

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044956.D
 Acq On : 14 Feb 2025 13:11
 Operator : JC/MD
 Sample : Q1168-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 15 03:02:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 15 03:00:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	107629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	174035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82734	52.513	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.020%			
35) Dibromofluoromethane	5.379	113	62740	48.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.940%			
50) Toluene-d8	8.647	98	227147	46.411	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.820%			
62) 4-Bromofluorobenzene	11.079	95	77046	46.695	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	646	0.428	ug/l	95
3) Chloromethane	1.307	50	886	0.482	ug/l	96
4) Vinyl Chloride	1.374	62	865	0.486	ug/l	98
5) Bromomethane	1.593	94	426	0.800	ug/l	90
6) Chloroethane	1.672	64	561	0.850	ug/l #	59
7) Trichlorofluoromethane	1.880	101	1119	0.497	ug/l #	75
8) Diethyl Ether	2.136	74	327	0.401	ug/l #	20
9) 1,1,2-Trichlorotrifluo...	2.319	101	646	0.475	ug/l	95
10) Methyl Iodide	2.447	142	712	0.404	ug/l #	83
11) Tert butyl alcohol	2.946	59	1758	6.015	ug/l #	77
12) 1,1-Dichloroethene	2.312	96	584	0.421	ug/l	92
13) Acrolein	2.233	56	693	2.298	ug/l #	77
14) Allyl chloride	2.660	41	1172	0.467	ug/l #	68
15) Acrylonitrile	3.075	53	1813	2.323	ug/l	96
16) Acetone	2.380	43	1769	2.793	ug/l	97
17) Carbon Disulfide	2.508	76	1583	0.416	ug/l	99
18) Methyl Acetate	2.703	43	1028	0.514	ug/l #	84
19) Methyl tert-butyl Ether	3.105	73	1795	0.407	ug/l	98
20) Methylene Chloride	2.788	84	711	0.458	ug/l #	90
21) trans-1,2-Dichloroethene	3.081	96	611	0.448	ug/l #	77
22) Diisopropyl ether	3.757	45	1944	0.410	ug/l #	1
23) Vinyl Acetate	3.733	43	7119	1.841	ug/l	100
24) 1,1-Dichloroethane	3.611	63	1229	0.463	ug/l #	83
25) 2-Butanone	4.593	43	2231	2.169	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	786	0.373	ug/l #	76
27) cis-1,2-Dichloroethene	4.501	96	660	0.402	ug/l	57
28) Bromochloromethane	4.891	49	475	0.372	ug/l #	77
29) Tetrahydrofuran	5.038	42	1747m	2.558	ug/l	
30) Chloroform	5.092	83	1239	0.481	ug/l	84
31) Cyclohexane	5.458	56	999	0.408	ug/l #	92
32) 1,1,1-Trichloroethane	5.373	97	973	0.446	ug/l #	51
36) 1,1-Dichloropropene	5.690	75	1008	0.540	ug/l #	63
37) Ethyl Acetate	4.763	43	907m	0.437	ug/l	
38) Carbon Tetrachloride	5.659	117	1169	0.639	ug/l #	53
39) Methylcyclohexane	7.379	83	928	0.384	ug/l #	85
40) Benzene	6.037	78	2508	0.430	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	467	0.420	ug/l #	58
42) 1,2-Dichloroethane	6.092	62	911	0.490	ug/l #	74
43) Isopropyl Acetate	6.354	43	1236	0.369	ug/l #	66
44) Trichloroethene	7.129	130	517	0.388	ug/l	97
45) 1,2-Dichloropropane	7.433	63	577	0.398	ug/l	94
46) Dibromomethane	7.586	93	435	0.432	ug/l #	64
47) Bromodichloromethane	7.824	83	809	0.415	ug/l #	90
49) 1,4-Dioxane	7.683	88	244	7.191	ug/l #	72
51) 4-Methyl-2-Pentanone	8.580	43	4226	2.073	ug/l	99
52) Toluene	8.720	92	1467	0.422	ug/l	91
53) t-1,3-Dichloropropene	9.000	75	637	0.323	ug/l	94
54) cis-1,3-Dichloropropene	8.378	75	682	0.310	ug/l #	50
55) 1,1,2-Trichloroethane	9.159	97	703	0.527	ug/l #	69
56) Ethyl methacrylate	9.128	69	470	0.218	ug/l #	12
57) 1,3-Dichloropropane	9.311	76	1033	0.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.263	63	1642	1.551	ug/l	90
59) 2-Hexanone	9.439	43	2452	1.669	ug/l	96
60) Dibromochloromethane	9.518	129	552	0.387	ug/l	93
61) 1,2-Dibromoethane	9.616	107	497	0.367	ug/l	94
64) Tetrachloroethene	9.275	164	491	0.447	ug/l #	80
65) Chlorobenzene	10.079	112	1642	0.439	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	449	0.373	ug/l #	60
67) Ethyl Benzene	10.195	91	2699	0.409	ug/l #	83
68) m/p-Xylenes	10.305	106	1919	0.789	ug/l	98
69) o-Xylene	10.646	106	1093	0.448	ug/l	88
70) Styrene	10.659	104	1479	0.376	ug/l	93
71) Bromoform	10.811	173	365	0.407	ug/l #	76
73) Isopropylbenzene	10.963	105	2246	0.383	ug/l	90
74) N-amyl acetate	10.854	43	938	0.354	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	11.213	83	924	0.459	ug/l #	86
76) 1,2,3-Trichloropropane	11.244	75	837m	0.519	ug/l	
77) Bromobenzene	11.201	156	587	0.442	ug/l	96
78) n-propylbenzene	11.305	91	2651	0.392	ug/l	100
79) 2-Chlorotoluene	11.366	91	2132	0.513	ug/l	82
80) 1,3,5-Trimethylbenzene	11.451	105	1576	0.331	ug/l	89
81) trans-1,4-Dichloro-2-b...	11.079	75	40699	64.859	ug/l #	11
82) 4-Chlorotoluene	11.457	91	2051	0.446	ug/l	91
83) tert-Butylbenzene	11.713	119	1932	0.401	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	2036	0.434	ug/l	97
85) sec-Butylbenzene	11.890	105	2101	0.353	ug/l	98
86) p-Isopropyltoluene	12.012	119	1811	0.378	ug/l	88
87) 1,3-Dichlorobenzene	11.975	146	1068	0.437	ug/l	92
88) 1,4-Dichlorobenzene	12.042	146	1216m	0.492	ug/l	
89) n-Butylbenzene	12.335	91	1485	0.350	ug/l	89
90) Hexachloroethane	12.536	117	358	0.399	ug/l	80
91) 1,2-Dichlorobenzene	12.341	146	1118	0.465	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	128	0.348	ug/l #	57
93) 1,2,4-Trichlorobenzene	13.591	180	466	0.321	ug/l	97
94) Hexachlorobutadiene	13.725	225	209	0.362	ug/l #	75
95) Naphthalene	13.780	128	1810	0.344	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	579	0.395	ug/l	84

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Quant Title : SW846 8260
QLast Update : Sat Feb 15 03:00:59 2025
Response via : Initial Calibration

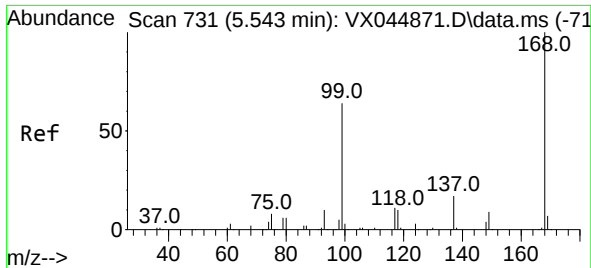
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

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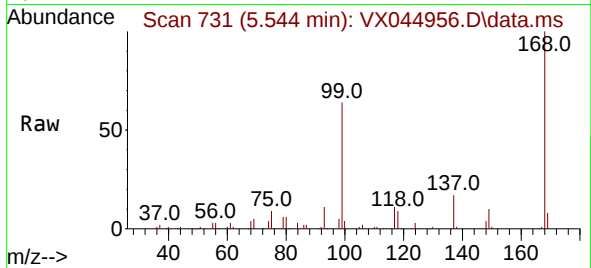
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044956.D
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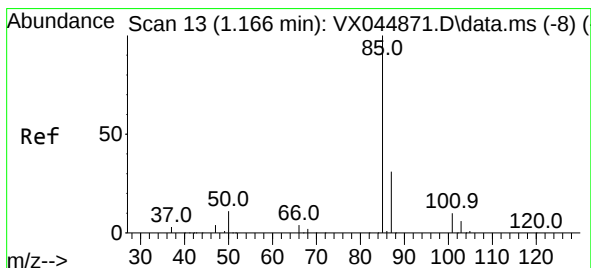
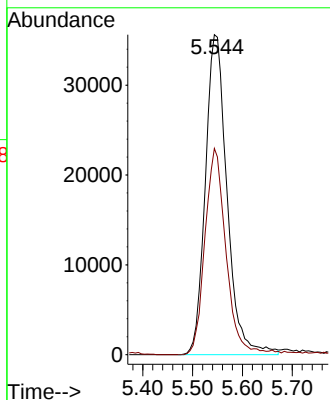
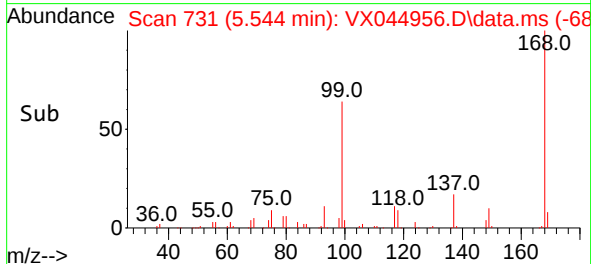
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:168 Resp: 107629
Ion Ratio Lower Upper
168 100
99 64.4 51.2 76.8

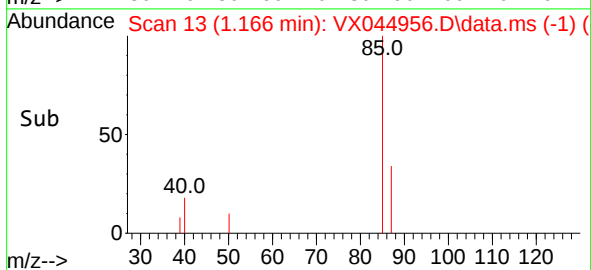
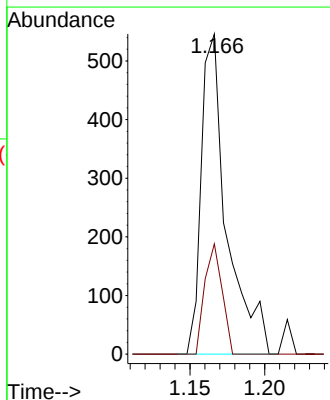
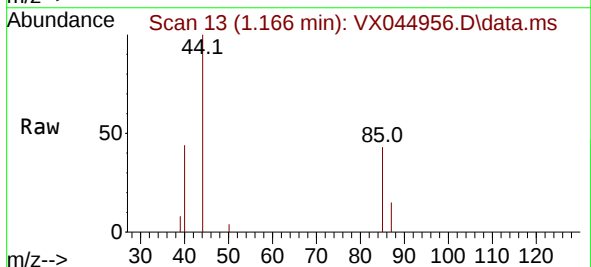
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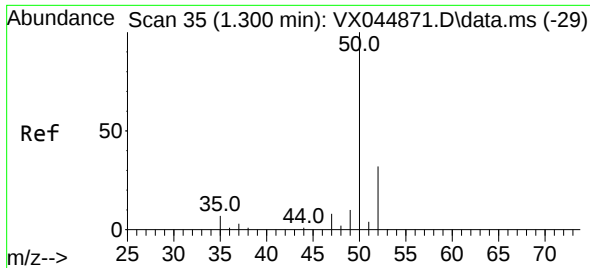
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#2
Dichlorodifluoromethane
Concen: 0.428 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion: 85 Resp: 646
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.3





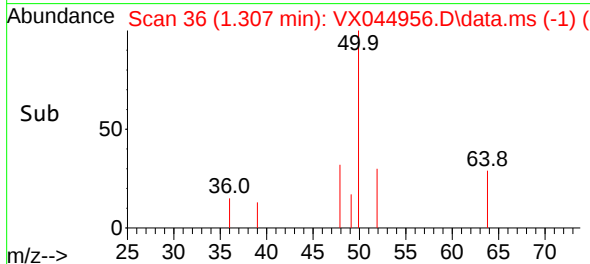
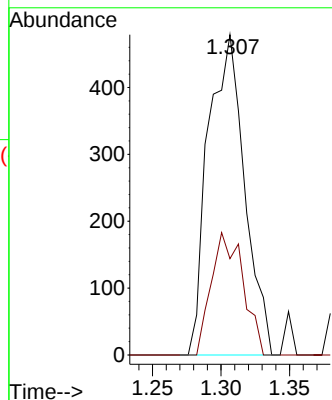
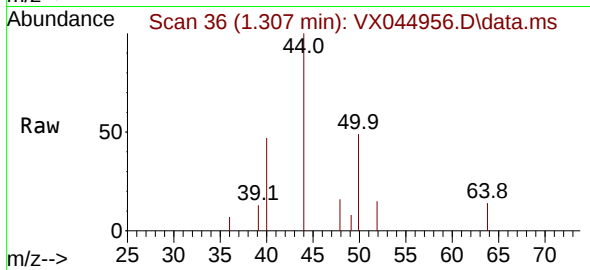
#3
Chloromethane
Concen: 0.482 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 50 Resp: 880
Ion Ratio Lower Upper
50 100
52 30.1 25.9 38.9

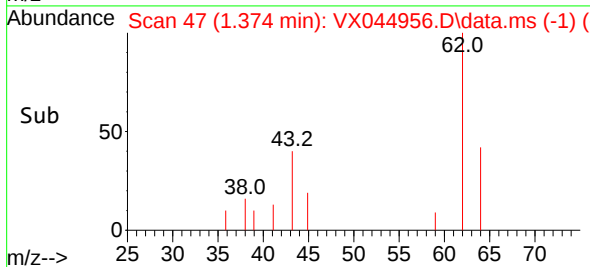
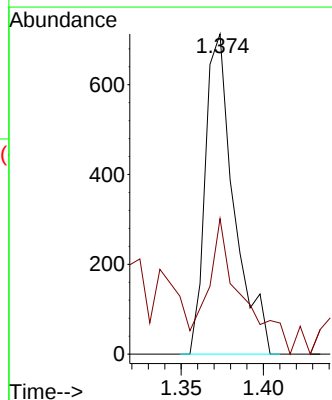
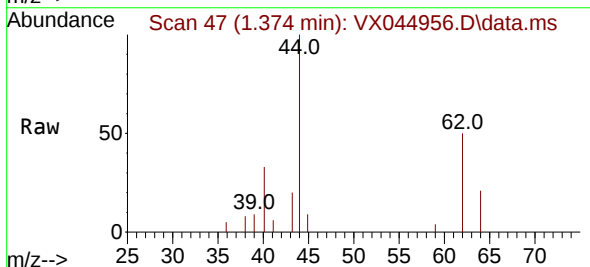
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#4
Vinyl Chloride
Concen: 0.486 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

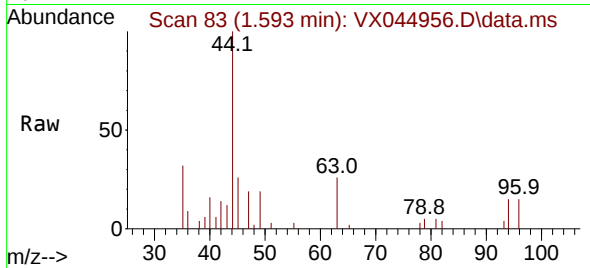
Tgt Ion: 62 Resp: 865
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
 Bromomethane
 Concen: 0.800 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX044956.D
 Acq: 14 Feb 2025 13:11

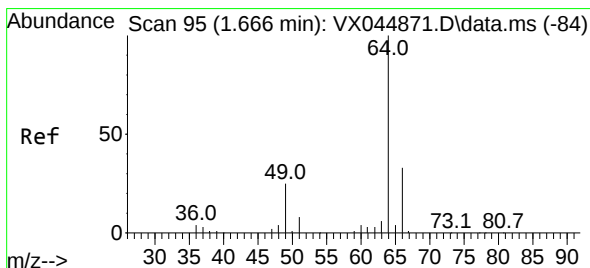
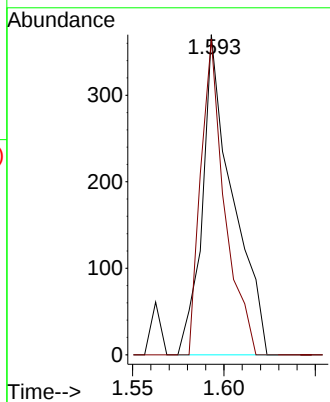
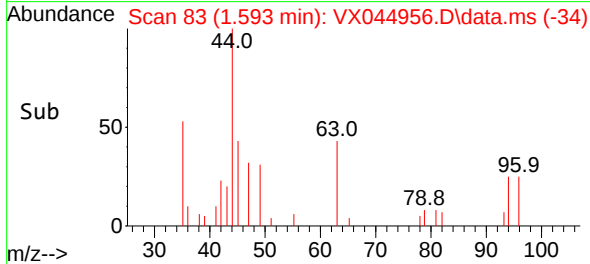
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025



Tgt Ion: 94 Resp: 420
 Ion Ratio Lower Upper
 94 100
 96 98.6 71.6 107.4

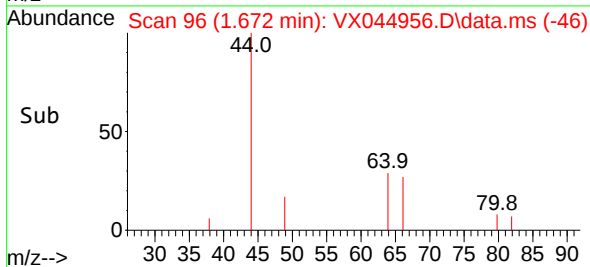
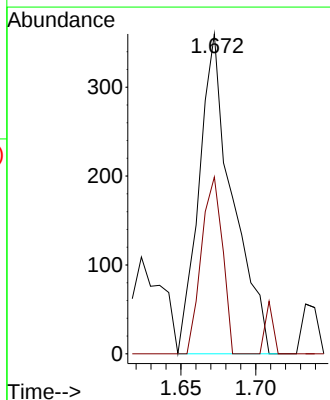
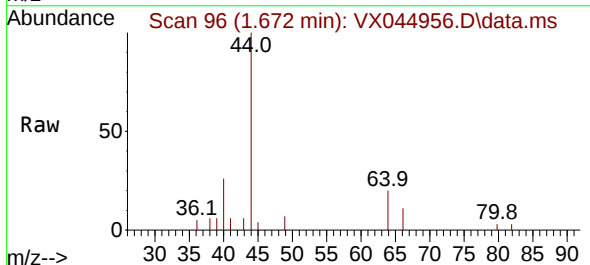
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#6
 Chloroethane
 Concen: 0.850 ug/l
 RT: 1.672 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VX044956.D
 Acq: 14 Feb 2025 13:11

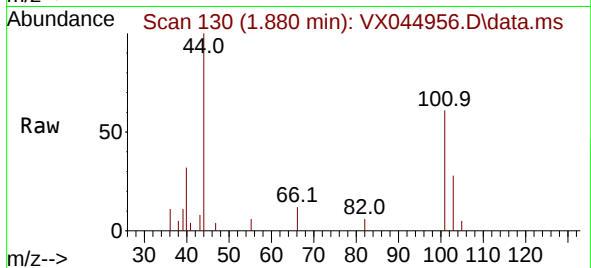
Tgt Ion: 64 Resp: 561
 Ion Ratio Lower Upper
 64 100
 66 55.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 0.497 ug/l
RT: 1.880 min Scan# 111
Delta R.T. 0.007 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

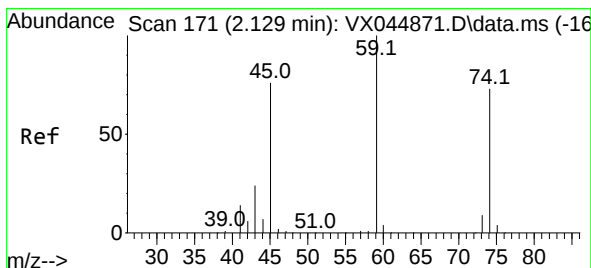
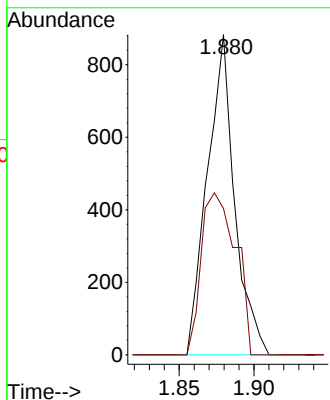
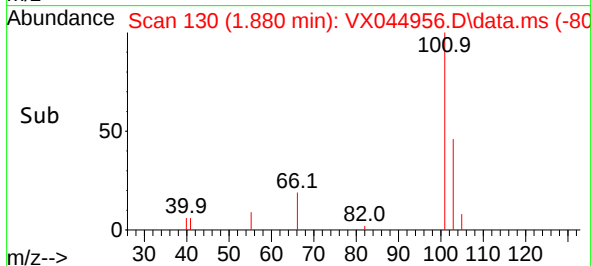
Instrument :
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Tgt Ion:101 Resp: 1119
Ion Ratio Lower Upper
101 100
103 45.8 52.4 78.6

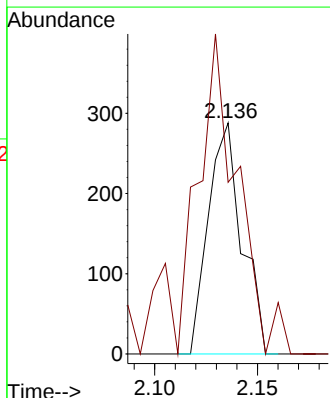
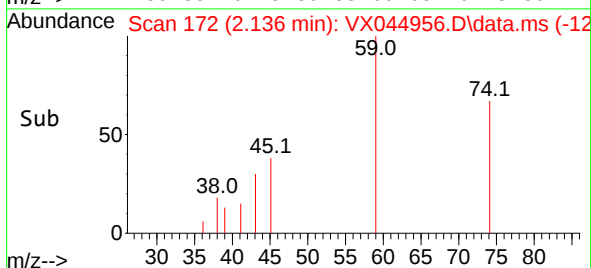
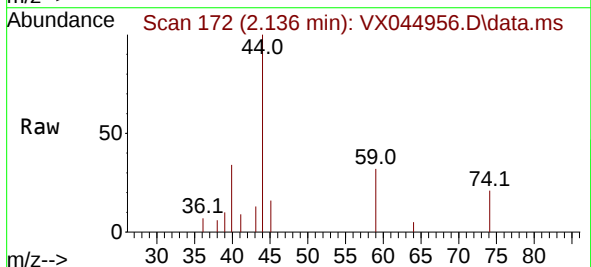
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#8
Diethyl Ether
Concen: 0.401 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion: 74 Resp: 327
Ion Ratio Lower Upper
74 100
45 183.2 51.1 153.4#





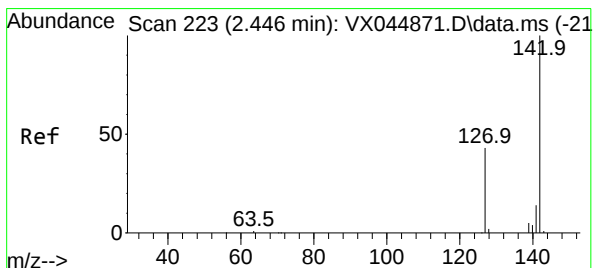
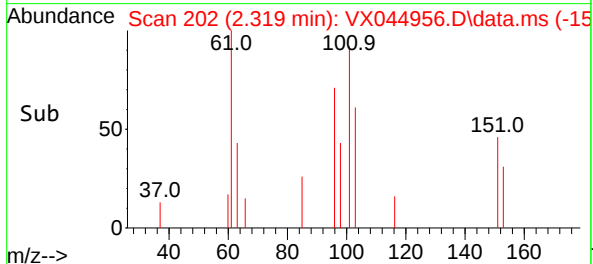
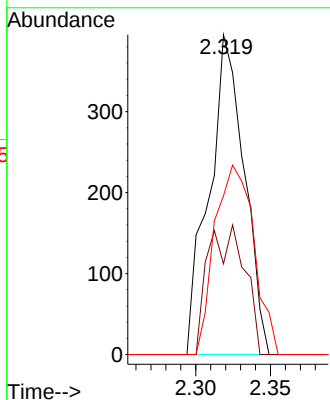
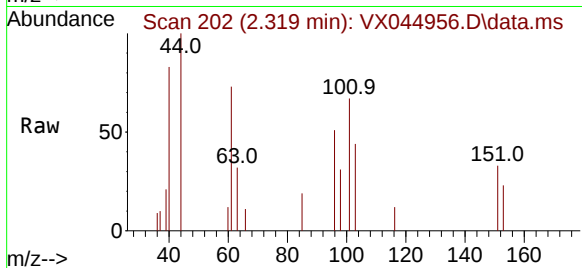
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.475 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 640
Ion Ratio Lower Upper
101 100
85 42.0 35.7 53.5
151 65.9 56.0 84.0

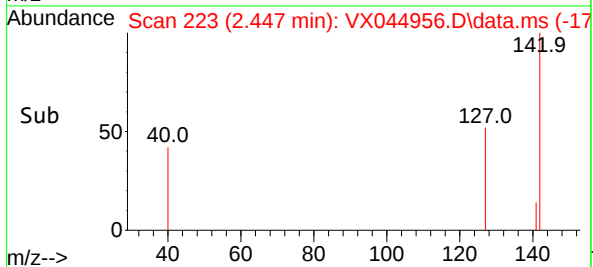
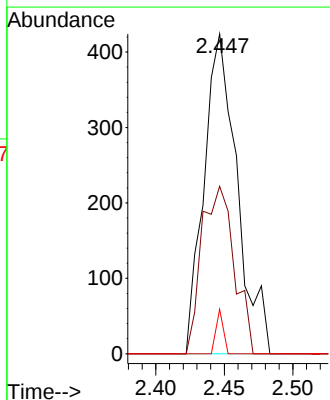
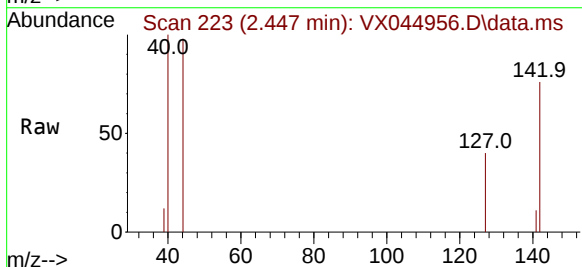
Manual Integrations
APPROVED

