

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044936.D
 Acq On : 12 Feb 2025 16:21
 Operator : JC/MD
 Sample : Q1168-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 13 03:47:05 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	5.550	168	112554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	180451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86572	52.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.080%			
35) Dibromofluoromethane	5.379	113	68223	50.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	8.647	98	256390	50.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	11.079	95	86515	50.494	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7672	4.860	ug/l	94
3) Chloromethane	1.300	50	9905	5.155	ug/l	99
4) Vinyl Chloride	1.374	62	9320	5.007	ug/l	96
5) Bromomethane	1.593	94	2948	5.293	ug/l	96
6) Chloroethane	1.666	64	5215	7.558	ug/l	89
7) Trichlorofluoromethane	1.873	101	11995	5.096	ug/l	98
8) Diethyl Ether	2.130	74	4491	5.261	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	7147	5.025	ug/l	98
10) Methyl Iodide	2.447	142	9442	5.123	ug/l	98
11) Tert butyl alcohol	2.977	59	9136	29.890	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	7100	4.894	ug/l	97
13) Acrolein	2.233	56	9261	29.367	ug/l	99
14) Allyl chloride	2.660	41	12977	4.950	ug/l	94
15) Acrylonitrile	3.062	53	21266	26.058	ug/l	97
16) Acetone	2.379	43	18677	28.198	ug/l	97
17) Carbon Disulfide	2.501	76	17863	4.490	ug/l	99
18) Methyl Acetate	2.703	43	10531	5.038	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	23715	5.138	ug/l	96
20) Methylene Chloride	2.782	84	8617	5.311	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	7166	5.019	ug/l	99
22) Diisopropyl ether	3.763	45	25448	5.130	ug/l	91
23) Vinyl Acetate	3.721	43	95200	23.542	ug/l	98
24) 1,1-Dichloroethane	3.605	63	14323	5.161	ug/l	99
25) 2-Butanone	4.562	43	28956	26.923	ug/l	94
26) 2,2-Dichloropropane	4.464	77	9681	4.398	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	8886	5.181	ug/l	96
28) Bromochloromethane	4.897	49	6690	5.016	ug/l #	99
29) Tetrahydrofuran	5.013	42	19188	26.867	ug/l	99
30) Chloroform	5.086	83	13608	5.056	ug/l	99
31) Cyclohexane	5.452	56	12871	5.030	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	11544	5.056	ug/l	98
36) 1,1-Dichloropropene	5.690	75	9968	5.141	ug/l	97
37) Ethyl Acetate	4.727	43	11028	5.113	ug/l	98
38) Carbon Tetrachloride	5.665	117	9254	4.870	ug/l	96
39) Methylcyclohexane	7.372	83	11998	4.786	ug/l	97
40) Benzene	6.031	78	31262	5.163	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6145m	5.323	ug/l	
42) 1,2-Dichloroethane	6.092	62	10553	5.468	ug/l	99
43) Isopropyl Acetate	6.336	43	16810	4.826	ug/l	97
44) Trichloroethene	7.123	130	6894	4.981	ug/l	96
45) 1,2-Dichloropropane	7.433	63	7482	4.967	ug/l	91
46) Dibromomethane	7.586	93	5299	5.072	ug/l	99
47) Bromodichloromethane	7.818	83	9818	4.854	ug/l	100
48) Methyl methacrylate	7.696	41	8127	4.949	ug/l	98
49) 1,4-Dioxane	7.671	88	3664	103.990	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	54337	25.662	ug/l	100
52) Toluene	8.720	92	18754	5.201	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	8337	4.073	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	10392	4.553	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	6909	4.984	ug/l	93
56) Ethyl methacrylate	9.116	69	9976	4.456	ug/l	94
57) 1,3-Dichloropropane	9.305	76	12840	5.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	24054	21.881	ug/l	100
59) 2-Hexanone	9.433	43	40431	26.501	ug/l	97
60) Dibromochloromethane	9.518	129	7216	4.867	ug/l	97
61) 1,2-Dibromoethane	9.610	107	7018	4.995	ug/l	99
64) Tetrachloroethene	9.275	164	5714	5.021	ug/l	95
65) Chlorobenzene	10.079	112	19379	5.000	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	5825	4.669	ug/l	96
67) Ethyl Benzene	10.195	91	32944	4.817	ug/l	100
68) m/p-Xylenes	10.299	106	25257	10.011	ug/l	99
69) o-Xylene	10.640	106	12649	4.996	ug/l	100
70) Styrene	10.658	104	20284	4.973	ug/l	99
71) Bromoform	10.799	173	4257	4.572	ug/l #	100
73) Isopropylbenzene	10.957	105	31728	4.930	ug/l	99
74) N-amyl acetate	10.841	43	13608	4.673	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	11445	5.175	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	8857m	4.998	ug/l	
77) Bromobenzene	11.195	156	7813	5.355	ug/l	97
78) n-propylbenzene	11.305	91	36467	4.909	ug/l	98
79) 2-Chlorotoluene	11.360	91	23237	5.090	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	25621	4.906	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	2419	3.511	ug/l #	83
82) 4-Chlorotoluene	11.451	91	25192	4.988	ug/l	100
83) tert-Butylbenzene	11.713	119	26426	5.002	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	25639	4.974	ug/l	98
85) sec-Butylbenzene	11.890	105	31782	4.858	ug/l	100
86) p-Isopropyltoluene	12.006	119	25014	4.754	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	13371	4.983	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	13485	4.971	ug/l	93
89) n-Butylbenzene	12.329	91	20540	4.413	ug/l	99
90) Hexachloroethane	12.536	117	4028	4.089	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	13652	5.177	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1717	4.254	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	6996	4.384	ug/l	96
94) Hexachlorobutadiene	13.725	225	2930	4.625	ug/l	97
95) Naphthalene	13.774	128	26357	4.569	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	7586	4.718	ug/l	98

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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

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Supervised By :Mahesh Dadoda 02/14/2025

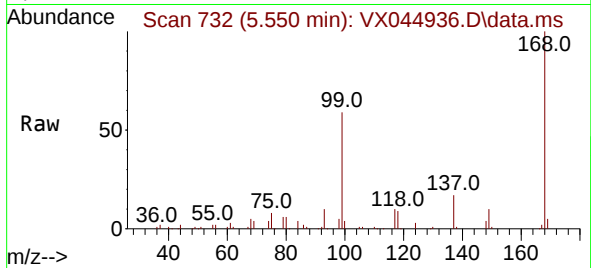
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044936.D
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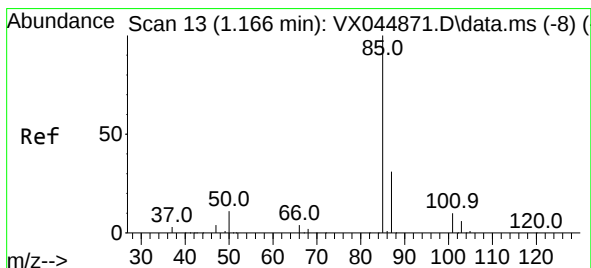
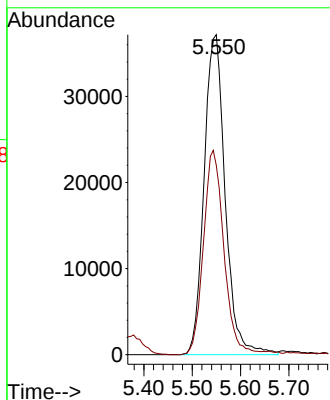
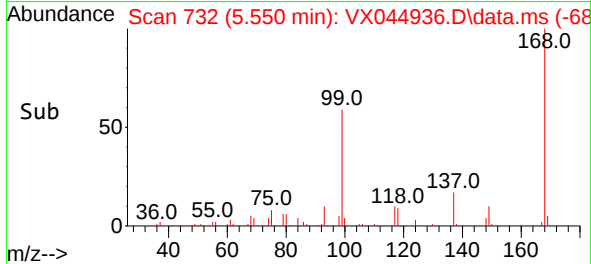
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:168 Resp: 112554
Ion Ratio Lower Upper
168 100
99 59.2 51.2 76.8

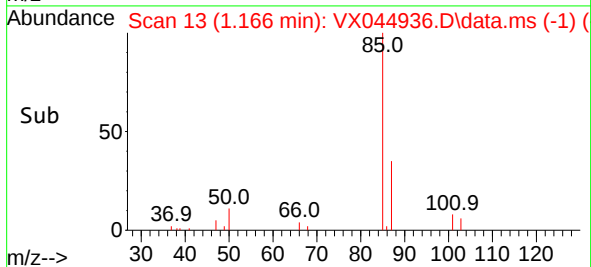
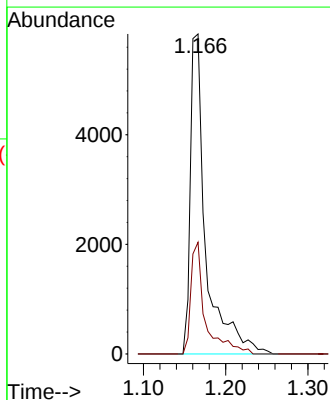
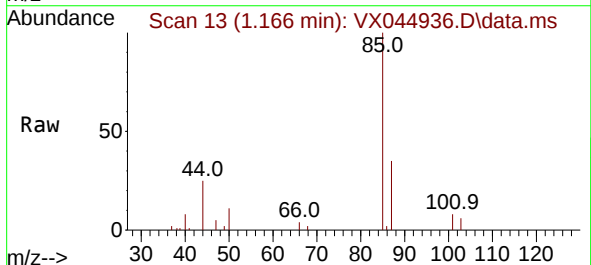
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APPROVED

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#2
Dichlorodifluoromethane
Concen: 4.860 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion: 85 Resp: 7672
Ion Ratio Lower Upper
85 100
87 34.9 15.8 47.3





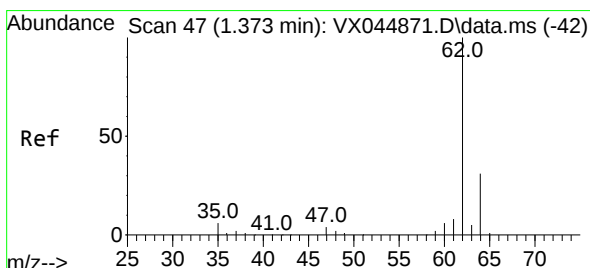
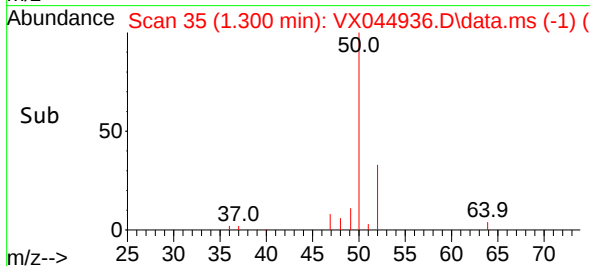
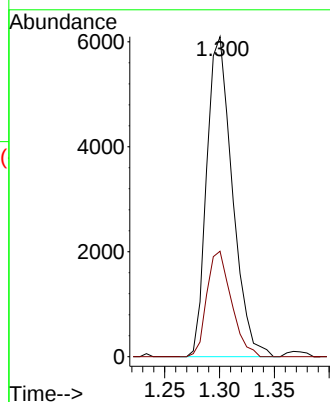
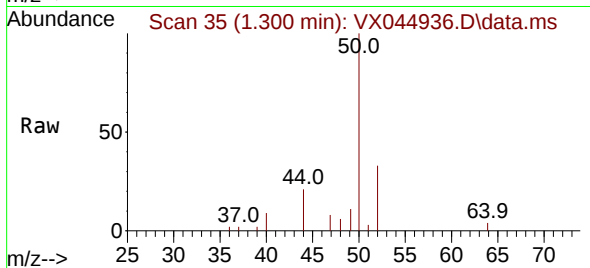
#3
Chloromethane
Concen: 5.155 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 50 Resp: 990
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

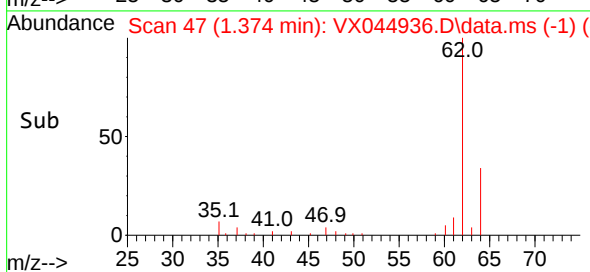
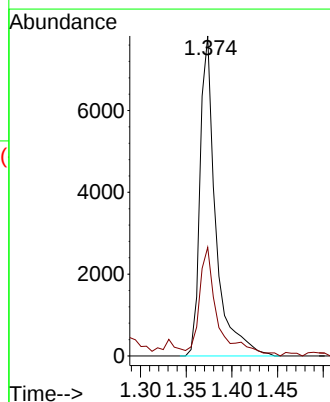
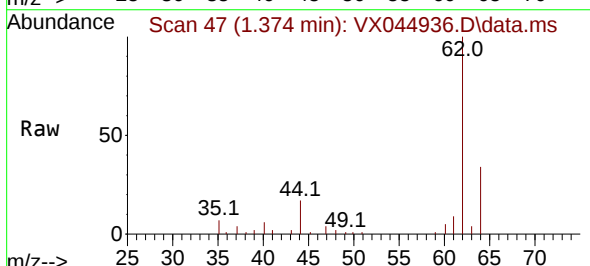
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#4
Vinyl Chloride
Concen: 5.007 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

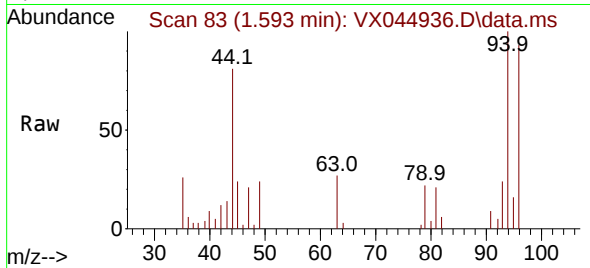
Tgt Ion: 62 Resp: 9320
Ion Ratio Lower Upper
62 100
64 33.9 25.4 38.0





#5
Bromomethane
Concen: 5.293 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

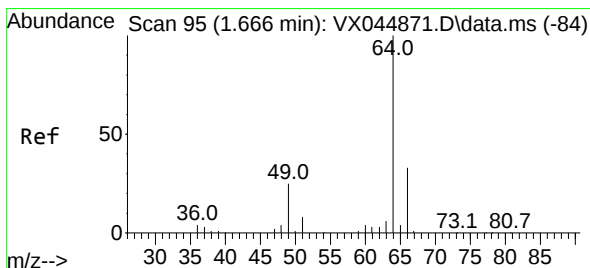
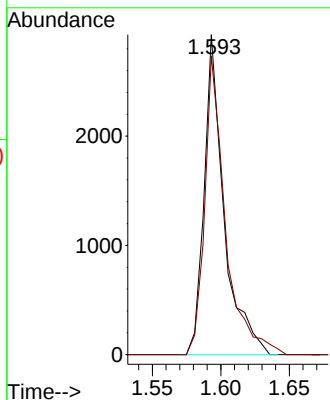
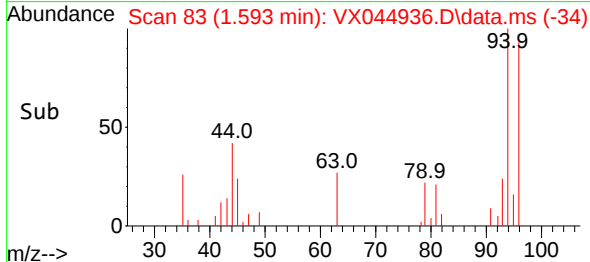
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 94 Resp: 2948
Ion Ratio Lower Upper
94 100
96 93.4 71.6 107.4

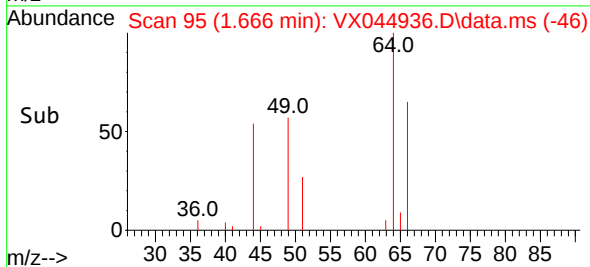
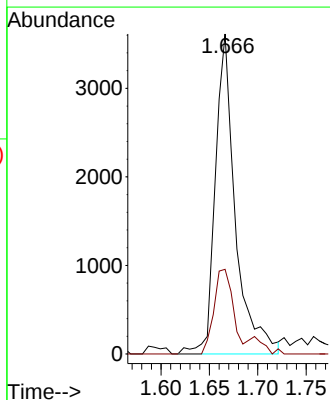
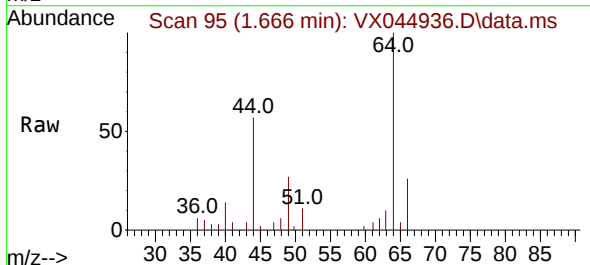
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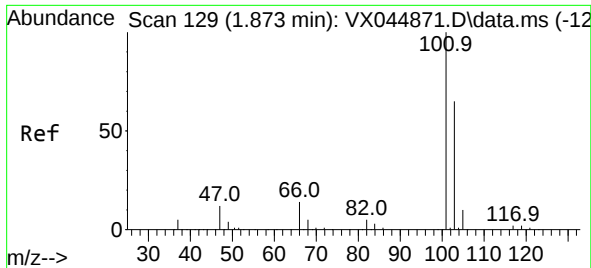
Reviewed By :John Carlone 02/14/2025
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#6
Chloroethane
Concen: 7.558 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

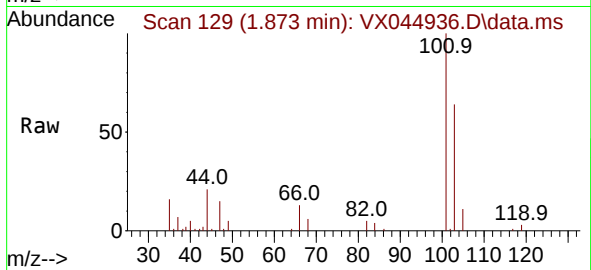
Tgt Ion: 64 Resp: 5215
Ion Ratio Lower Upper
64 100
66 26.5 25.9 38.9





#7
Trichlorofluoromethane
Concen: 5.096 ug/l
RT: 1.873 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

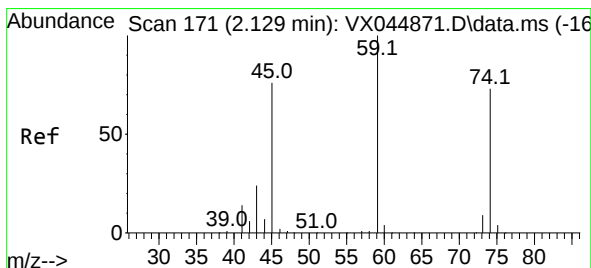
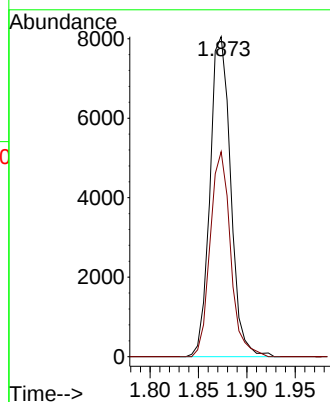
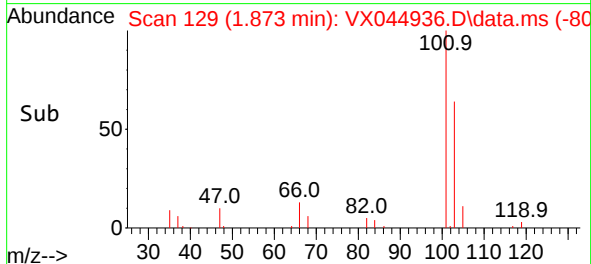
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion:101 Resp: 1199
Ion Ratio Lower Upper
101 100
103 64.1 52.4 78.6

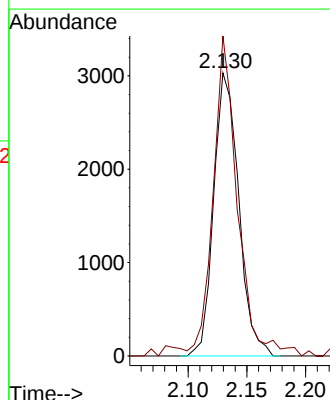
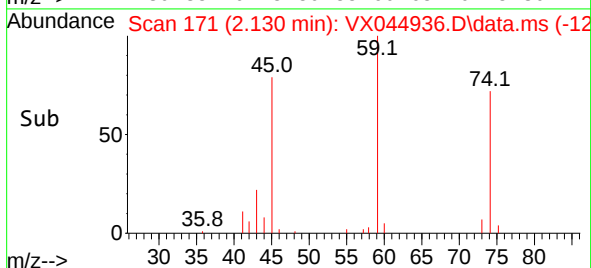
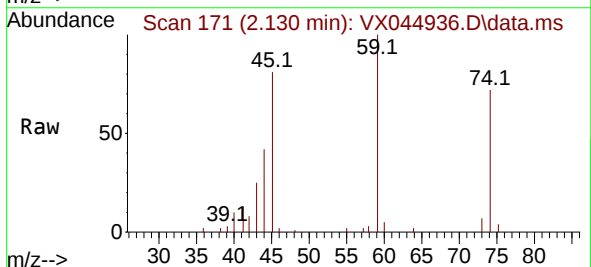
Manual Integrations
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#8
Diethyl Ether
Concen: 5.261 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion: 74 Resp: 4491
Ion Ratio Lower Upper
74 100
45 109.7 51.1 153.4





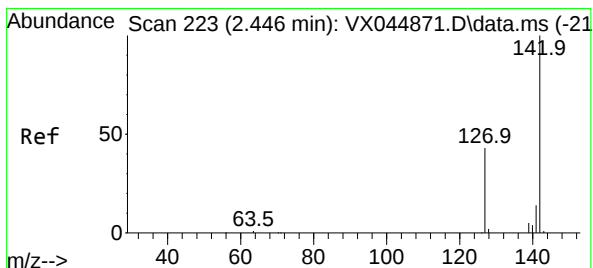
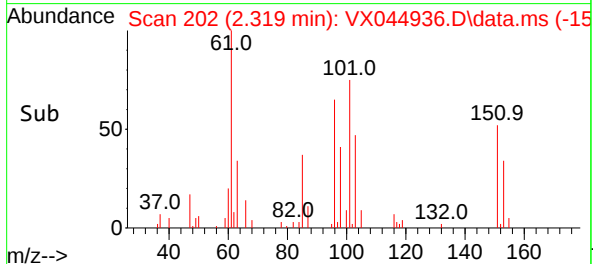
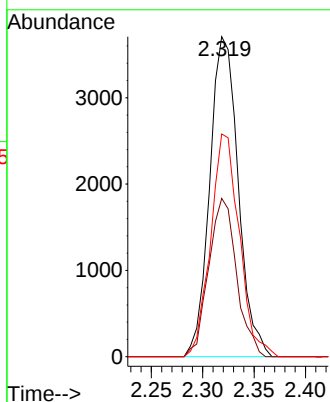
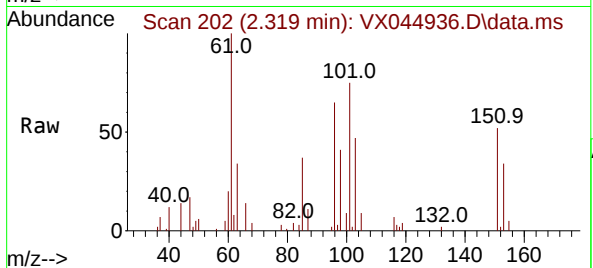
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.025 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion:101 Resp: 714
Ion Ratio Lower Upper
101 100
85 48.5 35.7 53.5
151 70.2 56.0 84.0

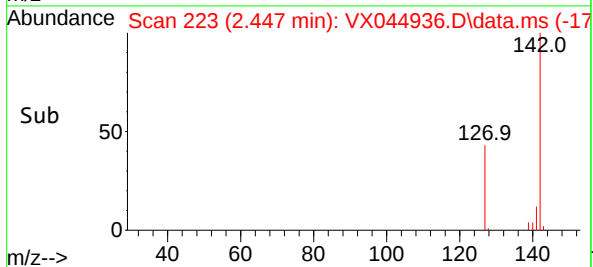
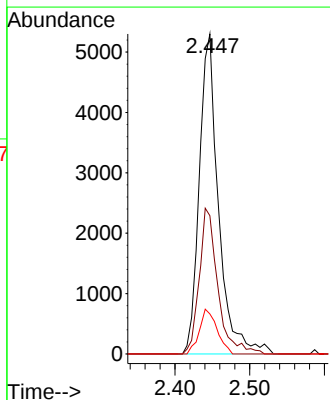
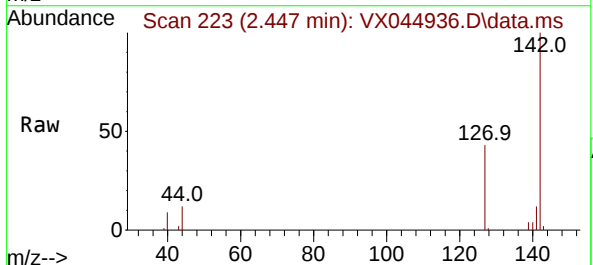
Manual Integrations
APPROVED

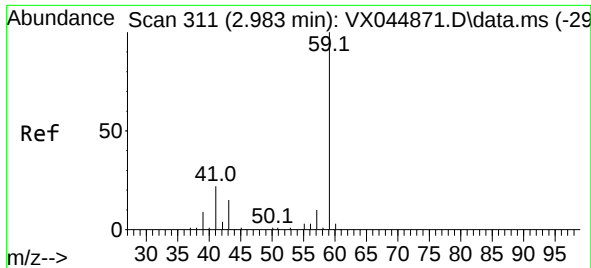
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#10
Methyl Iodide
Concen: 5.123 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion:142 Resp: 9442
Ion Ratio Lower Upper
142 100
127 44.1 34.3 51.5
141 12.9 11.4 17.2





