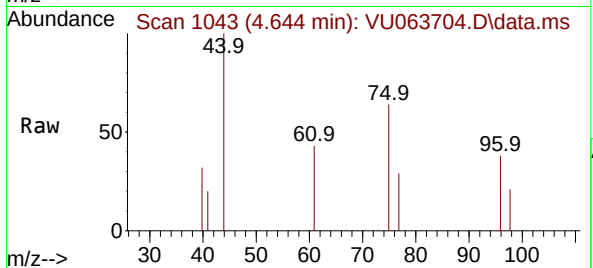
Tgt Ion: 77 Resp: 451
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 0.219 ug/l m
 RT: 4.644 min Scan# 1104
 Delta R.T. 0.010 min
 Lab File: VU063704.D
 Acq: 11 Nov 2025 14:31

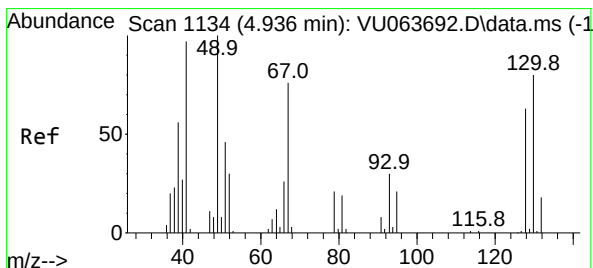
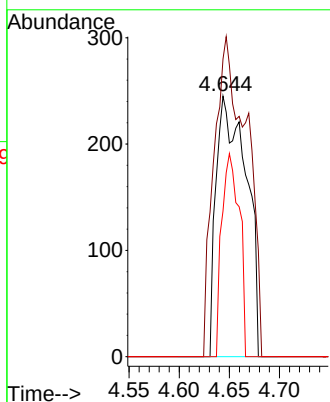
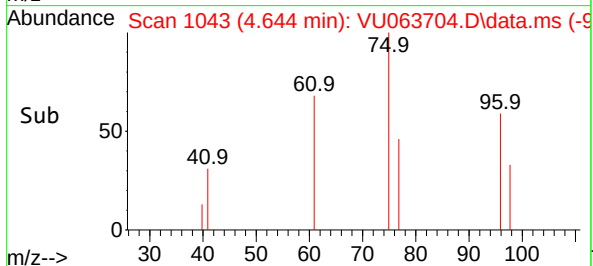
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 508
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 295.4
 98 45.7 0.0 131.8

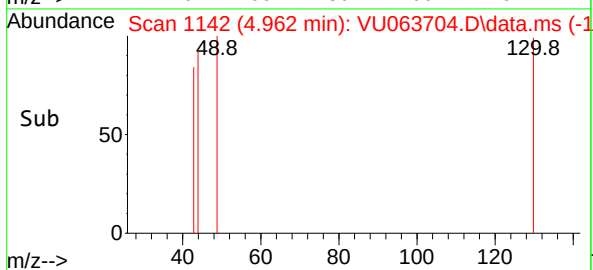
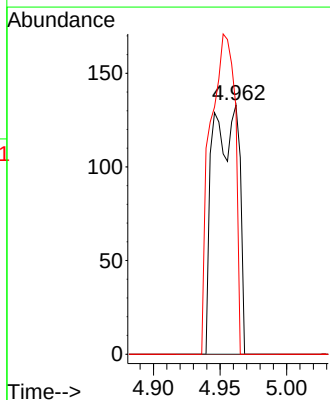
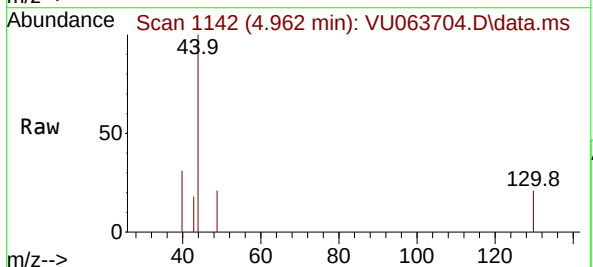
Manual Integrations
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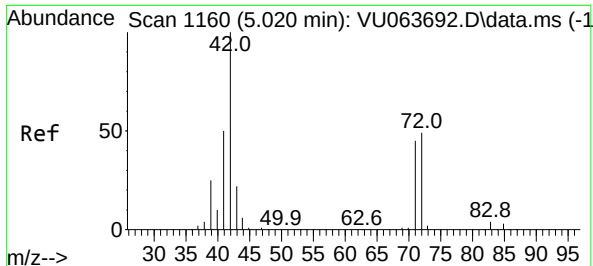
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#28
 Bromochloromethane
 Concen: 0.123 ug/l m
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.026 min
 Lab File: VU063704.D
 Acq: 11 Nov 2025 14:31

Tgt Ion: 49 Resp: 180
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 122.2 65.1 97.7#





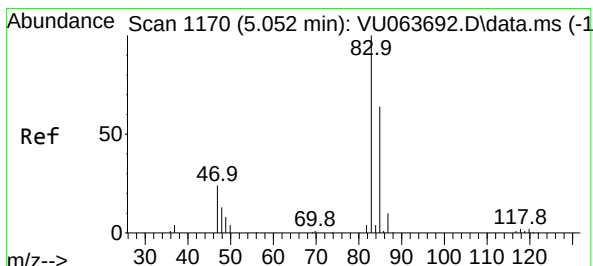
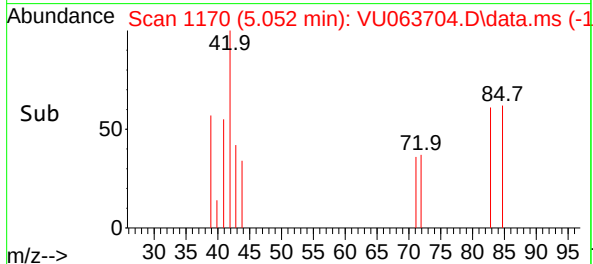
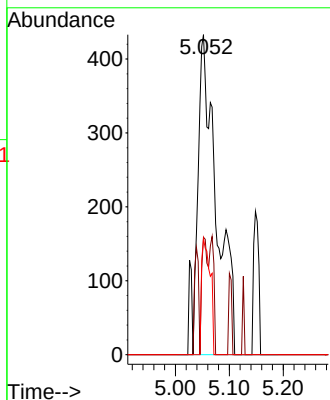
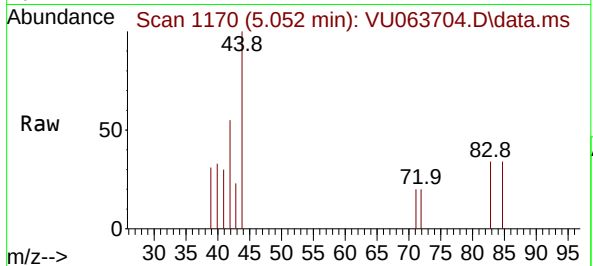
#29
Tetrahydrofuran
Concen: 0.999 ug/l m
RT: 5.052 min Scan# 1170
Delta R.T. 0.032 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 42 Resp: 1170
Ion Ratio Lower Upper
42 100
72 6.3 40.0 60.0
71 0.0 37.4 56.0

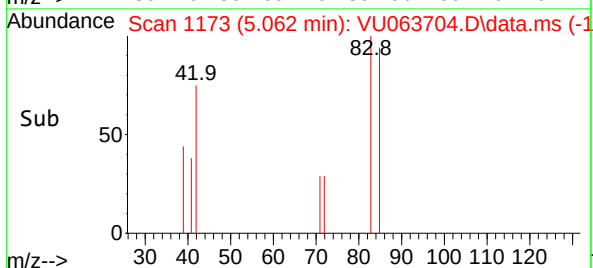
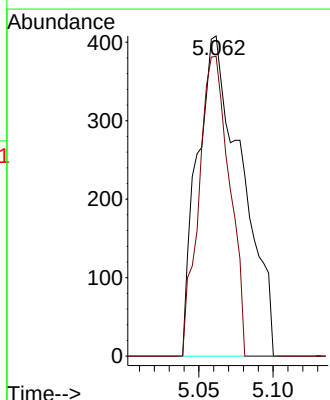
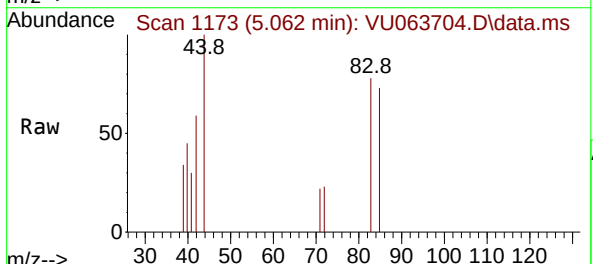
Manual Integrations
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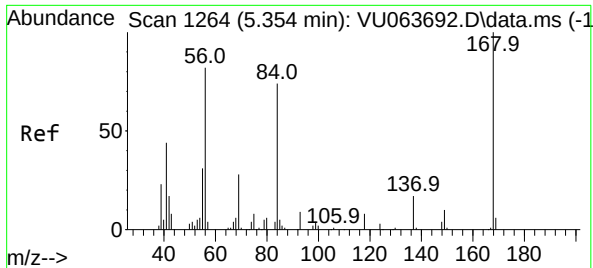
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#30
Chloroform
Concen: 0.211 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.010 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

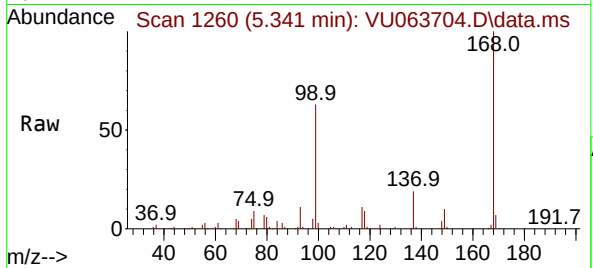
Tgt Ion: 83 Resp: 850
Ion Ratio Lower Upper
83 100
85 93.6 51.0 76.6





#31
Cyclohexane
Concen: 1.912 ug/l
RT: 5.341 min Scan# 1260
Delta R.T. -0.013 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

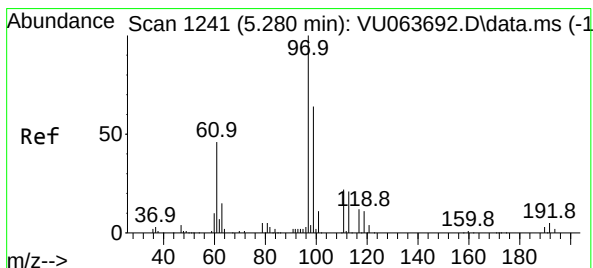
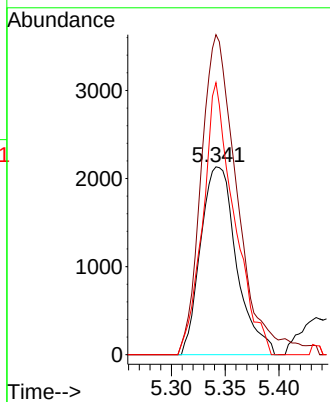
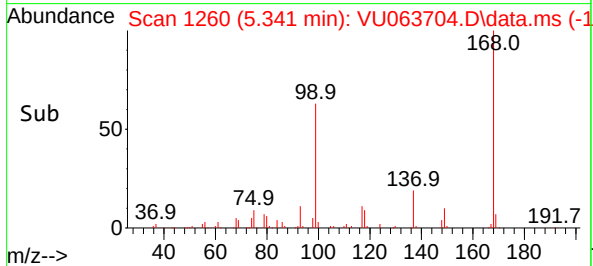
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 495
Ion Ratio Lower Upper
56 100
69 170.3 27.0 40.6
84 144.8 71.8 107.6

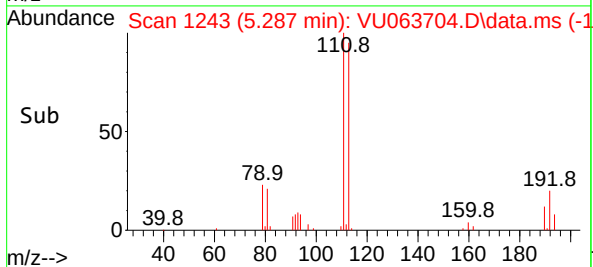
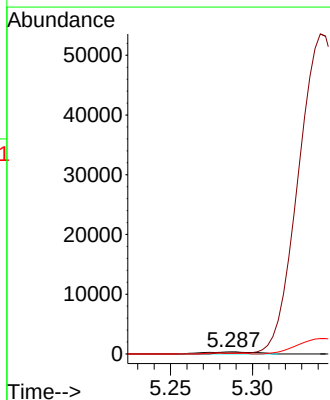
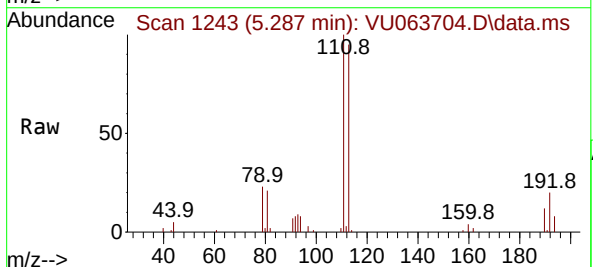
Manual Integrations
APPROVED

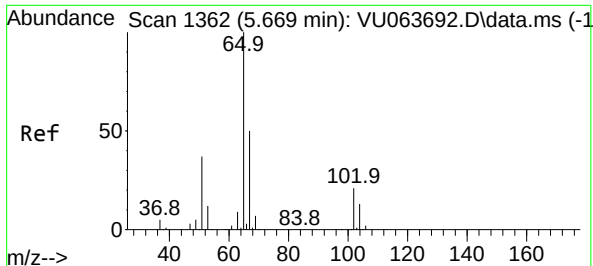
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
1,1,1-Trichloroethane
Concen: 0.222 ug/l
RT: 5.287 min Scan# 1243
Delta R.T. 0.007 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion: 97 Resp: 733
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.8#
61 29.1 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 47.459 ug/l

RT: 5.673 min Scan# 1362

Delta R.T. 0.004 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 65 Resp: 13966

Ion Ratio Lower Upper

65 100

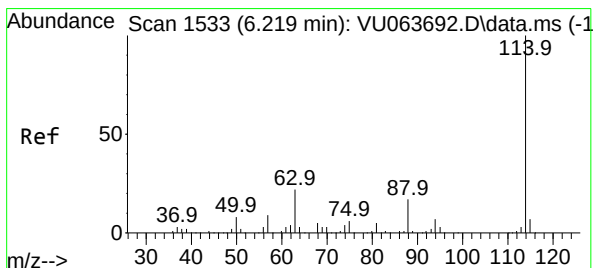
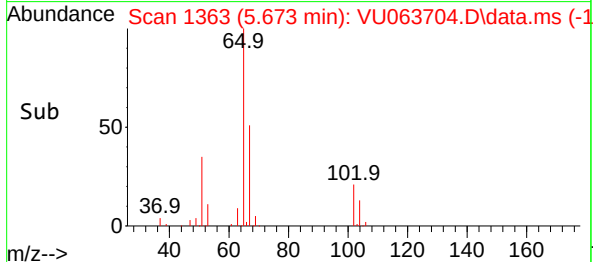
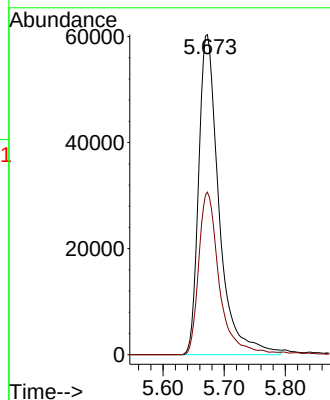
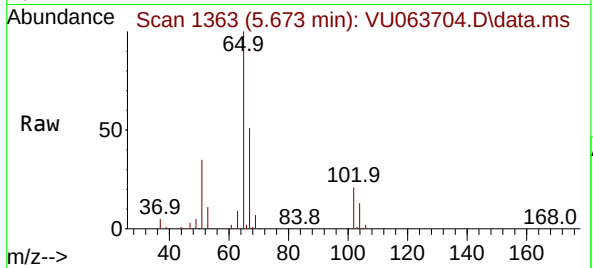
67 50.5 0.0 101.8

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: 6.219 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

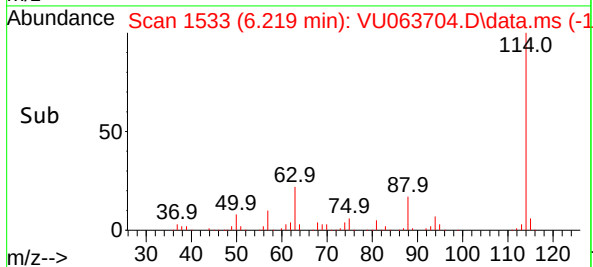
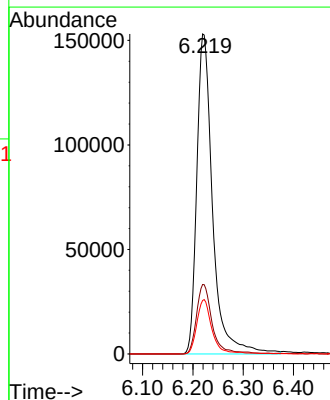
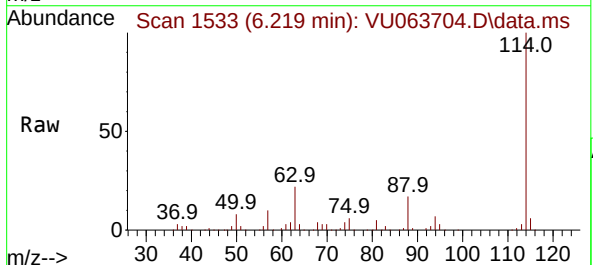
Tgt Ion:114 Resp: 334740

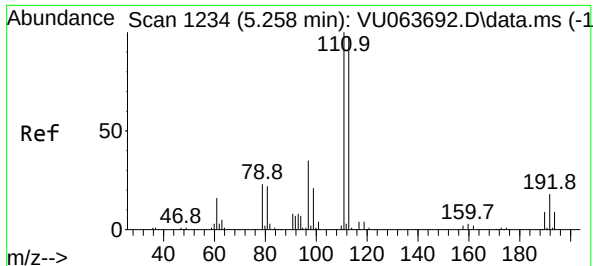
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

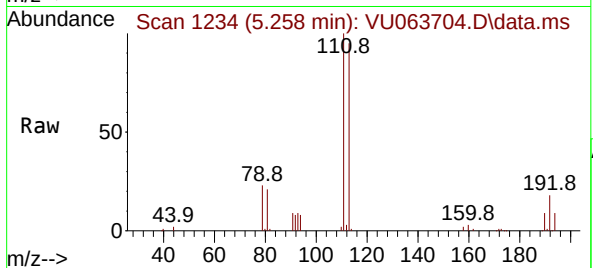
88 16.7 0.0 33.6





#35
Dibromofluoromethane
Concen: 44.978 ug/l
RT: 5.258 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