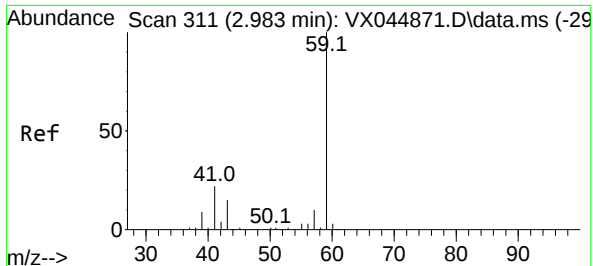
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 0.404 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion:142 Resp: 712
Ion Ratio Lower Upper
142 100
127 51.5 34.3 51.5#
141 3.1 11.4 17.2#





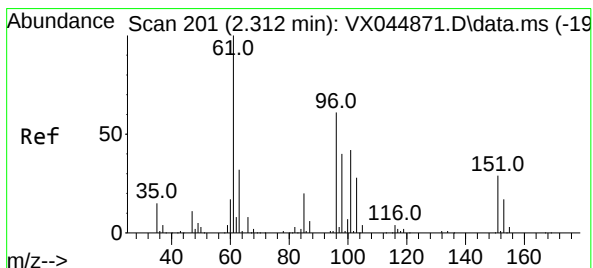
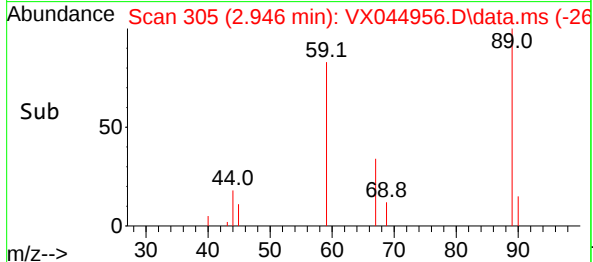
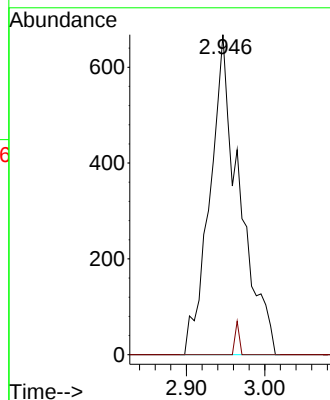
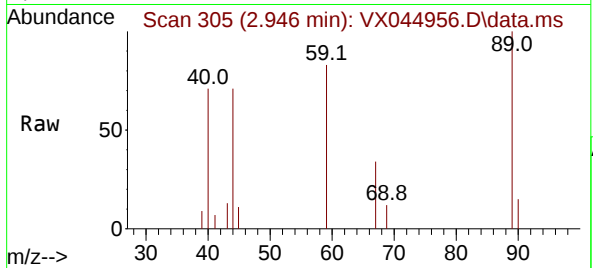
#11
Tert butyl alcohol
Concen: 6.015 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025

Tgt Ion: 59 Resp: 1758
Ion Ratio Lower Upper
59 100
57 1.5 8.1 12.1

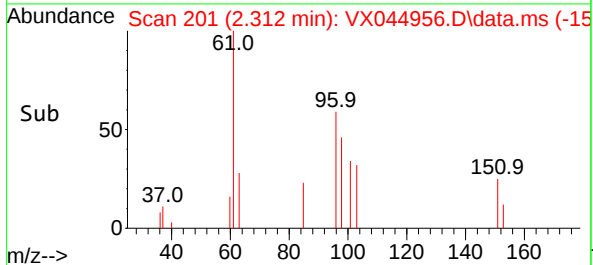
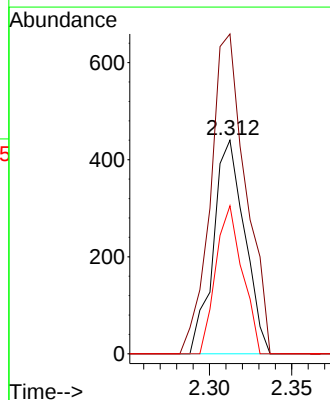
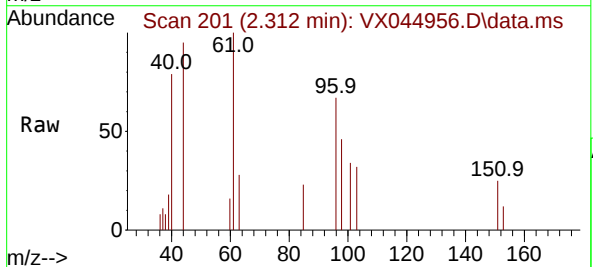
Manual Integrations
APPROVED

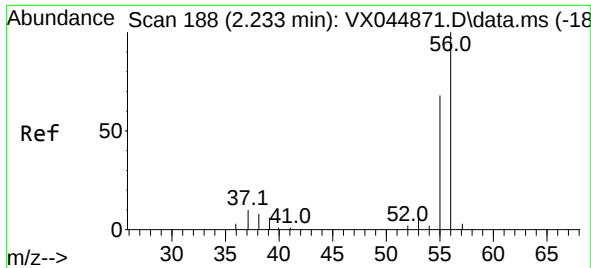
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#12
1,1-Dichloroethene
Concen: 0.421 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion: 96 Resp: 584
Ion Ratio Lower Upper
96 100
61 149.8 130.2 195.4
98 69.3 52.2 78.4





#13

Acrolein

Concen: 2.298 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 56 Resp: 69

Ion Ratio Lower Upper

56 100

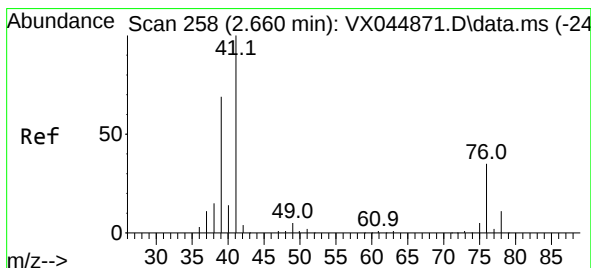
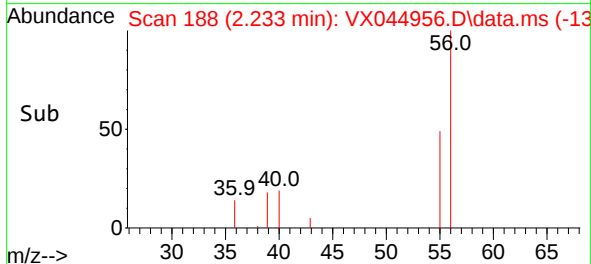
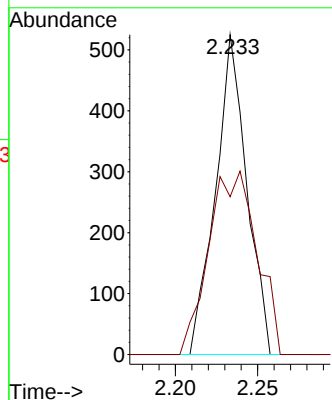
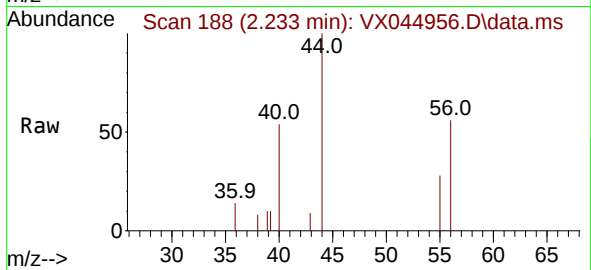
55 88.3 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#14

Allyl chloride

Concen: 0.467 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

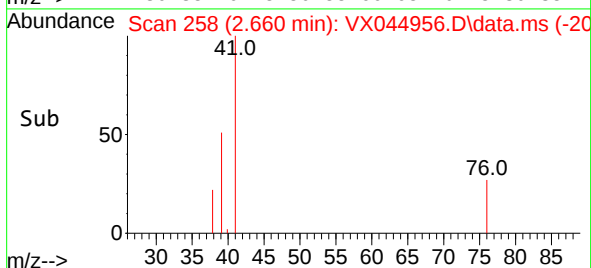
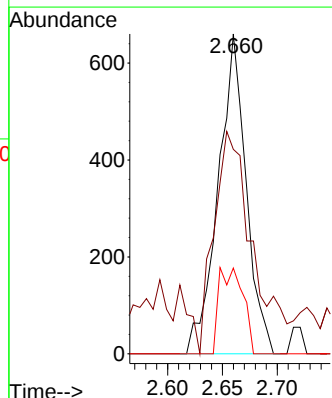
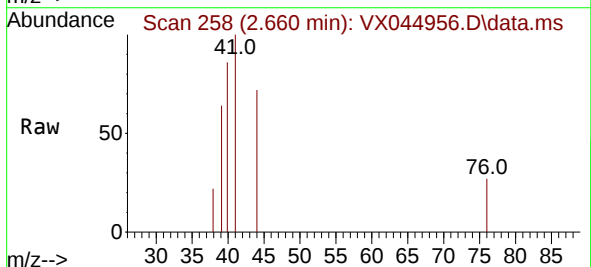
Tgt Ion: 41 Resp: 1172

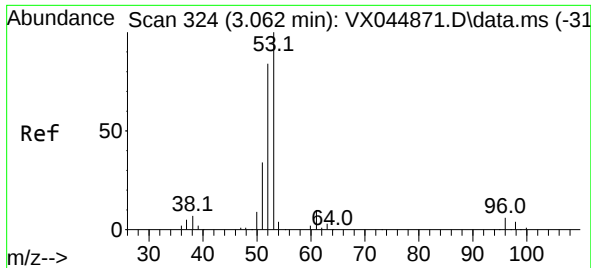
Ion Ratio Lower Upper

41 100

39 94.9 51.4 77.2#

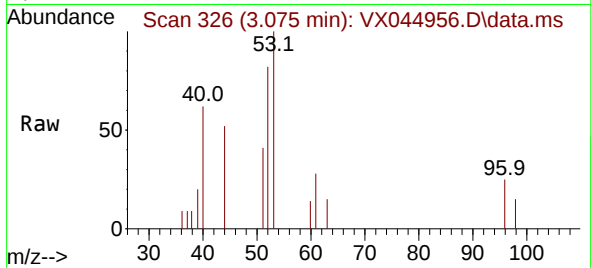
76 23.0 27.0 40.4#





#15
Acrylonitrile
Concen: 2.323 ug/l
RT: 3.075 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

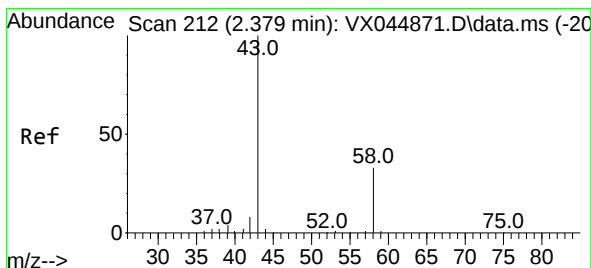
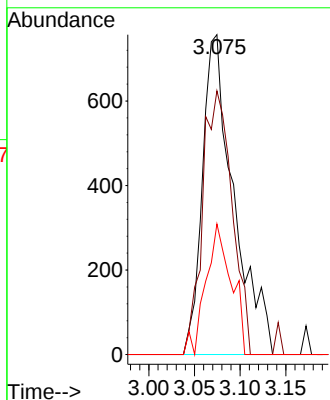
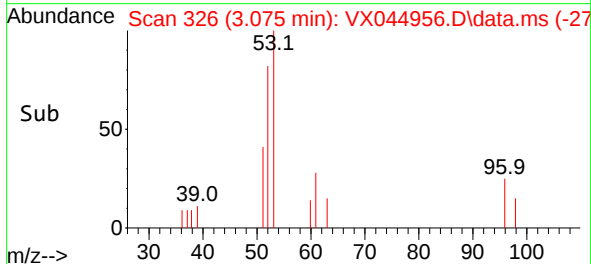
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 53 Resp: 181
Ion Ratio Lower Upper
53 100
52 77.6 65.0 97.6
51 33.0 28.0 42.0

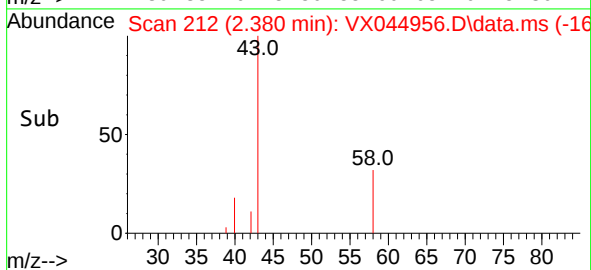
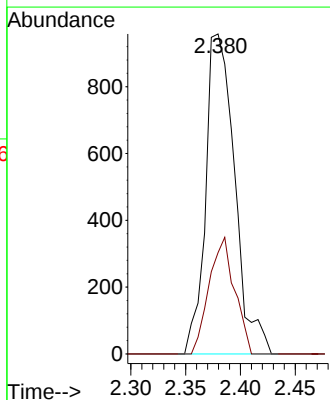
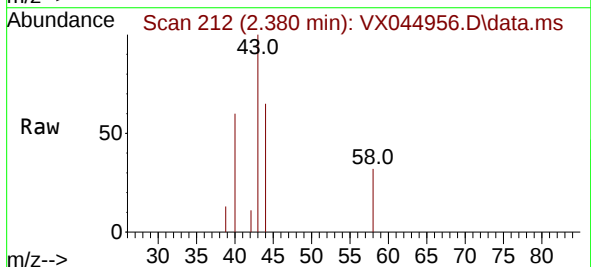
Manual Integrations
APPROVED

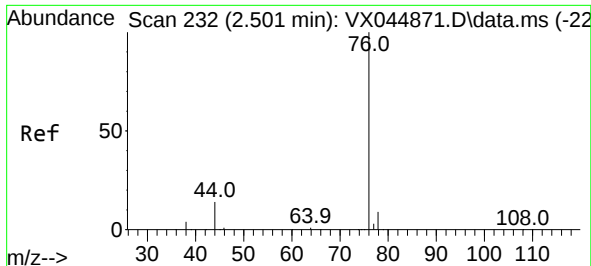
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 2.793 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
58 31.6 26.5 39.7





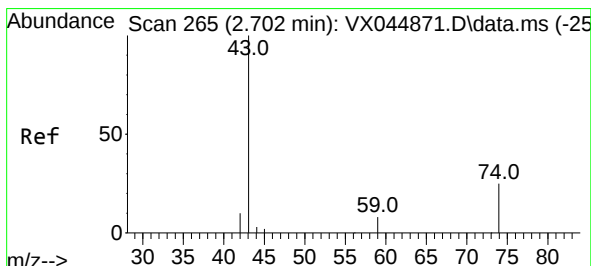
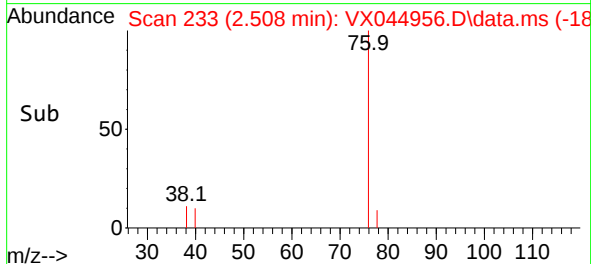
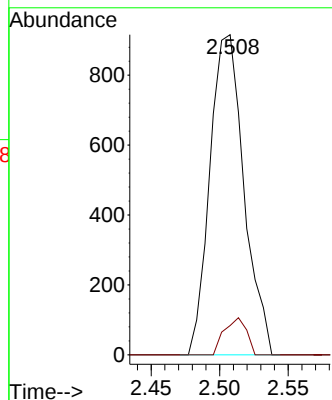
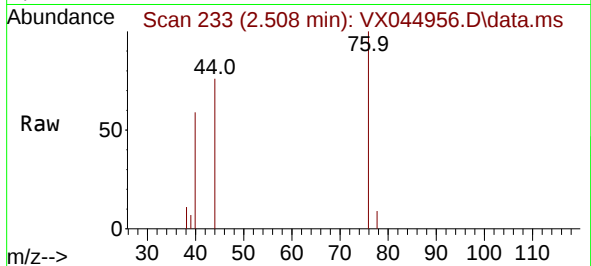
#17
Carbon Disulfide
Concen: 0.416 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 76 Resp: 158
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

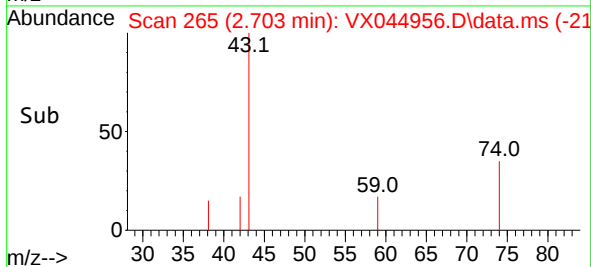
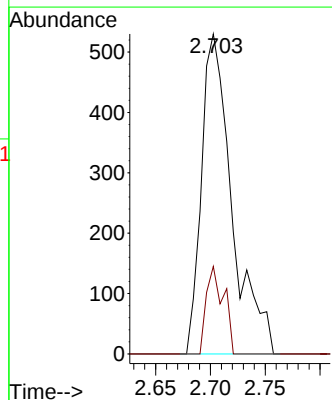
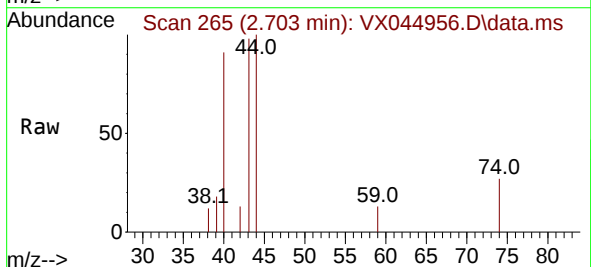
Manual Integrations
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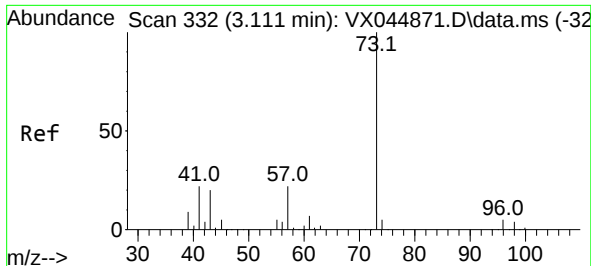
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#18
Methyl Acetate
Concen: 0.514 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

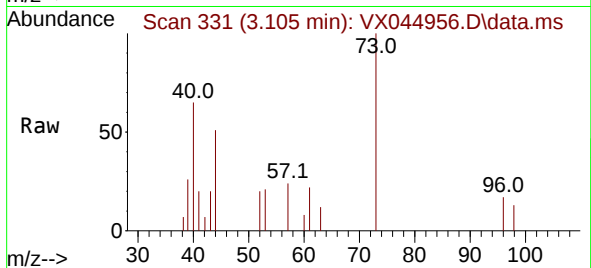
Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
74 15.6 18.9 28.3#





#19
Methyl tert-butyl Ether
Concen: 0.407 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

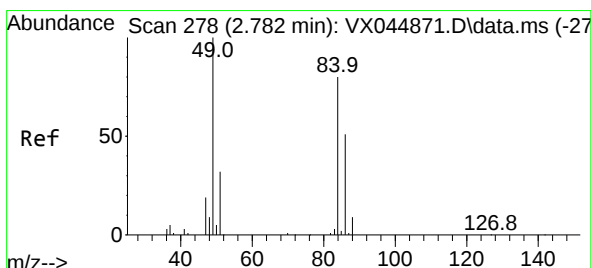
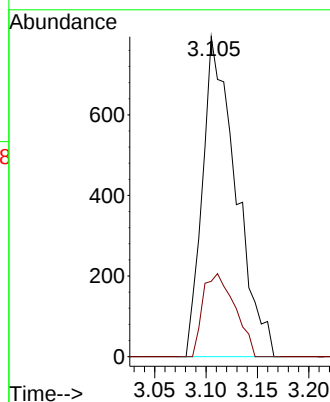
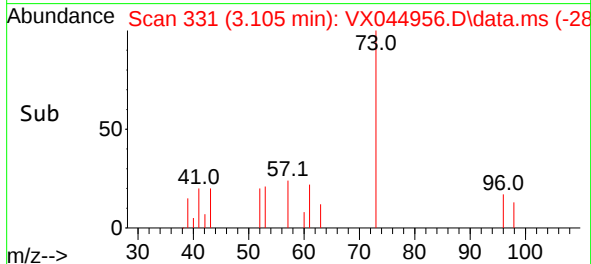
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 73 Resp: 179
Ion Ratio Lower Upper
73 100
57 23.6 17.9 26.9

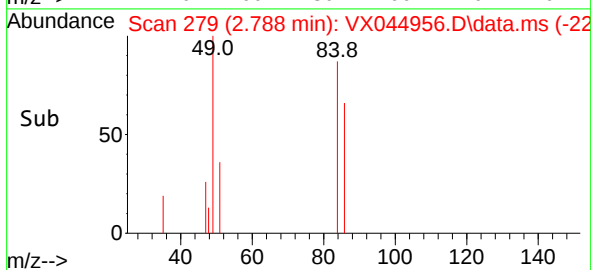
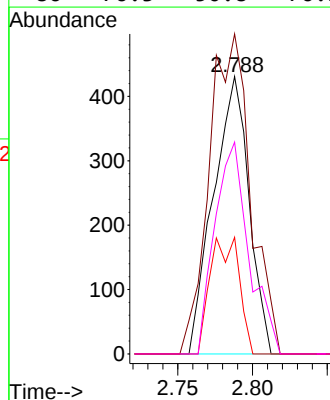
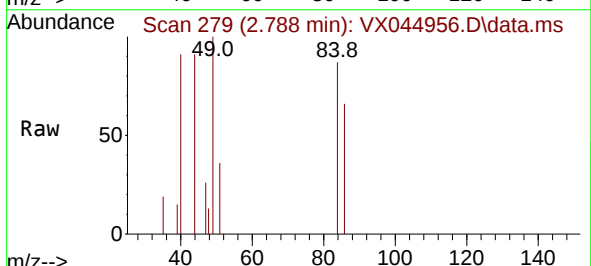
Manual Integrations
APPROVED

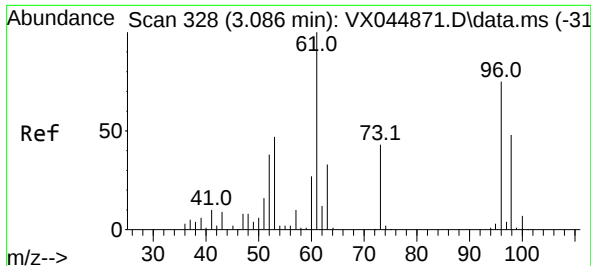
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 0.458 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

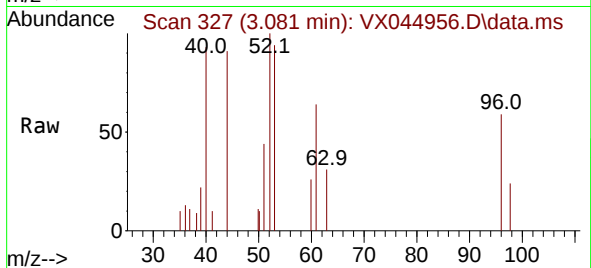
Tgt Ion: 84 Resp: 711
Ion Ratio Lower Upper
84 100
49 115.3 100.1 150.1
51 42.0 31.7 47.5
86 76.3 50.8 76.2#





#21
trans-1,2-Dichloroethene
Concen: 0.448 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

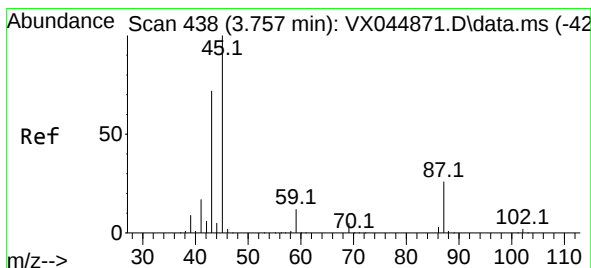
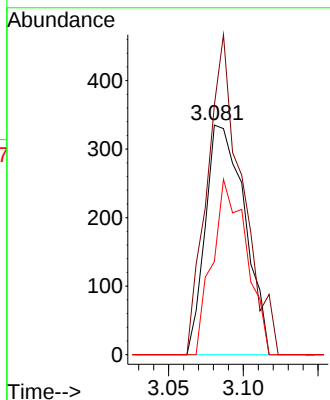
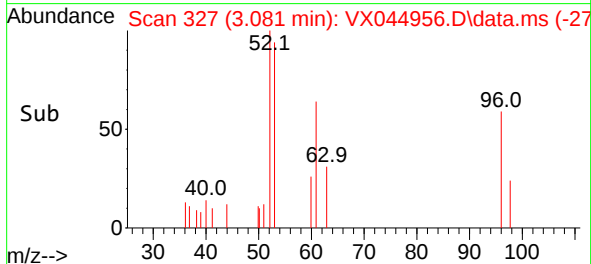
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 96 Resp: 61
Ion Ratio Lower Upper
96 100
61 108.7 106.0 159.0
98 40.6 50.6 76.0

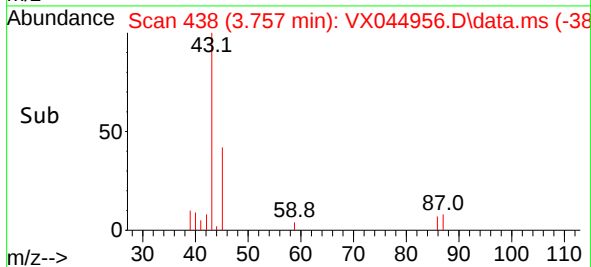
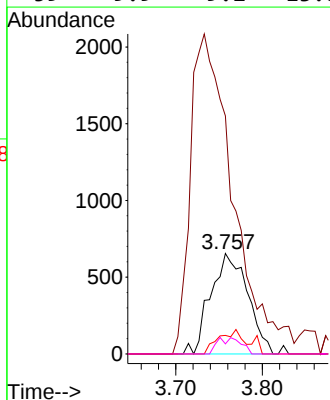
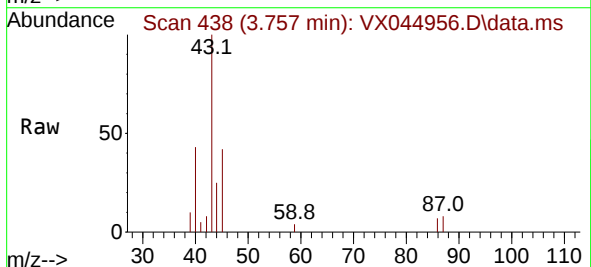
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 0.410 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion: 45 Resp: 1944
Ion Ratio Lower Upper
45 100
43 220.0 58.0 87.0#
87 18.5 20.7 31.1#
59 9.9 9.2 13.8





