

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041974.D
 Acq On : 21 Jun 2024 12:26
 Operator : JC/MD
 Sample : P2403-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Jun 22 05:58:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 22 05:57:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	169705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	252263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93091	47.570	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.140%		
35) Dibromofluoromethane	5.391	113	81519	45.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.080%		
50) Toluene-d8	8.646	98	278758	44.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.660%#		
62) 4-Bromofluorobenzene	11.079	95	100257	43.252	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	575	0.445	ug/l	83
3) Chloromethane	1.300	50	920	0.567	ug/l	# 85
4) Vinyl Chloride	1.373	62	810	0.498	ug/l	94
5) Bromomethane	1.599	94	892	1.111	ug/l	92
6) Chloroethane	1.666	64	1156m	1.412	ug/l	
7) Trichlorofluoromethane	1.873	101	1035	0.486	ug/l	97
8) Diethyl Ether	2.135	74	512	0.512	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.318	101	684	0.466	ug/l	# 79
10) Methyl Iodide	2.440	142	782	0.429	ug/l	# 81
11) Tert butyl alcohol	2.989	59	790	2.127	ug/l	# 78
12) 1,1-Dichloroethene	2.312	96	846	0.578	ug/l	# 55
13) Acrolein	2.239	56	905	2.174	ug/l	97
14) Allyl chloride	2.660	41	1115	0.480	ug/l	# 84
15) Acrylonitrile	3.074	53	2186	2.253	ug/l	94
16) Acetone	2.392	43	2739	3.188	ug/l	# 85
17) Carbon Disulfide	2.507	76	1792	0.600	ug/l	# 94
18) Methyl Acetate	2.715	43	1158	0.494	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	2106	0.436	ug/l	# 89
20) Methylene Chloride	2.794	84	1916	1.018	ug/l	# 78
21) trans-1,2-Dichloroethene	3.093	96	728	0.490	ug/l	# 63
22) Diisopropyl ether	3.763	45	2099	0.428	ug/l	# 57
23) Vinyl Acetate	3.733	43	8266	1.973	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	1299	0.473	ug/l	# 83
25) 2-Butanone	4.605	43	2798	2.093	ug/l	99
26) 2,2-Dichloropropane	4.477	77	791	0.398	ug/l	# 71
27) cis-1,2-Dichloroethene	4.501	96	819	0.440	ug/l	85
28) Bromochloromethane	4.909	49	560	0.476	ug/l	# 69
29) Tetrahydrofuran	5.043	42	1974	2.286	ug/l	# 81
30) Chloroform	5.092	83	1353	0.473	ug/l	# 67
31) Cyclohexane	5.452	56	975	0.426	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	1010	0.422	ug/l	# 49
36) 1,1-Dichloropropene	5.696	75	936	0.492	ug/l	# 83
37) Ethyl Acetate	4.751	43	1221m	0.493	ug/l	
38) Carbon Tetrachloride	5.671	117	1052	0.501	ug/l	84
39) Methylcyclohexane	7.385	83	1064	0.443	ug/l	88
40) Benzene	6.043	78	3003	0.468	ug/l	# 90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX0612124\
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 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Jun 22 05:58:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 22 05:57:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	439m	0.327	ug/l	
42) 1,2-Dichloroethane	6.098	62	1147	0.555	ug/l #	77
43) Isopropyl Acetate	6.360	43	1471	0.387	ug/l #	87
44) Trichloroethene	7.135	130	1303	0.758	ug/l	70
45) 1,2-Dichloropropane	7.446	63	744	0.472	ug/l #	81
46) Dibromomethane	7.598	93	473	0.412	ug/l #	69
47) Bromodichloromethane	7.842	83	865	0.410	ug/l #	86
48) Methyl methacrylate	7.726	41	706m	0.389	ug/l	
49) 1,4-Dioxane	7.695	88	163m	3.717	ug/l	
51) 4-Methyl-2-Pentanone	8.579	43	4862	1.857	ug/l	100
52) Toluene	8.726	92	1760	0.431	ug/l	99
53) t-1,3-Dichloropropene	8.994	75	710	0.344	ug/l	93
54) cis-1,3-Dichloropropene	8.378	75	817	0.354	ug/l #	77
55) 1,1,2-Trichloroethane	9.159	97	750	0.441	ug/l #	71
56) Ethyl methacrylate	9.134	69	776	0.293	ug/l	88
57) 1,3-Dichloropropane	9.323	76	1238	0.451	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.256	63	2582	2.094	ug/l	99
59) 2-Hexanone	9.445	43	3735	1.863	ug/l	96
60) Dibromochloromethane	9.524	129	702	0.380	ug/l	91
61) 1,2-Dibromoethane	9.616	107	624	0.354	ug/l	89
64) Tetrachloroethene	9.281	164	769	0.476	ug/l	96
65) Chlorobenzene	10.079	112	2156	0.468	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	696	0.431	ug/l #	65
67) Ethyl Benzene	10.201	91	3057	0.423	ug/l	92
68) m/p-Xylenes	10.305	106	2423	0.831	ug/l	92
69) o-Xylene	10.646	106	1096	0.380	ug/l	95
70) Styrene	10.664	104	1854	0.383	ug/l #	86
71) Bromoform	10.805	173	602	0.417	ug/l #	98
73) Isopropylbenzene	10.963	105	2740	0.434	ug/l	99
74) N-amyl acetate	10.853	43	901	0.321	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	1172	0.499	ug/l #	96
76) 1,2,3-Trichloropropane	11.244	75	1106m	0.587	ug/l	
77) Bromobenzene	11.201	156	1003	0.533	ug/l	77
78) n-propylbenzene	11.305	91	2985	0.436	ug/l	99
79) 2-Chlorotoluene	11.366	91	2279	0.516	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2394	0.455	ug/l	96
82) 4-Chlorotoluene	11.463	91	2336	0.479	ug/l	95
83) tert-Butylbenzene	11.719	119	2738	0.474	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	2376	0.450	ug/l	99
85) sec-Butylbenzene	11.890	105	2568	0.393	ug/l	98
86) p-Isopropyltoluene	12.012	119	2194	0.385	ug/l	86
87) 1,3-Dichlorobenzene	11.975	146	1594	0.482	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	1949m	0.575	ug/l	
89) n-Butylbenzene	12.335	91	1719	0.392	ug/l	91
90) Hexachloroethane	12.542	117	371	0.382	ug/l #	38
91) 1,2-Dichlorobenzene	12.341	146	1620	0.479	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	190	0.408	ug/l #	60
93) 1,2,4-Trichlorobenzene	13.591	180	884	0.399	ug/l	94
94) Hexachlorobutadiene	13.719	225	670	0.598	ug/l	74
95) Naphthalene	13.780	128	2761	0.404	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	1117	0.478	ug/l	80

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Quant Title : SW846 8260
QLast Update : Sat Jun 22 05:57:20 2024
Response via : Initial Calibration

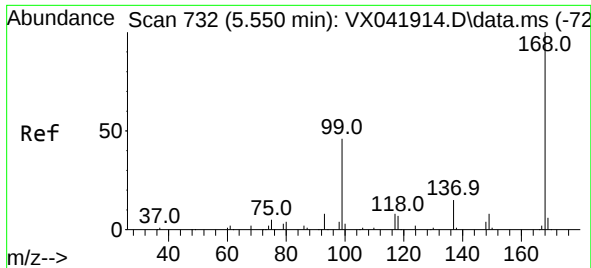
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

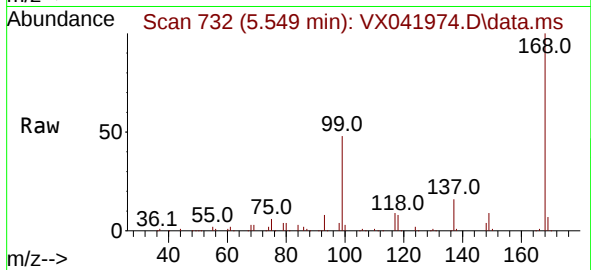
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

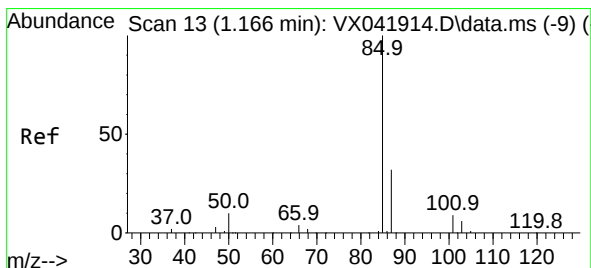
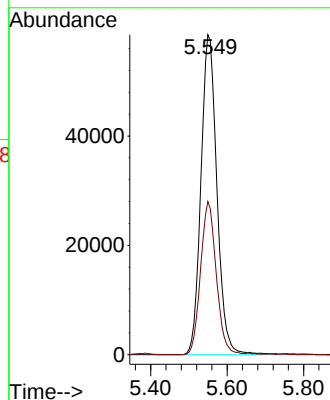
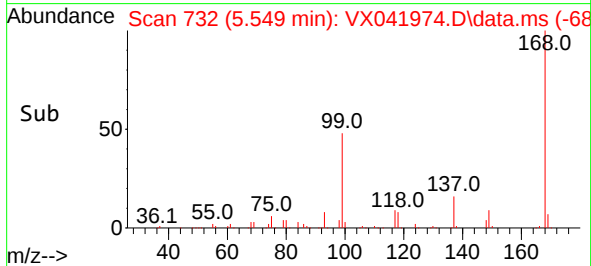
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:168 Resp: 16970
Ion Ratio Lower Upper
168 100
99 47.8 56.6 85.0

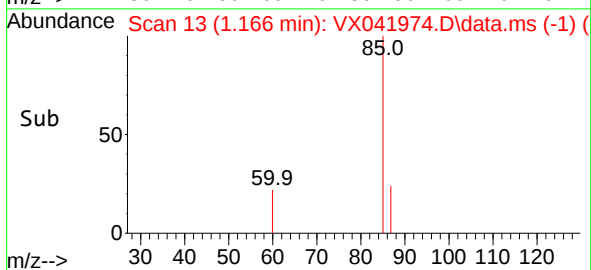
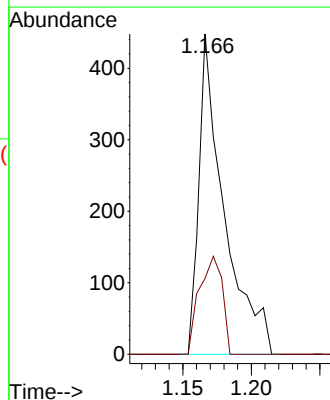
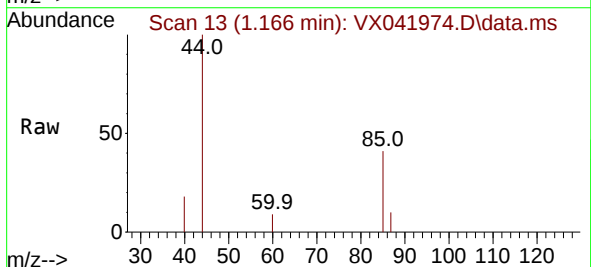
Manual Integrations
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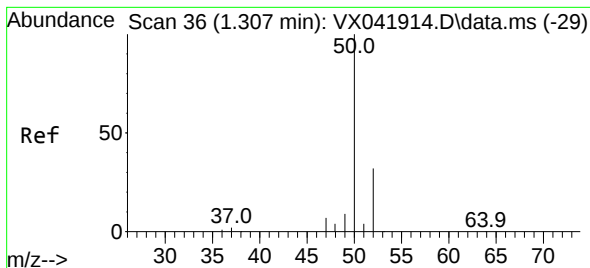
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#2
Dichlorodifluoromethane
Concen: 0.445 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Tgt Ion: 85 Resp: 575
Ion Ratio Lower Upper
85 100
87 23.7 16.7 50.1





#3

Chloromethane

Concen: 0.567 ug/l

RT: 1.300 min Scan# 36

Delta R.T. -0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

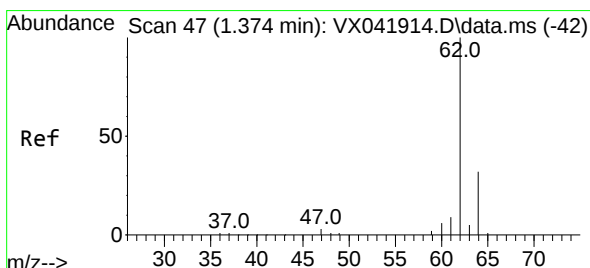
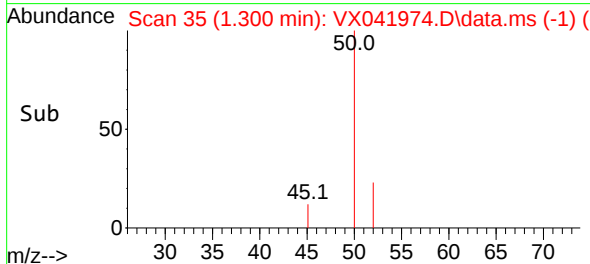
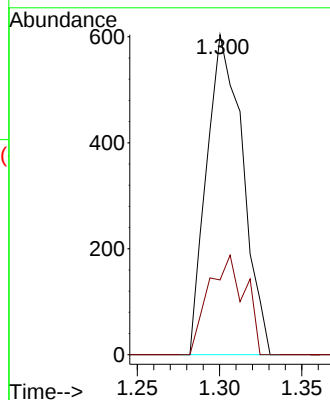
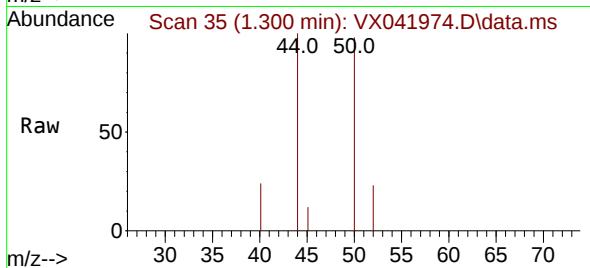
Tgt Ion: 50 Resp: 920
 Ion Ratio Lower Upper
 50 100
 52 23.3 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#4

