

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044935.D
 Acq On : 12 Feb 2025 15:58
 Operator : JC/MD
 Sample : Q1168-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 13 03:46:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 13 03:28:47 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2025
 Supervised By : Mahesh Dadoda 02/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	107096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	170149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90303	57.603	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.200%			
35) Dibromofluoromethane	5.379	113	70309	55.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.660%			
50) Toluene-d8	8.647	98	260278	54.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.320%			
62) 4-Bromofluorobenzene	11.079	95	84920	52.418	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1373	0.914	ug/l	88
3) Chloromethane	1.300	50	1892	1.035	ug/l	91
4) Vinyl Chloride	1.374	62	1805	1.019	ug/l #	86
5) Bromomethane	1.593	94	652	1.230	ug/l	90
6) Chloroethane	1.666	64	1271	1.936	ug/l	89
7) Trichlorofluoromethane	1.873	101	2282	1.019	ug/l #	82
8) Diethyl Ether	2.130	74	823	1.013	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.319	101	1243	0.919	ug/l	93
10) Methyl Iodide	2.447	142	1579	0.900	ug/l	97
11) Tert butyl alcohol	2.940	59	2953m	10.154	ug/l	
12) 1,1-Dichloroethene	2.319	96	1394	1.010	ug/l #	60
13) Acrolein	2.239	56	1463	4.876	ug/l	93
14) Allyl chloride	2.660	41	2417	0.969	ug/l #	84
15) Acrylonitrile	3.068	53	3926	5.056	ug/l	96
16) Acetone	2.386	43	4068	6.455	ug/l #	86
17) Carbon Disulfide	2.501	76	3666	0.968	ug/l	96
18) Methyl Acetate	2.703	43	2076	1.044	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	4216	0.960	ug/l	97
20) Methylene Chloride	2.782	84	1716	1.112	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	1215	0.894	ug/l #	76
22) Diisopropyl ether	3.757	45	4699	0.996	ug/l #	54
23) Vinyl Acetate	3.727	43	16221	4.216	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	2659	1.007	ug/l #	94
25) 2-Butanone	4.599	43	4979	4.865	ug/l #	83
26) 2,2-Dichloropropane	4.464	77	1796	0.858	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	1427	0.874	ug/l	89
28) Bromochloromethane	4.910	49	1140	0.898	ug/l #	90
29) Tetrahydrofuran	5.019	42	3671	5.402	ug/l	96
30) Chloroform	5.098	83	2662	1.039	ug/l	100
31) Cyclohexane	5.446	56	2445	1.004	ug/l #	78
32) 1,1,1-Trichloroethane	5.379	97	2127	0.979	ug/l #	48
36) 1,1-Dichloropropene	5.684	75	2124	1.158	ug/l #	85
37) Ethyl Acetate	4.739	43	2292m	1.124	ug/l	
38) Carbon Tetrachloride	5.678	117	2043	1.137	ug/l #	92
39) Methylcyclohexane	7.379	83	2150	0.907	ug/l	94
40) Benzene	6.043	78	5550	0.969	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044935.D
 Acq On : 12 Feb 2025 15:58
 Operator : JC/MD
 Sample : Q1168-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 13 03:46:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 13 03:28:47 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	991m	0.908	ug/l	
42) 1,2-Dichloroethane	6.092	62	2039	1.117	ug/l	85
43) Isopropyl Acetate	6.354	43	3002	0.912	ug/l #	88
44) Trichloroethene	7.129	130	1287	0.983	ug/l	98
45) 1,2-Dichloropropane	7.433	63	1487	1.044	ug/l	89
46) Dibromomethane	7.592	93	978	0.990	ug/l	92
47) Bromodichloromethane	7.824	83	1780	0.931	ug/l #	85
48) Methyl methacrylate	7.708	41	1474m	0.949	ug/l	
49) 1,4-Dioxane	7.683	88	585	17.560	ug/l #	64
51) 4-Methyl-2-Pentanone	8.573	43	9590	4.790	ug/l	99
52) Toluene	8.720	92	3636	1.066	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	1473	0.761	ug/l	89
54) cis-1,3-Dichloropropene	8.372	75	1992	0.923	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	1246	0.951	ug/l #	86
56) Ethyl methacrylate	9.128	69	1885m	0.890	ug/l	
57) 1,3-Dichloropropane	9.311	76	2406	1.049	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	4426	4.258	ug/l	97
59) 2-Hexanone	9.439	43	6342	4.396	ug/l	99
60) Dibromochloromethane	9.518	129	1217	0.868	ug/l	98
61) 1,2-Dibromoethane	9.610	107	1272	0.957	ug/l	96
64) Tetrachloroethene	9.275	164	916	0.854	ug/l	91
65) Chlorobenzene	10.079	112	3756	1.028	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.159	131	1198	1.018	ug/l #	60
67) Ethyl Benzene	10.195	91	5860	0.909	ug/l	94
68) m/p-Xylenes	10.305	106	4425	1.860	ug/l	91
69) o-Xylene	10.640	106	2285	0.957	ug/l	98
70) Styrene	10.658	104	3524	0.916	ug/l	98
71) Bromoform	10.799	173	748	0.852	ug/l #	95
73) Isopropylbenzene	10.963	105	5511	0.970	ug/l	99
74) N-amyl acetate	10.847	43	1866	0.726	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	2049	1.050	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1718m	1.098	ug/l	
77) Bromobenzene	11.201	156	1186	0.921	ug/l	85
78) n-propylbenzene	11.305	91	5963	0.909	ug/l	98
79) 2-Chlorotoluene	11.360	91	4180	1.037	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4103	0.890	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	409m	0.673	ug/l	
82) 4-Chlorotoluene	11.457	91	4474	1.004	ug/l	100
83) tert-Butylbenzene	11.713	119	4585	0.983	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	4237	0.931	ug/l	91
85) sec-Butylbenzene	11.890	105	5017	0.869	ug/l	95
86) p-Isopropyltoluene	12.012	119	4119	0.887	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	2463	1.040	ug/l	94
88) 1,4-Dichlorobenzene	12.036	146	2515m	1.050	ug/l	
89) n-Butylbenzene	12.335	91	3137	0.764	ug/l	97
90) Hexachloroethane	12.542	117	690	0.794	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	2258	0.970	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	305	0.856	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	1167	0.829	ug/l	87
94) Hexachlorobutadiene	13.719	225	657	1.175	ug/l	84
95) Naphthalene	13.780	128	4171	0.819	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1278	0.900	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044935.D
Acq On : 12 Feb 2025 15:58
Operator : JC/MD
Sample : Q1168-08 1.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 13 03:46:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 13 03:28:47 2025
Response via : Initial Calibration

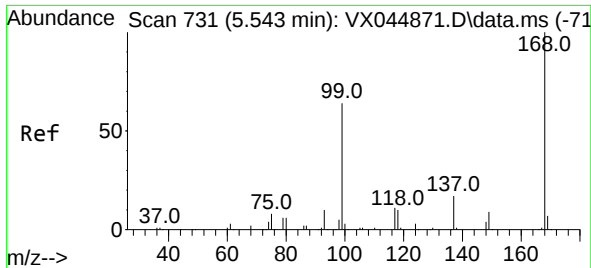
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

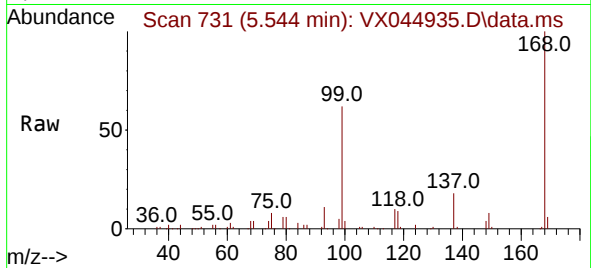
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

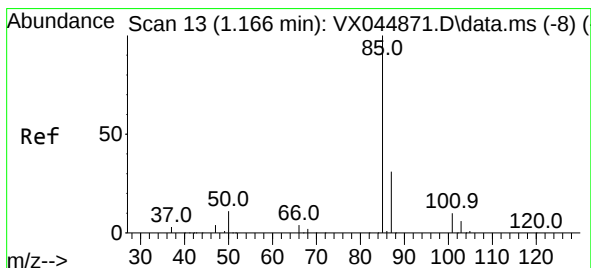
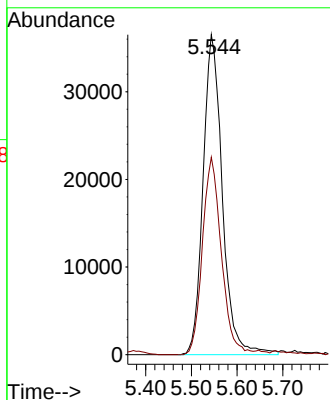
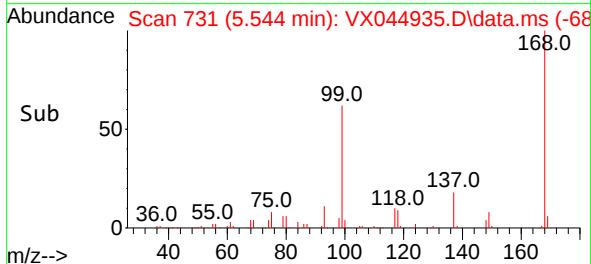
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:168 Resp: 107090
Ion Ratio Lower Upper
168 100
99 61.7 51.2 76.8

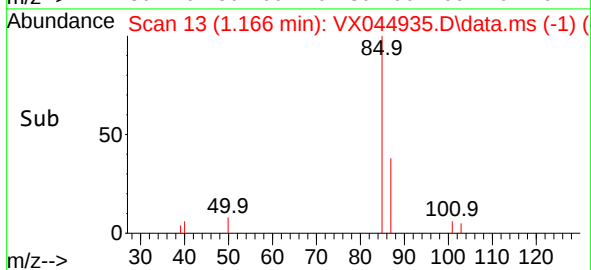
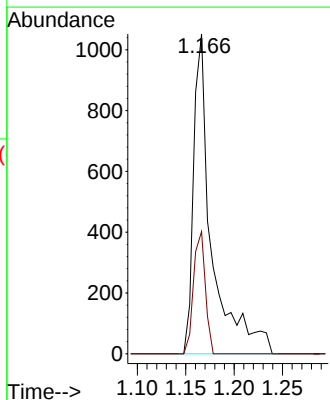
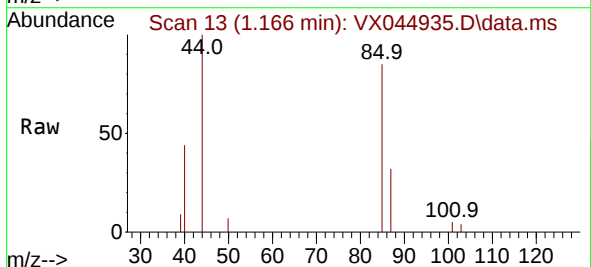
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#2
Dichlorodifluoromethane
Concen: 0.914 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion: 85 Resp: 1373
Ion Ratio Lower Upper
85 100
87 38.2 15.8 47.3





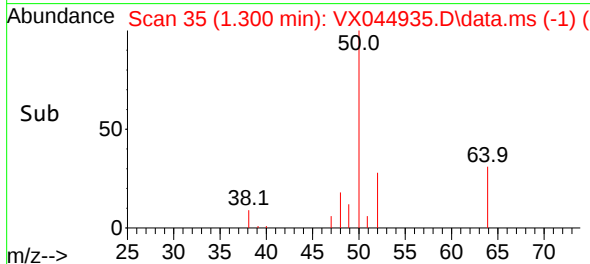
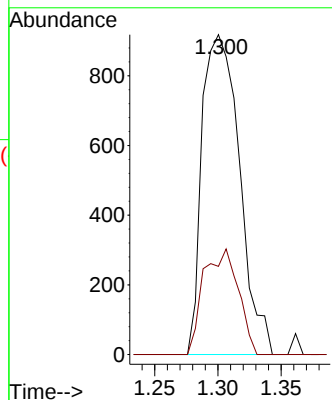
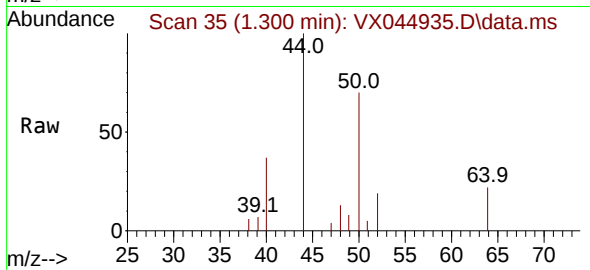
#3
Chloromethane
Concen: 1.035 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 50 Resp: 1892
Ion Ratio Lower Upper
50 100
52 27.6 25.9 38.9

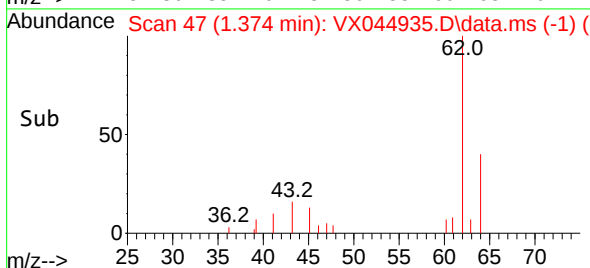
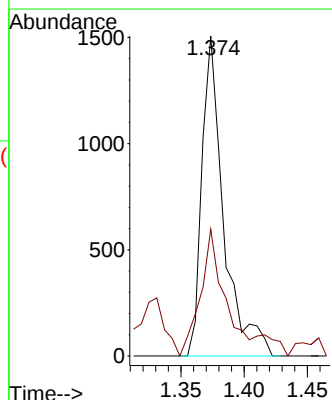
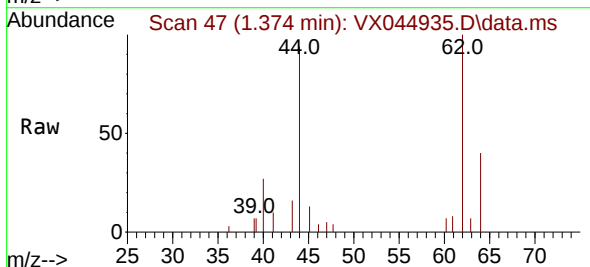
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#4
Vinyl Chloride
Concen: 1.019 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

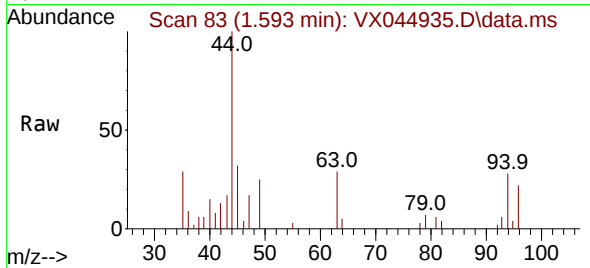
Tgt Ion: 62 Resp: 1805
Ion Ratio Lower Upper
62 100
64 39.6 25.4 38.0%





#5
Bromomethane
Concen: 1.230 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

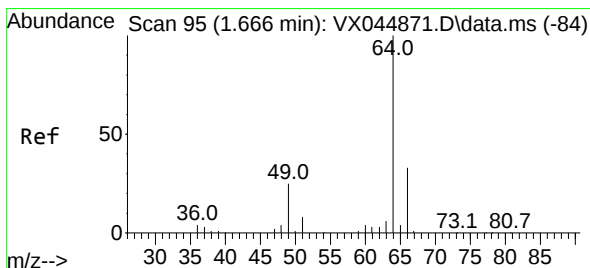
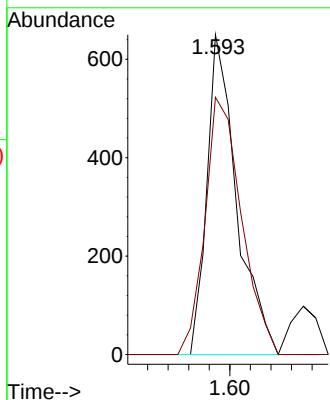
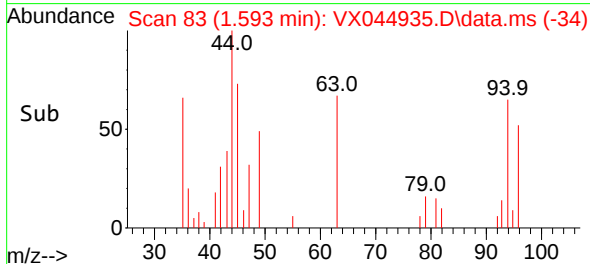
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 94 Resp: 652
Ion Ratio Lower Upper
94 100
96 80.5 71.6 107.4

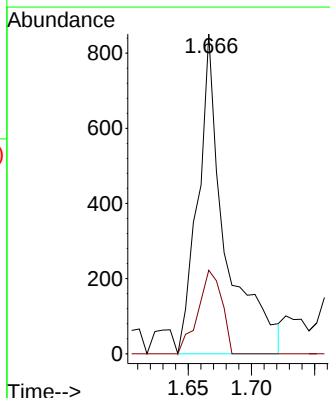
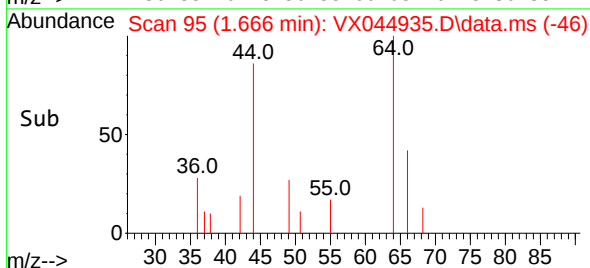
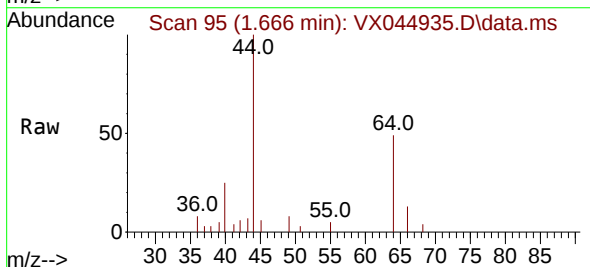
Manual Integrations
APPROVED

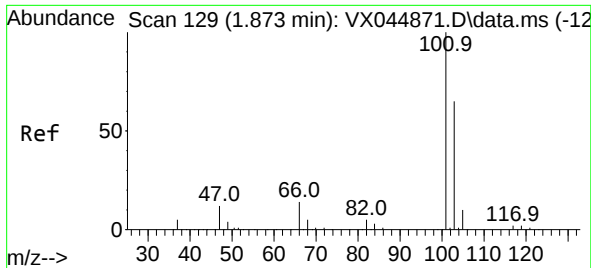
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#6
Chloroethane
Concen: 1.936 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

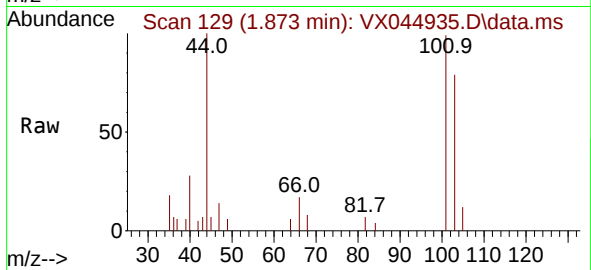
Tgt Ion: 64 Resp: 1271
Ion Ratio Lower Upper
64 100
66 26.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 1.019 ug/l
RT: 1.873 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

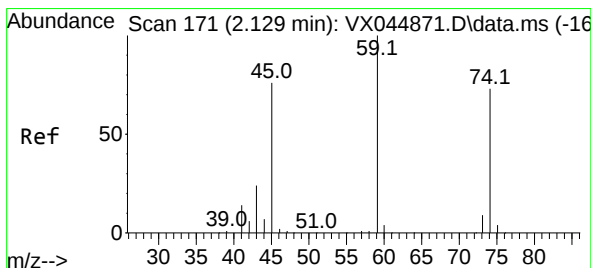
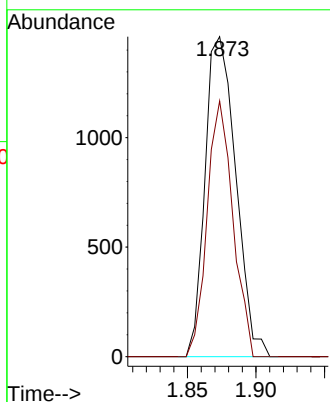
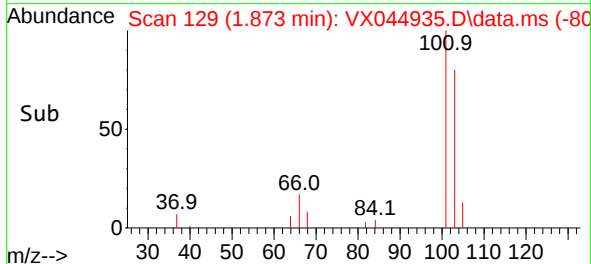
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:101 Resp: 228
Ion Ratio Lower Upper
101 100
103 79.9 52.4 78.6

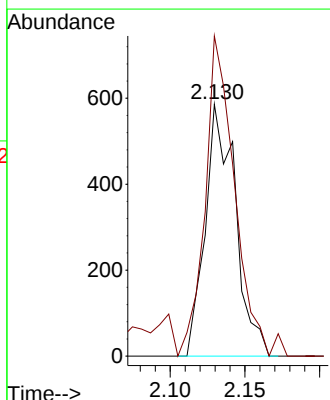
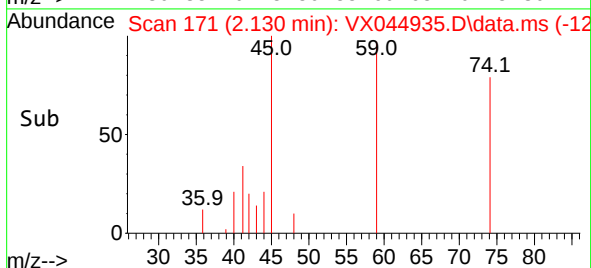
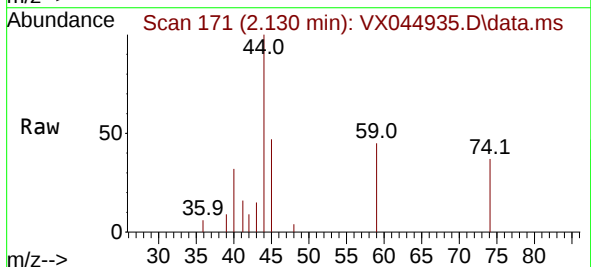
Manual Integrations
APPROVED

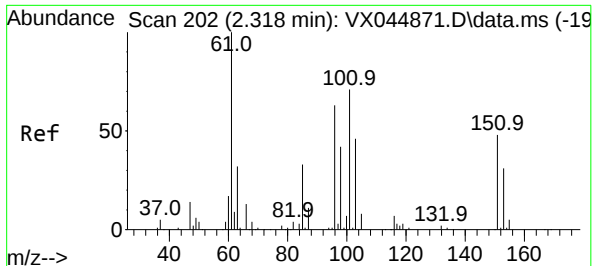
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#8
Diethyl Ether
Concen: 1.013 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion: 74 Resp: 823
Ion Ratio Lower Upper
74 100
45 124.8 51.1 153.4





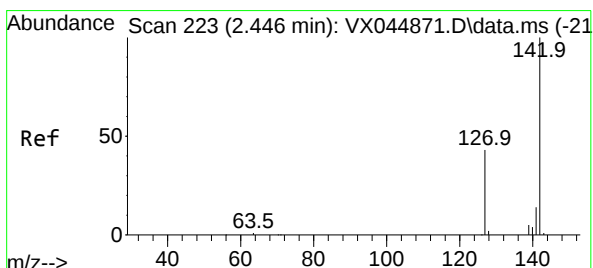
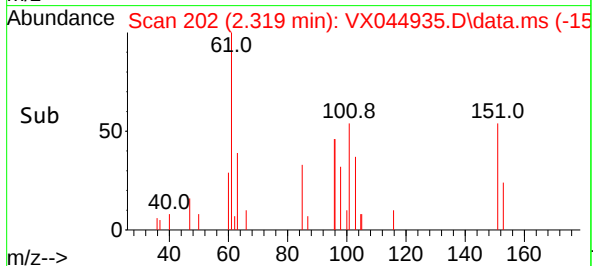
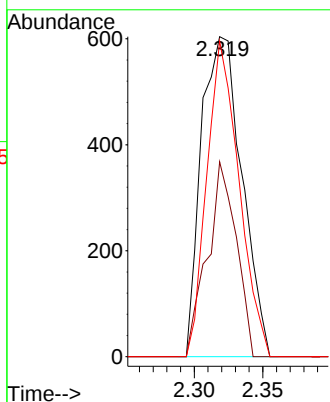
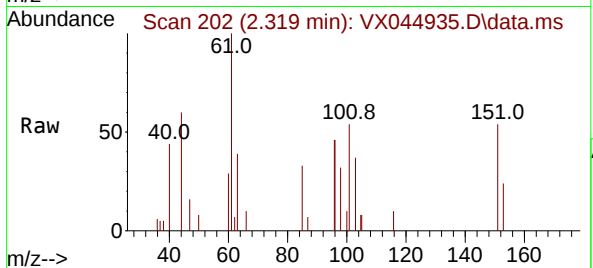
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.919 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:101 Resp: 124
Ion Ratio Lower Upper
101 100
85 43.4 35.7 53.5
151 78.5 56.0 84.0

