

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046386.D
 Acq On : 28 May 2025 15:49
 Operator : JC/MD
 Sample : Q2126-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: May 29 03:39:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	84395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81259	51.646	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.300%			
35) Dibromofluoromethane	5.379	113	55622	51.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.647	98	181669	48.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	66376	45.859	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1010	0.782	ug/l	88
3) Chloromethane	1.300	50	1008	0.805	ug/l	96
4) Vinyl Chloride	1.374	62	896	0.769	ug/l	94
5) Bromomethane	1.599	94	614	1.136	ug/l	88
6) Chloroethane	1.678	64	538	0.864	ug/l #	83
7) Trichlorofluoromethane	1.880	101	1368	0.794	ug/l	96
8) Diethyl Ether	2.142	74	374	0.638	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.325	101	920	0.863	ug/l	98
10) Methyl Iodide	2.447	142	884	0.701	ug/l #	82
11) Tert butyl alcohol	2.971	59	981	4.442	ug/l #	72
12) 1,1-Dichloroethene	2.312	96	785	0.784	ug/l	83
13) Acrolein	2.233	56	421	1.674	ug/l #	83
14) Allyl chloride	2.654	41	1697	0.887	ug/l	95
15) Acrylonitrile	3.068	53	2513	3.979	ug/l	92
16) Acetone	2.380	43	3530	5.596	ug/l	99
17) Carbon Disulfide	2.501	76	1521	0.641	ug/l	98
18) Methyl Acetate	2.703	43	1765	1.206	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	2787	0.794	ug/l	92
20) Methylene Chloride	2.782	84	1046	0.865	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	857	0.852	ug/l #	73
22) Diisopropyl ether	3.763	45	3035	0.822	ug/l #	74
23) Vinyl Acetate	3.733	43	11745	3.615	ug/l #	94
24) 1,1-Dichloroethane	3.599	63	1863	0.905	ug/l #	82
25) 2-Butanone	4.593	43	3718	4.060	ug/l	98
26) 2,2-Dichloropropane	4.465	77	1113	0.691	ug/l	82
27) cis-1,2-Dichloroethene	4.489	96	924	0.763	ug/l	94
28) Bromochloromethane	4.891	49	766	0.773	ug/l #	93
29) Tetrahydrofuran	5.025	42	2556	4.454	ug/l	87
30) Chloroform	5.080	83	1724m	0.804	ug/l	
31) Cyclohexane	5.446	56	1610	0.859	ug/l #	80
32) 1,1,1-Trichloroethane	5.385	97	1484	0.798	ug/l #	53
36) 1,1-Dichloropropene	5.696	75	1260	0.860	ug/l	92
37) Ethyl Acetate	4.745	43	1764m	0.975	ug/l	
38) Carbon Tetrachloride	5.678	117	1357	0.825	ug/l	92
39) Methylcyclohexane	7.373	83	1460	0.774	ug/l #	84
40) Benzene	6.031	78	3374	0.786	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	619m	0.654	ug/l	
42) 1,2-Dichloroethane	6.092	62	1663	0.898	ug/l #	78
43) Isopropyl Acetate	6.348	43	1984	0.719	ug/l #	74
44) Trichloroethene	7.123	130	774	0.750	ug/l	94
45) 1,2-Dichloropropane	7.427	63	739	0.693	ug/l #	25
46) Dibromomethane	7.586	93	732	0.870	ug/l	92
47) Bromodichloromethane	7.830	83	1339	0.808	ug/l #	92
48) Methyl methacrylate	7.714	41	936	0.664	ug/l	94
49) 1,4-Dioxane	7.683	88	389	14.530	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	6473	3.532	ug/l	99
52) Toluene	8.720	92	2059	0.783	ug/l	89
53) t-1,3-Dichloropropene	8.994	75	959	0.651	ug/l #	73
54) cis-1,3-Dichloropropene	8.372	75	1094	0.672	ug/l #	85
55) 1,1,2-Trichloroethane	9.159	97	864	0.833	ug/l #	83
56) Ethyl methacrylate	9.122	69	1129	0.683	ug/l	89
57) 1,3-Dichloropropane	9.311	76	1291	0.693	ug/l #	88
58) 2-Chloroethyl Vinyl ether	8.250	63	2911	3.454	ug/l	93
59) 2-Hexanone	9.439	43	4651	3.430	ug/l	99
60) Dibromochloromethane	9.525	129	827	0.726	ug/l	96
61) 1,2-Dibromoethane	9.616	107	756	0.701	ug/l #	79
64) Tetrachloroethene	9.275	164	757	0.823	ug/l #	77
65) Chlorobenzene	10.079	112	2383	0.838	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	802	0.826	ug/l #	65
67) Ethyl Benzene	10.195	91	4023	0.802	ug/l	92
68) m/p-Xylenes	10.299	106	2781	1.516	ug/l	99
69) o-Xylene	10.640	106	1279	0.715	ug/l	90
70) Styrene	10.665	104	2050	0.700	ug/l	96
71) Bromoform	10.799	173	556	0.762	ug/l #	77
73) Isopropylbenzene	10.957	105	3488	0.784	ug/l	99
74) N-amyl acetate	10.854	43	1491	0.678	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	1376	0.883	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1159m	0.843	ug/l	
77) Bromobenzene	11.201	156	916	0.887	ug/l	99
78) n-propylbenzene	11.305	91	3783	0.732	ug/l	99
79) 2-Chlorotoluene	11.366	91	3056	0.916	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	2726	0.734	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	38030	90.045	ug/l #	1
82) 4-Chlorotoluene	11.457	91	3001	0.811	ug/l	88
83) tert-Butylbenzene	11.713	119	2911	0.778	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	2548	0.677	ug/l	90
85) sec-Butylbenzene	11.890	105	3152	0.686	ug/l	99
86) p-Isopropyltoluene	12.012	119	2786	0.735	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	1481	0.786	ug/l	96
88) 1,4-Dichlorobenzene	12.036	146	1608m	0.836	ug/l	
89) n-Butylbenzene	12.335	91	2163	0.650	ug/l	87
90) Hexachloroethane	12.536	117	509	0.762	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	1619	0.856	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	212	0.614	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	622	0.573	ug/l	86
94) Hexachlorobutadiene	13.719	225	388	0.818	ug/l	91
95) Naphthalene	13.780	128	2379	0.597	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	804	0.717	ug/l	94

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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Manual Integrations
APPROVED

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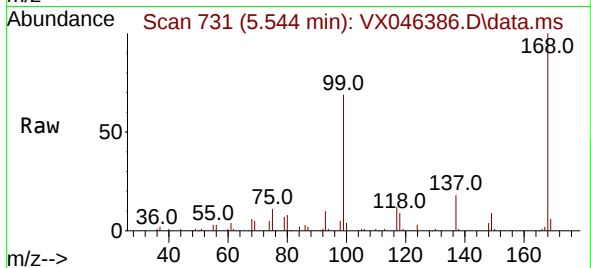
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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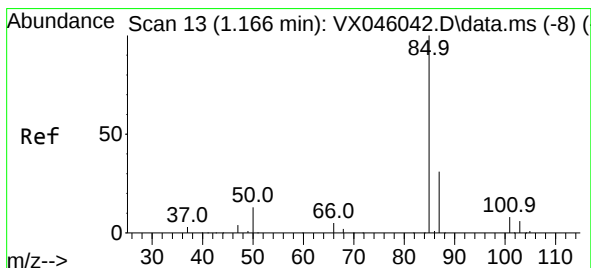
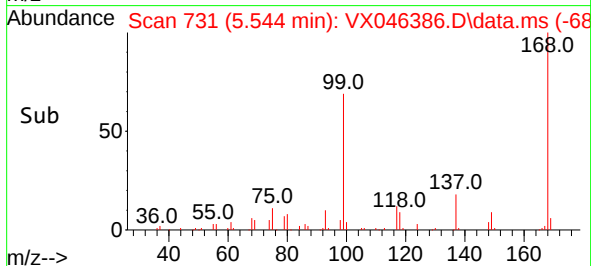
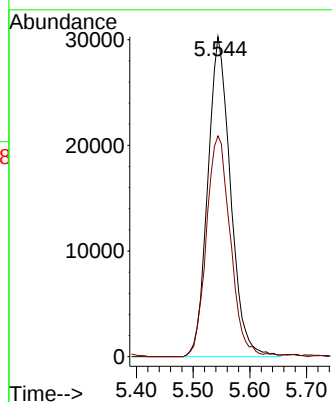
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:168 Resp: 8439
Ion Ratio Lower Upper
168 100
99 69.0 54.9 82.3

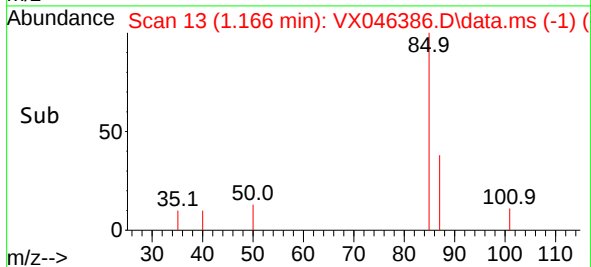
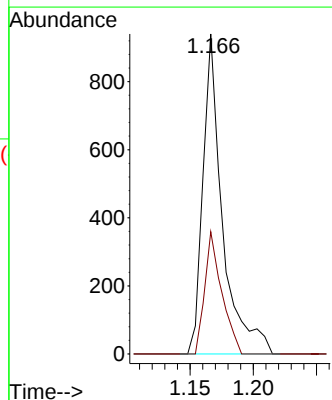
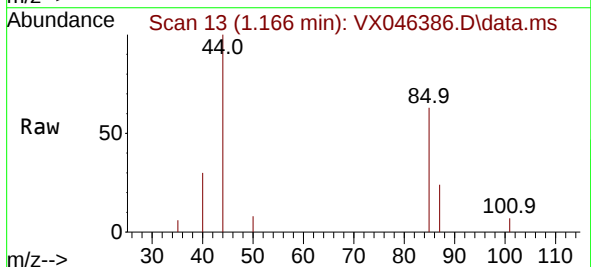
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 0.782 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Tgt Ion: 85 Resp: 1010
Ion Ratio Lower Upper
85 100
87 38.2 15.7 47.1





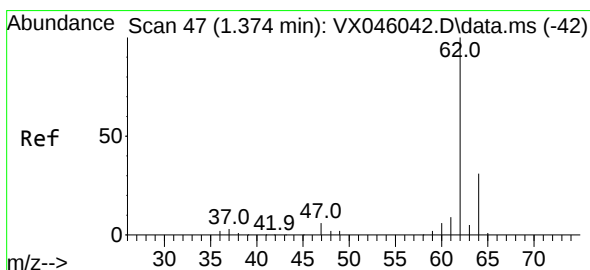
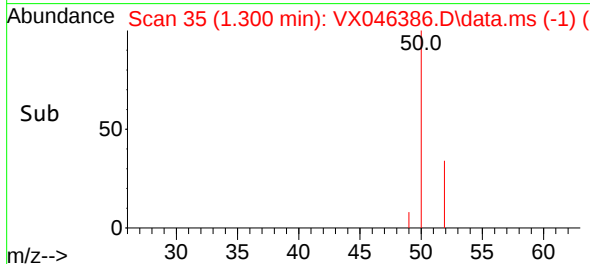
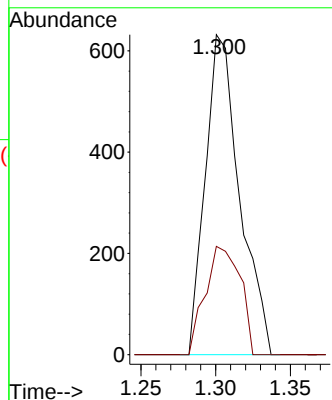
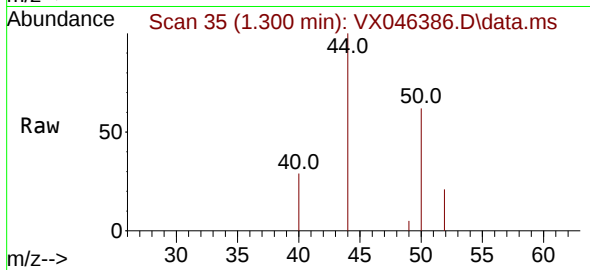
#3
Chloromethane
Concen: 0.805 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 50 Resp: 1000
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

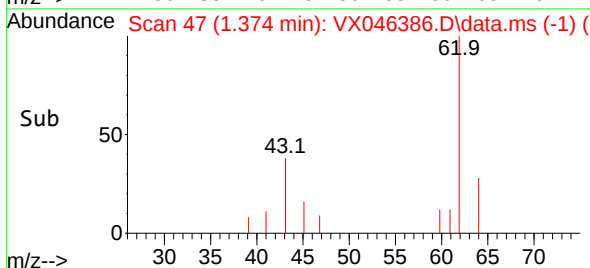
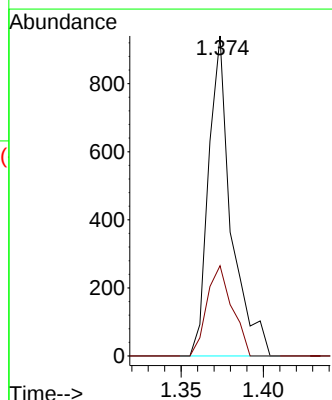
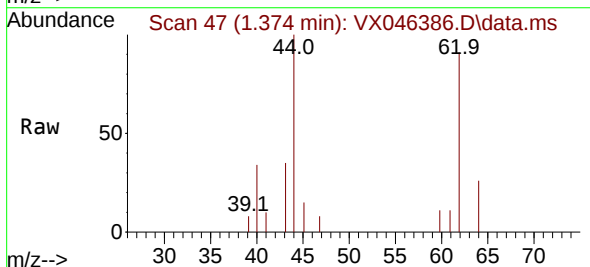
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Supervised By :Mahesh Dadoda 05/29/2025



#4
Vinyl Chloride
Concen: 0.769 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

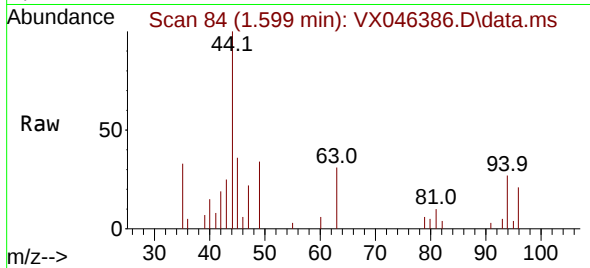
Tgt Ion: 62 Resp: 896
Ion Ratio Lower Upper
62 100
64 28.2 25.2 37.8





#5
Bromomethane
Concen: 1.136 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

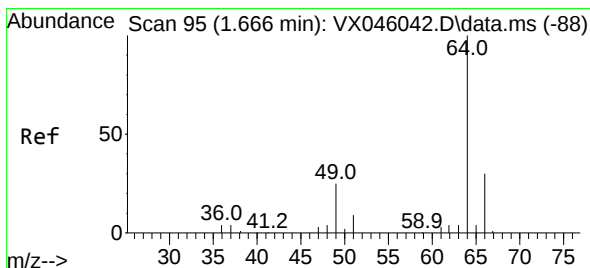
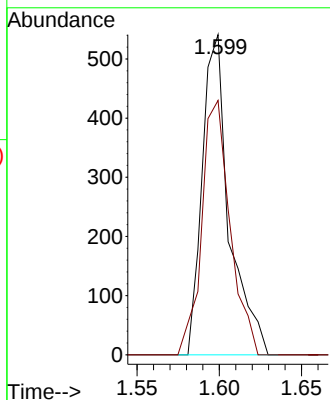
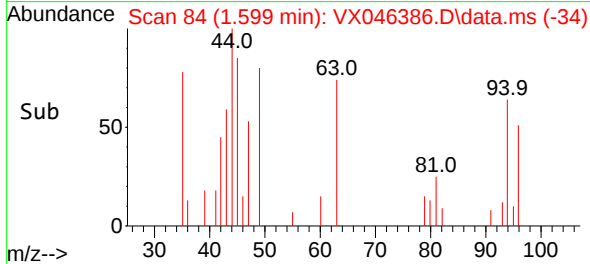
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 79.5 72.8 109.2

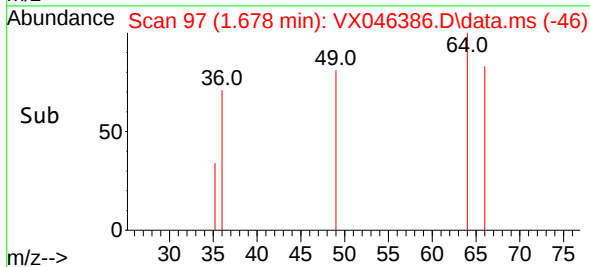
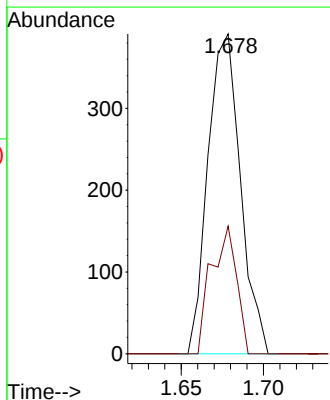
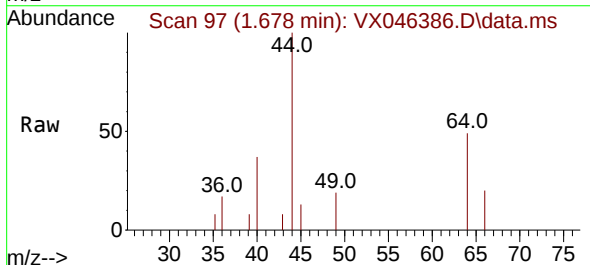
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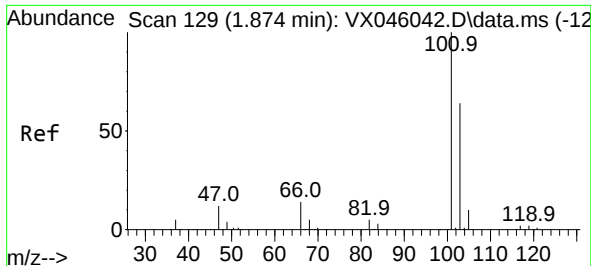
Reviewed By :John Carlone 05/29/2025
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#6
Chloroethane
Concen: 0.864 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

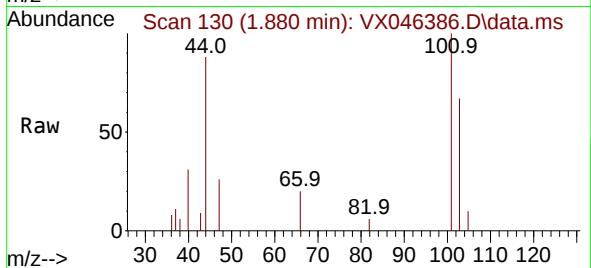
Tgt Ion: 64 Resp: 538
Ion Ratio Lower Upper
64 100
66 39.9 24.3 36.5#





#7
 Trichlorofluoromethane
 Concen: 0.794 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49

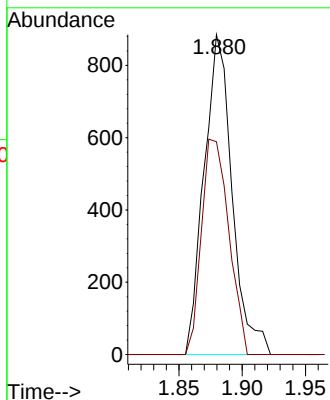
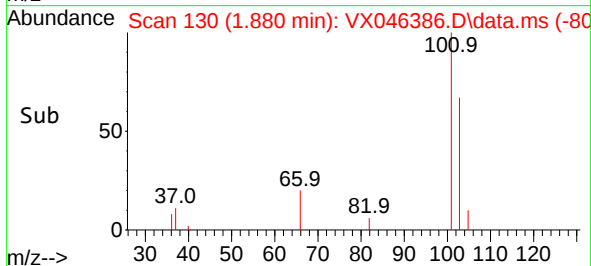
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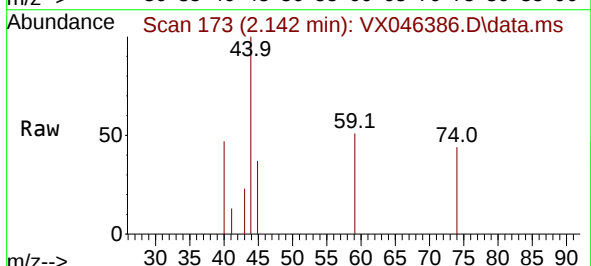
Tgt Ion:101 Resp: 1368
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.0 76.4

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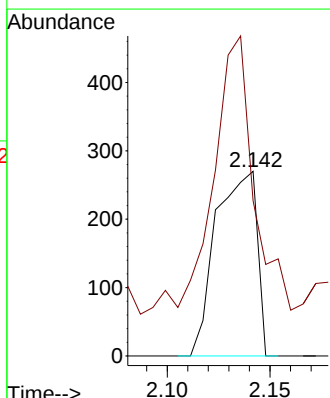
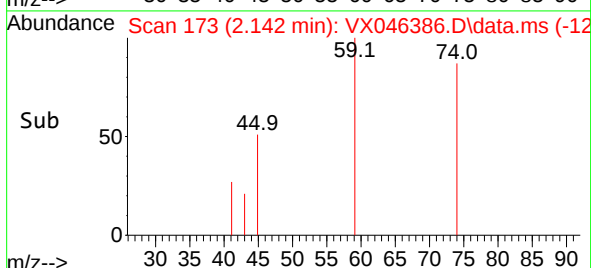
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#8
 Diethyl Ether
 Concen: 0.638 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. 0.006 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49



Tgt Ion: 74 Resp: 374
 Ion Ratio Lower Upper
 74 100
 45 221.9 54.9 164.8#





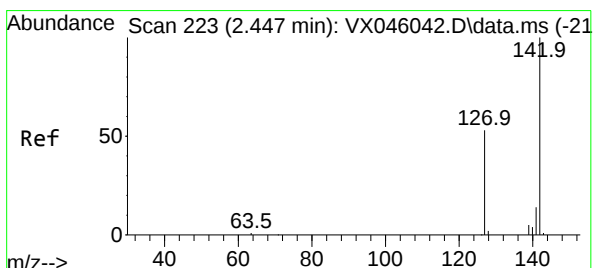
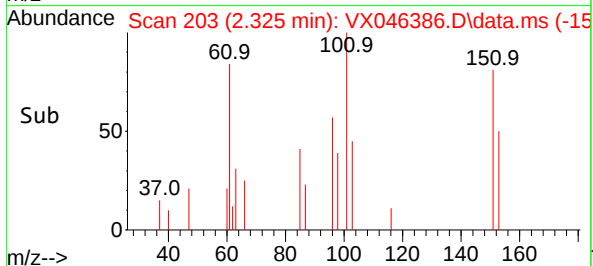
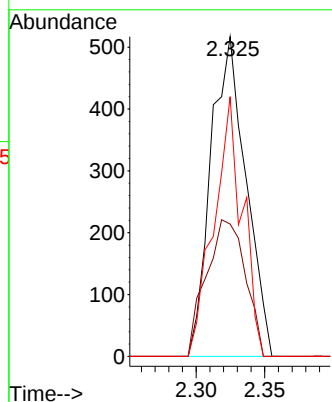
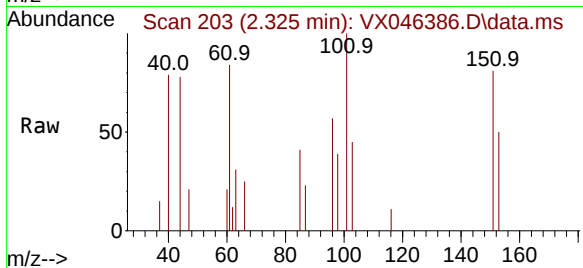
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.863 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX046386.D
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Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:101 Resp: 920
Ion Ratio Lower Upper
101 100
85 47.6 38.6 58.0
151 66.5 55.2 82.8

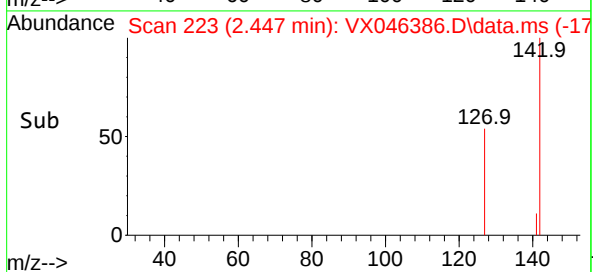
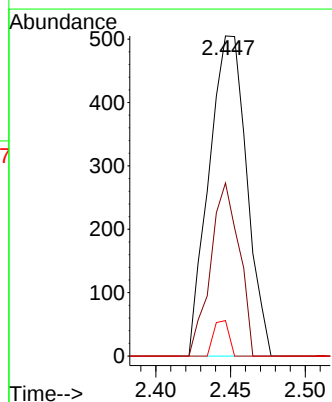
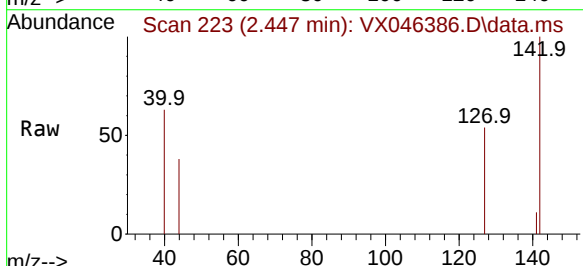
Manual Integrations
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Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 0.701 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