Vinyl Chloride

Concen: 0.498 ug/l

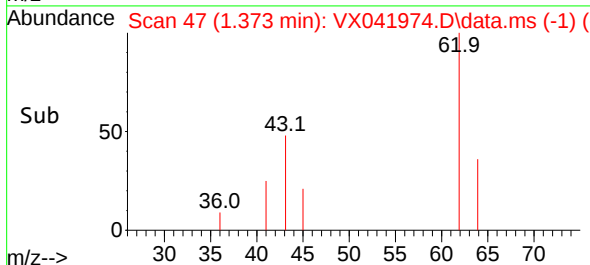
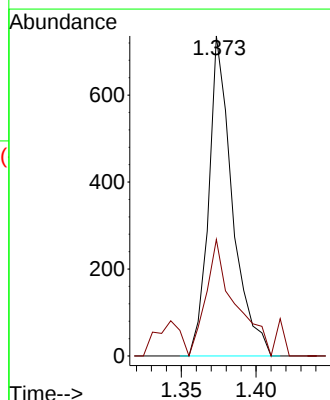
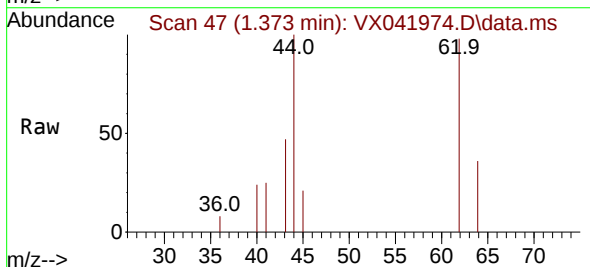
RT: 1.373 min Scan# 47

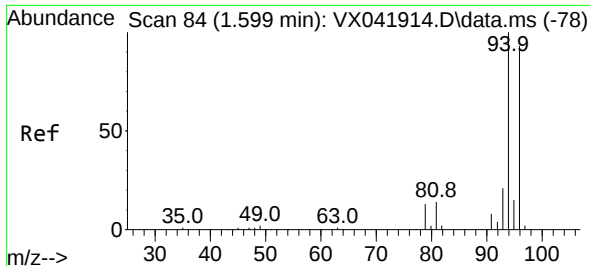
Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

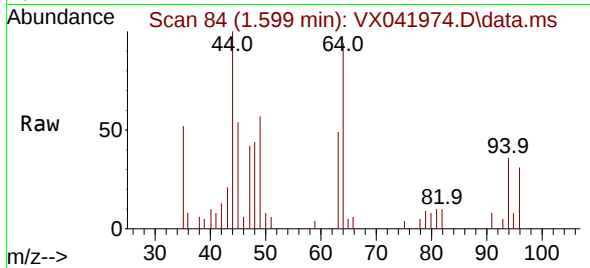
Tgt Ion: 62 Resp: 810
 Ion Ratio Lower Upper
 62 100
 64 28.4 25.4 38.0





#5
Bromomethane
Concen: 1.111 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

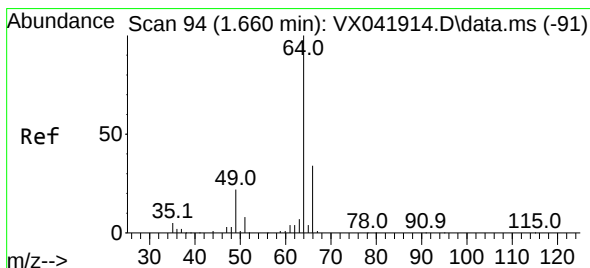
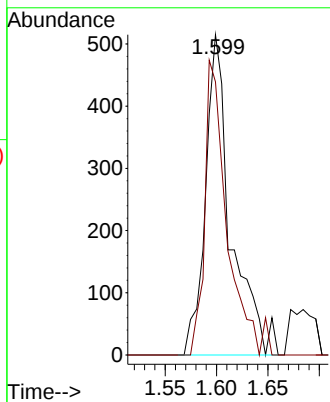
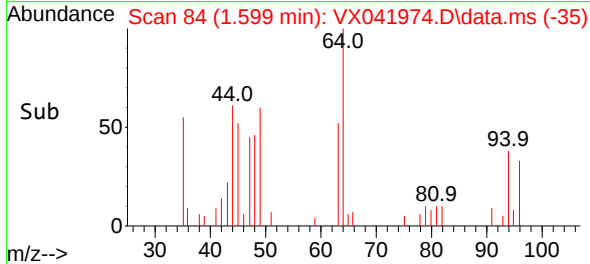
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 94 Resp: 892
Ion Ratio Lower Upper
94 100
96 85.2 74.6 111.8

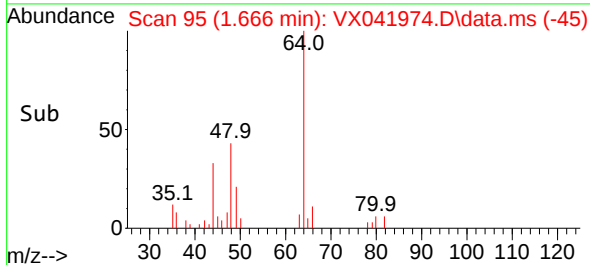
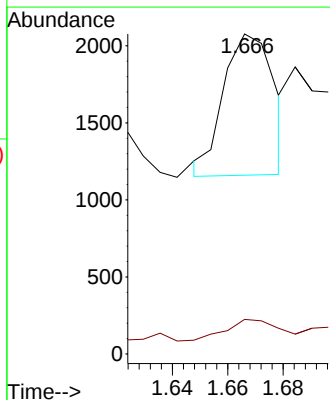
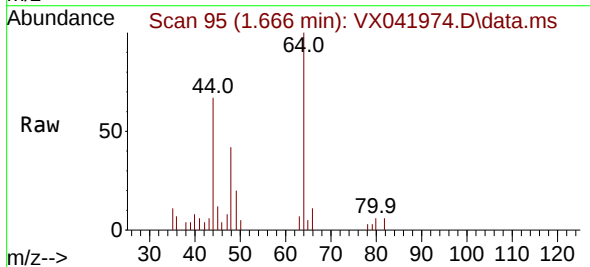
Manual Integrations
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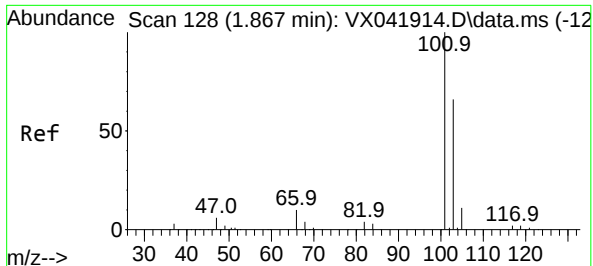
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#6
Chloroethane
Concen: 1.412 ug/l m
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

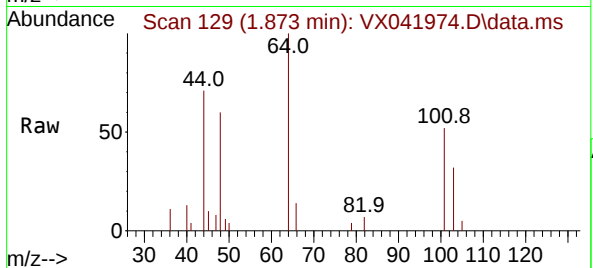
Tgt Ion: 64 Resp: 1156
Ion Ratio Lower Upper
64 100
66 10.8 25.1 37.7#





#7
Trichlorofluoromethane
Concen: 0.486 ug/l
RT: 1.873 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

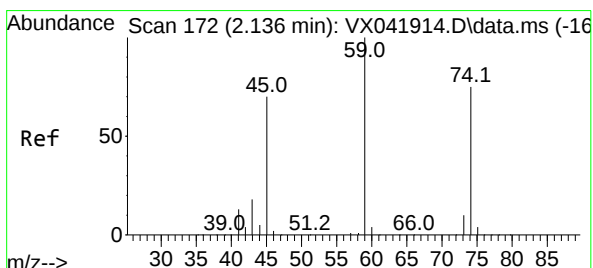
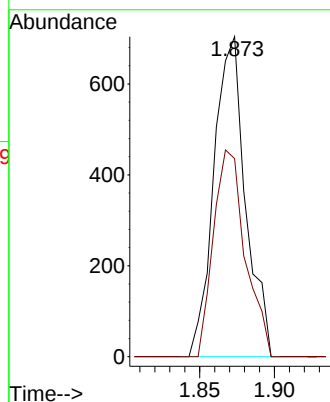
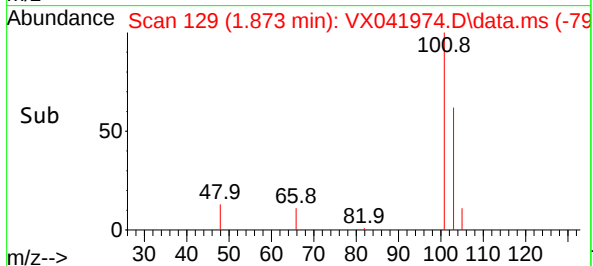
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



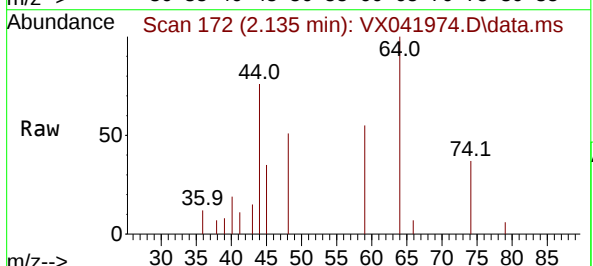
Tgt Ion:101 Resp: 103
Ion Ratio Lower Upper
101 100
103 61.9 51.4 77.2

Manual Integrations
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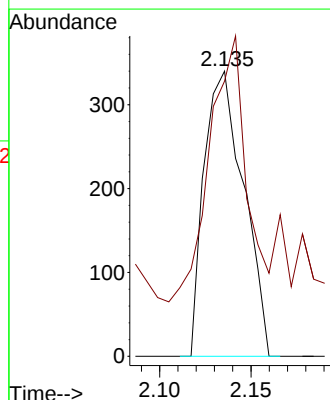
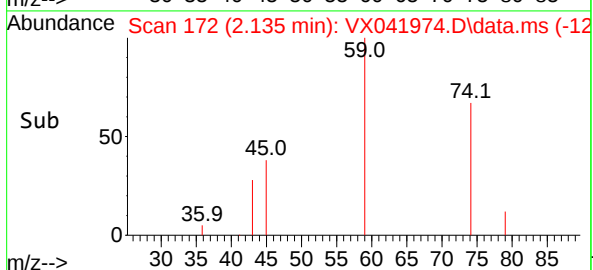
Reviewed By :John Carlone 06/24/2024
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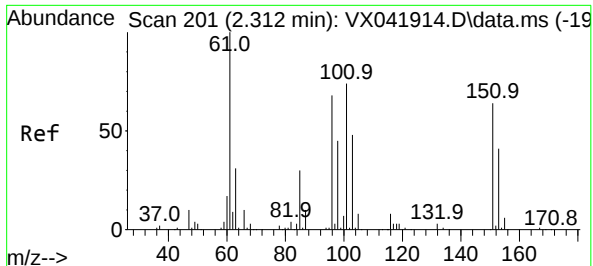


#8
Diethyl Ether
Concen: 0.512 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26



Tgt Ion: 74 Resp: 512
Ion Ratio Lower Upper
74 100
45 89.6 53.3 159.8





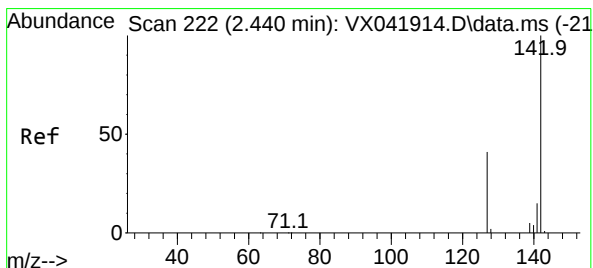
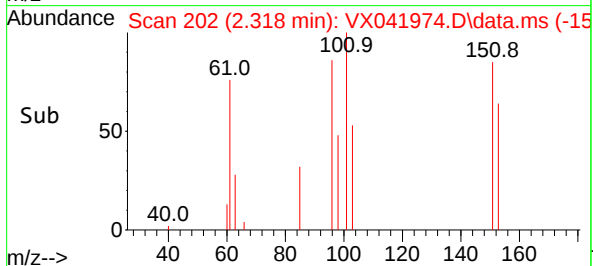
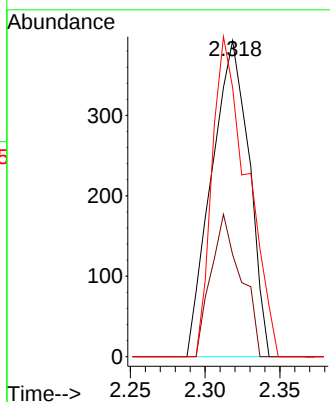
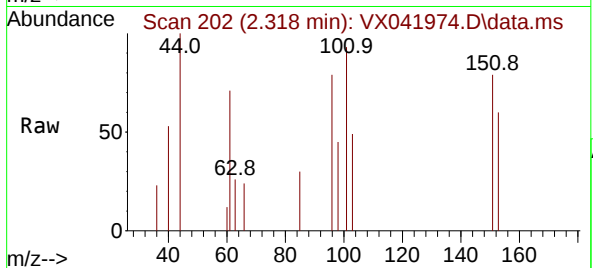
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.466 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:101 Resp: 684
Ion Ratio Lower Upper
101 100
85 36.3 37.0 55.6
151 94.6 58.6 87.8