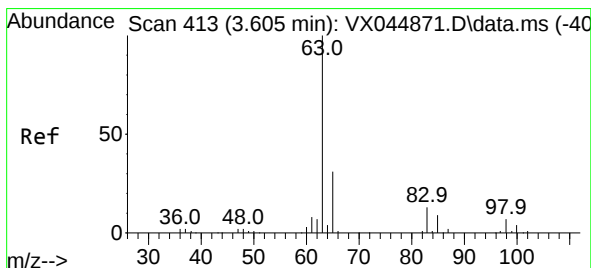
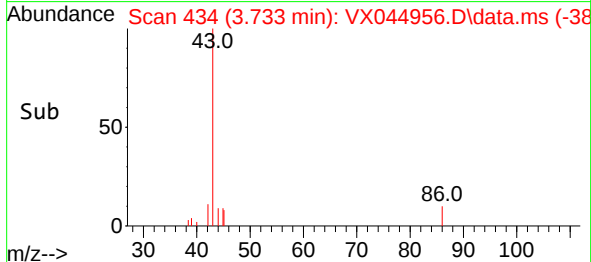
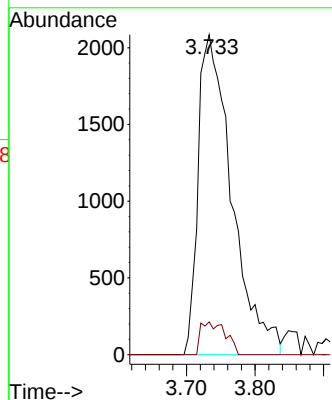
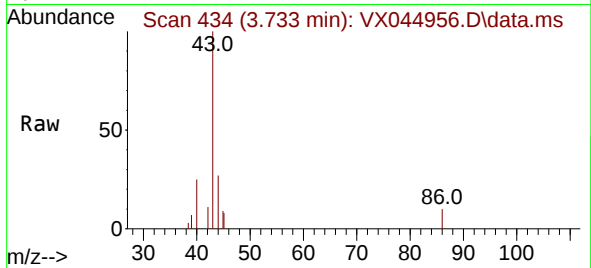
#23
 Vinyl Acetate
 Concen: 1.841 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.019 min
 Lab File: VX044956.D
 Acq: 14 Feb 2025 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Tgt Ion: 43 Resp: 7119
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5

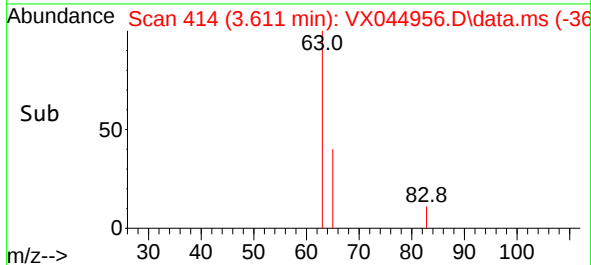
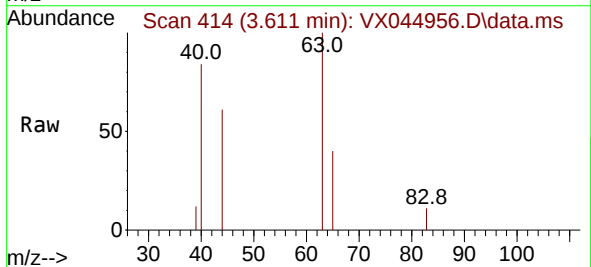
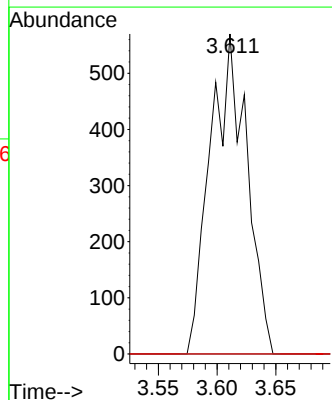
Manual Integrations
 APPROVED

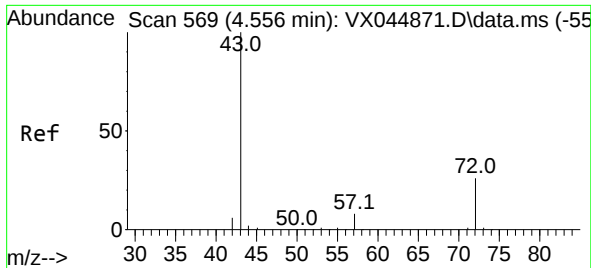
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 0.463 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX044956.D
 Acq: 14 Feb 2025 13:11

Tgt Ion: 63 Resp: 1229
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#





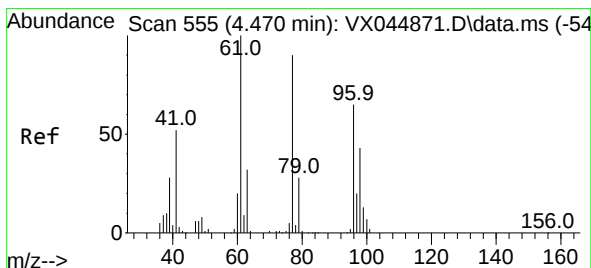
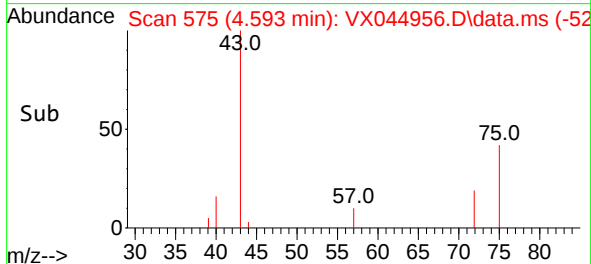
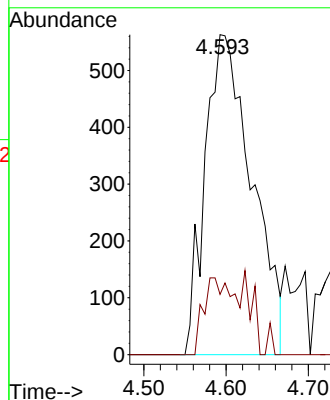
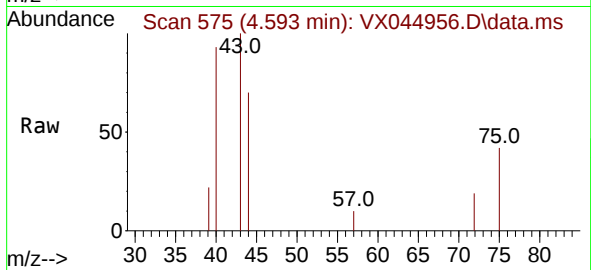
#25
2-Butanone
Concen: 2.169 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
72 18.8 21.2 31.8

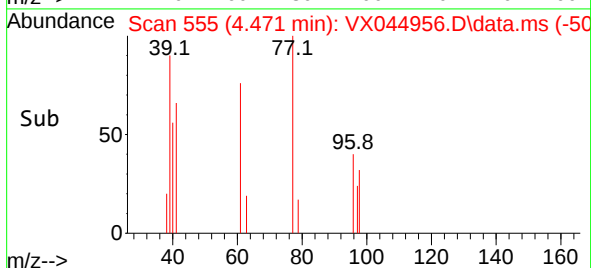
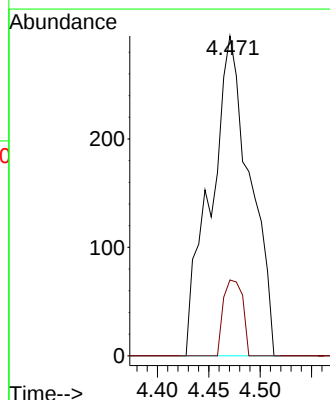
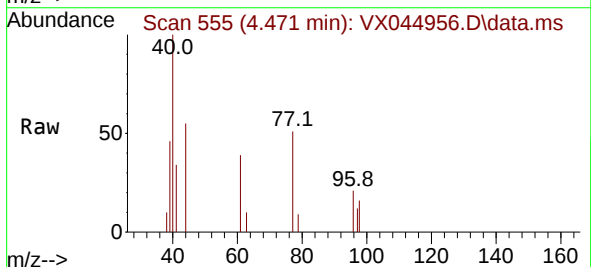
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 0.373 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion: 77 Resp: 786
Ion Ratio Lower Upper
77 100
97 11.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 0.402 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.019 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 96 Resp: 660

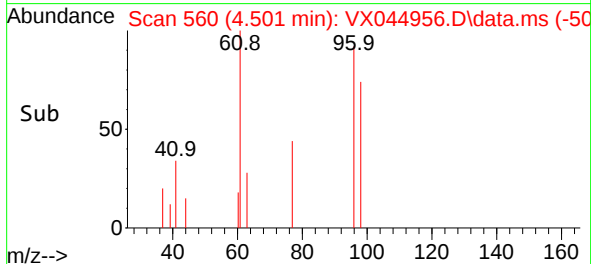
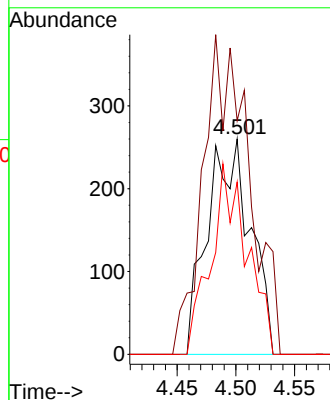
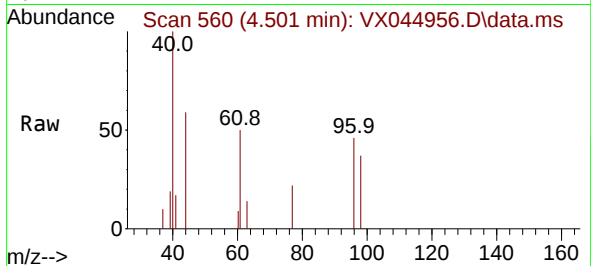
Ion	Ratio	Lower	Upper
96	100		
61	74.5	0.0	294.0
98	74.7	0.0	131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#28

Bromochloromethane

Concen: 0.372 ug/l

RT: 4.891 min Scan# 624

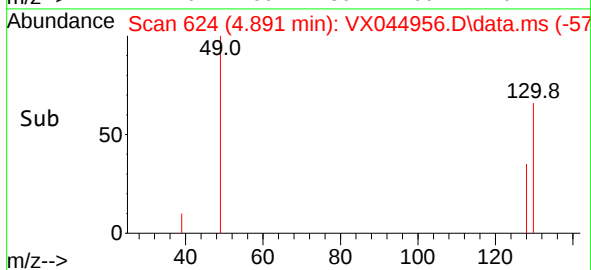
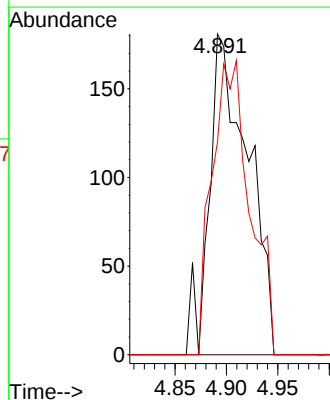
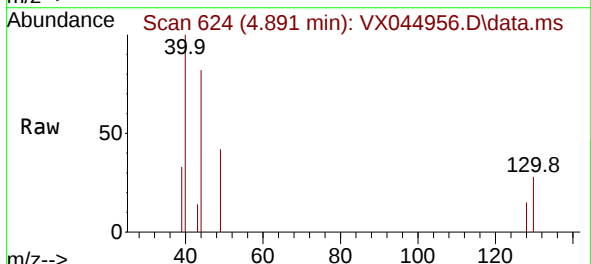
Delta R.T. 0.000 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Tgt Ion: 49 Resp: 475

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	89.9	56.7	85.1#





#29

Tetrahydrofuran

Concen: 2.558 ug/l m

RT: 5.038 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

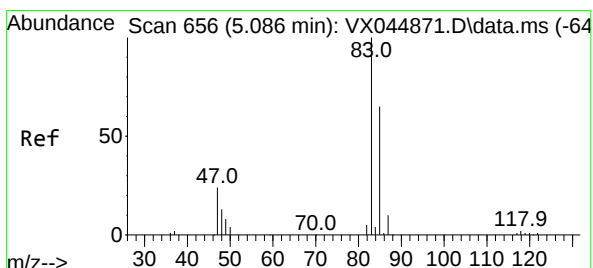
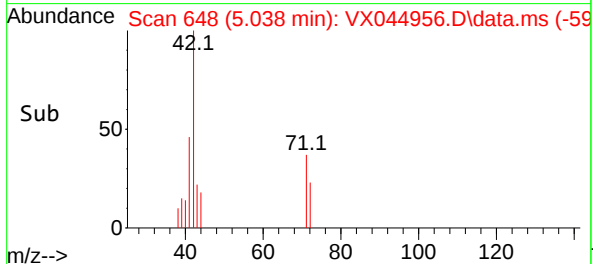
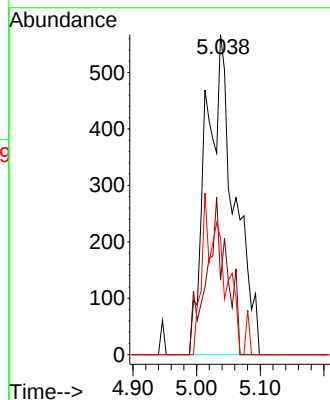
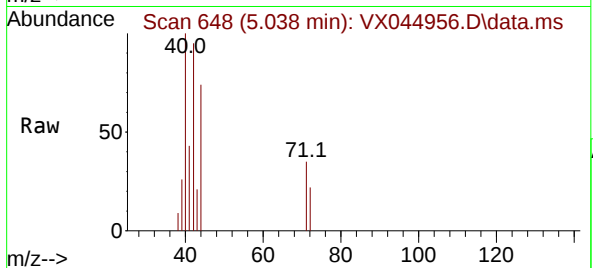
Tgt Ion:	42	Resp:	174
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.4
71	17.8	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 0.481 ug/l

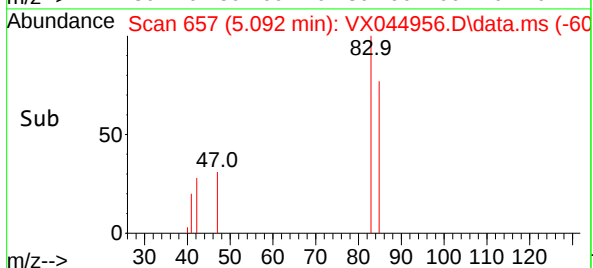
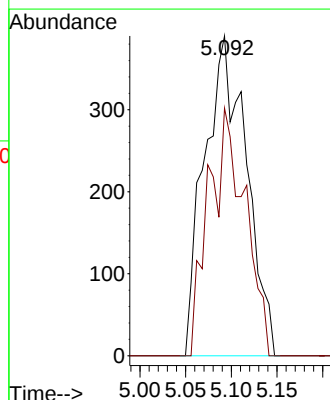
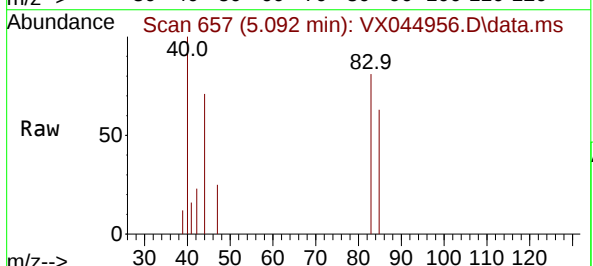
RT: 5.092 min Scan# 657

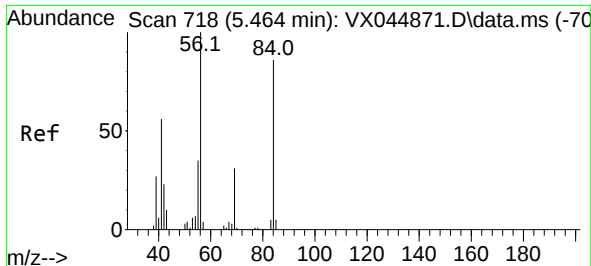
Delta R.T. 0.006 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

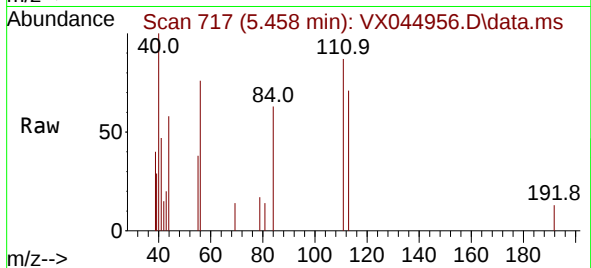
Tgt Ion:	83	Resp:	1239
Ion	Ratio	Lower	Upper
83	100		
85	77.4	52.1	78.1





#31
Cyclohexane
Concen: 0.408 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

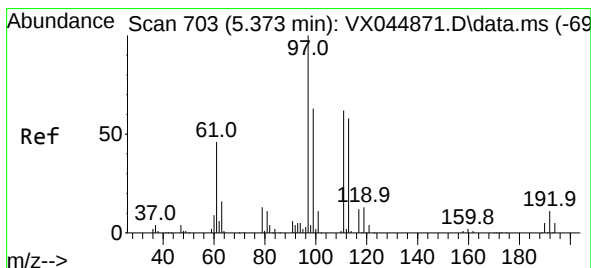
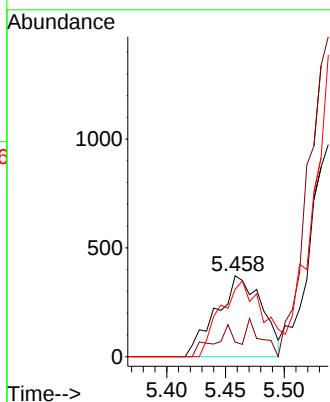
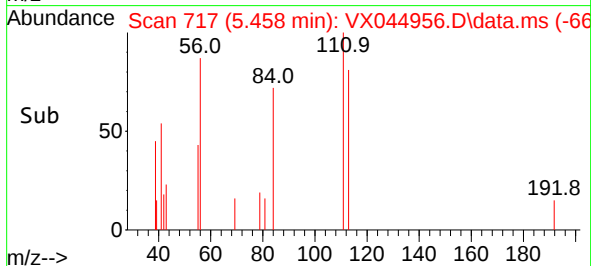
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion: 56 Resp: 999
Ion Ratio Lower Upper
56 100
69 18.0 24.4 36.6
84 83.3 69.0 103.6

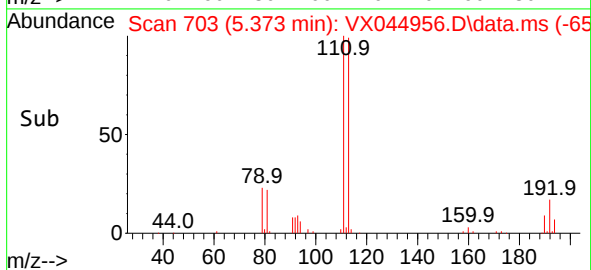
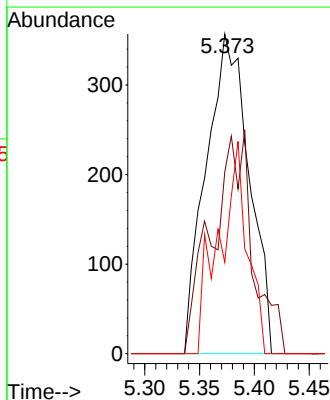
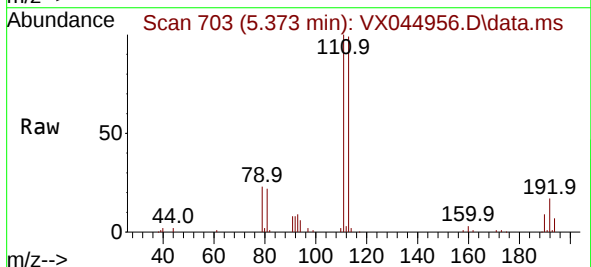
Manual Integrations
APPROVED

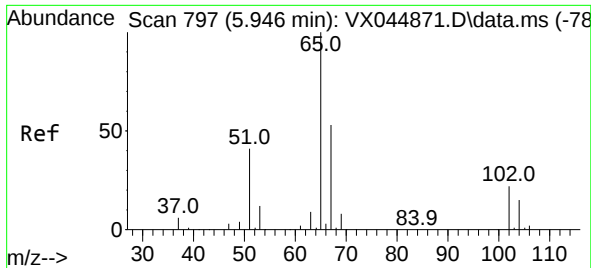
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 0.446 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion: 97 Resp: 973
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6
61 43.8 36.6 55.0





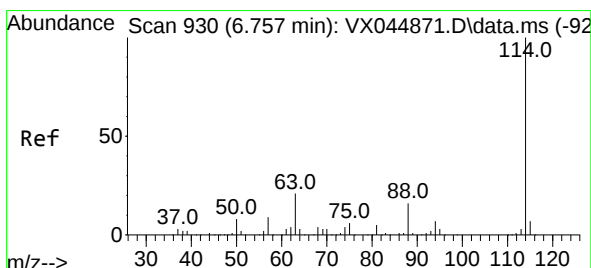
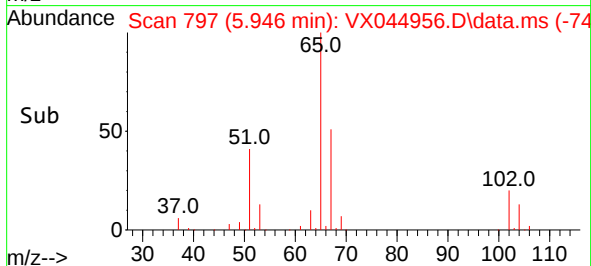
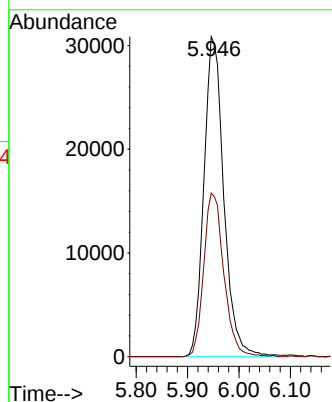
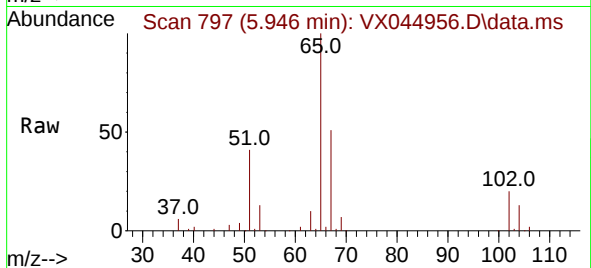
#33
1,2-Dichloroethane-d4
Concen: 52.513 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 65 Resp: 82734
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.2

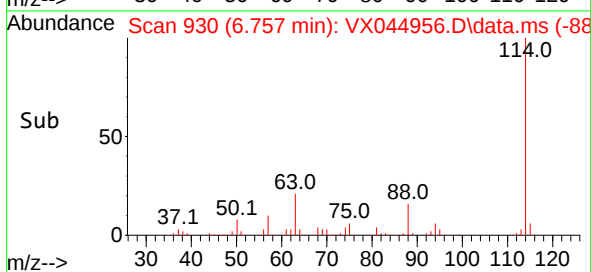
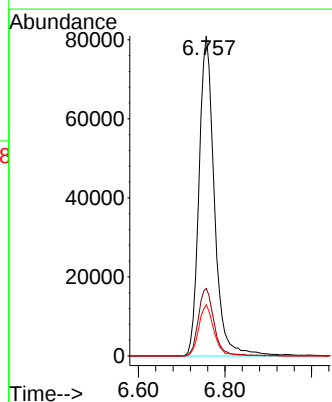
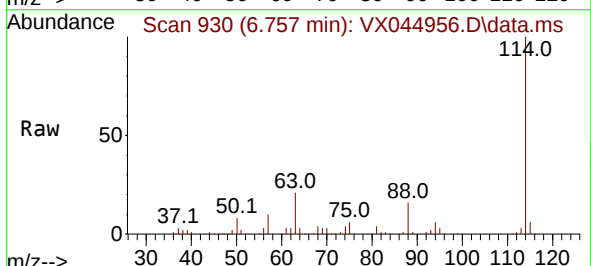
Manual Integrations
APPROVED

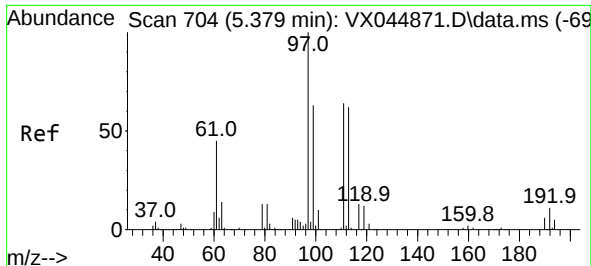
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

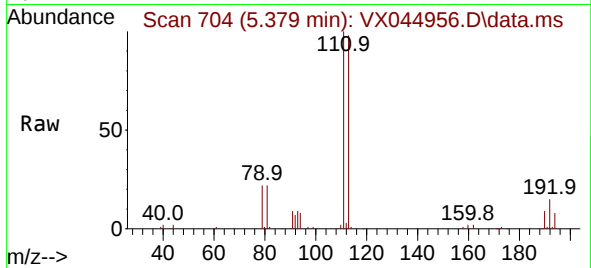
Tgt Ion:114 Resp: 199073
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 16.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 48.474 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

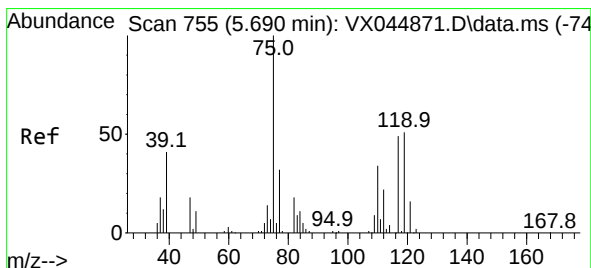
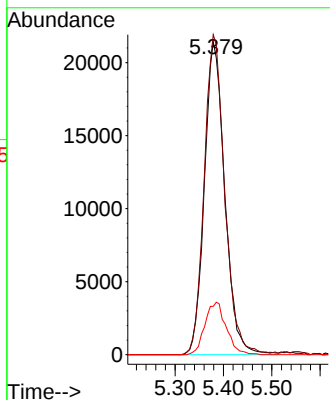
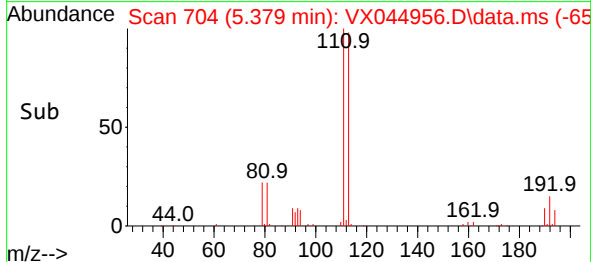
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 113 Resp: 62740
Ion Ratio Lower Upper
113 100
111 102.7 83.5 125.3
192 17.5 14.4 21.6