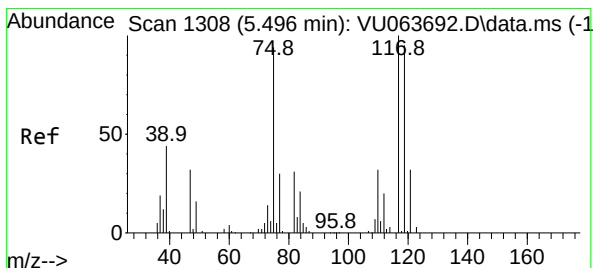
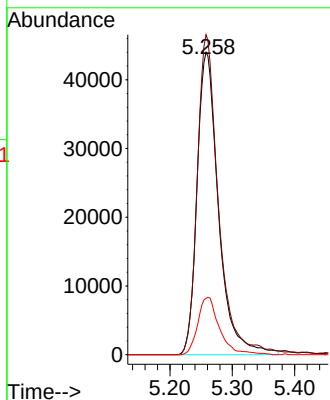
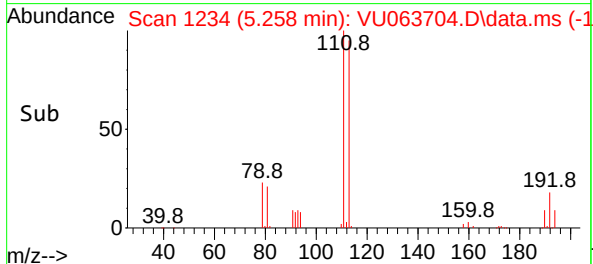
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:113 Resp: 105452
Ion Ratio Lower Upper
113 100
111 104.8 82.4 123.6
192 19.2 15.4 23.0

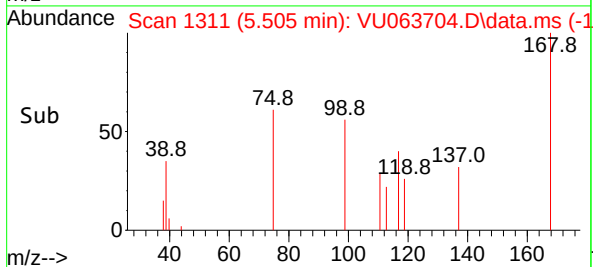
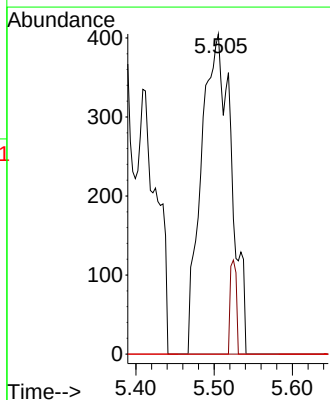
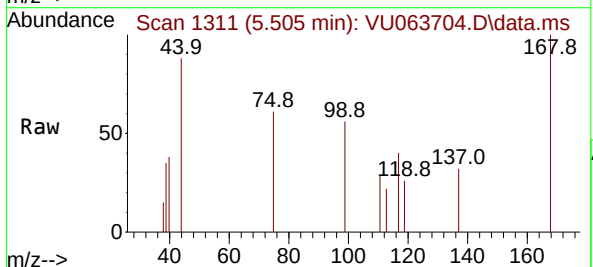
Manual Integrations
APPROVED

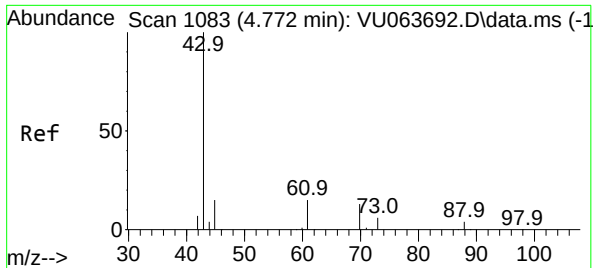
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#36
1,1-Dichloropropene
Concen: 0.449 ug/l m
RT: 5.505 min Scan# 1311
Delta R.T. 0.009 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion: 75 Resp: 1072
Ion Ratio Lower Upper
75 100
110 6.0 17.3 51.7#
77 0.0 24.4 36.6#





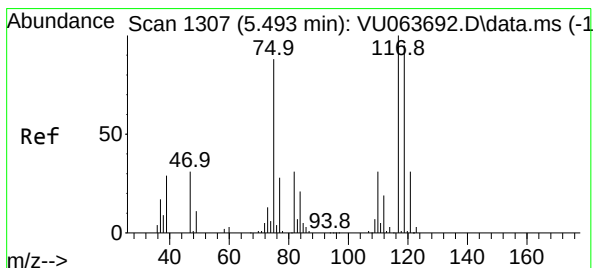
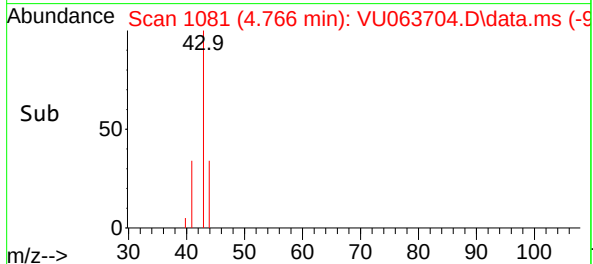
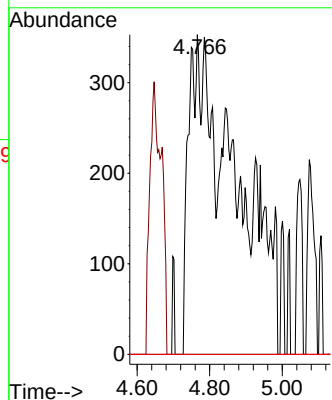
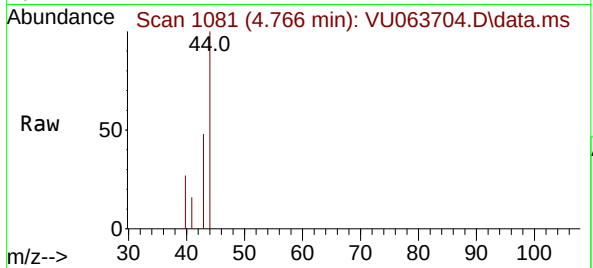
#37
Ethyl Acetate
Concen: 0.949 ug/l m
RT: 4.766 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5
70 0.0 8.9 13.3

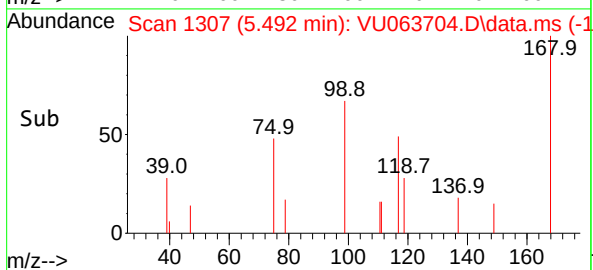
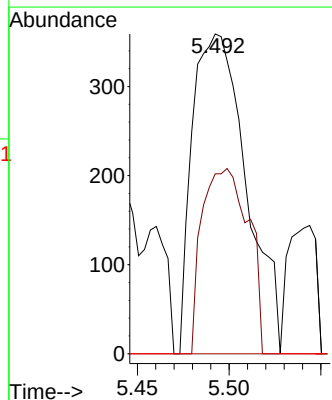
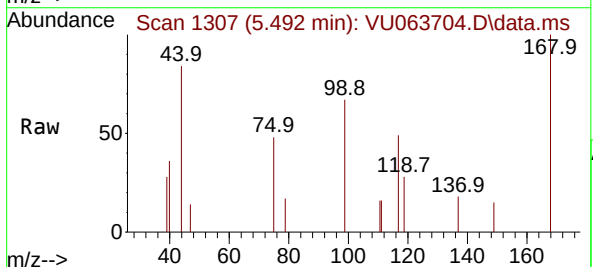
Manual Integrations
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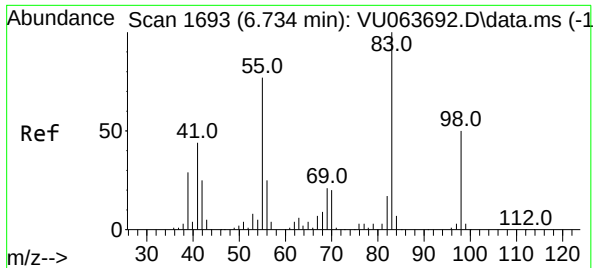
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#38
Carbon Tetrachloride
Concen: 0.284 ug/l
RT: 5.492 min Scan# 1307
Delta R.T. -0.001 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

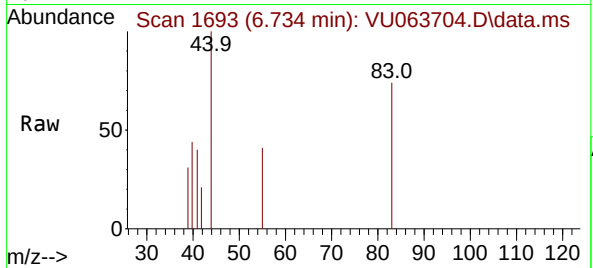
Tgt Ion:117 Resp: 733
Ion Ratio Lower Upper
117 100
119 56.3 76.1 114.1#
121 0.0 24.6 37.0#





#39
Methylcyclohexane
Concen: 0.237 ug/l
RT: 6.734 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

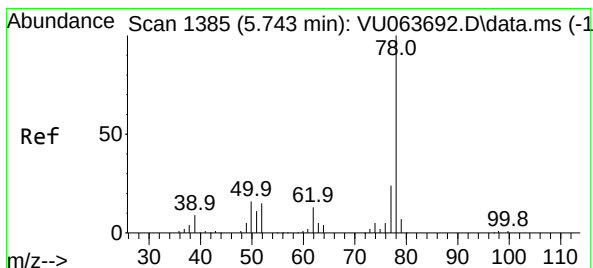
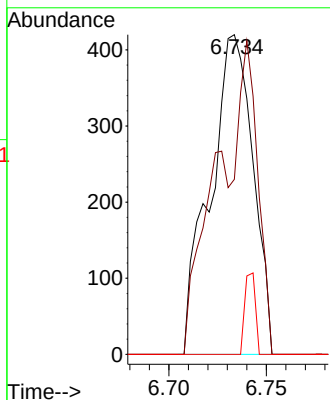
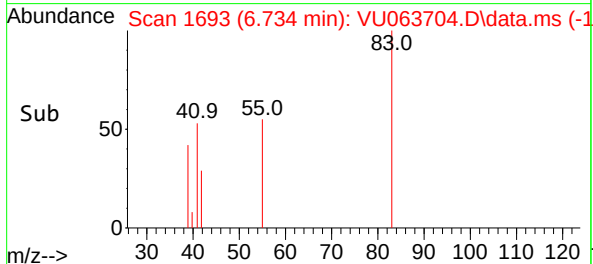
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 83 Resp: 642
Ion Ratio Lower Upper
83 100
55 54.8 61.6 92.4
98 0.0 40.0 60.0

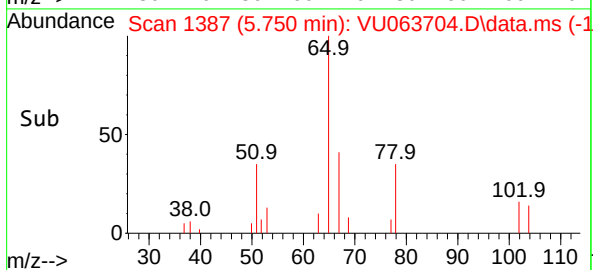
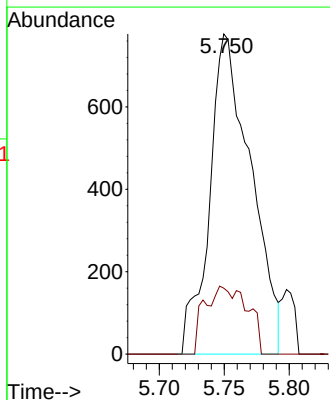
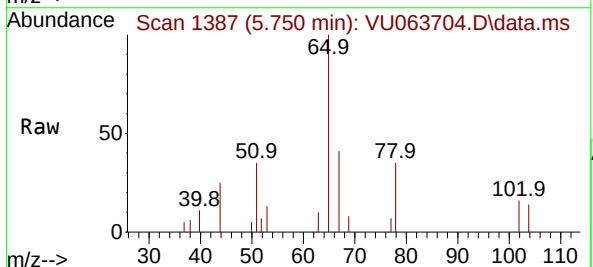
Manual Integrations
APPROVED

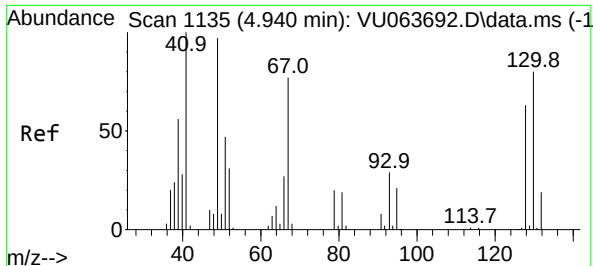
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#40
Benzene
Concen: 0.223 ug/l
RT: 5.750 min Scan# 1387
Delta R.T. 0.007 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

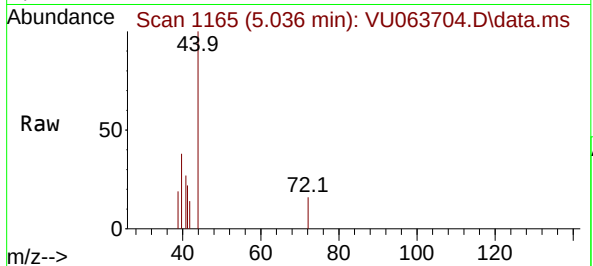
Tgt Ion: 78 Resp: 1720
Ion Ratio Lower Upper
78 100
77 20.6 18.9 28.3





#41
Methacrylonitrile
Concen: 0.660 ug/l m
RT: 5.036 min Scan# 1159
Delta R.T. 0.096 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

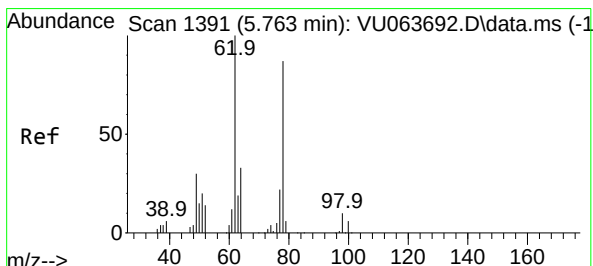
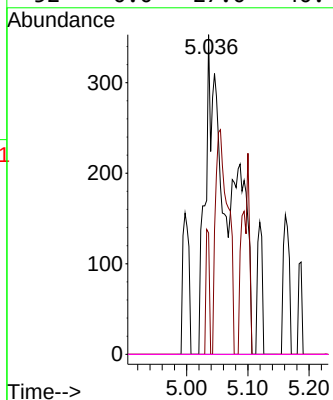
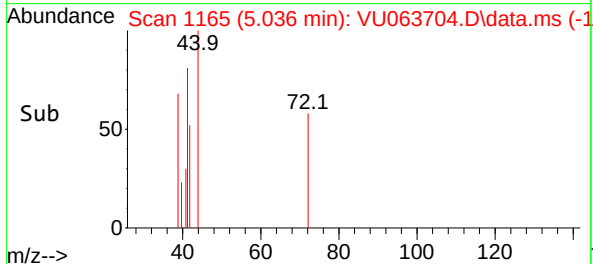
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 41 Resp: 1159
Ion Ratio Lower Upper
41 100
39 0.0 44.7 67.1
67 0.0 67.4 101.2
52 0.0 27.0 40.4

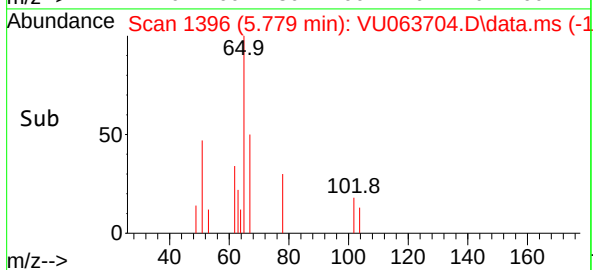
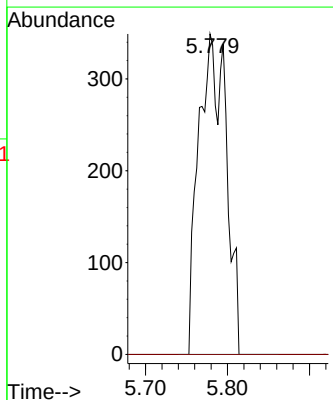
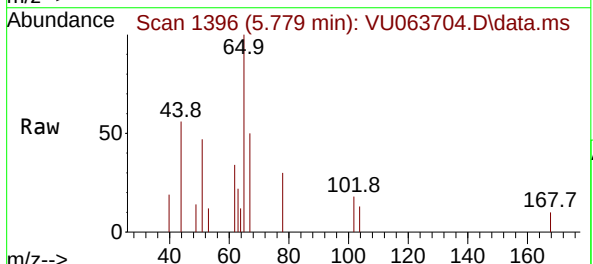
Manual Integrations
APPROVED

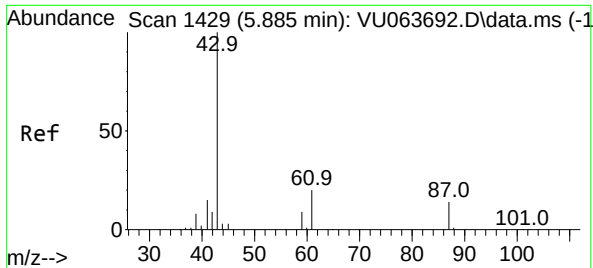
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#42
1,2-Dichloroethane
Concen: 0.268 ug/l m
RT: 5.779 min Scan# 1396
Delta R.T. 0.016 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion: 62 Resp: 813
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2





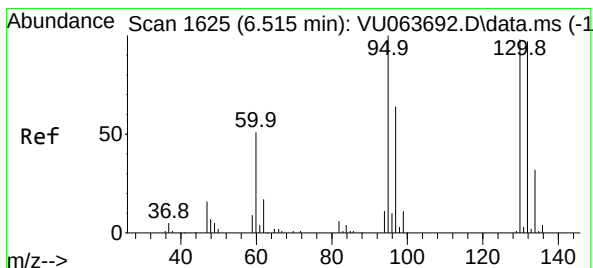
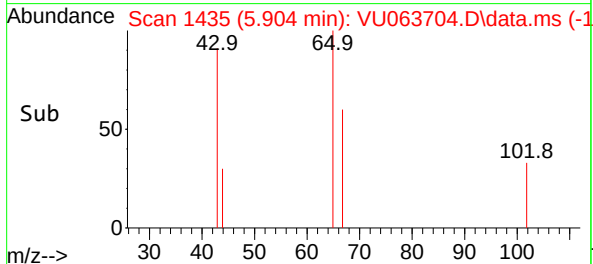
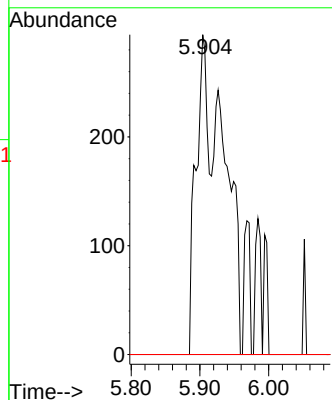
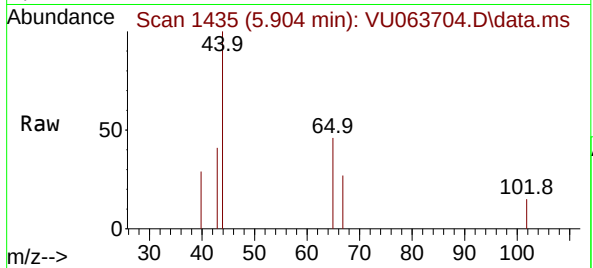
#43
Isopropyl Acetate
Concen: 0.198 ug/l m
RT: 5.904 min Scan# 1429
Delta R.T. 0.019 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
61 0.0 15.9 23.9
87 0.0 11.0 16.6

