

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063705.D
 Acq On : 11 Nov 2025 14:55
 Operator : MD/SY
 Sample : Q3530-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 12 02:28:25 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	5.341	168	194895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	323914	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.392	117	305691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	155317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.672	65	135928	47.213	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.420%		
35) Dibromofluoromethane	5.258	113	102452	45.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.320%		
50) Toluene-d8	7.872	98	372644	45.721	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.440%#		
62) 4-Bromofluorobenzene	10.608	95	154048	45.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	540	0.459	ug/l	71
3) Chloromethane	1.509	50	749	0.547	ug/l #	86
4) Vinyl Chloride	1.589	62	911	0.629	ug/l #	69
5) Bromomethane	1.840	94	928	0.913	ug/l	87
6) Chloroethane	1.920	64	800	0.731	ug/l	96
7) Trichlorofluoromethane	2.116	101	1188	0.429	ug/l	99
8) Diethyl Ether	2.357	74	656	0.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.560	101	683	0.388	ug/l #	87
10) Methyl Iodide	2.695	142	706	0.402	ug/l #	72
11) Tert butyl alcohol	3.164	59	3206	4.773	ug/l #	73
12) 1,1-Dichloroethene	2.560	96	891	0.588	ug/l	87
13) Acrolein	2.454	56	113	2.104	ug/l #	21
14) Allyl chloride	2.904	41	1688m	0.597	ug/l	
15) Acrylonitrile	3.341	53	2503m	1.819	ug/l	
16) Acetone	2.611	43	6326	3.359	ug/l	91
17) Carbon Disulfide	2.769	76	1601	0.718	ug/l #	70
18) Methyl Acetate	2.939	43	1537m	0.344	ug/l	
19) Methyl tert-butyl Ether	3.338	73	2850	0.417	ug/l	92
20) Methylene Chloride	3.023	84	3385	1.577	ug/l	92
21) trans-1,2-Dichloroethene	3.328	96	748	0.481	ug/l	90
22) Diisopropyl ether	3.965	45	2675	0.430	ug/l #	48
23) Vinyl Acetate	3.975	43	6767m	1.594	ug/l	
24) 1,1-Dichloroethane	3.843	63	1247	0.347	ug/l #	81
25) 2-Butanone	4.743	43	5610m	2.830	ug/l	
26) 2,2-Dichloropropane	4.621	77	1415m	0.459	ug/l	
27) cis-1,2-Dichloroethene	4.653	96	973	0.428	ug/l	96
28) Bromochloromethane	4.949	49	498	0.347	ug/l #	70
29) Tetrahydrofuran	5.045	42	2688m	2.330	ug/l	
30) Chloroform	5.061	83	2020	0.514	ug/l	86
31) Cyclohexane	5.348	56	5493	2.167	ug/l #	34
32) 1,1,1-Trichloroethane	5.287	97	1465	0.454	ug/l #	47
36) 1,1-Dichloropropene	5.499	75	1776m	0.769	ug/l	
37) Ethyl Acetate	4.743	43	3954m	1.209	ug/l	
38) Carbon Tetrachloride	5.492	117	1229	0.492	ug/l	86
39) Methylcyclohexane	6.730	83	1201	0.458	ug/l #	82
40) Benzene	5.756	78	3391	0.455	ug/l	99

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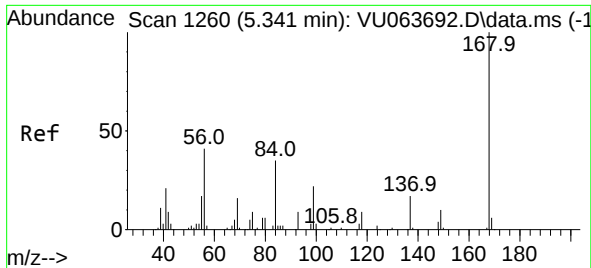
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.052	41	2272m	1.337	ug/l	
42) 1,2-Dichloroethane	5.775	62	1333	0.454	ug/l #	75
43) Isopropyl Acetate	5.904	43	2011m	0.420	ug/l	
44) Trichloroethene	6.521	130	1053	0.504	ug/l	85
45) 1,2-Dichloropropane	6.762	63	821	0.405	ug/l #	44
46) Dibromomethane	6.904	93	676	0.444	ug/l	95
47) Bromodichloromethane	7.081	83	1384	0.449	ug/l #	75
48) Methyl methacrylate	6.975	41	1584m	0.673	ug/l	
49) 1,4-Dioxane	6.965	88	301	4.830	ug/l #	65
51) 4-Methyl-2-Pentanone	7.775	43	7413	2.021	ug/l	100
52) Toluene	7.949	92	2443	0.505	ug/l	94
53) t-1,3-Dichloropropene	8.200	75	1102	0.424	ug/l	91
54) cis-1,3-Dichloropropene	7.598	75	1179	0.405	ug/l #	69
55) 1,1,2-Trichloroethane	8.376	97	1044	0.470	ug/l #	82
56) Ethyl methacrylate	8.322	69	1256m	0.384	ug/l	
57) 1,3-Dichloropropane	8.553	76	1541	0.426	ug/l	98
59) 2-Hexanone	8.688	43	5500	2.014	ug/l	99
60) Dibromochloromethane	8.794	129	908	0.391	ug/l	86
61) 1,2-Dibromoethane	8.904	107	1000	0.468	ug/l #	76
64) Tetrachloroethene	8.528	164	952	0.483	ug/l #	86
65) Chlorobenzene	9.425	112	3191	0.534	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.505	131	801	0.394	ug/l #	65
67) Ethyl Benzene	9.550	91	5491	0.552	ug/l	94
68) m/p-Xylenes	9.675	106	3703	1.008	ug/l	99
69) o-Xylene	10.077	106	1812	0.478	ug/l	95
70) Styrene	10.103	104	2661	0.437	ug/l #	76
71) Bromoform	10.267	173	642	0.392	ug/l #	64
73) Isopropylbenzene	10.463	105	4413	0.452	ug/l	98
74) N-amyl acetate	10.315	43	1693	0.498	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	10.759	83	1501	0.401	ug/l #	93
76) 1,2,3-Trichloropropane	10.804	75	1854m	0.474	ug/l	
77) Bromobenzene	10.765	156	1321	0.538	ug/l	82
78) n-propylbenzene	10.884	91	6148	0.549	ug/l	96
79) 2-Chlorotoluene	10.965	91	3738	0.517	ug/l	95
80) 1,3,5-Trimethylbenzene	11.068	105	3360	0.411	ug/l	90
82) 4-Chlorotoluene	11.081	91	4615	0.561	ug/l	94
83) tert-Butylbenzene	11.392	119	4208	0.494	ug/l	91
84) 1,2,4-Trimethylbenzene	11.450	105	4094	0.510	ug/l	95
85) sec-Butylbenzene	11.621	105	5213	0.484	ug/l	96
86) p-Isopropyltoluene	11.769	119	4756	0.550	ug/l	89
87) 1,3-Dichlorobenzene	11.724	146	2709	0.587	ug/l	94
88) 1,4-Dichlorobenzene	11.814	146	3530m	0.731	ug/l	
89) n-Butylbenzene	12.190	91	5255	0.662	ug/l	98
90) Hexachloroethane	12.441	117	424	0.322	ug/l	86
91) 1,2-Dichlorobenzene	12.196	146	2818	0.612	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	12.978	75	142	0.185	ug/l	82
93) 1,2,4-Trichlorobenzene	13.820	180	2401	0.818	ug/l	95
94) Hexachlorobutadiene	13.994	225	795	0.537	ug/l	89
95) Naphthalene	14.068	128	9500	1.194	ug/l	98
96) 1,2,3-Trichlorobenzene	14.309	180	2501	0.916	ug/l	97

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

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MSVOA_U
ClientSampleId :
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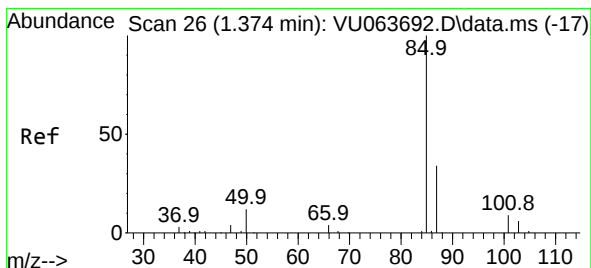
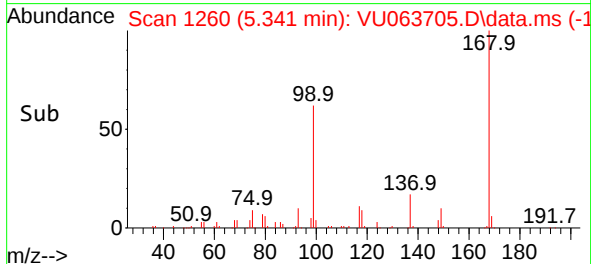
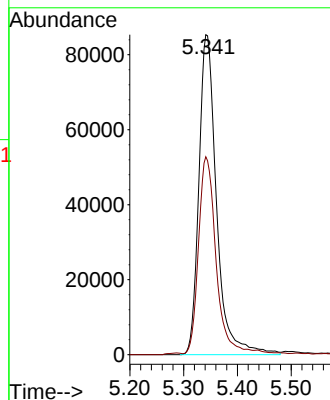
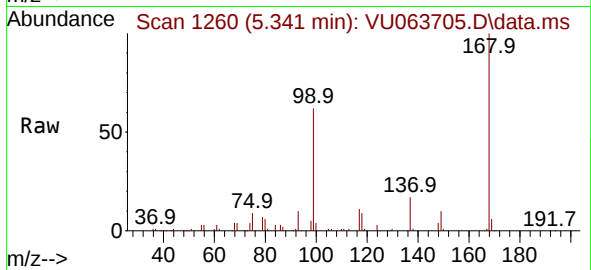
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063705.D
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:168 Resp: 19489
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4

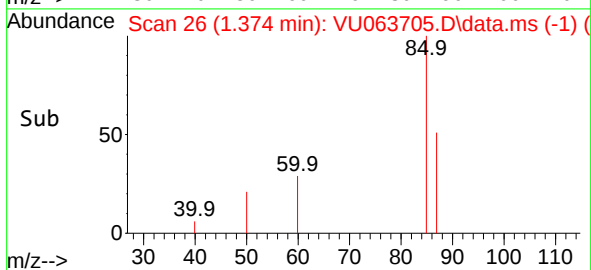
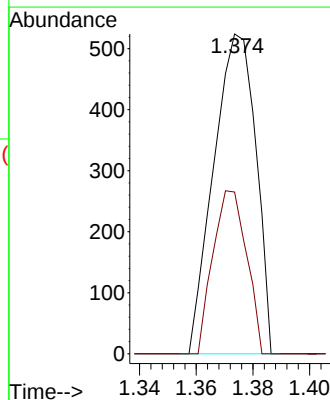
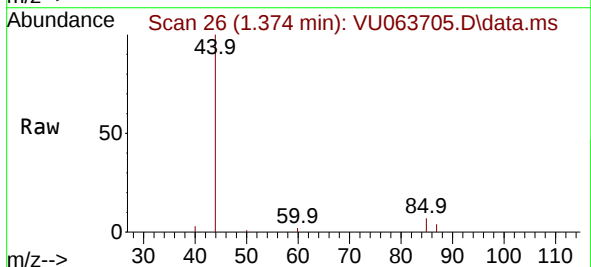
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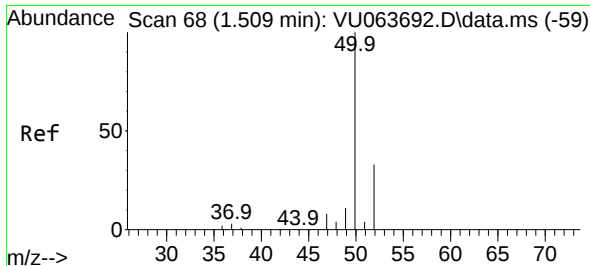
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#2
Dichlorodifluoromethane
Concen: 0.459 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 85 Resp: 540
Ion Ratio Lower Upper
85 100
87 50.6 17.0 51.0





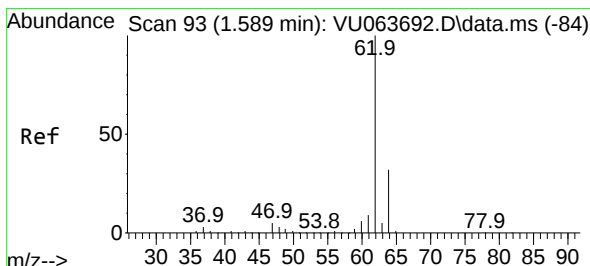
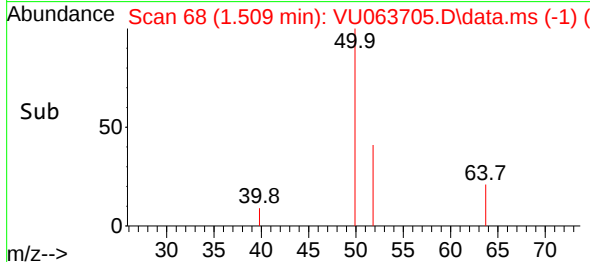
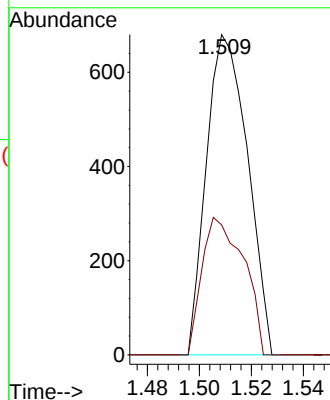
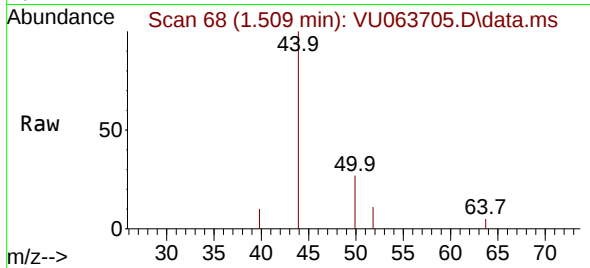
#3
Chloromethane
Concen: 0.547 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 40.6 26.3 39.5

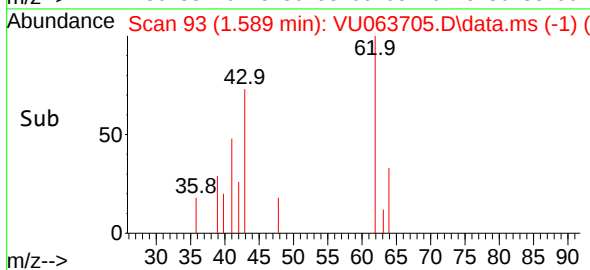
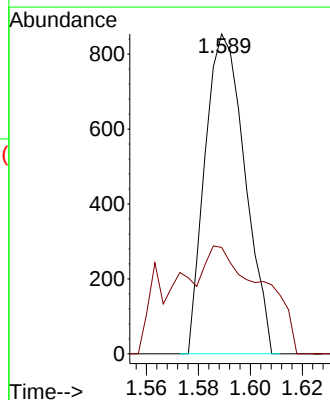
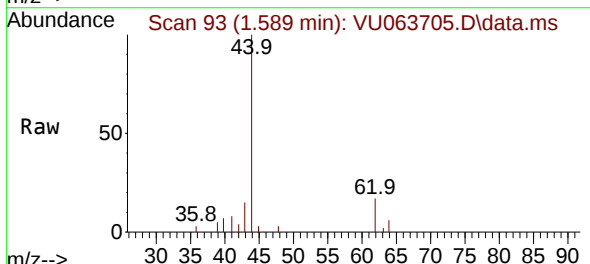
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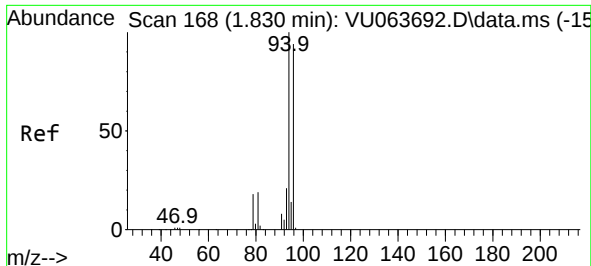
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#4
Vinyl Chloride
Concen: 0.629 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

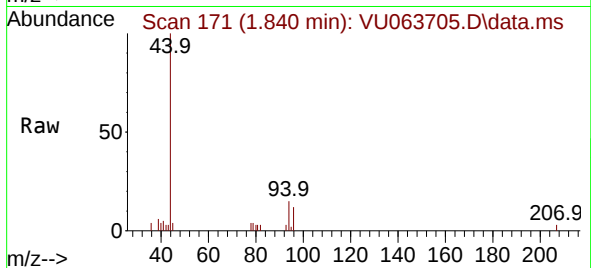
Tgt Ion: 62 Resp: 911
Ion Ratio Lower Upper
62 100
64 15.0 25.9 38.9





#5
Bromomethane
Concen: 0.913 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

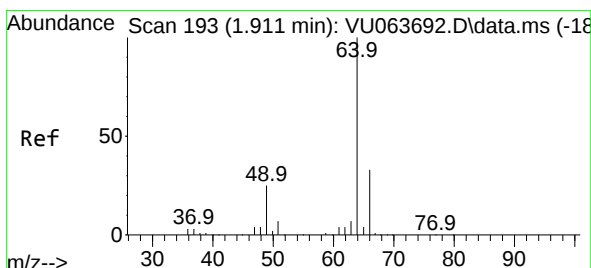
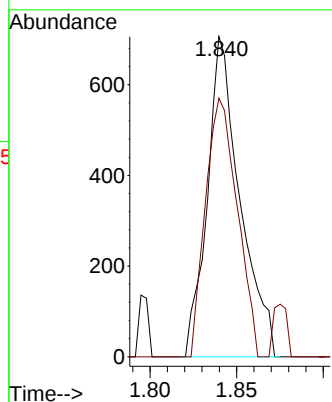
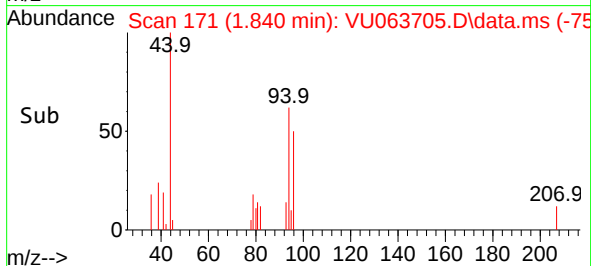
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 94 Resp: 928
Ion Ratio Lower Upper
94 100
96 80.7 74.8 112.2

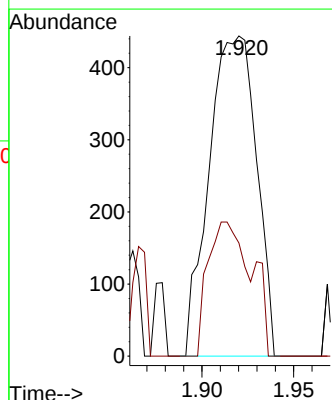
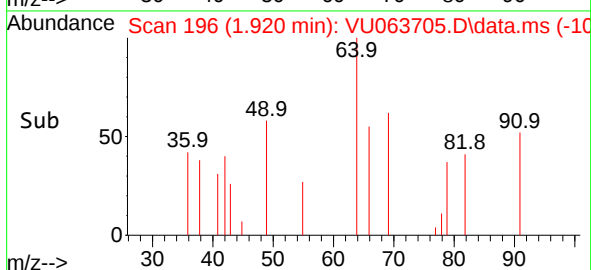
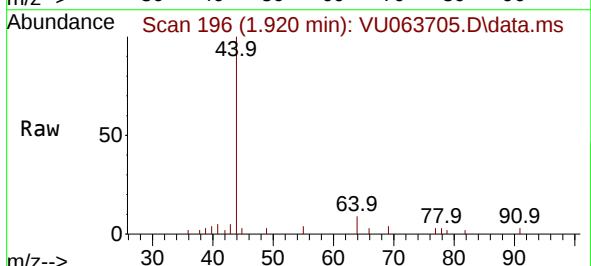
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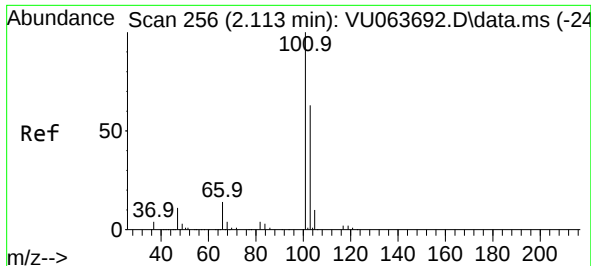
Reviewed By :John Carlone 11/12/2025
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#6
Chloroethane
Concen: 0.731 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

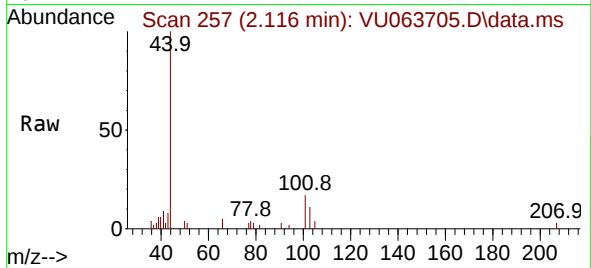
Tgt Ion: 64 Resp: 800
Ion Ratio Lower Upper
64 100
66 35.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 0.429 ug/l
RT: 2.116 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU063705.D
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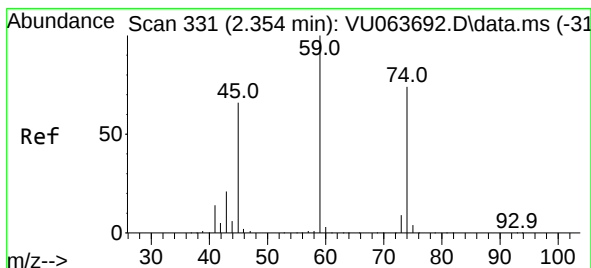
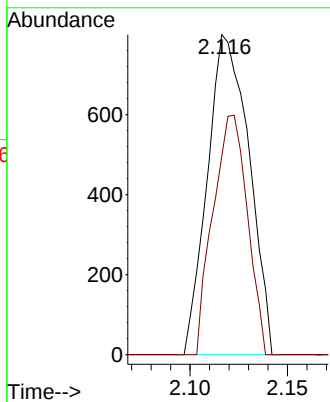
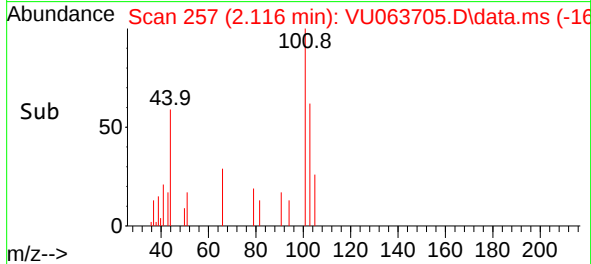
Instrument :
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Tgt Ion:101 Resp: 1188
Ion Ratio Lower Upper
101 100
103 61.9 50.3 75.5

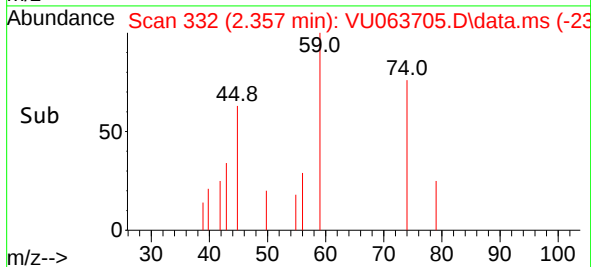
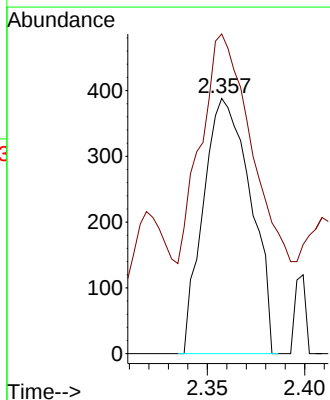
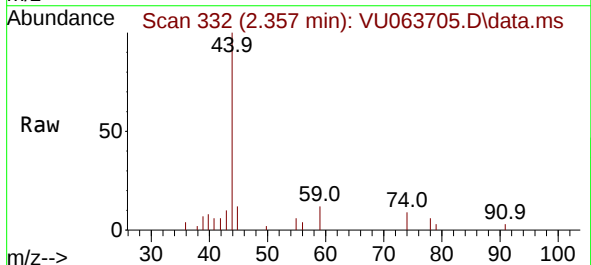
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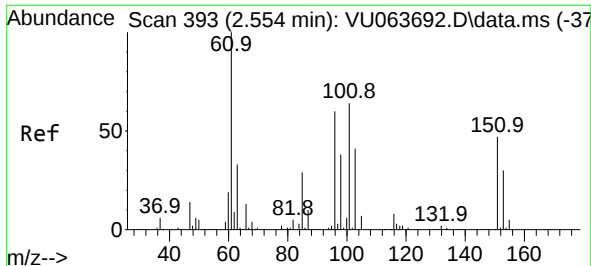
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#8
Diethyl Ether
Concen: 0.557 ug/l
RT: 2.357 min Scan# 332
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 74 Resp: 656
Ion Ratio Lower Upper
74 100
45 91.6 44.1 132.4





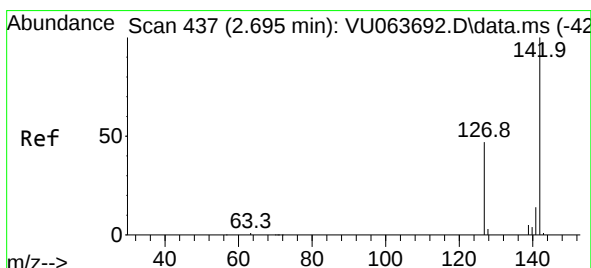
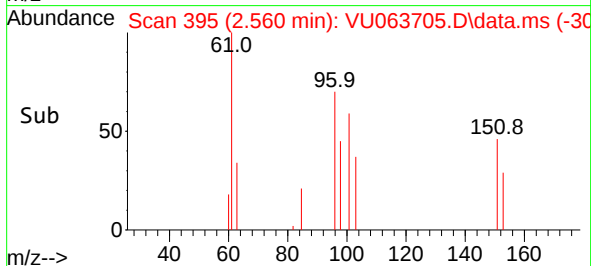
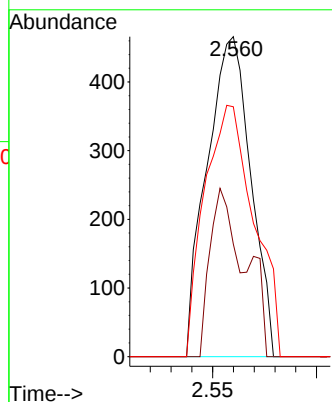
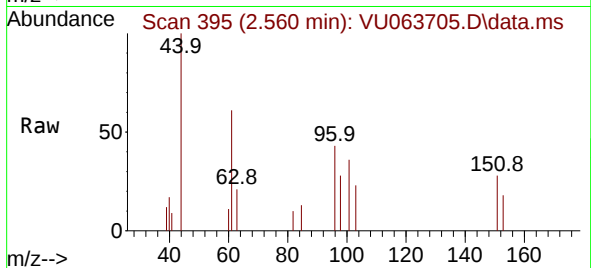
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.388 ug/l
RT: 2.560 min Scan# 395
Delta R.T. 0.006 min
Lab File: VU063705.D
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ClientSampleId :
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Tgt Ion:101 Resp: 683
Ion Ratio Lower Upper
101 100
85 41.6 36.2 54.4
151 88.4 58.5 87.7

