

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046901.D
 Acq On : 07 Jul 2025 12:46
 Operator : JC/MD
 Sample : Q2126-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 08 04:51:11 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	5.562	168	366180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	604885	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	548713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	283862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236839	48.958	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.920%		
35) Dibromofluoromethane	5.397	113	196008	47.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.480%		
50) Toluene-d8	8.647	98	698224	48.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.400%		
62) 4-Bromofluorobenzene	11.079	95	271838	49.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	7901	2.256	ug/l	91
3) Chloromethane	1.307	50	9623	2.515	ug/l	98
4) Vinyl Chloride	1.386	62	10202	2.449	ug/l	100
5) Bromomethane	1.624	94	7781	2.906	ug/l #	74
6) Chloroethane	1.703	64	6487	2.358	ug/l	94
7) Trichlorofluoromethane	1.904	101	15225	2.363	ug/l	99
8) Diethyl Ether	2.148	74	5576	2.432	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	10332	2.517	ug/l	93
10) Methyl Iodide	2.471	142	9604	2.147	ug/l	94
11) Tert butyl alcohol	2.959	59	3874	12.210	ug/l #	92
12) 1,1-Dichloroethene	2.337	96	9957	2.508	ug/l	98
13) Acrolein	2.252	56	6035	15.929	ug/l	96
14) Allyl chloride	2.678	41	16600	2.348	ug/l	98
15) Acrylonitrile	3.081	53	22743	12.398	ug/l	97
16) Acetone	2.392	43	19734	13.133	ug/l	97
17) Carbon Disulfide	2.526	76	25753	2.473	ug/l	98
18) Methyl Acetate	2.721	43	8836	2.231	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	27755	2.475	ug/l	94
20) Methylene Chloride	2.800	84	12806	2.882	ug/l	88
21) trans-1,2-Dichloroethene	3.111	96	10256	2.524	ug/l	93
22) Diisopropyl ether	3.770	45	34308	2.512	ug/l #	52
23) Vinyl Acetate	3.739	43	122608	11.983	ug/l	97
24) 1,1-Dichloroethane	3.623	63	20007	2.569	ug/l	96
25) 2-Butanone	4.593	43	24918	12.429	ug/l	99
26) 2,2-Dichloropropane	4.489	77	13875	2.394	ug/l	98
27) cis-1,2-Dichloroethene	4.513	96	12968	2.614	ug/l	97
28) Bromochloromethane	4.916	49	9679	2.518	ug/l	86
29) Tetrahydrofuran	5.026	42	16778	13.128	ug/l #	82
30) Chloroform	5.117	83	20888	2.625	ug/l	95
31) Cyclohexane	5.489	56	16881	2.441	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	16405	2.468	ug/l	98
36) 1,1-Dichloropropene	5.702	75	12799	2.310	ug/l	91
37) Ethyl Acetate	4.745	43	9810	2.079	ug/l #	96
38) Carbon Tetrachloride	5.690	117	14362	2.452	ug/l	97
39) Methylcyclohexane	7.385	83	17316	2.499	ug/l	98
40) Benzene	6.050	78	44445	2.652	ug/l	96

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	6420	2.551	ug/l #	87
42) 1,2-Dichloroethane	6.099	62	14872	2.614	ug/l	99
43) Isopropyl Acetate	6.355	43	17973	2.487	ug/l #	91
44) Trichloroethene	7.141	130	11356	2.604	ug/l	99
45) 1,2-Dichloropropane	7.440	63	10563	2.495	ug/l	96
46) Dibromomethane	7.598	93	7627	2.600	ug/l	96
47) Bromodichloromethane	7.830	83	15444	2.466	ug/l	96
48) Methyl methacrylate	7.714	41	9230	2.473	ug/l	90
49) 1,4-Dioxane	7.678	88	1798	41.583	ug/l #	55
51) 4-Methyl-2-Pentanone	8.574	43	52041	12.201	ug/l	99
52) Toluene	8.720	92	27096	2.610	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	13263	2.373	ug/l #	88
54) cis-1,3-Dichloropropene	8.379	75	14722	2.307	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	10301	2.663	ug/l #	77
56) Ethyl methacrylate	9.122	69	11634	2.173	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	17683	2.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	34053	11.290	ug/l	99
59) 2-Hexanone	9.433	43	36430	12.877	ug/l	94
60) Dibromochloromethane	9.525	129	11189	2.417	ug/l	98
61) 1,2-Dibromoethane	9.610	107	9880	2.544	ug/l	99
64) Tetrachloroethene	9.275	164	10091	2.762	ug/l #	84
65) Chlorobenzene	10.080	112	30947	2.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	9668	2.424	ug/l	97
67) Ethyl Benzene	10.195	91	51326	2.526	ug/l	99
68) m/p-Xylenes	10.299	106	39568	5.169	ug/l	97
69) o-Xylene	10.640	106	18150	2.454	ug/l	95
70) Styrene	10.659	104	30819	2.436	ug/l	98
71) Bromoform	10.799	173	7260	2.448	ug/l #	95
73) Isopropylbenzene	10.964	105	50032	2.507	ug/l	98
74) N-amyl acetate	10.842	43	15906	2.346	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	14460	2.635	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	10546m	2.404	ug/l	
77) Bromobenzene	11.201	156	12870	2.589	ug/l	98
78) n-propylbenzene	11.305	91	61822	2.569	ug/l	99
79) 2-Chlorotoluene	11.366	91	37733	2.656	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	40397	2.491	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3005m	1.839	ug/l	
82) 4-Chlorotoluene	11.451	91	43283	2.640	ug/l	98
83) tert-Butylbenzene	11.713	119	41291	2.466	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	40007	2.441	ug/l	98
85) sec-Butylbenzene	11.890	105	52940	2.507	ug/l	99
86) p-Isopropyltoluene	12.006	119	43784	2.476	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	24355	2.620	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	25762	2.663	ug/l	90
89) n-Butylbenzene	12.329	91	39504	2.378	ug/l	97
90) Hexachloroethane	12.536	117	7020	2.240	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	23051	2.559	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	2549	2.656	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	14271	2.332	ug/l	98
94) Hexachlorobutadiene	13.719	225	5542	2.401	ug/l	98
95) Naphthalene	13.774	128	37883	2.349	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	13181	2.280	ug/l	97

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QLast Update : Tue Jul 08 04:37:37 2025
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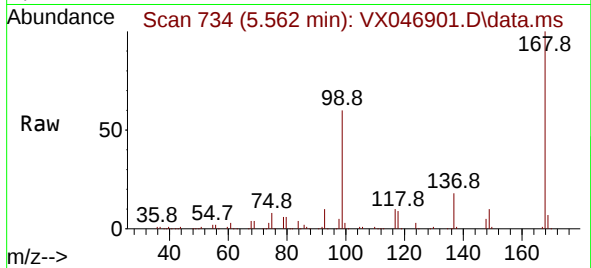
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

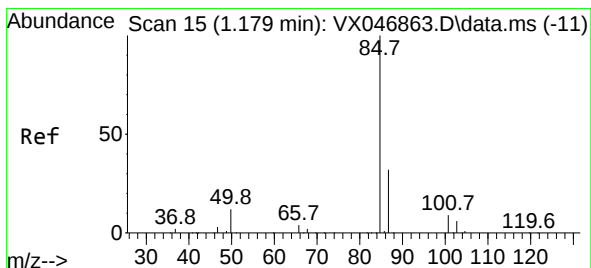
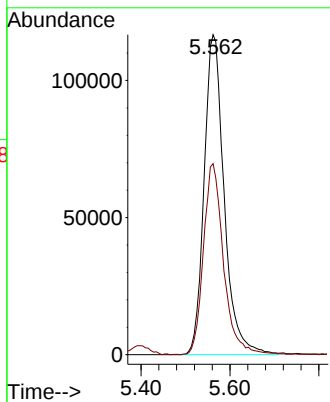
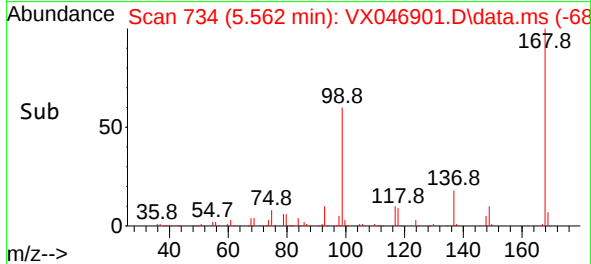
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:168 Resp: 366180
Ion Ratio Lower Upper
168 100
99 59.6 48.8 73.2

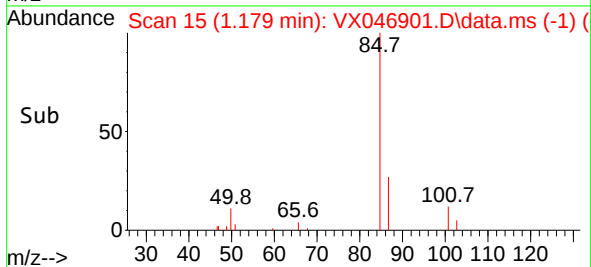
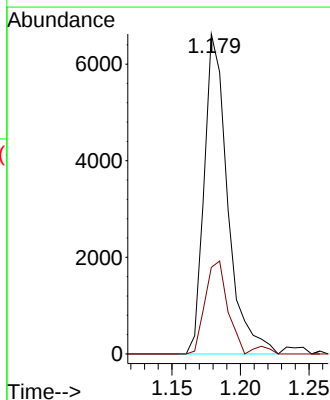
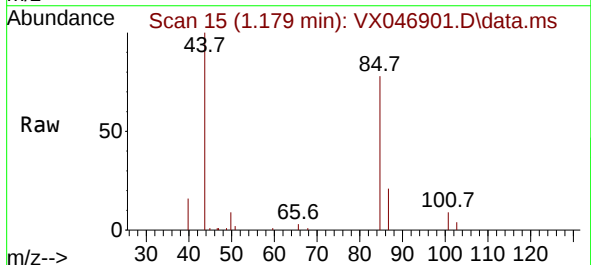
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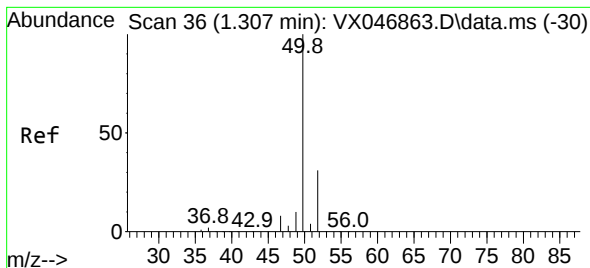
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#2
Dichlorodifluoromethane
Concen: 2.256 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

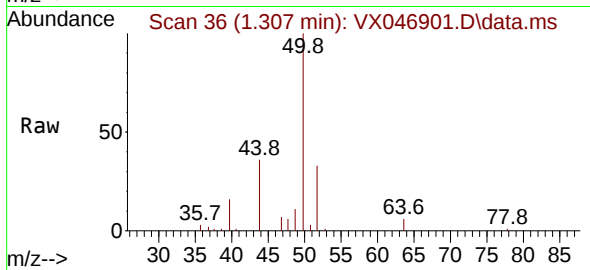
Tgt Ion: 85 Resp: 7901
Ion Ratio Lower Upper
85 100
87 27.0 16.0 47.9





#3
Chloromethane
Concen: 2.515 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

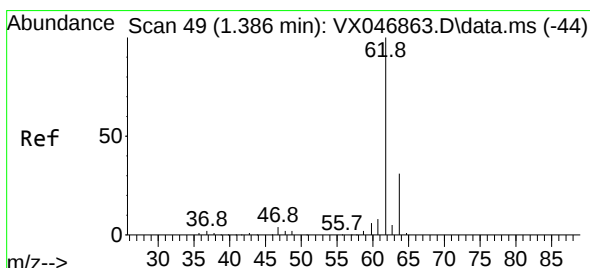
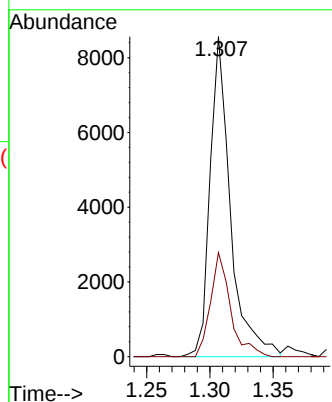
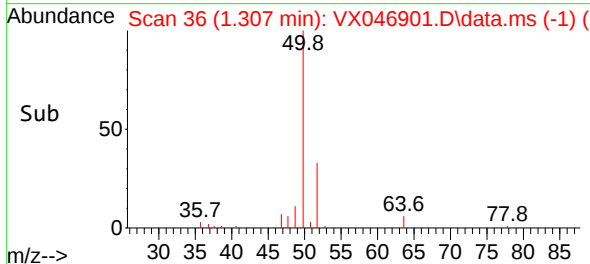
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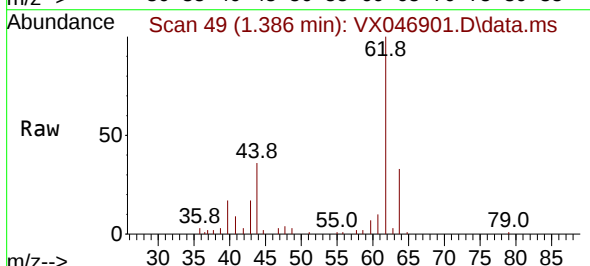
Tgt Ion: 50 Resp: 962
Ion Ratio Lower Upper
50 100
52 32.5 25.0 37.4

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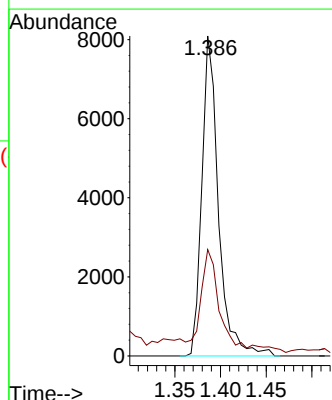
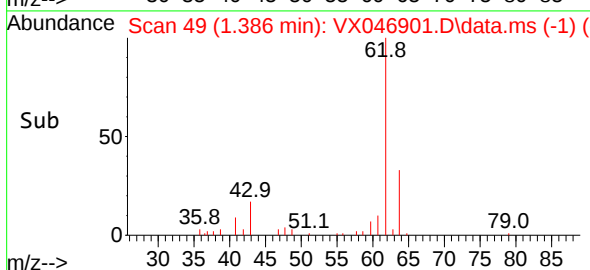
Reviewed By :John Carlone 07/08/2025
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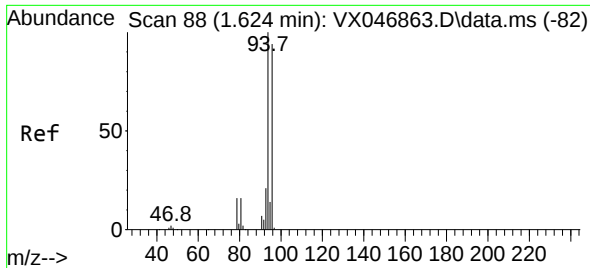


#4
Vinyl Chloride
Concen: 2.449 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46



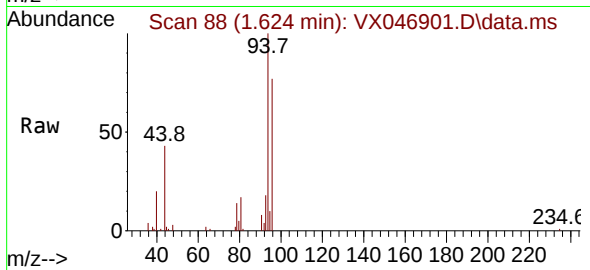
Tgt Ion: 62 Resp: 10202
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5
Bromomethane
Concen: 2.906 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

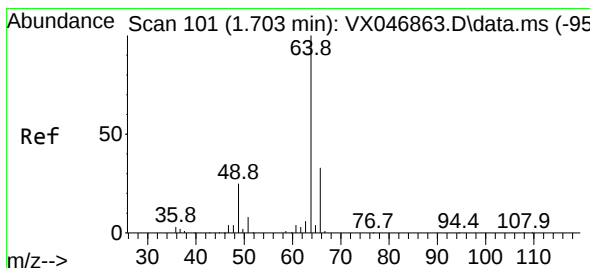
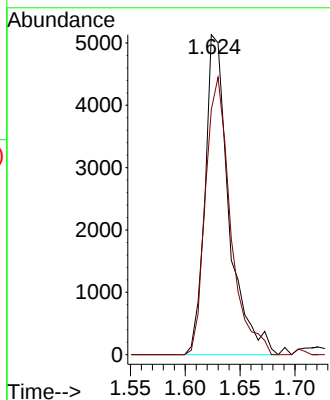
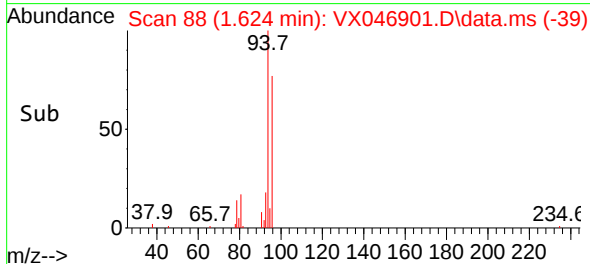
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Tgt Ion: 94 Resp: 778
Ion Ratio Lower Upper
94 100
96 69.5 75.5 113.3

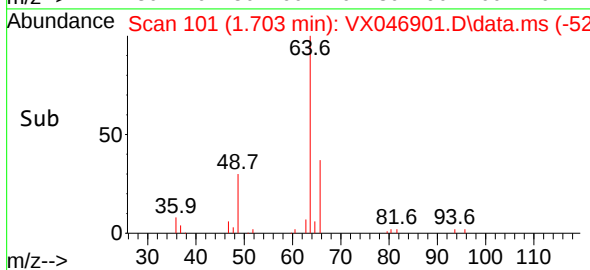
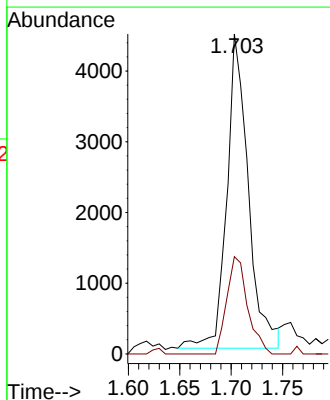
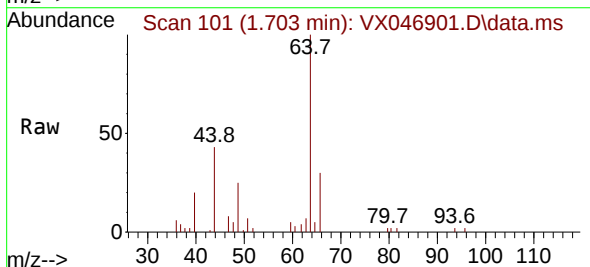
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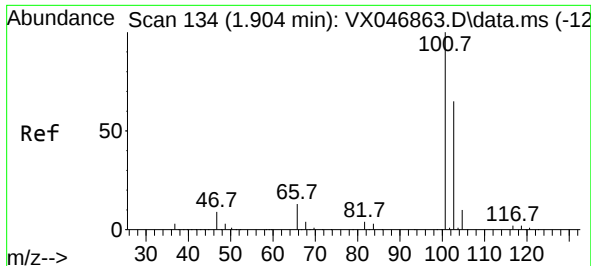
Reviewed By :John Carlone 07/08/2025
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#6
Chloroethane
Concen: 2.358 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

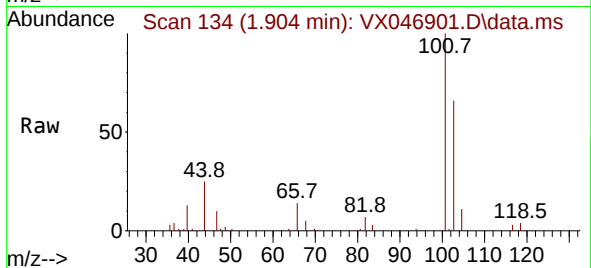
Tgt Ion: 64 Resp: 6487
Ion Ratio Lower Upper
64 100
66 29.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 2.363 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

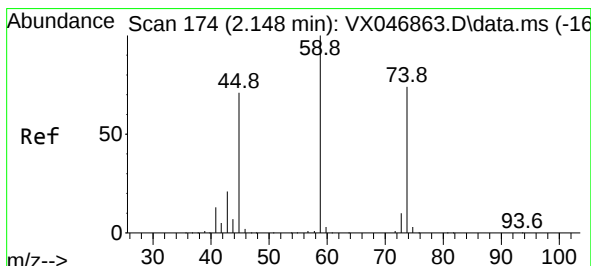
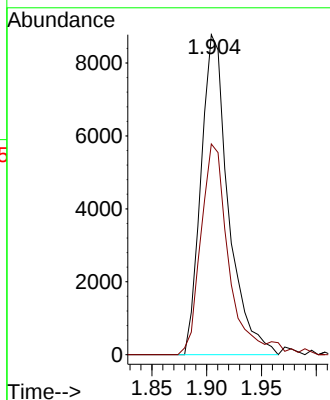
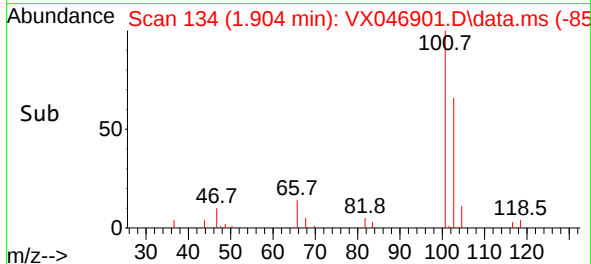
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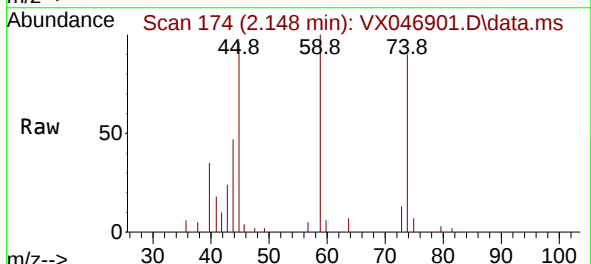
Tgt Ion:101 Resp: 15225
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9

Manual Integrations
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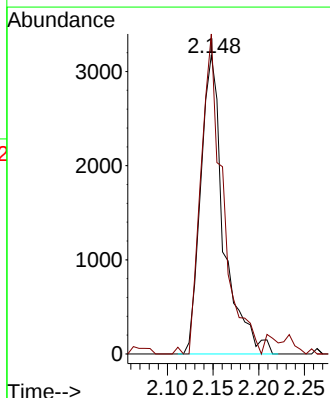
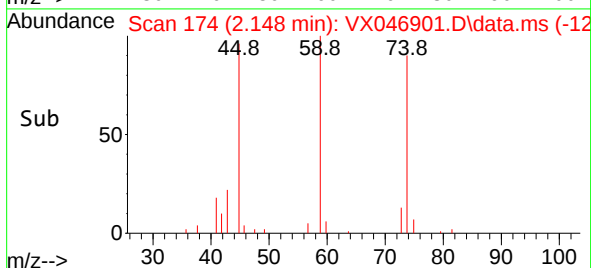
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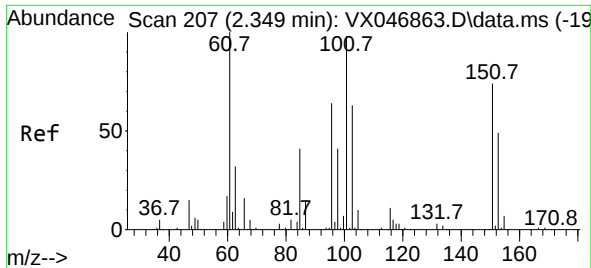


#8
Diethyl Ether
Concen: 2.432 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46



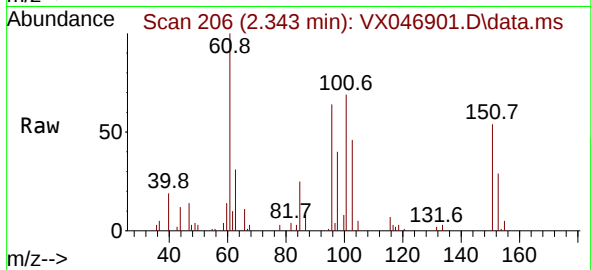
Tgt Ion: 74 Resp: 5576
Ion Ratio Lower Upper
74 100
45 101.7 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.517 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX046901.D
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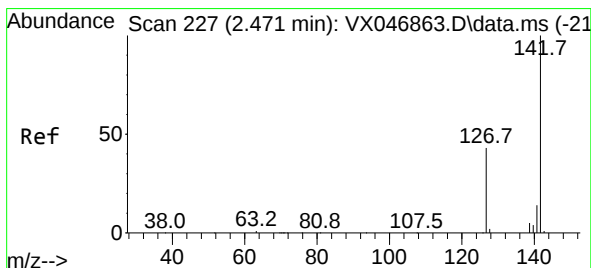
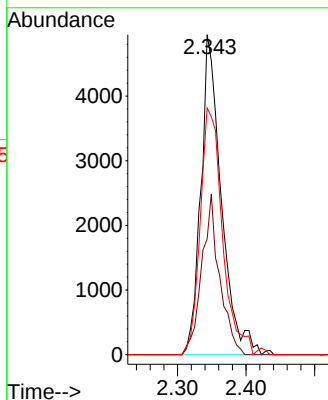
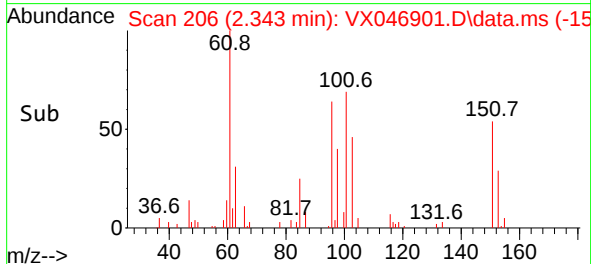
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:101 Resp: 1033
Ion Ratio Lower Upper
101 100
85 43.7 34.3 51.5
151 83.4 59.9 89.9