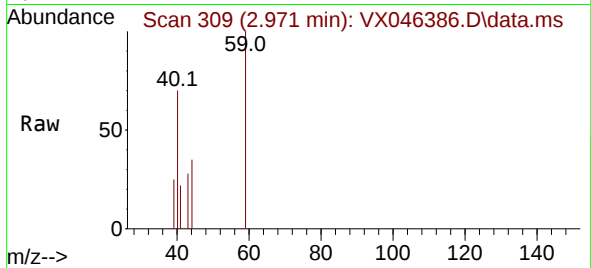
Tgt Ion:142 Resp: 884
Ion Ratio Lower Upper
142 100
127 41.1 41.7 62.5#
141 4.5 11.5 17.3#





#11
Tert butyl alcohol
Concen: 4.442 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

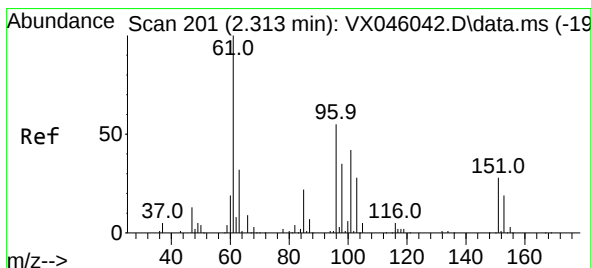
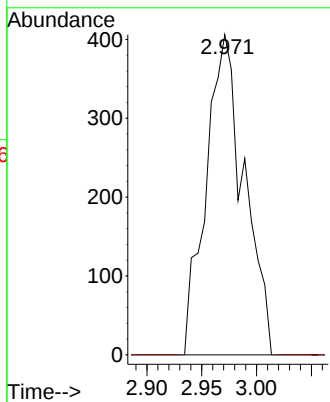
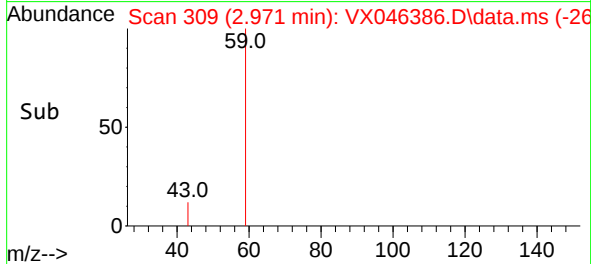
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



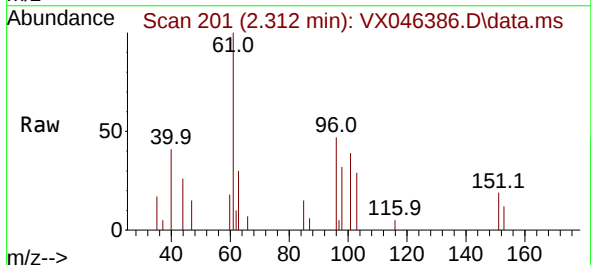
Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

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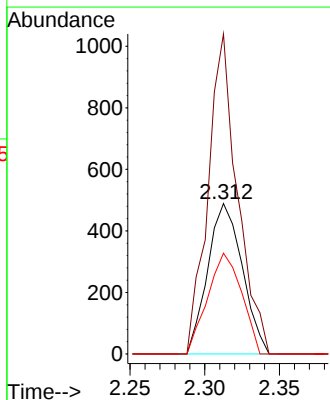
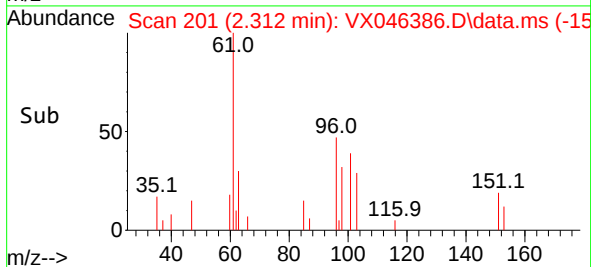
Reviewed By :John Carlone 05/29/2025
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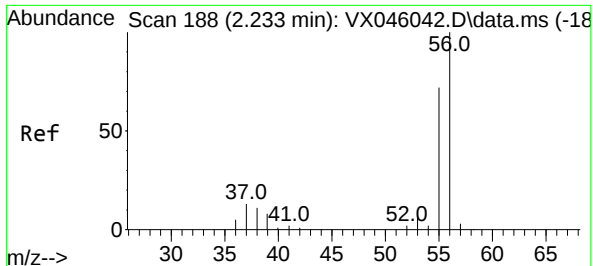


#12
1,1-Dichloroethene
Concen: 0.784 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



Tgt Ion: 96 Resp: 785
Ion Ratio Lower Upper
96 100
61 212.7 146.2 219.2
98 67.1 51.0 76.6





#13

Acrolein

Concen: 1.674 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_X

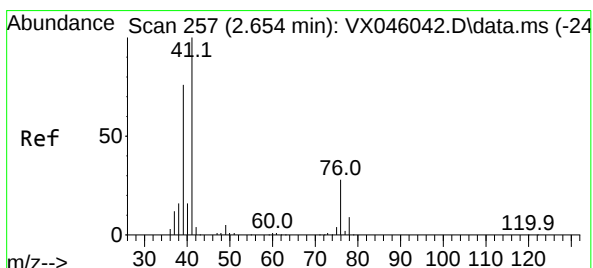
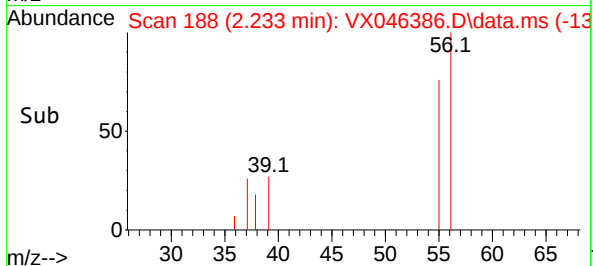
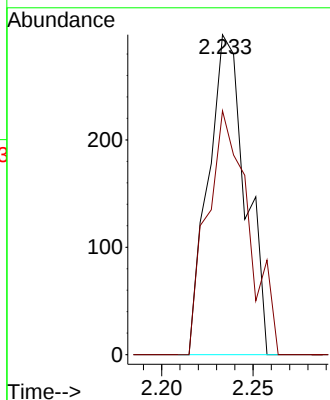
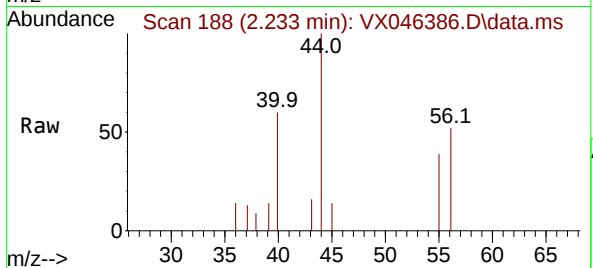
ClientSampleId :

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Tgt Ion: 56 Resp: 421
 Ion Ratio Lower Upper
 56 100
 55 84.6 56.2 84.4

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#14

Allyl chloride

Concen: 0.887 ug/l

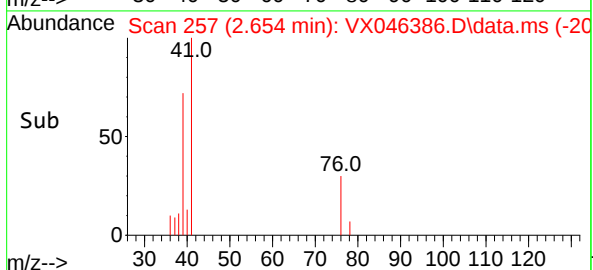
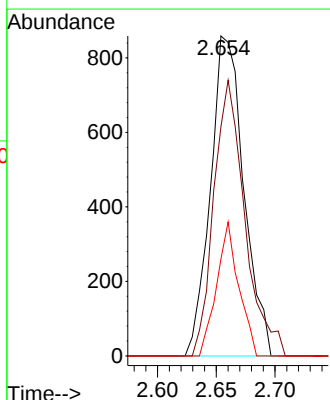
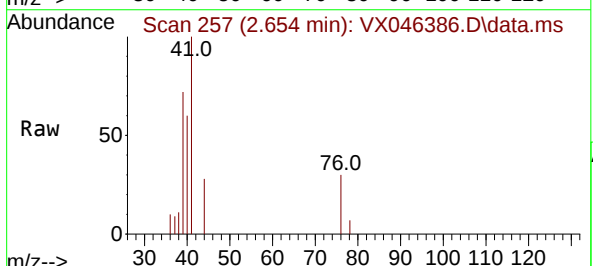
RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

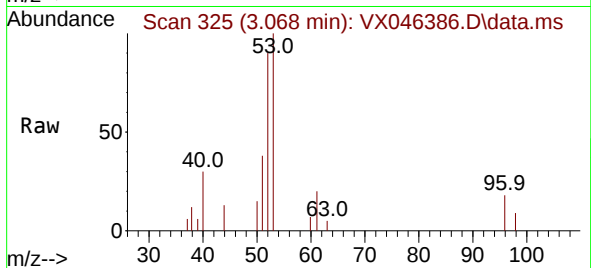
Tgt Ion: 41 Resp: 1697
 Ion Ratio Lower Upper
 41 100
 39 80.1 60.6 90.8
 76 27.7 24.9 37.3





#15
Acrylonitrile
Concen: 3.979 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

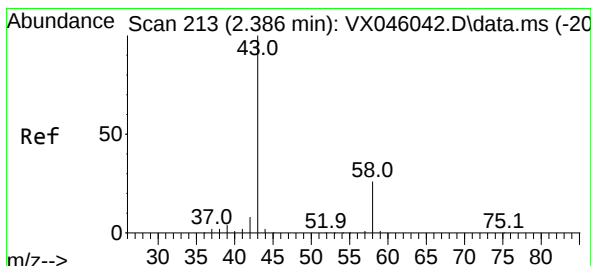
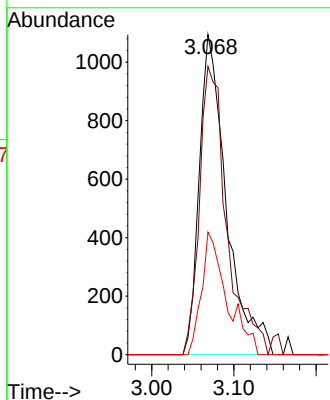
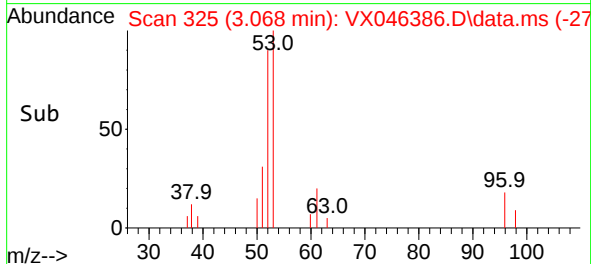
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



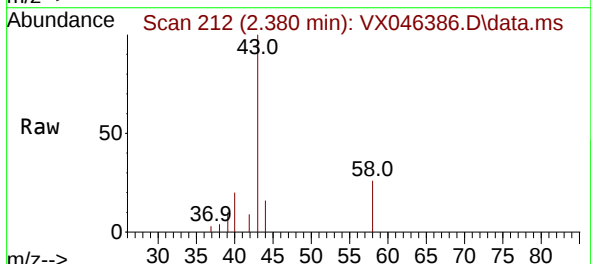
Tgt Ion: 53 Resp: 251
Ion Ratio Lower Upper
53 100
52 90.5 65.3 97.9
51 35.7 29.8 44.8

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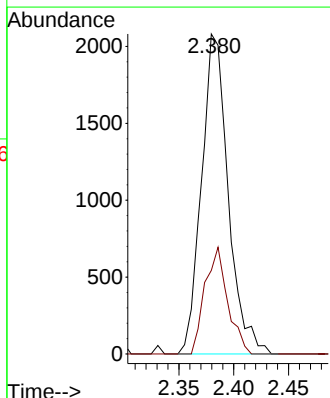
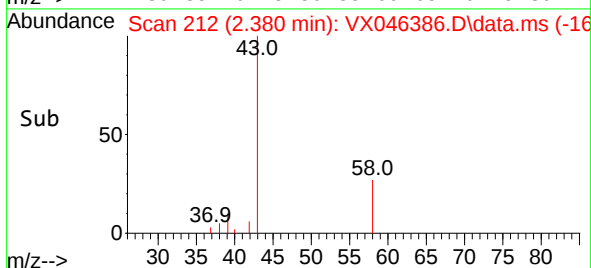
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

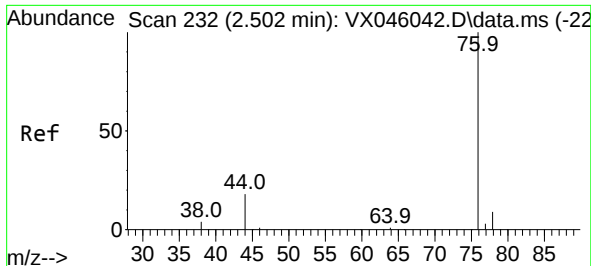


#16
Acetone
Concen: 5.596 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



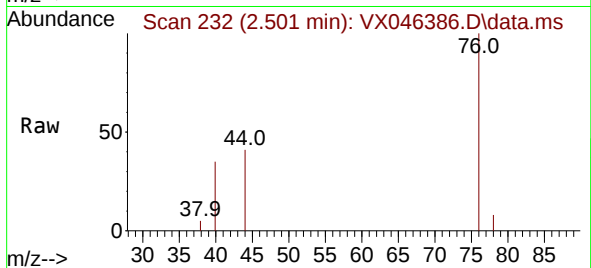
Tgt Ion: 43 Resp: 3530
Ion Ratio Lower Upper
43 100
58 26.1 21.2 31.8





#17
Carbon Disulfide
Concen: 0.641 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

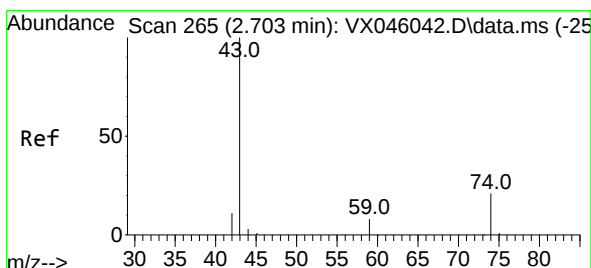
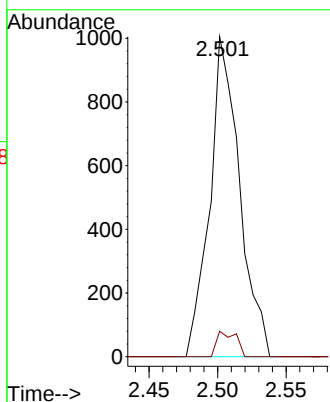
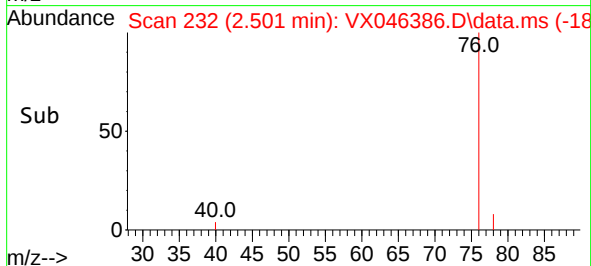
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 76 Resp: 152
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4

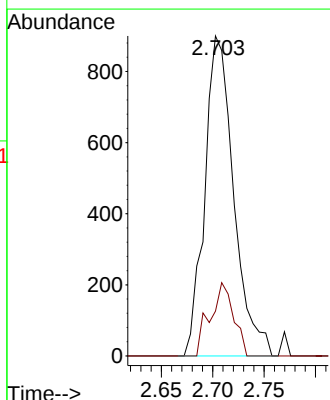
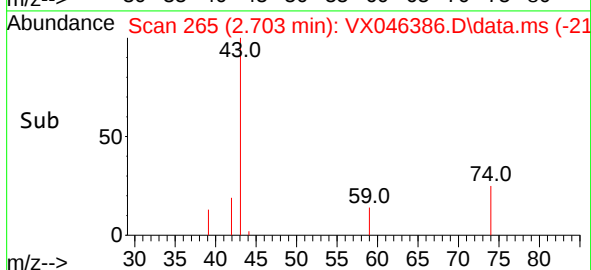
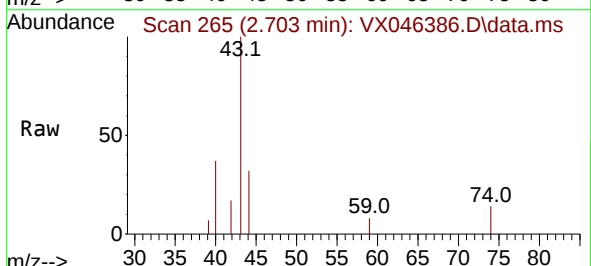
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Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#18
Methyl Acetate
Concen: 1.206 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Tgt Ion: 43 Resp: 1765
Ion Ratio Lower Upper
43 100
74 18.5 16.7 25.1





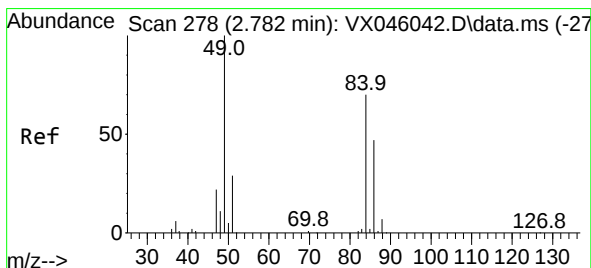
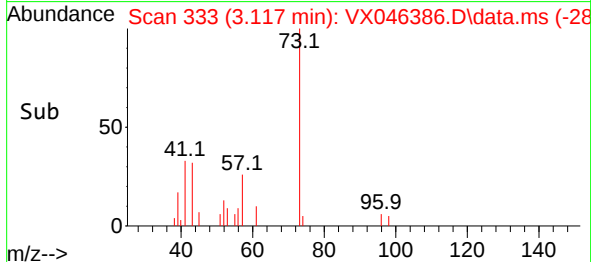
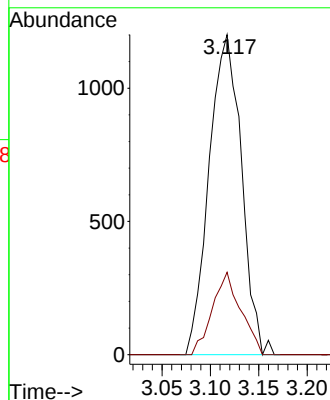
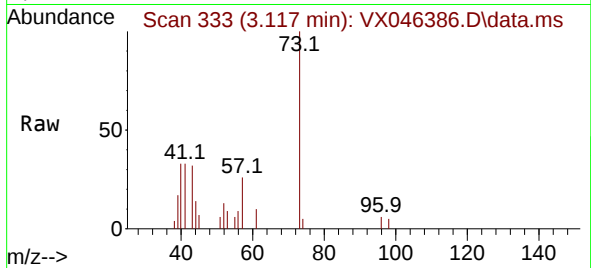
#19
Methyl tert-butyl Ether
Concen: 0.794 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 73 Resp: 278
Ion Ratio Lower Upper
73 100
57 25.7 17.7 26.5

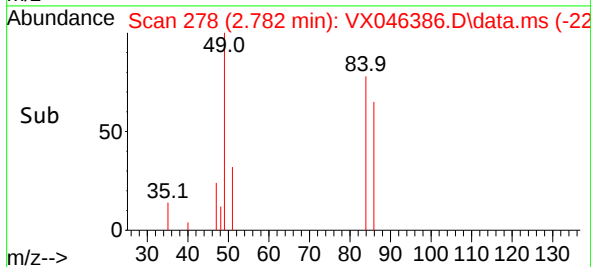
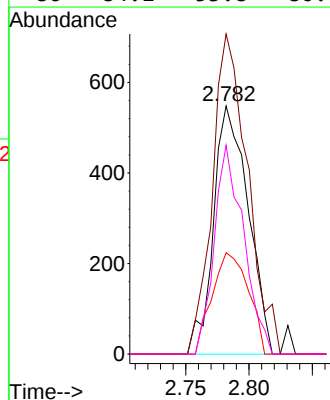
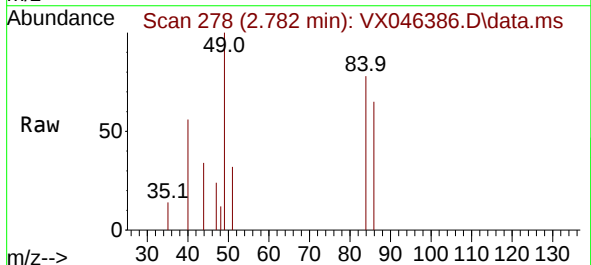
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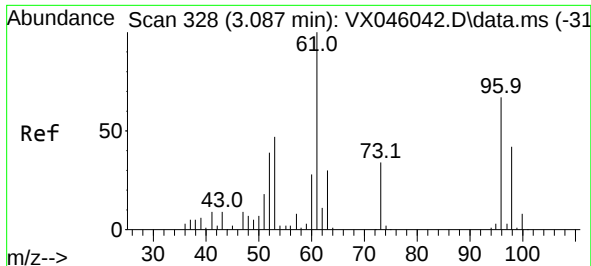
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 0.865 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

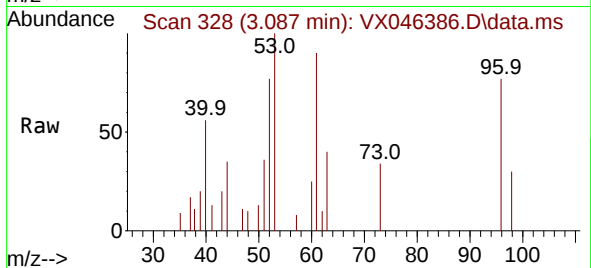
Tgt Ion: 84 Resp: 1046
Ion Ratio Lower Upper
84 100
49 129.0 113.9 170.9
51 40.9 33.5 50.3
86 84.1 53.8 80.8#





#21
trans-1,2-Dichloroethene
Concen: 0.852 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

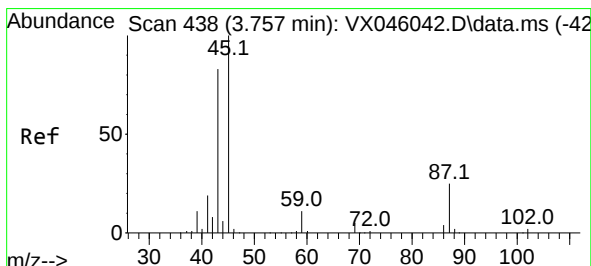
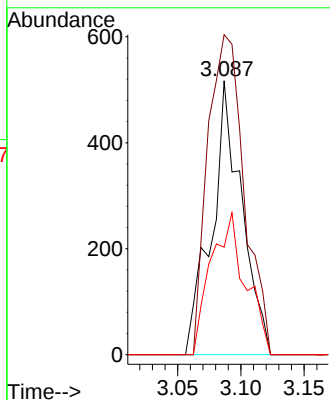
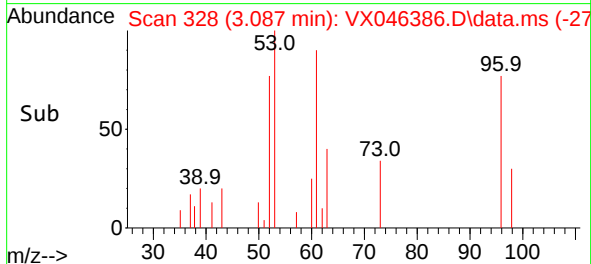
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



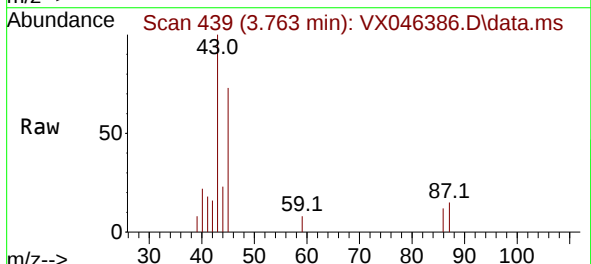
Tgt Ion: 96 Resp: 85
Ion Ratio Lower Upper
96 100
61 116.8 119.5 179.3
98 39.3 50.0 75.0

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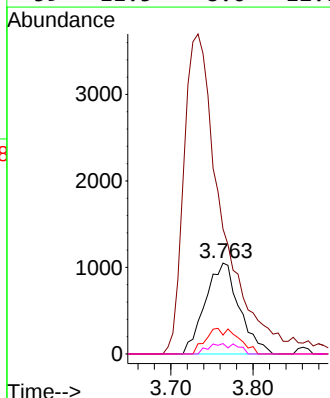
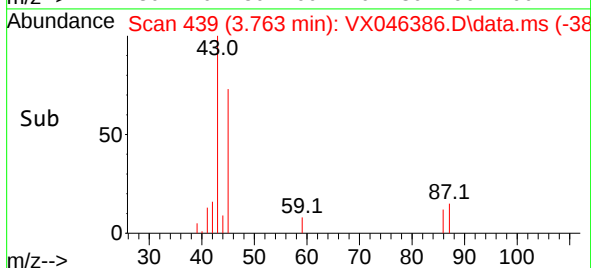
Reviewed By :John Carlone 05/29/2025
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#22
Diisopropyl ether
Concen: 0.822 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