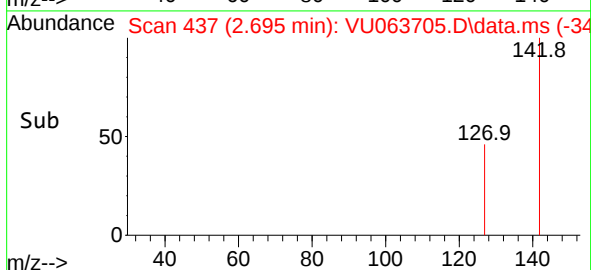
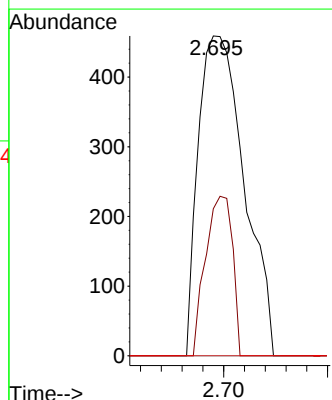
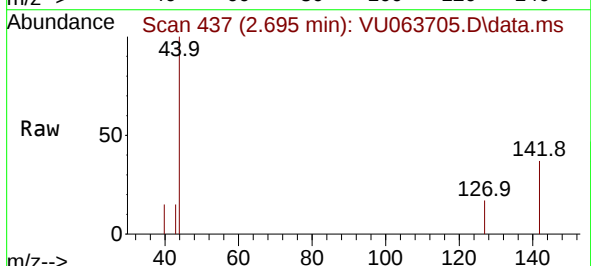
Manual Integrations
APPROVED

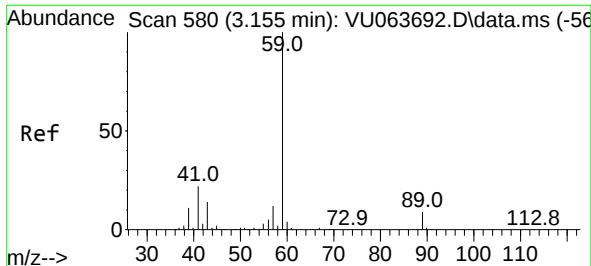
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Methyl Iodide
Concen: 0.402 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

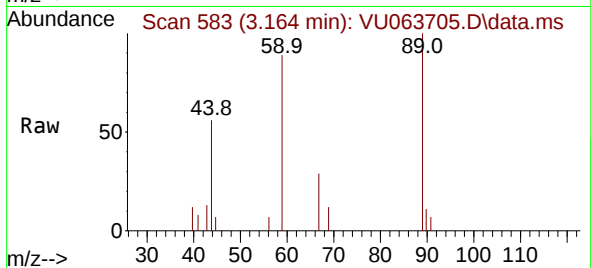
Tgt Ion:142 Resp: 706
Ion Ratio Lower Upper
142 100
127 29.2 37.2 55.8#
141 0.0 11.4 17.0#





#11
Tert butyl alcohol
Concen: 4.773 ug/l
RT: 3.164 min Scan# 580
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

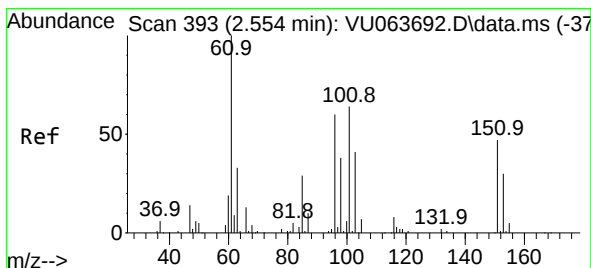
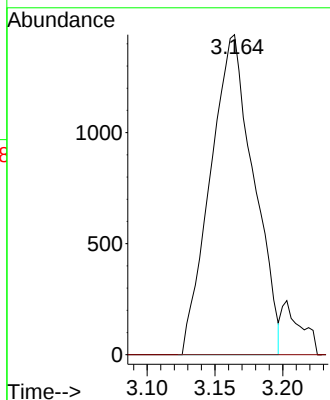
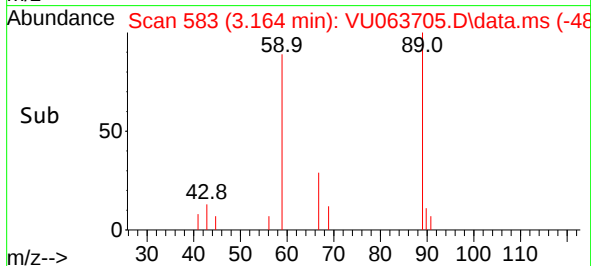
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



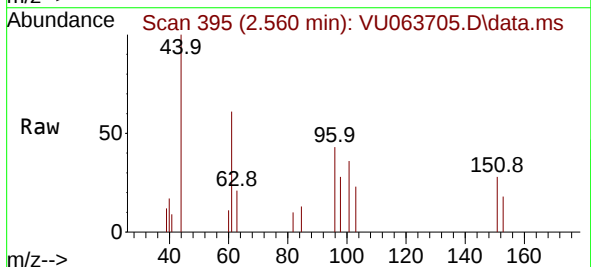
Tgt Ion: 59 Resp: 3200
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

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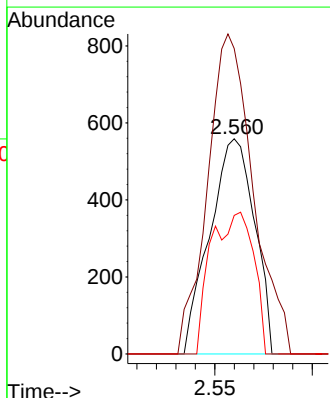
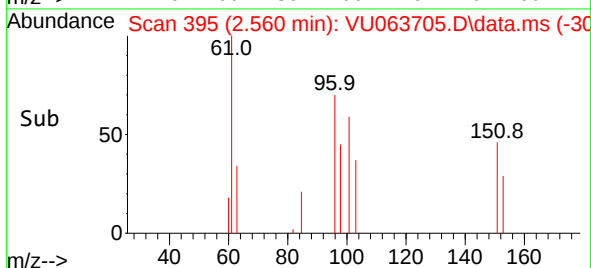
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

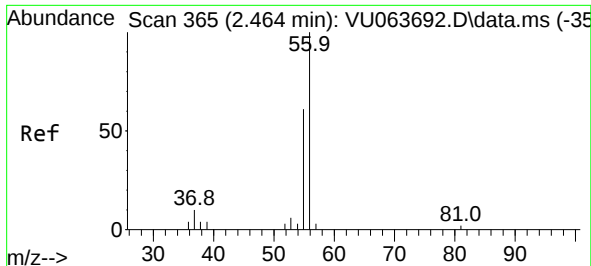


#12
1,1-Dichloroethene
Concen: 0.588 ug/l
RT: 2.560 min Scan# 395
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55



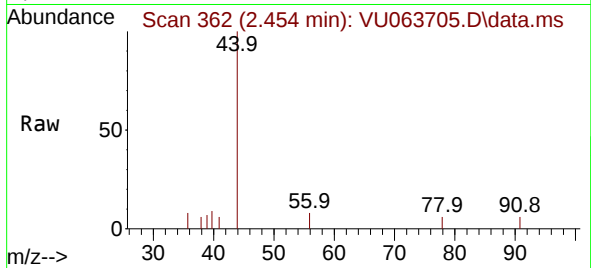
Tgt Ion: 96 Resp: 891
Ion Ratio Lower Upper
96 100
61 141.9 133.1 199.7
98 64.4 50.7 76.1





#13
Acrolein
Concen: 2.104 ug/l
RT: 2.454 min Scan# 30
Delta R.T. -0.010 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

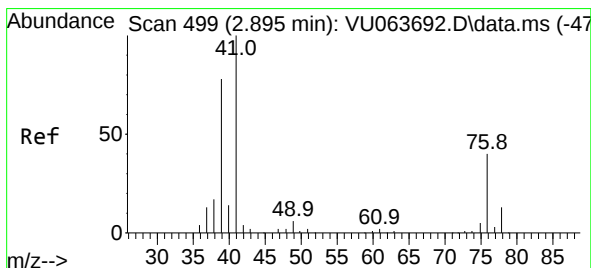
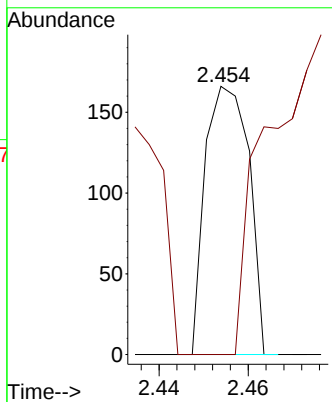
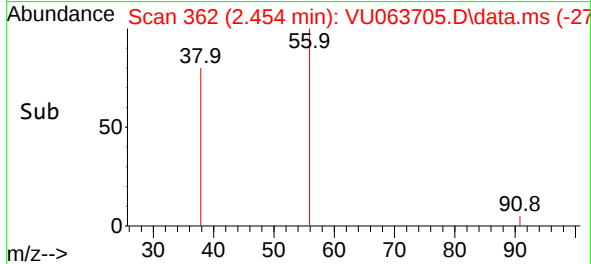
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 0.0 47.1 70.7

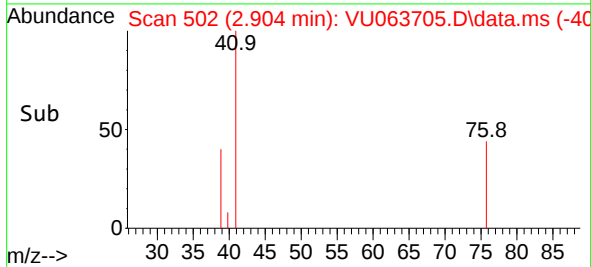
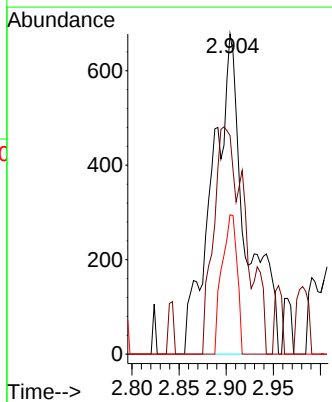
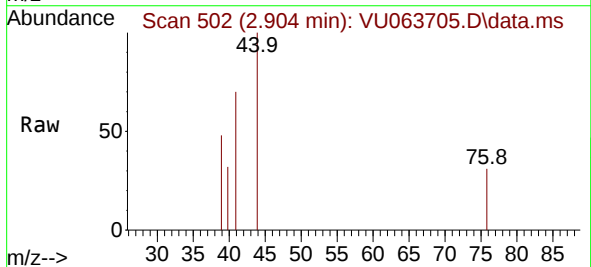
Manual Integrations
APPROVED

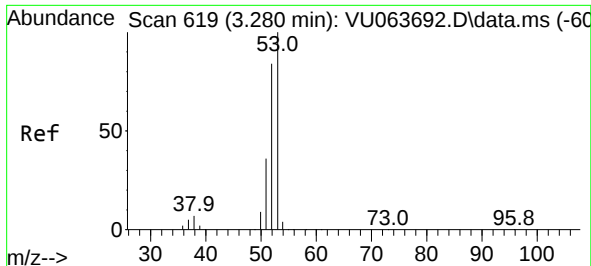
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Allyl chloride
Concen: 0.597 ug/l m
RT: 2.904 min Scan# 502
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 41 Resp: 1688
Ion Ratio Lower Upper
41 100
39 0.0 53.1 79.7#
76 0.0 26.4 39.6#





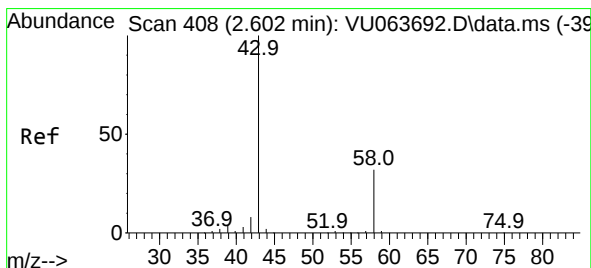
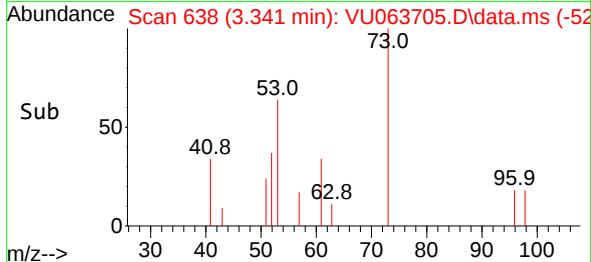
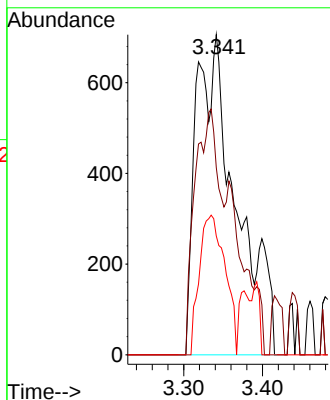
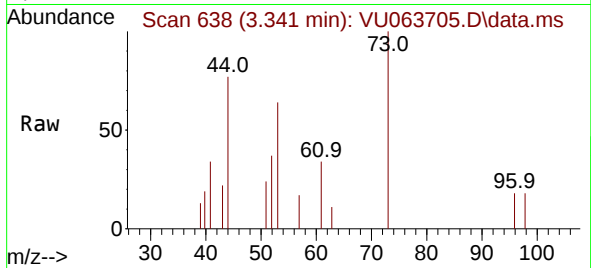
#15
Acrylonitrile
Concen: 1.819 ug/l m
RT: 3.341 min Scan# 619
Delta R.T. 0.061 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 53 Resp: 250
Ion Ratio Lower Upper
53 100
52 0.0 67.5 101.3
51 0.0 29.0 43.6

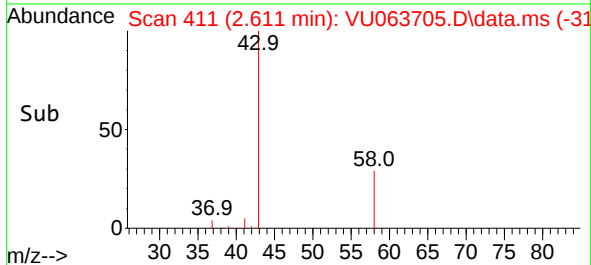
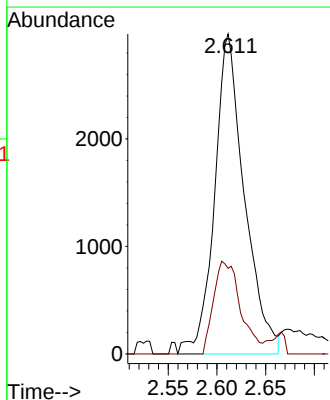
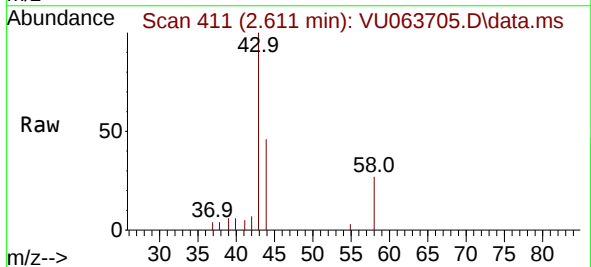
Manual Integrations
APPROVED

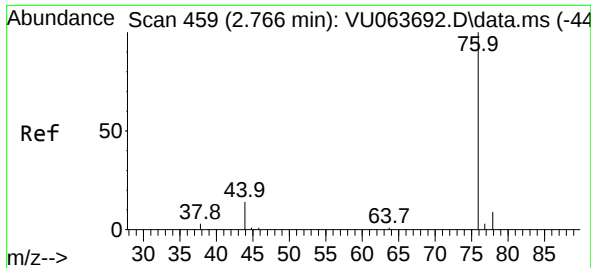
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
Acetone
Concen: 3.359 ug/l
RT: 2.611 min Scan# 411
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

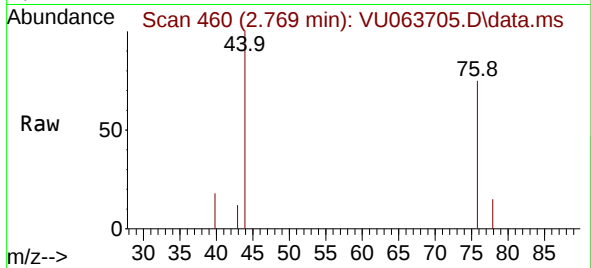
Tgt Ion: 43 Resp: 6326
Ion Ratio Lower Upper
43 100
58 26.7 25.4 38.2





#17
Carbon Disulfide
Concen: 0.718 ug/l
RT: 2.769 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

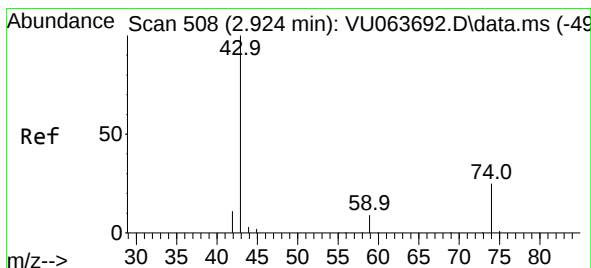
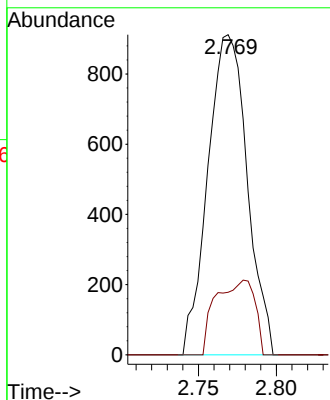
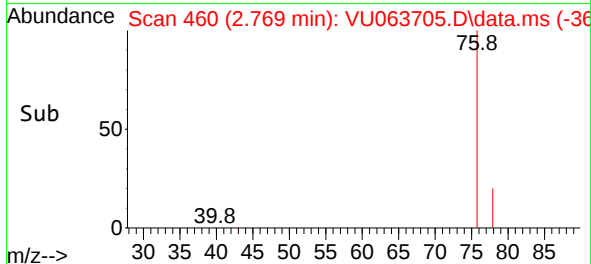
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



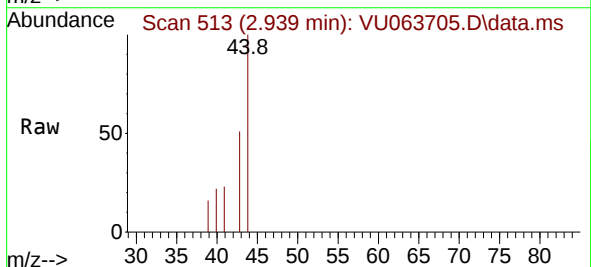
Tgt Ion: 76 Resp: 160
Ion Ratio Lower Upper
76 100
78 19.5 7.0 10.6

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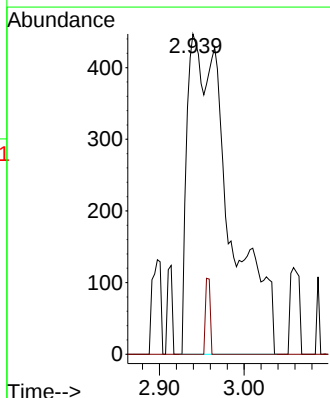
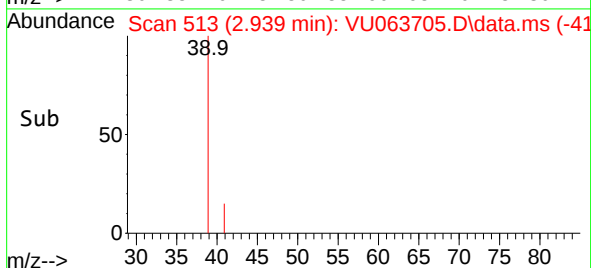
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

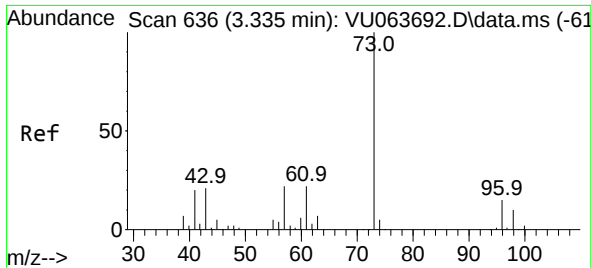


#18
Methyl Acetate
Concen: 0.344 ug/l m
RT: 2.939 min Scan# 513
Delta R.T. 0.015 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55



Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
74 2.7 20.6 31.0#





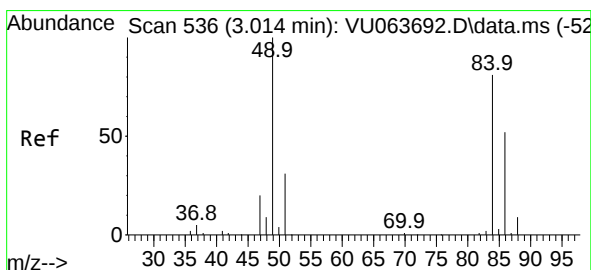
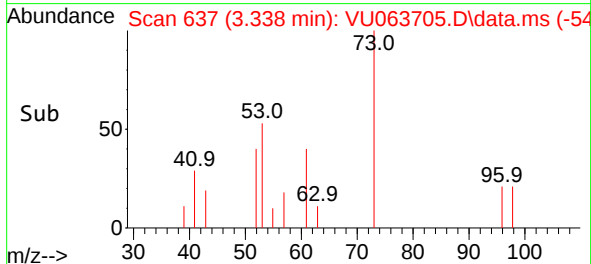
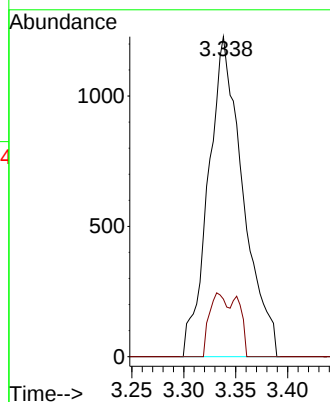
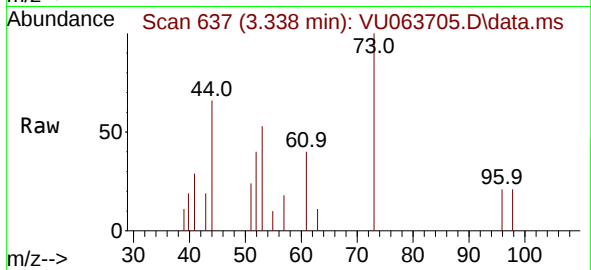
#19
Methyl tert-butyl Ether
Concen: 0.417 ug/l
RT: 3.338 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 73 Resp: 2850
Ion Ratio Lower Upper
73 100
57 18.0 17.4 26.2

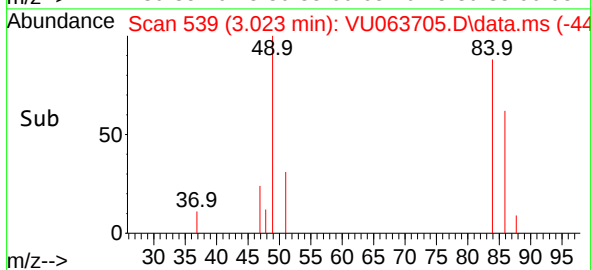
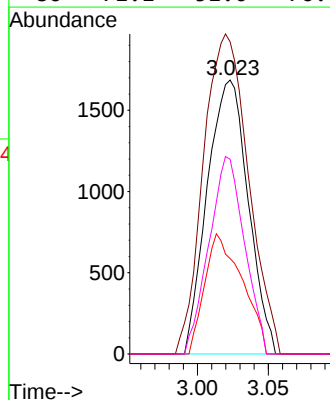
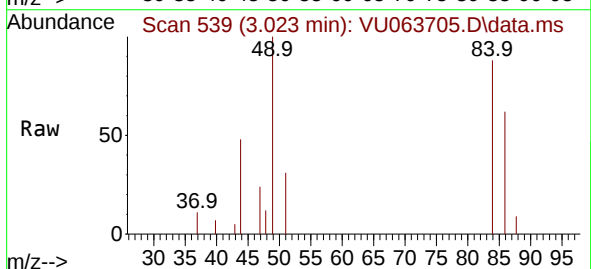
Manual Integrations
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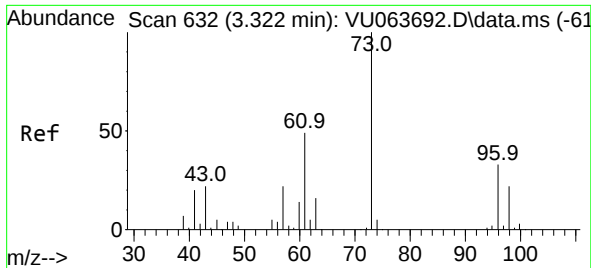
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 1.577 ug/l
RT: 3.023 min Scan# 539
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

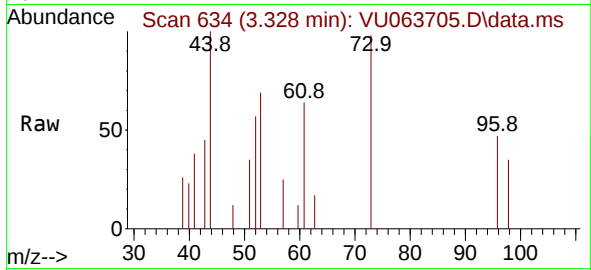
Tgt Ion: 84 Resp: 3385
Ion Ratio Lower Upper
84 100
49 114.0 98.4 147.6
51 34.8 30.1 45.1
86 71.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 0.481 ug/l
RT: 3.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

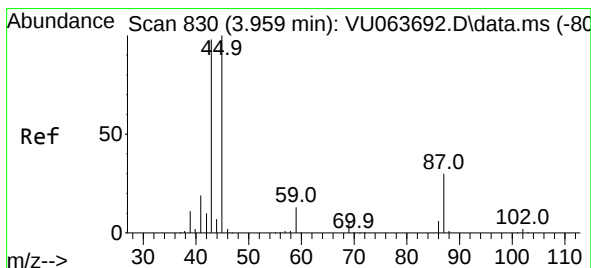
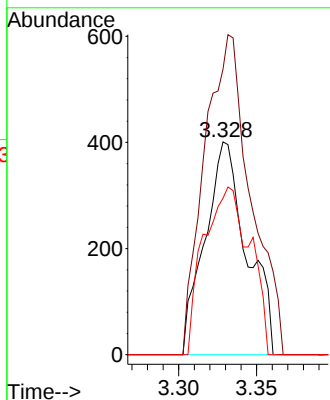
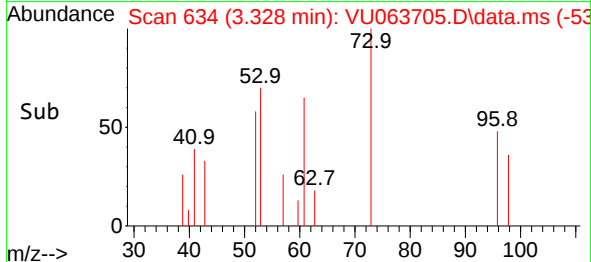
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 748
Ion Ratio Lower Upper
96 100
61 134.2 117.5 176.3
98 73.6 52.7 79.1