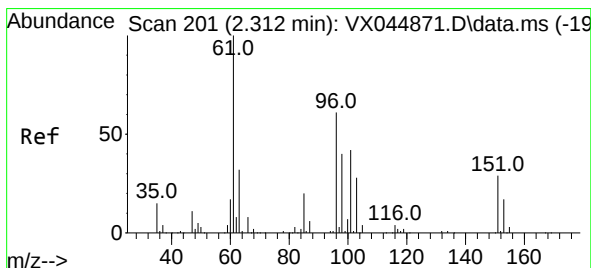
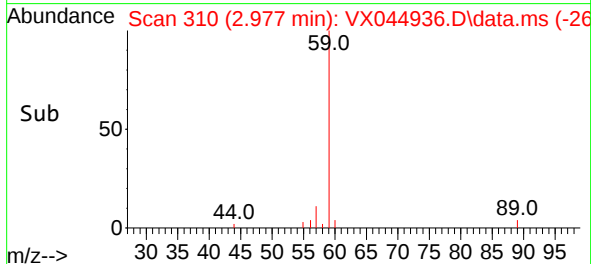
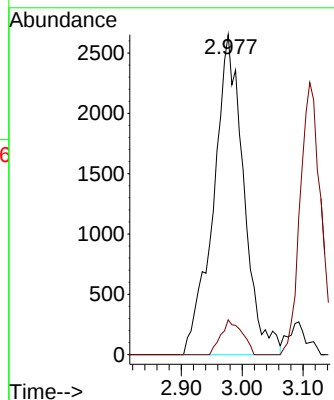
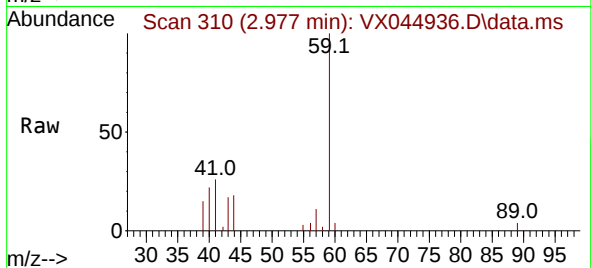
#11
Tert butyl alcohol
Concen: 29.890 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 59 Resp: 9130
Ion Ratio Lower Upper
59 100
57 7.6 8.1 12.1

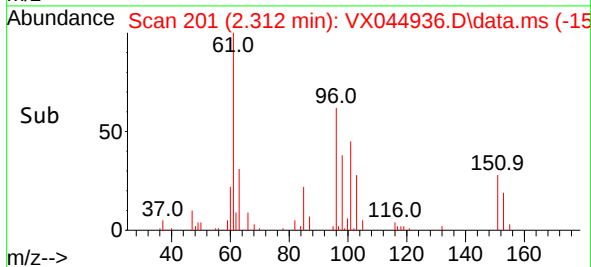
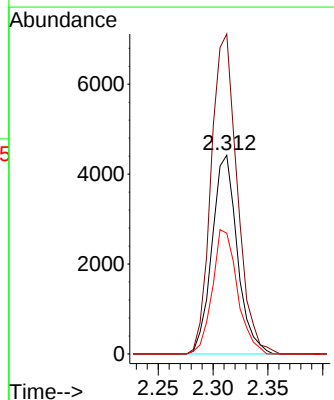
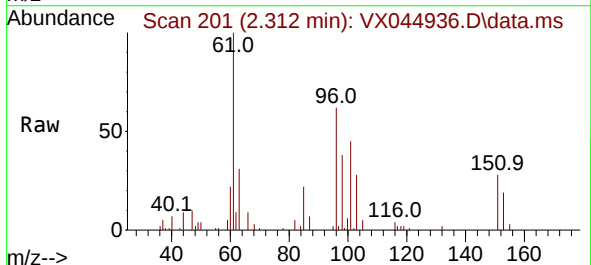
Manual Integrations
APPROVED

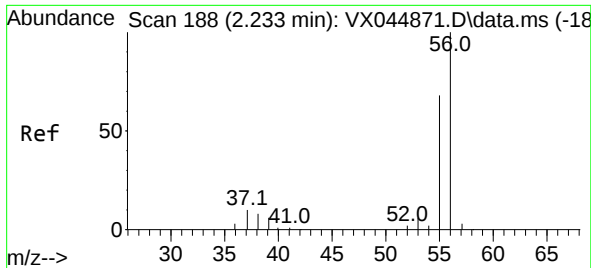
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#12
1,1-Dichloroethene
Concen: 4.894 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

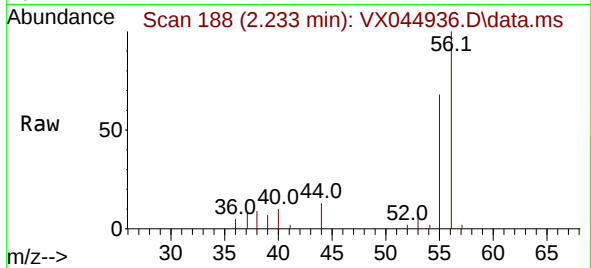
Tgt Ion: 96 Resp: 7100
Ion Ratio Lower Upper
96 100
61 161.0 130.2 195.4
98 60.8 52.2 78.4





#13
Acrolein
Concen: 29.367 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

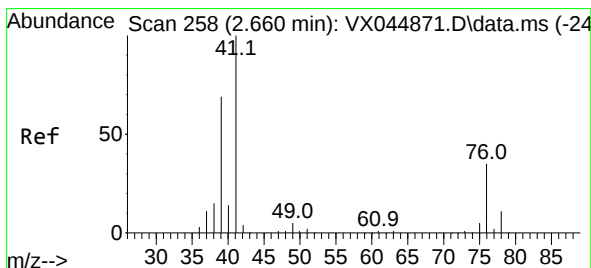
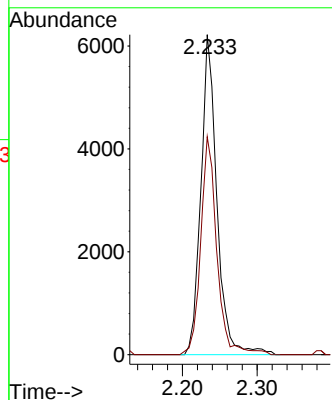
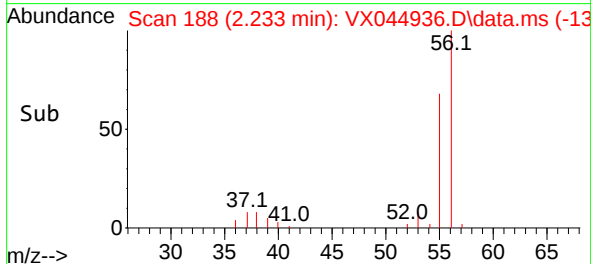
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 56 Resp: 926
Ion Ratio Lower Upper
56 100
55 68.5 55.7 83.5

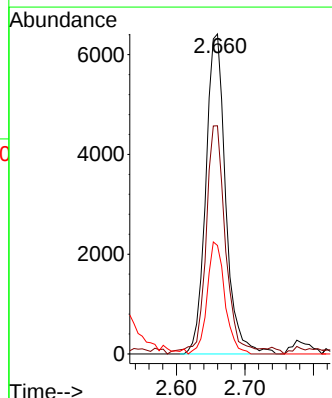
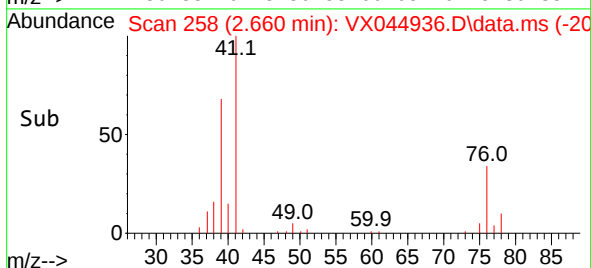
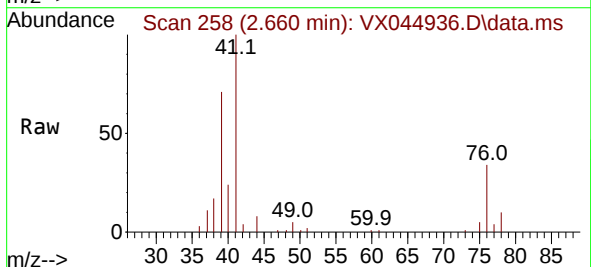
Manual Integrations
APPROVED

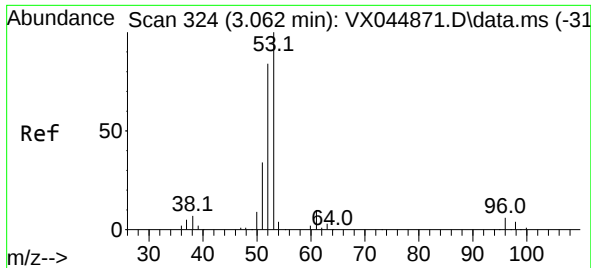
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#14
Allyl chloride
Concen: 4.950 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

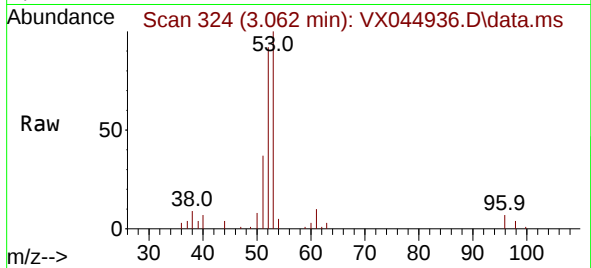
Tgt Ion: 41 Resp: 12977
Ion Ratio Lower Upper
41 100
39 69.7 51.4 77.2
76 31.2 27.0 40.4





#15
Acrylonitrile
Concen: 26.058 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

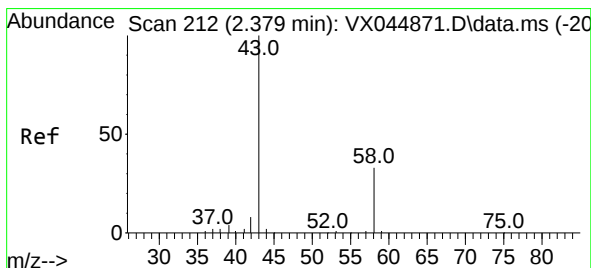
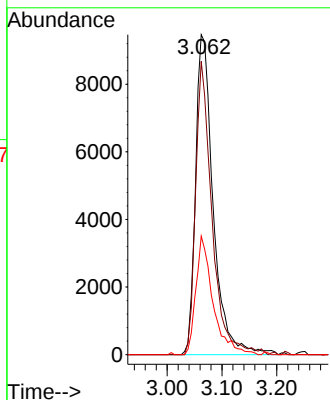
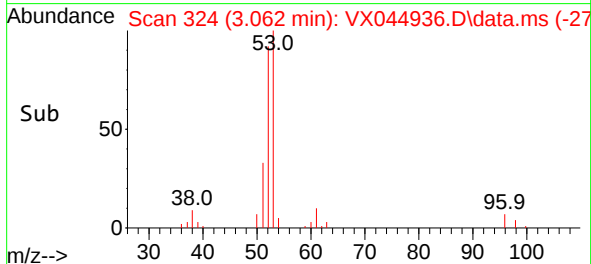
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 53 Resp: 21260
Ion Ratio Lower Upper
53 100
52 85.1 65.0 97.6
51 35.9 28.0 42.0

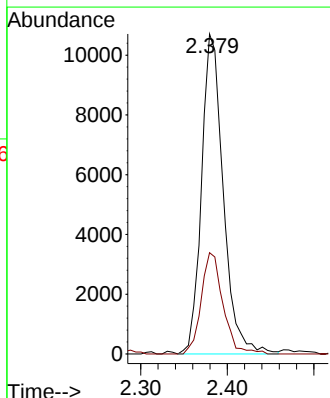
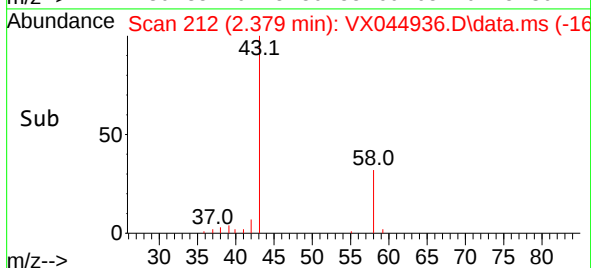
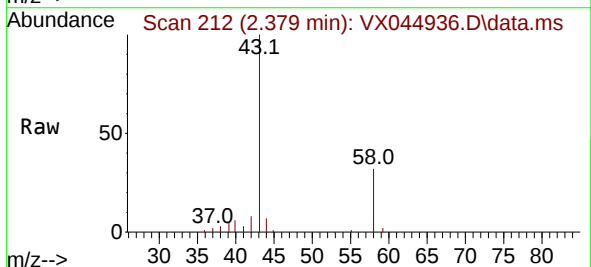
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 28.198 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion: 43 Resp: 18677
Ion Ratio Lower Upper
43 100
58 31.6 26.5 39.7





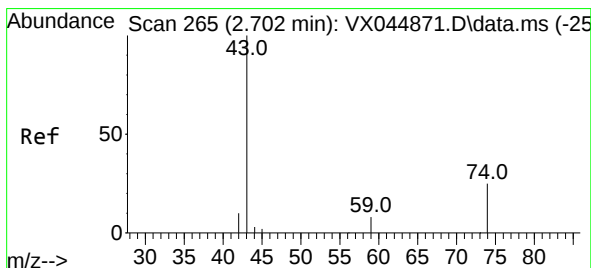
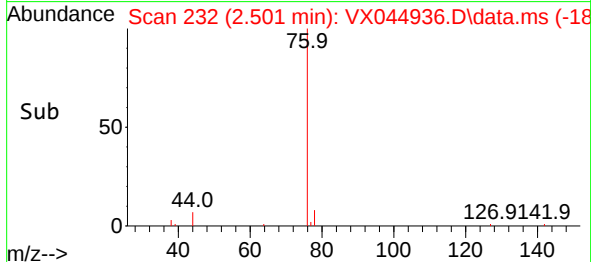
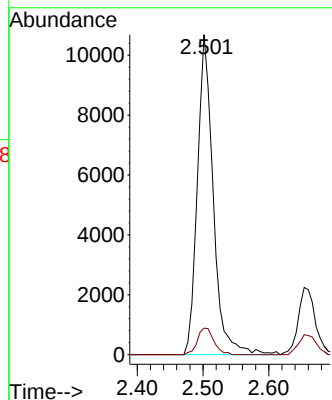
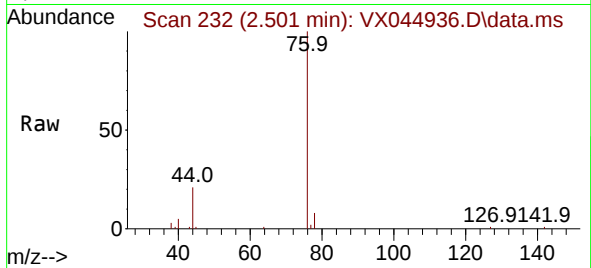
#17
Carbon Disulfide
Concen: 4.490 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 76 Resp: 1786
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4

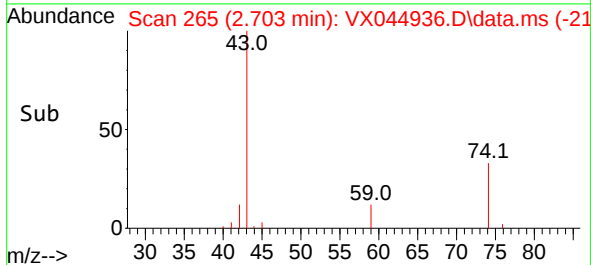
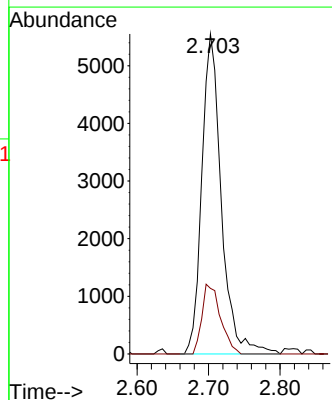
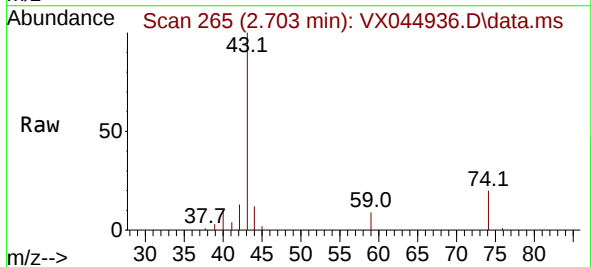
Manual Integrations
APPROVED

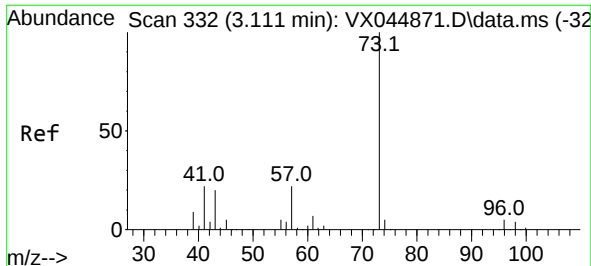
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#18
Methyl Acetate
Concen: 5.038 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion: 43 Resp: 10531
Ion Ratio Lower Upper
43 100
74 20.6 18.9 28.3





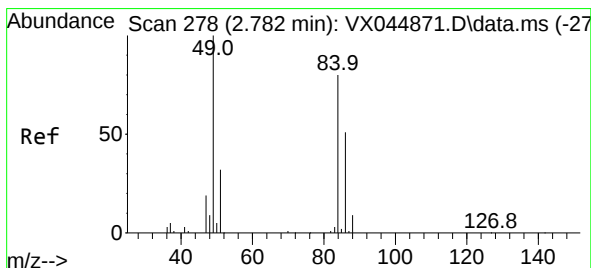
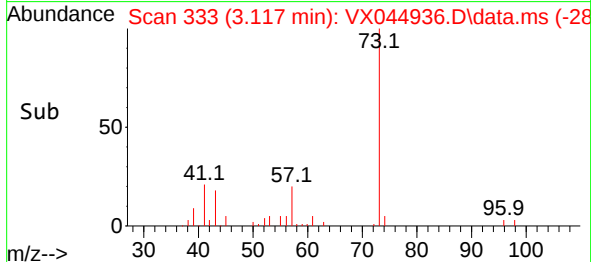
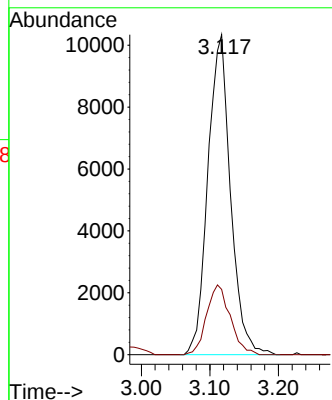
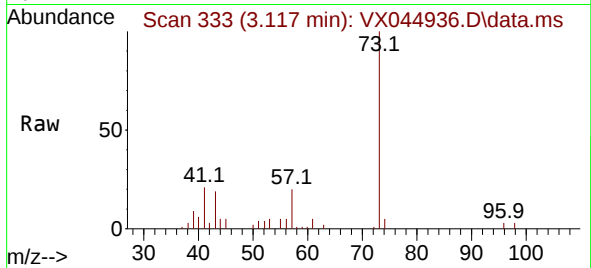
#19
Methyl tert-butyl Ether
Concen: 5.138 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 73 Resp: 2371
Ion Ratio Lower Upper
73 100
57 20.4 17.9 26.9

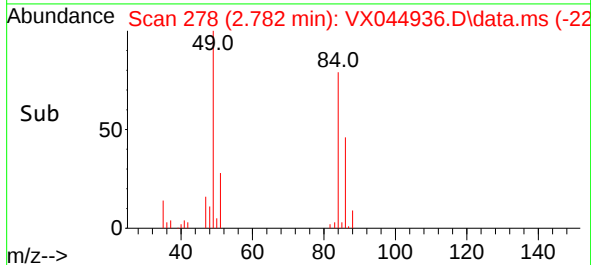
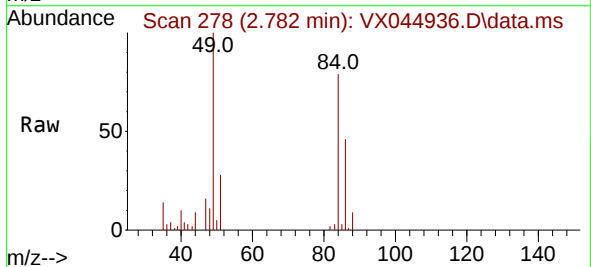
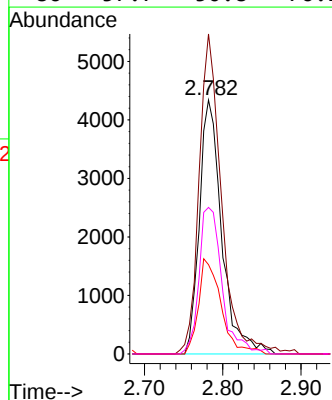
Manual Integrations
APPROVED

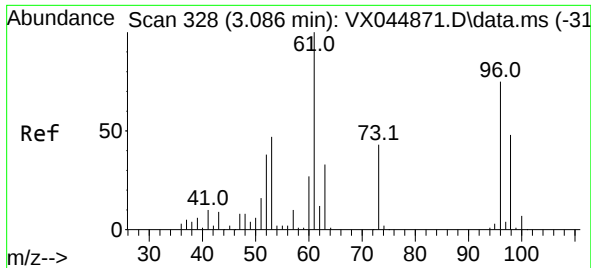
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#20
Methylene Chloride
Concen: 5.311 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

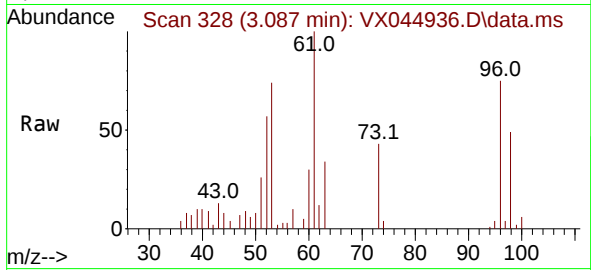
Tgt Ion: 84 Resp: 8617
Ion Ratio Lower Upper
84 100
49 124.9 100.1 150.1
51 35.1 31.7 47.5
86 57.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 5.019 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

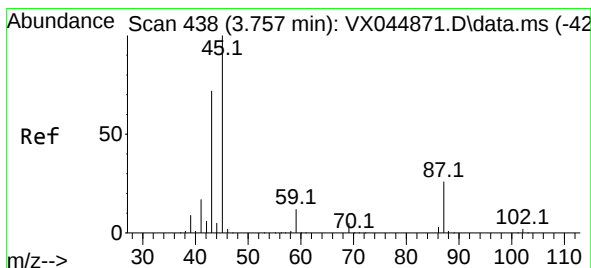
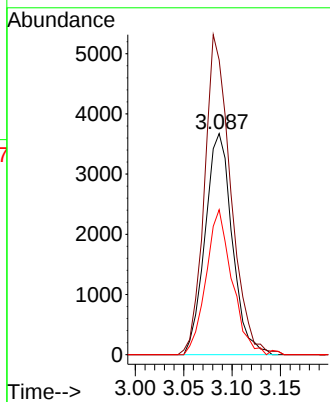
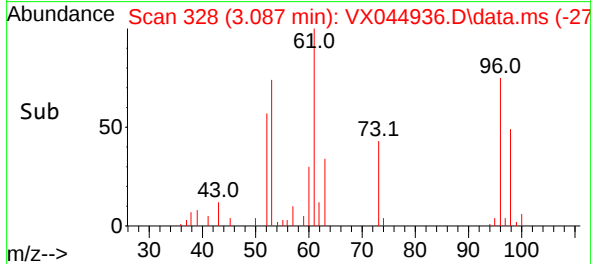
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



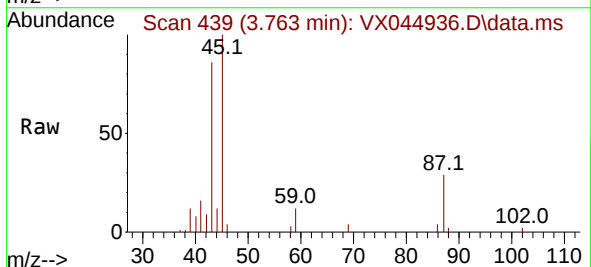
Tgt Ion: 96 Resp: 7160
Ion Ratio Lower Upper
96 100
61 133.3 106.0 159.0
98 65.6 50.6 76.0

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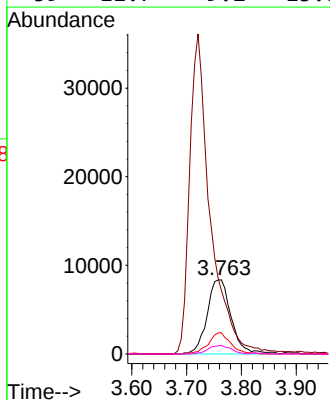
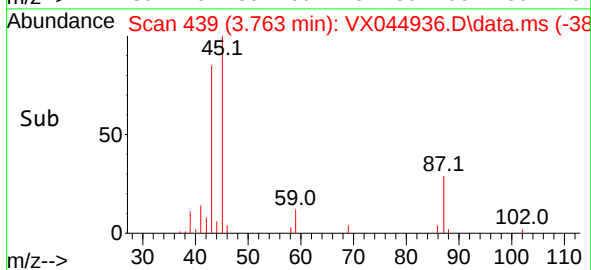
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#22
Diisopropyl ether
Concen: 5.130 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21



Tgt Ion: 45 Resp: 25448
Ion Ratio Lower Upper
45 100
43 82.5 58.0 87.0
87 28.7 20.7 31.1
59 11.7 9.2 13.8