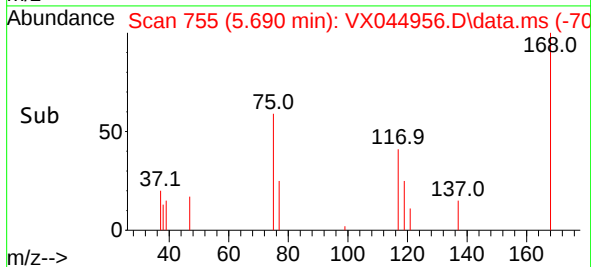
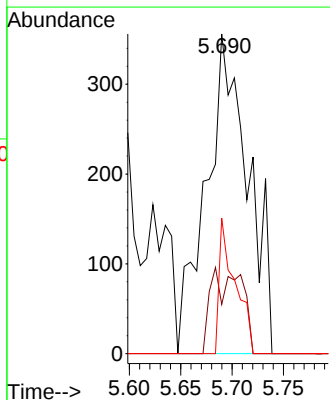
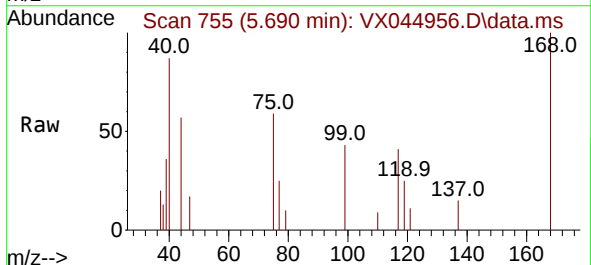
Manual Integrations
APPROVED

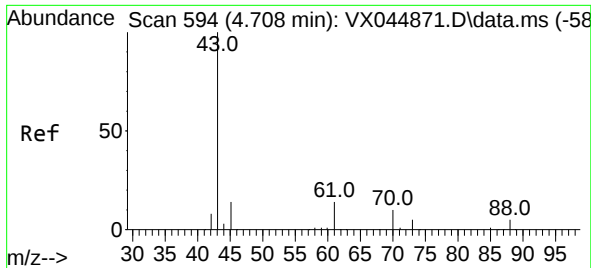
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#36
1,1-Dichloropropene
Concen: 0.540 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion: 75 Resp: 1008
Ion Ratio Lower Upper
75 100
110 7.9 17.2 51.6#
77 16.1 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.437 ug/l m

RT: 4.763 min Scan# 603

Delta R.T. 0.055 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

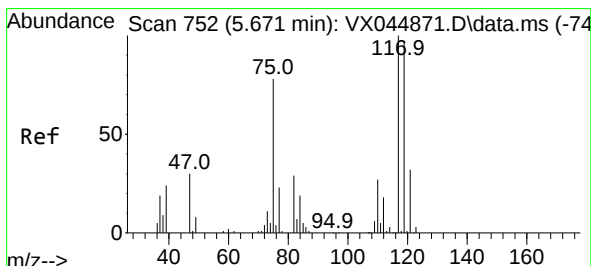
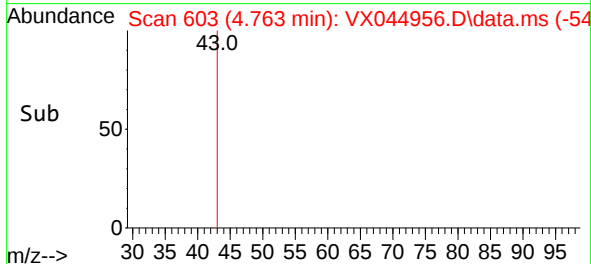
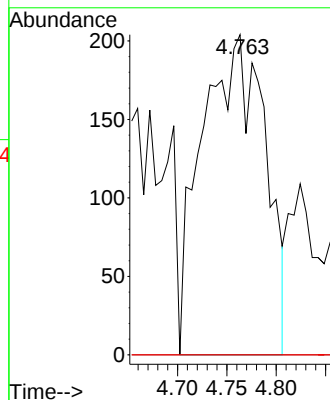
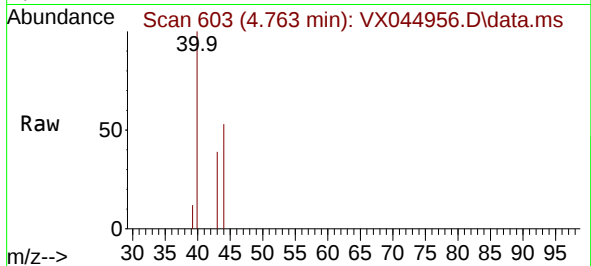
Tgt Ion: 43	Resp: 90
Ion Ratio	Lower Upper
43 100	
61 0.0	11.0 16.4
70 0.0	8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#38

Carbon Tetrachloride

Concen: 0.639 ug/l

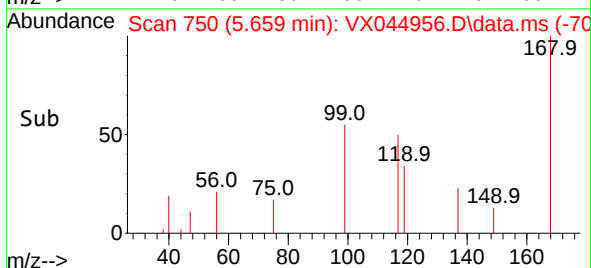
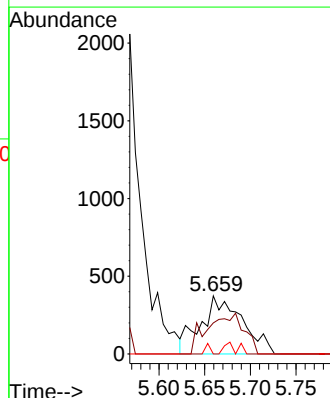
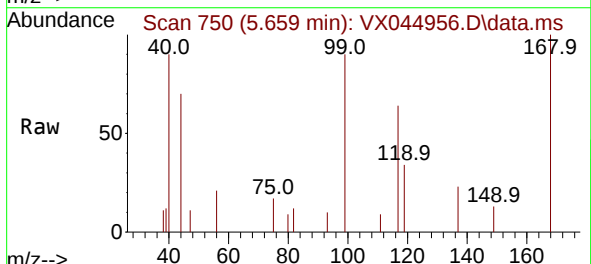
RT: 5.659 min Scan# 750

Delta R.T. -0.012 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

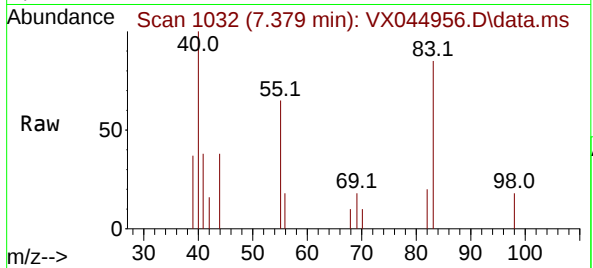
Tgt Ion:117	Resp: 1169
Ion Ratio	Lower Upper
117 100	
119 53.5	77.5 116.3#
121 0.0	25.6 38.4#





#39
Methylcyclohexane
Concen: 0.384 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

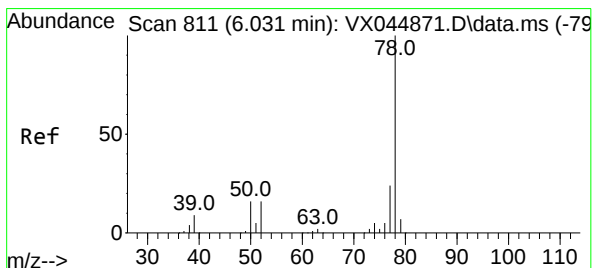
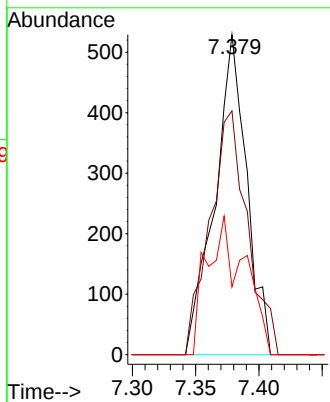
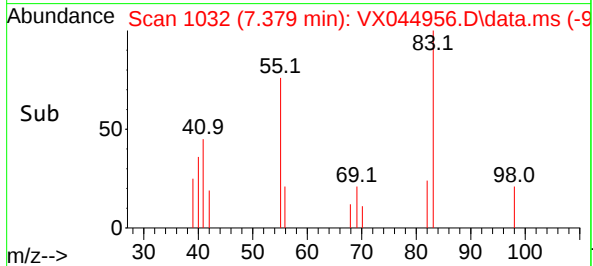
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 83 Resp: 928
Ion Ratio Lower Upper
83 100
55 76.2 61.3 91.9
98 21.2 37.0 55.6

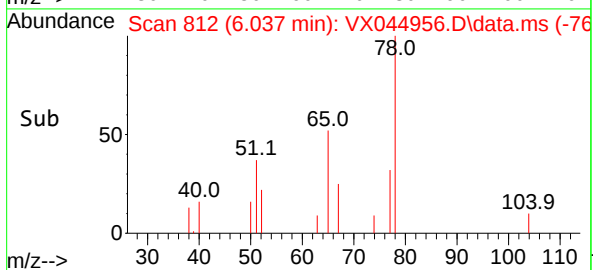
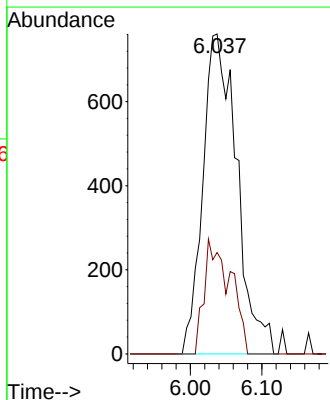
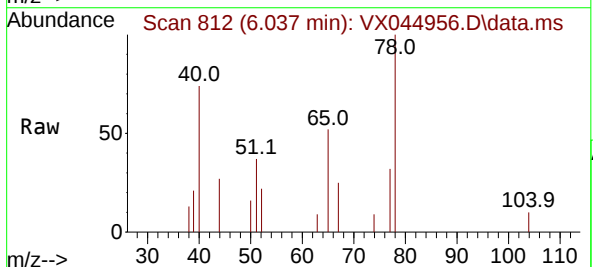
Manual Integrations
APPROVED

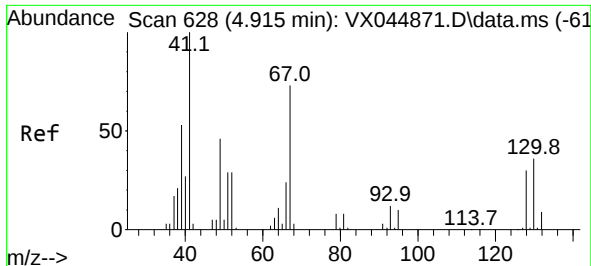
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#40
Benzene
Concen: 0.430 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

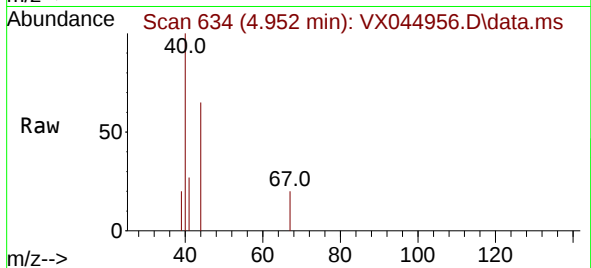
Tgt Ion: 78 Resp: 2508
Ion Ratio Lower Upper
78 100
77 31.7 19.0 28.6#





#41
Methacrylonitrile
Concen: 0.420 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.037 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

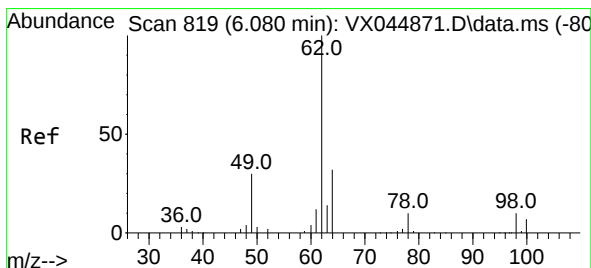
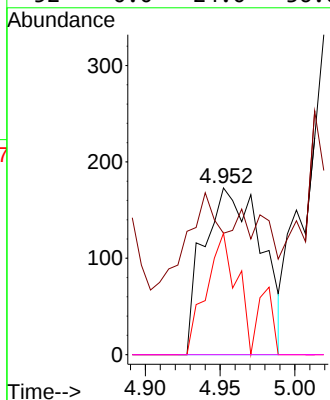
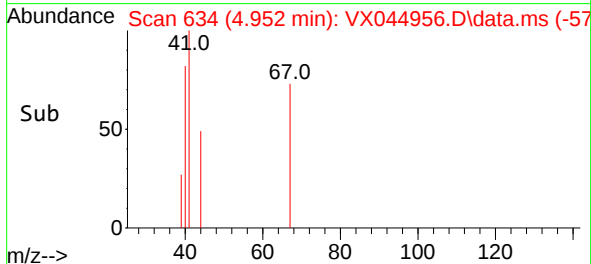
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 41 Resp: 46
Ion Ratio Lower Upper
41 100
39 27.4 43.1 64.7
67 38.3 57.0 85.6
52 0.0 24.0 36.0

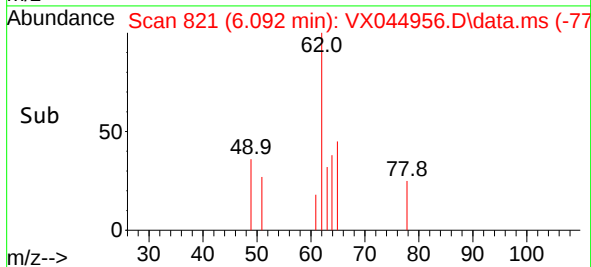
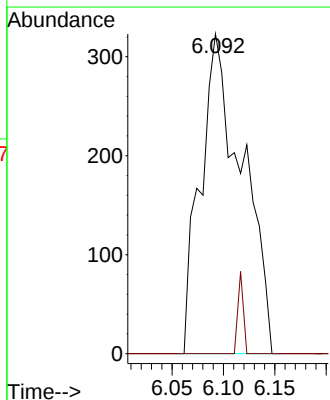
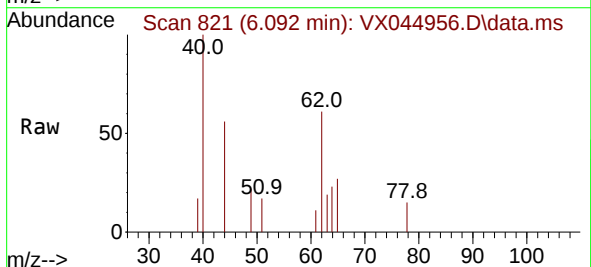
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 0.490 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

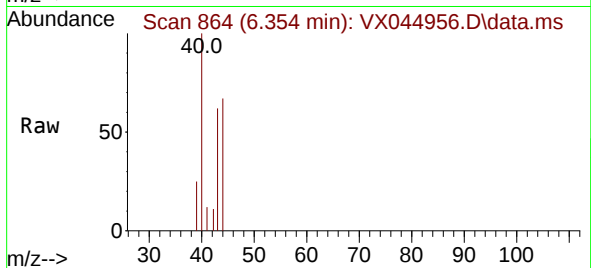
Tgt Ion: 62 Resp: 911
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 0.369 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

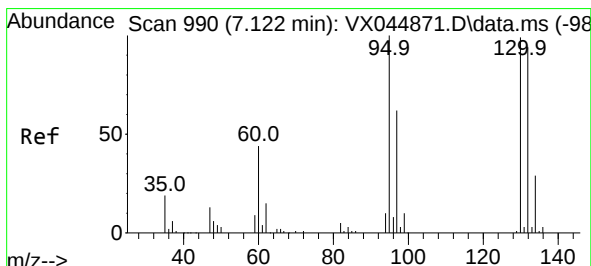
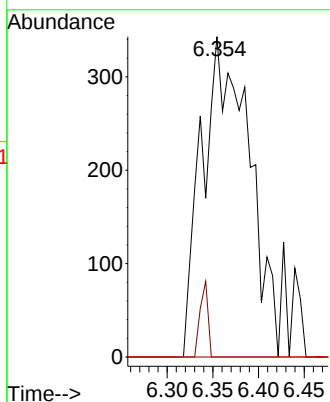
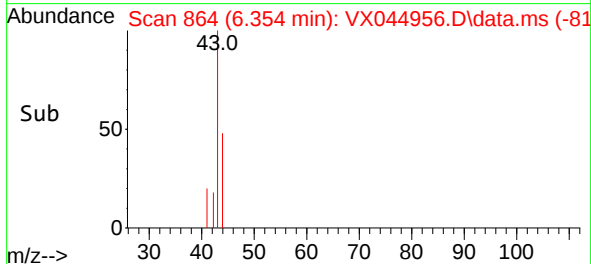
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
61 4.0 15.8 23.8
87 0.0 10.0 15.0

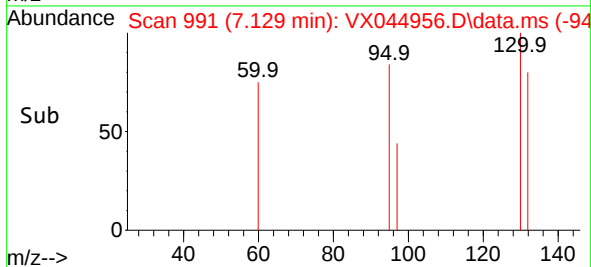
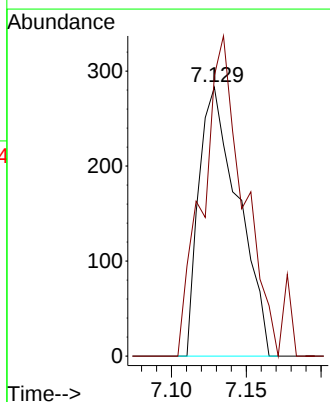
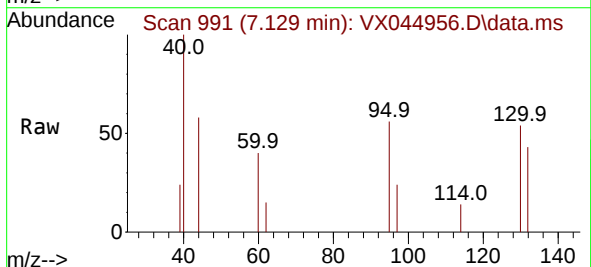
Manual Integrations
APPROVED

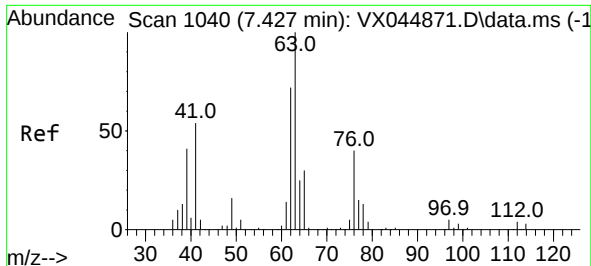
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 0.388 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion:130 Resp: 517
Ion Ratio Lower Upper
130 100
95 104.2 0.0 202.4





#45

1,2-Dichloropropane

Concen: 0.398 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

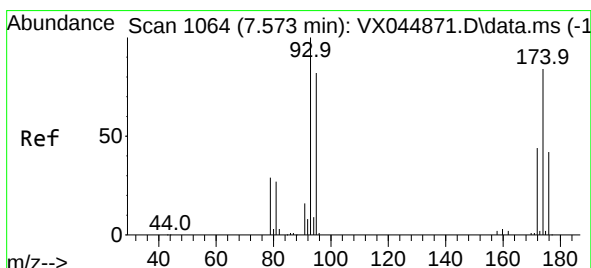
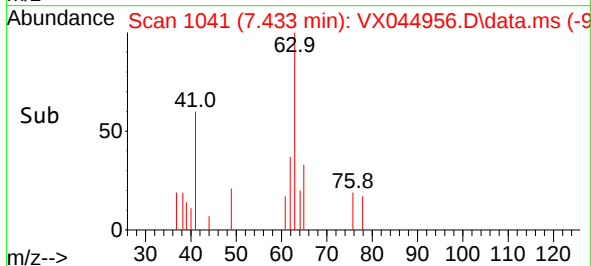
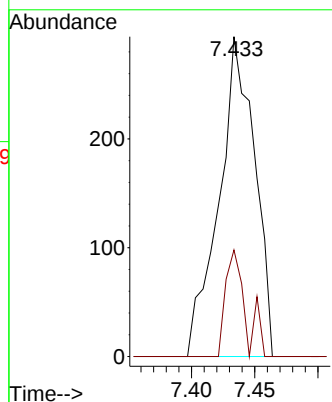
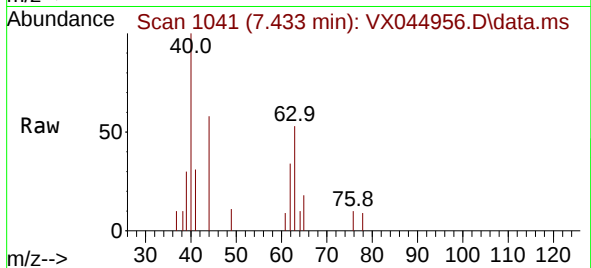
ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 63 Resp: 57
 Ion Ratio Lower Upper
 63 100
 65 33.3 24.2 36.4

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Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 0.432 ug/l

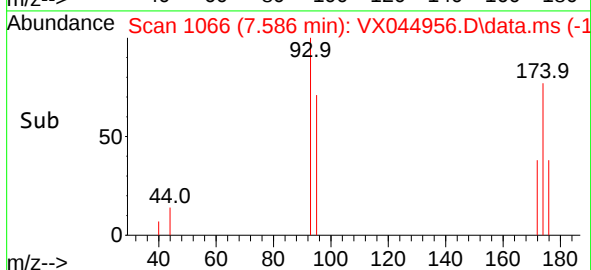
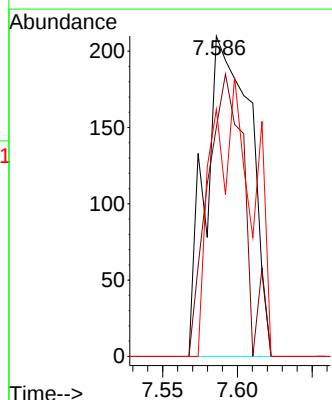
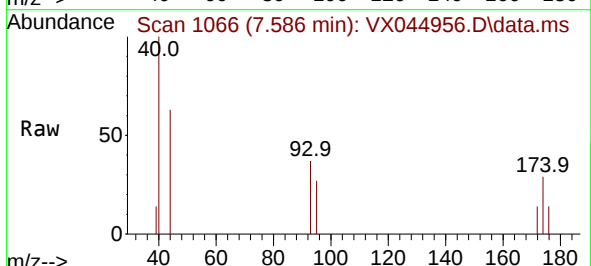
RT: 7.586 min Scan# 1066

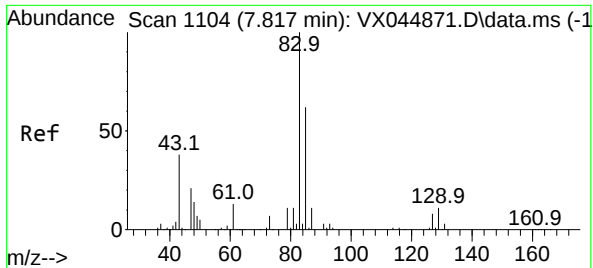
Delta R.T. 0.012 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

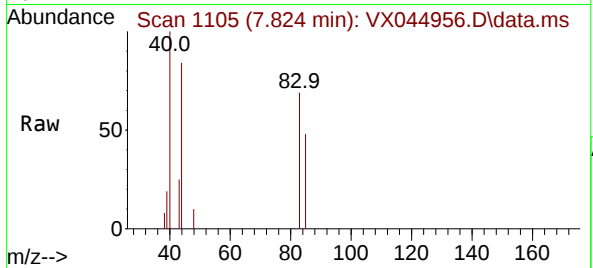
Tgt Ion: 93 Resp: 435
 Ion Ratio Lower Upper
 93 100
 95 72.6 66.2 99.4
 174 32.9 69.9 104.9#





#47
Bromodichloromethane
Concen: 0.415 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

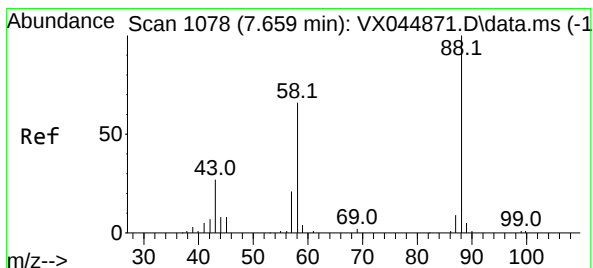
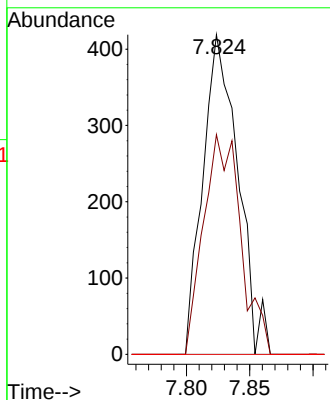
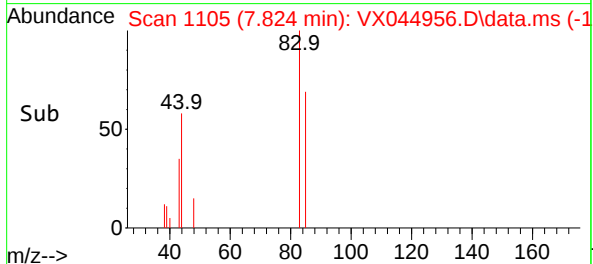
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