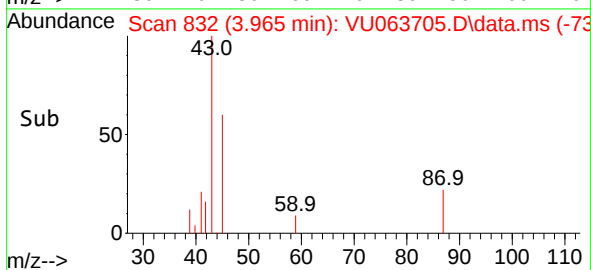
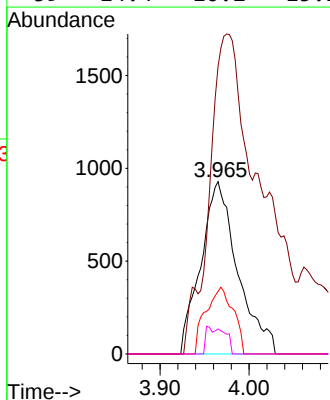
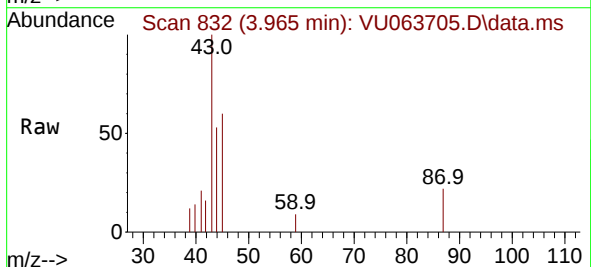
Manual Integrations
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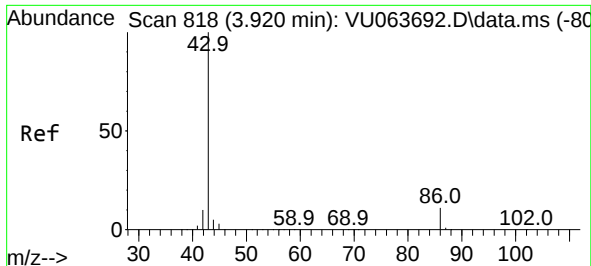
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
Diisopropyl ether
Concen: 0.430 ug/l
RT: 3.965 min Scan# 832
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 45 Resp: 2675
Ion Ratio Lower Upper
45 100
43 166.8 78.1 117.1#
87 36.3 23.8 35.8#
59 14.4 10.2 15.2





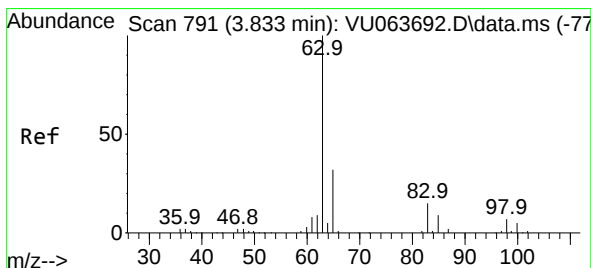
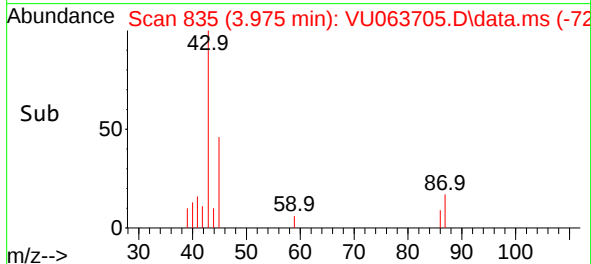
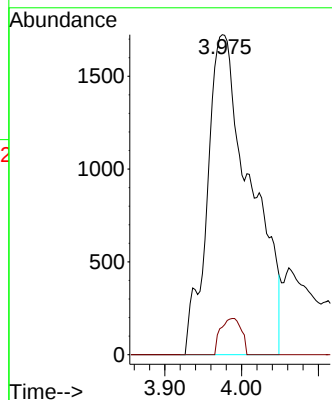
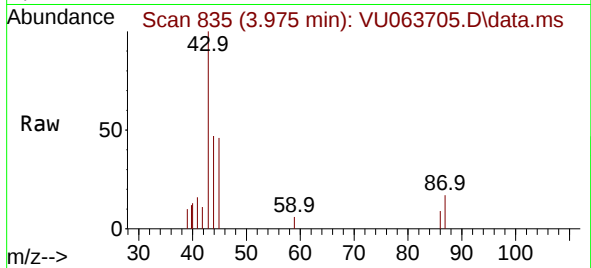
#23
 Vinyl Acetate
 Concen: 1.594 ug/l m
 RT: 3.975 min Scan# 818
 Delta R.T. 0.055 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

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

Tgt Ion: 43 Resp: 676
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.7 13.1

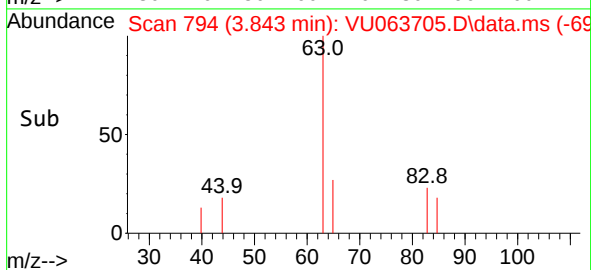
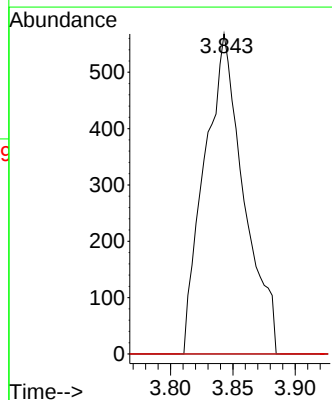
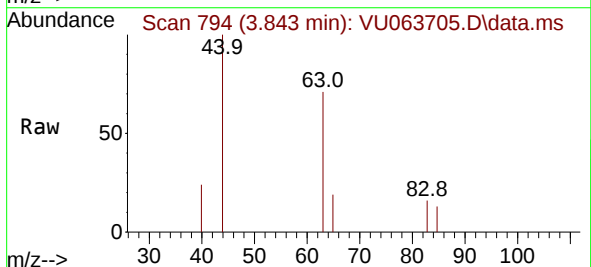
Manual Integrations
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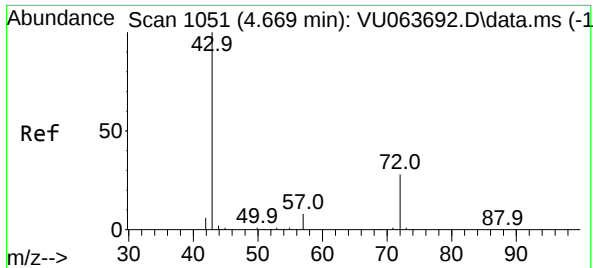
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#24
 1,1-Dichloroethane
 Concen: 0.347 ug/l
 RT: 3.843 min Scan# 794
 Delta R.T. 0.010 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

Tgt Ion: 63 Resp: 1247
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.7 11.1#
 100 0.0 2.5 7.5#





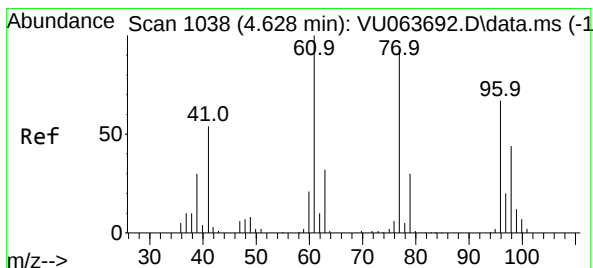
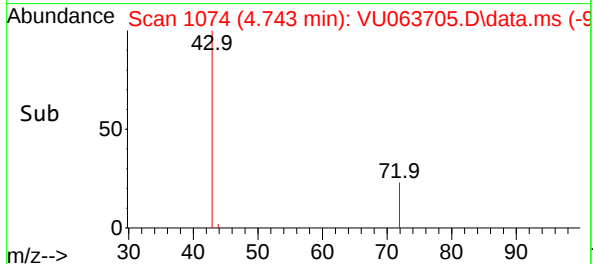
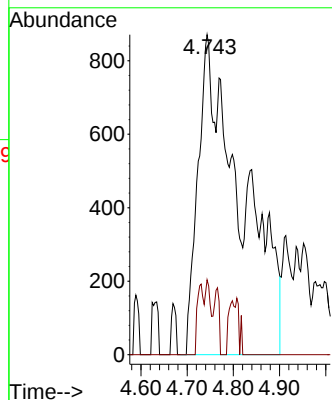
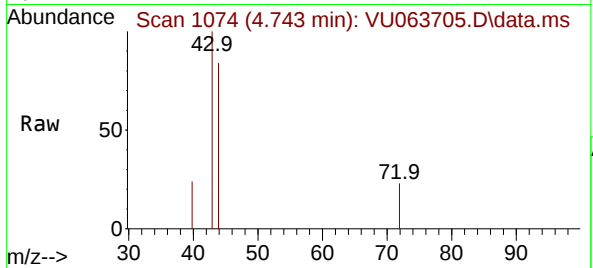
#25
2-Butanone
Concen: 2.830 ug/l m
RT: 4.743 min Scan# 1074
Delta R.T. 0.074 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 43 Resp: 5610
Ion Ratio Lower Upper
43 100
72 23.4 22.0 33.0

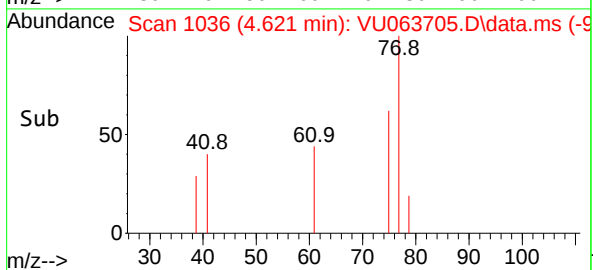
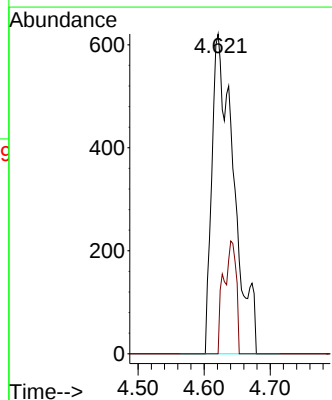
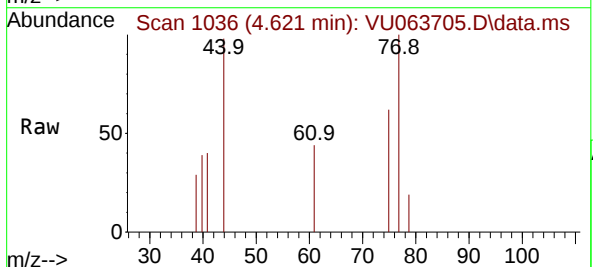
Manual Integrations
APPROVED

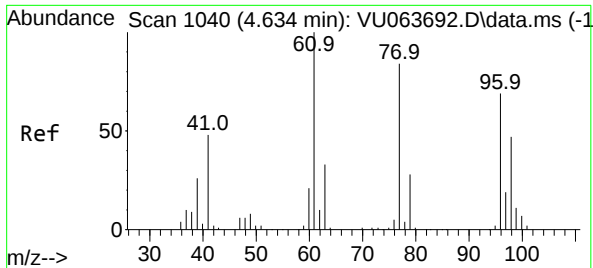
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
2,2-Dichloropropane
Concen: 0.459 ug/l m
RT: 4.621 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

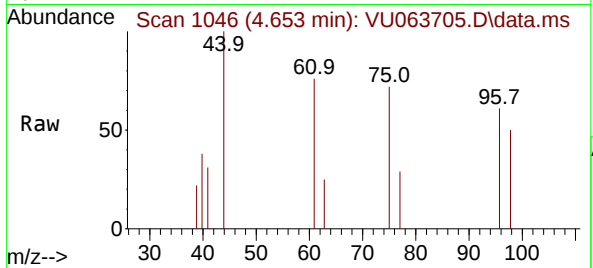
Tgt Ion: 77 Resp: 1415
Ion Ratio Lower Upper
77 100
97 20.2 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 0.428 ug/l
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.019 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55

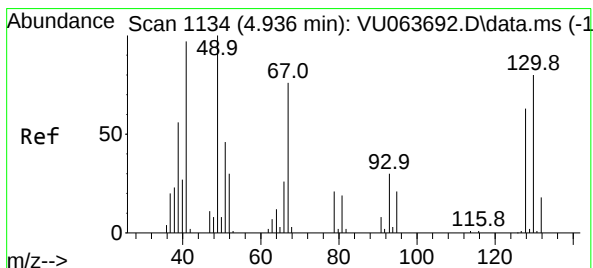
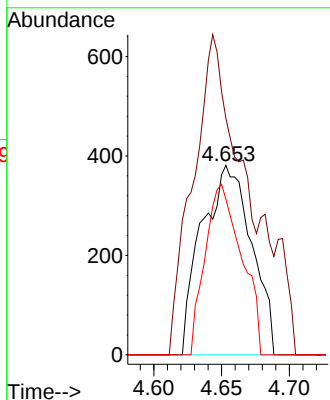
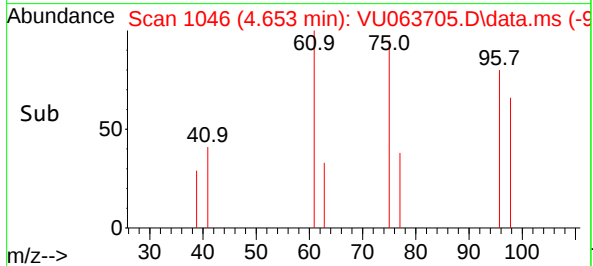
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



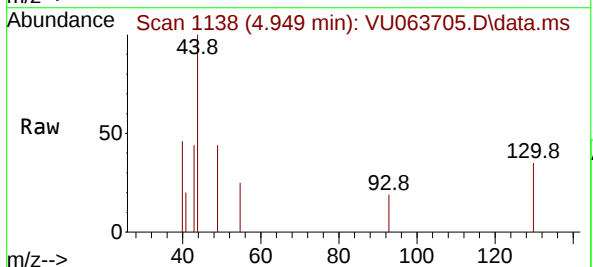
Tgt Ion: 96 Resp: 97
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 295.4
 98 65.8 0.0 131.8

Manual Integrations
 APPROVED

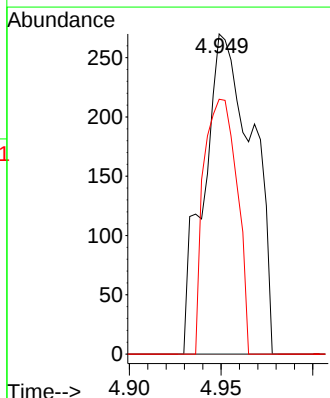
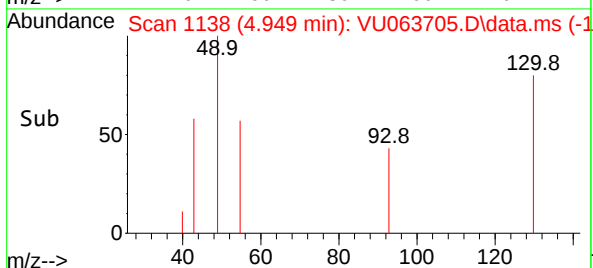
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

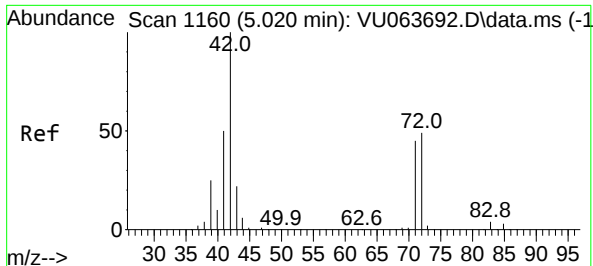


#28
 Bromochloromethane
 Concen: 0.347 ug/l
 RT: 4.949 min Scan# 1138
 Delta R.T. 0.013 min
 Lab File: VU063705.D
 Acq: 11 Nov 2025 14:55



Tgt Ion: 49 Resp: 498
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 54.0 65.1 97.7#





#29

Tetrahydrofuran

Concen: 2.330 ug/l

RT: 5.045 min Scan# 1168

Delta R.T. 0.025 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

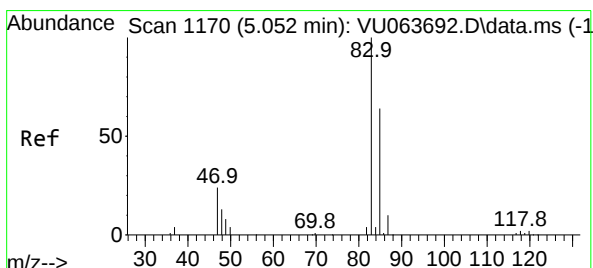
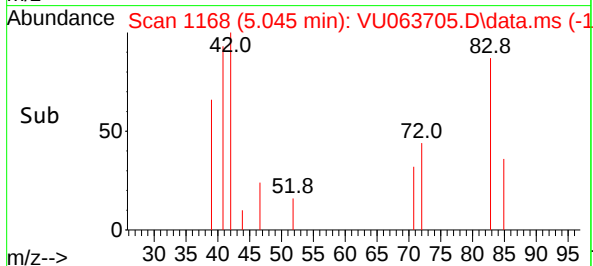
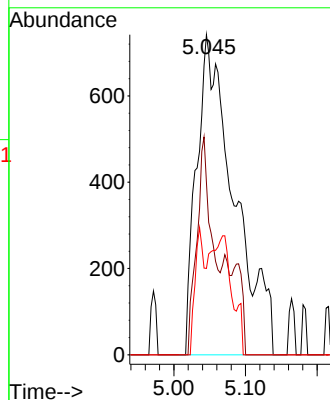
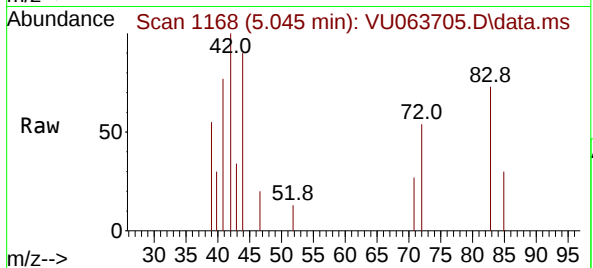
Tgt Ion:	42	Resp:	268
Ion Ratio	Lower	Upper	
42	100		
72	28.2	40.0	60.0
71	10.5	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#30

Chloroform

Concen: 0.514 ug/l

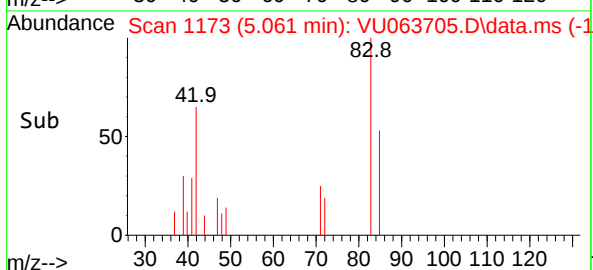
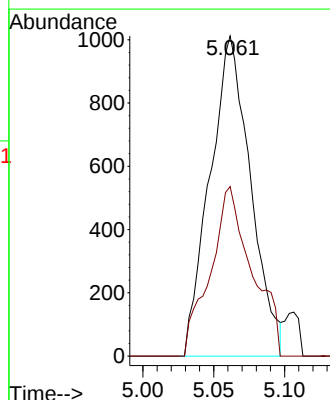
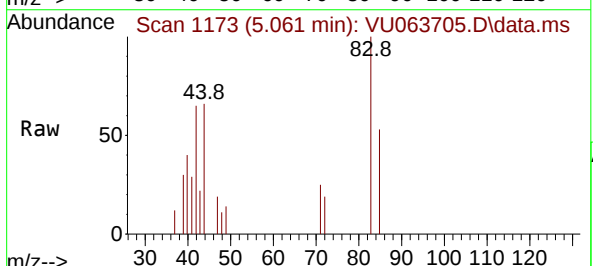
RT: 5.061 min Scan# 1173

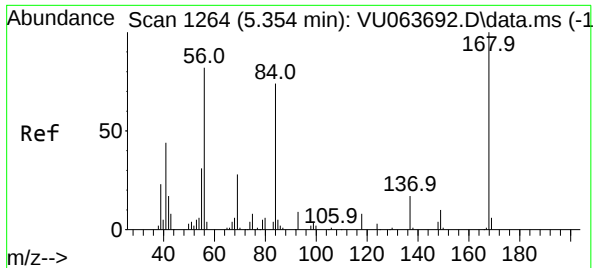
Delta R.T. 0.009 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

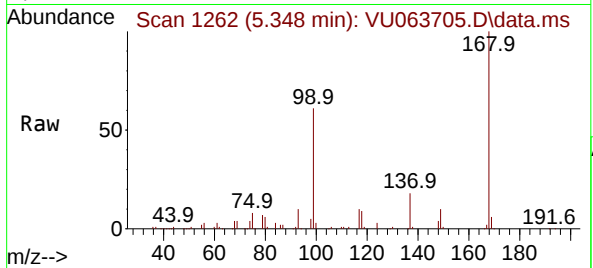
Tgt Ion:	83	Resp:	2020
Ion Ratio	Lower	Upper	
83	100		
85	53.0	51.0	76.6





#31
Cyclohexane
Concen: 2.167 ug/l
RT: 5.348 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

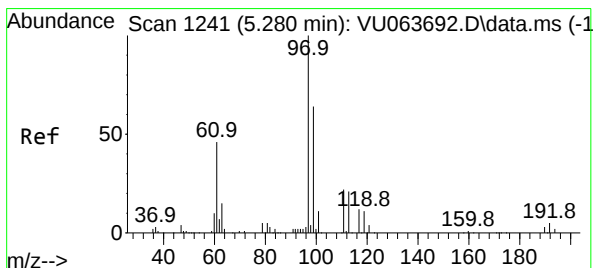
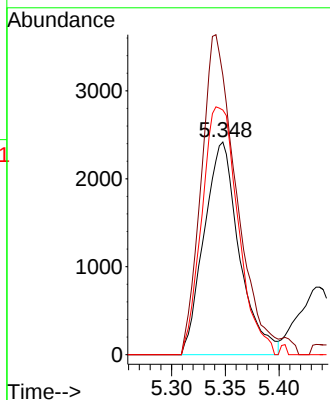
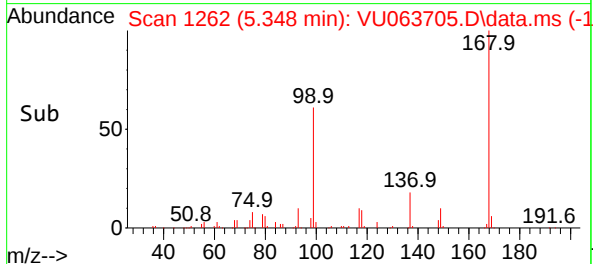
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 549
Ion Ratio Lower Upper
56 100
69 131.4 27.0 40.6
84 115.1 71.8 107.6

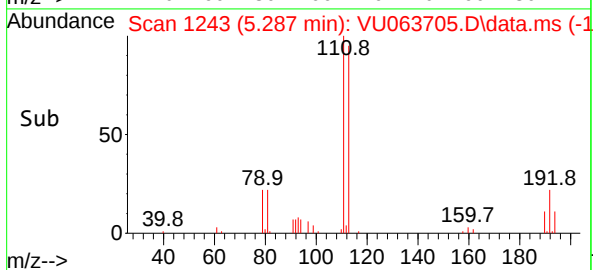
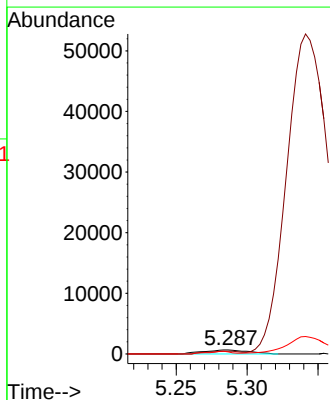
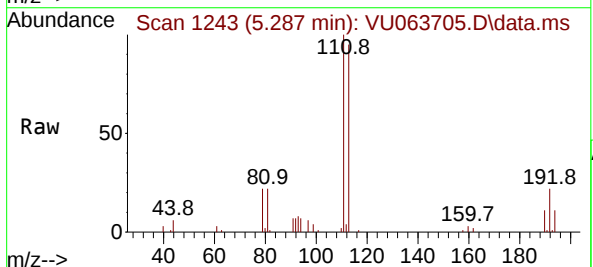
Manual Integrations
APPROVED

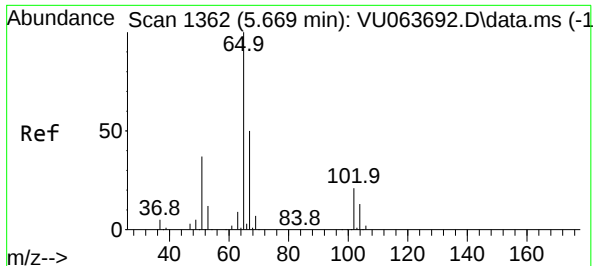
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
1,1,1-Trichloroethane
Concen: 0.454 ug/l
RT: 5.287 min Scan# 1243
Delta R.T. 0.007 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 97 Resp: 1465
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.8#
61 35.4 36.6 55.0#





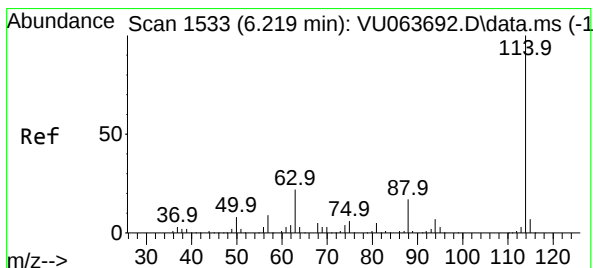
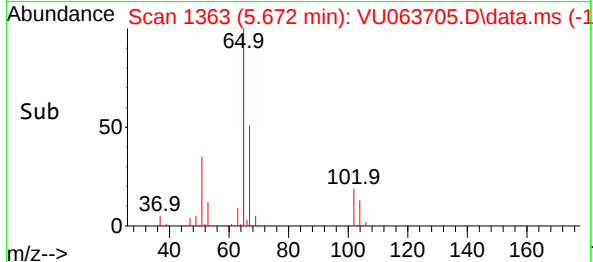
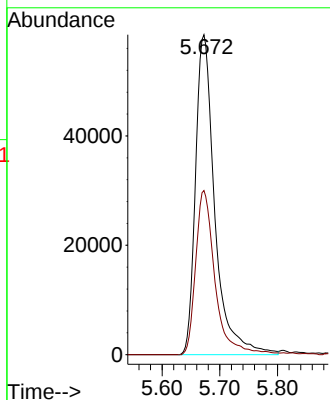
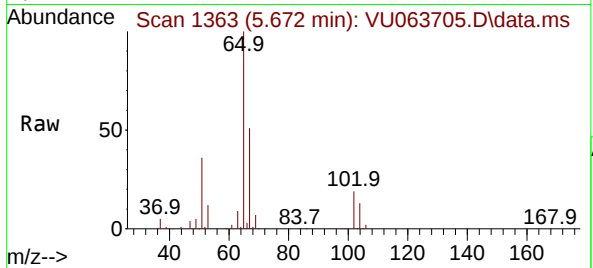
#33
1,2-Dichloroethane-d4
Concen: 47.213 ug/l
RT: 5.672 min Scan# 1363
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 65 Resp: 135928
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8