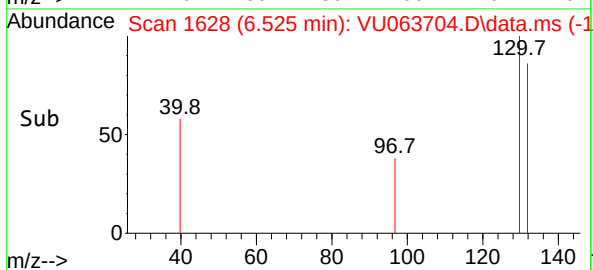
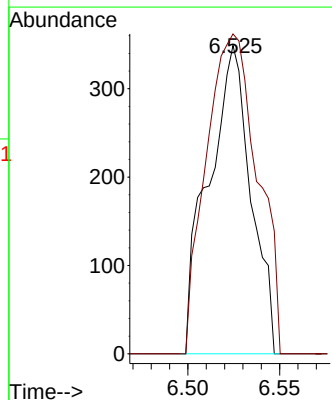
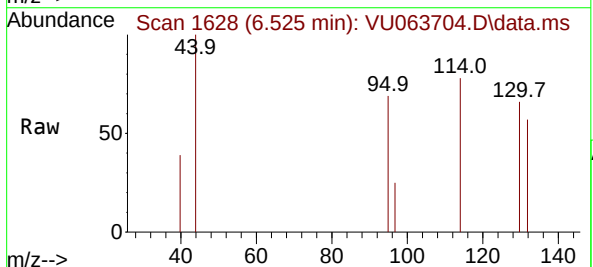
Manual Integrations
APPROVED

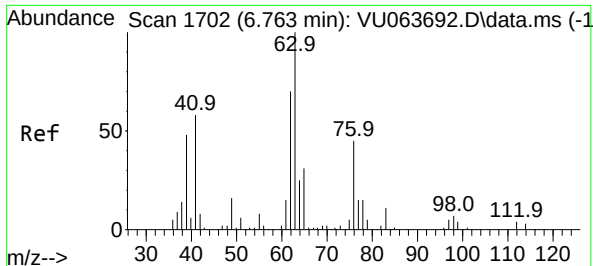
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#44
Trichloroethene
Concen: 0.260 ug/l
RT: 6.525 min Scan# 1628
Delta R.T. 0.010 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion:130 Resp: 562
Ion Ratio Lower Upper
130 100
95 103.7 0.0 203.6





#45

1,2-Dichloropropane

Concen: 0.199 ug/l

RT: 6.769 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

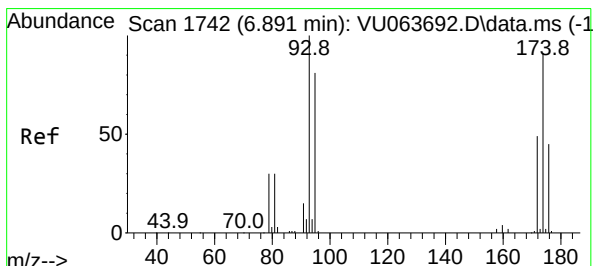
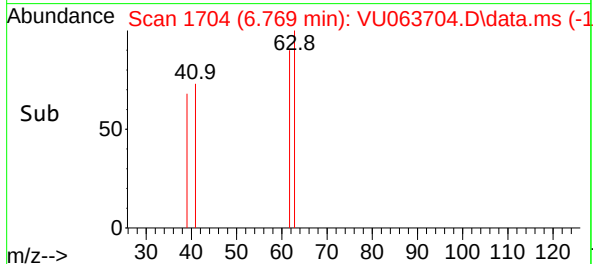
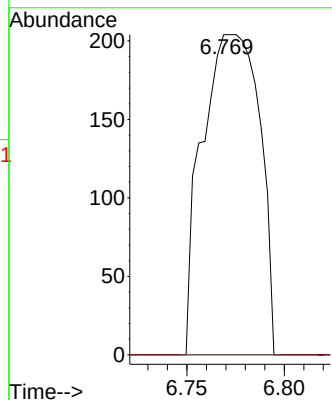
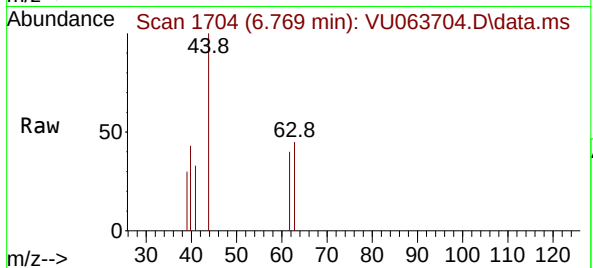
Tgt Ion: 63 Resp: 417
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#46

Dibromomethane

Concen: 0.195 ug/l

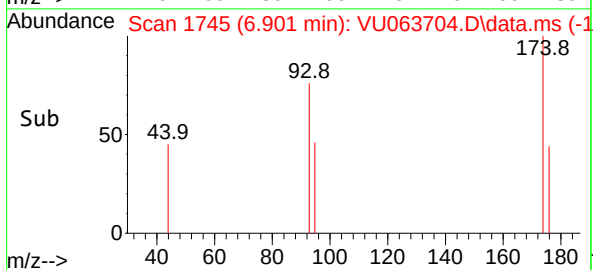
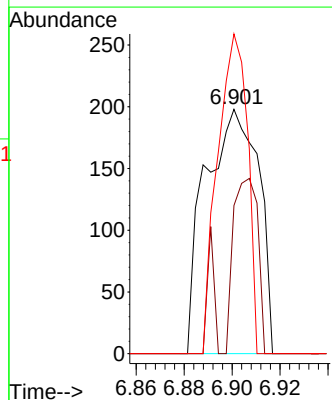
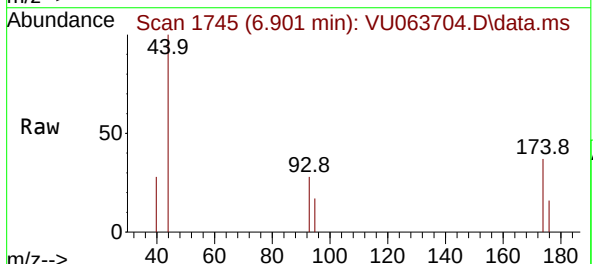
RT: 6.901 min Scan# 1745

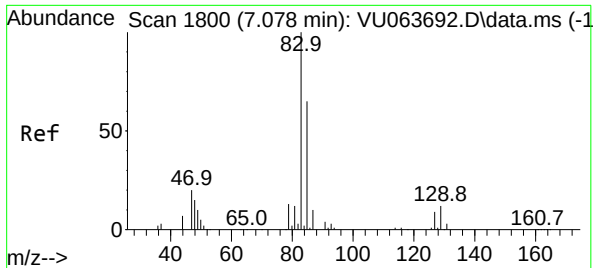
Delta R.T. 0.010 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

Tgt Ion: 93 Resp: 306
 Ion Ratio Lower Upper
 93 100
 95 33.0 65.9 98.9#
 174 73.2 74.9 112.3#





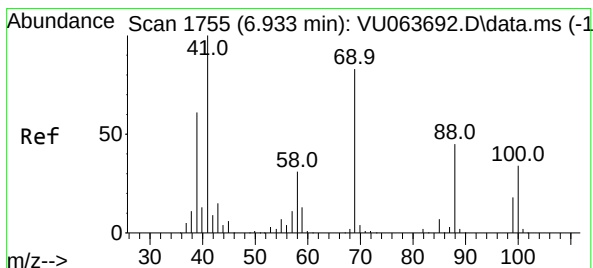
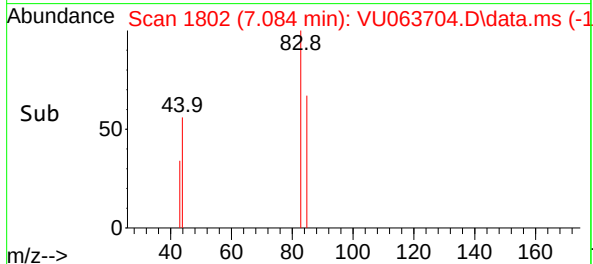
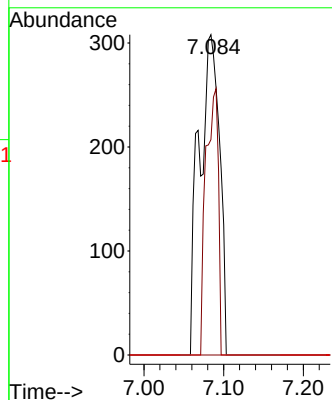
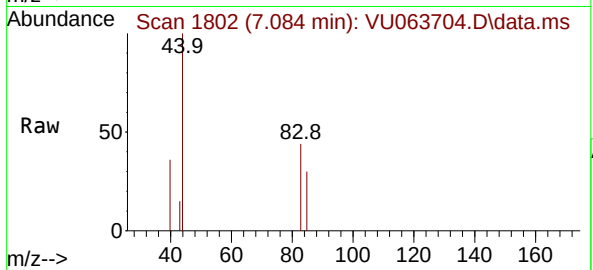
#47
Bromodichloromethane
Concen: 0.172 ug/l m
RT: 7.084 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 83 Resp: 547
Ion Ratio Lower Upper
83 100
85 67.2 51.9 77.9
127 0.0 6.9 10.3

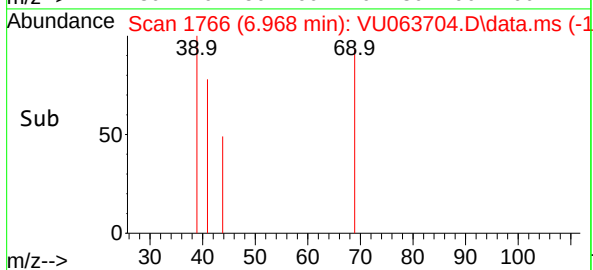
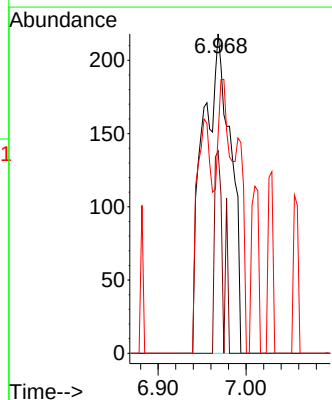
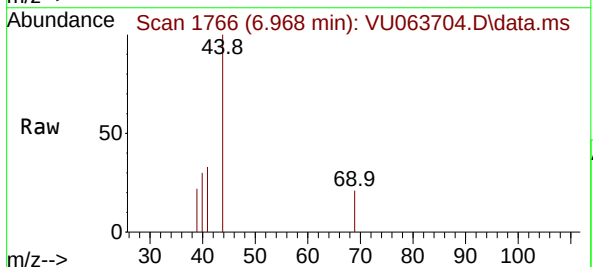
Manual Integrations
APPROVED

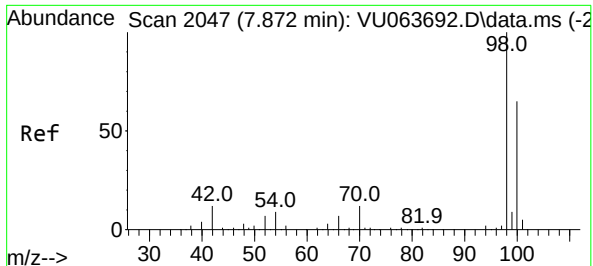
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Methyl methacrylate
Concen: 0.196 ug/l m
RT: 6.968 min Scan# 1766
Delta R.T. 0.035 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion: 41 Resp: 476
Ion Ratio Lower Upper
41 100
69 0.0 72.9 109.3#
39 38.0 51.0 76.4#





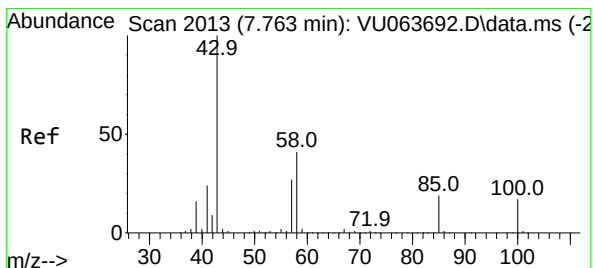
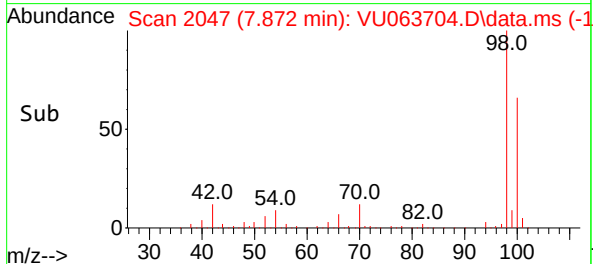
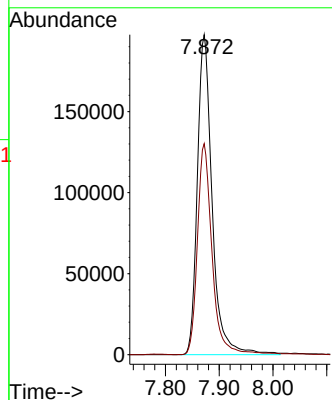
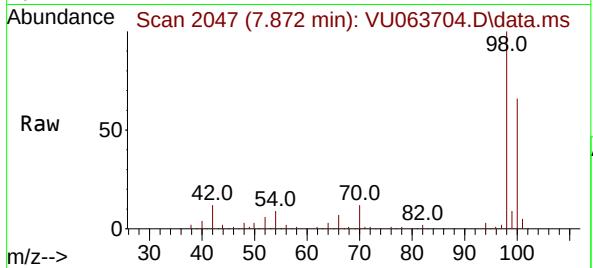
#50
Toluene-d8
Concen: 44.843 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 98 Resp: 377700
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

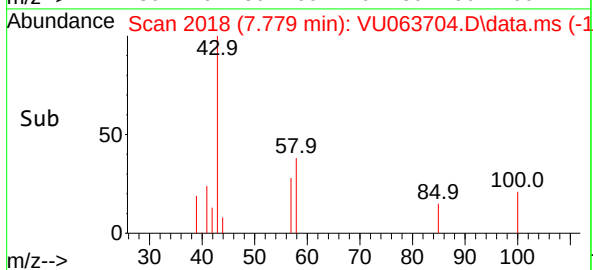
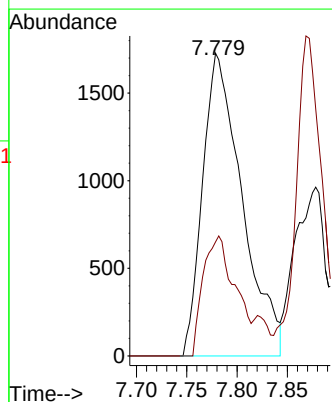
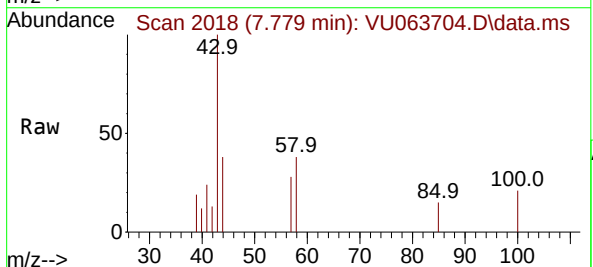
Manual Integrations
APPROVED

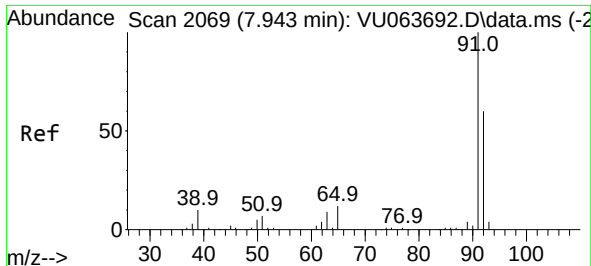
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#51
4-Methyl-2-Pentanone
Concen: 1.243 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. 0.016 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

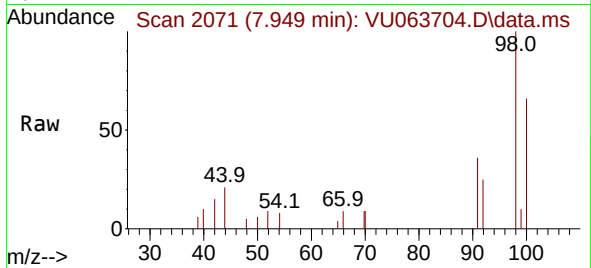
Tgt Ion: 43 Resp: 4710
Ion Ratio Lower Upper
43 100
58 32.3 32.3 48.5





#52
Toluene
Concen: 0.237 ug/l
RT: 7.949 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

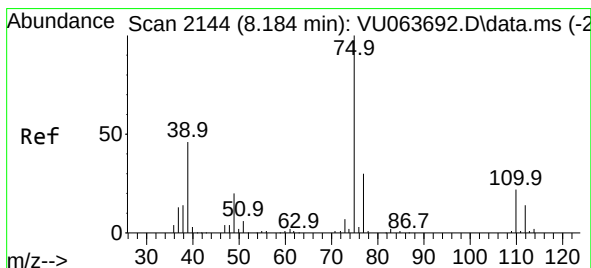
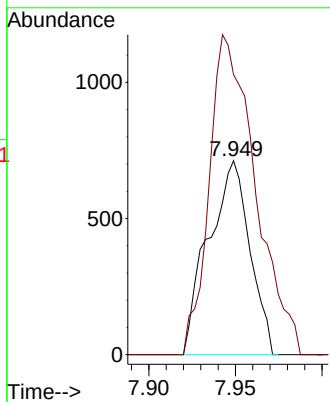
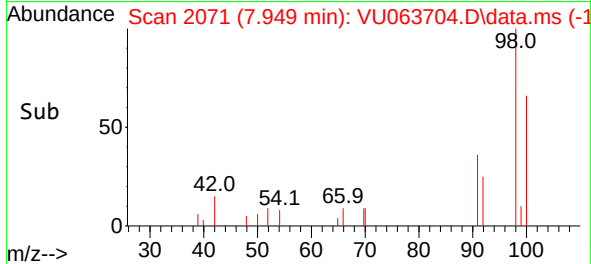
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