Tgt Ion: 45 Resp: 3035
Ion Ratio Lower Upper
45 100
43 114.4 66.6 100.0#
87 20.8 19.8 29.6
59 11.5 8.6 12.8





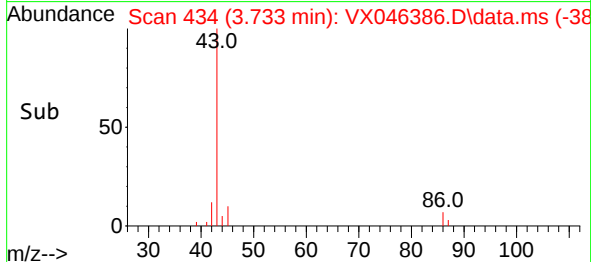
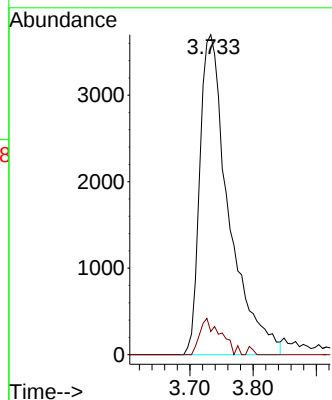
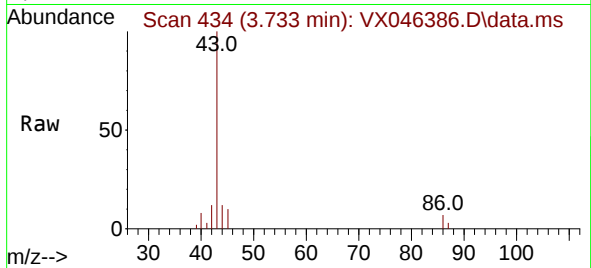
#23
 Vinyl Acetate
 Concen: 3.615 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 1174
 Ion Ratio Lower Upper
 43 100
 86 7.3 7.5 11.3

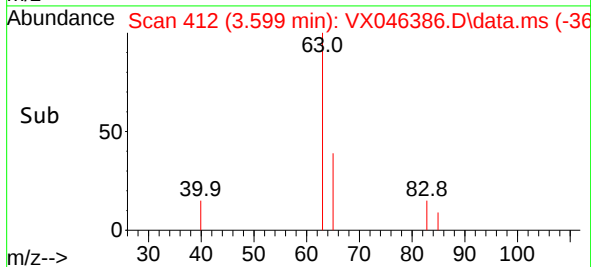
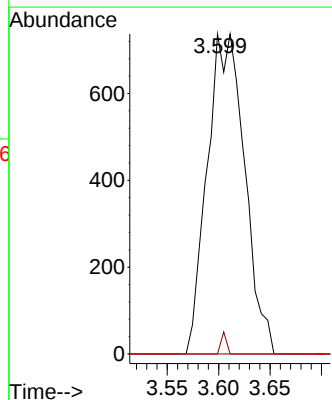
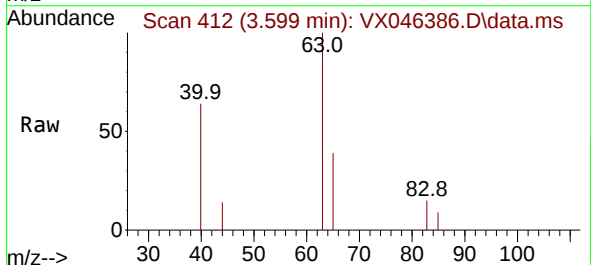
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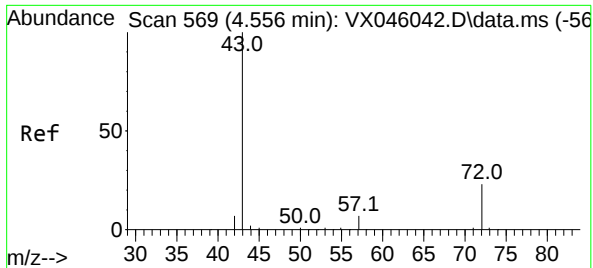
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#24
 1,1-Dichloroethane
 Concen: 0.905 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49

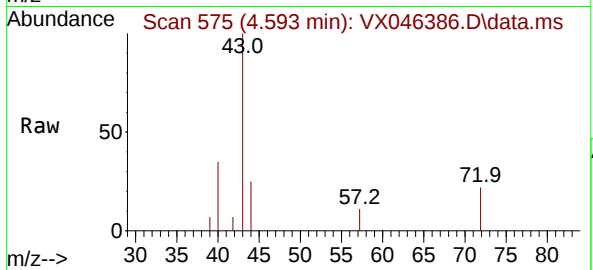
Tgt Ion: 63 Resp: 1863
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.1 6.3#





#25
2-Butanone
Concen: 4.060 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

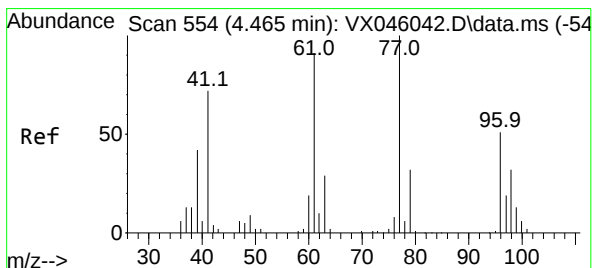
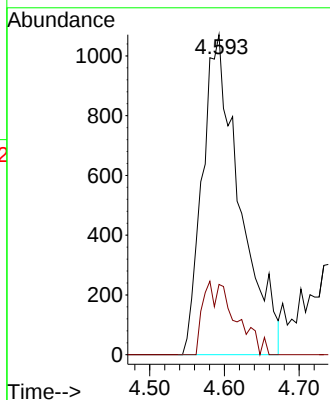
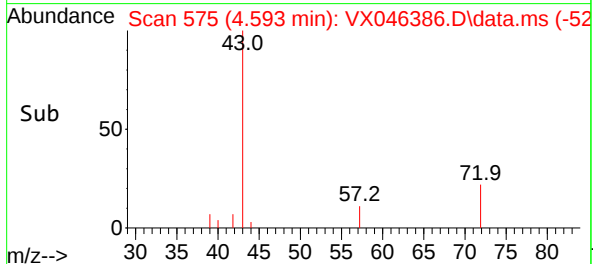
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 3718
Ion Ratio Lower Upper
43 100
72 21.9 18.4 27.6

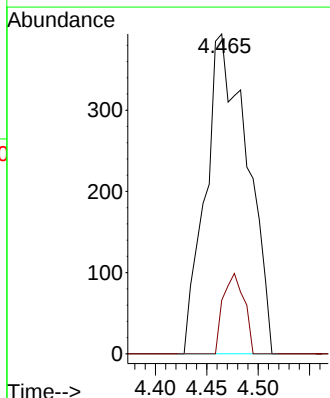
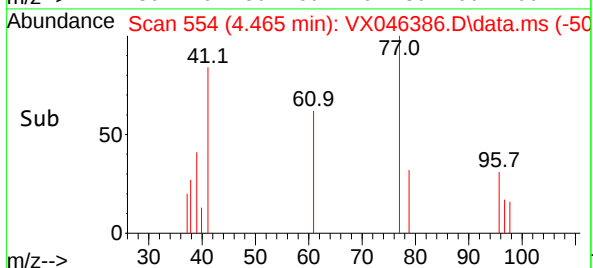
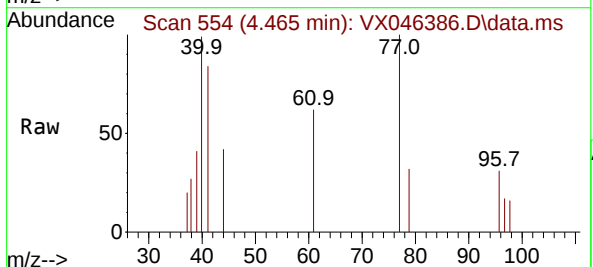
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#26
2,2-Dichloropropane
Concen: 0.691 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Tgt Ion: 77 Resp: 1113
Ion Ratio Lower Upper
77 100
97 12.7 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 0.763 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX046386.D

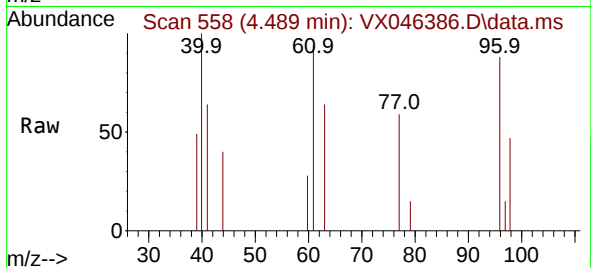
Acq: 28 May 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025



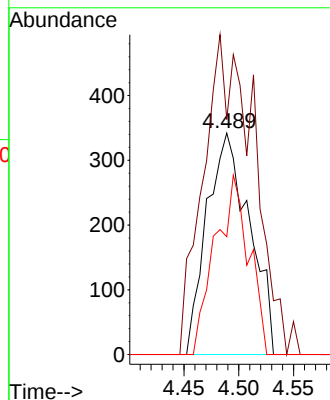
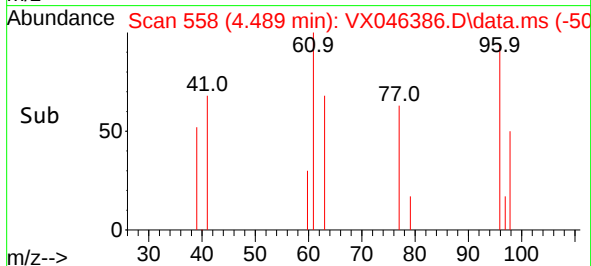
Tgt Ion:	96	Resp:	924
Ion	Ratio	Lower	Upper
96	100		
61	172.6	0.0	322.8
98	64.0	0.0	129.0

Manual Integrations

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Supervised By :Mahesh Dadoda 05/29/2025



#28

Bromochloromethane

Concen: 0.773 ug/l

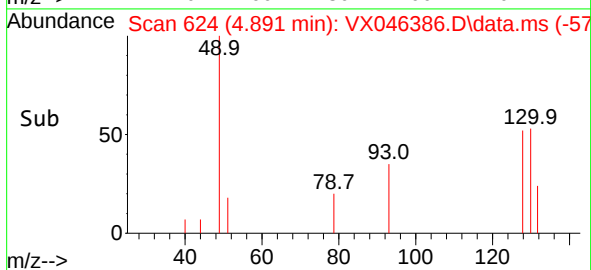
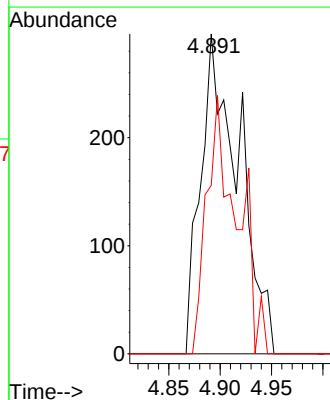
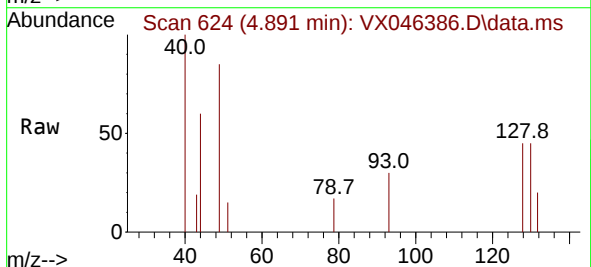
RT: 4.891 min Scan# 624

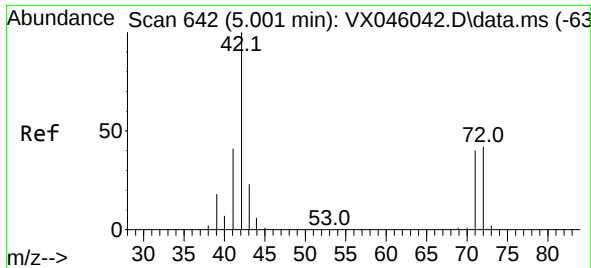
Delta R.T. -0.006 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Tgt Ion:	49	Resp:	766
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	64.1	56.2	84.2





#29

Tetrahydrofuran

Concen: 4.454 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

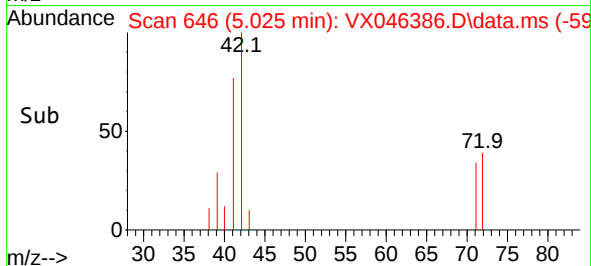
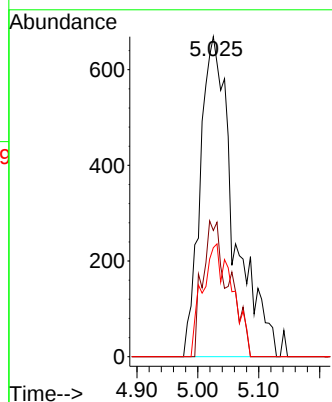
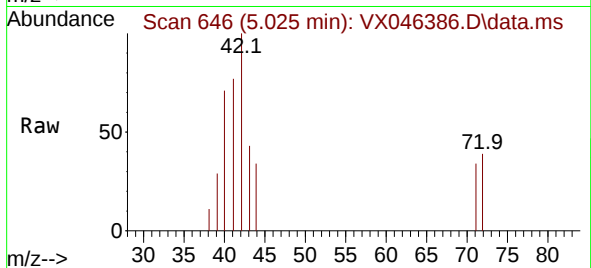
Tgt Ion:	42	Resp:	255
Ion Ratio	Lower	Upper	
42	100		
72	33.8	33.7	50.5
71	31.7	31.4	47.2

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 0.804 ug/l m

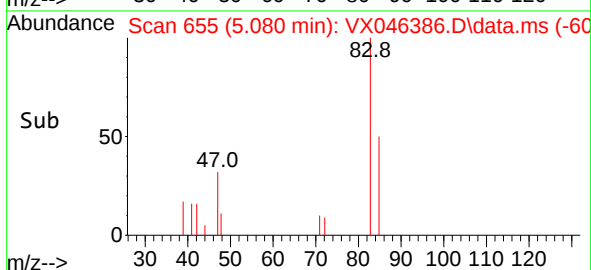
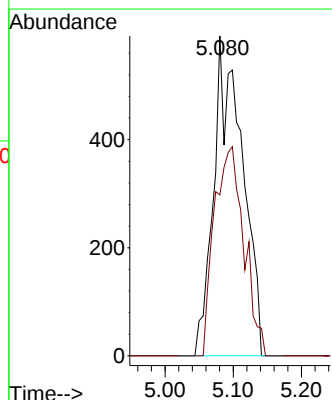
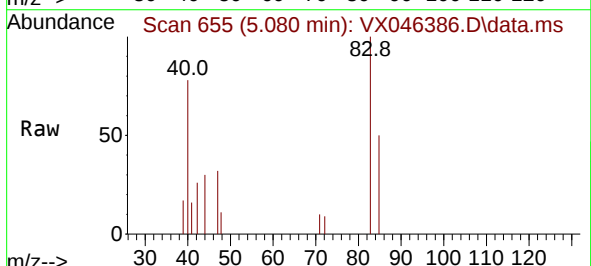
RT: 5.080 min Scan# 655

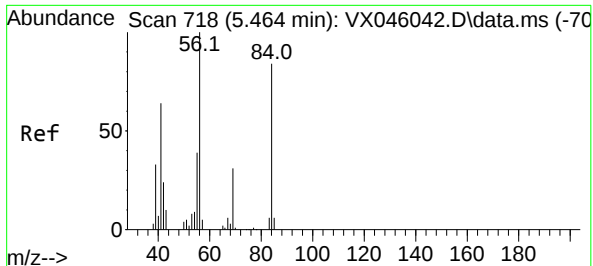
Delta R.T. -0.006 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

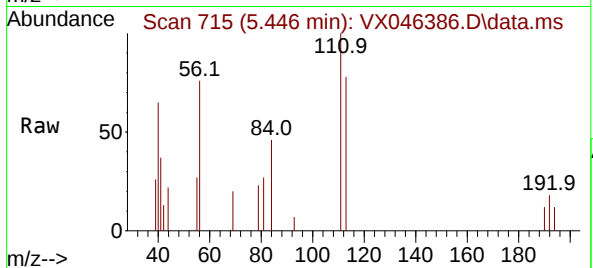
Tgt Ion:	83	Resp:	1724
Ion Ratio	Lower	Upper	
83	100		
85	50.3	49.3	73.9





#31
Cyclohexane
Concen: 0.859 ug/l
RT: 5.446 min Scan# 715
Delta R.T. -0.018 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

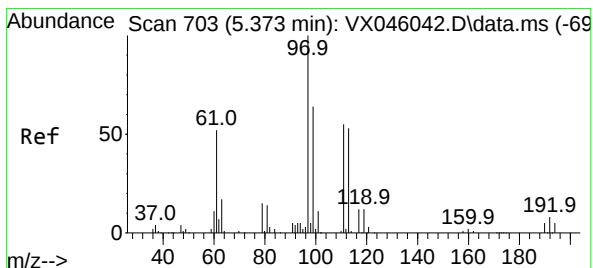
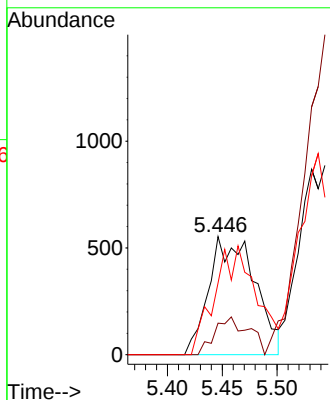
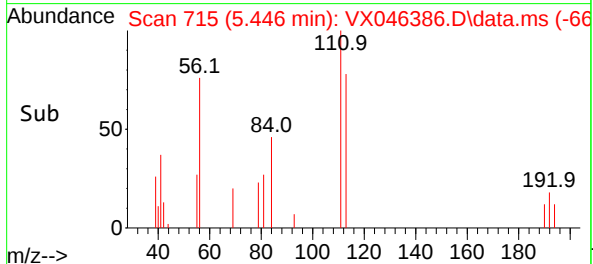
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



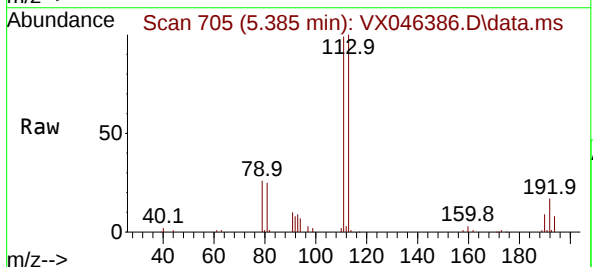
Tgt Ion: 56 Resp: 1610
Ion Ratio Lower Upper
56 100
69 26.8 24.4 36.6
84 60.8 66.9 100.3

Manual Integrations
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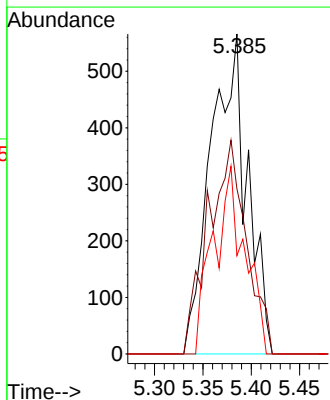
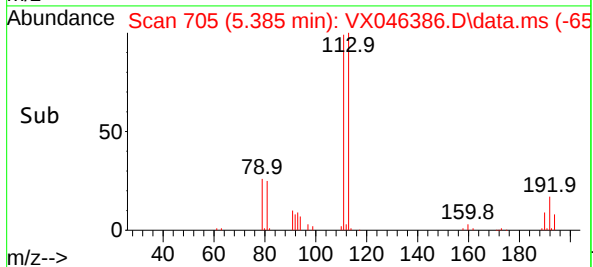
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#32
1,1,1-Trichloroethane
Concen: 0.798 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



Tgt Ion: 97 Resp: 1484
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 50.7 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 51.646 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 65 Resp: 81259

Ion Ratio Lower Upper

65 100

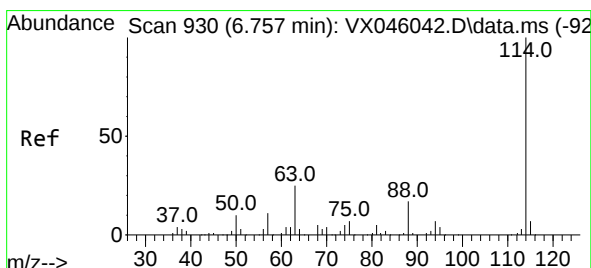
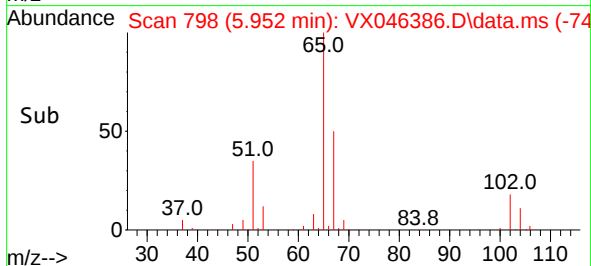
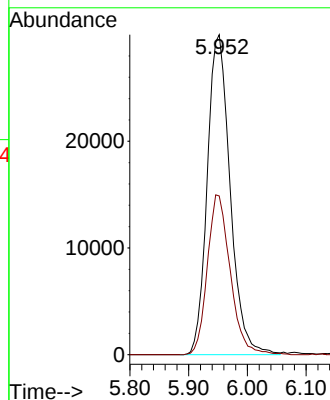
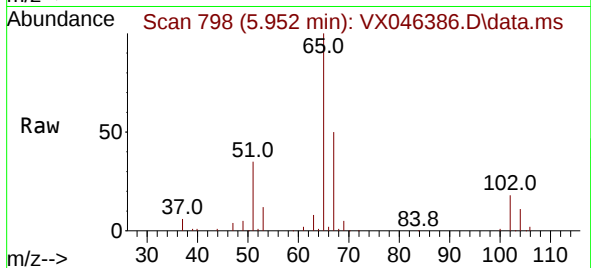
67 50.0 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

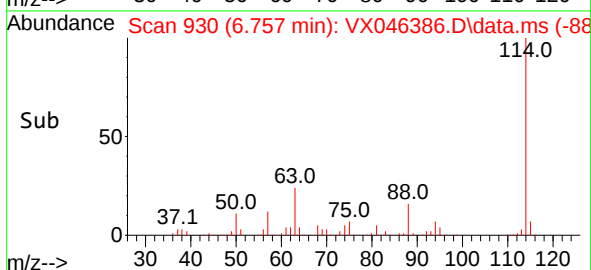
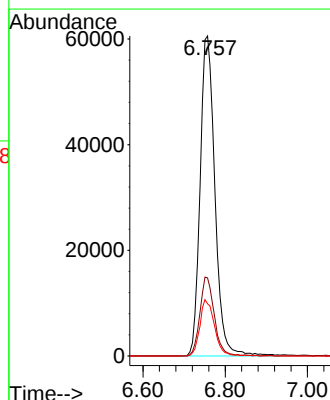
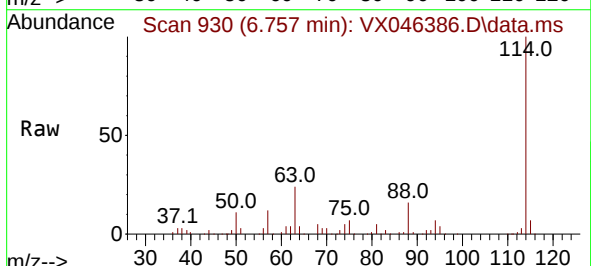
Tgt Ion:114 Resp: 151394

Ion Ratio Lower Upper

114 100

63 24.4 0.0 49.2

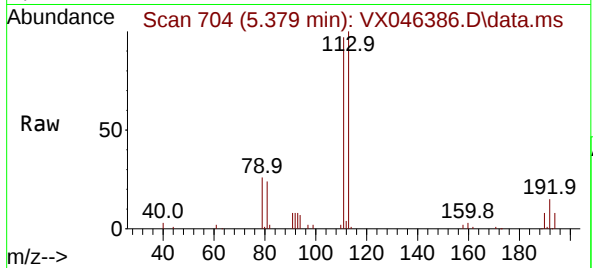
88 16.3 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.020 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

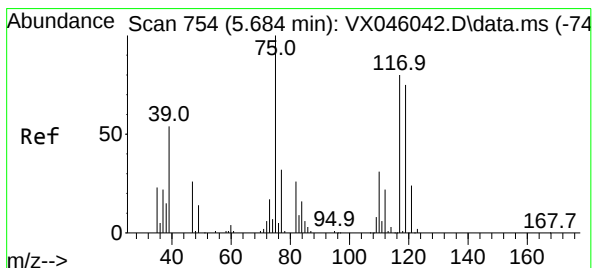
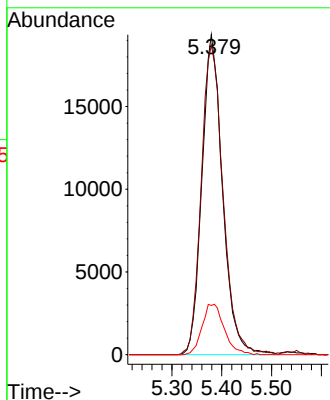
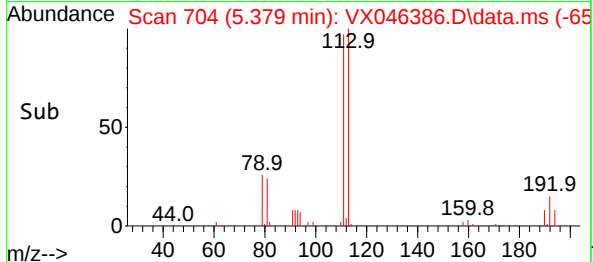
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 113 Resp: 5562
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 17.0 13.3 19.9