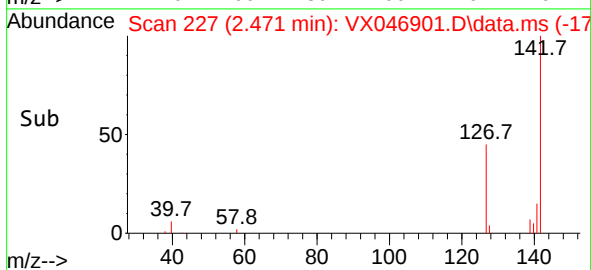
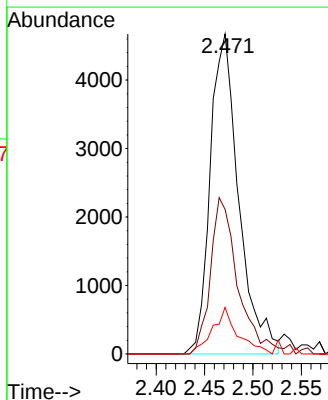
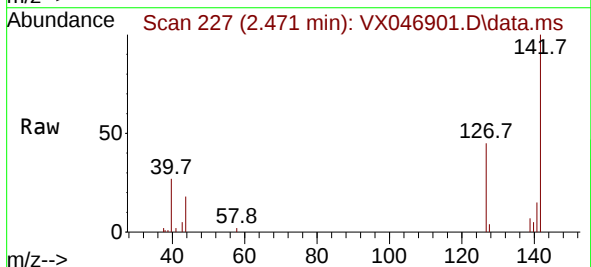
Manual Integrations
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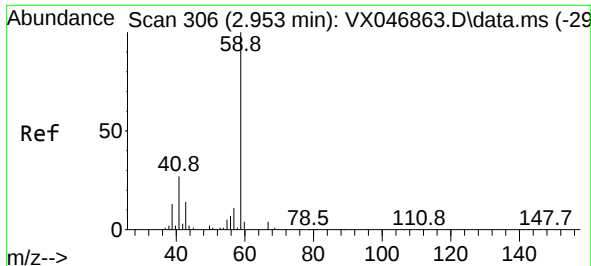
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#10
Methyl Iodide
Concen: 2.147 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

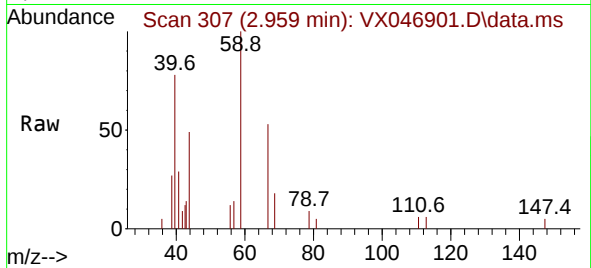
Tgt Ion:142 Resp: 9604
Ion Ratio Lower Upper
142 100
127 47.8 34.9 52.3
141 12.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 12.210 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

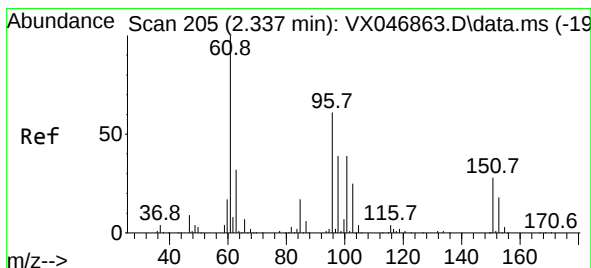
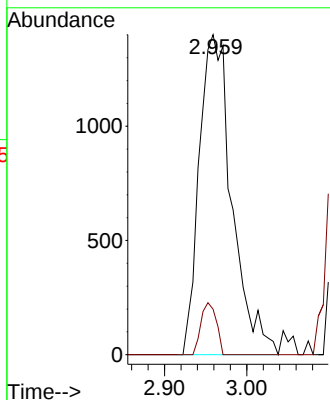
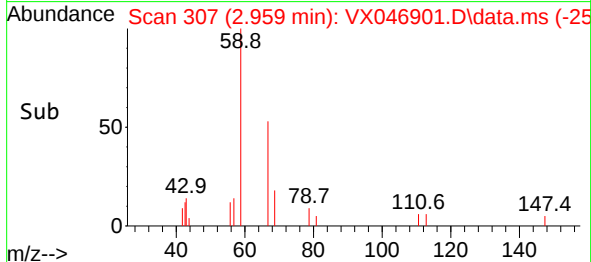
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



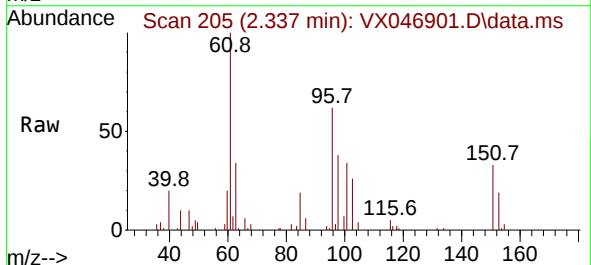
Tgt Ion: 59 Resp: 3874
Ion Ratio Lower Upper
59 100
57 7.6 8.5 12.7

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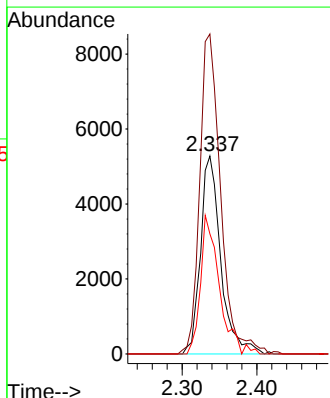
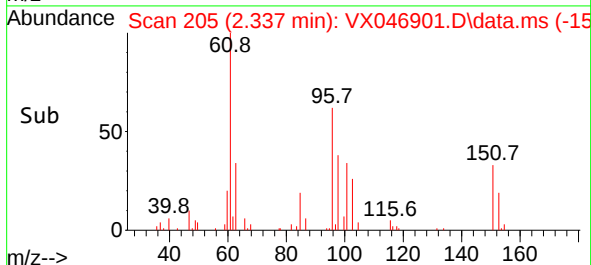
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

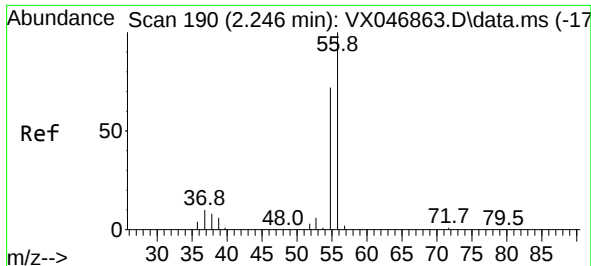


#12
1,1-Dichloroethene
Concen: 2.508 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46



Tgt Ion: 96 Resp: 9957
Ion Ratio Lower Upper
96 100
61 161.7 130.2 195.4
98 60.7 51.3 76.9





#13

Acrolein

Concen: 15.929 ug/l

RT: 2.252 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 56 Resp: 603

Ion Ratio Lower Upper

56 100

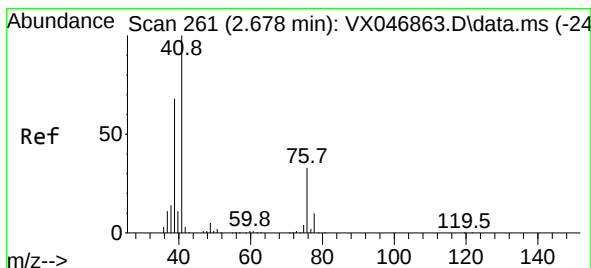
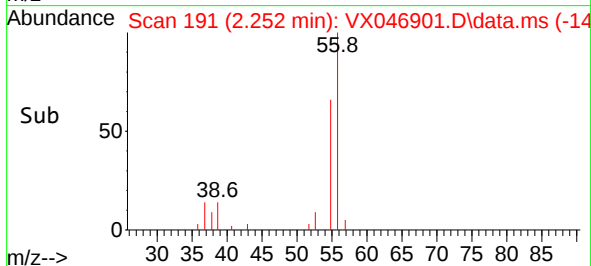
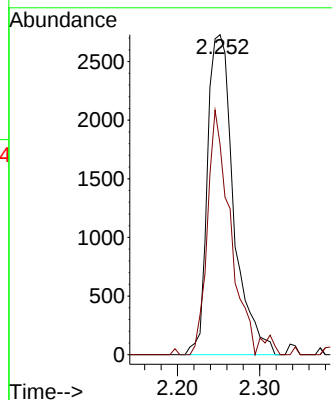
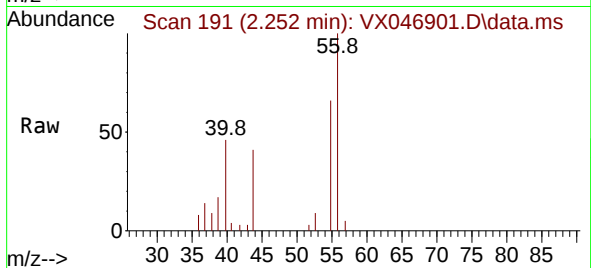
55 65.9 55.5 83.3

Manual Integrations

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Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#14

Allyl chloride

Concen: 2.348 ug/l

RT: 2.678 min Scan# 261

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

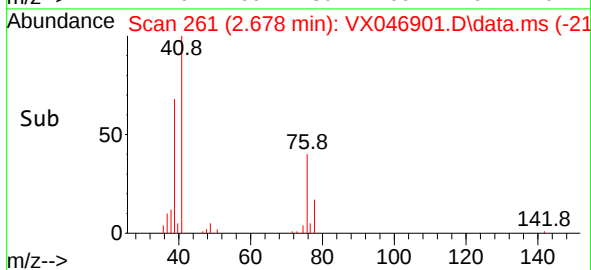
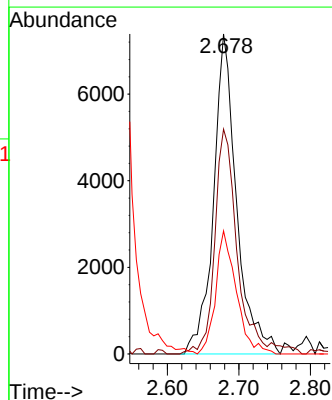
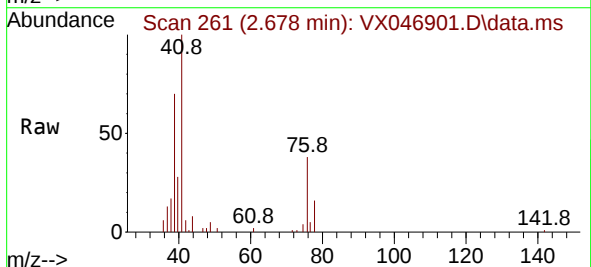
Tgt Ion: 41 Resp: 16600

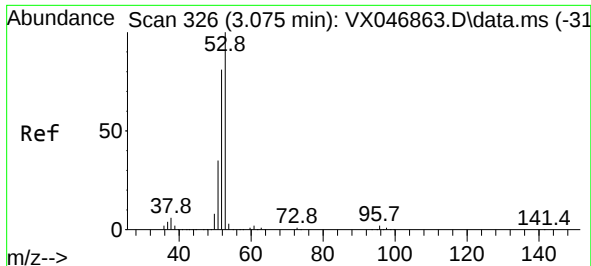
Ion Ratio Lower Upper

41 100

39 66.6 52.0 78.0

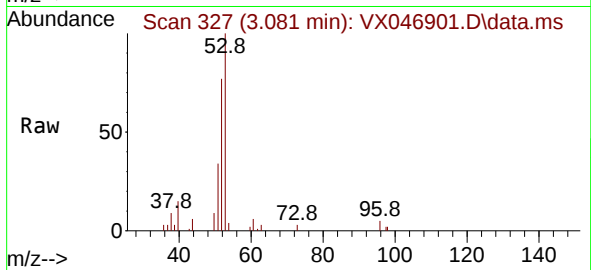
76 34.4 26.2 39.2





#15
Acrylonitrile
Concen: 12.398 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

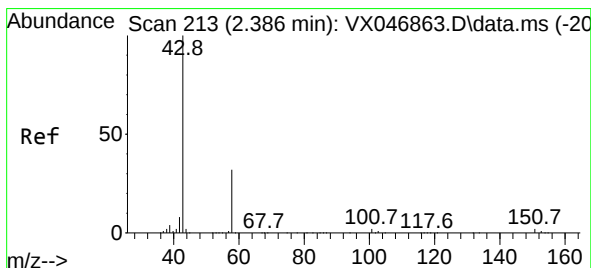
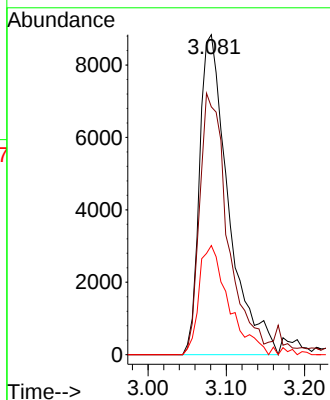
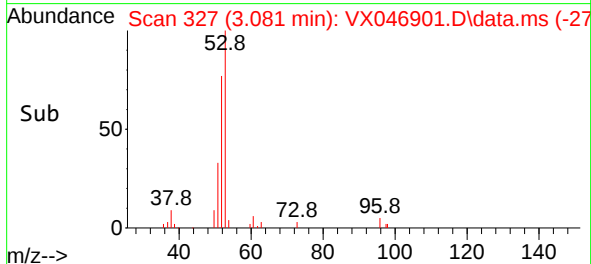
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 53 Resp: 2274
Ion Ratio Lower Upper
53 100
52 79.7 66.0 99.0
51 34.9 28.6 43.0

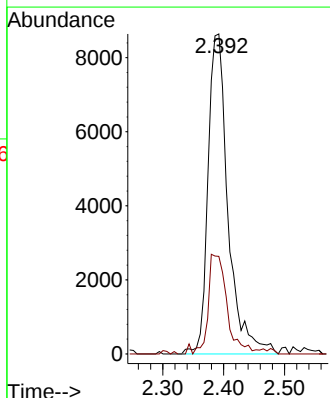
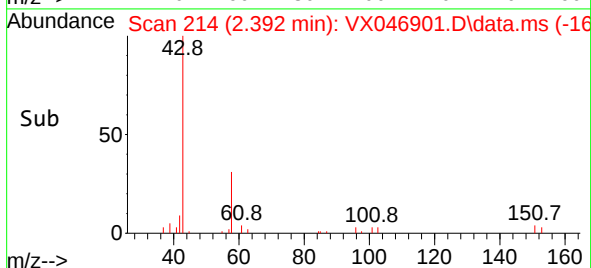
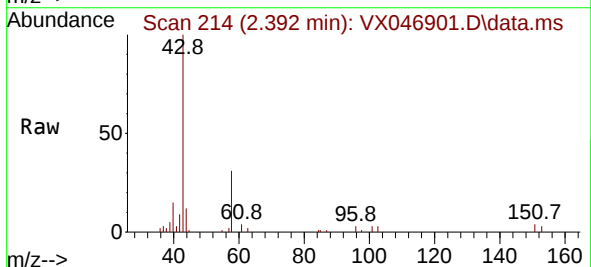
Manual Integrations
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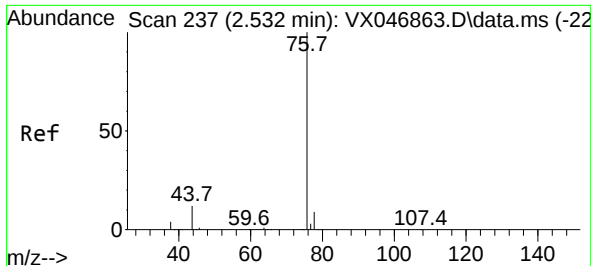
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#16
Acetone
Concen: 13.133 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 43 Resp: 19734
Ion Ratio Lower Upper
43 100
58 30.5 25.8 38.6





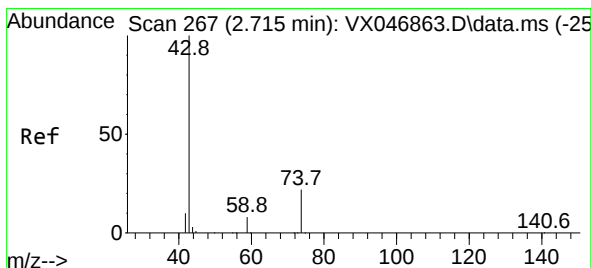
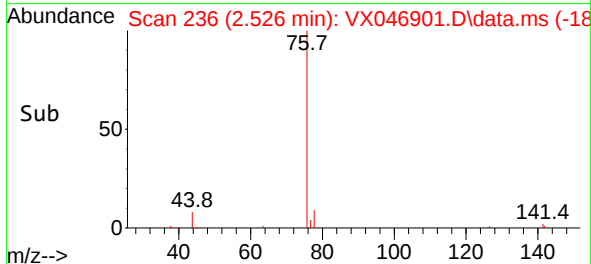
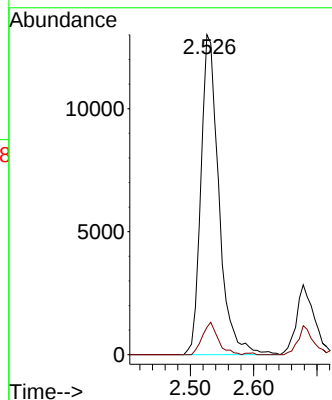
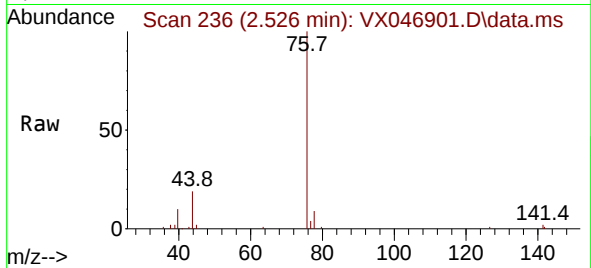
#17
Carbon Disulfide
Concen: 2.473 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 2575
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

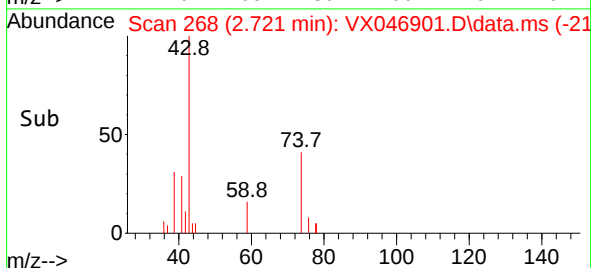
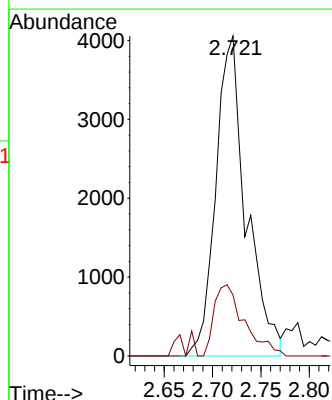
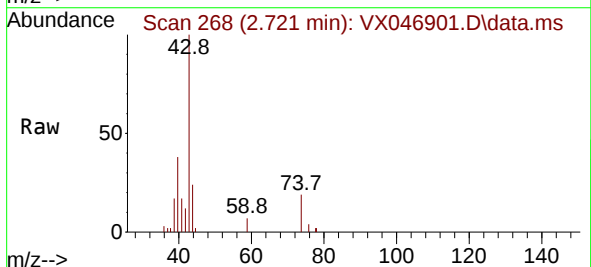
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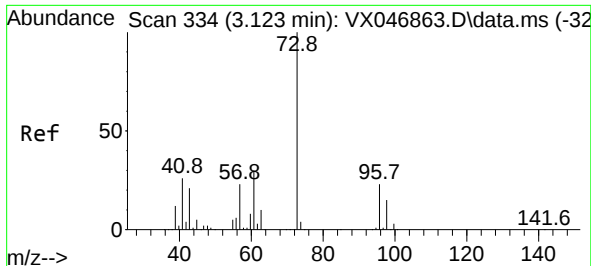
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#18
Methyl Acetate
Concen: 2.231 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 43 Resp: 8836
Ion Ratio Lower Upper
43 100
74 22.2 18.3 27.5





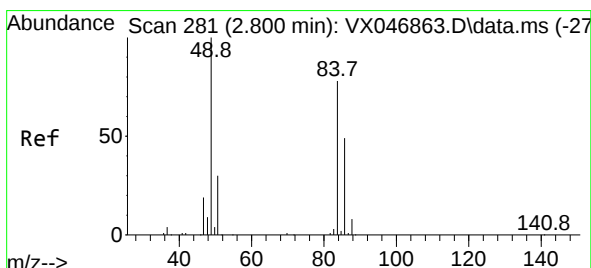
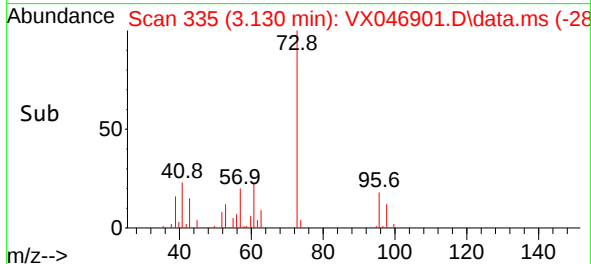
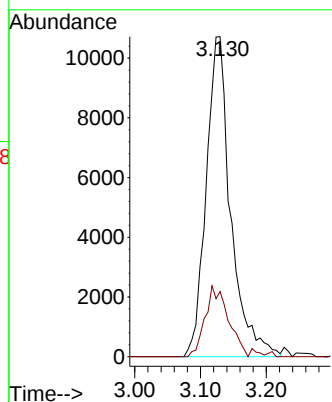
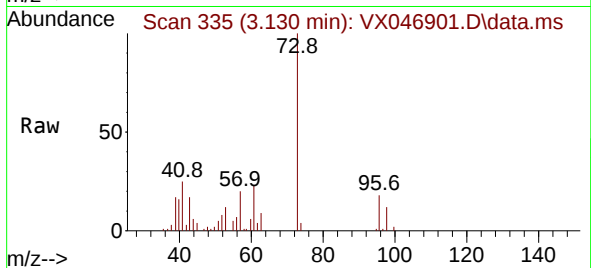
#19
Methyl tert-butyl Ether
Concen: 2.475 ug/l
RT: 3.130 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 73 Resp: 2775
Ion Ratio Lower Upper
73 100
57 20.4 18.6 28.0

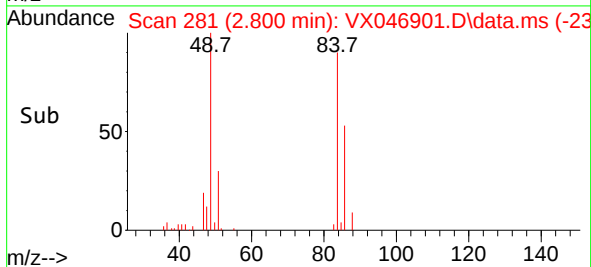
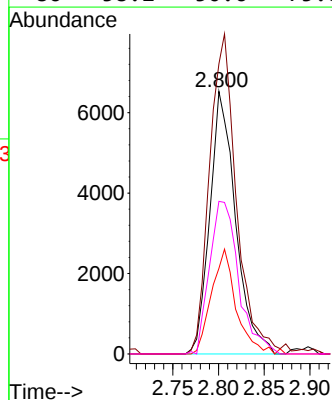
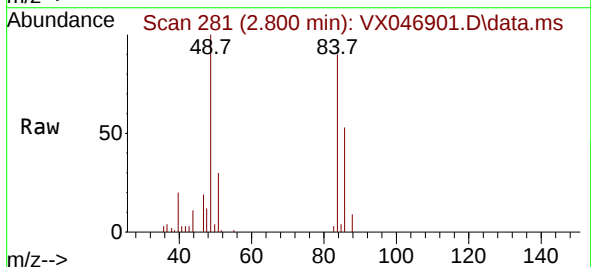
Manual Integrations
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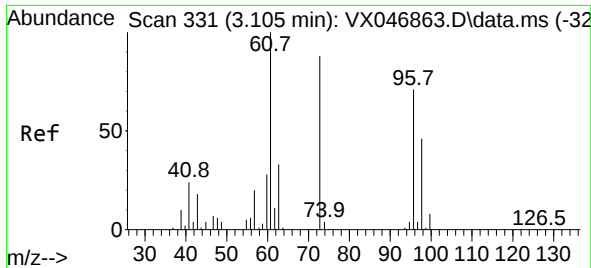
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#20
Methylene Chloride
Concen: 2.882 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

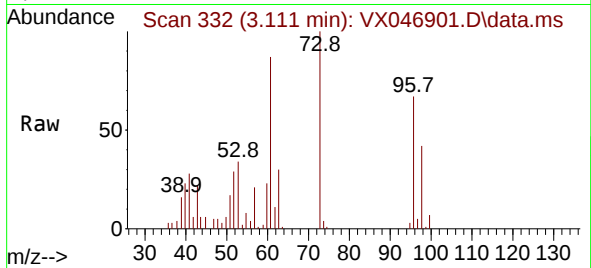
Tgt Ion: 84 Resp: 12806
Ion Ratio Lower Upper
84 100
49 110.5 102.8 154.2
51 33.8 31.1 46.7
86 58.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 2.524 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

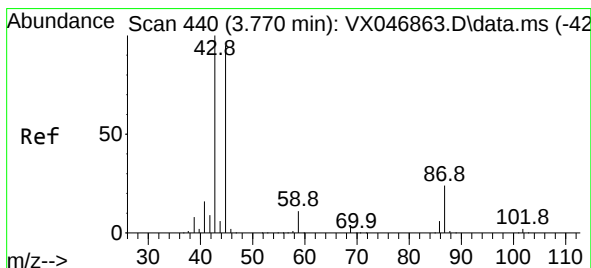
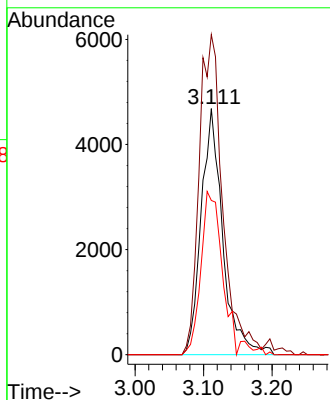
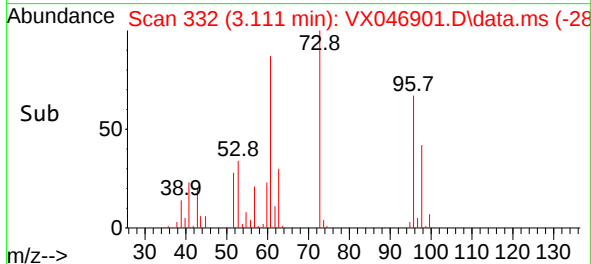
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 96 Resp: 10250
Ion Ratio Lower Upper
96 100
61 130.0 113.4 170.2
98 62.7 51.8 77.6