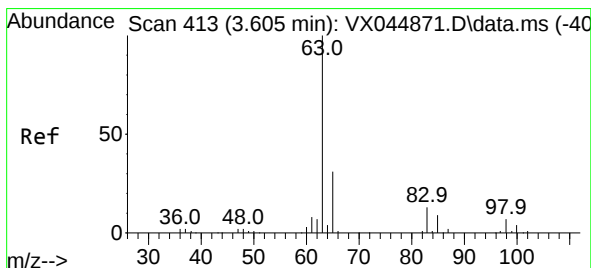
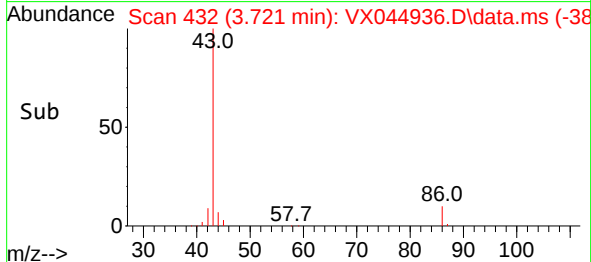
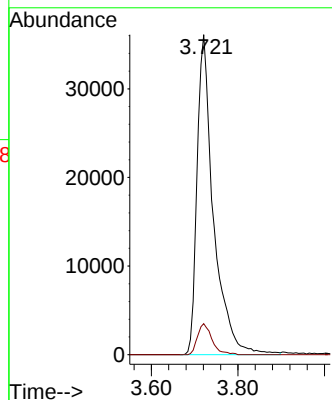
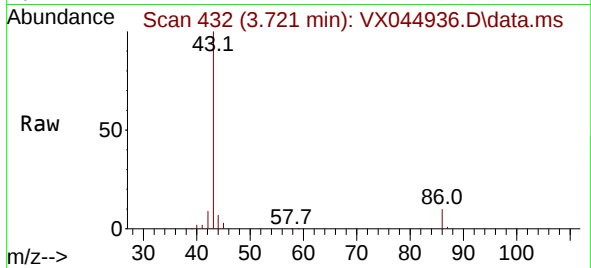
#23
 Vinyl Acetate
 Concen: 23.542 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX044936.D
 Acq: 12 Feb 2025 16:21

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

Tgt Ion: 43 Resp: 95200
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.3 12.5

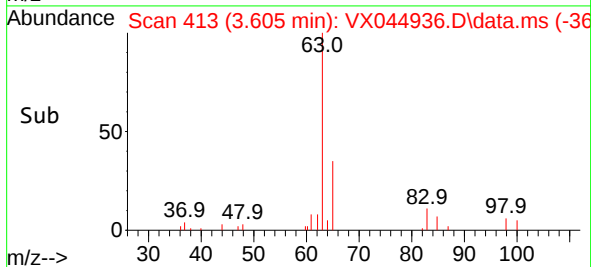
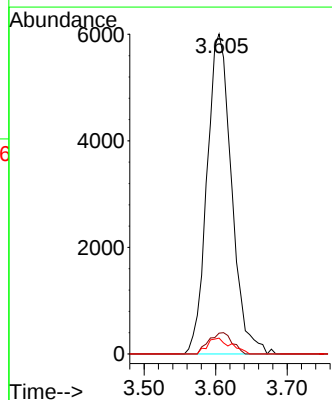
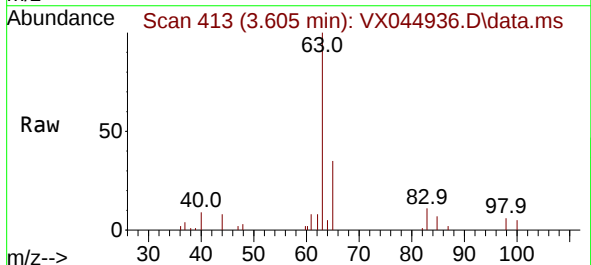
Manual Integrations
 APPROVED

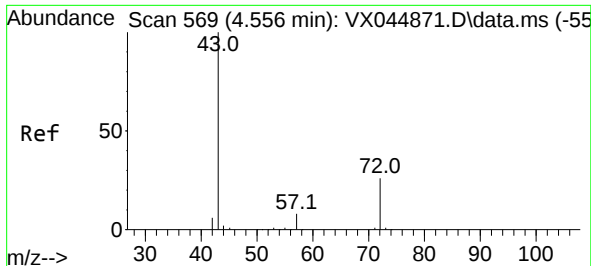
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#24
 1,1-Dichloroethane
 Concen: 5.161 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044936.D
 Acq: 12 Feb 2025 16:21

Tgt Ion: 63 Resp: 14323
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 5.0 2.1 6.5





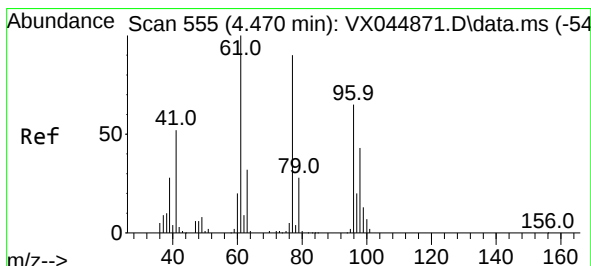
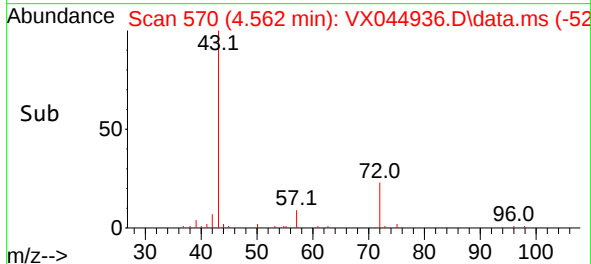
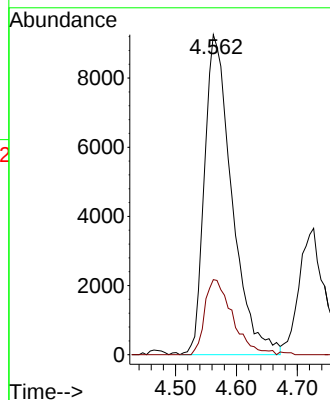
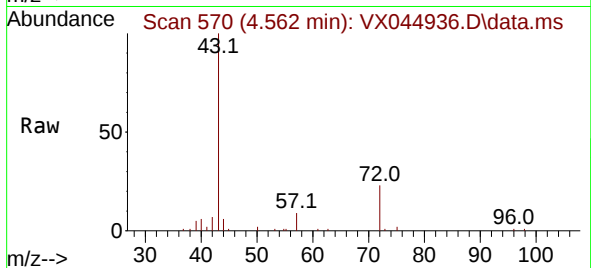
#25
2-Butanone
Concen: 26.923 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 43 Resp: 2895
Ion Ratio Lower Upper
43 100
72 23.4 21.2 31.8

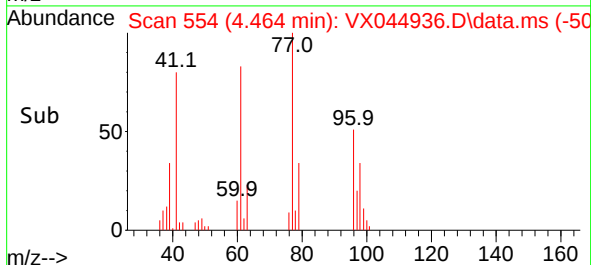
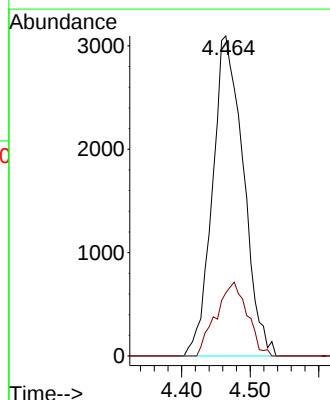
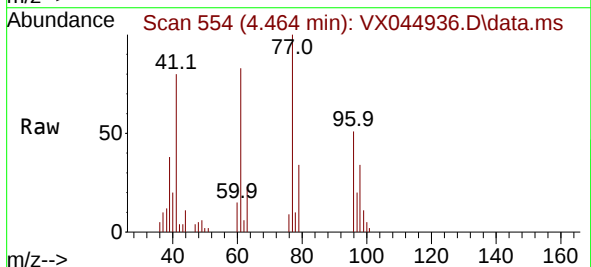
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 4.398 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion: 77 Resp: 9681
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 5.181 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044936.D

Acq: 12 Feb 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

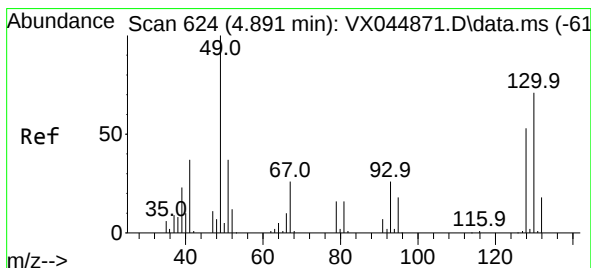
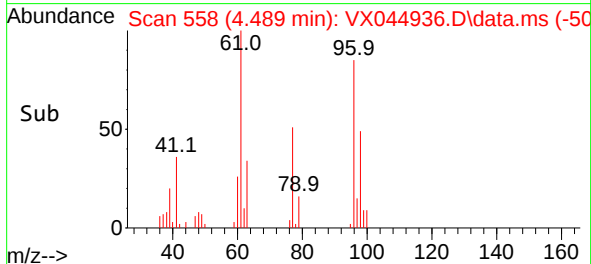
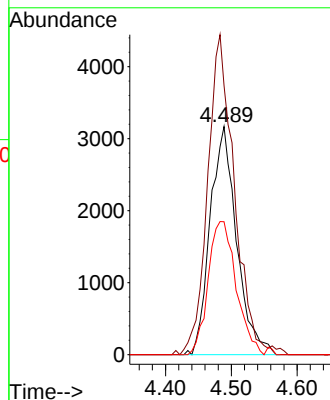
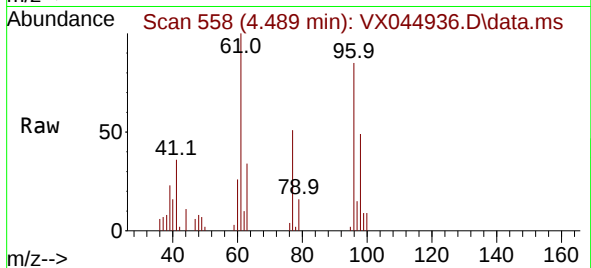
Tgt Ion: 96	Resp: 888
Ion Ratio	Lower Upper
96 100	
61 141.8	0.0 294.0
98 61.7	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#28

Bromochloromethane

Concen: 5.016 ug/l

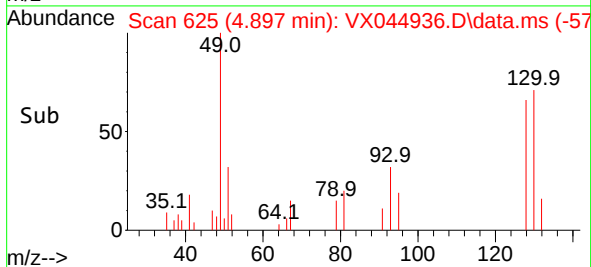
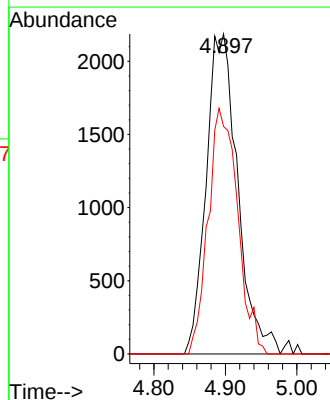
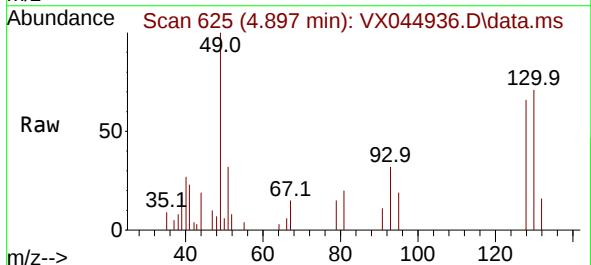
RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX044936.D

Acq: 12 Feb 2025 16:21

Tgt Ion: 49	Resp: 6690
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.6
130 71.8	56.7 85.1





#29

Tetrahydrofuran

Concen: 26.867 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX044936.D

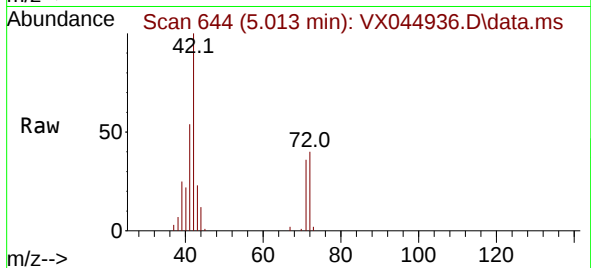
Acq: 12 Feb 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025



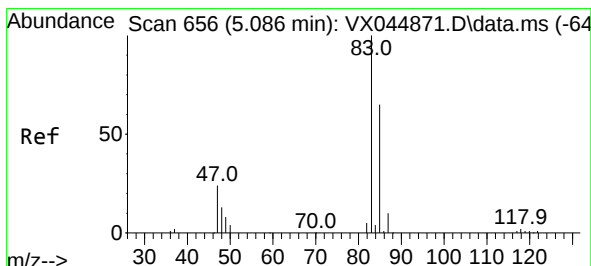
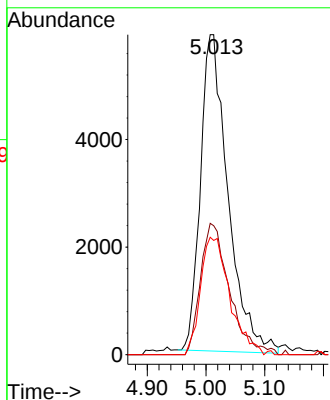
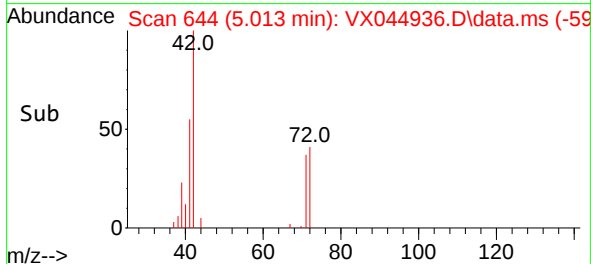
Tgt Ion: 42 Resp: 1918

Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.0	52.4
71	39.2	32.6	48.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 5.056 ug/l

RT: 5.086 min Scan# 656

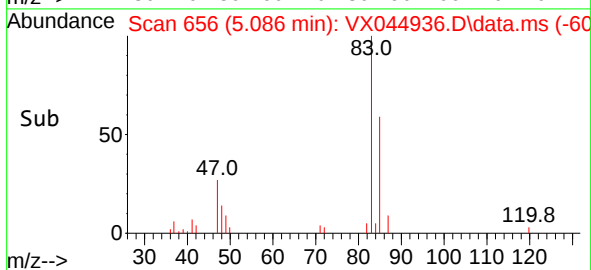
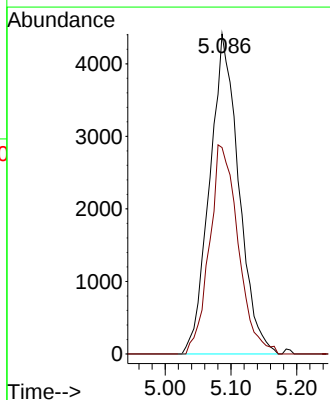
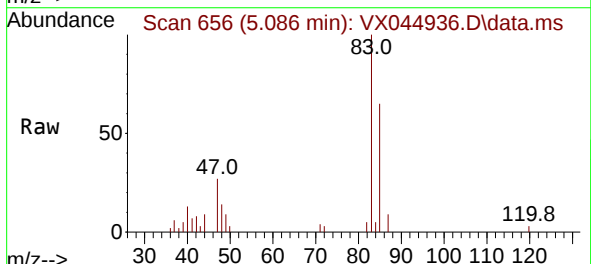
Delta R.T. 0.000 min

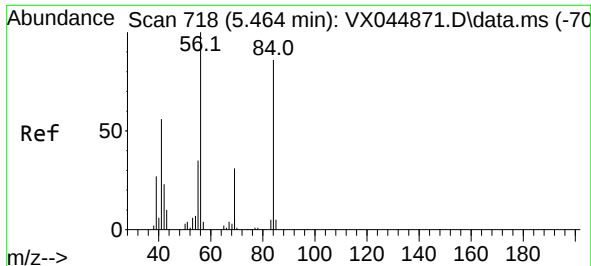
Lab File: VX044936.D

Acq: 12 Feb 2025 16:21

Tgt Ion: 83 Resp: 13608

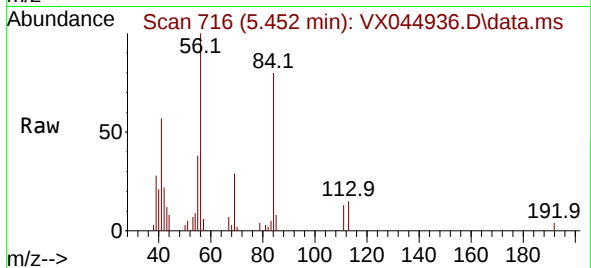
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.1	78.1





#31
Cyclohexane
Concen: 5.030 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

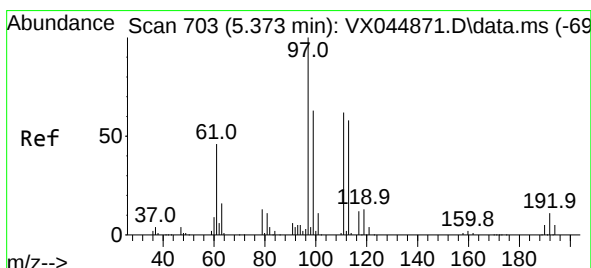
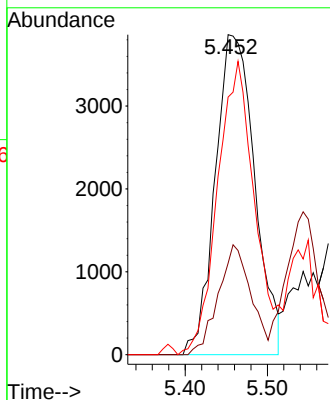
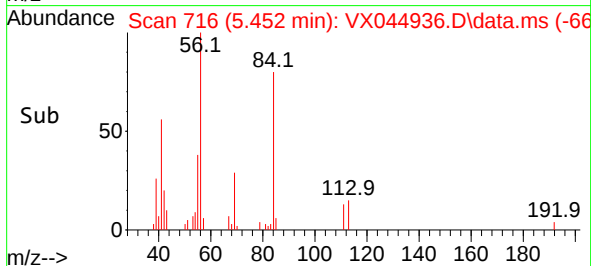
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 56 Resp: 1287
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 80.5 69.0 103.6

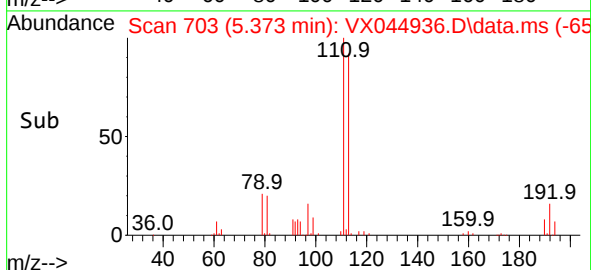
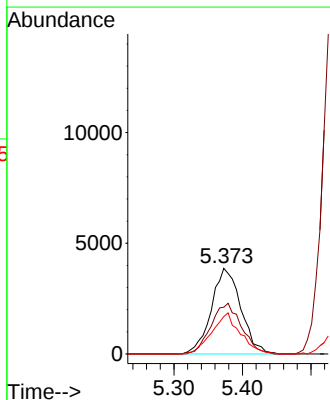
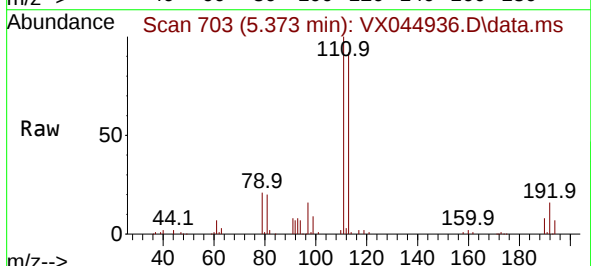
Manual Integrations
APPROVED

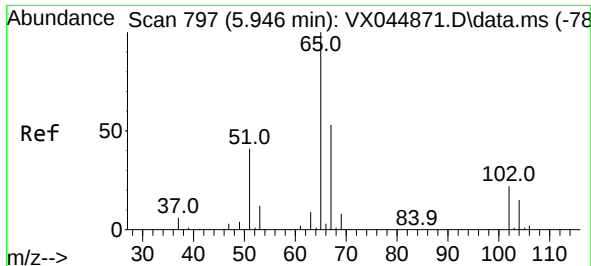
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#32
1,1,1-Trichloroethane
Concen: 5.056 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion: 97 Resp: 11544
Ion Ratio Lower Upper
97 100
99 61.4 51.0 76.6
61 45.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.545 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044936.D

Acq: 12 Feb 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 65 Resp: 86572

Ion Ratio Lower Upper

65 100

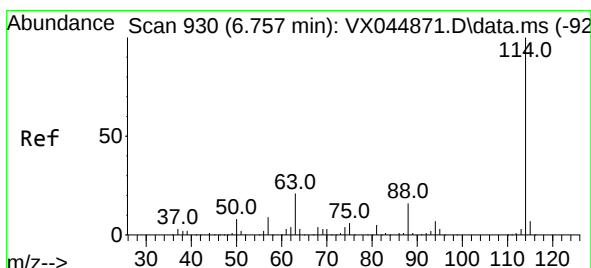
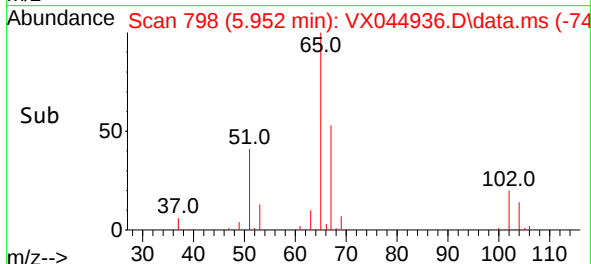
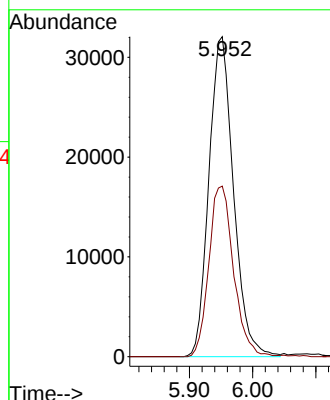
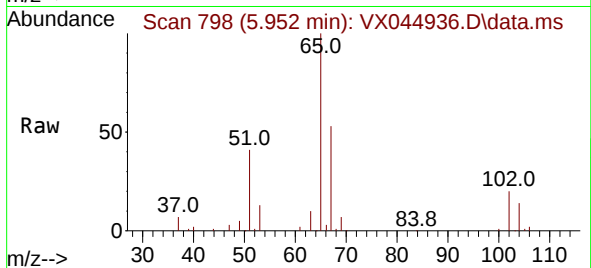
67 53.5 0.0 108.2

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: VX044936.D

Acq: 12 Feb 2025 16:21

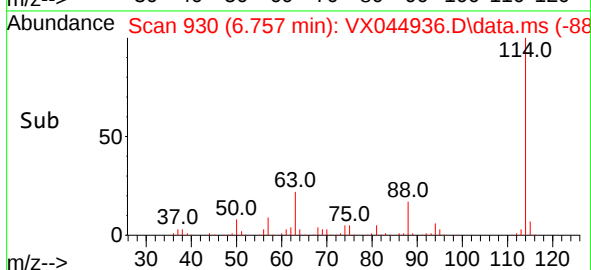
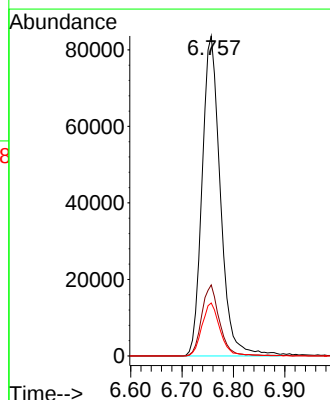
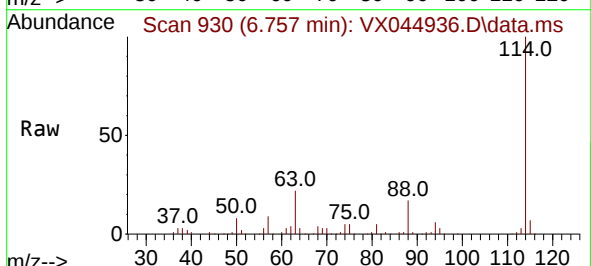
Tgt Ion:114 Resp: 206723

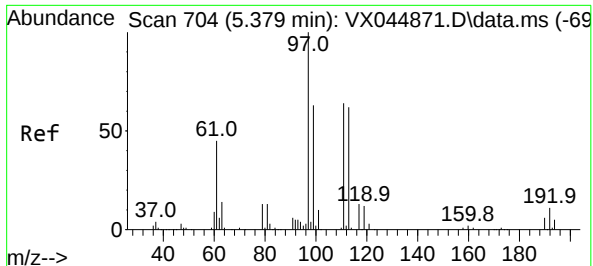
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.4

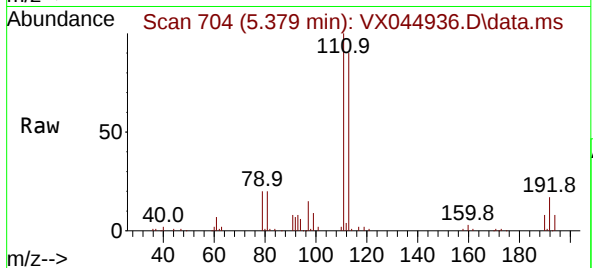
88 16.5 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.760 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