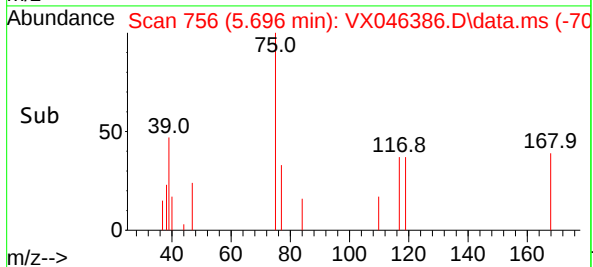
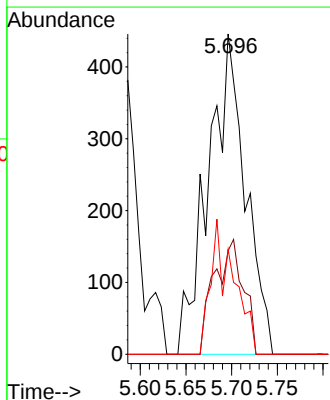
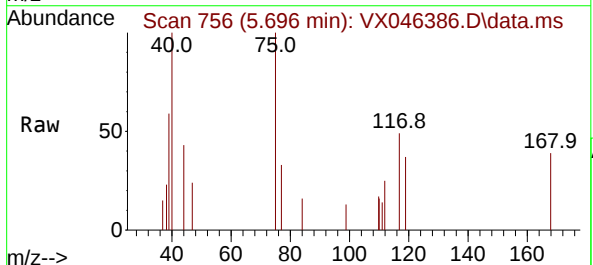
Manual Integrations
APPROVED

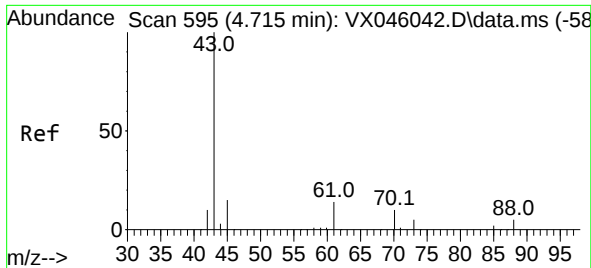
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#36
1,1-Dichloropropene
Concen: 0.860 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

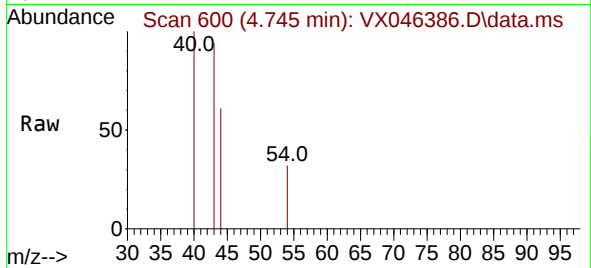
Tgt Ion: 75 Resp: 1260
Ion Ratio Lower Upper
75 100
110 28.2 16.3 48.9
77 26.0 24.3 36.5





#37
Ethyl Acetate
Concen: 0.975 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.030 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

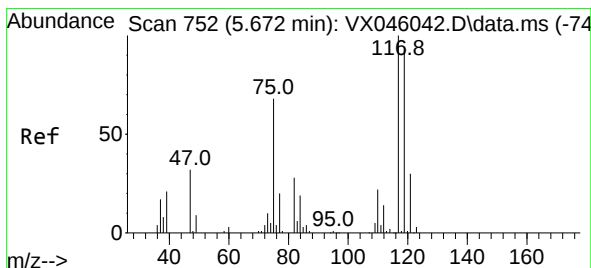
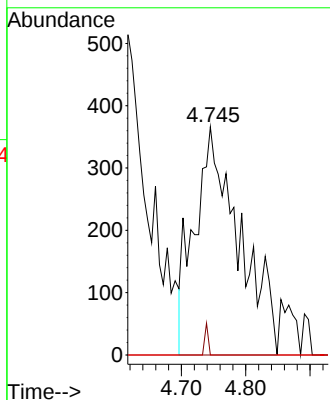
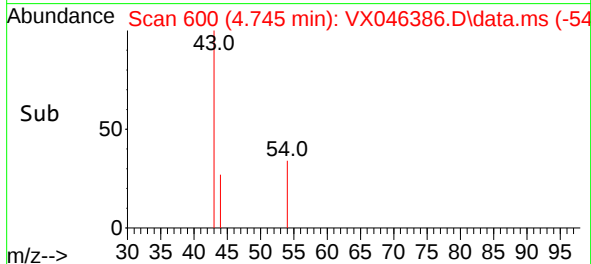
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



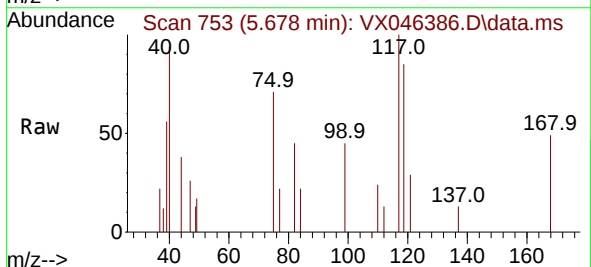
Tgt Ion: 43 Resp: 1764
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5
70 0.0 7.9 11.9

Manual Integrations
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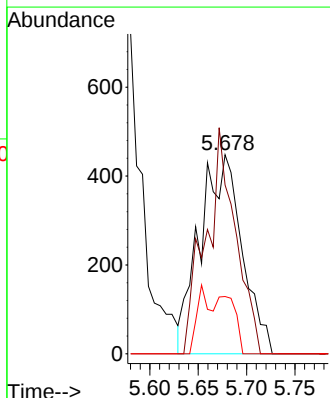
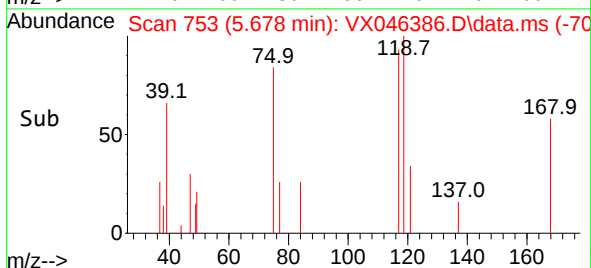
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#38
Carbon Tetrachloride
Concen: 0.825 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



Tgt Ion:117 Resp: 1357
Ion Ratio Lower Upper
117 100
119 84.8 75.2 112.8
121 28.8 24.2 36.4





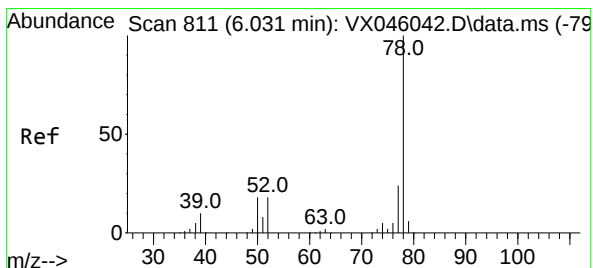
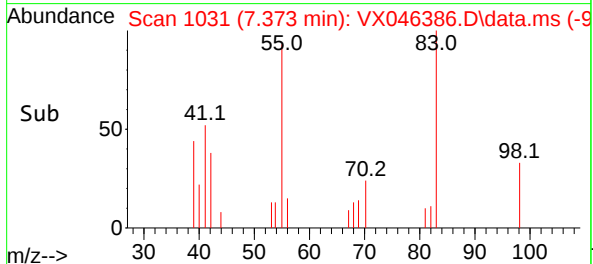
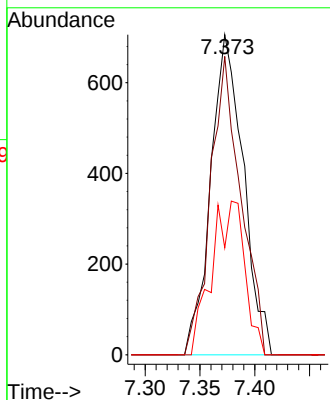
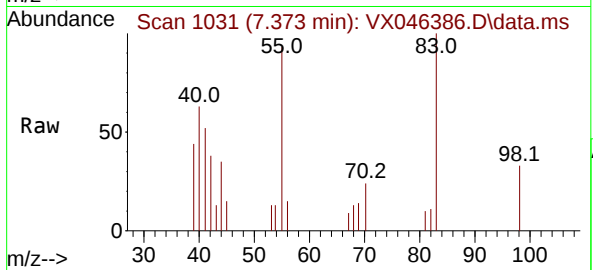
#39
Methylcyclohexane
Concen: 0.774 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 83 Resp: 1460
Ion Ratio Lower Upper
83 100
55 93.2 64.7 97.1
98 33.4 37.4 56.2

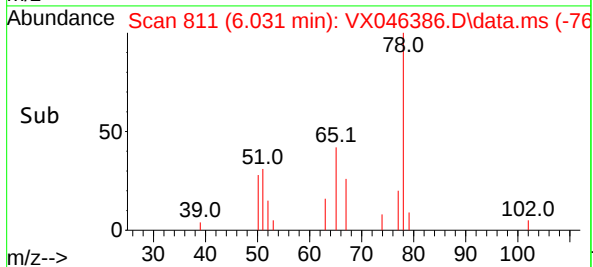
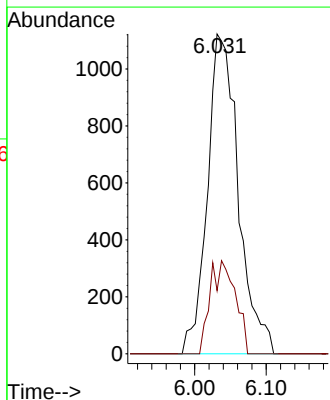
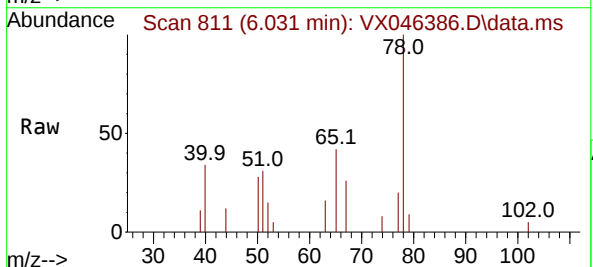
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#40
Benzene
Concen: 0.786 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

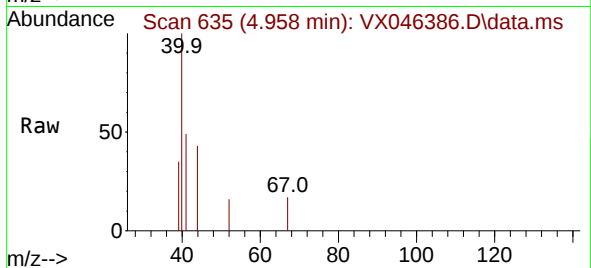
Tgt Ion: 78 Resp: 3374
Ion Ratio Lower Upper
78 100
77 19.8 19.0 28.4





#41
Methacrylonitrile
Concen: 0.654 ug/l m
RT: 4.958 min Scan# 619
Delta R.T. 0.043 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

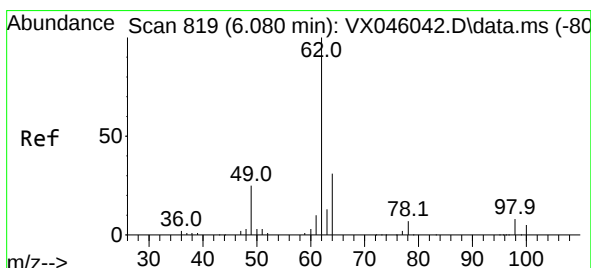
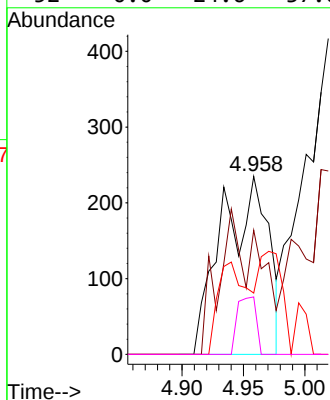
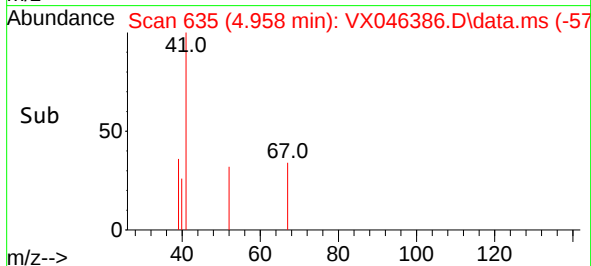
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 41 Resp: 619
Ion Ratio Lower Upper
41 100
39 43.0 47.2 70.8
67 33.8 50.7 76.1
52 0.0 24.6 37.0

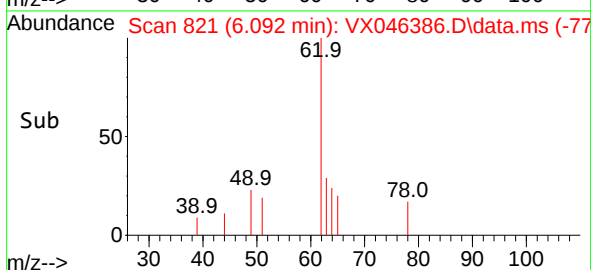
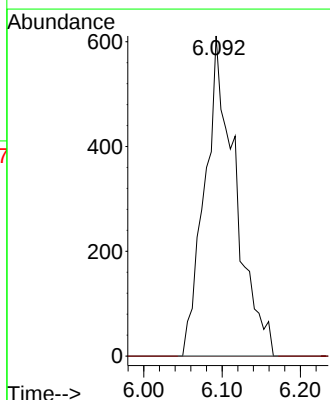
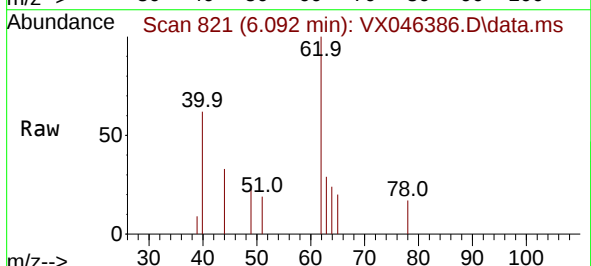
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 0.898 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

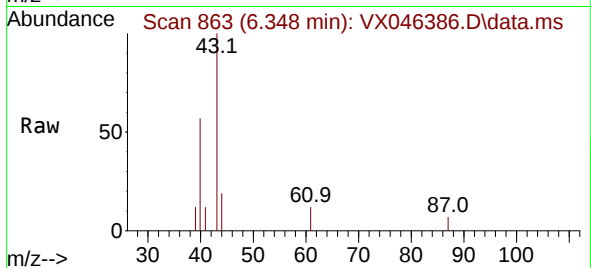
Tgt Ion: 62 Resp: 1663
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.2





#43
Isopropyl Acetate
Concen: 0.719 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

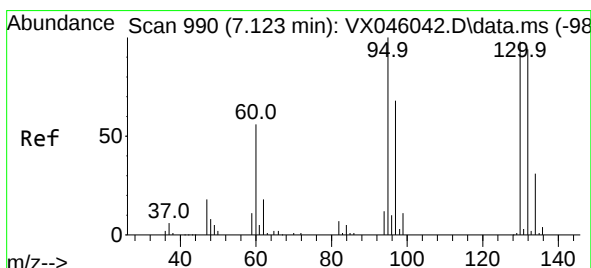
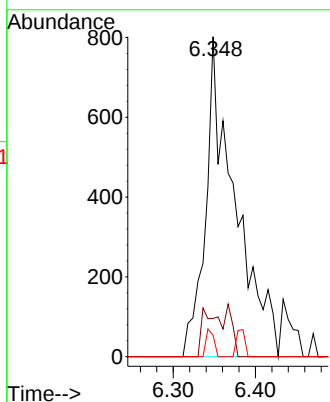
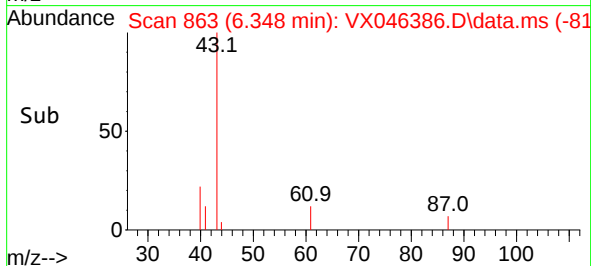
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 1984
Ion Ratio Lower Upper
43 100
61 5.7 14.3 21.5
87 2.3 9.5 14.3

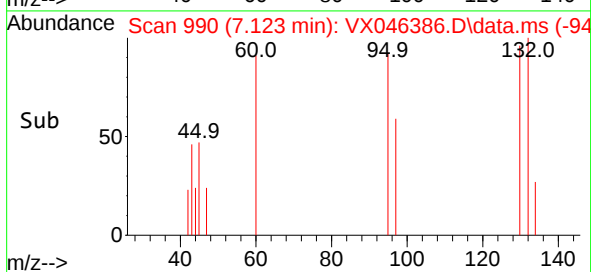
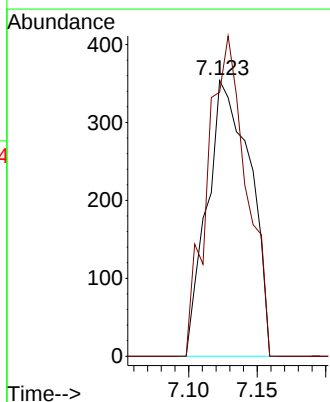
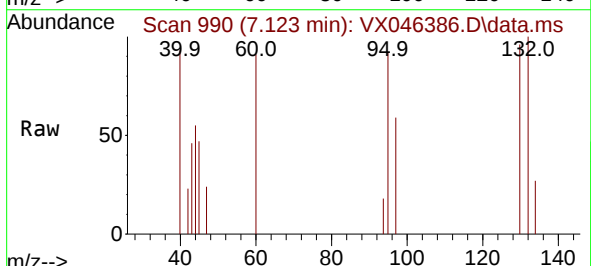
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 0.750 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Tgt Ion:130 Resp: 774
Ion Ratio Lower Upper
130 100
95 95.8 0.0 204.2





#45

1,2-Dichloropropane

Concen: 0.693 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

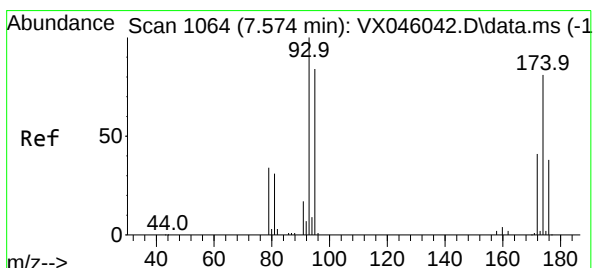
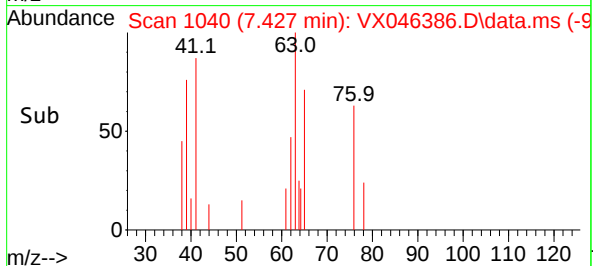
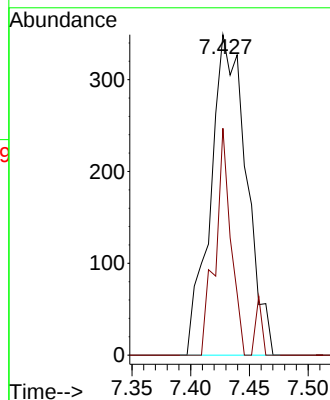
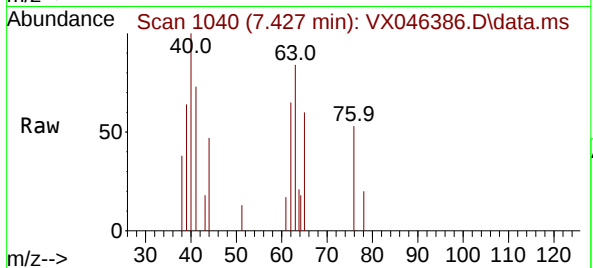
Tgt Ion: 63 Resp: 739
 Ion Ratio Lower Upper
 63 100
 65 70.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 0.870 ug/l

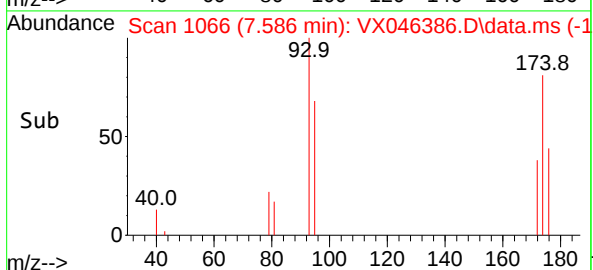
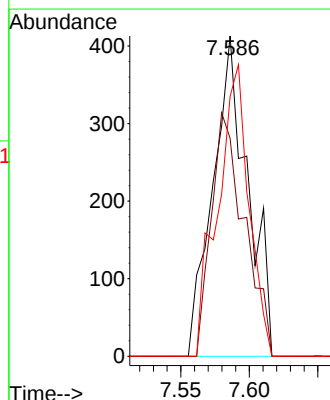
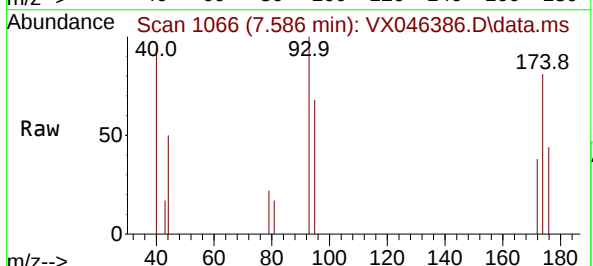
RT: 7.586 min Scan# 1066

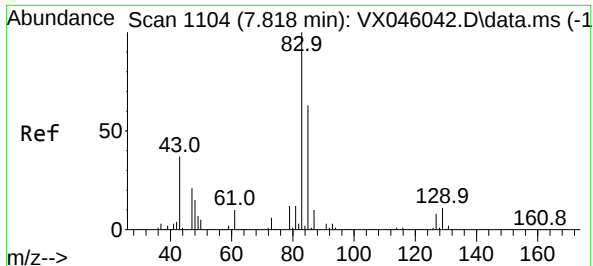
Delta R.T. 0.012 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

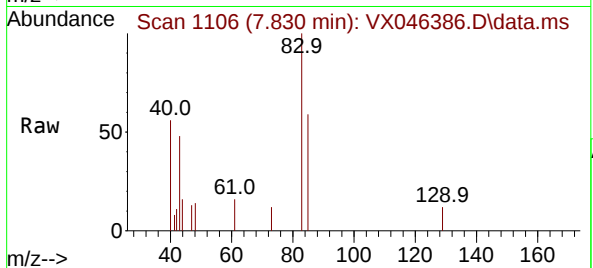
Tgt Ion: 93 Resp: 732
 Ion Ratio Lower Upper
 93 100
 95 71.9 65.6 98.4
 174 81.6 68.2 102.2





#47
Bromodichloromethane
Concen: 0.808 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

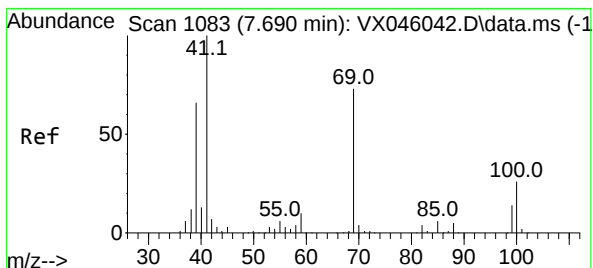
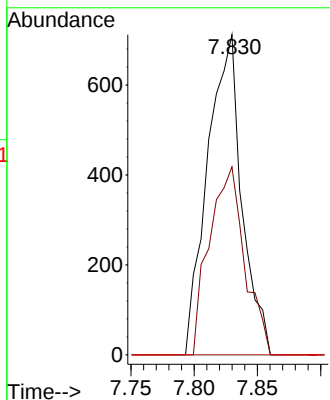
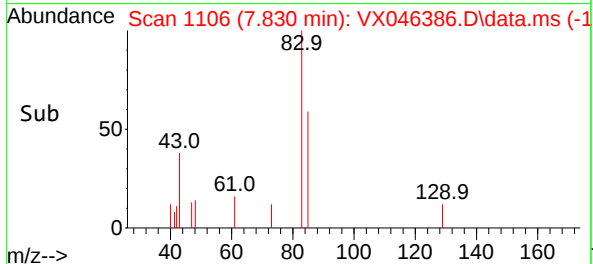
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