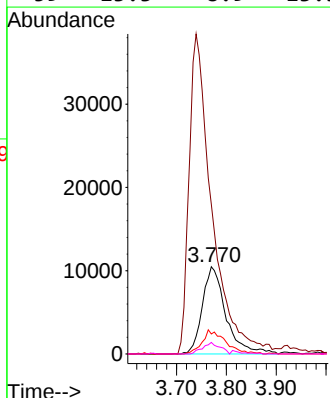
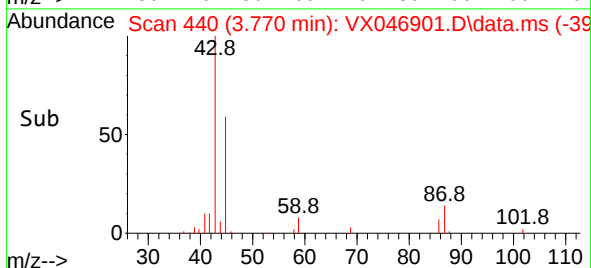
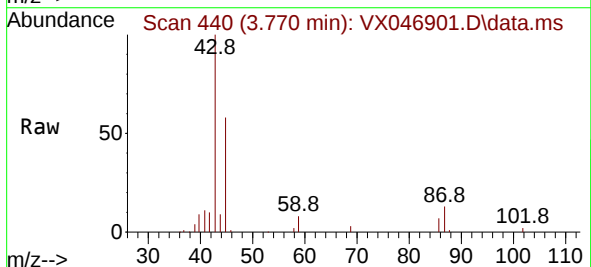
Manual Integrations
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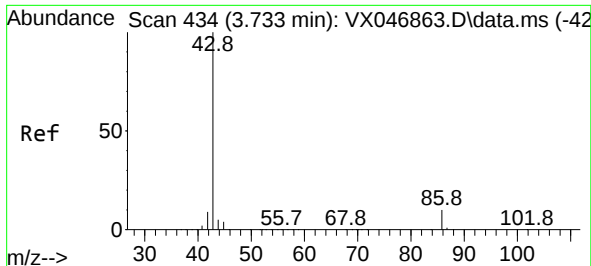
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#22
Diisopropyl ether
Concen: 2.512 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 45 Resp: 34308
Ion Ratio Lower Upper
45 100
43 171.6 84.2 126.4#
87 24.9 20.3 30.5
59 13.3 8.9 13.3





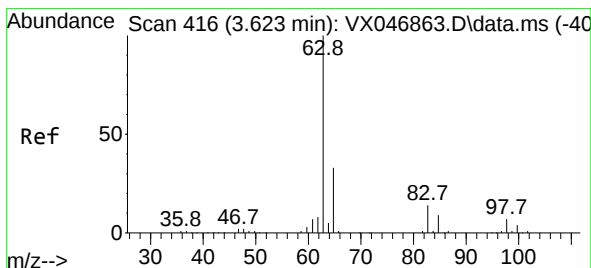
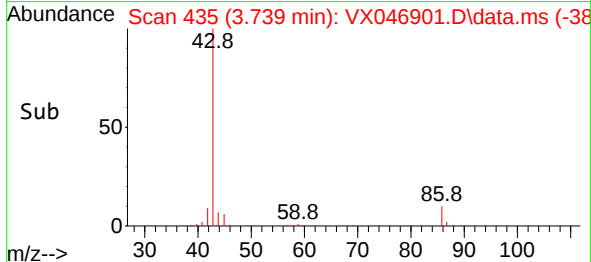
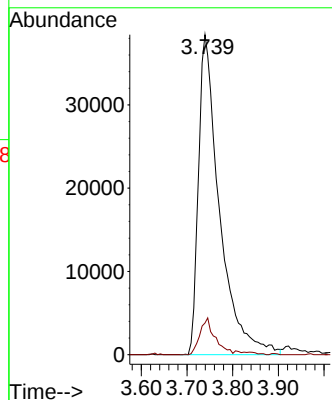
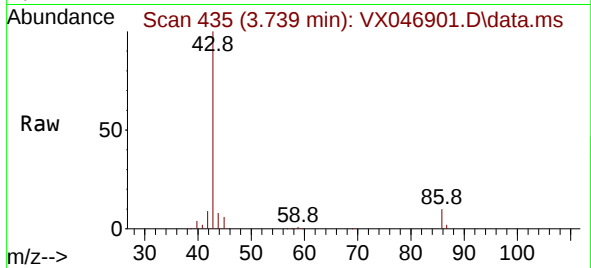
#23
 Vinyl Acetate
 Concen: 11.983 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX046901.D
 Acq: 07 Jul 2025 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 122608
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.2 12.4

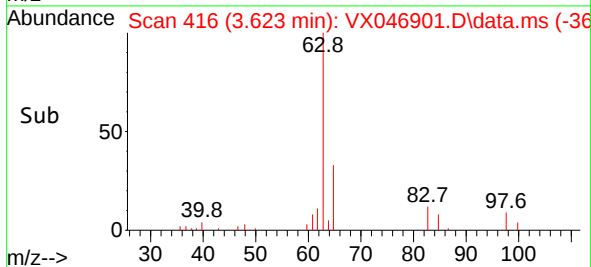
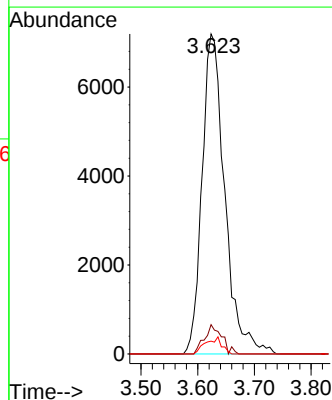
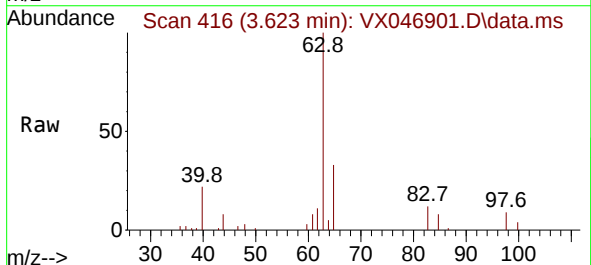
Manual Integrations
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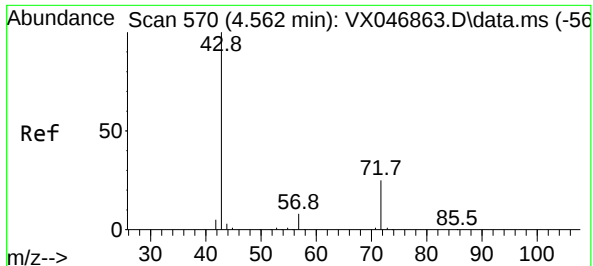
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025



#24
 1,1-Dichloroethane
 Concen: 2.569 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX046901.D
 Acq: 07 Jul 2025 12:46

Tgt Ion: 63 Resp: 20007
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.6 10.9
 100 4.0 2.3 6.9





#25

2-Butanone

Concen: 12.429 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 24918

Ion Ratio Lower Upper

43 100

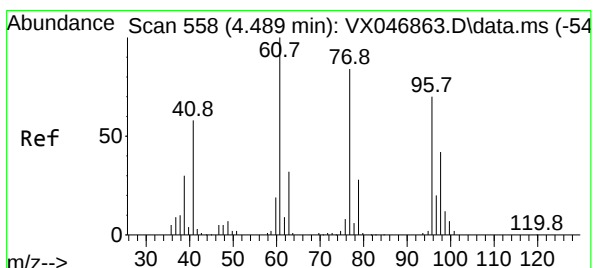
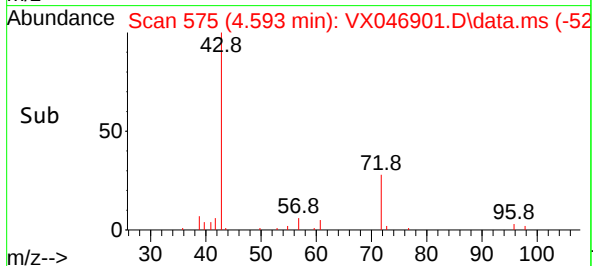
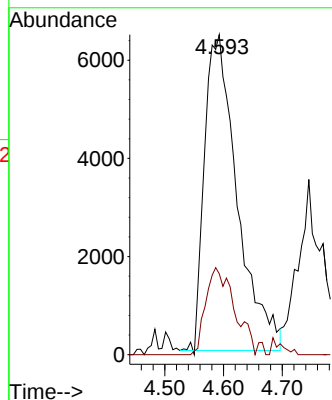
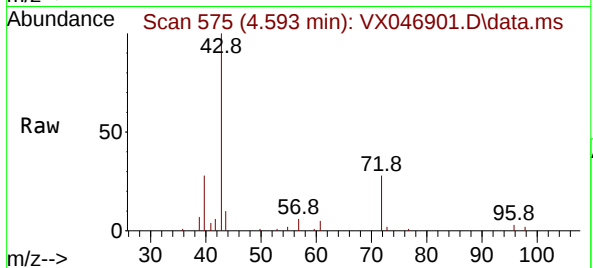
72 25.6 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#26

2,2-Dichloropropane

Concen: 2.394 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX046901.D

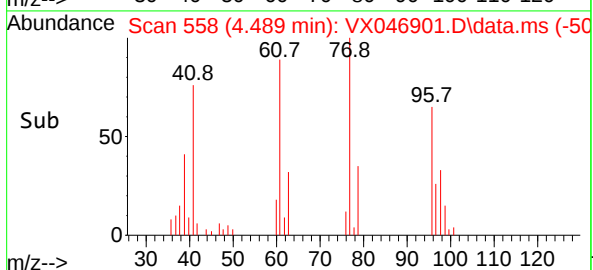
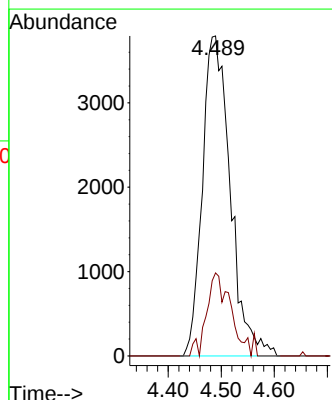
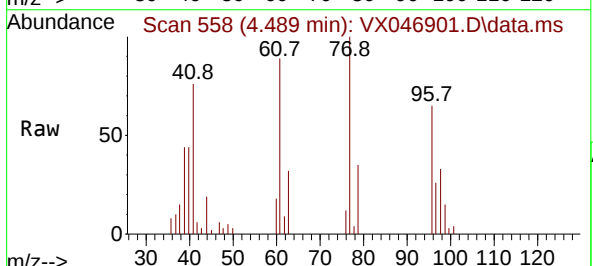
Acq: 07 Jul 2025 12:46

Tgt Ion: 77 Resp: 13875

Ion Ratio Lower Upper

77 100

97 22.2 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 2.614 ug/l

RT: 4.513 min Scan# 50

Delta R.T. 0.012 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 96 Resp: 1296

Ion Ratio Lower Upper

96 100

61 140.6 0.0 288.6

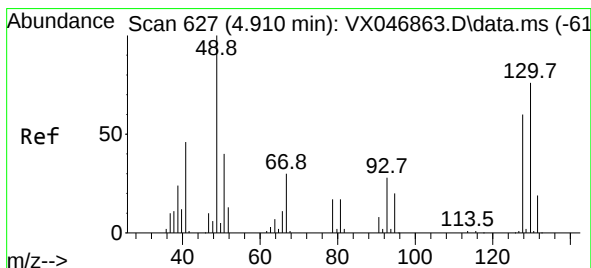
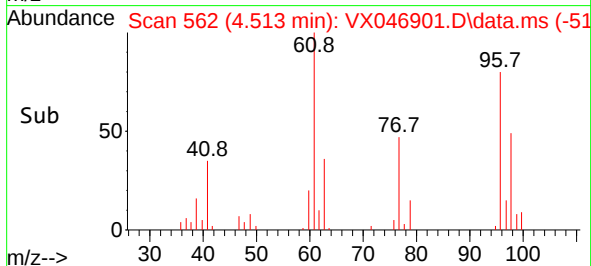
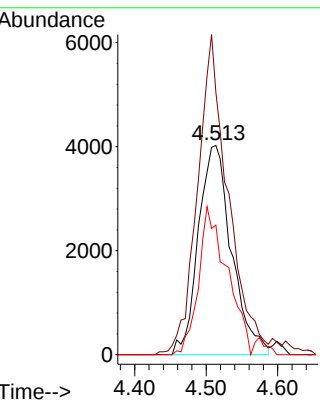
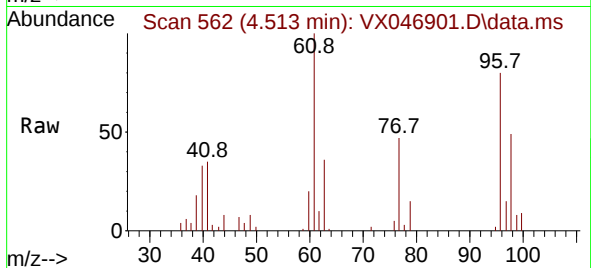
98 61.0 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#28

Bromochloromethane

Concen: 2.518 ug/l

RT: 4.916 min Scan# 628

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

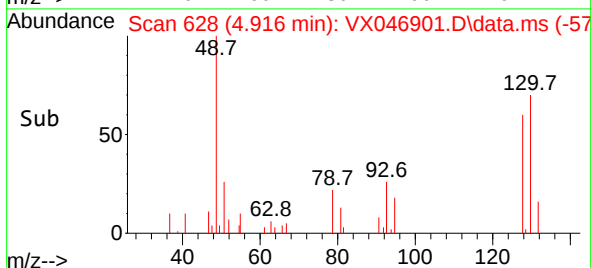
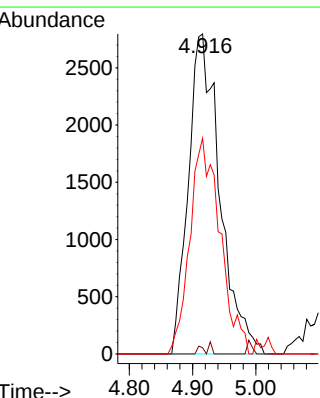
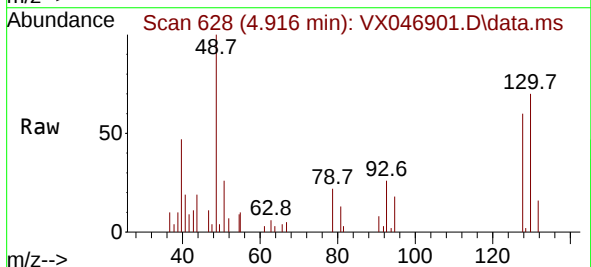
Tgt Ion: 49 Resp: 9679

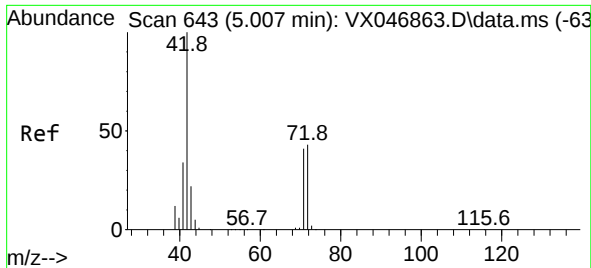
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.2

130 64.5 61.7 92.5





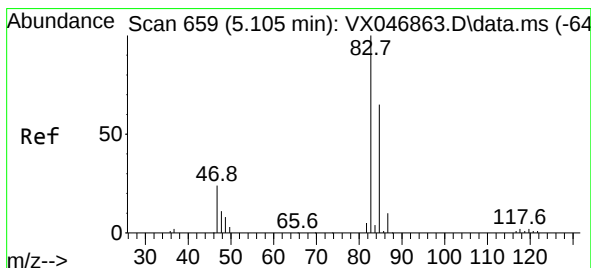
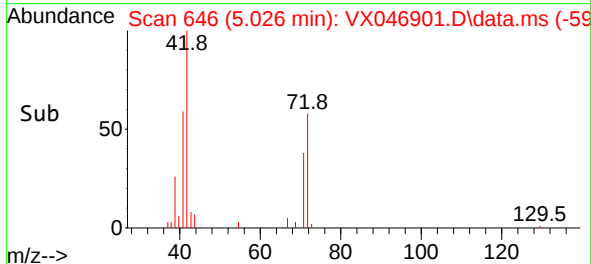
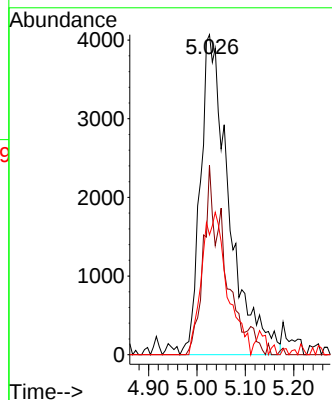
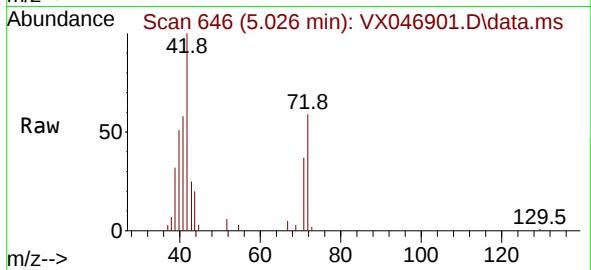
#29
Tetrahydrofuran
Concen: 13.128 ug/l
RT: 5.026 min Scan# 643
Delta R.T. 0.018 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 42 Resp: 16778
Ion Ratio Lower Upper
42 100
72 22.6 35.1 52.7
71 39.4 31.9 47.9

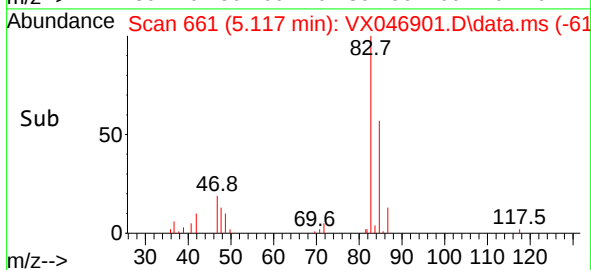
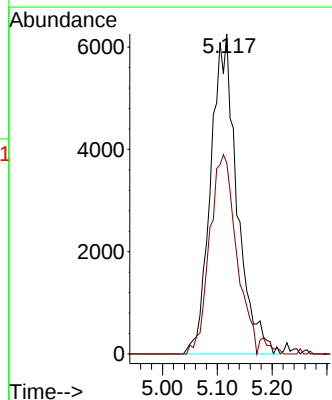
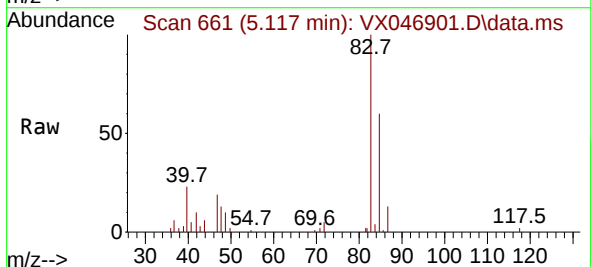
Manual Integrations
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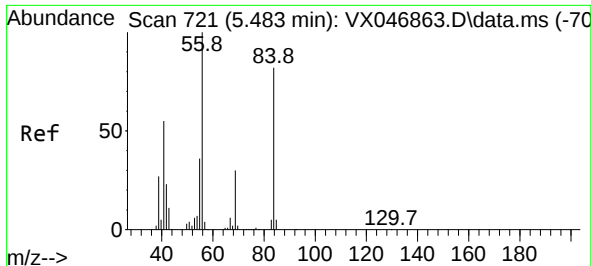
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#30
Chloroform
Concen: 2.625 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.012 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

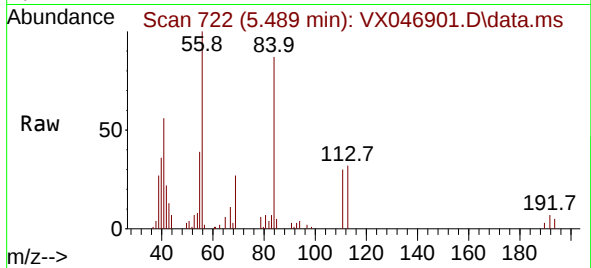
Tgt Ion: 83 Resp: 20888
Ion Ratio Lower Upper
83 100
85 60.9 51.8 77.8





#31
Cyclohexane
Concen: 2.441 ug/l
RT: 5.489 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

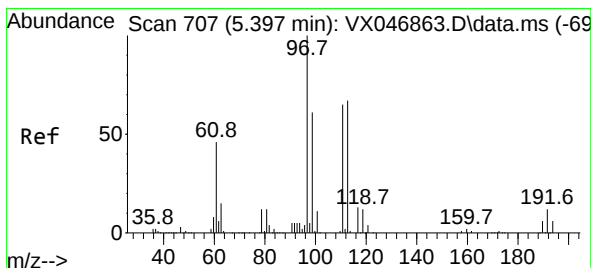
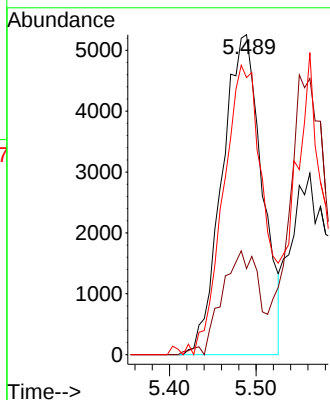
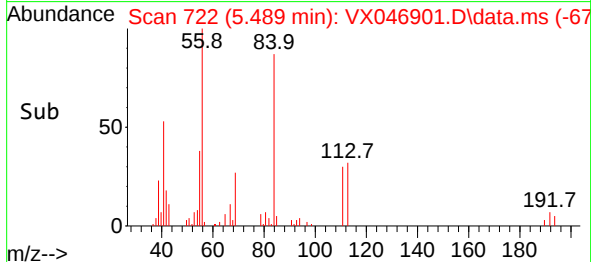
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 56 Resp: 1688
Ion Ratio Lower Upper
56 100
69 26.4 24.0 36.0
84 83.2 66.5 99.7

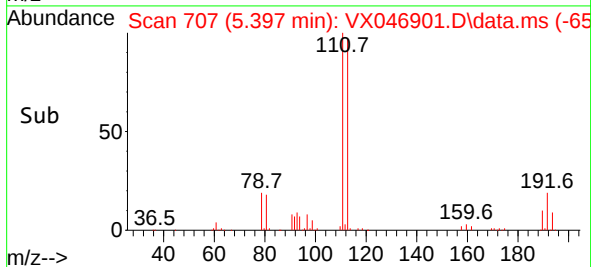
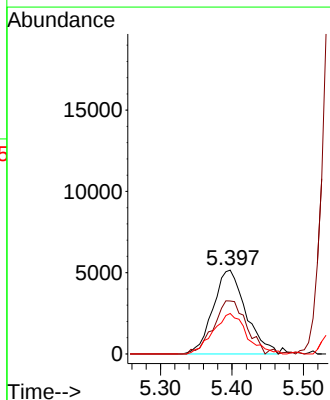
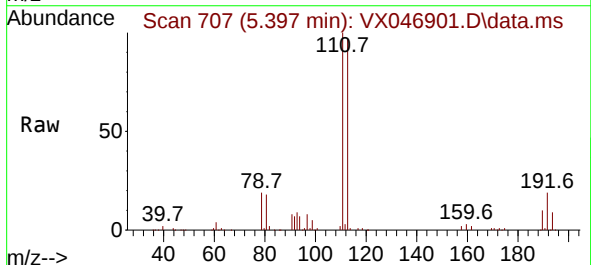
Manual Integrations
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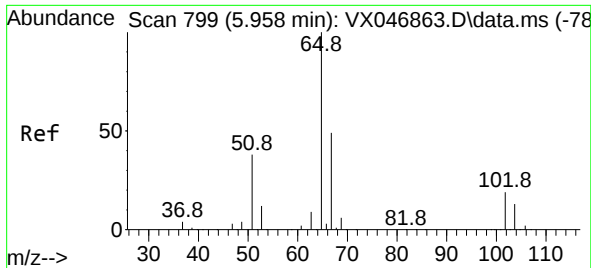
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#32
1,1,1-Trichloroethane
Concen: 2.468 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 97 Resp: 16405
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 49.2 36.3 54.5





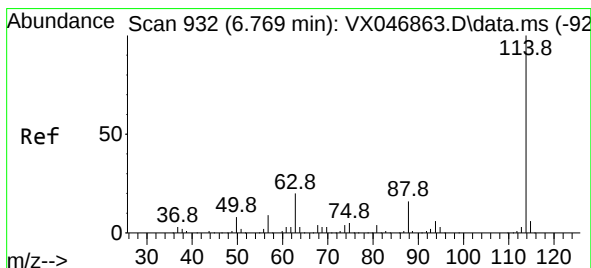
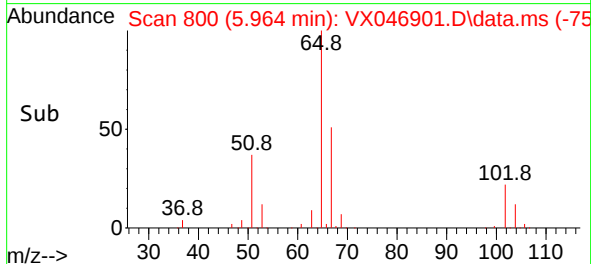
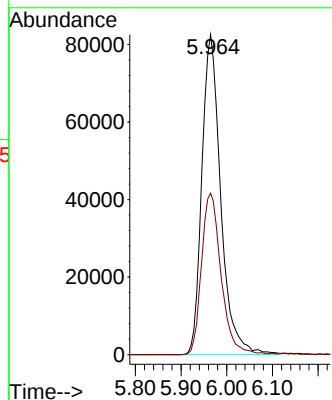
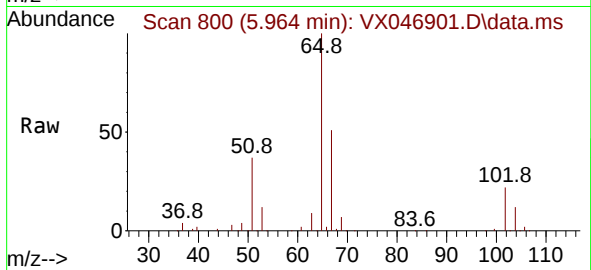
#33
 1,2-Dichloroethane-d4
 Concen: 48.958 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX046901.D
 Acq: 07 Jul 2025 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 65 Resp: 236839
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2

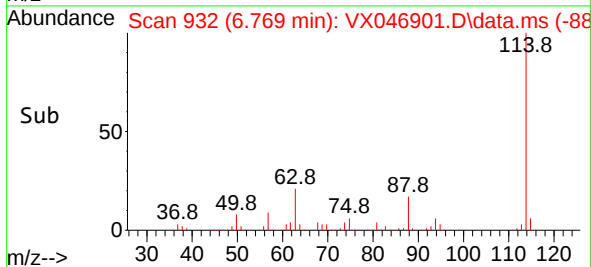
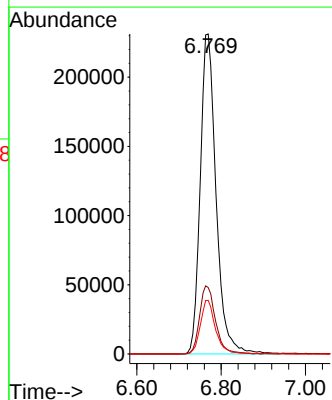
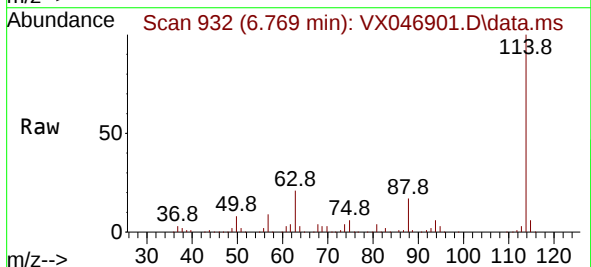
Manual Integrations
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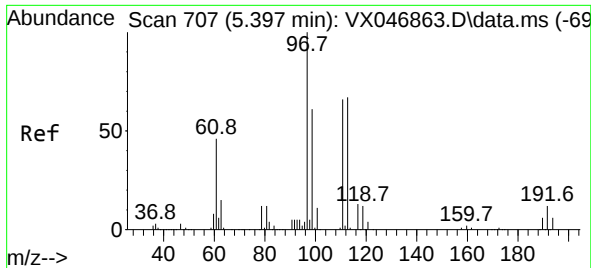
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046901.D
 Acq: 07 Jul 2025 12:46