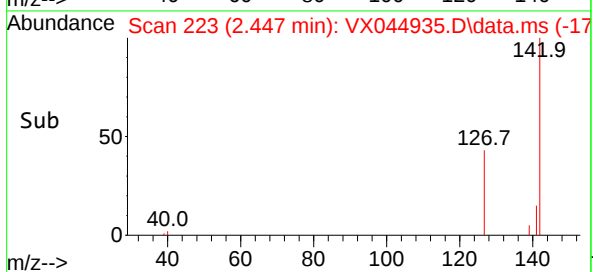
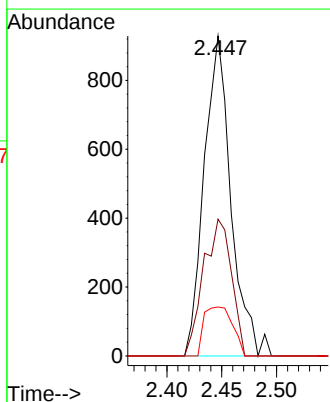
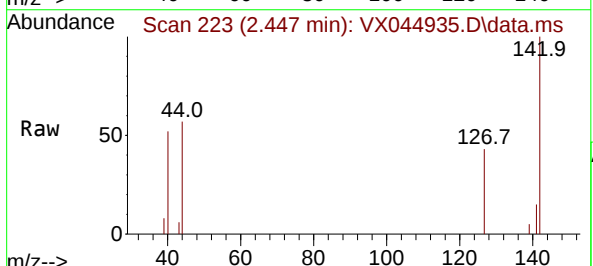
Manual Integrations
APPROVED

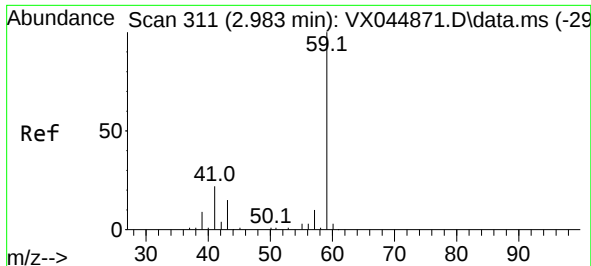
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#10
Methyl Iodide
Concen: 0.900 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

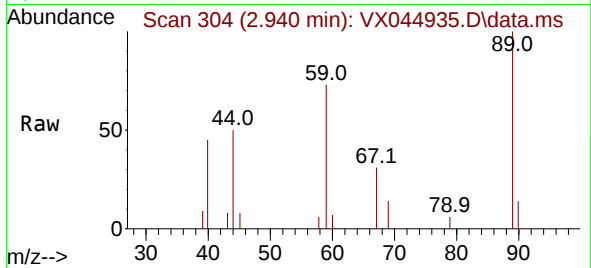
Tgt Ion:142 Resp: 1579
Ion Ratio Lower Upper
142 100
127 44.4 34.3 51.5
141 16.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 10.154 ug/l m
RT: 2.940 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

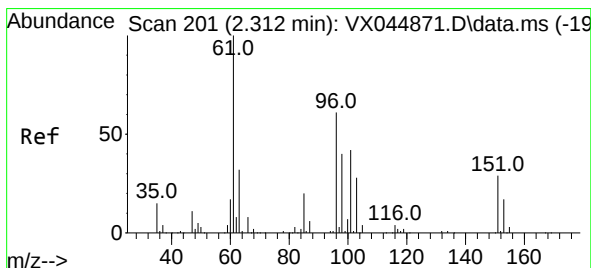
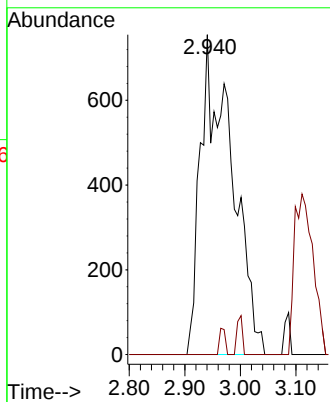
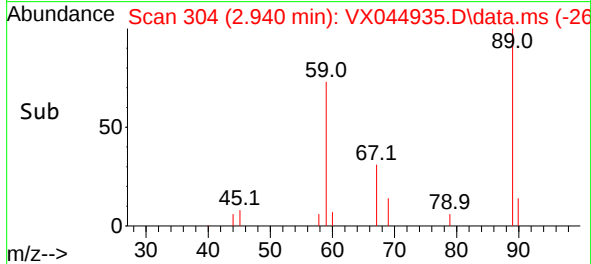
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1

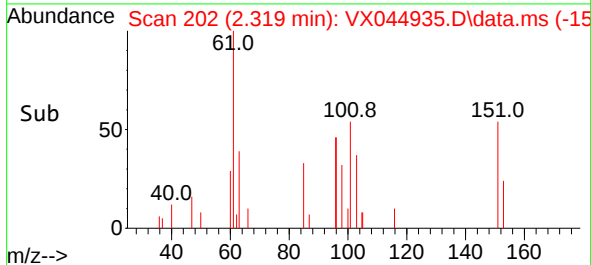
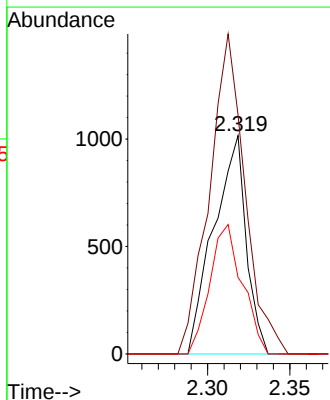
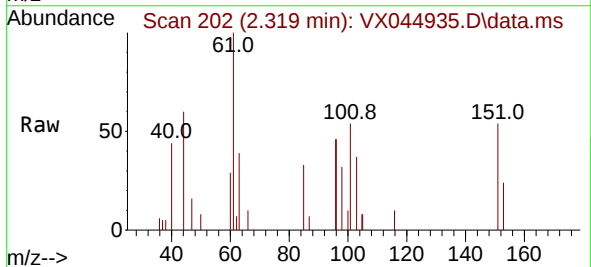
Manual Integrations
APPROVED

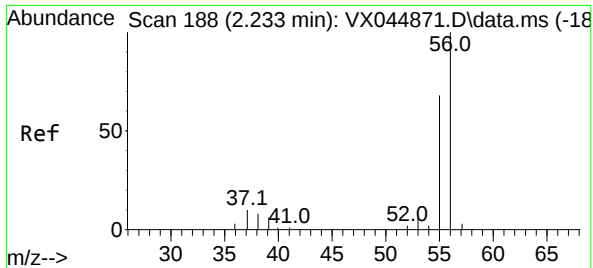
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#12
1,1-Dichloroethene
Concen: 1.010 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

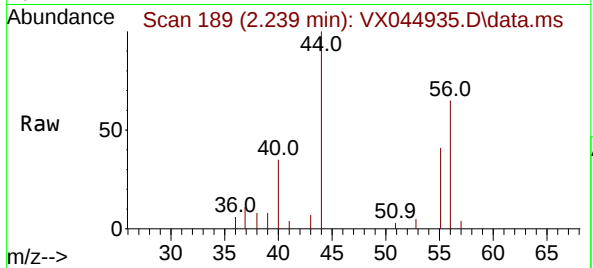
Tgt Ion: 96 Resp: 1394
Ion Ratio Lower Upper
96 100
61 109.4 130.2 195.4#
98 35.0 52.2 78.4#





#13
Acrolein
Concen: 4.876 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

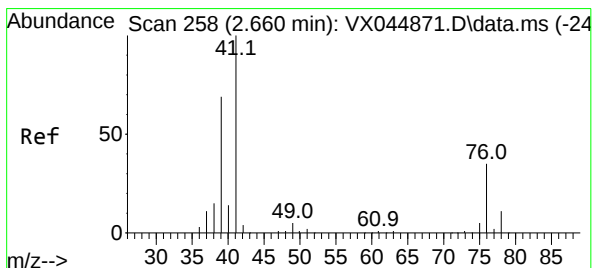
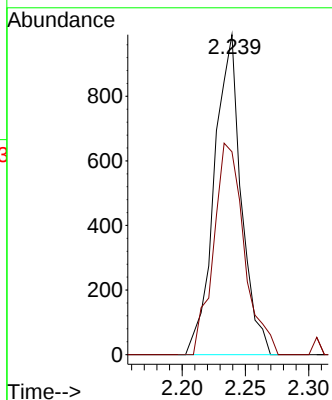
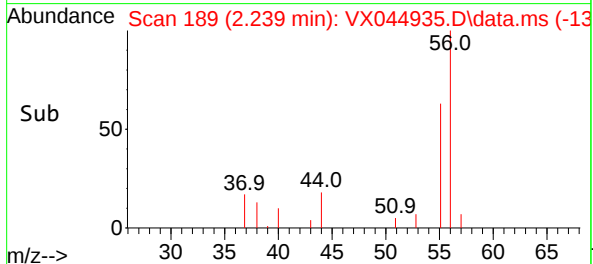
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 75.4 55.7 83.5

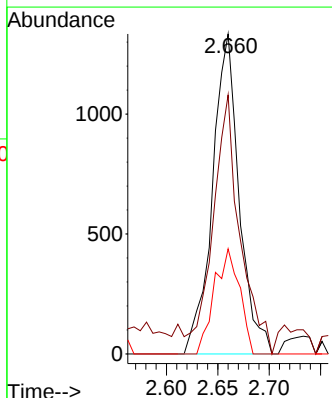
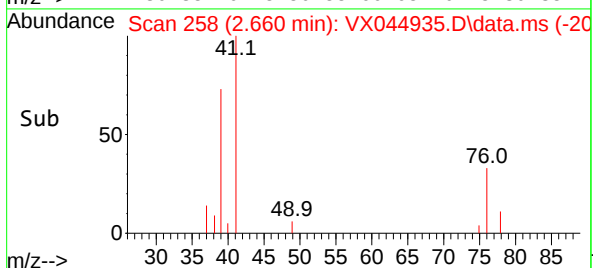
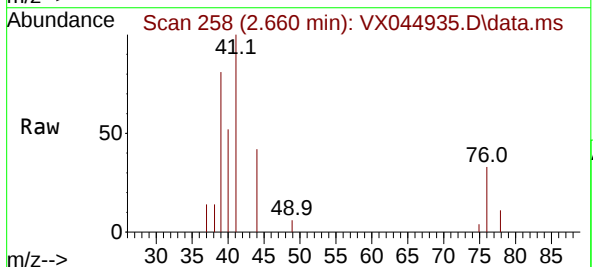
Manual Integrations
APPROVED

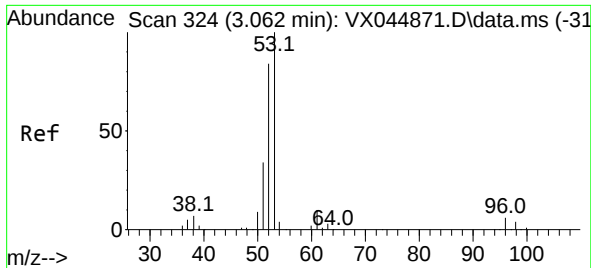
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#14
Allyl chloride
Concen: 0.969 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

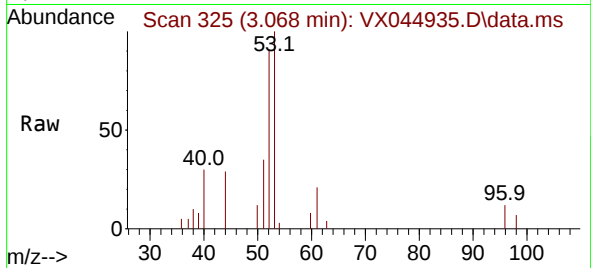
Tgt Ion: 41 Resp: 2417
Ion Ratio Lower Upper
41 100
39 81.6 51.4 77.2#
76 30.8 27.0 40.4





#15
Acrylonitrile
Concen: 5.056 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

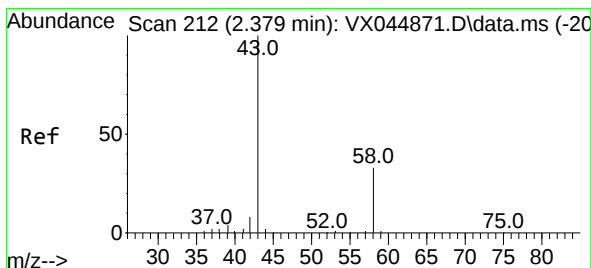
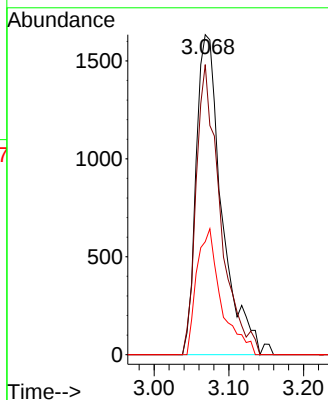
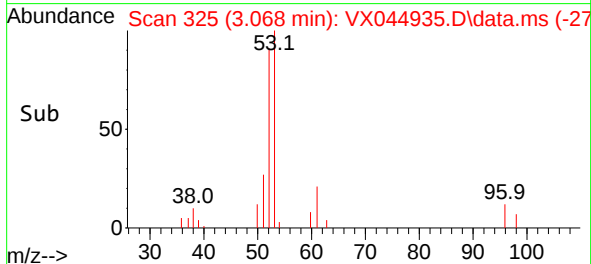
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 53 Resp: 3920
Ion Ratio Lower Upper
53 100
52 84.6 65.0 97.6
51 37.1 28.0 42.0

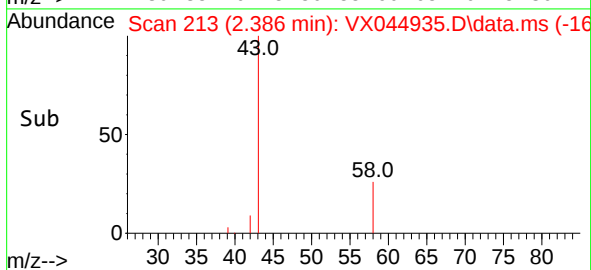
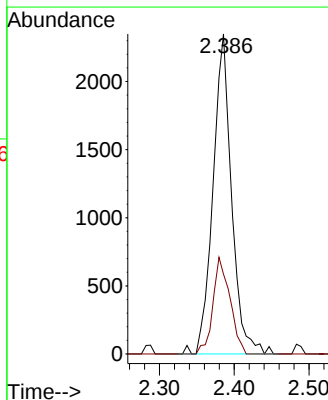
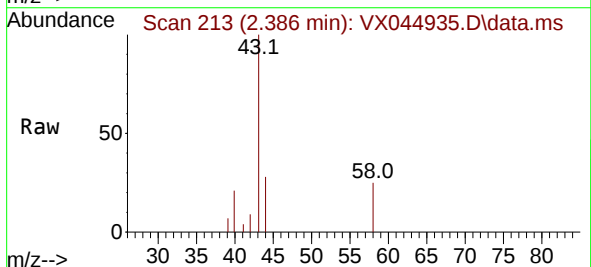
Manual Integrations
APPROVED

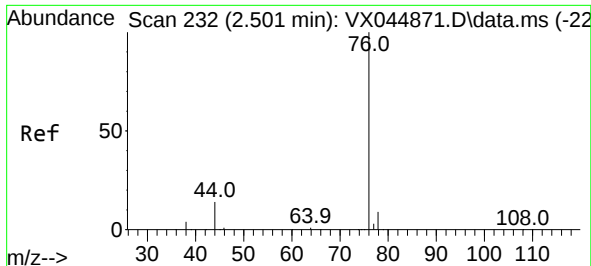
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#16
Acetone
Concen: 6.455 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion: 43 Resp: 4068
Ion Ratio Lower Upper
43 100
58 25.0 26.5 39.7#





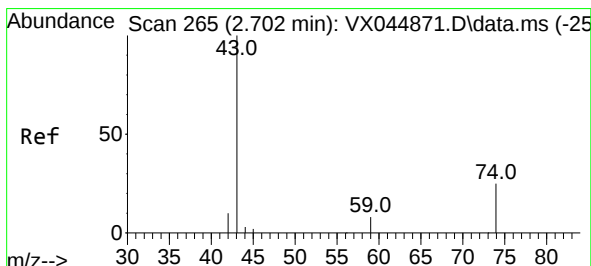
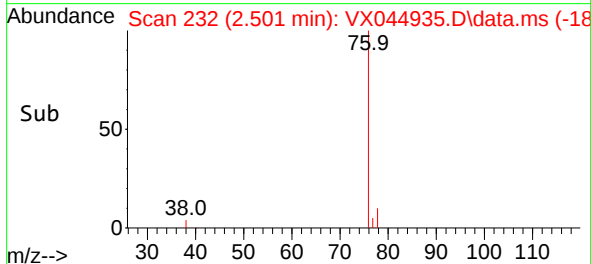
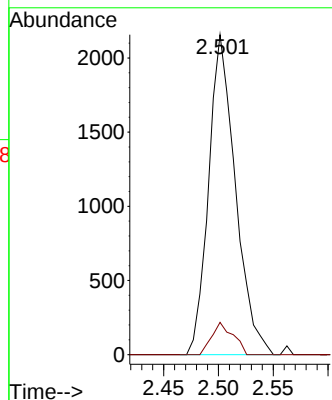
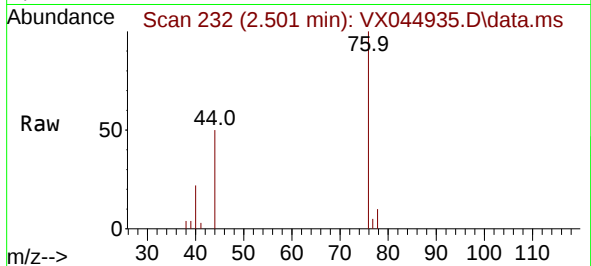
#17
Carbon Disulfide
Concen: 0.968 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 76 Resp: 366
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.4

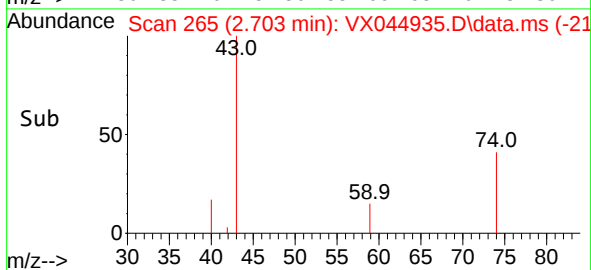
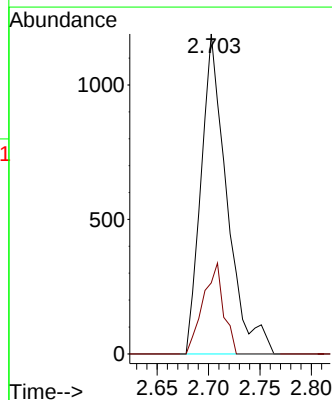
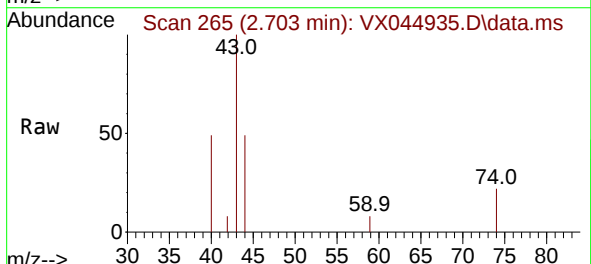
Manual Integrations
APPROVED

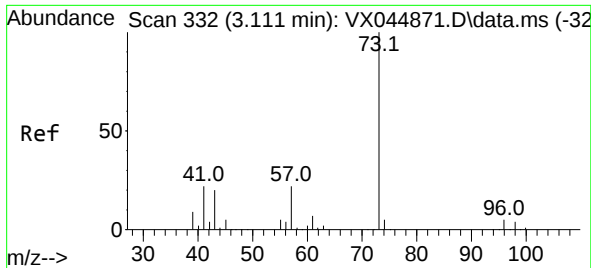
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#18
Methyl Acetate
Concen: 1.044 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
74 22.4 18.9 28.3





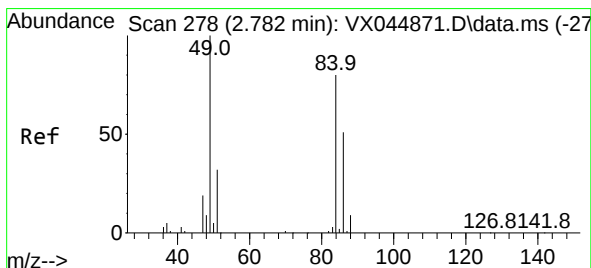
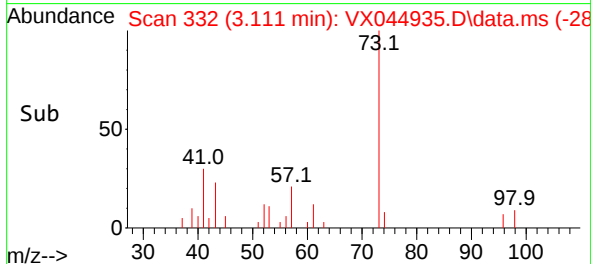
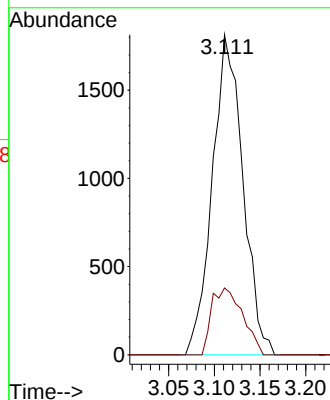
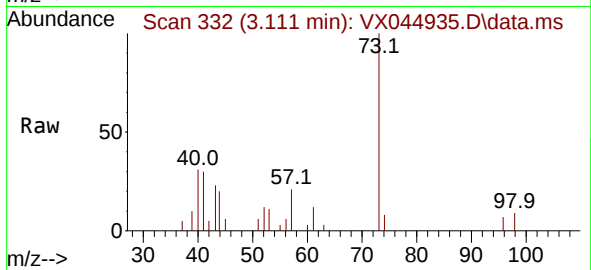
#19
Methyl tert-butyl Ether
Concen: 0.960 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 73 Resp: 4210
Ion Ratio Lower Upper
73 100
57 20.9 17.9 26.9

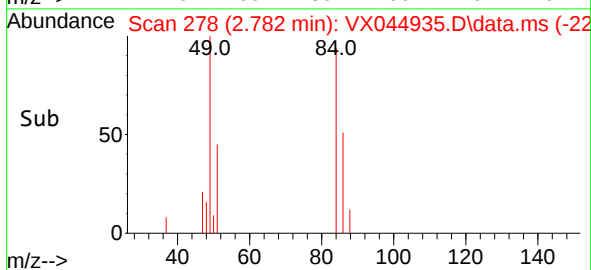
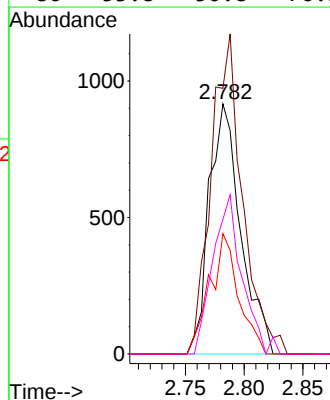
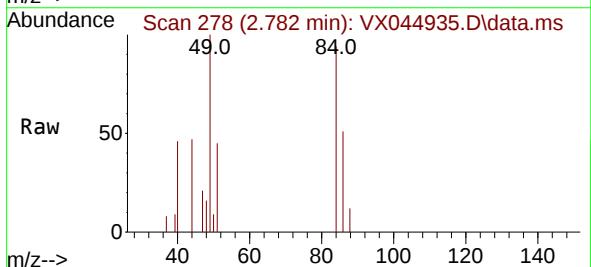
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#20
Methylene Chloride
Concen: 1.112 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

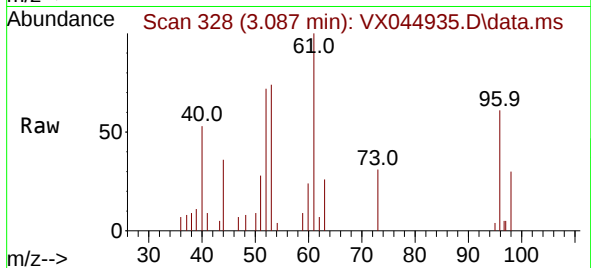
Tgt Ion: 84 Resp: 1716
Ion Ratio Lower Upper
84 100
49 106.2 100.1 150.1
51 48.1 31.7 47.5#
86 53.8 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 0.894 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

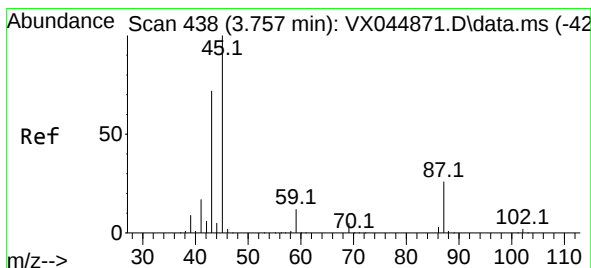
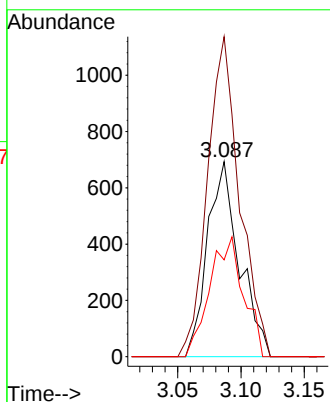
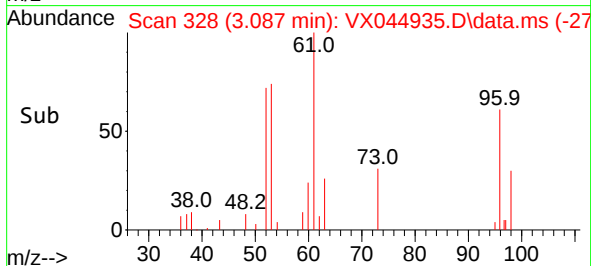
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 96 Resp: 1215
Ion Ratio Lower Upper
96 100
61 164.1 106.0 159.0
98 49.6 50.6 76.0

