

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046904.D
 Acq On : 07 Jul 2025 13:48
 Operator : JC/MD
 Sample : Q2126-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Jul 08 04:54:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 04:37:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/08/2025
 Supervised By : Mahesh Dadoda 07/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	360998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	598077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	542991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	283096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	251526	52.740	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.480%			
35) Dibromofluoromethane	5.397	113	206054	50.755	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	8.647	98	738018	51.524	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.040%			
62) 4-Bromofluorobenzene	11.079	95	286489	52.626	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	15837	4.587	ug/l	99
3) Chloromethane	1.307	50	19932	5.284	ug/l	100
4) Vinyl Chloride	1.386	62	20240	4.927	ug/l	99
5) Bromomethane	1.624	94	14976	5.674	ug/l	99
6) Chloroethane	1.703	64	15123	5.576	ug/l	94
7) Trichlorofluoromethane	1.904	101	32575	5.129	ug/l	97
8) Diethyl Ether	2.148	74	12247	5.418	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	20718	5.119	ug/l	97
10) Methyl Iodide	2.465	142	19702	4.468	ug/l	94
11) Tert butyl alcohol	2.959	59	8351	26.699	ug/l	95
12) 1,1-Dichloroethene	2.337	96	19893	5.082	ug/l	97
13) Acrolein	2.252	56	13705	36.693	ug/l	93
14) Allyl chloride	2.678	41	35793	5.136	ug/l	99
15) Acrylonitrile	3.075	53	47927	26.502	ug/l	97
16) Acetone	2.386	43	41544	28.044	ug/l	92
17) Carbon Disulfide	2.526	76	52263	5.091	ug/l	96
18) Methyl Acetate	2.721	43	18051	4.623	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	59142	5.350	ug/l	97
20) Methylene Chloride	2.800	84	25112	5.733	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	22309	5.569	ug/l	93
22) Diisopropyl ether	3.770	45	69936	5.194	ug/l #	72
23) Vinyl Acetate	3.733	43	263319	26.104	ug/l	100
24) 1,1-Dichloroethane	3.623	63	41283	5.376	ug/l	96
25) 2-Butanone	4.574	43	54831	27.742	ug/l	96
26) 2,2-Dichloropropane	4.489	77	29031	5.080	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	26914	5.503	ug/l	97
28) Bromochloromethane	4.916	49	21119	5.573	ug/l	95
29) Tetrahydrofuran	5.019	42	37132	29.472	ug/l	95
30) Chloroform	5.105	83	43359	5.527	ug/l	97
31) Cyclohexane	5.489	56	38601	5.662	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	34233	5.223	ug/l	96
36) 1,1-Dichloropropene	5.708	75	29215	5.334	ug/l	97
37) Ethyl Acetate	4.733	43	22553m	4.834	ug/l	
38) Carbon Tetrachloride	5.684	117	31381	5.419	ug/l	92
39) Methylcyclohexane	7.385	83	36684	5.354	ug/l	96
40) Benzene	6.050	78	91083	5.498	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	11901	4.782	ug/l	91
42) 1,2-Dichloroethane	6.098	62	31360	5.574	ug/l	99
43) Isopropyl Acetate	6.355	43	37667	5.271	ug/l	96
44) Trichloroethene	7.135	130	23320	5.407	ug/l	98
45) 1,2-Dichloropropane	7.440	63	22763	5.438	ug/l	89
46) Dibromomethane	7.592	93	15481	5.338	ug/l	96
47) Bromodichloromethane	7.824	83	31729	5.124	ug/l	98
48) Methyl methacrylate	7.702	41	19605	5.313	ug/l	97
49) 1,4-Dioxane	7.671	88	4512	105.538	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	111955	26.547	ug/l	99
52) Toluene	8.720	92	57345	5.586	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	26907	4.869	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	31594	5.008	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	20925	5.472	ug/l	95
56) Ethyl methacrylate	9.122	69	27451	5.187	ug/l	96
57) 1,3-Dichloropropane	9.311	76	35998	5.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	78167	26.212	ug/l	100
59) 2-Hexanone	9.433	43	78100	27.920	ug/l	99
60) Dibromochloromethane	9.519	129	23597	5.156	ug/l	98
61) 1,2-Dibromoethane	9.610	107	20971	5.461	ug/l	97
64) Tetrachloroethene	9.275	164	19632	5.430	ug/l	96
65) Chlorobenzene	10.079	112	64662	5.508	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	20866	5.287	ug/l	97
67) Ethyl Benzene	10.195	91	108205	5.382	ug/l	98
68) m/p-Xylenes	10.299	106	82197	10.850	ug/l	100
69) o-Xylene	10.640	106	37955	5.187	ug/l	96
70) Styrene	10.659	104	67185	5.366	ug/l	99
71) Bromoform	10.799	173	14791	5.041	ug/l #	99
73) Isopropylbenzene	10.957	105	105518	5.302	ug/l	99
74) N-amyl acetate	10.842	43	33766	4.993	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	29382	5.369	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	22376m	5.115	ug/l	
77) Bromobenzene	11.195	156	25683	5.181	ug/l	95
78) n-propylbenzene	11.305	91	128211	5.343	ug/l	100
79) 2-Chlorotoluene	11.360	91	78635	5.550	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	85594	5.293	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6857	4.207	ug/l #	82
82) 4-Chlorotoluene	11.451	91	89274	5.460	ug/l	100
83) tert-Butylbenzene	11.713	119	87330	5.229	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	87536	5.356	ug/l	93
85) sec-Butylbenzene	11.890	105	109560	5.203	ug/l	99
86) p-Isopropyltoluene	12.006	119	91088	5.166	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49823	5.374	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	52717	5.464	ug/l	96
89) n-Butylbenzene	12.329	91	83857	5.061	ug/l	99
90) Hexachloroethane	12.536	117	14385	4.602	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	47617	5.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4364	4.560	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	30198	4.948	ug/l	99
94) Hexachlorobutadiene	13.719	225	11598	5.039	ug/l	94
95) Naphthalene	13.774	128	79599	4.949	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	27693	4.802	ug/l	97

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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025

Manual Integrations
APPROVED

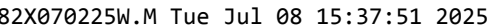
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

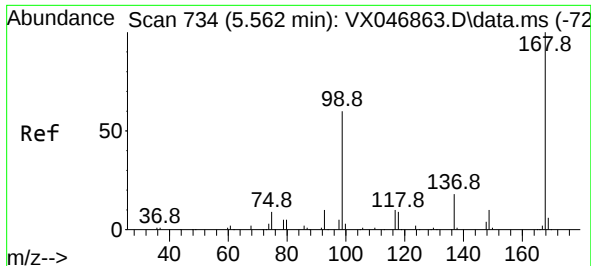
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

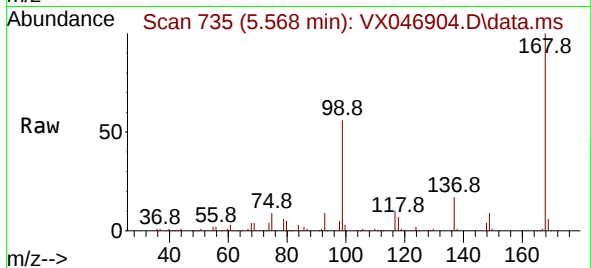
Quant Time: Jul 08 04:54:29 2025
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

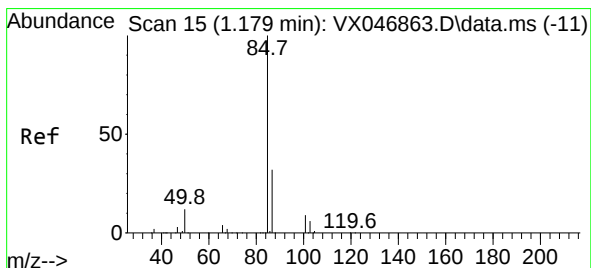
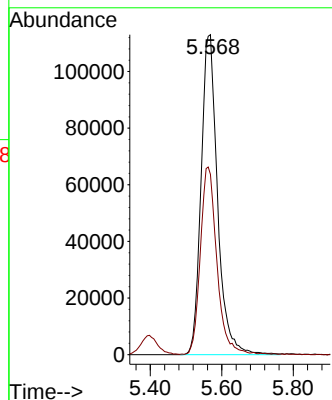
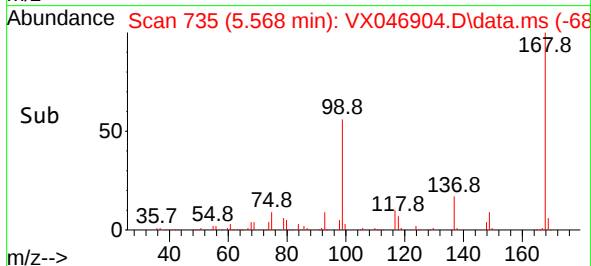
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:168 Resp: 360998
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2

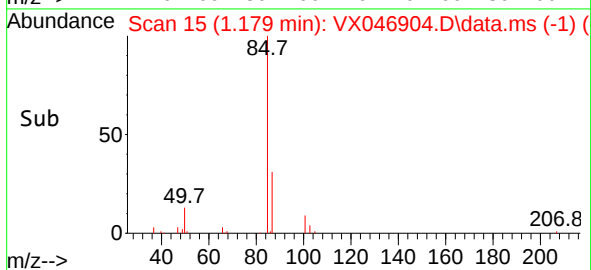
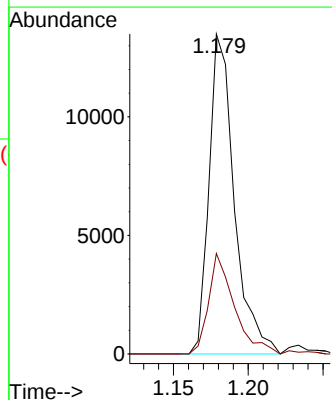
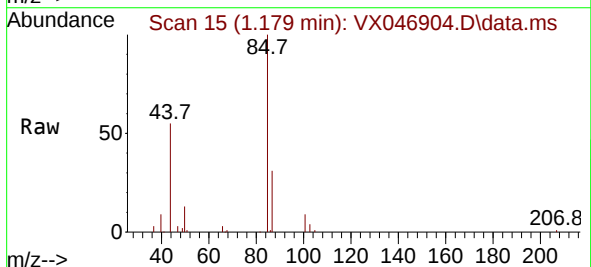
Manual Integrations
APPROVED

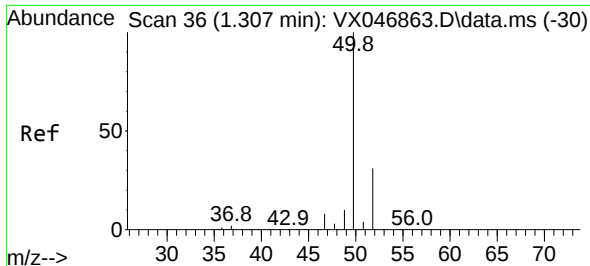
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#2
Dichlorodifluoromethane
Concen: 4.587 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

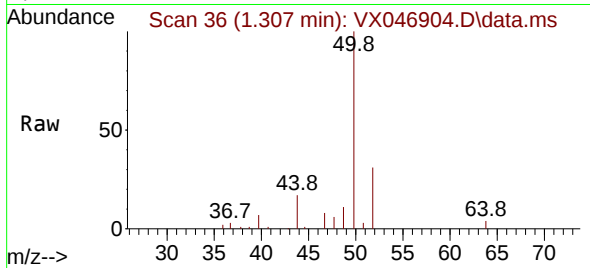
Tgt Ion: 85 Resp: 15837
Ion Ratio Lower Upper
85 100
87 31.4 16.0 47.9





#3
Chloromethane
Concen: 5.284 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

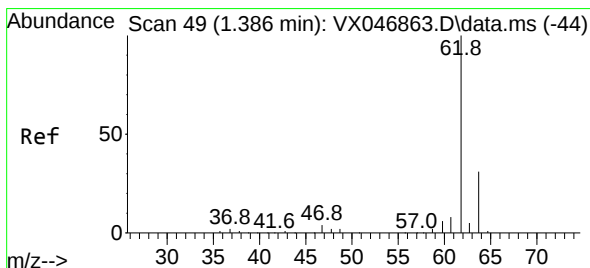
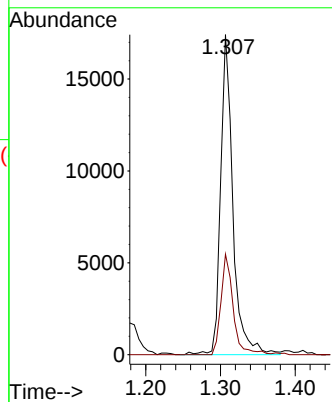
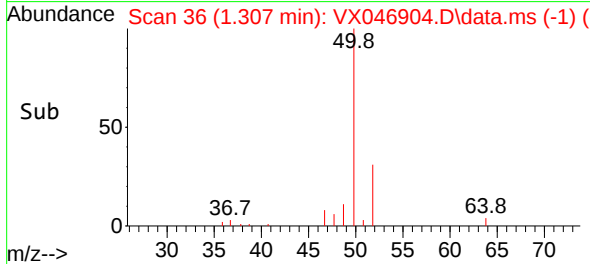
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



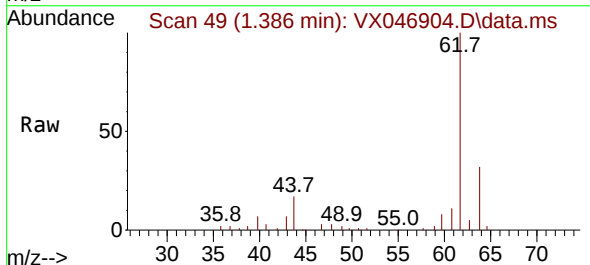
Tgt Ion: 50 Resp: 1993
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4

Manual Integrations
APPROVED

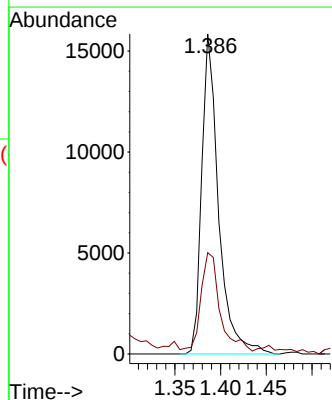
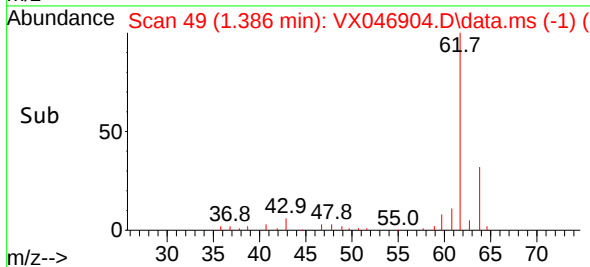
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

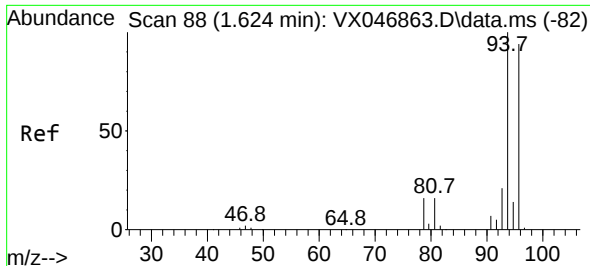


#4
Vinyl Chloride
Concen: 4.927 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48



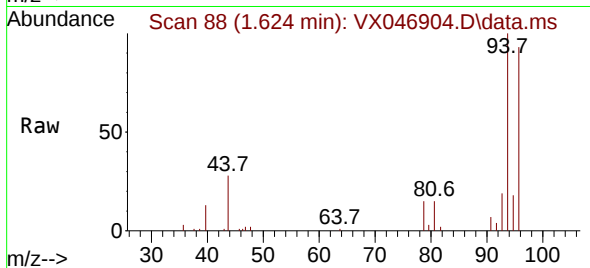
Tgt Ion: 62 Resp: 20240
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4





#5
Bromomethane
Concen: 5.674 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

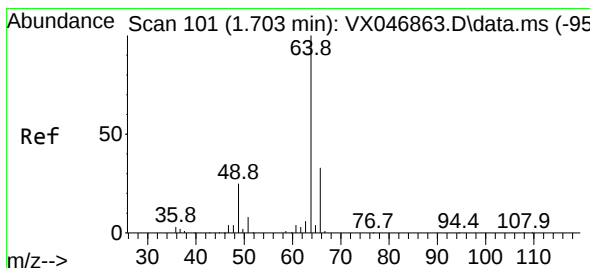
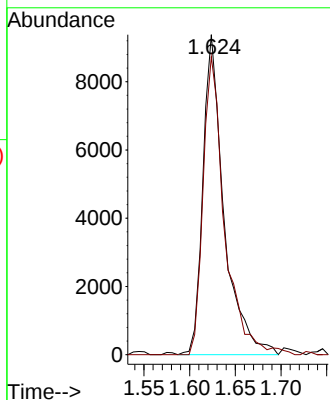
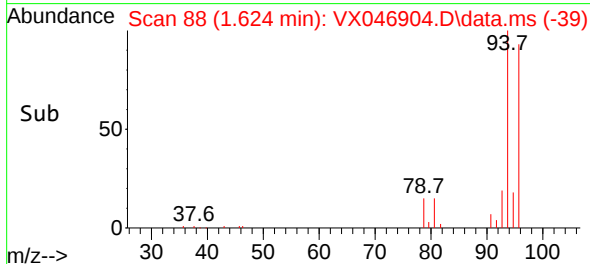
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Tgt Ion: 94 Resp: 14970
Ion Ratio Lower Upper
94 100
96 93.1 75.5 113.3

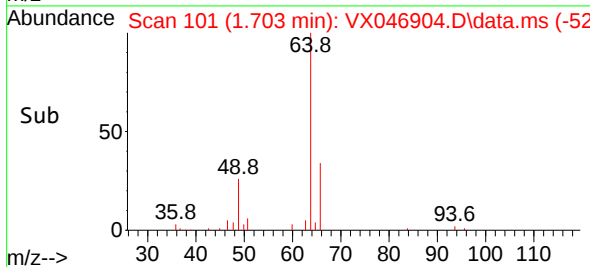
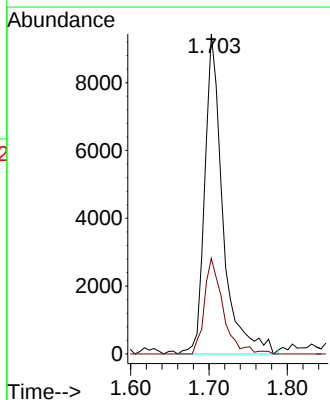
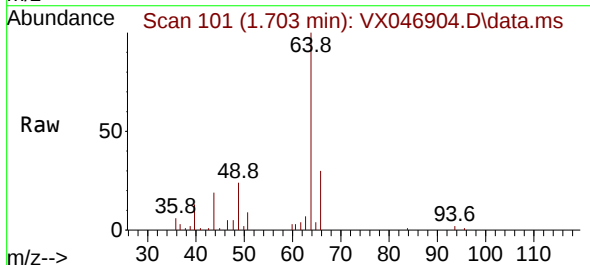
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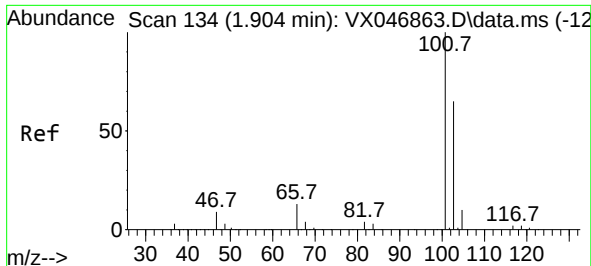
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#6
Chloroethane
Concen: 5.576 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

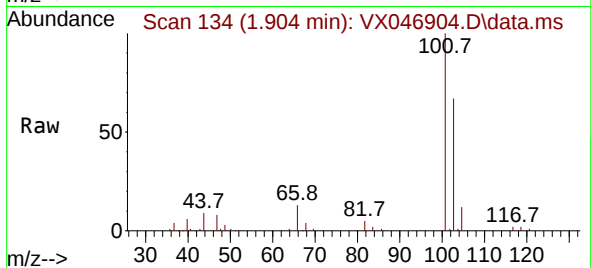
Tgt Ion: 64 Resp: 15123
Ion Ratio Lower Upper
64 100
66 29.9 26.4 39.6





#7
Trichlorofluoromethane
Concen: 5.129 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

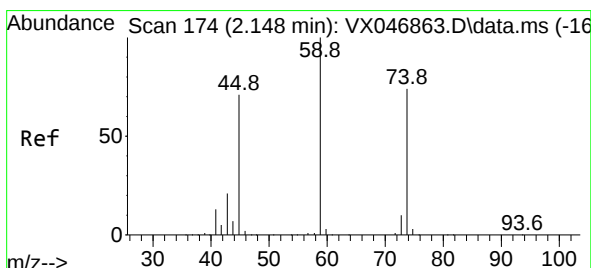
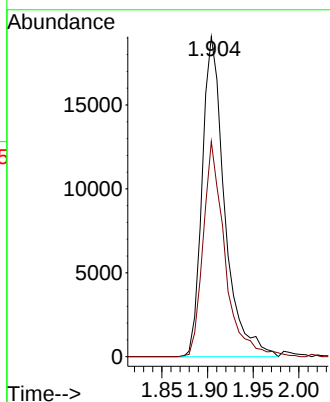
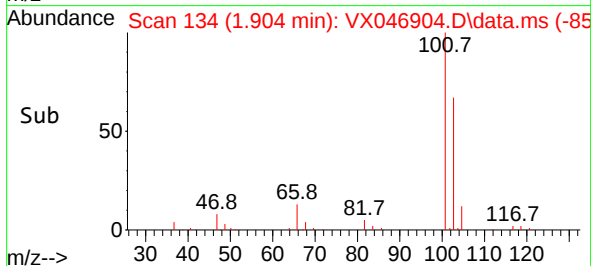
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:101 Resp: 3257
Ion Ratio Lower Upper
101 100
103 67.2 51.9 77.9

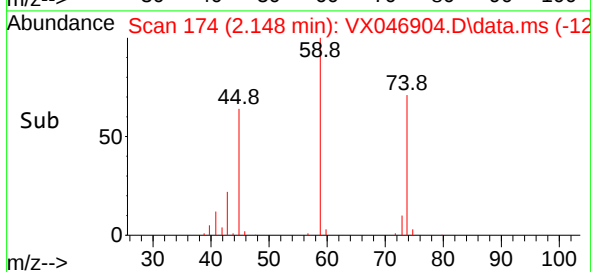
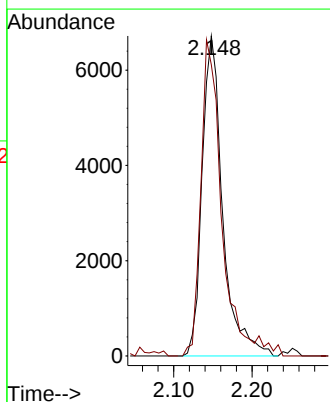
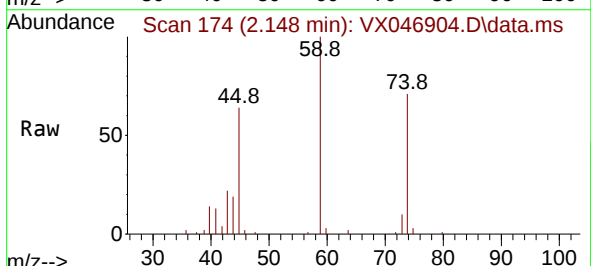
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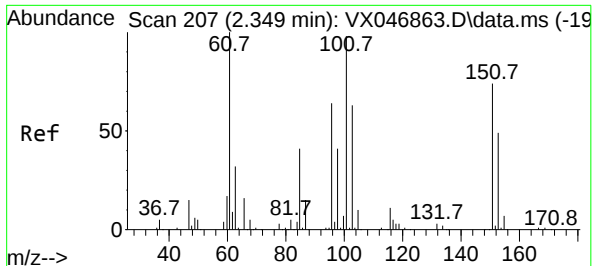
Reviewed By :John Carlone 07/08/2025
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#8
Diethyl Ether
Concen: 5.418 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

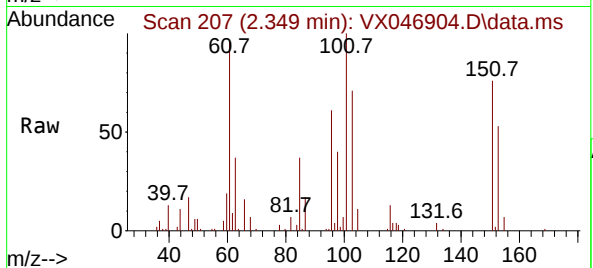
Tgt Ion: 74 Resp: 12247
Ion Ratio Lower Upper
74 100
45 101.2 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.119 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

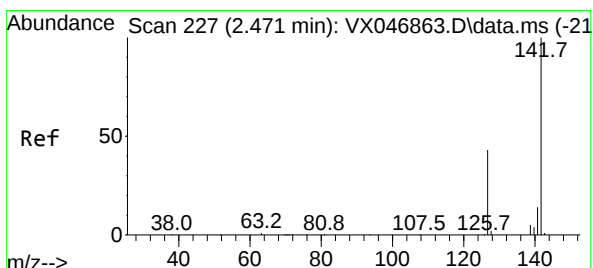
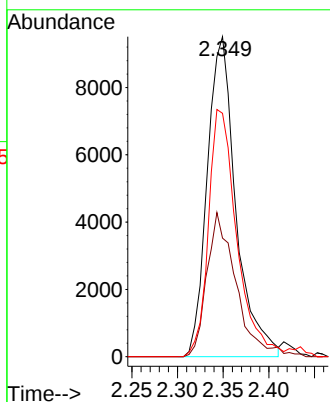
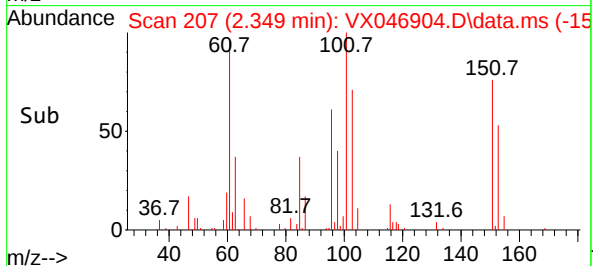
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:101 Resp: 20718
Ion Ratio Lower Upper
101 100
85 46.1 34.3 51.5
151 76.6 59.9 89.9

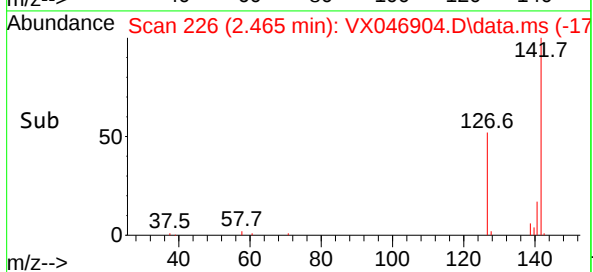
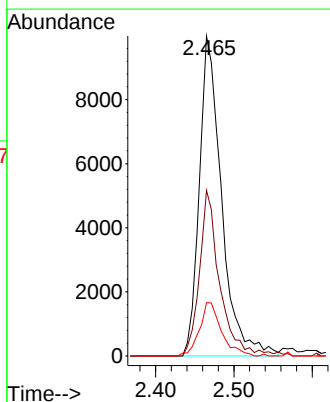
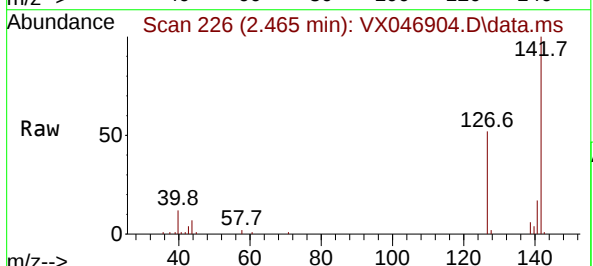
Manual Integrations
APPROVED