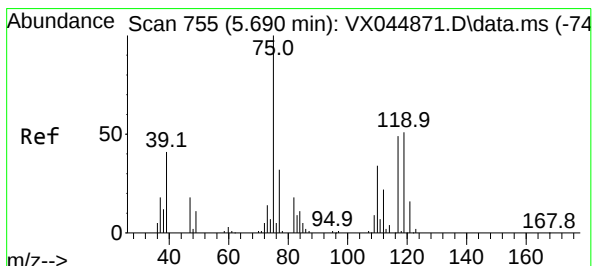
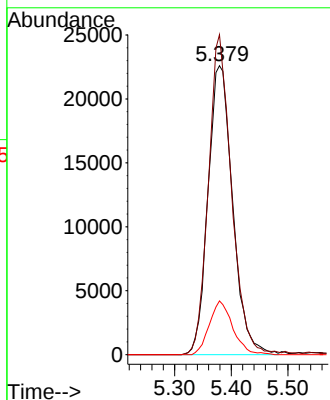
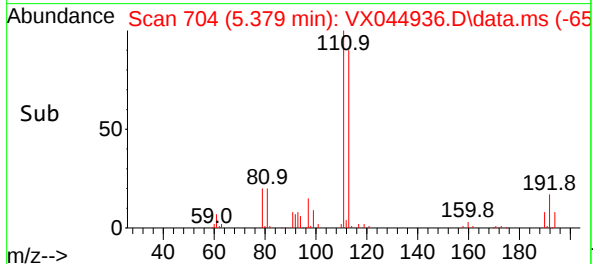
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 113 Resp: 6822
Ion Ratio Lower Upper
113 100
111 103.5 83.5 125.3
192 17.7 14.4 21.6

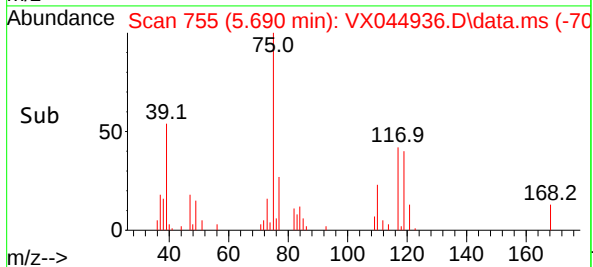
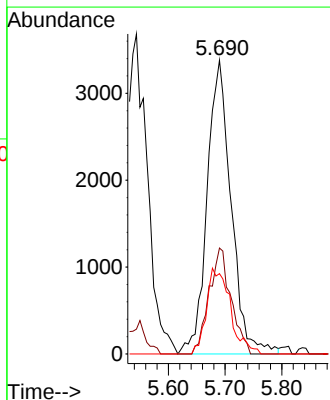
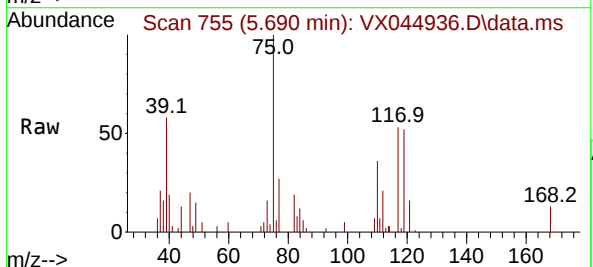
Manual Integrations
APPROVED

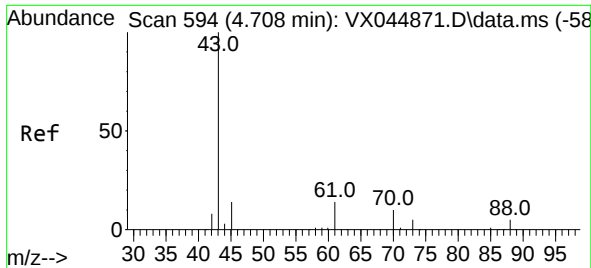
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#36
1,1-Dichloropropene
Concen: 5.141 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion: 75 Resp: 9968
Ion Ratio Lower Upper
75 100
110 32.9 17.2 51.6
77 28.9 24.6 37.0





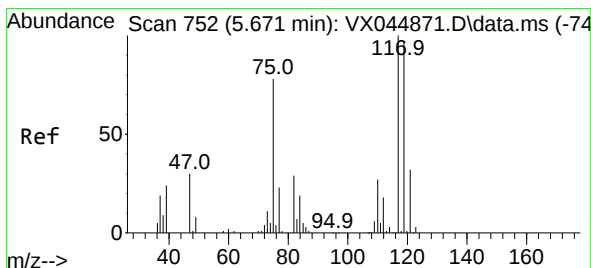
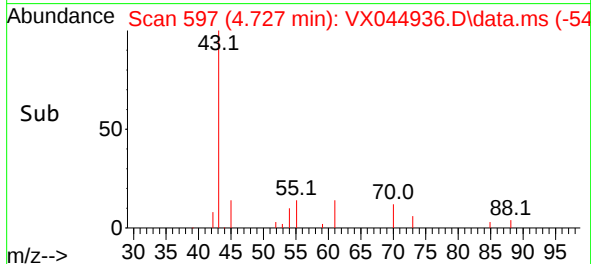
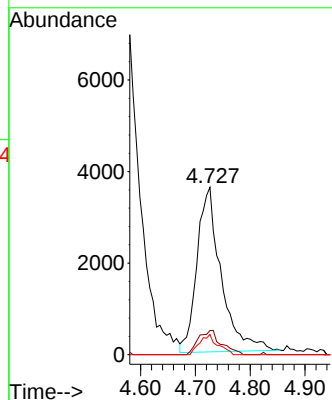
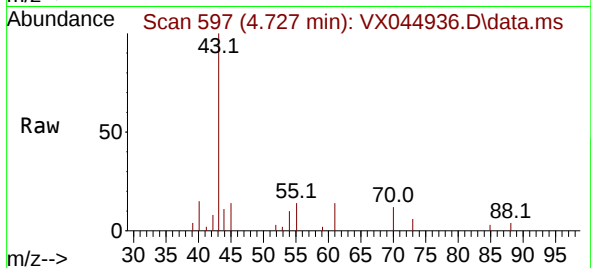
#37
Ethyl Acetate
Concen: 5.113 ug/l
RT: 4.727 min Scan# 594
Delta R.T. 0.018 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 43 Resp: 11028
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.4
70 9.1 8.2 12.2

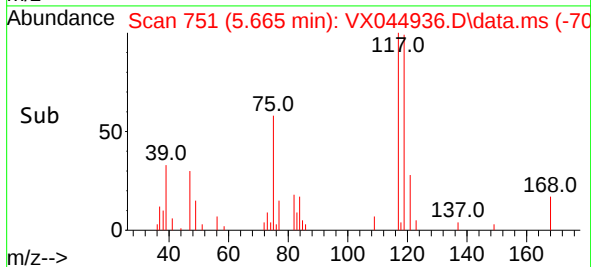
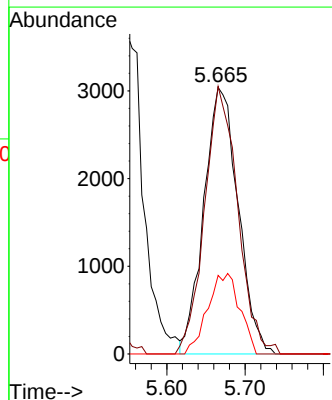
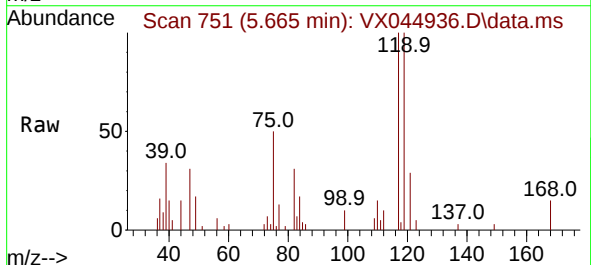
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 4.870 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion:117 Resp: 9254
Ion Ratio Lower Upper
117 100
119 100.3 77.5 116.3
121 29.5 25.6 38.4





#39

Methylcyclohexane

Concen: 4.786 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044936.D

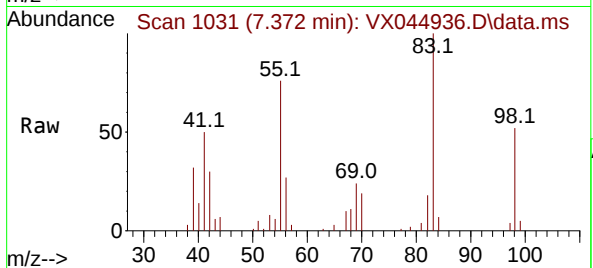
Acq: 12 Feb 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025



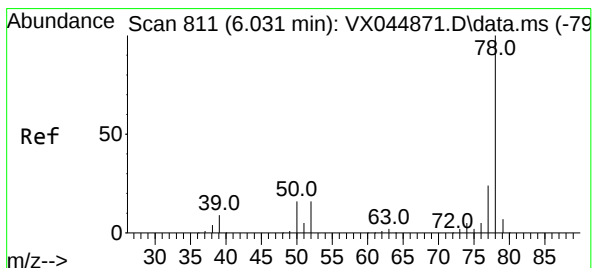
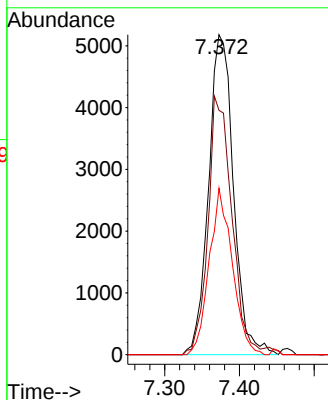
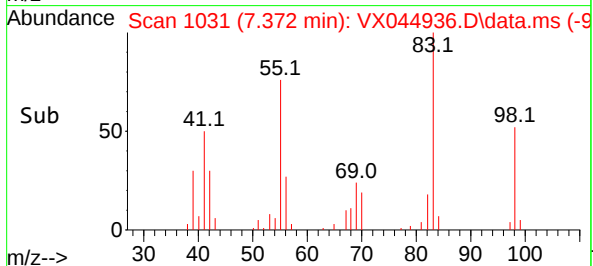
Tgt Ion: 83	Resp: 1199
Ion Ratio	Lower Upper
83	100
55	76.4 61.3 91.9
98	52.0 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#40

Benzene

Concen: 5.163 ug/l

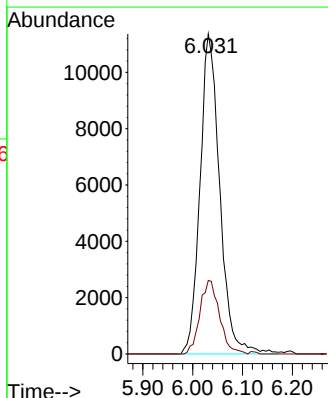
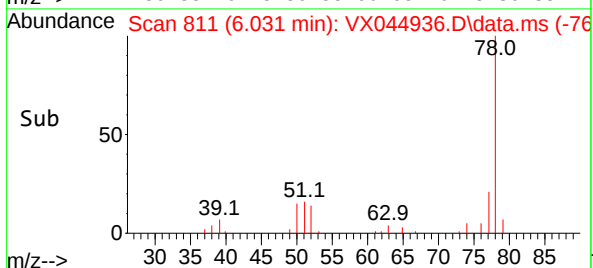
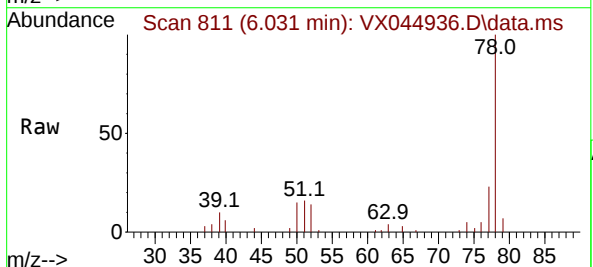
RT: 6.031 min Scan# 811

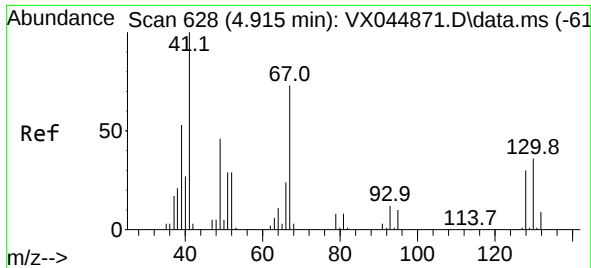
Delta R.T. 0.000 min

Lab File: VX044936.D

Acq: 12 Feb 2025 16:21

Tgt Ion: 78	Resp: 31262
Ion Ratio	Lower Upper
78	100
77	22.9 19.0 28.6





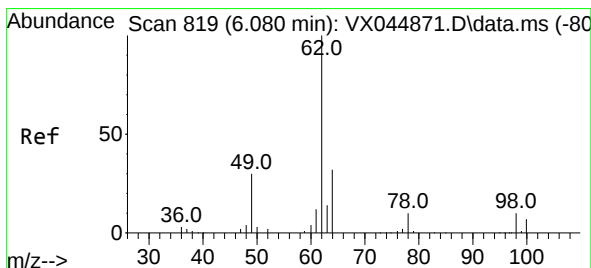
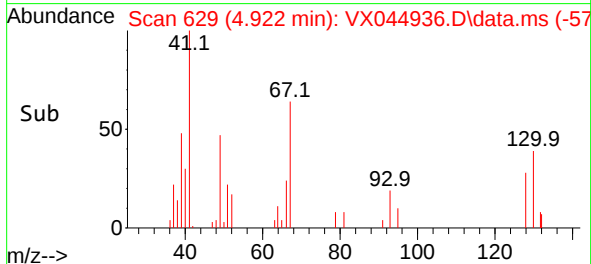
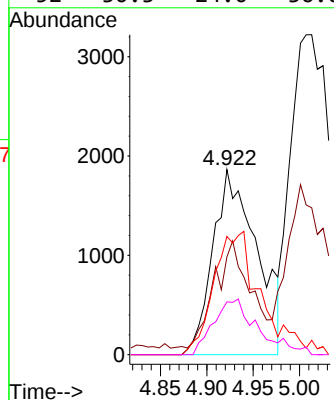
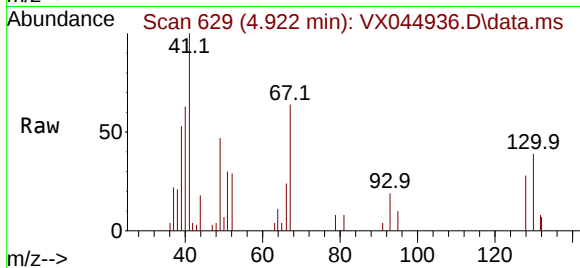
#41
Methacrylonitrile
Concen: 5.323 ug/l m
RT: 4.922 min Scan# 614
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 41	Resp: 614
Ion Ratio	Lower Upper
41 100	
39 45.7	43.1 64.7
67 69.8	57.0 85.6
52 30.3	24.0 36.0

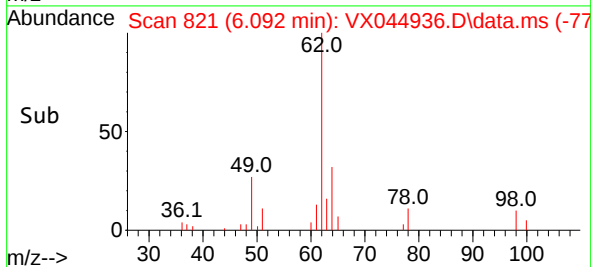
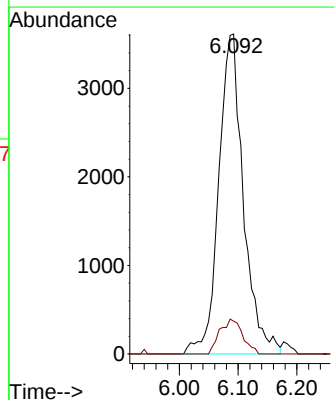
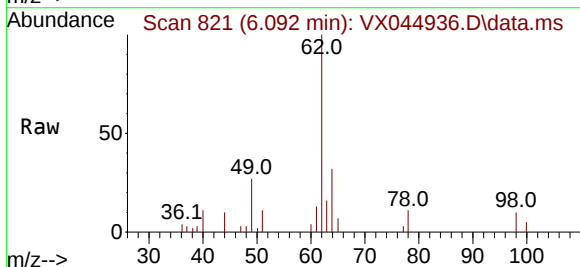
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 5.468 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

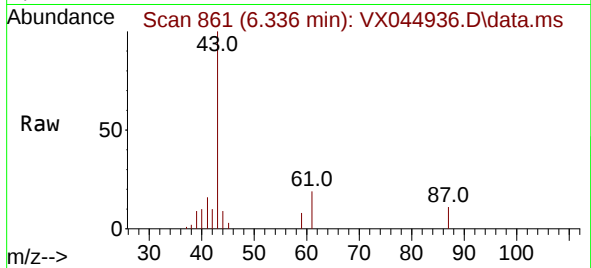
Tgt Ion: 62	Resp: 10553
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 19.4





#43
Isopropyl Acetate
Concen: 4.826 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

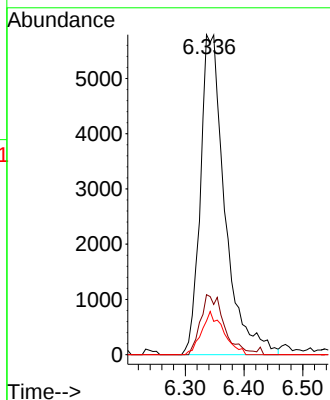
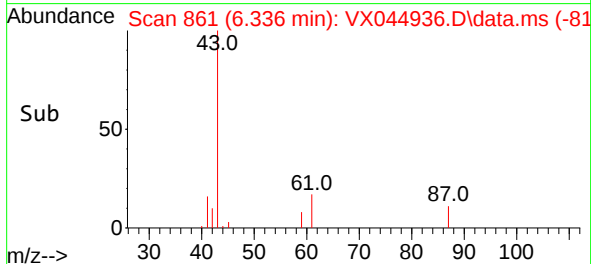
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 43 Resp: 16810
Ion Ratio Lower Upper
43 100
61 18.1 15.8 23.8
87 12.0 10.0 15.0

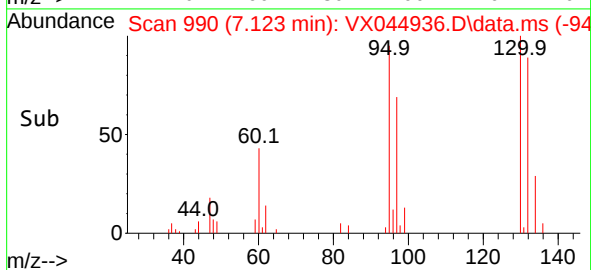
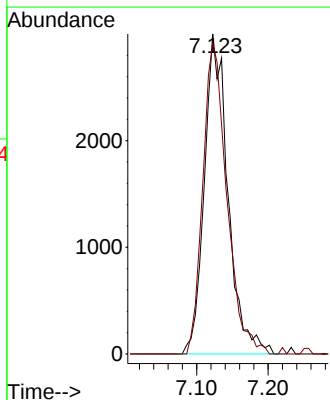
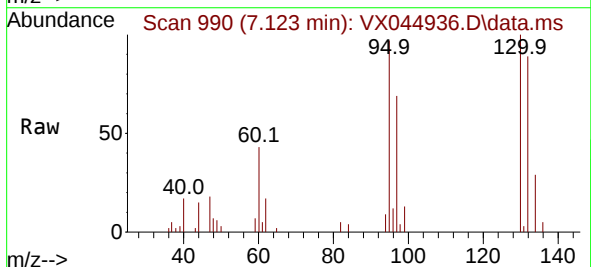
Manual Integrations
APPROVED

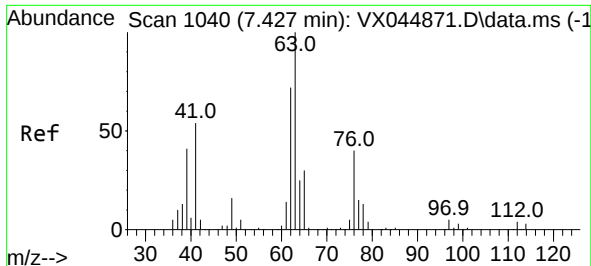
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#44
Trichloroethene
Concen: 4.981 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

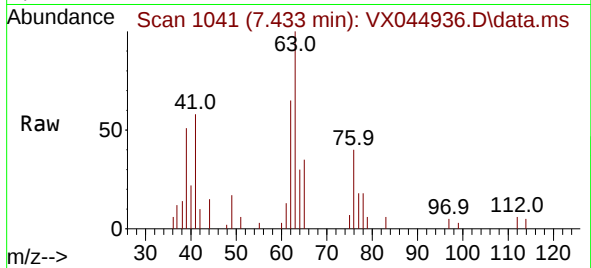
Tgt Ion:130 Resp: 6894
Ion Ratio Lower Upper
130 100
95 97.2 0.0 202.4





#45
1,2-Dichloropropane
Concen: 4.967 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

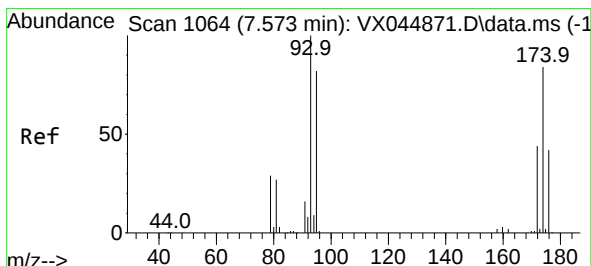
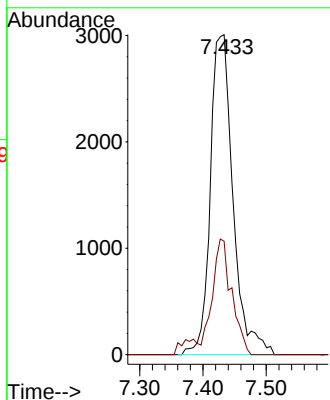
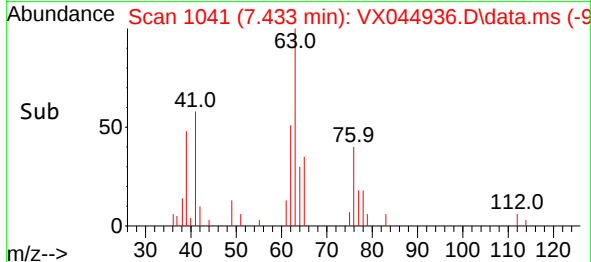
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 63 Resp: 748
Ion Ratio Lower Upper
63 100
65 35.4 24.2 36.4

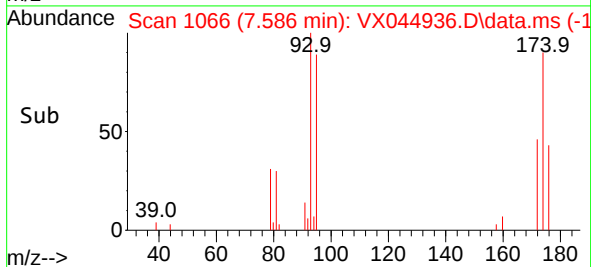
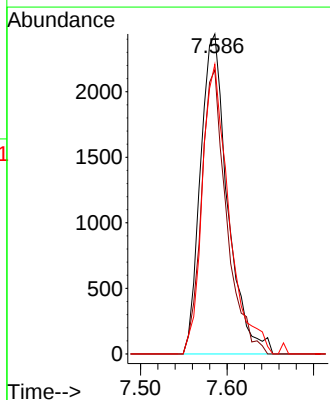
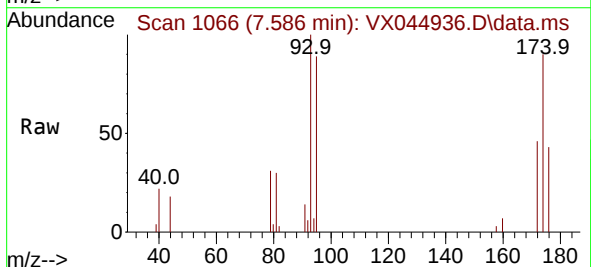
Manual Integrations
APPROVED

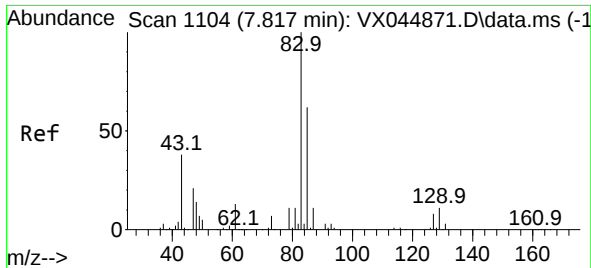
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#46
Dibromomethane
Concen: 5.072 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

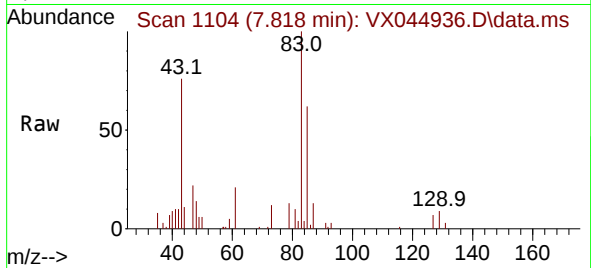
Tgt Ion: 93 Resp: 5299
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.4
174 89.4 69.9 104.9





#47
Bromodichloromethane
Concen: 4.854 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