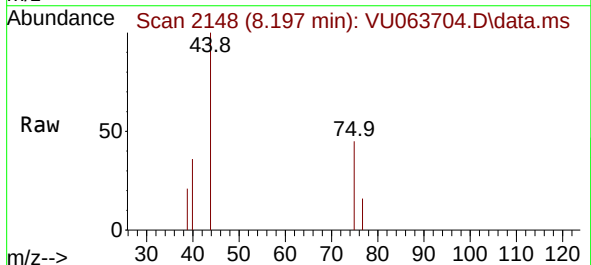
Tgt Ion: 92 Resp: 1184
Ion Ratio Lower Upper
92 100
91 183.6 136.6 204.8

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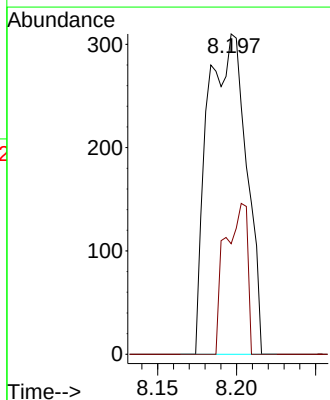
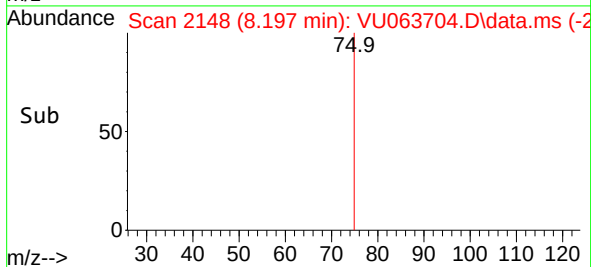
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

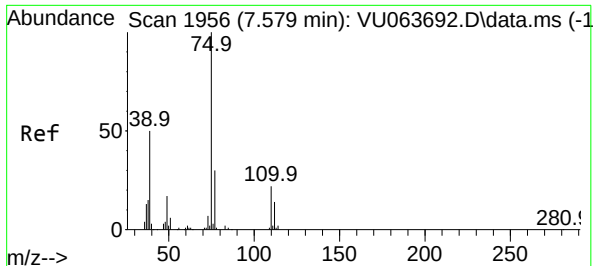


#53
t-1,3-Dichloropropene
Concen: 0.197 ug/l m
RT: 8.197 min Scan# 2148
Delta R.T. 0.013 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31



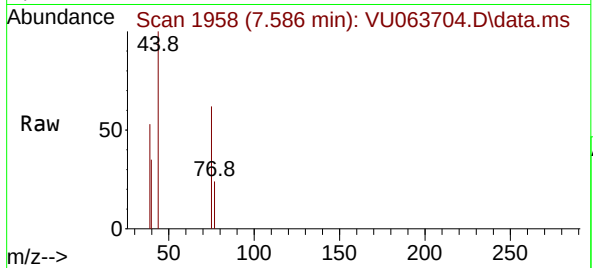
Tgt Ion: 75 Resp: 528
Ion Ratio Lower Upper
75 100
77 34.5 24.3 36.5





#54
cis-1,3-Dichloropropene
Concen: 0.180 ug/l m
RT: 7.586 min Scan# 1956
Delta R.T. 0.007 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

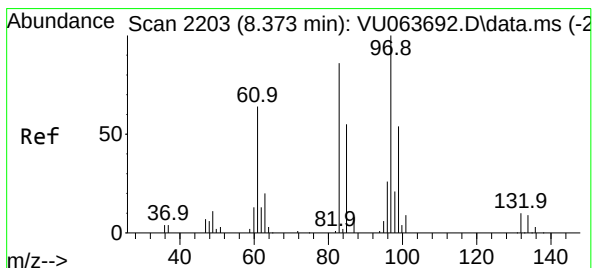
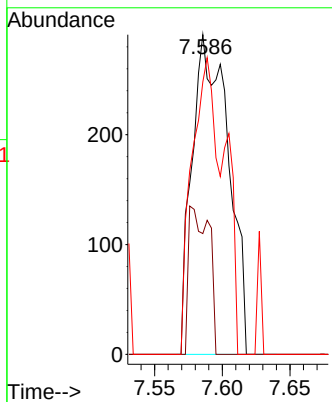
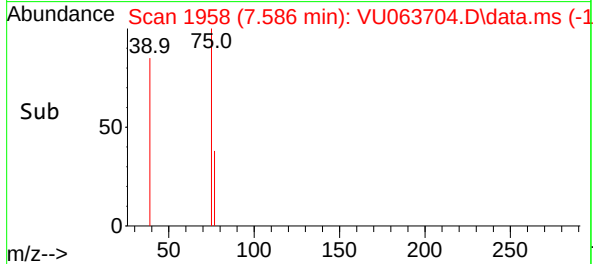
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
77 37.8 24.3 36.5
39 85.2 40.2 60.2

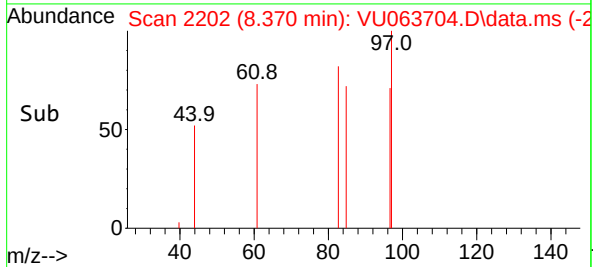
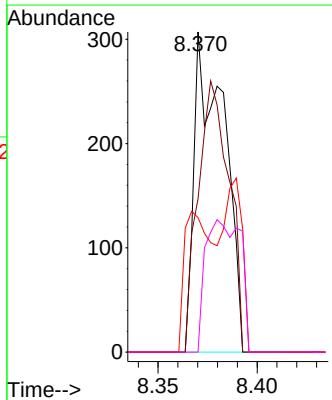
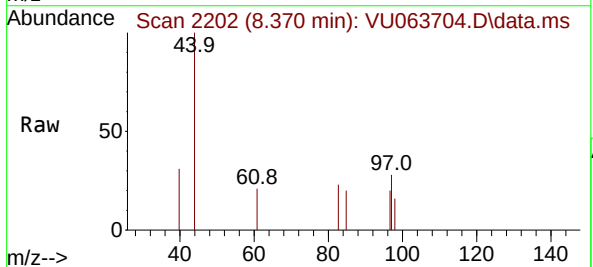
Manual Integrations
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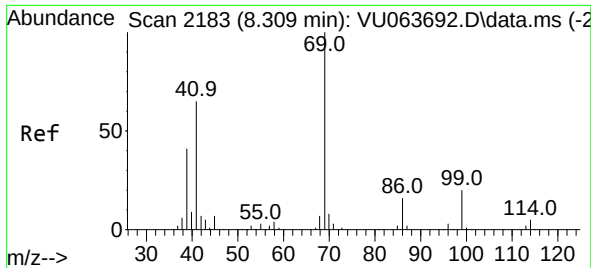
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#55
1,1,2-Trichloroethane
Concen: 0.140 ug/l m
RT: 8.370 min Scan# 2202
Delta R.T. -0.003 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

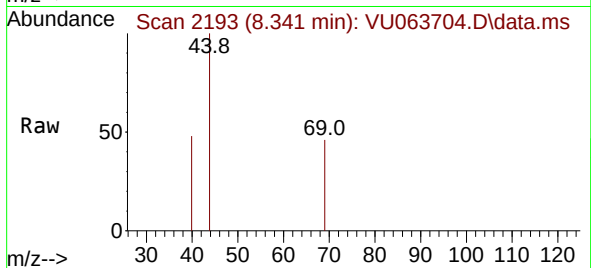
Tgt Ion: 97 Resp: 320
Ion Ratio Lower Upper
97 100
83 81.7 69.0 103.4
85 71.7 44.2 66.4#
99 0.0 49.6 74.4#





#56
Ethyl methacrylate
Concen: 0.155 ug/l m
RT: 8.341 min Scan# 2183
Delta R.T. 0.032 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

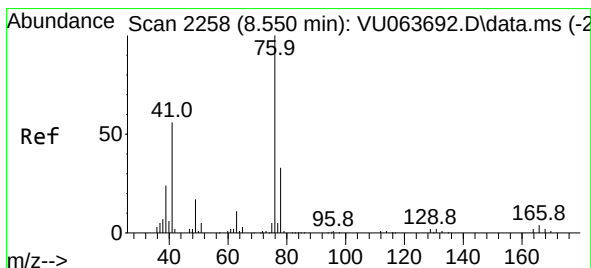
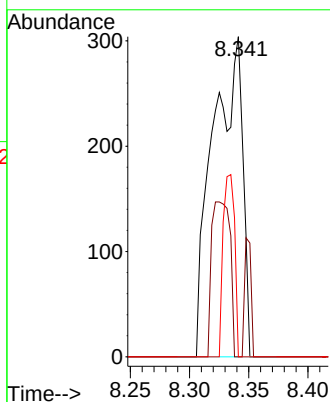
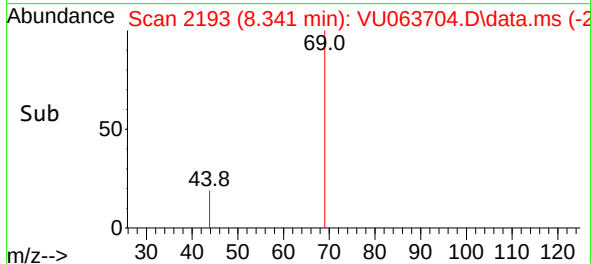
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 69 Resp: 529
Ion Ratio Lower Upper
69 100
41 30.1 51.4 77.2
39 0.0 32.2 48.4

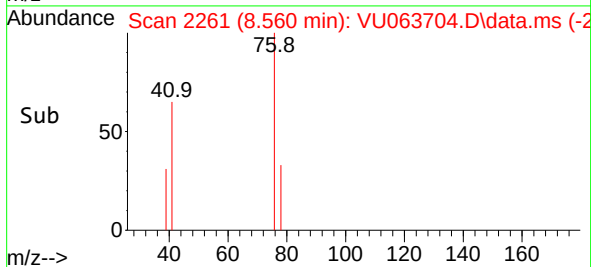
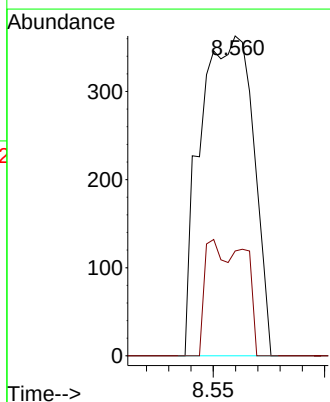
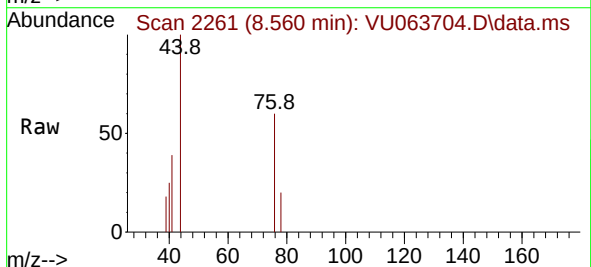
Manual Integrations
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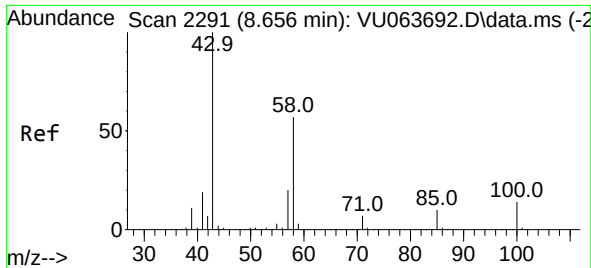
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#57
1,3-Dichloropropane
Concen: 0.161 ug/l
RT: 8.560 min Scan# 2261
Delta R.T. 0.010 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

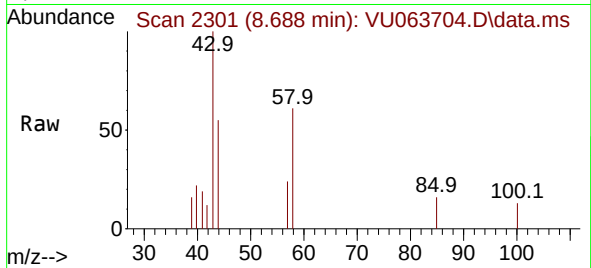
Tgt Ion: 76 Resp: 602
Ion Ratio Lower Upper
76 100
78 15.1 26.2 39.4





#59
2-Hexanone
Concen: 1.674 ug/l m
RT: 8.688 min Scan# 21
Delta R.T. 0.032 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

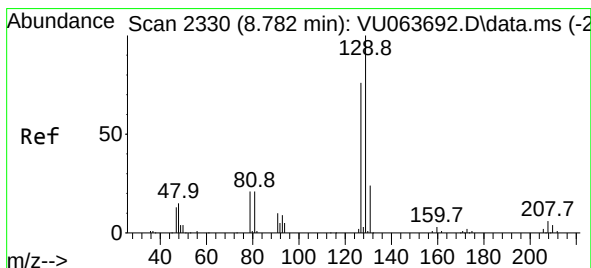
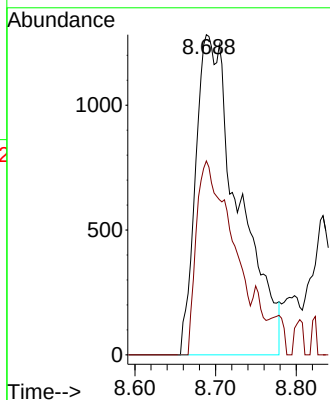
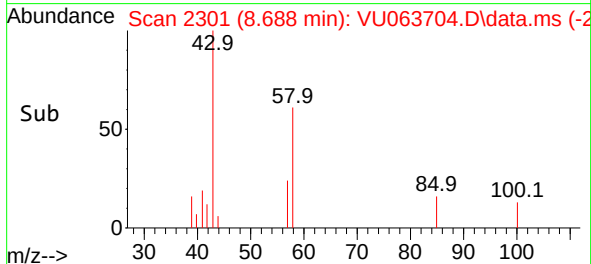
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 49.9 28.4 85.3

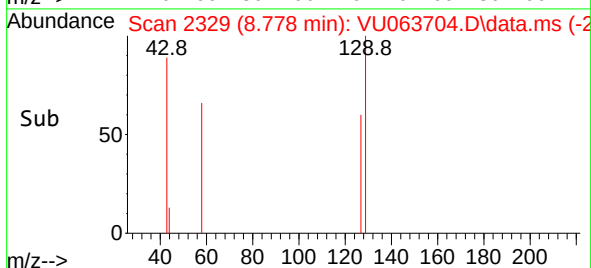
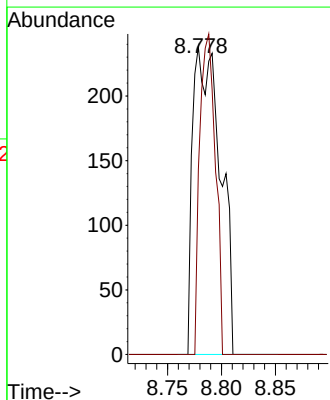
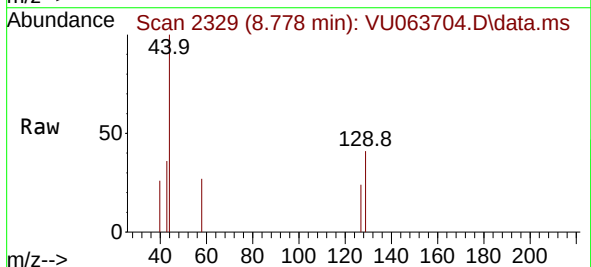
Manual Integrations
APPROVED

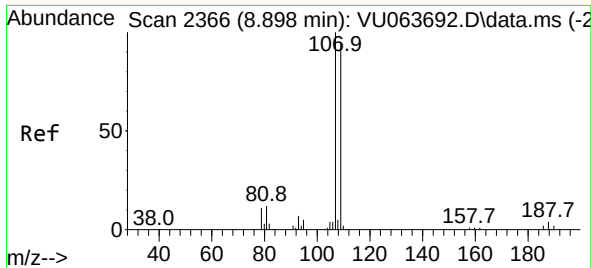
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
Dibromochloromethane
Concen: 0.176 ug/l m
RT: 8.778 min Scan# 2329
Delta R.T. -0.004 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

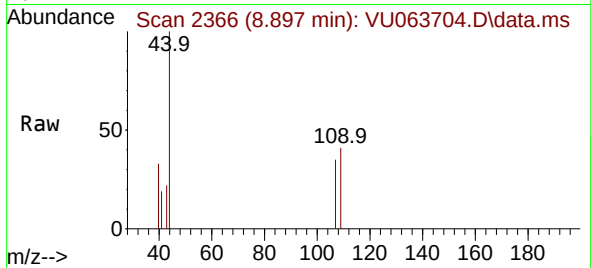
Tgt Ion:129 Resp: 422
Ion Ratio Lower Upper
129 100
127 59.2 38.2 114.6





#61
1,2-Dibromoethane
Concen: 0.191 ug/l
RT: 8.897 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

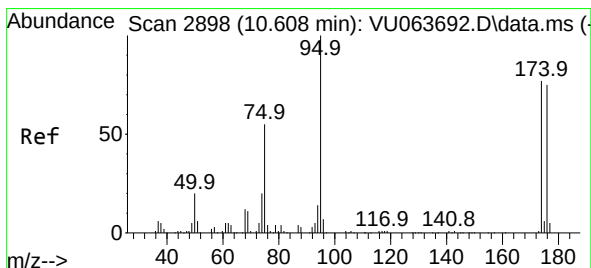
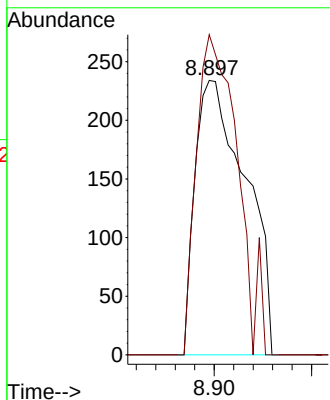
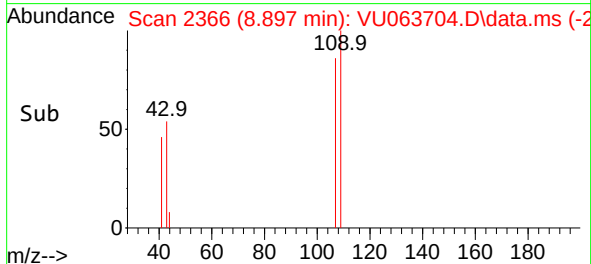
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:107 Resp: 42
Ion Ratio Lower Upper
107 100
109 94.3 73.8 110.8