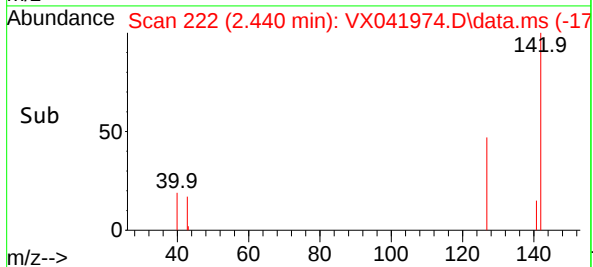
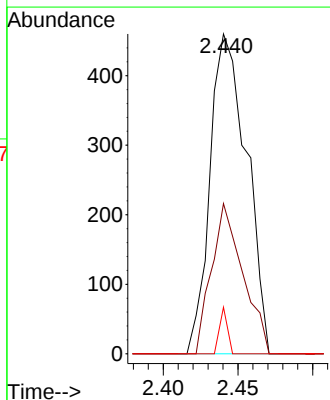
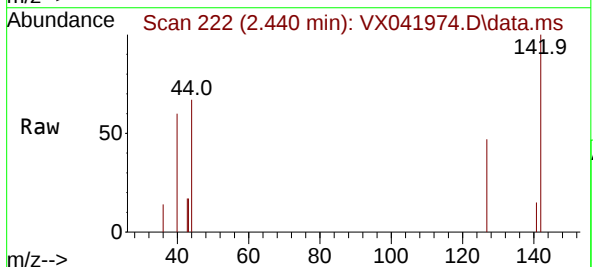
Manual Integrations
APPROVED

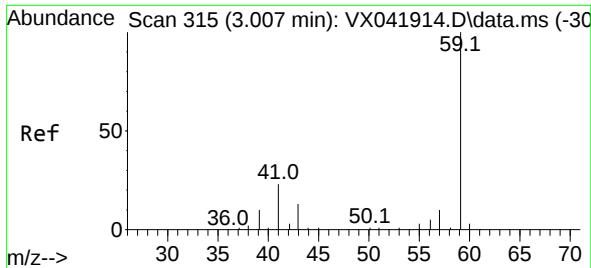
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#10
Methyl Iodide
Concen: 0.429 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Tgt Ion:142 Resp: 782
Ion Ratio Lower Upper
142 100
127 40.3 41.6 62.4#
141 3.2 11.6 17.4#





#11

Tert butyl alcohol

Concen: 2.127 ug/l

RT: 2.989 min Scan# 315

Delta R.T. -0.018 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

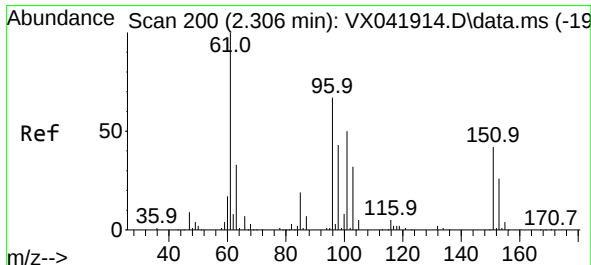
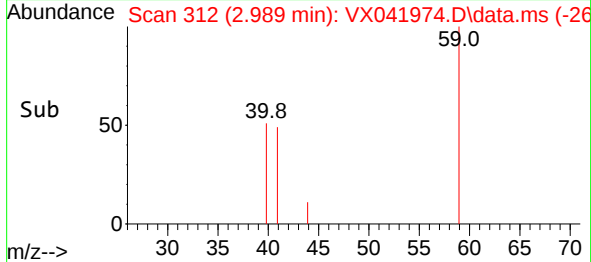
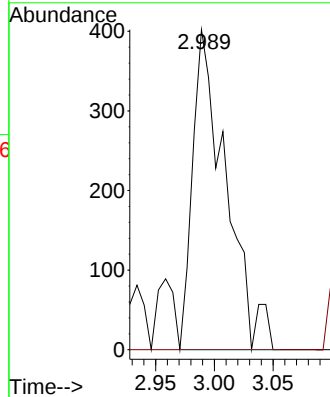
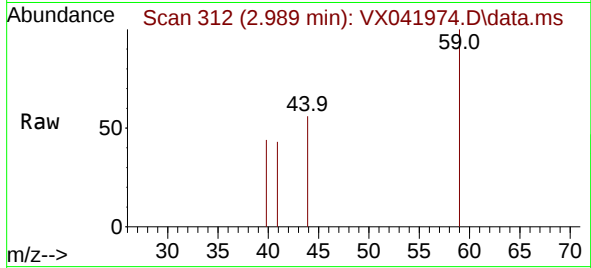
Tgt Ion: 59 Resp: 790
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#12

1,1-Dichloroethene

Concen: 0.578 ug/l

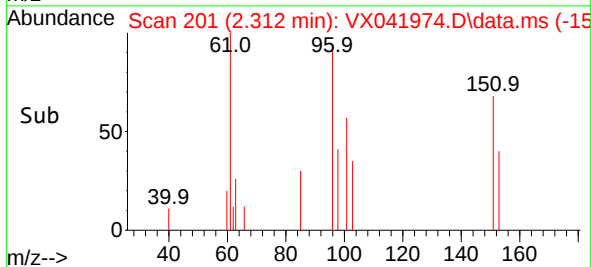
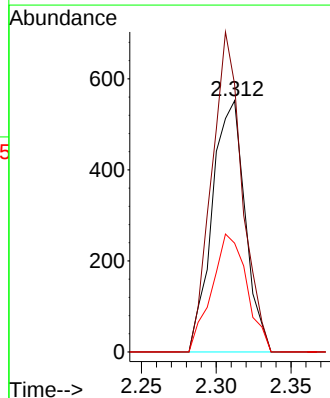
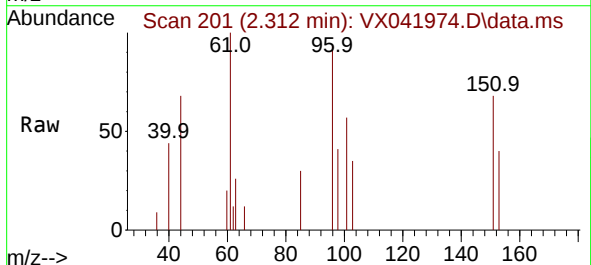
RT: 2.312 min Scan# 201

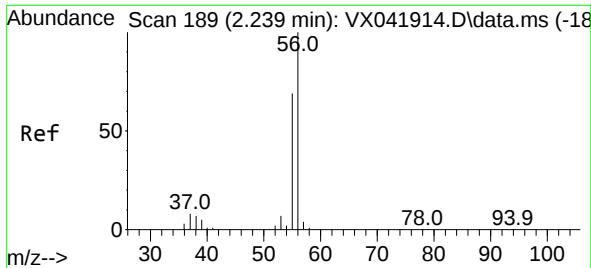
Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion: 96 Resp: 846
 Ion Ratio Lower Upper
 96 100
 61 106.5 144.6 216.8#
 98 43.3 50.4 75.6#





#13

Acrolein

Concen: 2.174 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

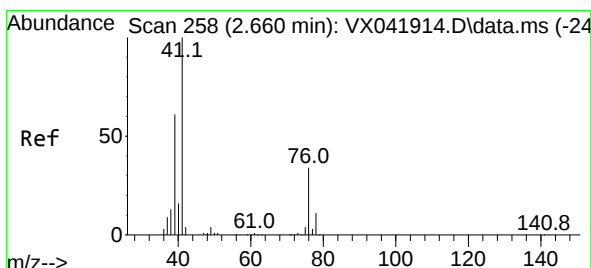
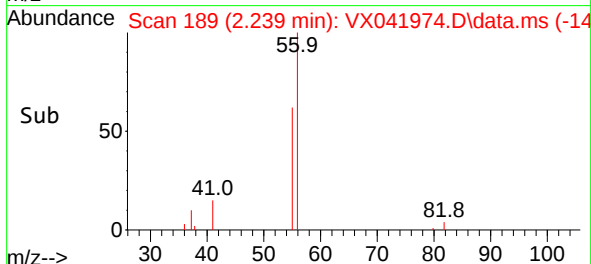
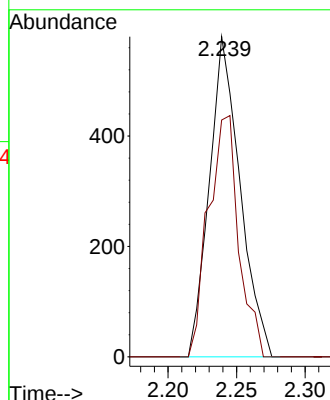
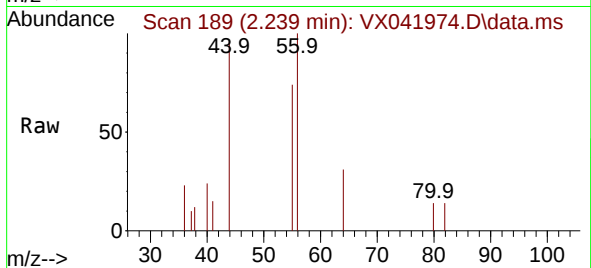
Tgt Ion: 56 Resp: 905
 Ion Ratio Lower Upper
 56 100
 55 74.1 57.1 85.7

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#14

Allyl chloride

Concen: 0.480 ug/l

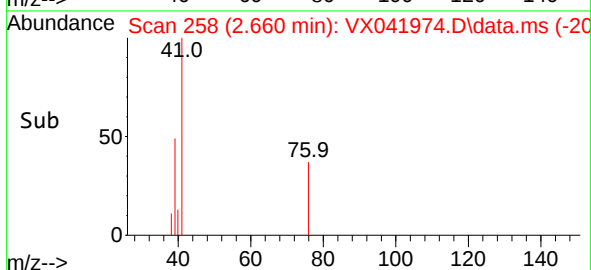
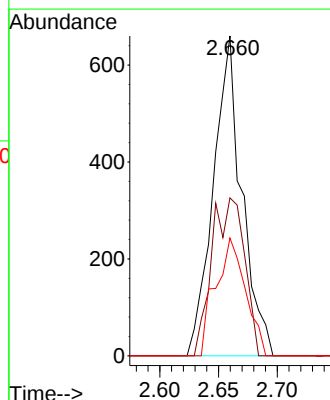
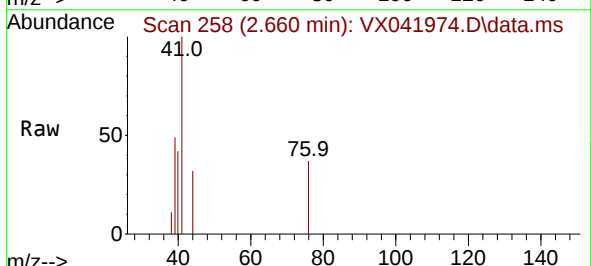
RT: 2.660 min Scan# 258

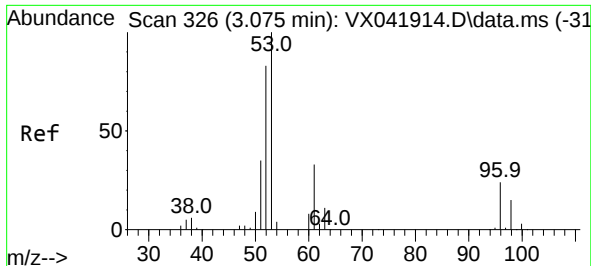
Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion: 41 Resp: 1115
 Ion Ratio Lower Upper
 41 100
 39 56.5 55.8 83.6
 76 38.7 24.3 36.5





#15

Acrylonitrile

Concen: 2.253 ug/l

RT: 3.074 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX041974.D

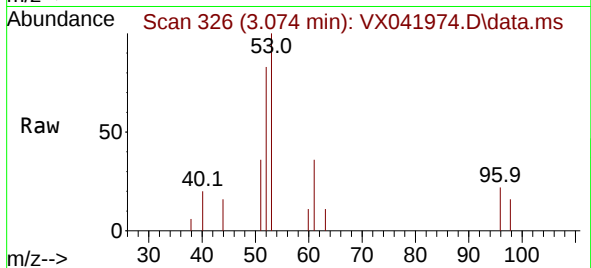
Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024



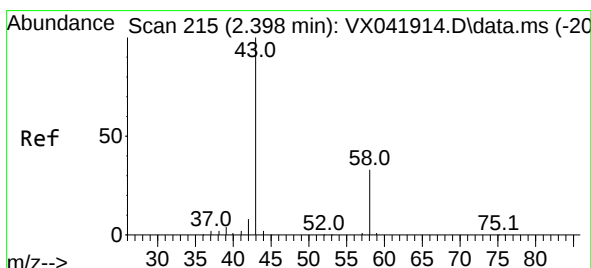
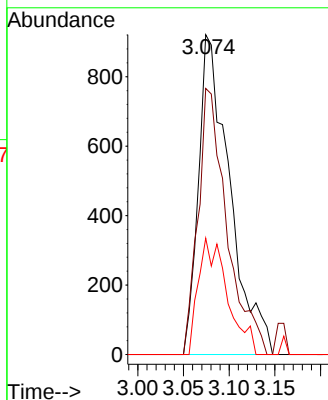
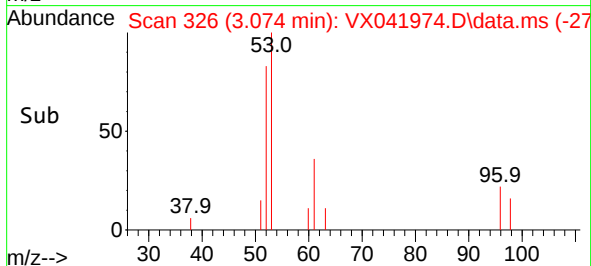
Tgt Ion:	53	Resp:	2180
Ion	Ratio	Lower	Upper
53	100		
52	76.9	66.0	99.0
51	33.9	29.8	44.6