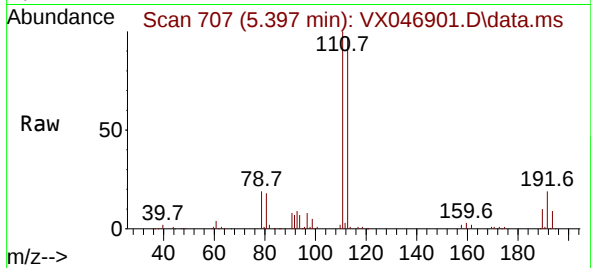
Tgt Ion:114 Resp: 604885
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 16.8 0.0 31.0





#35
Dibromofluoromethane
Concen: 47.737 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

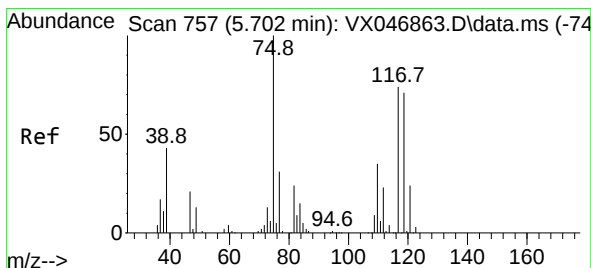
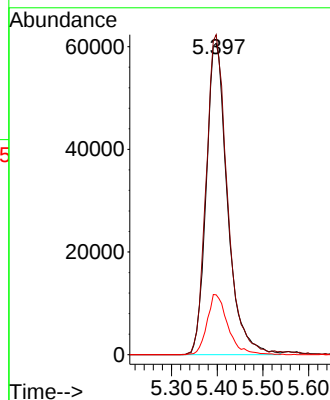
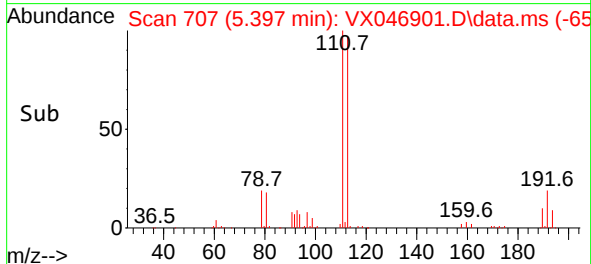
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:113 Resp: 196008
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 18.9 15.3 22.9

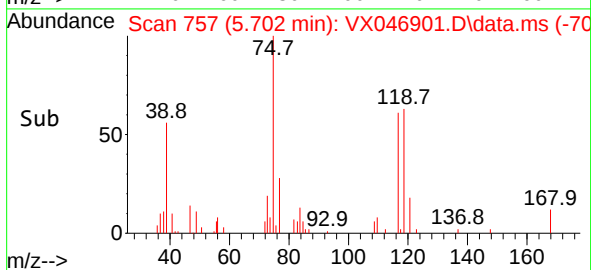
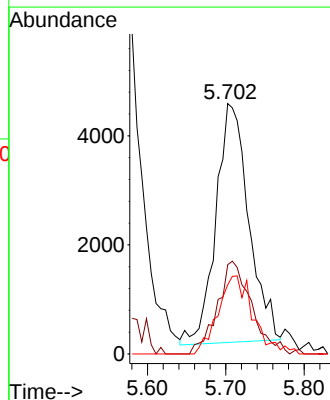
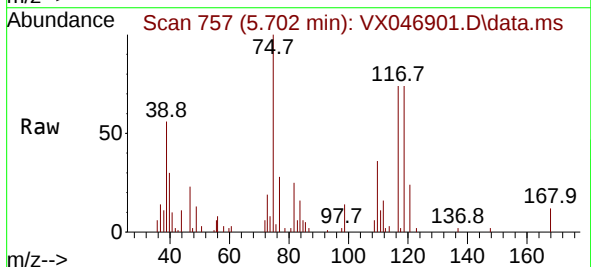
Manual Integrations
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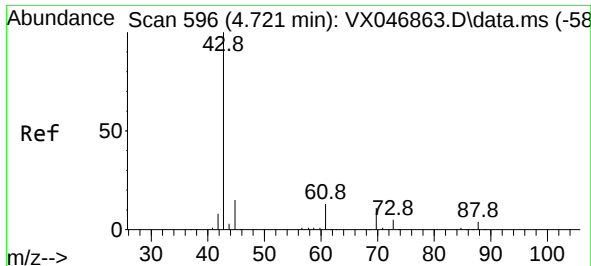
Reviewed By :John Carbone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#36
1,1-Dichloropropene
Concen: 2.310 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 75 Resp: 12799
Ion Ratio Lower Upper
75 100
110 40.1 17.3 51.9
77 35.0 24.2 36.4





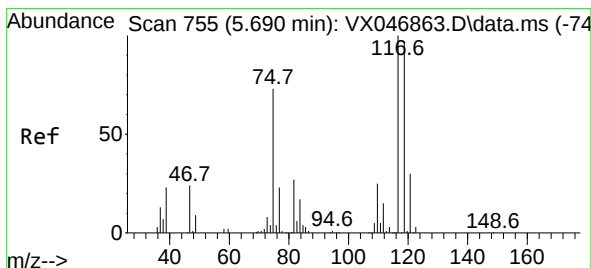
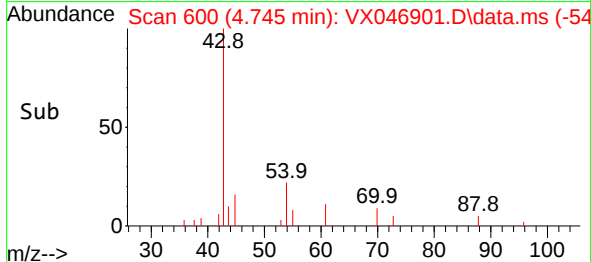
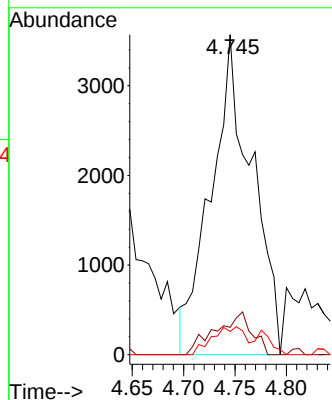
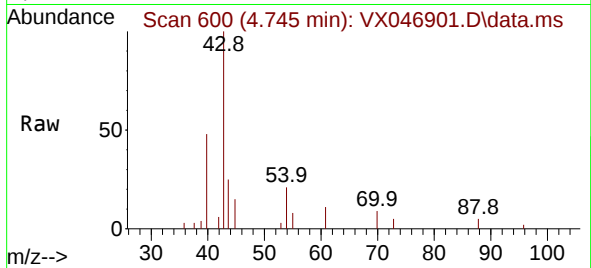
#37
Ethyl Acetate
Concen: 2.079 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.024 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 9810
Ion Ratio Lower Upper
43 100
61 11.9 9.7 14.5
70 7.0 8.3 12.5

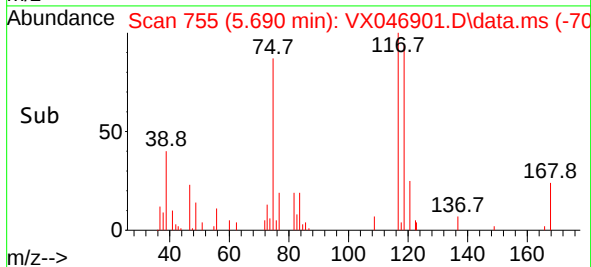
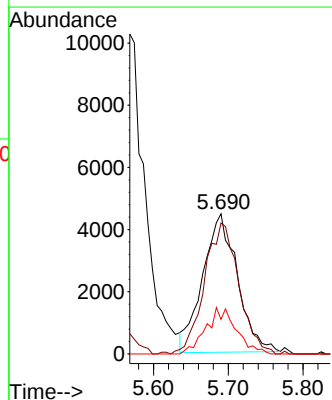
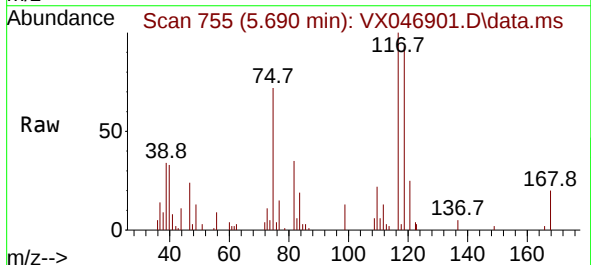
Manual Integrations
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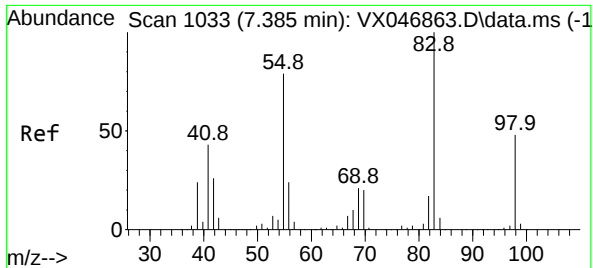
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#38
Carbon Tetrachloride
Concen: 2.452 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion:117 Resp: 14362
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8
121 25.1 24.1 36.1





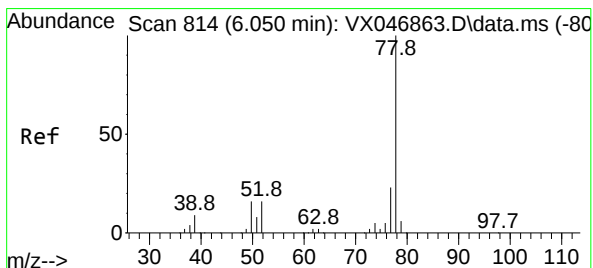
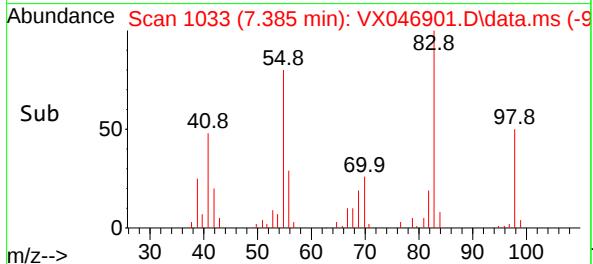
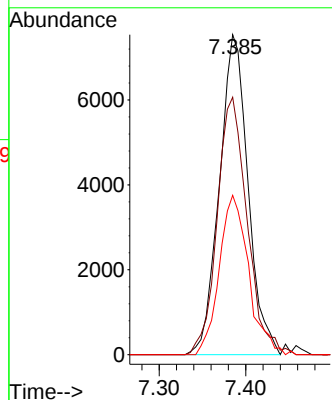
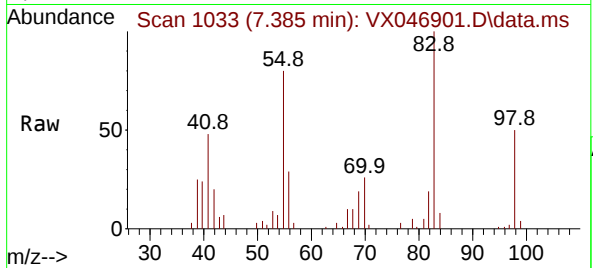
#39
Methylcyclohexane
Concen: 2.499 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 17310
Ion Ratio Lower Upper
83 100
55 80.4 63.0 94.4
98 49.8 38.5 57.7

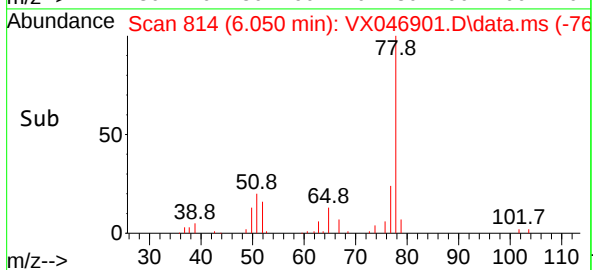
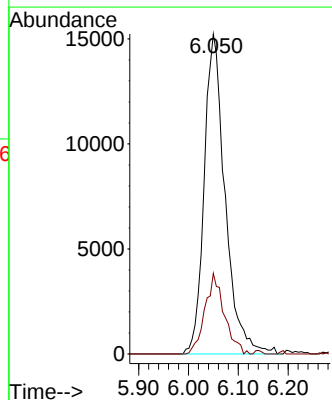
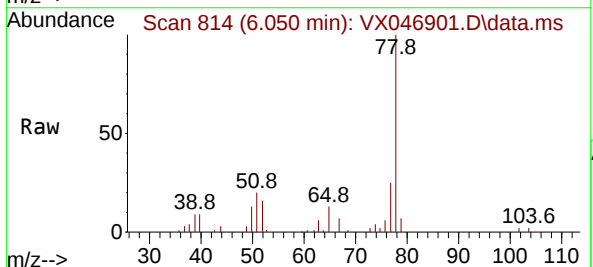
Manual Integrations
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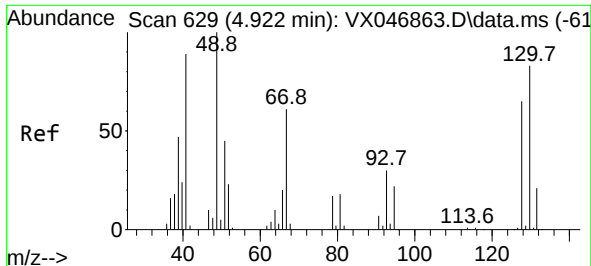
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#40
Benzene
Concen: 2.652 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

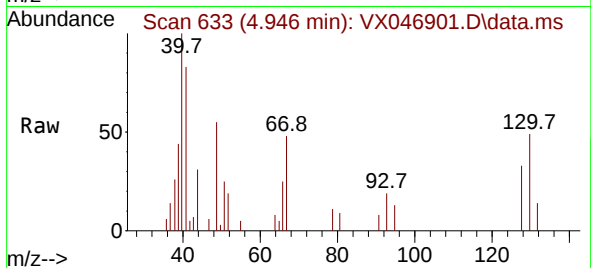
Tgt Ion: 78 Resp: 44445
Ion Ratio Lower Upper
78 100
77 25.2 18.7 28.1





#41
Methacrylonitrile
Concen: 2.551 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

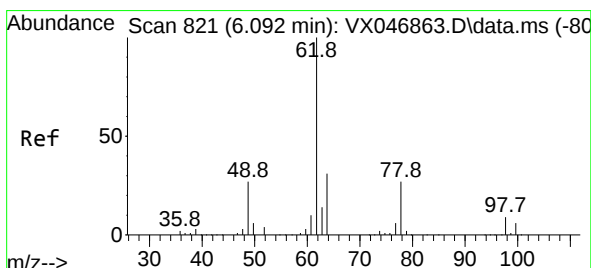
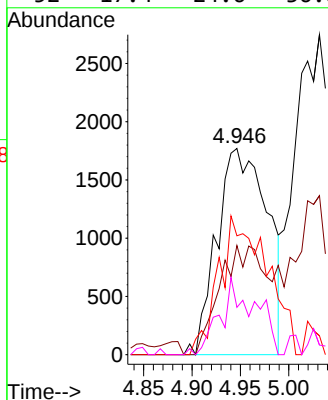
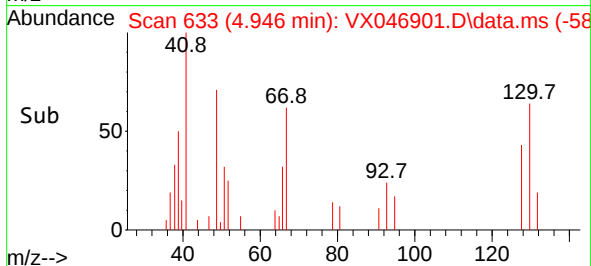
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 41 Resp: 6420
Ion Ratio Lower Upper
41 100
39 48.2 43.0 64.4
67 64.3 60.2 90.2
52 17.4 24.6 36.8#

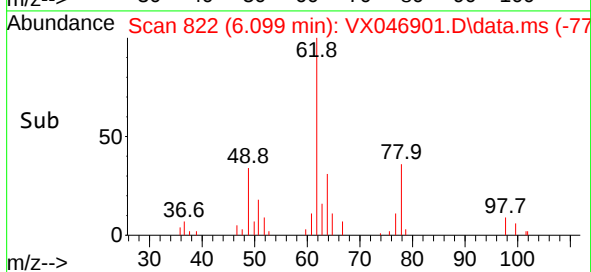
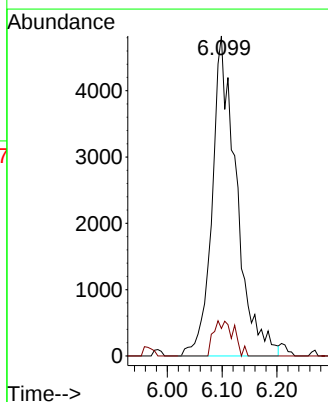
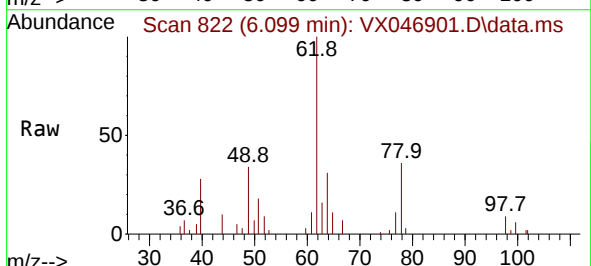
Manual Integrations
APPROVED

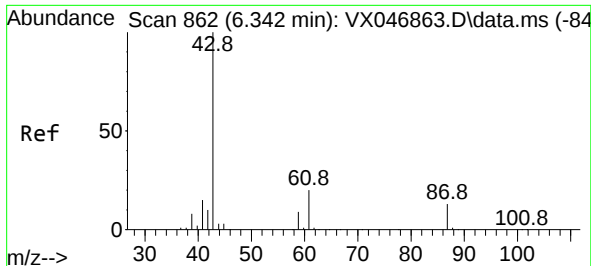
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#42
1,2-Dichloroethane
Concen: 2.614 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

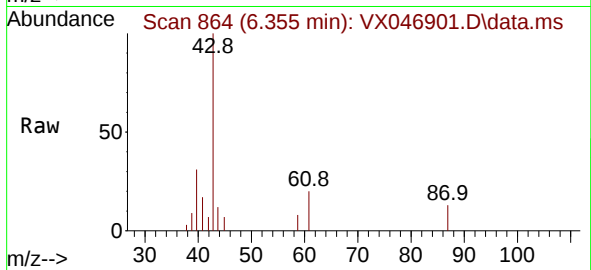
Tgt Ion: 62 Resp: 14872
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 2.487 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

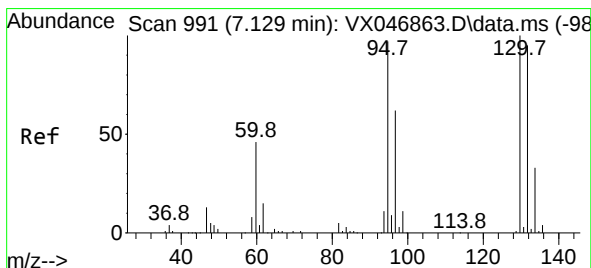
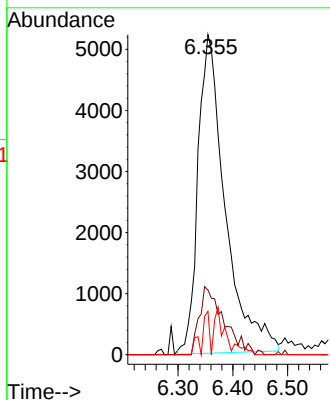
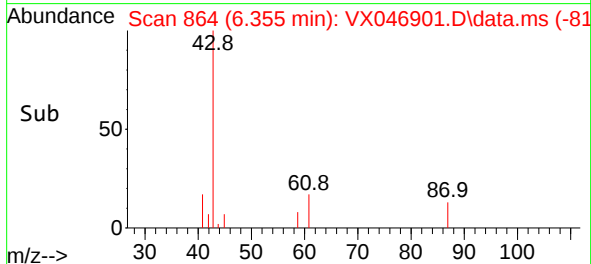
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 1797
Ion Ratio Lower Upper
43 100
61 19.3 15.7 23.5
87 3.9 10.1 15.1

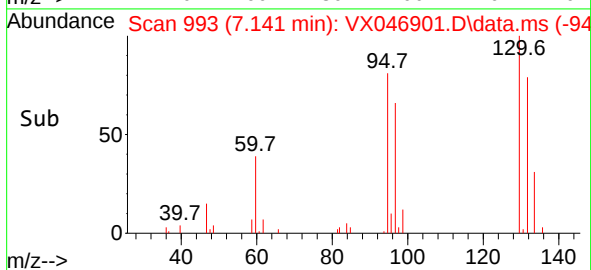
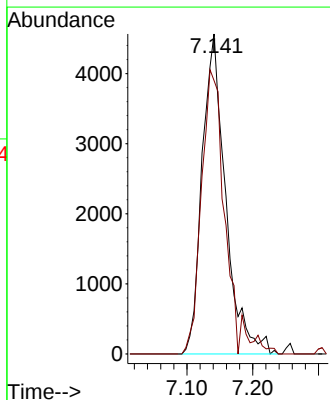
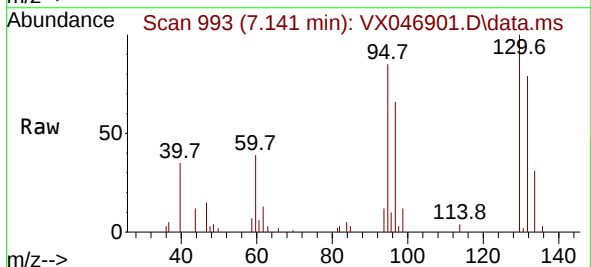
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 2.604 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion:130 Resp: 11356
Ion Ratio Lower Upper
130 100
95 95.9 0.0 194.2





#45

1,2-Dichloropropane

Concen: 2.495 ug/l

RT: 7.440 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 1056

Ion Ratio Lower Upper

63 100

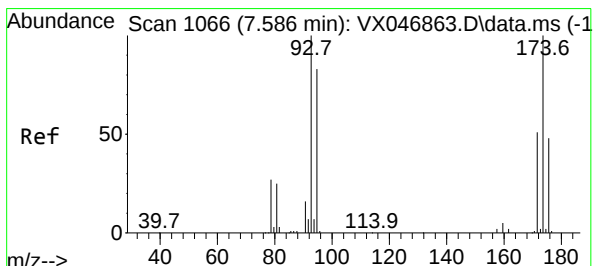
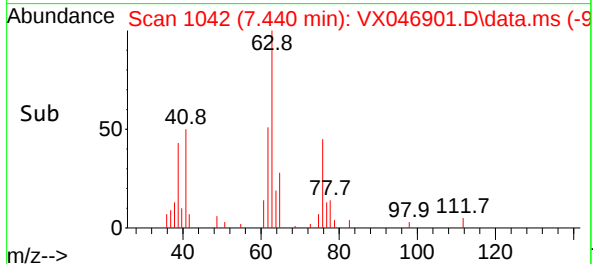
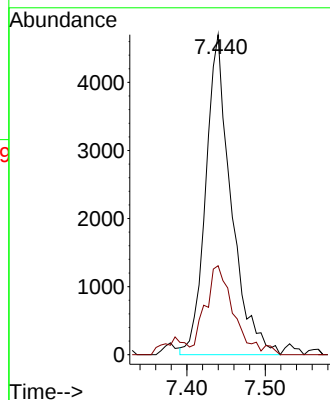
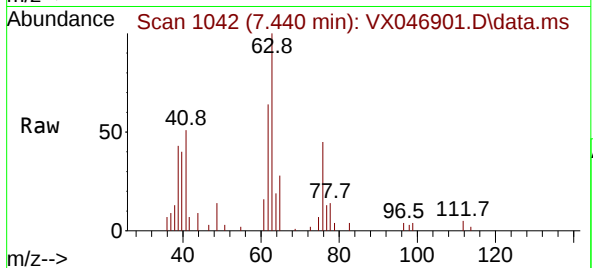
65 27.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#46

Dibromomethane

Concen: 2.600 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. 0.012 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

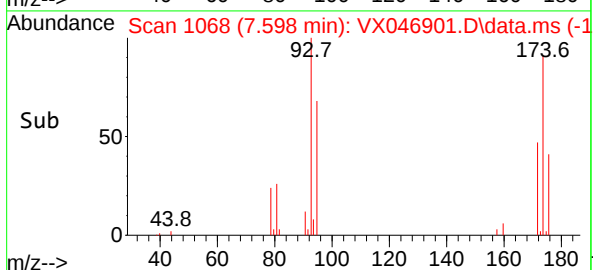
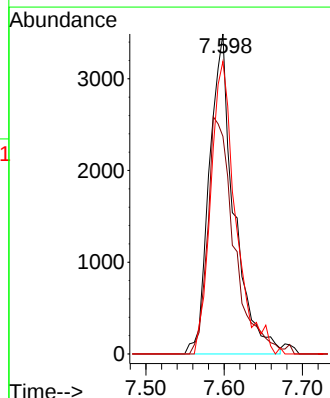
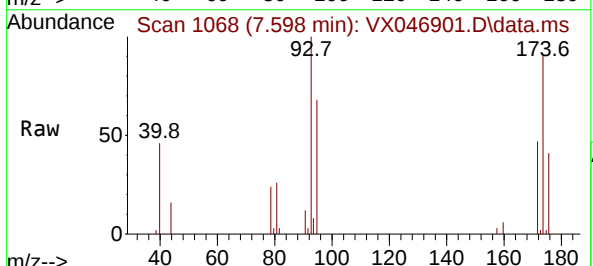
Tgt Ion: 93 Resp: 7627