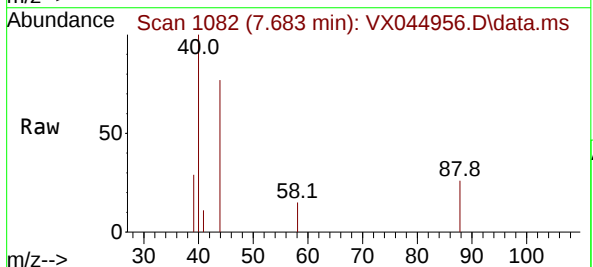
Tgt Ion: 83 Resp: 809
Ion Ratio Lower Upper
83 100
85 68.7 50.0 75.0
127 0.0 6.4 9.6

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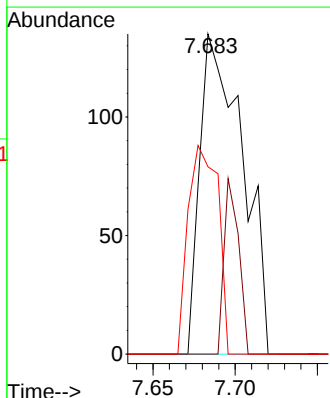
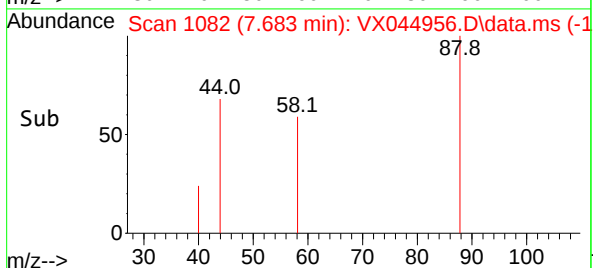
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

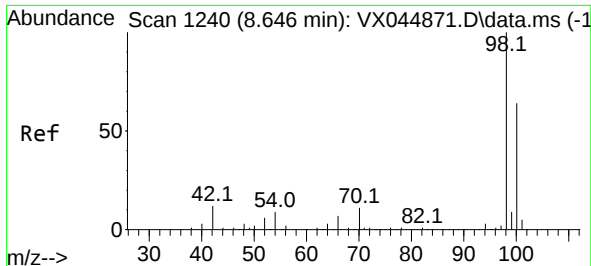


#49
1,4-Dioxane
Concen: 7.191 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11



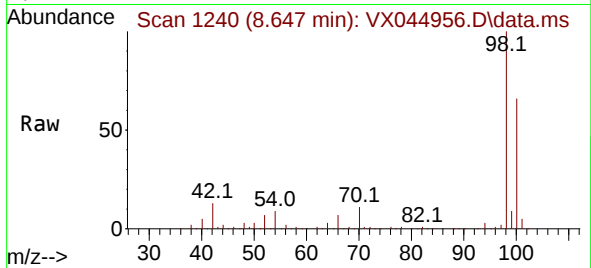
Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
43 18.9 26.6 39.8#
58 45.5 55.9 83.9#





#50
Toluene-d8
Concen: 46.411 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

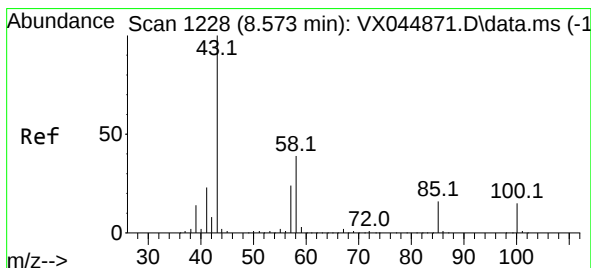
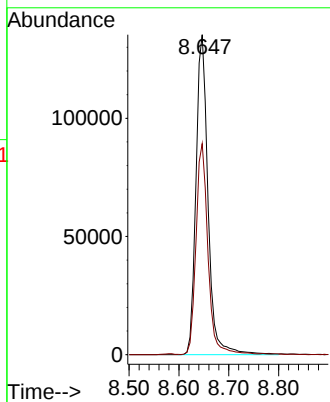
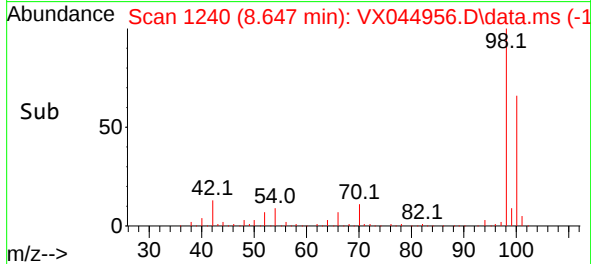
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



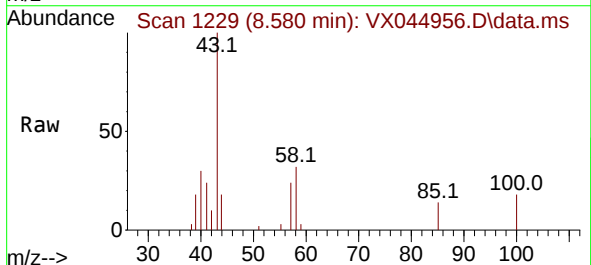
Tgt Ion: 98 Resp: 22714
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

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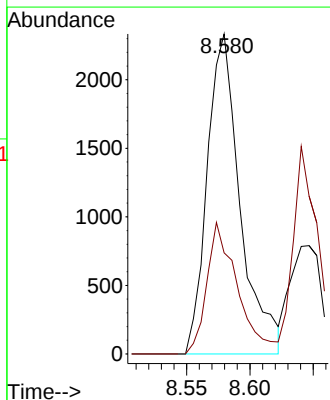
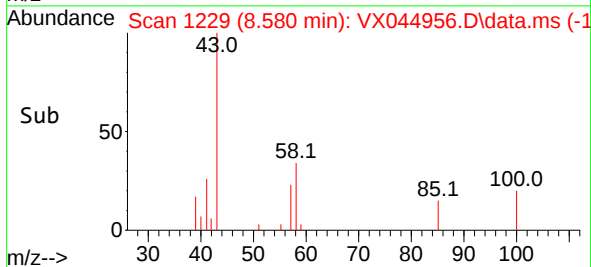
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

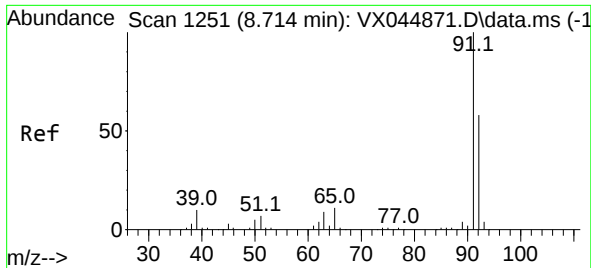


#51
4-Methyl-2-Pentanone
Concen: 2.073 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11



Tgt Ion: 43 Resp: 4226
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2





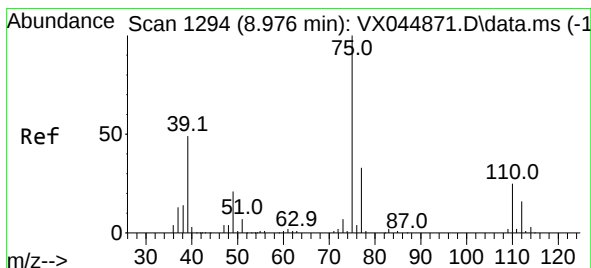
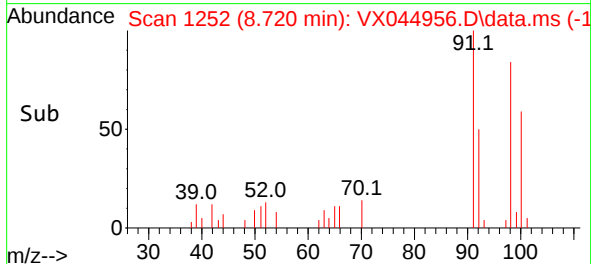
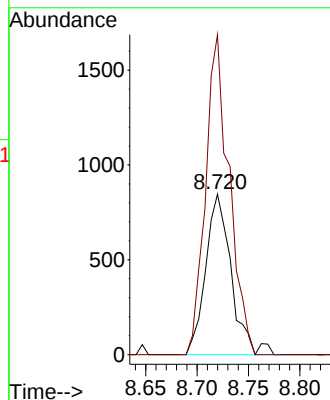
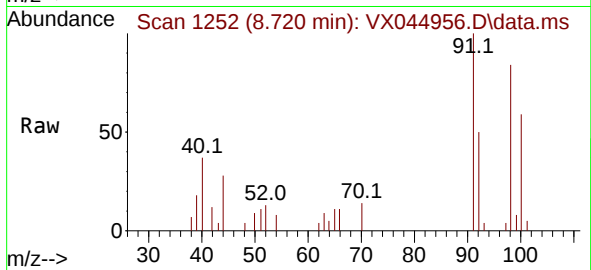
#52
Toluene
Concen: 0.422 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 92 Resp: 146
Ion Ratio Lower Upper
92 100
91 184.0 137.4 206.2

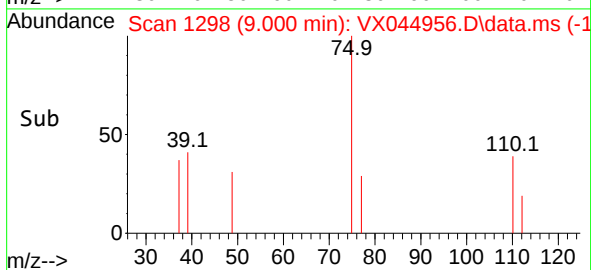
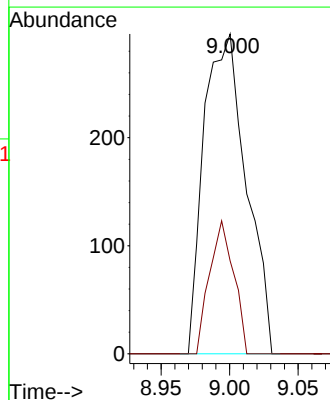
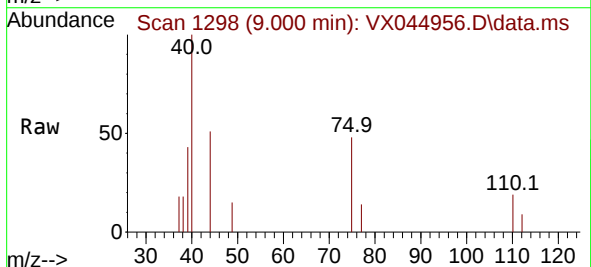
Manual Integrations
APPROVED

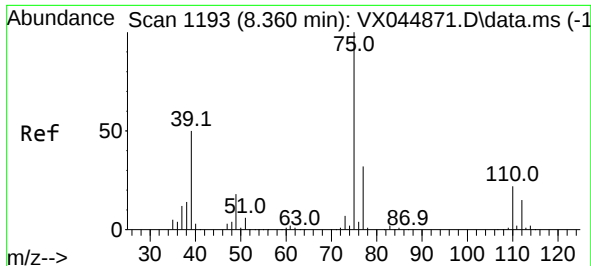
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#53
t-1,3-Dichloropropene
Concen: 0.323 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.025 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

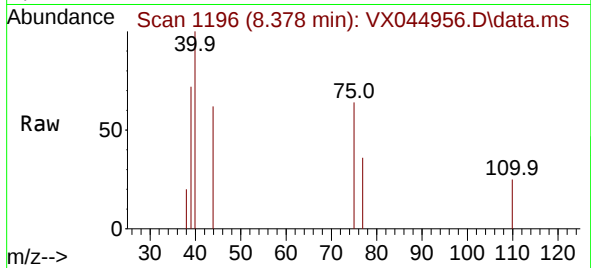
Tgt Ion: 75 Resp: 637
Ion Ratio Lower Upper
75 100
77 29.1 26.0 39.0





#54
 cis-1,3-Dichloropropene
 Concen: 0.310 ug/l
 RT: 8.378 min Scan# 1193
 Delta R.T. 0.019 min
 Lab File: VX044956.D
 Acq: 14 Feb 2025 13:11

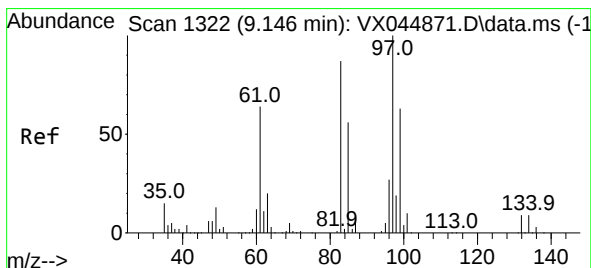
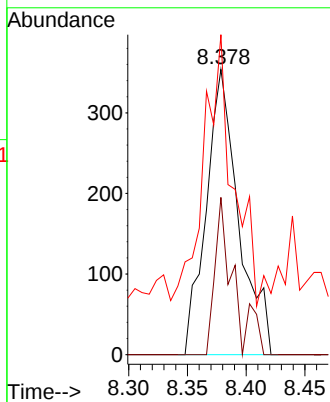
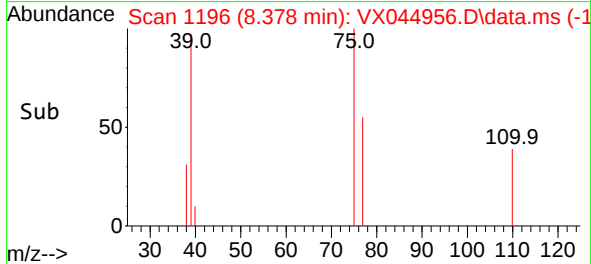
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025



Tgt Ion: 75 Resp: 682
 Ion Ratio Lower Upper
 75 100
 77 55.1 25.3 37.9#
 39 88.1 40.0 60.0#

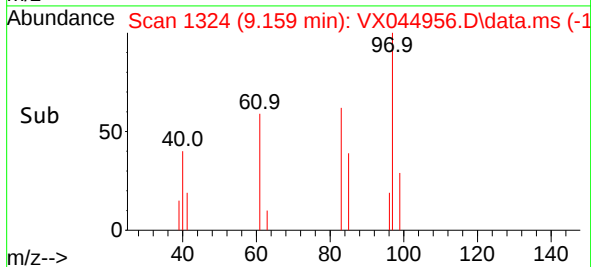
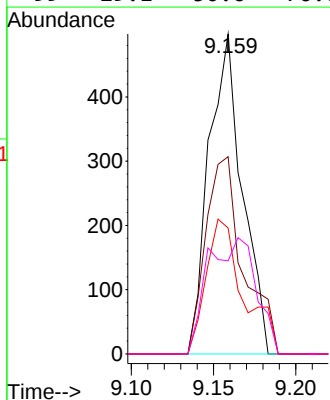
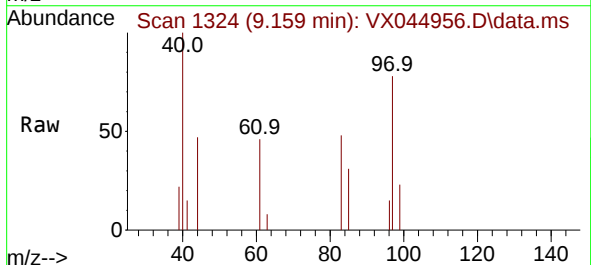
Manual Integrations
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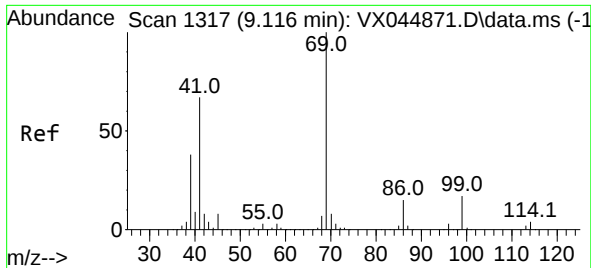
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#55
 1,1,2-Trichloroethane
 Concen: 0.527 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.012 min
 Lab File: VX044956.D
 Acq: 14 Feb 2025 13:11

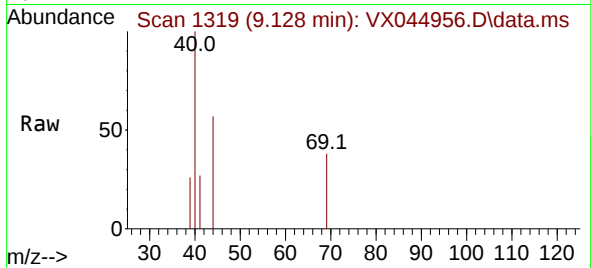
Tgt Ion: 97 Resp: 703
 Ion Ratio Lower Upper
 97 100
 83 61.6 69.8 104.6#
 85 39.4 44.8 67.2#
 99 29.1 50.6 76.0#





#56
Ethyl methacrylate
Concen: 0.218 ug/l
RT: 9.128 min Scan# 1317
Delta R.T. 0.012 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

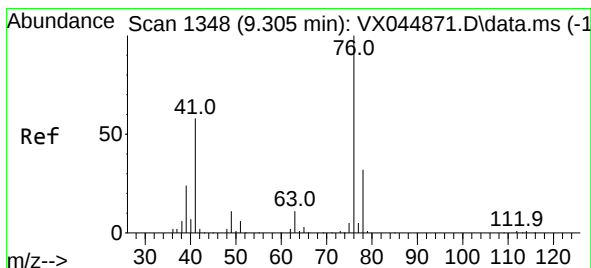
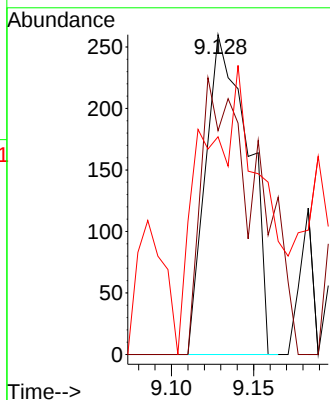
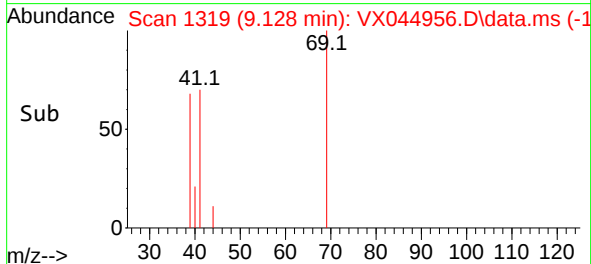
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



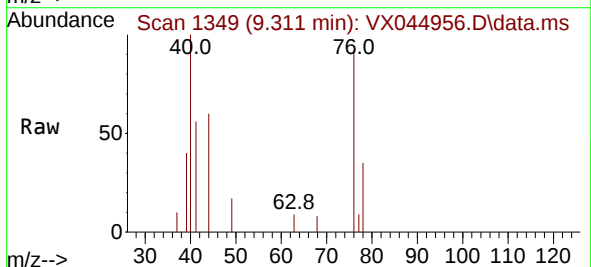
Tgt Ion: 69 Resp: 470
Ion Ratio Lower Upper
69 100
41 113.8 55.2 82.8
39 127.0 30.8 46.2

Manual Integrations
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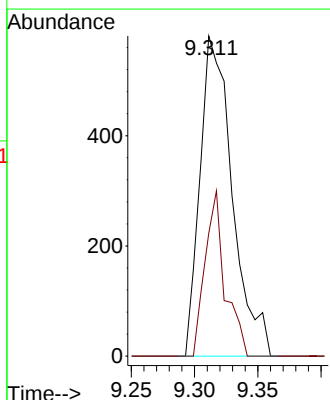
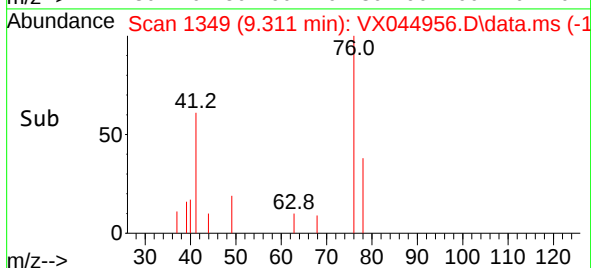
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

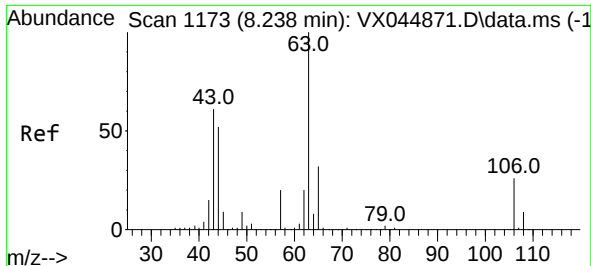


#57
1,3-Dichloropropane
Concen: 0.442 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11



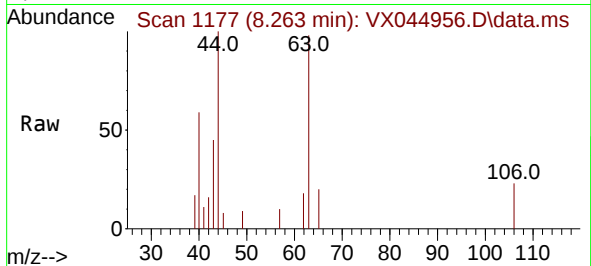
Tgt Ion: 76 Resp: 1033
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.8





#58
2-Chloroethyl Vinyl ether
Concen: 1.551 ug/l
RT: 8.263 min Scan# 1173
Delta R.T. 0.025 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

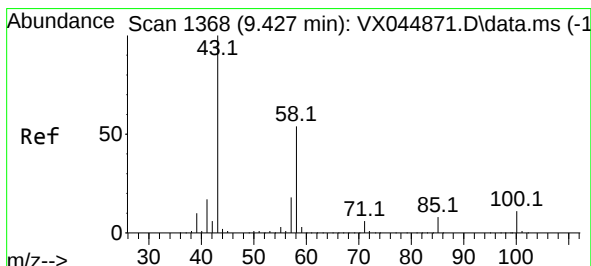
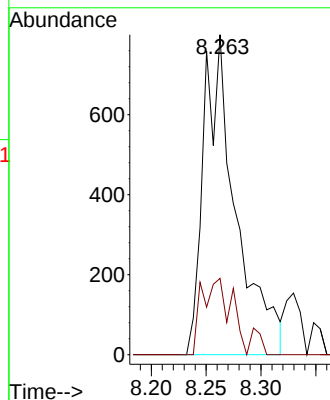
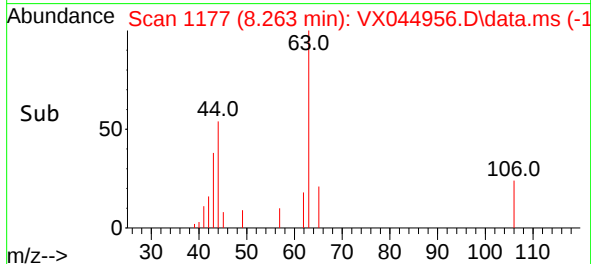
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



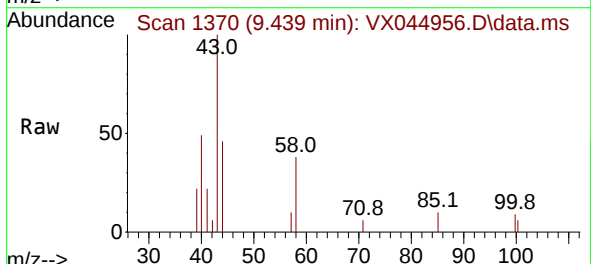
Tgt Ion: 63 Resp: 164
Ion Ratio Lower Upper
63 100
106 21.7 21.3 31.9

Manual Integrations
APPROVED

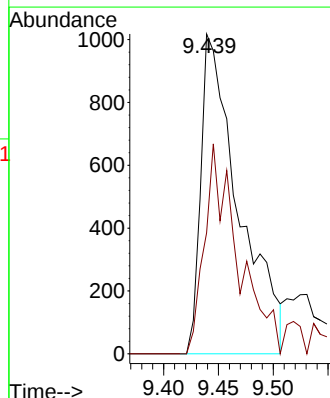
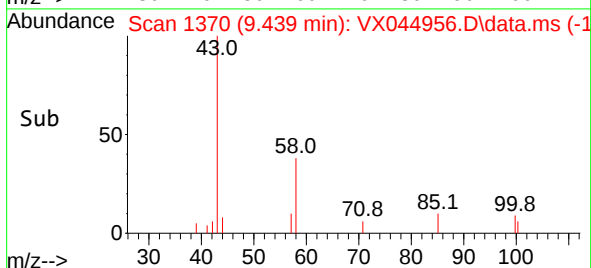
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

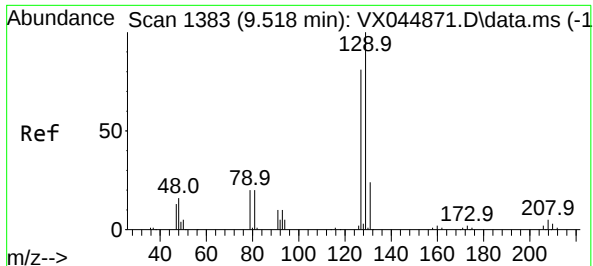


#59
2-Hexanone
Concen: 1.669 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11



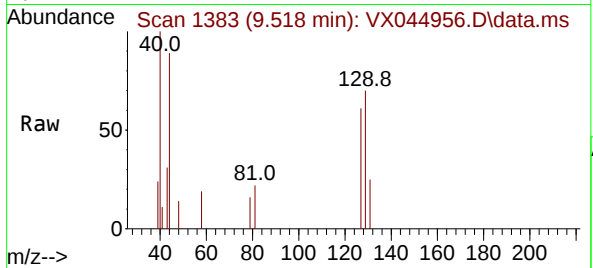
Tgt Ion: 43 Resp: 2452
Ion Ratio Lower Upper
43 100
58 57.5 27.5 82.4





#60
Dibromochloromethane
Concen: 0.387 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

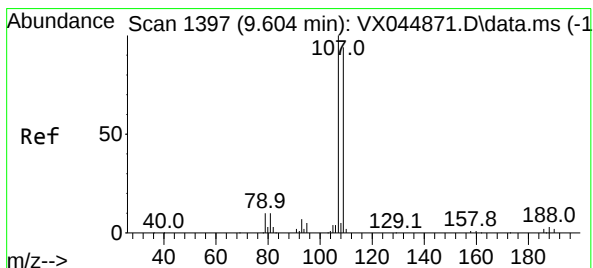
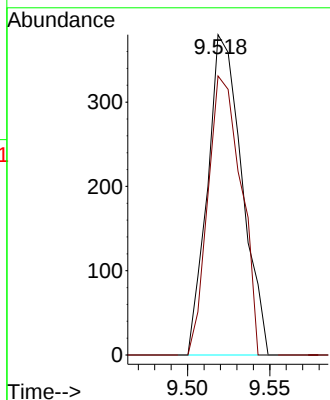
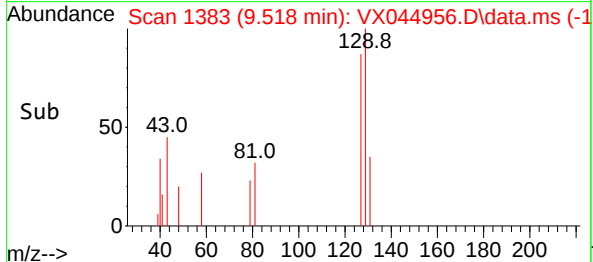
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2025