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#16

Acetone

Concen: 3.188 ug/l

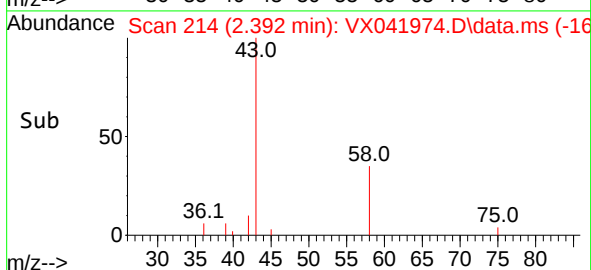
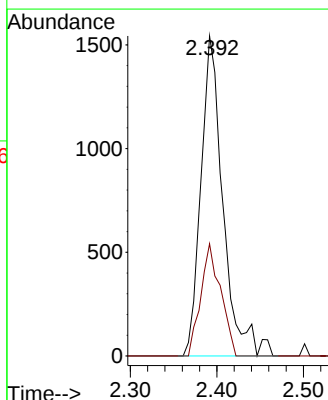
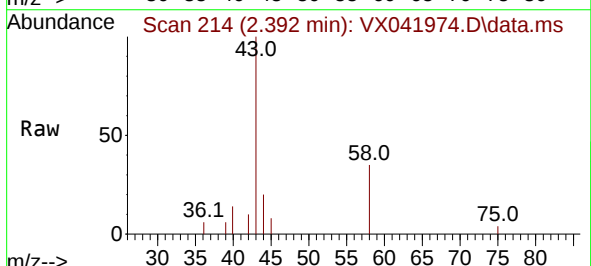
RT: 2.392 min Scan# 214

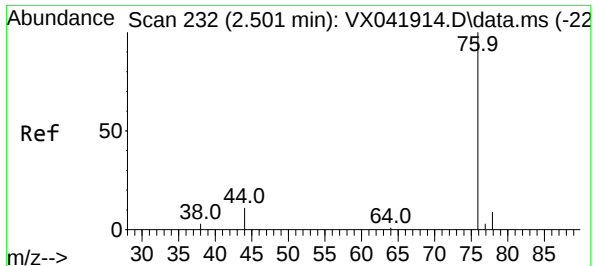
Delta R.T. -0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion:	43	Resp:	2739
Ion	Ratio	Lower	Upper
43	100		
58	35.1	21.9	32.9





#17

Carbon Disulfide

Concen: 0.600 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

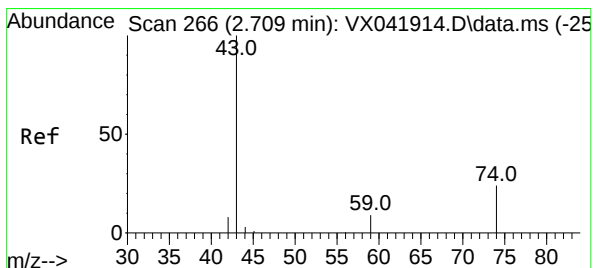
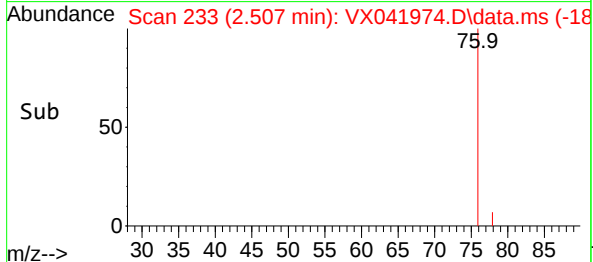
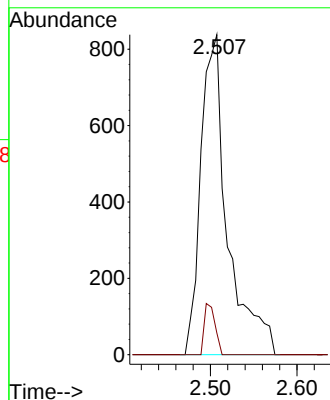
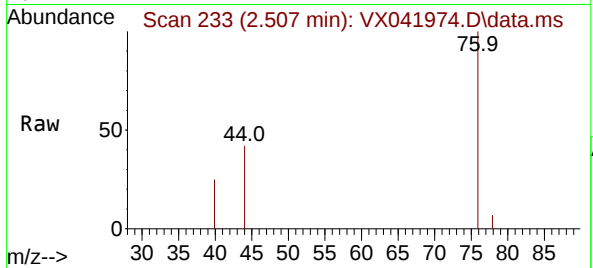
Tgt Ion: 76 Resp: 1792
 Ion Ratio Lower Upper
 76 100
 78 6.8 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#18

Methyl Acetate

Concen: 0.494 ug/l

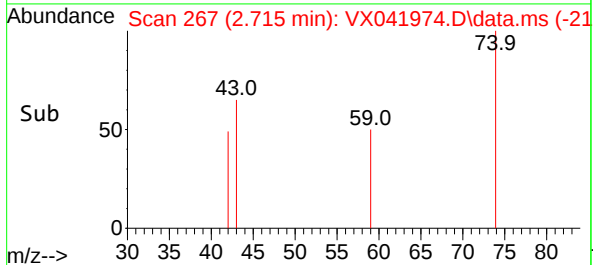
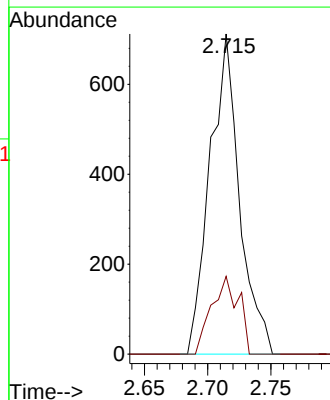
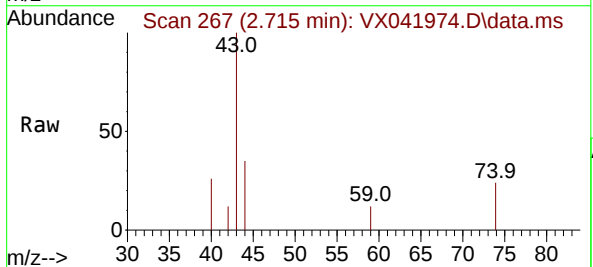
RT: 2.715 min Scan# 267

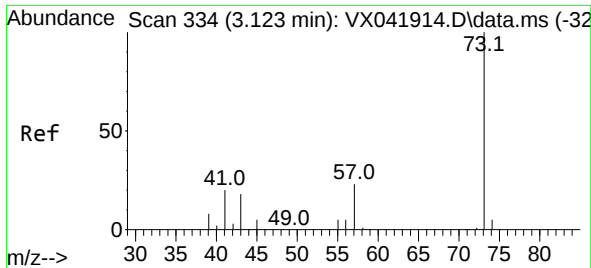
Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion: 43 Resp: 1158
 Ion Ratio Lower Upper
 43 100
 74 22.2 17.8 26.8





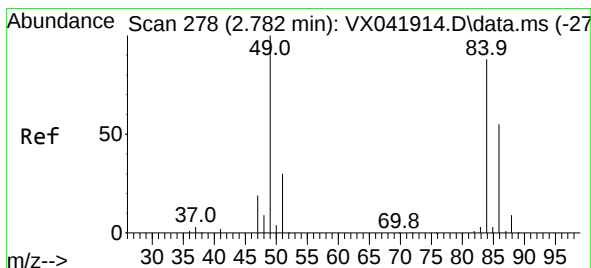
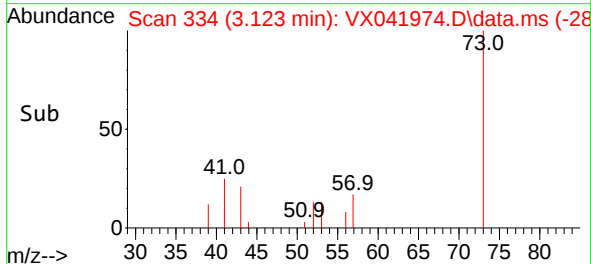
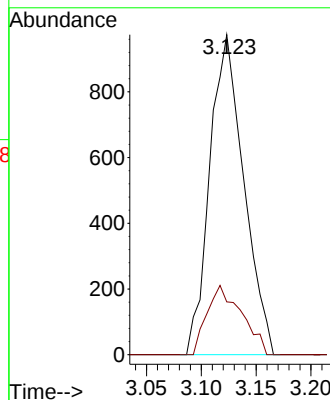
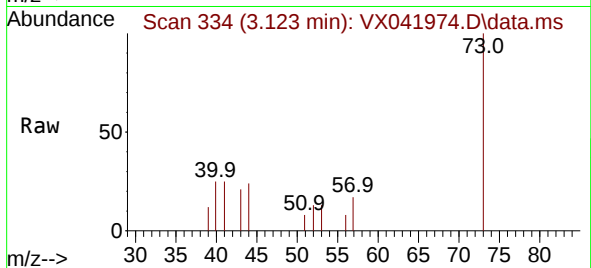
#19
Methyl tert-butyl Ether
Concen: 0.436 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 73 Resp: 2100
Ion Ratio Lower Upper
73 100
57 16.5 17.3 25.9

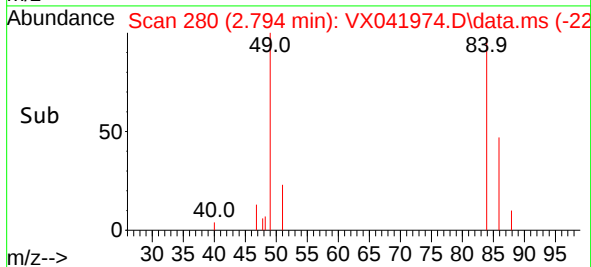
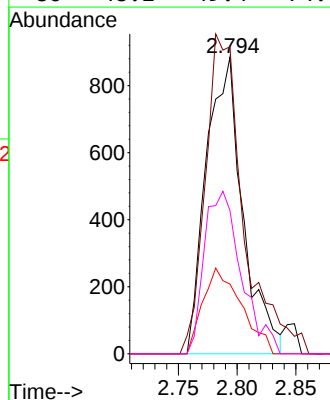
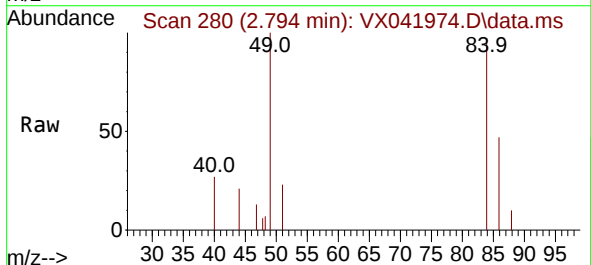
Manual Integrations
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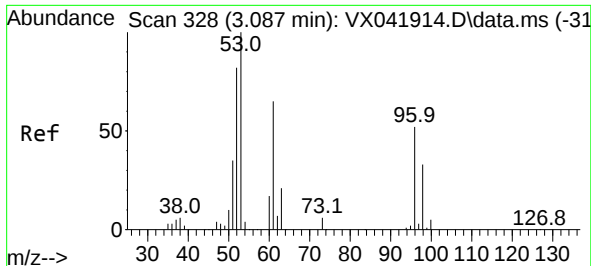
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#20
Methylene Chloride
Concen: 1.018 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

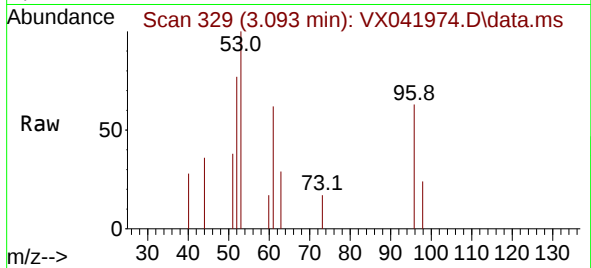
Tgt Ion: 84 Resp: 1916
Ion Ratio Lower Upper
84 100
49 103.5 103.6 155.4#
51 23.5 33.8 50.6#
86 48.2 49.4 74.0#





#21
trans-1,2-Dichloroethene
Concen: 0.490 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

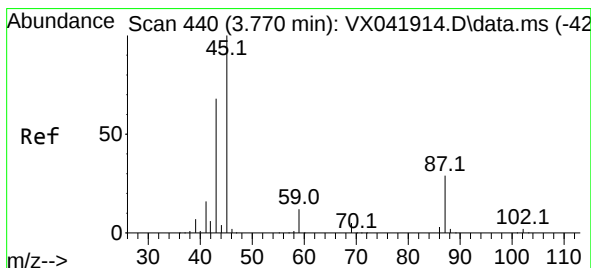
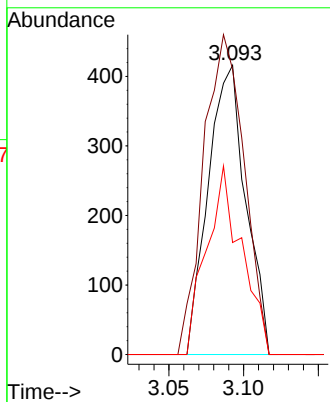
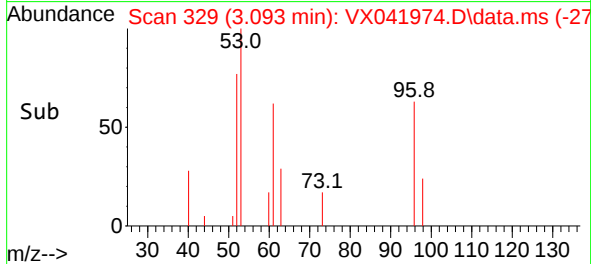
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 96 Resp: 728
Ion Ratio Lower Upper
96 100
61 98.6 119.2 178.8
98 38.7 48.7 73.1