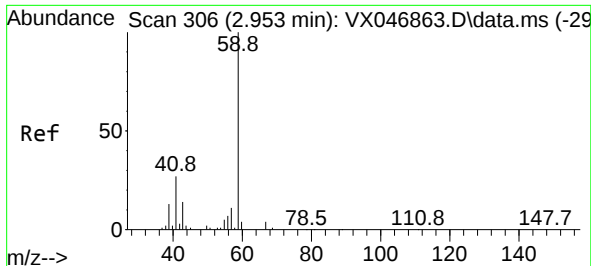
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#10
Methyl Iodide
Concen: 4.468 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

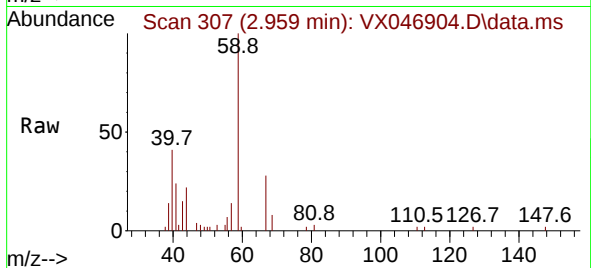
Tgt Ion:142 Resp: 19702
Ion Ratio Lower Upper
142 100
127 47.1 34.9 52.3
141 16.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 26.699 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

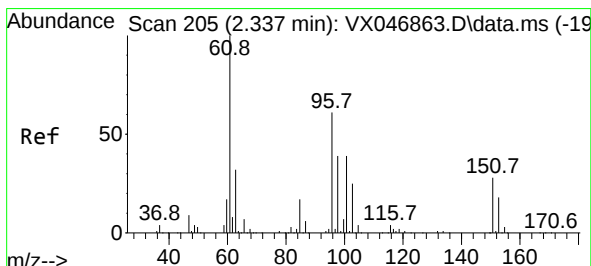
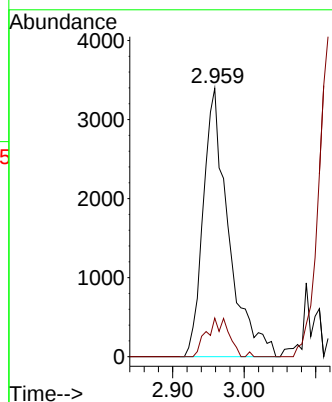
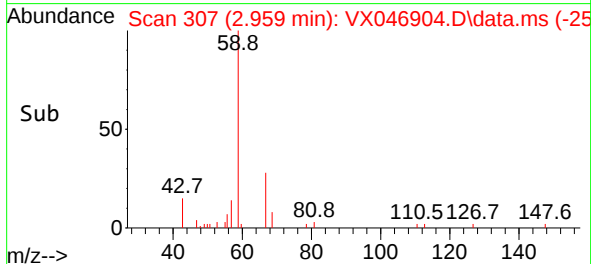
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 59 Resp: 835
Ion Ratio Lower Upper
59 100
57 12.4 8.5 12.7

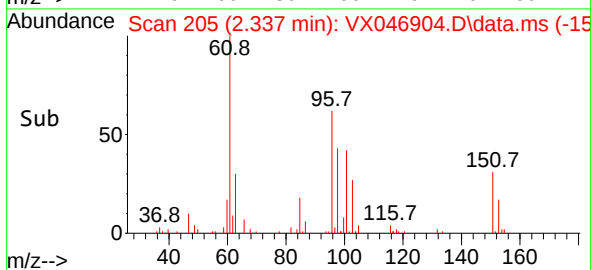
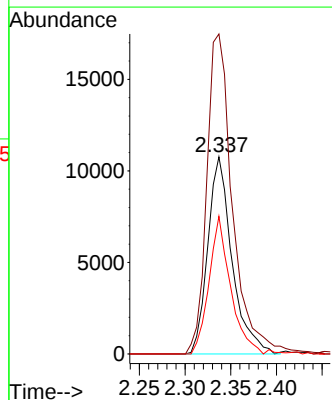
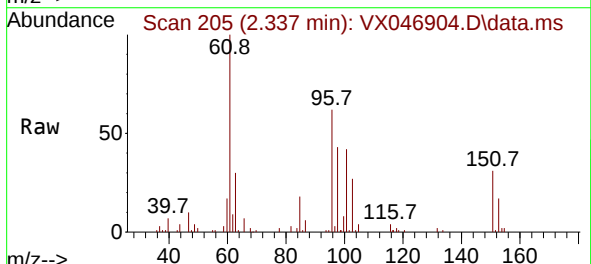
Manual Integrations
APPROVED

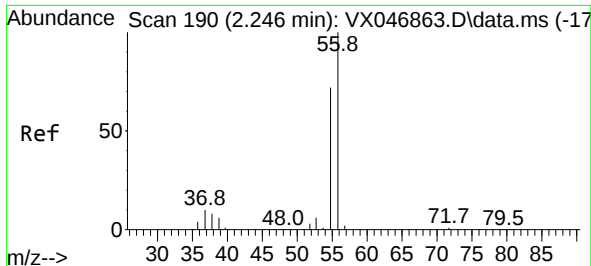
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#12
1,1-Dichloroethene
Concen: 5.082 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

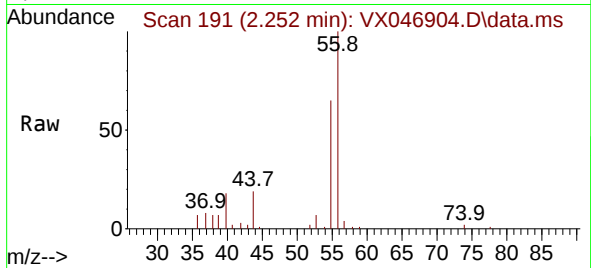
Tgt Ion: 96 Resp: 19893
Ion Ratio Lower Upper
96 100
61 162.3 130.2 195.4
98 71.0 51.3 76.9





#13
Acrolein
Concen: 36.693 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

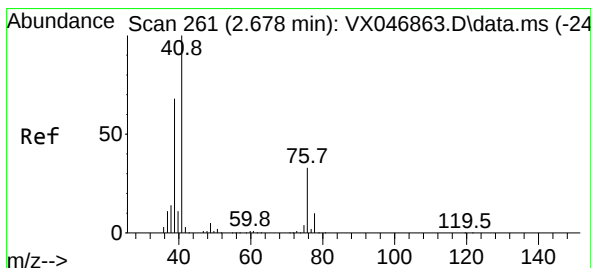
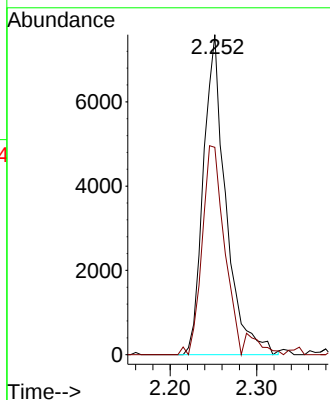
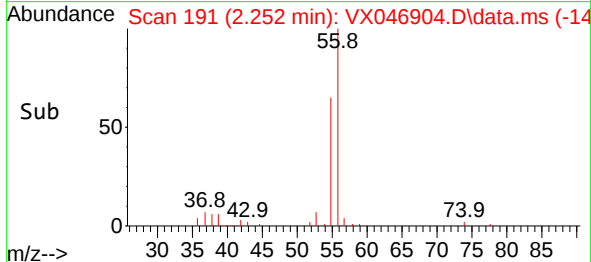
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 56 Resp: 1370
Ion Ratio Lower Upper
56 100
55 64.0 55.5 83.3

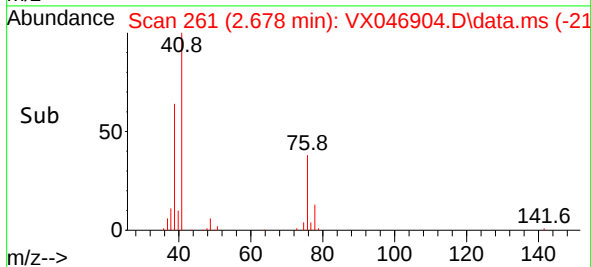
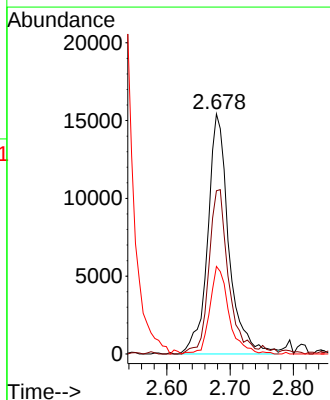
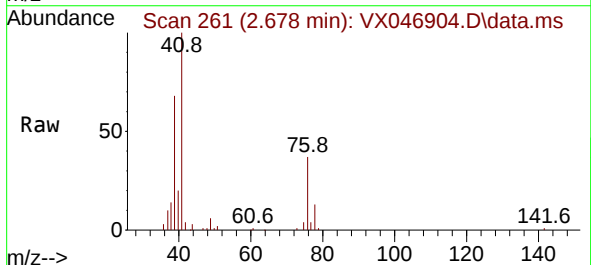
Manual Integrations
APPROVED

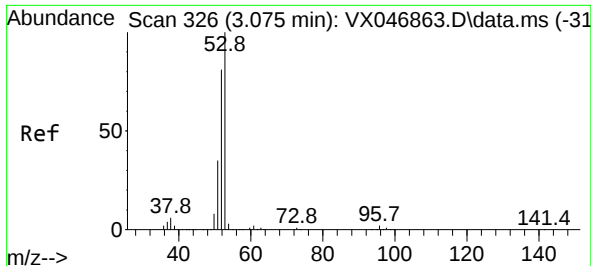
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#14
Allyl chloride
Concen: 5.136 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

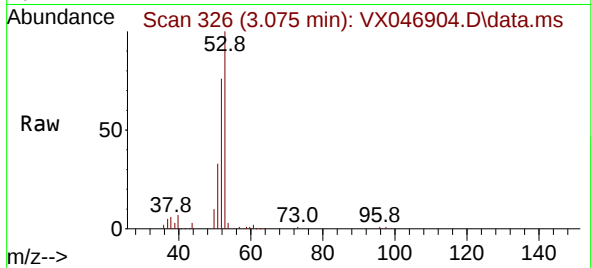
Tgt Ion: 41 Resp: 35793
Ion Ratio Lower Upper
41 100
39 64.0 52.0 78.0
76 33.0 26.2 39.2





#15
Acrylonitrile
Concen: 26.502 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

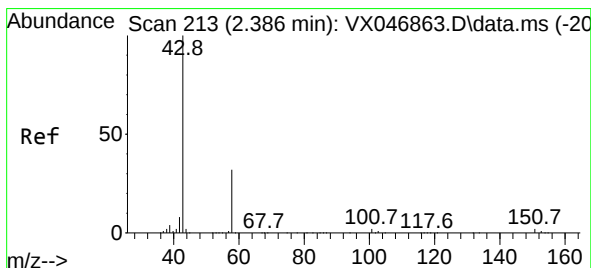
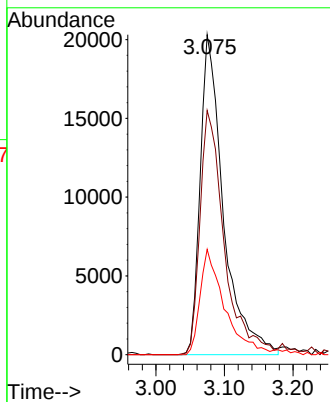
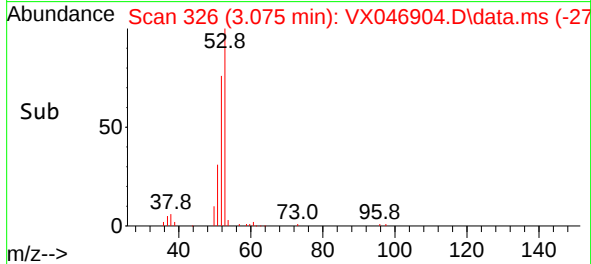
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 53 Resp: 4792
Ion Ratio Lower Upper
53 100
52 79.4 66.0 99.0
51 34.6 28.6 43.0

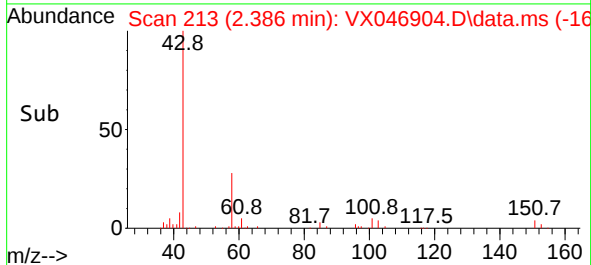
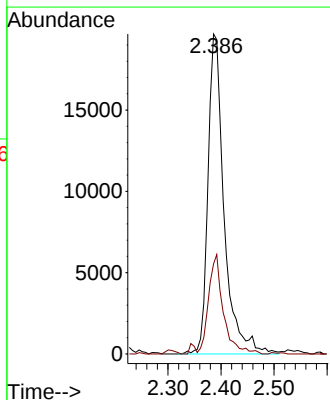
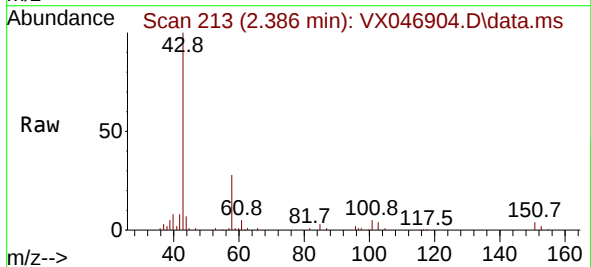
Manual Integrations
APPROVED

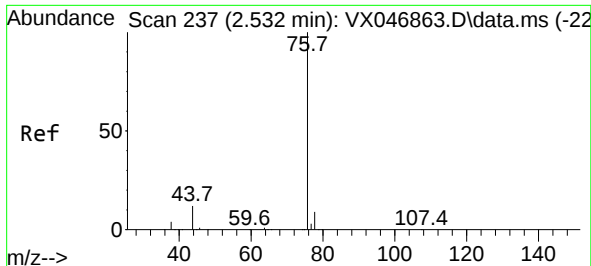
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#16
Acetone
Concen: 28.044 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion: 43 Resp: 41544
Ion Ratio Lower Upper
43 100
58 27.9 25.8 38.6





#17

Carbon Disulfide

Concen: 5.091 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 5226

Ion Ratio Lower Upper

76 100

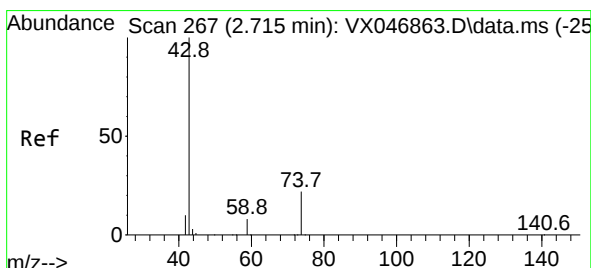
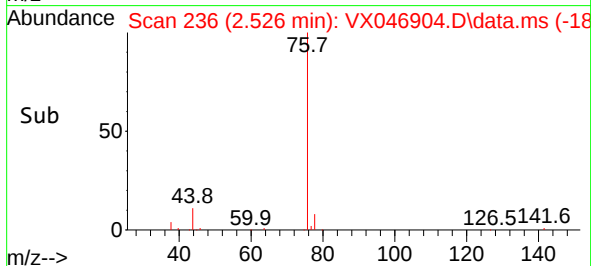
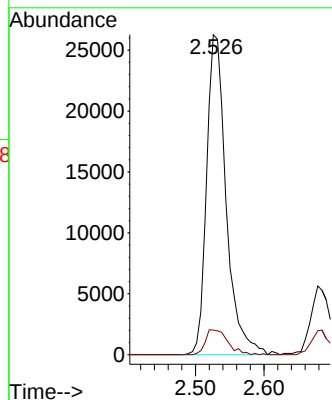
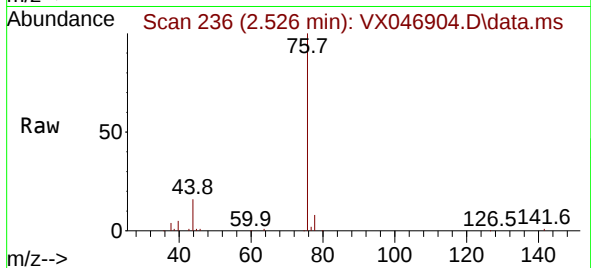
78 7.7 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#18

Methyl Acetate

Concen: 4.623 ug/l

RT: 2.721 min Scan# 268

Delta R.T. 0.006 min

Lab File: VX046904.D

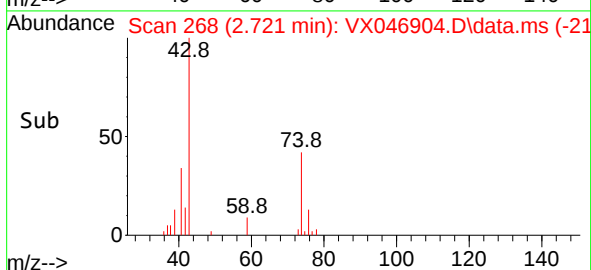
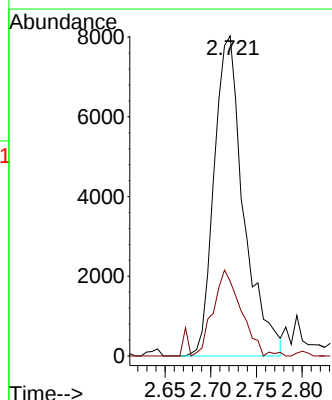
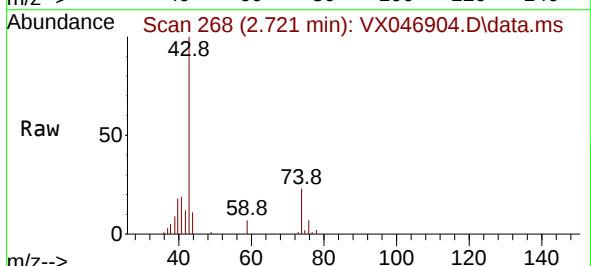
Acq: 07 Jul 2025 13:48

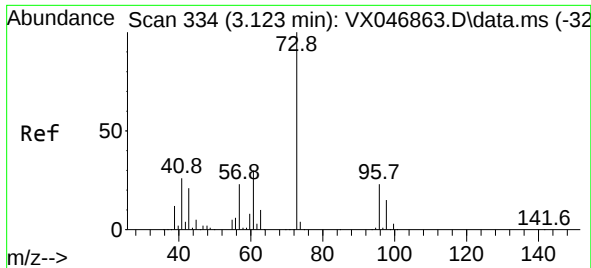
Tgt Ion: 43 Resp: 18051

Ion Ratio Lower Upper

43 100

74 25.4 18.3 27.5





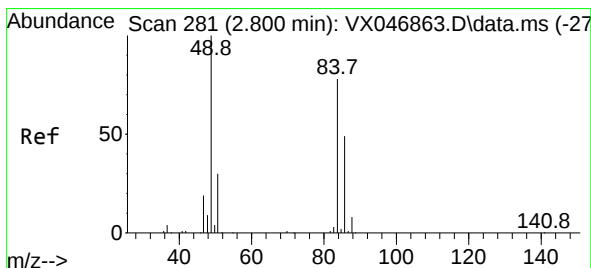
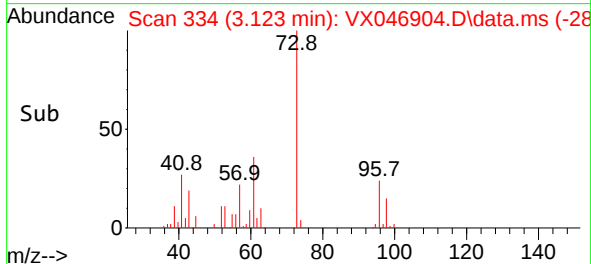
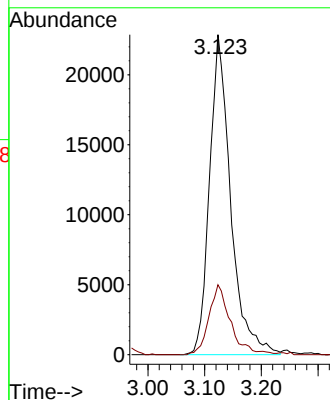
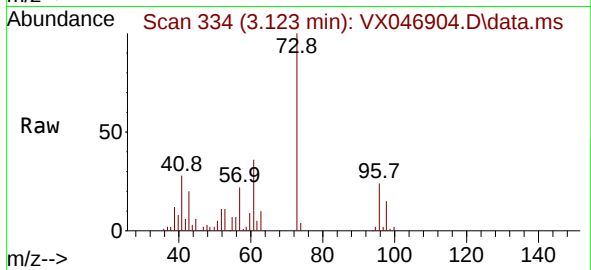
#19
Methyl tert-butyl Ether
Concen: 5.350 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 73 Resp: 5914
Ion Ratio Lower Upper
73 100
57 21.8 18.6 28.0

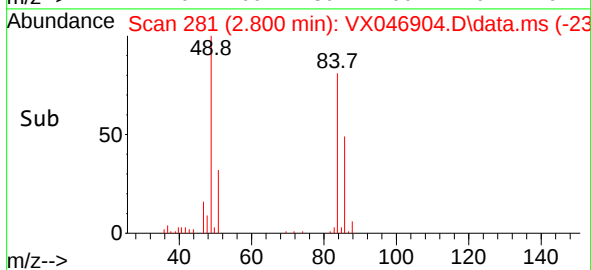
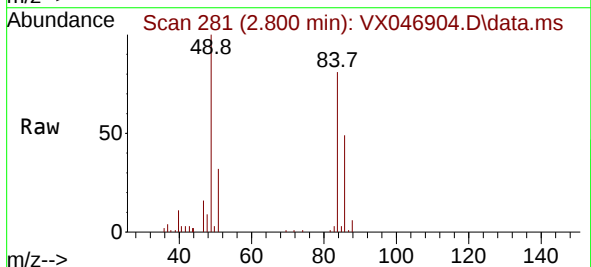
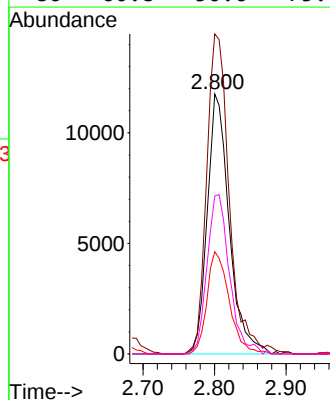
Manual Integrations
APPROVED

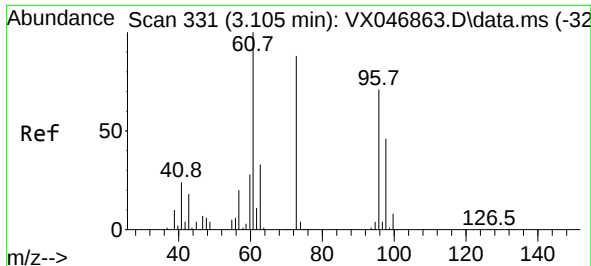
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#20
Methylene Chloride
Concen: 5.733 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

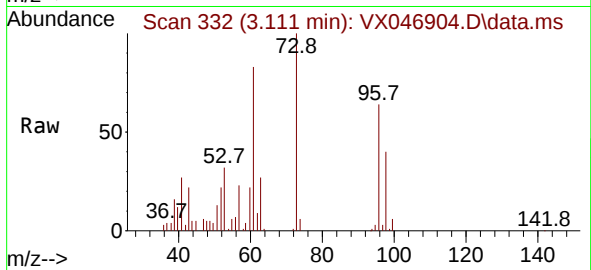
Tgt Ion: 84 Resp: 25112
Ion Ratio Lower Upper
84 100
49 123.1 102.8 154.2
51 39.3 31.1 46.7
86 60.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 5.569 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

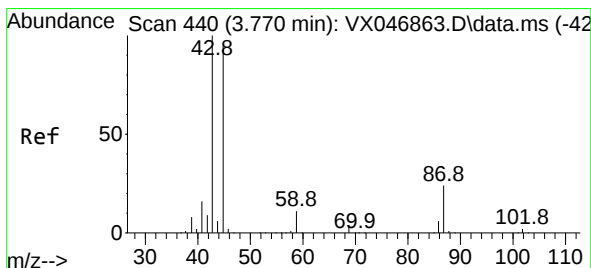
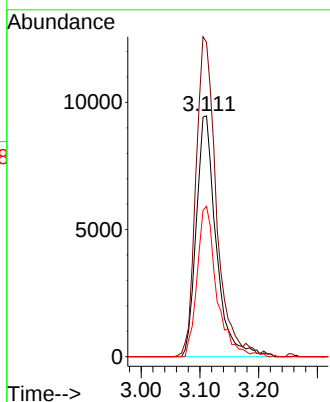
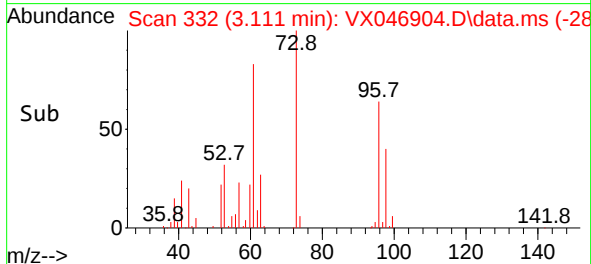
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 22309
Ion Ratio Lower Upper
96 100
61 130.6 113.4 170.2
98 62.4 51.8 77.6

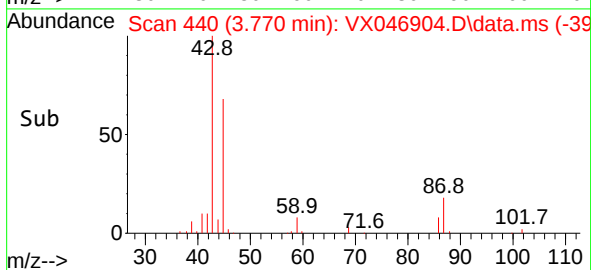
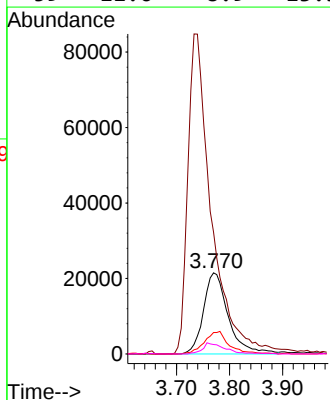
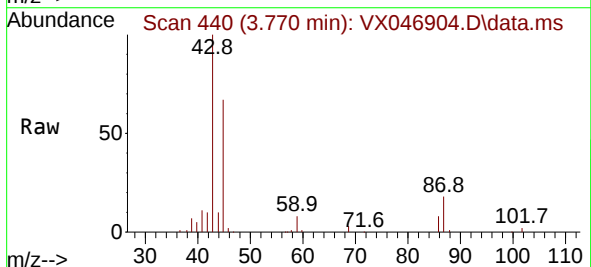
Manual Integrations
APPROVED