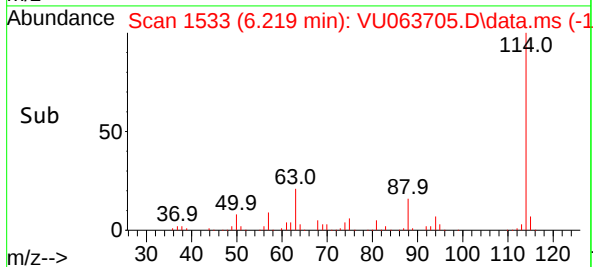
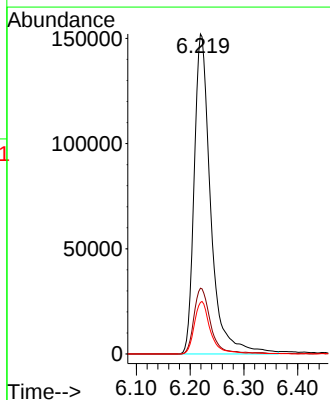
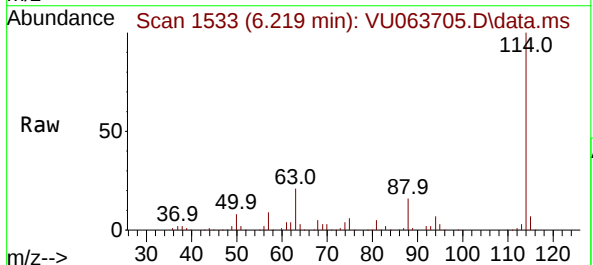
Manual Integrations
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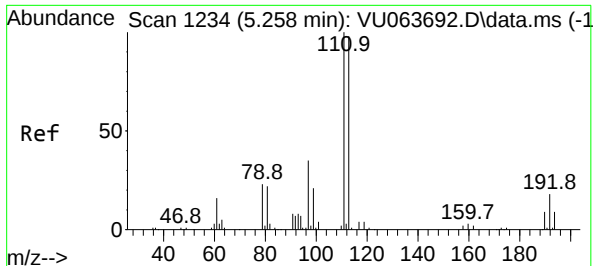
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.219 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:114 Resp: 323914
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.0
88 16.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 45.159 ug/l

RT: 5.258 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 113 Resp: 102452

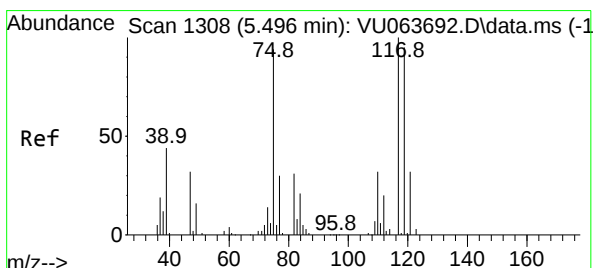
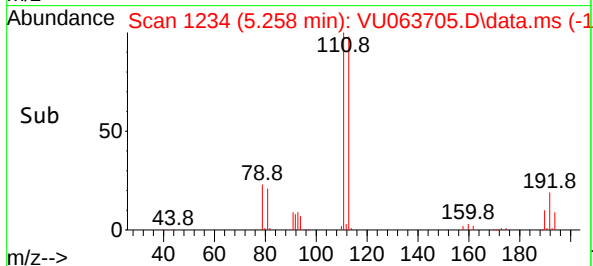
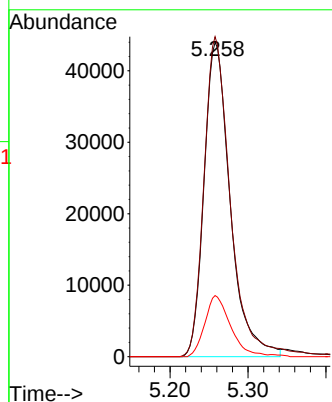
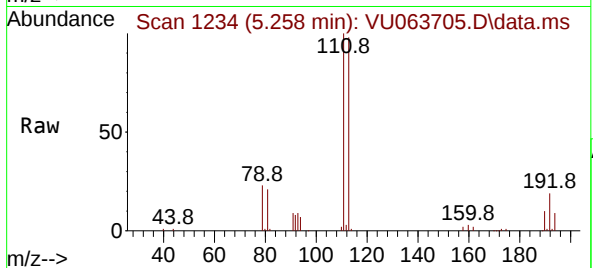
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	19.1	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#36

1,1-Dichloropropene

Concen: 0.769 ug/l m

RT: 5.499 min Scan# 1309

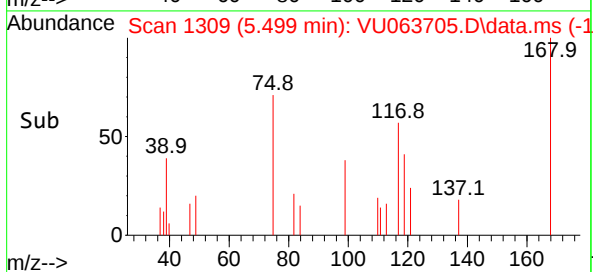
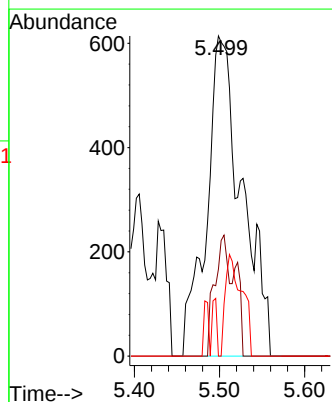
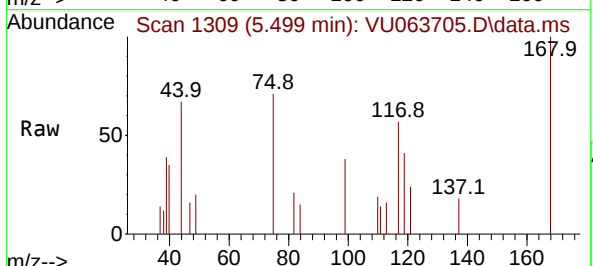
Delta R.T. 0.003 min

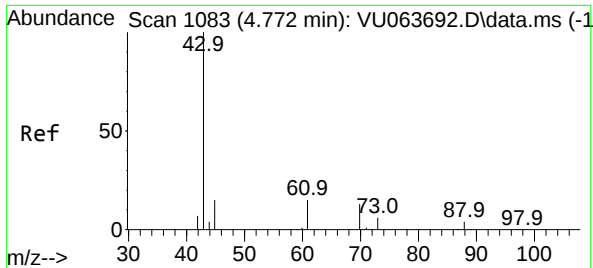
Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Tgt Ion: 75 Resp: 1776

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.3	51.7#
77	2.4	24.4	36.6#





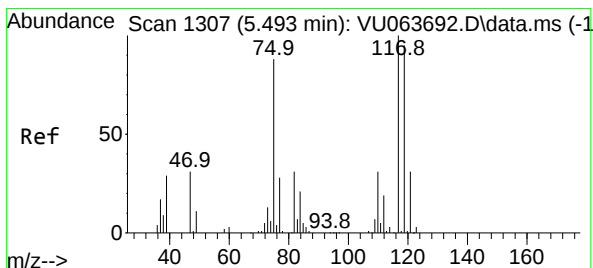
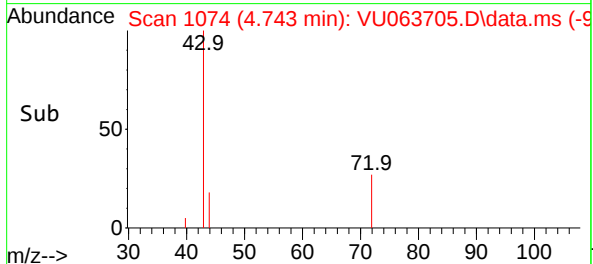
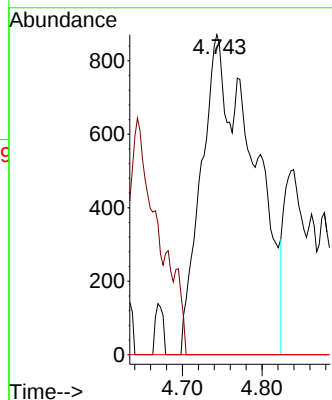
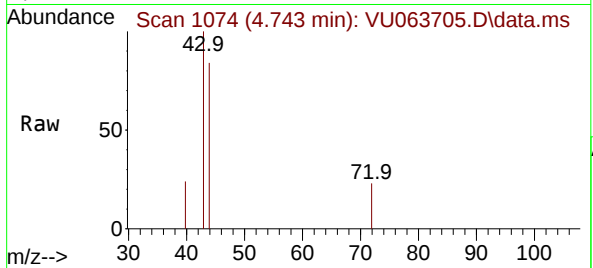
#37
Ethyl Acetate
Concen: 1.209 ug/l m
RT: 4.743 min Scan# 1074
Delta R.T. -0.029 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 43 Resp: 3954
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5
70 0.0 8.9 13.3

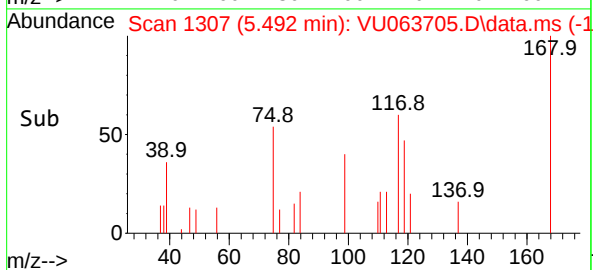
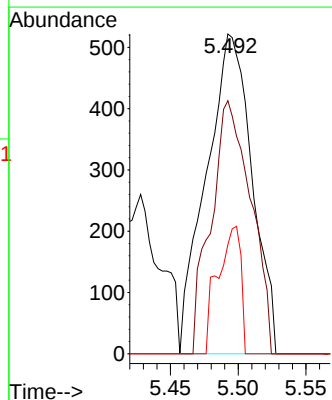
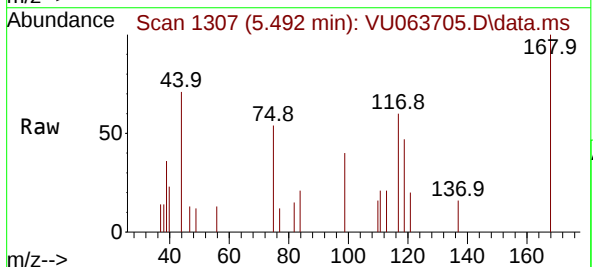
Manual Integrations
APPROVED

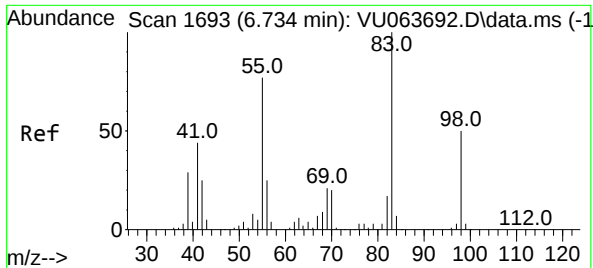
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#38
Carbon Tetrachloride
Concen: 0.492 ug/l
RT: 5.492 min Scan# 1307
Delta R.T. -0.001 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

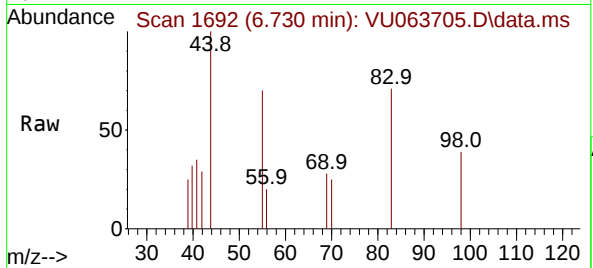
Tgt Ion:117 Resp: 1229
Ion Ratio Lower Upper
117 100
119 79.1 76.1 114.1
121 34.1 24.6 37.0





#39
Methylcyclohexane
Concen: 0.458 ug/l
RT: 6.730 min Scan# 1693
Delta R.T. -0.004 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

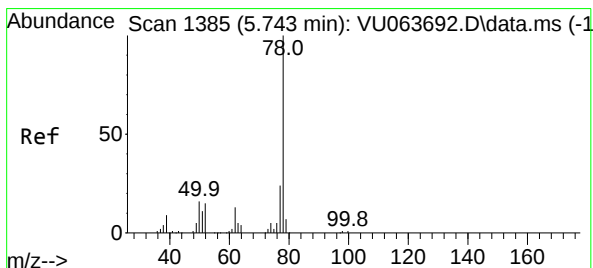
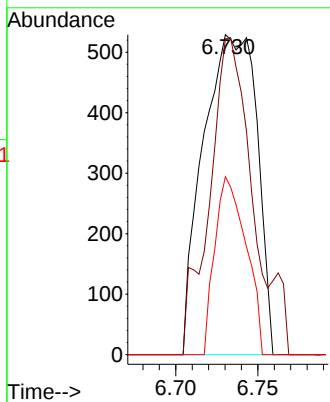
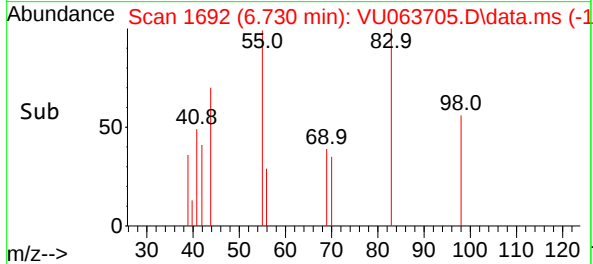
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 83 Resp: 120
Ion Ratio Lower Upper
83 100
55 98.7 61.6 92.4
98 55.6 40.0 60.0

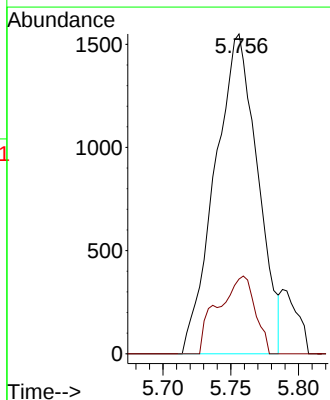
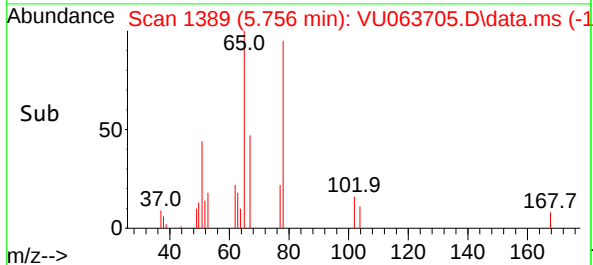
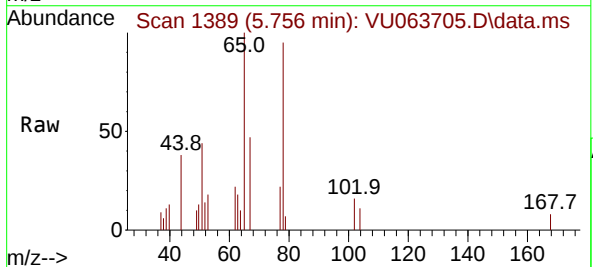
Manual Integrations
APPROVED

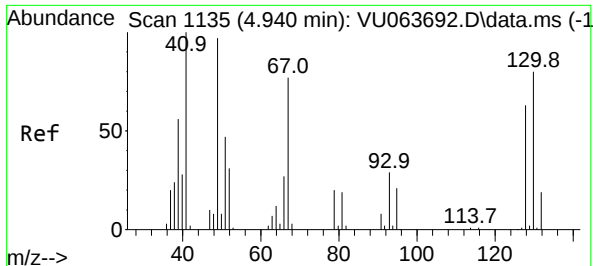
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#40
Benzene
Concen: 0.455 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. 0.013 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

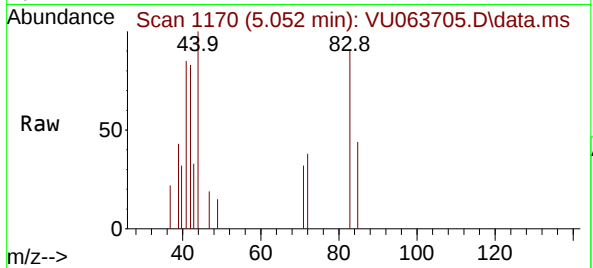
Tgt Ion: 78 Resp: 3391
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3





#41
Methacrylonitrile
Concen: 1.337 ug/l m
RT: 5.052 min Scan# 1135
Delta R.T. 0.112 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

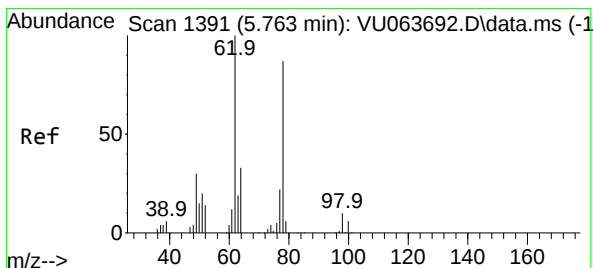
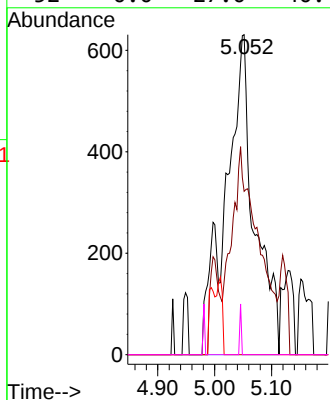
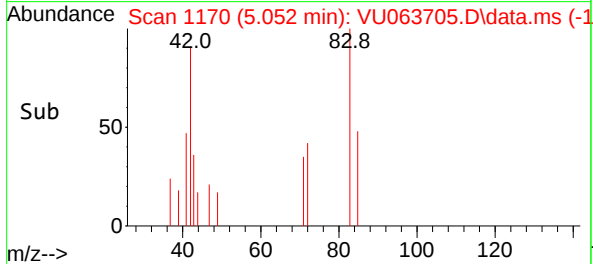
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 41 Resp: 2272
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

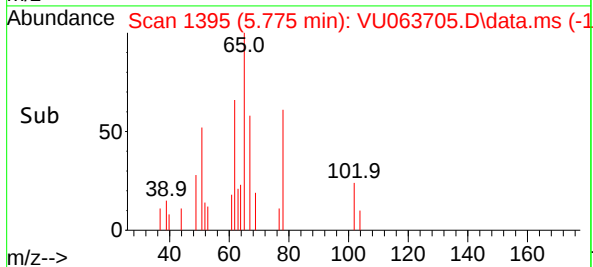
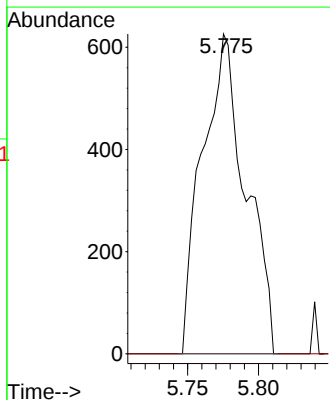
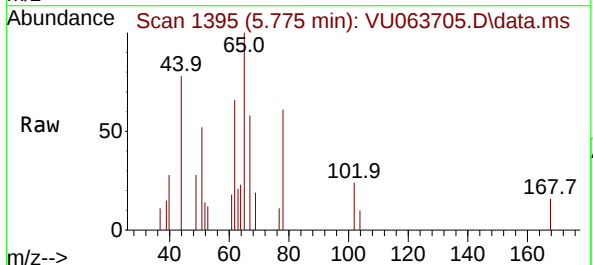
Manual Integrations
APPROVED

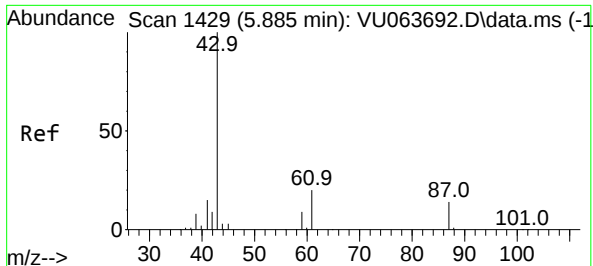
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#42
1,2-Dichloroethane
Concen: 0.454 ug/l
RT: 5.775 min Scan# 1395
Delta R.T. 0.012 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 62 Resp: 1333
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2





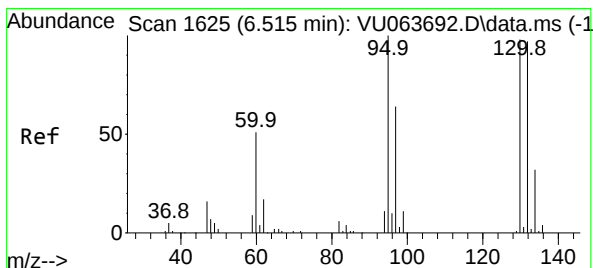
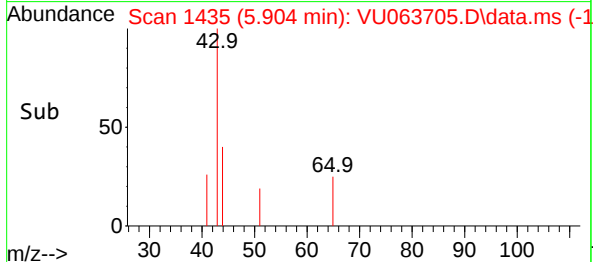
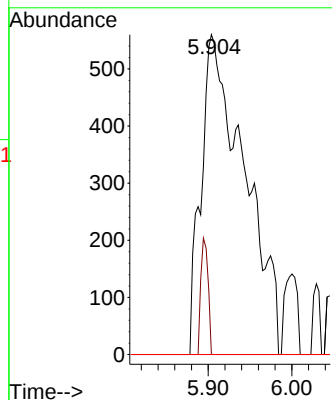
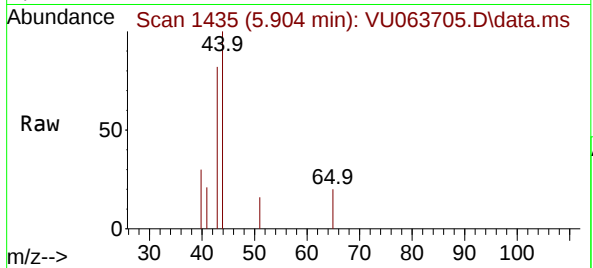
#43
Isopropyl Acetate
Concen: 0.420 ug/l m
RT: 5.904 min Scan# 1429
Delta R.T. 0.019 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
61 6.1 15.9 23.9
87 0.0 11.0 16.6

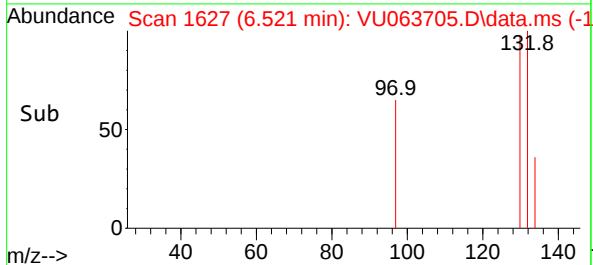
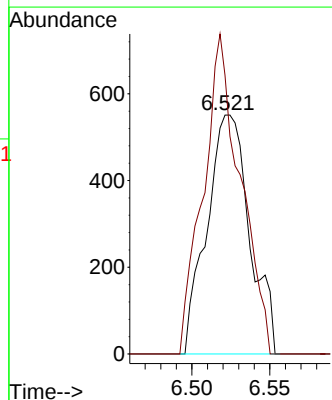
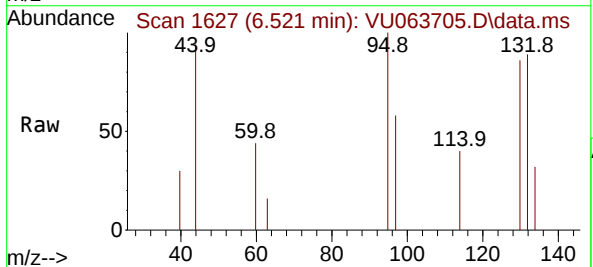
Manual Integrations
APPROVED

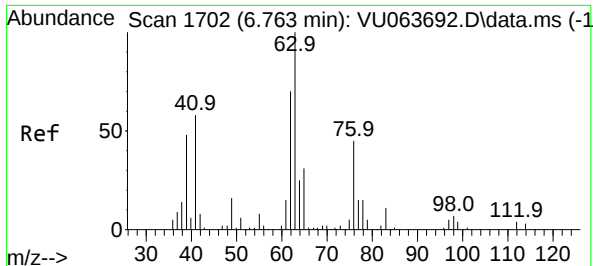
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#44
Trichloroethene
Concen: 0.504 ug/l
RT: 6.521 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:130 Resp: 1053
Ion Ratio Lower Upper
130 100
95 116.7 0.0 203.6





#45

1,2-Dichloropropane

Concen: 0.405 ug/l

RT: 6.762 min Scan# 1702

Delta R.T. -0.001 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

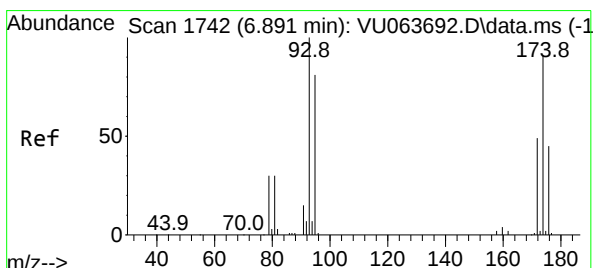
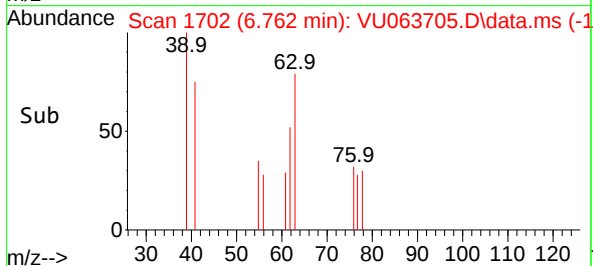
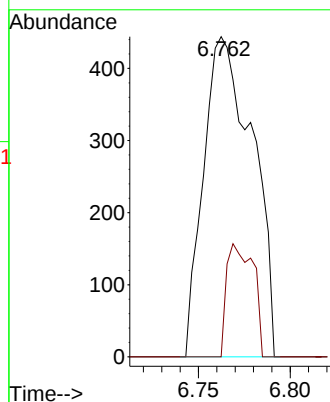
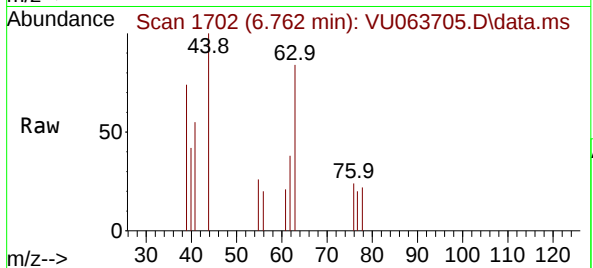
Tgt Ion: 63 Resp: 82
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#46