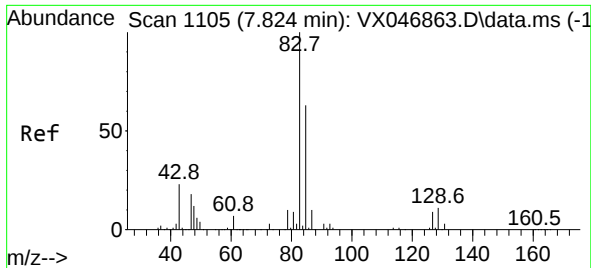
Ion Ratio Lower Upper

93 100

95 80.1 66.6 99.8

174 92.5 77.4 116.2





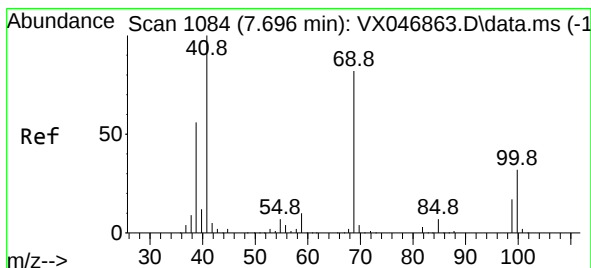
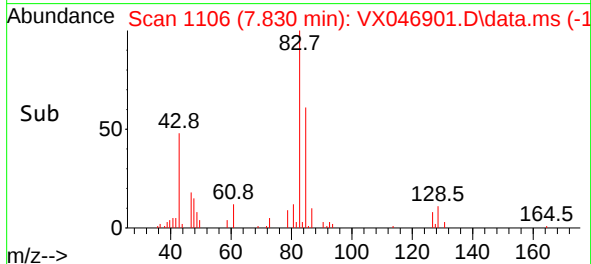
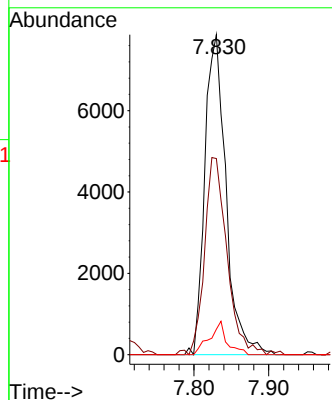
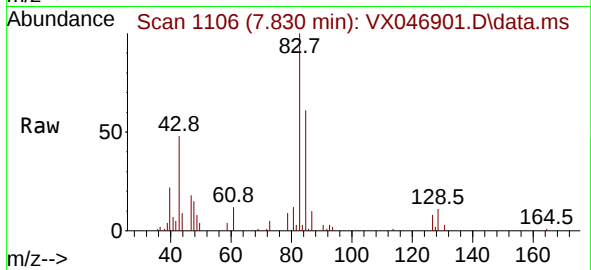
#47
Bromodichloromethane
Concen: 2.466 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 1544
Ion Ratio Lower Upper
83 100
85 59.6 50.2 75.4
127 7.7 7.1 10.7

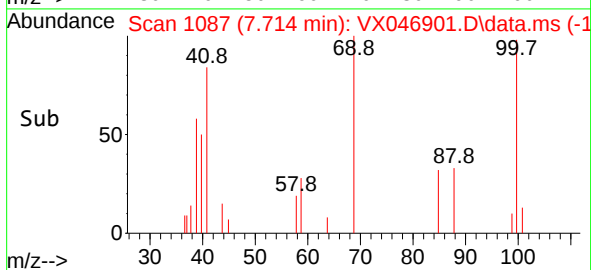
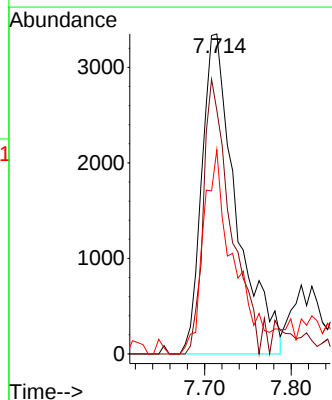
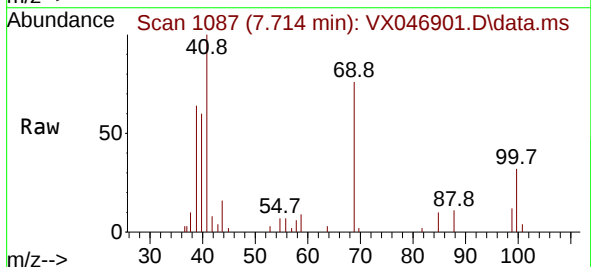
Manual Integrations
APPROVED

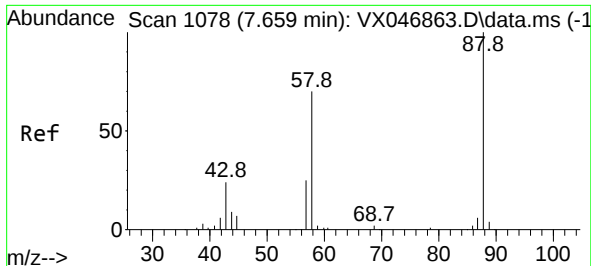
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#48
Methyl methacrylate
Concen: 2.473 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

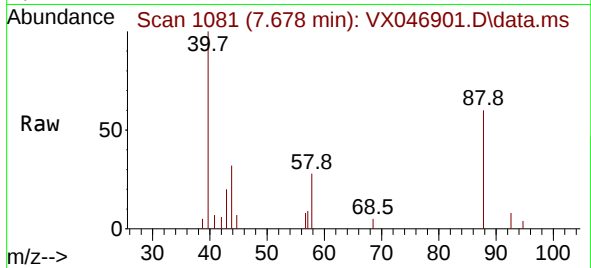
Tgt Ion: 41 Resp: 9230
Ion Ratio Lower Upper
41 100
69 67.6 65.8 98.8
39 55.5 43.8 65.6





#49
1,4-Dioxane
Concen: 41.583 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

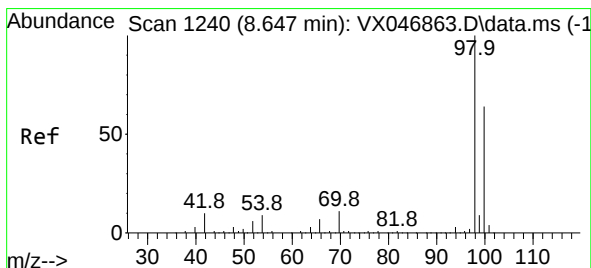
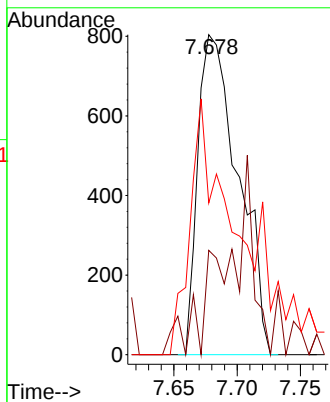
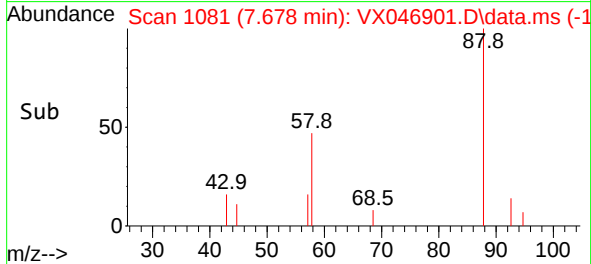
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 88 Resp: 1798
Ion Ratio Lower Upper
88 100
43 0.0 31.7 47.5
58 100.3 57.5 86.3

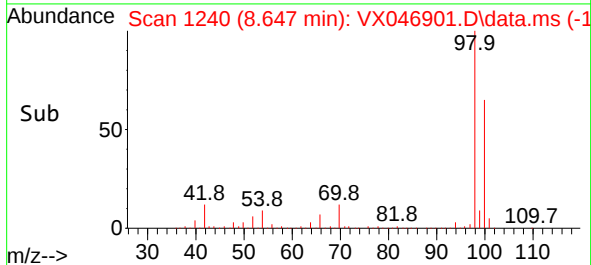
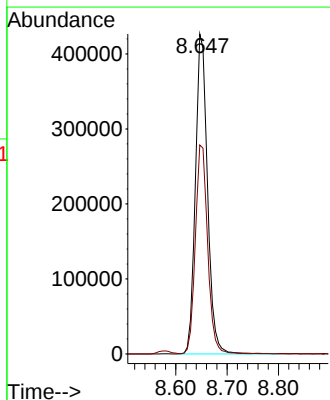
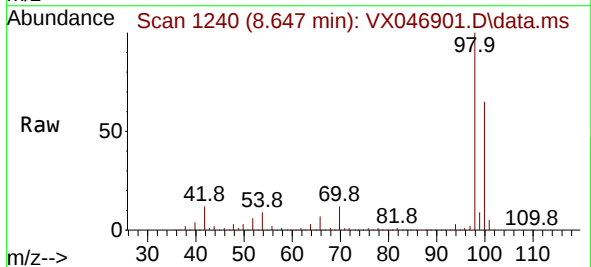
Manual Integrations
APPROVED

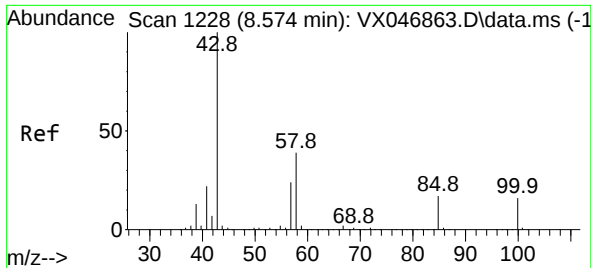
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#50
Toluene-d8
Concen: 48.197 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 98 Resp: 698224
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6





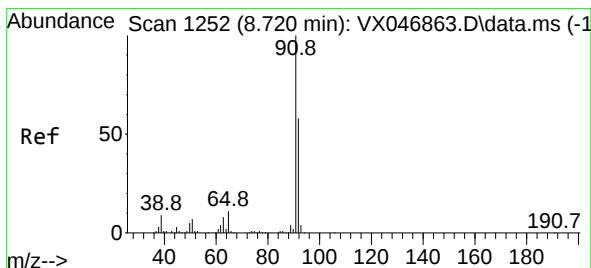
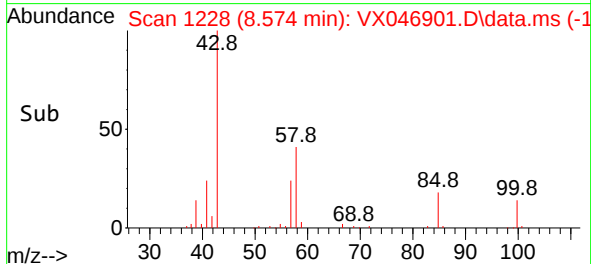
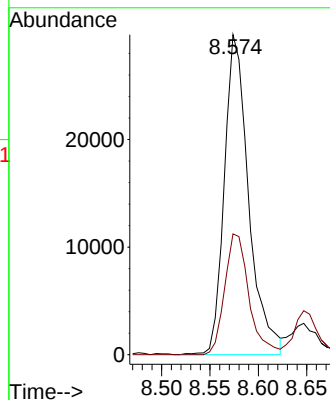
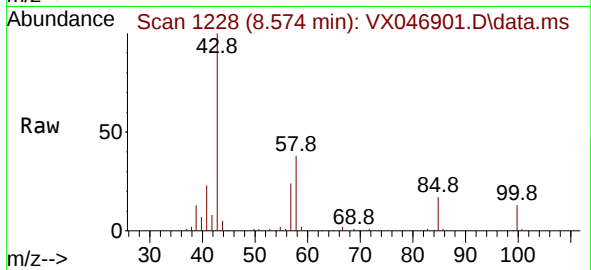
#51
4-Methyl-2-Pentanone
Concen: 12.201 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 5204
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

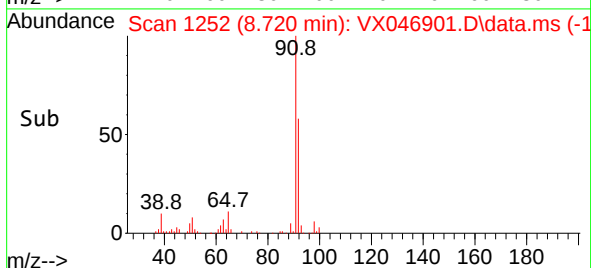
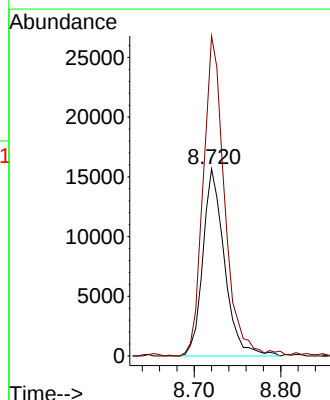
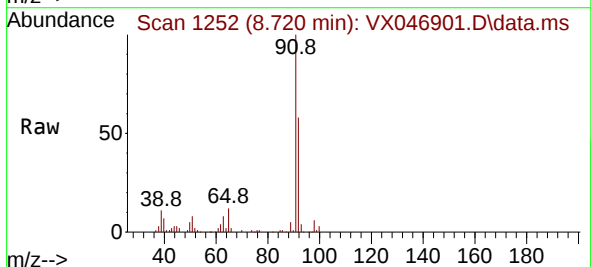
Manual Integrations
APPROVED

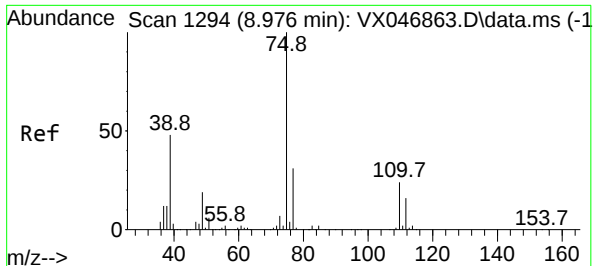
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#52
Toluene
Concen: 2.610 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 92 Resp: 27096
Ion Ratio Lower Upper
92 100
91 168.1 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 2.373 ug/l

RT: 8.988 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 75 Resp: 1326

Ion Ratio Lower Upper

75 100

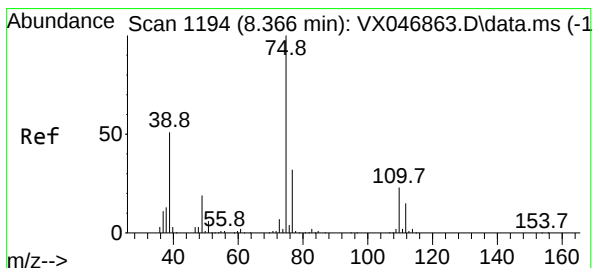
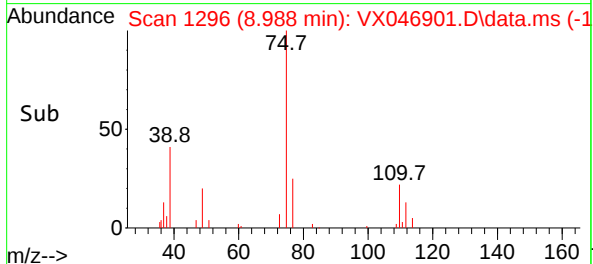
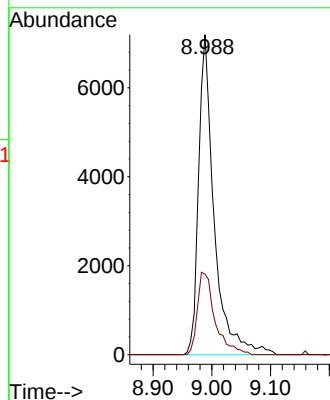
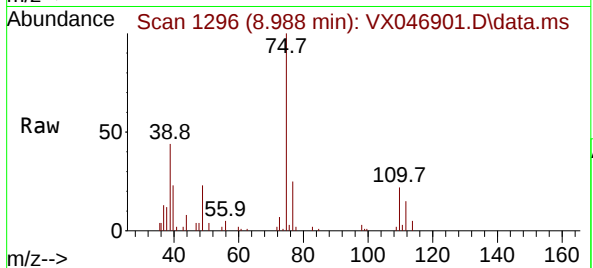
77 24.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#54

cis-1,3-Dichloropropene

Concen: 2.307 ug/l

RT: 8.379 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

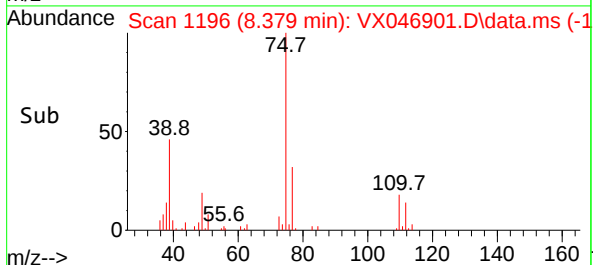
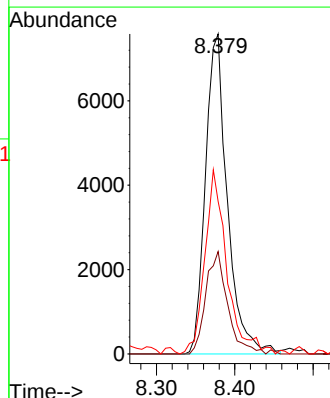
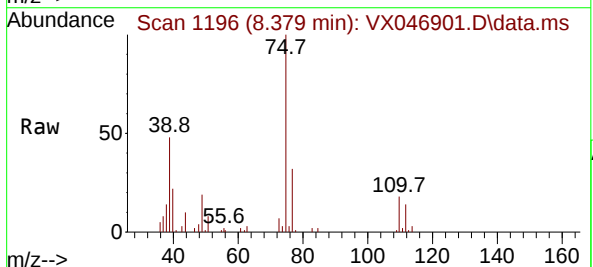
Tgt Ion: 75 Resp: 14722

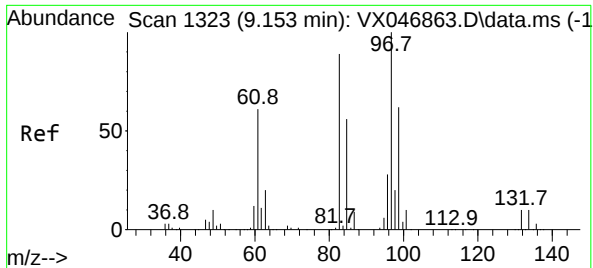
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

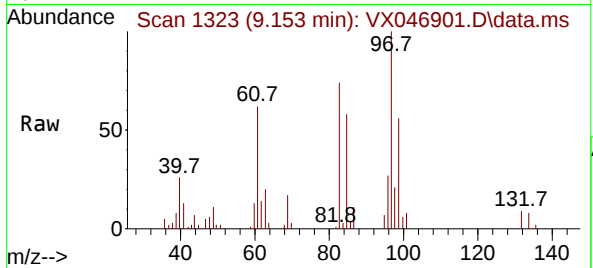
39 31.7 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 2.663 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

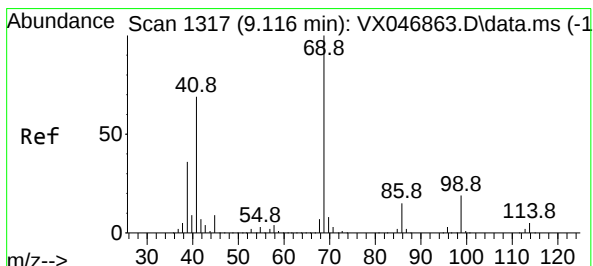
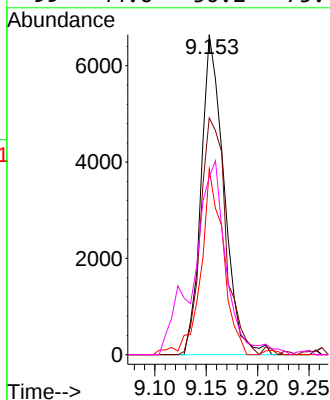
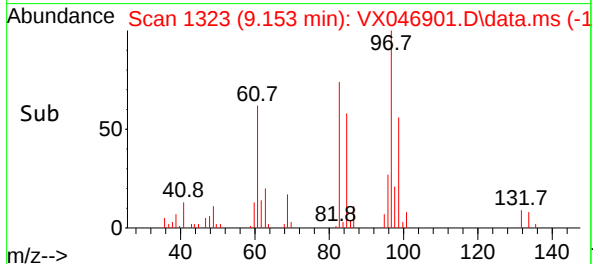
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



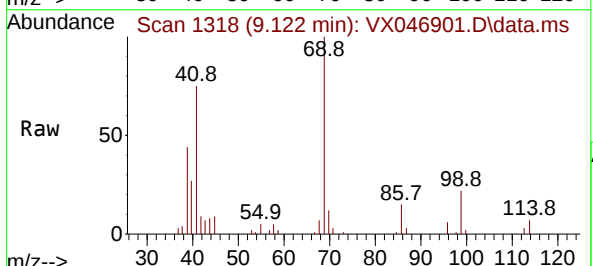
Tgt Ion	Ratio	Lower	Upper
97	100		
83	61.4	70.9	106.3
85	47.3	44.6	67.0
99	44.6	50.2	75.4

Manual Integrations
APPROVED

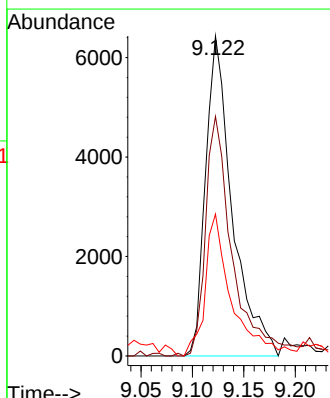
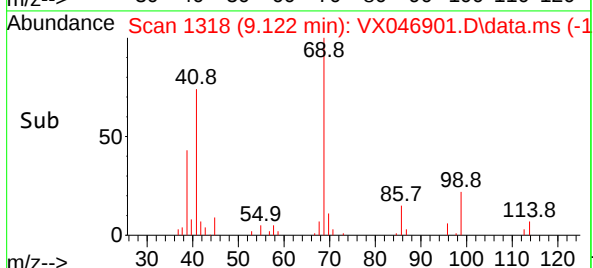
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

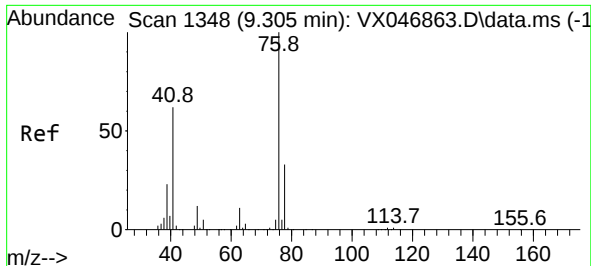


#56
Ethyl methacrylate
Concen: 2.173 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46



Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.4	54.6	82.0
39	44.1	28.7	43.1





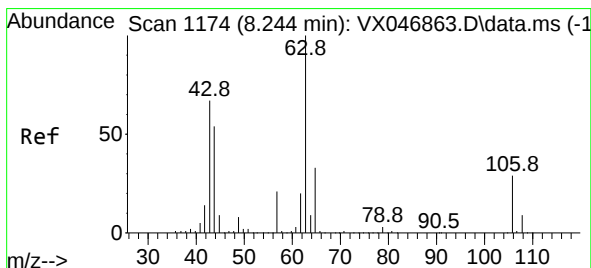
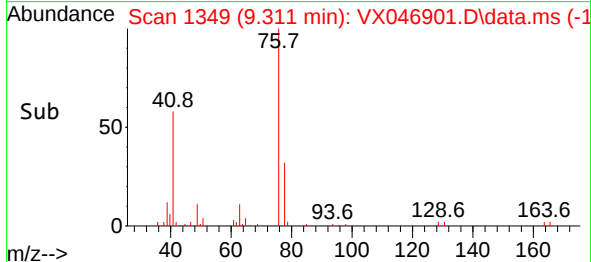
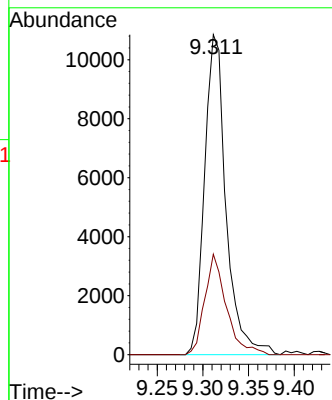
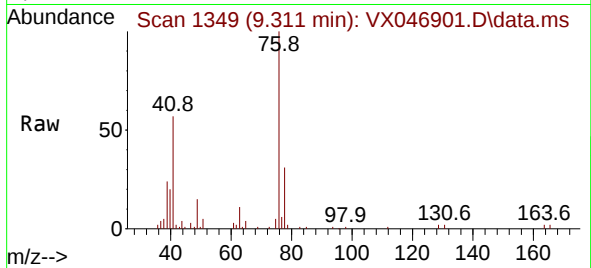
#57
1,3-Dichloropropane
Concen: 2.655 ug/l
RT: 9.311 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 1768
Ion Ratio Lower Upper
76 100
78 31.8 25.9 38.9

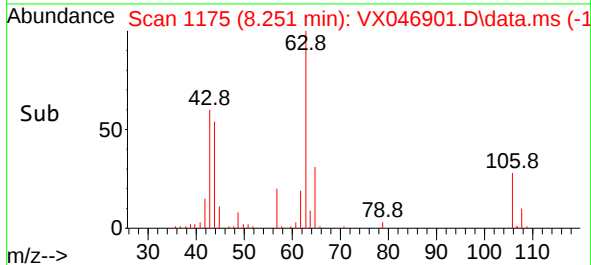
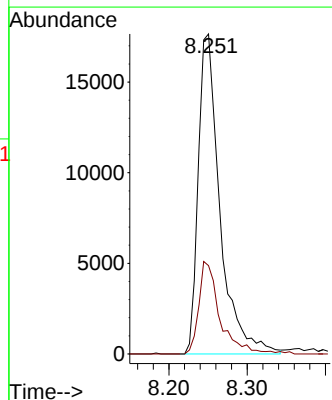
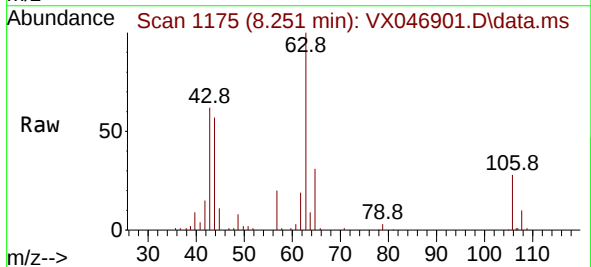
Manual Integrations
APPROVED

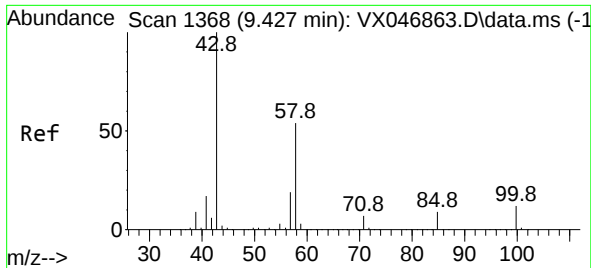
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#58
2-Chloroethyl Vinyl ether
Concen: 11.290 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 63 Resp: 34053
Ion Ratio Lower Upper
63 100
106 27.8 22.6 33.8