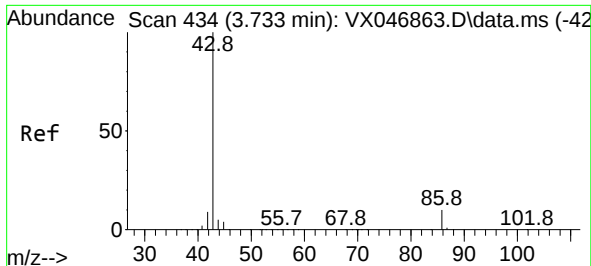
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#22
Diisopropyl ether
Concen: 5.194 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion: 45 Resp: 69936
Ion Ratio Lower Upper
45 100
43 143.9 84.2 126.4#
87 26.4 20.3 30.5
59 11.6 8.9 13.3





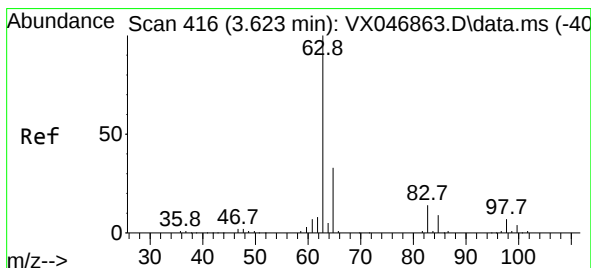
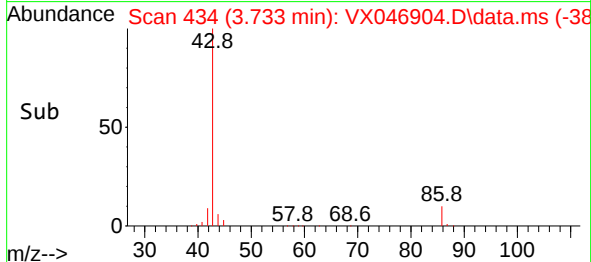
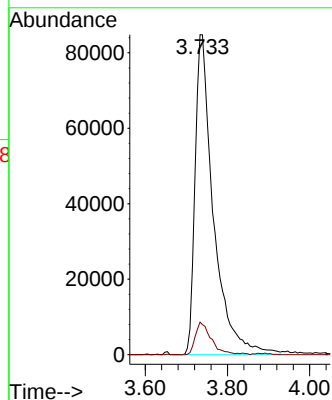
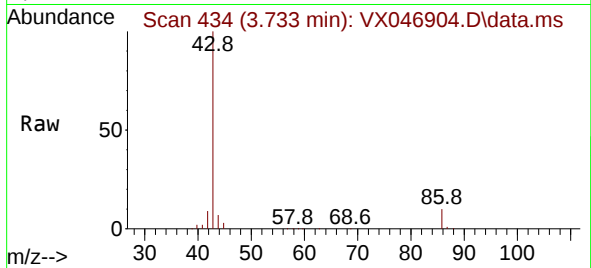
#23
 Vinyl Acetate
 Concen: 26.104 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046904.D
 Acq: 07 Jul 2025 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 263319
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4

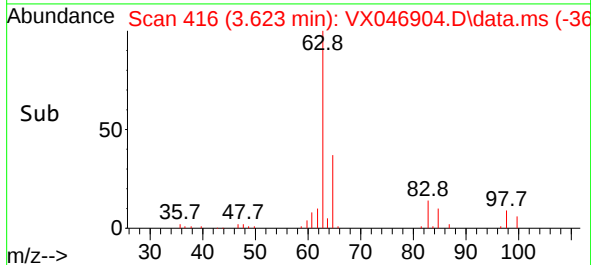
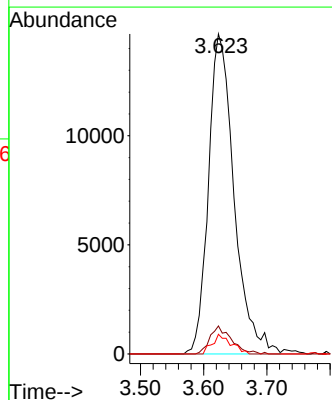
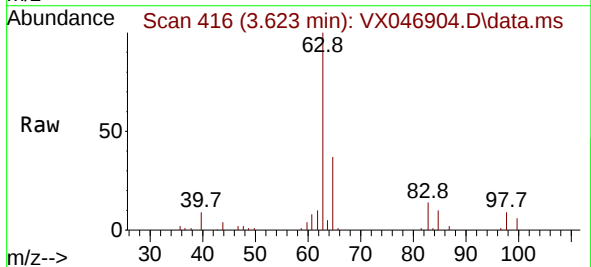
Manual Integrations
 APPROVED

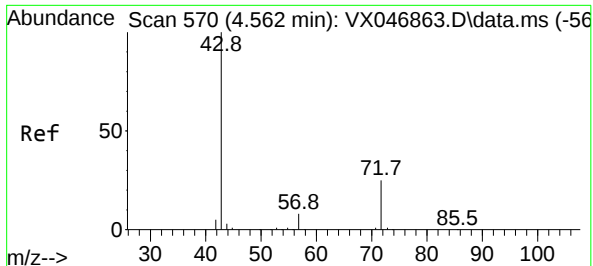
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025



#24
 1,1-Dichloroethane
 Concen: 5.376 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046904.D
 Acq: 07 Jul 2025 13:48

Tgt Ion: 63 Resp: 41283
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.9
 100 6.2 2.3 6.9





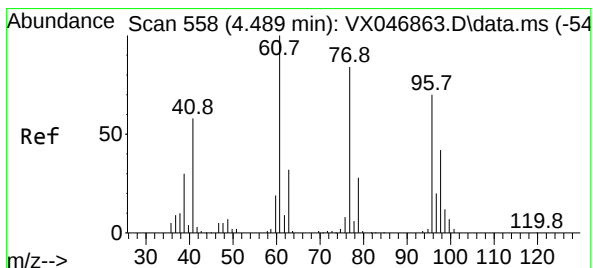
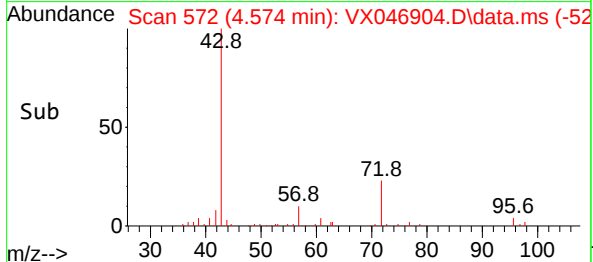
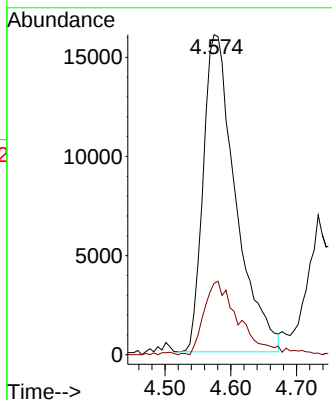
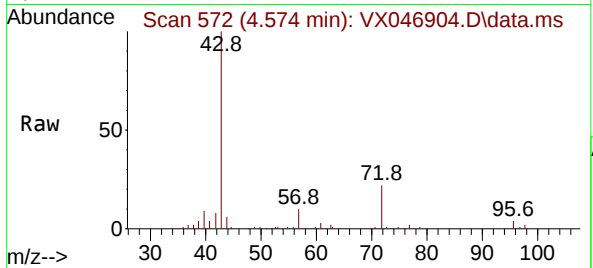
#25
2-Butanone
Concen: 27.742 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 5483
Ion Ratio Lower Upper
43 100
72 23.2 20.0 30.0

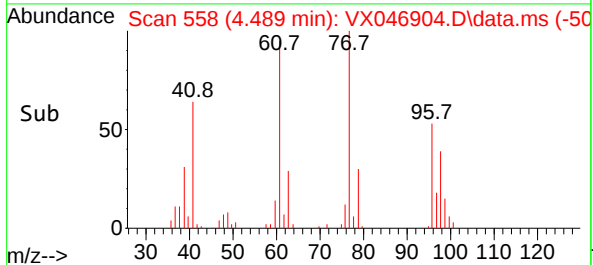
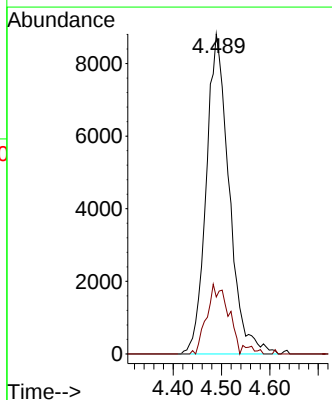
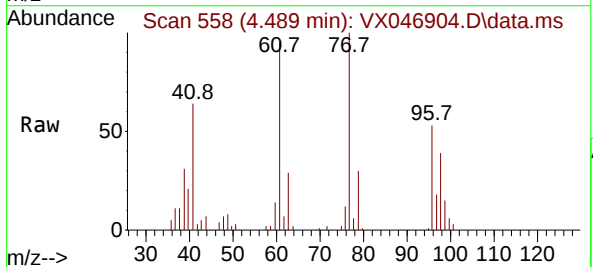
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#26
2,2-Dichloropropane
Concen: 5.080 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion: 77 Resp: 29031
Ion Ratio Lower Upper
77 100
97 20.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 5.503 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX046904.D

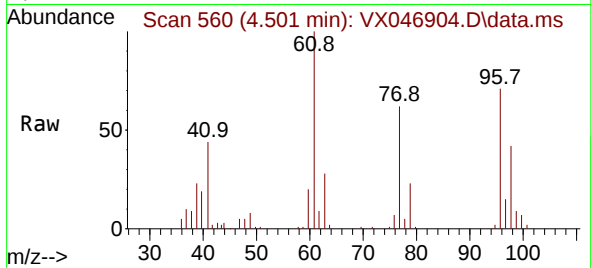
Acq: 07 Jul 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2025

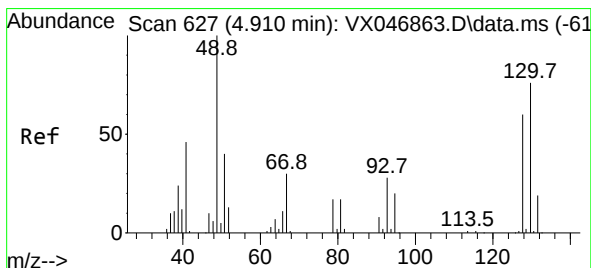
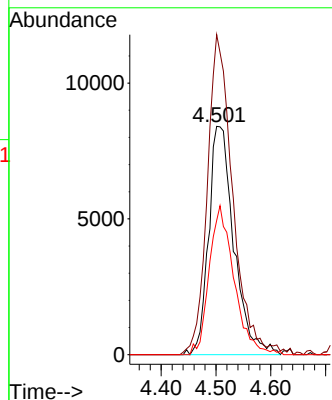
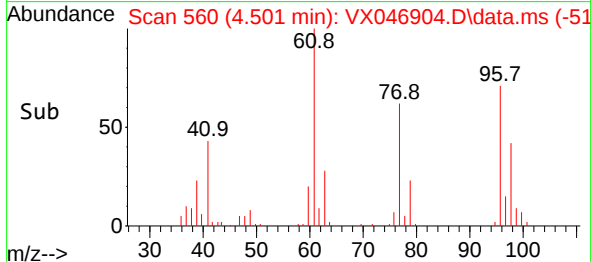


Tgt Ion: 96 Resp: 26914

Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	288.6
98	64.2	0.0	128.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#28

Bromochloromethane

Concen: 5.573 ug/l

RT: 4.916 min Scan# 628

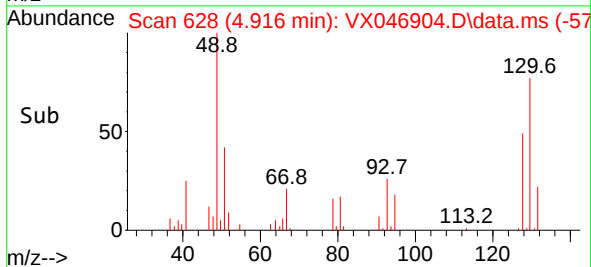
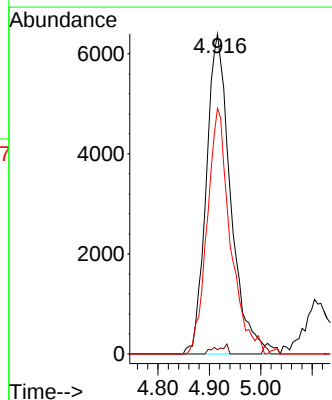
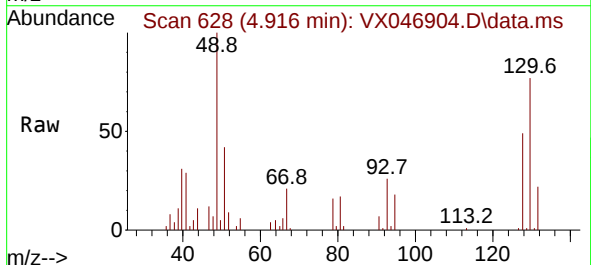
Delta R.T. 0.006 min

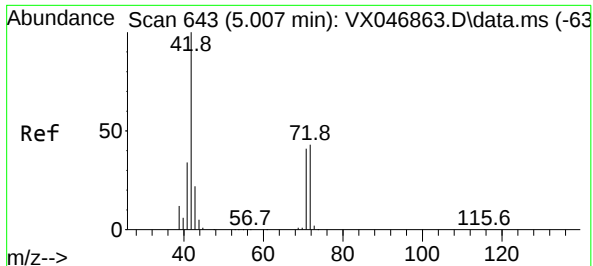
Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

Tgt Ion: 49 Resp: 21119

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.2
130	72.7	61.7	92.5





#29

Tetrahydrofuran

Concen: 29.472 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2025

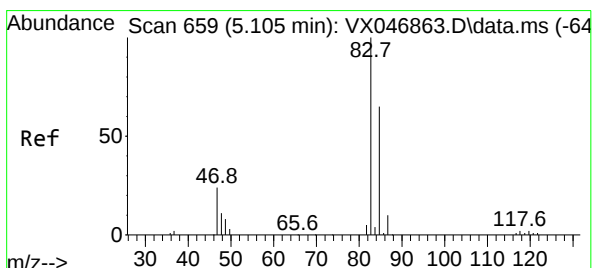
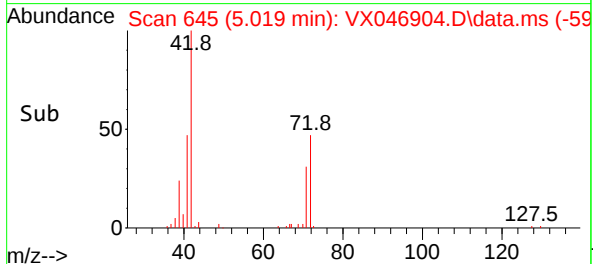
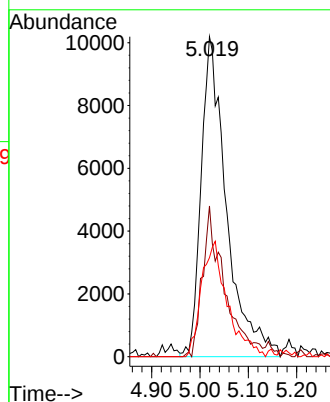
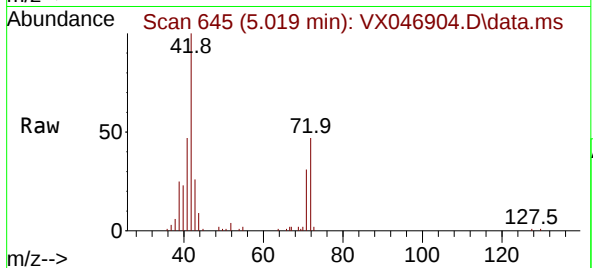
Tgt Ion:	42	Resp:	3713
Ion Ratio	Lower	Upper	
42	100		
72	40.8	35.1	52.7
71	36.6	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#30

Chloroform

Concen: 5.527 ug/l

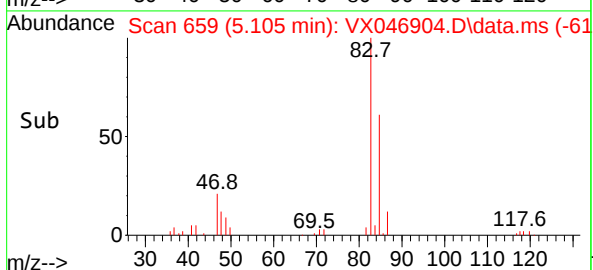
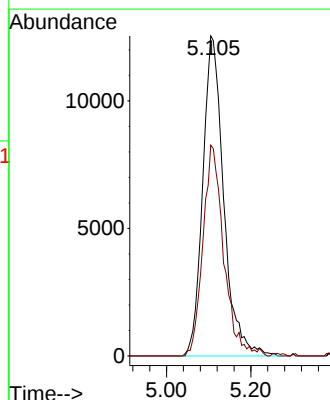
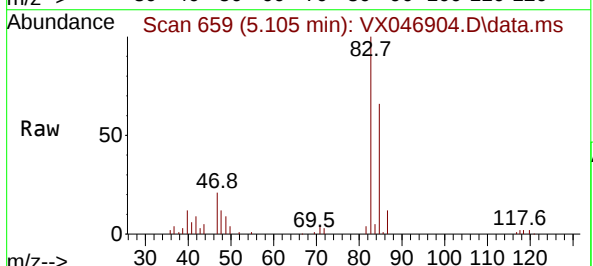
RT: 5.105 min Scan# 659

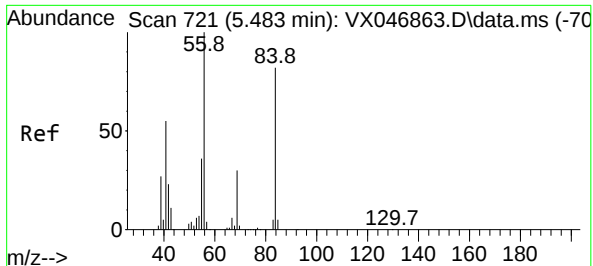
Delta R.T. 0.000 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

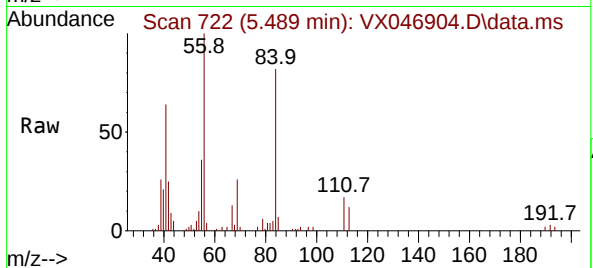
Tgt Ion:	83	Resp:	43359
Ion Ratio	Lower	Upper	
83	100		
85	67.2	51.8	77.8





#31
Cyclohexane
Concen: 5.662 ug/l
RT: 5.489 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

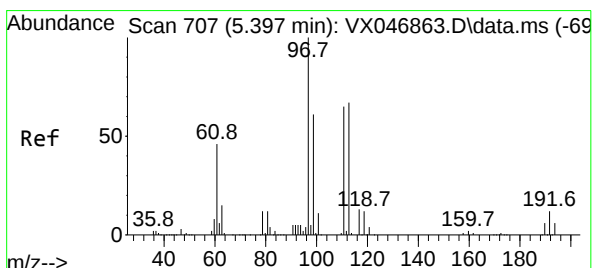
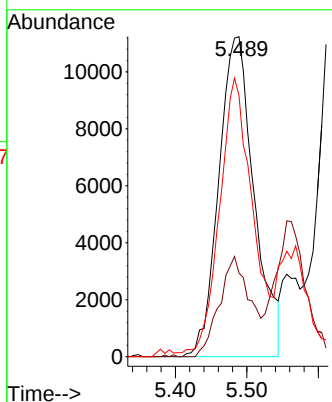
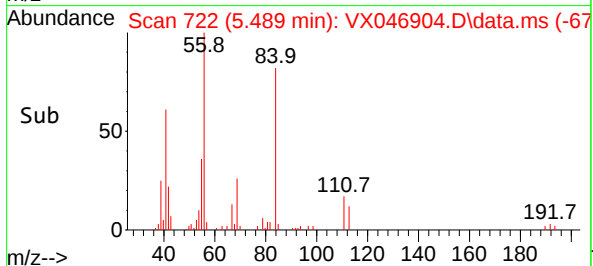
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 56 Resp: 3860
Ion Ratio Lower Upper
56 100
69 26.1 24.0 36.0
84 80.3 66.5 99.7

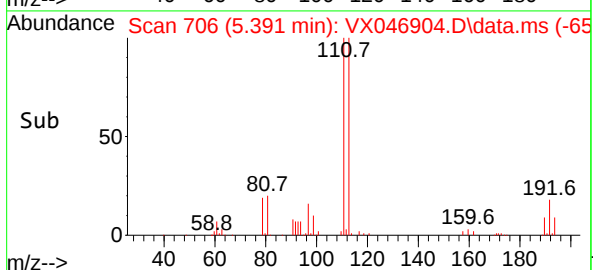
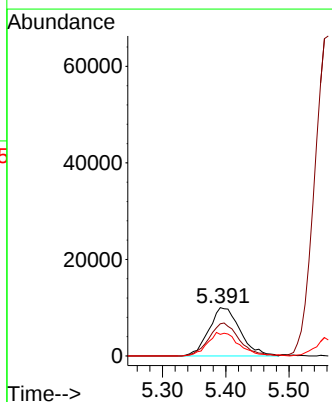
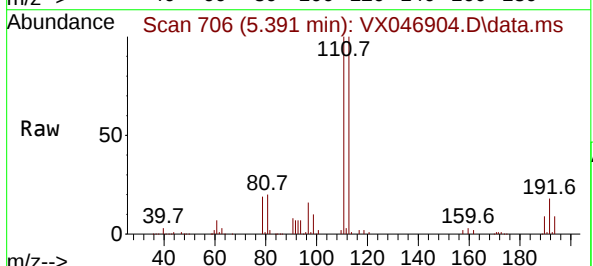
Manual Integrations
APPROVED

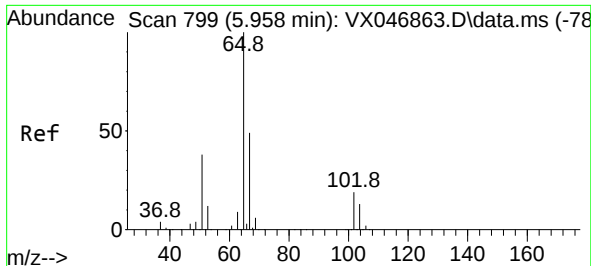
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#32
1,1,1-Trichloroethane
Concen: 5.223 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion: 97 Resp: 34233
Ion Ratio Lower Upper
97 100
99 65.6 50.6 76.0
61 48.7 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 52.740 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 65 Resp: 251520

Ion Ratio Lower Upper

65 100

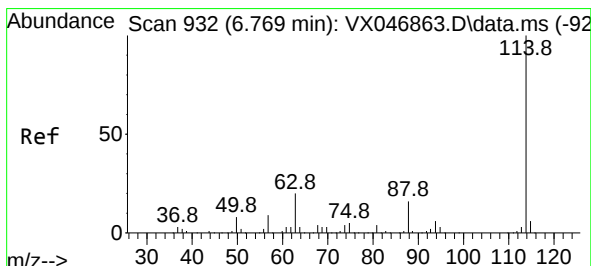
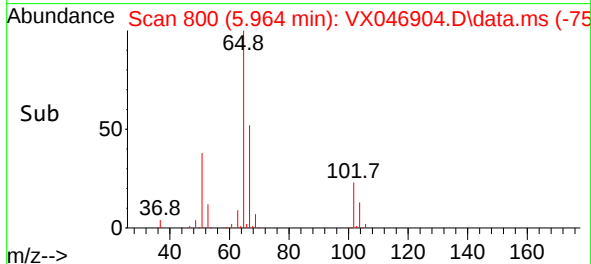
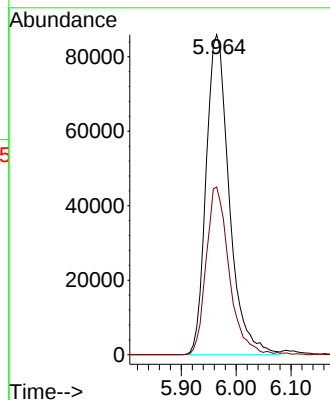
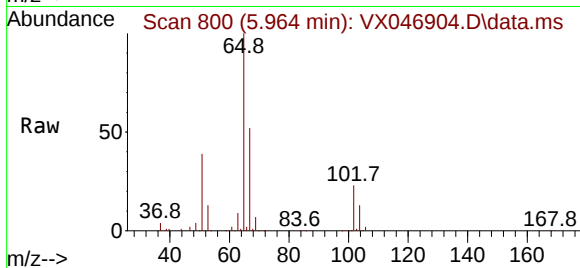
67 52.4 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

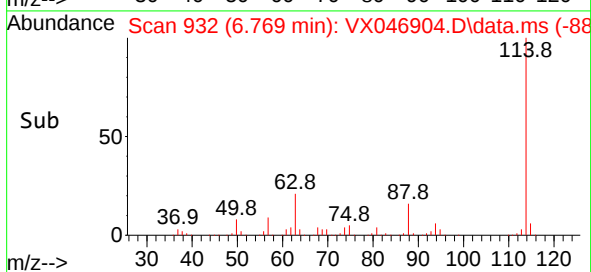
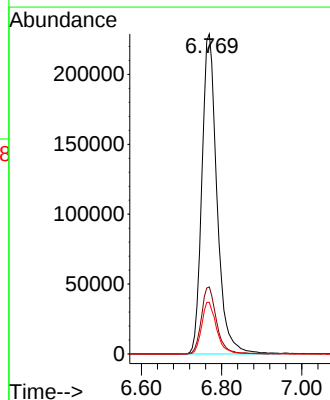
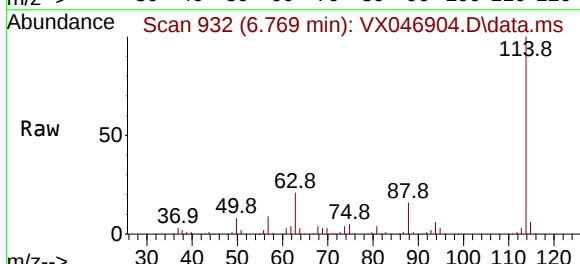
Tgt Ion:114 Resp: 598077

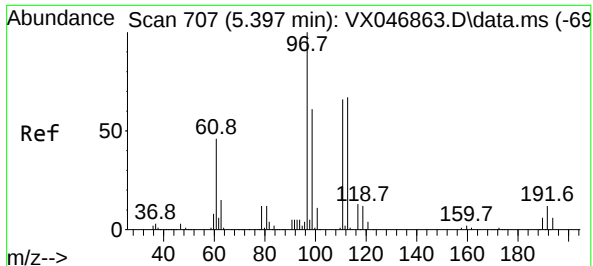
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