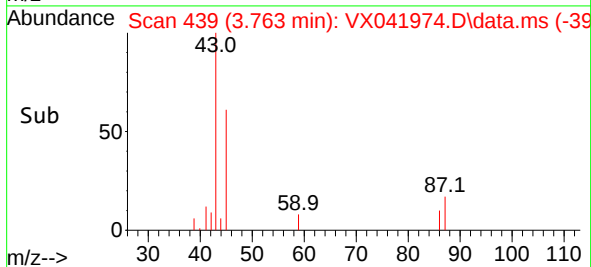
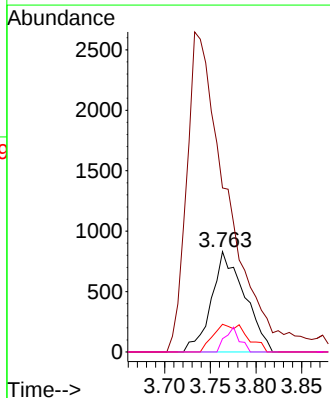
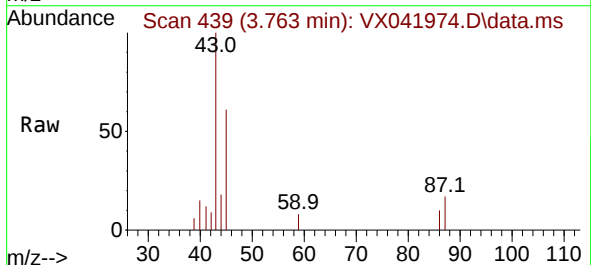
Manual Integrations
APPROVED

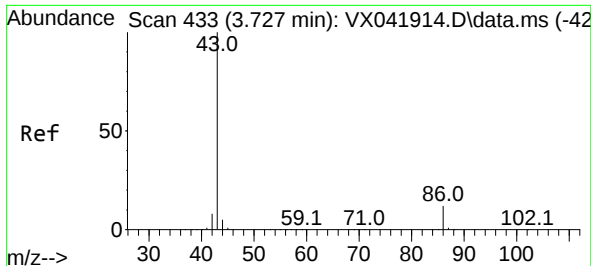
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#22
Diisopropyl ether
Concen: 0.428 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

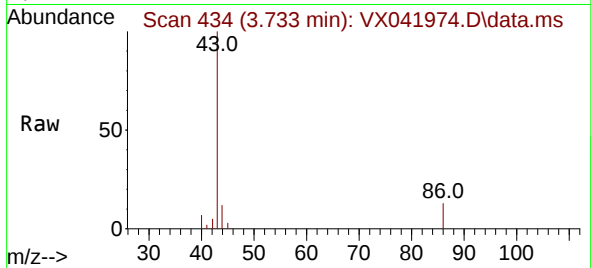
Tgt Ion: 45 Resp: 2099
Ion Ratio Lower Upper
45 100
43 142.0 69.7 104.5
87 27.6 20.8 31.2
59 13.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 1.973 ug/l
 RT: 3.733 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX041974.D
 Acq: 21 Jun 2024 12:26

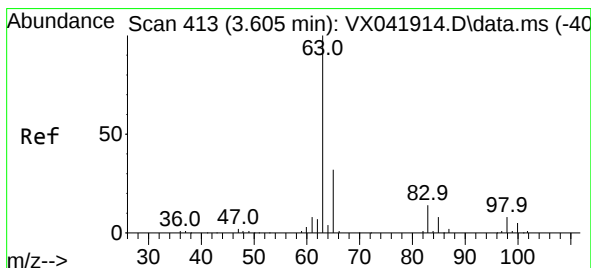
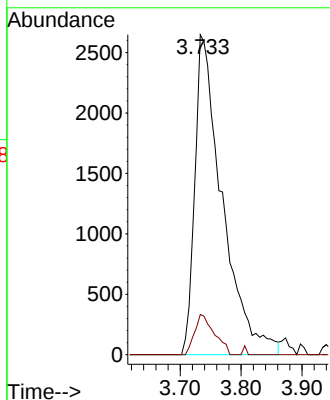
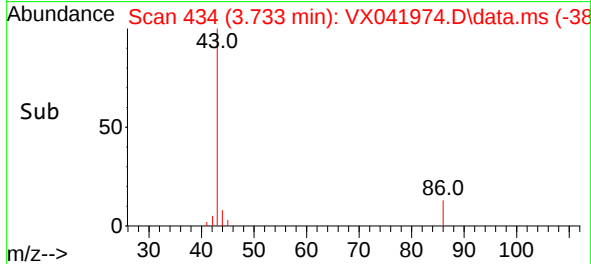
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT2-2024



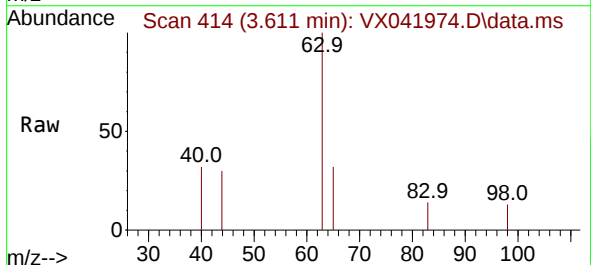
Tgt Ion: 43 Resp: 8260
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.8 11.8

Manual Integrations
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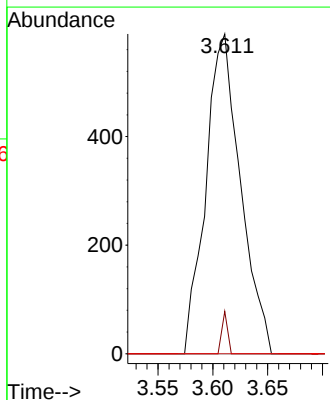
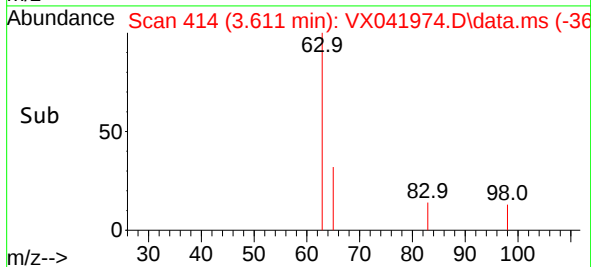
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024

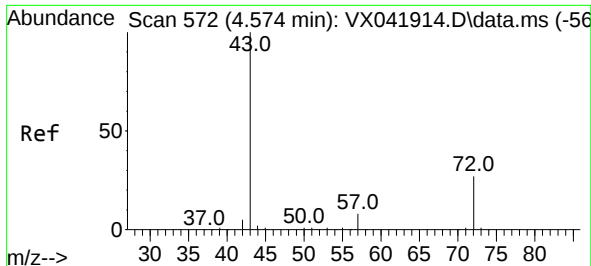


#24
 1,1-Dichloroethane
 Concen: 0.473 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX041974.D
 Acq: 21 Jun 2024 12:26



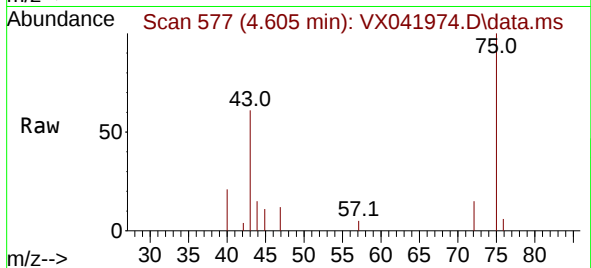
Tgt Ion: 63 Resp: 1299
 Ion Ratio Lower Upper
 63 100
 98 13.2 3.3 9.8#
 100 0.0 2.1 6.5#





#25
2-Butanone
Concen: 2.093 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

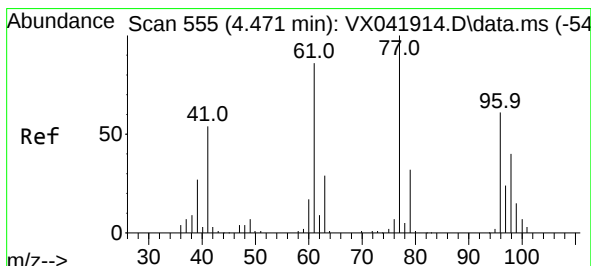
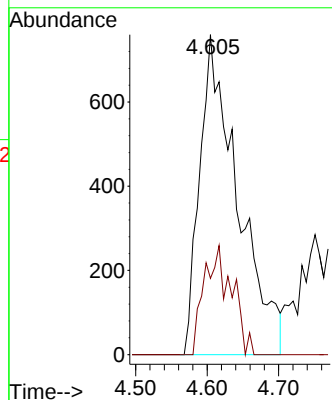
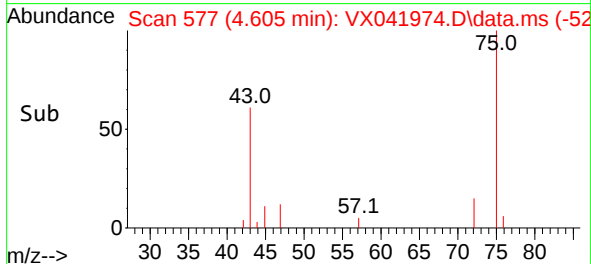
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 43 Resp: 2798
Ion Ratio Lower Upper
43 100
72 23.8 19.4 29.2

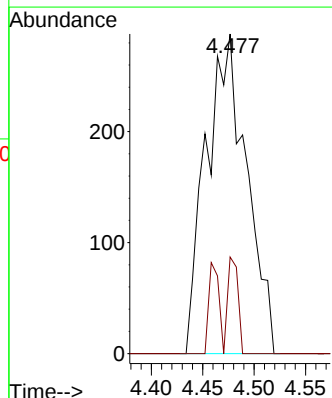
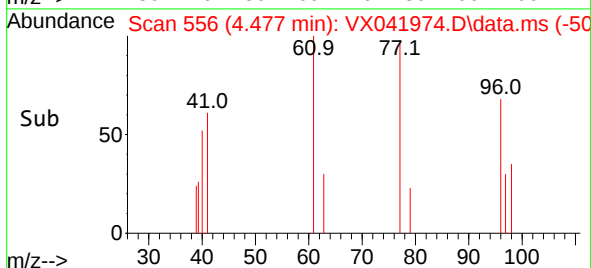
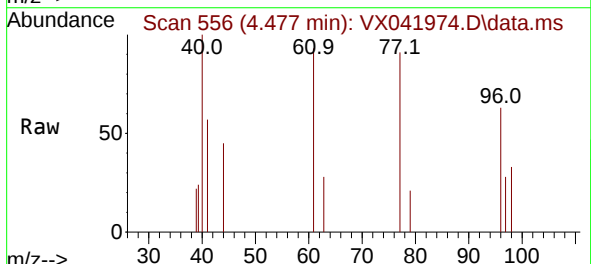
Manual Integrations
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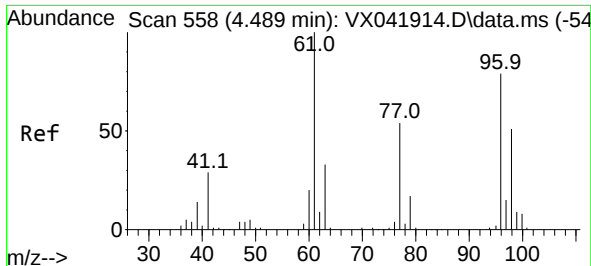
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#26
2,2-Dichloropropane
Concen: 0.398 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Tgt Ion: 77 Resp: 791
Ion Ratio Lower Upper
77 100
97 7.6 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.440 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.012 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

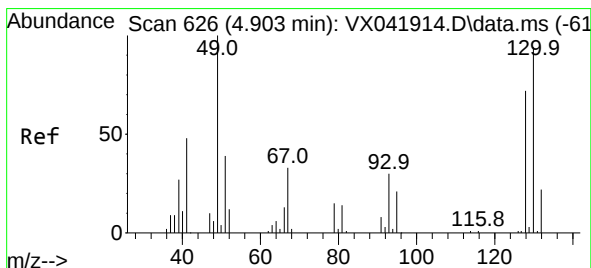
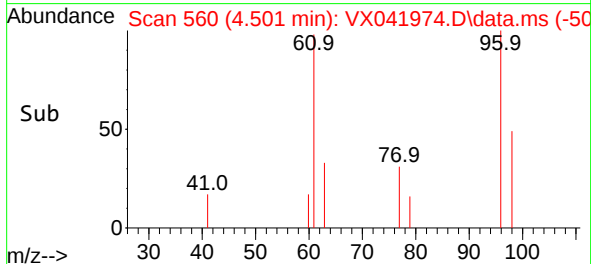
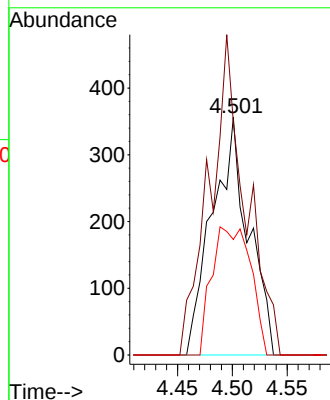
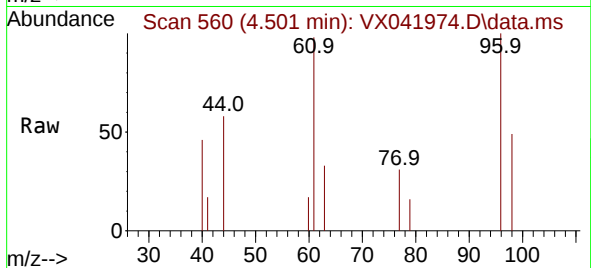
Tgt Ion: 96	Resp: 819
Ion Ratio	Lower Upper
96 100	
61 133.9	0.0 312.2
98 57.8	0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#28