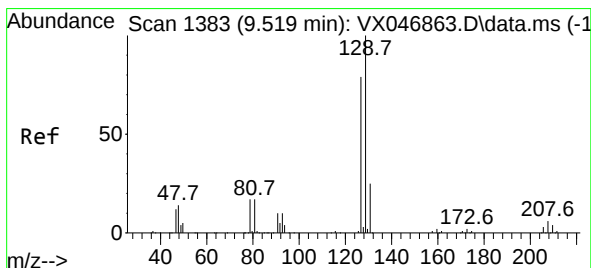
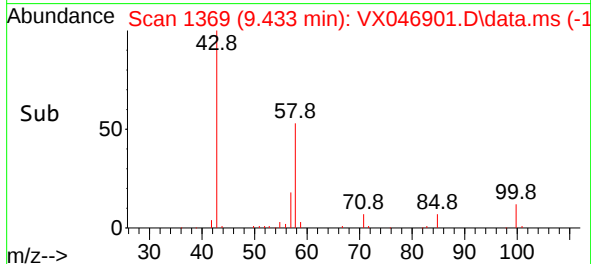
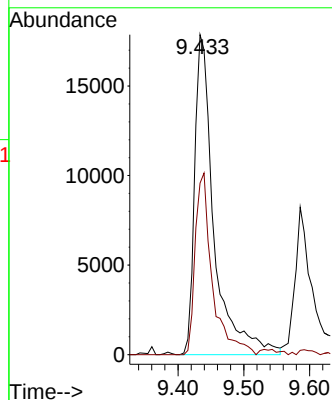
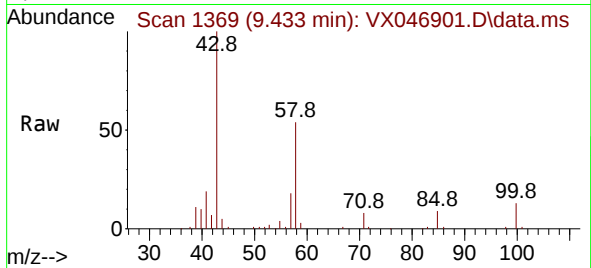
#59
2-Hexanone
Concen: 12.877 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 36430
Ion Ratio Lower Upper
43 100
58 50.1 27.1 81.3

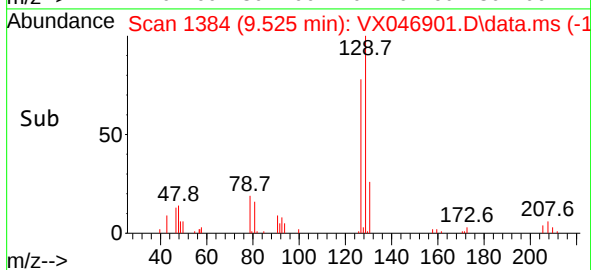
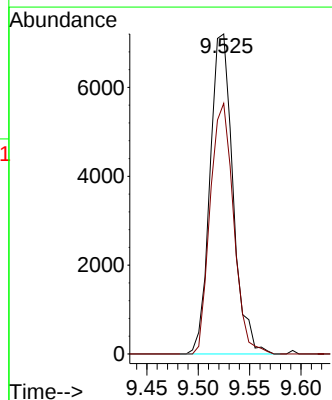
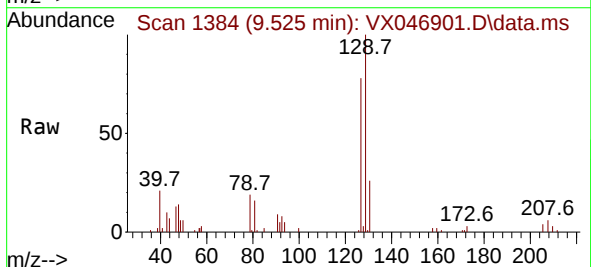
Manual Integrations
APPROVED

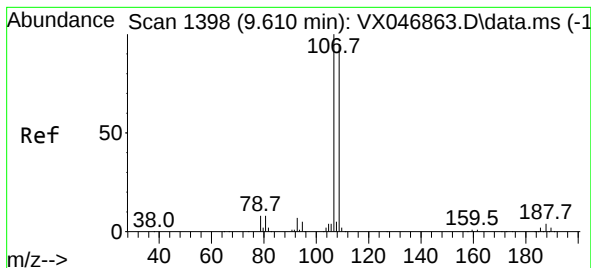
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#60
Dibromochloromethane
Concen: 2.417 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

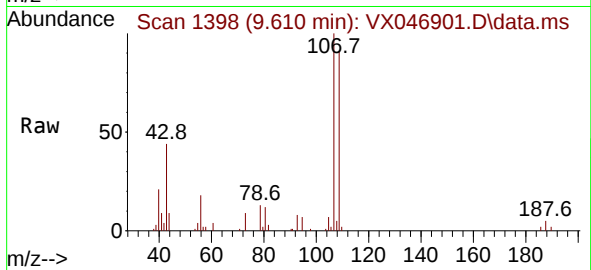
Tgt Ion:129 Resp: 11189
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.5





#61
1,2-Dibromoethane
Concen: 2.544 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

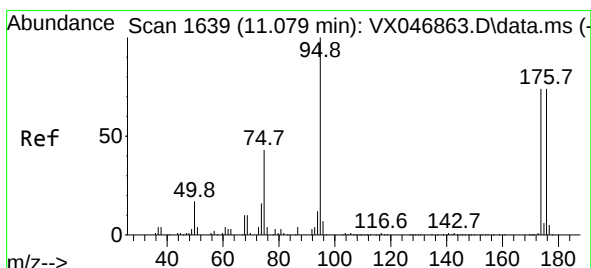
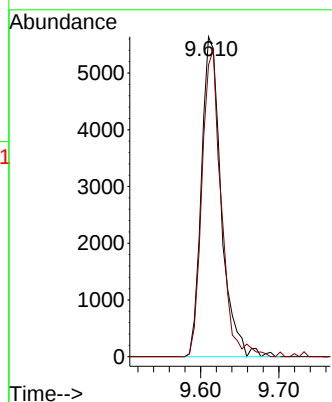
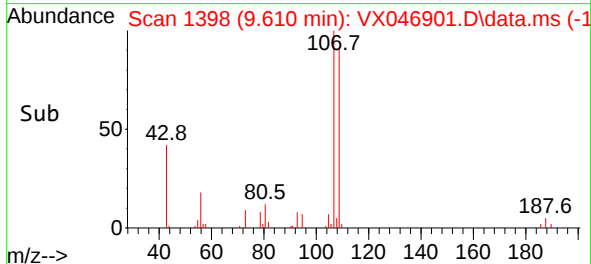
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



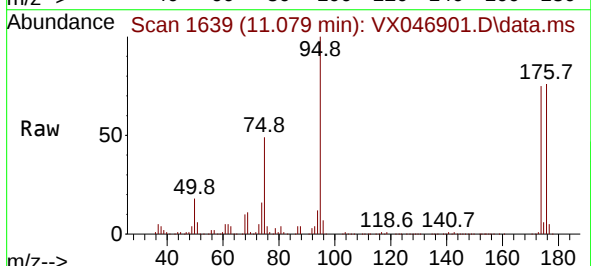
Tgt Ion:107 Resp: 9880
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2

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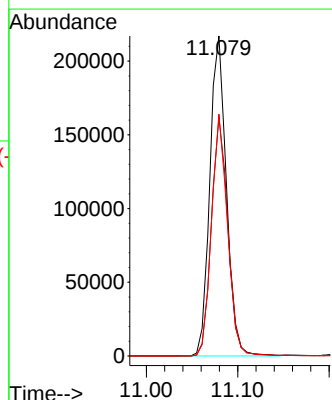
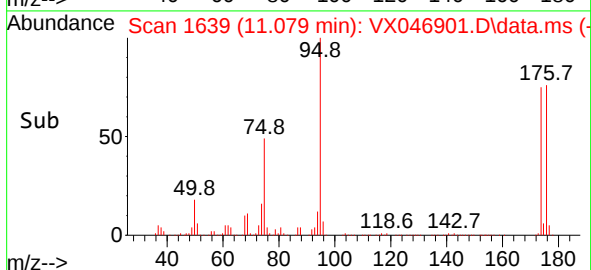
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

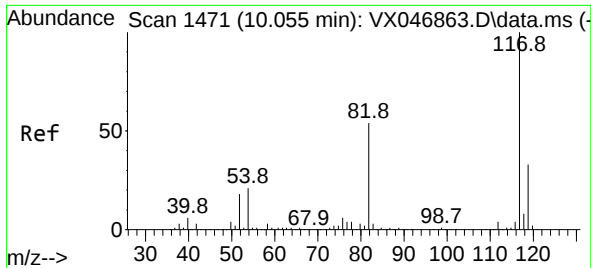


#62
4-Bromofluorobenzene
Concen: 49.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46



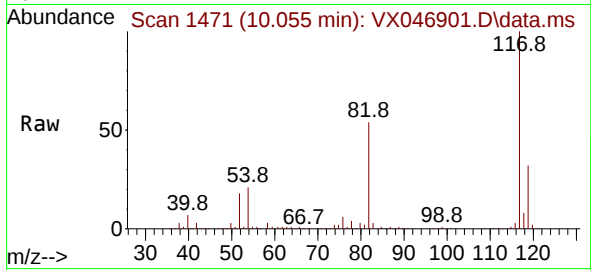
Tgt Ion: 95 Resp: 271838
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.0
176 73.3 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

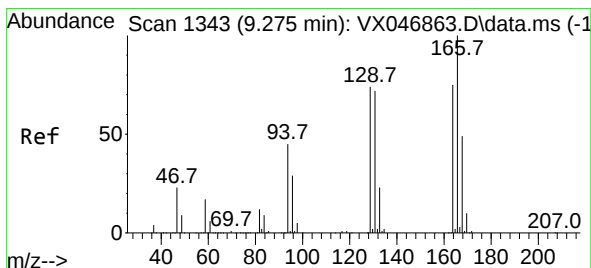
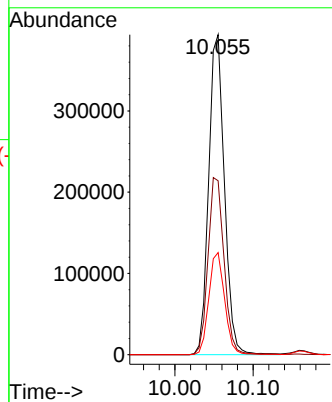
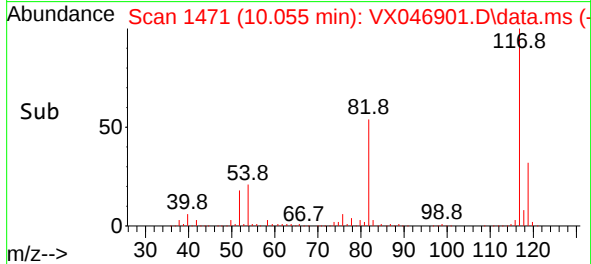
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:117 Resp: 54871
Ion Ratio Lower Upper
117 100
82 54.3 43.3 64.9
119 31.9 26.4 39.6

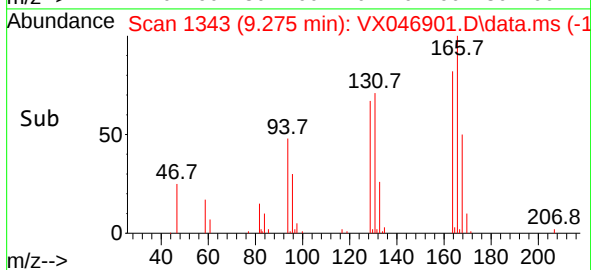
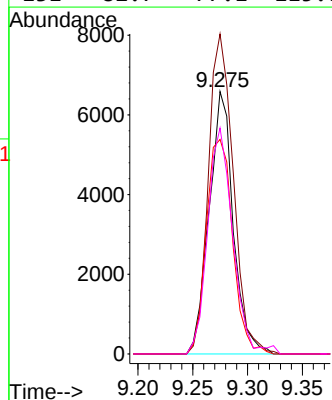
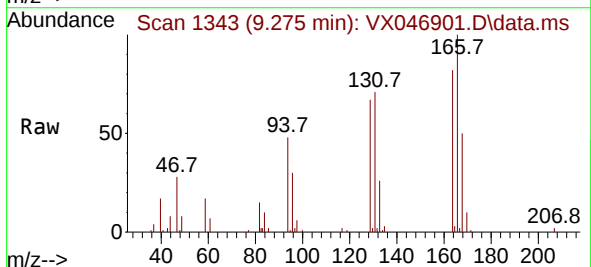
Manual Integrations
APPROVED

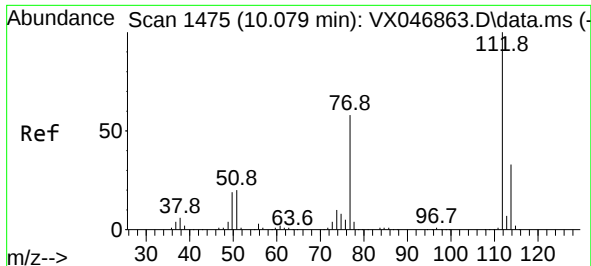
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#64
Tetrachloroethene
Concen: 2.762 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion:164 Resp: 10091
Ion Ratio Lower Upper
164 100
166 117.1 107.0 160.6
129 78.6 79.7 119.5#
131 82.7 77.1 115.7





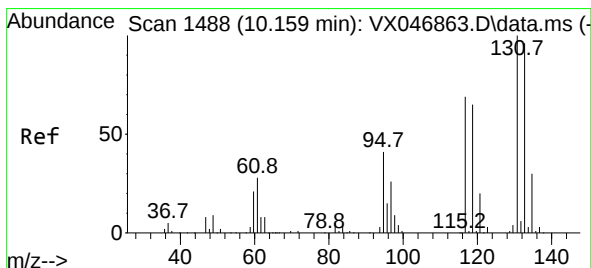
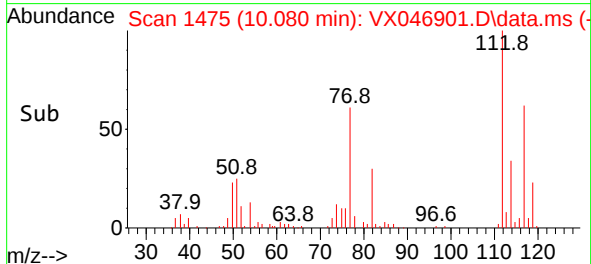
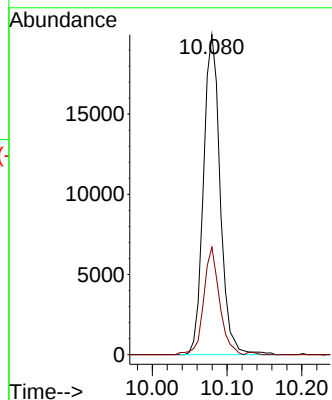
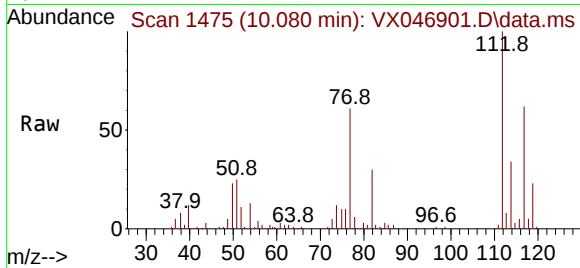
#65
Chlorobenzene
Concen: 2.609 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:112 Resp: 3094
Ion Ratio Lower Upper
112 100
114 33.6 26.3 39.5

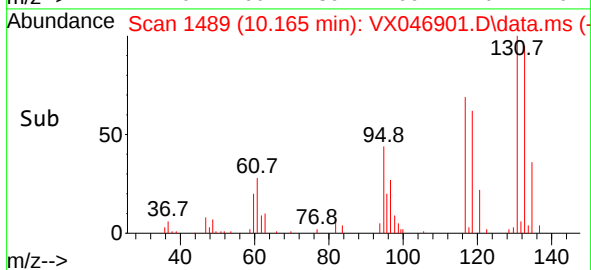
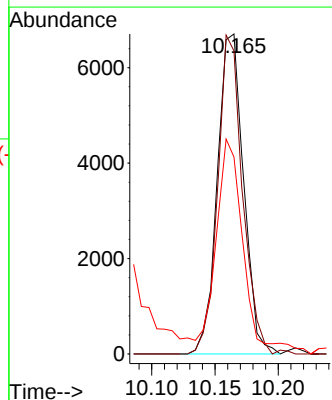
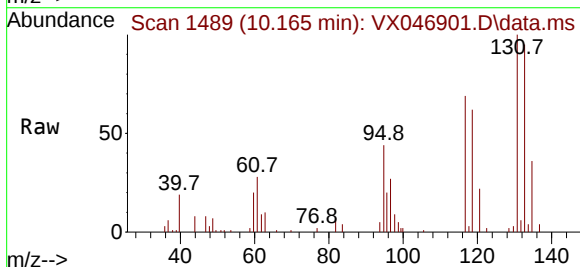
Manual Integrations
APPROVED

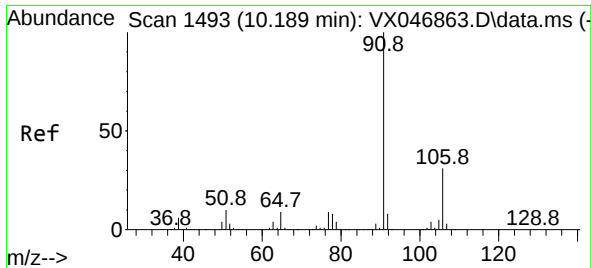
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.424 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

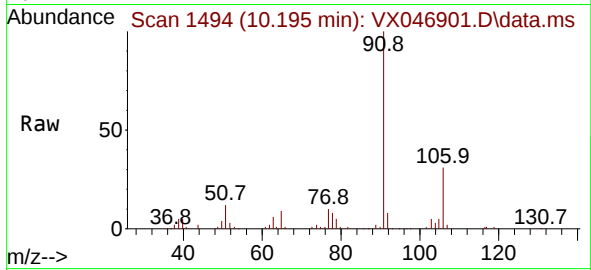
Tgt Ion:131 Resp: 9668
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 69.8 32.4 97.2





#67
Ethyl Benzene
Concen: 2.526 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

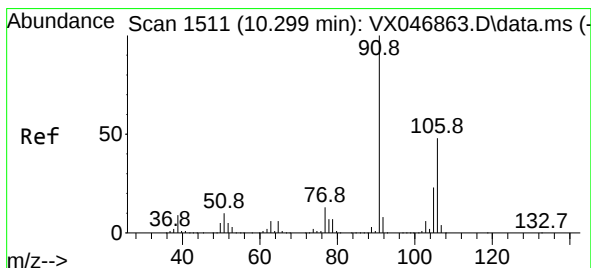
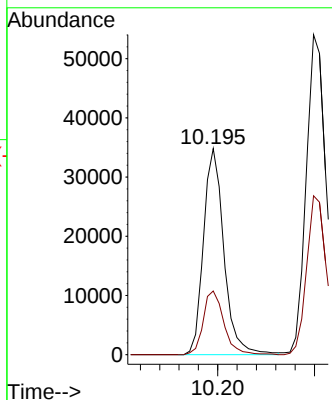
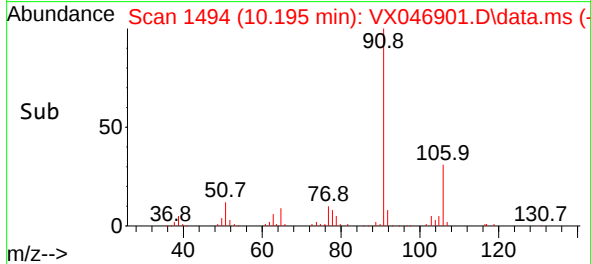
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 91 Resp: 51320
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

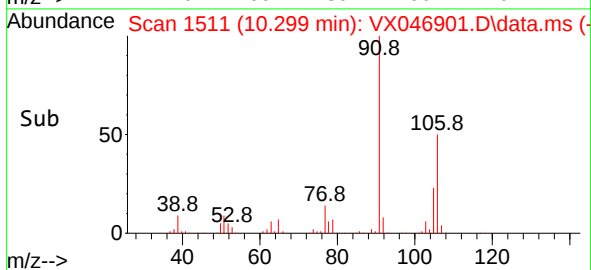
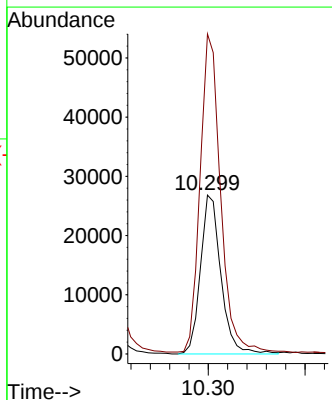
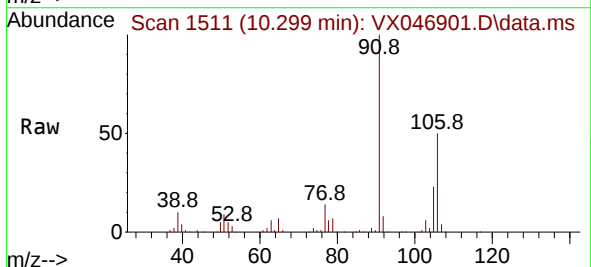
Manual Integrations
APPROVED

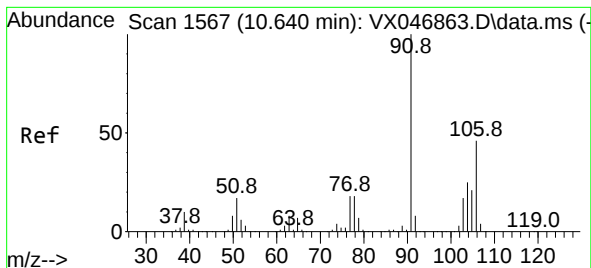
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#68
m/p-Xylenes
Concen: 5.169 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion:106 Resp: 39568
Ion Ratio Lower Upper
106 100
91 201.3 164.6 246.8





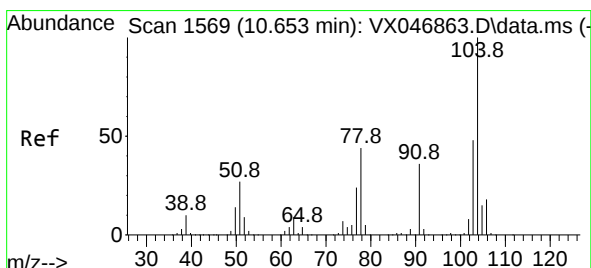
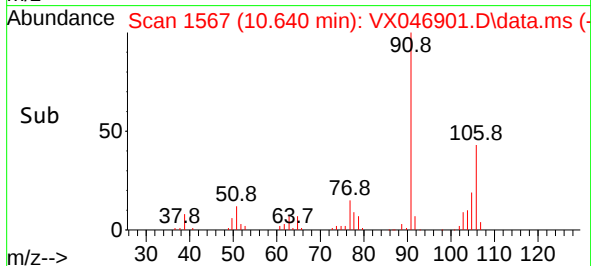
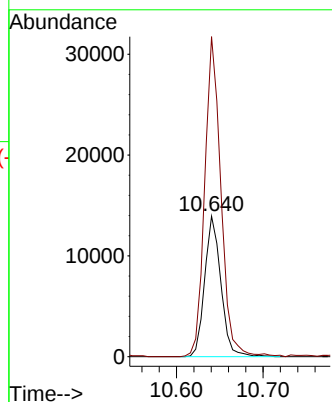
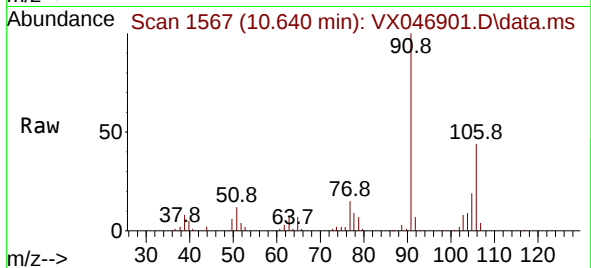
#69
o-Xylene
Concen: 2.454 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:106 Resp: 18150
Ion Ratio Lower Upper
106 100
91 227.6 109.5 328.5

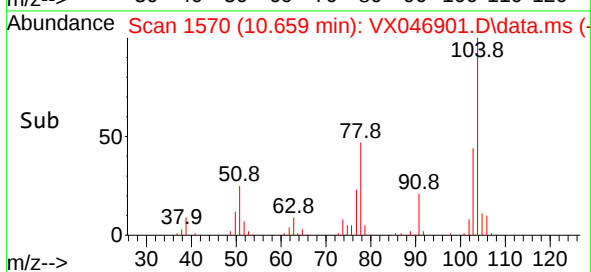
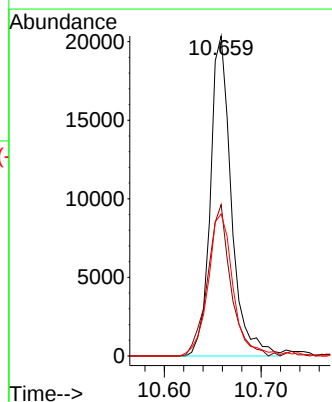
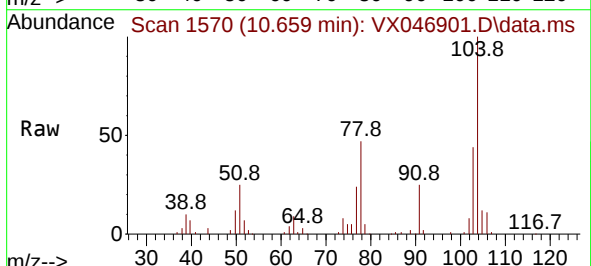
Manual Integrations
APPROVED

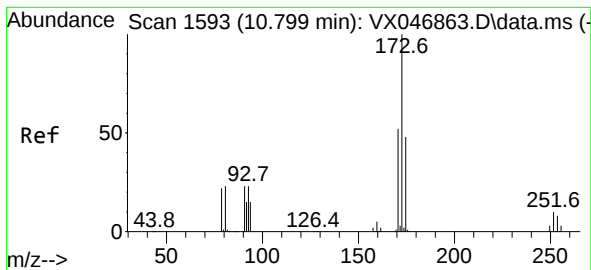
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#70
Styrene
Concen: 2.436 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion:104 Resp: 30819
Ion Ratio Lower Upper
104 100
78 52.2 40.3 60.5
103 52.7 42.8 64.2





#71

Bromoform

Concen: 2.448 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

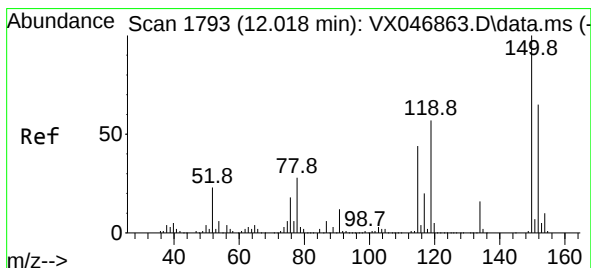
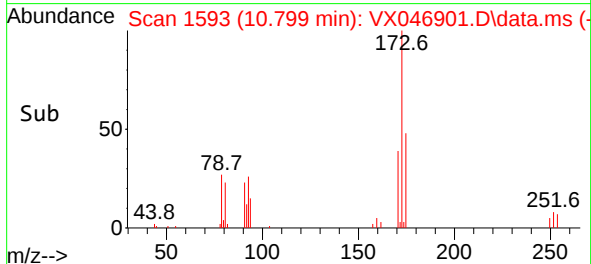
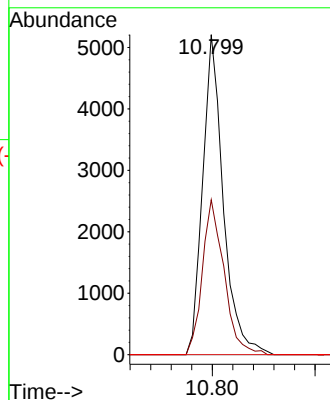
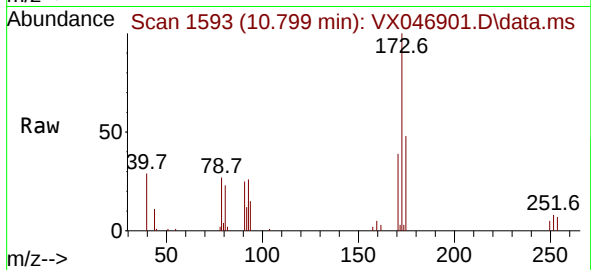
Tgt Ion:173 Resp: 7260
 Ion Ratio Lower Upper
 173 100
 175 51.0 23.8 71.5
 254 0.0 0.1 0.1