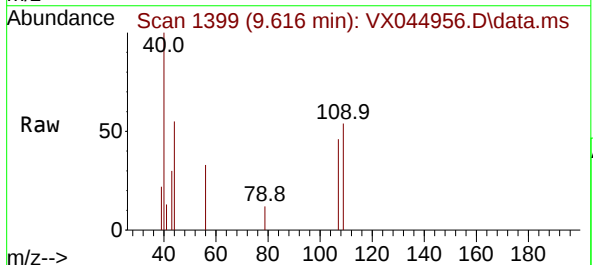
Tgt Ion:129 Resp: 552
Ion Ratio Lower Upper
129 100
127 84.1 39.1 117.3

Manual Integrations
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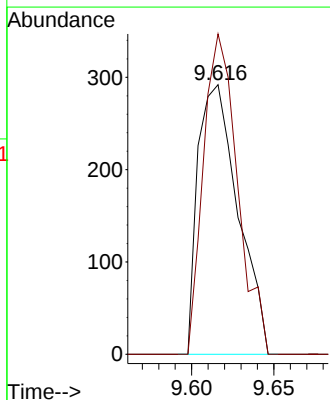
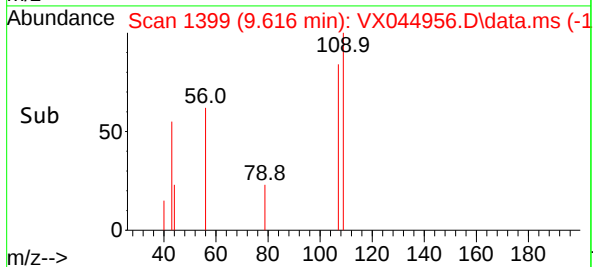
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

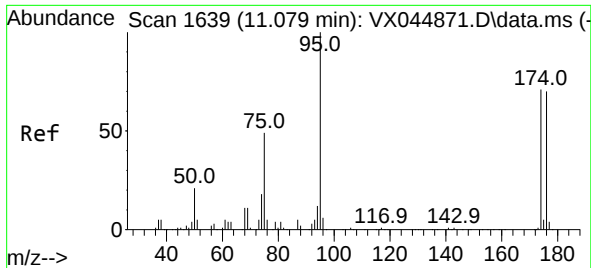


#61
1,2-Dibromoethane
Concen: 0.367 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.012 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11



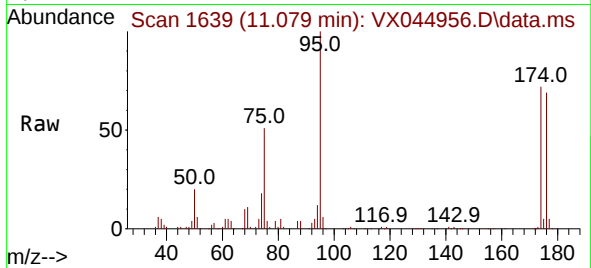
Tgt Ion:107 Resp: 497
Ion Ratio Lower Upper
107 100
109 101.2 75.9 113.9





#62
4-Bromofluorobenzene
Concen: 46.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

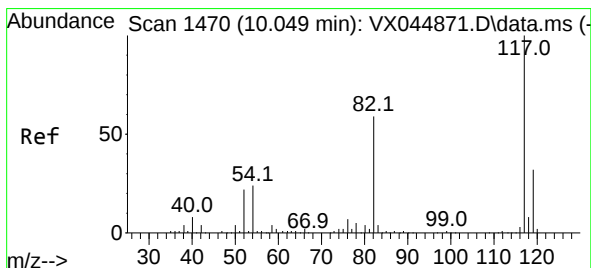
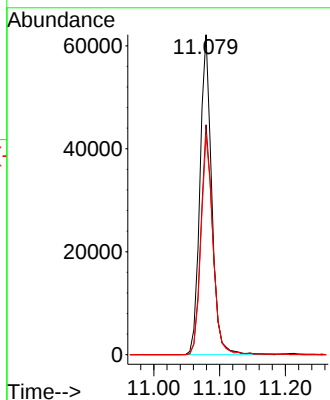
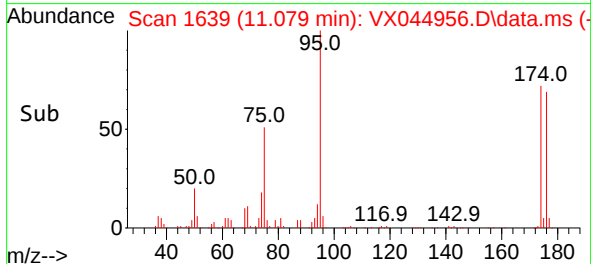
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



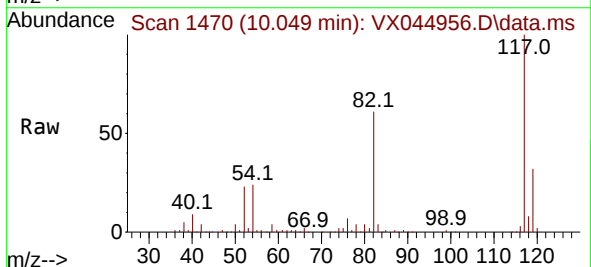
Tgt Ion: 95 Resp: 77040
Ion Ratio Lower Upper
95 100
174 72.4 0.0 142.6
176 70.1 0.0 141.6

Manual Integrations
APPROVED

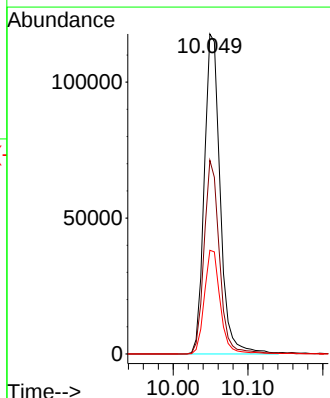
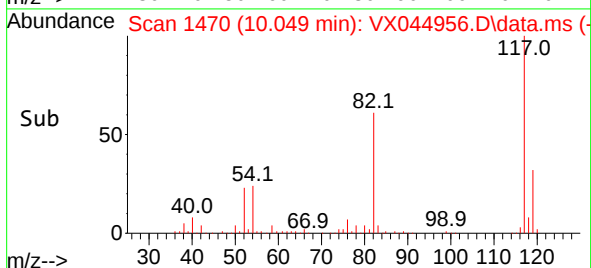
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

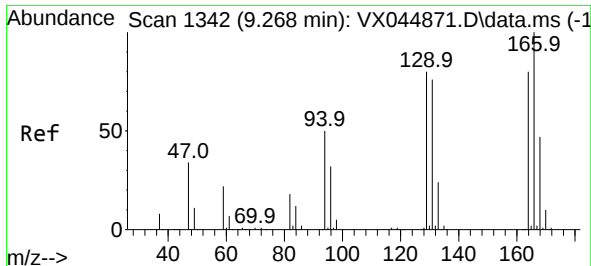


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11



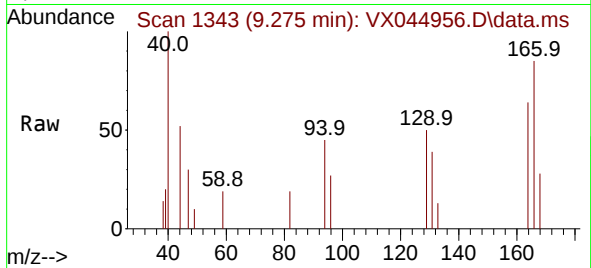
Tgt Ion:117 Resp: 174035
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 32.4 25.4 38.0





#64
Tetrachloroethene
Concen: 0.447 ug/l
RT: 9.275 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

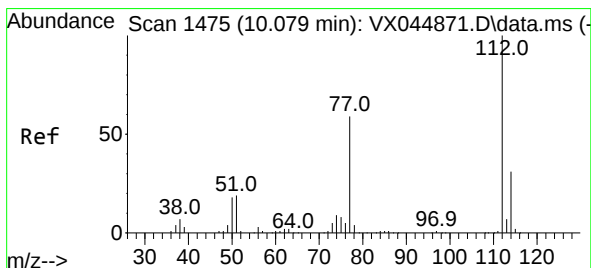
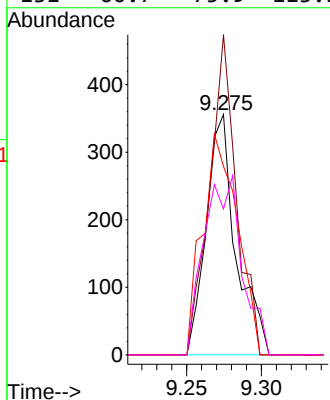
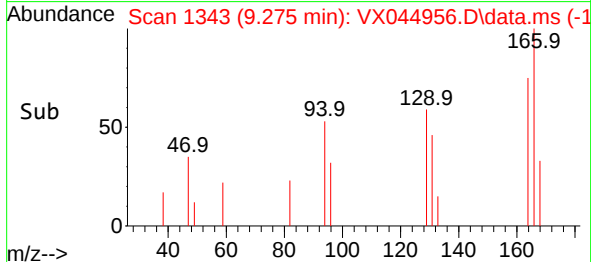
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:164 Resp: 491
Ion Ratio Lower Upper
164 100
166 133.1 100.4 150.6
129 78.4 79.9 119.9
131 60.7 75.9 113.9#

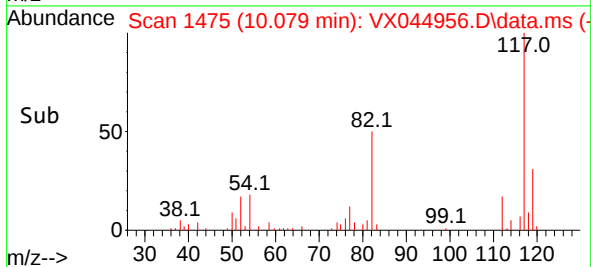
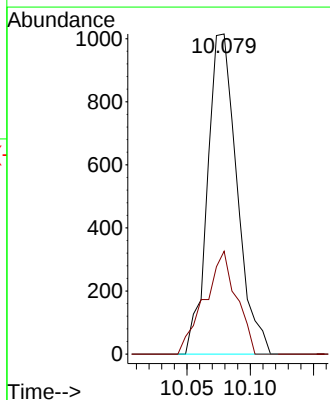
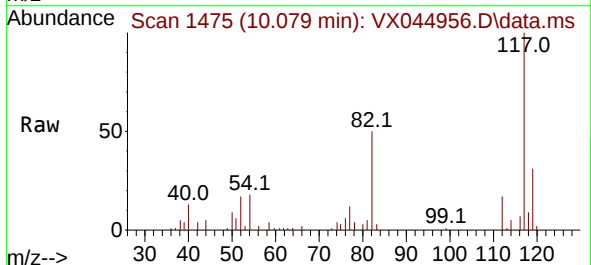
Manual Integrations
APPROVED

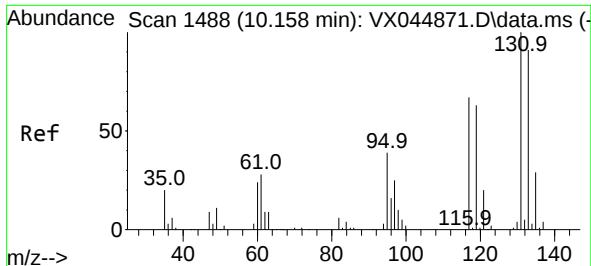
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#65
Chlorobenzene
Concen: 0.439 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

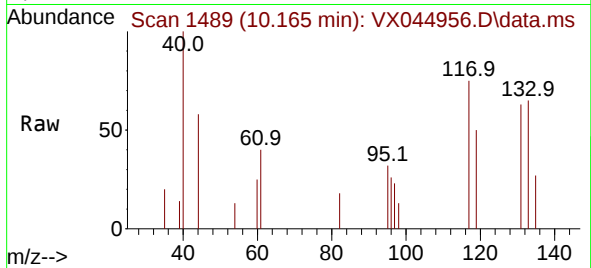
Tgt Ion:112 Resp: 1642
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6





#66
1,1,1,2-Tetrachloroethane
Concen: 0.373 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

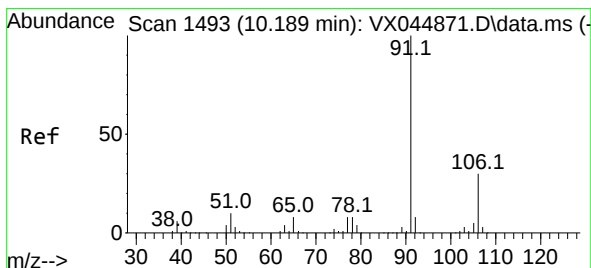
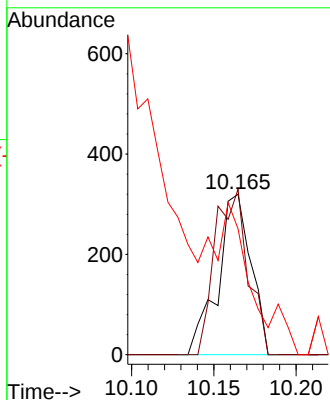
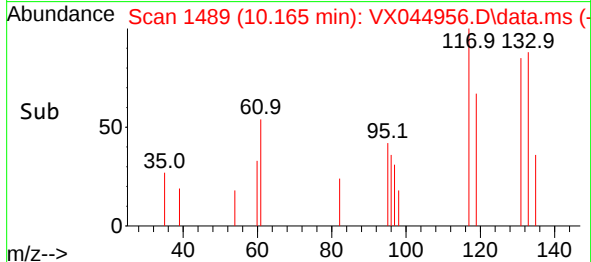
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:131 Resp: 449
Ion Ratio Lower Upper
131 100
133 102.4 47.1 141.3
119 0.0 33.6 100.6

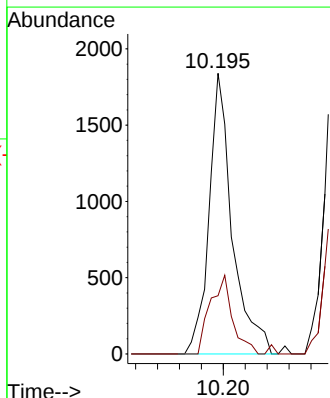
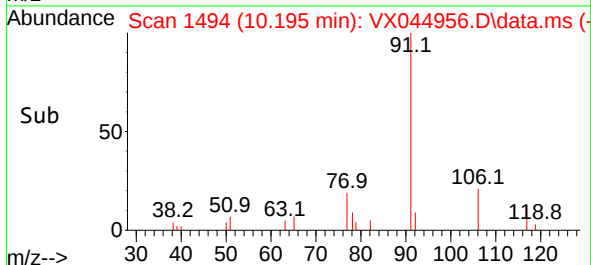
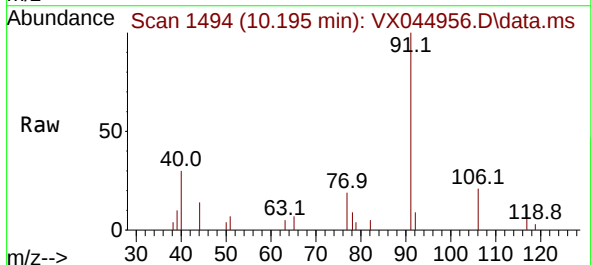
Manual Integrations
APPROVED

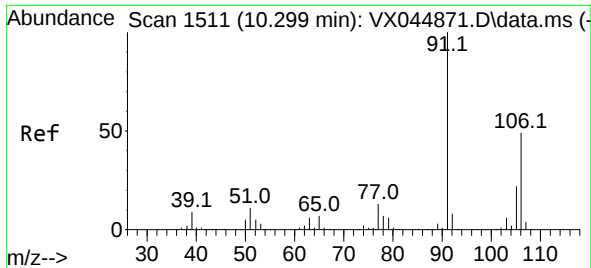
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#67
Ethyl Benzene
Concen: 0.409 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion: 91 Resp: 2699
Ion Ratio Lower Upper
91 100
106 20.8 23.9 35.9#





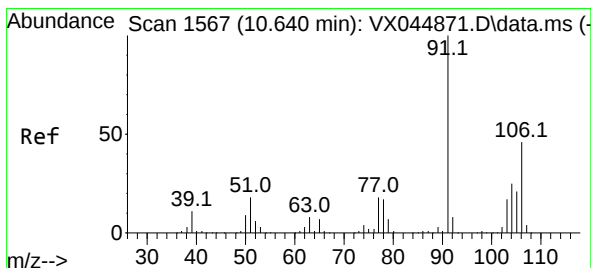
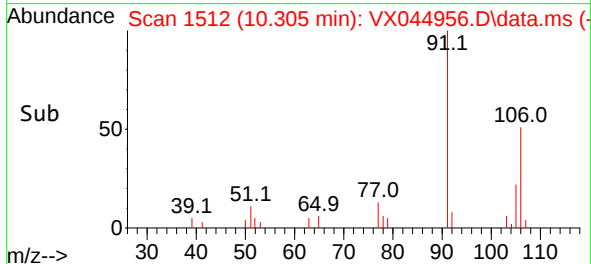
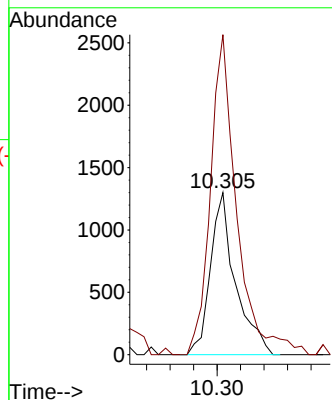
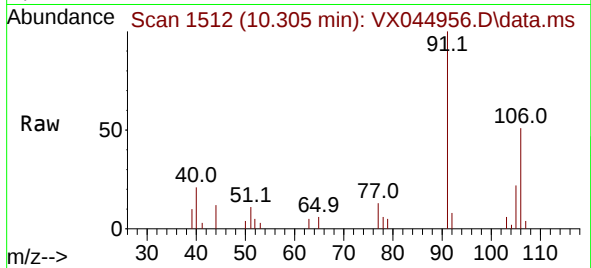
#68
m/p-Xylenes
Concen: 0.789 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:106 Resp: 1919
Ion Ratio Lower Upper
106 100
91 208.1 164.3 246.5

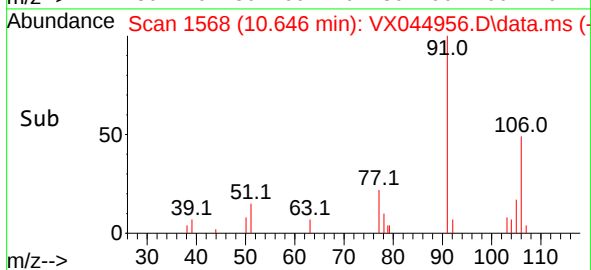
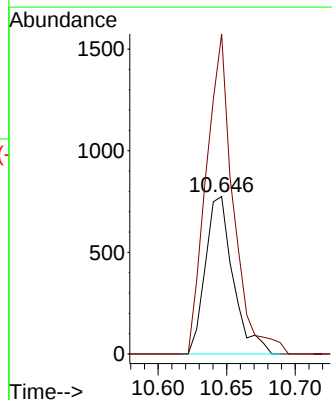
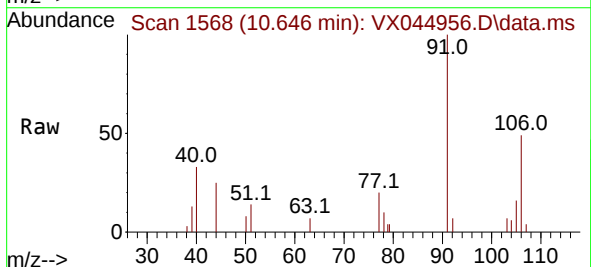
Manual Integrations
APPROVED

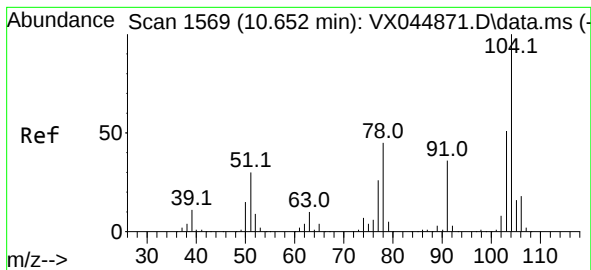
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#69
o-Xylene
Concen: 0.448 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion:106 Resp: 1093
Ion Ratio Lower Upper
106 100
91 198.0 108.5 325.5





#70

Styrene

Concen: 0.376 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

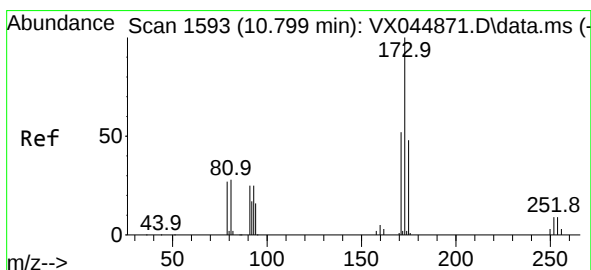
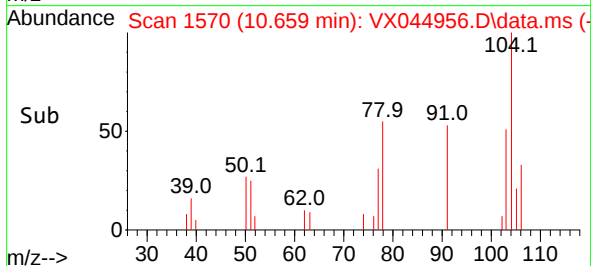
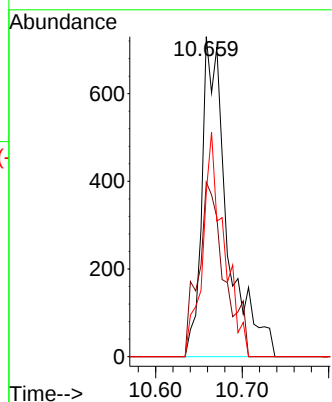
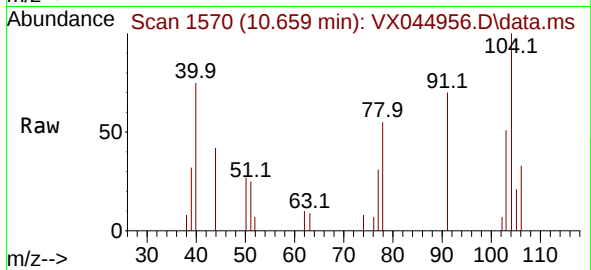
Tgt Ion:104	Resp:	1479
Ion Ratio	Lower	Upper
104	100	
78	56.4	40.5 60.7
103	59.0	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#71

Bromoform

Concen: 0.407 ug/l

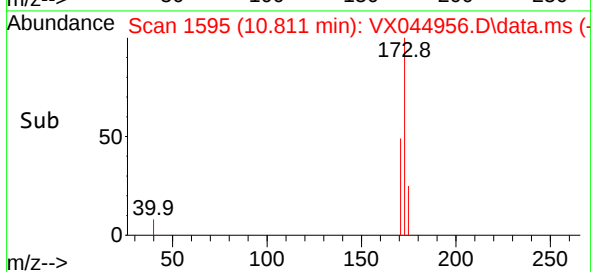
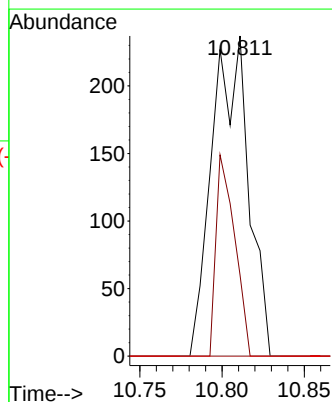
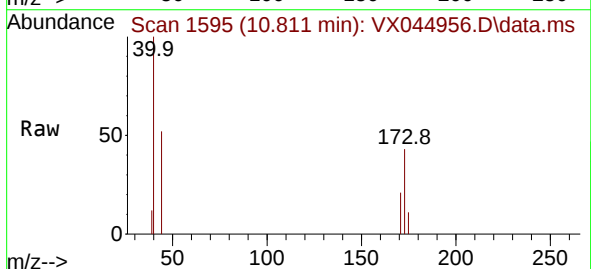
RT: 10.811 min Scan# 1595

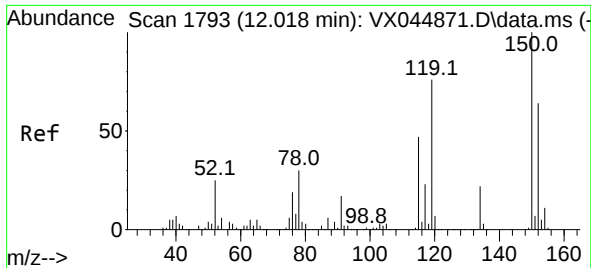
Delta R.T. 0.012 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

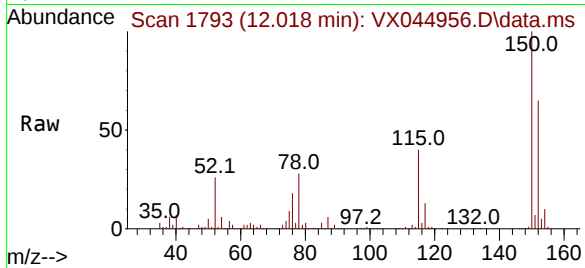
Tgt Ion:173	Resp:	365
Ion Ratio	Lower	Upper
173	100	
175	32.3	24.3 72.8
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