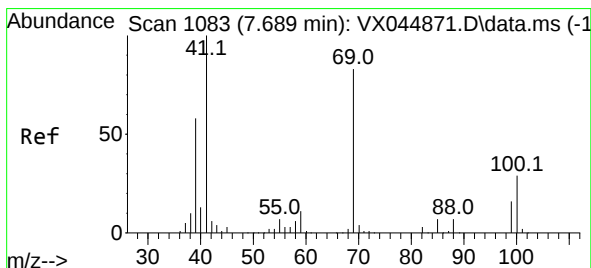
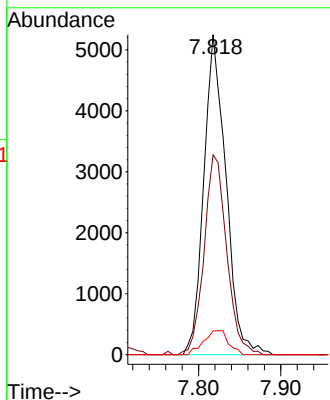
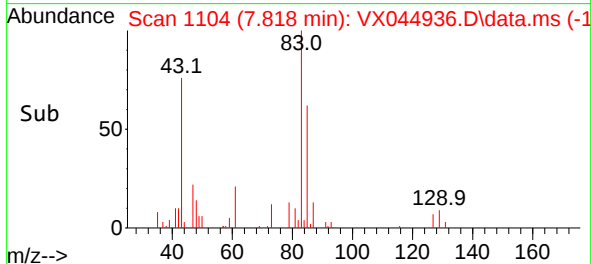
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 83 Resp: 9818
Ion Ratio Lower Upper
83 100
85 62.5 50.0 75.0
127 7.4 6.4 9.6

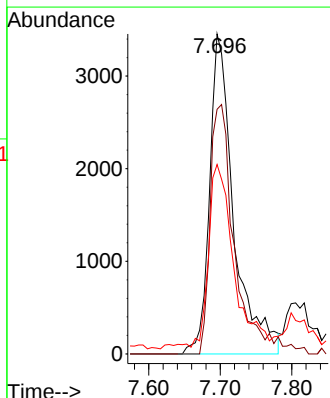
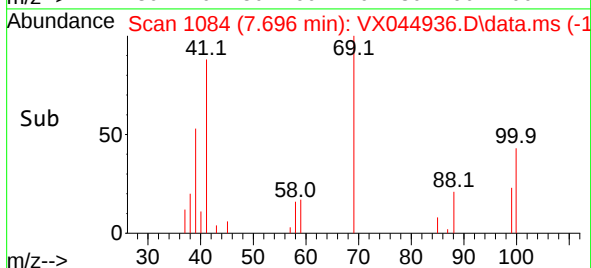
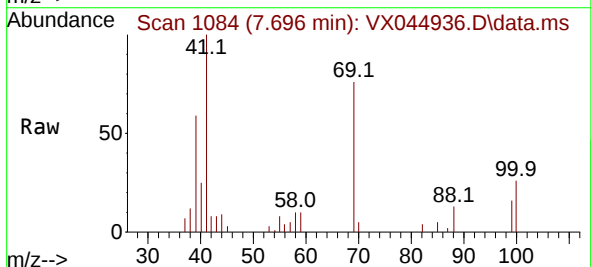
Manual Integrations
APPROVED

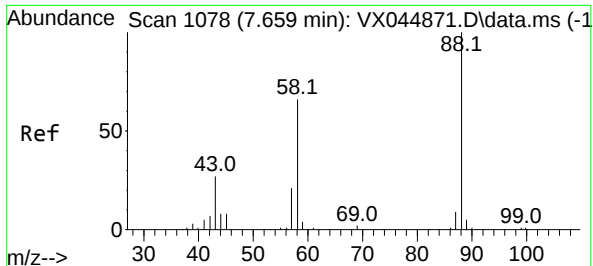
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#48
Methyl methacrylate
Concen: 4.949 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion: 41 Resp: 8127
Ion Ratio Lower Upper
41 100
69 79.0 65.8 98.8
39 58.0 46.4 69.6





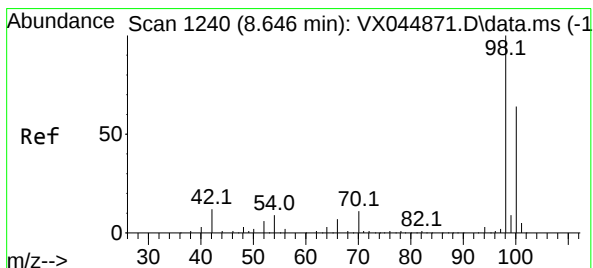
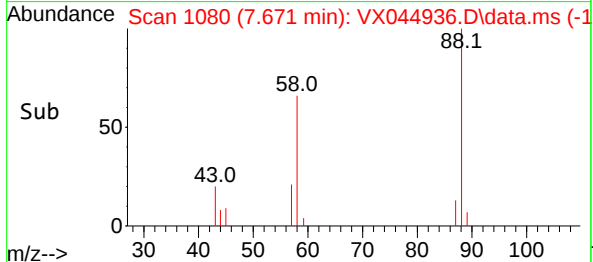
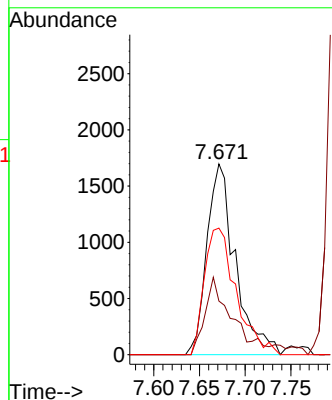
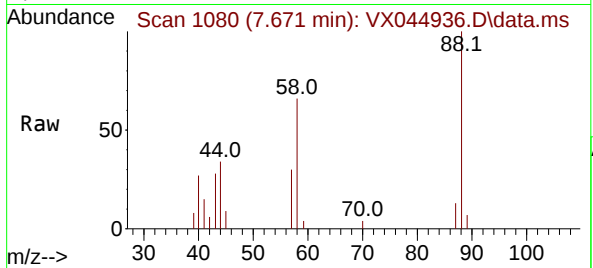
#49
1,4-Dioxane
Concen: 103.990 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 88 Resp: 3664
Ion Ratio Lower Upper
88 100
43 38.9 26.6 39.8
58 74.2 55.9 83.9

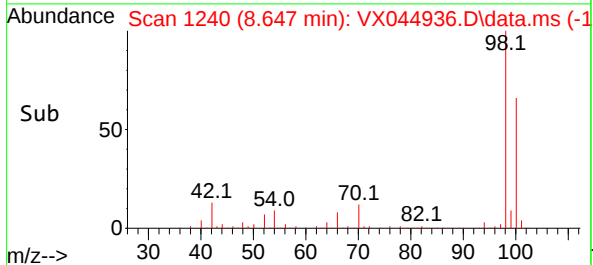
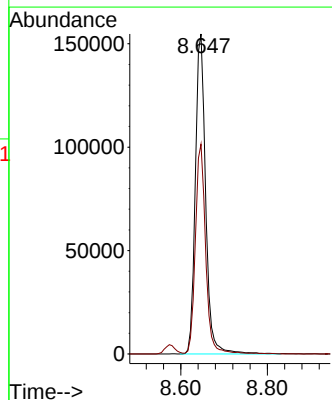
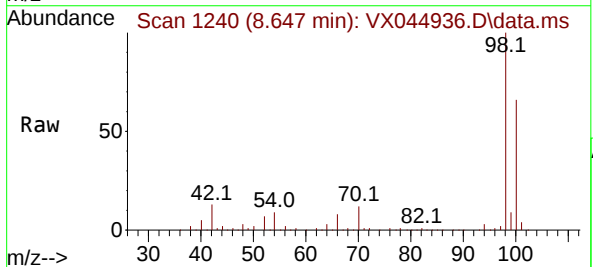
Manual Integrations
APPROVED

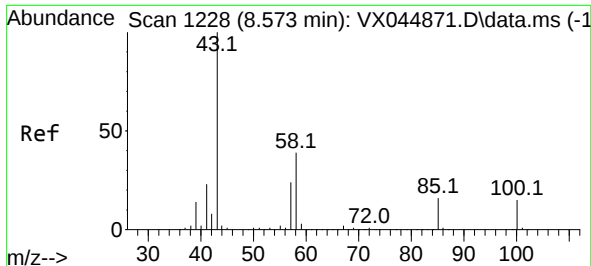
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#50
Toluene-d8
Concen: 50.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

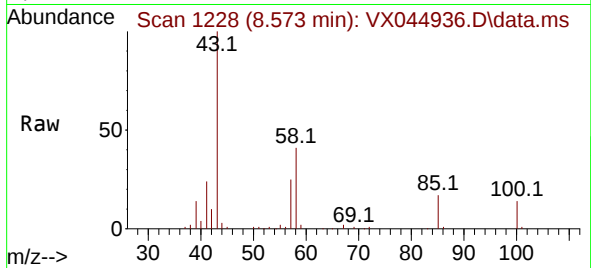
Tgt Ion: 98 Resp: 256390
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 25.662 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

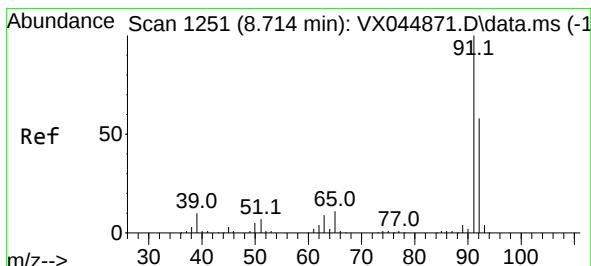
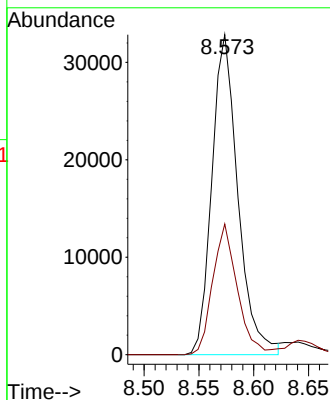
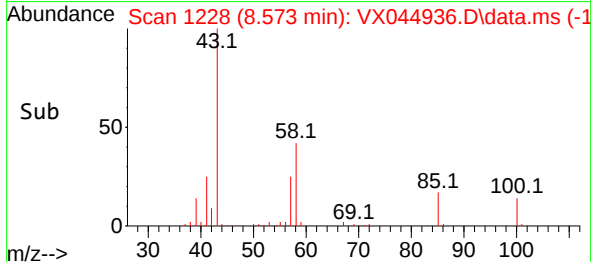
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



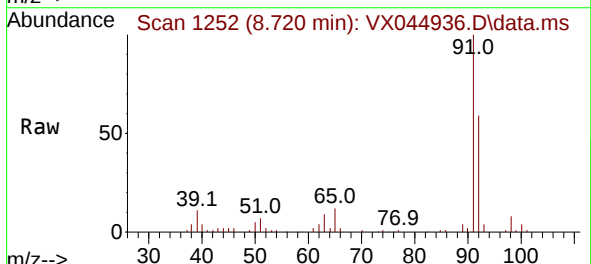
Tgt Ion: 43 Resp: 5433
Ion Ratio Lower Upper
43 100
58 38.6 30.8 46.2

Manual Integrations
APPROVED

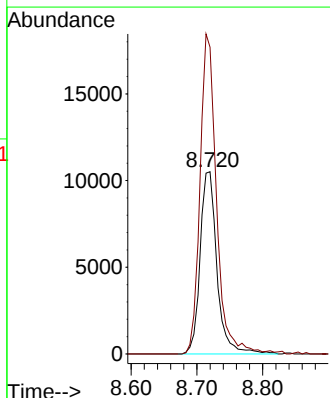
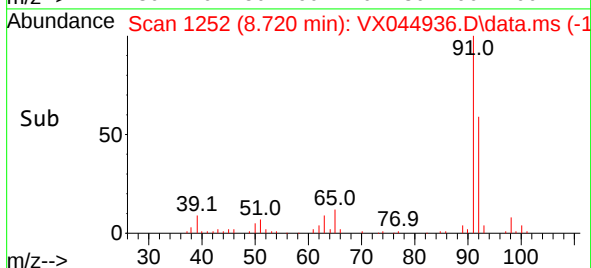
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

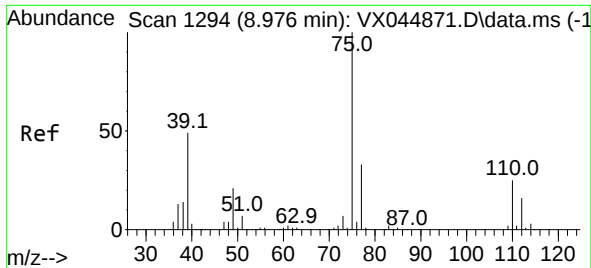


#52
Toluene
Concen: 5.201 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21



Tgt Ion: 92 Resp: 18754
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.2





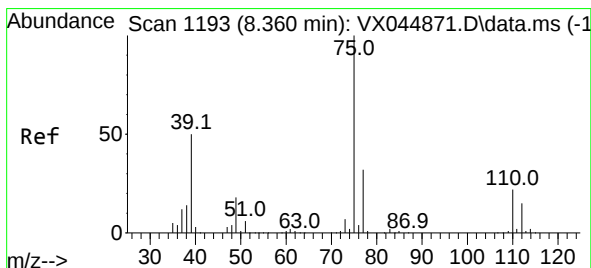
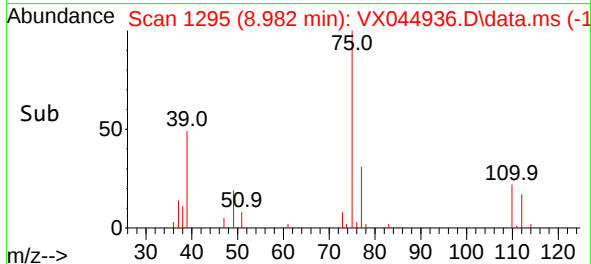
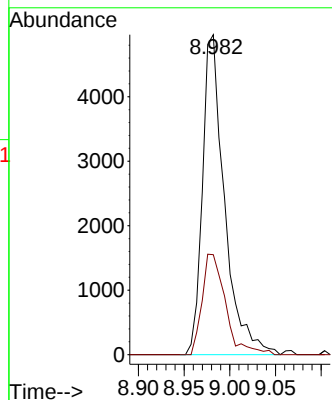
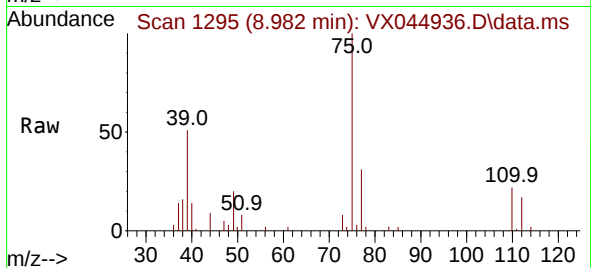
#53
t-1,3-Dichloropropene
Concen: 4.073 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 75 Resp: 833
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0

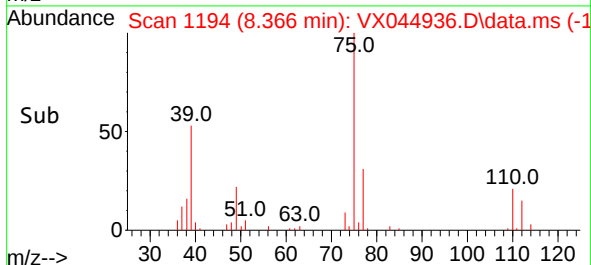
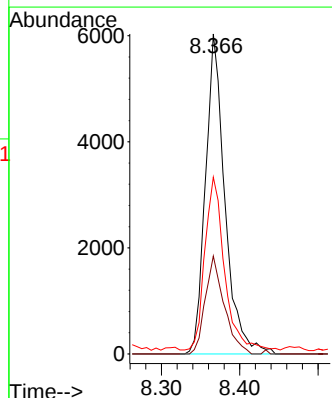
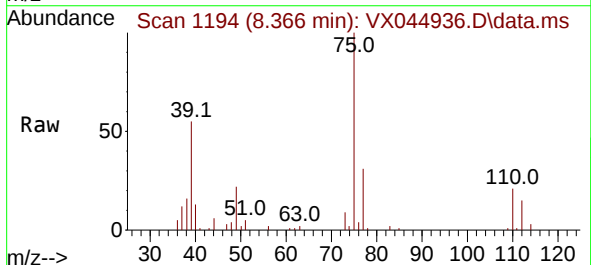
Manual Integrations
APPROVED

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



#54
cis-1,3-Dichloropropene
Concen: 4.553 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

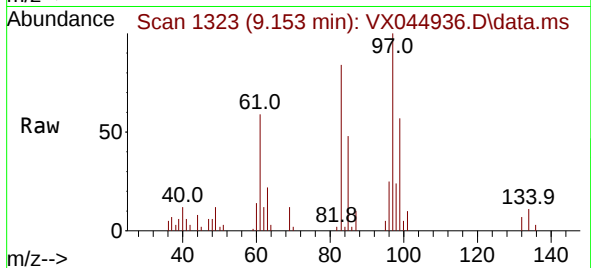
Tgt Ion: 75 Resp: 10392
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
39 54.0 40.0 60.0





#55
 1,1,2-Trichloroethane
 Concen: 4.984 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX044936.D
 Acq: 12 Feb 2025 16:21

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

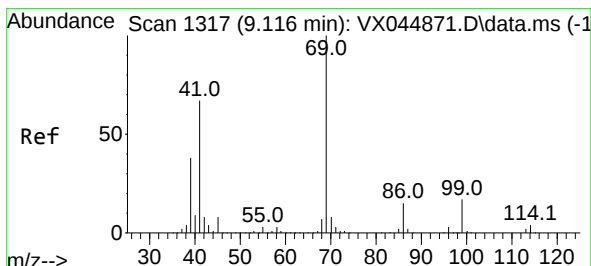
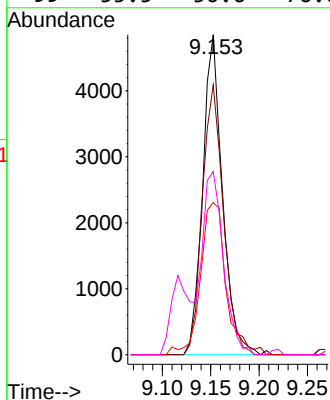
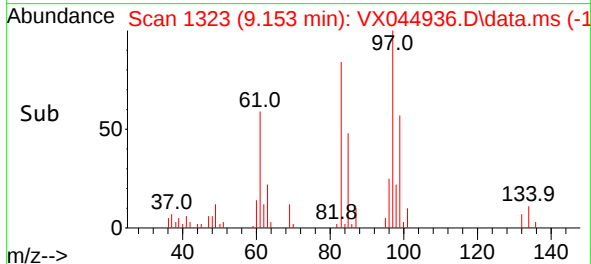


Tgt Ion: 97 Resp: 6908

Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.8	104.6
85	47.5	44.8	67.2
99	55.5	50.6	76.0

Manual Integrations
 APPROVED

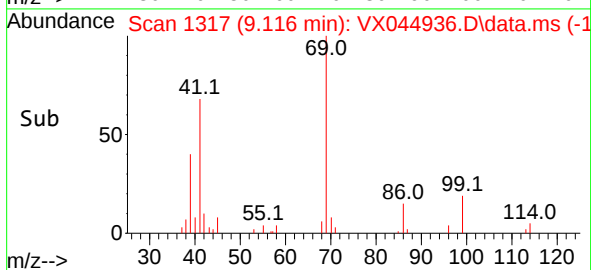
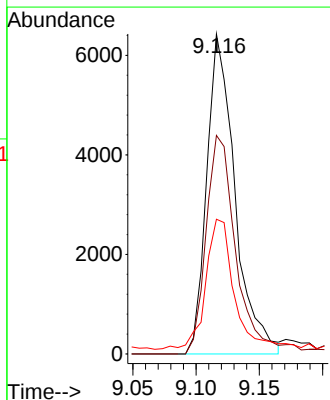
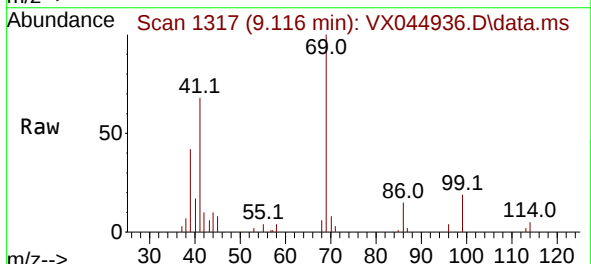
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

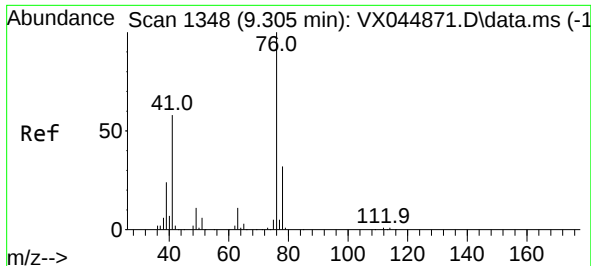


#56
 Ethyl methacrylate
 Concen: 4.456 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX044936.D
 Acq: 12 Feb 2025 16:21

Tgt Ion: 69 Resp: 9976

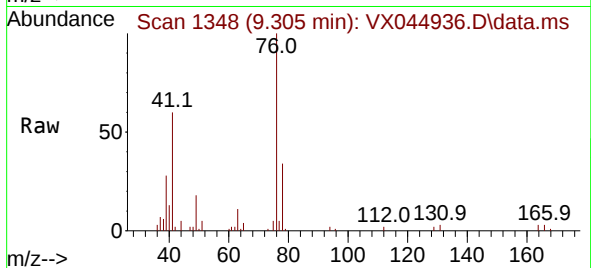
Ion	Ratio	Lower	Upper
69	100		
41	74.9	55.2	82.8
39	41.4	30.8	46.2





#57
1,3-Dichloropropane
Concen: 5.294 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

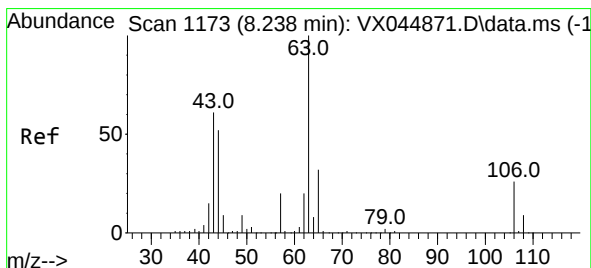
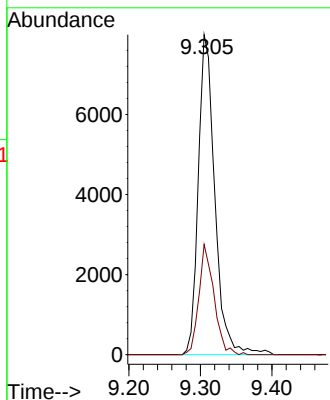
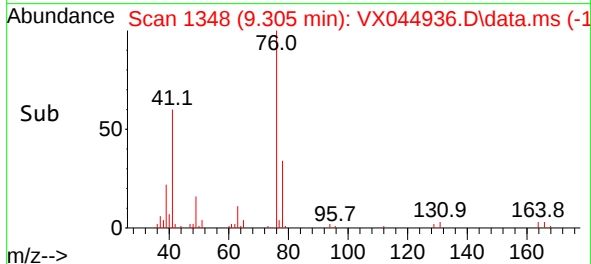
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 76 Resp: 12840
Ion Ratio Lower Upper
76 100
78 31.6 25.8 38.8

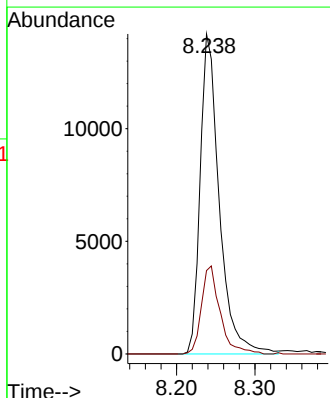
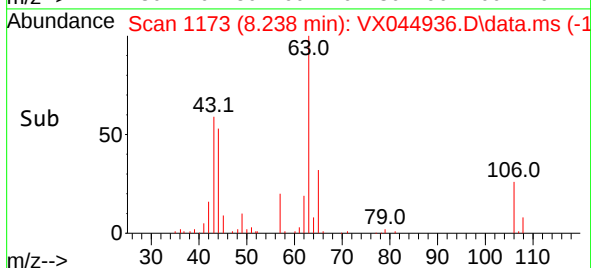
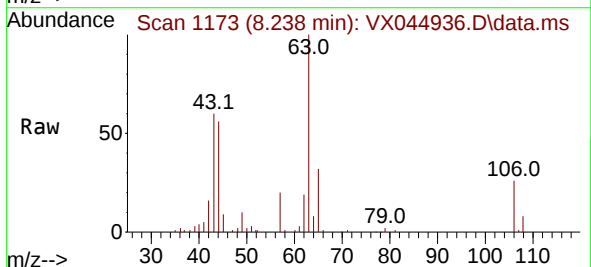
Manual Integrations
APPROVED

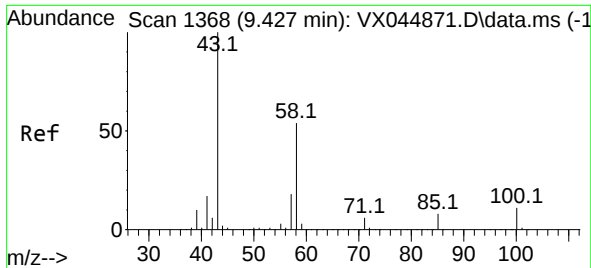
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 21.881 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

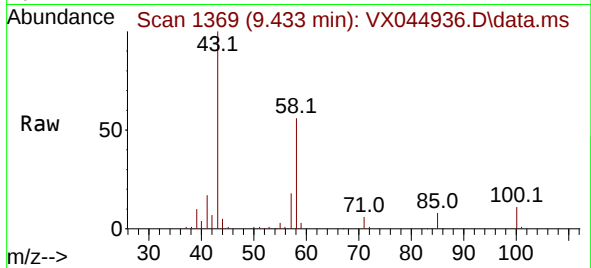
Tgt Ion: 63 Resp: 24054
Ion Ratio Lower Upper
63 100
106 26.8 21.3 31.9





#59
2-Hexanone
Concen: 26.501 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