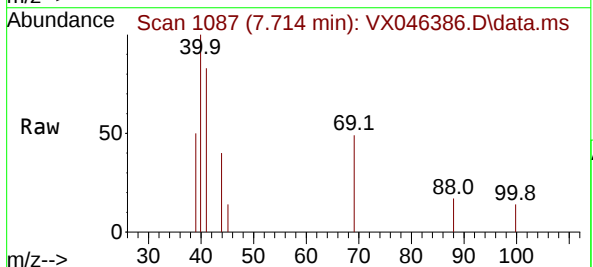
Tgt Ion: 83 Resp: 1339
Ion Ratio Lower Upper
83 100
85 58.7 50.5 75.7
127 0.0 6.5 9.7

Manual Integrations
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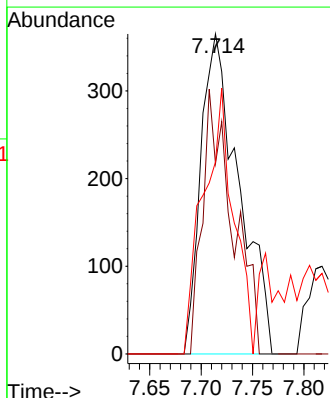
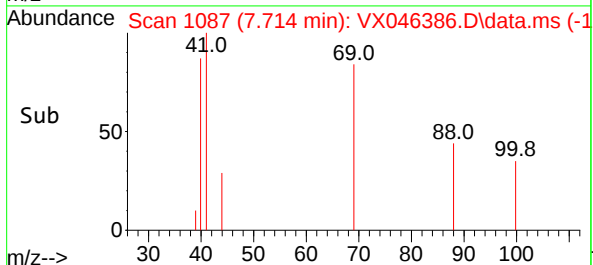
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

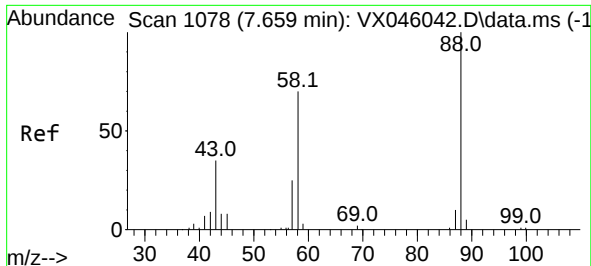


#48
Methyl methacrylate
Concen: 0.664 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.024 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



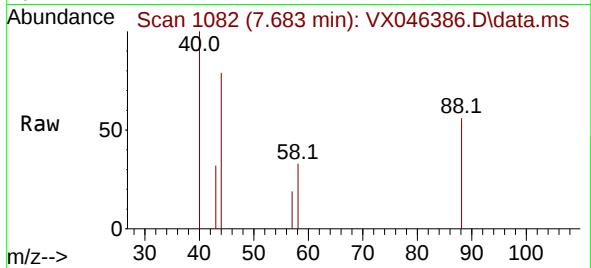
Tgt Ion: 41 Resp: 936
Ion Ratio Lower Upper
41 100
69 65.9 58.5 87.7
39 66.3 51.7 77.5





#49
1,4-Dioxane
Concen: 14.530 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.024 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

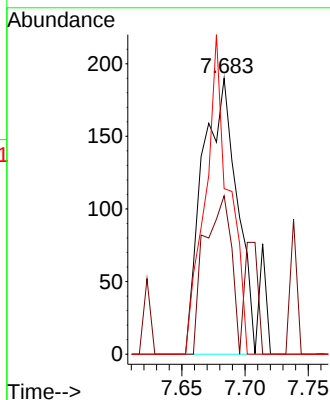
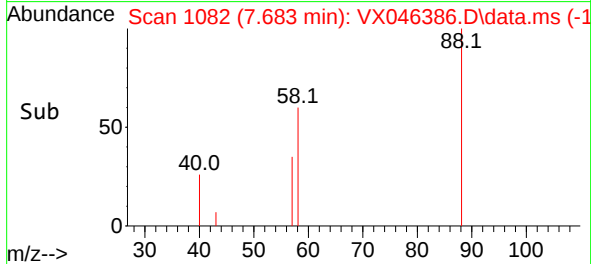
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 88 Resp: 389
Ion Ratio Lower Upper
88 100
43 41.1 33.4 50.2
58 74.0 58.6 88.0

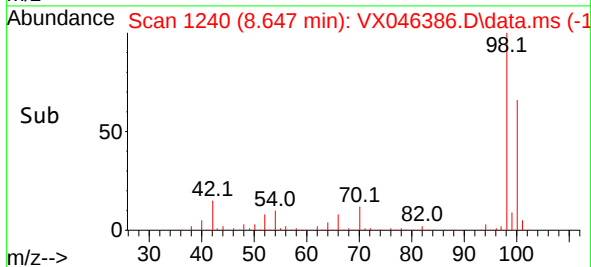
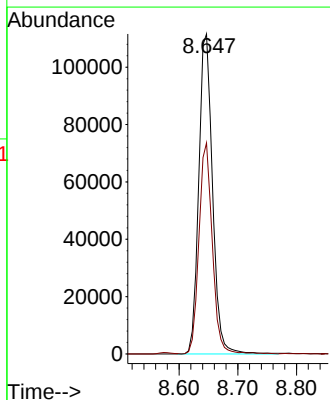
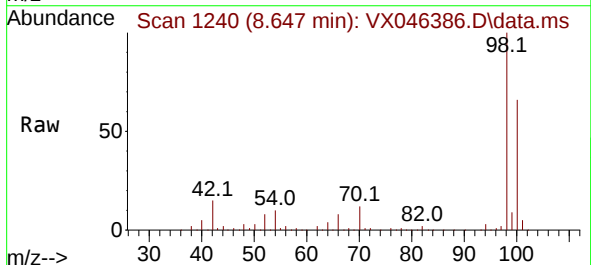
Manual Integrations
APPROVED

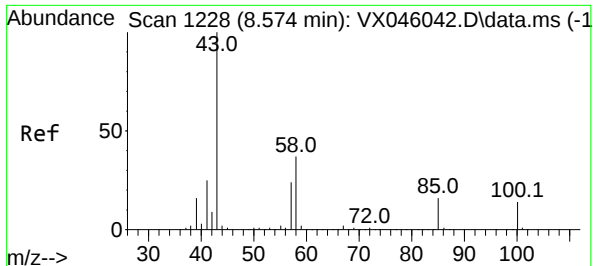
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#50
Toluene-d8
Concen: 48.146 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Tgt Ion: 98 Resp: 181669
Ion Ratio Lower Upper
98 100
100 64.3 53.5 80.3





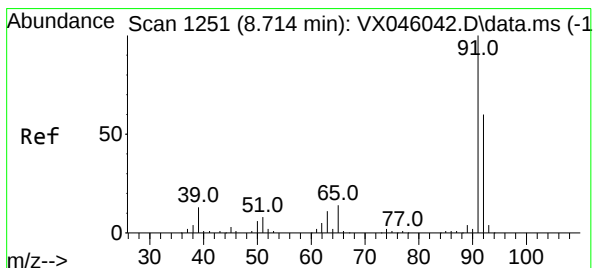
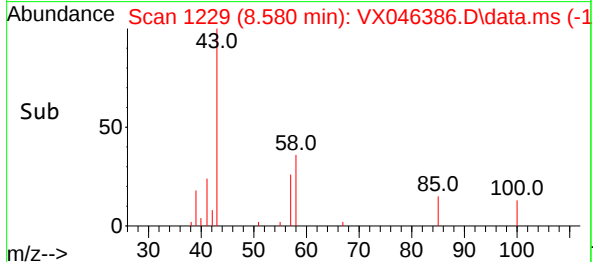
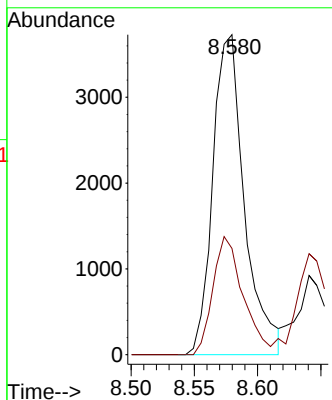
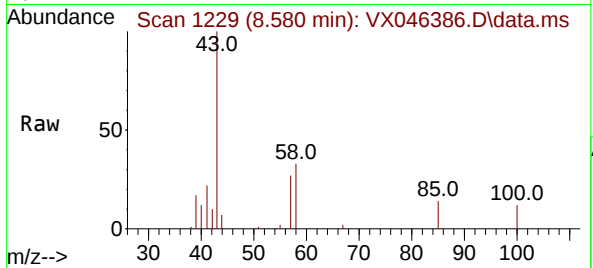
#51
4-Methyl-2-Pentanone
Concen: 3.532 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
58 35.3 28.9 43.3

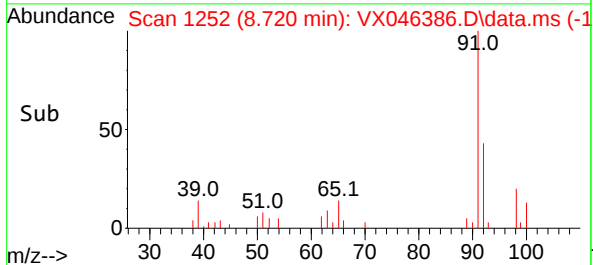
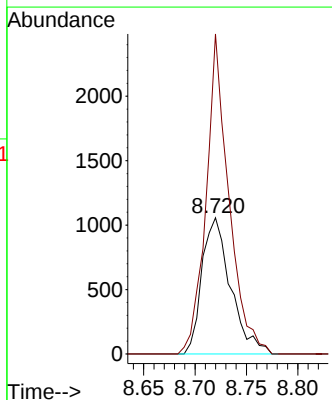
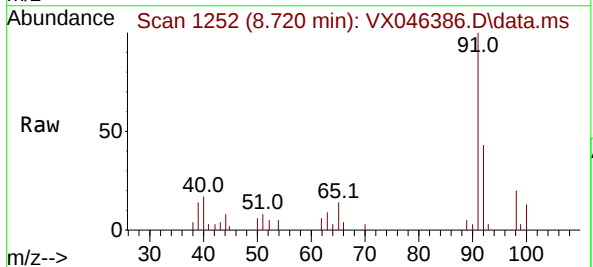
Manual Integrations
APPROVED

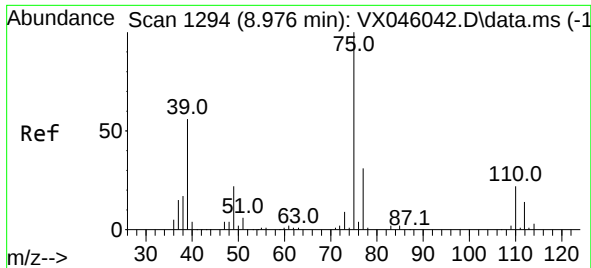
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 0.783 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

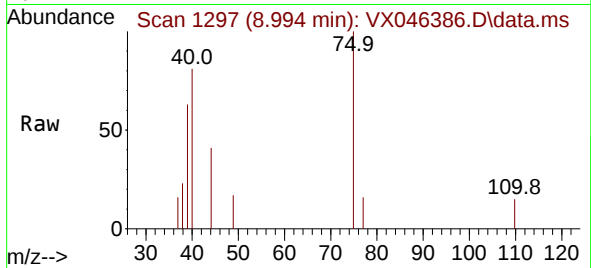
Tgt Ion: 92 Resp: 2059
Ion Ratio Lower Upper
92 100
91 185.7 136.6 205.0





#53
 t-1,3-Dichloropropene
 Concen: 0.651 ug/l
 RT: 8.994 min Scan# 1195
 Delta R.T. 0.018 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49

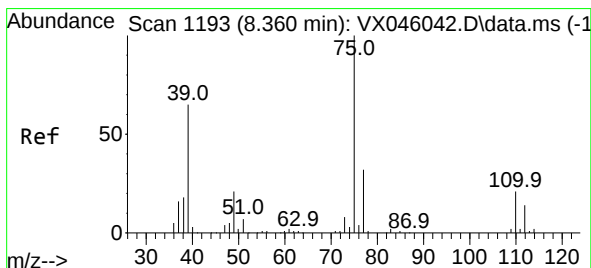
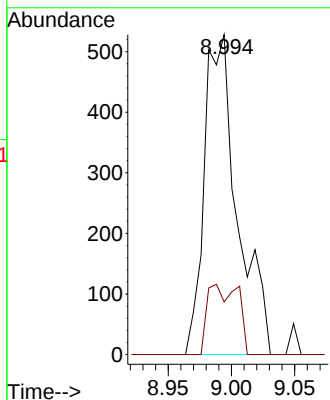
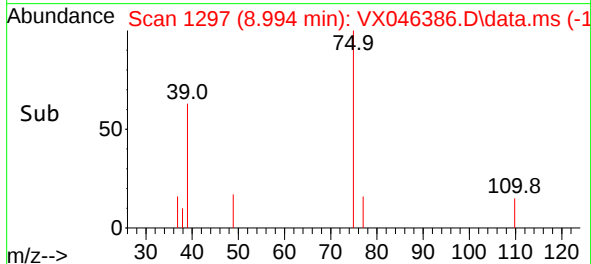
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025



Tgt Ion: 75 Resp: 959
 Ion Ratio Lower Upper
 75 100
 77 16.5 25.0 37.6

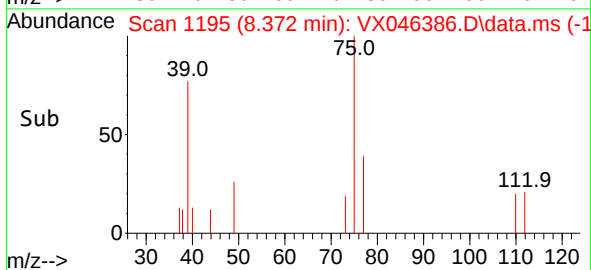
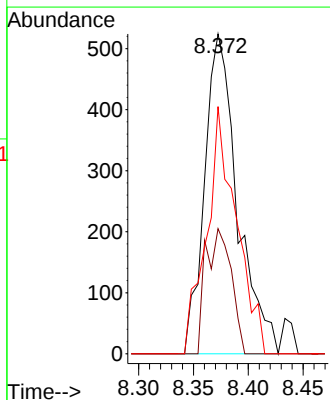
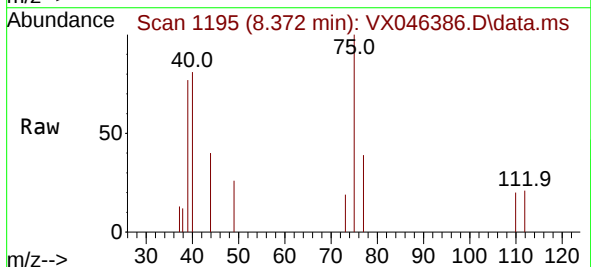
Manual Integrations
 APPROVED

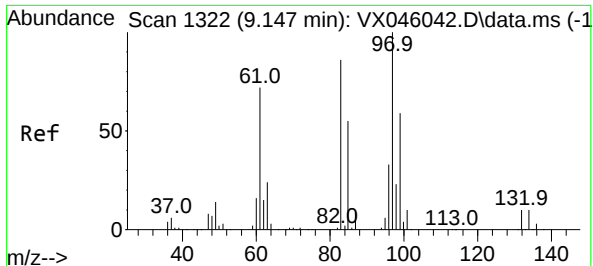
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#54
 cis-1,3-Dichloropropene
 Concen: 0.672 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.012 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49

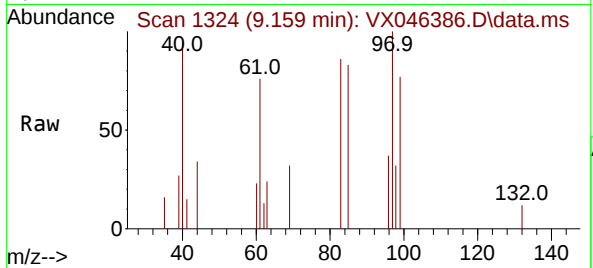
Tgt Ion: 75 Resp: 1094
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.4 38.0#
 39 77.3 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 0.833 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

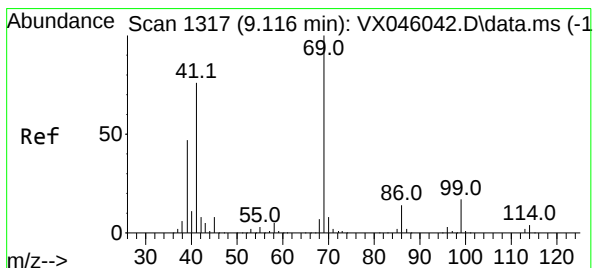
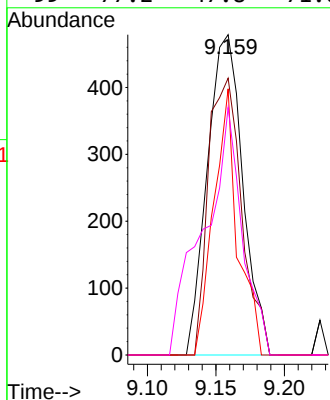
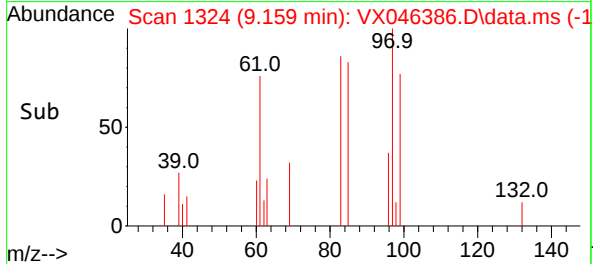
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



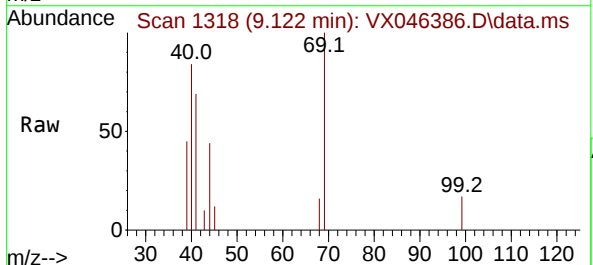
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.6
85	83.1	44.3	66.5
99	77.2	47.8	71.6

Manual Integrations
APPROVED

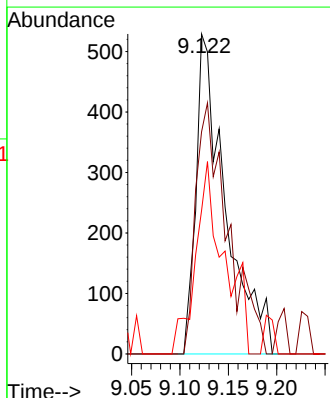
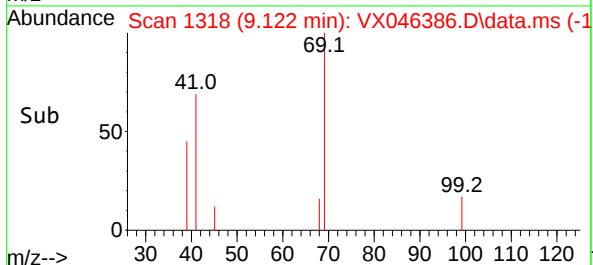
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

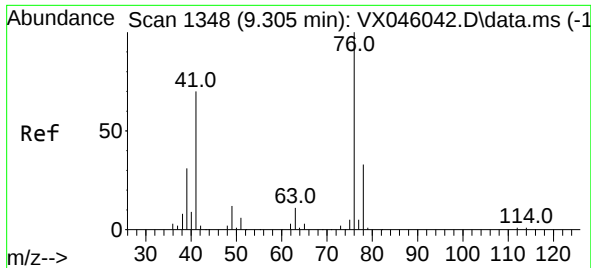


#56
Ethyl methacrylate
Concen: 0.683 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	84.1	60.8	91.2
39	58.1	39.0	58.6





#57

1,3-Dichloropropane

Concen: 0.693 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

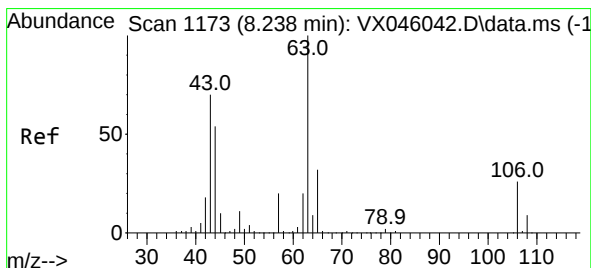
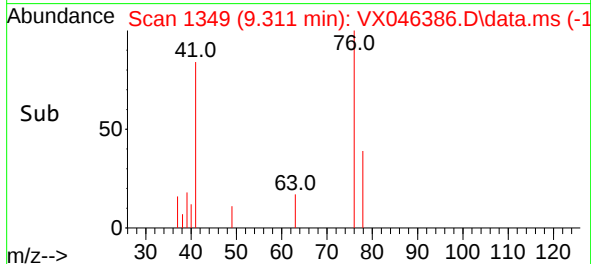
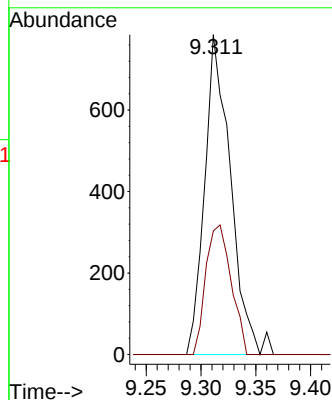
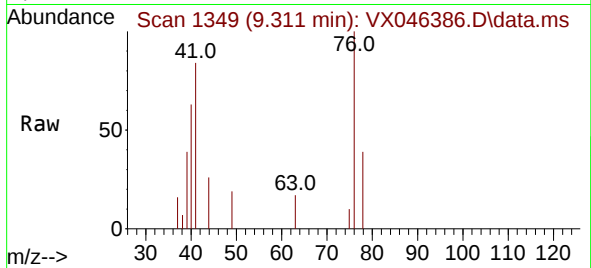
Tgt Ion: 76 Resp: 129
 Ion Ratio Lower Upper
 76 100
 78 39.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 3.454 ug/l

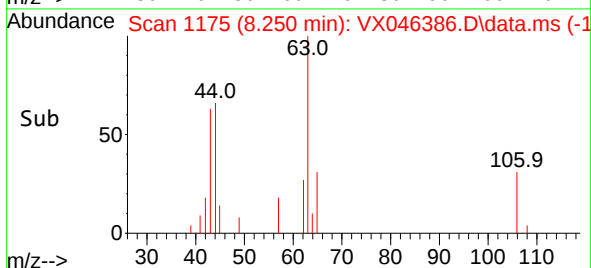
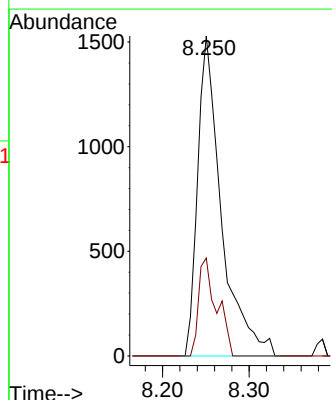
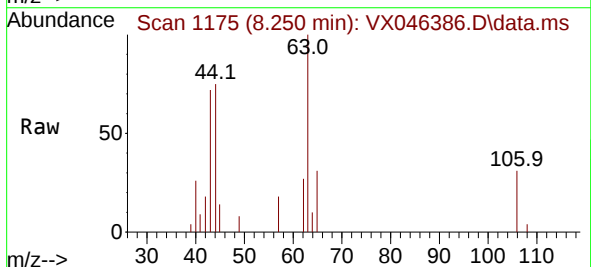
RT: 8.250 min Scan# 1175

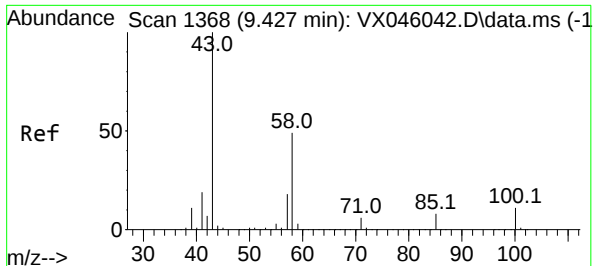
Delta R.T. 0.012 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Tgt Ion: 63 Resp: 2911
 Ion Ratio Lower Upper
 63 100
 106 23.3 21.5 32.3