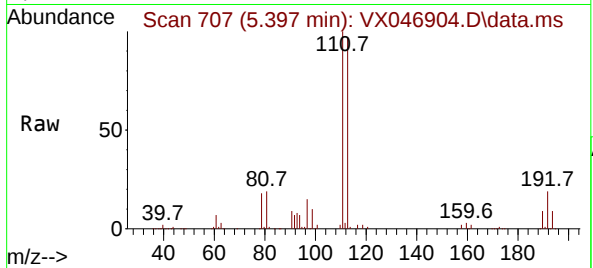
88 16.2 0.0 31.0





#35
Dibromofluoromethane
Concen: 50.755 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

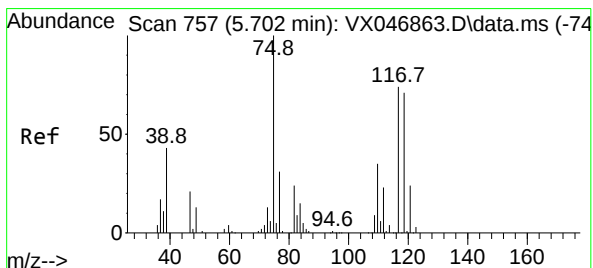
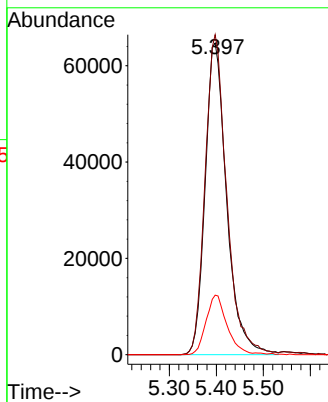
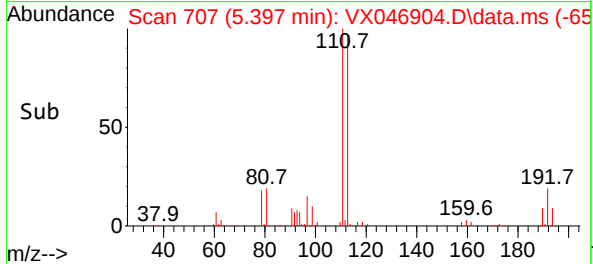
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:113 Resp: 206054
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 18.5 15.3 22.9

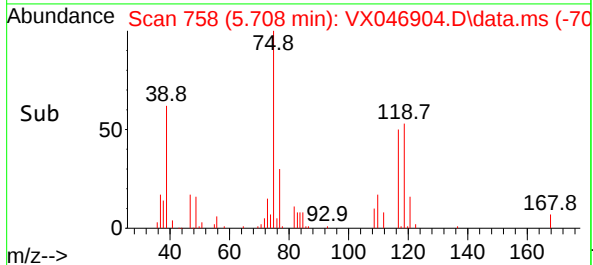
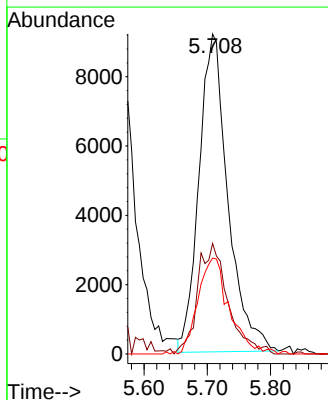
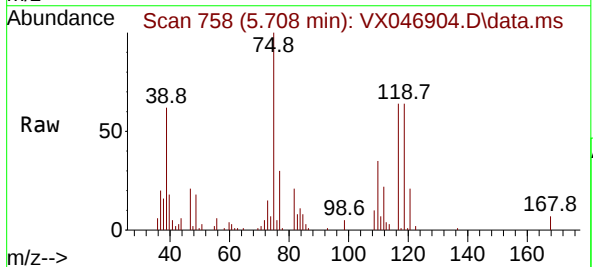
Manual Integrations
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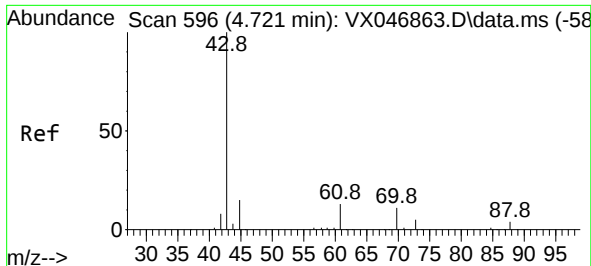
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#36
1,1-Dichloropropene
Concen: 5.334 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

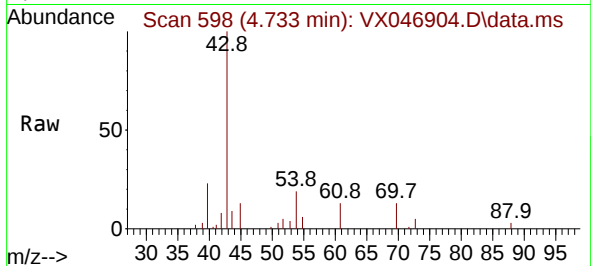
Tgt Ion: 75 Resp: 29215
Ion Ratio Lower Upper
75 100
110 36.3 17.3 51.9
77 32.6 24.2 36.4





#37
Ethyl Acetate
Concen: 4.834 ug/l m
RT: 4.733 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

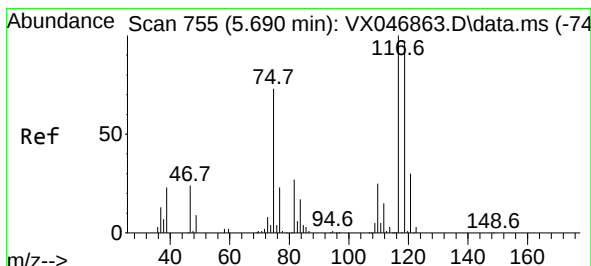
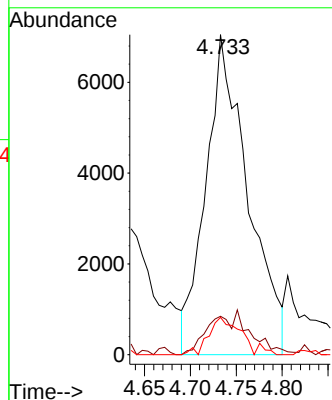
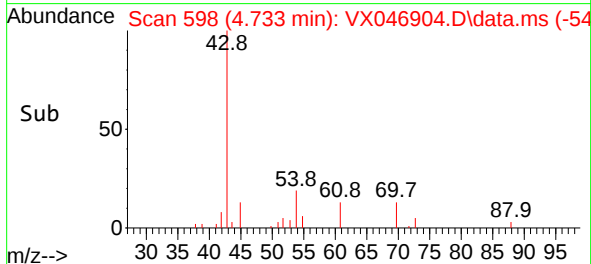
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
61 7.5 9.7 14.5
70 8.4 8.3 12.5

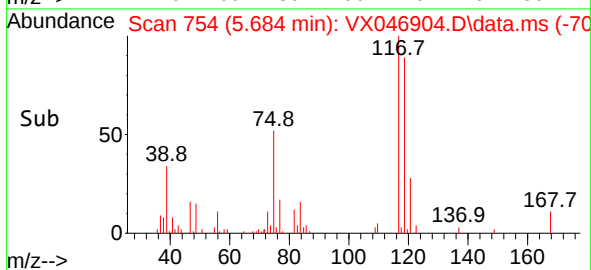
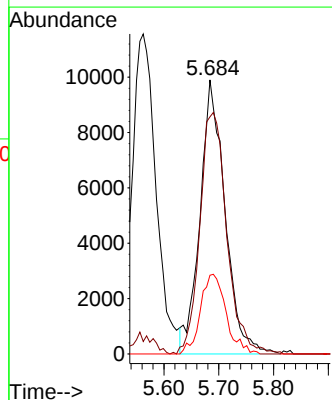
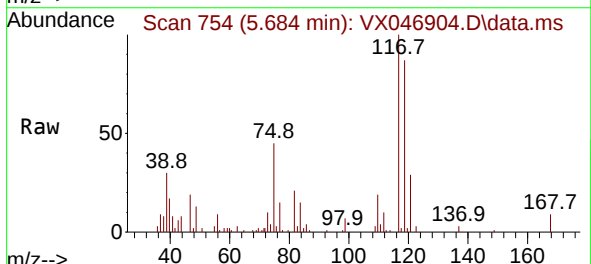
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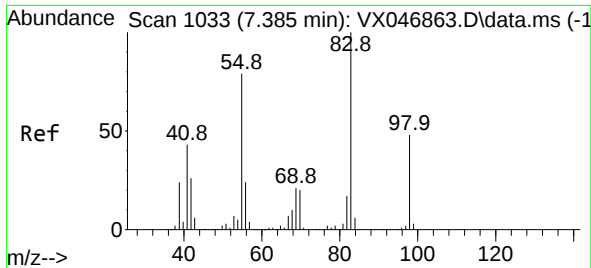
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#38
Carbon Tetrachloride
Concen: 5.419 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

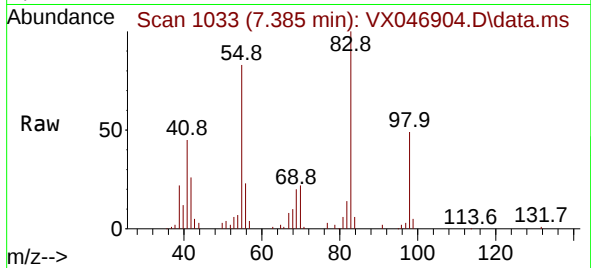
Tgt Ion:117 Resp: 31381
Ion Ratio Lower Upper
117 100
119 85.7 76.6 114.8
121 28.7 24.1 36.1





#39
Methylcyclohexane
Concen: 5.354 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

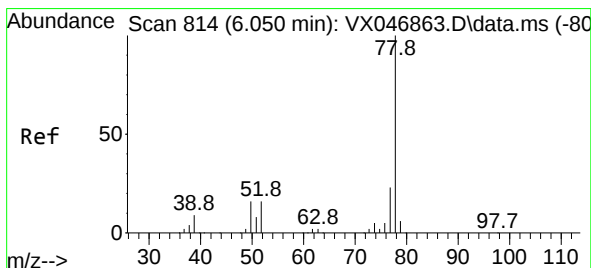
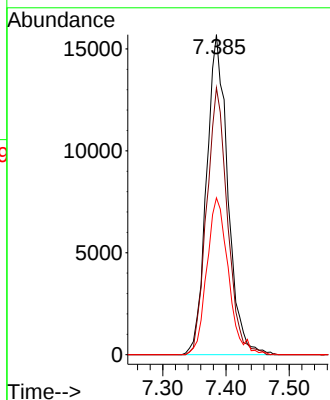
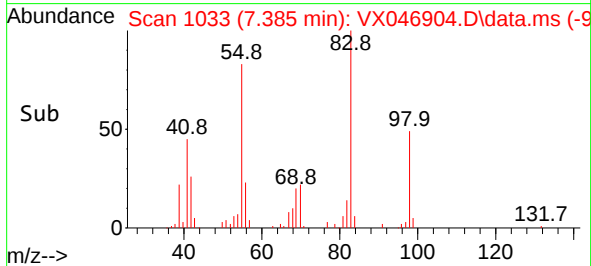
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 83 Resp: 36684
Ion Ratio Lower Upper
83 100
55 83.4 63.0 94.4
98 49.0 38.5 57.7

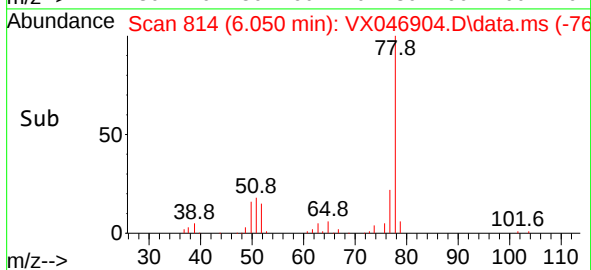
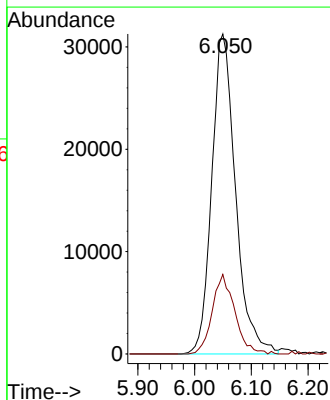
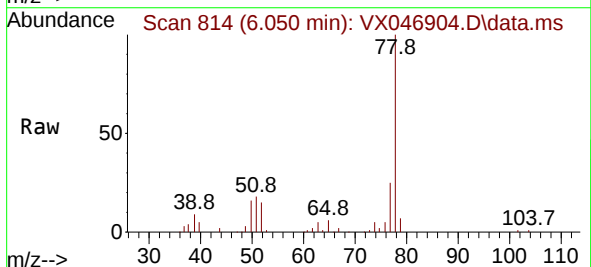
Manual Integrations
APPROVED

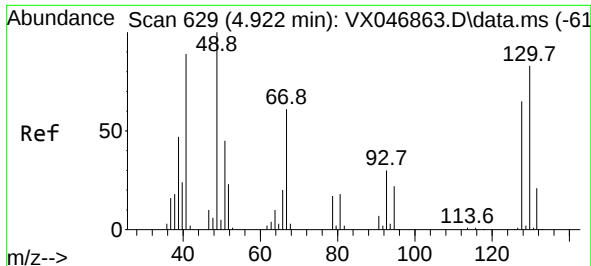
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#40
Benzene
Concen: 5.498 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

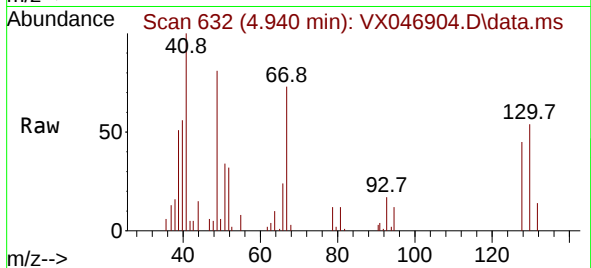
Tgt Ion: 78 Resp: 91083
Ion Ratio Lower Upper
78 100
77 24.8 18.7 28.1





#41
Methacrylonitrile
Concen: 4.782 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

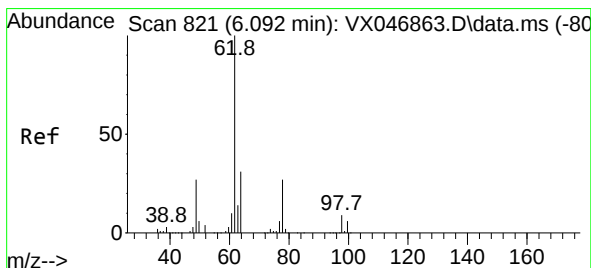
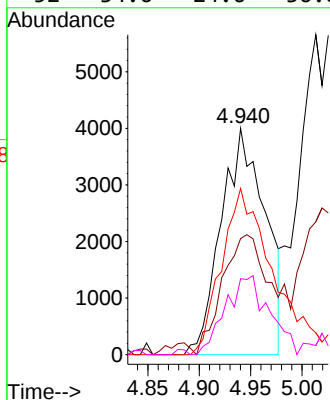
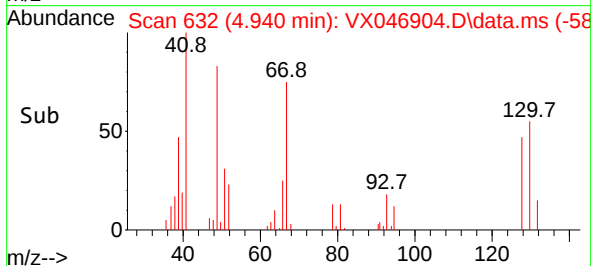
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:	41	Resp:	1190
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.0	64.4
67	88.2	60.2	90.2
52	34.6	24.6	36.8

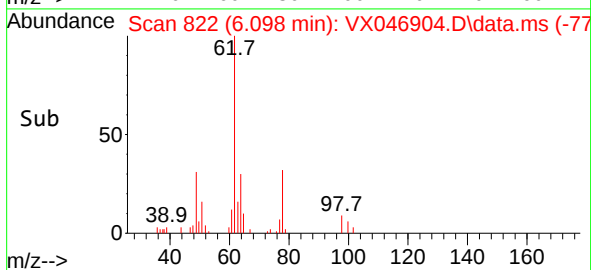
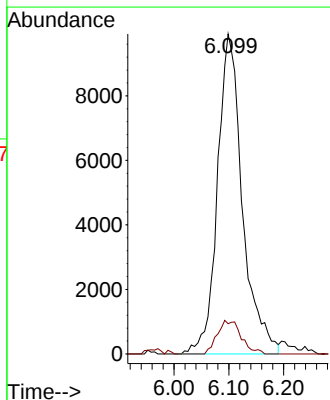
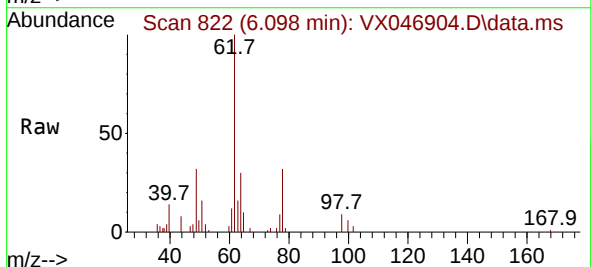
Manual Integrations
APPROVED

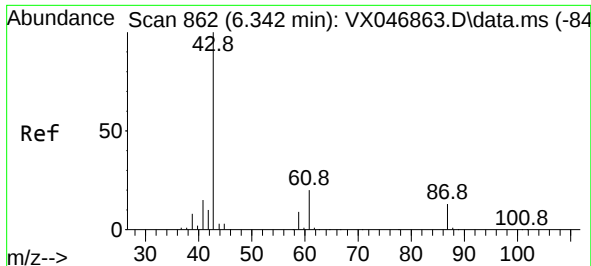
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#42
1,2-Dichloroethane
Concen: 5.574 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion:	62	Resp:	31360
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





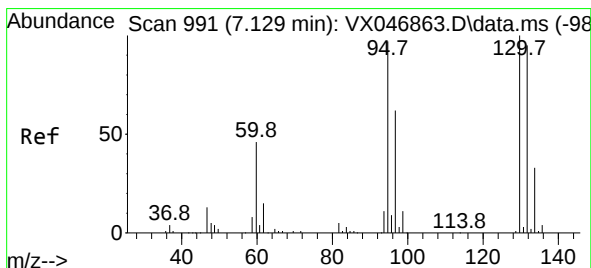
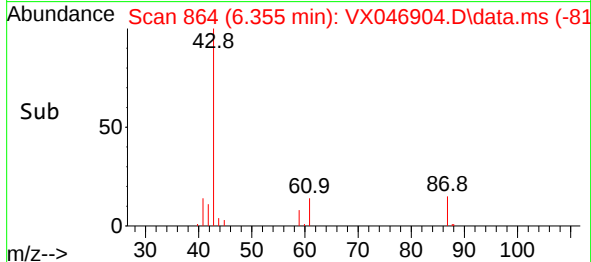
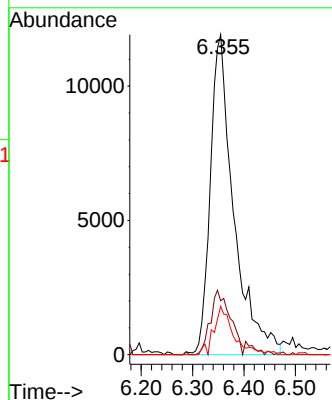
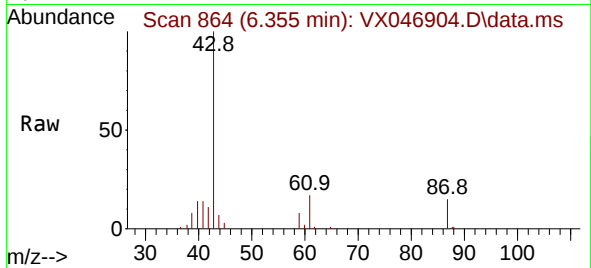
#43
Isopropyl Acetate
Concen: 5.271 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 3766
Ion Ratio Lower Upper
43 100
61 17.0 15.7 23.5
87 12.5 10.1 15.1

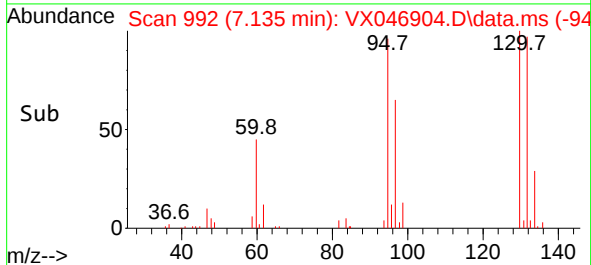
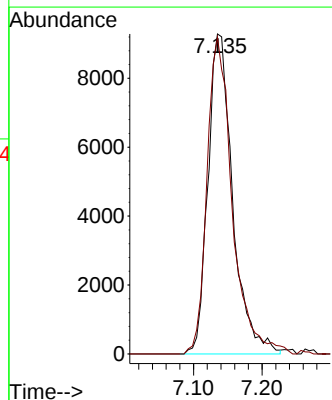
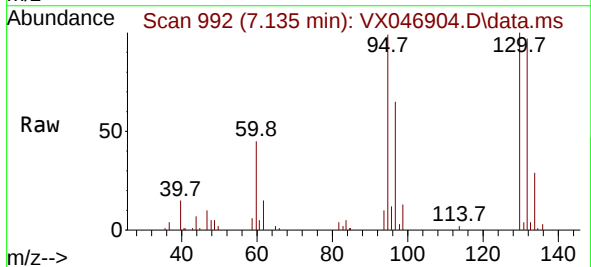
Manual Integrations
APPROVED

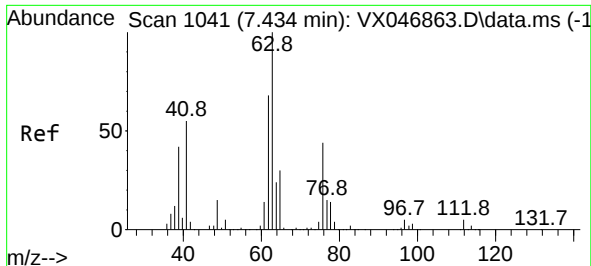
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#44
Trichloroethene
Concen: 5.407 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion:130 Resp: 23320
Ion Ratio Lower Upper
130 100
95 99.0 0.0 194.2





#45

1,2-Dichloropropane

Concen: 5.438 ug/l

RT: 7.440 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 63 Resp: 2276

Ion Ratio Lower Upper

63 100

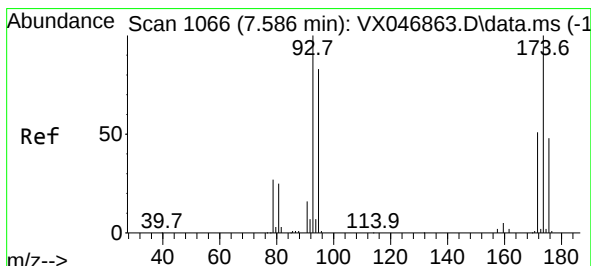
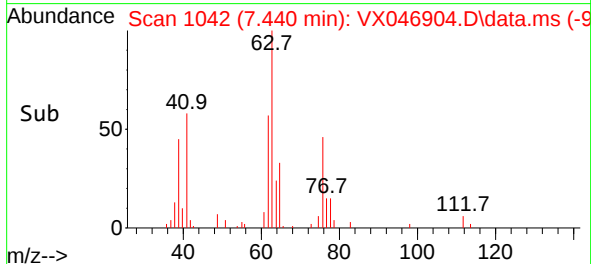
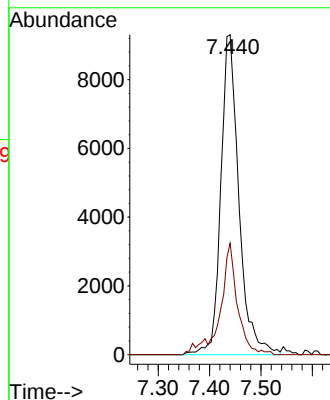
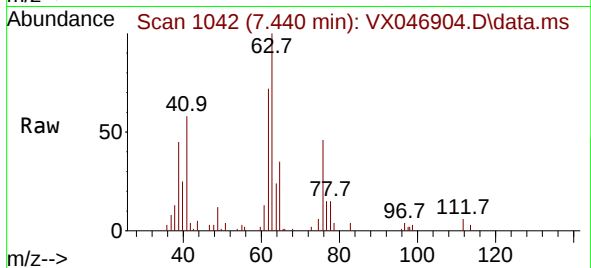
65 36.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#46

Dibromomethane

Concen: 5.338 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

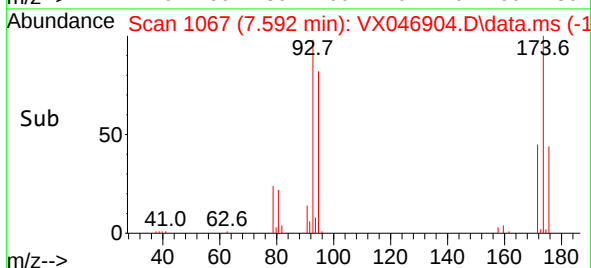
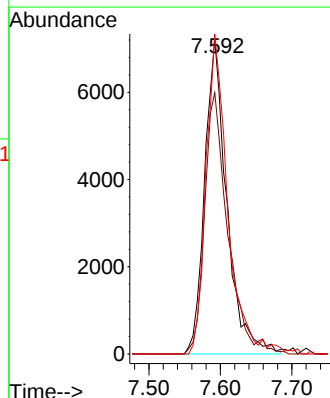
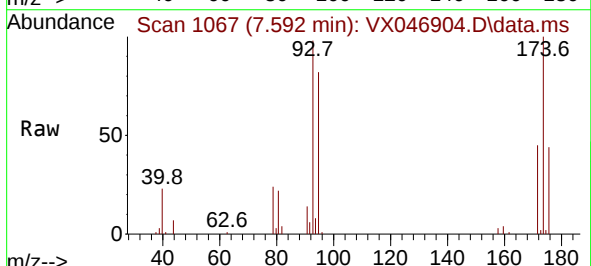
Tgt Ion: 93 Resp: 15481