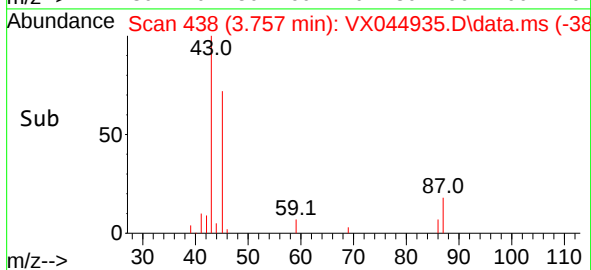
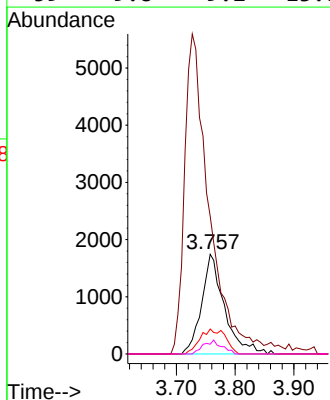
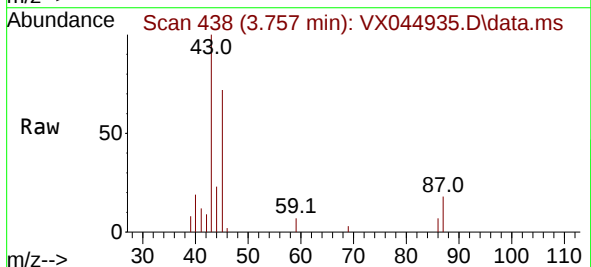
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#22
Diisopropyl ether
Concen: 0.996 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion: 45 Resp: 4699
Ion Ratio Lower Upper
45 100
43 129.3 58.0 87.0#
87 25.0 20.7 31.1
59 9.8 9.2 13.8





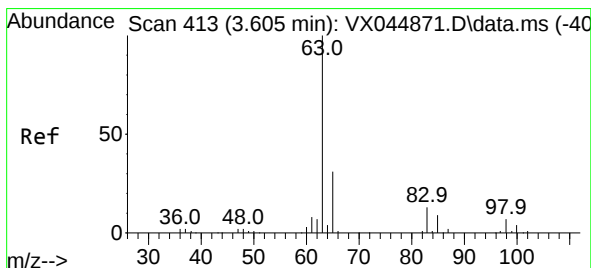
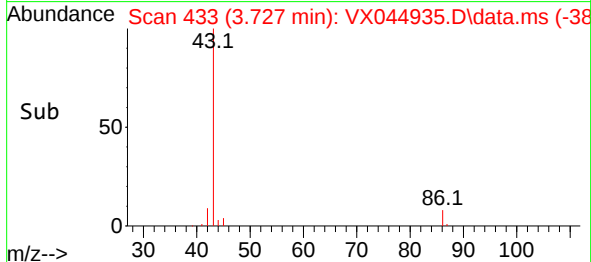
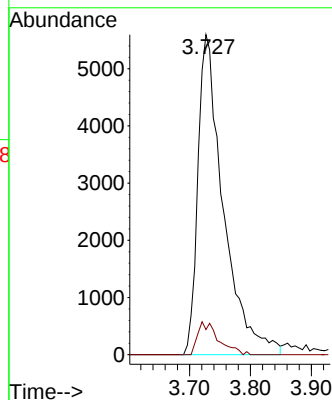
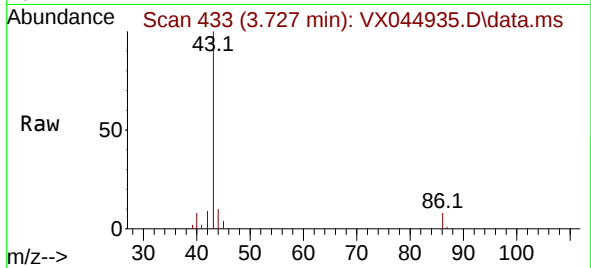
#23
 Vinyl Acetate
 Concen: 4.216 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.012 min
 Lab File: VX044935.D
 Acq: 12 Feb 2025 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion: 43 Resp: 1622
 Ion Ratio Lower Upper
 43 100
 86 7.8 8.3 12.5

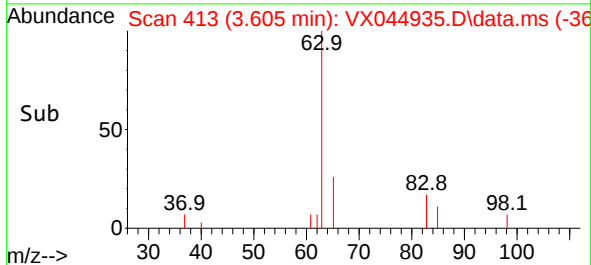
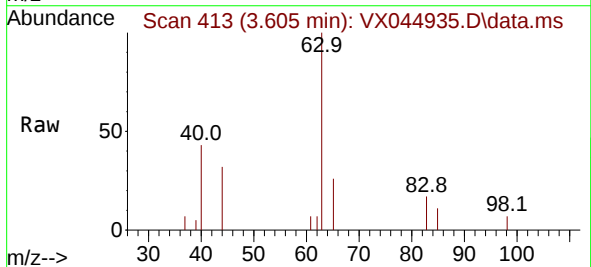
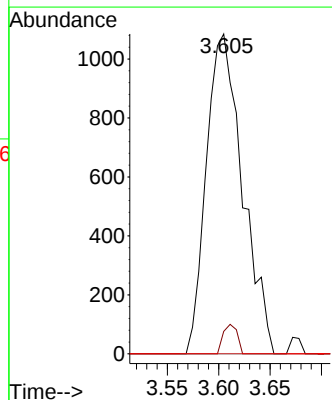
Manual Integrations
 APPROVED

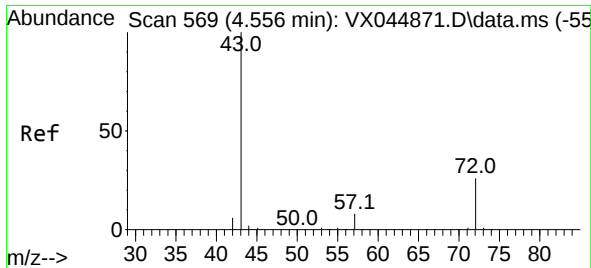
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#24
 1,1-Dichloroethane
 Concen: 1.007 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044935.D
 Acq: 12 Feb 2025 15:58

Tgt Ion: 63 Resp: 2659
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 0.0 2.1 6.5





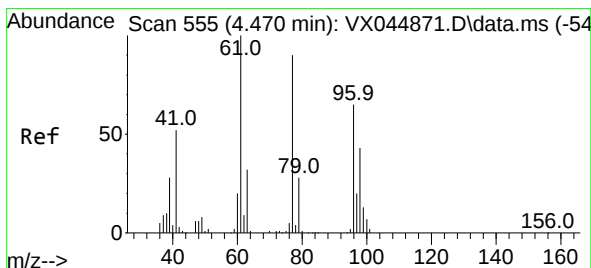
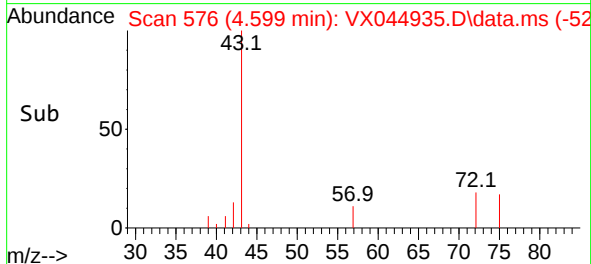
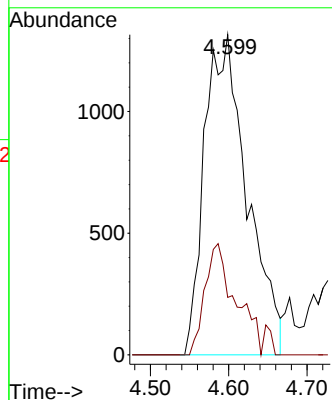
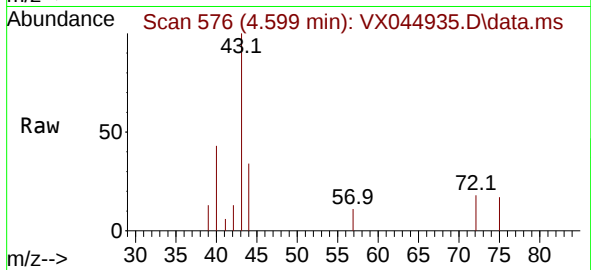
#25
2-Butanone
Concen: 4.865 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 43 Resp: 4979
Ion Ratio Lower Upper
43 100
72 17.9 21.2 31.8

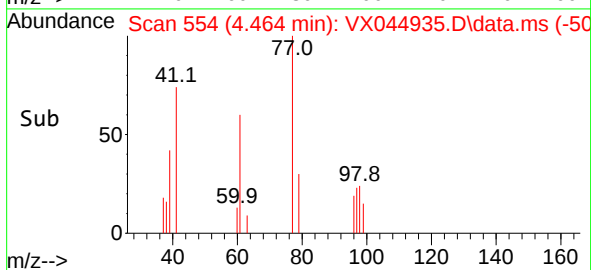
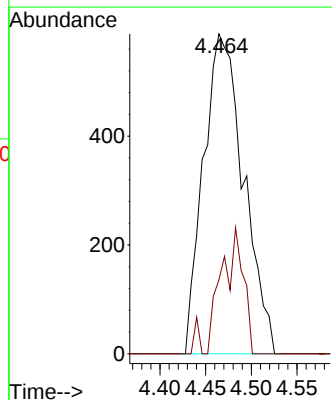
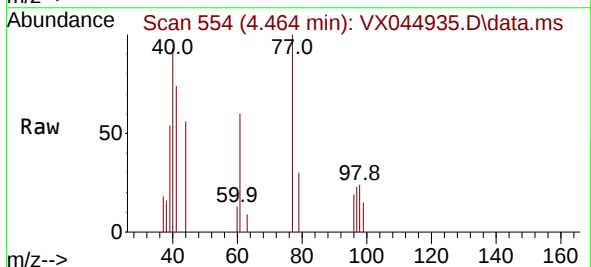
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#26
2,2-Dichloropropane
Concen: 0.858 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion: 77 Resp: 1796
Ion Ratio Lower Upper
77 100
97 21.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 0.874 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

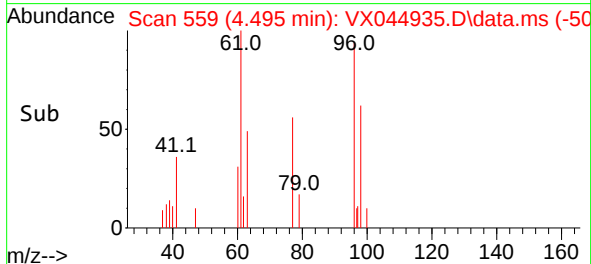
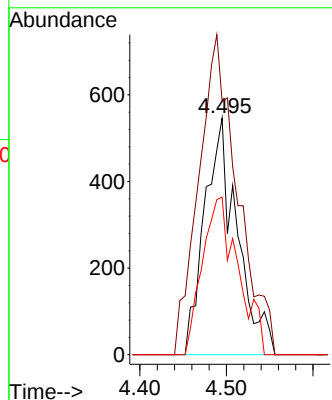
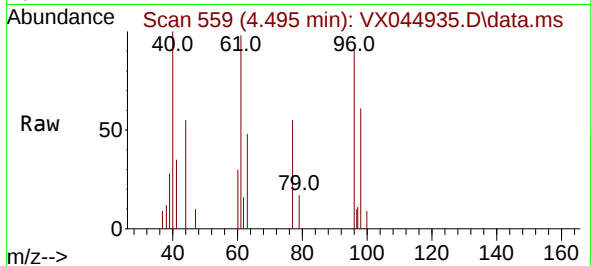
Tgt Ion: 96	Resp: 142
Ion Ratio	Lower Upper
96 100	
61 161.6	0.0 294.0
98 73.2	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#28

Bromochloromethane

Concen: 0.898 ug/l

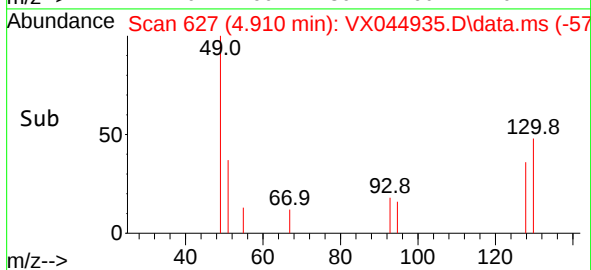
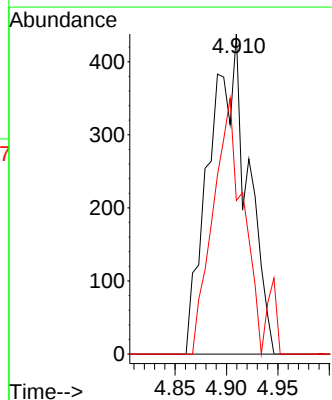
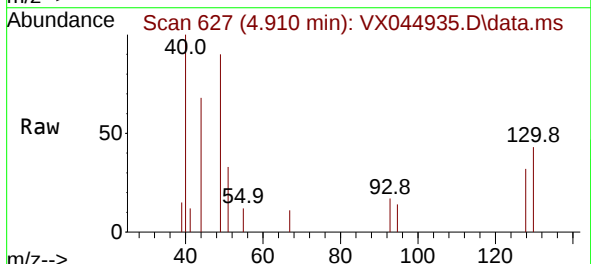
RT: 4.910 min Scan# 627

Delta R.T. 0.018 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Tgt Ion: 49	Resp: 1140
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.6
130 62.3	56.7 85.1





#29

Tetrahydrofuran

Concen: 5.402 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX044935.D

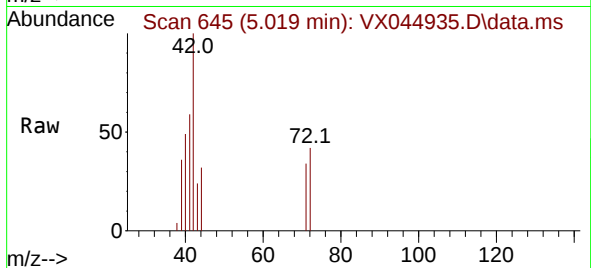
Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

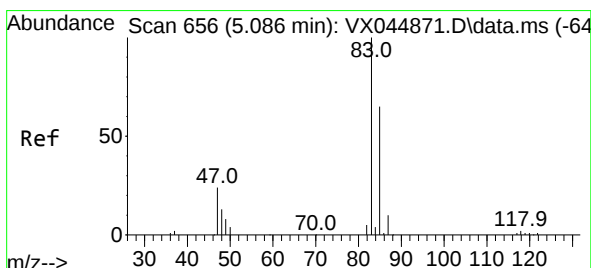
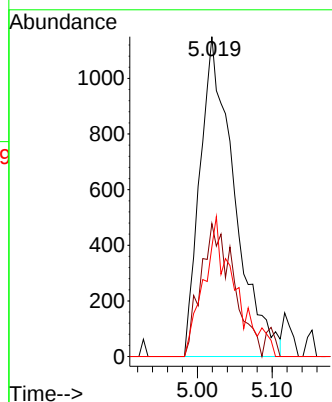
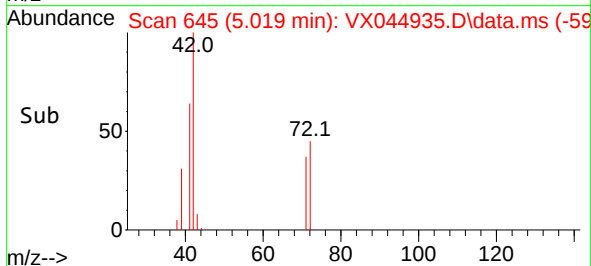


Tgt Ion: 42	Resp: 367
Ion Ratio	Lower Upper
42 100	
72 39.9	35.0 52.4
71 40.0	32.6 48.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 1.039 ug/l

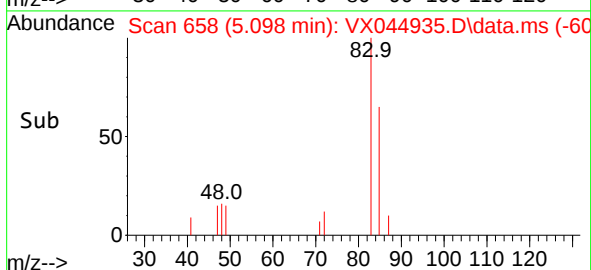
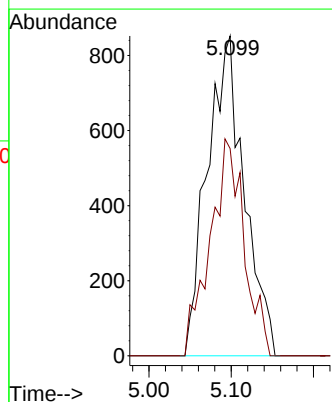
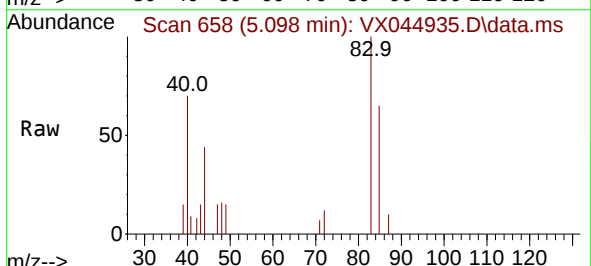
RT: 5.098 min Scan# 658

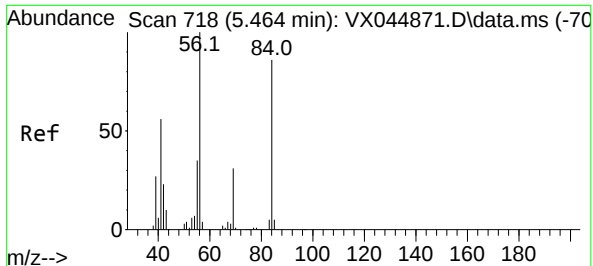
Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

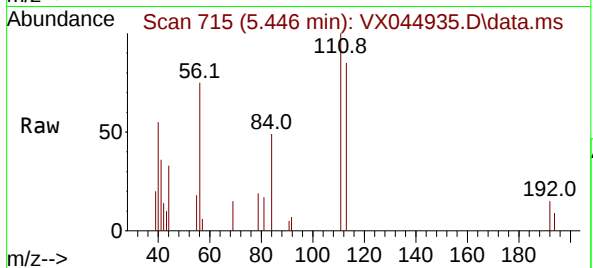
Tgt Ion: 83	Resp: 2662
Ion Ratio	Lower Upper
83 100	
85 64.8	52.1 78.1





#31
Cyclohexane
Concen: 1.004 ug/l
RT: 5.446 min Scan# 715
Delta R.T. -0.018 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

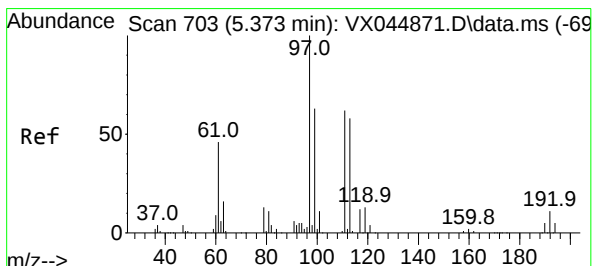
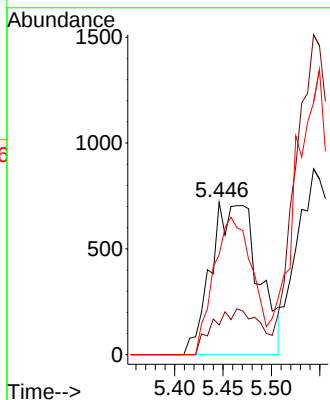
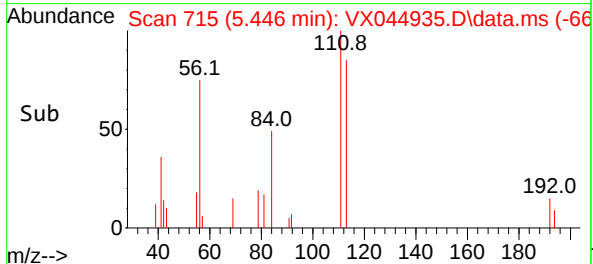
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 56 Resp: 244
Ion Ratio Lower Upper
56 100
69 19.6 24.4 36.6
84 65.7 69.0 103.6

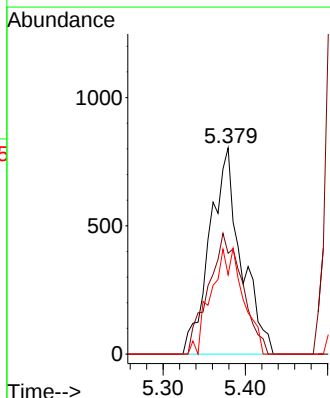
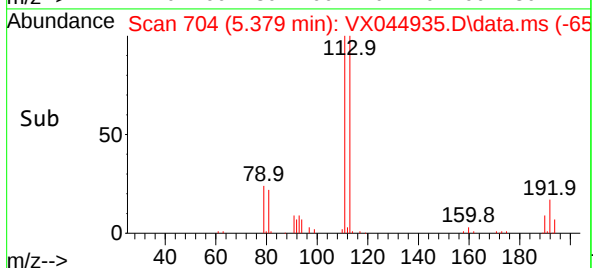
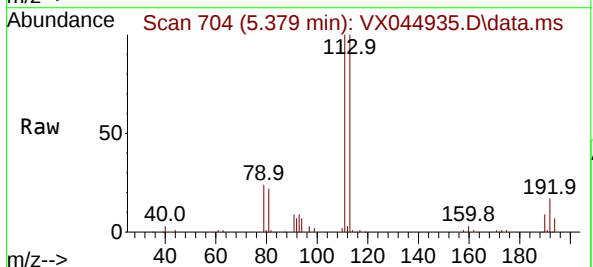
Manual Integrations
APPROVED

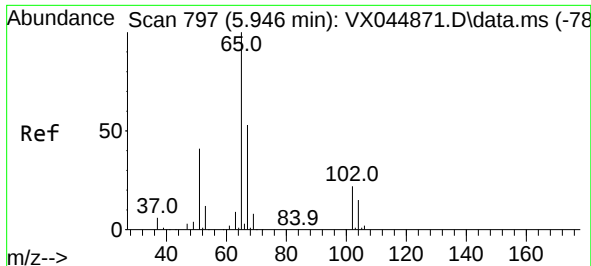
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#32
1,1,1-Trichloroethane
Concen: 0.979 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion: 97 Resp: 2127
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6
61 52.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 57.603 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 65 Resp: 9030

Ion Ratio Lower Upper

65 100

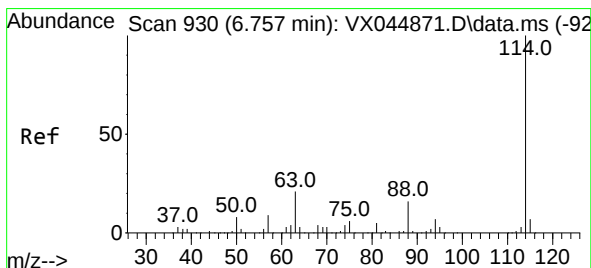
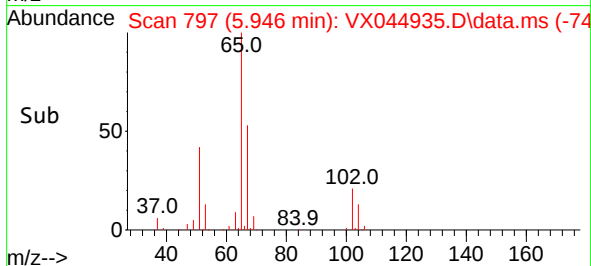
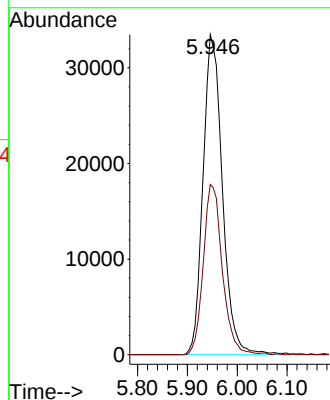
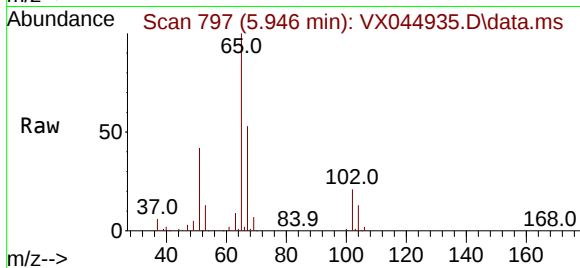
67 52.1 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

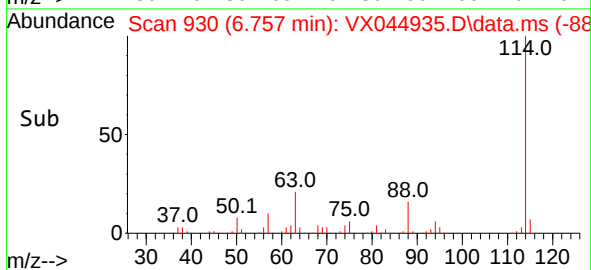
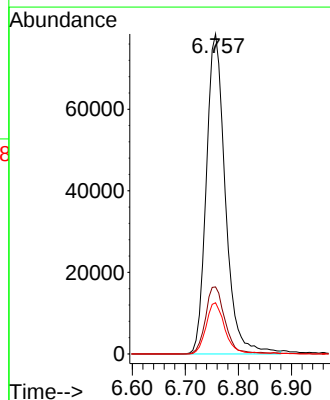
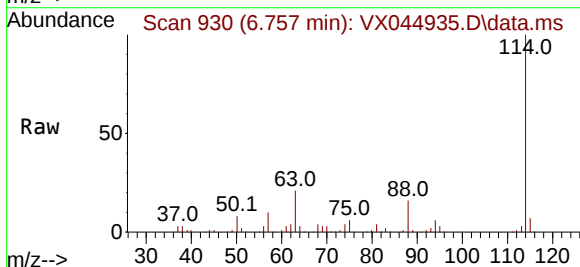
Tgt Ion:114 Resp: 195463

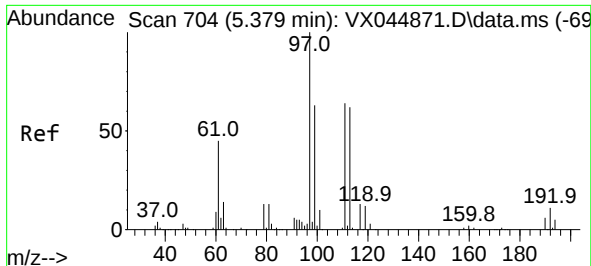
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.325 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 113 Resp: 70309