#59

2-Hexanone

Concen: 3.430 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 465

Ion Ratio Lower Upper

43 100

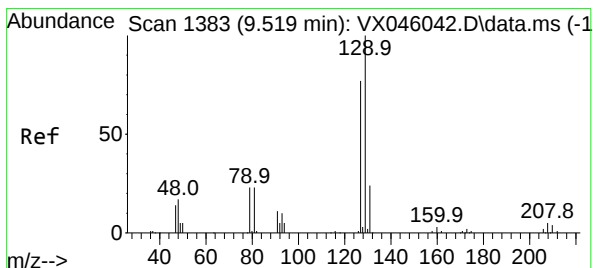
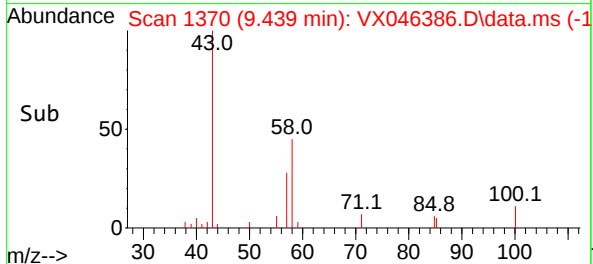
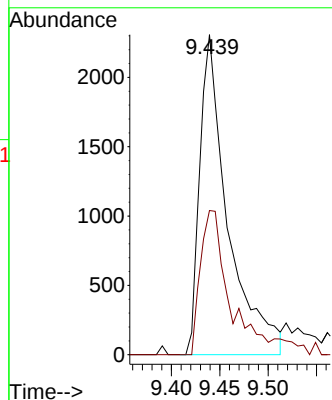
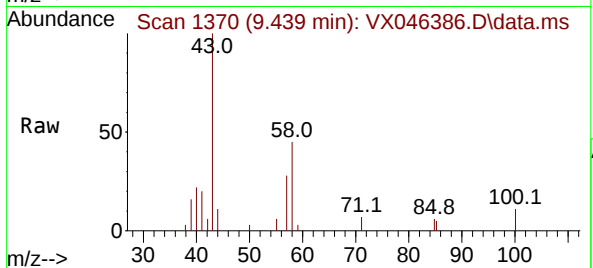
58 50.1 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#60

Dibromochloromethane

Concen: 0.726 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX046386.D

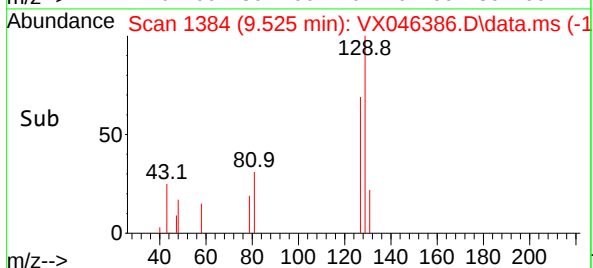
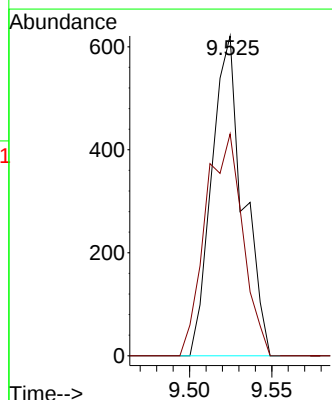
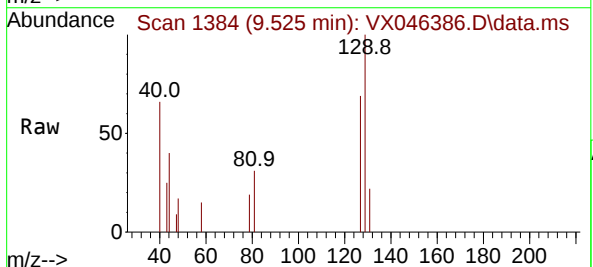
Acq: 28 May 2025 15:49

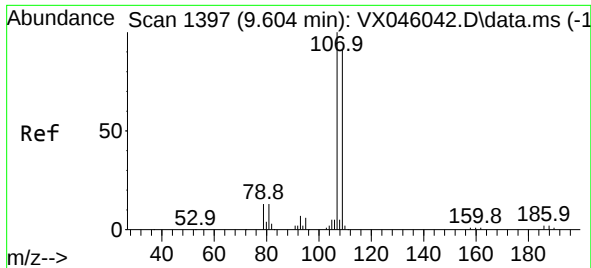
Tgt Ion:129 Resp: 827

Ion Ratio Lower Upper

129 100

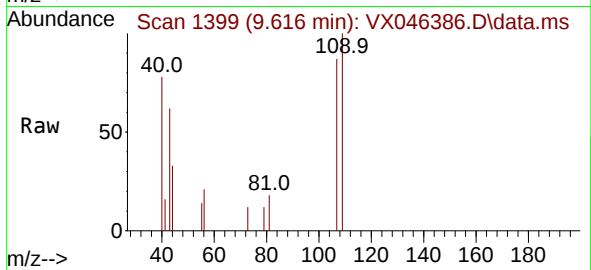
127 82.3 39.3 117.8





#61
1,2-Dibromoethane
Concen: 0.701 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

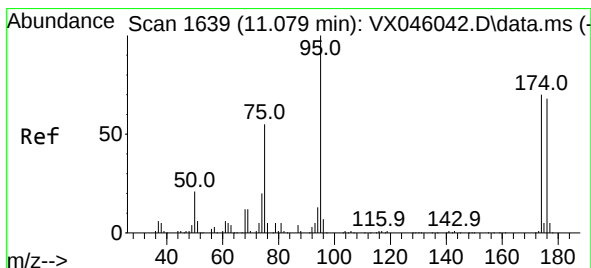
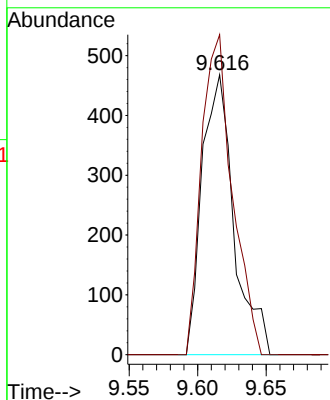
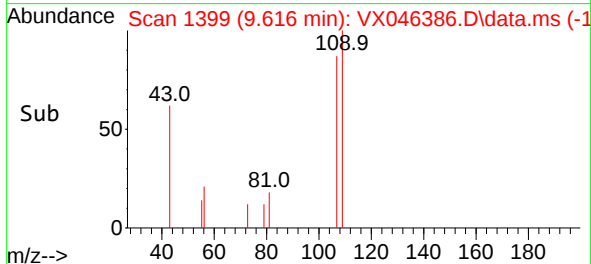
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



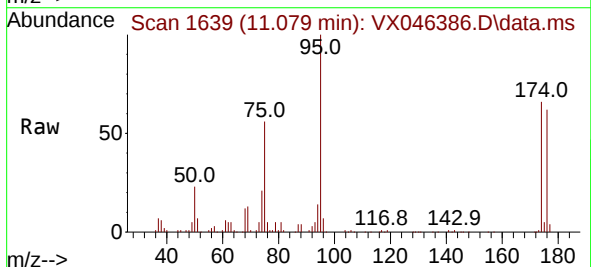
Tgt Ion:107 Resp: 750
Ion Ratio Lower Upper
107 100
109 111.1 73.3 109.9

Manual Integrations
APPROVED

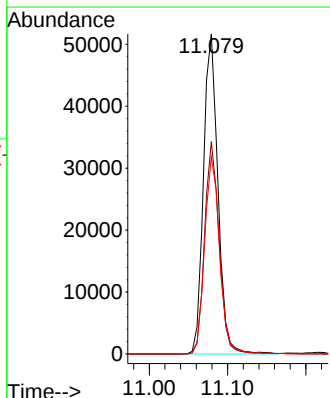
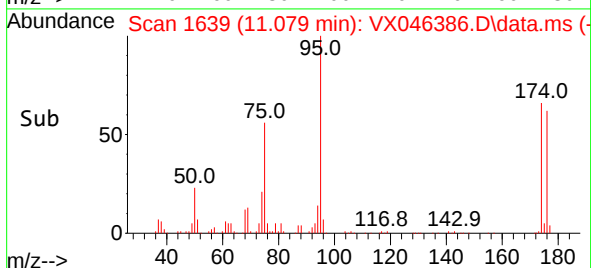
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

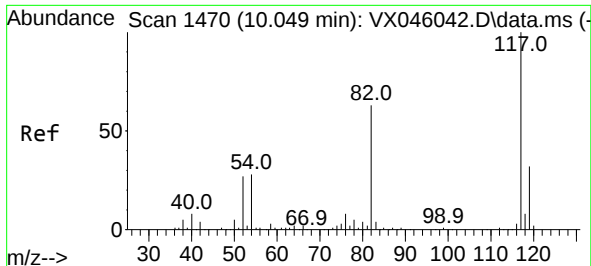


#62
4-Bromofluorobenzene
Concen: 45.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



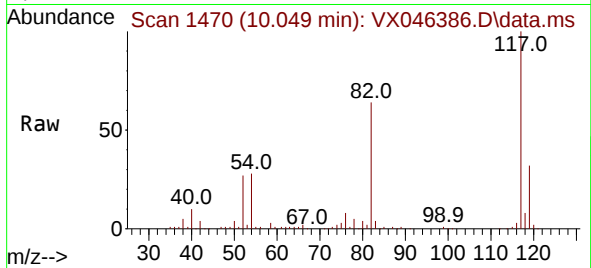
Tgt Ion: 95 Resp: 66376
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 63.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

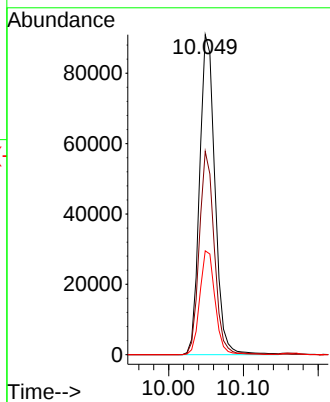
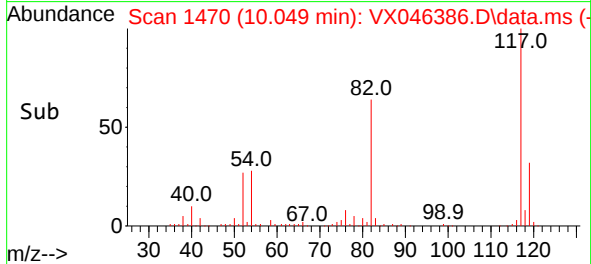
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:117 Resp: 12995
Ion Ratio Lower Upper
117 100
82 63.6 50.6 76.0
119 32.5 25.8 38.6

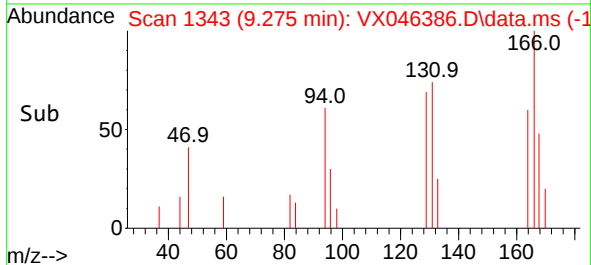
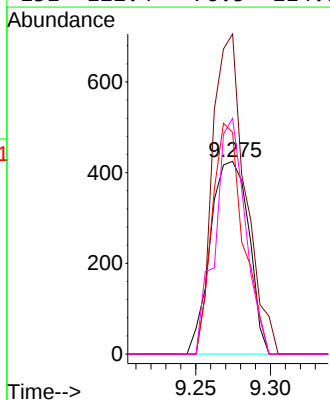
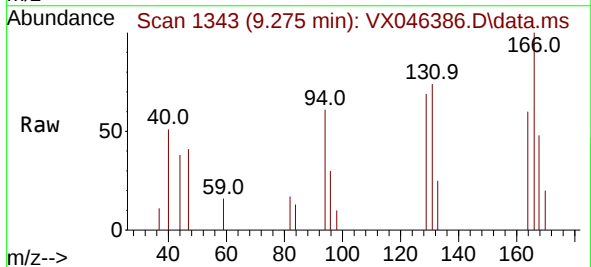
Manual Integrations
APPROVED

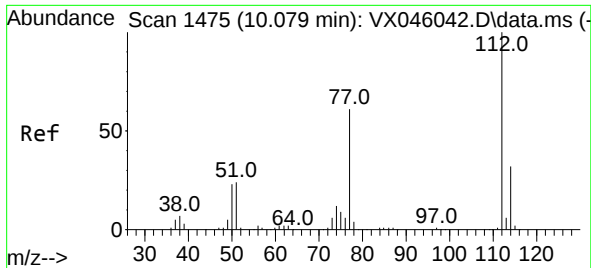
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 0.823 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Tgt Ion:164 Resp: 757
Ion Ratio Lower Upper
164 100
166 166.1 105.0 157.6#
129 115.1 83.5 125.3
131 122.4 76.5 114.7#





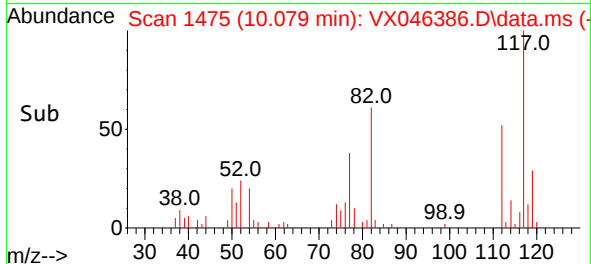
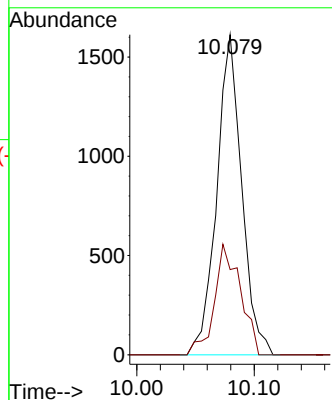
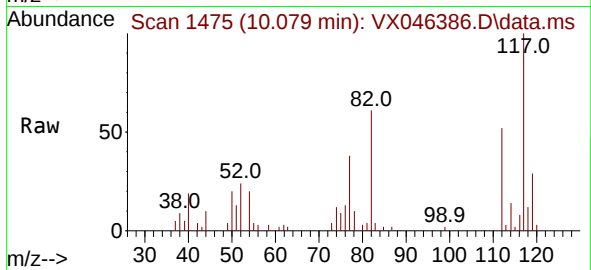
#65
Chlorobenzene
Concen: 0.838 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion:112 Resp: 238
Ion Ratio Lower Upper
112 100
114 26.6 25.4 38.2

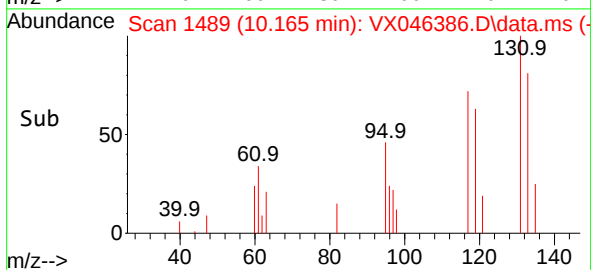
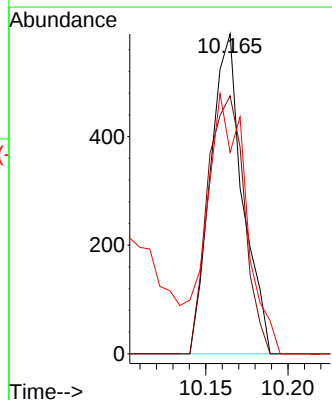
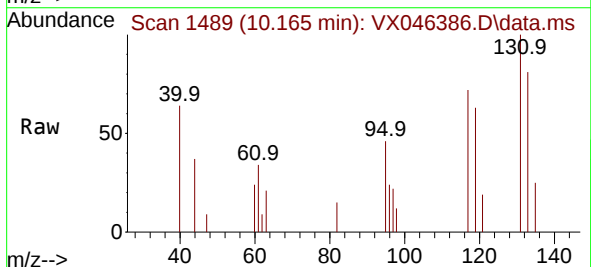
Manual Integrations
APPROVED

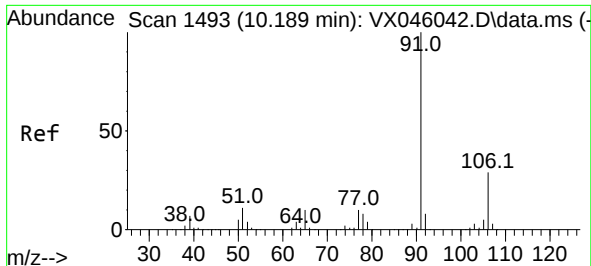
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.826 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Tgt Ion:131 Resp: 802
Ion Ratio Lower Upper
131 100
133 91.4 47.3 141.9
119 0.0 31.6 95.0#





#67

Ethyl Benzene

Concen: 0.802 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_X

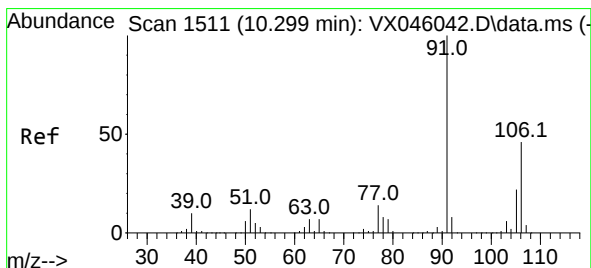
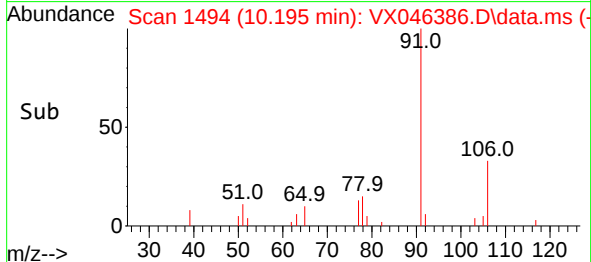
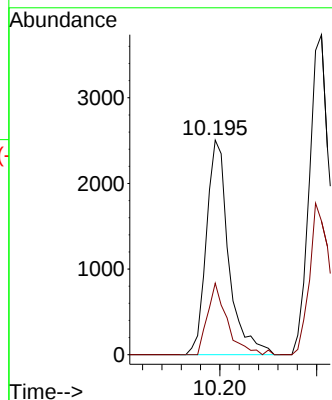
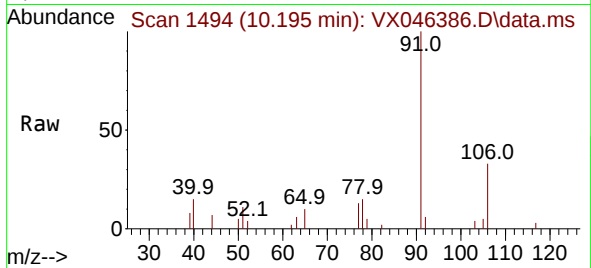
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 402
 Ion Ratio Lower Upper
 91 100
 106 33.3 23.4 35.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#68

m/p-Xylenes

Concen: 1.516 ug/l

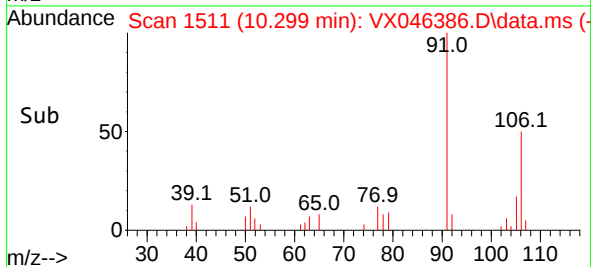
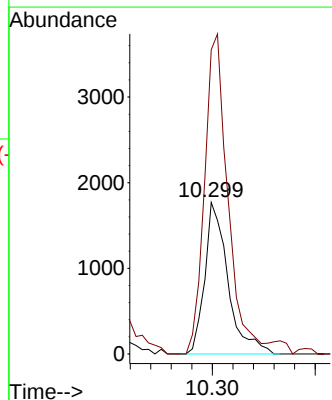
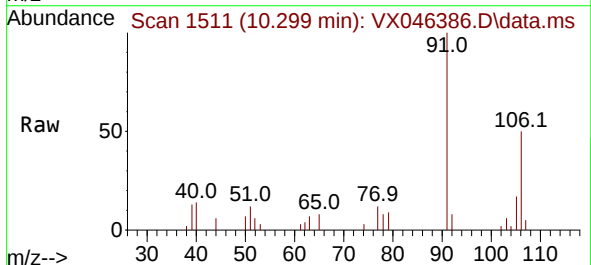
RT: 10.299 min Scan# 1511

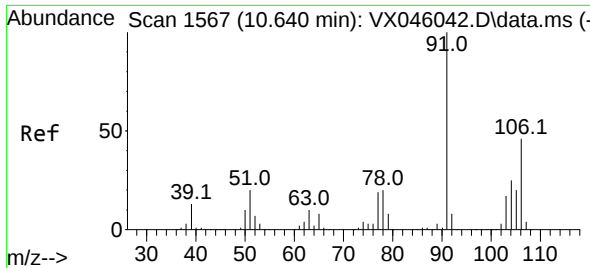
Delta R.T. -0.000 min

Lab File: VX046386.D

Acq: 28 May 2025 15:49

Tgt Ion:106 Resp: 2781
 Ion Ratio Lower Upper
 106 100
 91 211.9 171.2 256.8





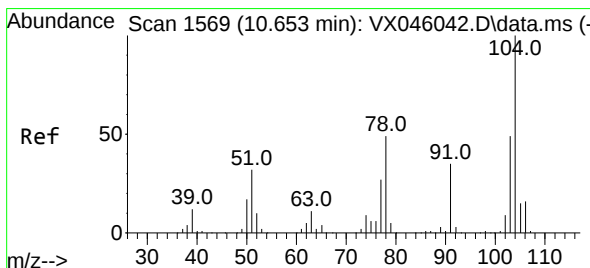
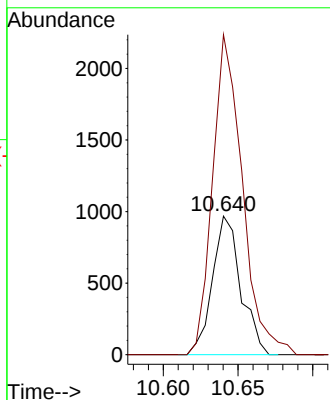
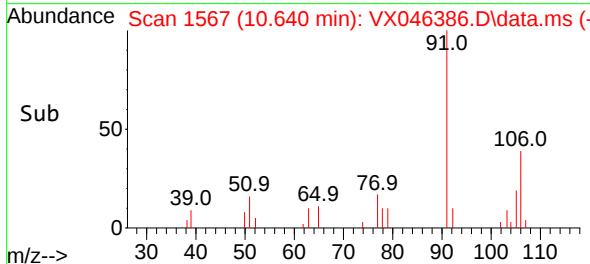
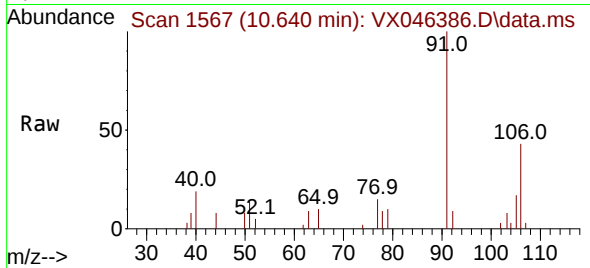
#69
o-Xylene
Concen: 0.715 ug/l
RT: 10.640 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion:106 Resp: 1279
Ion Ratio Lower Upper
106 100
91 242.4 112.7 338.1

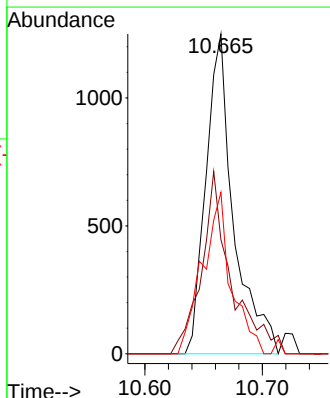
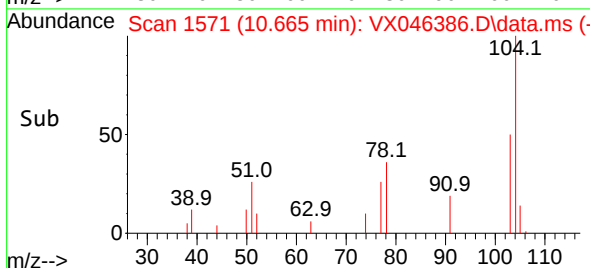
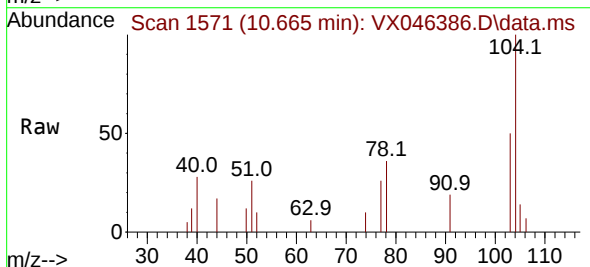
Manual Integrations
APPROVED

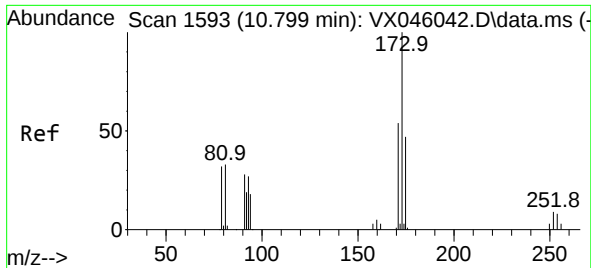
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 0.700 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

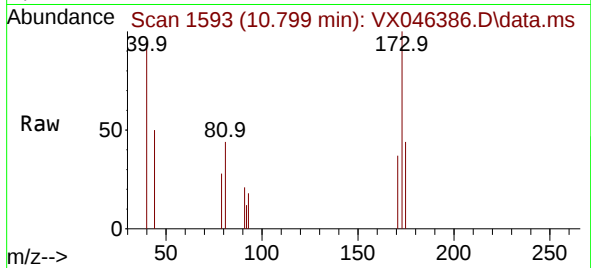
Tgt Ion:104 Resp: 2050
Ion Ratio Lower Upper
104 100
78 60.8 45.7 68.5
103 52.4 43.7 65.5