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

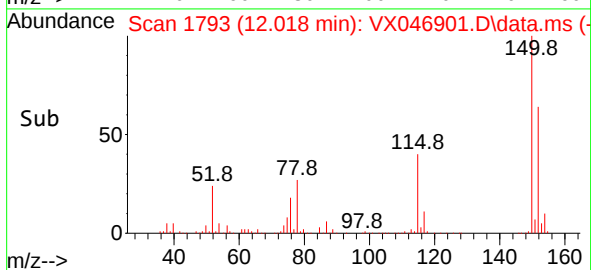
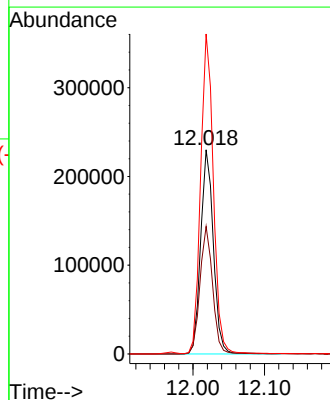
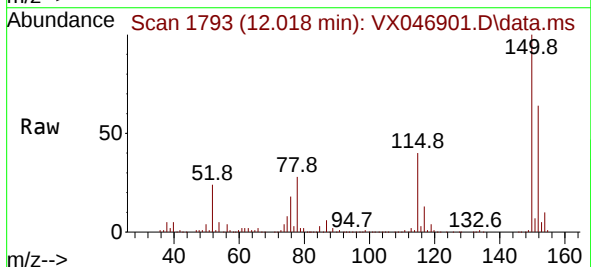
RT: 12.018 min Scan# 1793

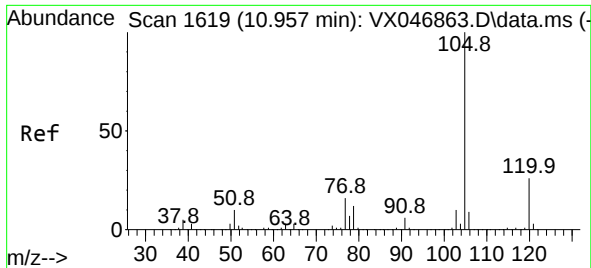
Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Tgt Ion:152 Resp: 283862
 Ion Ratio Lower Upper
 152 100
 115 62.2 42.4 127.1
 150 156.5 0.0 349.2





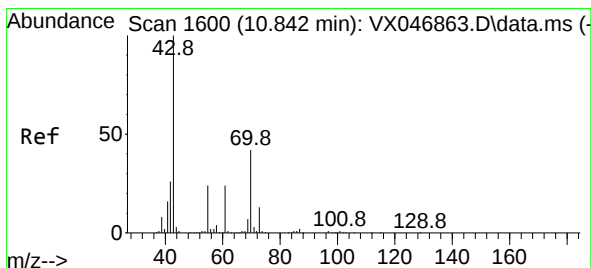
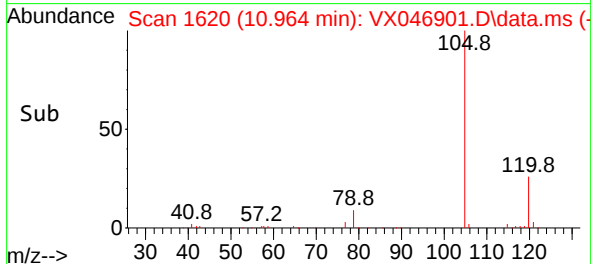
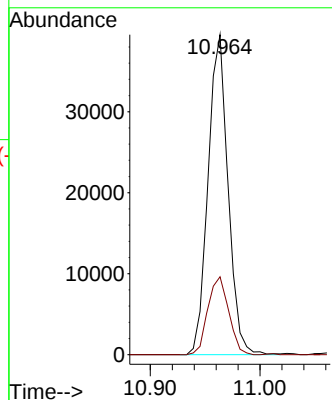
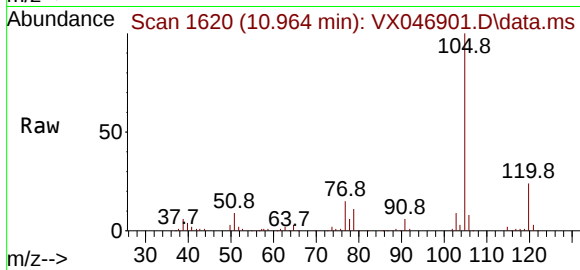
#73
Isopropylbenzene
Concen: 2.507 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 5003
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5

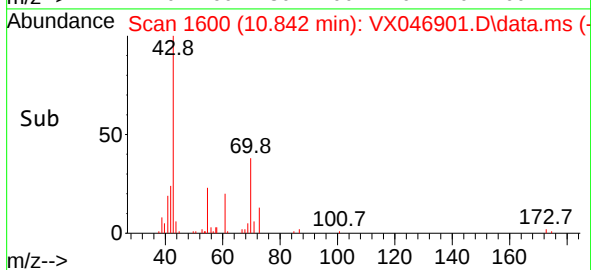
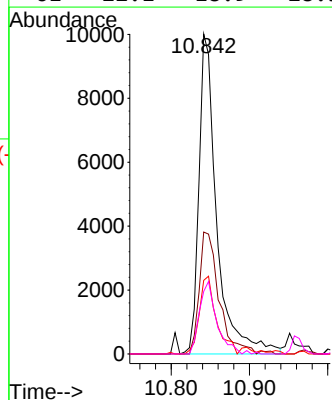
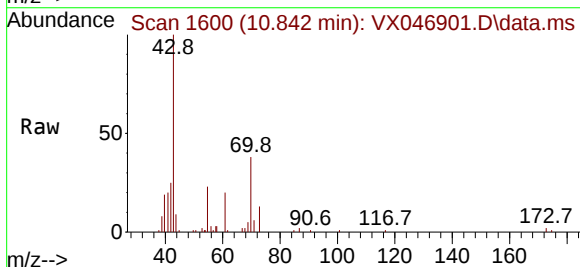
Manual Integrations
APPROVED

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



#74
N-ethyl acetate
Concen: 2.346 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

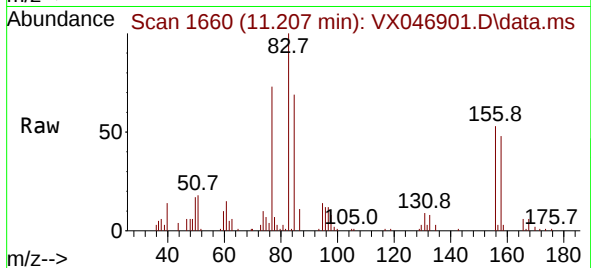
Tgt Ion: 43 Resp: 15906
Ion Ratio Lower Upper
43 100
70 41.9 33.4 50.2
55 23.0 19.6 29.4
61 22.1 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 2.635 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

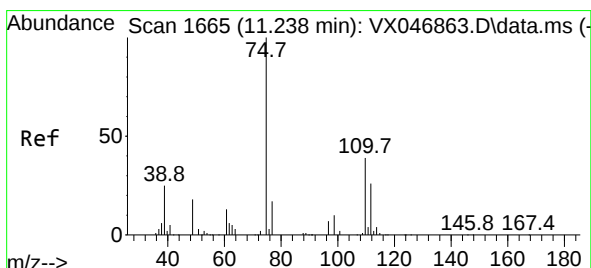
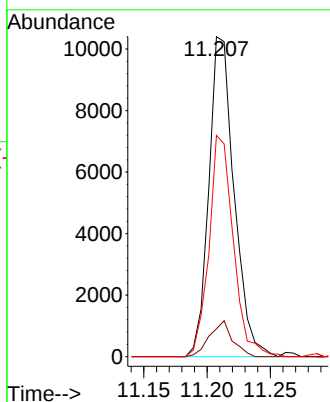
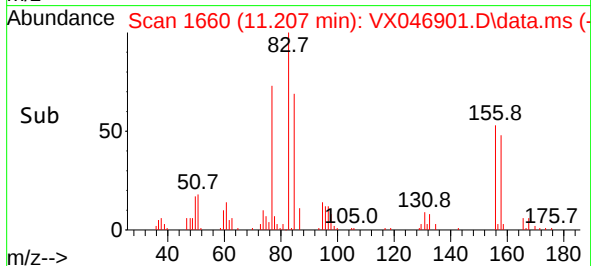
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 83 Resp: 14460
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 66.6 32.1 96.5

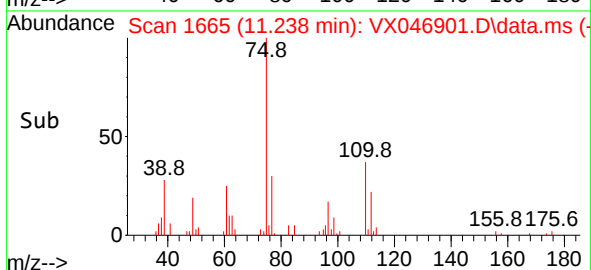
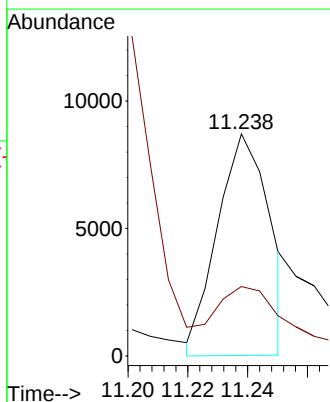
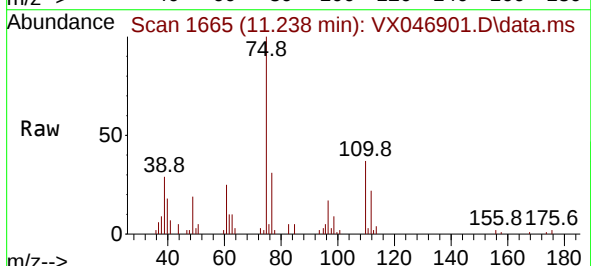
Manual Integrations
APPROVED

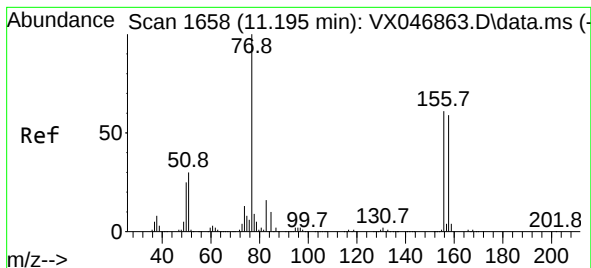
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#76
1,2,3-Trichloropropane
Concen: 2.404 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

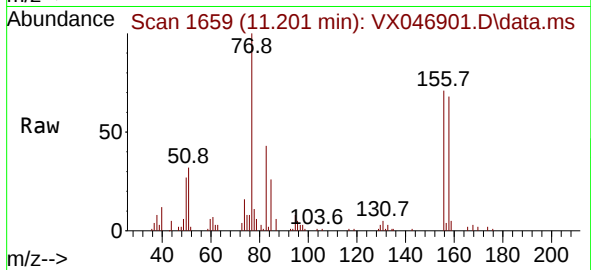
Tgt Ion: 75 Resp: 10546
Ion Ratio Lower Upper
75 100
77 42.1 20.6 61.8





#77
Bromobenzene
Concen: 2.589 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

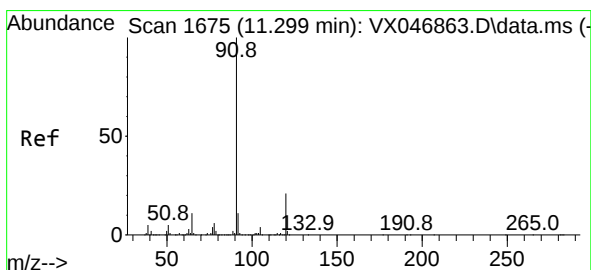
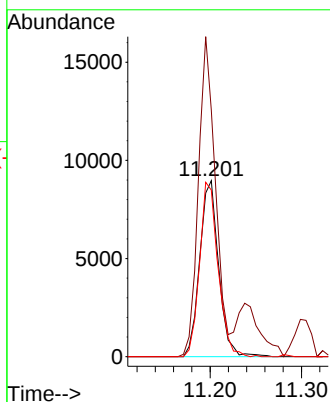
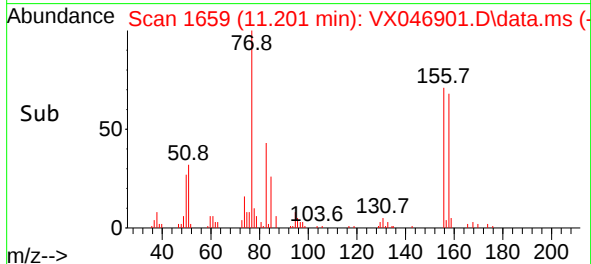
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:156 Resp: 12870
Ion Ratio Lower Upper
156 100
77 162.7 82.3 247.0
158 96.6 47.5 142.6

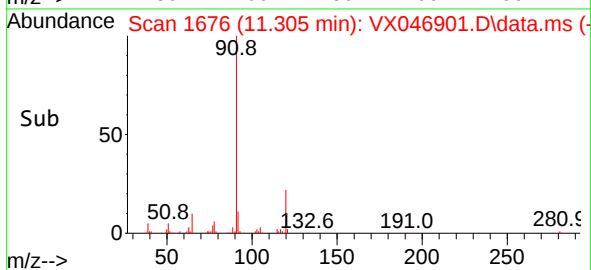
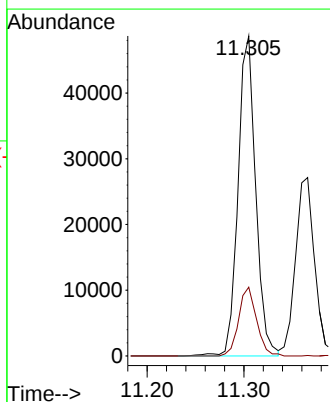
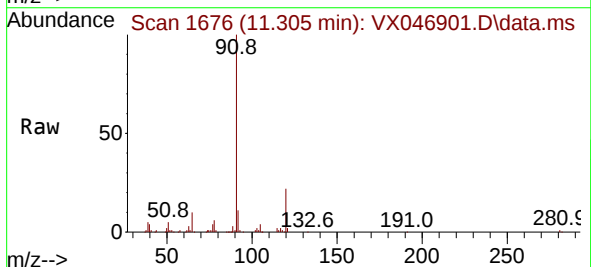
Manual Integrations
APPROVED

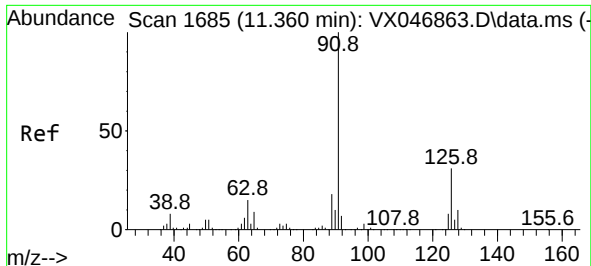
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#78
n-propylbenzene
Concen: 2.569 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 91 Resp: 61822
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.5





#79

2-Chlorotoluene

Concen: 2.656 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 3773

Ion Ratio Lower Upper

91 100

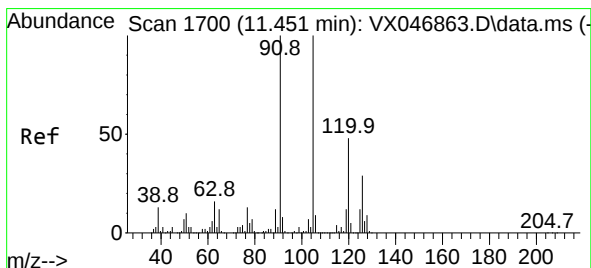
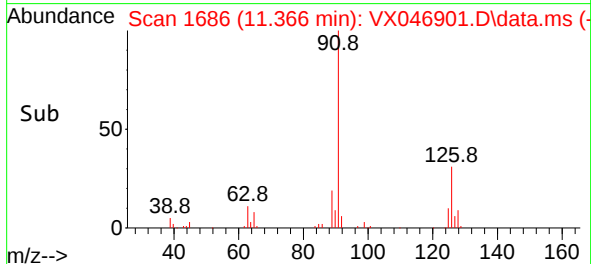
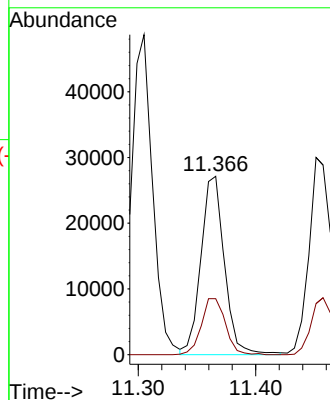
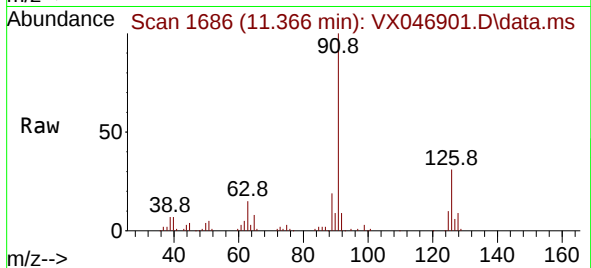
126 32.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#80

1,3,5-Trimethylbenzene

Concen: 2.491 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046901.D

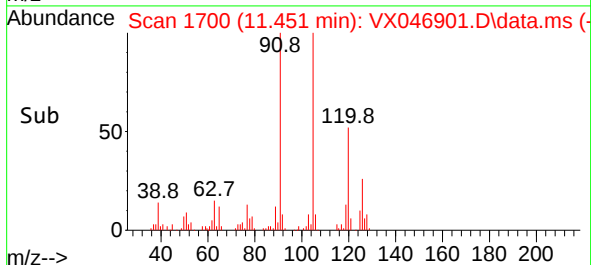
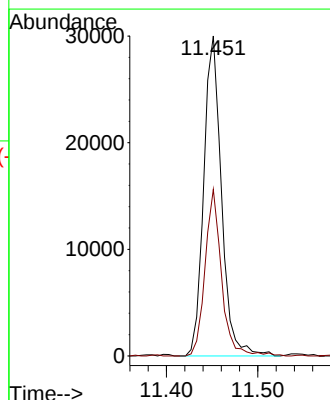
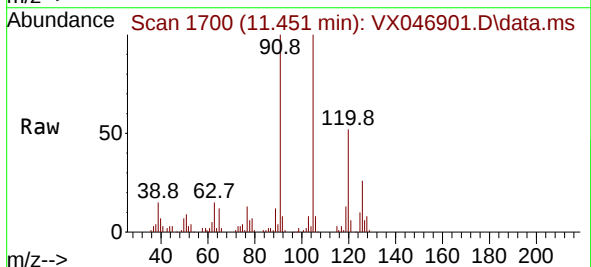
Acq: 07 Jul 2025 12:46

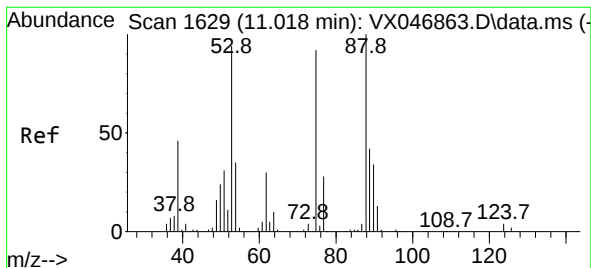
Tgt Ion:105 Resp: 40397

Ion Ratio Lower Upper

105 100

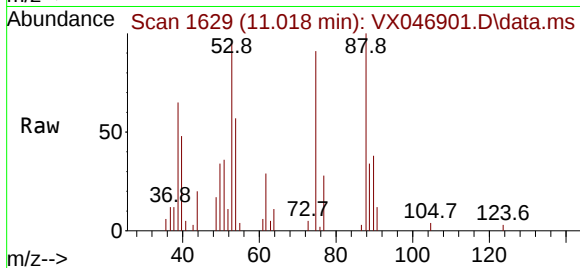
120 48.3 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 1.839 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

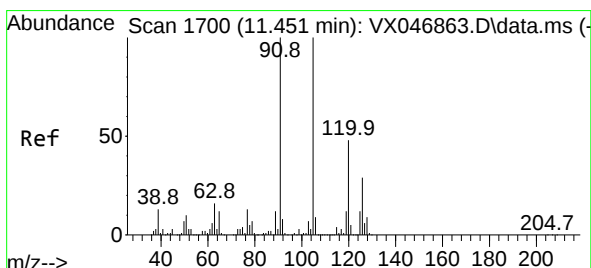
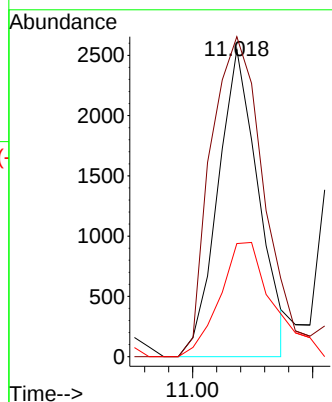
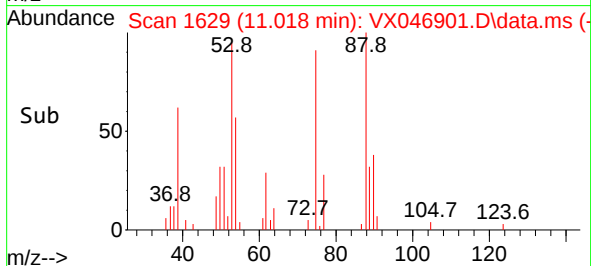
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 75 Resp: 3000
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5
89 0.0 38.2 57.2

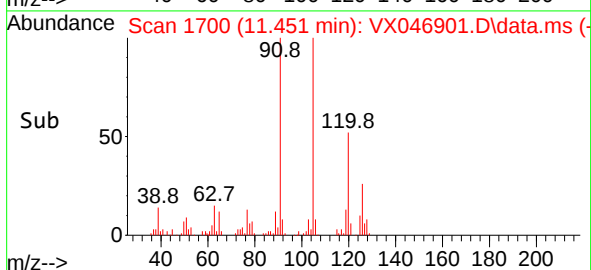
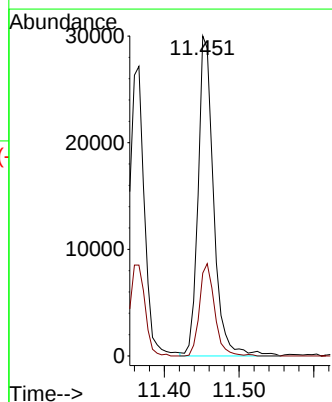
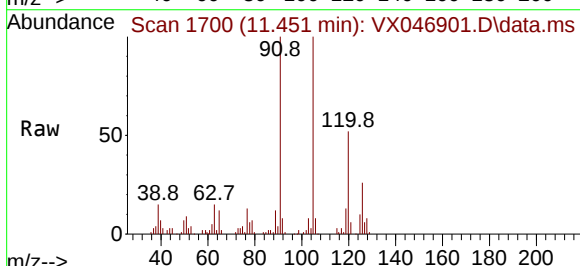
Manual Integrations
APPROVED

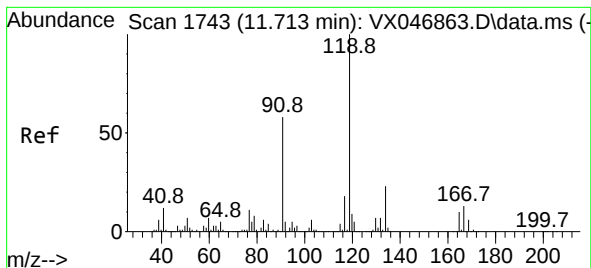
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#82
4-Chlorotoluene
Concen: 2.640 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

Tgt Ion: 91 Resp: 43283
Ion Ratio Lower Upper
91 100
126 28.2 14.6 44.0





#83

tert-Butylbenzene

Concen: 2.466 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

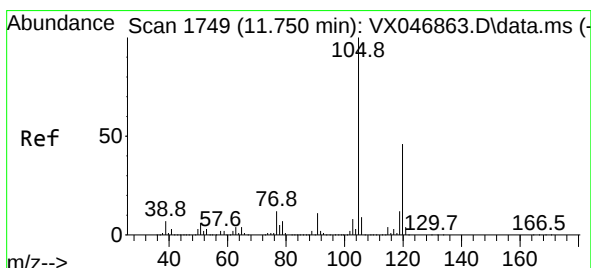
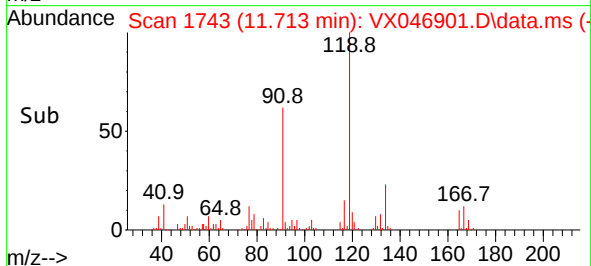
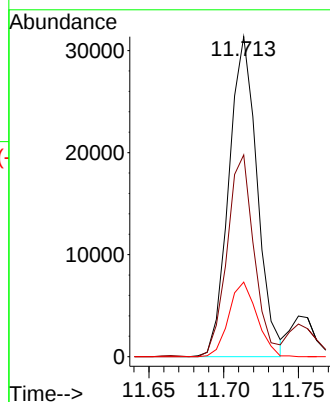
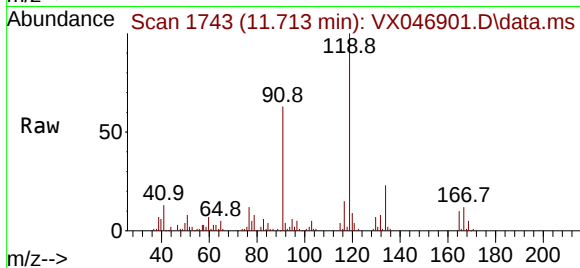
Tgt Ion:	119	Resp:	4129
Ion Ratio	Lower	Upper	
119	100		
91	60.5	28.7	86.3
134	23.2	11.4	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 2.441 ug/l