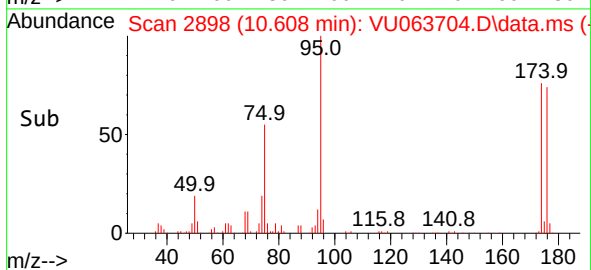
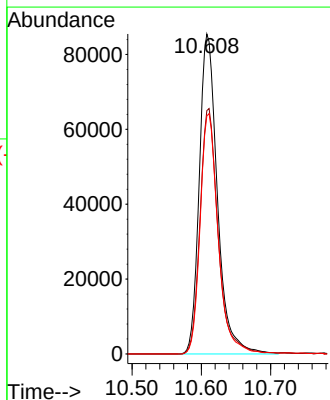
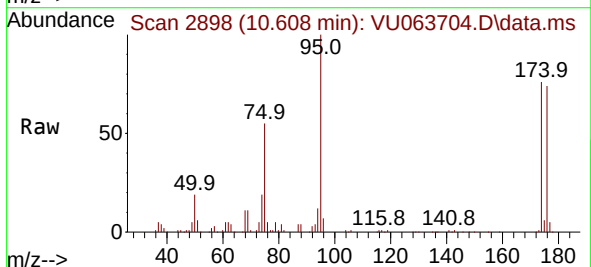
Manual Integrations
APPROVED

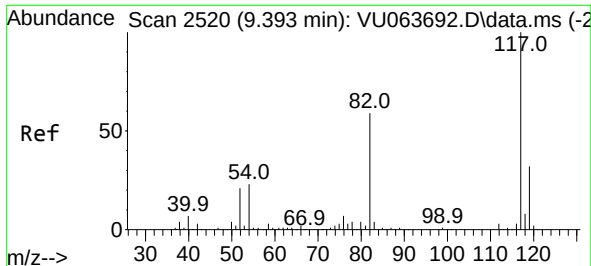
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#62
4-Bromofluorobenzene
Concen: 44.678 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

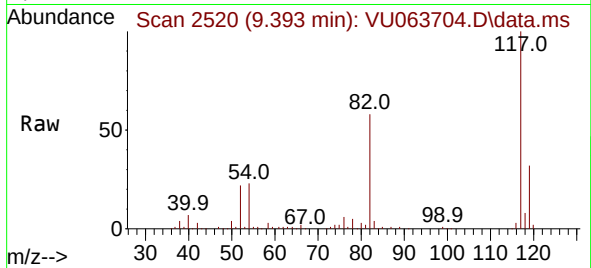
Tgt Ion: 95 Resp: 155667
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 74.7 0.0 148.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

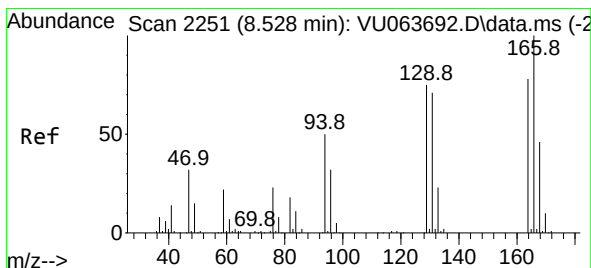
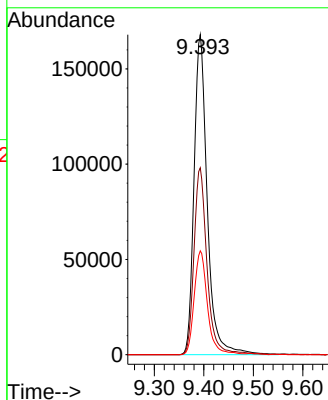
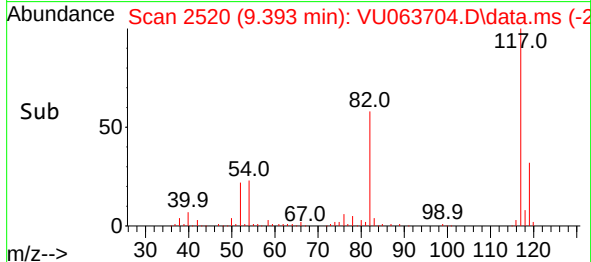
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:117 Resp: 31323
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 32.5 25.8 38.8

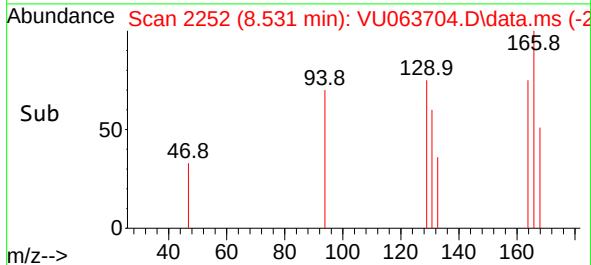
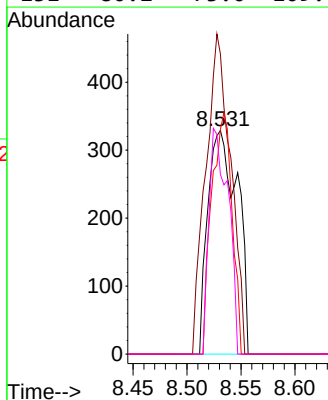
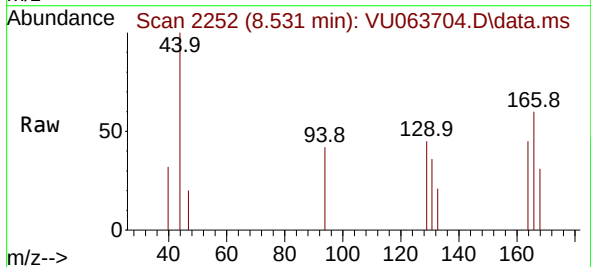
Manual Integrations
APPROVED

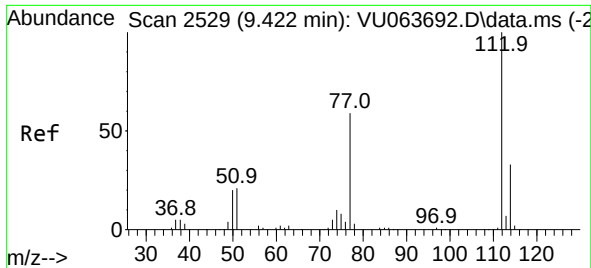
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
Tetrachloroethene
Concen: 0.308 ug/l m
RT: 8.531 min Scan# 2252
Delta R.T. 0.003 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion:164 Resp: 623
Ion Ratio Lower Upper
164 100
166 134.0 102.5 153.7
129 100.6 77.1 115.7
131 80.2 73.0 109.6





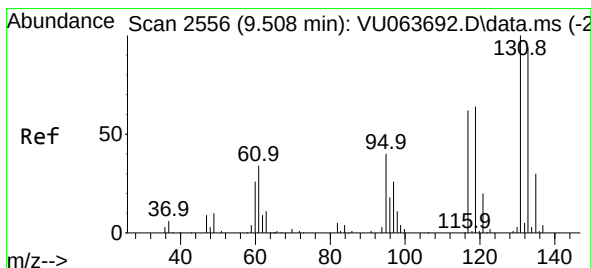
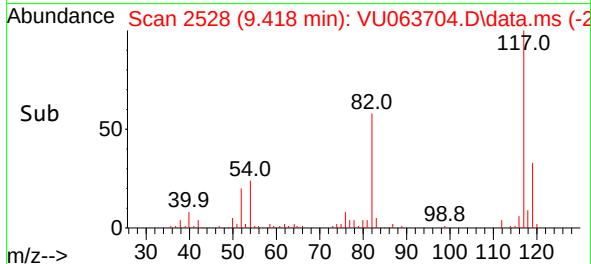
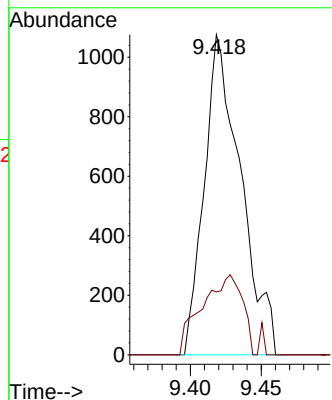
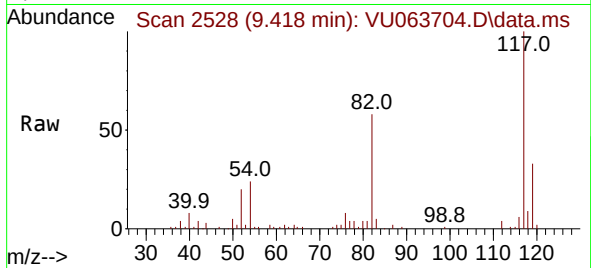
#65
Chlorobenzene
Concen: 0.313 ug/l
RT: 9.418 min Scan# 2528
Delta R.T. -0.004 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion:112 Resp: 191
Ion Ratio Lower Upper
112 100
114 19.6 26.2 39.2

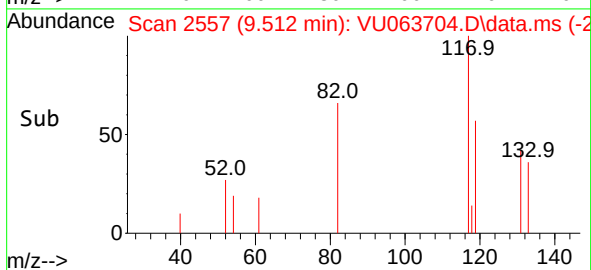
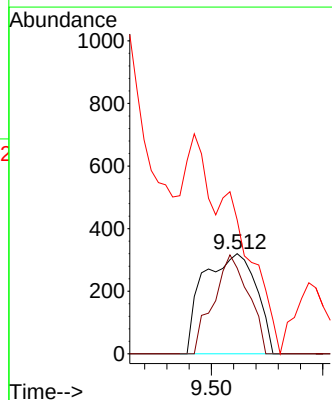
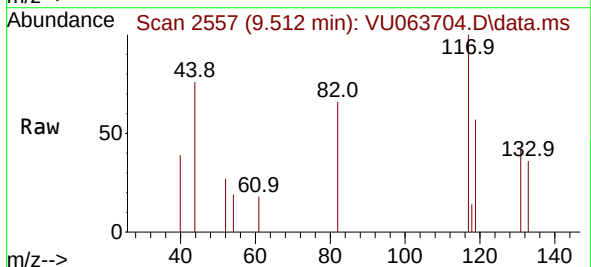
Manual Integrations
APPROVED

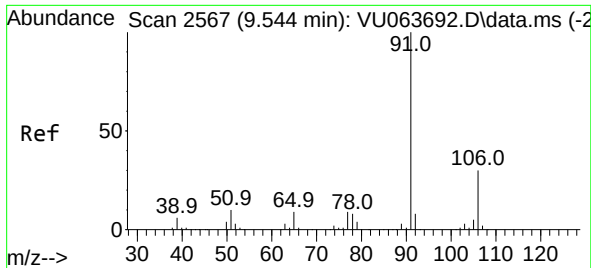
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.253 ug/l
RT: 9.512 min Scan# 2557
Delta R.T. 0.004 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion:131 Resp: 527
Ion Ratio Lower Upper
131 100
133 65.5 47.5 142.5
119 0.0 33.3 99.8





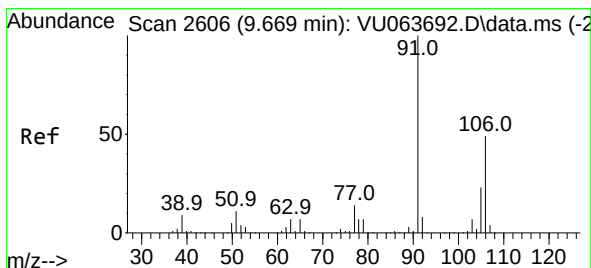
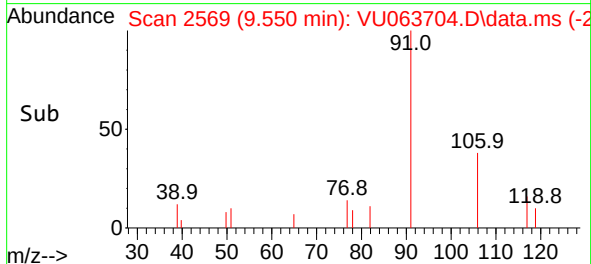
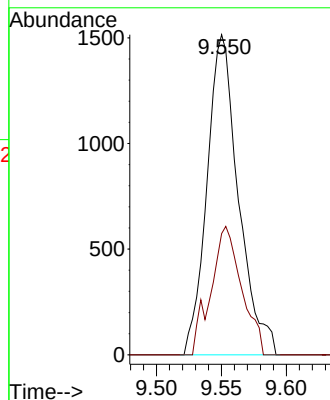
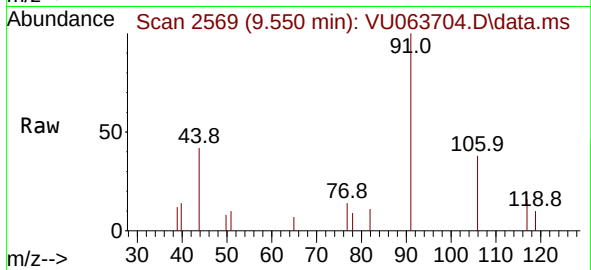
#67
Ethyl Benzene
Concen: 0.250 ug/l
RT: 9.550 min Scan# 2567
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 91 Resp: 2540
Ion Ratio Lower Upper
91 100
106 37.9 23.8 35.8

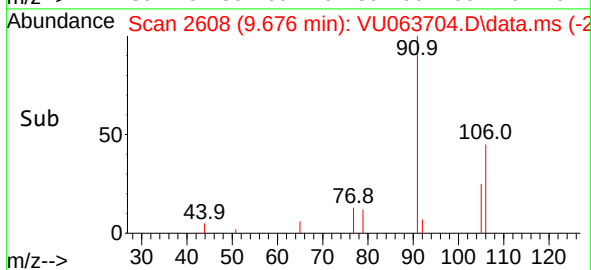
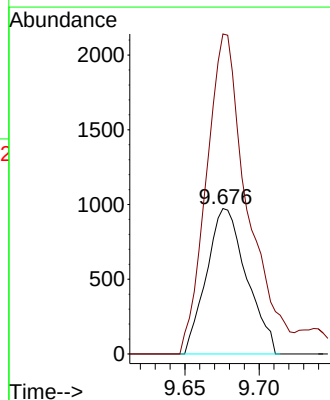
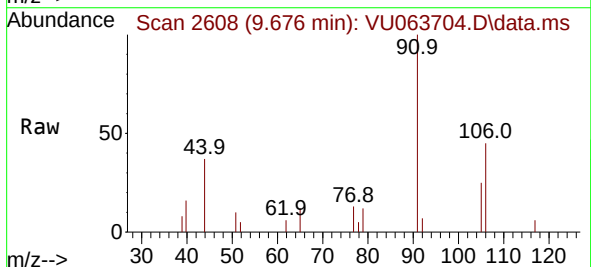
Manual Integrations
APPROVED

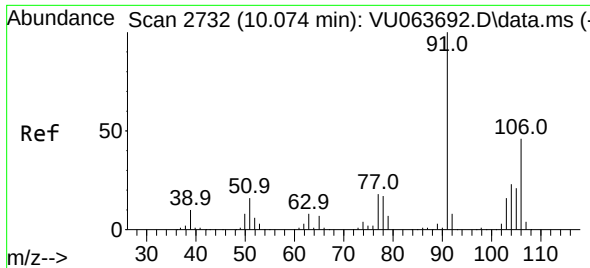
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#68
m/p-Xylenes
Concen: 0.484 ug/l
RT: 9.676 min Scan# 2608
Delta R.T. 0.007 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion:106 Resp: 1822
Ion Ratio Lower Upper
106 100
91 227.0 165.7 248.5





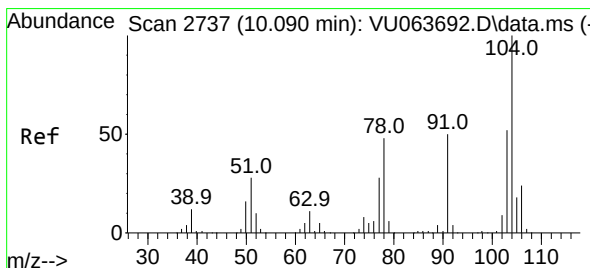
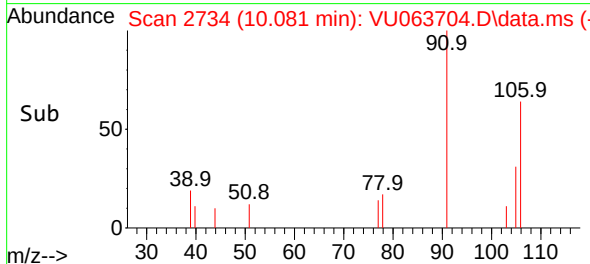
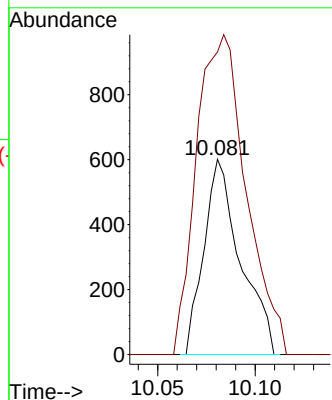
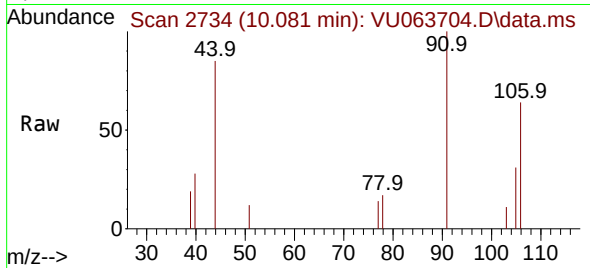
#69
o-Xylene
Concen: 0.202 ug/l
RT: 10.081 min Scan# 2732
Delta R.T. 0.007 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion:106 Resp: 784
Ion Ratio Lower Upper
106 100
91 222.7 108.7 325.9

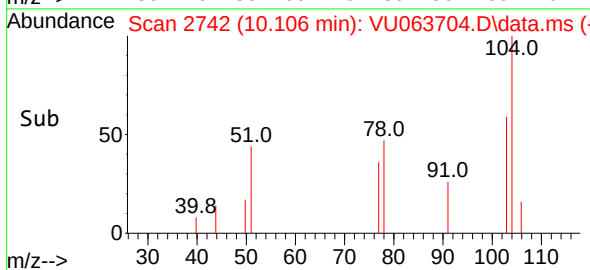
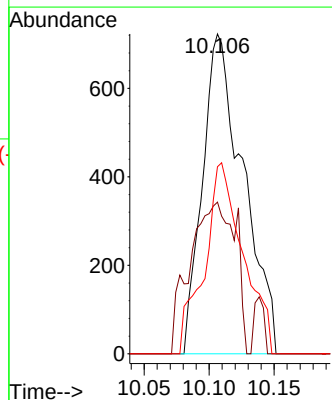
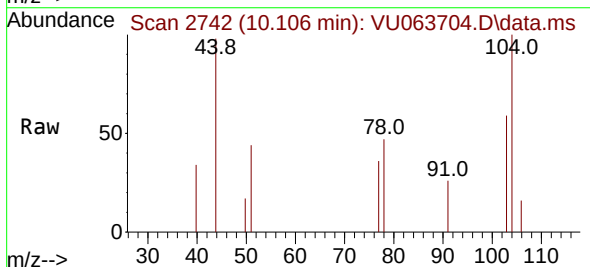
Manual Integrations
APPROVED