#71
Bromoform
Concen: 0.762 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

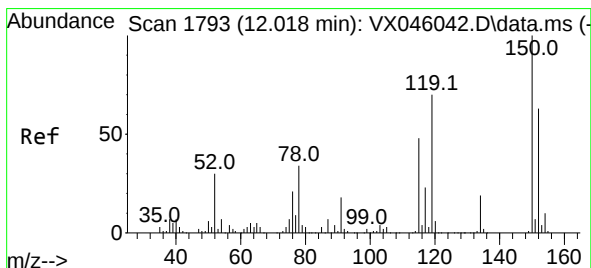
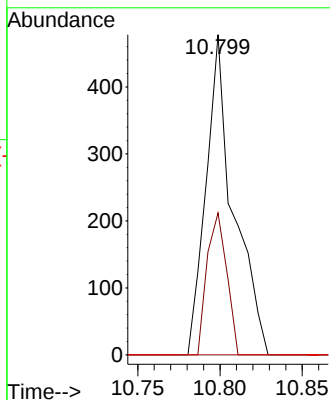
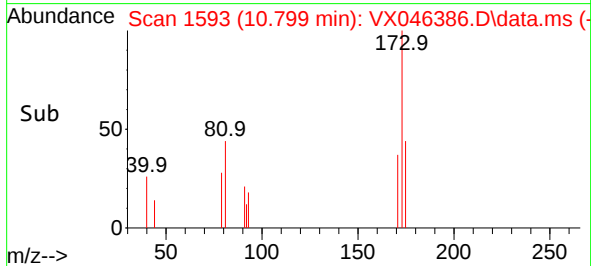
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



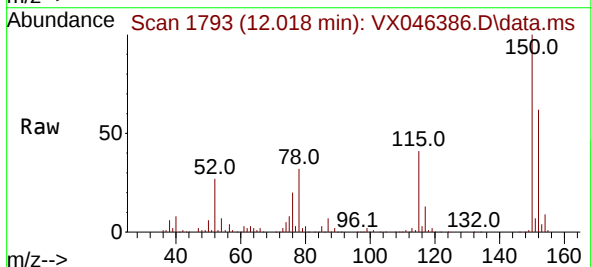
Tgt Ion:173 Resp: 550
Ion Ratio Lower Upper
173 100
175 31.5 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
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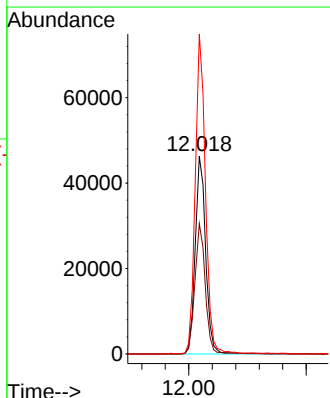
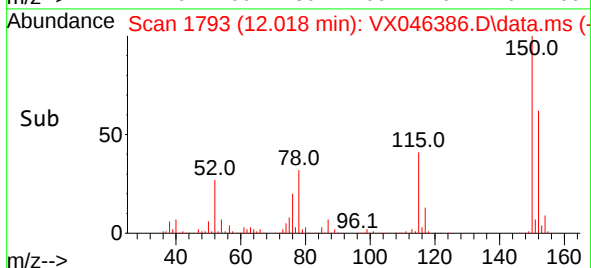
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



Tgt Ion:152 Resp: 57125
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 157.0 0.0 351.0





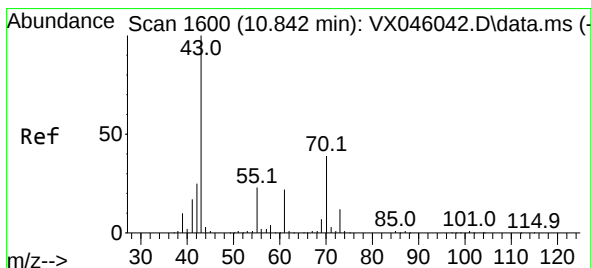
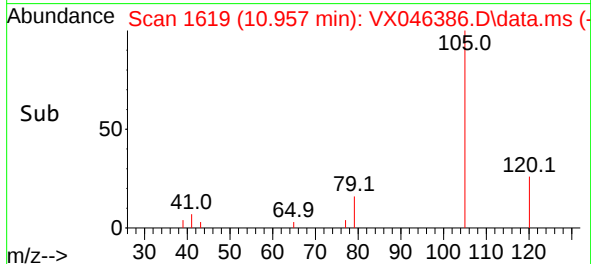
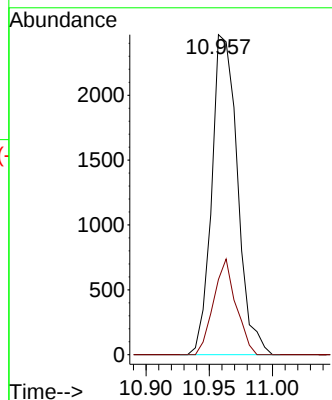
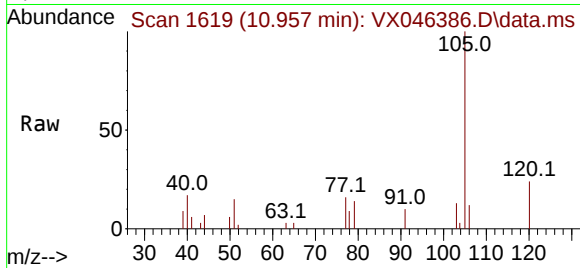
#73
Isopropylbenzene
Concen: 0.784 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 3488
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

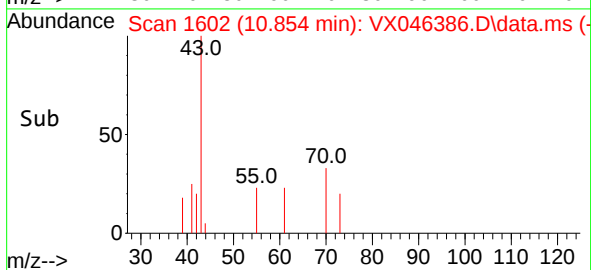
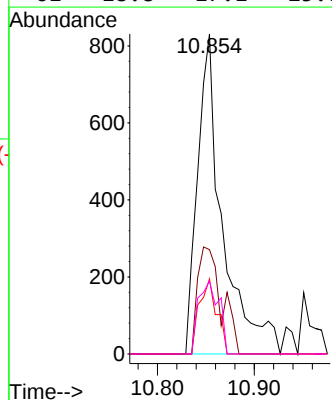
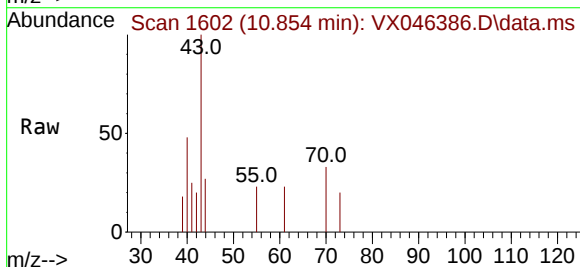
Manual Integrations
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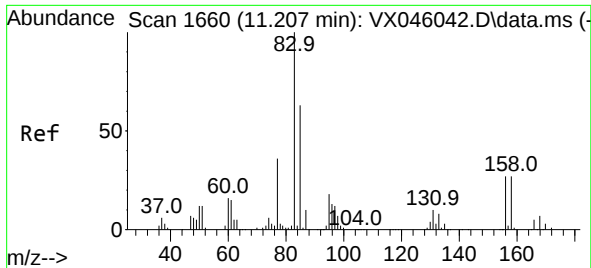
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 0.678 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

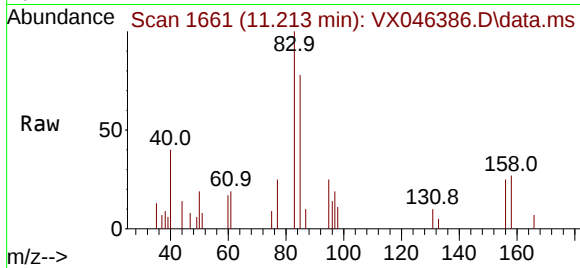
Tgt Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
70 31.9 30.9 46.3
55 16.5 18.7 28.1#
61 18.8 17.1 25.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.883 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49

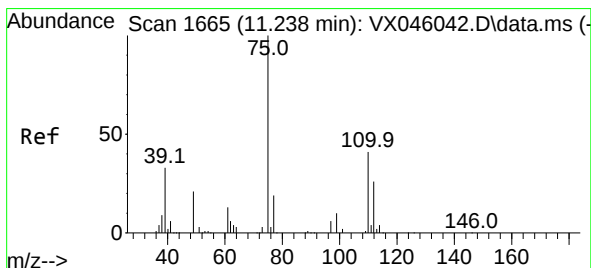
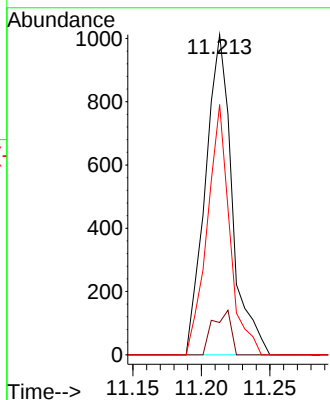
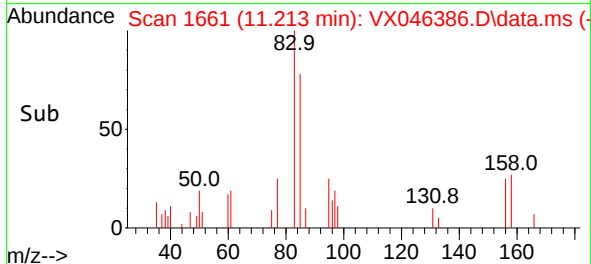
Instrument : MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025



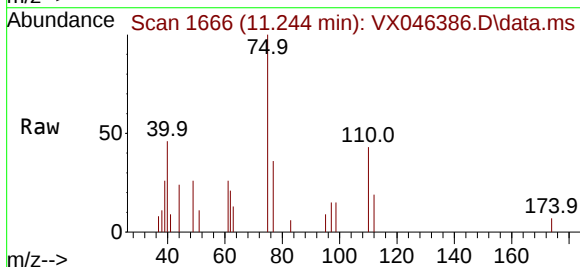
Tgt Ion: 83 Resp: 1370
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 14.9
 85 65.6 31.9 95.7

Manual Integrations
 APPROVED

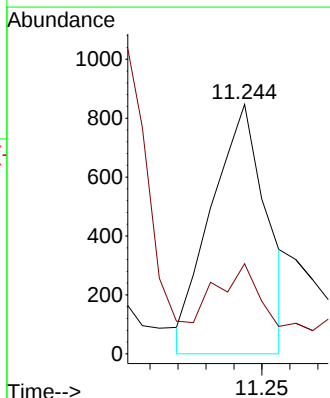
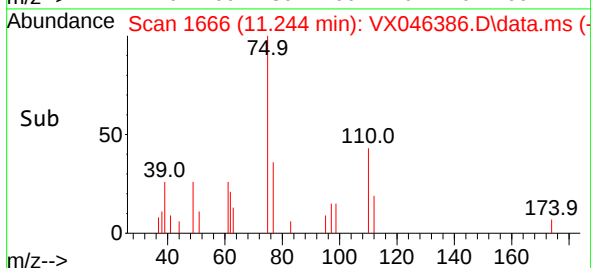
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

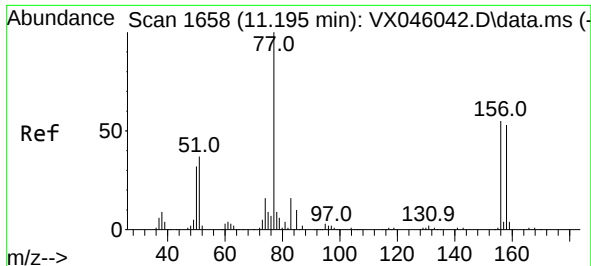


#76
 1,2,3-Trichloropropane
 Concen: 0.843 ug/l m
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.006 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49



Tgt Ion: 75 Resp: 1159
 Ion Ratio Lower Upper
 75 100
 77 42.2 20.5 61.5





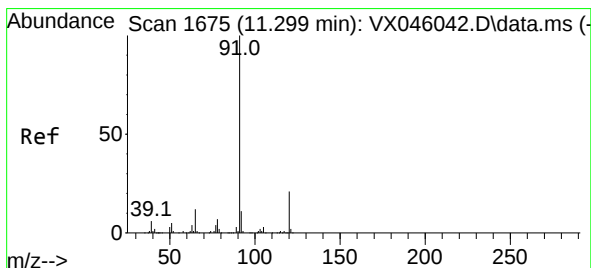
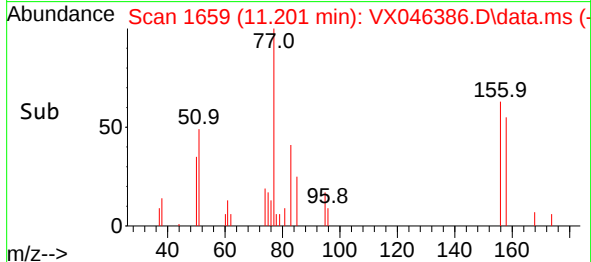
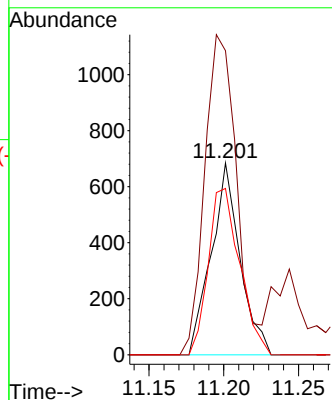
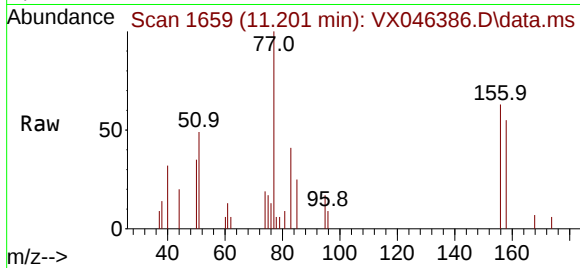
#77
Bromobenzene
Concen: 0.887 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion	Ratio	Lower	Upper
156	100		
77	184.9	92.8	278.3
158	95.0	48.8	146.3

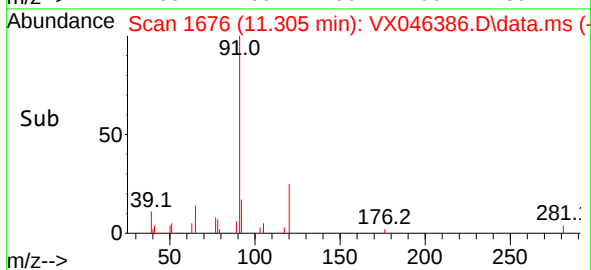
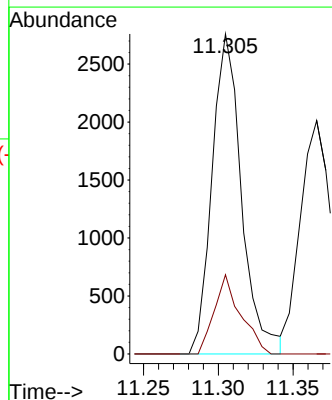
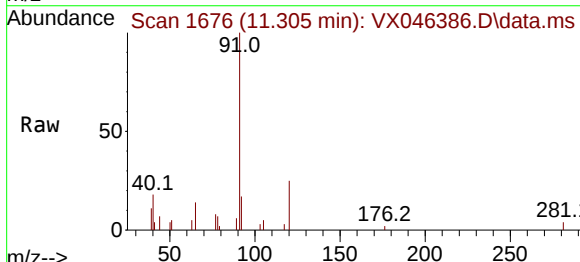
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#78
n-propylbenzene
Concen: 0.732 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.8	32.4





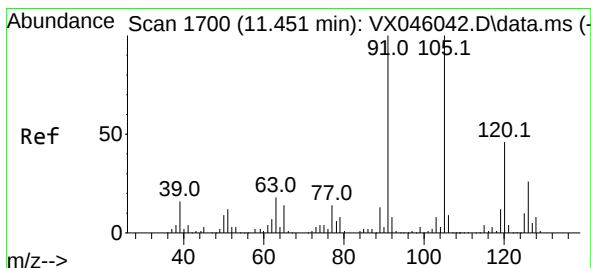
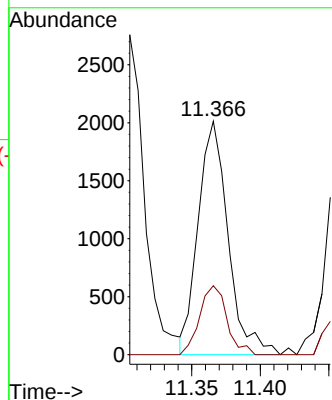
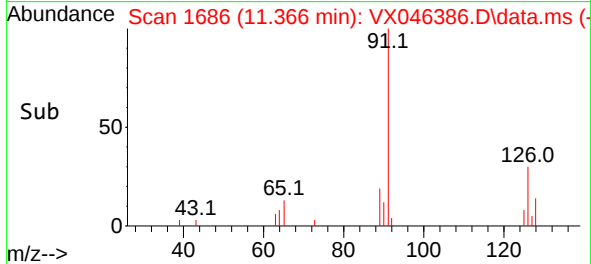
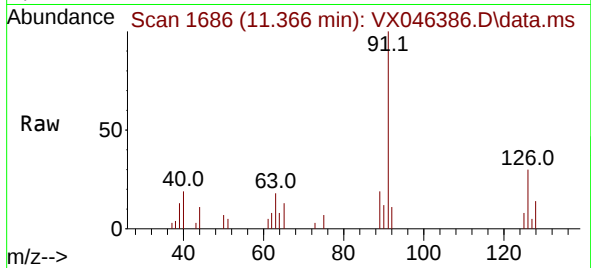
#79
2-Chlorotoluene
Concen: 0.916 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 3050
Ion Ratio Lower Upper
91 100
126 26.8 15.6 46.7

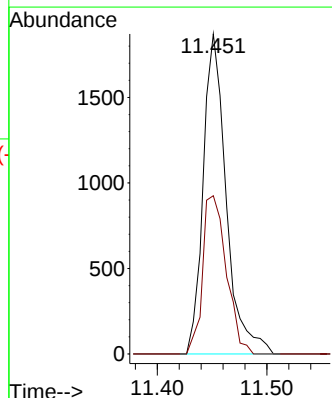
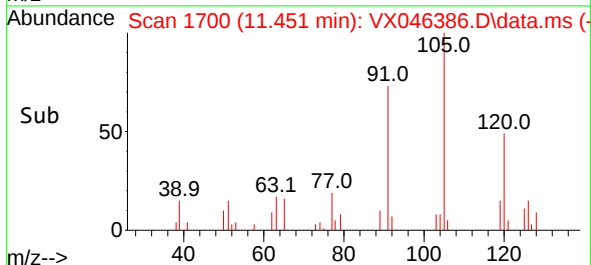
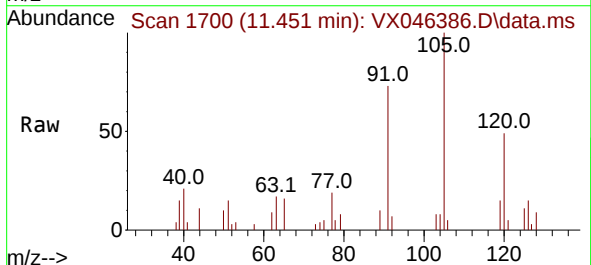
Manual Integrations
APPROVED

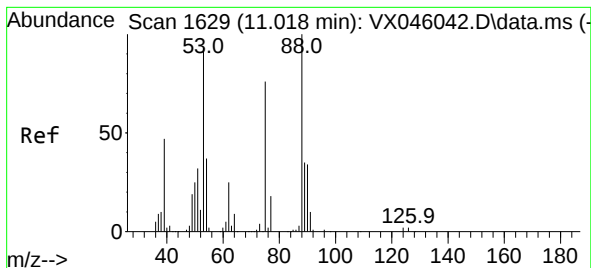
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.734 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

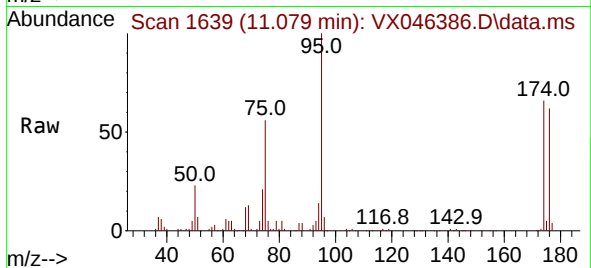
Tgt Ion:105 Resp: 2726
Ion Ratio Lower Upper
105 100
120 51.0 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 90.045 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

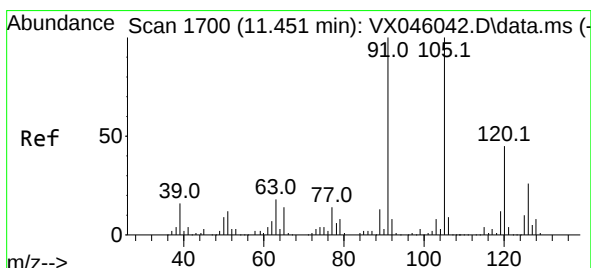
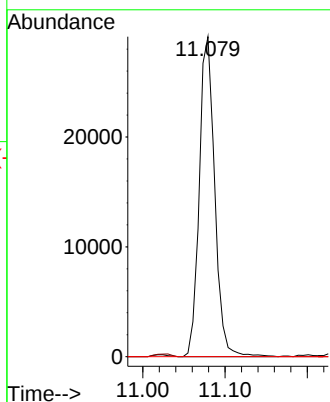
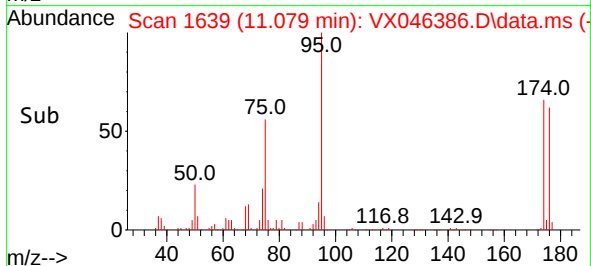
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



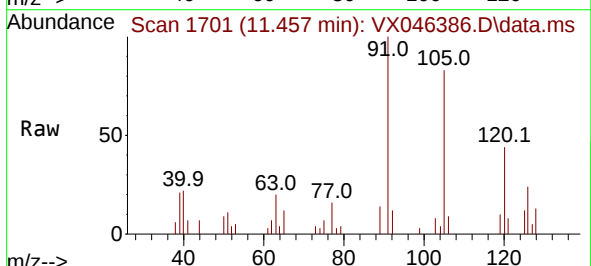
Tgt Ion: 75 Resp: 38030
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7
89 0.0 37.0 55.6

Manual Integrations
APPROVED

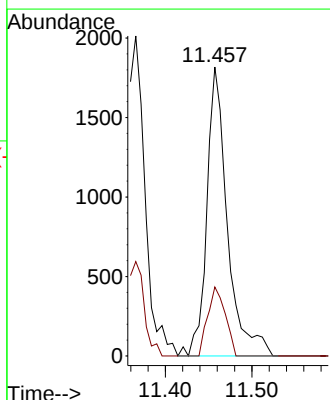
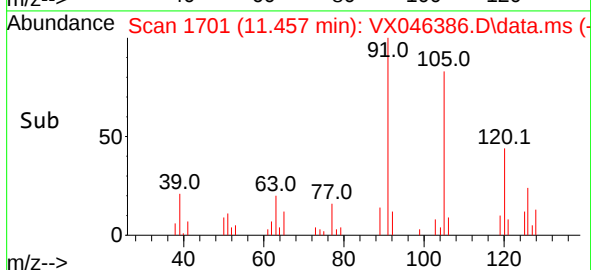
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

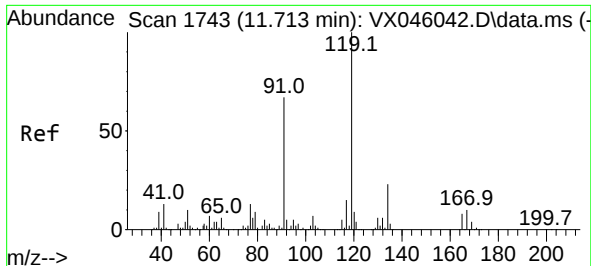


#82
4-Chlorotoluene
Concen: 0.811 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



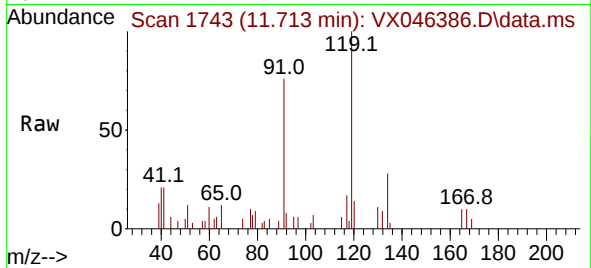
Tgt Ion: 91 Resp: 3001
Ion Ratio Lower Upper
91 100
126 20.4 13.3 39.8