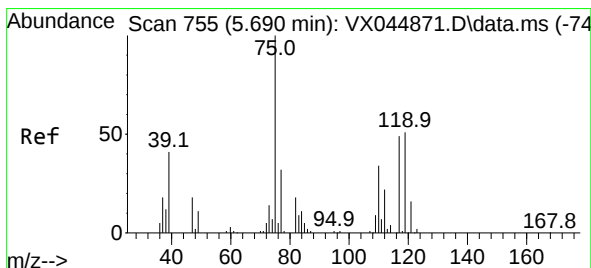
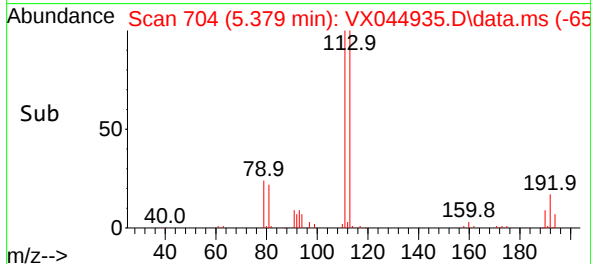
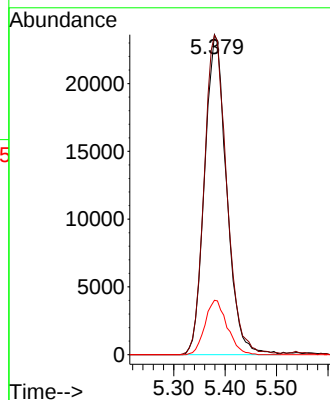
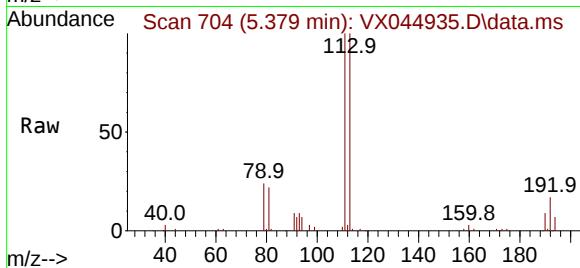
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.5	125.3
192	17.1	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#36

1,1-Dichloropropene

Concen: 1.158 ug/l

RT: 5.684 min Scan# 754

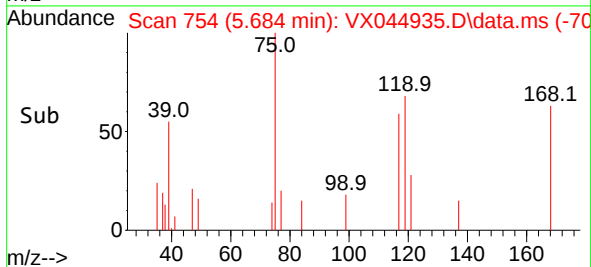
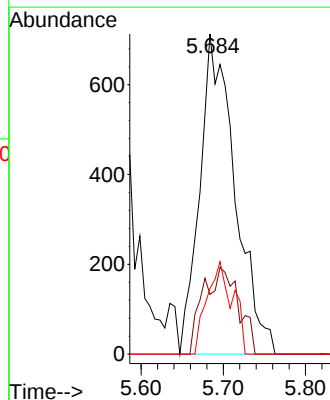
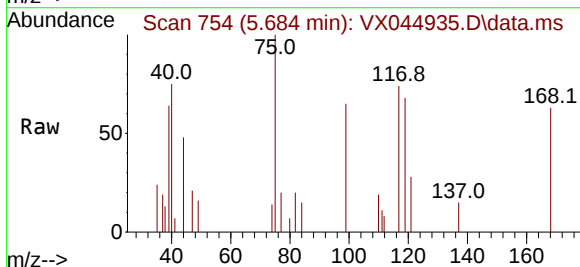
Delta R.T. -0.006 min

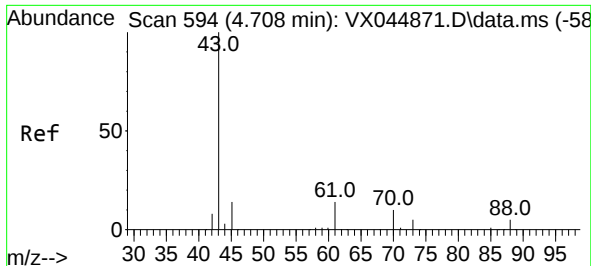
Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Tgt Ion: 75 Resp: 2124

Ion	Ratio	Lower	Upper
75	100		
110	27.2	17.2	51.6
77	21.1	24.6	37.0#





#37

Ethyl Acetate

Concen: 1.124 ug/l m

RT: 4.739 min Scan# 594

Delta R.T. 0.031 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

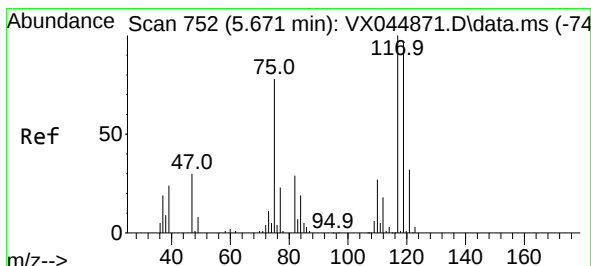
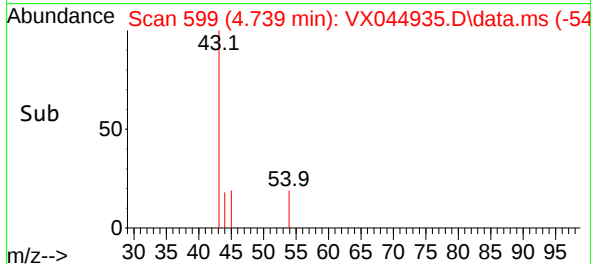
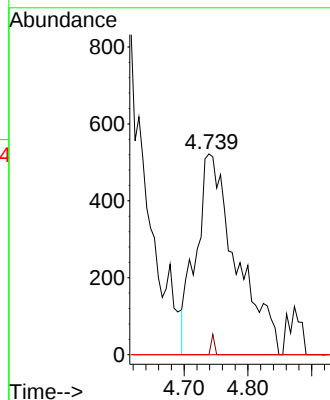
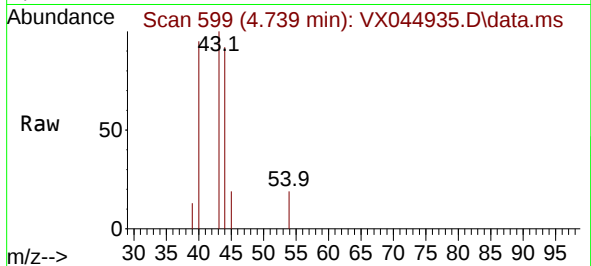
Tgt Ion: 43	Resp: 229
Ion Ratio	Lower Upper
43 100	
61 0.0	11.0 16.4
70 0.0	8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#38

Carbon Tetrachloride

Concen: 1.137 ug/l

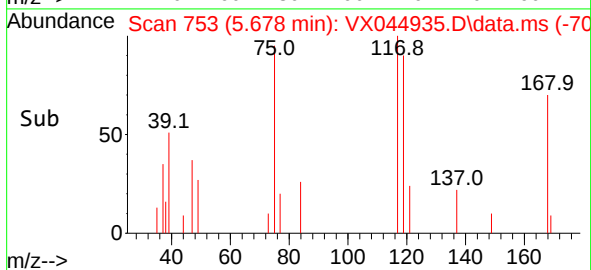
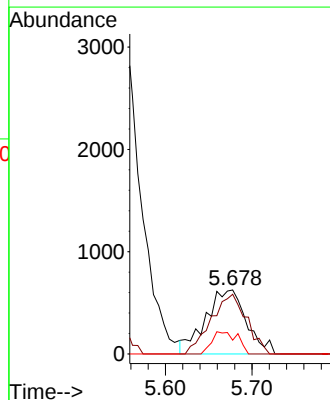
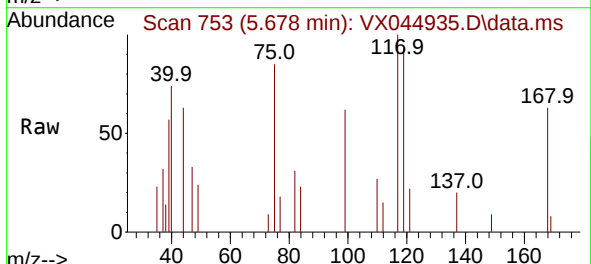
RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

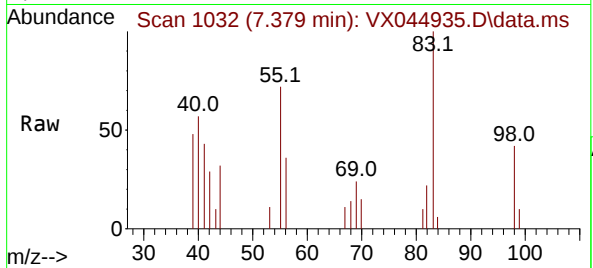
Tgt Ion: 117	Resp: 2043
Ion Ratio	Lower Upper
117 100	
119 93.1	77.5 116.3
121 21.6	25.6 38.4





#39
Methylcyclohexane
Concen: 0.907 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

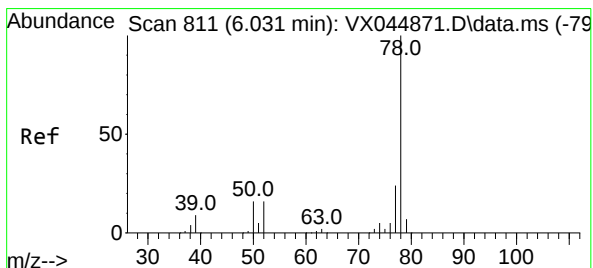
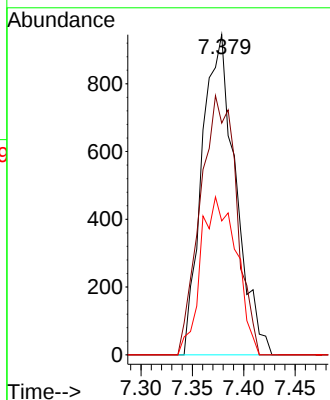
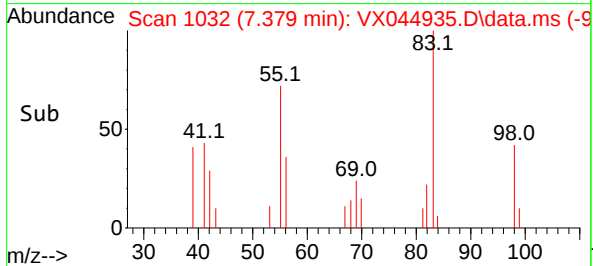
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 83 Resp: 2150
Ion Ratio Lower Upper
83 100
55 72.4 61.3 91.9
98 41.8 37.0 55.6

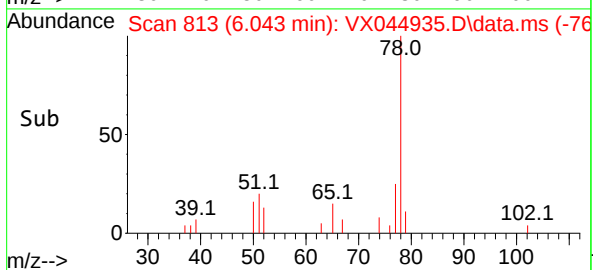
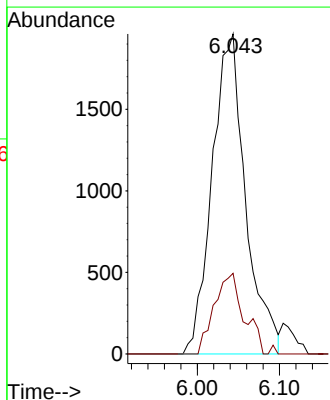
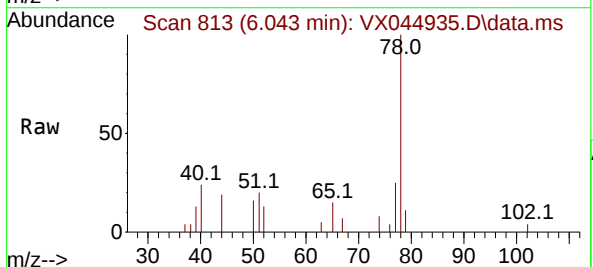
Manual Integrations
APPROVED

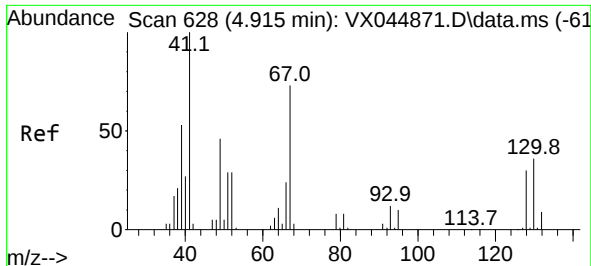
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#40
Benzene
Concen: 0.969 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

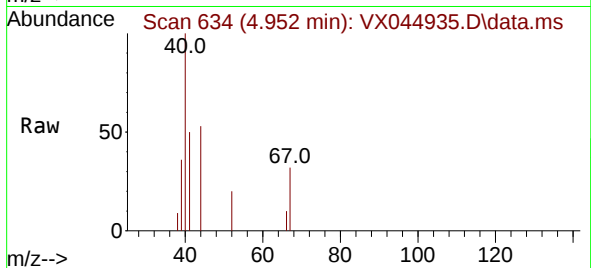
Tgt Ion: 78 Resp: 5550
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.6





#41
Methacrylonitrile
Concen: 0.908 ug/l m
RT: 4.952 min Scan# 61
Delta R.T. 0.037 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

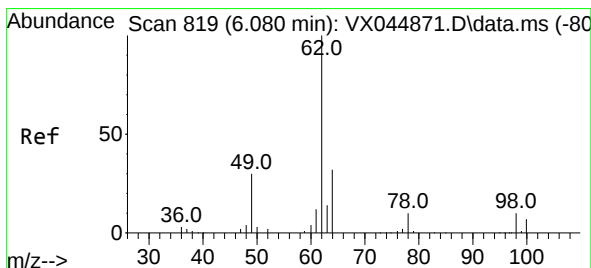
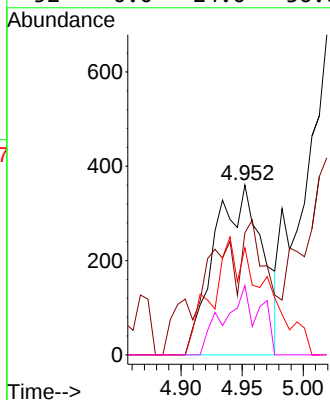
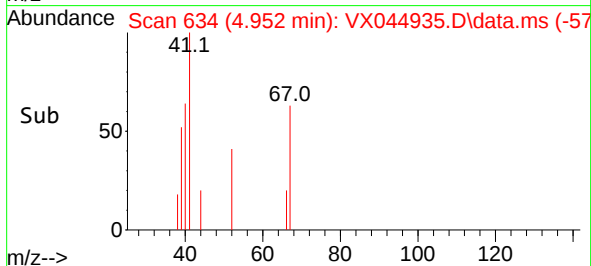
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 41 Resp: 99
Ion Ratio Lower Upper
41 100
39 54.9 43.1 64.7
67 76.7 57.0 85.6
52 0.0 24.0 36.0#

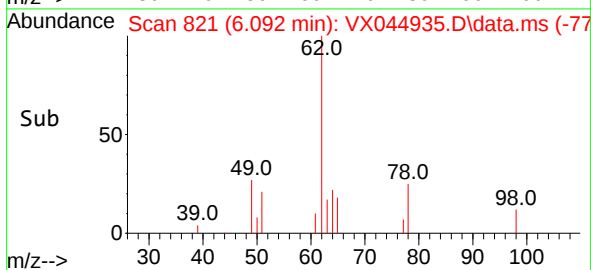
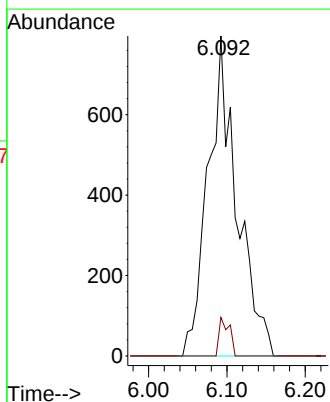
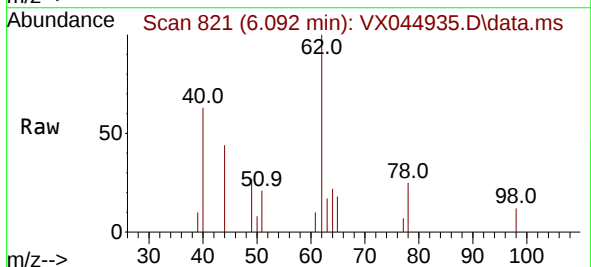
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#42
1,2-Dichloroethane
Concen: 1.117 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

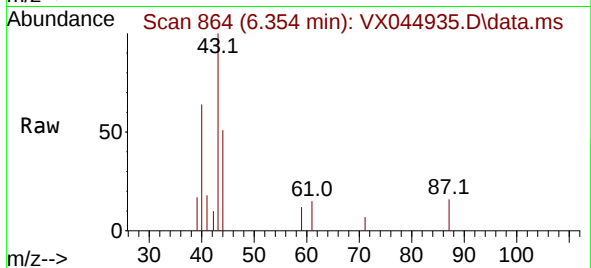
Tgt Ion: 62 Resp: 2039
Ion Ratio Lower Upper
62 100
98 4.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 0.912 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

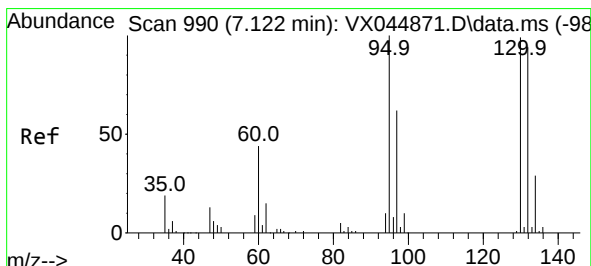
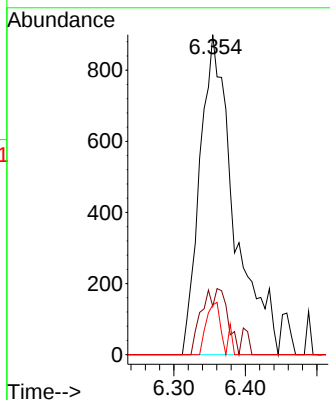
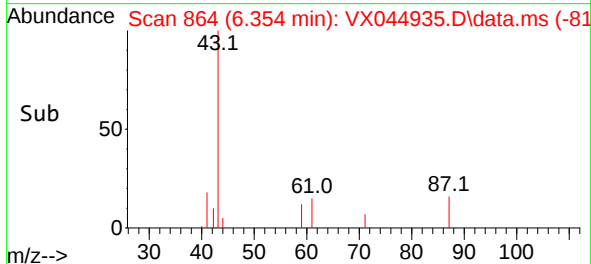
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
61 15.4 15.8 23.8
87 6.5 10.0 15.0

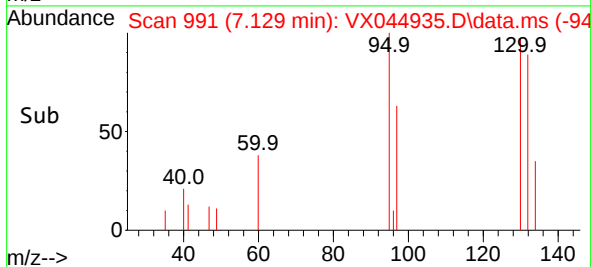
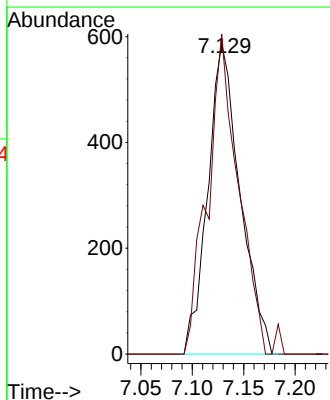
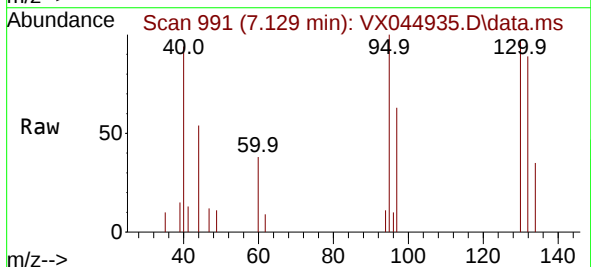
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#44
Trichloroethene
Concen: 0.983 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion:130 Resp: 1287
Ion Ratio Lower Upper
130 100
95 103.1 0.0 202.4





#45

1,2-Dichloropropane

Concen: 1.044 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 63 Resp: 148

Ion Ratio Lower Upper

63 100

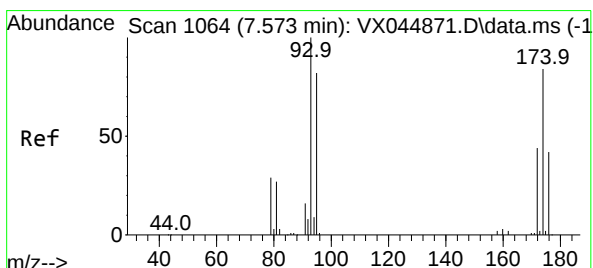
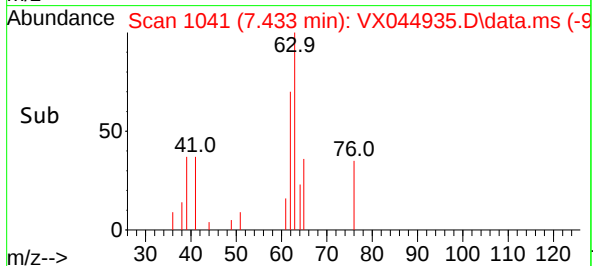
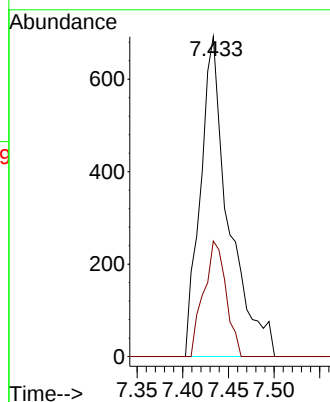
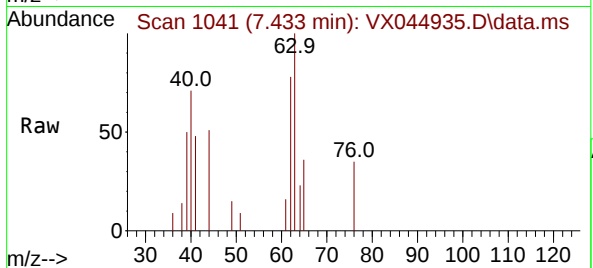
65 36.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#46

Dibromomethane

Concen: 0.990 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.018 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

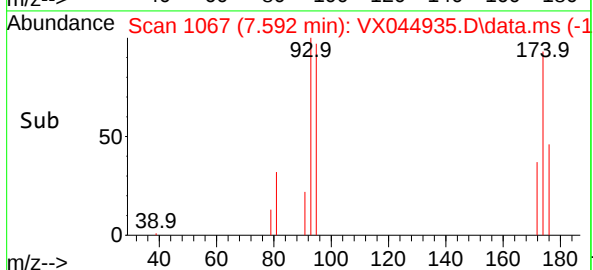
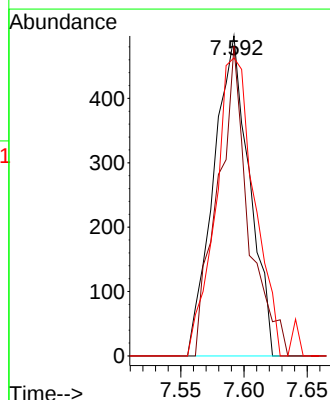
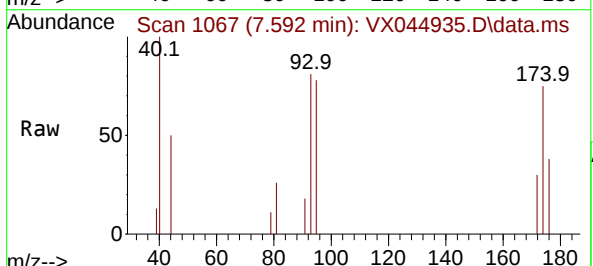
Tgt Ion: 93 Resp: 978

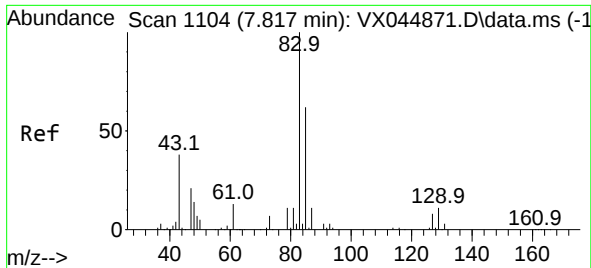
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

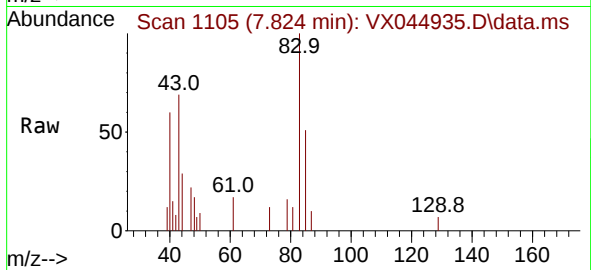
174 101.2 69.9 104.9





#47
Bromodichloromethane
Concen: 0.931 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