Bromochloromethane

Concen: 0.476 ug/l

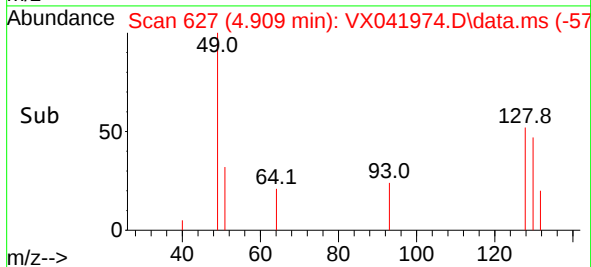
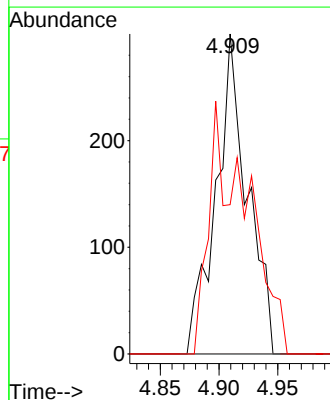
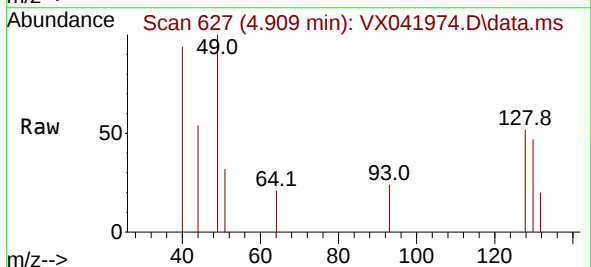
RT: 4.909 min Scan# 627

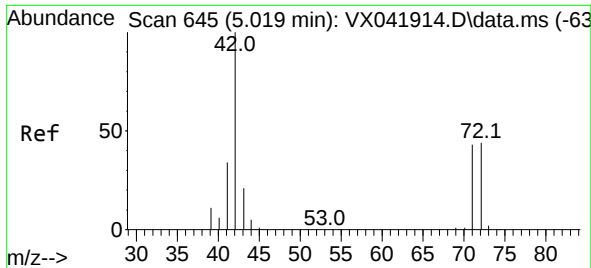
Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion: 49	Resp: 560
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 45.9	57.5 86.3





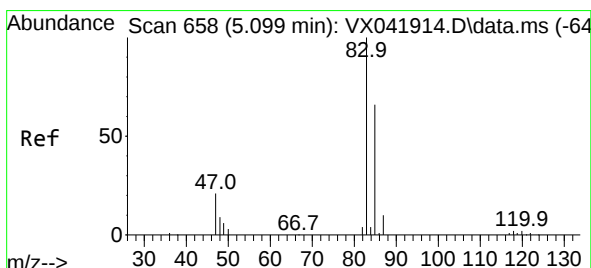
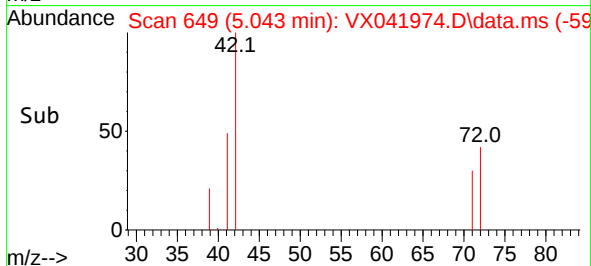
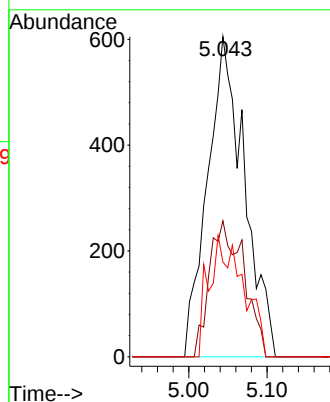
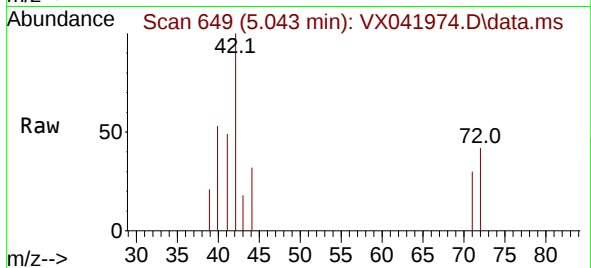
#29
Tetrahydrofuran
Concen: 2.286 ug/l
RT: 5.043 min Scan# 645
Delta R.T. 0.024 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 42 Resp: 1974
Ion Ratio Lower Upper
42 100
72 39.5 34.2 51.4
71 18.8 32.2 48.2

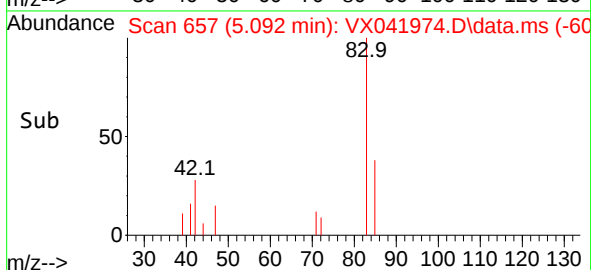
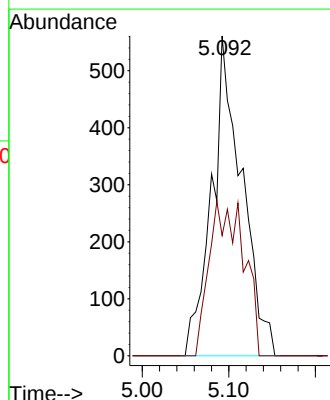
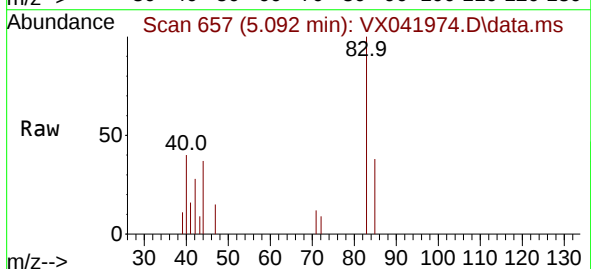
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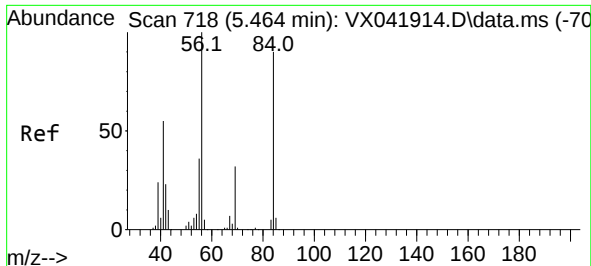
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#30
Chloroform
Concen: 0.473 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

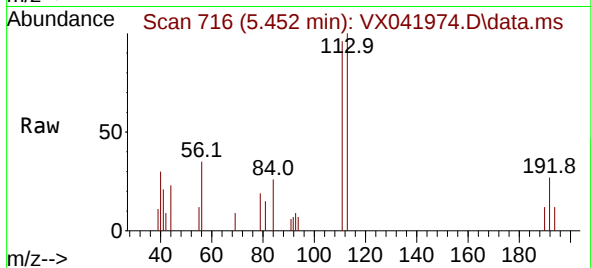
Tgt Ion: 83 Resp: 1353
Ion Ratio Lower Upper
83 100
85 37.6 50.3 75.5





#31
Cyclohexane
Concen: 0.426 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

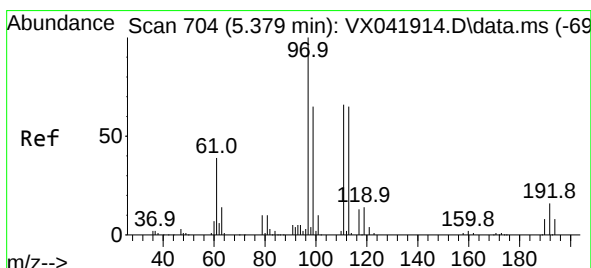
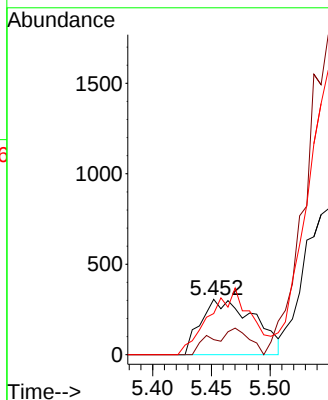
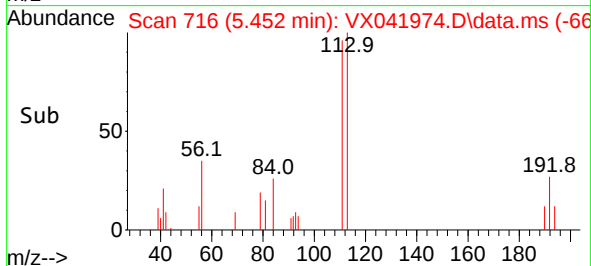
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
69 27.1 23.4 35.2
84 74.2 65.9 98.9

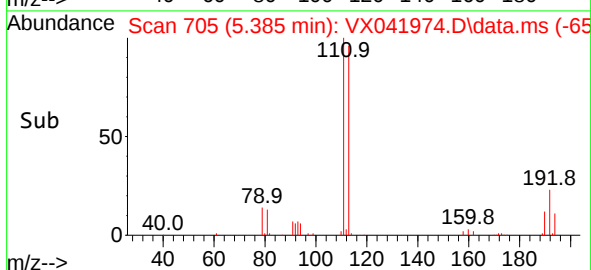
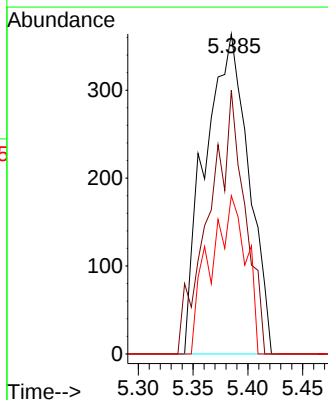
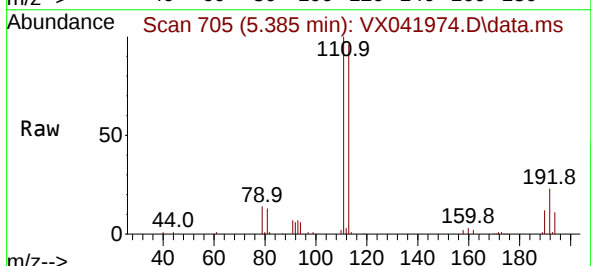
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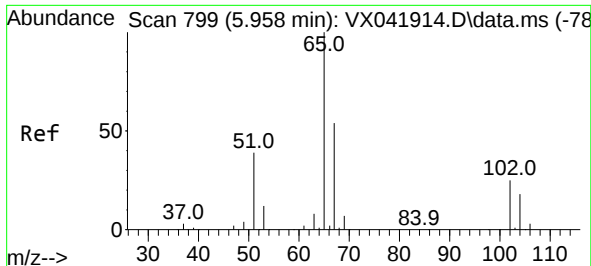
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#32
1,1,1-Trichloroethane
Concen: 0.422 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Tgt Ion: 97 Resp: 1010
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 40.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.570 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

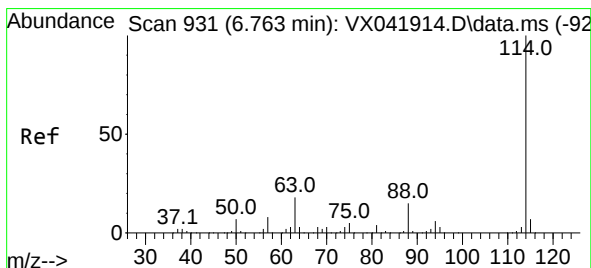
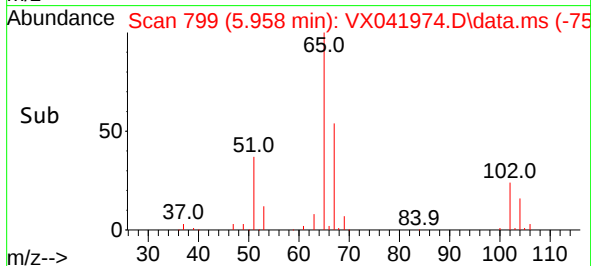
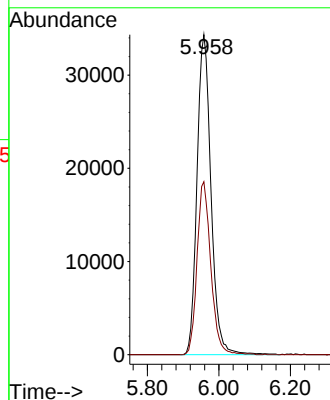
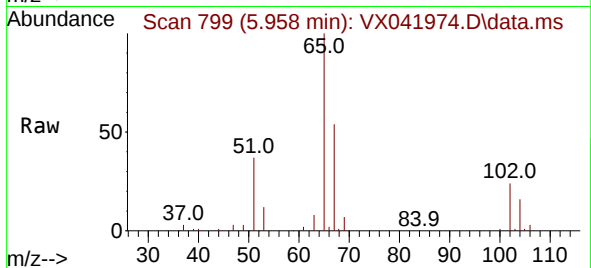
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 65 Resp: 93091
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 100.2