Dibromomethane

Concen: 0.444 ug/l

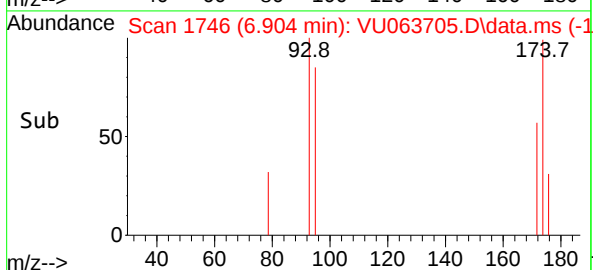
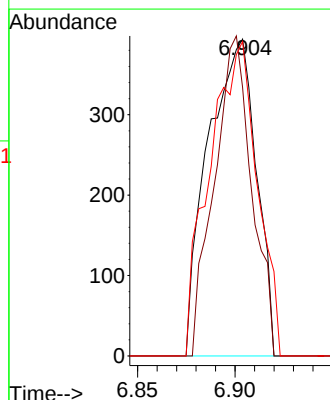
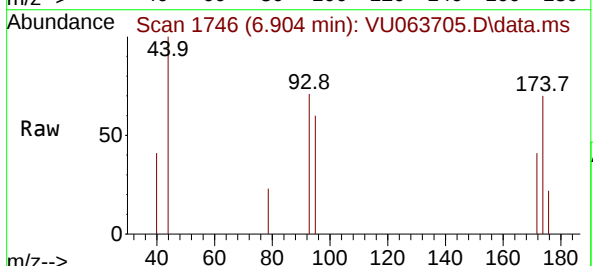
RT: 6.904 min Scan# 1746

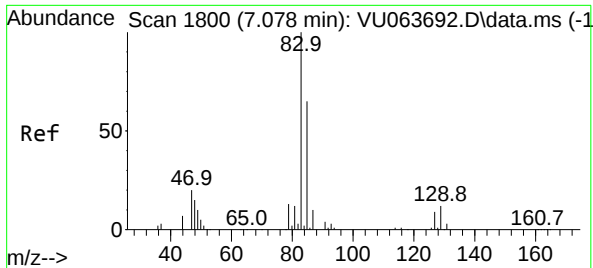
Delta R.T. 0.013 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Tgt Ion: 93 Resp: 676
 Ion Ratio Lower Upper
 93 100
 95 78.7 65.9 98.9
 174 98.5 74.9 112.3





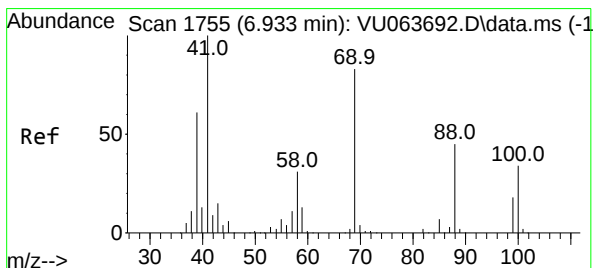
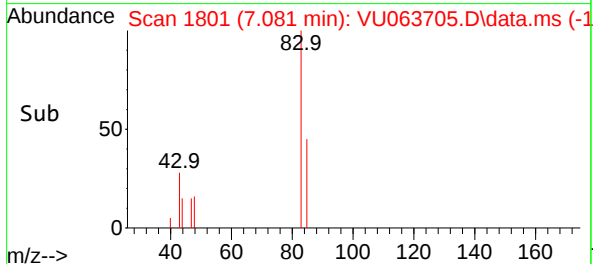
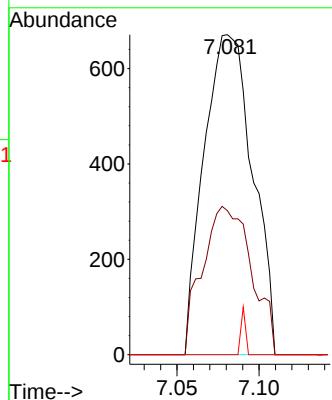
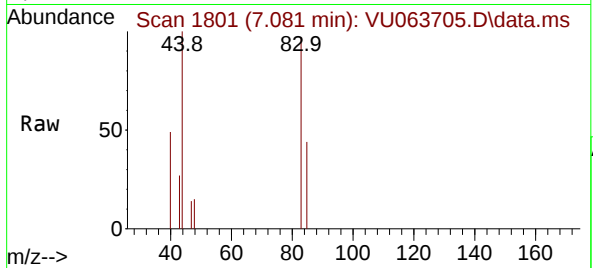
#47
Bromodichloromethane
Concen: 0.449 ug/l
RT: 7.081 min Scan# 1800
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 83 Resp: 1384
Ion Ratio Lower Upper
83 100
85 45.0 51.9 77.9#
127 0.0 6.9 10.3#

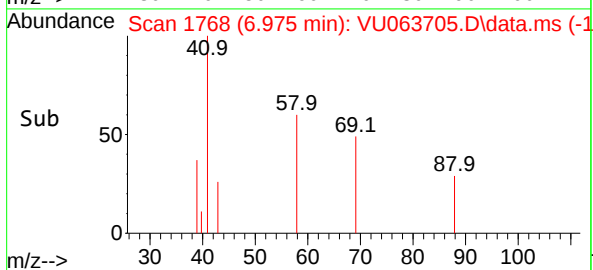
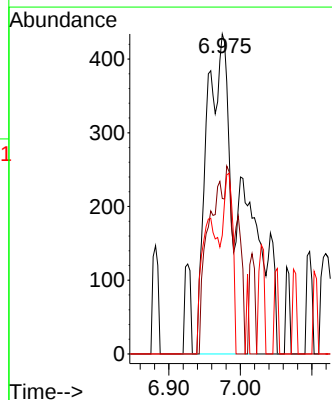
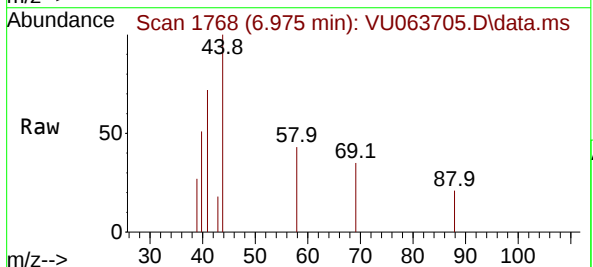
Manual Integrations
APPROVED

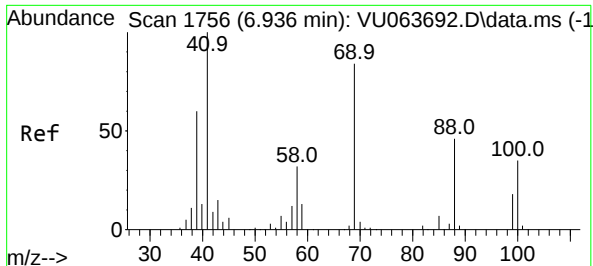
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Methyl methacrylate
Concen: 0.673 ug/l m
RT: 6.975 min Scan# 1768
Delta R.T. 0.042 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 41 Resp: 1584
Ion Ratio Lower Upper
41 100
69 0.0 72.9 109.3#
39 0.0 51.0 76.4#





#49

1,4-Dioxane

Concen: 4.830 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.029 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

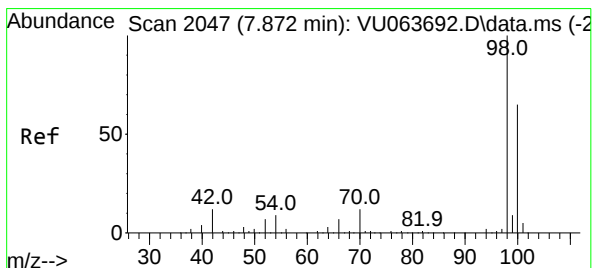
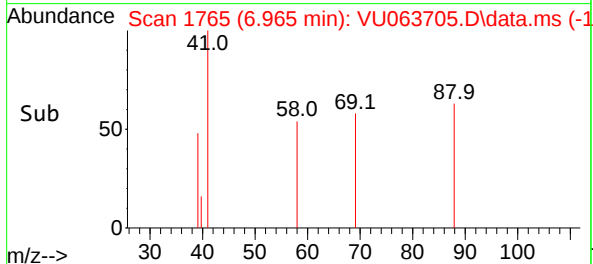
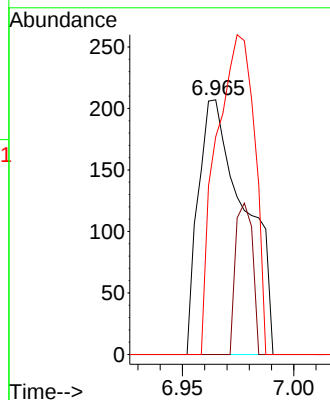
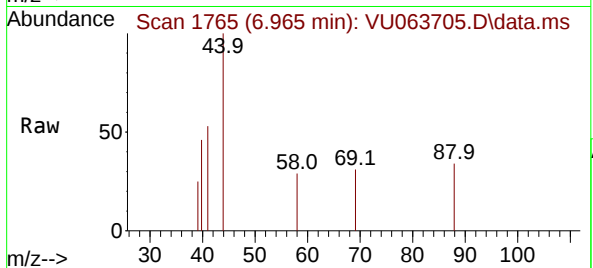
Tgt Ion: 88	Resp: 302
Ion Ratio	Lower Upper
88 100	
43 21.6	24.1 36.1
58 102.7	54.2 81.4

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#50

Toluene-d8

Concen: 45.721 ug/l

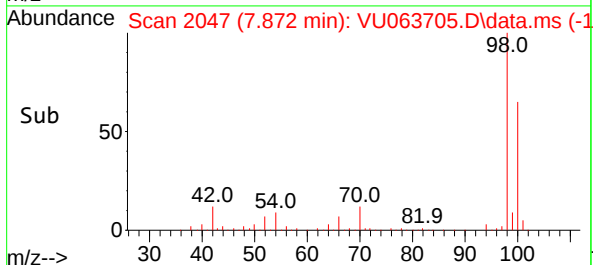
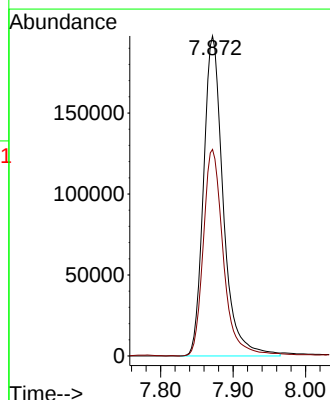
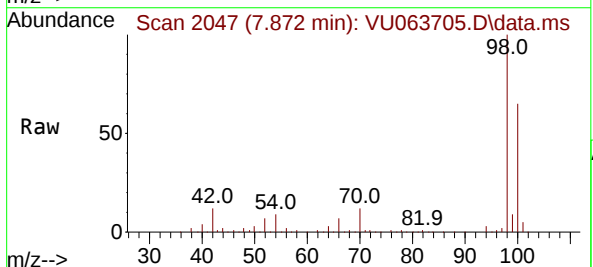
RT: 7.872 min Scan# 2047

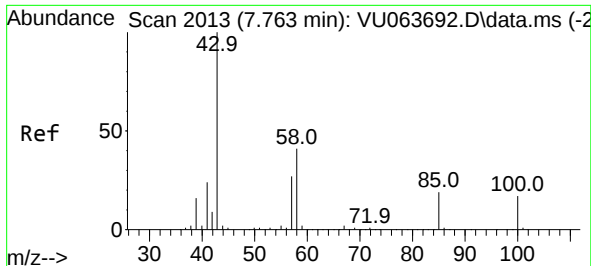
Delta R.T. -0.000 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Tgt Ion: 98	Resp: 372644
Ion Ratio	Lower Upper
98 100	
100 66.4	52.5 78.7





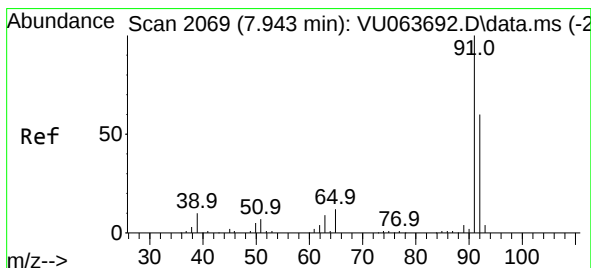
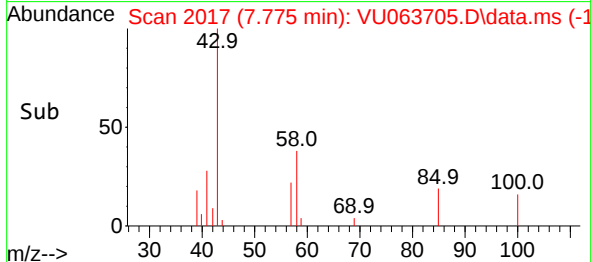
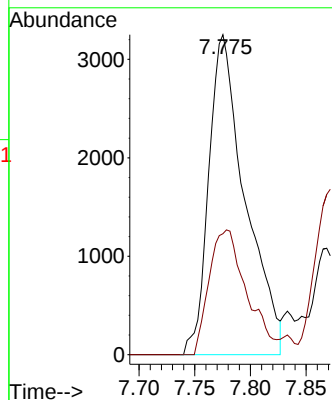
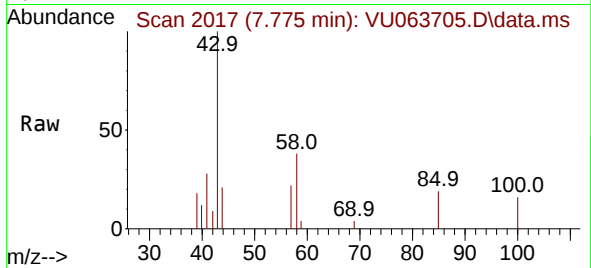
#51
4-Methyl-2-Pentanone
Concen: 2.021 ug/l
RT: 7.775 min Scan# 2017
Delta R.T. 0.012 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 40.2 32.3 48.5

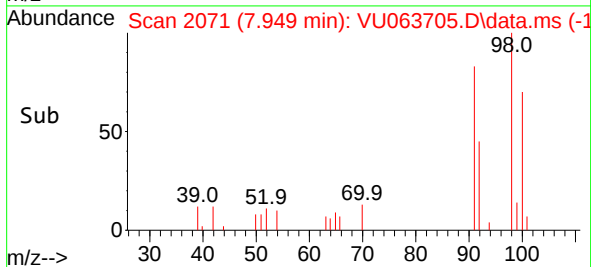
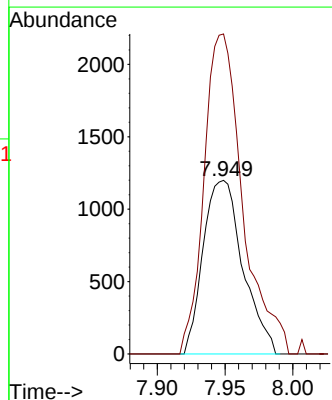
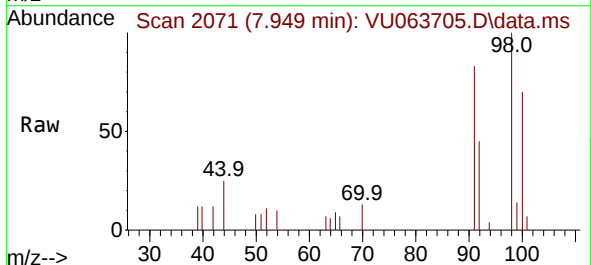
Manual Integrations
APPROVED

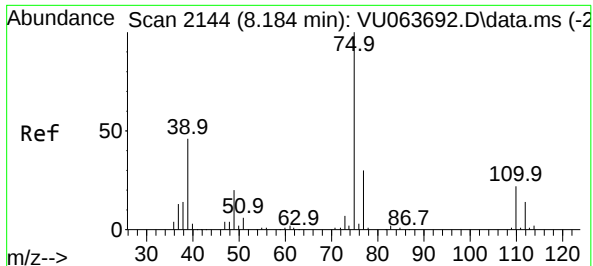
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#52
Toluene
Concen: 0.505 ug/l
RT: 7.949 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

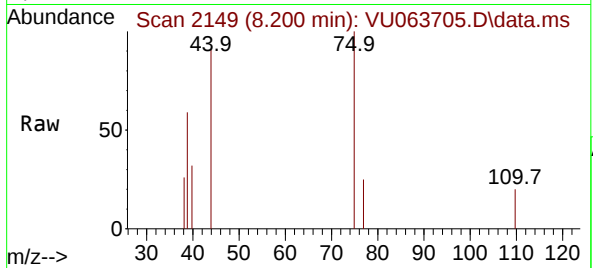
Tgt Ion: 92 Resp: 2443
Ion Ratio Lower Upper
92 100
91 179.3 136.6 204.8





#53
t-1,3-Dichloropropene
Concen: 0.424 ug/l
RT: 8.200 min Scan# 2144
Delta R.T. 0.016 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

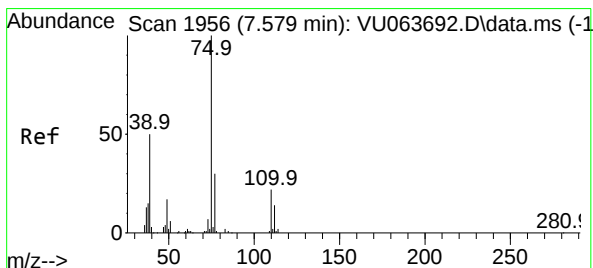
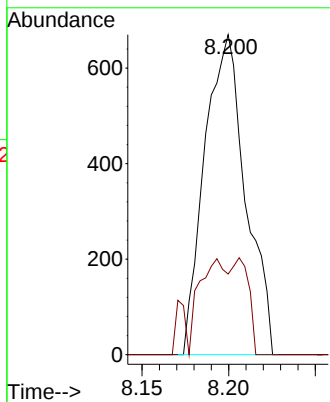
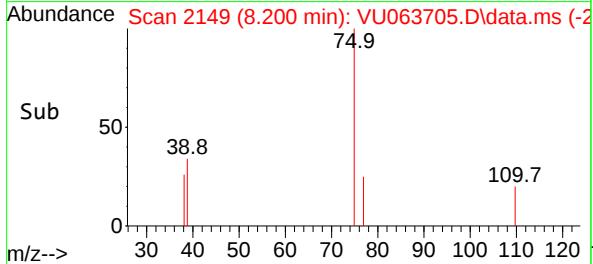
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



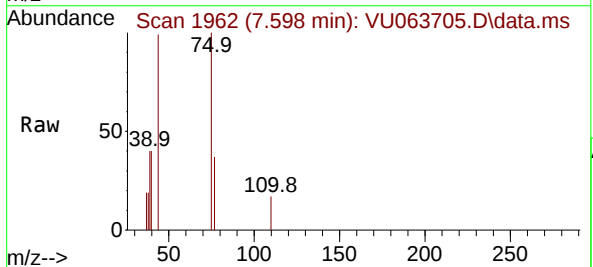
Tgt Ion: 75 Resp: 1102
Ion Ratio Lower Upper
75 100
77 25.2 24.3 36.5

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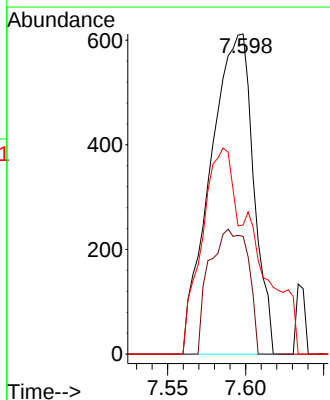
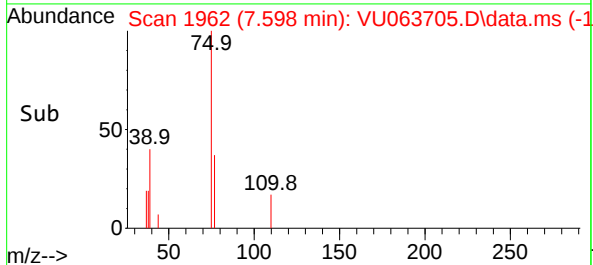
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

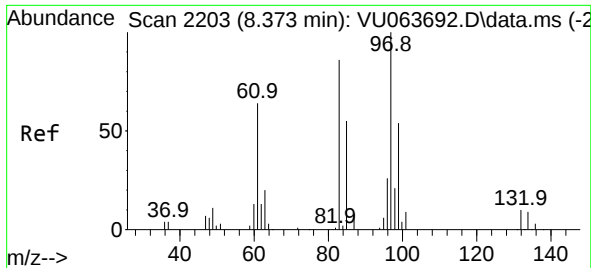


#54
cis-1,3-Dichloropropene
Concen: 0.405 ug/l
RT: 7.598 min Scan# 1962
Delta R.T. 0.019 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55



Tgt Ion: 75 Resp: 1179
Ion Ratio Lower Upper
75 100
77 36.8 24.3 36.5#
39 20.4 40.2 60.2#





#55
1,1,2-Trichloroethane
Concen: 0.470 ug/l
RT: 8.376 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

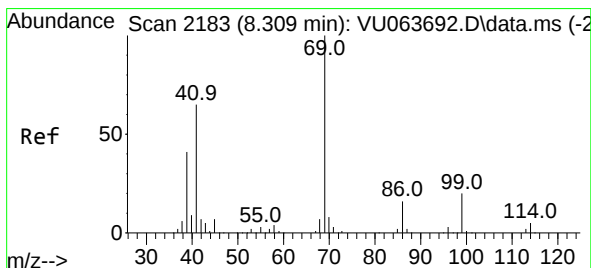
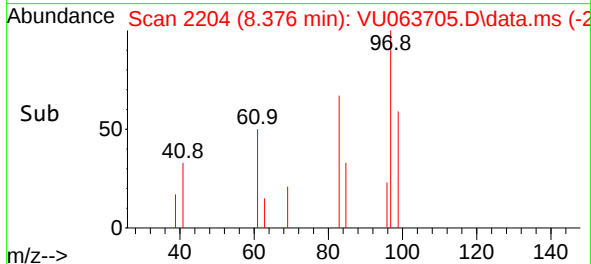
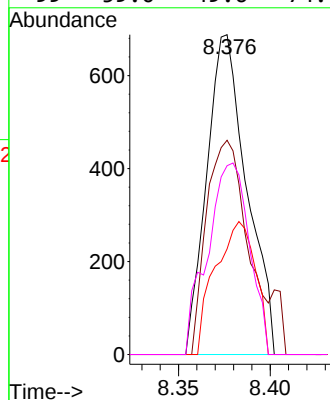
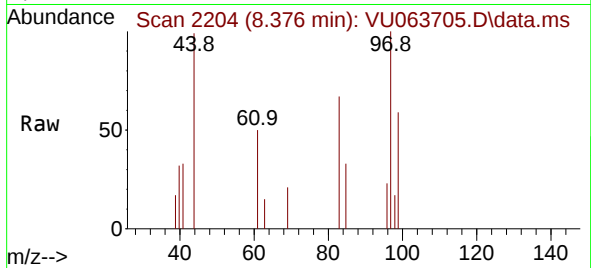
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 97 Resp: 1044

Ion	Ratio	Lower	Upper
97	100		
83	67.0	69.0	103.4
85	33.0	44.2	66.4
99	59.0	49.6	74.4

Manual Integrations
APPROVED

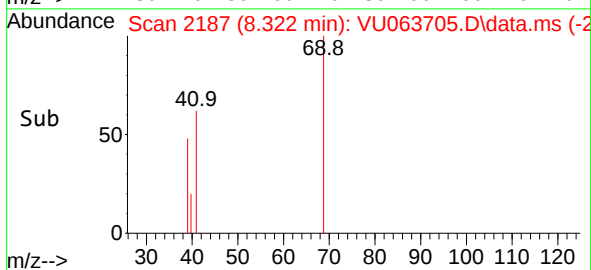
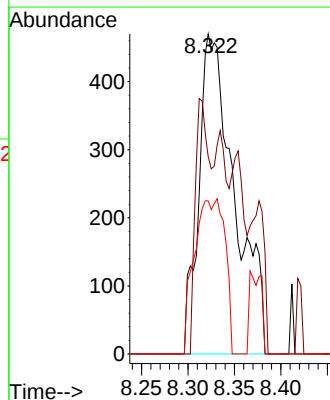
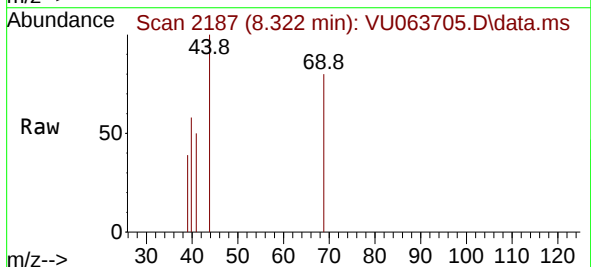
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

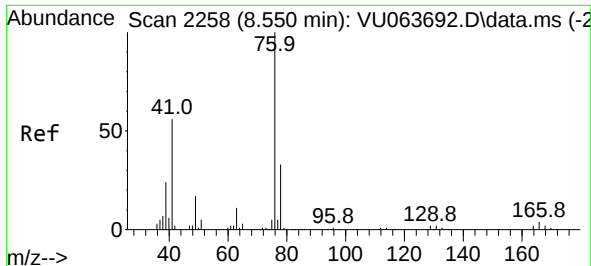


#56
Ethyl methacrylate
Concen: 0.384 ug/l m
RT: 8.322 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 69 Resp: 1256

Ion	Ratio	Lower	Upper
69	100		
41	31.8	51.4	77.2
39	24.4	32.2	48.4





#57

1,3-Dichloropropane

Concen: 0.426 ug/l

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 76 Resp: 154

Ion Ratio Lower Upper

76 100

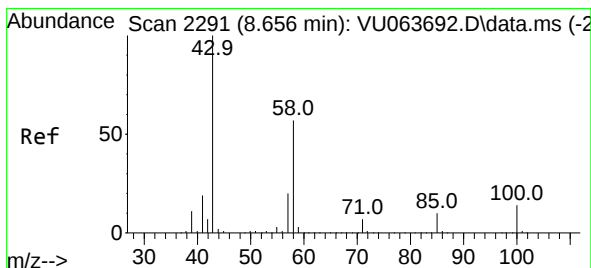
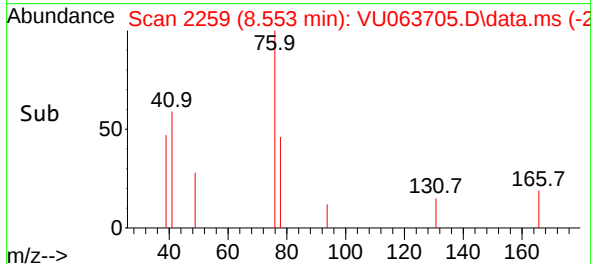
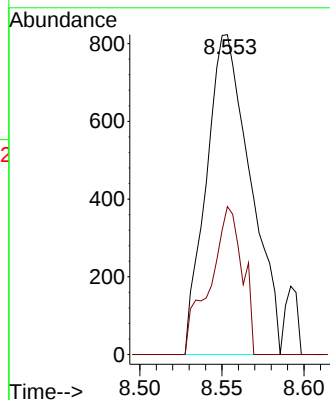
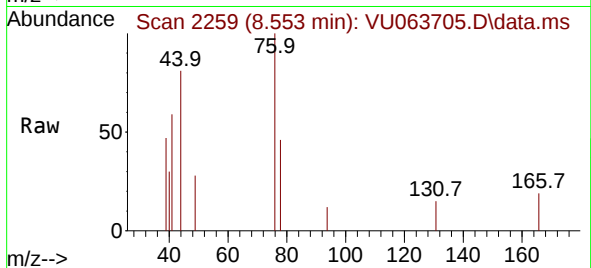
78 34.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#59