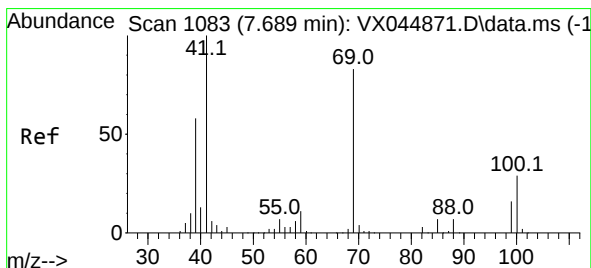
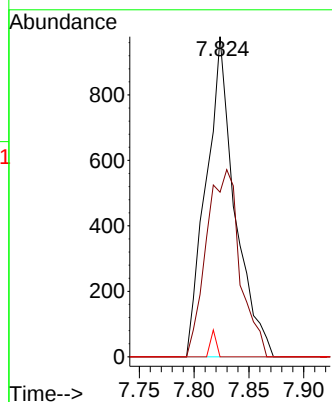
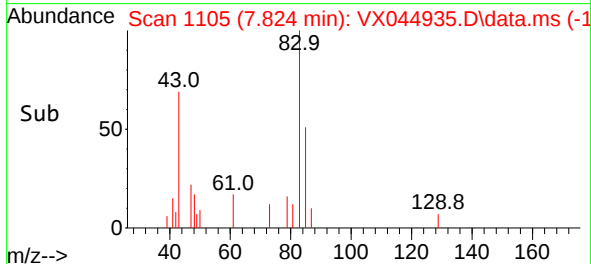
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 83 Resp: 1780
Ion Ratio Lower Upper
83 100
85 51.4 50.0 75.0
127 0.0 6.4 9.6

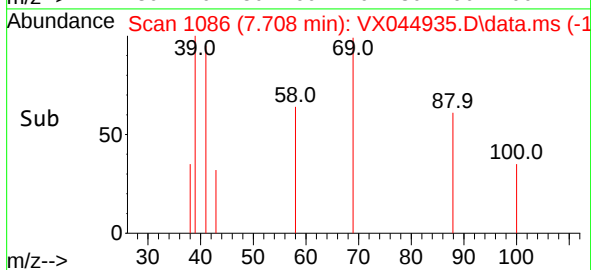
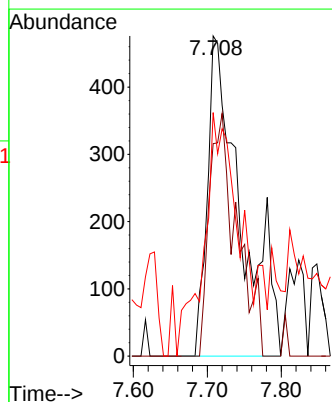
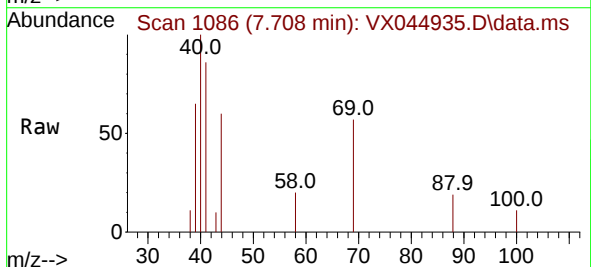
Manual Integrations
APPROVED

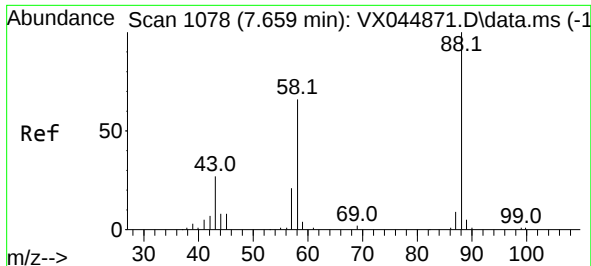
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#48
Methyl methacrylate
Concen: 0.949 ug/l m
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

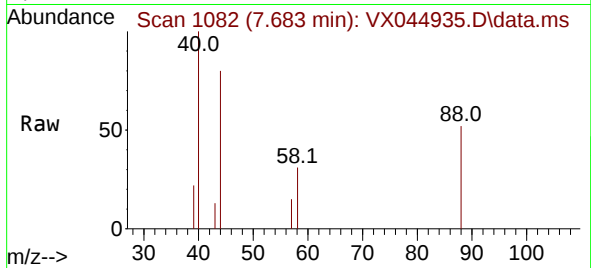
Tgt Ion: 41 Resp: 1474
Ion Ratio Lower Upper
41 100
69 63.3 65.8 98.8#
39 78.0 46.4 69.6#





#49
1,4-Dioxane
Concen: 17.560 ug/l
RT: 7.683 min Scan# 1078
Delta R.T. 0.025 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

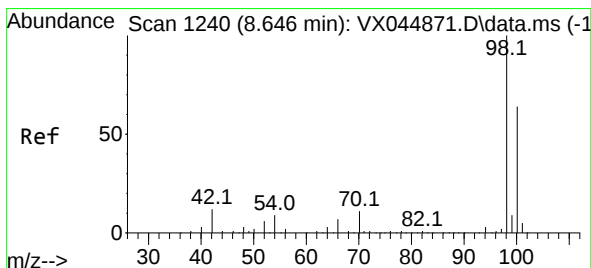
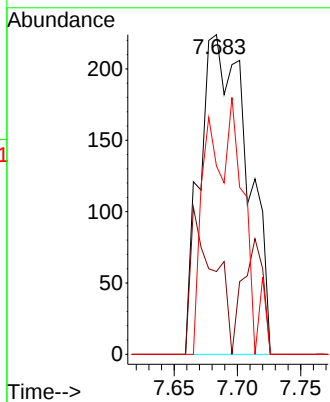
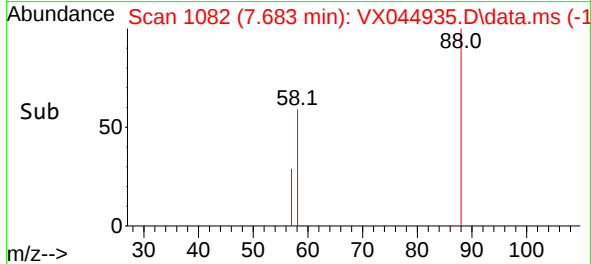
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 88 Resp: 589
Ion Ratio Lower Upper
88 100
43 22.6 26.6 39.8
58 33.5 55.9 83.9

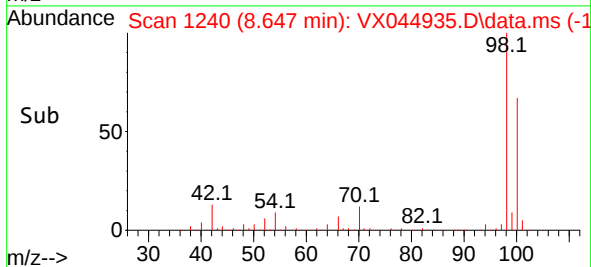
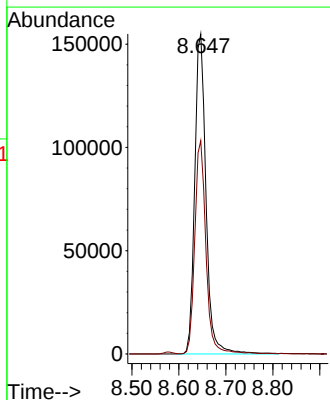
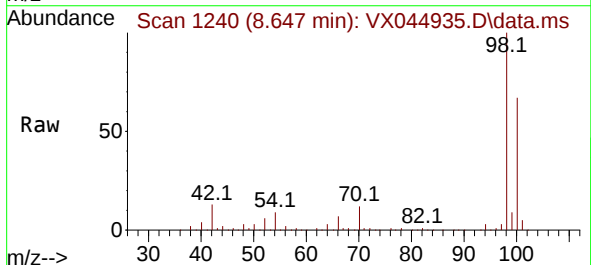
Manual Integrations
APPROVED

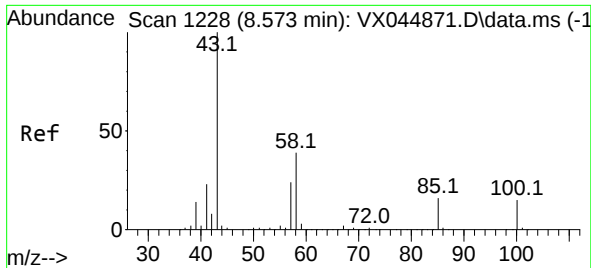
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#50
Toluene-d8
Concen: 54.162 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

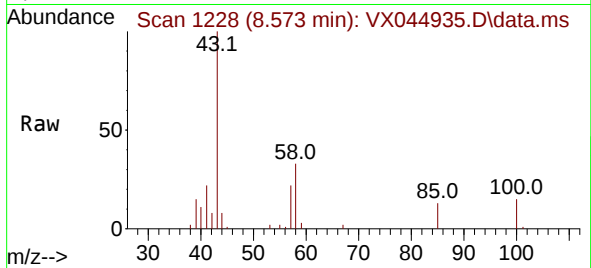
Tgt Ion: 98 Resp: 260278
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 4.790 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

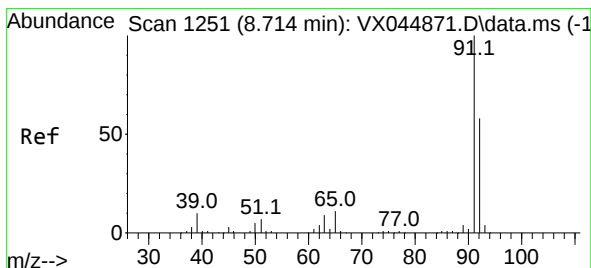
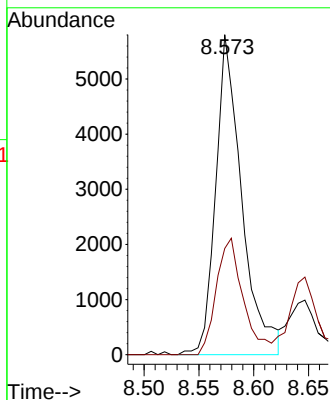
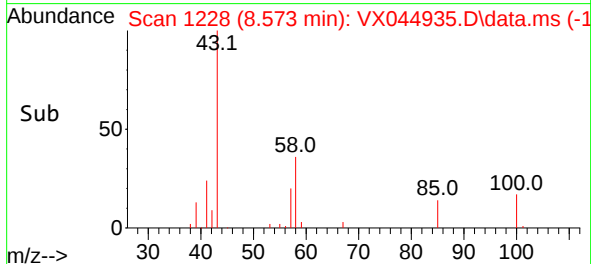
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



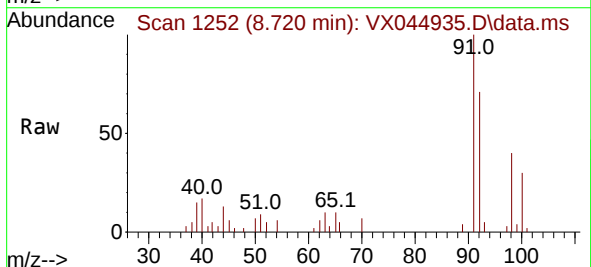
Tgt Ion: 43 Resp: 9590
Ion Ratio Lower Upper
43 100
58 37.7 30.8 46.2

Manual Integrations
APPROVED

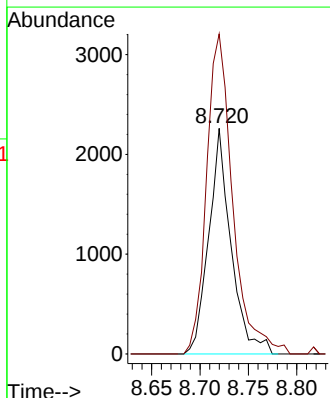
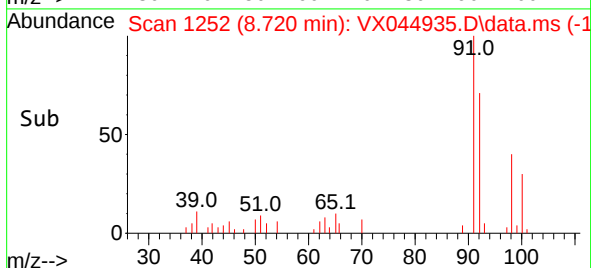
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

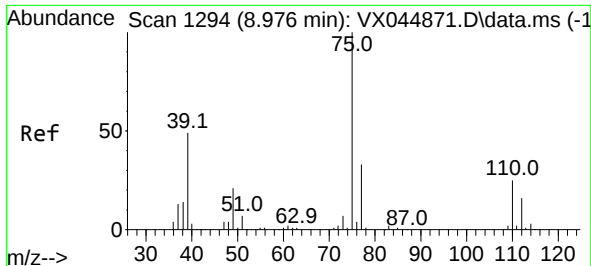


#52
Toluene
Concen: 1.066 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58



Tgt Ion: 92 Resp: 3636
Ion Ratio Lower Upper
92 100
91 166.1 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 0.761 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 75 Resp: 147

Ion Ratio Lower Upper

75 100

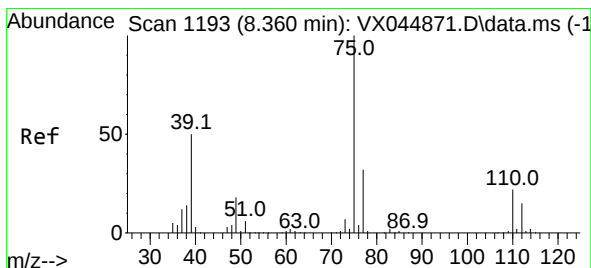
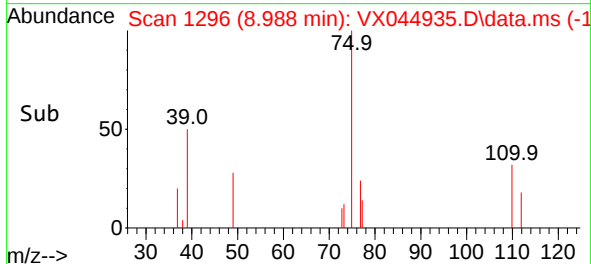
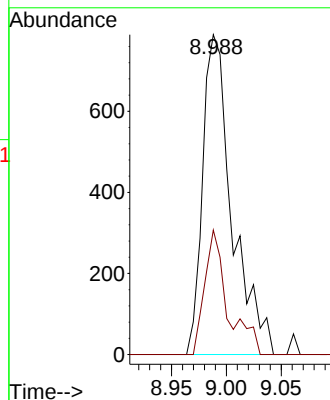
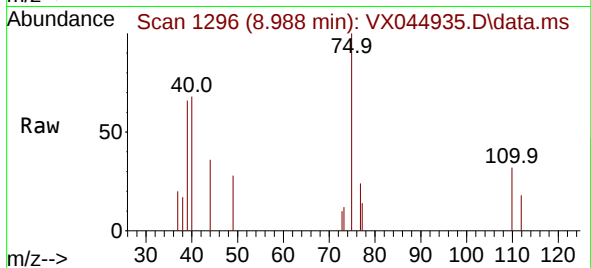
77 38.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#54

cis-1,3-Dichloropropene

Concen: 0.923 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

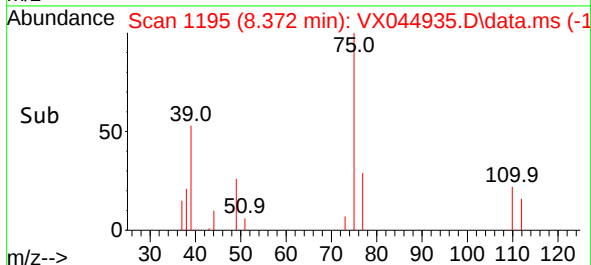
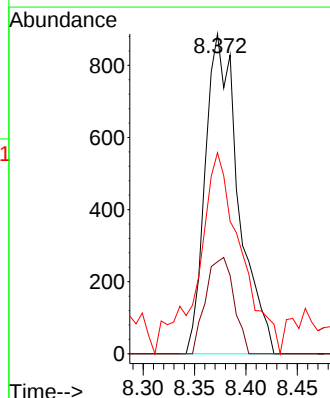
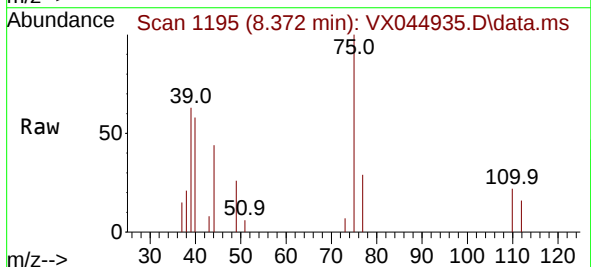
Tgt Ion: 75 Resp: 1992

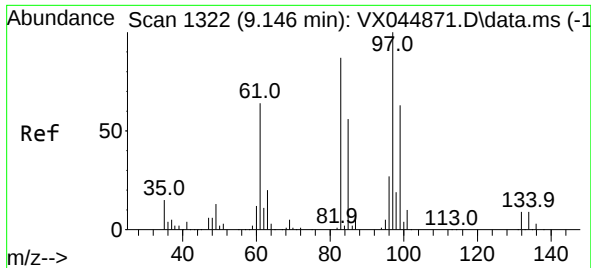
Ion Ratio Lower Upper

75 100

77 28.7 25.3 37.9

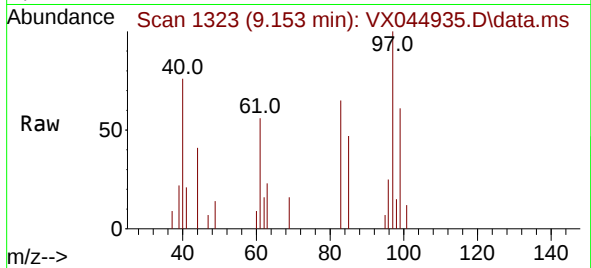
39 62.9 40.0 60.0#





#55
 1,1,2-Trichloroethane
 Concen: 0.951 ug/l
 RT: 9.153 min Scan# 1322
 Delta R.T. 0.006 min
 Lab File: VX044935.D
 Acq: 12 Feb 2025 15:58

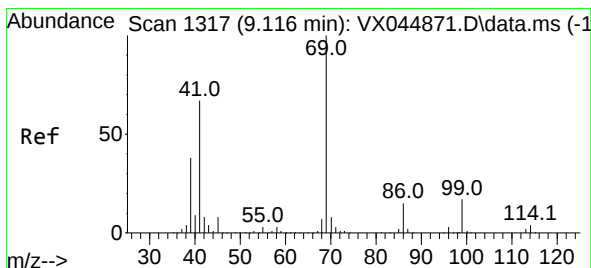
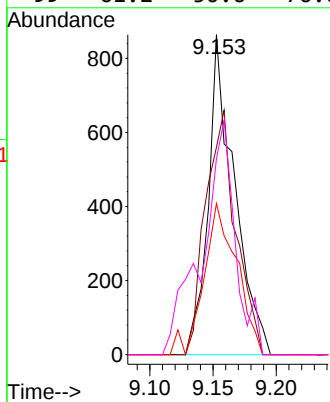
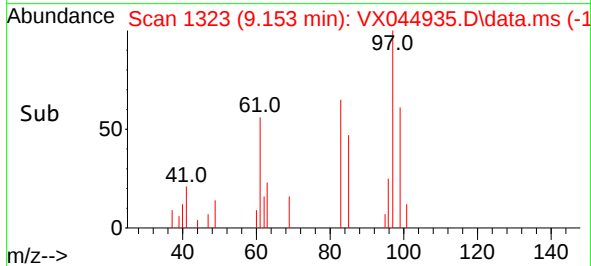
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



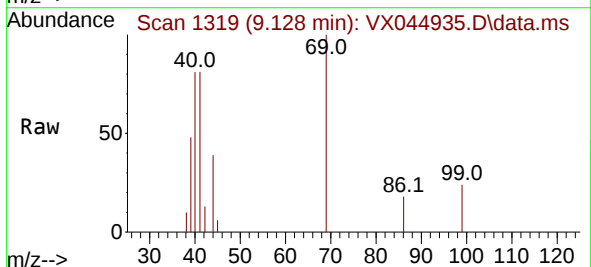
Tgt Ion	Ratio	Lower	Upper
97	100		
83	64.8	69.8	104.6
85	47.2	44.8	67.2
99	61.2	50.6	76.0

Manual Integrations
 APPROVED

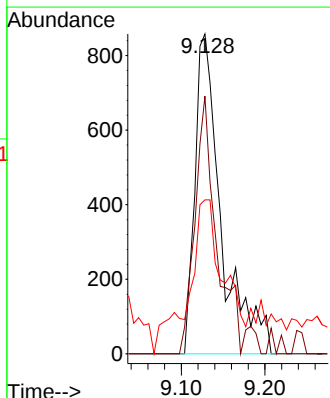
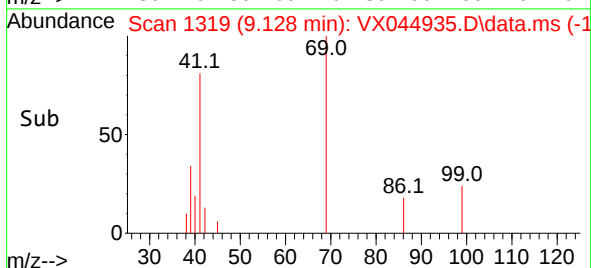
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

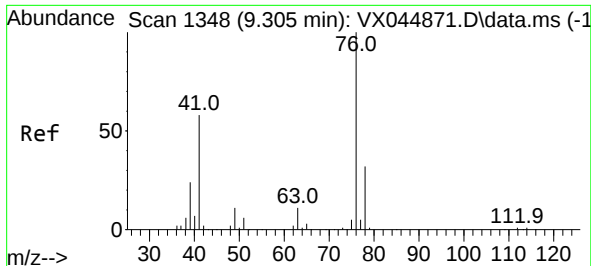


#56
 Ethyl methacrylate
 Concen: 0.890 ug/l m
 RT: 9.128 min Scan# 1319
 Delta R.T. 0.012 min
 Lab File: VX044935.D
 Acq: 12 Feb 2025 15:58



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.9	55.2	82.8
39	65.2	30.8	46.2





#57

1,3-Dichloropropane

Concen: 1.049 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

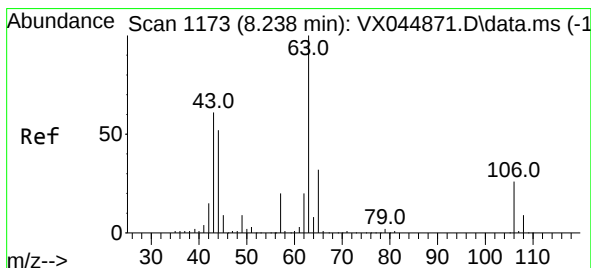
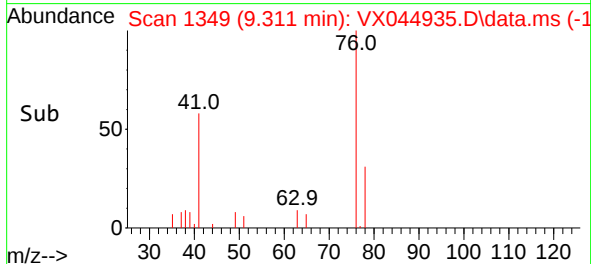
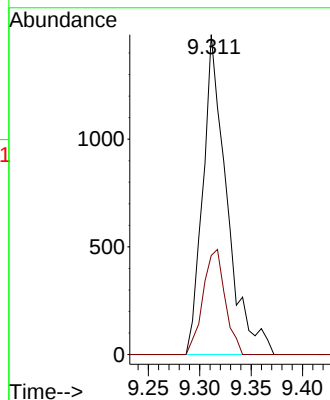
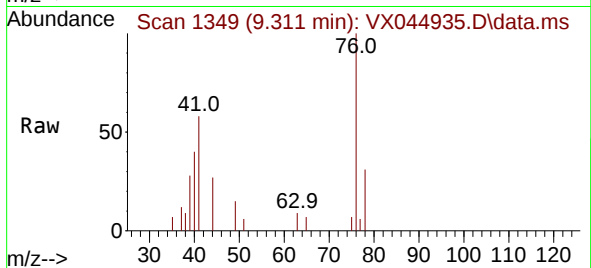
Tgt Ion: 76 Resp: 2400
 Ion Ratio Lower Upper
 76 100
 78 30.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 4.258 ug/l

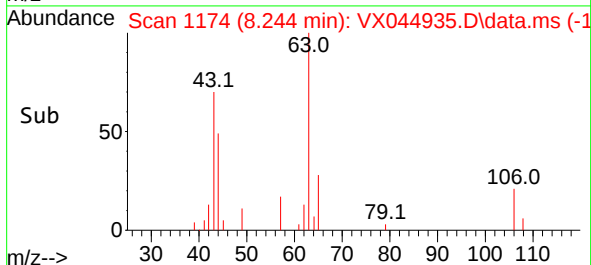
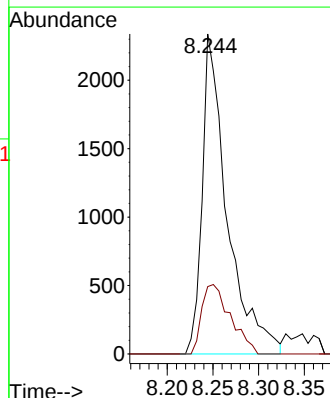
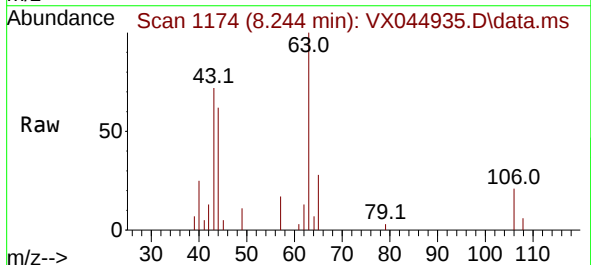
RT: 8.244 min Scan# 1174