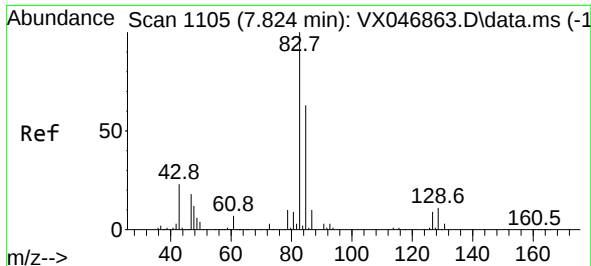
Ion Ratio Lower Upper

93 100

95 87.2 66.6 99.8

174 100.6 77.4 116.2





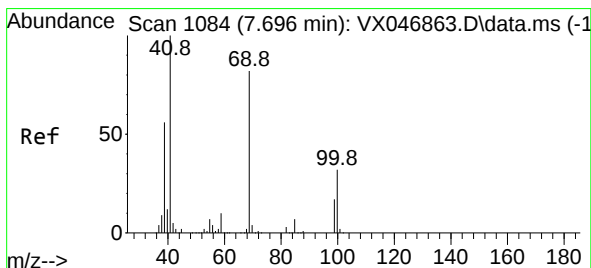
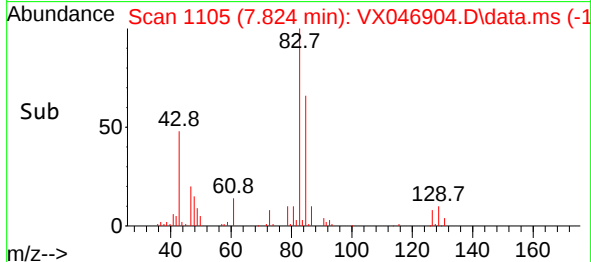
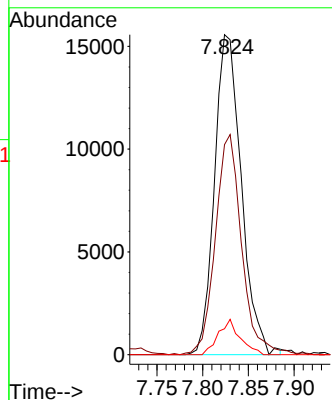
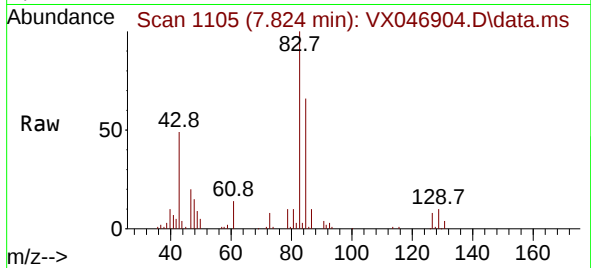
#47
Bromodichloromethane
Concen: 5.124 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 31729
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 7.9 7.1 10.7

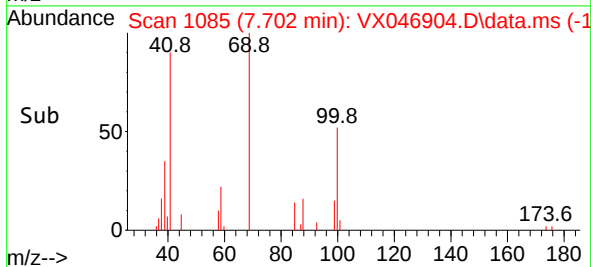
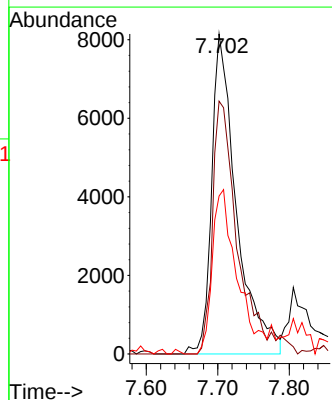
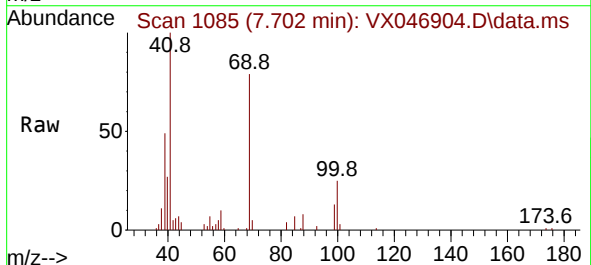
Manual Integrations
APPROVED

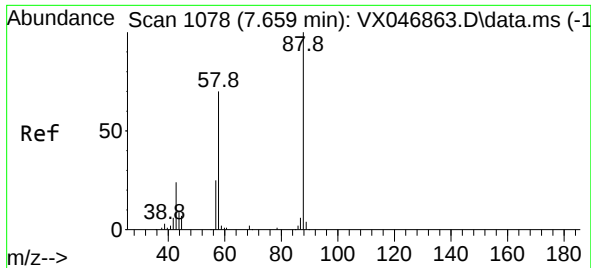
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#48
Methyl methacrylate
Concen: 5.313 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

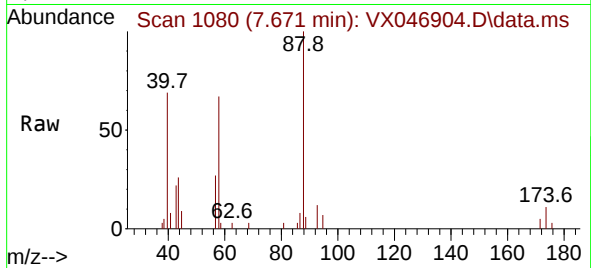
Tgt Ion: 41 Resp: 19605
Ion Ratio Lower Upper
41 100
69 80.9 65.8 98.8
39 51.6 43.8 65.6





#49
1,4-Dioxane
Concen: 105.538 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

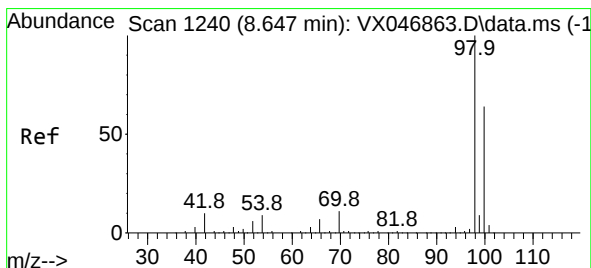
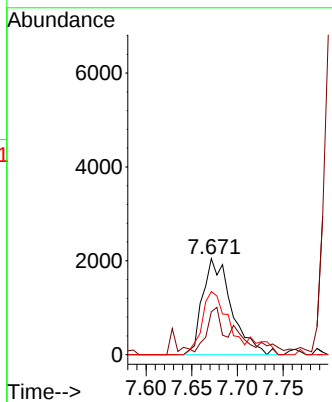
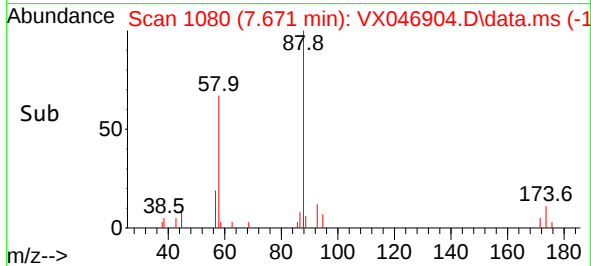
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 88 Resp: 4512
Ion Ratio Lower Upper
88 100
43 24.0 31.7 47.5
58 58.6 57.5 86.3

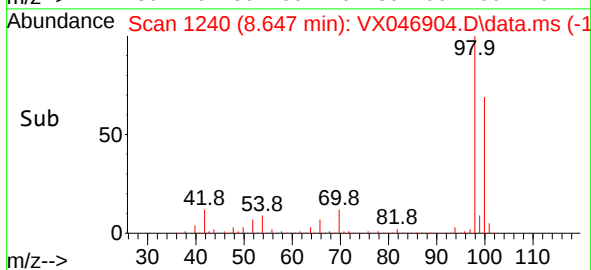
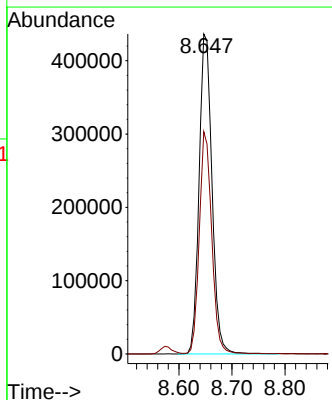
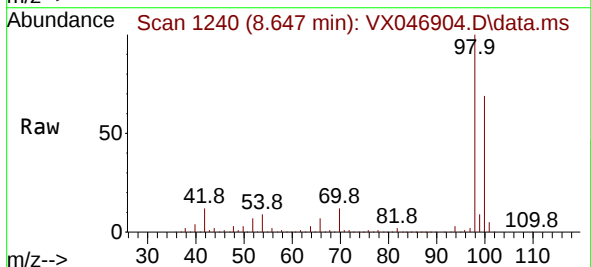
Manual Integrations
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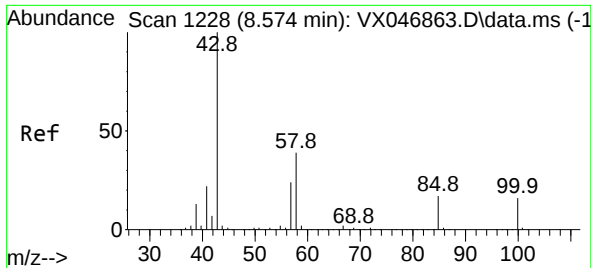
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#50
Toluene-d8
Concen: 51.524 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion: 98 Resp: 738018
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6





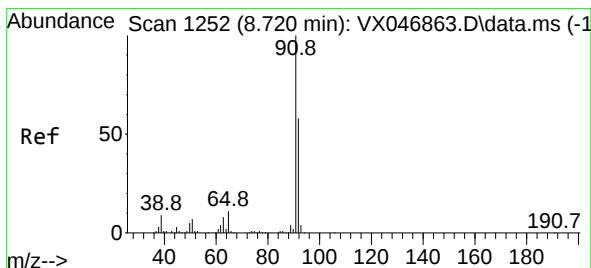
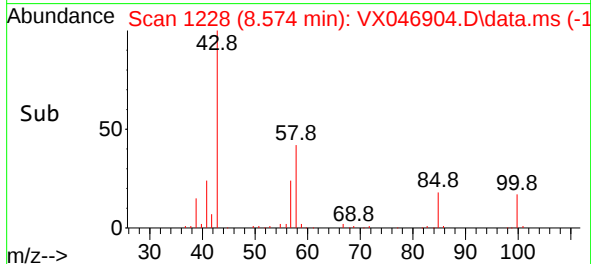
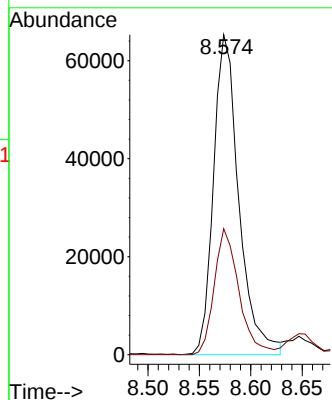
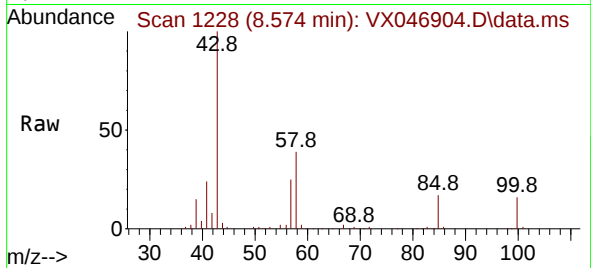
#51
4-Methyl-2-Pentanone
Concen: 26.547 ug/l
RT: 8.574 min Scan# 11195
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 11195
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6

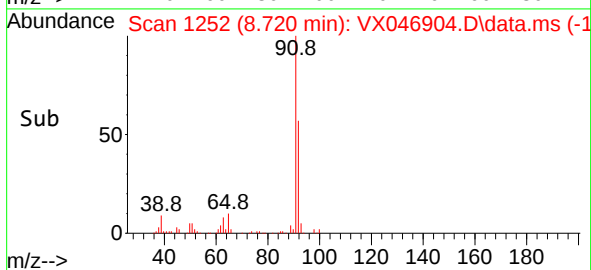
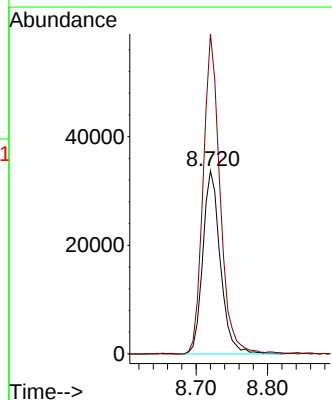
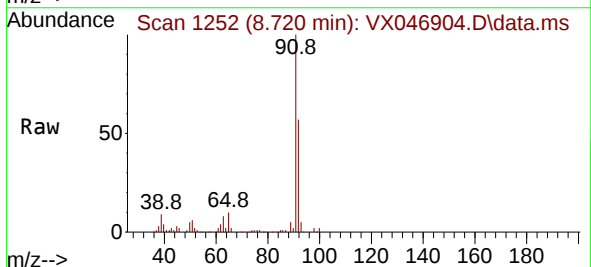
Manual Integrations
APPROVED

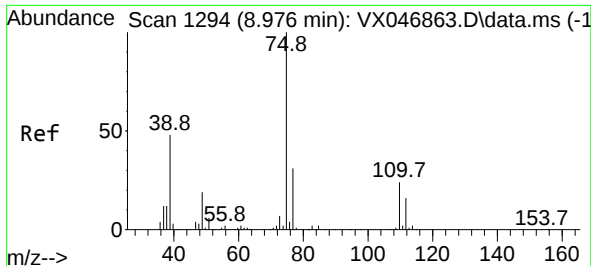
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#52
Toluene
Concen: 5.586 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion: 92 Resp: 57345
Ion Ratio Lower Upper
92 100
91 168.1 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 4.869 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 75 Resp: 2690

Ion Ratio Lower Upper

75 100

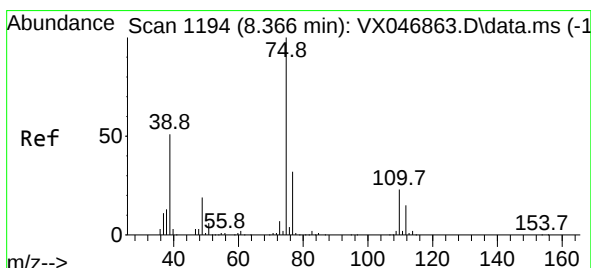
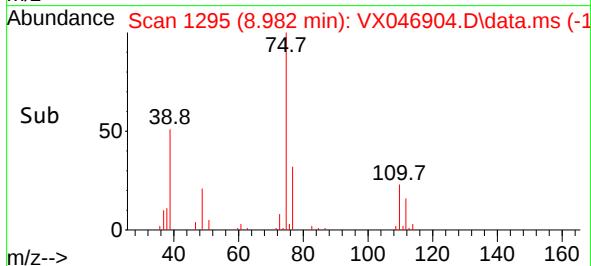
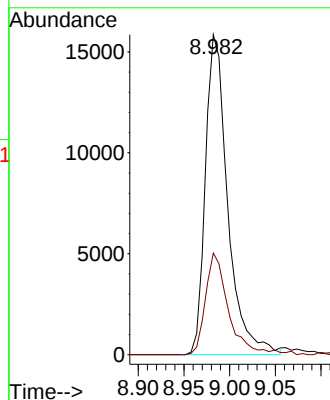
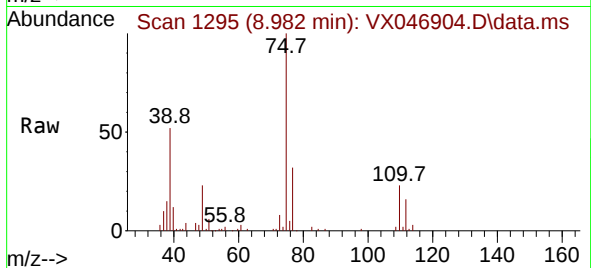
77 31.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#54

cis-1,3-Dichloropropene

Concen: 5.008 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

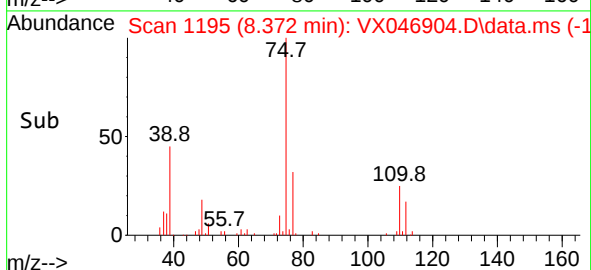
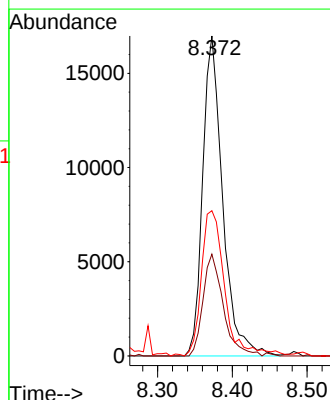
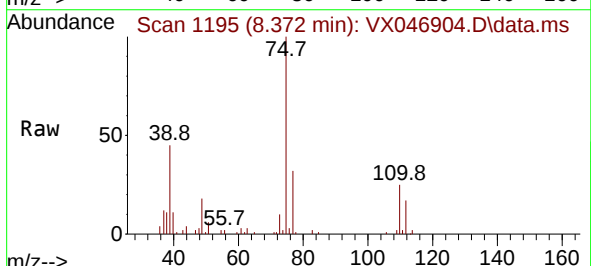
Tgt Ion: 75 Resp: 31594

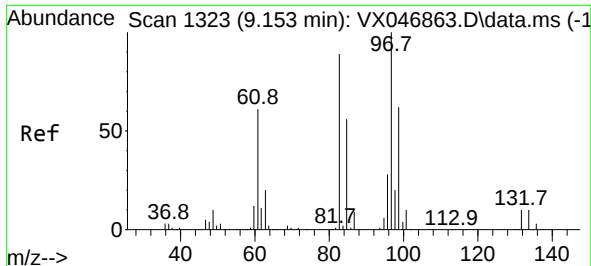
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

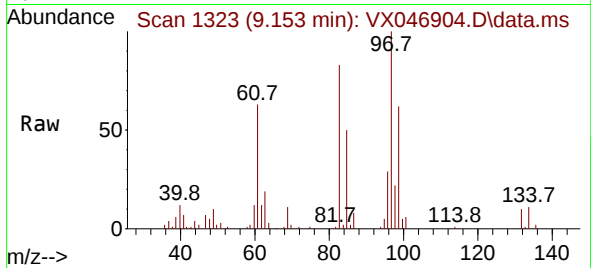
39 44.4 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 5.472 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

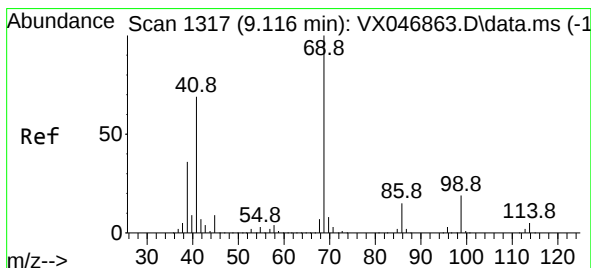
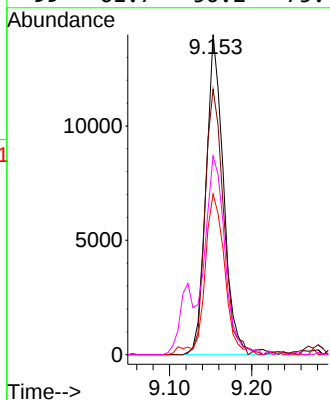
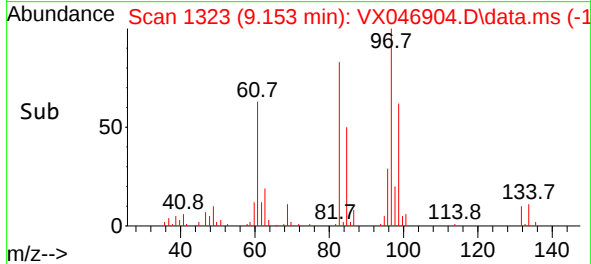
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



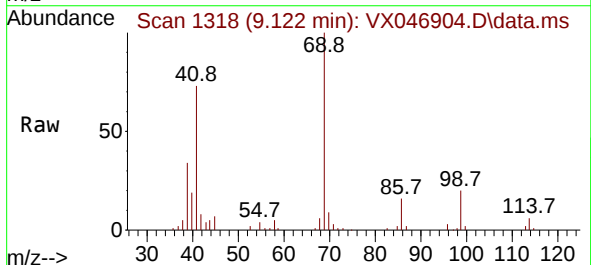
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	70.9	106.3
85	49.3	44.6	67.0
99	61.7	50.2	75.4

Manual Integrations
APPROVED

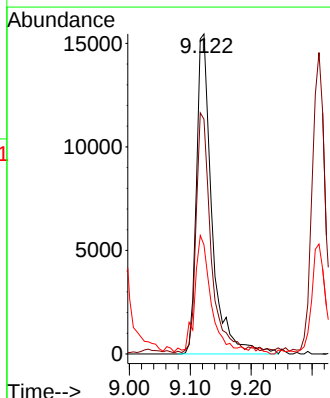
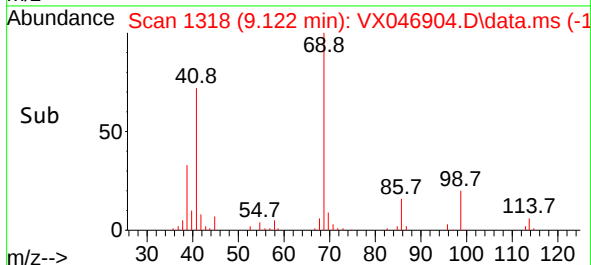
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

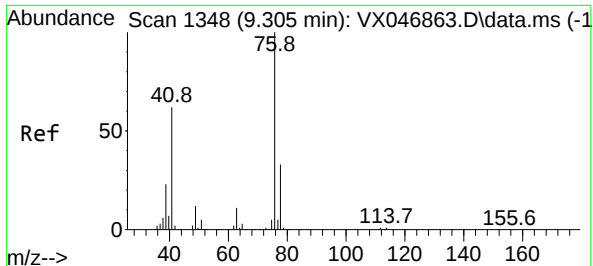


#56
Ethyl methacrylate
Concen: 5.187 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.3	54.6	82.0
39	37.8	28.7	43.1





#57

1,3-Dichloropropane

Concen: 5.467 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 3598

Ion Ratio Lower Upper

76 100

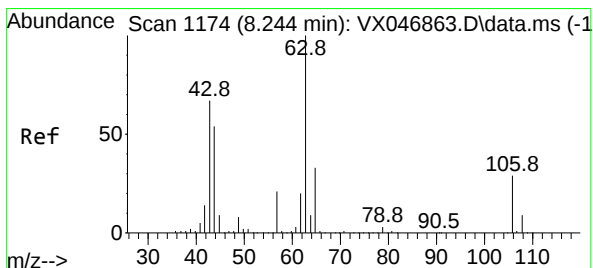
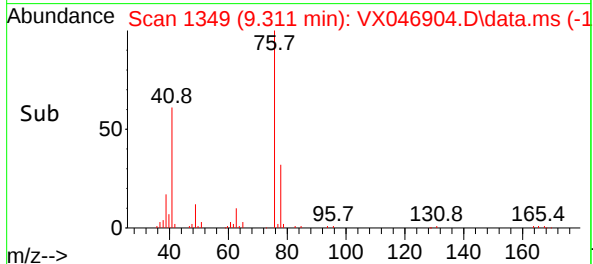
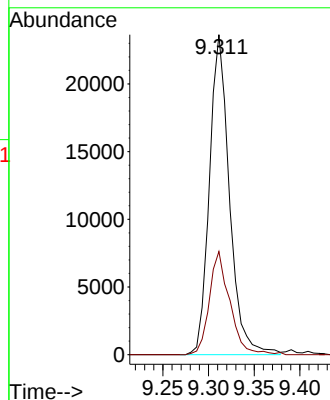
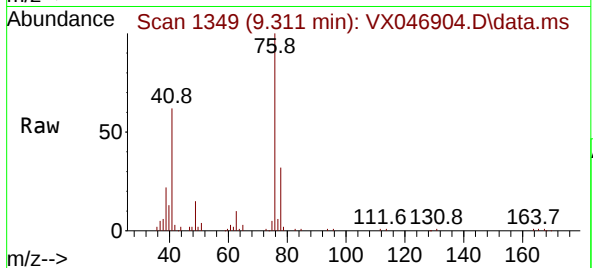
78 33.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#58

2-Chloroethyl Vinyl ether

Concen: 26.212 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046904.D

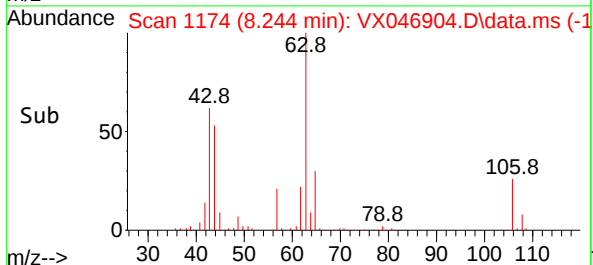
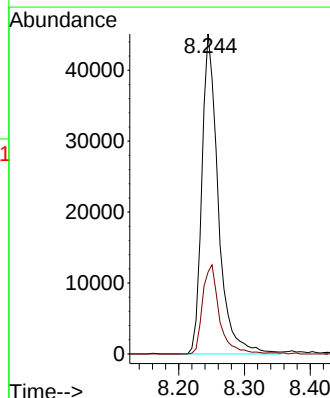
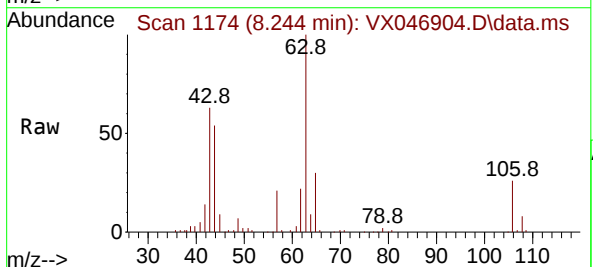
Acq: 07 Jul 2025 13:48

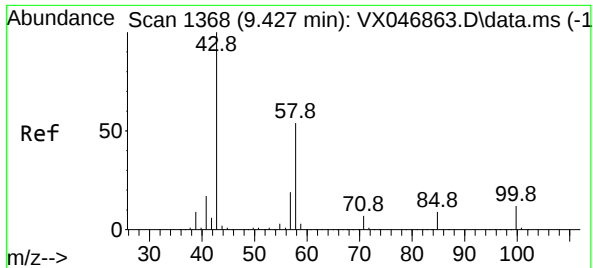
Tgt Ion: 63 Resp: 78167

Ion Ratio Lower Upper

63 100

106 28.4 22.6 33.8





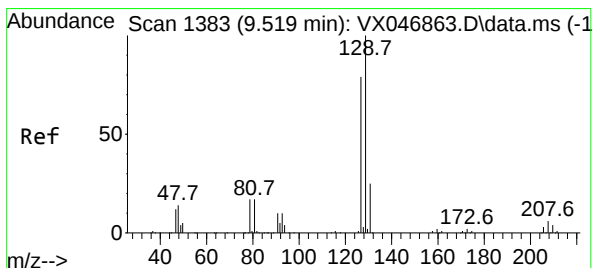
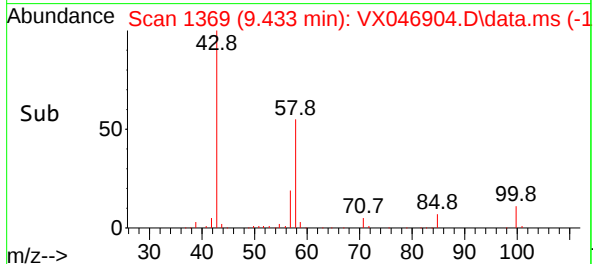
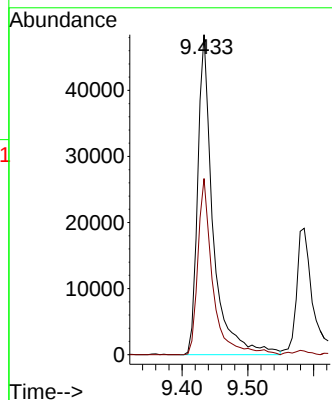
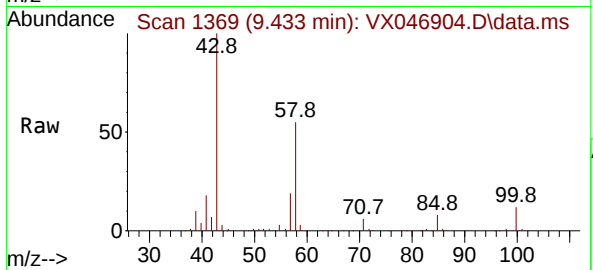
#59
2-Hexanone
Concen: 27.920 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 78100
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.3