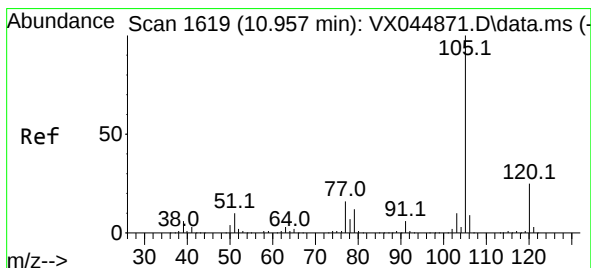
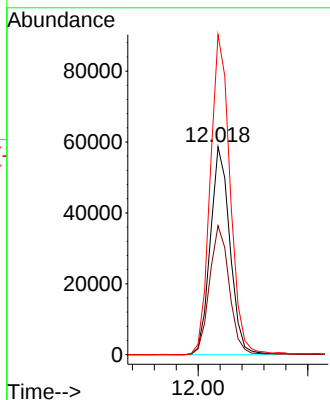
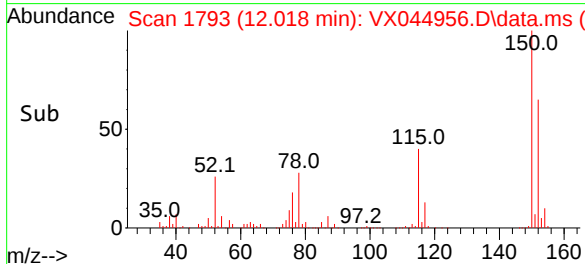
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



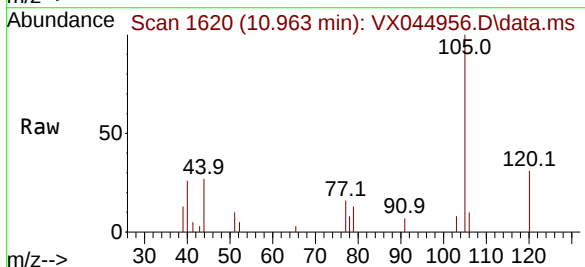
Tgt Ion:152 Resp: 72804
Ion Ratio Lower Upper
152 100
115 62.9 43.4 130.1
150 156.7 0.0 350.4

Manual Integrations
APPROVED

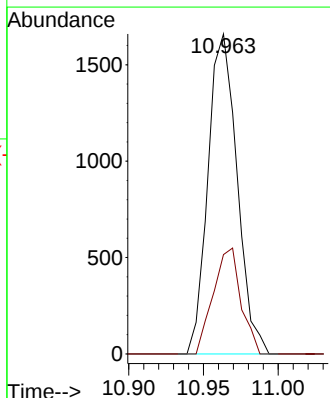
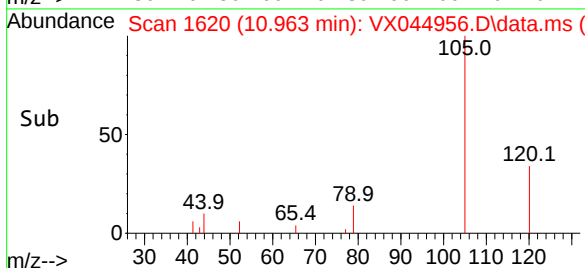
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

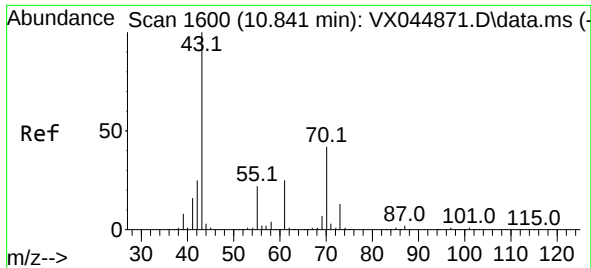


#73
Isopropylbenzene
Concen: 0.383 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11



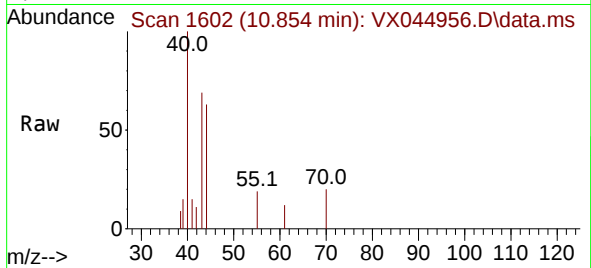
Tgt Ion:105 Resp: 2246
Ion Ratio Lower Upper
105 100
120 31.4 13.2 39.5





#74
N-amy1 acetate
Concen: 0.354 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

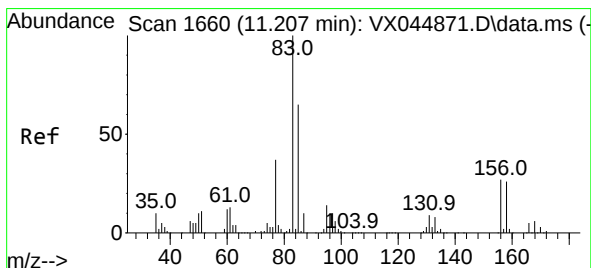
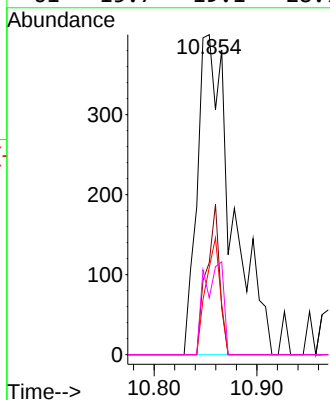
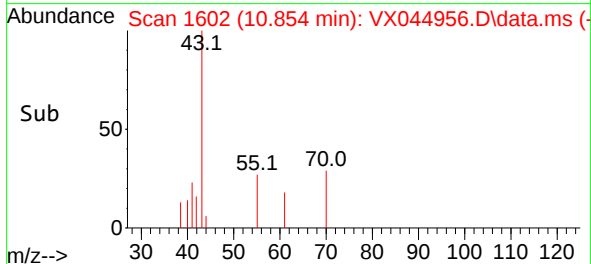
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
70 17.7 33.7 50.5
55 15.1 18.6 27.8
61 15.7 19.1 28.7#

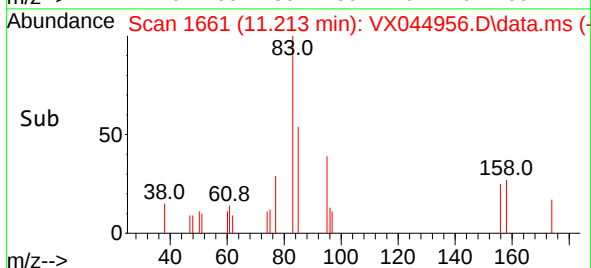
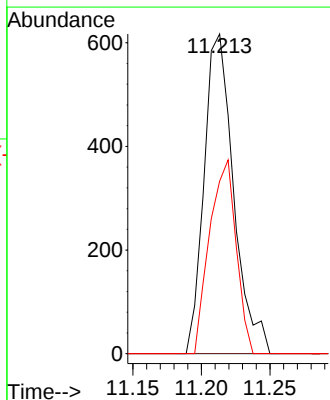
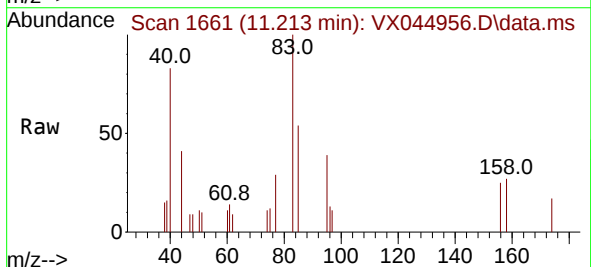
Manual Integrations
APPROVED

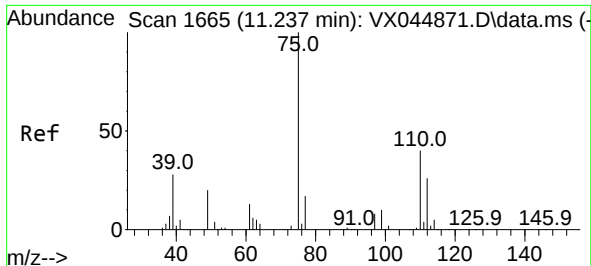
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 0.459 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

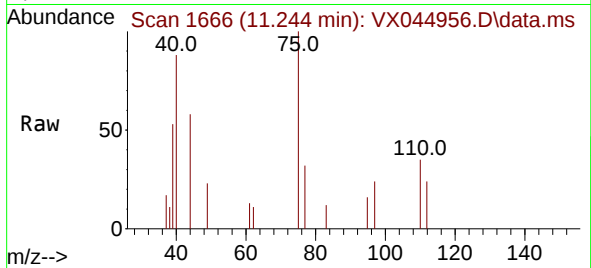
Tgt Ion: 83 Resp: 924
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5#
85 54.3 32.3 96.8





#76
1,2,3-Trichloropropane
Concen: 0.519 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

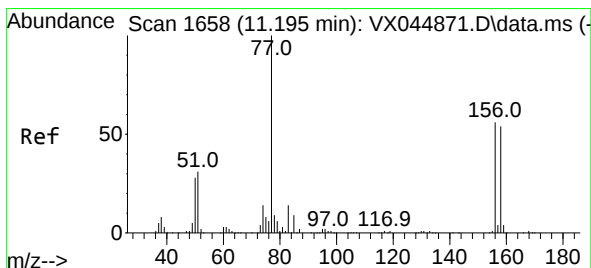
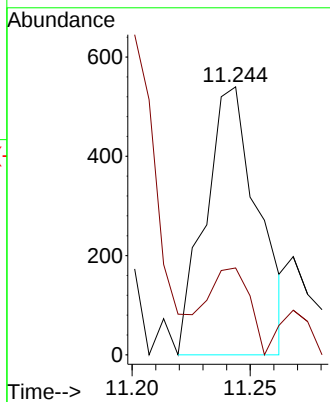
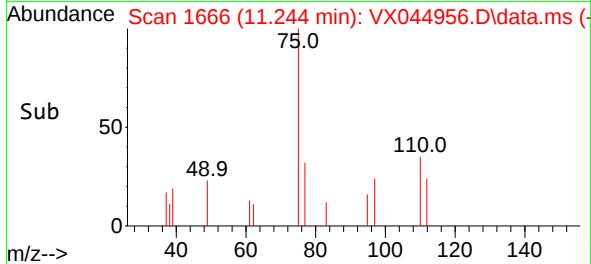
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 75 Resp: 83
Ion Ratio Lower Upper
75 100
77 54.7 21.9 65.7

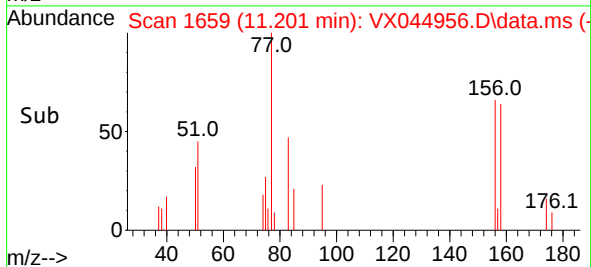
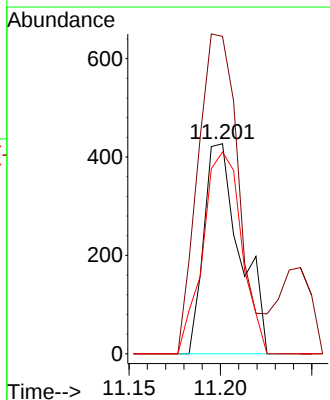
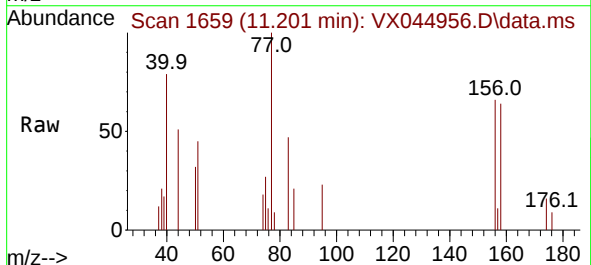
Manual Integrations
APPROVED

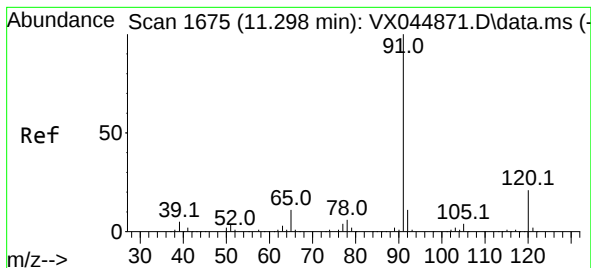
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#77
Bromobenzene
Concen: 0.442 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion:156 Resp: 587
Ion Ratio Lower Upper
156 100
77 173.6 88.4 265.3
158 103.1 48.4 145.2





#78

n-propylbenzene

Concen: 0.392 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 91 Resp: 265

Ion Ratio Lower Upper

91 100

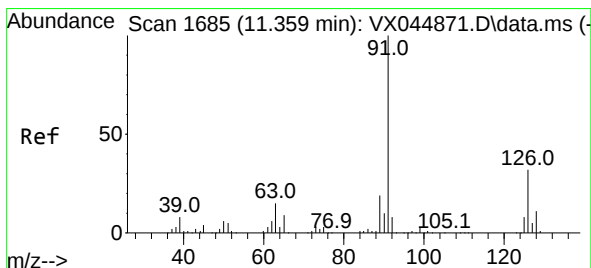
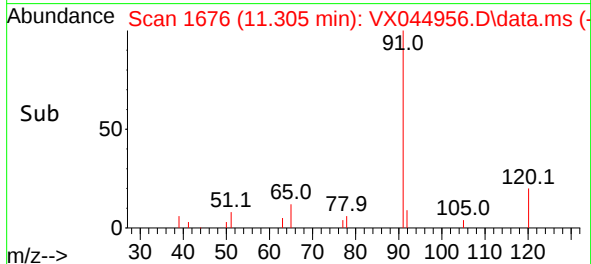
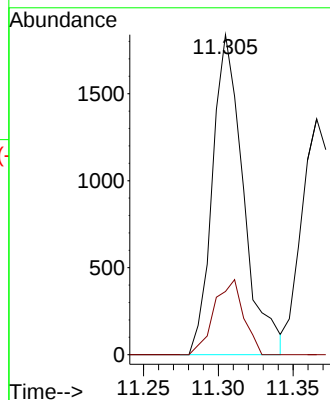
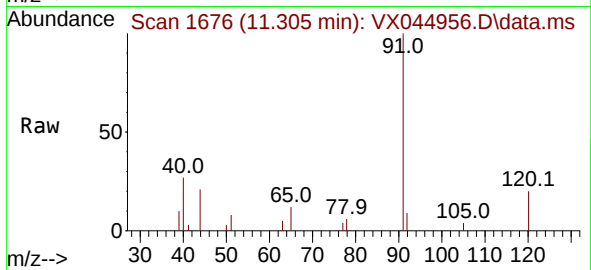
120 22.2 11.1 33.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#79

2-Chlorotoluene

Concen: 0.513 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VX044956.D

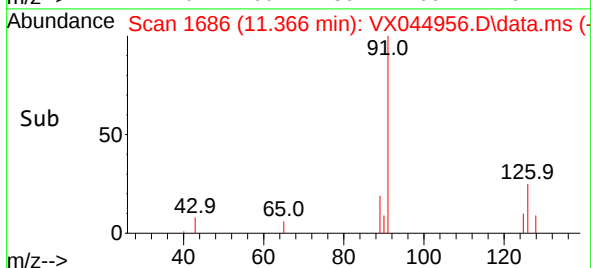
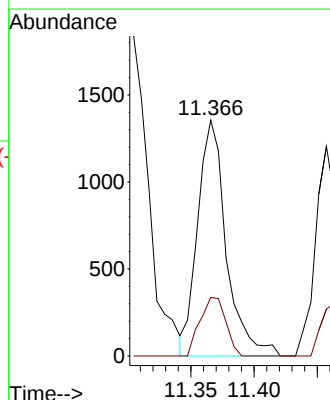
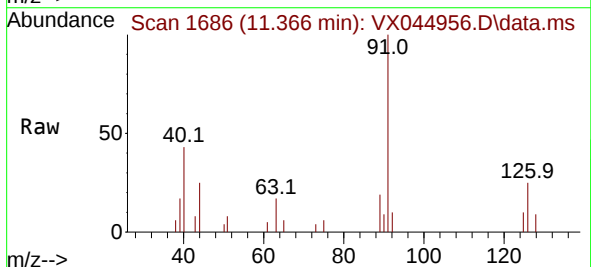
Acq: 14 Feb 2025 13:11

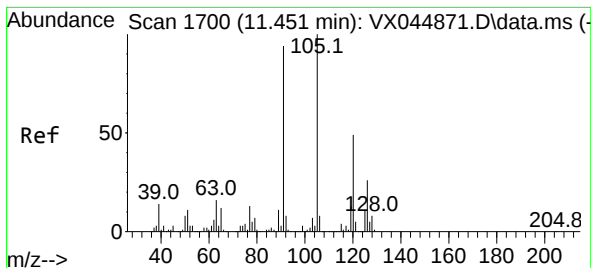
Tgt Ion: 91 Resp: 2132

Ion Ratio Lower Upper

91 100

126 22.3 16.2 48.6





#80

1,3,5-Trimethylbenzene

Concen: 0.331 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

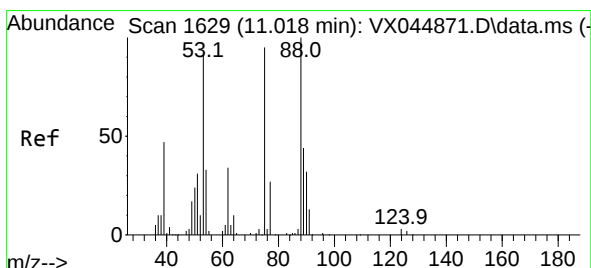
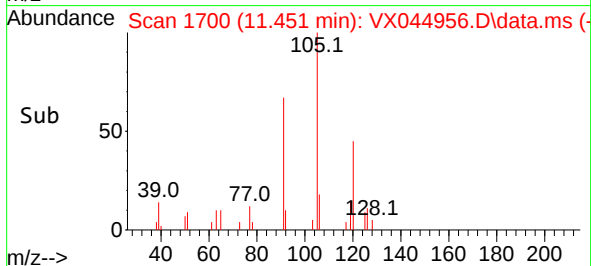
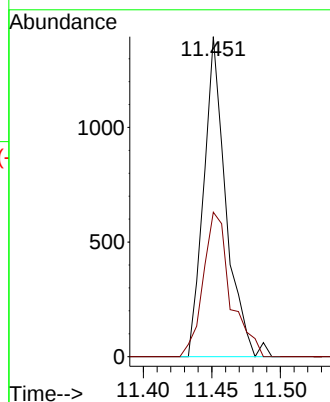
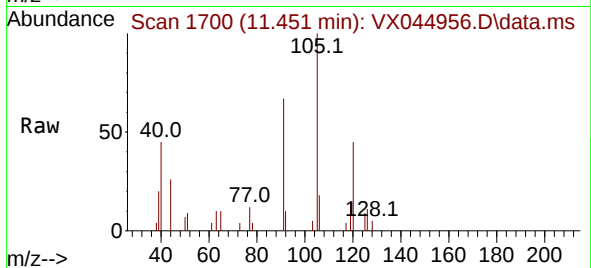
Tgt Ion:105 Resp: 1570
 Ion Ratio Lower Upper
 105 100
 120 55.4 24.0 72.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 64.859 ug/l

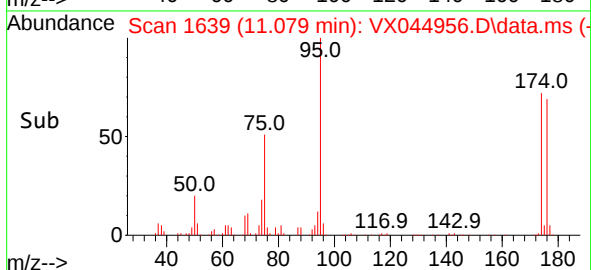
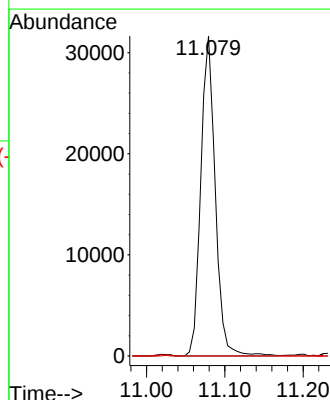
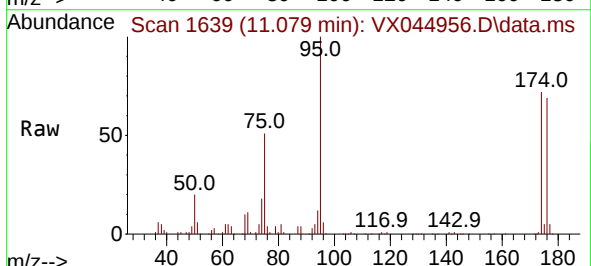
RT: 11.079 min Scan# 1639

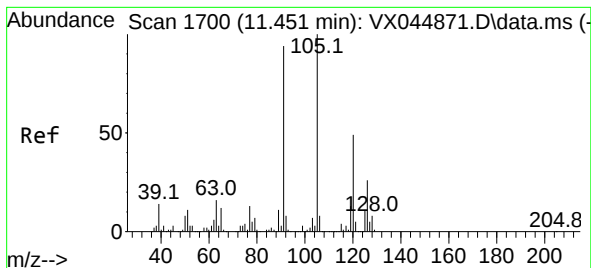
Delta R.T. 0.061 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

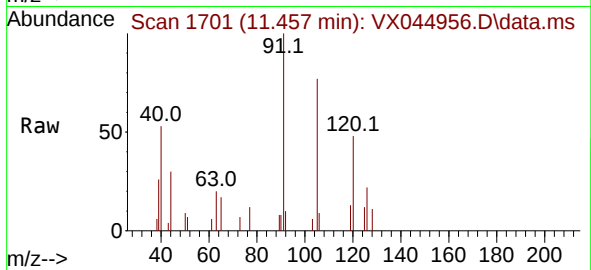
Tgt Ion: 75 Resp: 40699
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#





#82
4-Chlorotoluene
Concen: 0.446 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

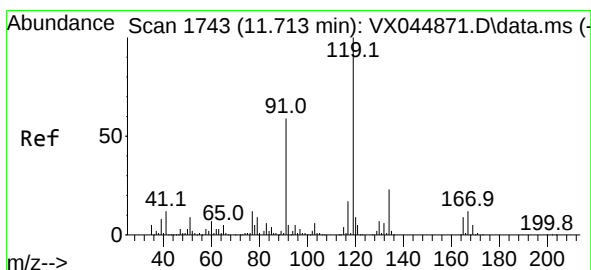
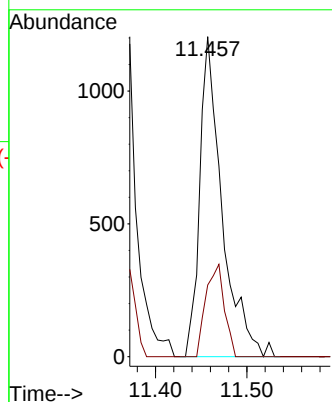
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 91 Resp: 205
Ion Ratio Lower Upper
91 100
126 23.8 14.2 42.6

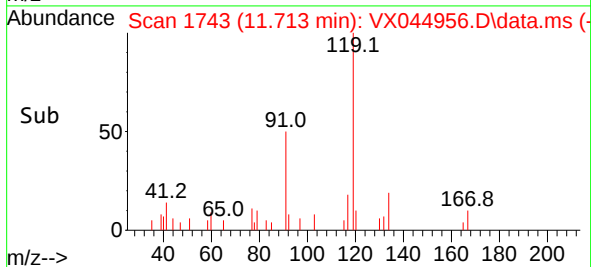
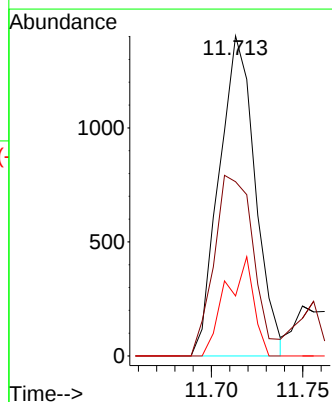
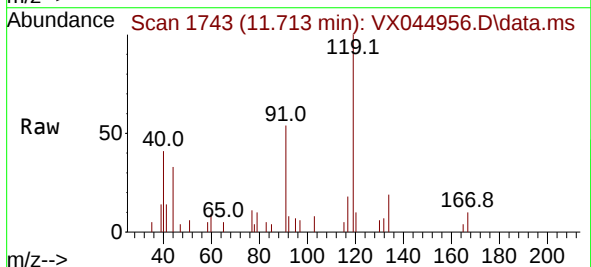
Manual Integrations
APPROVED

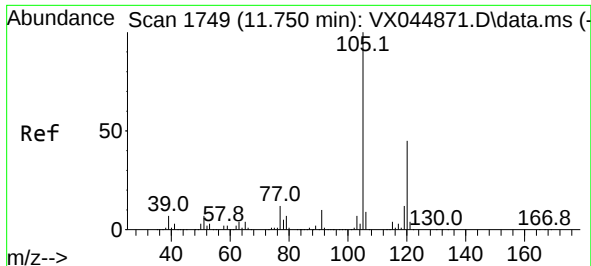
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#83
tert-Butylbenzene
Concen: 0.401 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Tgt Ion:119 Resp: 1932
Ion Ratio Lower Upper
119 100
91 61.9 29.1 87.4
134 24.0 11.5 34.5





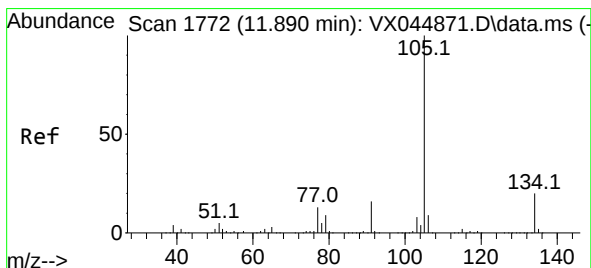
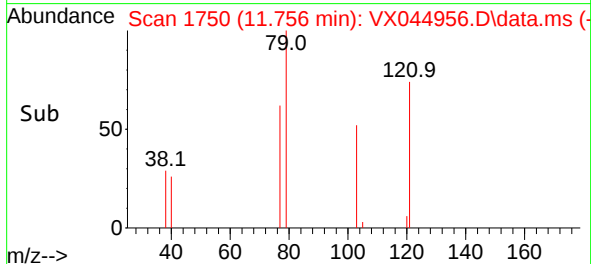
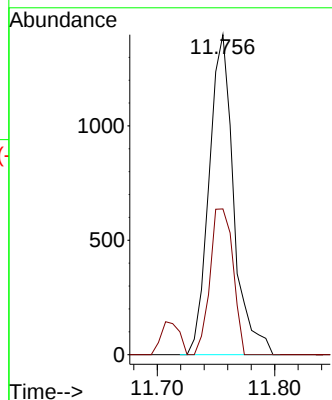
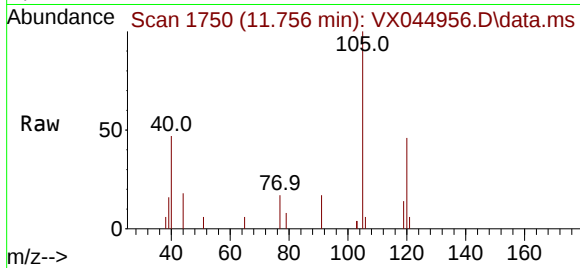
#84
1,2,4-Trimethylbenzene
Concen: 0.434 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:105 Resp: 2030
Ion Ratio Lower Upper
105 100
120 42.5 22.4 67.0