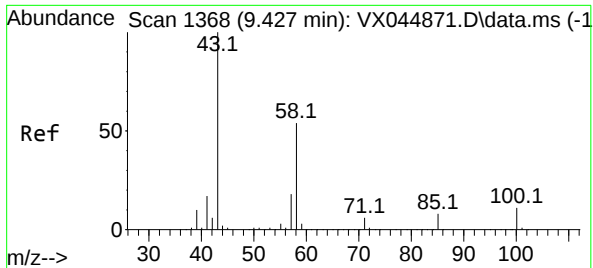
Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Tgt Ion: 63 Resp: 4426
 Ion Ratio Lower Upper
 63 100
 106 25.0 21.3 31.9





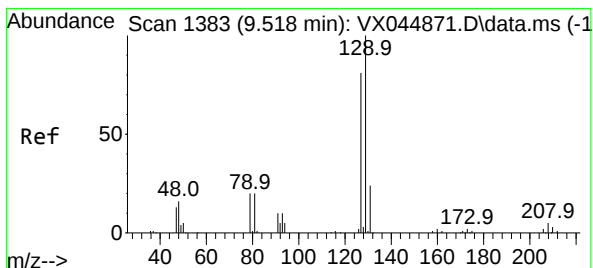
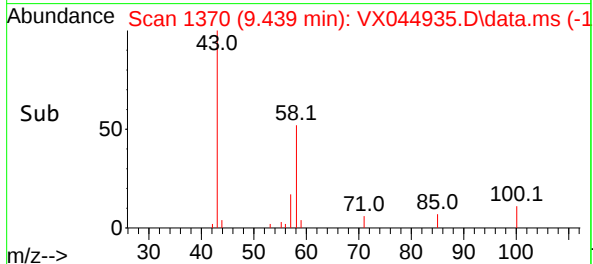
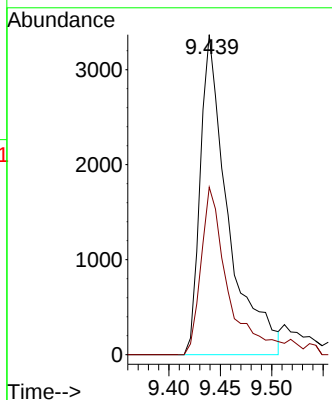
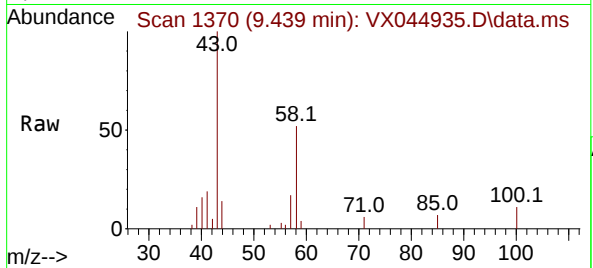
#59
2-Hexanone
Concen: 4.396 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 54.1 27.5 82.4

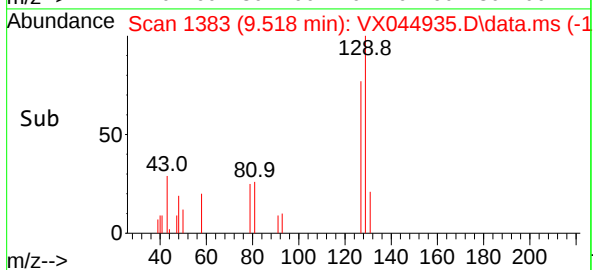
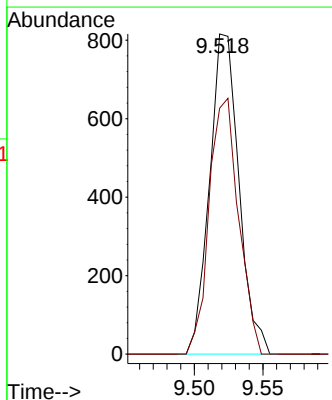
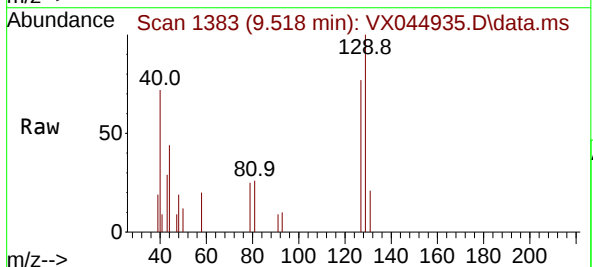
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#60
Dibromochloromethane
Concen: 0.868 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion:129 Resp: 1217
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.3





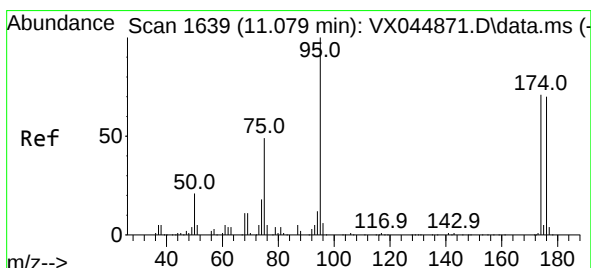
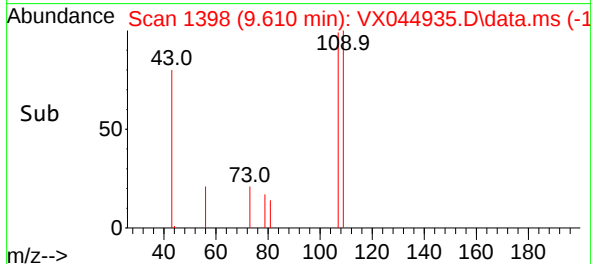
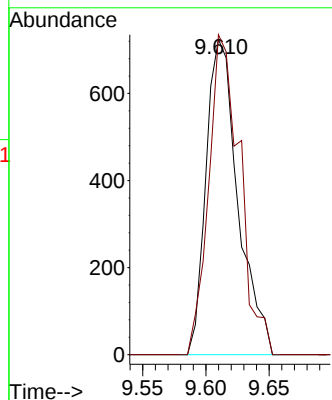
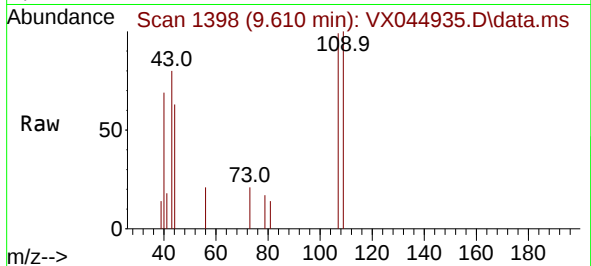
#61
1,2-Dibromoethane
Concen: 0.957 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:107 Resp: 1272
Ion Ratio Lower Upper
107 100
109 99.2 75.9 113.9

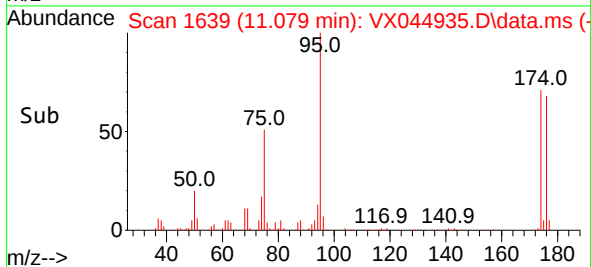
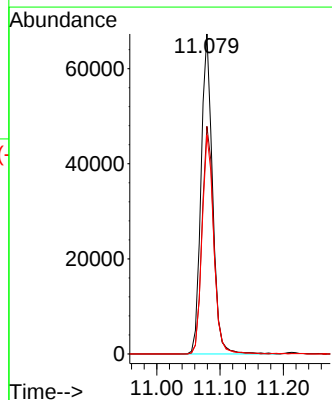
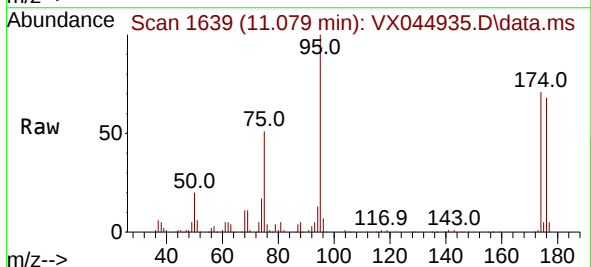
Manual Integrations
APPROVED

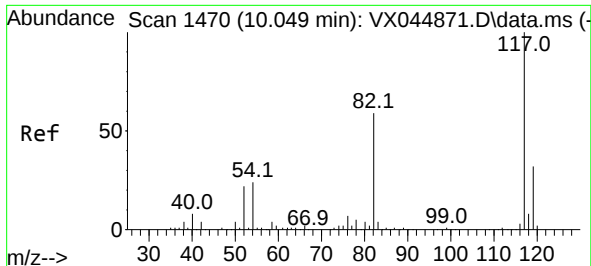
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#62
4-Bromofluorobenzene
Concen: 52.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

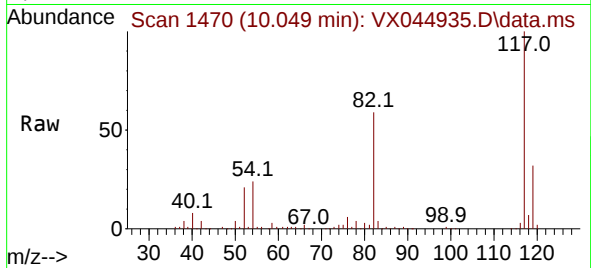
Tgt Ion: 95 Resp: 84920
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 69.8 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

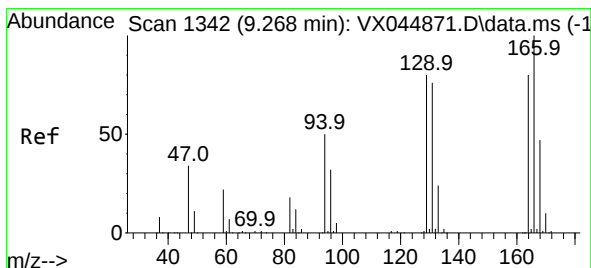
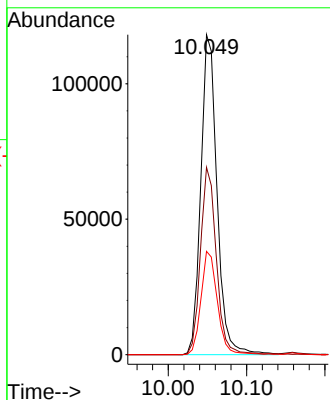
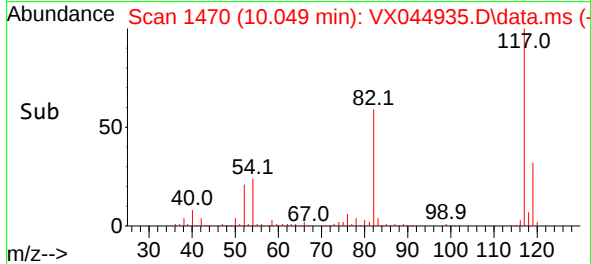
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:117 Resp: 170149
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 32.3 25.4 38.0

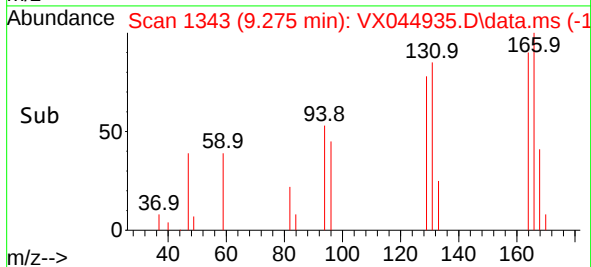
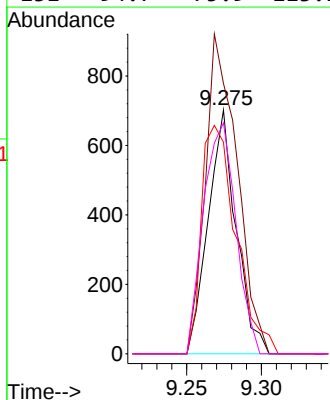
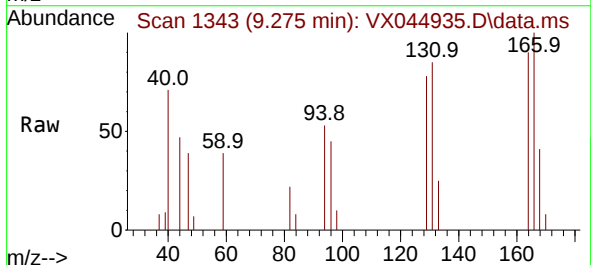
Manual Integrations
APPROVED

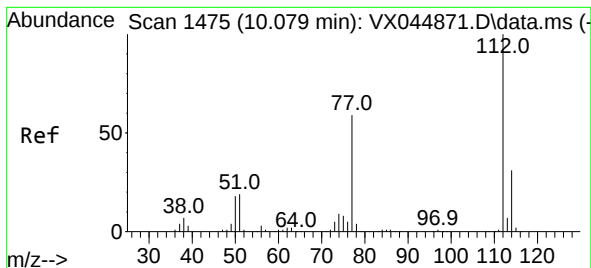
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#64
Tetrachloroethene
Concen: 0.854 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion:164 Resp: 916
Ion Ratio Lower Upper
164 100
166 110.8 100.4 150.6
129 86.8 79.9 119.9
131 94.7 75.9 113.9





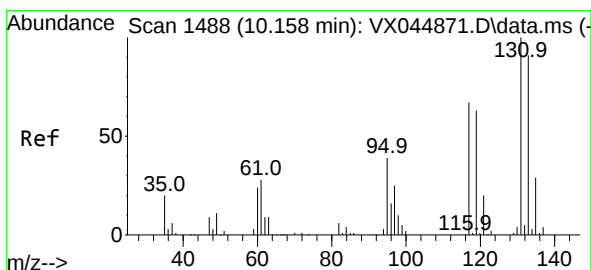
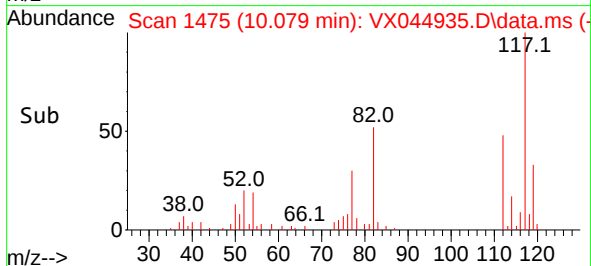
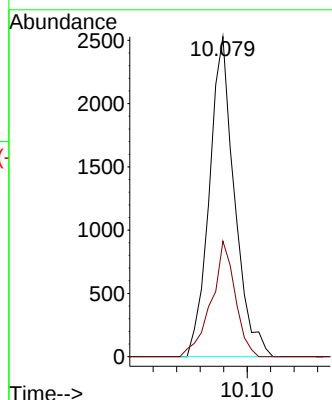
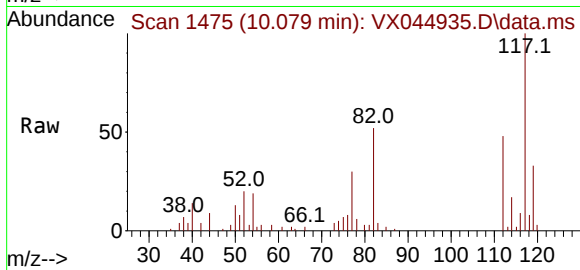
#65
Chlorobenzene
Concen: 1.028 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion:112 Resp: 3750
Ion Ratio Lower Upper
112 100
114 36.1 25.0 37.6

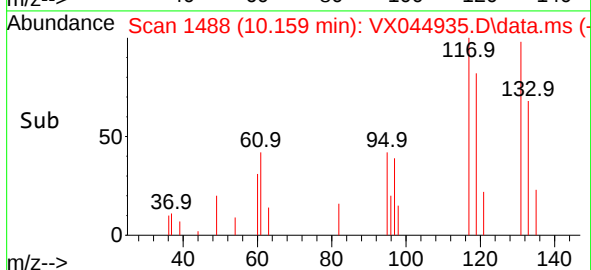
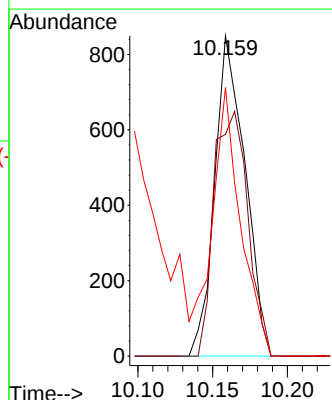
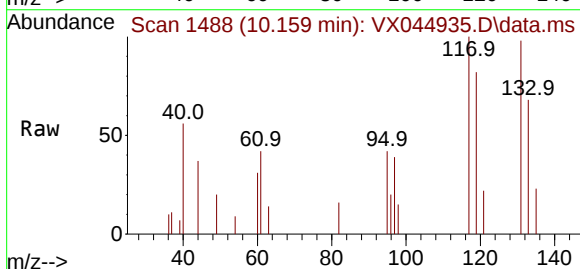
Manual Integrations
APPROVED

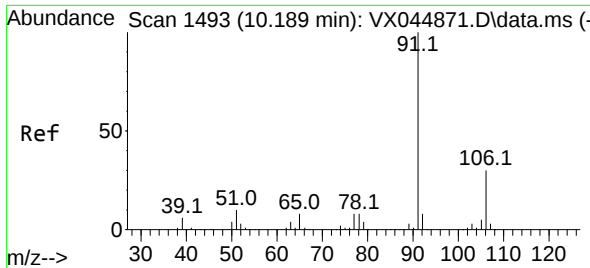
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 1.018 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion:131 Resp: 1198
Ion Ratio Lower Upper
131 100
133 85.9 47.1 141.3
119 0.0 33.6 100.6#





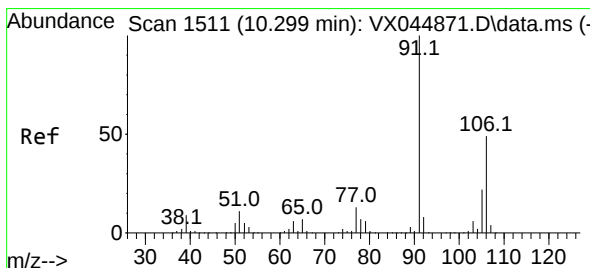
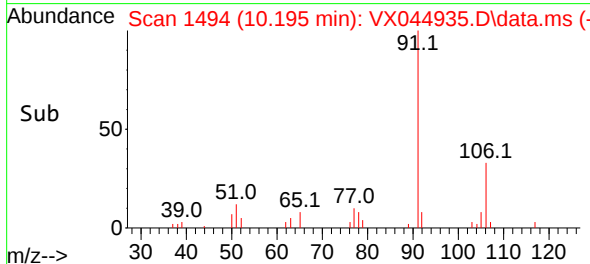
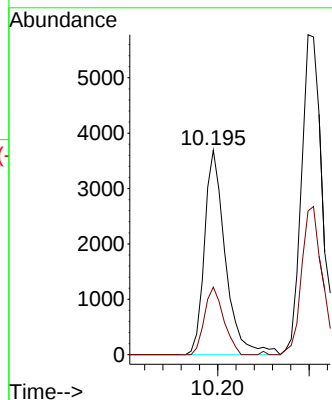
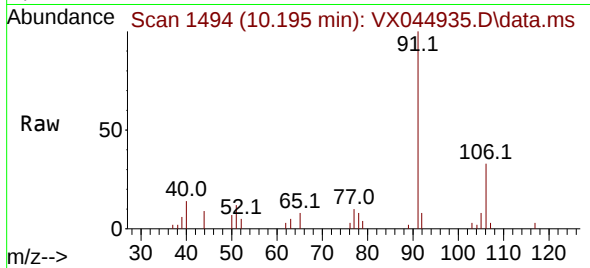
#67
Ethyl Benzene
Concen: 0.909 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 91 Resp: 5860
Ion Ratio Lower Upper
91 100
106 33.0 23.9 35.9

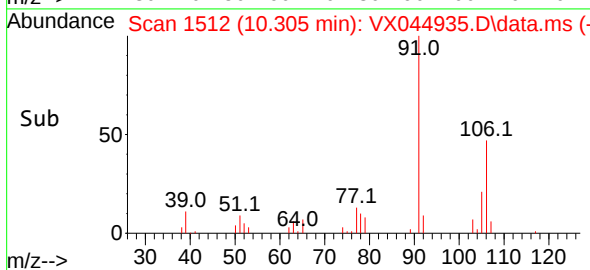
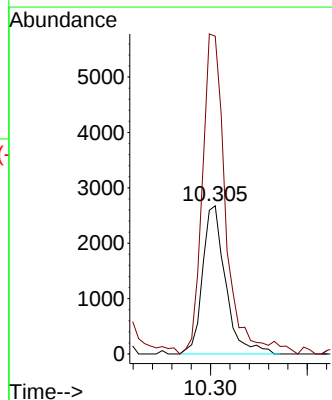
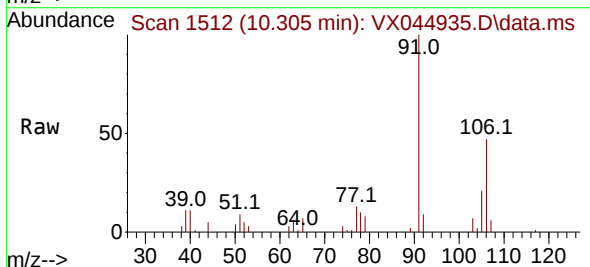
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#68
m/p-Xylenes
Concen: 1.860 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion:106 Resp: 4425
Ion Ratio Lower Upper
106 100
91 219.2 164.3 246.5





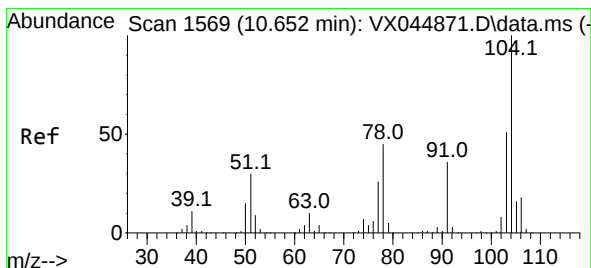
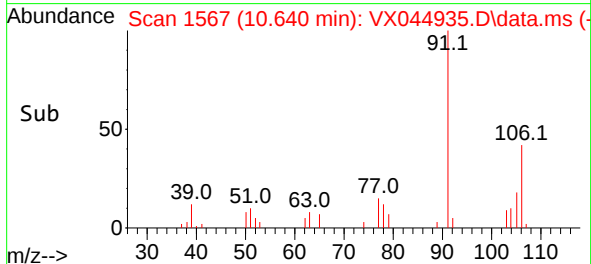
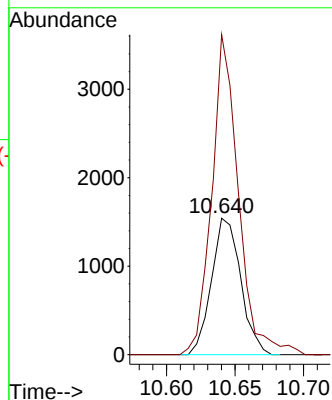
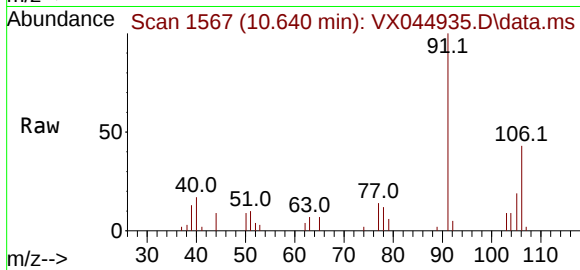
#69
o-Xylene
Concen: 0.957 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:106 Resp: 228
Ion Ratio Lower Upper
106 100
91 214.4 108.5 325.5

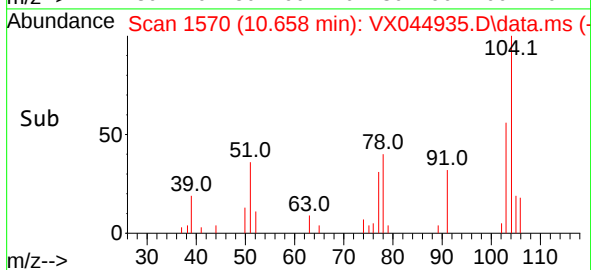
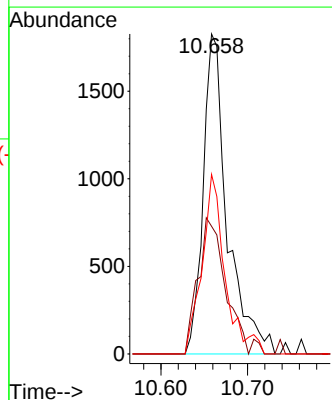
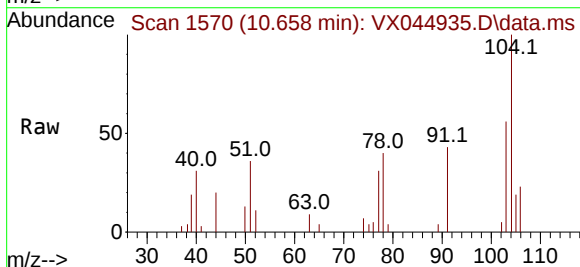
Manual Integrations
APPROVED

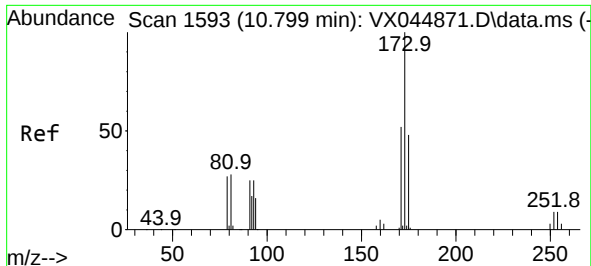
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#70
Styrene
Concen: 0.916 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

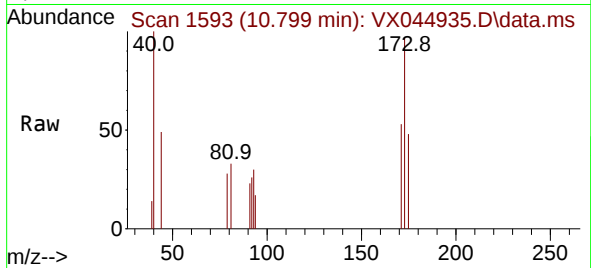
Tgt Ion:104 Resp: 3524
Ion Ratio Lower Upper
104 100
78 48.0 40.5 60.7
103 53.6 43.6 65.4