2-Hexanone

Concen: 2.014 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. 0.032 min

Lab File: VU063705.D

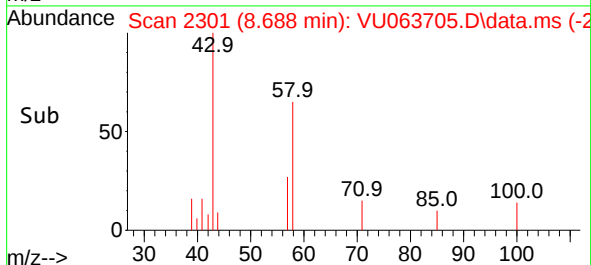
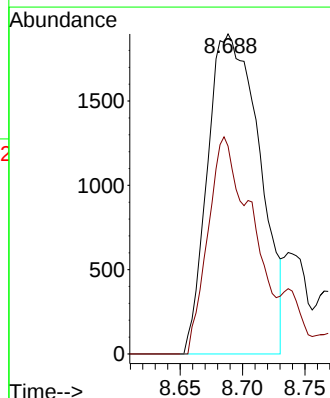
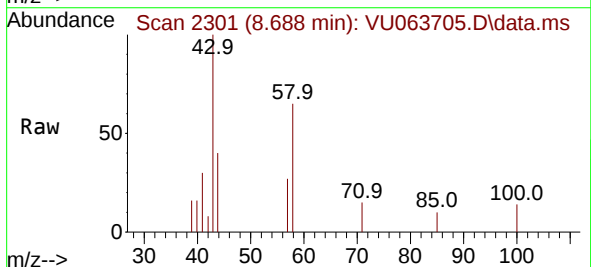
Acq: 11 Nov 2025 14:55

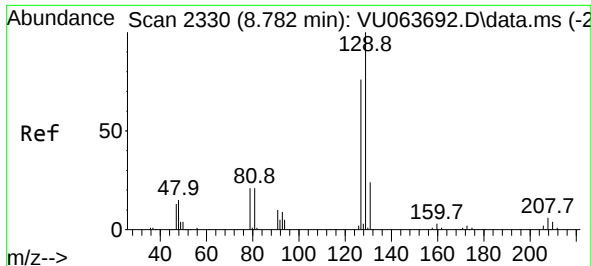
Tgt Ion: 43 Resp: 5500

Ion Ratio Lower Upper

43 100

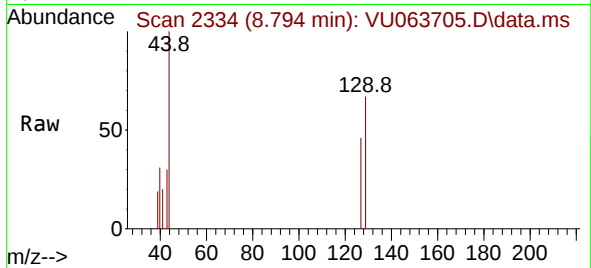
58 57.9 28.4 85.3





#60
Dibromochloromethane
Concen: 0.391 ug/l
RT: 8.794 min Scan# 2334
Delta R.T. 0.012 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

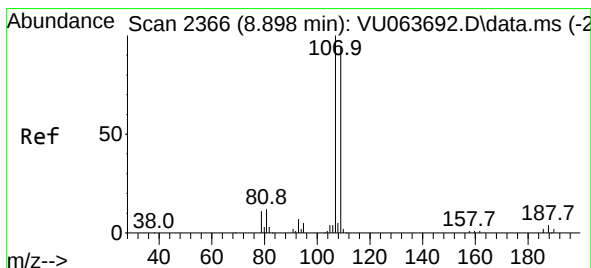
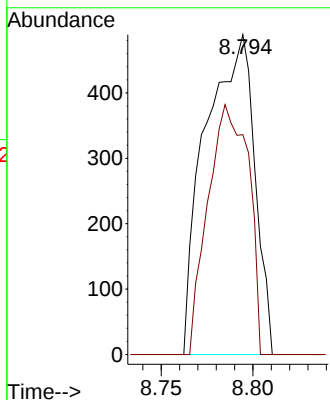
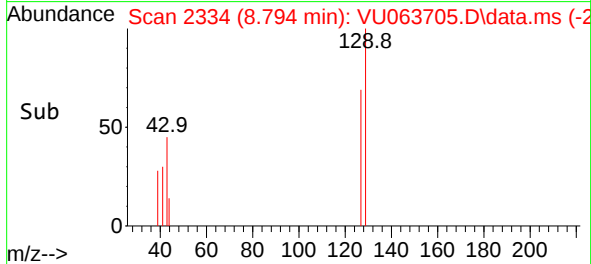
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



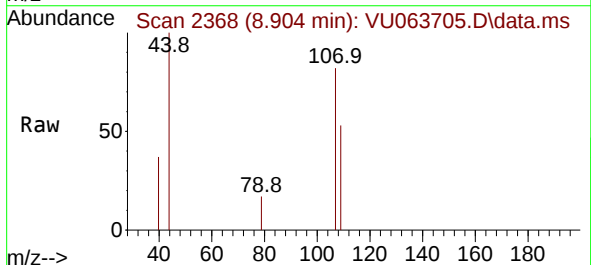
Tgt Ion:129 Resp: 908
Ion Ratio Lower Upper
129 100
127 64.8 38.2 114.6

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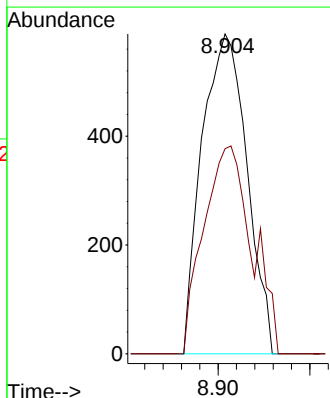
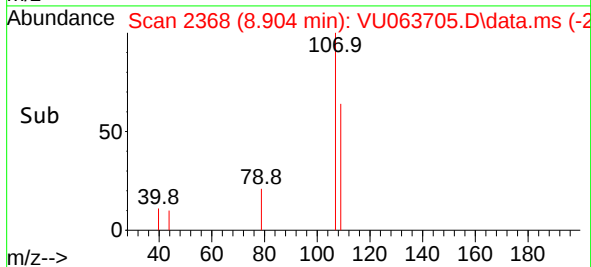
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

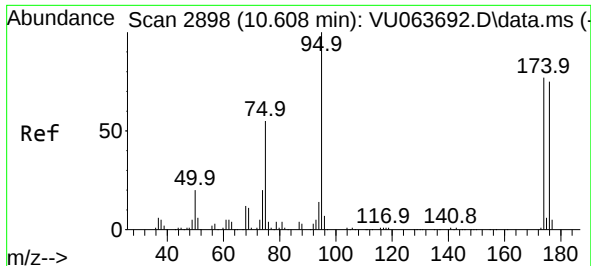


#61
1,2-Dibromoethane
Concen: 0.468 ug/l
RT: 8.904 min Scan# 2368
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55



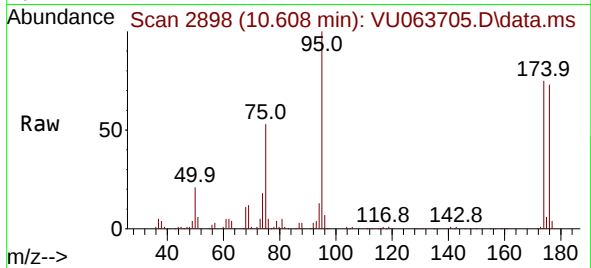
Tgt Ion:107 Resp: 1000
Ion Ratio Lower Upper
107 100
109 69.8 73.8 110.8#





#62
4-Bromofluorobenzene
Concen: 45.691 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

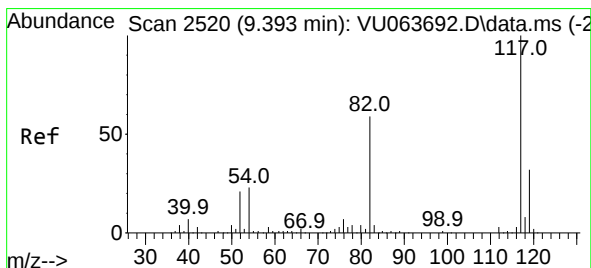
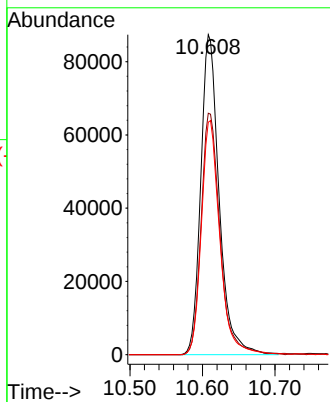
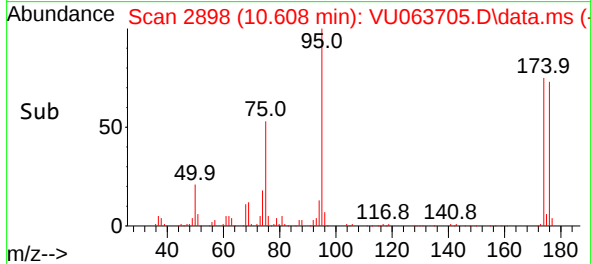
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



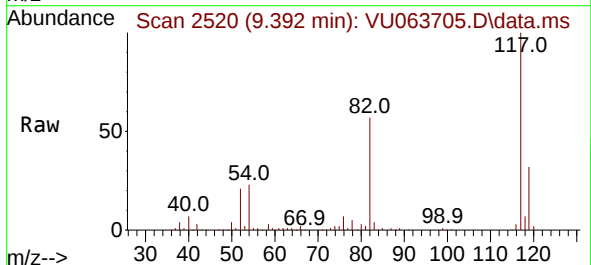
Tgt Ion: 95 Resp: 154048
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 73.7 0.0 148.4

Manual Integrations
APPROVED

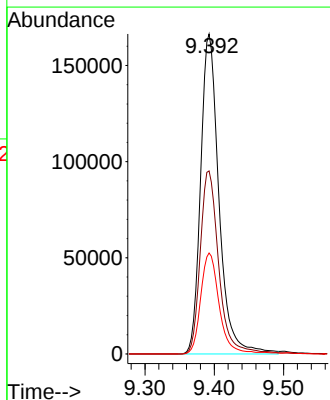
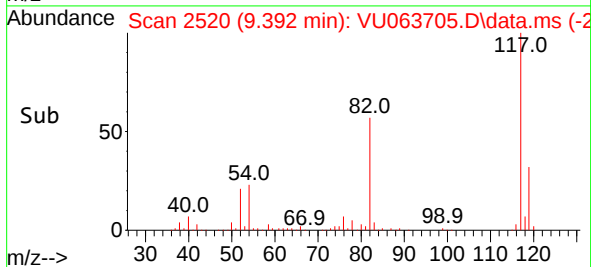
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

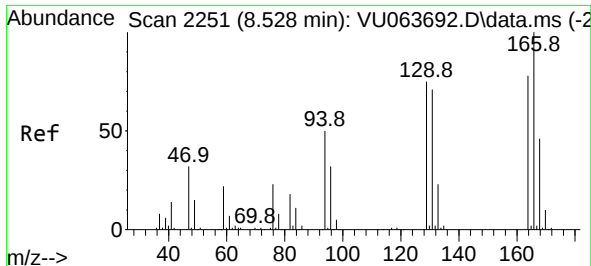


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.392 min Scan# 2520
Delta R.T. -0.001 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55



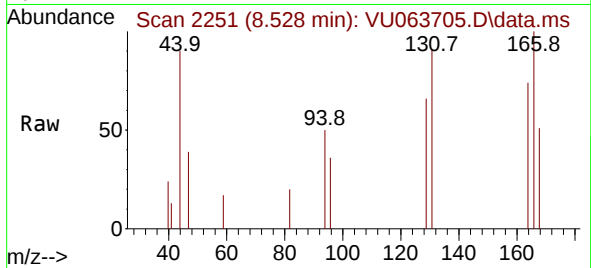
Tgt Ion:117 Resp: 305691
Ion Ratio Lower Upper
117 100
82 57.2 46.9 70.3
119 31.6 25.8 38.8





#64
Tetrachloroethene
Concen: 0.483 ug/l
RT: 8.528 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

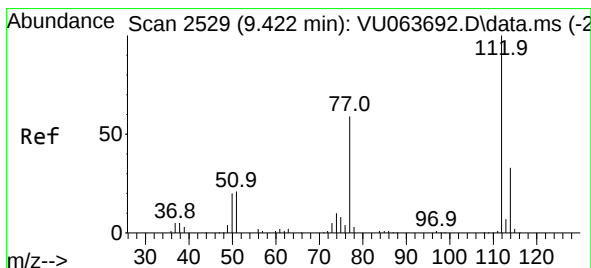
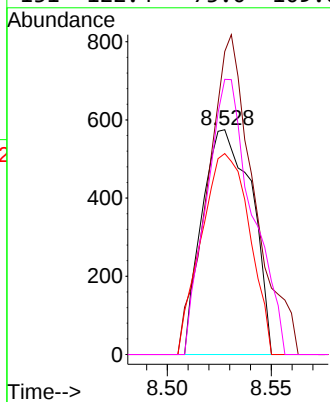
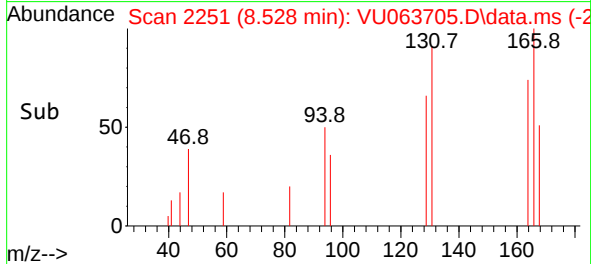
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:164 Resp: 952
Ion Ratio Lower Upper
164 100
166 134.8 102.5 153.7
129 89.4 77.1 115.7
131 122.4 73.0 109.6#

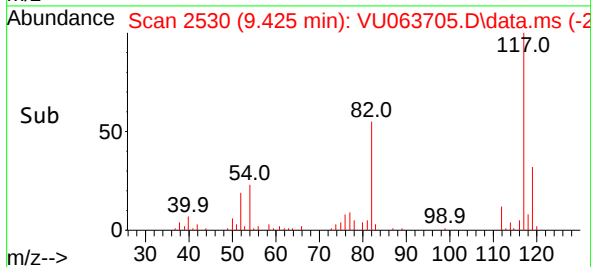
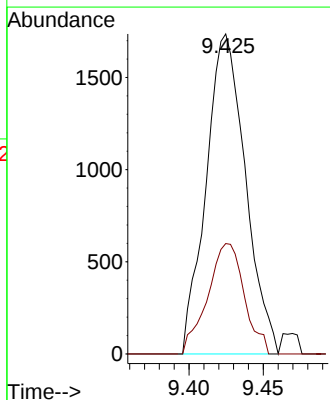
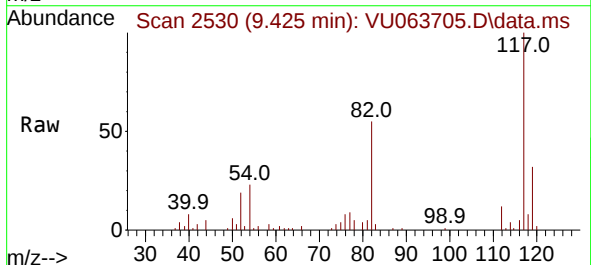
Manual Integrations
APPROVED

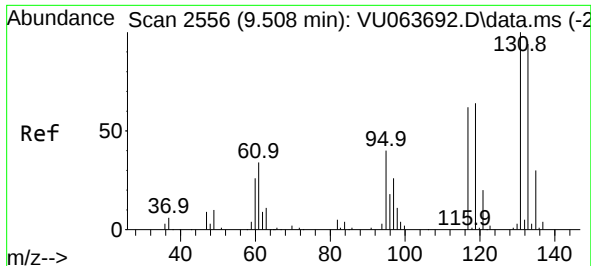
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#65
Chlorobenzene
Concen: 0.534 ug/l
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

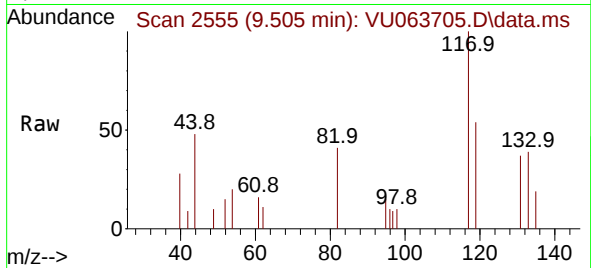
Tgt Ion:112 Resp: 3191
Ion Ratio Lower Upper
112 100
114 34.5 26.2 39.2





#66
1,1,1,2-Tetrachloroethane
Concen: 0.394 ug/l
RT: 9.505 min Scan# 2555
Delta R.T. -0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

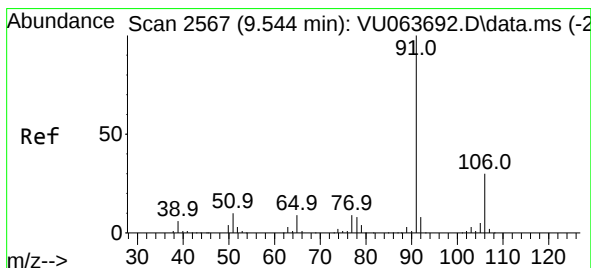
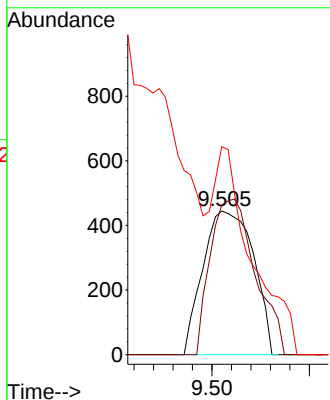
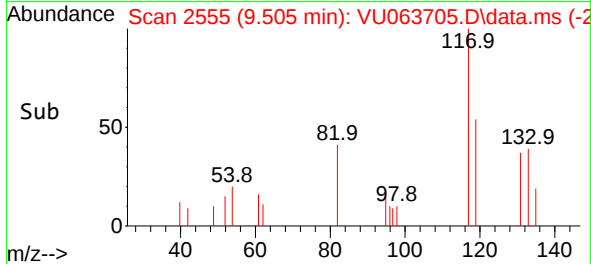
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:131 Resp: 800
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.5
119 0.0 33.3 99.8

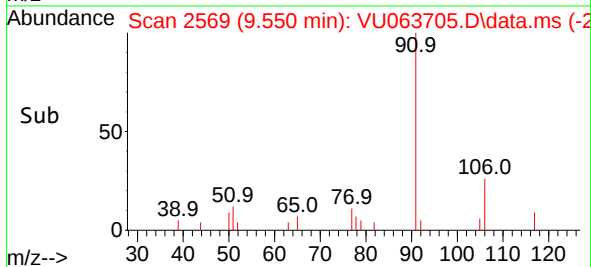
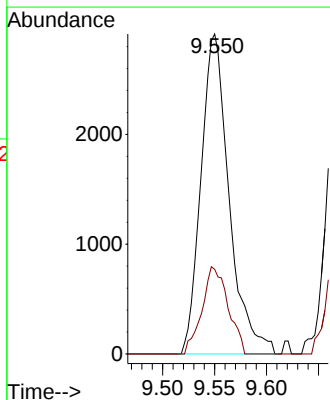
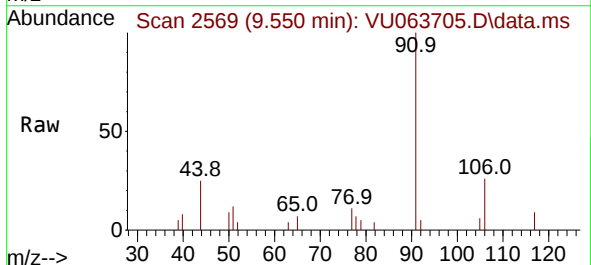
Manual Integrations
APPROVED

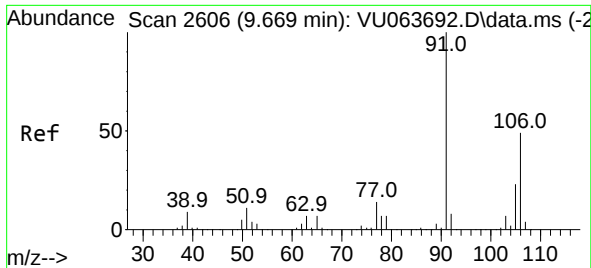
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#67
Ethyl Benzene
Concen: 0.552 ug/l
RT: 9.550 min Scan# 2569
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 91 Resp: 5491
Ion Ratio Lower Upper
91 100
106 26.5 23.8 35.8





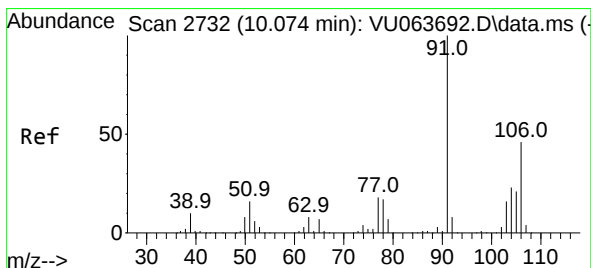
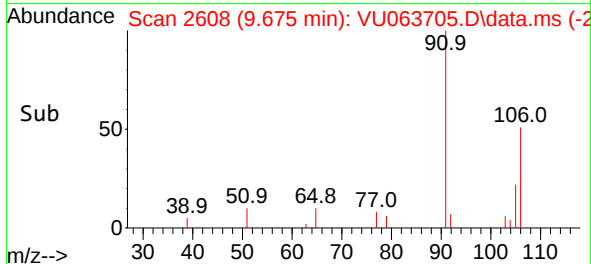
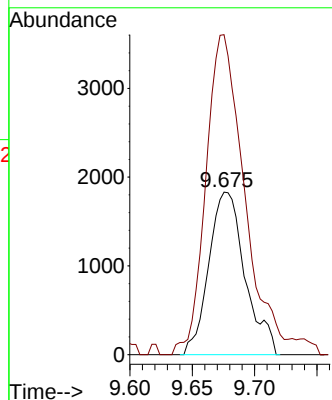
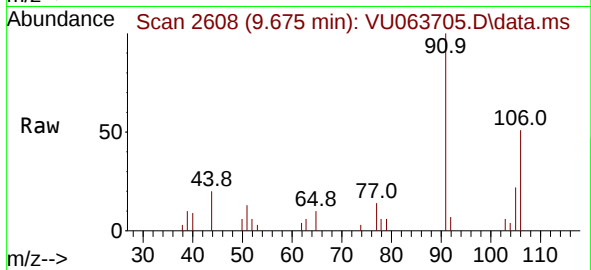
#68
m/p-Xylenes
Concen: 1.008 ug/l
RT: 9.675 min Scan# 2608
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion:106 Resp: 370
Ion Ratio Lower Upper
106 100
91 209.2 165.7 248.5

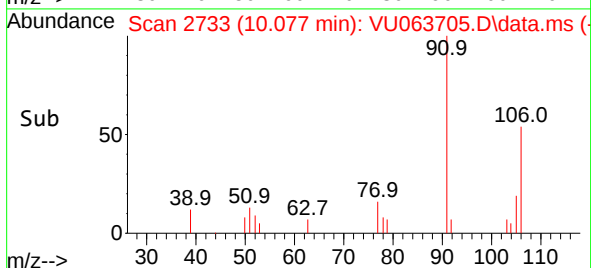
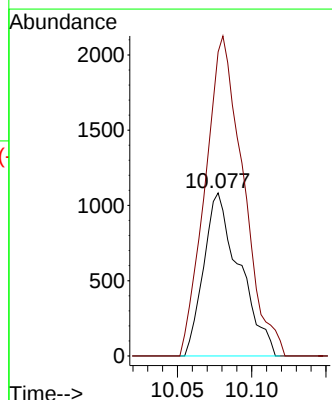
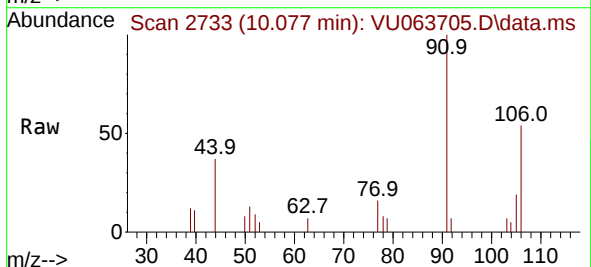
Manual Integrations
APPROVED

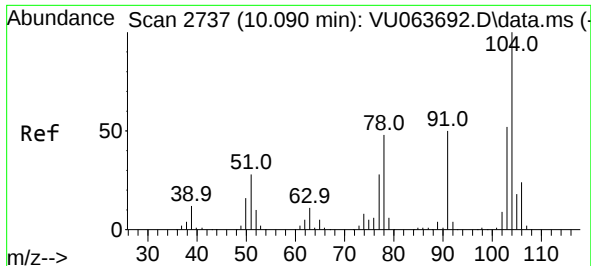
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#69
o-Xylene
Concen: 0.478 ug/l
RT: 10.077 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

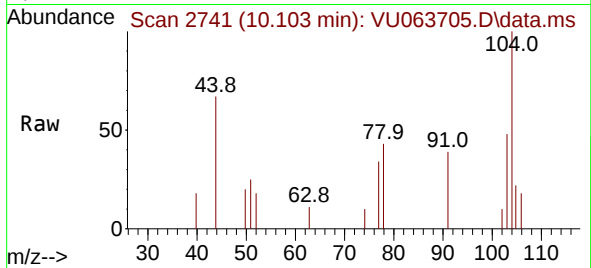
Tgt Ion:106 Resp: 1812
Ion Ratio Lower Upper
106 100
91 208.7 108.7 325.9





#70
Styrene
Concen: 0.437 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.013 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

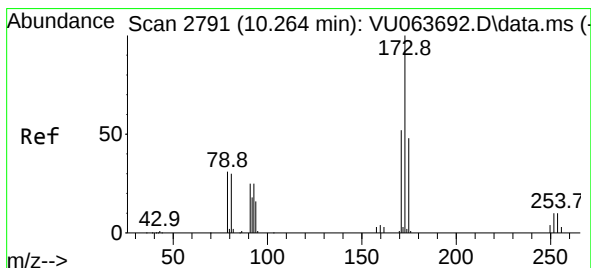
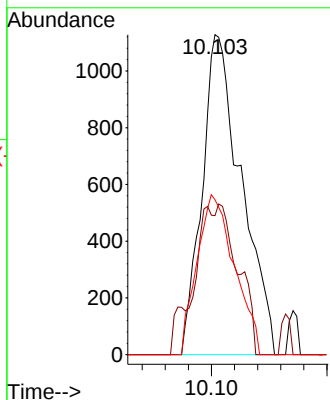
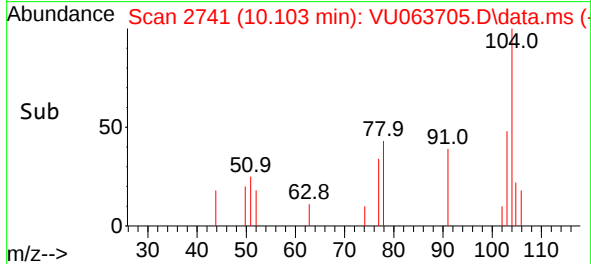
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:104 Resp: 266
Ion Ratio Lower Upper
104 100
78 26.8 42.7 64.1
103 47.7 44.0 66.0