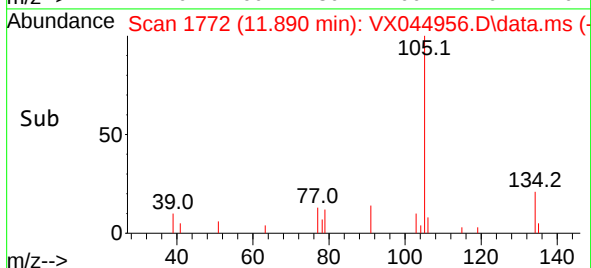
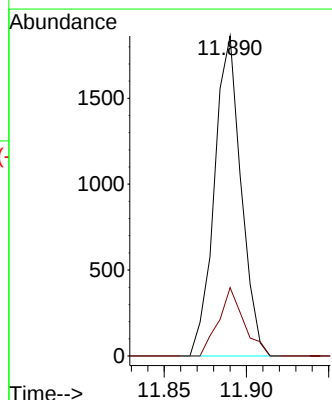
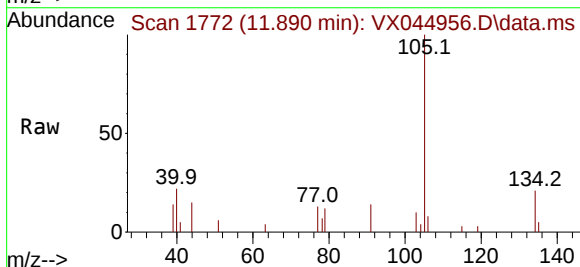
Manual Integrations
APPROVED

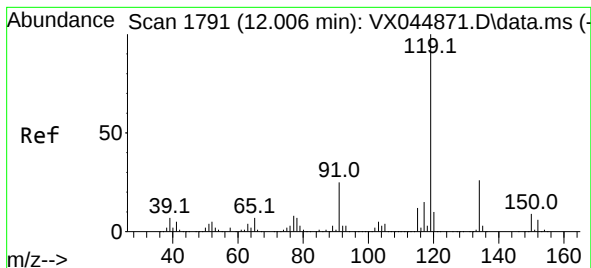
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#85
sec-Butylbenzene
Concen: 0.353 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

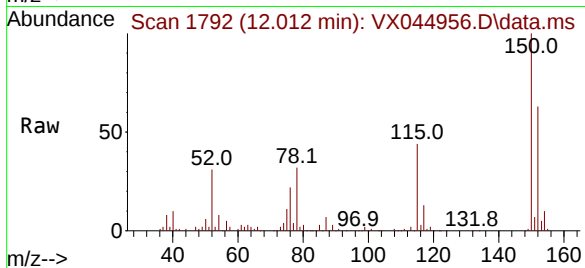
Tgt Ion:105 Resp: 2101
Ion Ratio Lower Upper
105 100
134 20.3 9.8 29.3





#86
p-Isopropyltoluene
Concen: 0.378 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

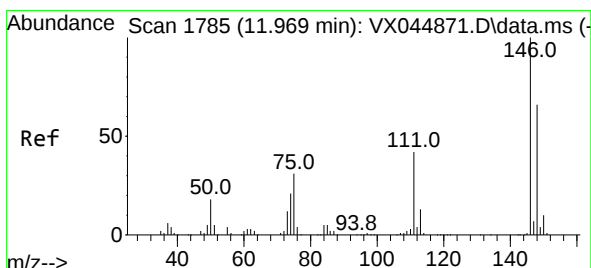
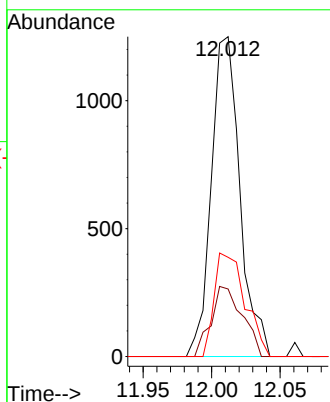
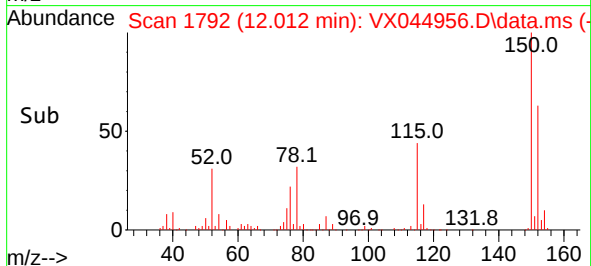
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



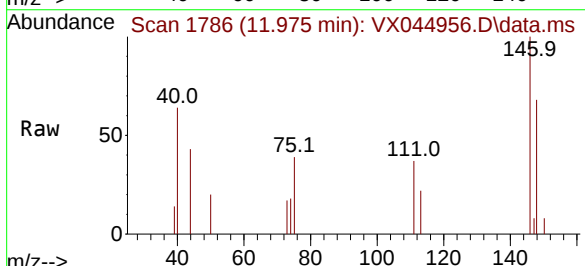
Tgt Ion:119 Resp: 181
Ion Ratio Lower Upper
119 100
134 24.0 13.0 38.9
91 35.0 12.1 36.3

Manual Integrations
APPROVED

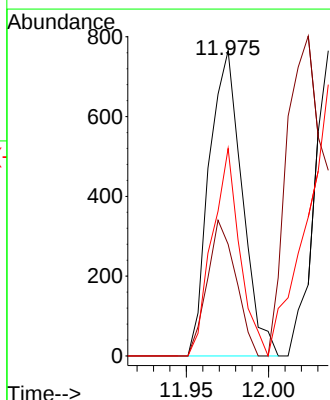
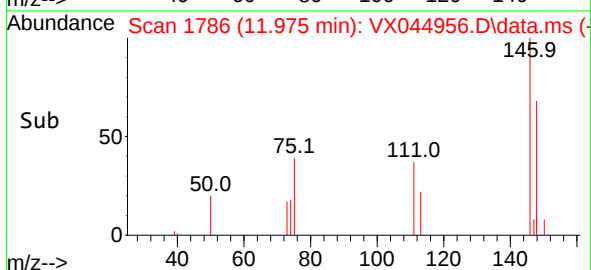
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

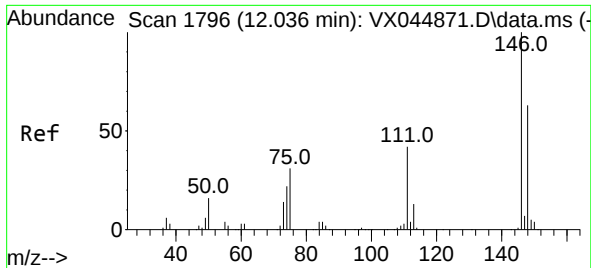


#87
1,3-Dichlorobenzene
Concen: 0.437 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11



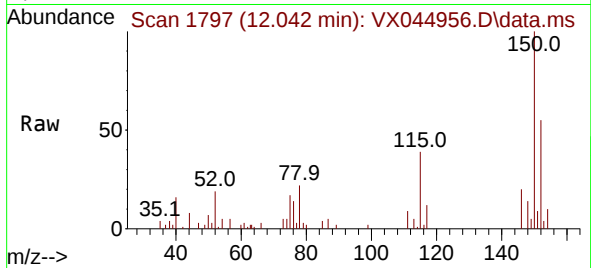
Tgt Ion:146 Resp: 1068
Ion Ratio Lower Upper
146 100
111 38.6 21.2 63.6
148 57.2 32.5 97.5





#88
1,4-Dichlorobenzene
Concen: 0.492 ug/l m
RT: 12.042 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

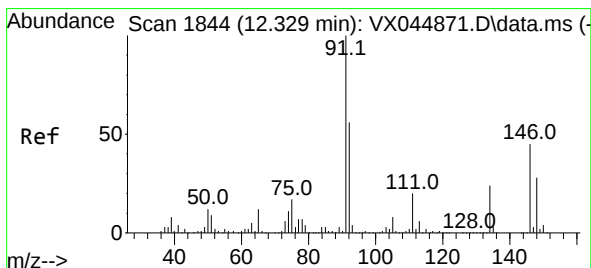
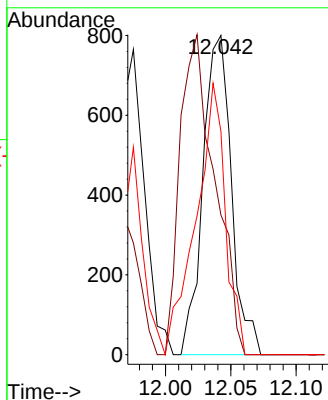
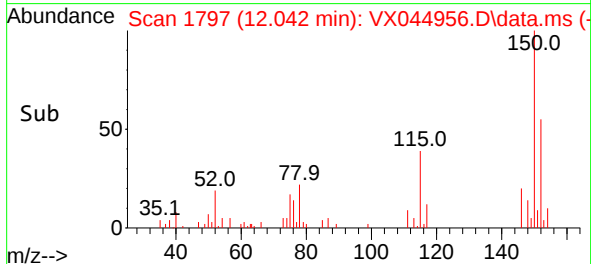
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025



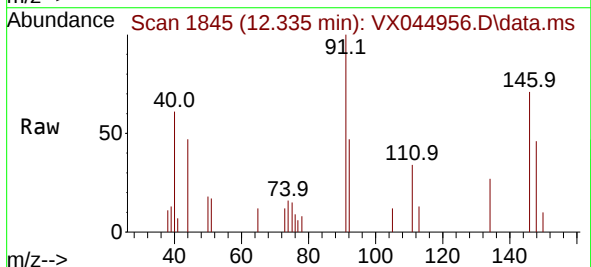
Tgt Ion:146 Resp: 1210
Ion Ratio Lower Upper
146 100
111 33.9 20.4 61.3
148 50.2 32.0 96.0

Manual Integrations
APPROVED

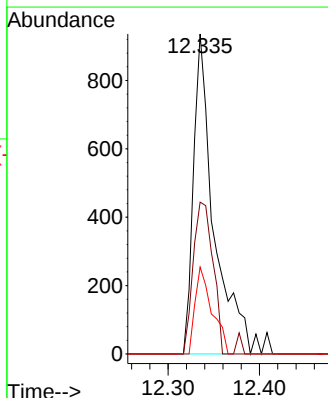
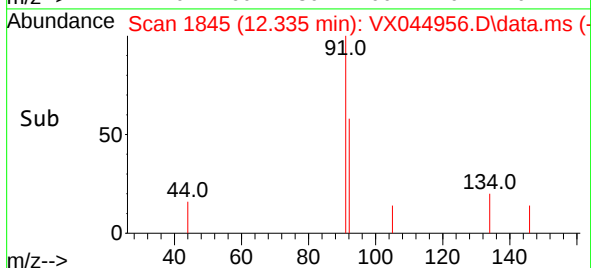
Reviewed By :John Carbone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

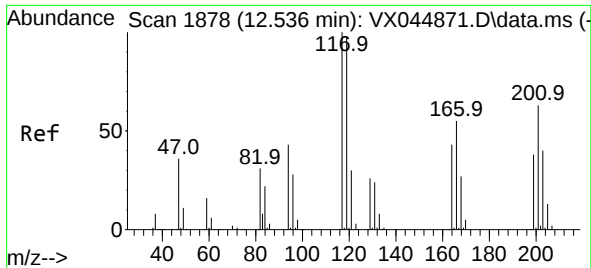


#89
n-Butylbenzene
Concen: 0.350 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11



Tgt Ion: 91 Resp: 1485
Ion Ratio Lower Upper
91 100
92 44.8 27.2 81.6
134 22.1 12.1 36.3





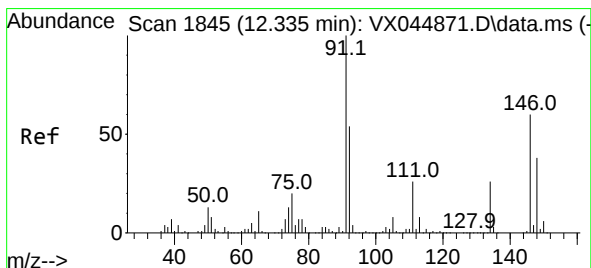
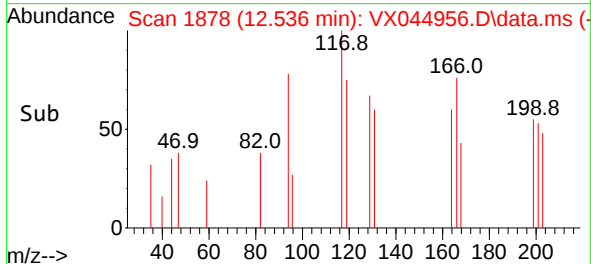
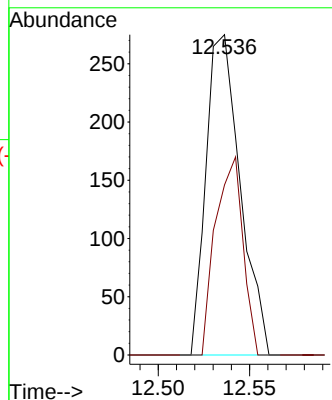
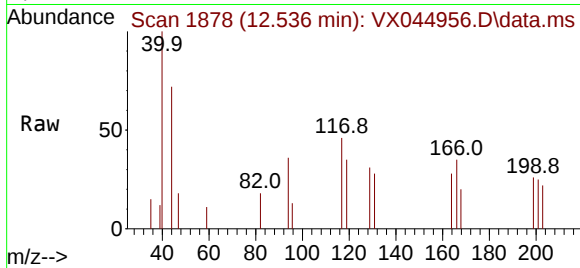
#90
Hexachloroethane
Concen: 0.399 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:117 Resp: 358
Ion Ratio Lower Upper
117 100
201 49.4 32.5 97.5

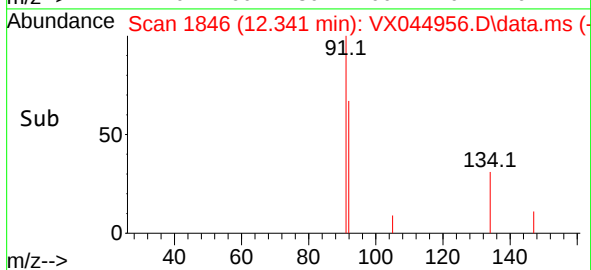
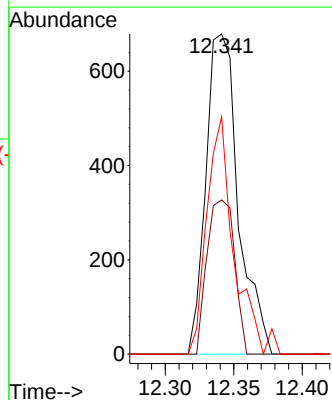
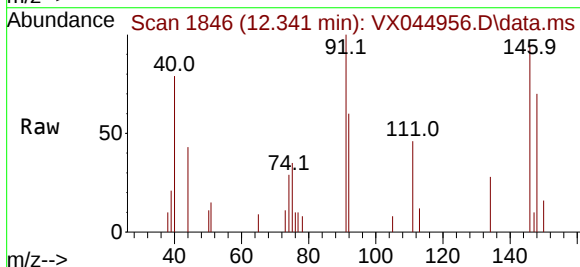
Manual Integrations
APPROVED

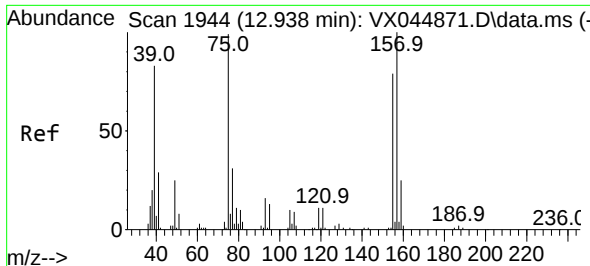
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#91
1,2-Dichlorobenzene
Concen: 0.465 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX044956.D
Acq: 14 Feb 2025 13:11

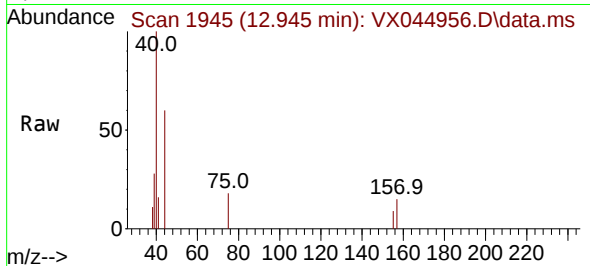
Tgt Ion:146 Resp: 1118
Ion Ratio Lower Upper
146 100
111 41.0 21.8 65.4
148 62.2 31.9 95.9





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.348 ug/l
 RT: 12.945 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VX044956.D
 Acq: 14 Feb 2025 13:11

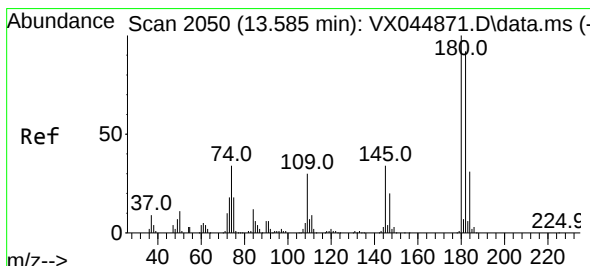
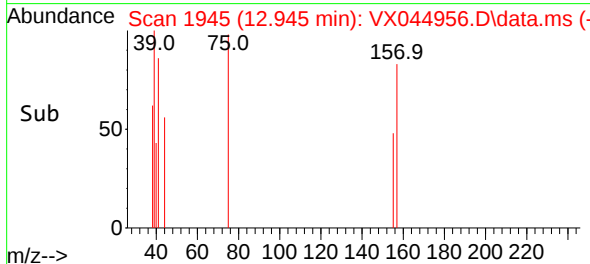
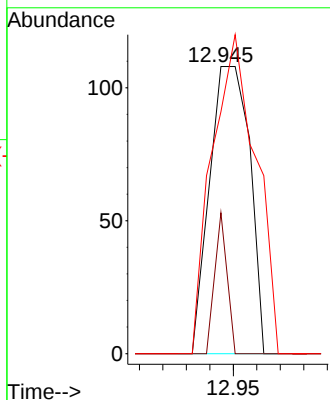
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2025



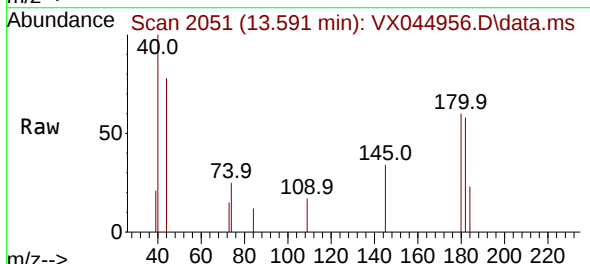
Tgt Ion: 75 Resp: 128
 Ion Ratio Lower Upper
 75 100
 155 14.8 40.5 121.4
 157 121.1 51.4 154.3

Manual Integrations
 APPROVED

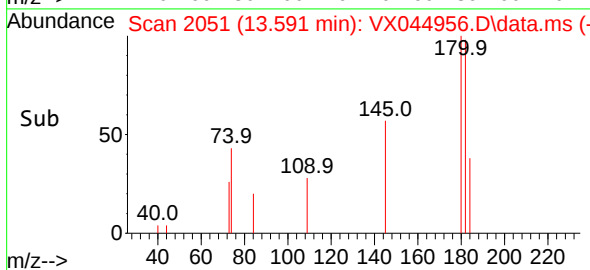
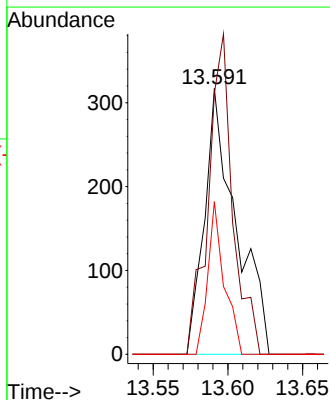
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025

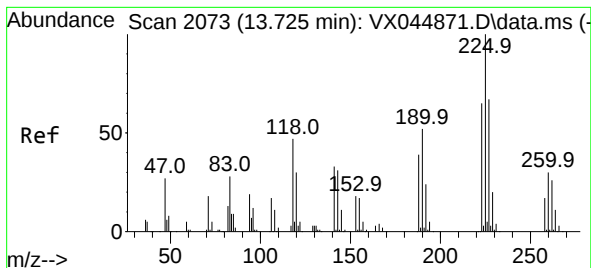


#93
 1,2,4-Trichlorobenzene
 Concen: 0.321 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX044956.D
 Acq: 14 Feb 2025 13:11



Tgt Ion:180 Resp: 466
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.6 142.8
 145 29.8 16.4 49.1





#94

Hexachlorobutadiene

Concen: 0.362 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025

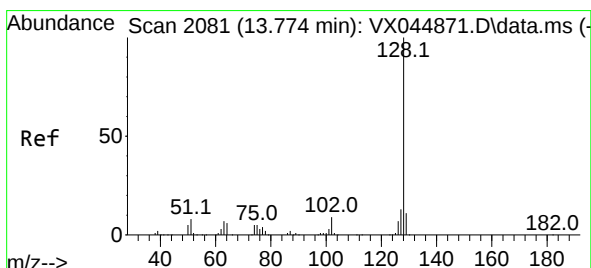
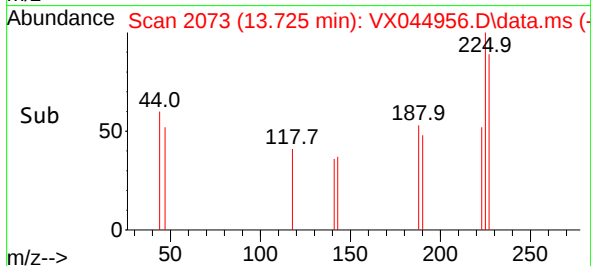
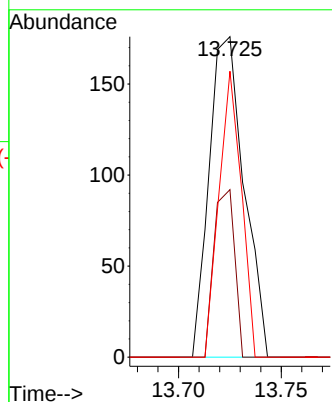
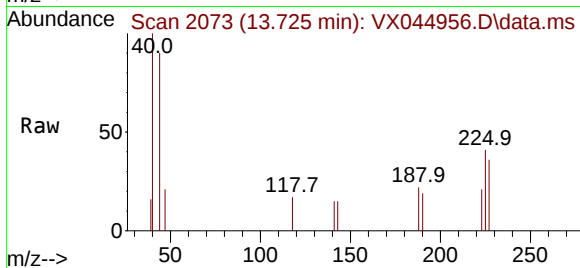
Tgt Ion:	225	Resp:	209
Ion Ratio	Lower	Upper	
225	100		
223	31.1	31.4	94.2
227	56.9	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#95

Naphthalene

Concen: 0.344 ug/l

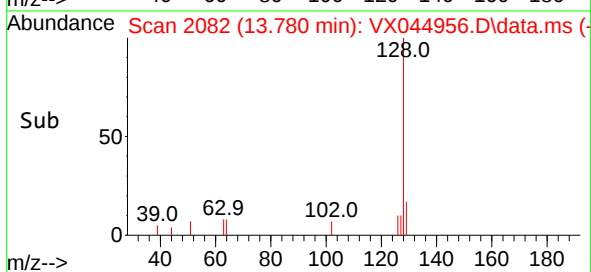
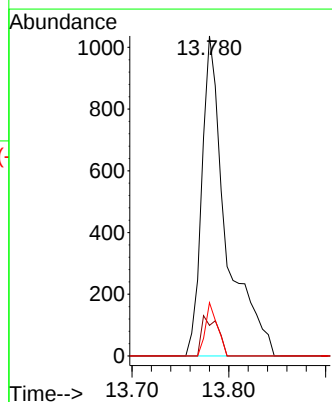
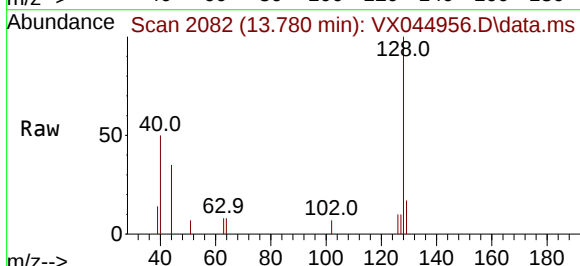
RT: 13.780 min Scan# 2082

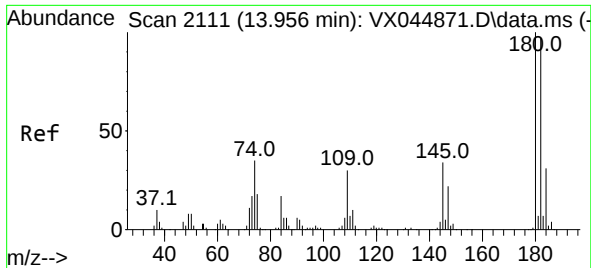
Delta R.T. 0.006 min

Lab File: VX044956.D

Acq: 14 Feb 2025 13:11

Tgt Ion:	128	Resp:	1810
Ion Ratio	Lower	Upper	
128	100		
127	8.3	10.1	15.1#
129	8.3	8.9	13.3#





#96

1,2,3-Trichlorobenzene

Concen: 0.395 ug/l

RT: 13.963 min Scan# 2111

Delta R.T. 0.006 min

Lab File: VX044956.D

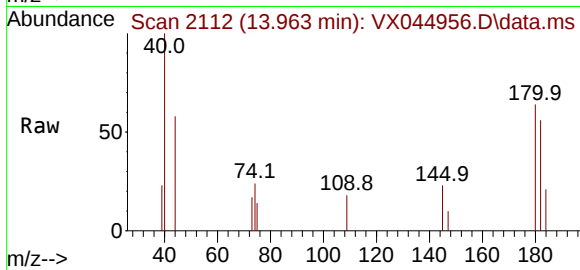
Acq: 14 Feb 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2025



Tgt Ion:180	Resp:	579
Ion Ratio	Lower	Upper
180	100	
182	83.9	47.9 143.6
145	18.1	17.1 51.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025