#71
Bromoform
Concen: 0.852 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

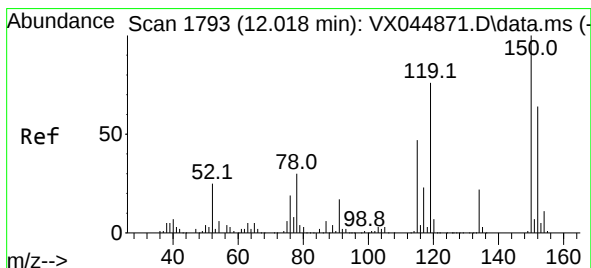
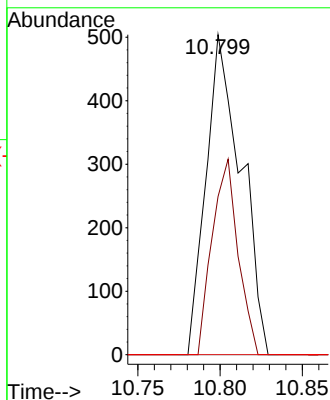
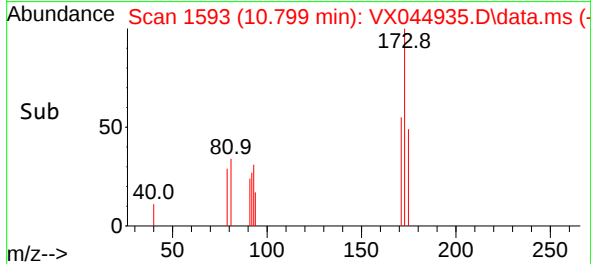
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:173 Resp: 748
Ion Ratio Lower Upper
173 100
175 45.1 24.3 72.8
254 0.0 0.0 0.0

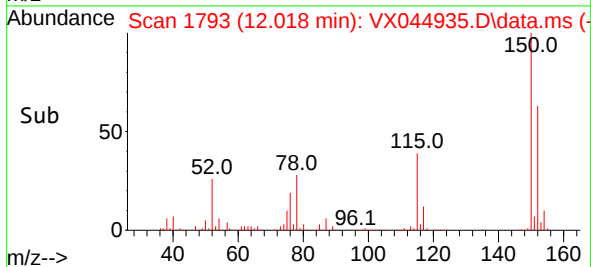
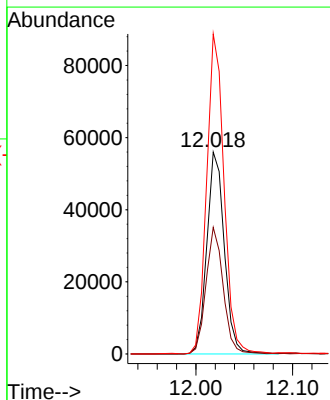
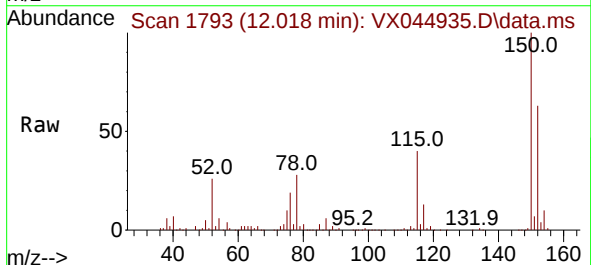
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion:152 Resp: 70549
Ion Ratio Lower Upper
152 100
115 61.8 43.4 130.1
150 157.0 0.0 350.4





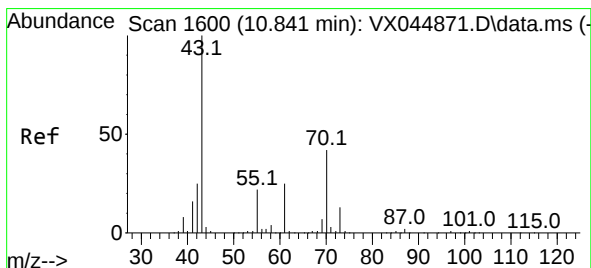
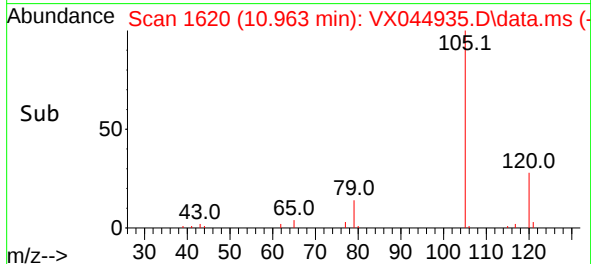
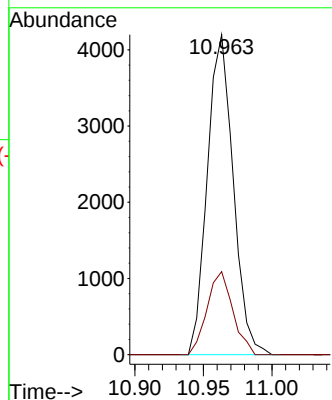
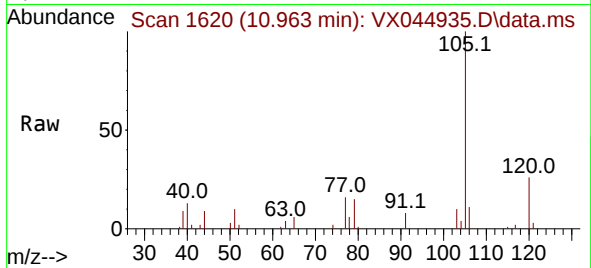
#73
Isopropylbenzene
Concen: 0.970 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 105 Resp: 551
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

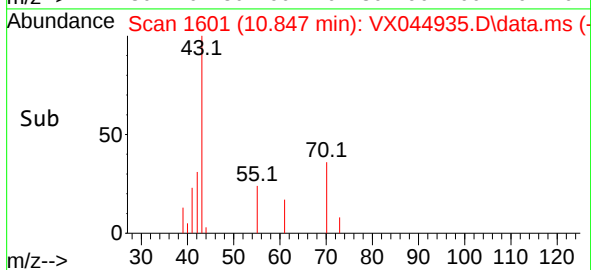
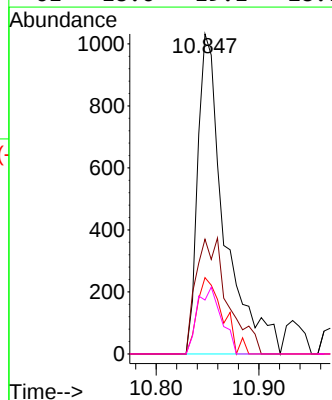
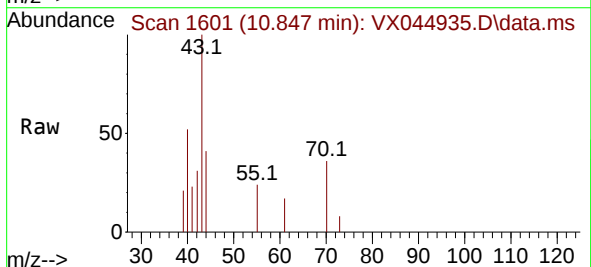
Manual Integrations
APPROVED

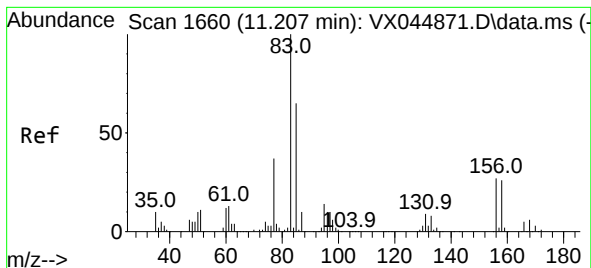
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#74
N-ethyl acetate
Concen: 0.726 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
70 43.4 33.7 50.5
55 22.9 18.6 27.8
61 18.6 19.1 28.7#





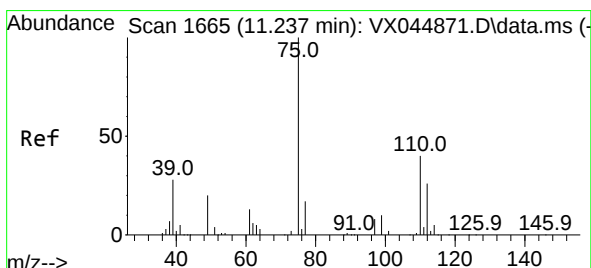
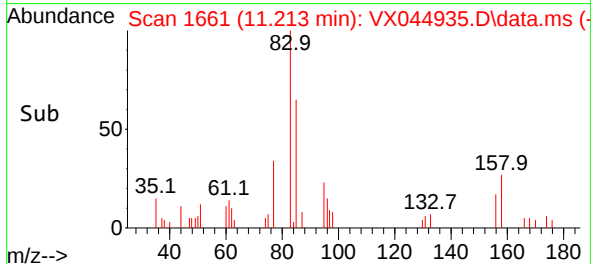
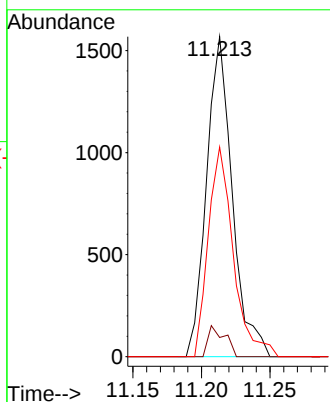
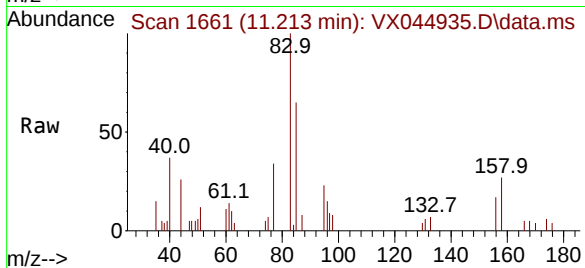
#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.050 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX044935.D
 Acq: 12 Feb 2025 15:58

Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion: 83 Resp: 2049
 Ion Ratio Lower Upper
 83 100
 131 6.3 4.5 13.5
 85 63.9 32.3 96.8

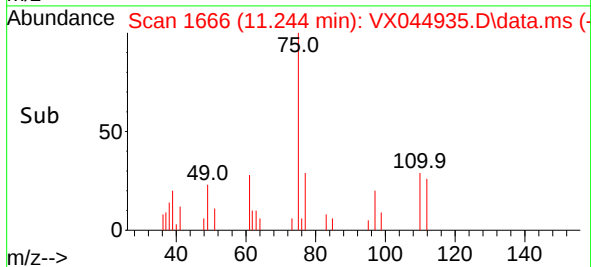
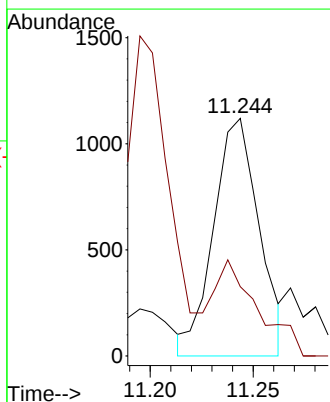
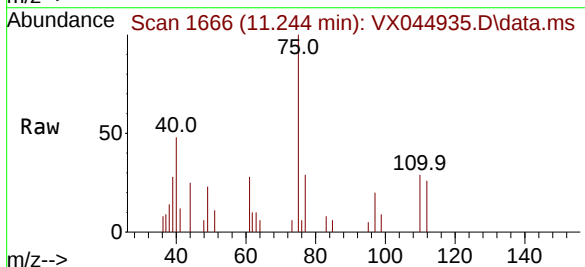
Manual Integrations
 APPROVED

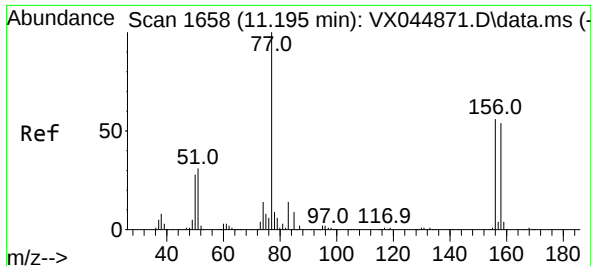
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#76
 1,2,3-Trichloropropane
 Concen: 1.098 ug/l m
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.006 min
 Lab File: VX044935.D
 Acq: 12 Feb 2025 15:58

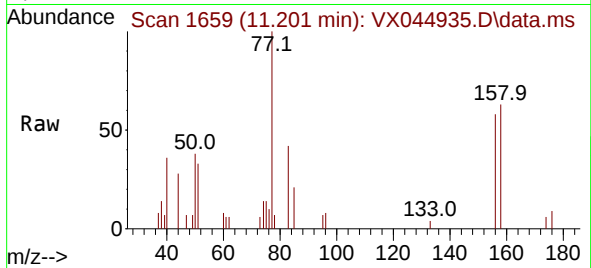
Tgt Ion: 75 Resp: 1718
 Ion Ratio Lower Upper
 75 100
 77 38.4 21.9 65.7





#77
Bromobenzene
Concen: 0.921 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

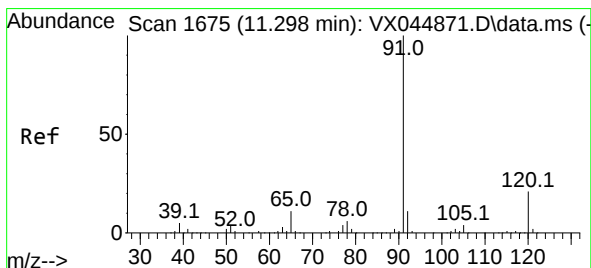
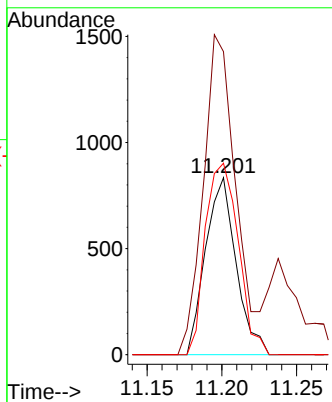
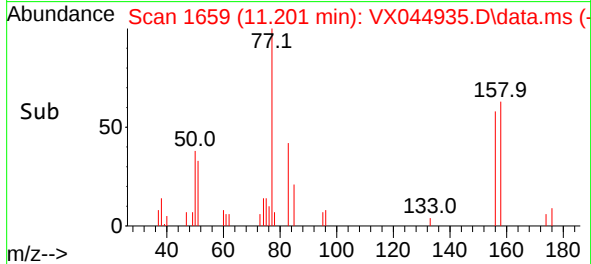
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



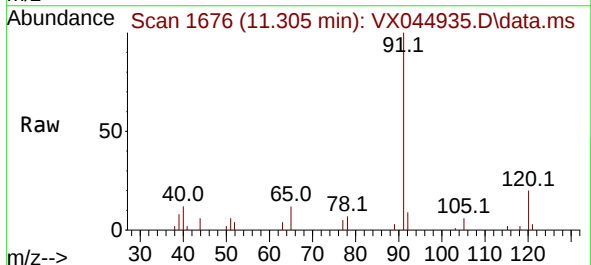
Tgt Ion:156 Resp: 1180
Ion Ratio Lower Upper
156 100
77 192.7 88.4 265.3
158 117.4 48.4 145.2

Manual Integrations
APPROVED

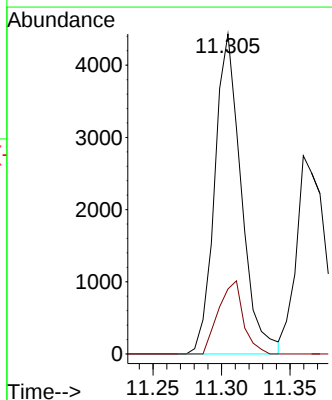
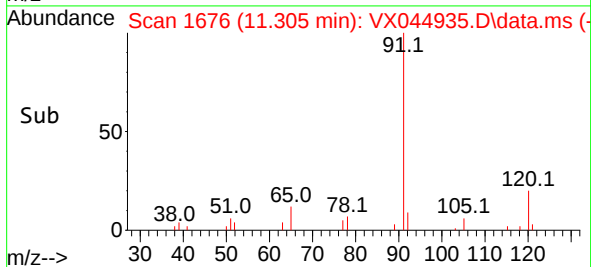
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#78
n-propylbenzene
Concen: 0.909 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58



Tgt Ion: 91 Resp: 5963
Ion Ratio Lower Upper
91 100
120 21.2 11.1 33.3





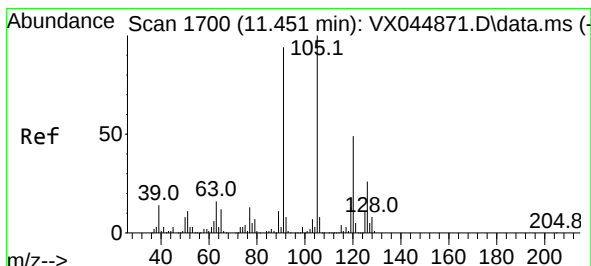
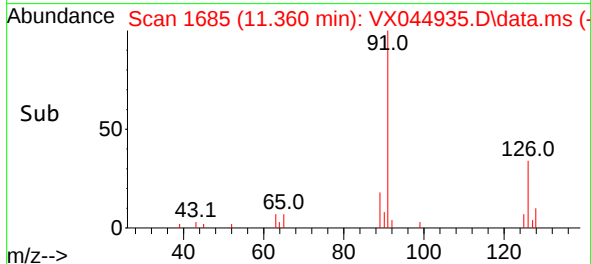
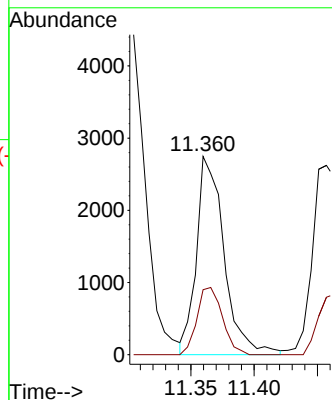
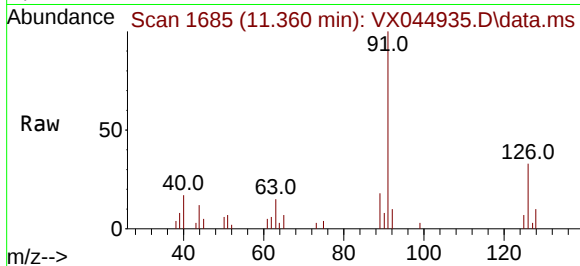
#79
2-Chlorotoluene
Concen: 1.037 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 91 Resp: 4180
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6

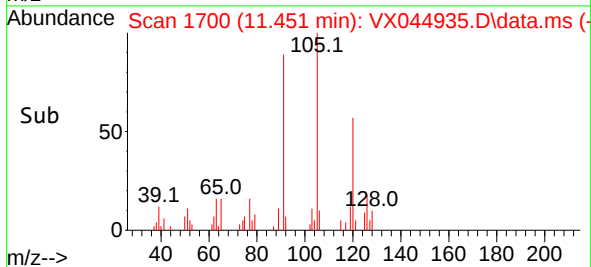
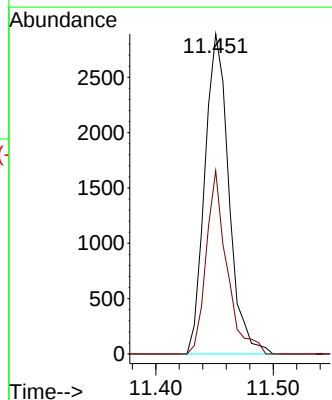
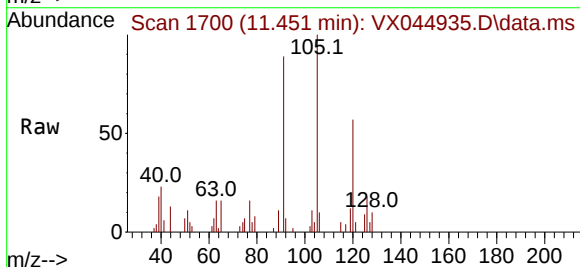
Manual Integrations
APPROVED

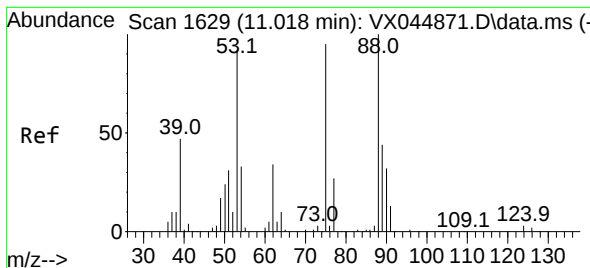
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.890 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion:105 Resp: 4103
Ion Ratio Lower Upper
105 100
120 49.4 24.0 72.0





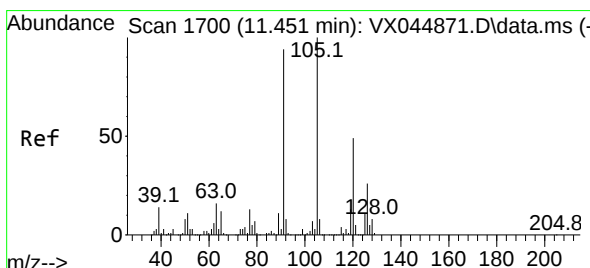
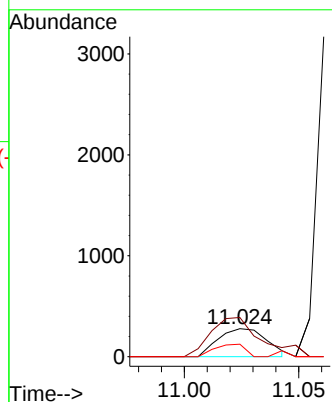
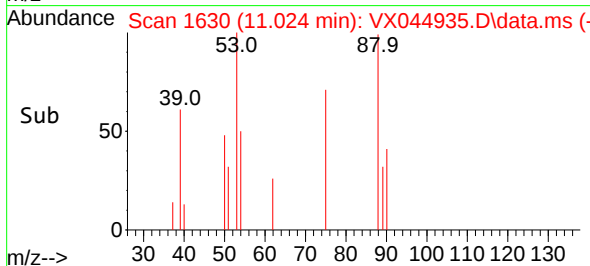
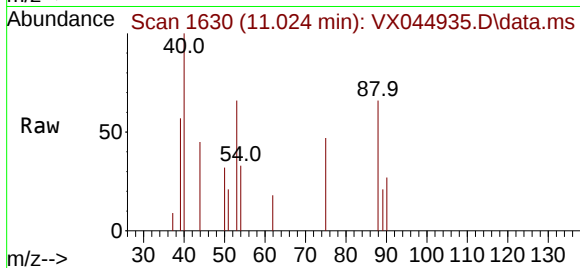
#81
trans-1,4-Dichloro-2-butene
Concen: 0.673 ug/l m
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 75 Resp: 409
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 10.0 36.6 54.8

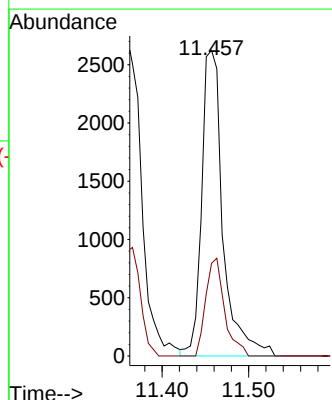
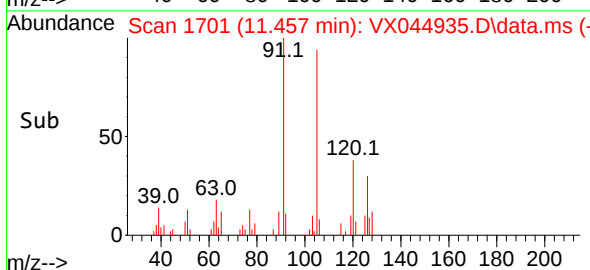
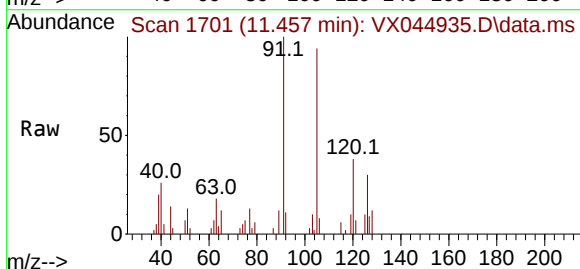
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#82
4-Chlorotoluene
Concen: 1.004 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion: 91 Resp: 4474
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.983 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

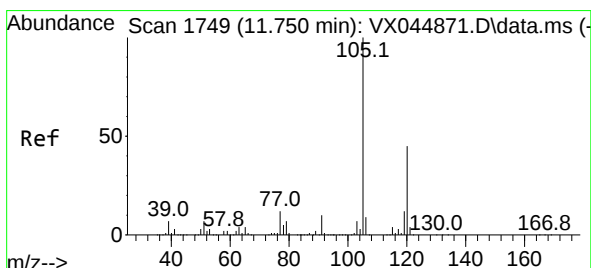
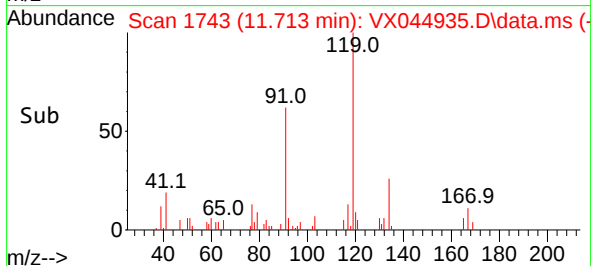
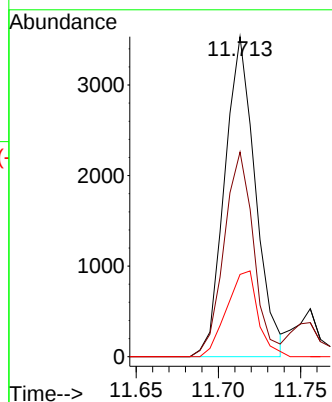
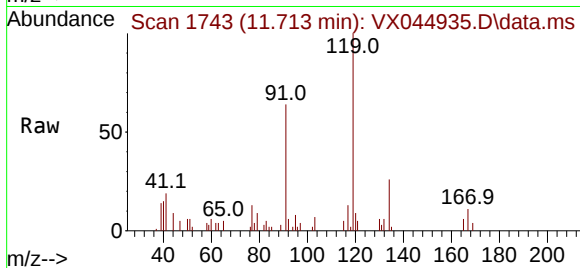
Tgt Ion:	119	Resp:	458
Ion Ratio	Lower	Upper	
119	100		
91	62.2	29.1	87.4
134	27.3	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.931 ug/l