#83
tert-Butylbenzene
Concen: 0.778 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

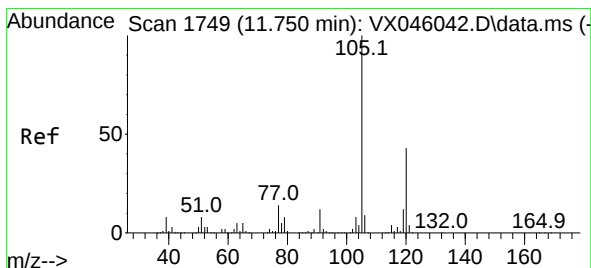
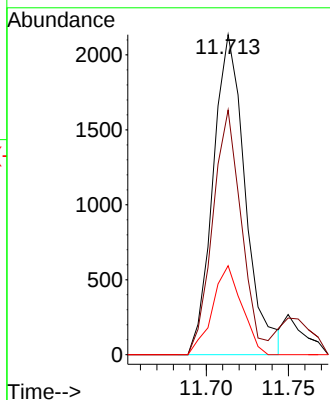
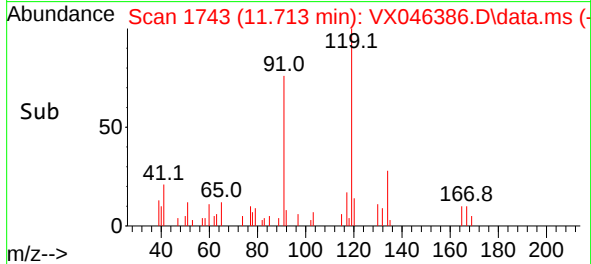
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



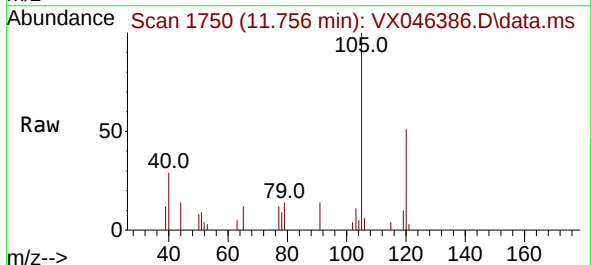
Tgt Ion:119 Resp: 291
Ion Ratio Lower Upper
119 100
91 68.5 32.9 98.7
134 25.4 11.4 34.1

Manual Integrations
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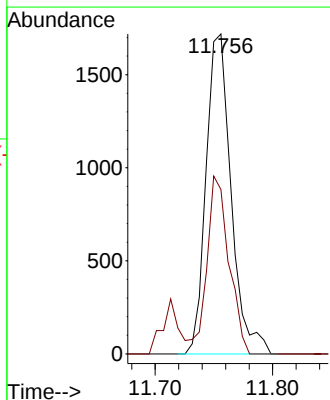
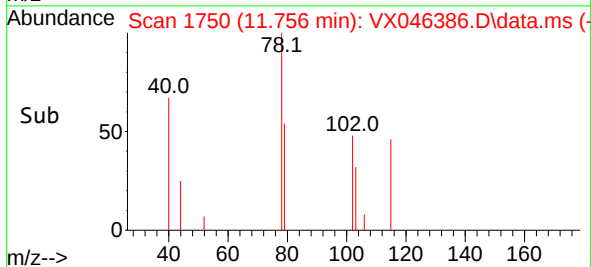
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 0.677 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



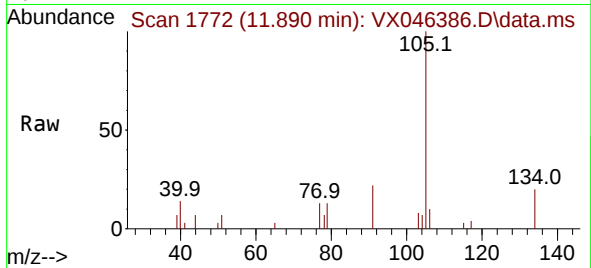
Tgt Ion:105 Resp: 2548
Ion Ratio Lower Upper
105 100
120 49.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.686 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49

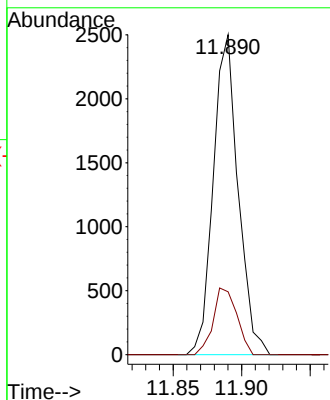
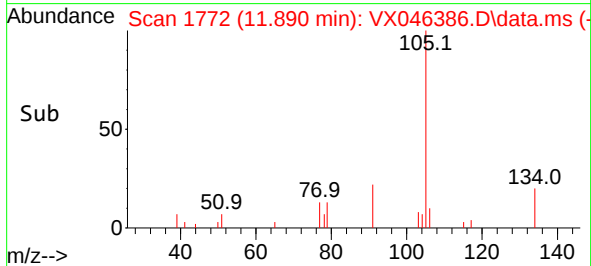
Instrument : MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025



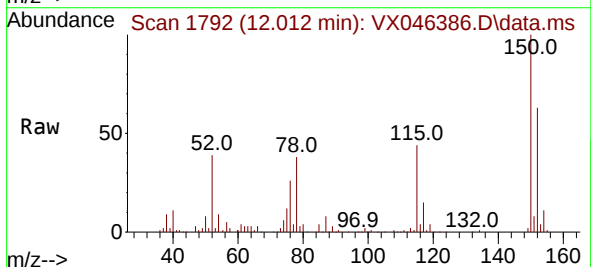
Tgt Ion:105 Resp: 315
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1

Manual Integrations
 APPROVED

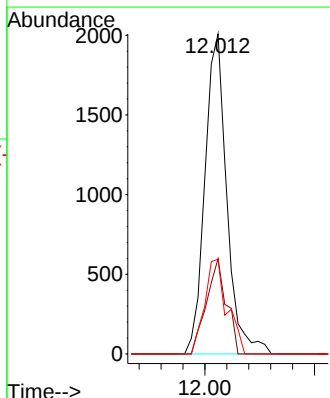
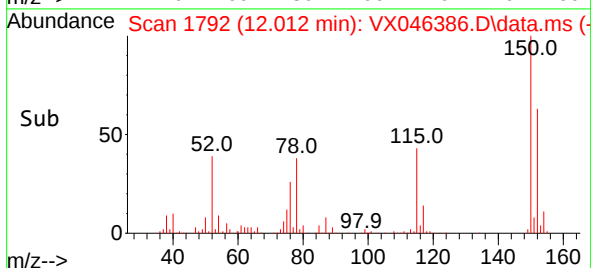
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 0.735 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX046386.D
 Acq: 28 May 2025 15:49



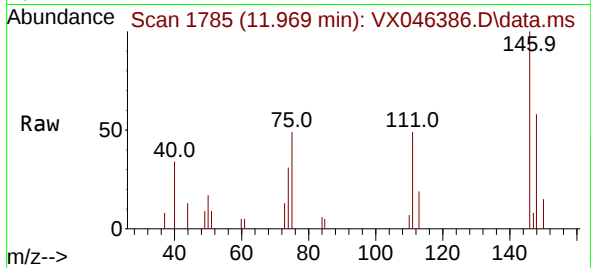
Tgt Ion:119 Resp: 2786
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.5 37.5
 91 30.2 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 0.786 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

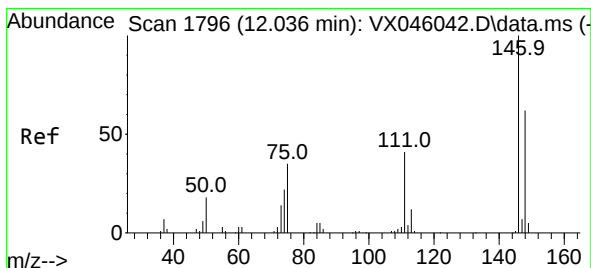
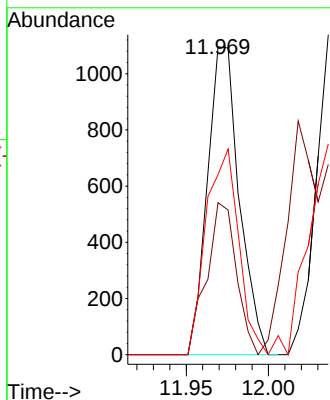
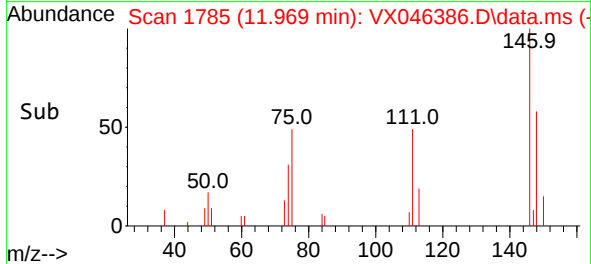
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



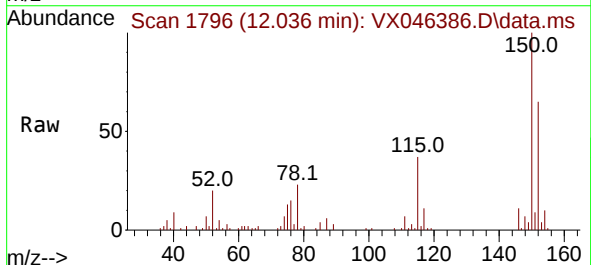
Tgt Ion:146 Resp: 148
Ion Ratio Lower Upper
146 100
111 46.0 22.1 66.3
148 68.3 32.1 96.5

Manual Integrations
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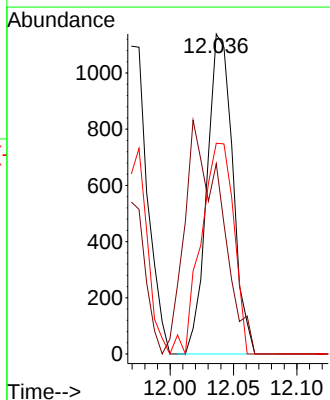
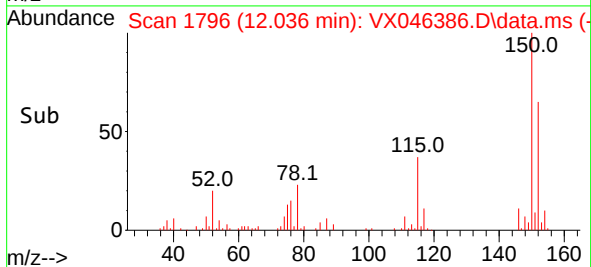
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

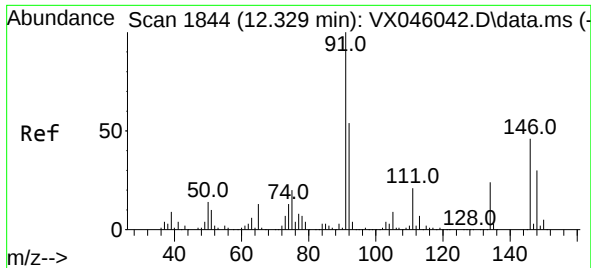


#88
1,4-Dichlorobenzene
Concen: 0.836 ug/l m
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



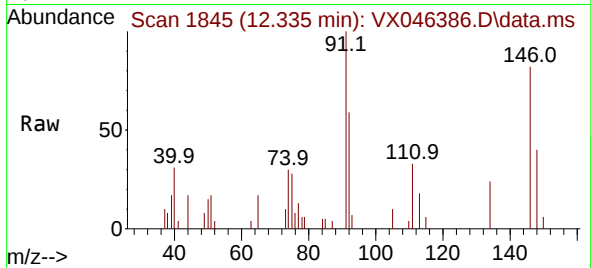
Tgt Ion:146 Resp: 1608
Ion Ratio Lower Upper
146 100
111 42.4 21.3 63.9
148 62.9 31.9 95.5





#89
n-Butylbenzene
Concen: 0.650 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

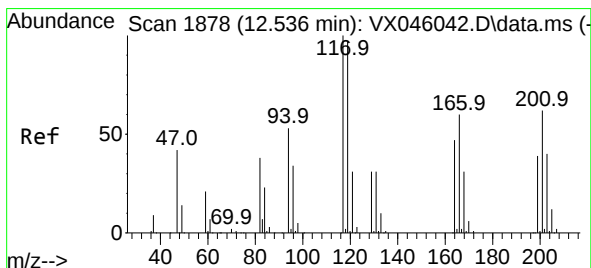
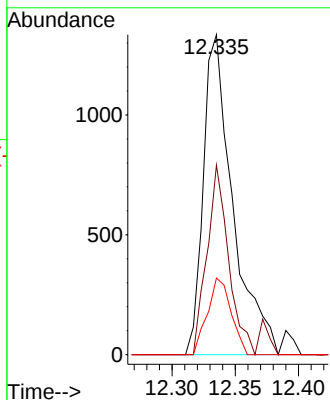
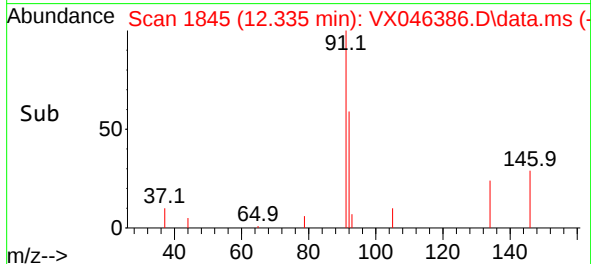
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 91 Resp: 216
Ion Ratio Lower Upper
91 100
92 43.5 26.9 80.7
134 19.3 11.8 35.3

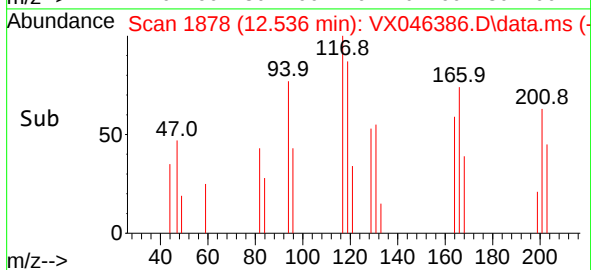
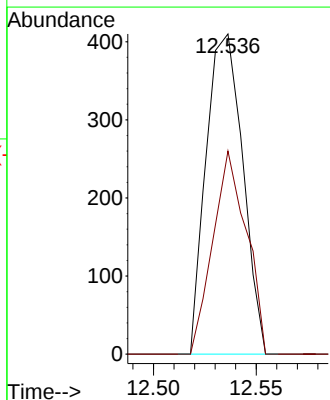
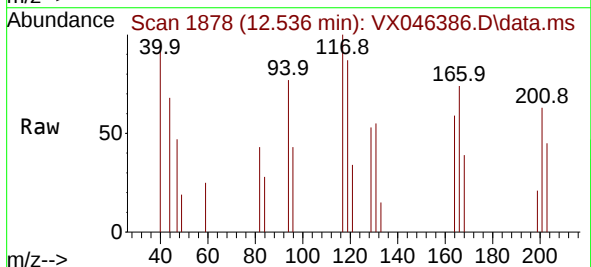
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 0.762 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

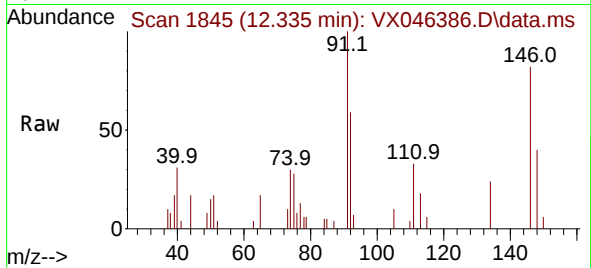
Tgt Ion:117 Resp: 509
Ion Ratio Lower Upper
117 100
201 58.2 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 0.856 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

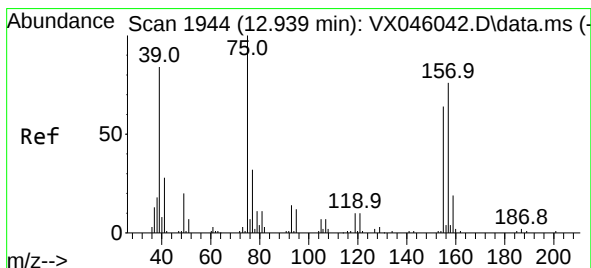
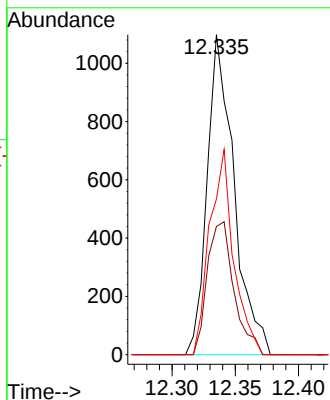
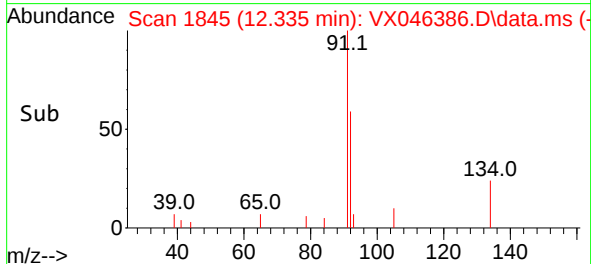
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



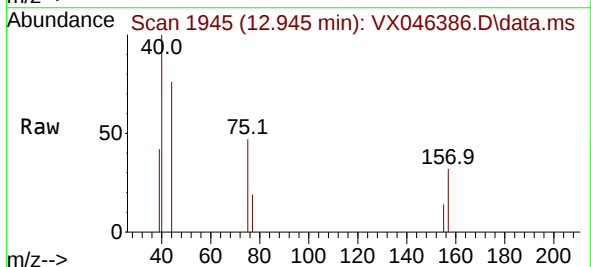
Tgt Ion:146 Resp: 1619
Ion Ratio Lower Upper
146 100
111 41.4 22.4 67.3
148 57.4 31.6 94.8

Manual Integrations
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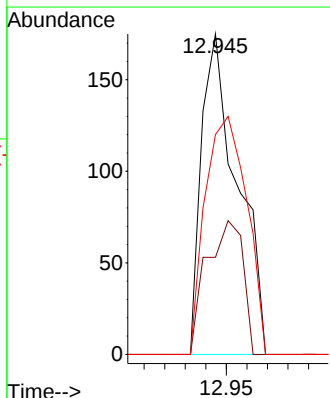
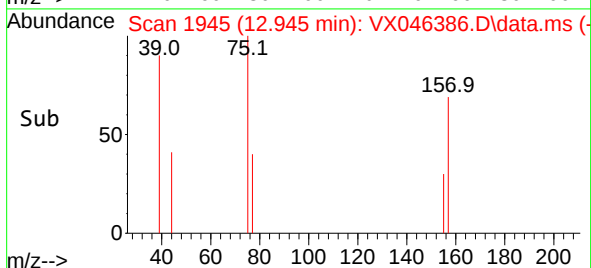
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.614 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49



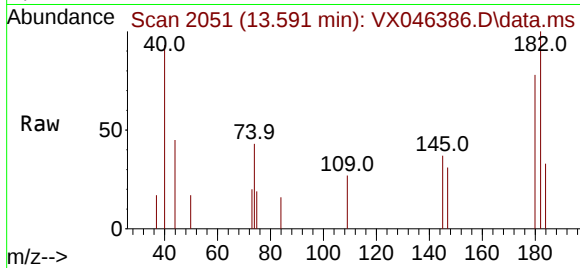
Tgt Ion: 75 Resp: 212
Ion Ratio Lower Upper
75 100
155 42.0 34.9 104.8
157 85.8 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 0.573 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

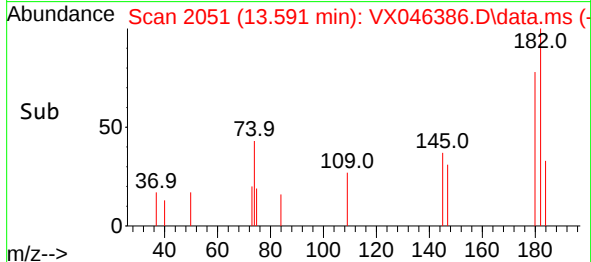
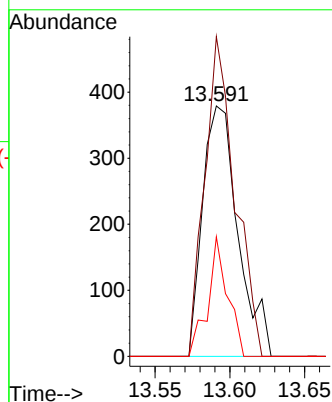
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:180 Resp: 62.1
Ion Ratio Lower Upper
180 100
182 109.5 47.9 143.8
145 26.7 17.1 51.2

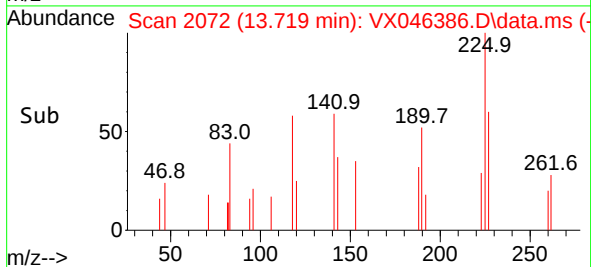
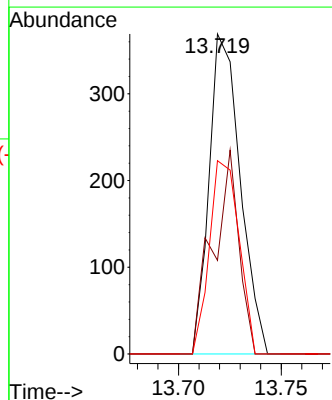
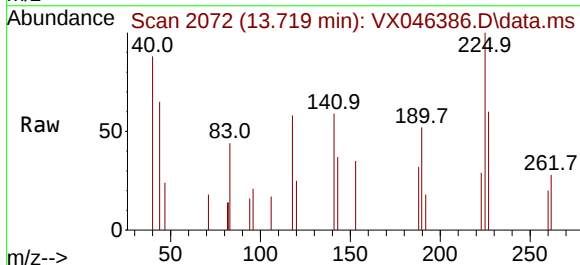
Manual Integrations
APPROVED

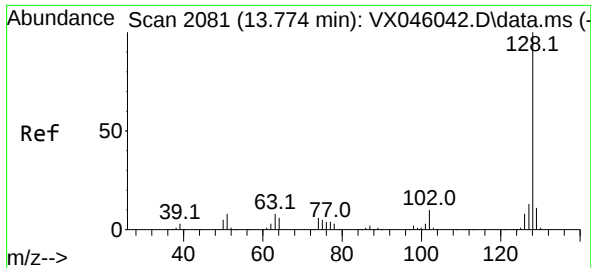
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#94
Hexachlorobutadiene
Concen: 0.818 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

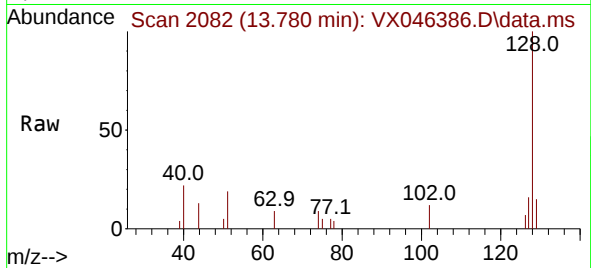
Tgt Ion:225 Resp: 388
Ion Ratio Lower Upper
225 100
223 52.8 30.8 92.4
227 57.5 30.9 92.7





#95
Naphthalene
Concen: 0.597 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

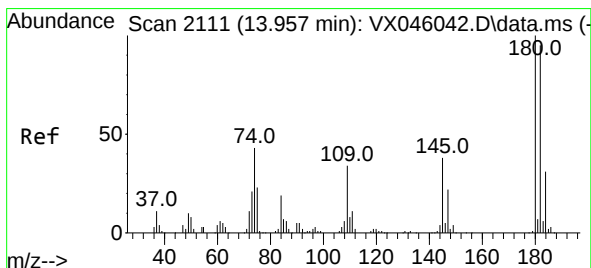
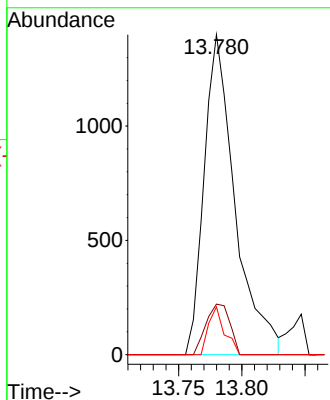
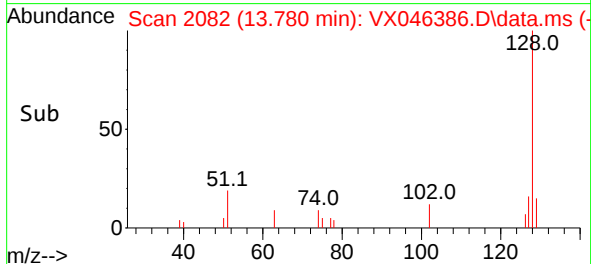
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:128 Resp: 2379
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 7.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.717 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046386.D
Acq: 28 May 2025 15:49

Tgt Ion:180 Resp: 804
Ion Ratio Lower Upper
180 100
182 102.7 47.8 143.3
145 34.0 18.1 54.3