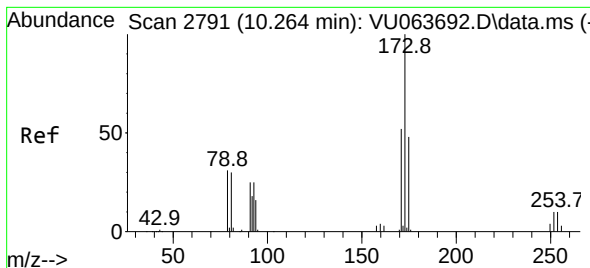
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#70
Styrene
Concen: 0.252 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.016 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion:104 Resp: 1574
Ion Ratio Lower Upper
104 100
78 53.3 42.7 64.1
103 56.8 44.0 66.0





#71

Bromoform

Concen: 0.224 ug/l

RT: 10.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

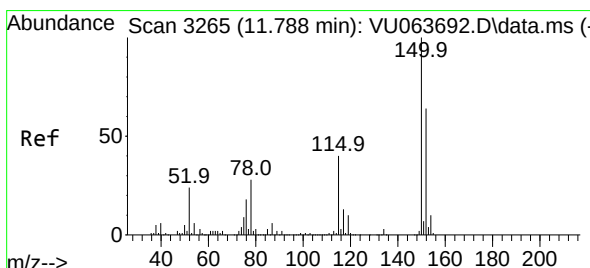
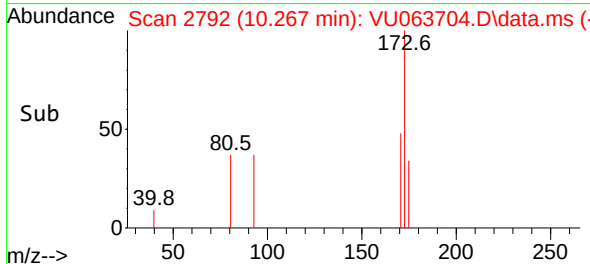
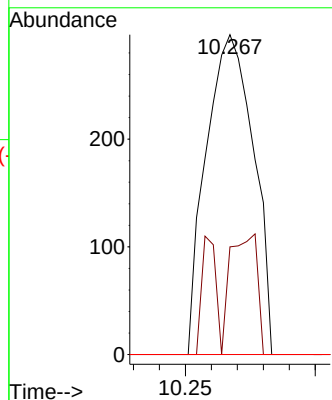
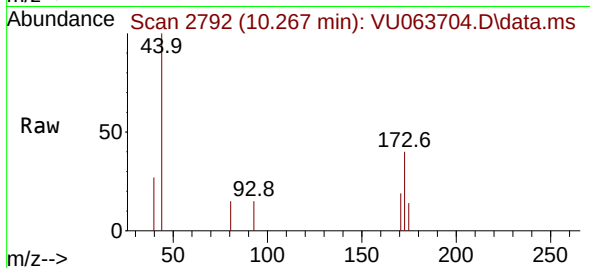
Tgt Ion:173 Resp: 370
 Ion Ratio Lower Upper
 173 100
 175 21.5 24.1 72.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

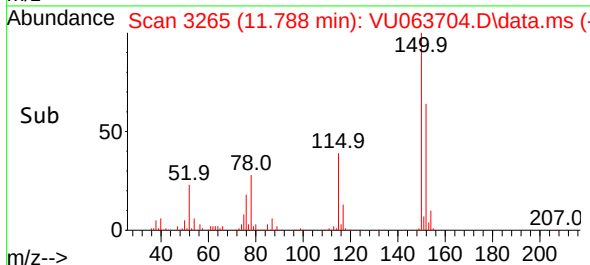
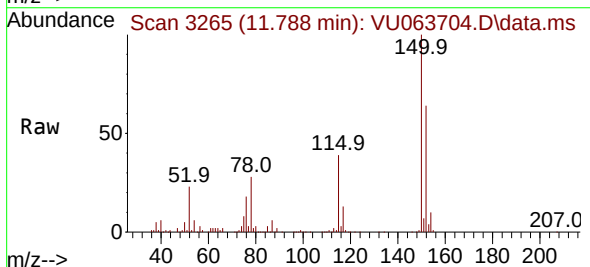
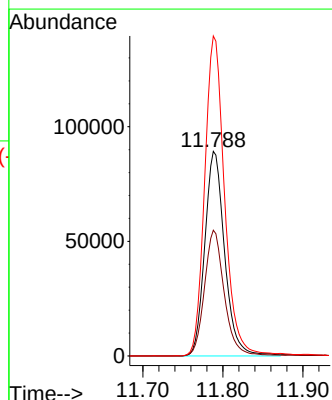
RT: 11.788 min Scan# 3265

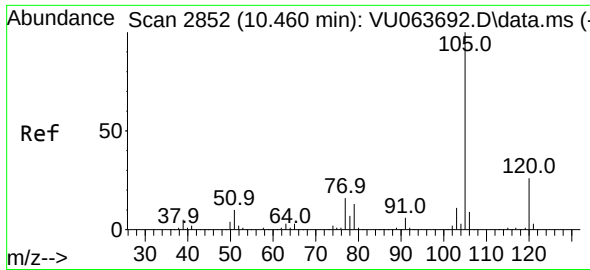
Delta R.T. 0.000 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

Tgt Ion:152 Resp: 154299
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.0 123.0
 150 156.4 0.0 342.2





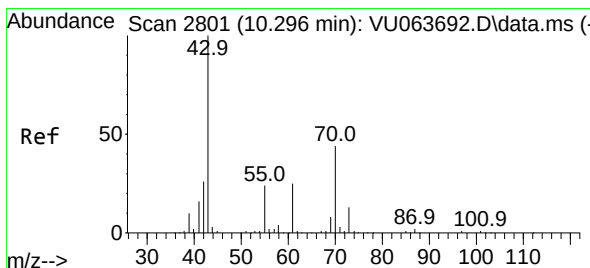
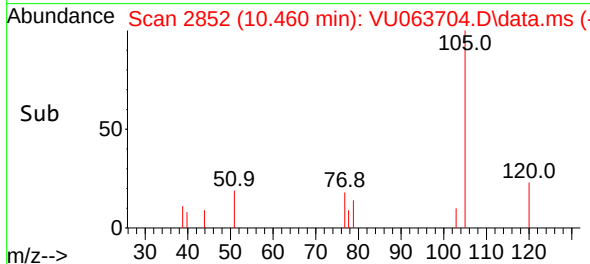
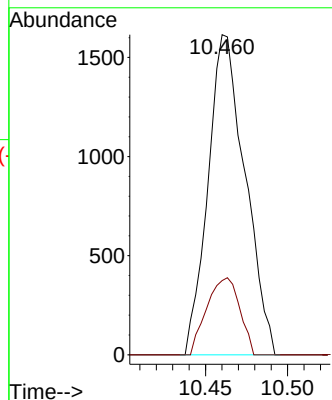
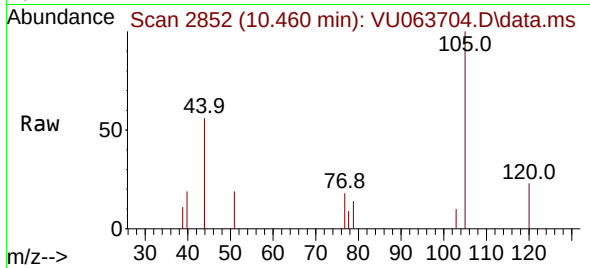
#73
Isopropylbenzene
Concen: 0.262 ug/l
RT: 10.460 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion:105 Resp: 253
Ion Ratio Lower Upper
105 100
120 21.3 13.0 38.9

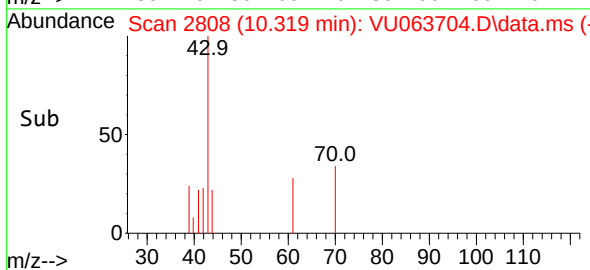
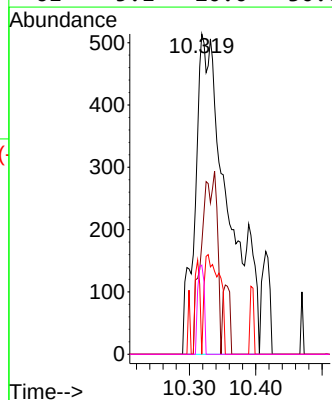
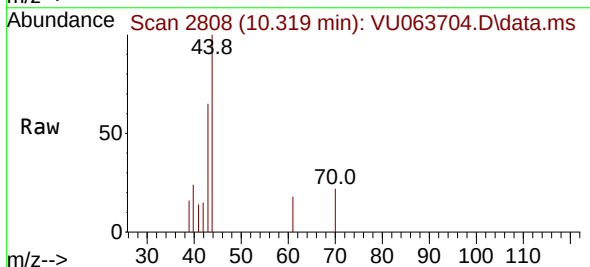
Manual Integrations
APPROVED

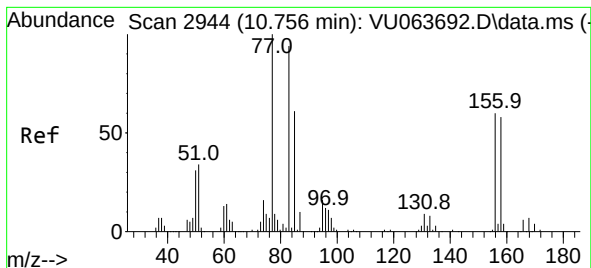
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
N-ethyl acetate
Concen: 0.563 ug/l m
RT: 10.319 min Scan# 2808
Delta R.T. 0.023 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

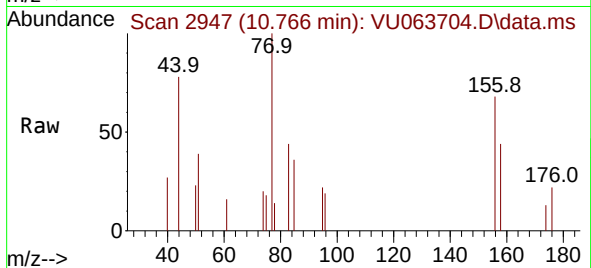
Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
70 16.0 36.5 54.7#
55 13.4 20.6 30.8#
61 5.1 20.0 30.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.160 ug/l
RT: 10.766 min Scan# 2944
Delta R.T. 0.010 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

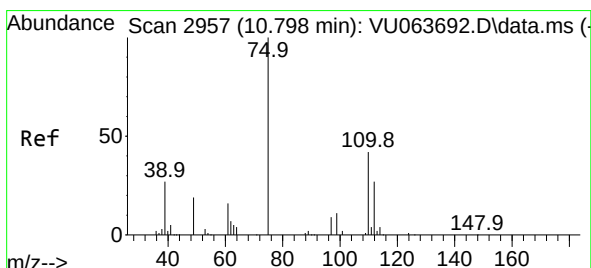
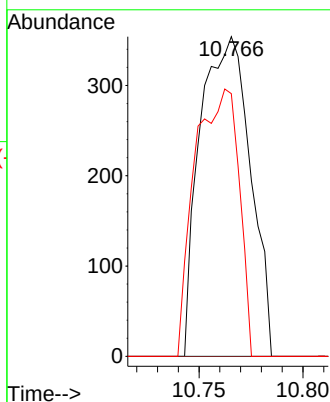
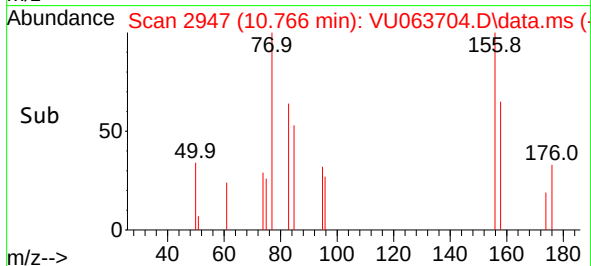
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



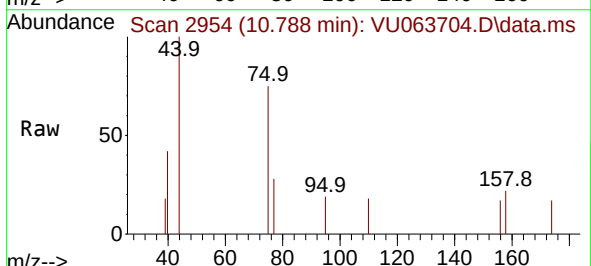
Tgt Ion: 83 Resp: 594
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 73.2 31.9 95.7

Manual Integrations
APPROVED

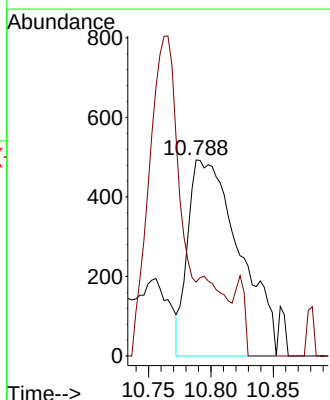
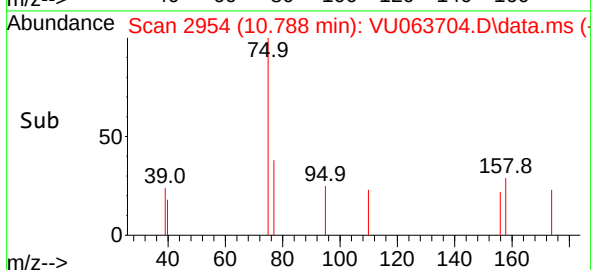
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

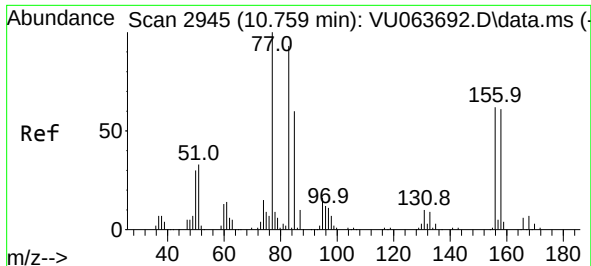


#76
1,2,3-Trichloropropane
Concen: 0.366 ug/l m
RT: 10.788 min Scan# 2954
Delta R.T. -0.010 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31



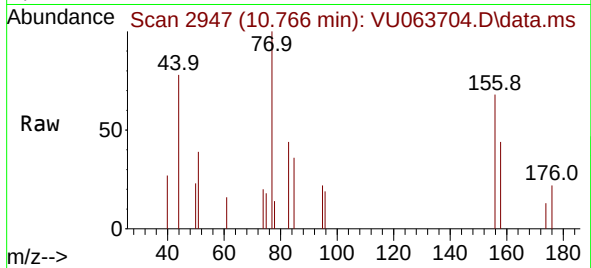
Tgt Ion: 75 Resp: 1422
Ion Ratio Lower Upper
75 100
77 61.0 0.0 0.0#





#77
Bromobenzene
Concen: 0.396 ug/l
RT: 10.766 min Scan# 2947
Delta R.T. 0.007 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

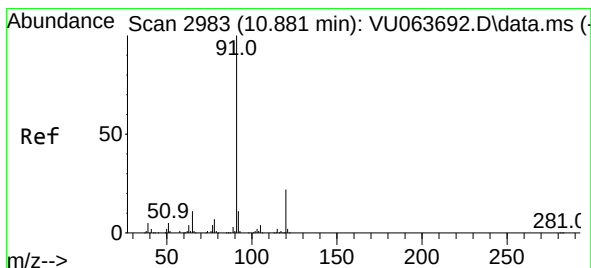
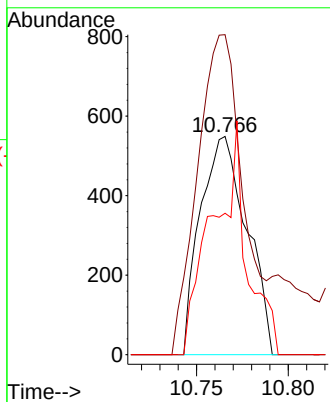
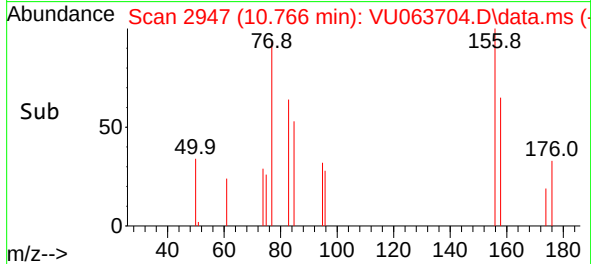
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



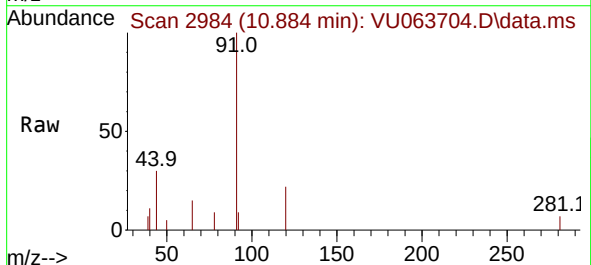
Tgt Ion:156 Resp: 96
Ion Ratio Lower Upper
156 100
77 144.2 81.4 244.2
158 78.1 48.8 146.3

Manual Integrations
APPROVED

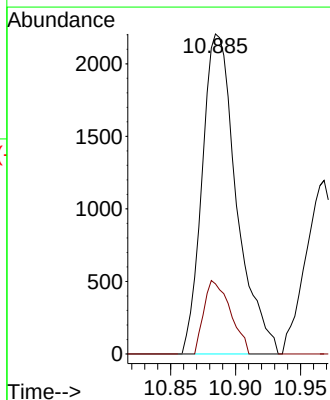
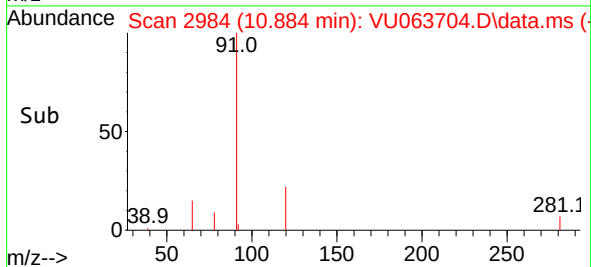
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

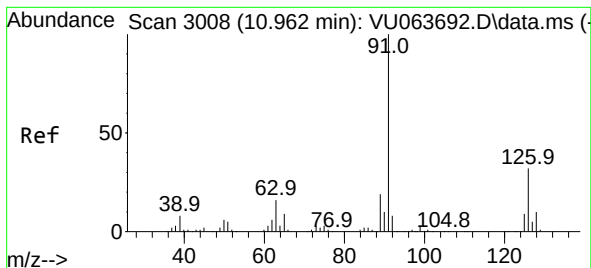


#78
n-propylbenzene
Concen: 0.365 ug/l
RT: 10.884 min Scan# 2984
Delta R.T. 0.003 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31