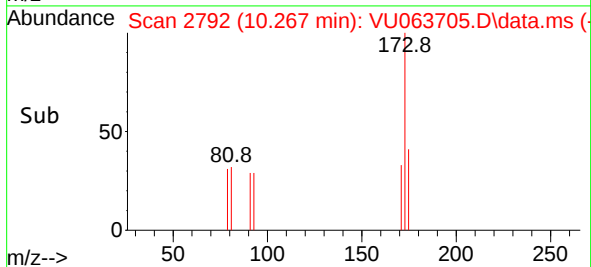
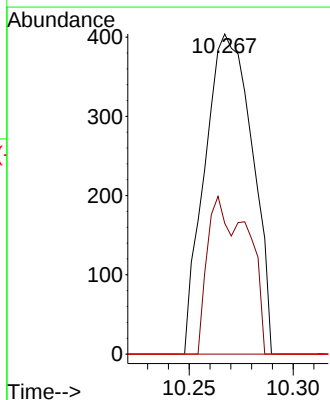
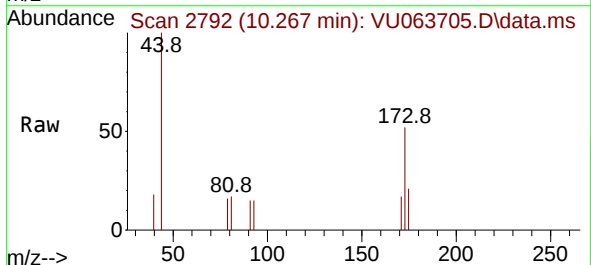
Manual Integrations
APPROVED

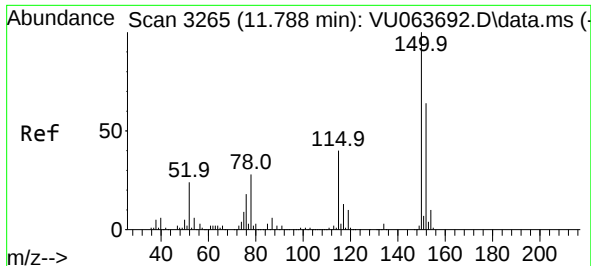
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#71
Bromoform
Concen: 0.392 ug/l
RT: 10.267 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

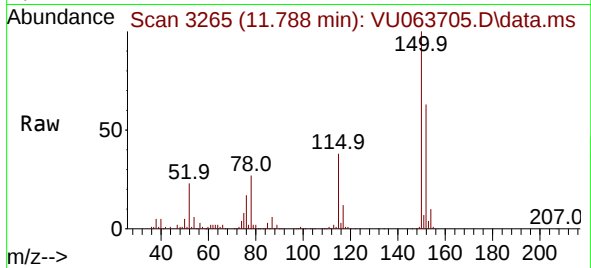
Tgt Ion:173 Resp: 642
Ion Ratio Lower Upper
173 100
175 23.7 24.1 72.2
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.788 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

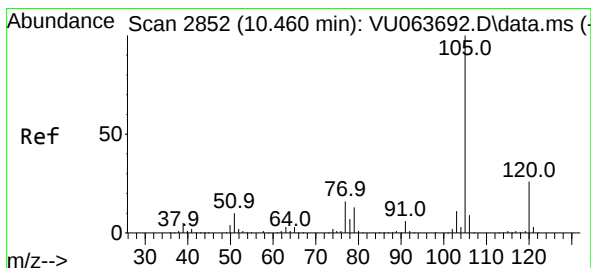
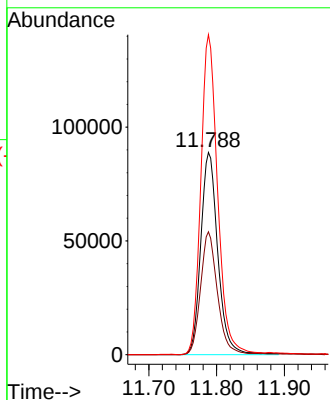
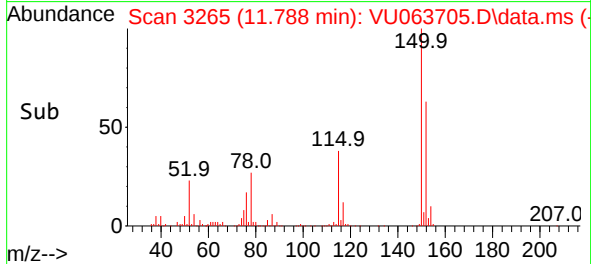
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



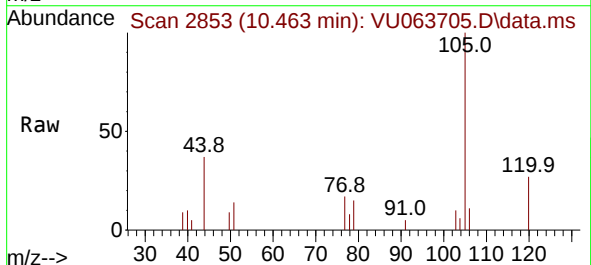
Tgt Ion:152 Resp: 15531
Ion Ratio Lower Upper
152 100
115 60.5 41.0 123.0
150 155.9 0.0 342.2

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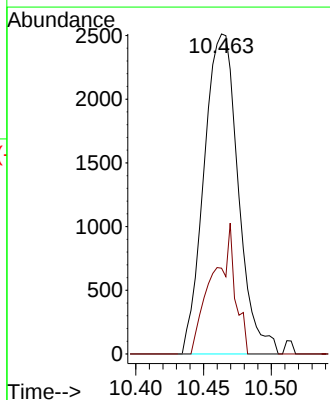
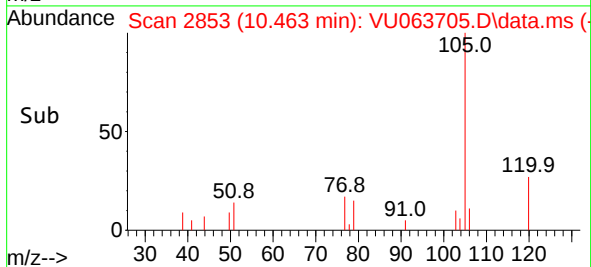
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

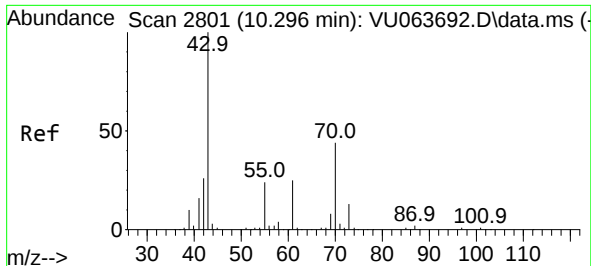


#73
Isopropylbenzene
Concen: 0.452 ug/l
RT: 10.463 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55



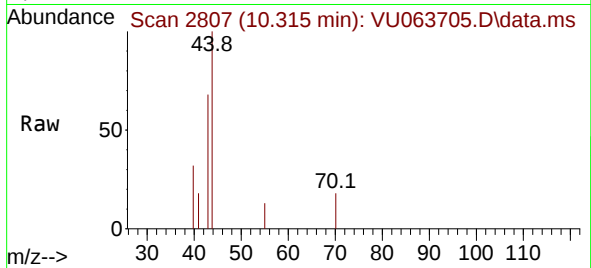
Tgt Ion:105 Resp: 4413
Ion Ratio Lower Upper
105 100
120 26.9 13.0 38.9





#74
N-amy1 acetate
Concen: 0.498 ug/l
RT: 10.315 min Scan# 2807
Delta R.T. 0.019 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

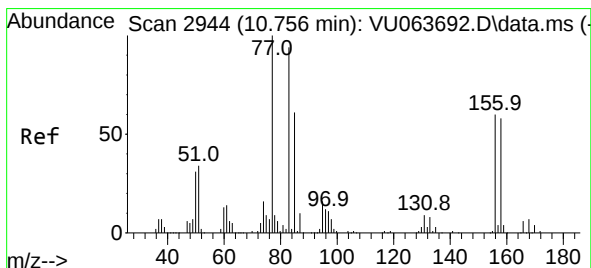
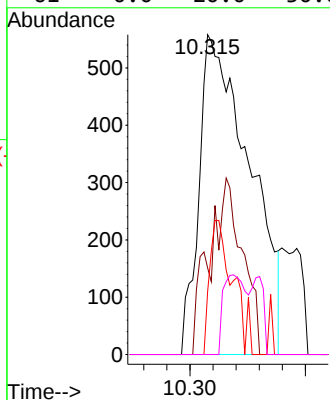
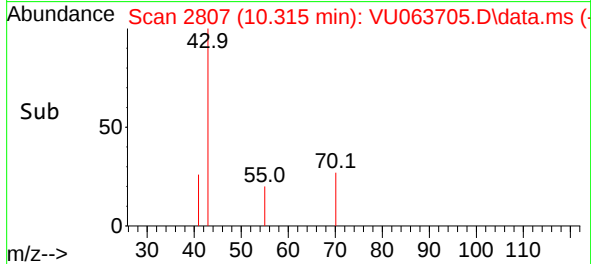
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
70 8.4 36.5 54.7
55 0.0 20.6 30.8
61 0.0 20.0 30.0#

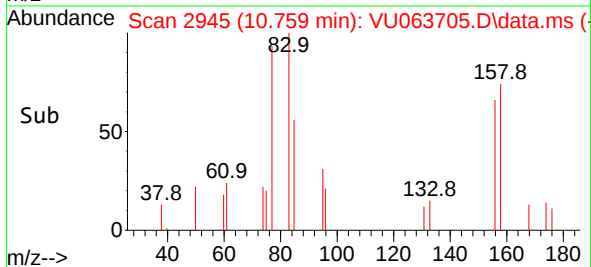
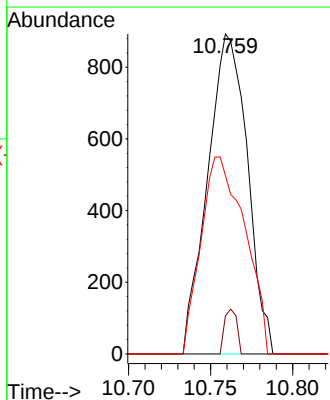
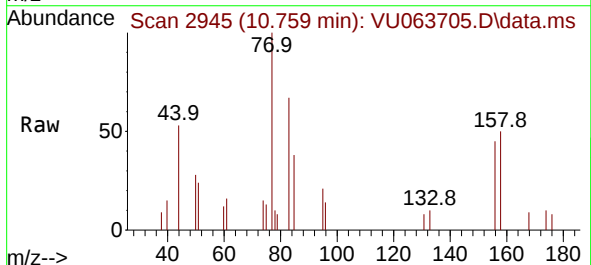
Manual Integrations
APPROVED

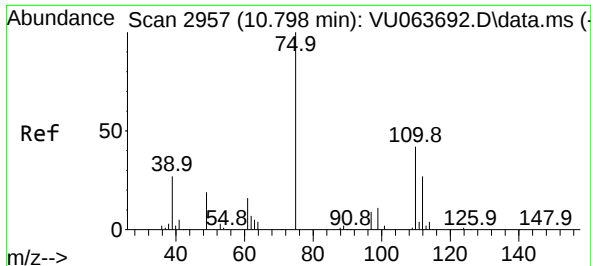
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 0.401 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion: 83 Resp: 1501
Ion Ratio Lower Upper
83 100
131 4.3 4.8 14.4#
85 68.0 31.9 95.7





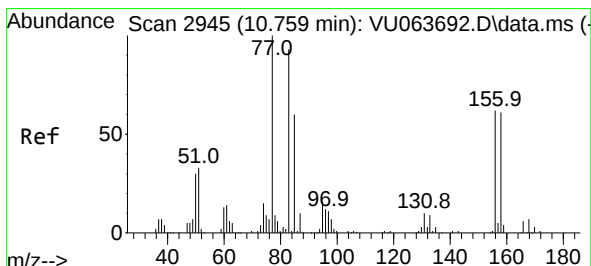
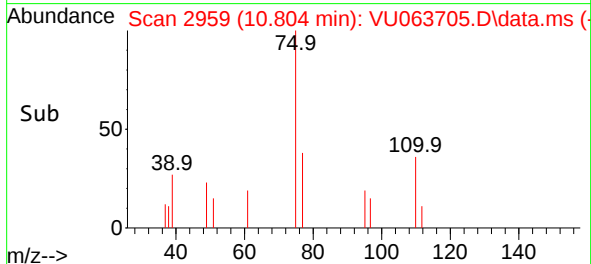
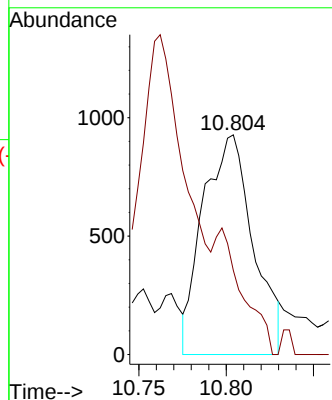
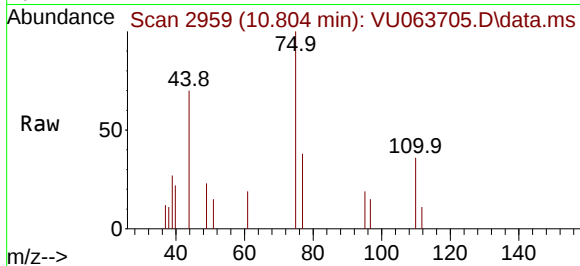
#76
1,2,3-Trichloropropane
Concen: 0.474 ug/l m
RT: 10.804 min Scan# 2957
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

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

Tgt Ion: 75 Resp: 1854
Ion Ratio Lower Upper
75 100
77 45.0 0.0 0.0

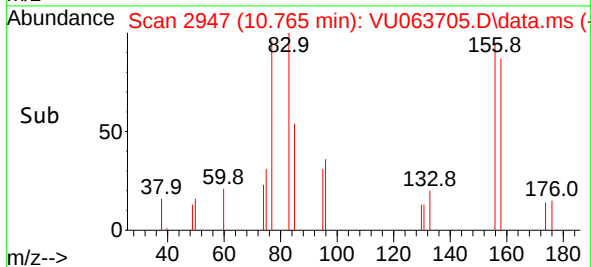
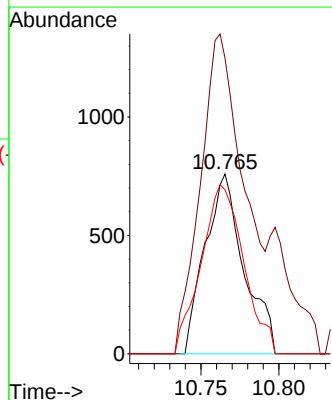
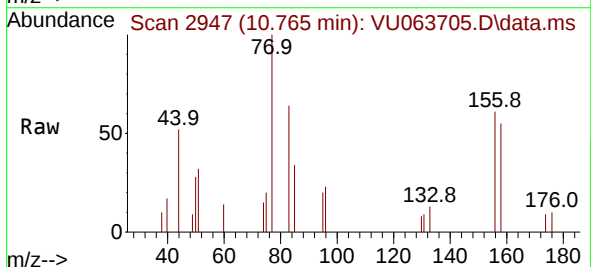
Manual Integrations
APPROVED

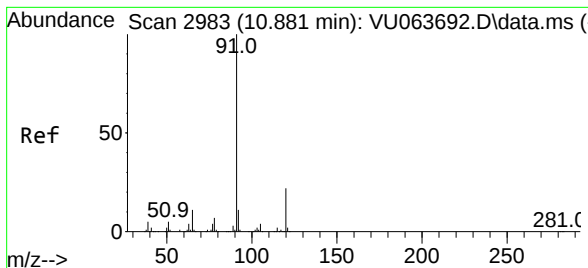
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#77
Bromobenzene
Concen: 0.538 ug/l
RT: 10.765 min Scan# 2947
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

Tgt Ion:156 Resp: 1321
Ion Ratio Lower Upper
156 100
77 198.0 81.4 244.2
158 102.5 48.8 146.3





#78

n-propylbenzene

Concen: 0.549 ug/l

RT: 10.884 min Scan# 2983

Delta R.T. 0.003 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 6148

Ion Ratio Lower Upper

91 100

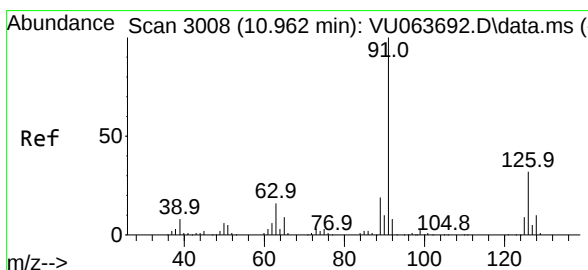
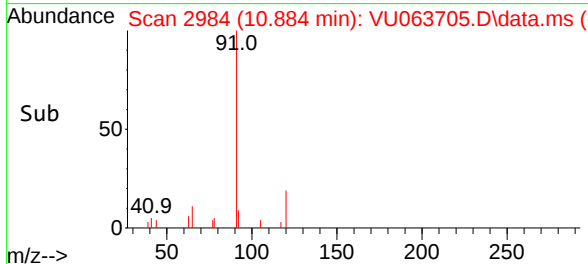
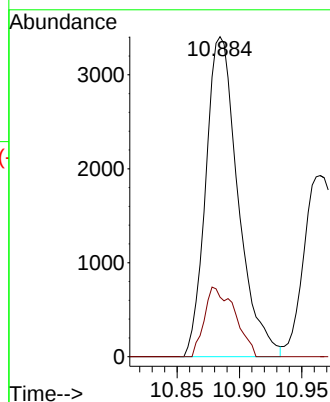
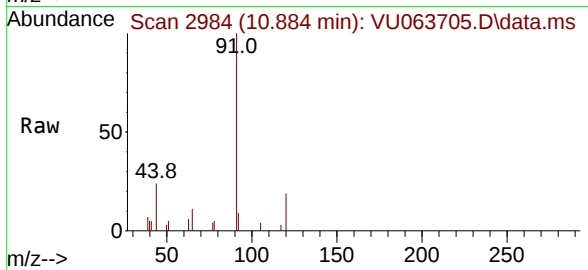
120 20.5 11.2 33.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#79

2-Chlorotoluene

Concen: 0.517 ug/l

RT: 10.965 min Scan# 3009

Delta R.T. 0.003 min

Lab File: VU063705.D

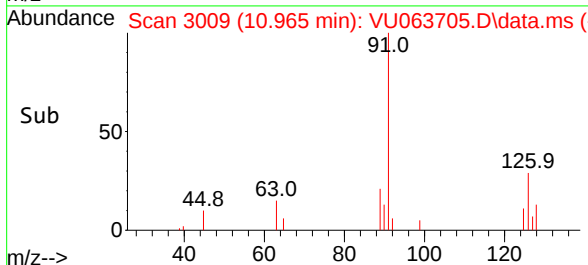
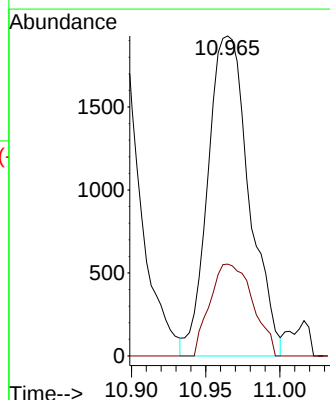
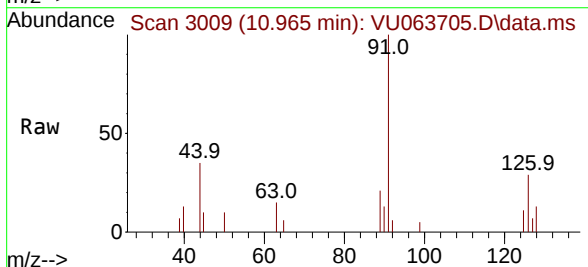
Acq: 11 Nov 2025 14:55

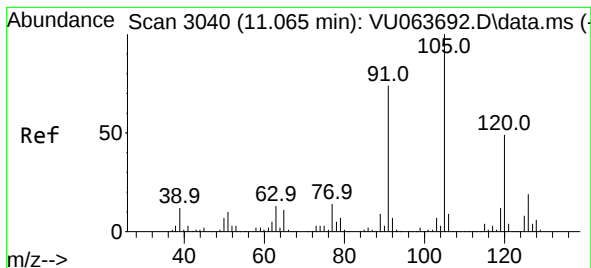
Tgt Ion: 91 Resp: 3738

Ion Ratio Lower Upper

91 100

126 29.6 16.4 49.1





#80

1,3,5-Trimethylbenzene

Concen: 0.411 ug/l

RT: 11.068 min Scan# 3040

Delta R.T. 0.003 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 3360

Ion Ratio Lower Upper

105 100

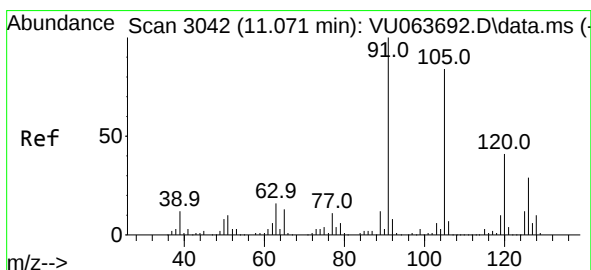
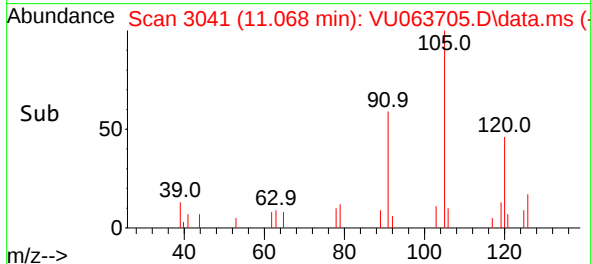
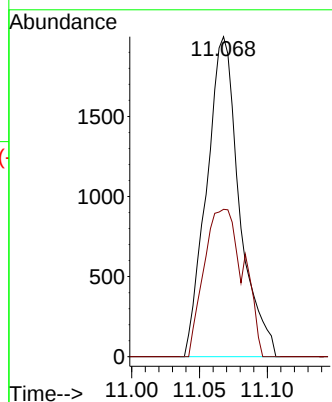
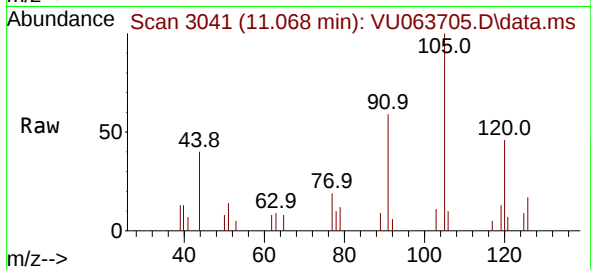
120 55.2 24.1 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#82

4-Chlorotoluene

Concen: 0.561 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.010 min

Lab File: VU063705.D

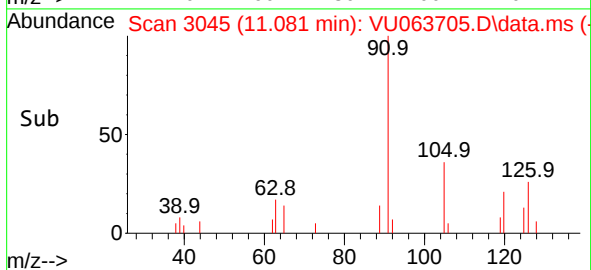
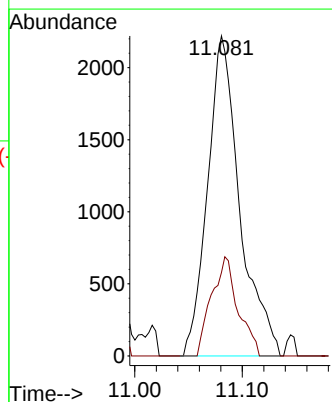
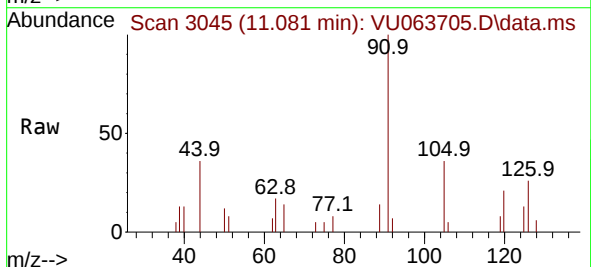
Acq: 11 Nov 2025 14:55

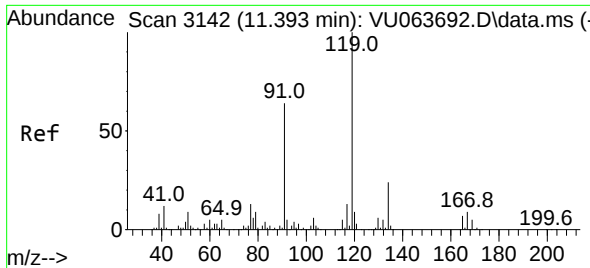
Tgt Ion: 91 Resp: 4615

Ion Ratio Lower Upper

91 100

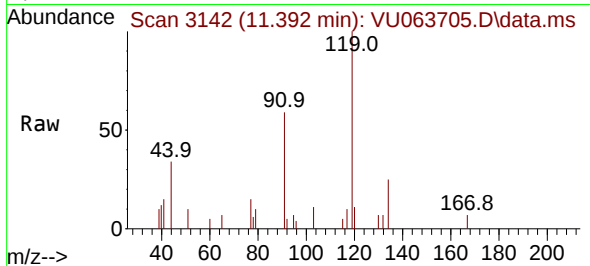
126 25.5 14.2 42.8





#83
tert-Butylbenzene
Concen: 0.494 ug/l
RT: 11.392 min Scan# 3142
Delta R.T. -0.001 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

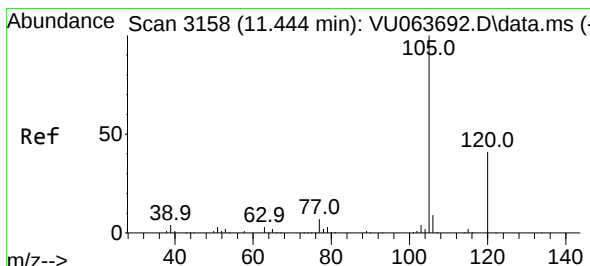
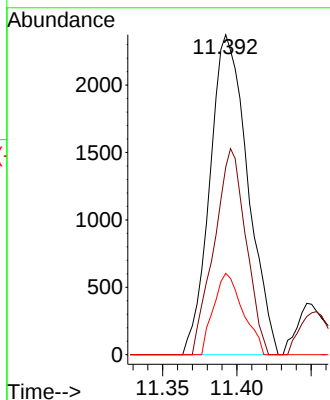
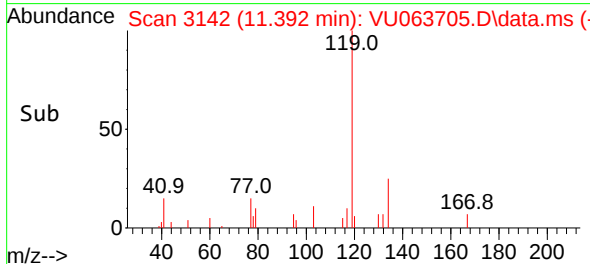
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



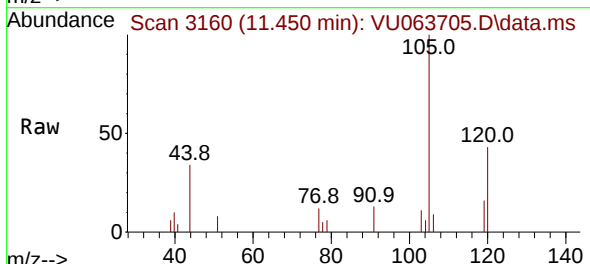
Tgt Ion:119 Resp: 4208
Ion Ratio Lower Upper
119 100
91 54.1 30.8 92.3
134 19.7 11.9 35.5