Manual Integrations
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Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

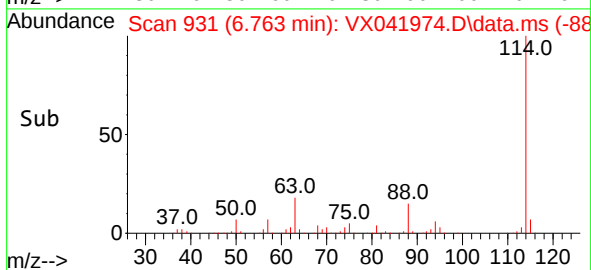
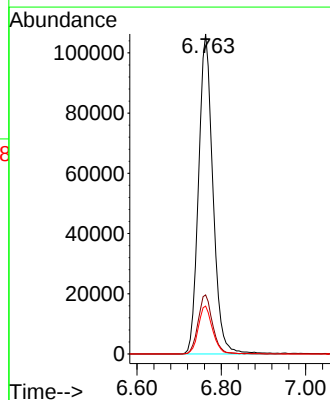
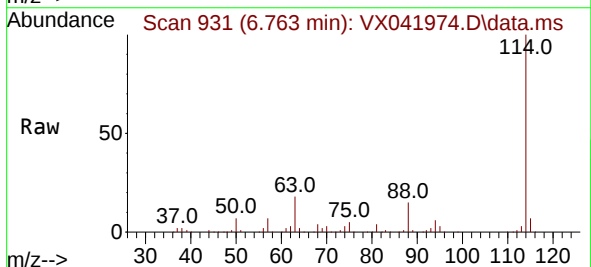
RT: 6.763 min Scan# 931

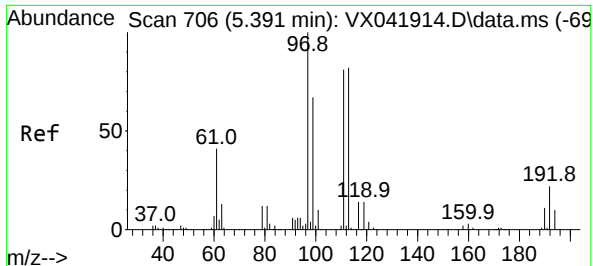
Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion:114 Resp: 252263
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 45.0
 88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.543 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 113 Resp: 81519

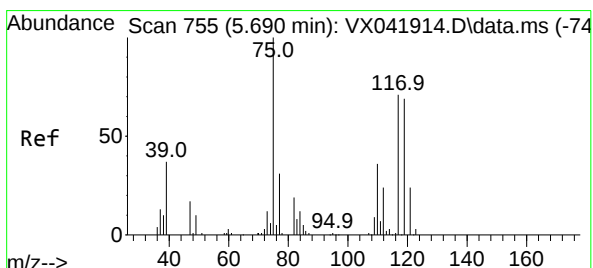
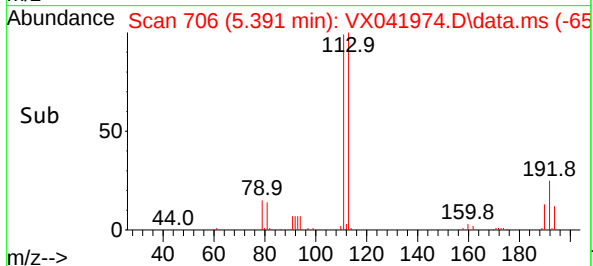
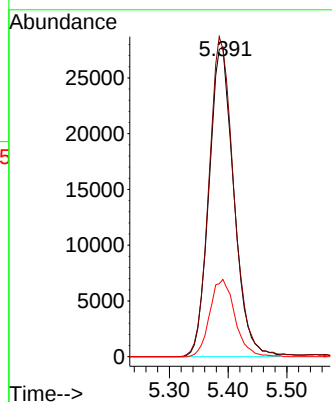
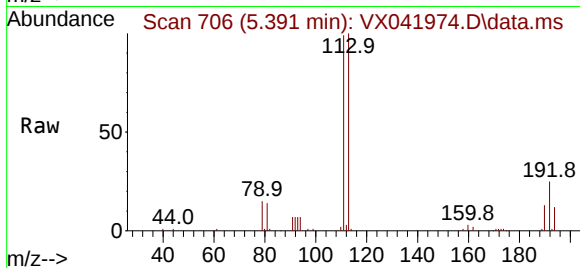
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	25.2	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#36

1,1-Dichloropropene

Concen: 0.492 ug/l

RT: 5.696 min Scan# 756

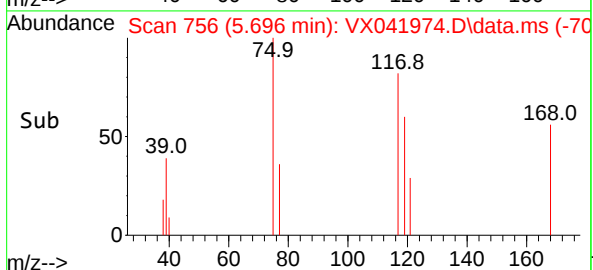
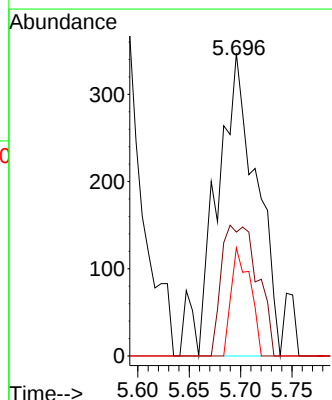
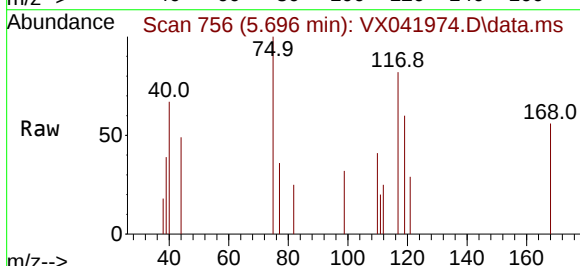
Delta R.T. 0.006 min

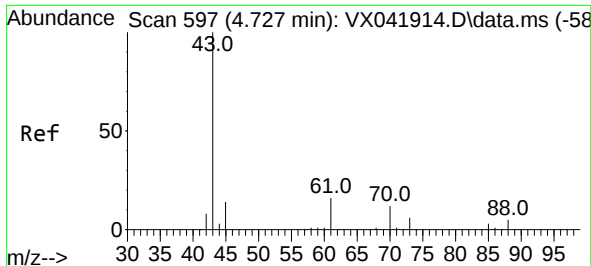
Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion: 75 Resp: 936

Ion	Ratio	Lower	Upper
75	100		
110	39.1	17.0	50.9
77	17.1	24.7	37.1





#37

Ethyl Acetate

Concen: 0.493 ug/l m

RT: 4.751 min Scan# 601

Delta R.T. 0.024 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

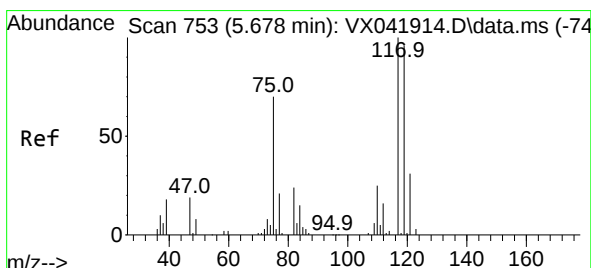
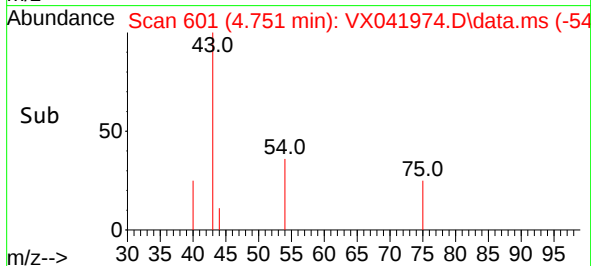
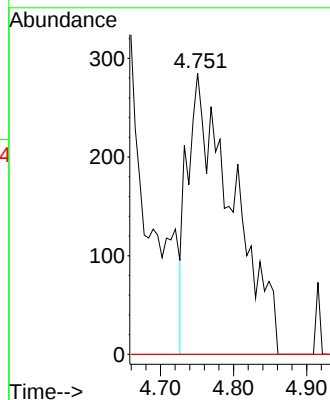
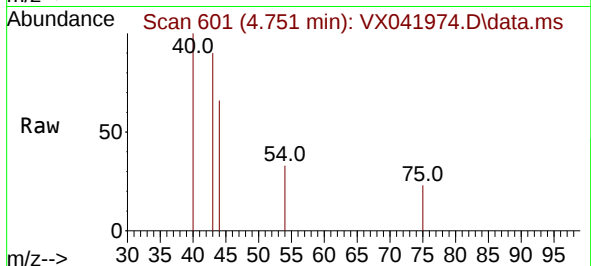
Tgt Ion: 43	Resp: 122
Ion Ratio	Lower Upper
43 100	
61 0.0	10.6 16.0
70 0.0	8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#38

Carbon Tetrachloride

Concen: 0.501 ug/l

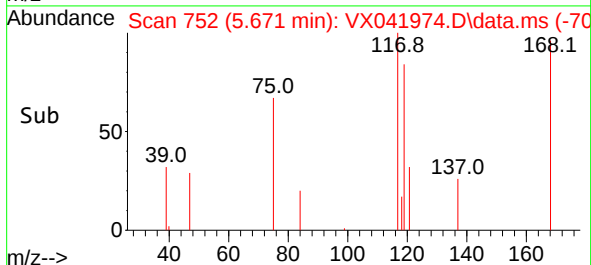
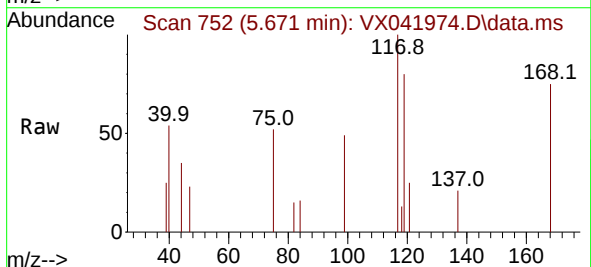
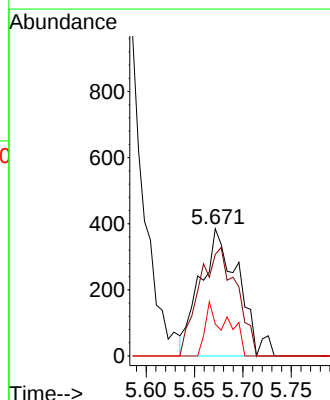
RT: 5.671 min Scan# 752

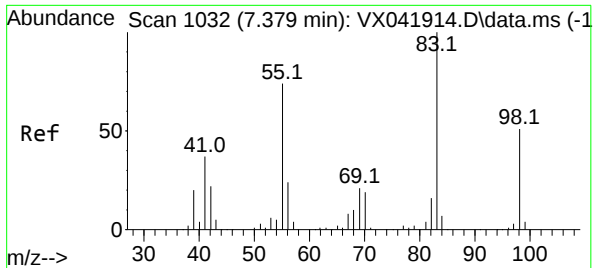
Delta R.T. -0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion: 117	Resp: 1052
Ion Ratio	Lower Upper
117 100	
119 79.7	78.2 117.2
121 25.2	24.4 36.6





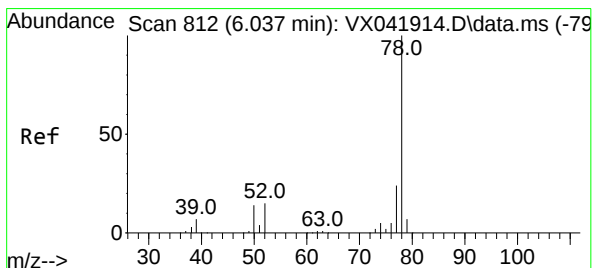
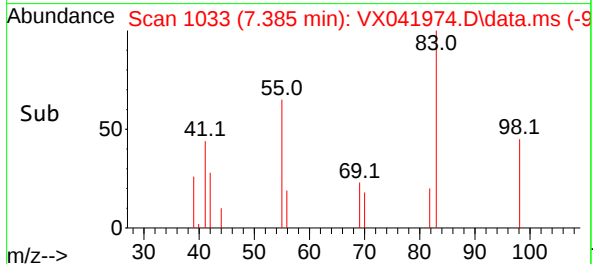
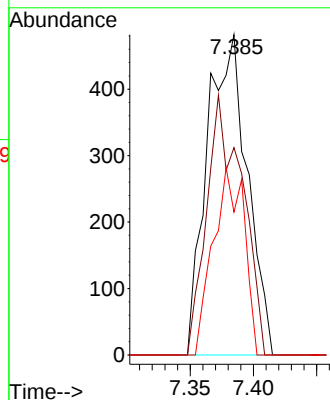
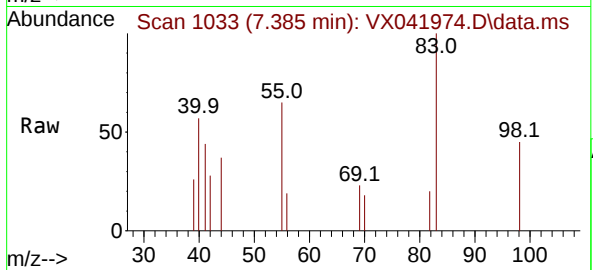
#39
Methylcyclohexane
Concen: 0.443 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 83 Resp: 1064
Ion Ratio Lower Upper
83 100
55 64.7 64.6 97.0
98 44.6 36.7 55.1