Tgt Ion: 91 Resp: 4060
Ion Ratio Lower Upper
91 100
120 17.7 11.2 33.6





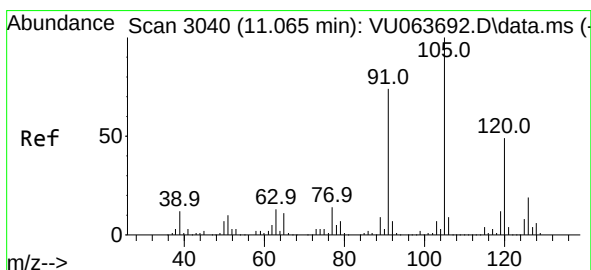
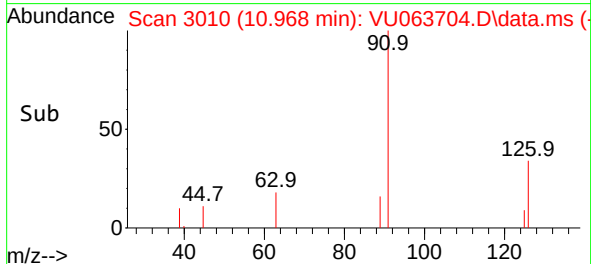
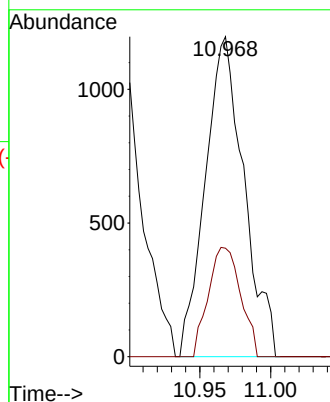
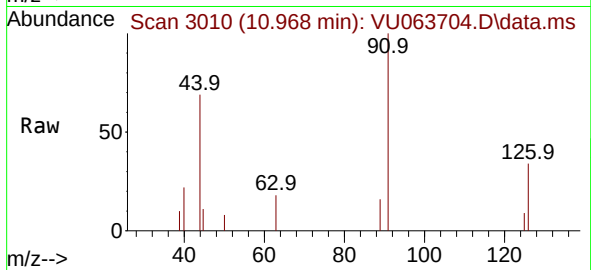
#79
2-Chlorotoluene
Concen: 0.316 ug/l
RT: 10.968 min Scan# 3008
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 91 Resp: 2269
Ion Ratio Lower Upper
91 100
126 28.6 16.4 49.1

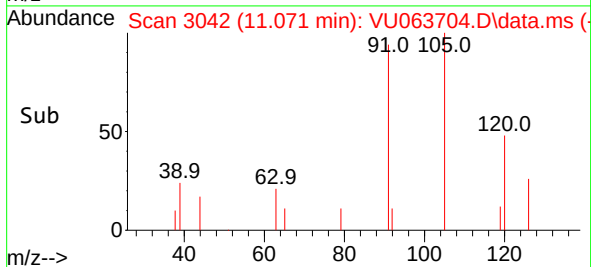
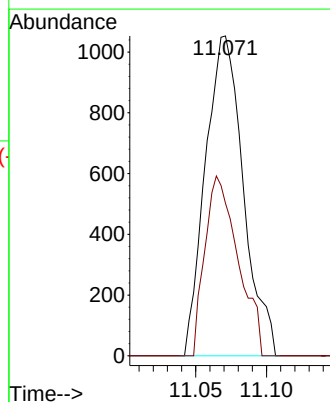
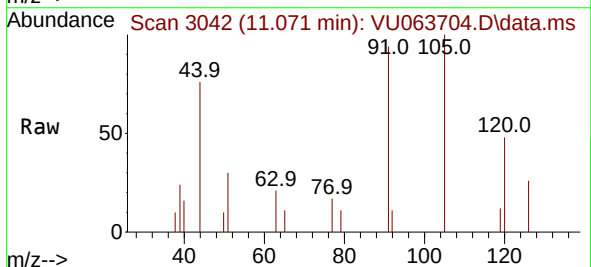
Manual Integrations
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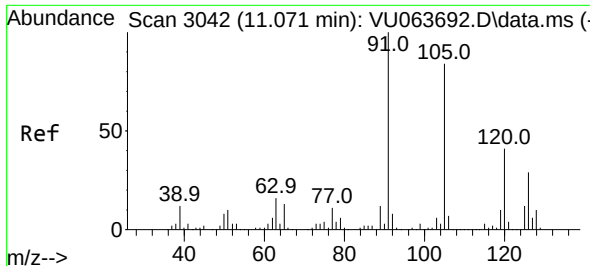
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.241 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion:105 Resp: 1963
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.2





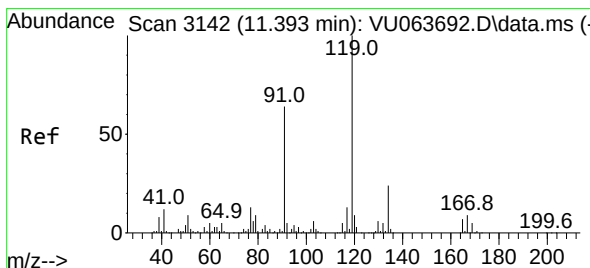
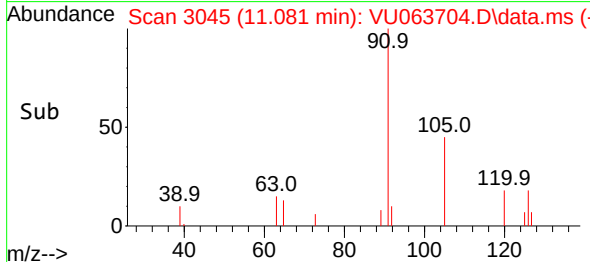
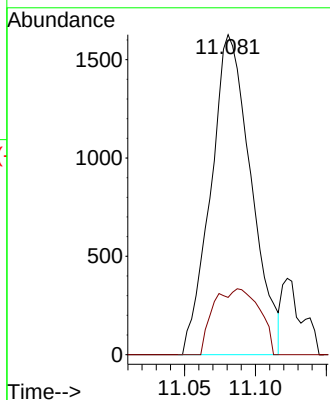
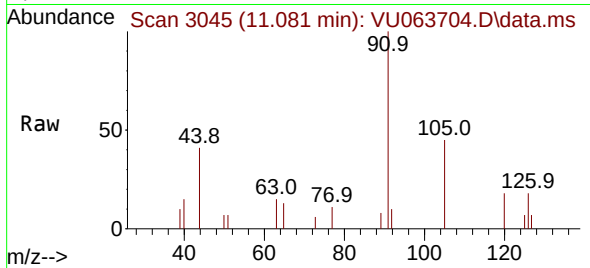
#82
4-Chlorotoluene
Concen: 0.394 ug/l
RT: 11.081 min Scan# 3042
Delta R.T. 0.010 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion: 91 Resp: 3218
Ion Ratio Lower Upper
91 100
126 23.4 14.2 42.8

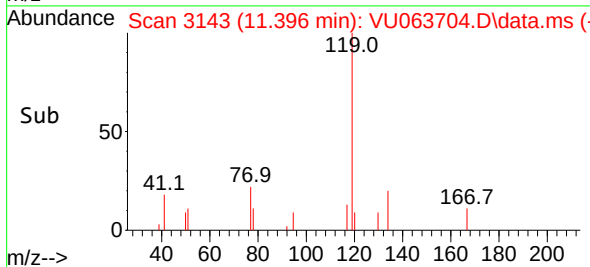
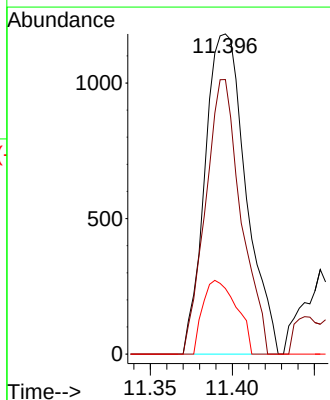
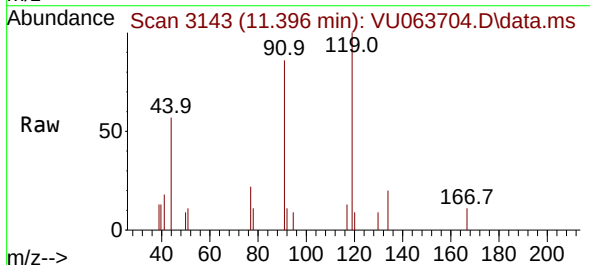
Manual Integrations
APPROVED

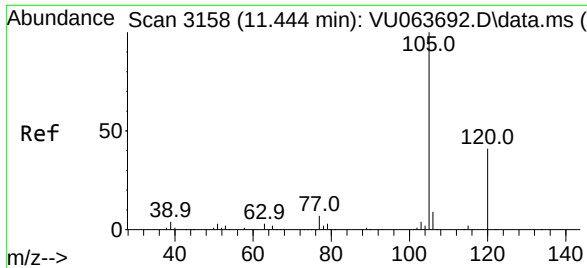
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#83
tert-Butylbenzene
Concen: 0.242 ug/l
RT: 11.396 min Scan# 3143
Delta R.T. 0.003 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion:119 Resp: 2051
Ion Ratio Lower Upper
119 100
91 74.1 30.8 92.3
134 18.9 11.9 35.5





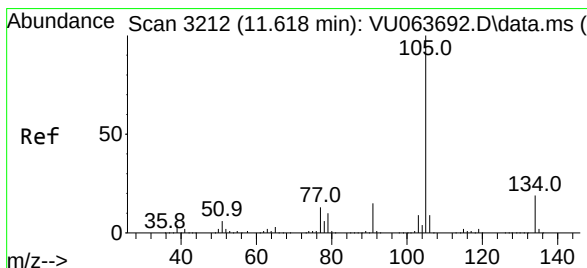
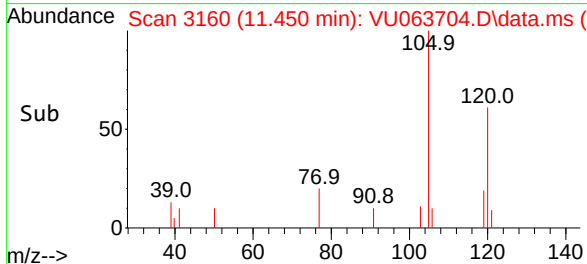
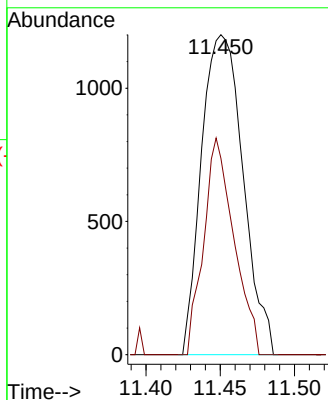
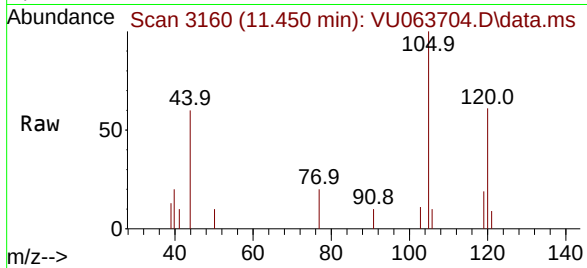
#84
1,2,4-Trimethylbenzene
Concen: 0.293 ug/l
RT: 11.450 min Scan# 3158
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

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

Tgt Ion:105 Resp: 234
Ion Ratio Lower Upper
105 100
120 49.3 22.4 67.3

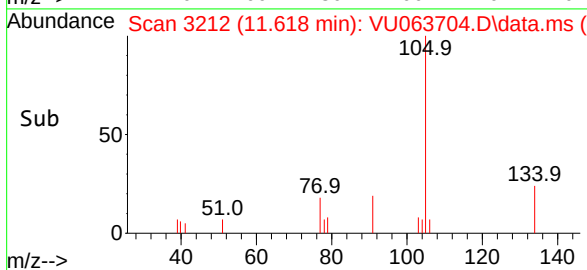
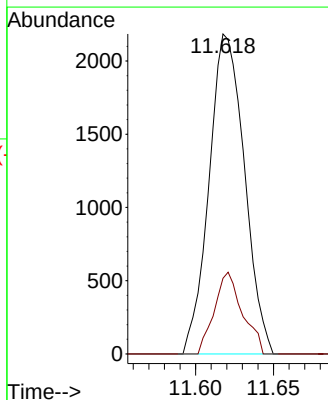
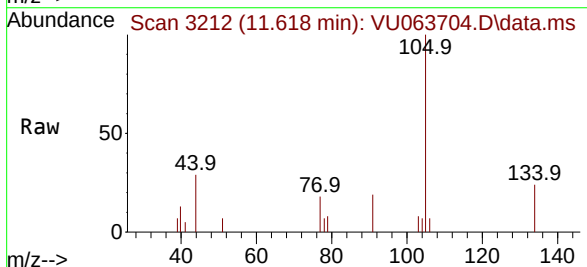
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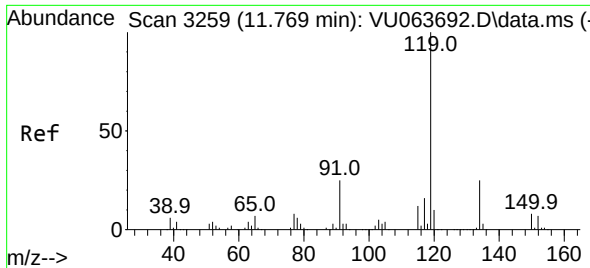
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#85
sec-Butylbenzene
Concen: 0.322 ug/l
RT: 11.618 min Scan# 3212
Delta R.T. -0.000 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

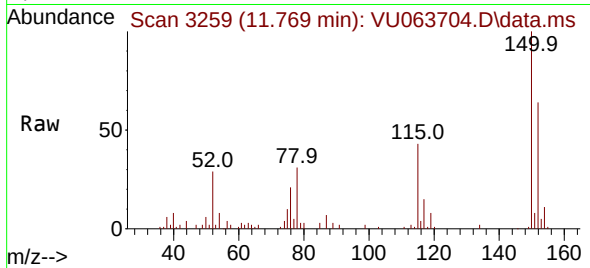
Tgt Ion:105 Resp: 3439
Ion Ratio Lower Upper
105 100
134 20.3 9.8 29.4





#86
 p-Isopropyltoluene
 Concen: 0.349 ug/l
 RT: 11.769 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063704.D
 Acq: 11 Nov 2025 14:31

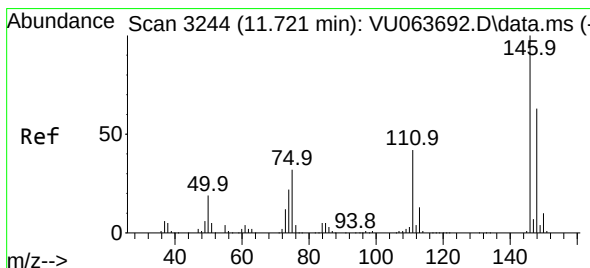
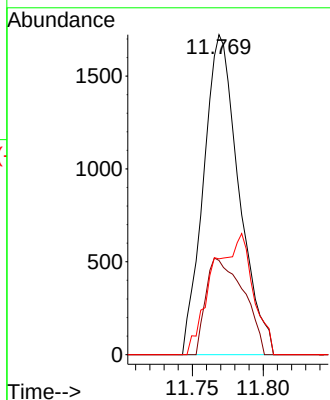
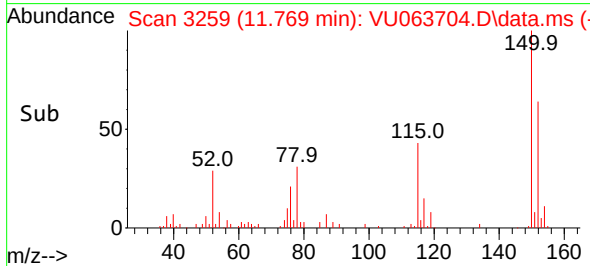
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



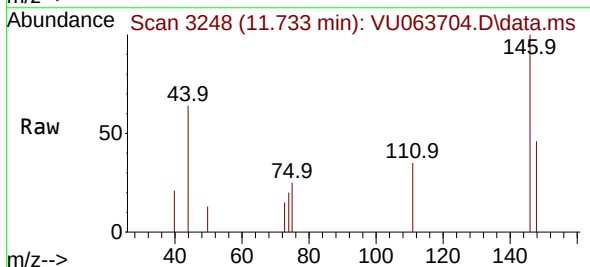
Tgt Ion:119 Resp: 2994
 Ion Ratio Lower Upper
 119 100
 134 31.9 12.6 37.6
 91 43.5 12.6 37.8

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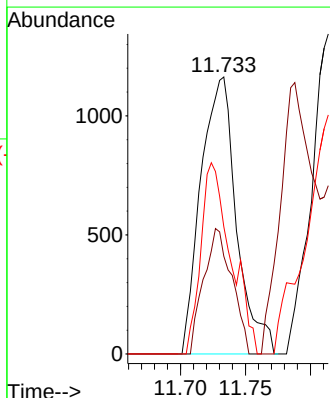
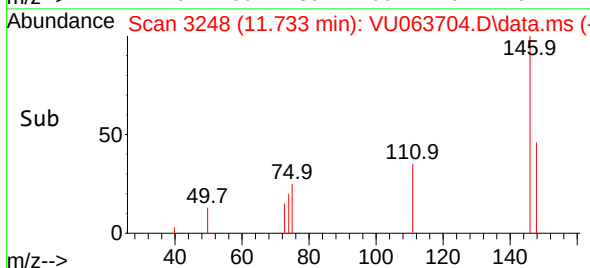
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

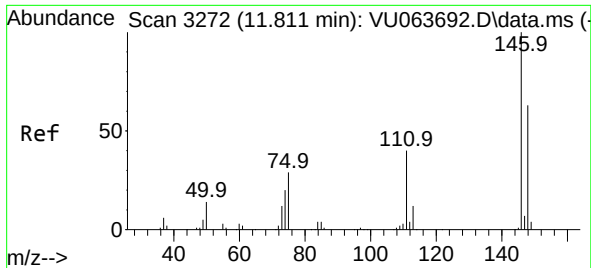


#87
 1,3-Dichlorobenzene
 Concen: 0.484 ug/l
 RT: 11.733 min Scan# 3248
 Delta R.T. 0.012 min
 Lab File: VU063704.D
 Acq: 11 Nov 2025 14:31



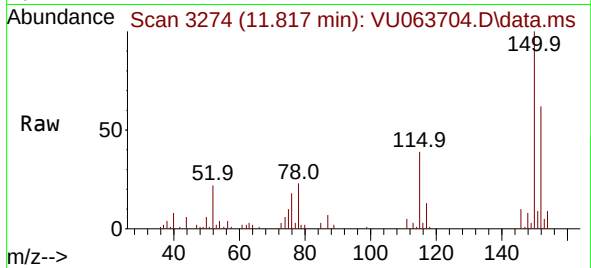
Tgt Ion:146 Resp: 2220
 Ion Ratio Lower Upper
 146 100
 111 36.0 20.6 61.8
 148 58.2 31.8 95.4