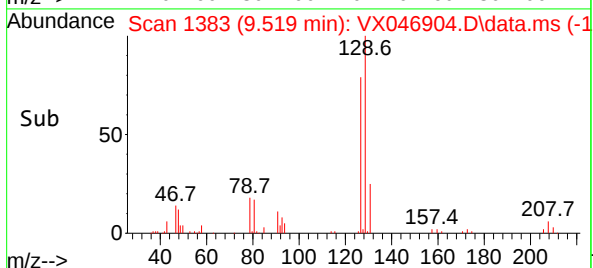
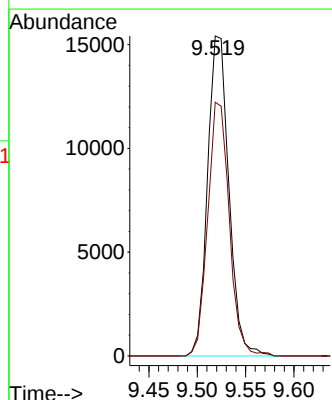
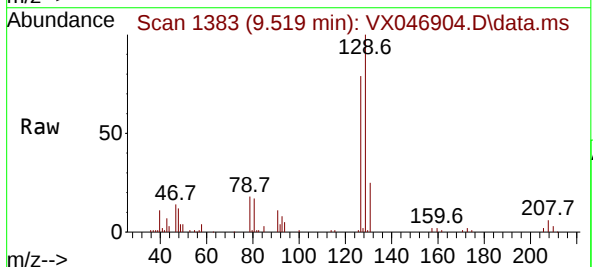
Manual Integrations
APPROVED

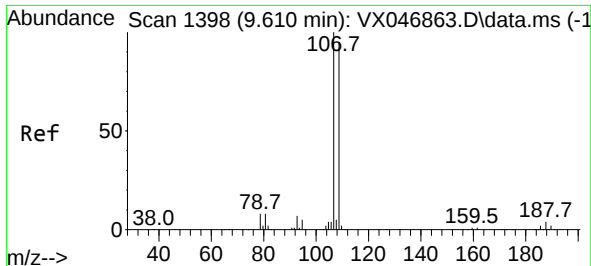
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#60
Dibromochloromethane
Concen: 5.156 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

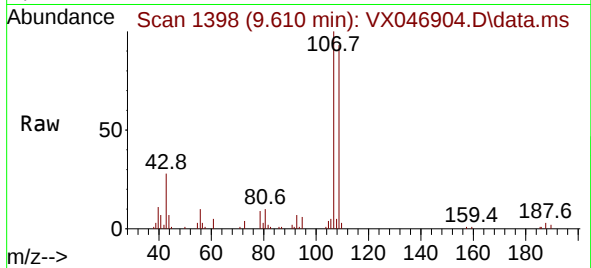
Tgt Ion:129 Resp: 23597
Ion Ratio Lower Upper
129 100
127 80.2 39.1 117.5





#61
1,2-Dibromoethane
Concen: 5.461 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

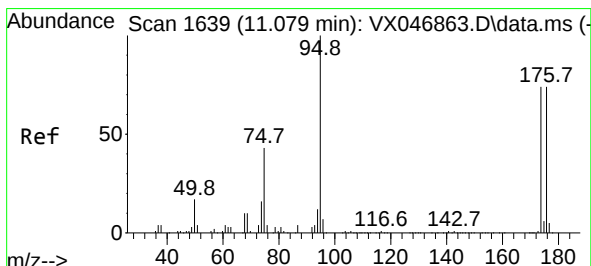
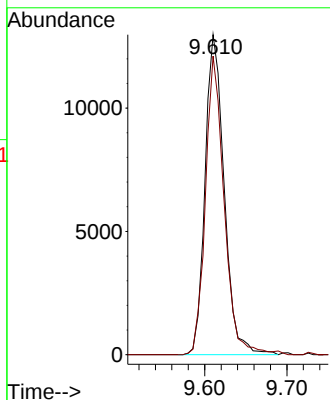
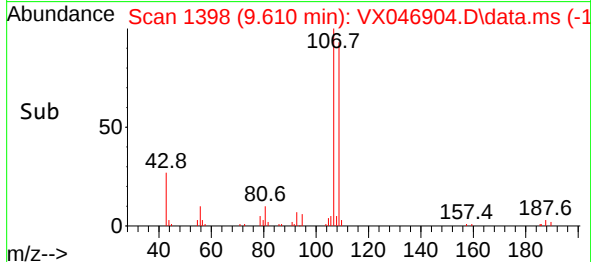
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



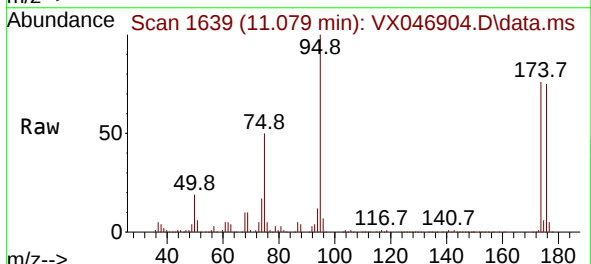
Tgt Ion:107 Resp: 2097
Ion Ratio Lower Upper
107 100
109 91.5 75.4 113.2

Manual Integrations
APPROVED

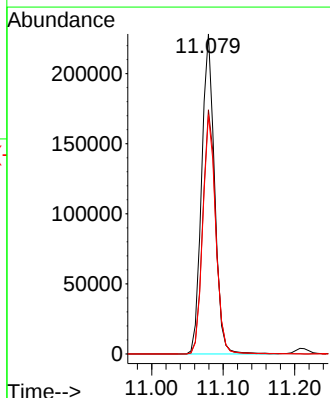
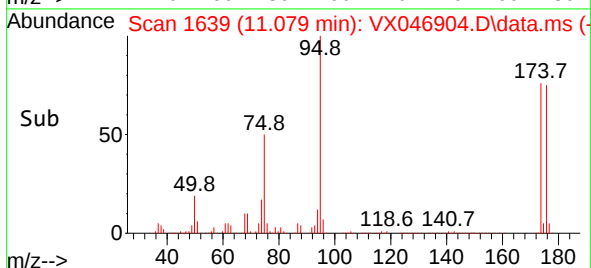
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

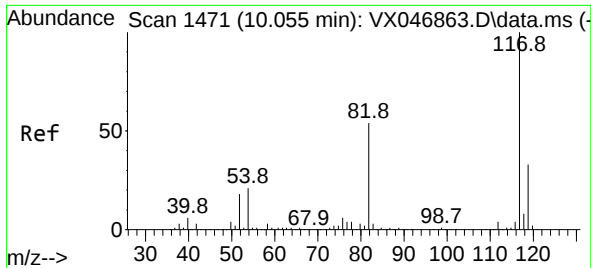


#62
4-Bromofluorobenzene
Concen: 52.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48



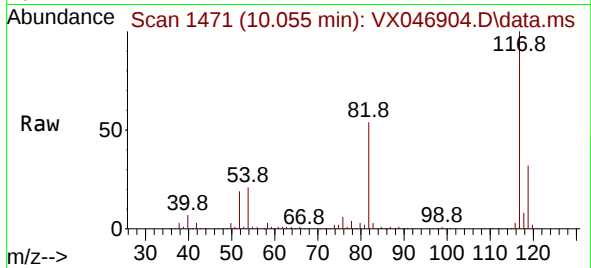
Tgt Ion: 95 Resp: 286489
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.0
176 74.6 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

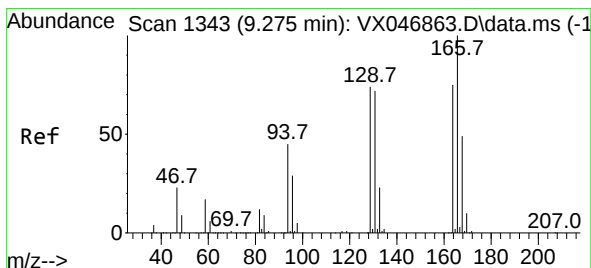
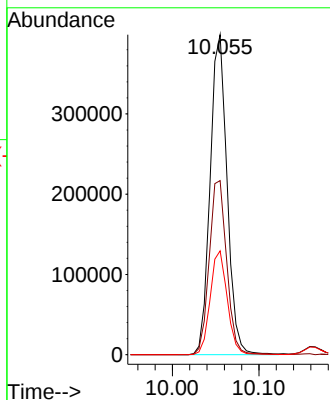
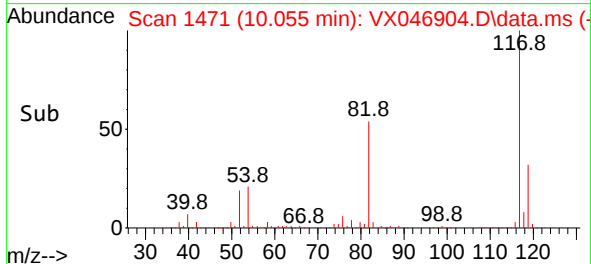
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:117 Resp: 54299
Ion Ratio Lower Upper
117 100
82 54.4 43.3 64.9
119 32.4 26.4 39.6

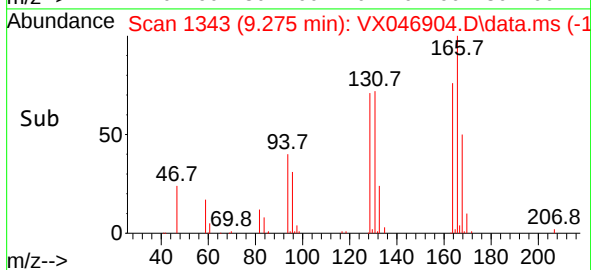
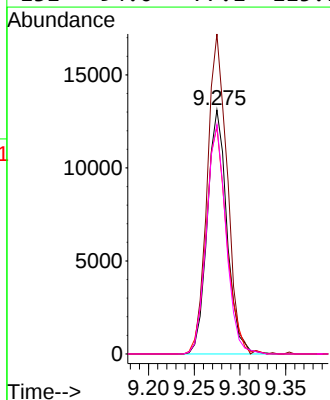
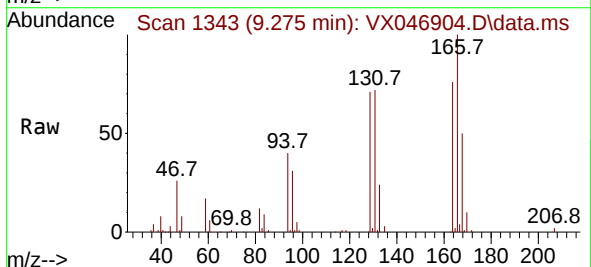
Manual Integrations
APPROVED

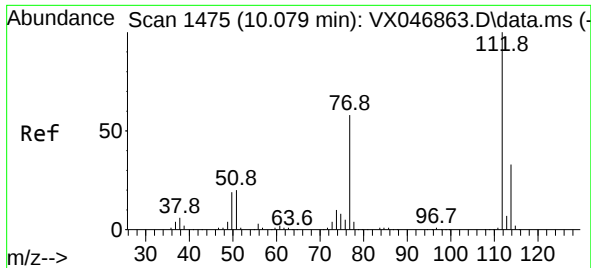
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#64
Tetrachloroethene
Concen: 5.430 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion:164 Resp: 19632
Ion Ratio Lower Upper
164 100
166 131.1 107.0 160.6
129 93.1 79.7 119.5
131 94.0 77.1 115.7





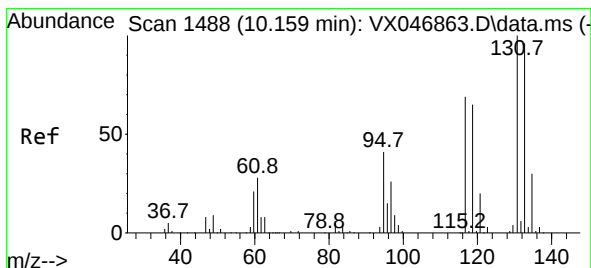
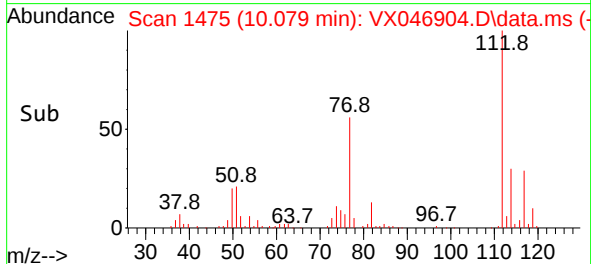
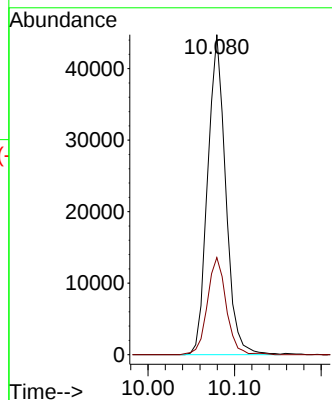
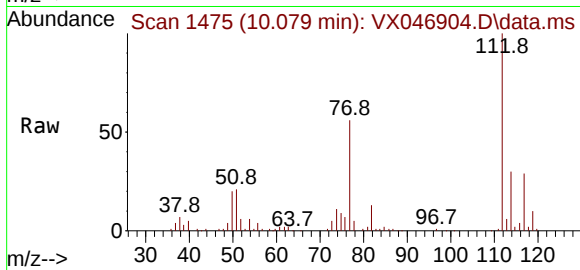
#65
Chlorobenzene
Concen: 5.508 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion:112 Resp: 64662
Ion Ratio Lower Upper
112 100
114 30.4 26.3 39.5

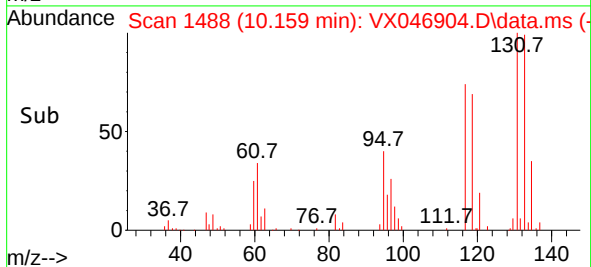
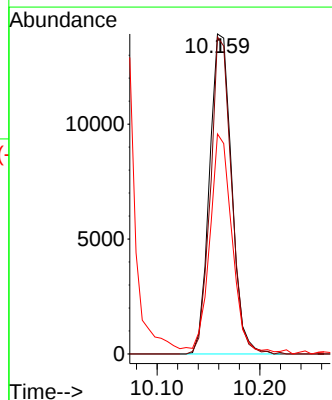
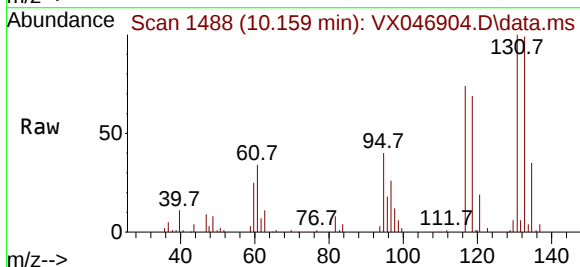
Manual Integrations
APPROVED

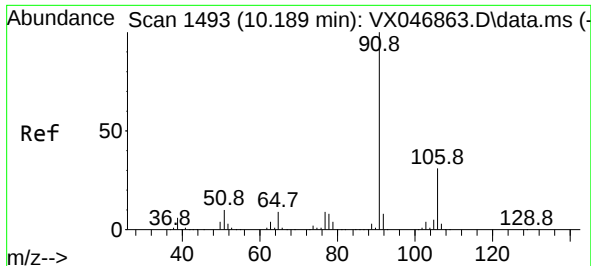
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.287 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

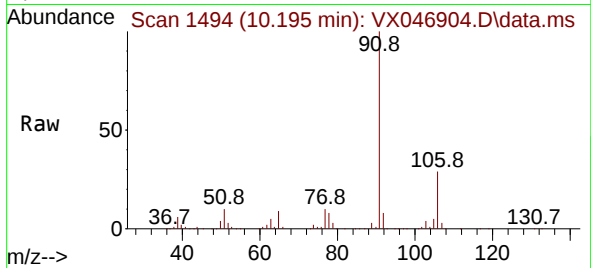
Tgt Ion:131 Resp: 20866
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 68.8 32.4 97.2





#67
Ethyl Benzene
Concen: 5.382 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

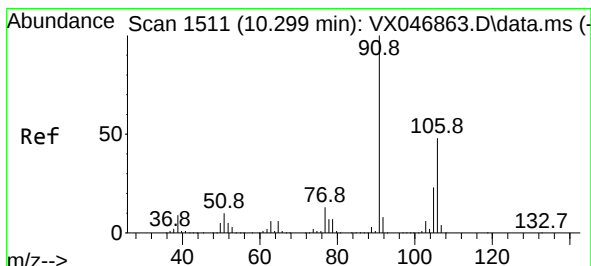
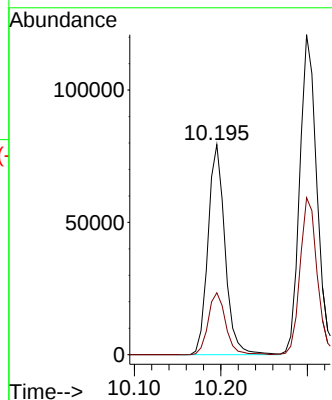
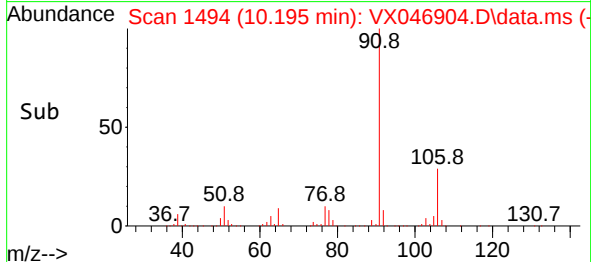
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 91 Resp: 108205
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6

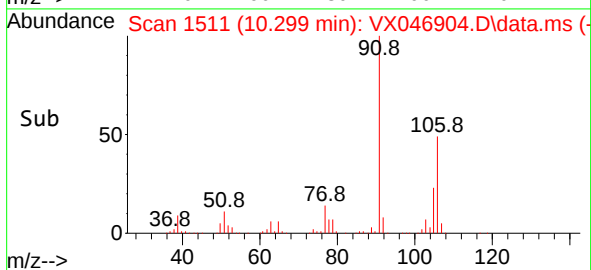
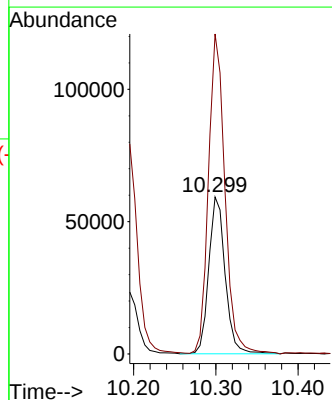
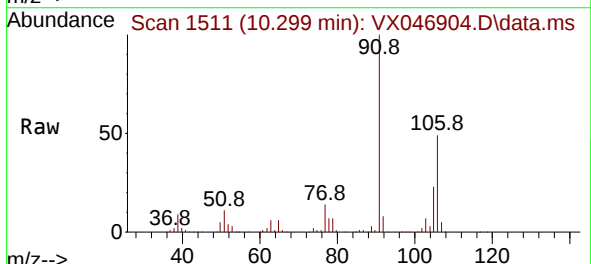
Manual Integrations
APPROVED

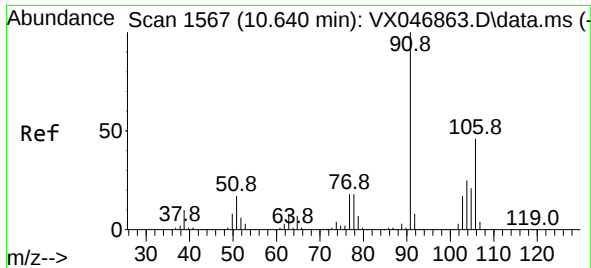
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#68
m/p-Xylenes
Concen: 10.850 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion:106 Resp: 82197
Ion Ratio Lower Upper
106 100
91 205.4 164.6 246.8





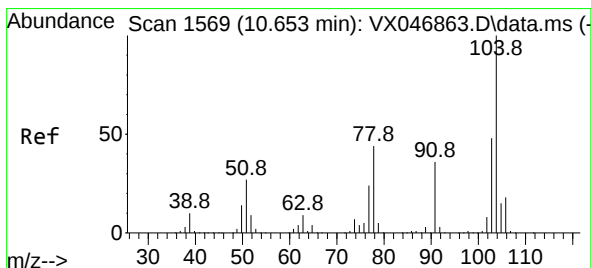
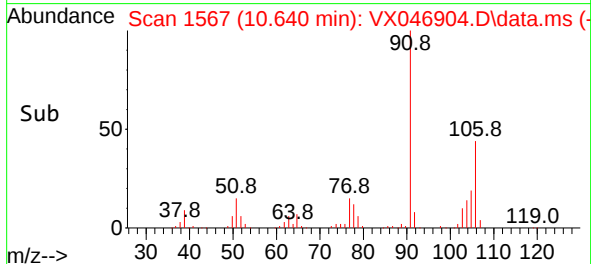
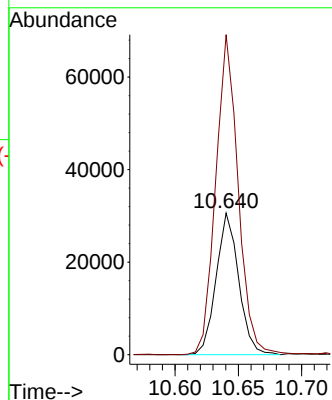
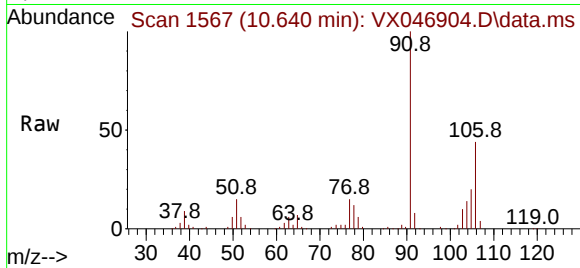
#69
o-Xylene
Concen: 5.187 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion:106 Resp: 3795
Ion Ratio Lower Upper
106 100
91 224.8 109.5 328.5

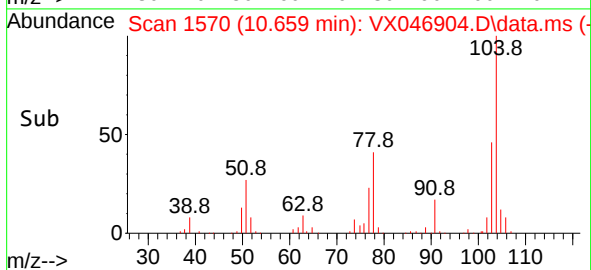
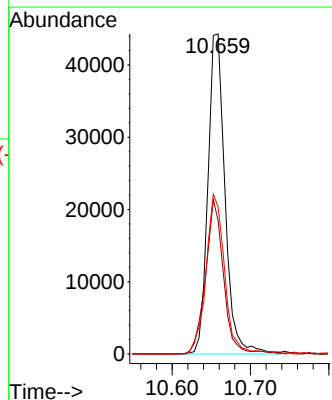
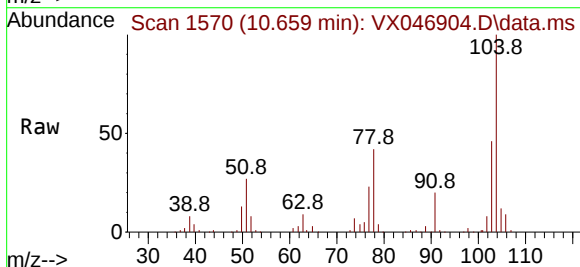
Manual Integrations
APPROVED

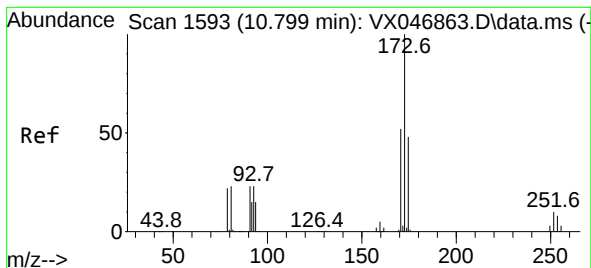
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#70
Styrene
Concen: 5.366 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion:104 Resp: 67185
Ion Ratio Lower Upper
104 100
78 50.7 40.3 60.5
103 54.5 42.8 64.2





#71

Bromoform

Concen: 5.041 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2025

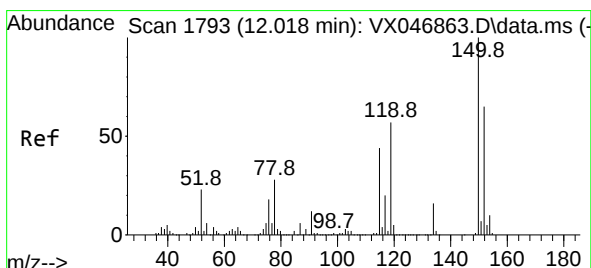
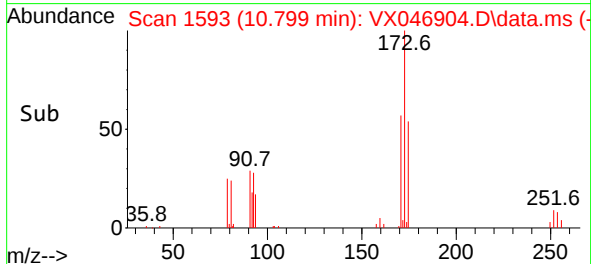
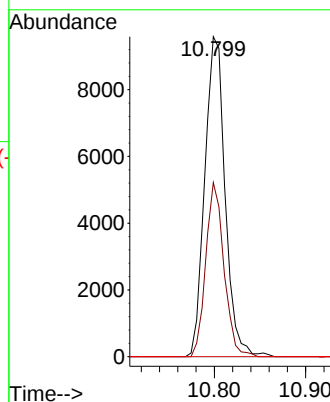
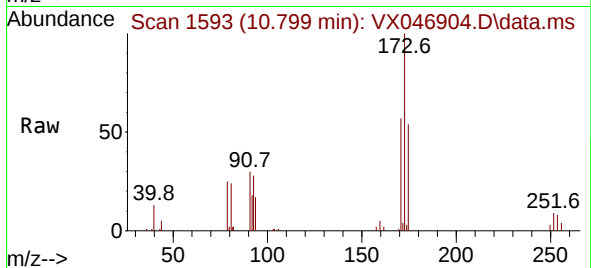
Tgt Ion:	173	Resp:	1479
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.8	71.5
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