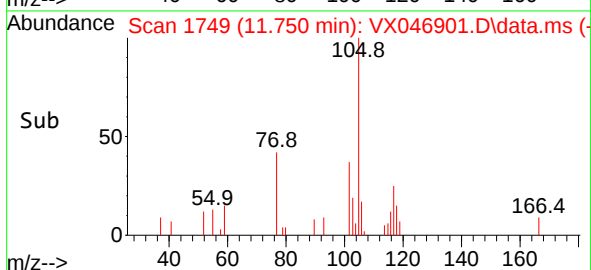
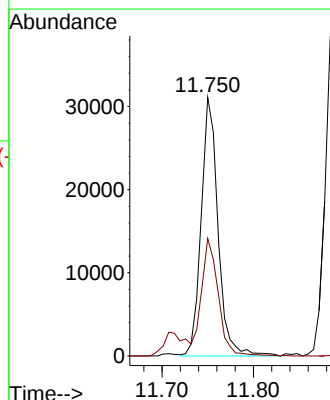
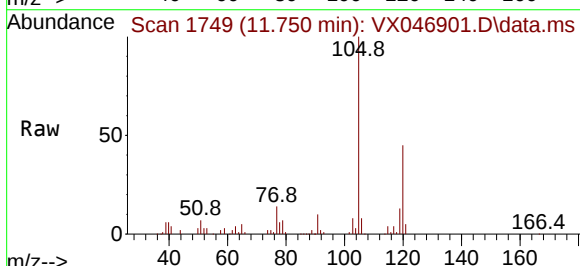
RT: 11.750 min Scan# 1749

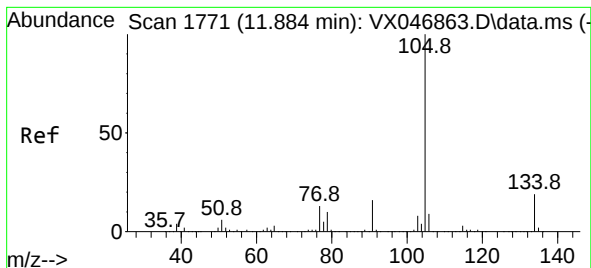
Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

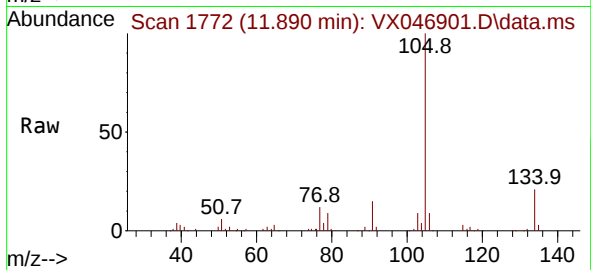
Tgt Ion:	105	Resp:	40007
Ion Ratio	Lower	Upper	
105	100		
120	45.3	23.3	69.8





#85
 sec-Butylbenzene
 Concen: 2.507 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX046901.D
 Acq: 07 Jul 2025 12:46

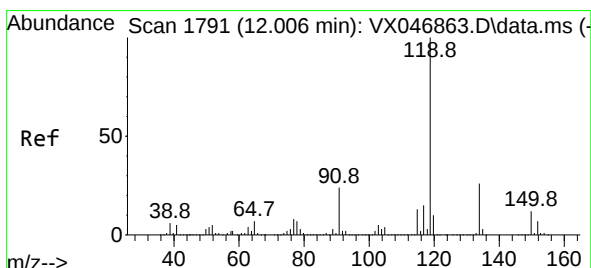
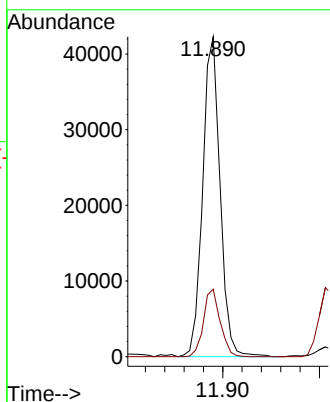
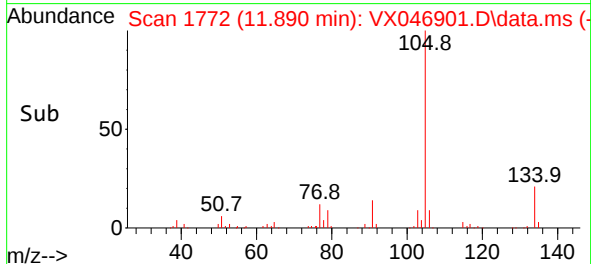
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



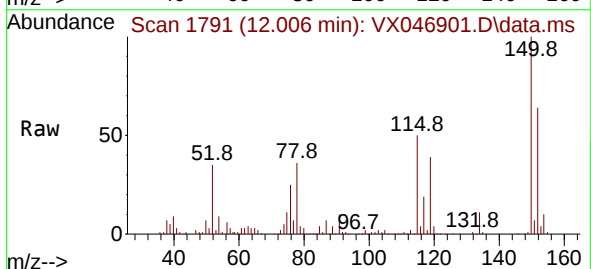
Tgt Ion:105 Resp: 52940
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

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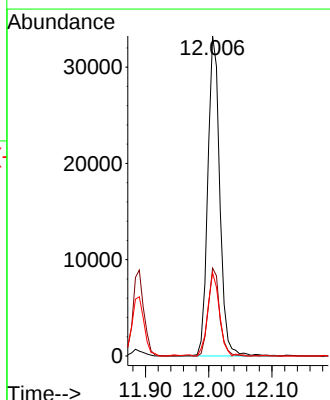
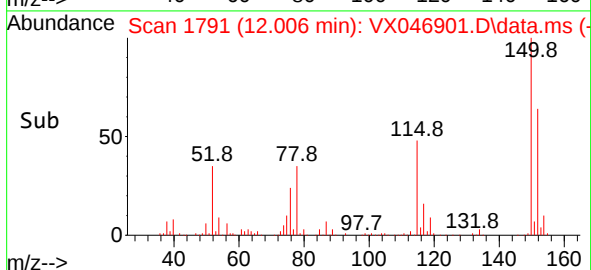
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025

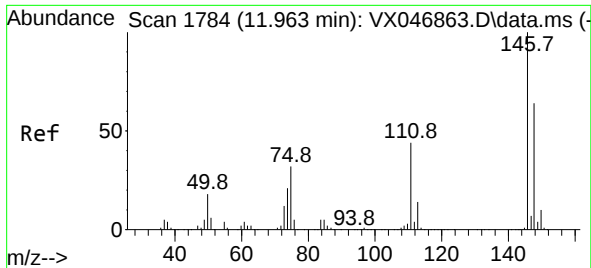


#86
 p-Isopropyltoluene
 Concen: 2.476 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046901.D
 Acq: 07 Jul 2025 12:46



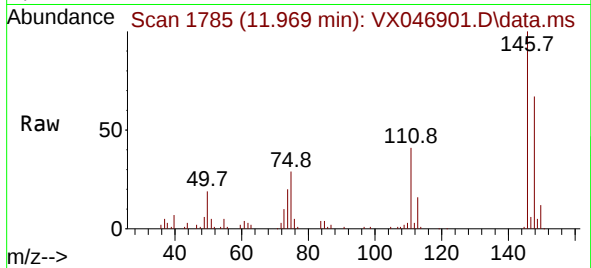
Tgt Ion:119 Resp: 43784
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.6 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 2.620 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

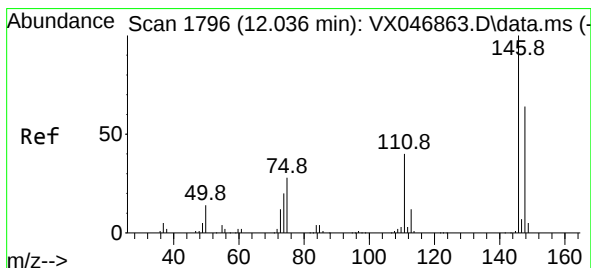
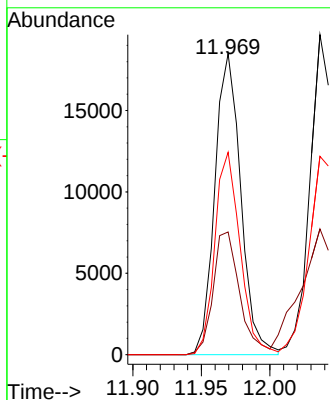
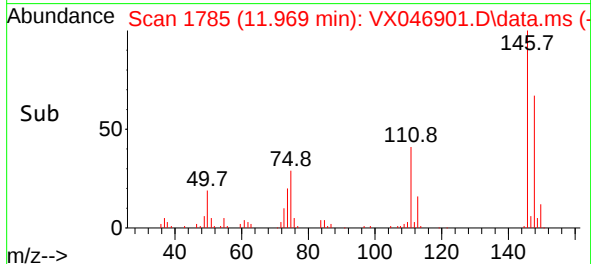
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



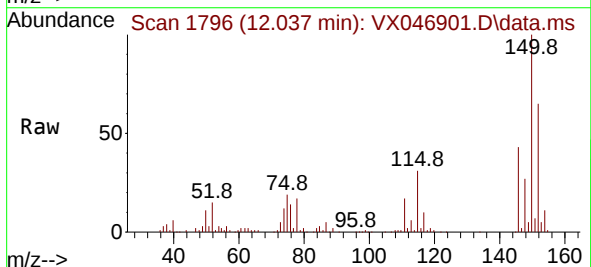
Tgt Ion:146 Resp: 2435
Ion Ratio Lower Upper
146 100
111 41.8 20.5 61.6
148 65.6 31.4 94.2

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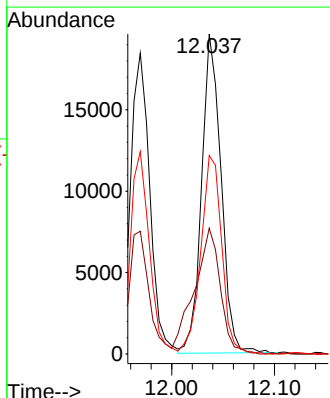
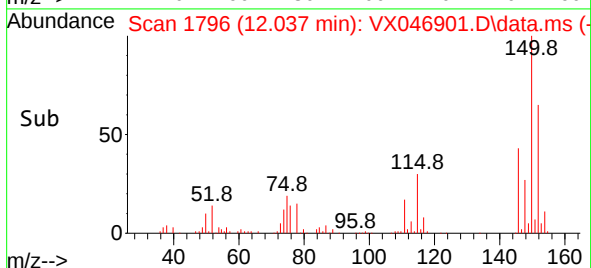
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#88
1,4-Dichlorobenzene
Concen: 2.663 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46



Tgt Ion:146 Resp: 25762
Ion Ratio Lower Upper
146 100
111 52.8 20.2 60.5
148 67.1 32.4 97.0





#89

n-Butylbenzene

Concen: 2.378 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

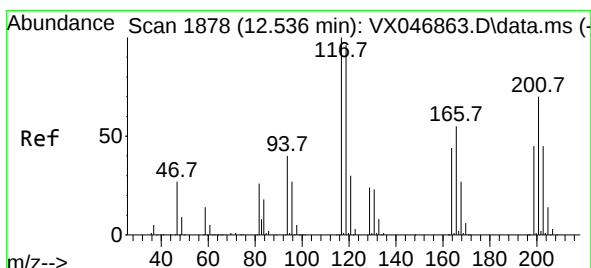
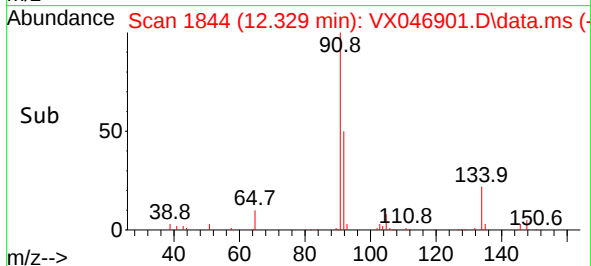
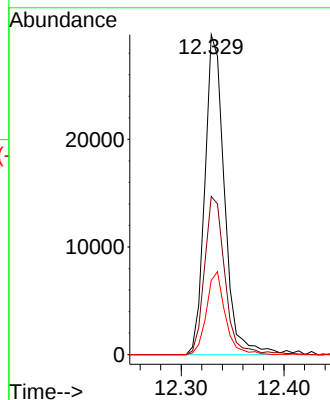
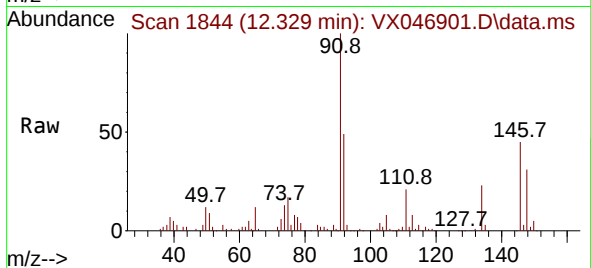
Tgt Ion:	91	Resp:	39504
Ion	Ratio	Lower	Upper
91	100		
92	51.6	27.0	81.0
134	24.8	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#90

Hexachloroethane

Concen: 2.240 ug/l

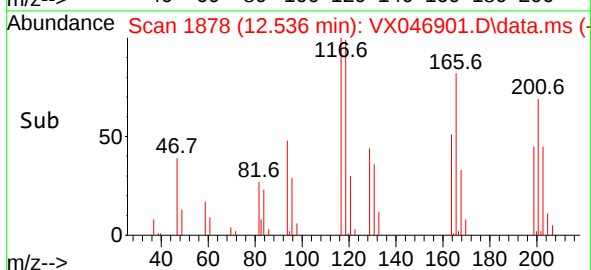
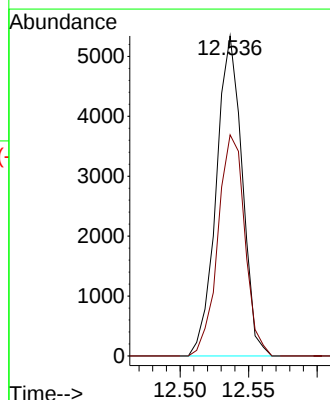
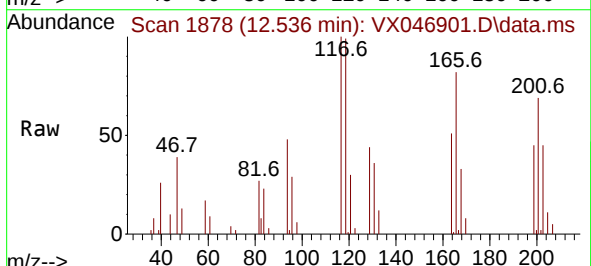
RT: 12.536 min Scan# 1878

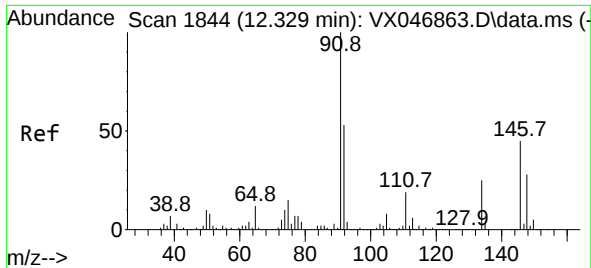
Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

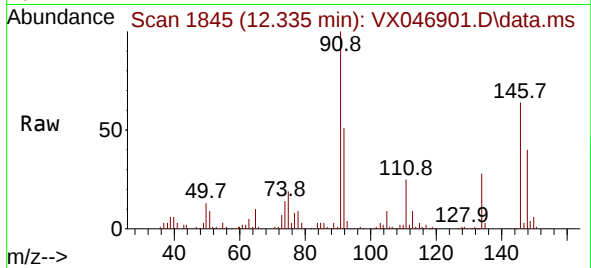
Tgt Ion:	117	Resp:	7020
Ion	Ratio	Lower	Upper
117	100		
201	71.8	35.8	107.4





#91
1,2-Dichlorobenzene
Concen: 2.559 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

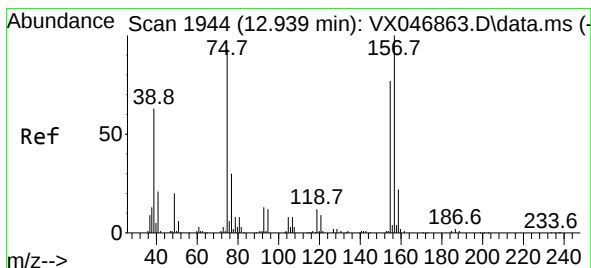
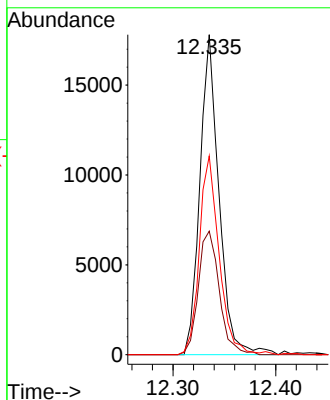
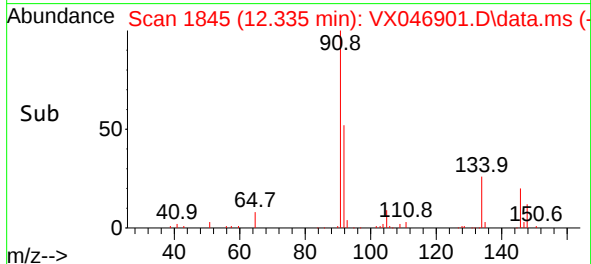
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:146 Resp: 2305
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.1
148 64.4 31.6 95.0

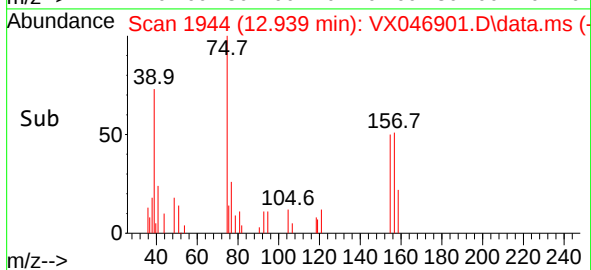
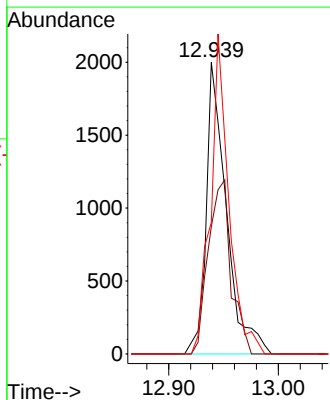
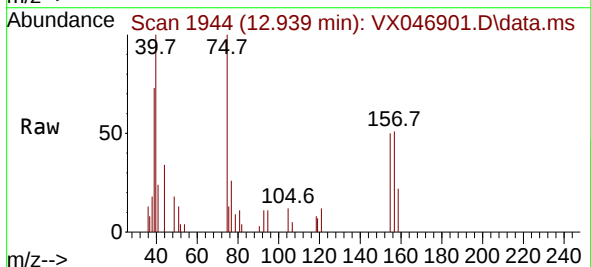
Manual Integrations
APPROVED

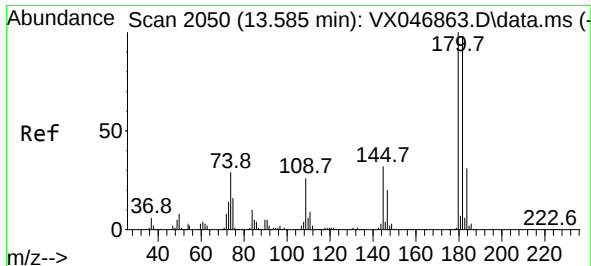
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.656 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

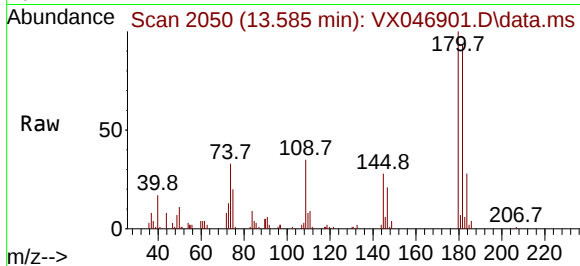
Tgt Ion: 75 Resp: 2549
Ion Ratio Lower Upper
75 100
155 67.3 43.1 129.4
157 100.2 56.5 169.5





#93
1,2,4-Trichlorobenzene
Concen: 2.332 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

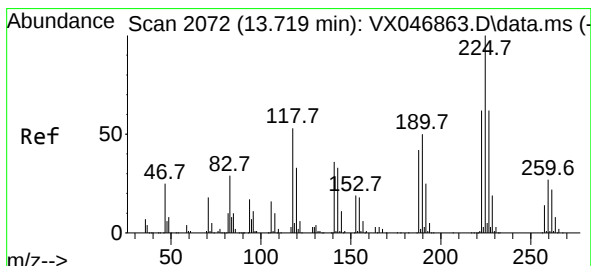
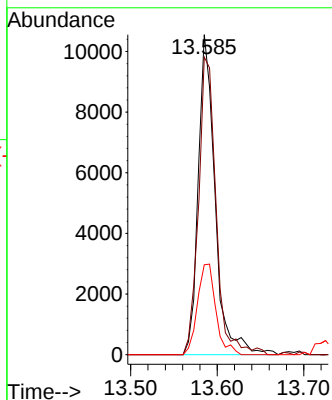
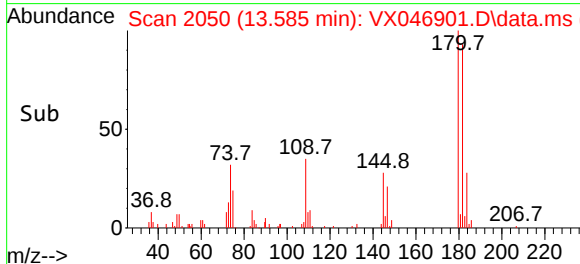
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



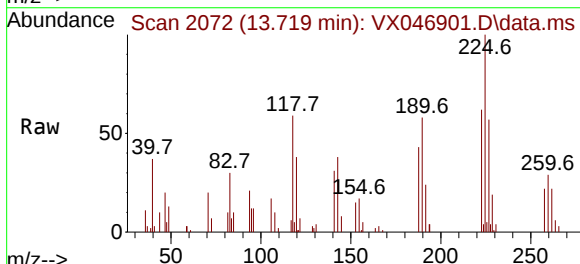
Tgt Ion:180 Resp: 1427
Ion Ratio Lower Upper
180 100
182 97.1 47.3 141.9
145 30.8 16.1 48.2

Manual Integrations
APPROVED

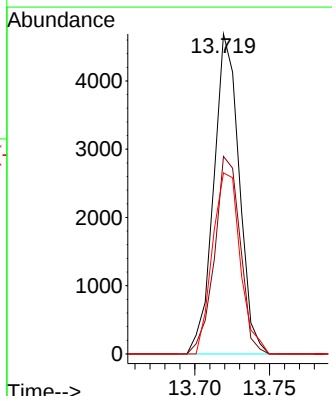
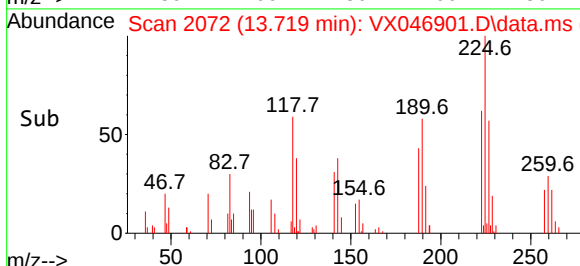
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

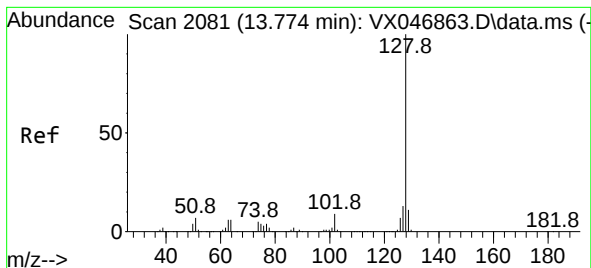


#94
Hexachlorobutadiene
Concen: 2.401 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46



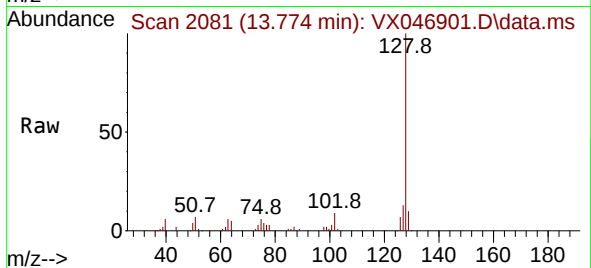
Tgt Ion:225 Resp: 5542
Ion Ratio Lower Upper
225 100
223 62.1 31.6 94.7
227 61.7 31.6 94.7





#95
Naphthalene
Concen: 2.349 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46

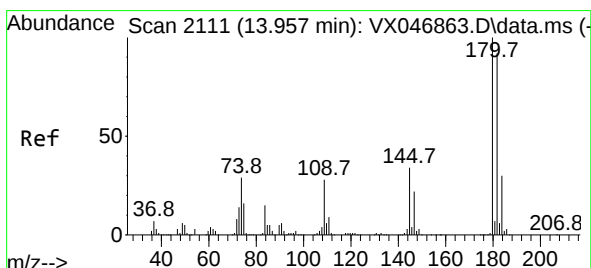
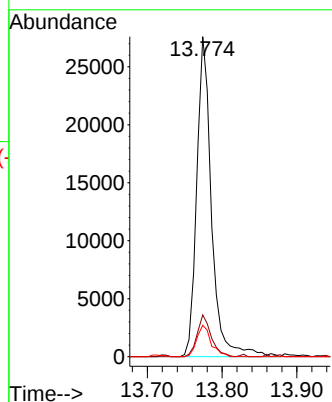
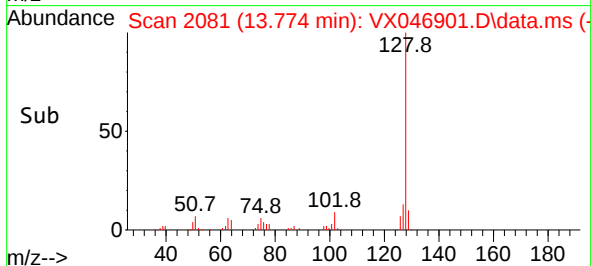
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



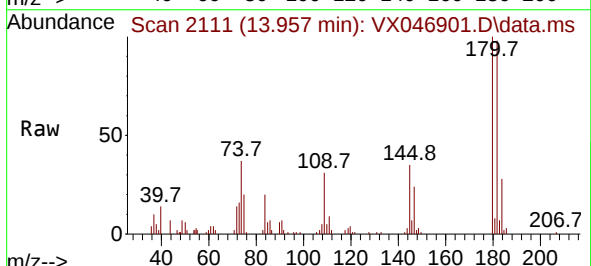
Tgt Ion:128 Resp: 3788
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 9.5 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.280 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046901.D
Acq: 07 Jul 2025 12:46



Tgt Ion:180 Resp: 13181
Ion Ratio Lower Upper
180 100
182 96.3 46.7 140.1
145 35.4 16.8 50.3