#88
1,4-Dichlorobenzene
Concen: 0.514 ug/l m
RT: 11.817 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

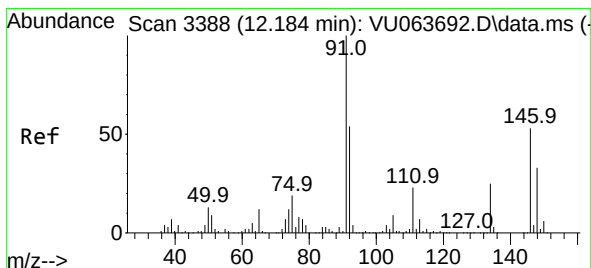
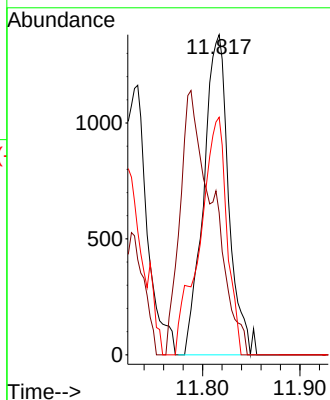
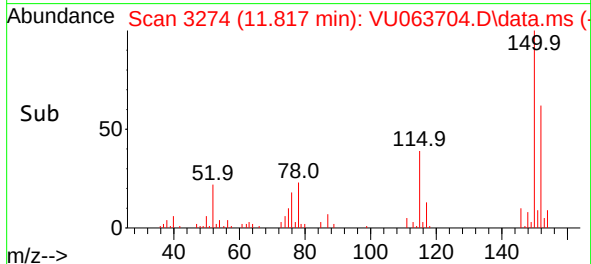
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



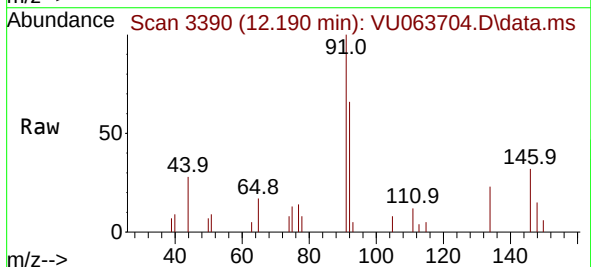
Tgt Ion:146 Resp: 246
Ion Ratio Lower Upper
146 100
111 32.4 20.4 61.3
148 52.4 31.4 94.3

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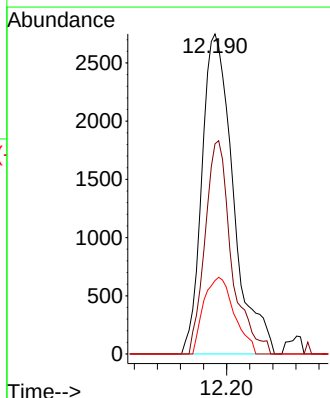
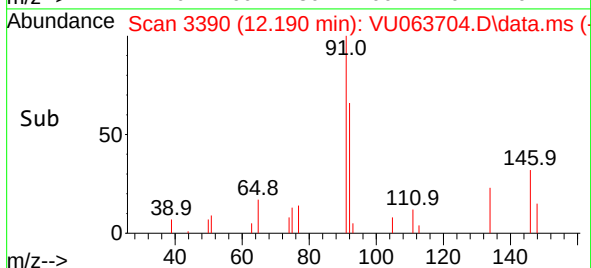
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

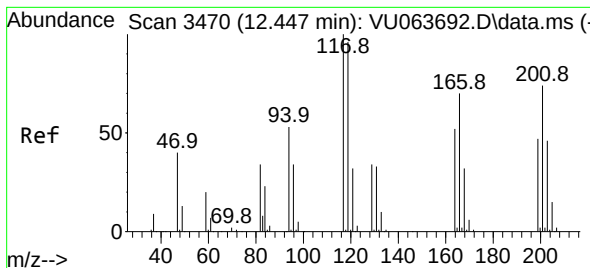


#89
n-Butylbenzene
Concen: 0.657 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31



Tgt Ion: 91 Resp: 5179
Ion Ratio Lower Upper
91 100
92 56.5 27.0 81.0
134 23.3 12.4 37.4





#90

Hexachloroethane

Concen: 0.048 ug/l

RT: 12.454 min Scan# 3470

Delta R.T. 0.007 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:117 Resp: 61

Ion Ratio Lower Upper

117 100

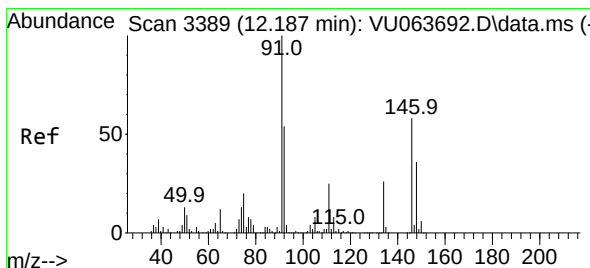
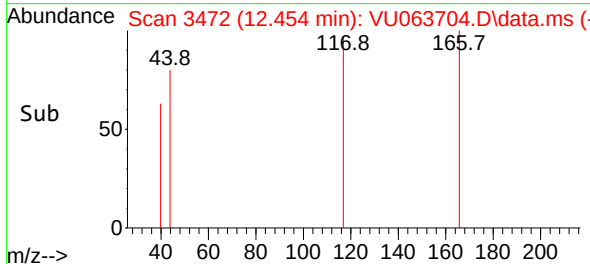
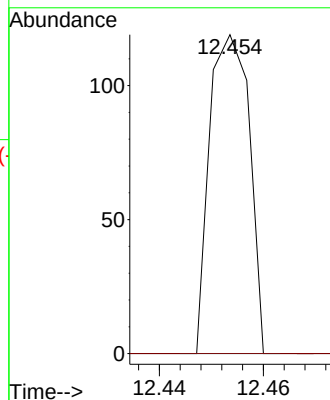
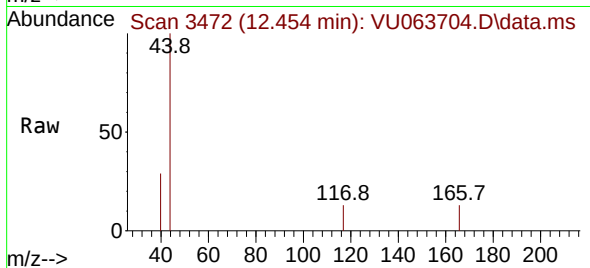
201 0.0 36.6 109.8

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#91

1,2-Dichlorobenzene

Concen: 0.373 ug/l

RT: 12.196 min Scan# 3392

Delta R.T. 0.009 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

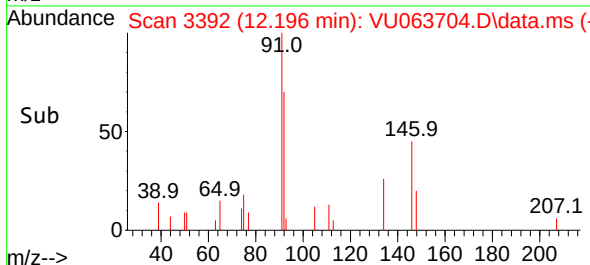
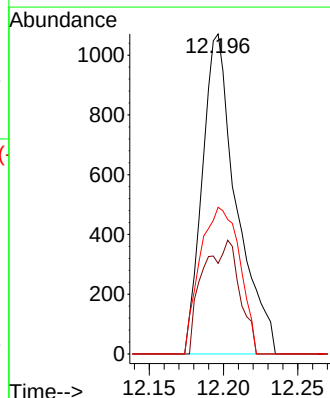
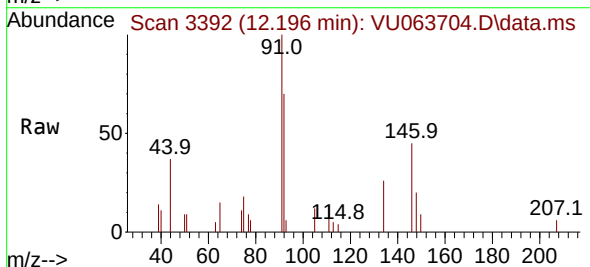
Tgt Ion:146 Resp: 1706

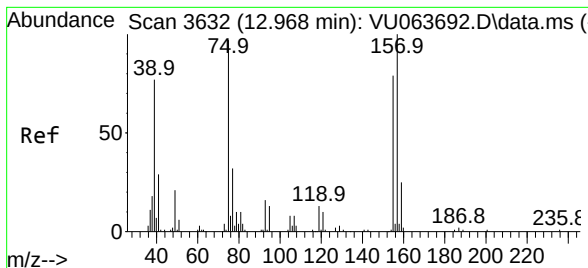
Ion Ratio Lower Upper

146 100

111 38.3 21.8 65.3

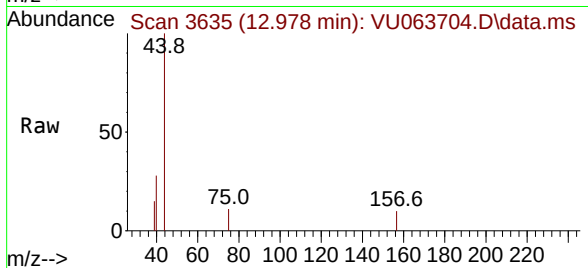
148 53.2 31.6 94.7





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.029 ug/l
RT: 12.978 min Scan# 3635
Delta R.T. 0.010 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

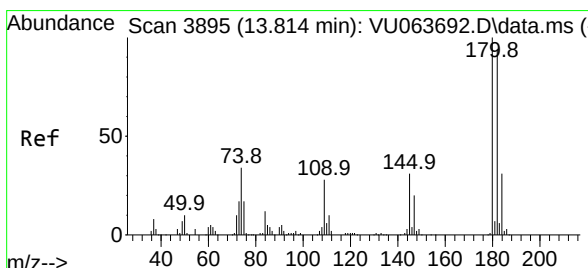
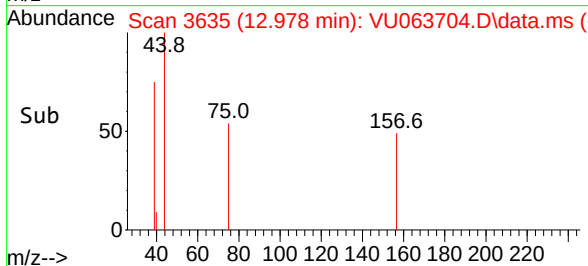
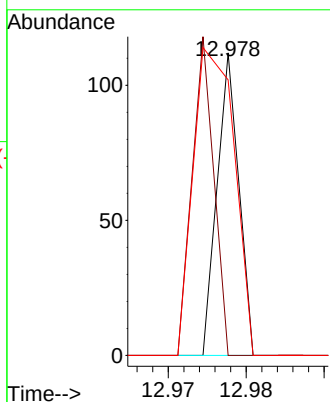
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 2557
Ion Ratio Lower Upper
75 100
155 104.5 40.5 121.4
157 190.9 50.4 151.3

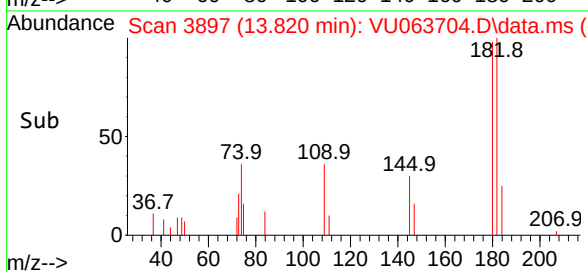
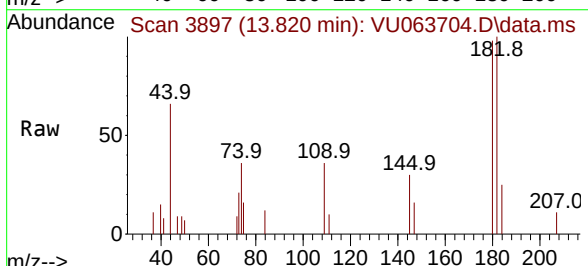
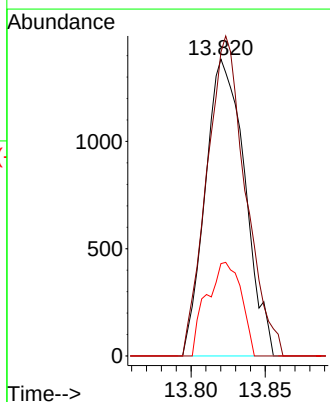
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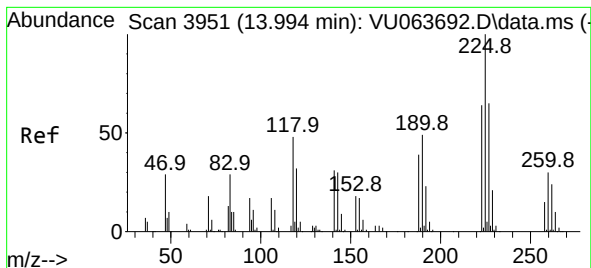
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#93
1,2,4-Trichlorobenzene
Concen: 0.877 ug/l
RT: 13.820 min Scan# 3897
Delta R.T. 0.006 min
Lab File: VU063704.D
Acq: 11 Nov 2025 14:31

Tgt Ion:180 Resp: 2557
Ion Ratio Lower Upper
180 100
182 105.6 47.6 142.9
145 27.6 15.9 47.6





#94

Hexachlorobutadiene

Concen: 0.347 ug/l

RT: 13.990 min Scan# 3951

Delta R.T. -0.004 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

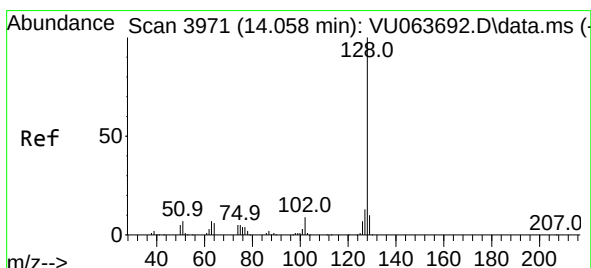
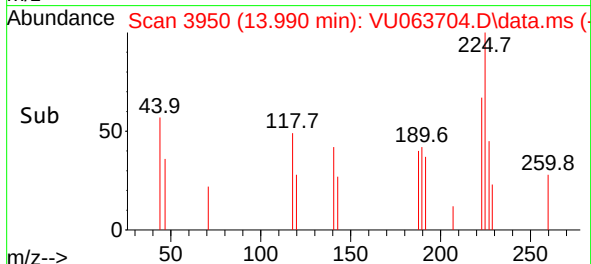
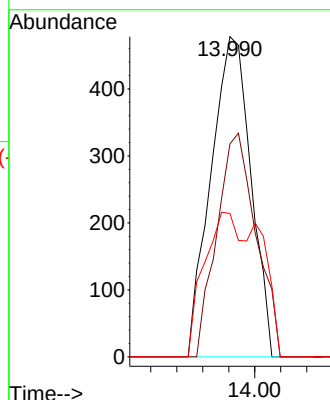
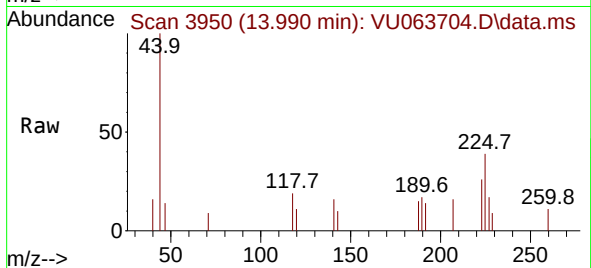
Tgt Ion:	225	Resp:	510
Ion Ratio	Lower	Upper	
225	100		
223	68.8	31.6	94.8
227	63.9	32.4	97.0

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#95

Naphthalene

Concen: 1.648 ug/l

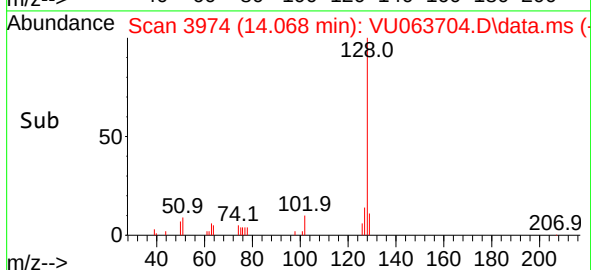
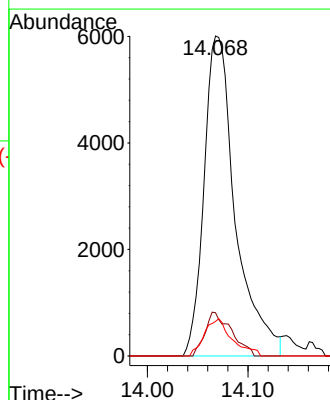
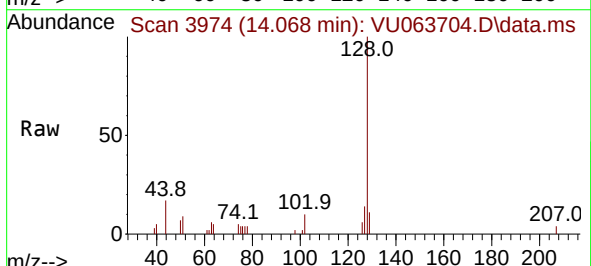
RT: 14.068 min Scan# 3974

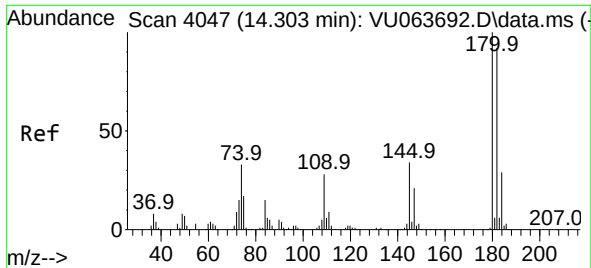
Delta R.T. 0.010 min

Lab File: VU063704.D

Acq: 11 Nov 2025 14:31

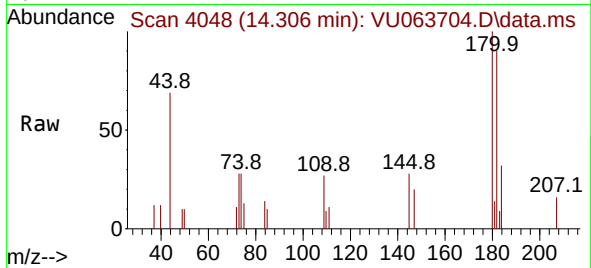
Tgt Ion:	128	Resp:	13018
Ion Ratio	Lower	Upper	
128	100		
127	11.5	9.9	14.9
129	10.3	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.989 ug/l
 RT: 14.306 min Scan# 4048
 Delta R.T. 0.003 min
 Lab File: VU063704.D
 Acq: 11 Nov 2025 14:31

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



Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.6	47.3	142.0
145	26.3	16.6	49.7

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