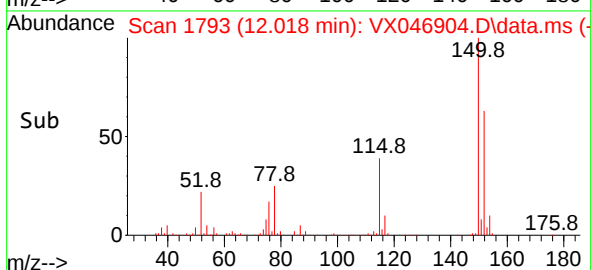
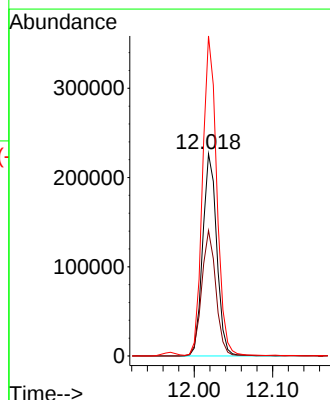
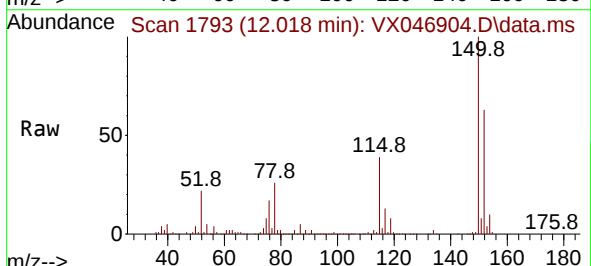
RT: 12.018 min Scan# 1793

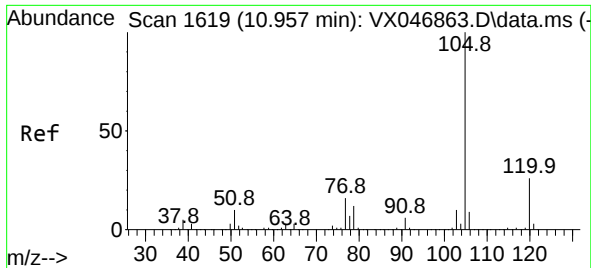
Delta R.T. -0.000 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

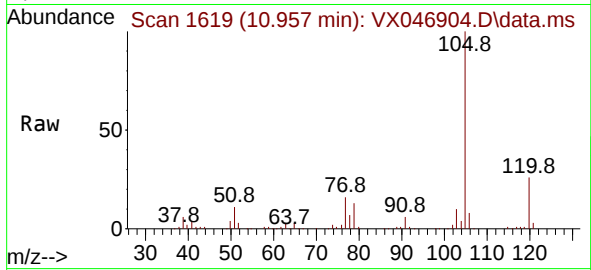
Tgt Ion:	152	Resp:	283096
Ion Ratio	Lower	Upper	
152	100		
115	62.6	42.4	127.1
150	158.5	0.0	349.2





#73
Isopropylbenzene
Concen: 5.302 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

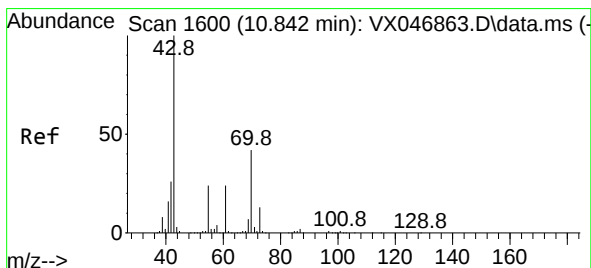
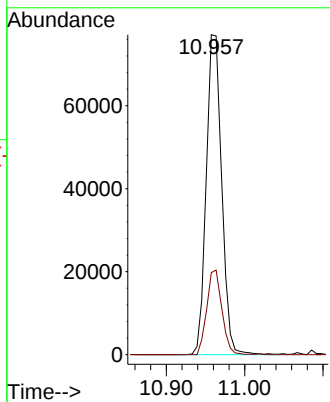
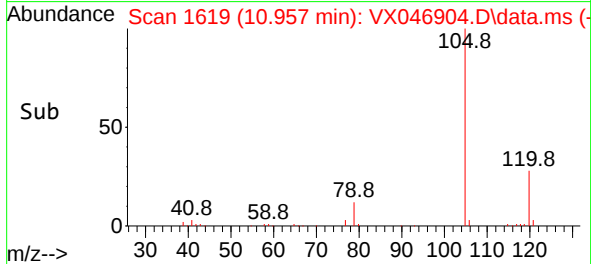
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:105 Resp: 105518
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5

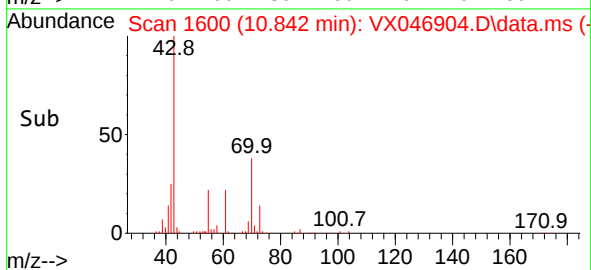
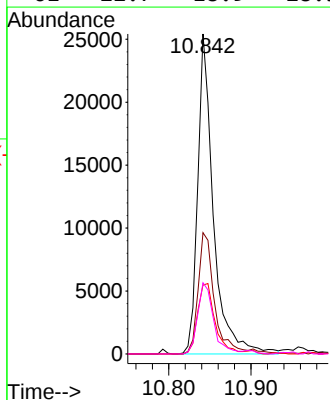
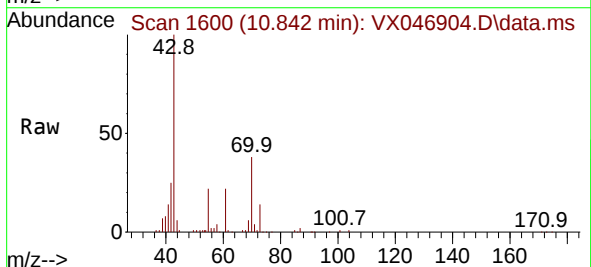
Manual Integrations
APPROVED

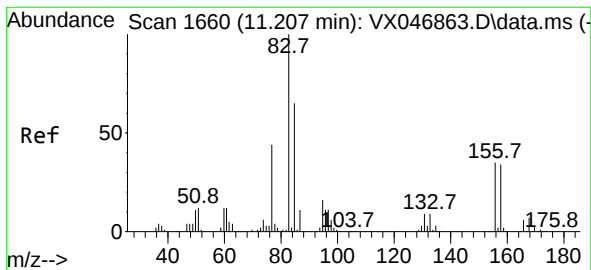
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#74
N-ethyl acetate
Concen: 4.993 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

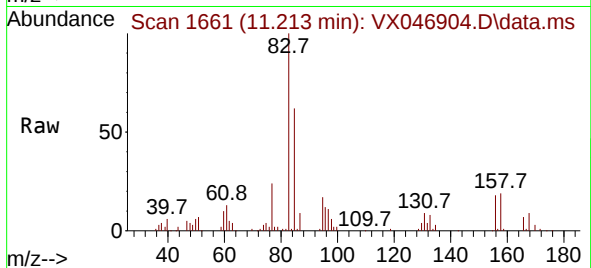
Tgt Ion: 43 Resp: 33766
Ion Ratio Lower Upper
43 100
70 40.4 33.4 50.2
55 24.5 19.6 29.4
61 22.7 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 5.369 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

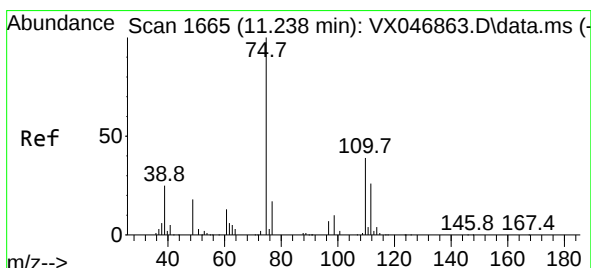
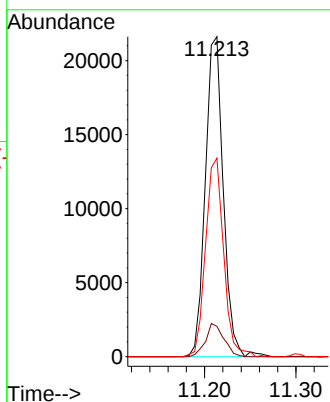
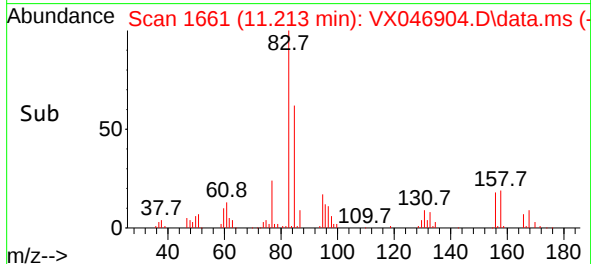
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 83 Resp: 2938
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 62.7 32.1 96.5

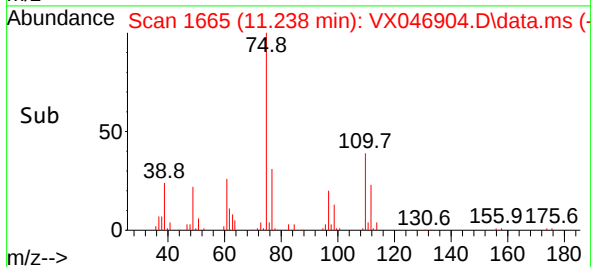
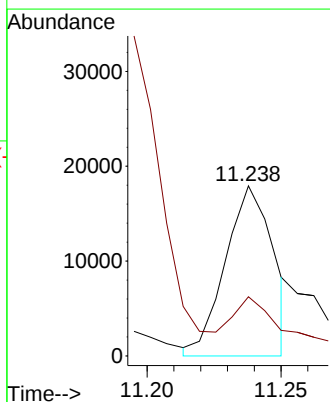
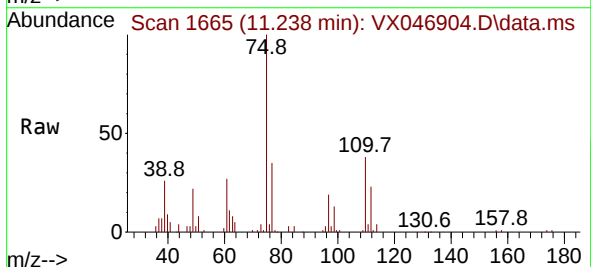
Manual Integrations
APPROVED

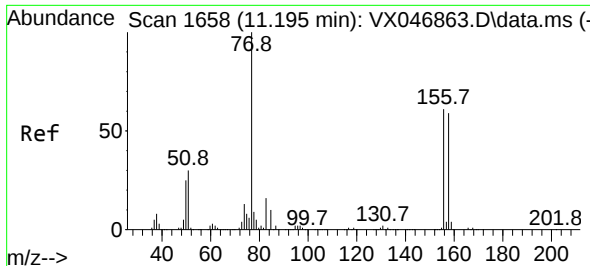
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#76
1,2,3-Trichloropropane
Concen: 5.115 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

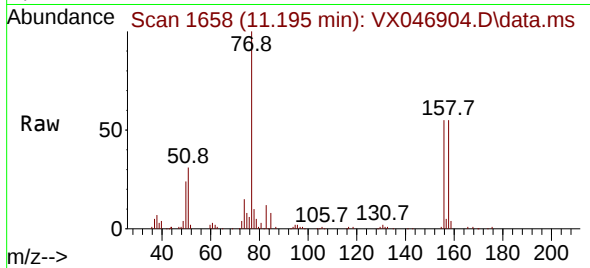
Tgt Ion: 75 Resp: 22376
Ion Ratio Lower Upper
75 100
77 40.8 20.6 61.8





#77
Bromobenzene
Concen: 5.181 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

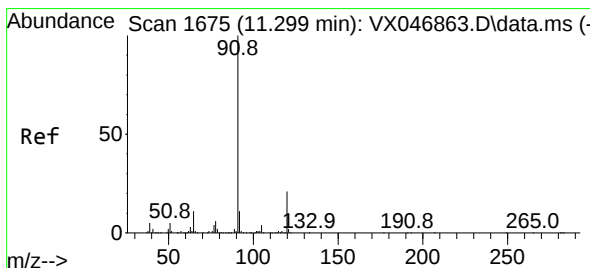
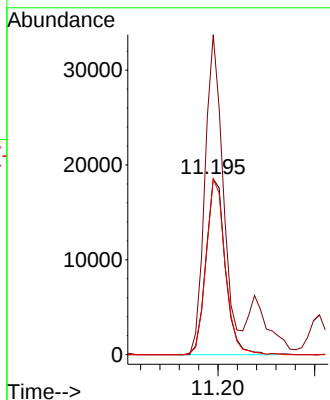
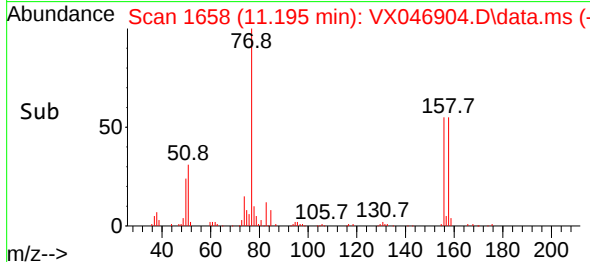
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



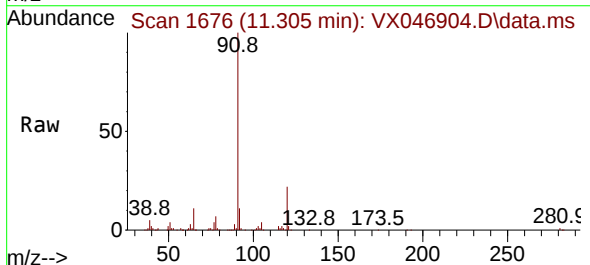
Tgt Ion:156 Resp: 2568
Ion Ratio Lower Upper
156 100
77 173.2 82.3 247.0
158 98.8 47.5 142.6

Manual Integrations
APPROVED

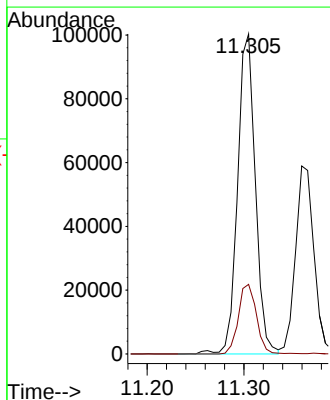
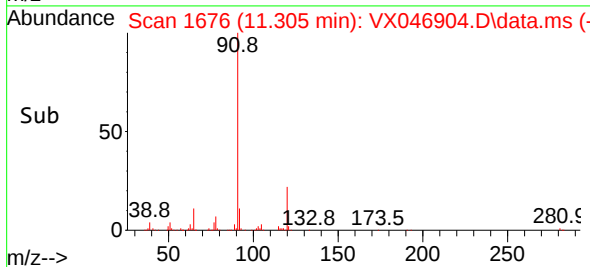
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

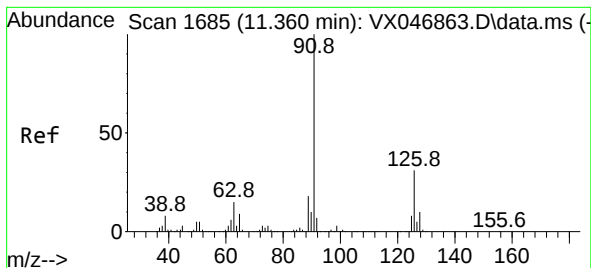


#78
n-propylbenzene
Concen: 5.343 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48



Tgt Ion: 91 Resp: 128211
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5





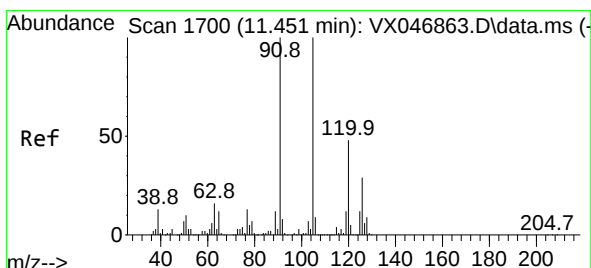
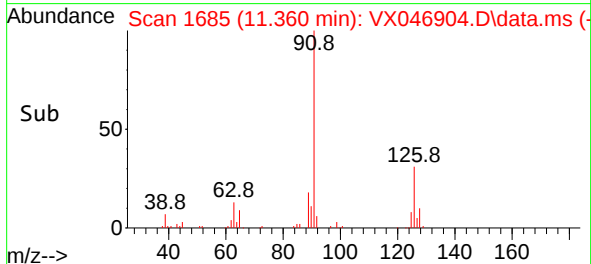
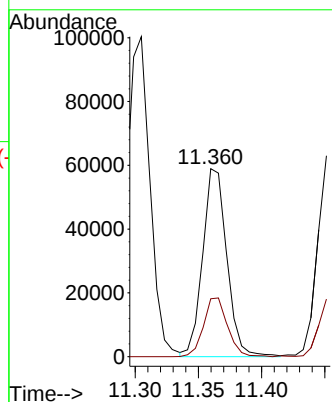
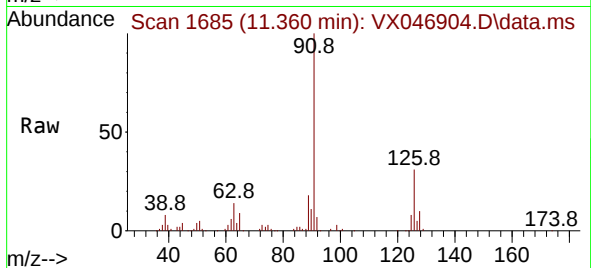
#79
2-Chlorotoluene
Concen: 5.550 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 91 Resp: 7863
Ion Ratio Lower Upper
91 100
126 31.0 16.6 49.8

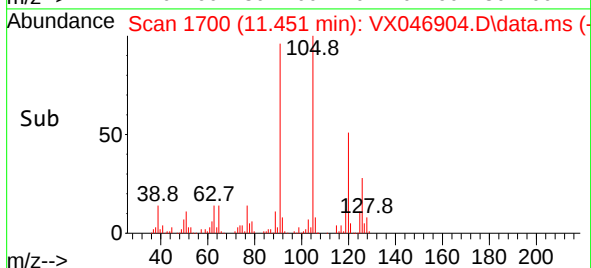
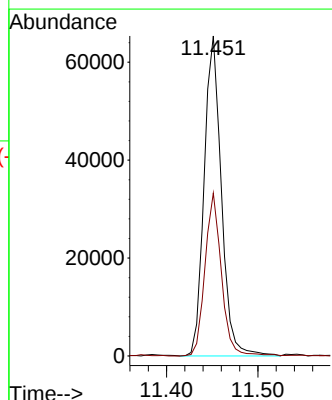
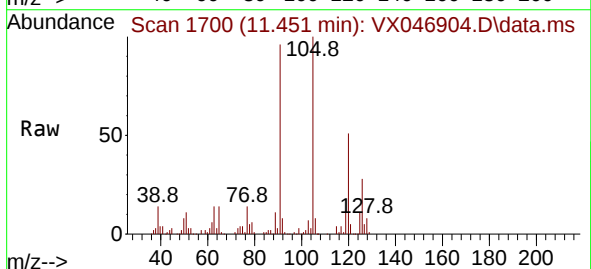
Manual Integrations
APPROVED

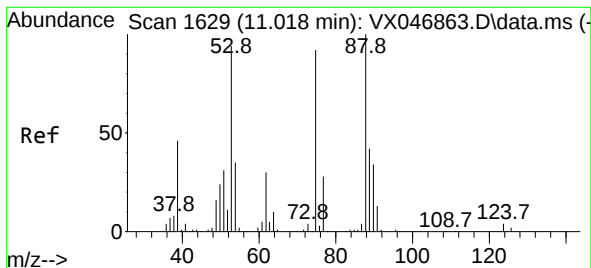
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

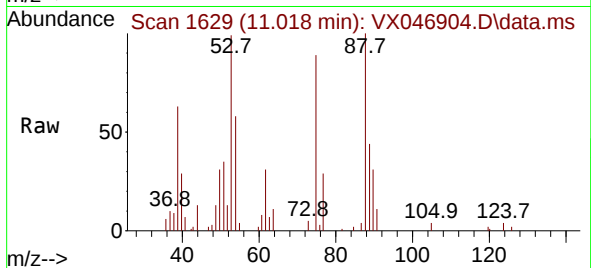
Tgt Ion:105 Resp: 85594
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.207 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

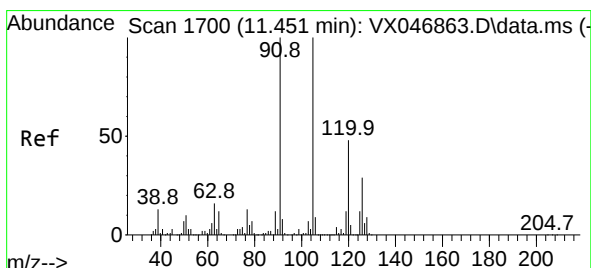
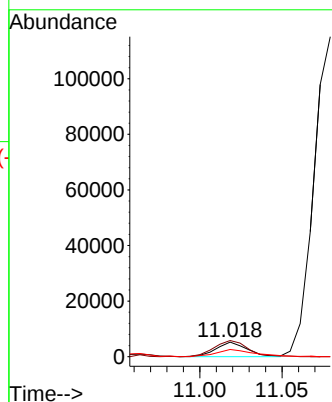
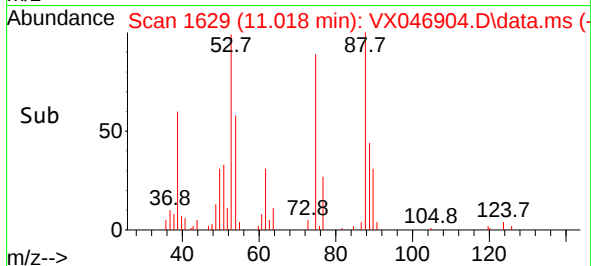
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 75 Resp: 685
Ion Ratio Lower Upper
75 100
53 121.8 83.7 125.5
89 61.3 38.2 57.2

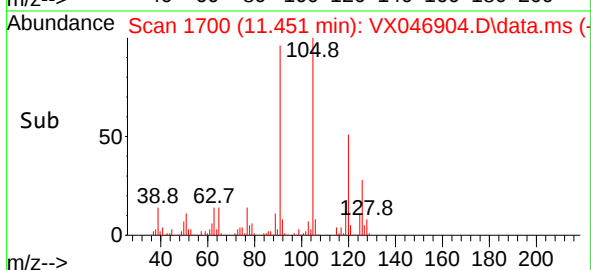
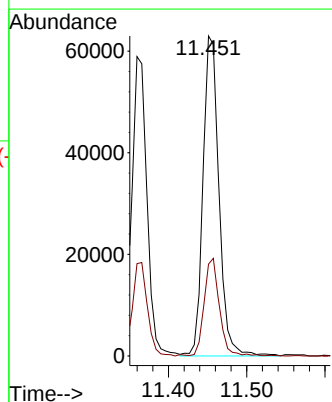
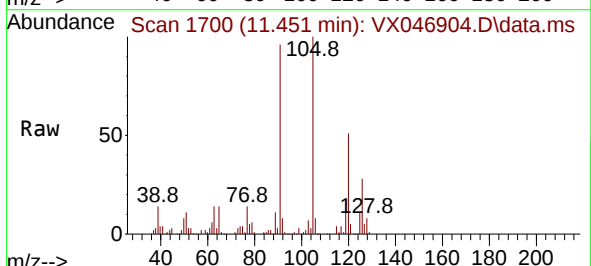
Manual Integrations
APPROVED

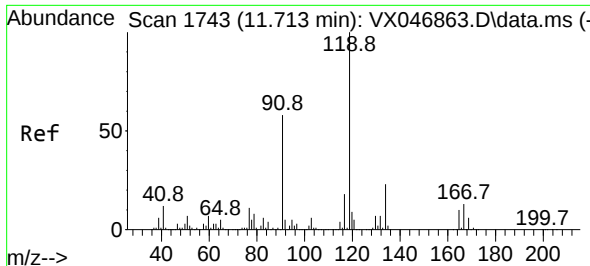
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#82
4-Chlorotoluene
Concen: 5.460 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

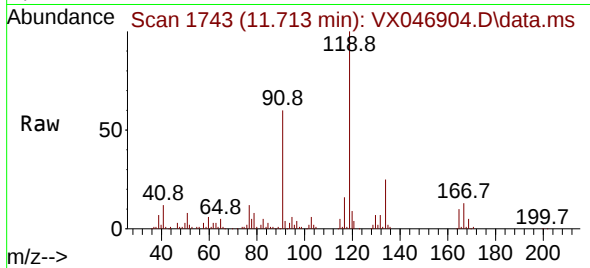
Tgt Ion: 91 Resp: 89274
Ion Ratio Lower Upper
91 100
126 29.2 14.6 44.0





#83
tert-Butylbenzene
Concen: 5.229 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

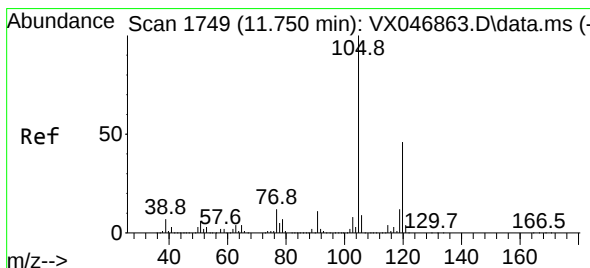
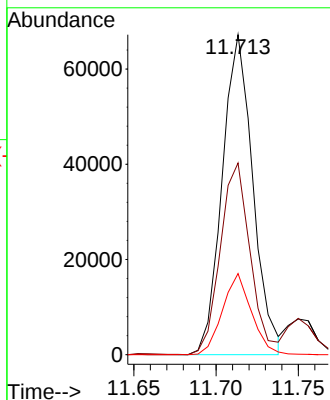
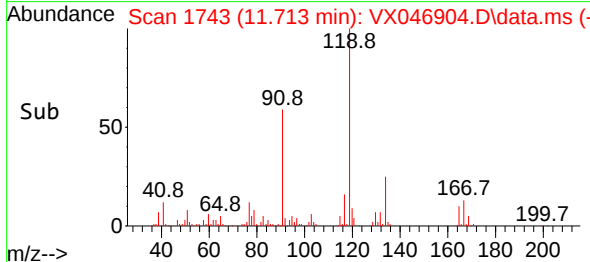
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



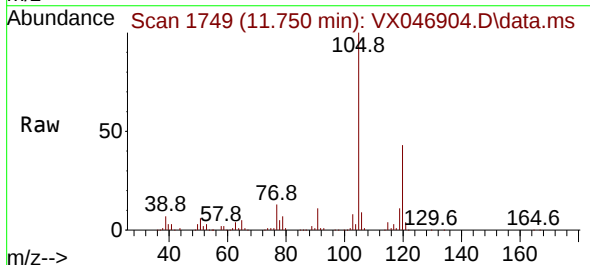
Tgt Ion:119 Resp: 87330
Ion Ratio Lower Upper
119 100
91 58.4 28.7 86.3
134 24.0 11.4 34.2