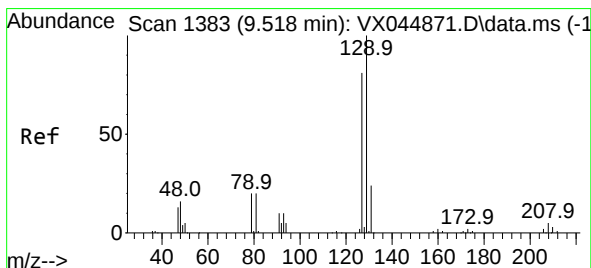
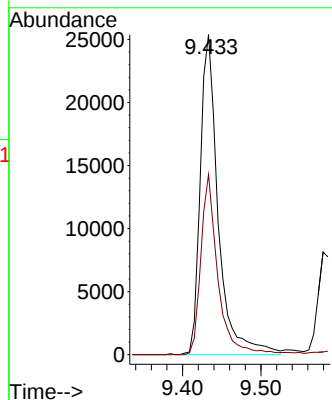
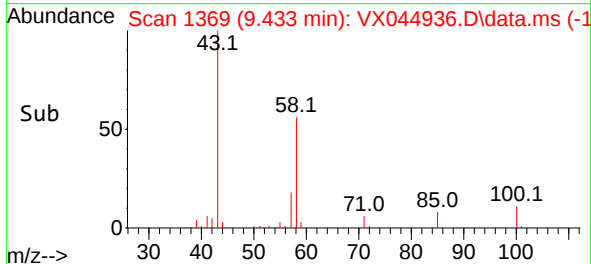
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 43 Resp: 4043
Ion Ratio Lower Upper
43 100
58 53.0 27.5 82.4

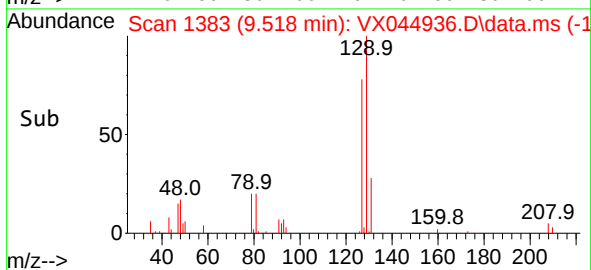
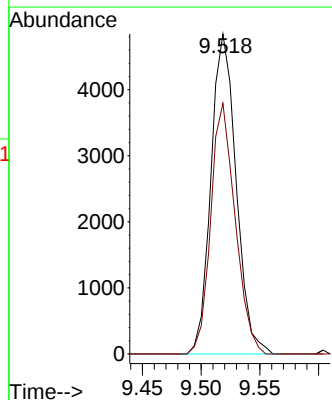
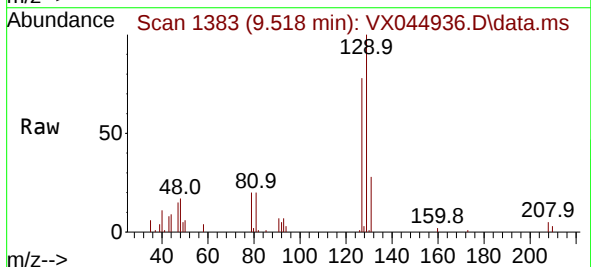
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 4.867 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

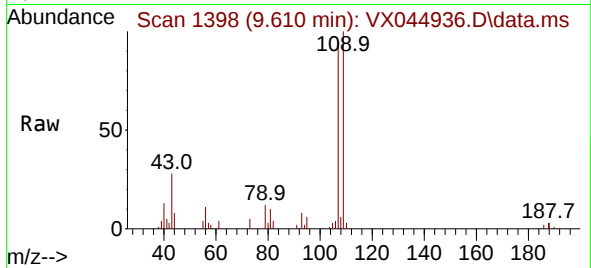
Tgt Ion:129 Resp: 7216
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 4.995 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

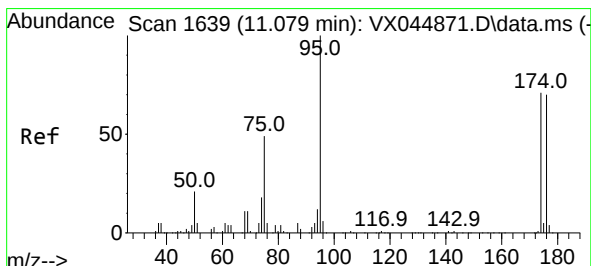
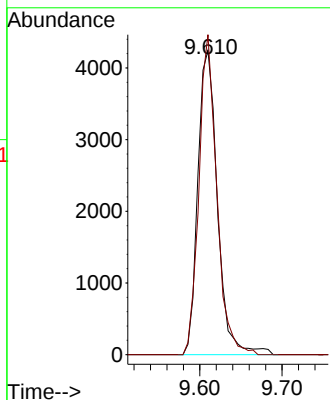
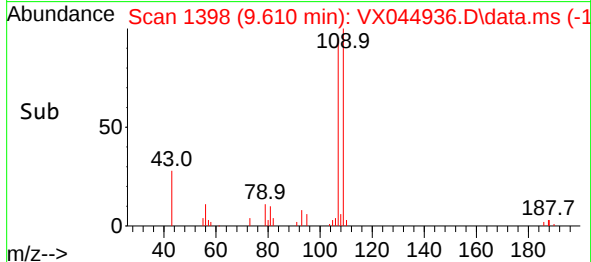
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



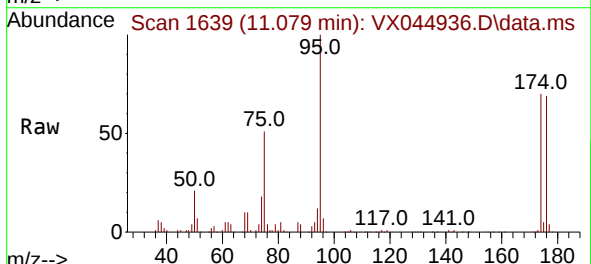
Tgt Ion:107 Resp: 7018
Ion Ratio Lower Upper
107 100
109 96.2 75.9 113.9

Manual Integrations
APPROVED

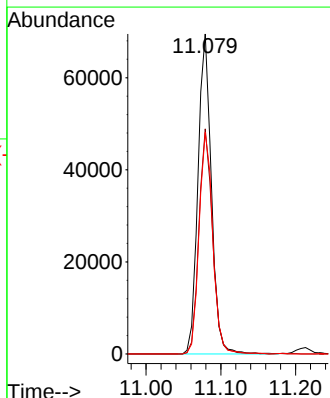
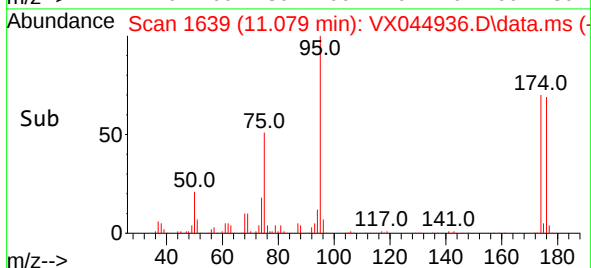
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

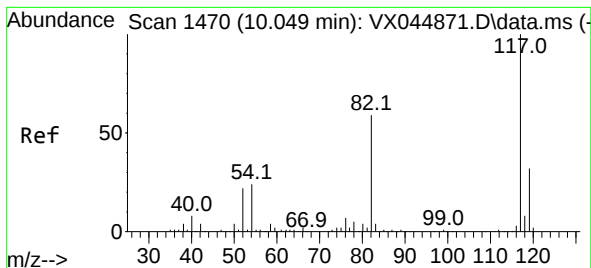


#62
4-Bromofluorobenzene
Concen: 50.494 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21



Tgt Ion: 95 Resp: 86515
Ion Ratio Lower Upper
95 100
174 71.5 0.0 142.6
176 70.8 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: VX044936.D

Acq: 12 Feb 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

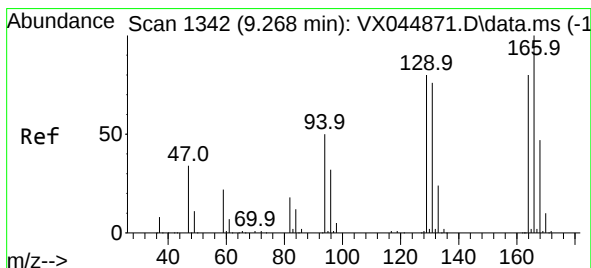
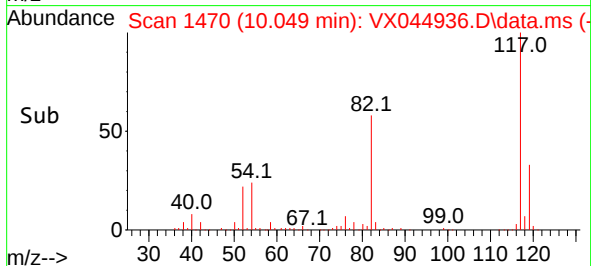
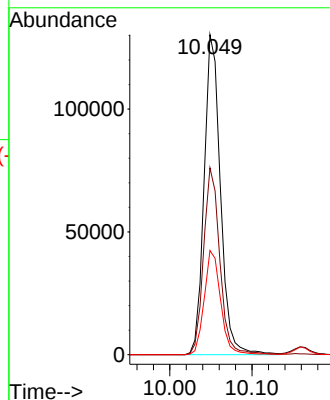
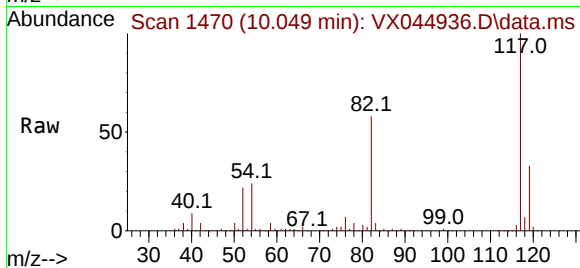
Tgt Ion:117 Resp: 18045

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.5	71.3
119	32.6	25.4	38.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#64

Tetrachloroethene

Concen: 5.021 ug/l

RT: 9.275 min Scan# 1343

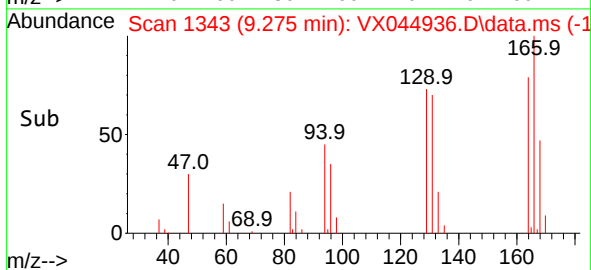
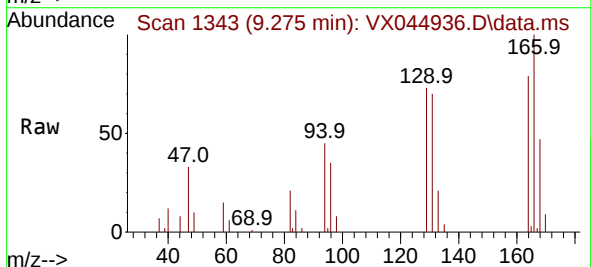
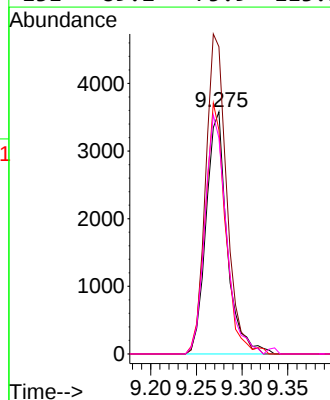
Delta R.T. 0.006 min

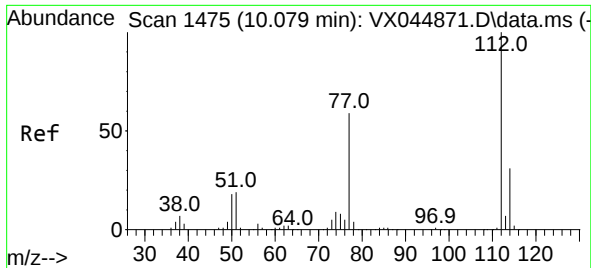
Lab File: VX044936.D

Acq: 12 Feb 2025 16:21

Tgt Ion:164 Resp: 5714

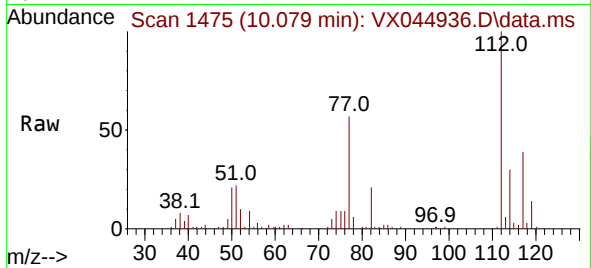
Ion	Ratio	Lower	Upper
164	100		
166	126.9	100.4	150.6
129	92.5	79.9	119.9
131	89.2	75.9	113.9





#65
Chlorobenzene
Concen: 5.000 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

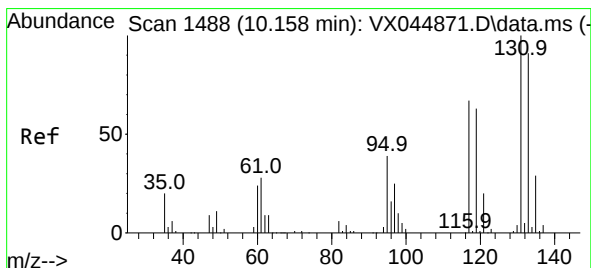
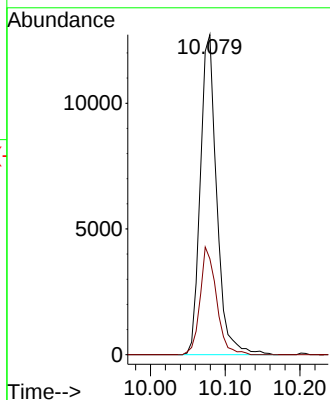
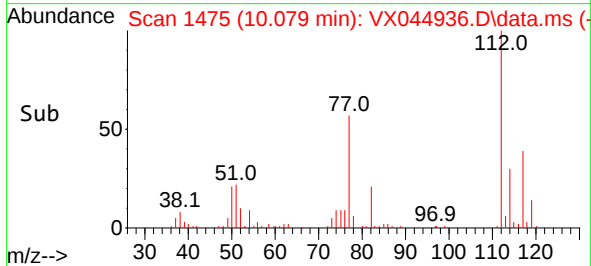
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



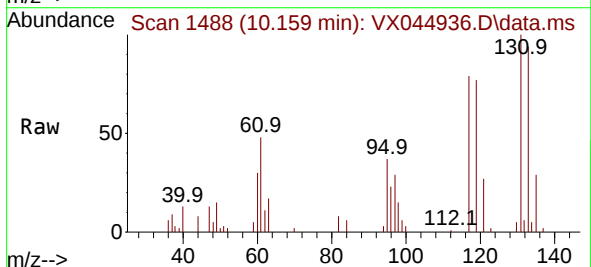
Tgt Ion:112 Resp: 19379
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.6

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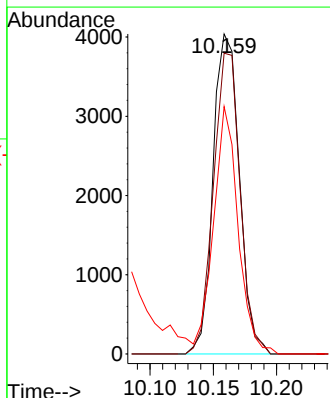
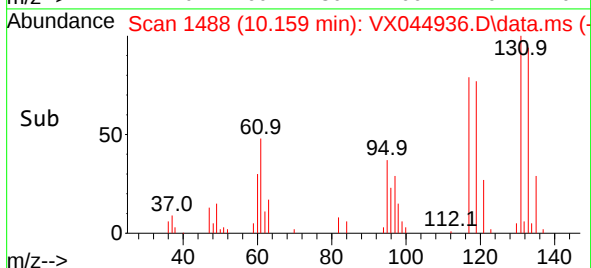
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

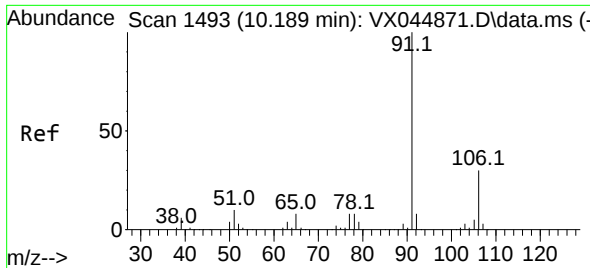


#66
1,1,1,2-Tetrachloroethane
Concen: 4.669 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21



Tgt Ion:131 Resp: 5825
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 72.2 33.6 100.6





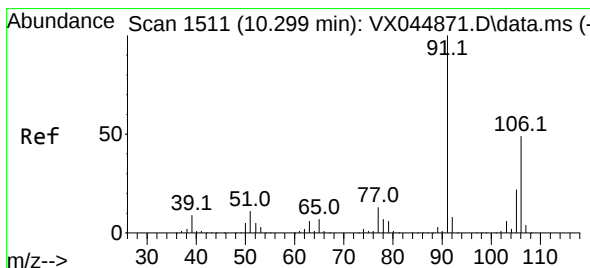
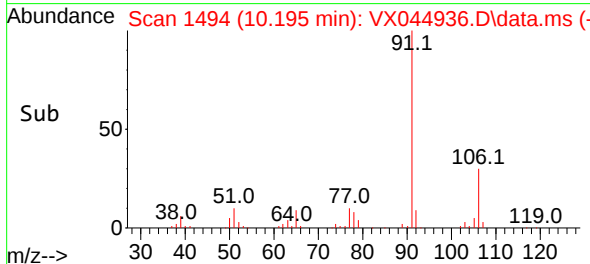
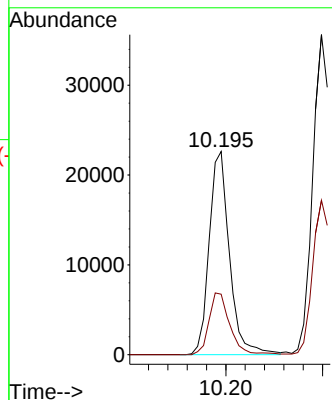
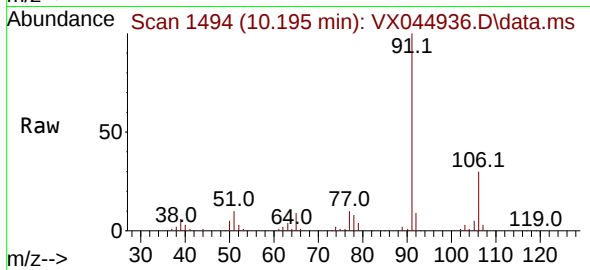
#67
Ethyl Benzene
Concen: 4.817 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 91 Resp: 32944
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9

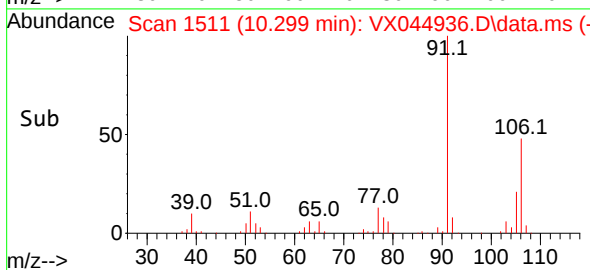
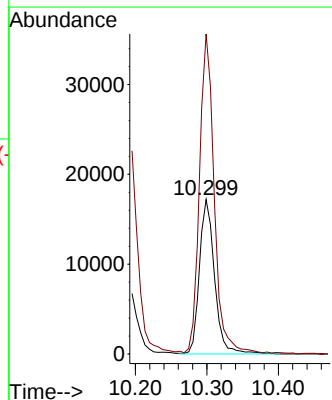
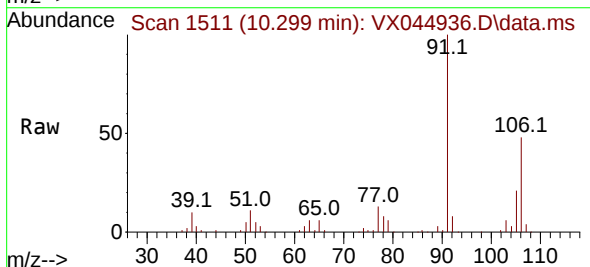
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 10.011 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion:106 Resp: 25257
Ion Ratio Lower Upper
106 100
91 204.1 164.3 246.5





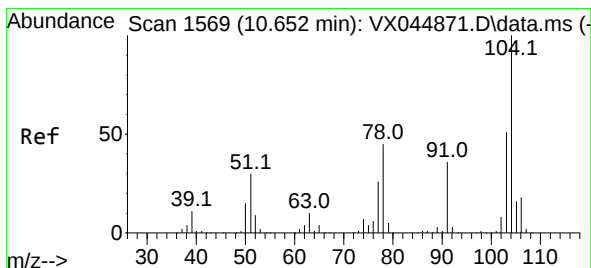
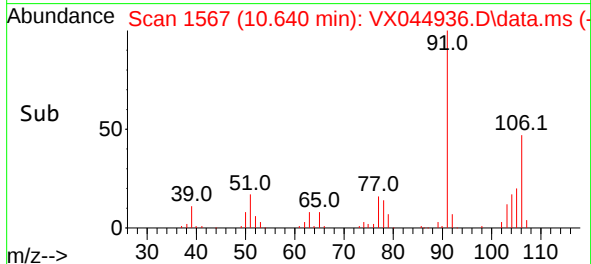
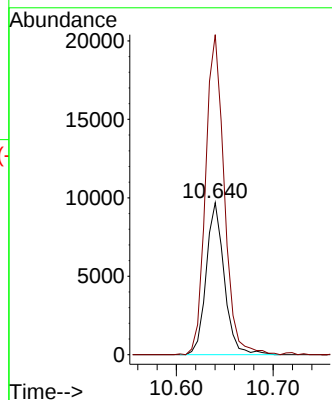
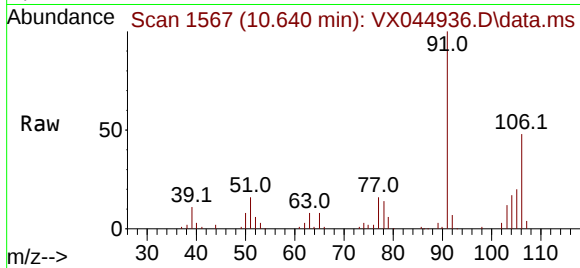
#69
o-Xylene
Concen: 4.996 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion:106 Resp: 12649
Ion Ratio Lower Upper
106 100
91 217.1 108.5 325.5

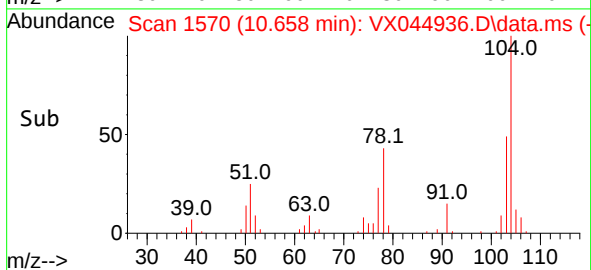
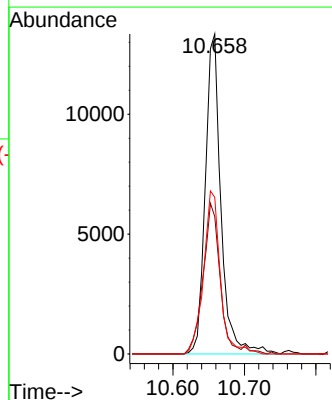
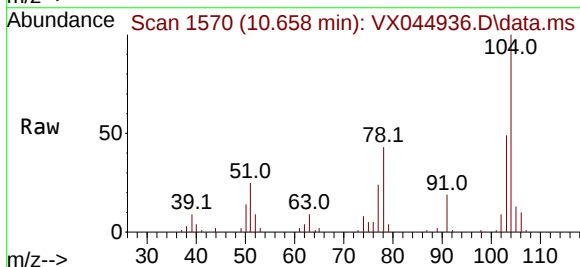
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 4.973 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion:104 Resp: 20284
Ion Ratio Lower Upper
104 100
78 52.0 40.5 60.7
103 54.6 43.6 65.4





#71

Bromoform

Concen: 4.572 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044936.D

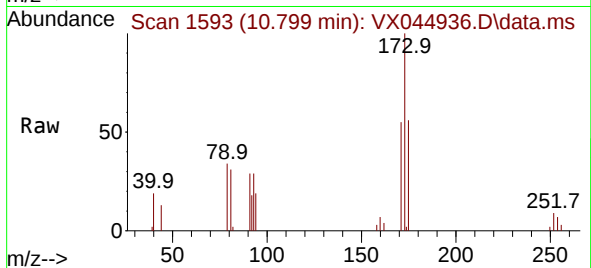
Acq: 12 Feb 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion:173 Resp: 425

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

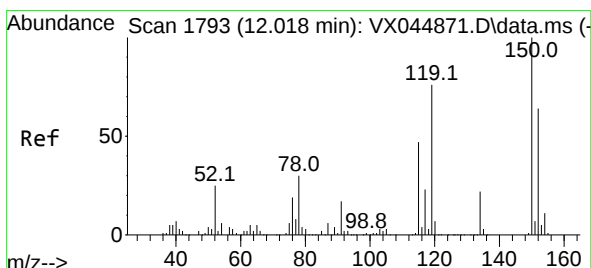
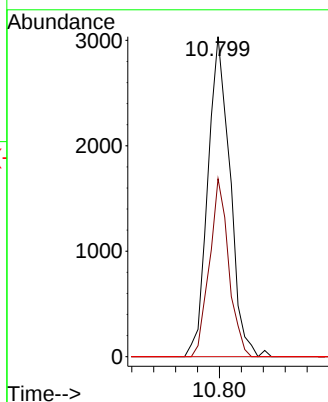
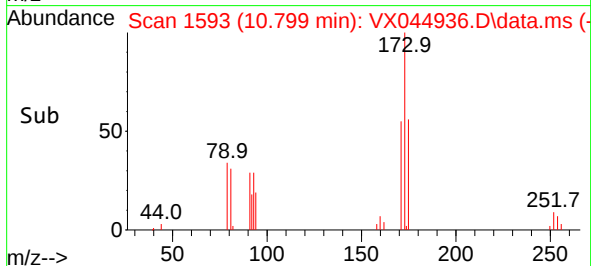
254 0.0 0.0 0.0