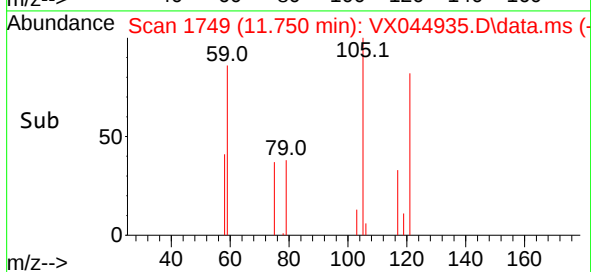
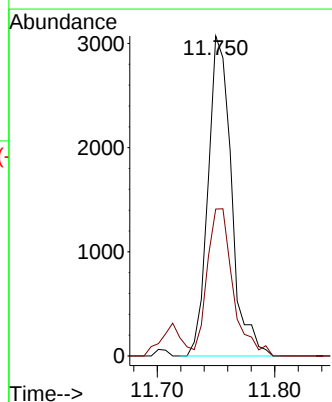
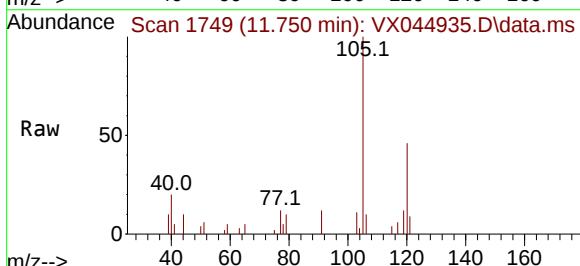
RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Tgt Ion:	105	Resp:	4237
Ion Ratio	Lower	Upper	
105	100		
120	50.4	22.4	67.0





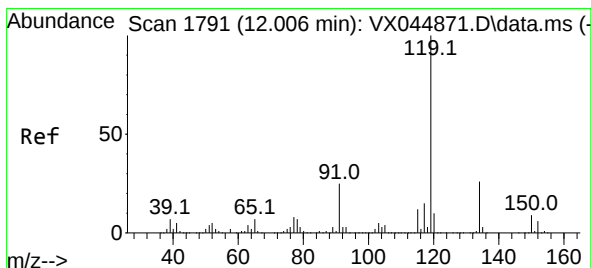
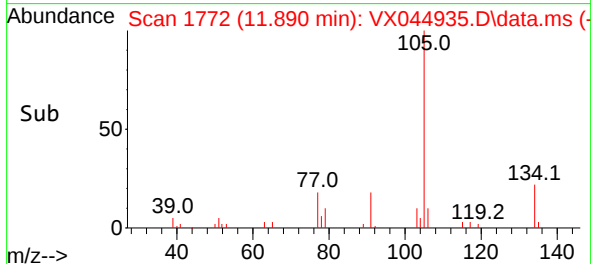
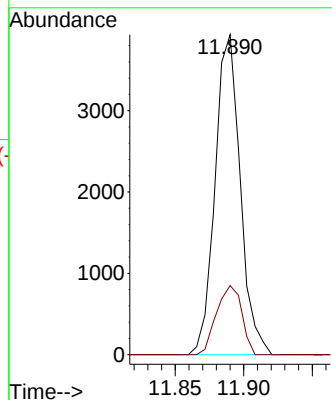
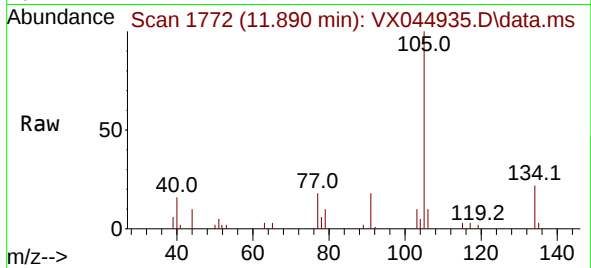
#85
 sec-Butylbenzene
 Concen: 0.869 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044935.D
 Acq: 12 Feb 2025 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion:105 Resp: 501
 Ion Ratio Lower Upper
 105 100
 134 21.6 9.8 29.3

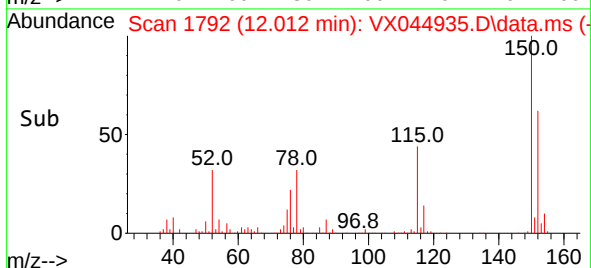
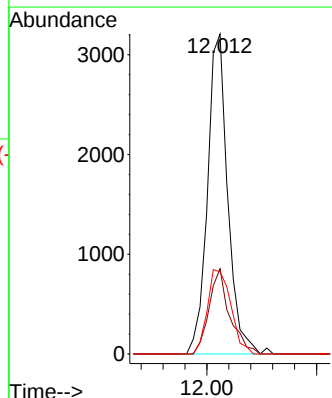
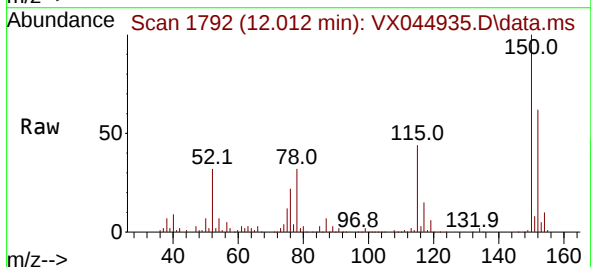
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#86
 p-Isopropyltoluene
 Concen: 0.887 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX044935.D
 Acq: 12 Feb 2025 15:58

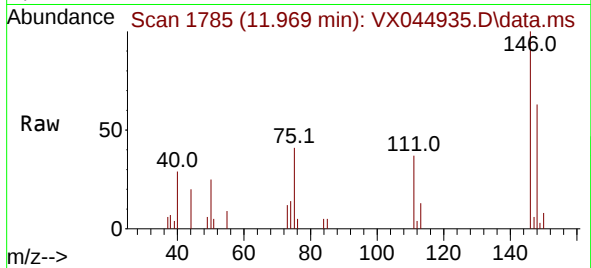
Tgt Ion:119 Resp: 4119
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.0 38.9
 91 30.5 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 1.040 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

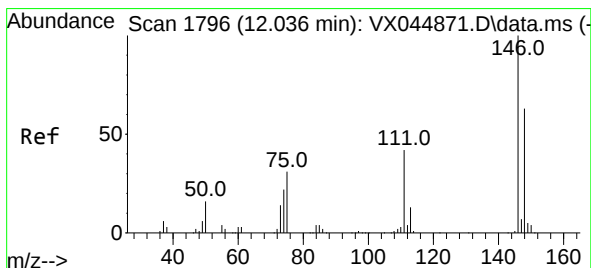
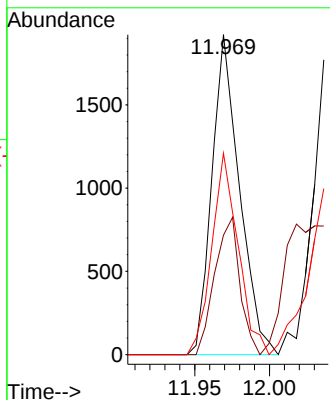
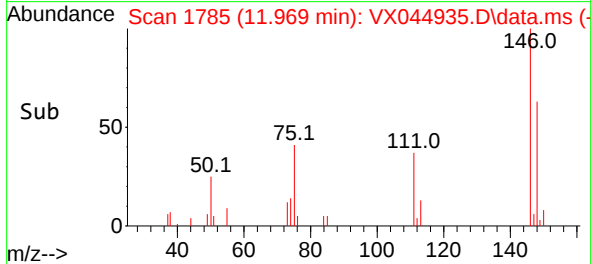
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



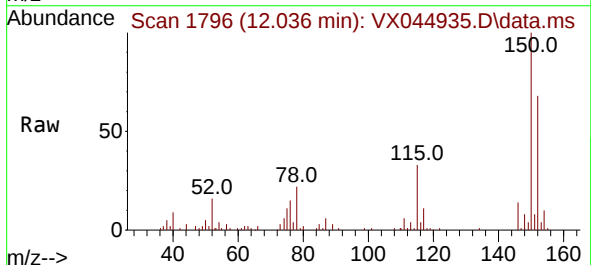
Tgt Ion:146 Resp: 246
Ion Ratio Lower Upper
146 100
111 39.1 21.2 63.6
148 60.3 32.5 97.5

Manual Integrations
APPROVED

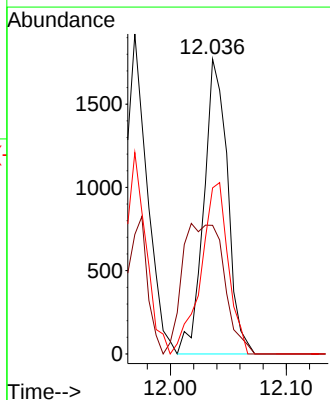
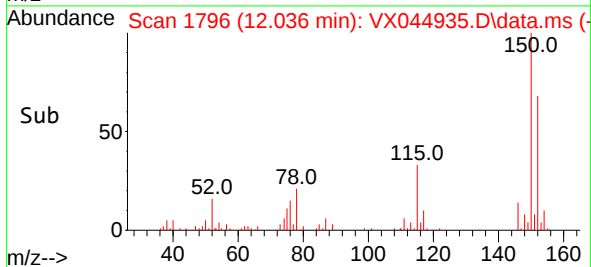
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

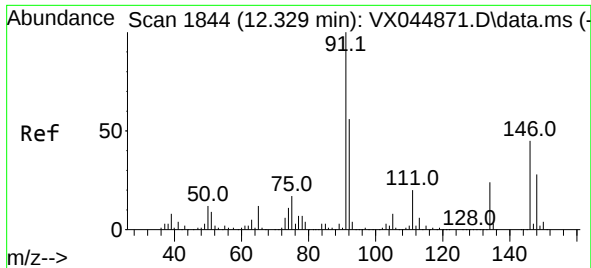


#88
1,4-Dichlorobenzene
Concen: 1.050 ug/l m
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58



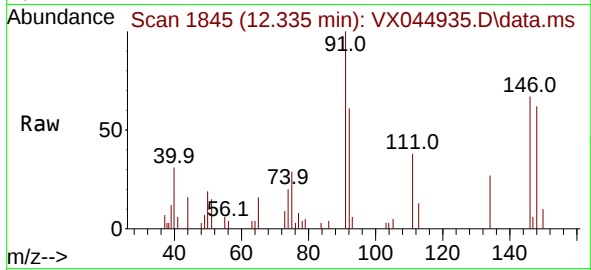
Tgt Ion:146 Resp: 2515
Ion Ratio Lower Upper
146 100
111 38.3 20.4 61.3
148 59.0 32.0 96.0





#89
n-Butylbenzene
Concen: 0.764 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

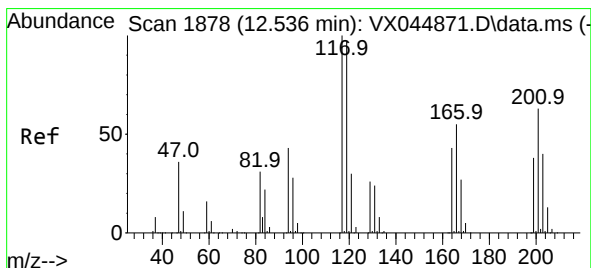
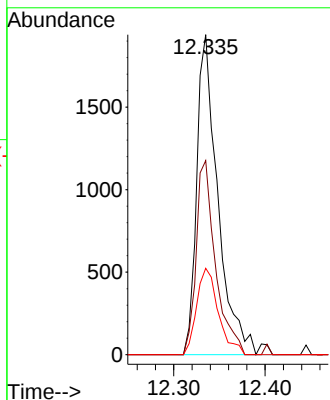
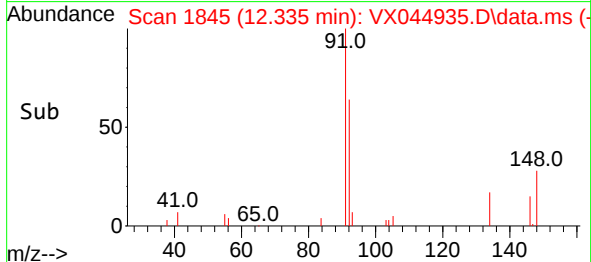
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 91 Resp: 313
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 27.5 12.1 36.3

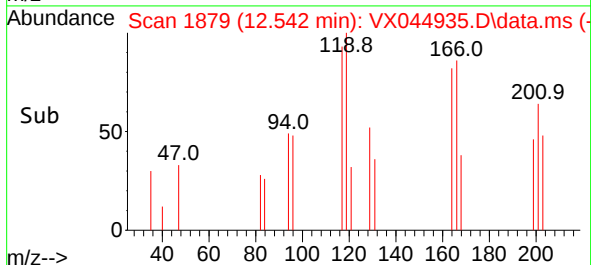
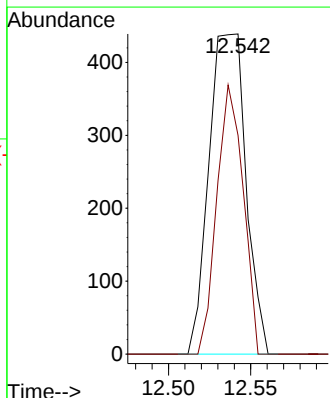
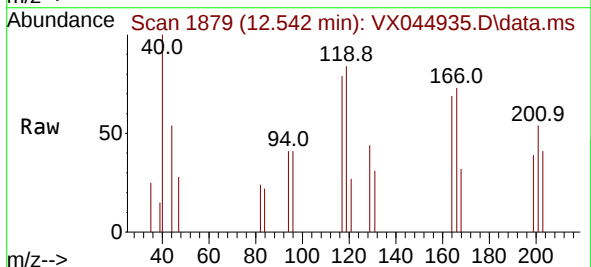
Manual Integrations
APPROVED

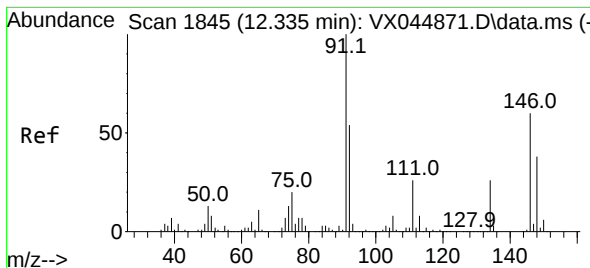
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#90
Hexachloroethane
Concen: 0.794 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion:117 Resp: 690
Ion Ratio Lower Upper
117 100
201 59.7 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 0.970 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

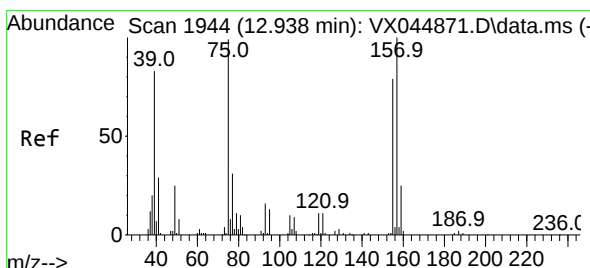
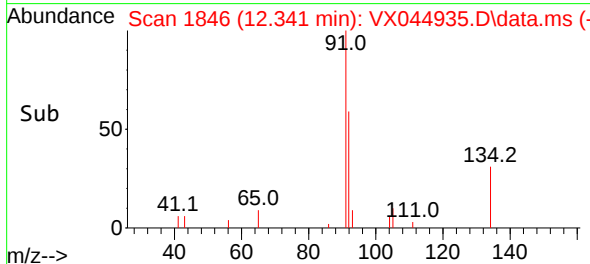
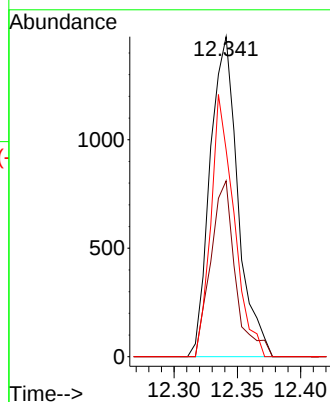
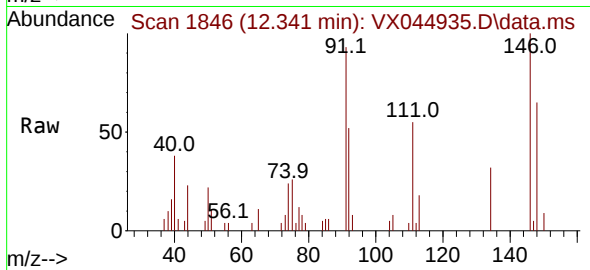
Tgt Ion:146	Resp:	225
Ion Ratio	Lower	Upper
146	100	
111	48.8	21.8 65.4
148	67.9	31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.856 ug/l

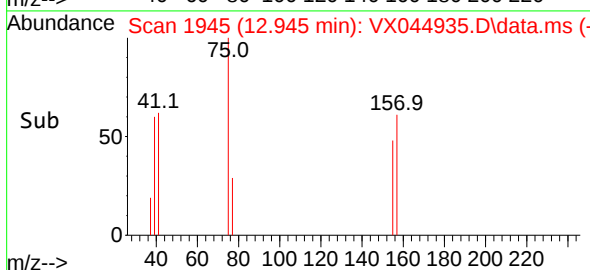
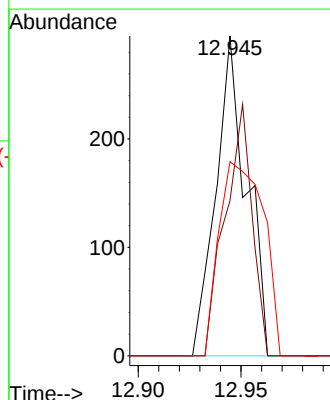
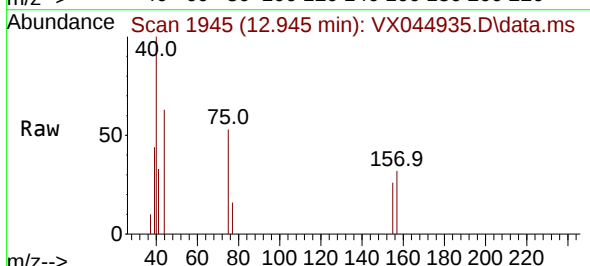
RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Tgt Ion: 75	Resp:	305
Ion Ratio	Lower	Upper
75	100	
155	69.2	40.5 121.4
157	88.5	51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 0.829 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA_X

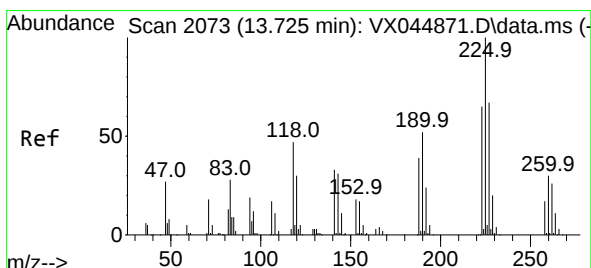
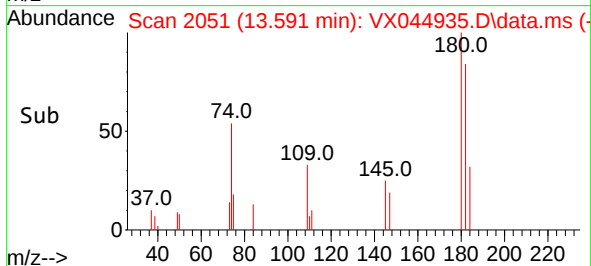
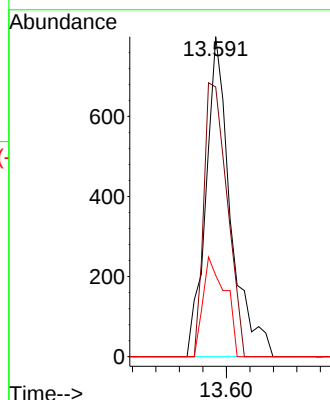
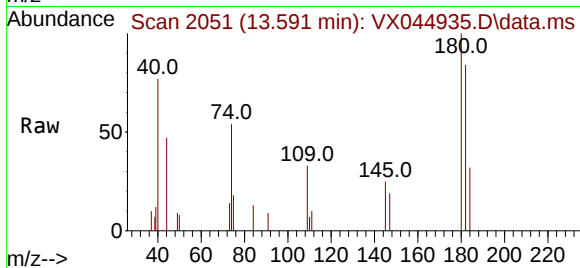
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:180	Resp:	116
Ion Ratio	Lower	Upper
180	100	
182	80.7	47.6 142.8
145	28.0	16.4 49.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#94

Hexachlorobutadiene

Concen: 1.175 ug/l

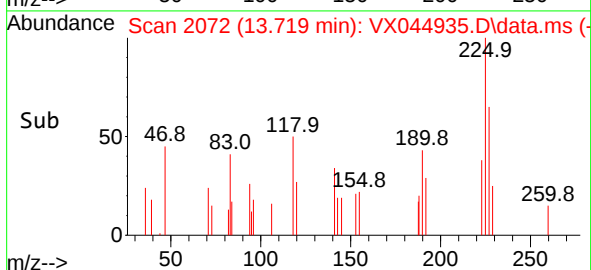
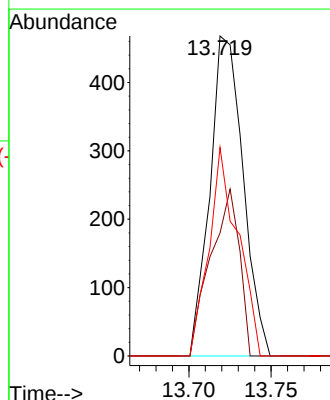
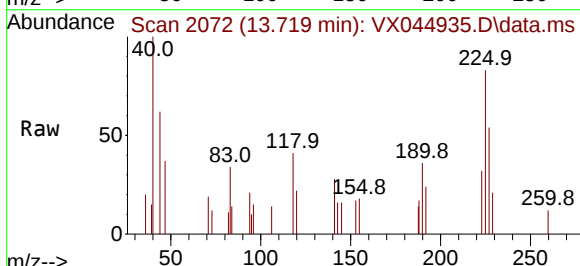
RT: 13.719 min Scan# 2072

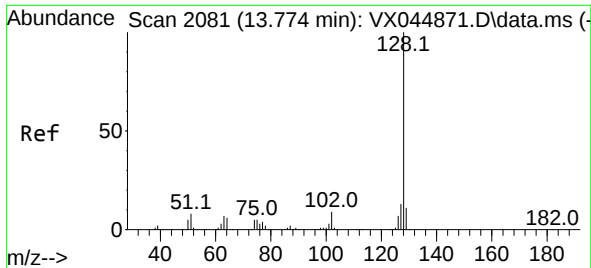
Delta R.T. -0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Tgt Ion:225	Resp:	657
Ion Ratio	Lower	Upper
225	100	
223	45.2	31.4 94.2
227	56.9	32.3 96.8





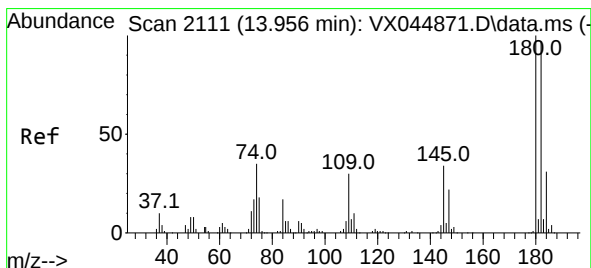
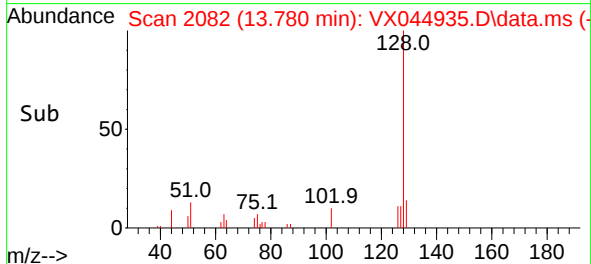
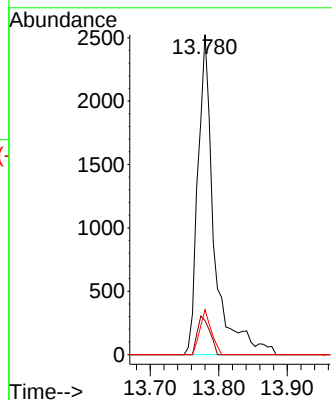
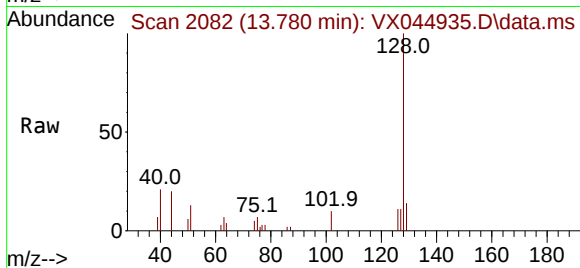
#95
Naphthalene
Concen: 0.819 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:128 Resp: 417
Ion Ratio Lower Upper
128 100
127 9.1 10.1 15.1
129 9.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.900 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044935.D
Acq: 12 Feb 2025 15:58

Tgt Ion:180 Resp: 1278
Ion Ratio Lower Upper
180 100
182 98.9 47.9 143.6
145 27.2 17.1 51.3