Manual Integrations
APPROVED

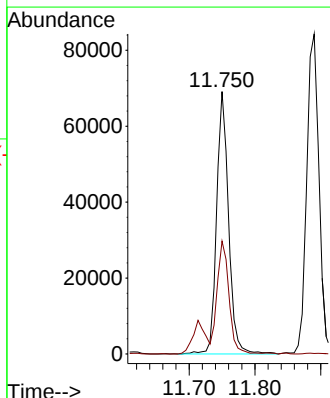
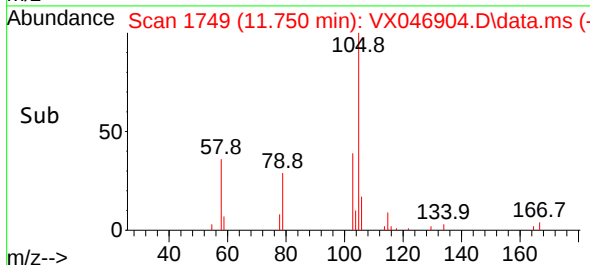
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

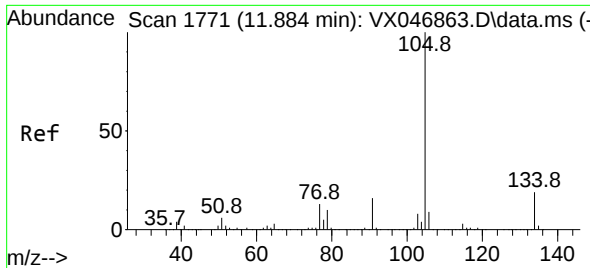


#84
1,2,4-Trimethylbenzene
Concen: 5.356 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48



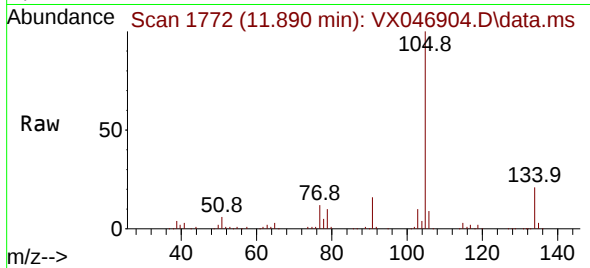
Tgt Ion:105 Resp: 87536
Ion Ratio Lower Upper
105 100
120 42.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 5.203 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046904.D
 Acq: 07 Jul 2025 13:48

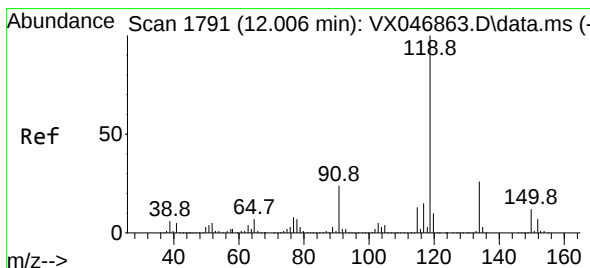
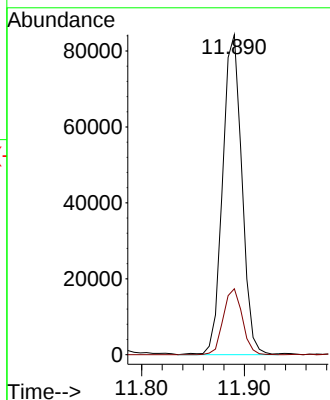
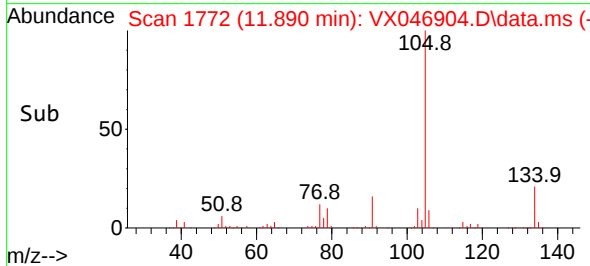
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



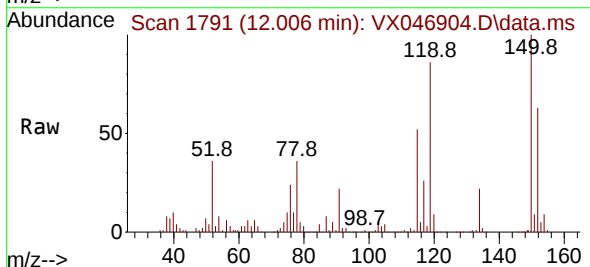
Tgt Ion:105 Resp: 109560
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7

Manual Integrations
 APPROVED

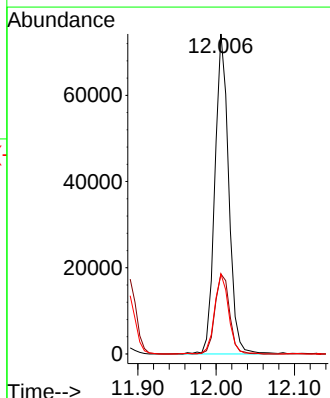
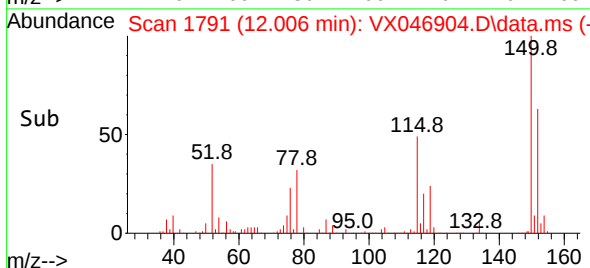
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025

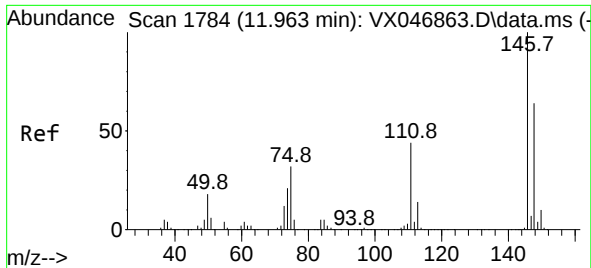


#86
 p-Isopropyltoluene
 Concen: 5.166 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046904.D
 Acq: 07 Jul 2025 13:48



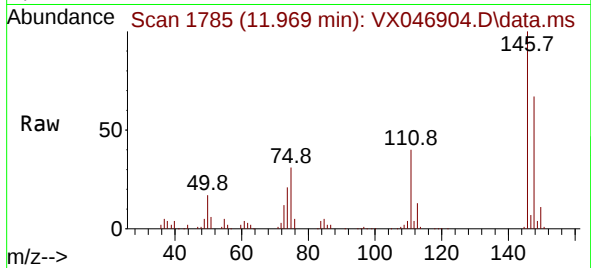
Tgt Ion:119 Resp: 91088
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 25.4 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 5.374 ug/l
RT: 11.969 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

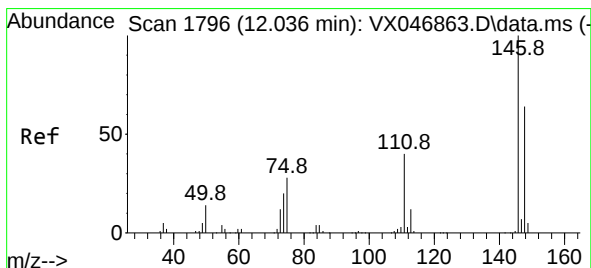
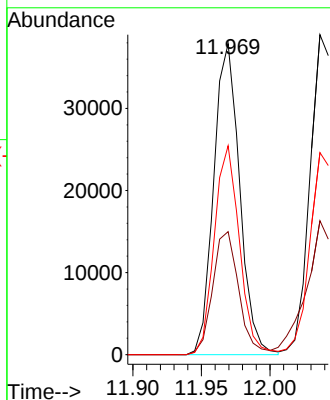
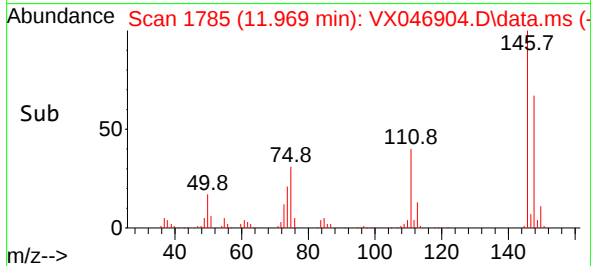
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:146 Resp: 4982
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.6
148 65.3 31.4 94.2

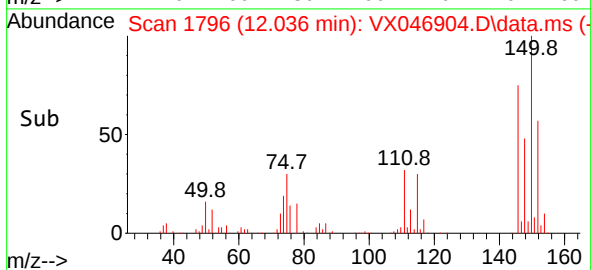
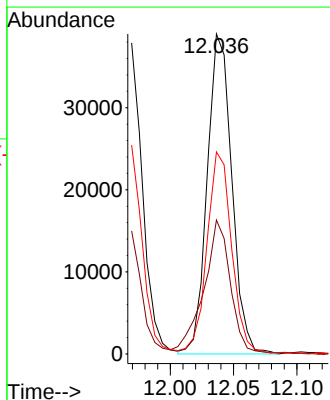
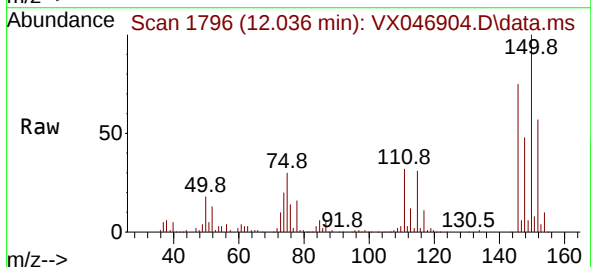
Manual Integrations
APPROVED

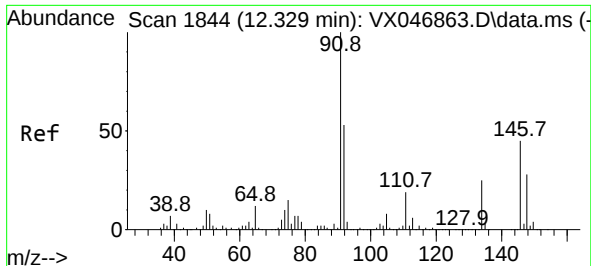
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#88
1,4-Dichlorobenzene
Concen: 5.464 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion:146 Resp: 52717
Ion Ratio Lower Upper
146 100
111 46.0 20.2 60.5
148 64.0 32.4 97.0





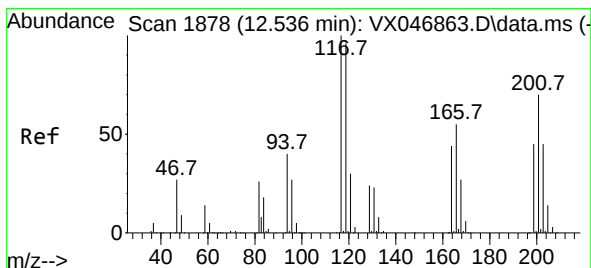
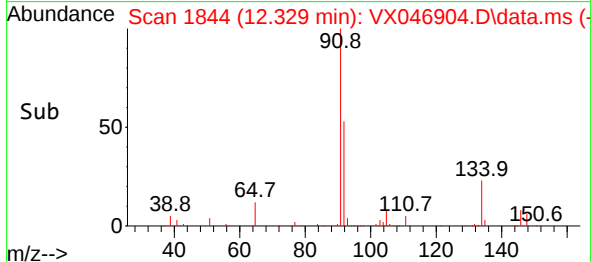
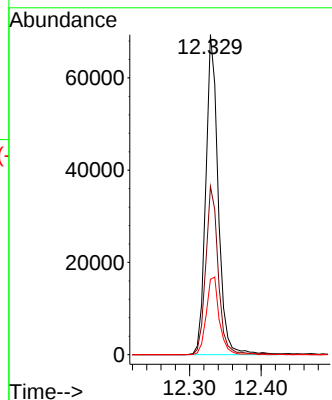
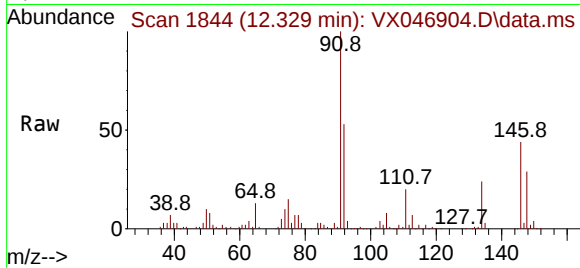
#89
n-Butylbenzene
Concen: 5.061 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 91 Resp: 8385
Ion Ratio Lower Upper
91 100
92 52.9 27.0 81.0
134 25.3 12.8 38.4

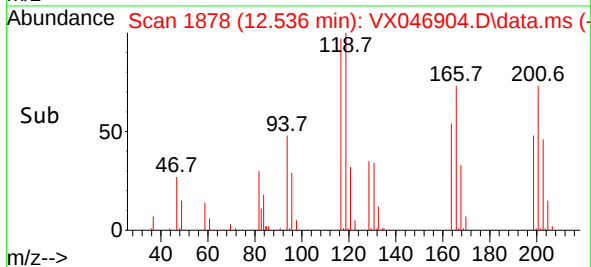
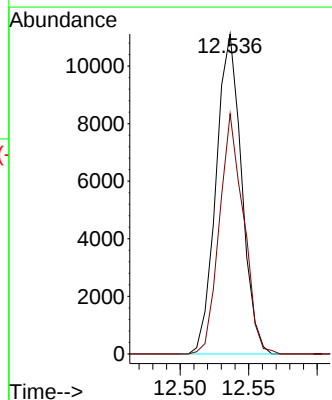
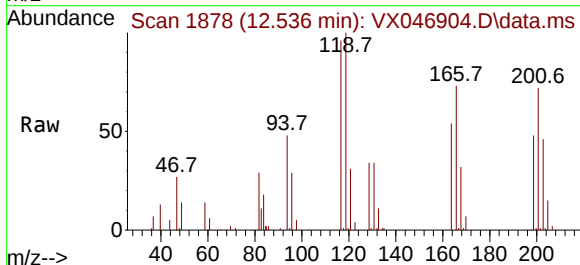
Manual Integrations
APPROVED

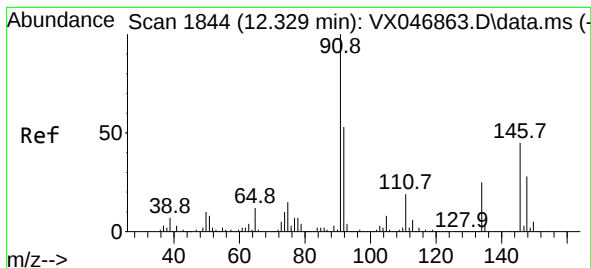
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#90
Hexachloroethane
Concen: 4.602 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

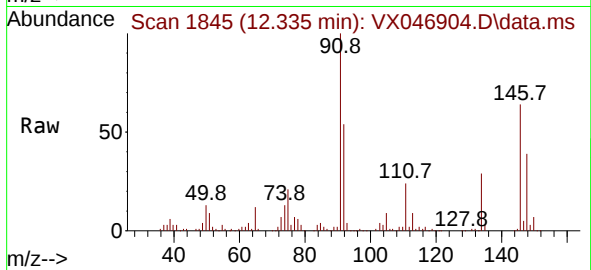
Tgt Ion:117 Resp: 14385
Ion Ratio Lower Upper
117 100
201 71.1 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 5.300 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

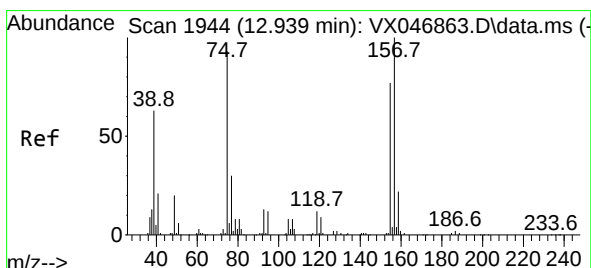
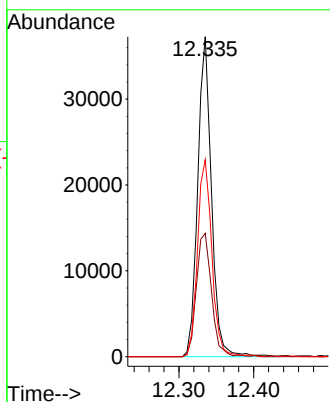
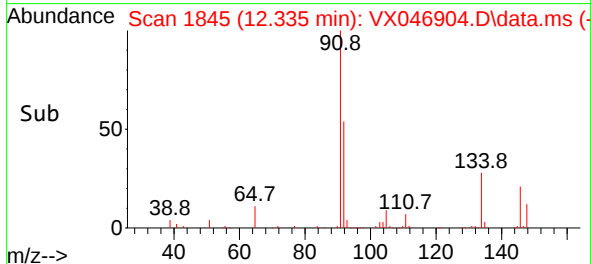
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:146 Resp: 4761
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.1
148 64.3 31.6 95.0

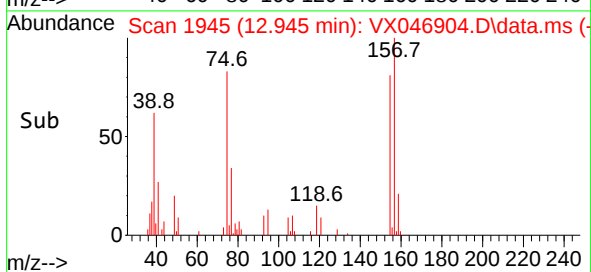
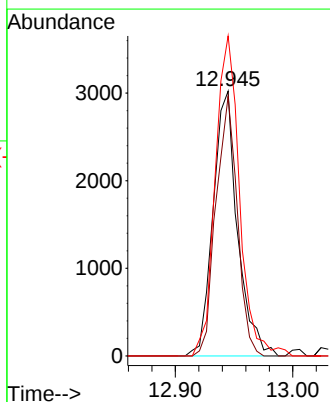
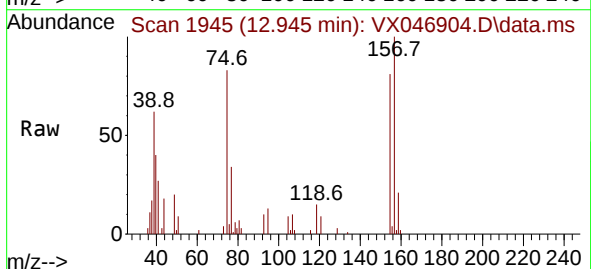
Manual Integrations
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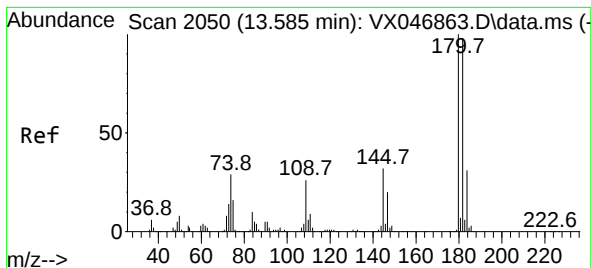
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.560 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

Tgt Ion: 75 Resp: 4364
Ion Ratio Lower Upper
75 100
155 85.5 43.1 129.4
157 120.4 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 4.948 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2025

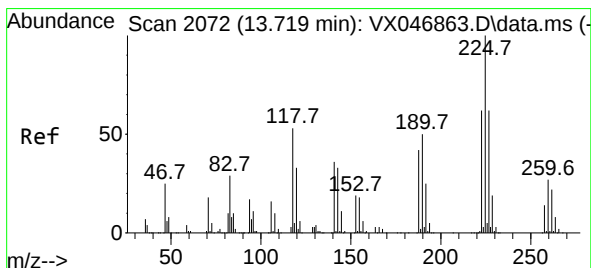
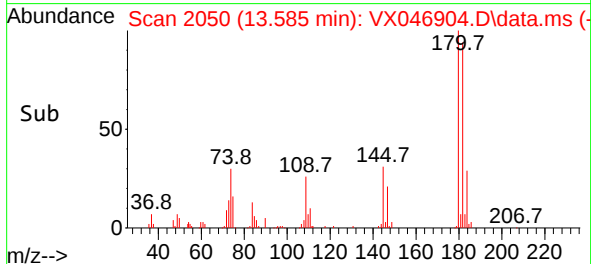
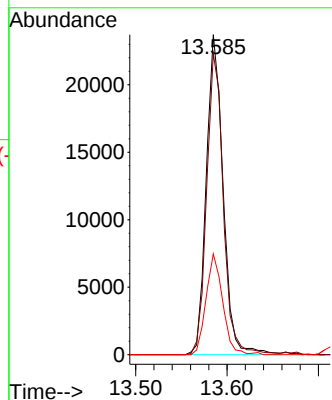
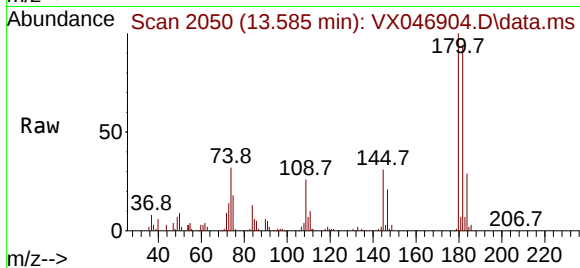
Tgt Ion:180	Resp:	30198
Ion Ratio	Lower	Upper
180	100	
182	93.5	47.3 141.9
145	31.3	16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#94

Hexachlorobutadiene

Concen: 5.039 ug/l

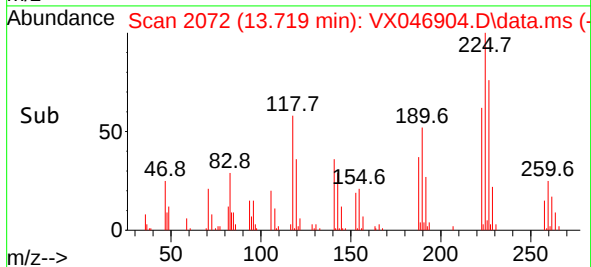
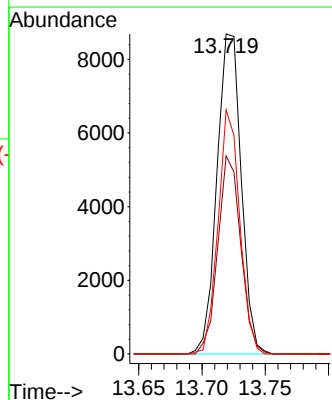
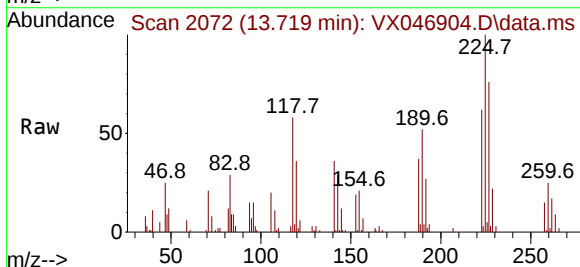
RT: 13.719 min Scan# 2072

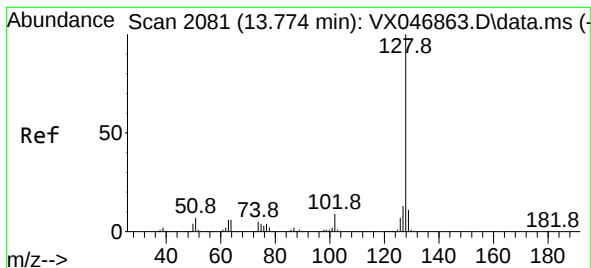
Delta R.T. -0.000 min

Lab File: VX046904.D

Acq: 07 Jul 2025 13:48

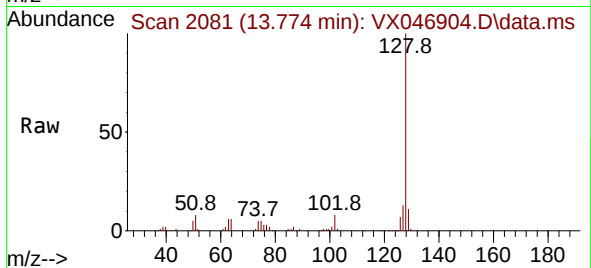
Tgt Ion:225	Resp:	11598
Ion Ratio	Lower	Upper
225	100	
223	58.4	31.6 94.7
227	68.1	31.6 94.7





#95
Naphthalene
Concen: 4.949 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48

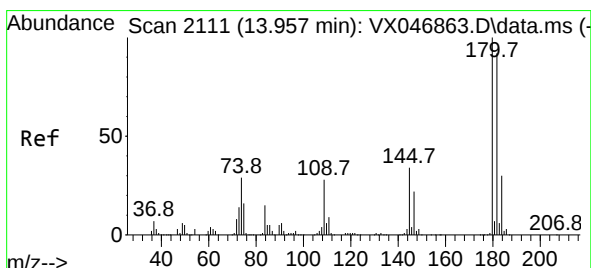
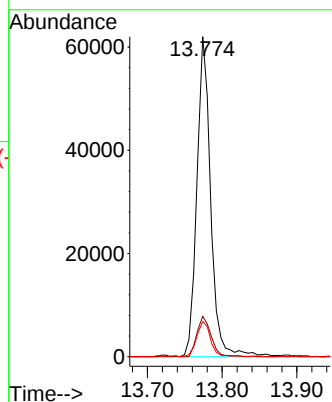
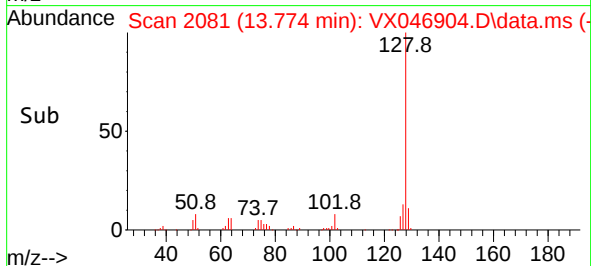
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2025



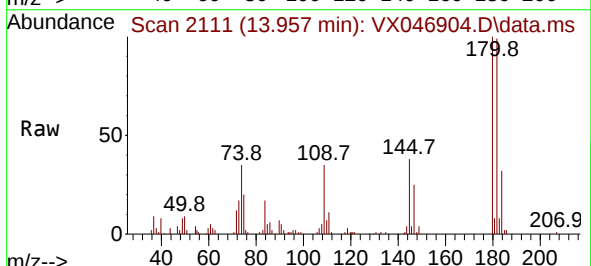
Tgt Ion:128 Resp: 7959
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.802 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046904.D
Acq: 07 Jul 2025 13:48



Tgt Ion:180 Resp: 27693
Ion Ratio Lower Upper
180 100
182 96.5 46.7 140.1
145 34.2 16.8 50.3