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: VX044936.D

Acq: 12 Feb 2025 16:21

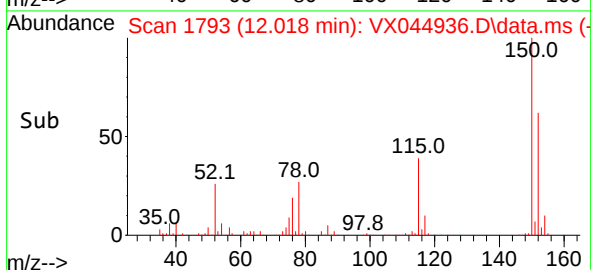
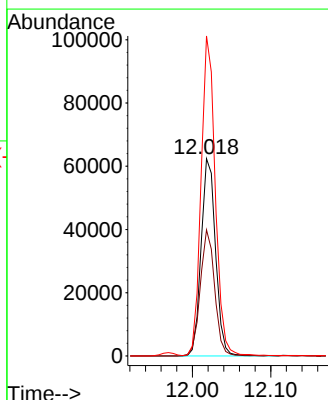
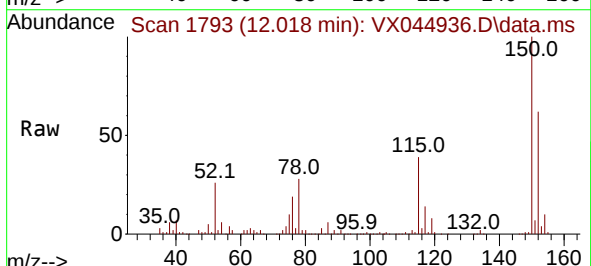
Tgt Ion:152 Resp: 79930

Ion Ratio Lower Upper

152 100

115 63.6 43.4 130.1

150 159.2 0.0 350.4





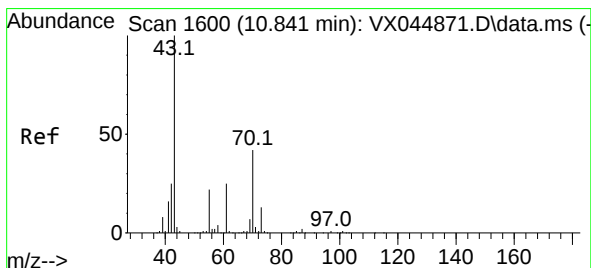
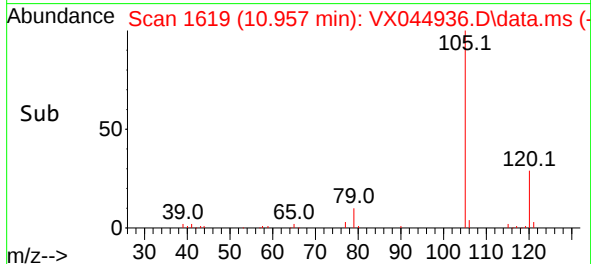
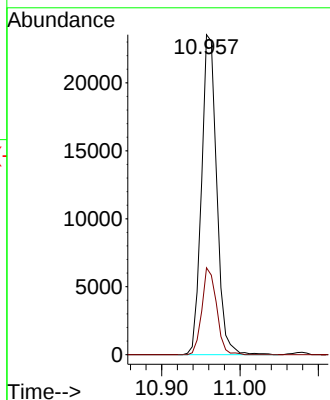
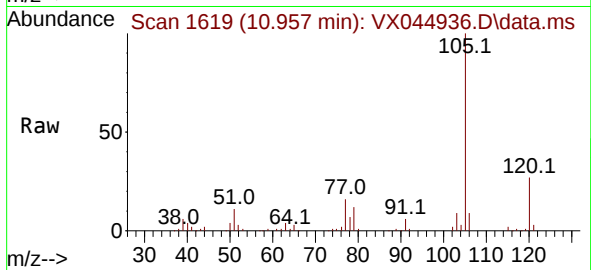
#73
Isopropylbenzene
Concen: 4.930 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion:105 Resp: 31728
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

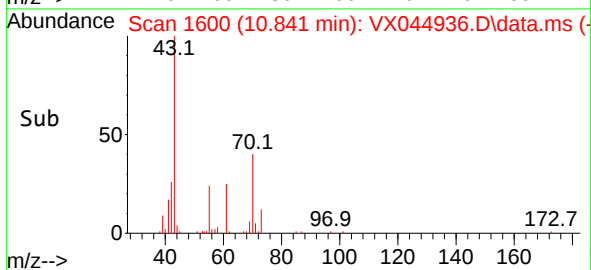
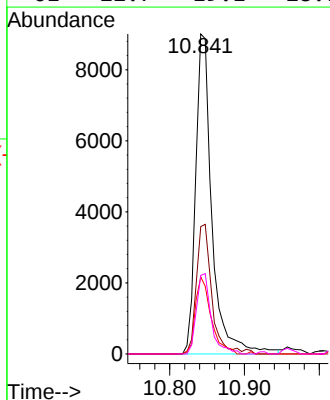
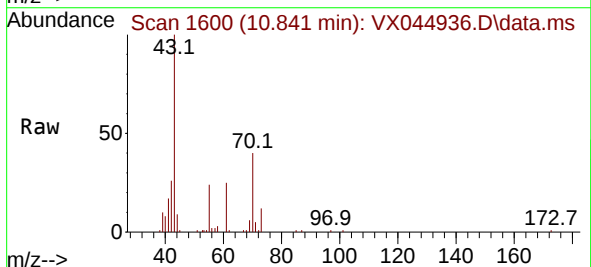
Manual Integrations
APPROVED

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



#74
N-ethyl acetate
Concen: 4.673 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

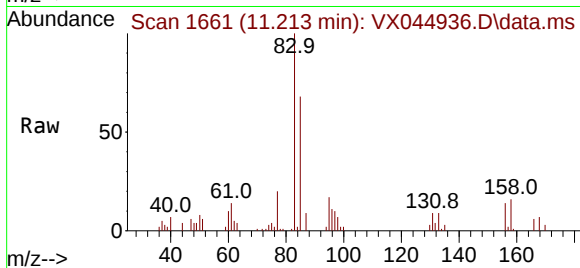
Tgt Ion: 43 Resp: 13608
Ion Ratio Lower Upper
43 100
70 38.5 33.7 50.5
55 23.3 18.6 27.8
61 22.7 19.1 28.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.175 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX044936.D
 Acq: 12 Feb 2025 16:21

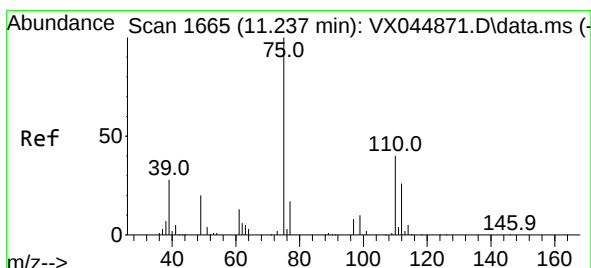
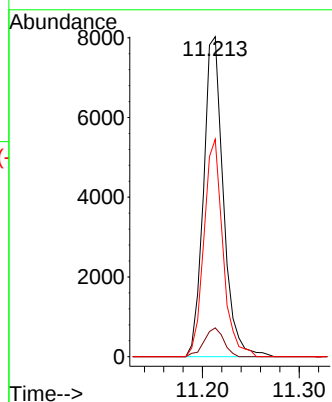
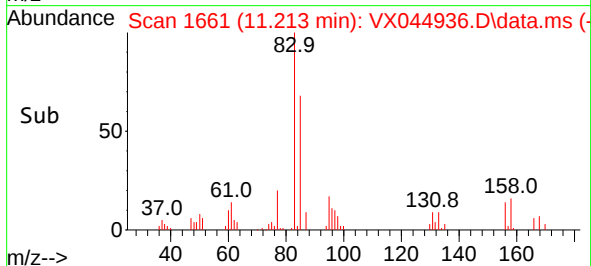
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion: 83 Resp: 1144
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.5 13.5
 85 65.1 32.3 96.8

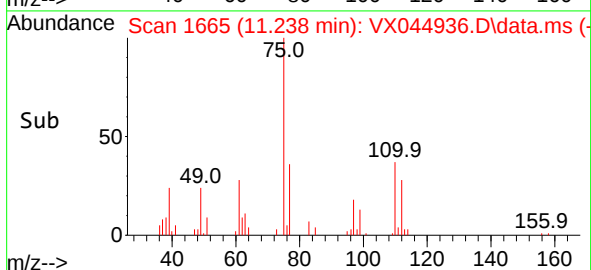
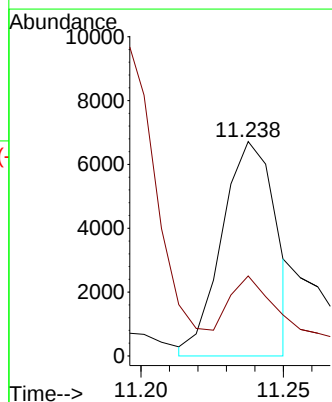
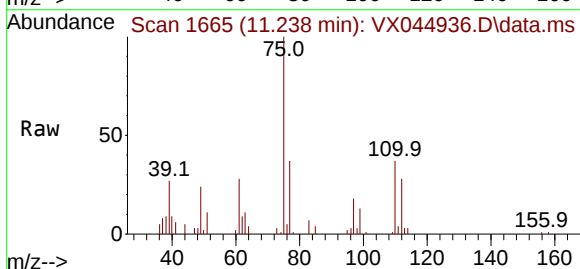
Manual Integrations
 APPROVED

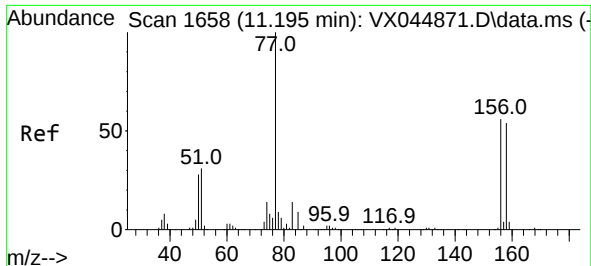
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#76
 1,2,3-Trichloropropane
 Concen: 4.998 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044936.D
 Acq: 12 Feb 2025 16:21

Tgt Ion: 75 Resp: 8857
 Ion Ratio Lower Upper
 75 100
 77 42.6 21.9 65.7





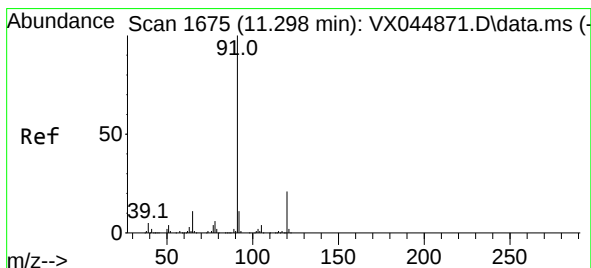
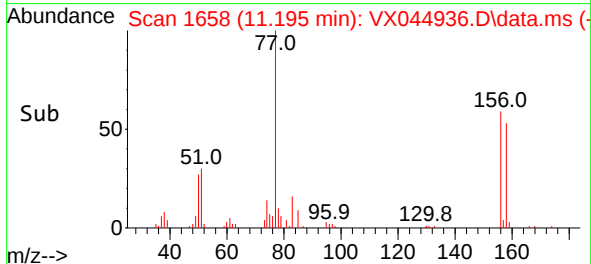
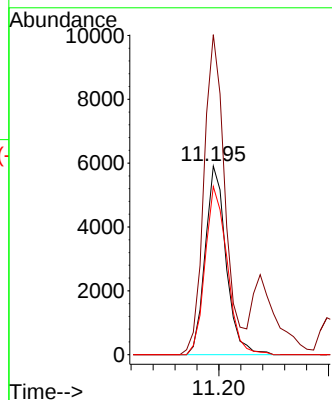
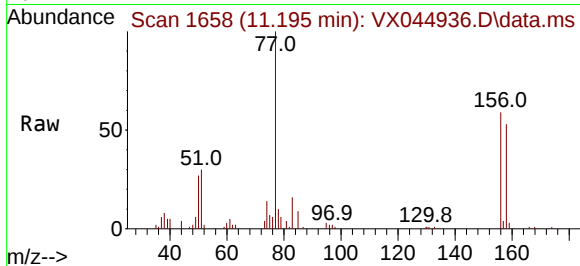
#77
Bromobenzene
Concen: 5.355 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion:156 Resp: 781
Ion Ratio Lower Upper
156 100
77 171.7 88.4 265.3
158 94.0 48.4 145.2

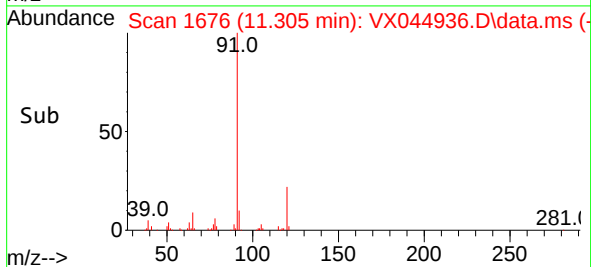
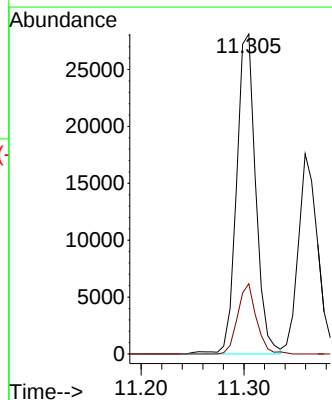
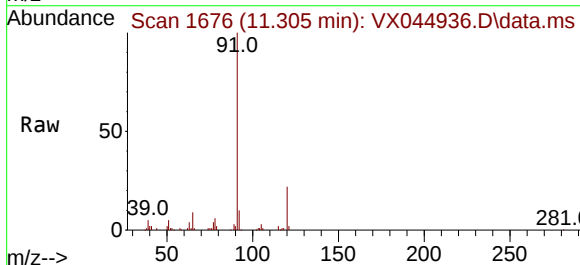
Manual Integrations
APPROVED

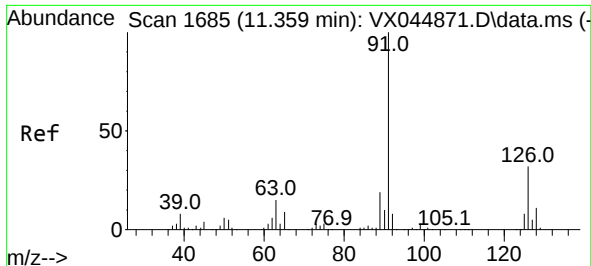
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#78
n-propylbenzene
Concen: 4.909 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

Tgt Ion: 91 Resp: 36467
Ion Ratio Lower Upper
91 100
120 21.4 11.1 33.3





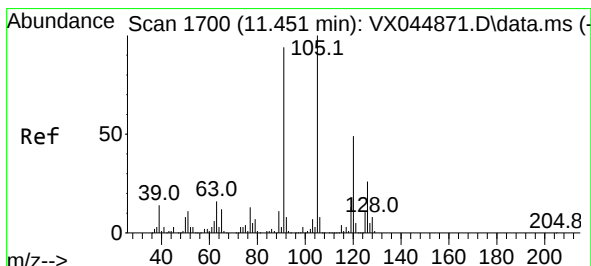
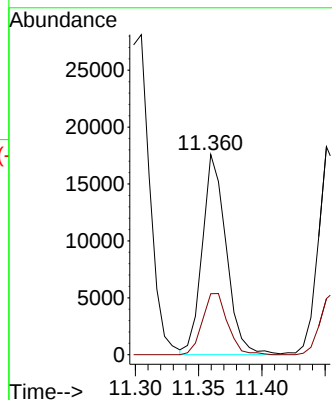
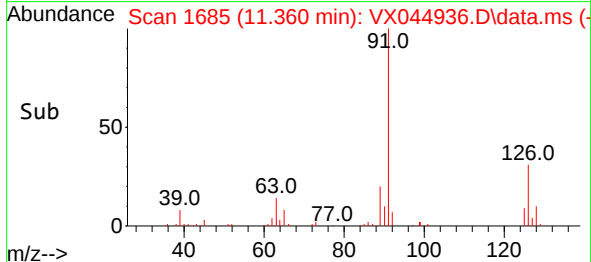
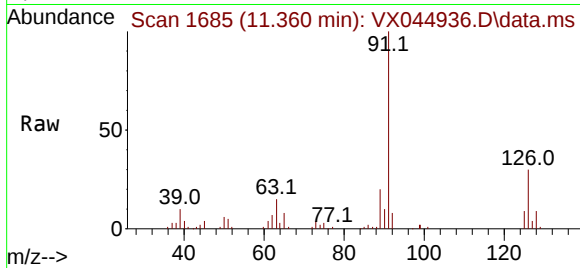
#79
2-Chlorotoluene
Concen: 5.090 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

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

Tgt Ion: 91 Resp: 2323
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6

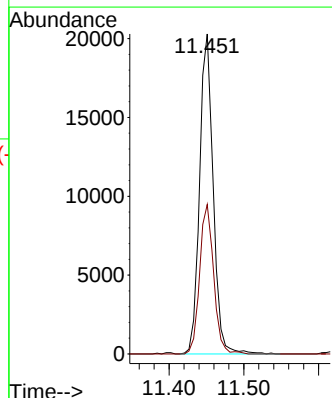
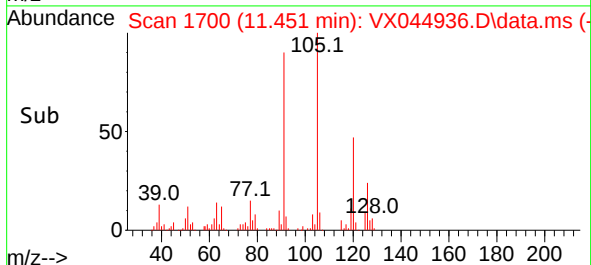
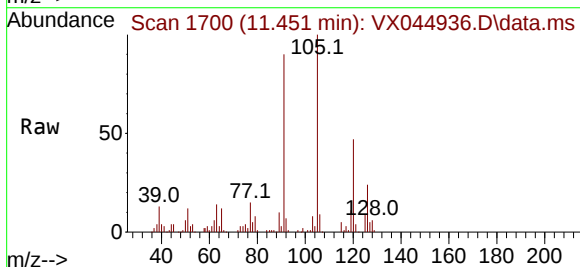
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 4.906 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

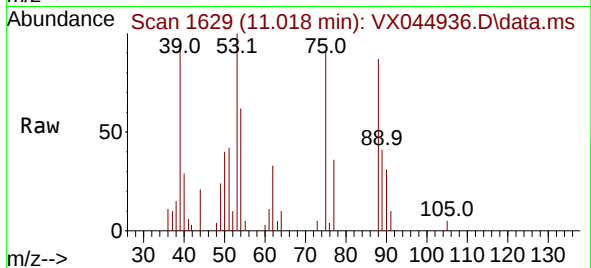
Tgt Ion:105 Resp: 25621
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.511 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

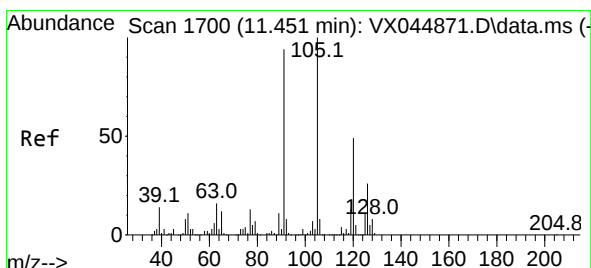
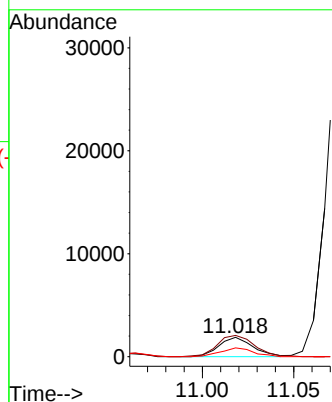
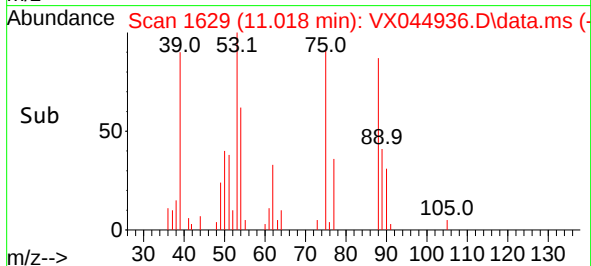
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2025



Tgt Ion: 75 Resp: 2419
Ion Ratio Lower Upper
75 100
53 121.2 78.0 117.0
89 43.8 36.6 54.8

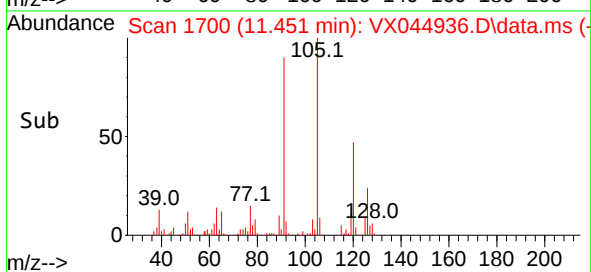
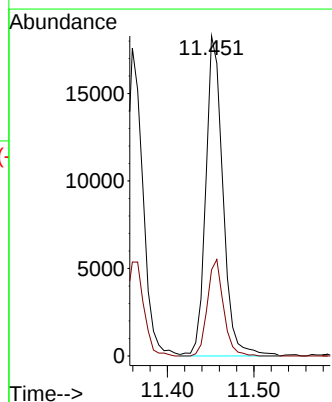
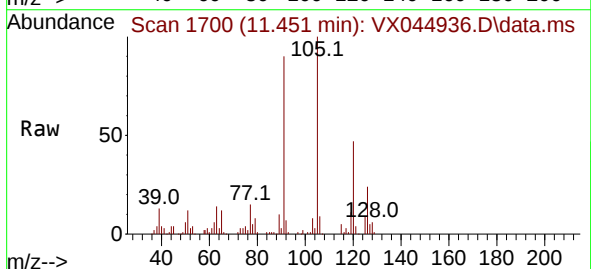
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 4.988 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

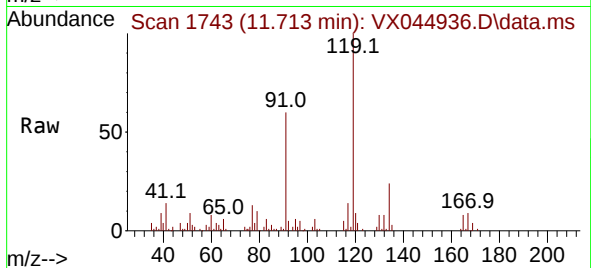
Tgt Ion: 91 Resp: 25192
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 5.002 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

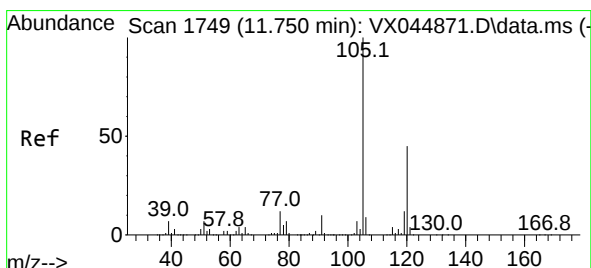
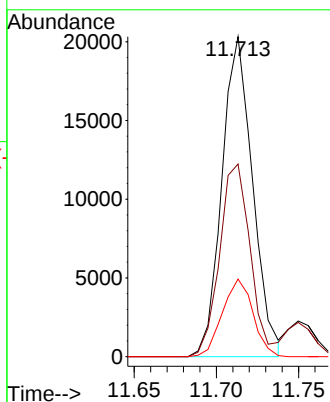
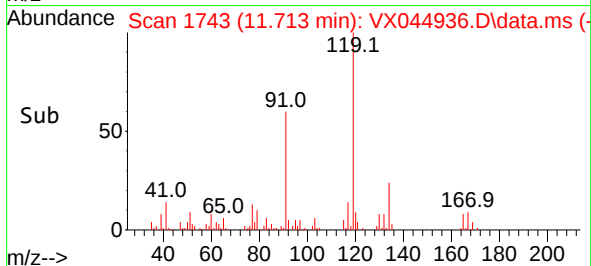
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



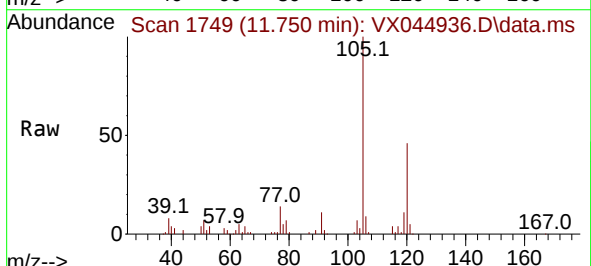
Tgt Ion:119 Resp: 26420
Ion Ratio Lower Upper
119 100
91 60.7 29.1 87.4
134 24.1 11.5 34.5

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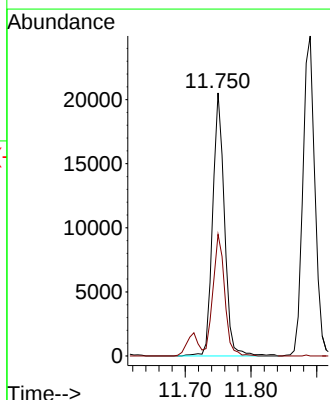
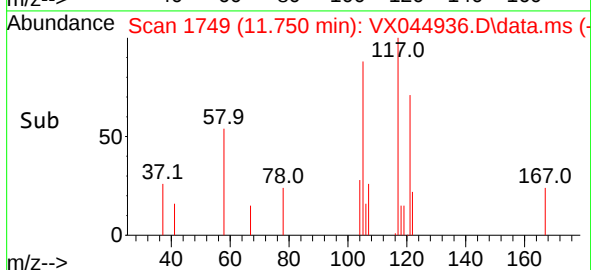
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