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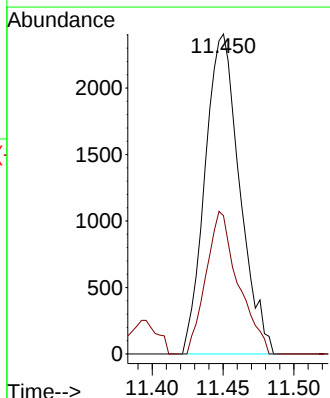
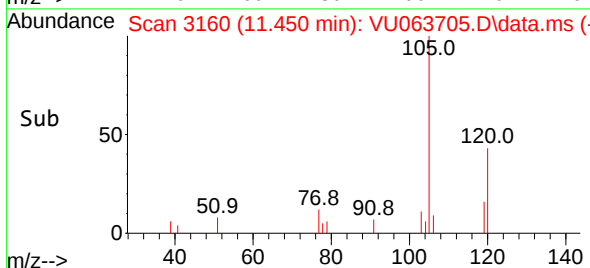
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

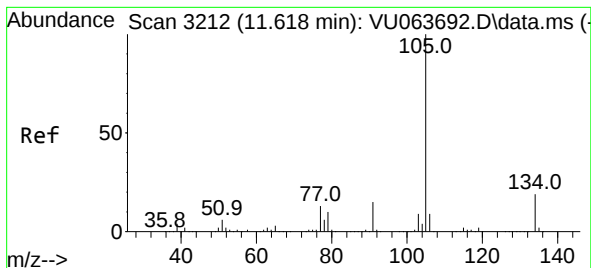


#84
1,2,4-Trimethylbenzene
Concen: 0.510 ug/l
RT: 11.450 min Scan# 3160
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55



Tgt Ion:105 Resp: 4094
Ion Ratio Lower Upper
105 100
120 41.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 0.484 ug/l

RT: 11.621 min Scan# 3213

Delta R.T. 0.003 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 521

Ion Ratio Lower Upper

105 100

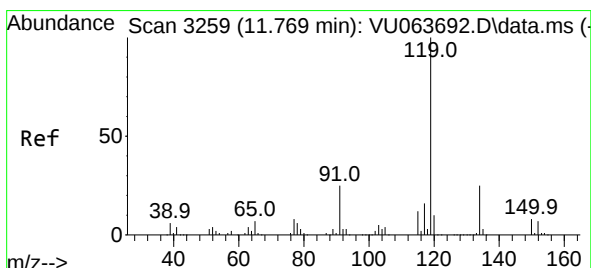
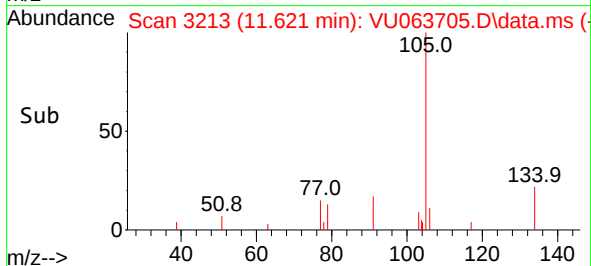
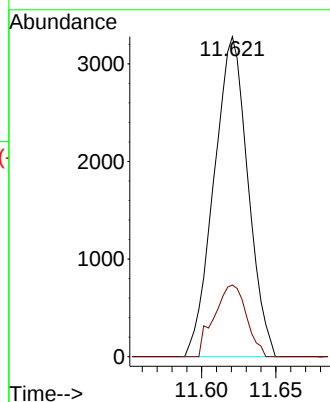
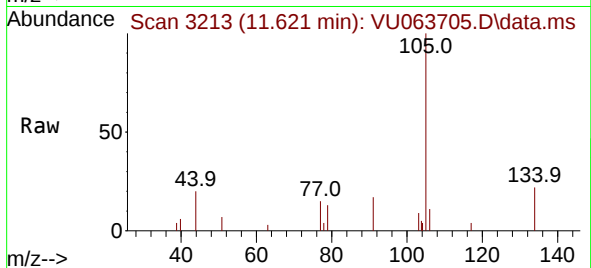
134 21.3 9.8 29.4

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#86

p-Isopropyltoluene

Concen: 0.550 ug/l

RT: 11.769 min Scan# 3259

Delta R.T. -0.000 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

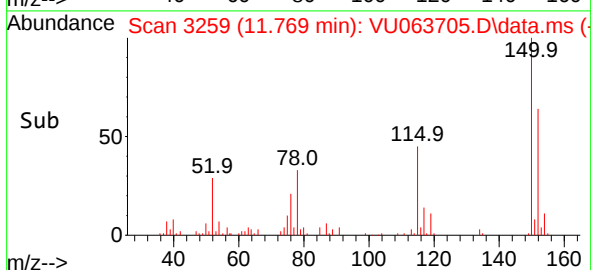
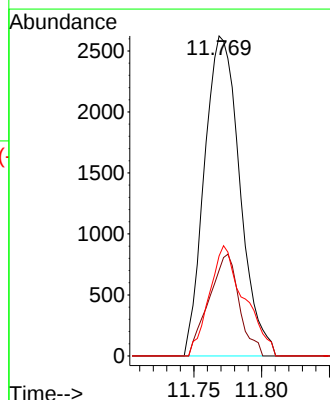
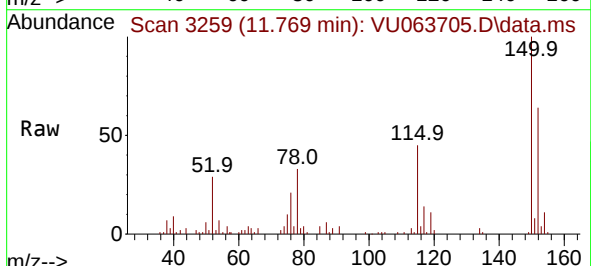
Tgt Ion:119 Resp: 4756

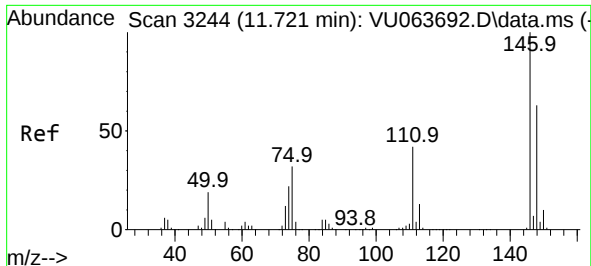
Ion Ratio Lower Upper

119 100

134 27.2 12.6 37.6

91 34.2 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 0.587 ug/l

RT: 11.724 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:146 Resp: 2709

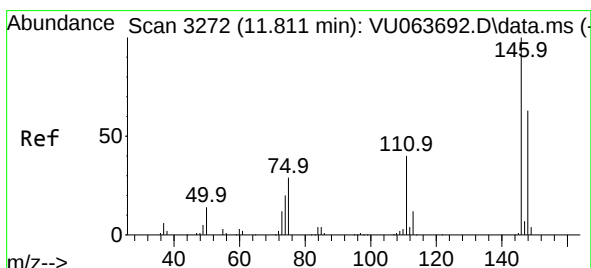
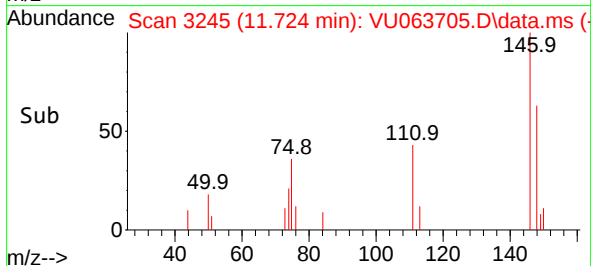
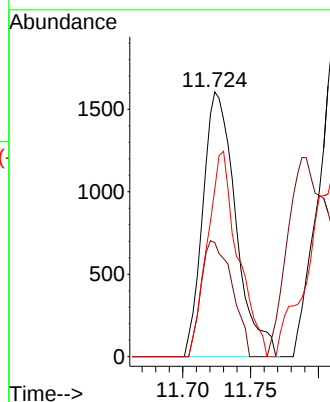
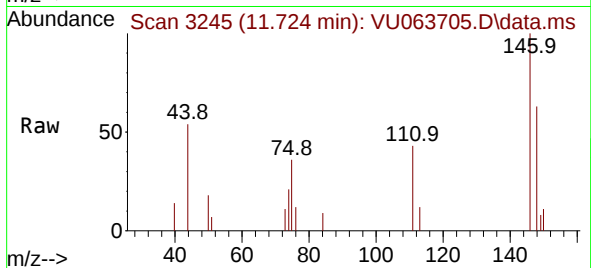
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	71.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#88

1,4-Dichlorobenzene

Concen: 0.731 ug/l m

RT: 11.814 min Scan# 3273

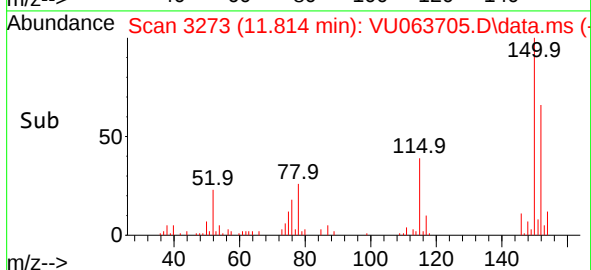
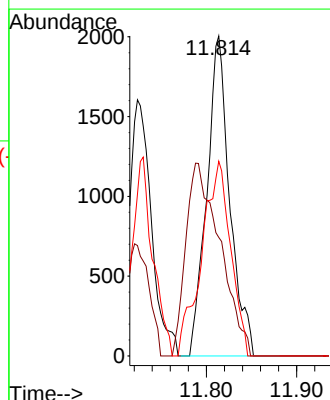
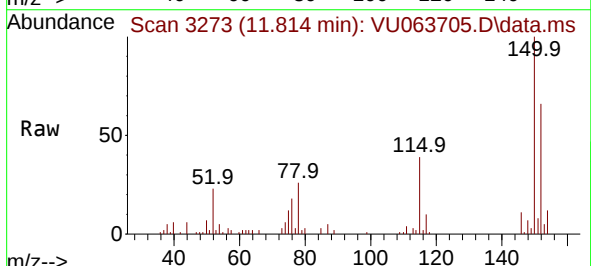
Delta R.T. 0.003 min

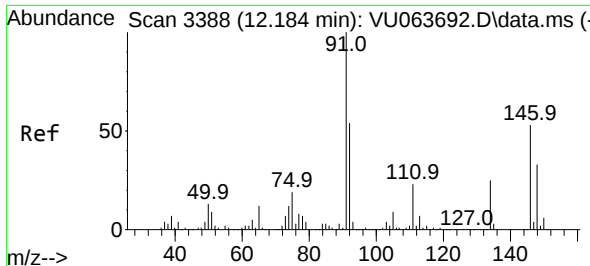
Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Tgt Ion:146 Resp: 3530

Ion	Ratio	Lower	Upper
146	100		
111	31.6	20.4	61.3
148	55.1	31.4	94.3





#89

n-Butylbenzene

Concen: 0.662 ug/l

RT: 12.190 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 525

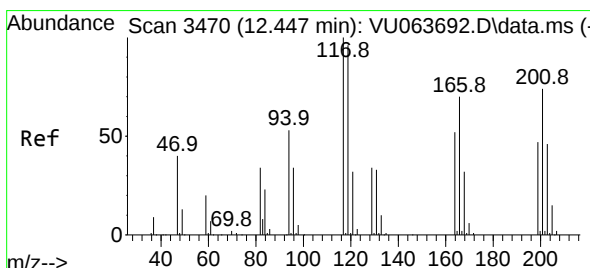
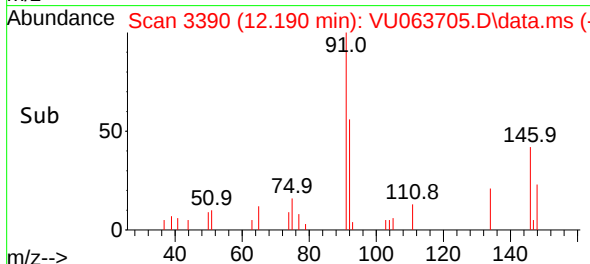
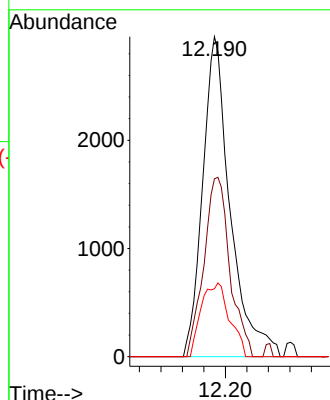
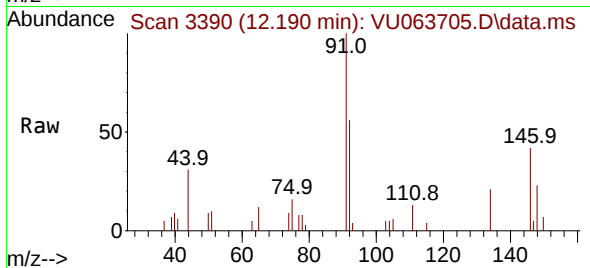
Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.0	81.0
134	23.6	12.4	37.4

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#90

Hexachloroethane

Concen: 0.322 ug/l

RT: 12.441 min Scan# 3468

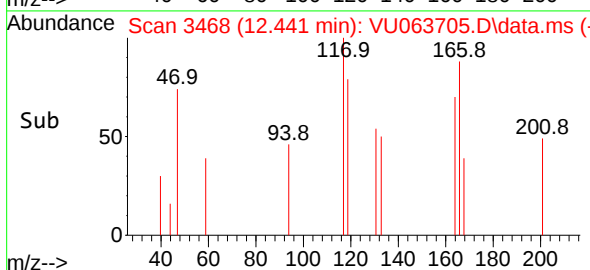
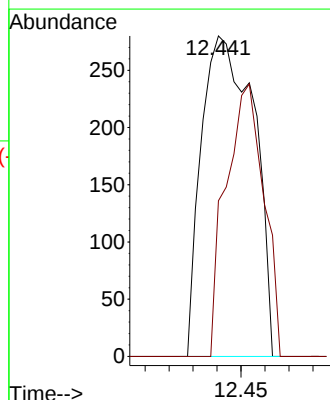
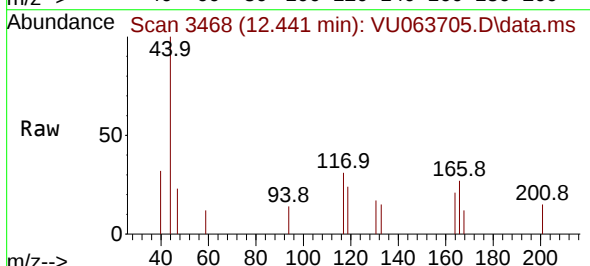
Delta R.T. -0.006 min

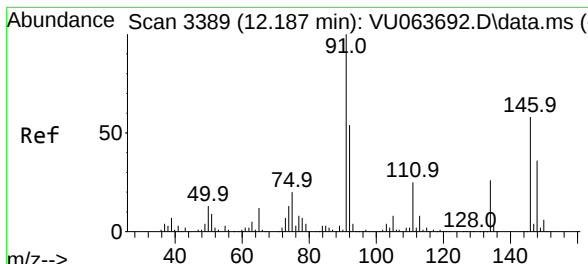
Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Tgt Ion:117 Resp: 424

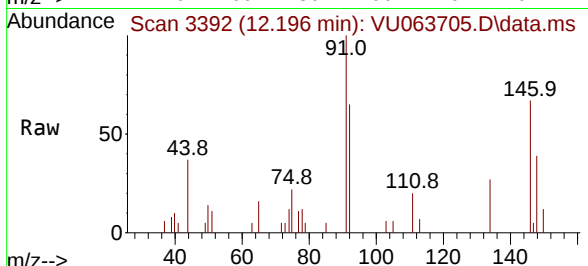
Ion	Ratio	Lower	Upper
117	100		
201	61.3	36.6	109.8





#91
1,2-Dichlorobenzene
Concen: 0.612 ug/l
RT: 12.196 min Scan# 3389
Delta R.T. 0.009 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

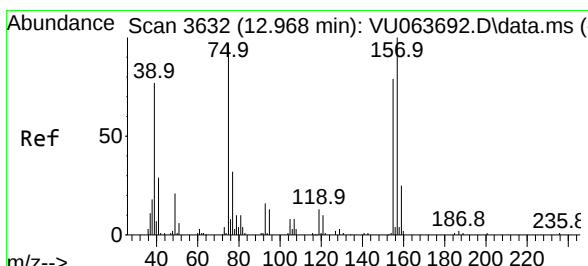
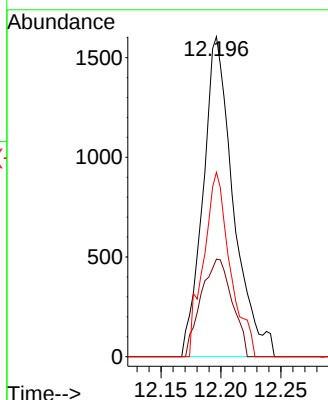
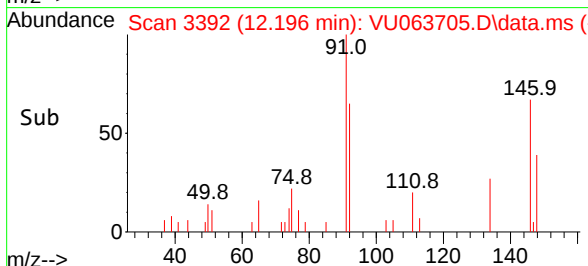
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



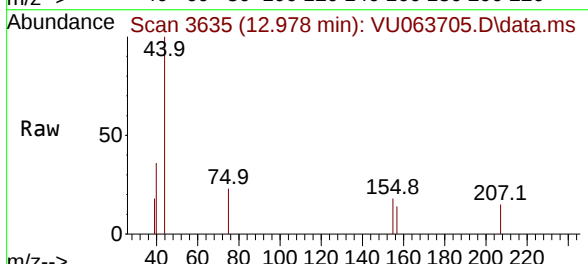
Tgt Ion:146 Resp: 2818
Ion Ratio Lower Upper
146 100
111 31.3 21.8 65.3
148 50.5 31.6 94.7

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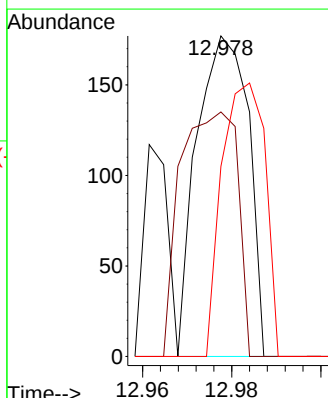
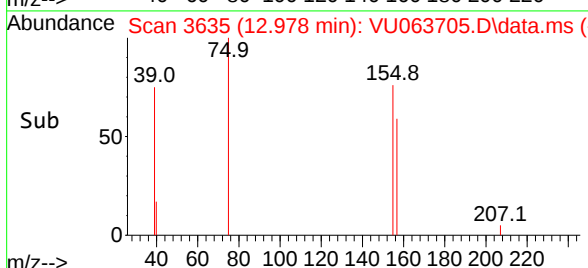
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

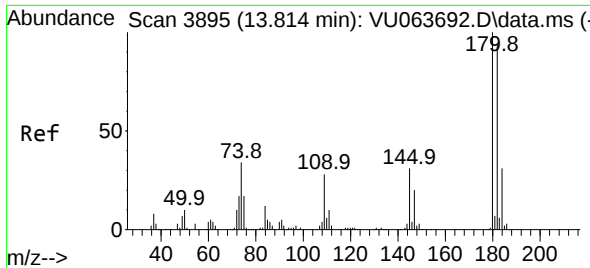


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.185 ug/l
RT: 12.978 min Scan# 3635
Delta R.T. 0.010 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55



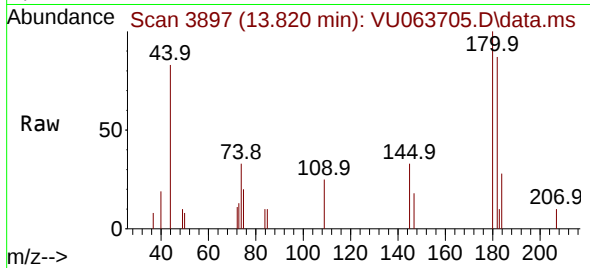
Tgt Ion: 75 Resp: 142
Ion Ratio Lower Upper
75 100
155 84.5 40.5 121.4
157 71.8 50.4 151.3





#93
1,2,4-Trichlorobenzene
Concen: 0.818 ug/l
RT: 13.820 min Scan# 3897
Delta R.T. 0.006 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55

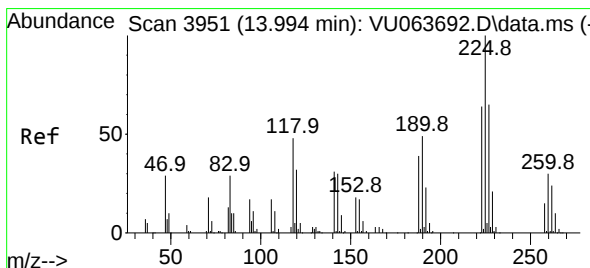
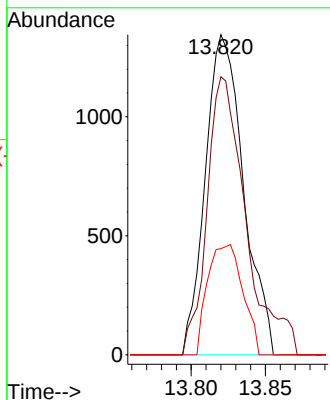
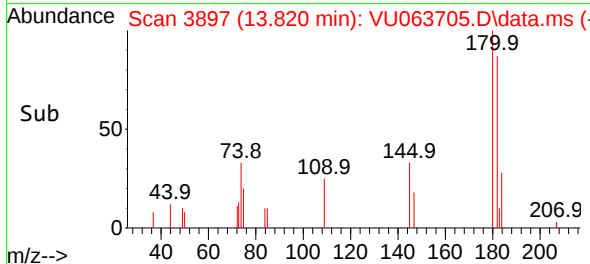
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



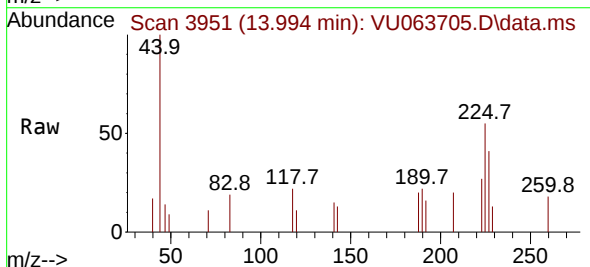
Tgt Ion:180 Resp: 240
Ion Ratio Lower Upper
180 100
182 88.5 47.6 142.9
145 31.6 15.9 47.6

Manual Integrations
APPROVED

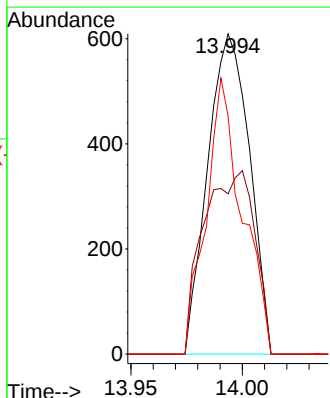
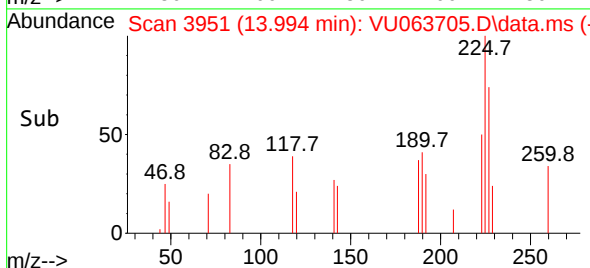
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

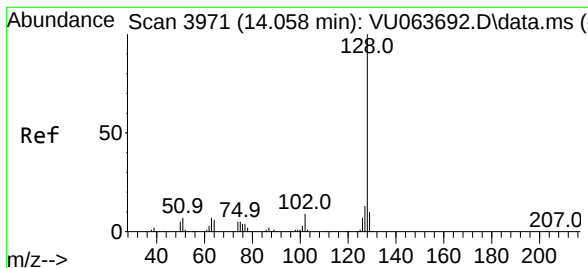


#94
Hexachlorobutadiene
Concen: 0.537 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063705.D
Acq: 11 Nov 2025 14:55



Tgt Ion:225 Resp: 795
Ion Ratio Lower Upper
225 100
223 70.3 31.6 94.8
227 74.2 32.4 97.0





#95

Naphthalene

Concen: 1.194 ug/l

RT: 14.068 min Scan# 3971

Delta R.T. 0.010 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

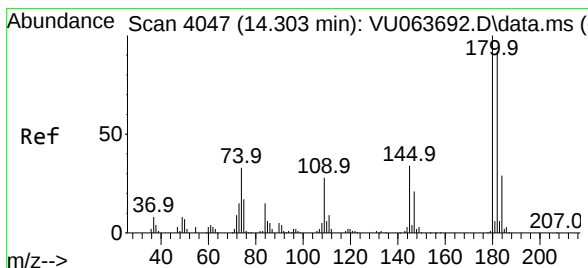
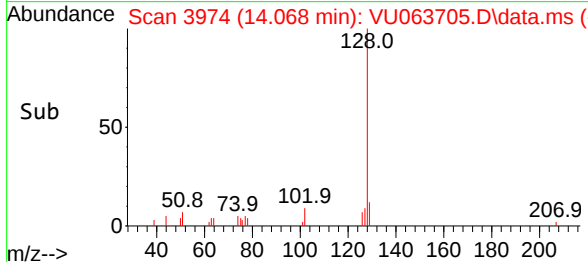
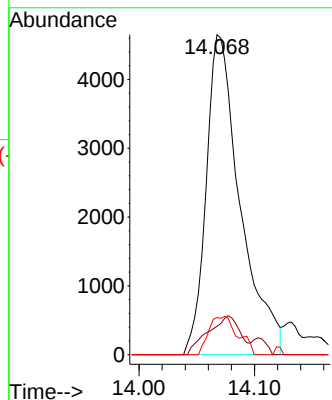
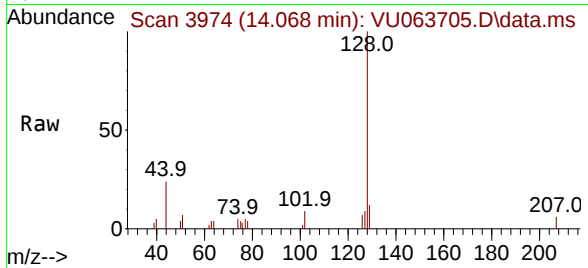
Tgt Ion:	128	Resp:	9500
Ion Ratio	Lower	Upper	
128	100		
127	11.5	9.9	14.9
129	10.2	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#96

1,2,3-Trichlorobenzene

Concen: 0.916 ug/l

RT: 14.309 min Scan# 4049

Delta R.T. 0.006 min

Lab File: VU063705.D

Acq: 11 Nov 2025 14:55

Tgt Ion:	180	Resp:	2501
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.3	142.0
145	29.4	16.6	49.7