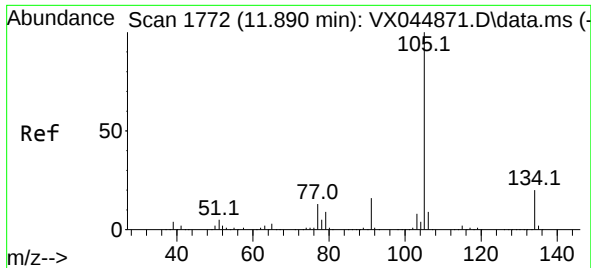


#84
1,2,4-Trimethylbenzene
Concen: 4.974 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21



Tgt Ion:105 Resp: 25639
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.0





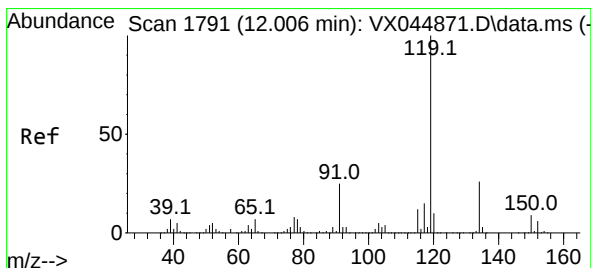
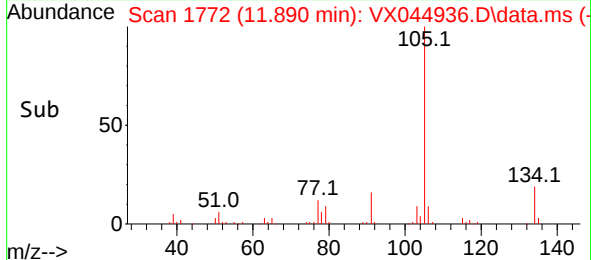
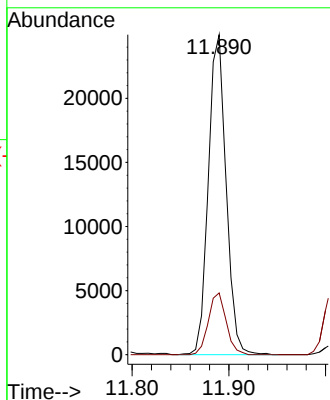
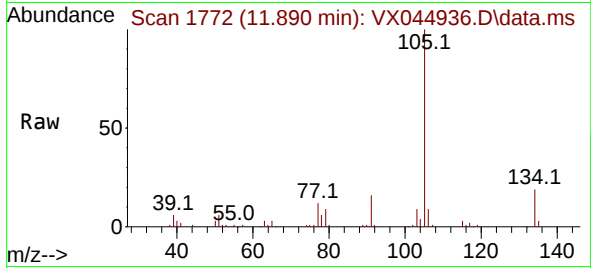
#85
 sec-Butylbenzene
 Concen: 4.858 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044936.D
 Acq: 12 Feb 2025 16:21

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

Tgt Ion:105 Resp: 3178
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

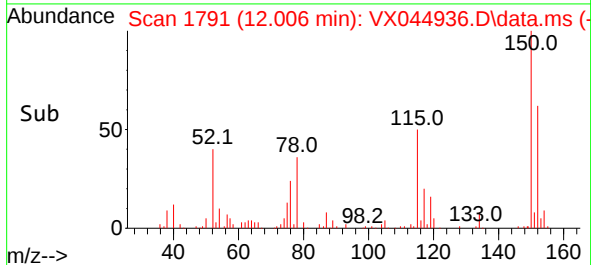
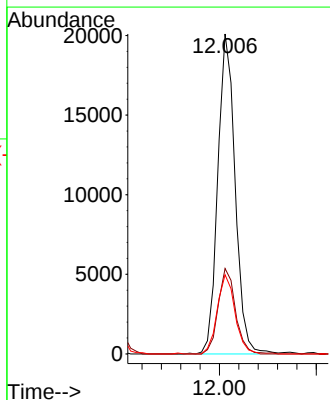
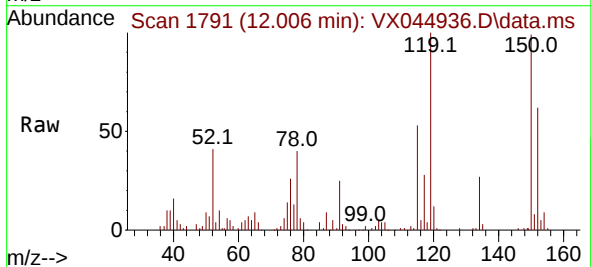
Manual Integrations
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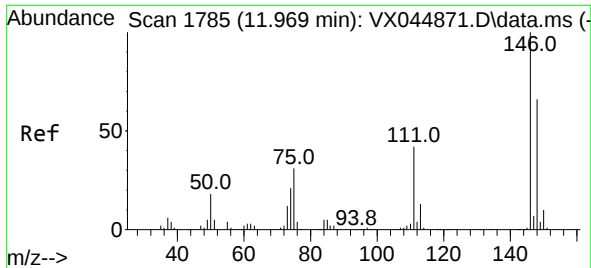
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#86
 p-Isopropyltoluene
 Concen: 4.754 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044936.D
 Acq: 12 Feb 2025 16:21

Tgt Ion:119 Resp: 25014
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 38.9
 91 25.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.983 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044936.D

Acq: 12 Feb 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

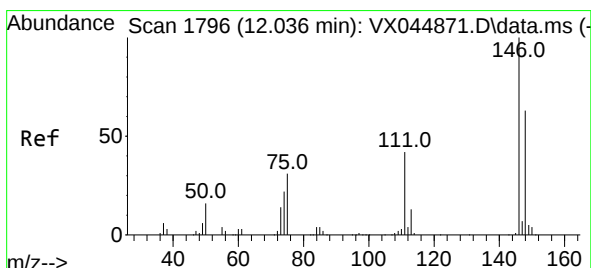
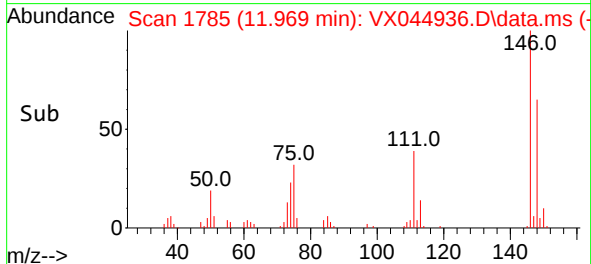
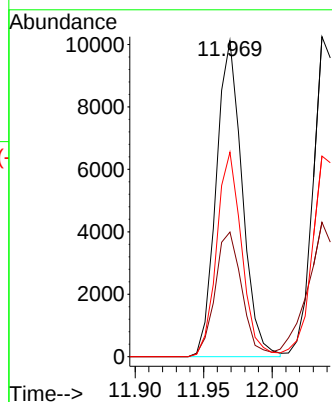
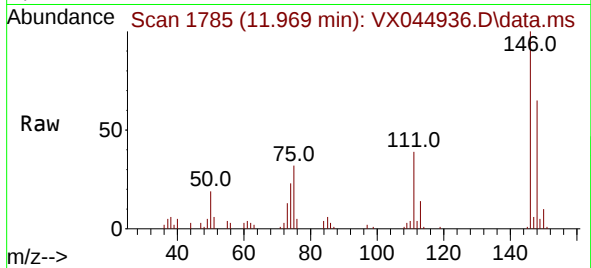
Tgt Ion:146	Resp:	1337
Ion Ratio	Lower	Upper
146	100	
111	40.8	21.2 63.6
148	62.4	32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#88

1,4-Dichlorobenzene

Concen: 4.971 ug/l

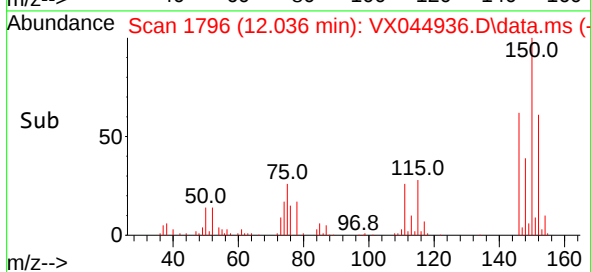
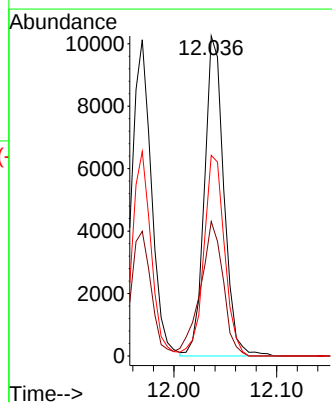
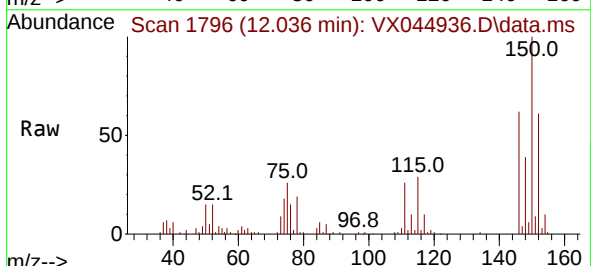
RT: 12.036 min Scan# 1796

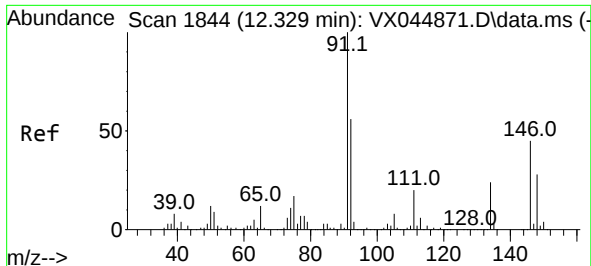
Delta R.T. 0.000 min

Lab File: VX044936.D

Acq: 12 Feb 2025 16:21

Tgt Ion:146	Resp:	13485
Ion Ratio	Lower	Upper
146	100	
111	49.4	20.4 61.3
148	66.7	32.0 96.0





#89

n-Butylbenzene

Concen: 4.413 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044936.D

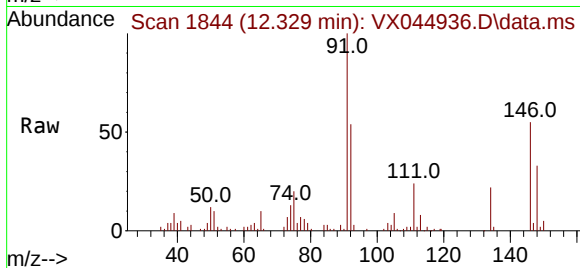
Acq: 12 Feb 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2025



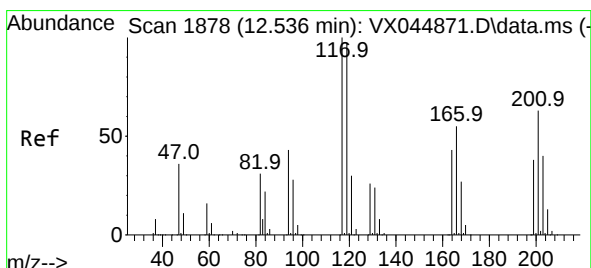
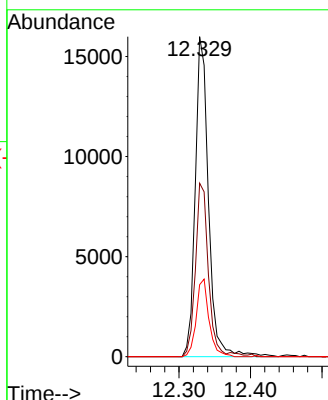
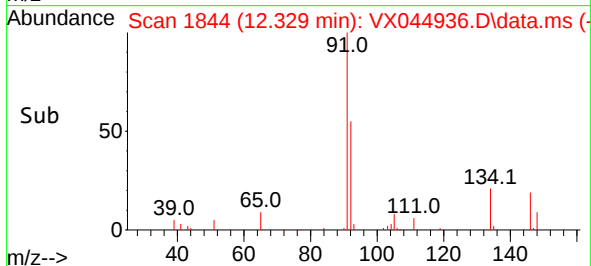
Tgt Ion: 91	Resp: 20540
Ion Ratio	Lower Upper
91	100
92	53.8 27.2 81.6
134	23.4 12.1 36.3

Manual Integrations

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Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#90

Hexachloroethane

Concen: 4.089 ug/l

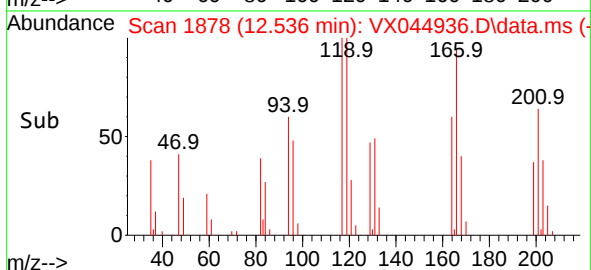
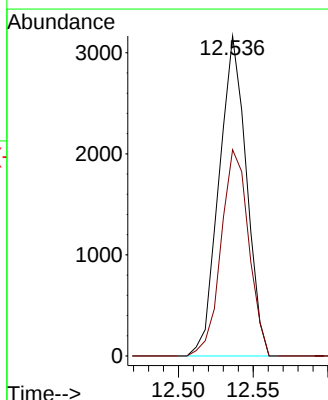
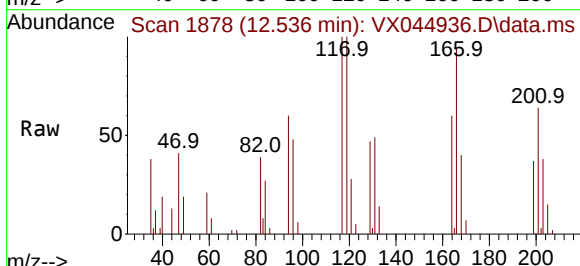
RT: 12.536 min Scan# 1878

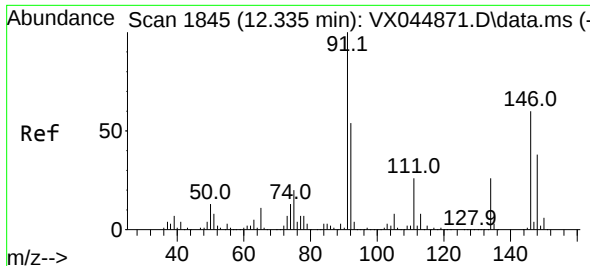
Delta R.T. 0.000 min

Lab File: VX044936.D

Acq: 12 Feb 2025 16:21

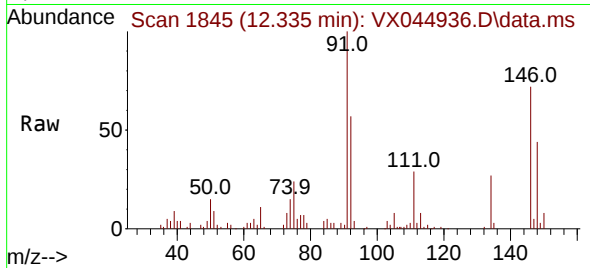
Tgt Ion: 117	Resp: 4028
Ion Ratio	Lower Upper
117	100
201	65.1 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 5.177 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

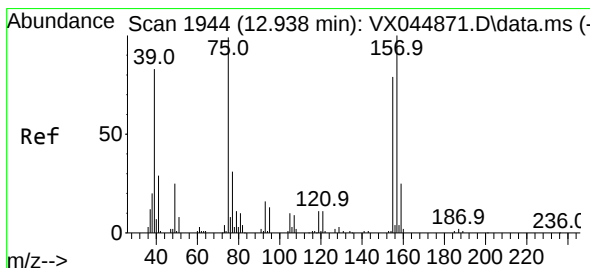
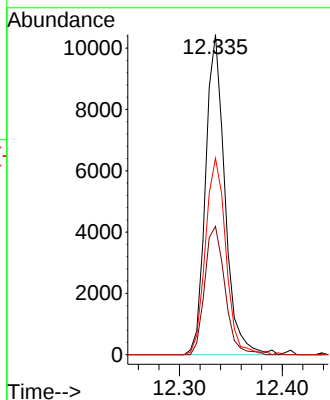
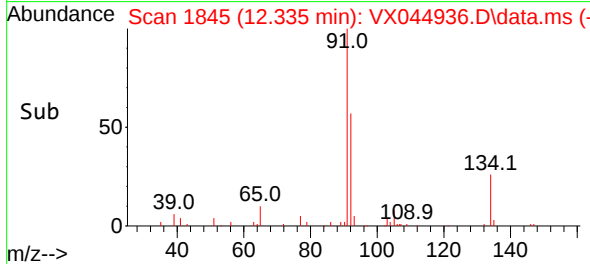
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



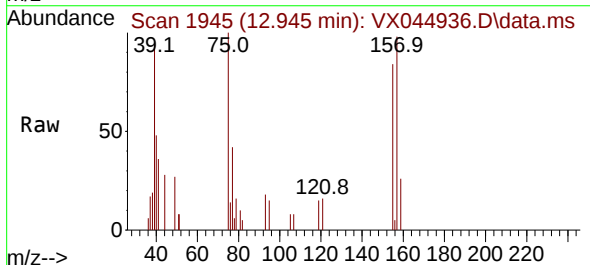
Tgt Ion:146 Resp: 13652
Ion Ratio Lower Upper
146 100
111 41.8 21.8 65.4
148 65.1 31.9 95.9

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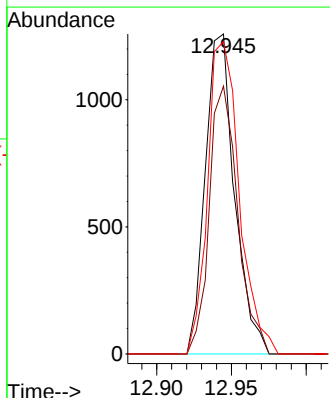
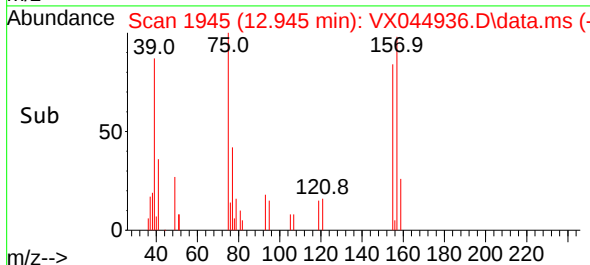
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

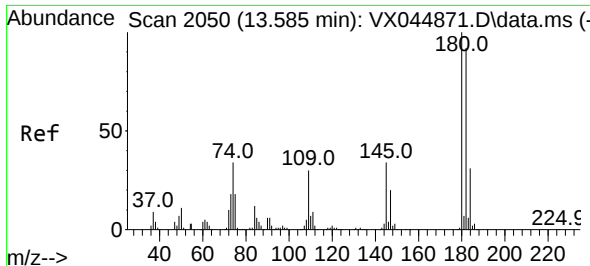


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.254 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21



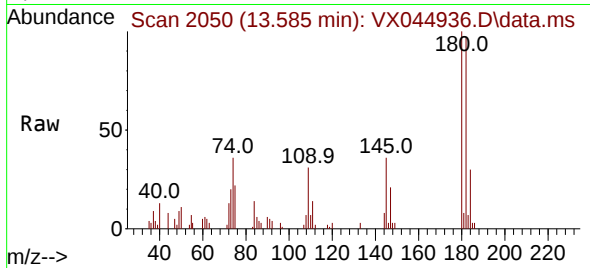
Tgt Ion: 75 Resp: 1717
Ion Ratio Lower Upper
75 100
155 81.3 40.5 121.4
157 105.8 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 4.384 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

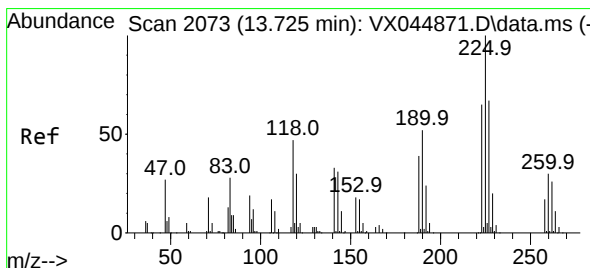
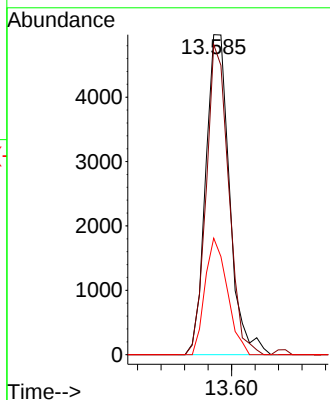
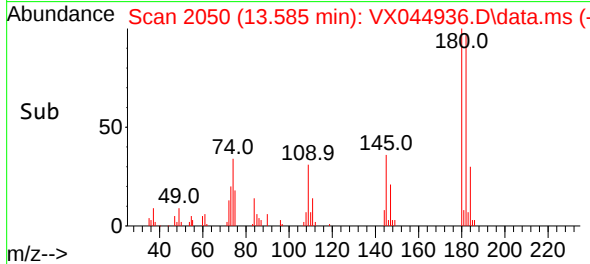
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



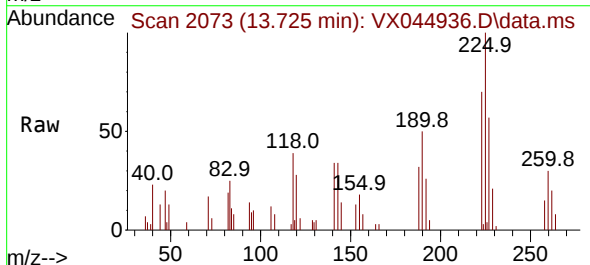
Tgt Ion:180 Resp: 6990
Ion Ratio Lower Upper
180 100
182 91.4 47.6 142.8
145 34.0 16.4 49.1

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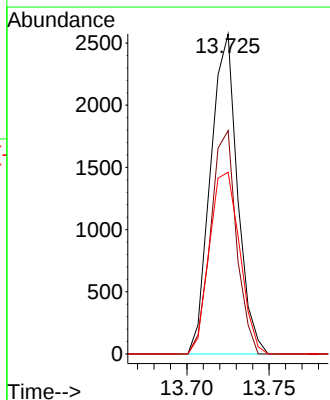
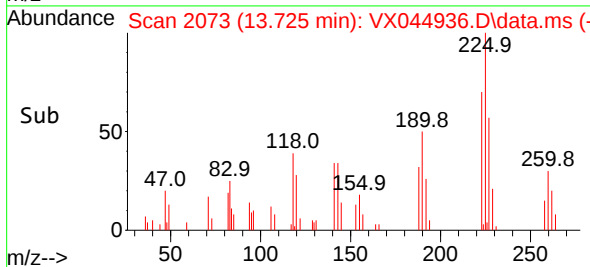
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

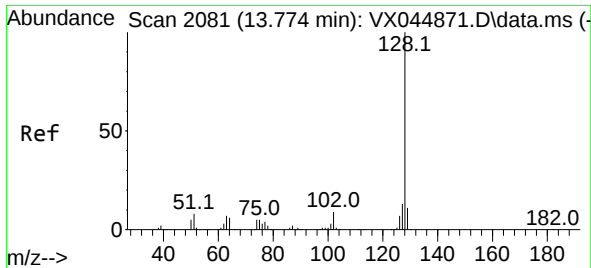


#94
Hexachlorobutadiene
Concen: 4.625 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21



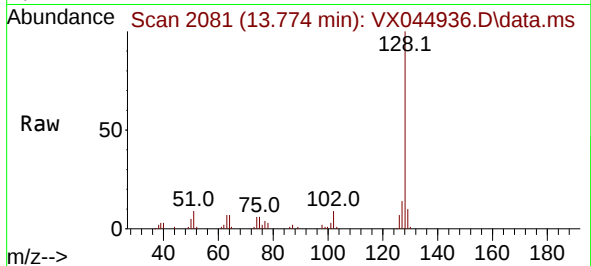
Tgt Ion:225 Resp: 2930
Ion Ratio Lower Upper
225 100
223 66.6 31.4 94.2
227 64.0 32.3 96.8





#95
Naphthalene
Concen: 4.569 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21

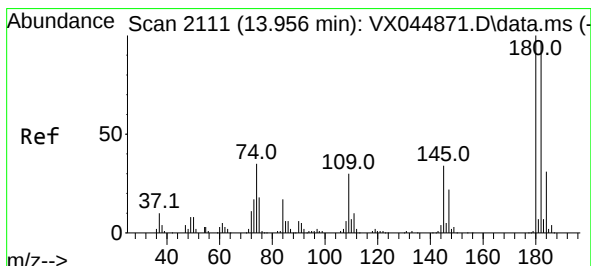
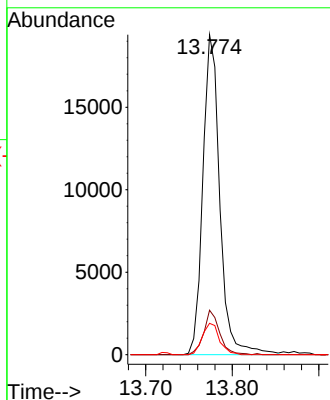
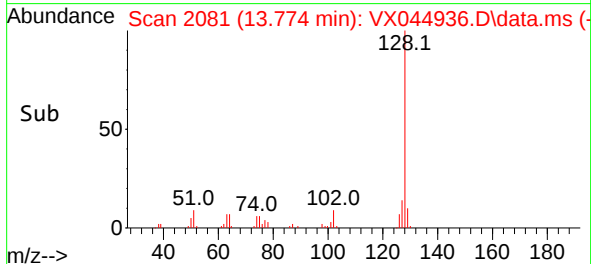
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2025



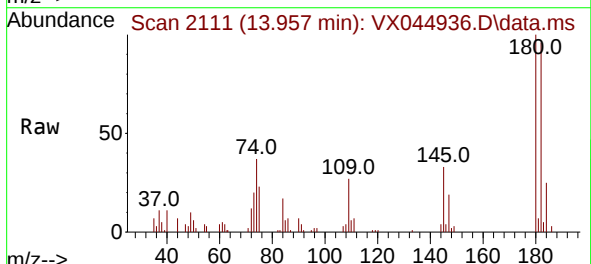
Tgt Ion:128 Resp: 2635
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 9.9 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.718 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044936.D
Acq: 12 Feb 2025 16:21



Tgt Ion:180 Resp: 7586
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 32.4 17.1 51.3