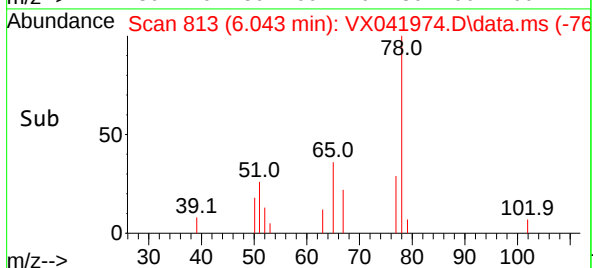
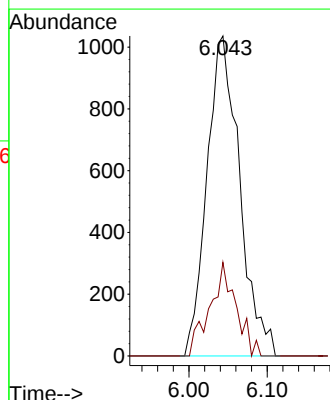
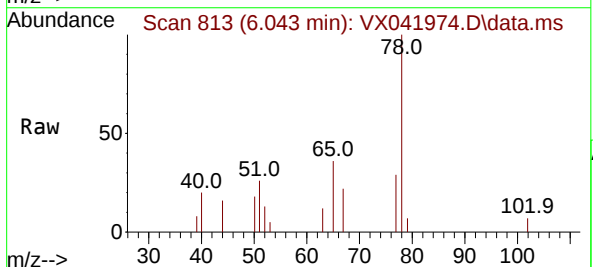
Manual Integrations
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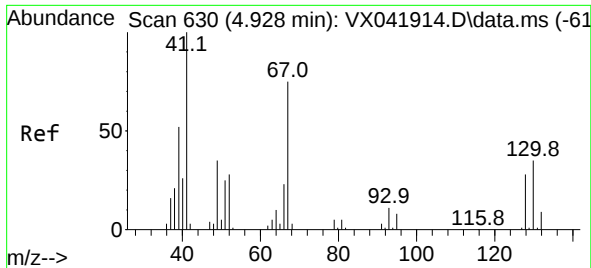
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#40
Benzene
Concen: 0.468 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

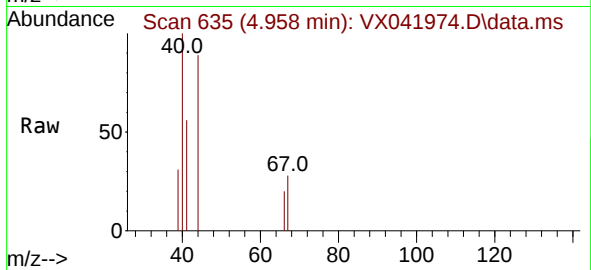
Tgt Ion: 78 Resp: 3003
Ion Ratio Lower Upper
78 100
77 29.2 19.3 28.9#





#41
Methacrylonitrile
Concen: 0.327 ug/l m
RT: 4.958 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

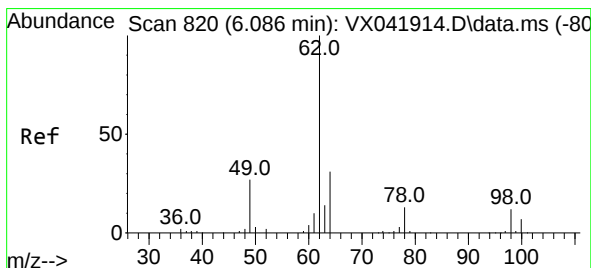
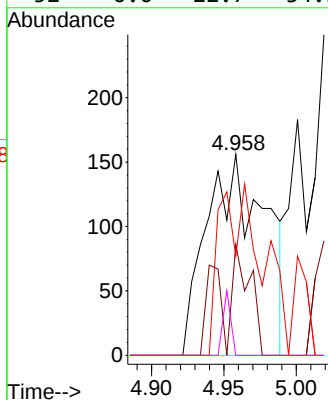
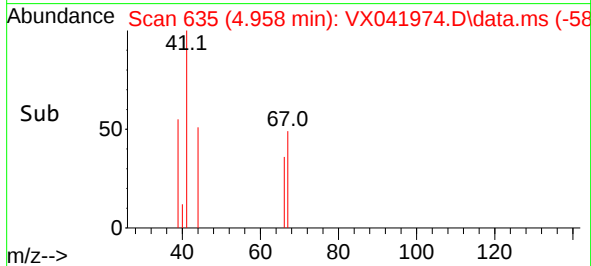
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 41 Resp: 439
Ion Ratio Lower Upper
41 100
39 11.4 45.2 67.8
67 0.0 52.6 78.8
52 0.0 22.7 34.1#

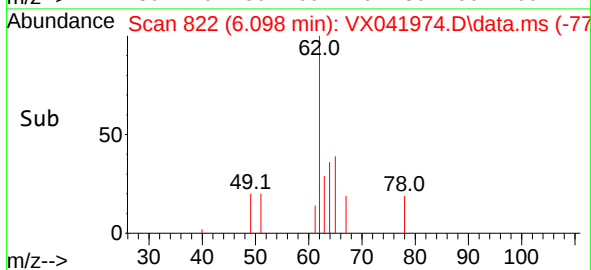
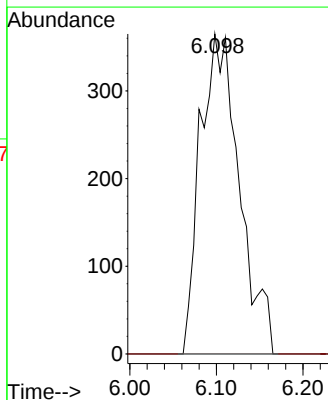
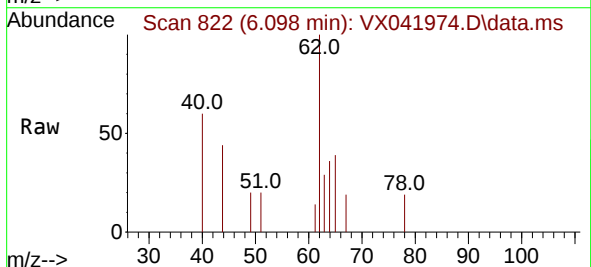
Manual Integrations
APPROVED

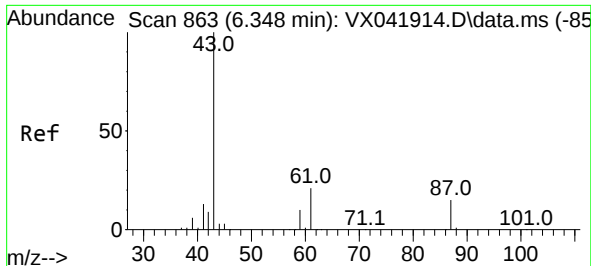
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#42
1,2-Dichloroethane
Concen: 0.555 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Tgt Ion: 62 Resp: 1147
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 0.387 ug/l

RT: 6.360 min Scan# 865

Delta R.T. 0.012 min

Lab File: VX041974.D

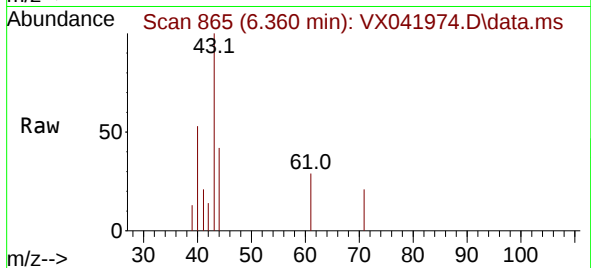
Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024



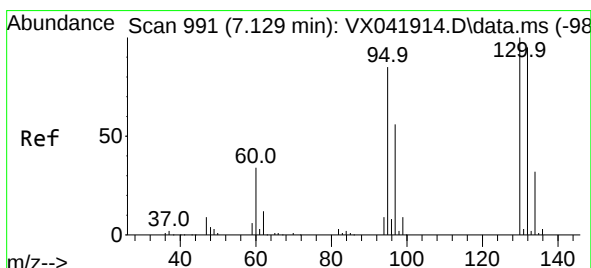
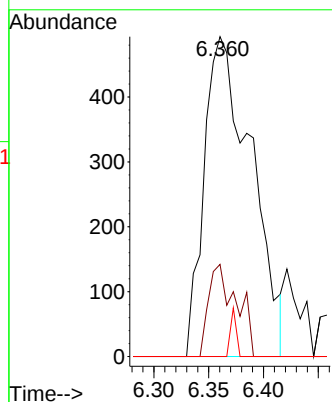
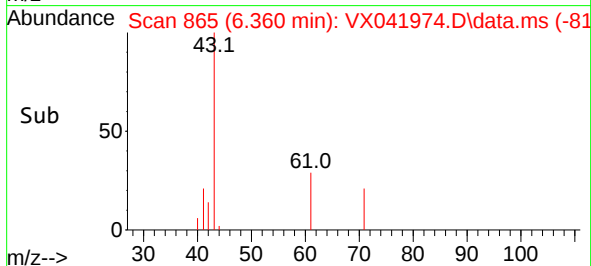
Tgt Ion: 43	Resp: 147
Ion Ratio	Lower Upper
43	100
61	17.1 15.2 22.8
87	1.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#44

Trichloroethene

Concen: 0.758 ug/l

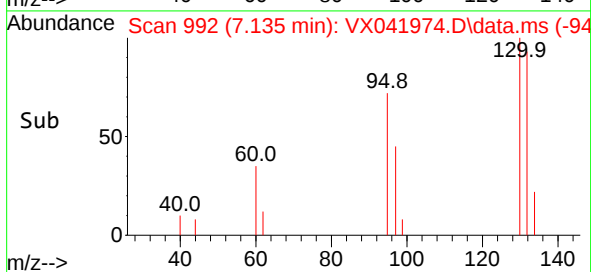
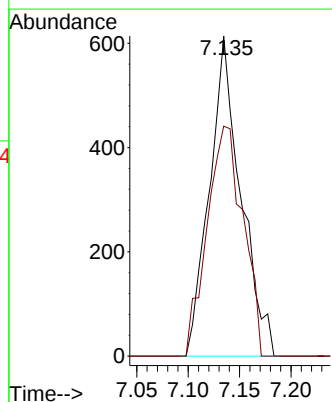
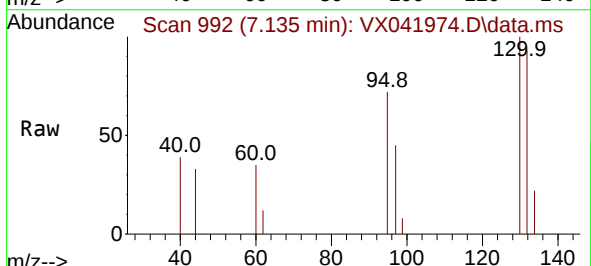
RT: 7.135 min Scan# 992

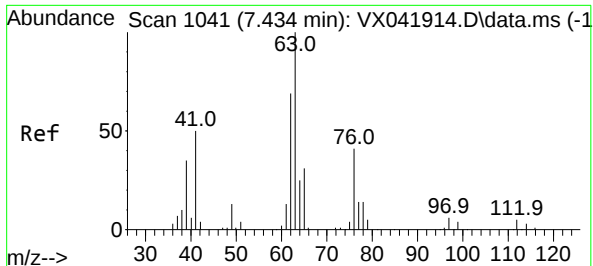
Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion:130	Resp: 1303
Ion Ratio	Lower Upper
130	100
95	71.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.472 ug/l

RT: 7.446 min Scan# 1043

Delta R.T. 0.012 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

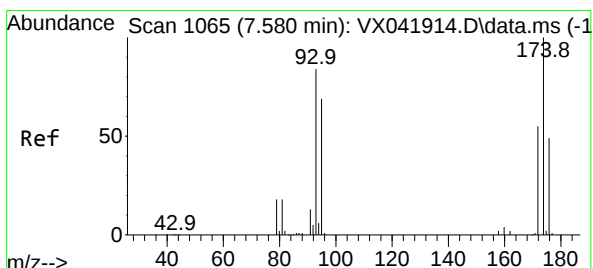
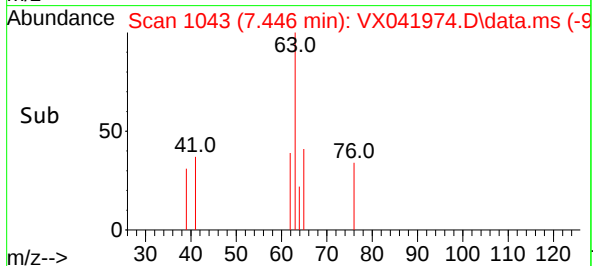
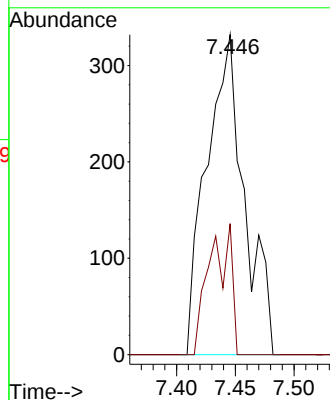
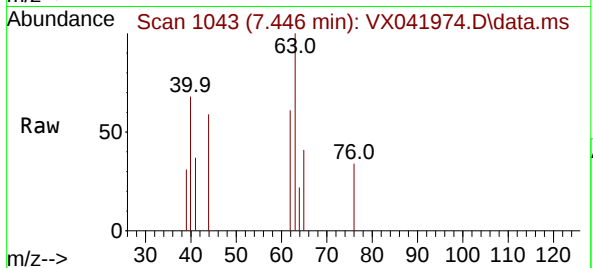
Tgt Ion: 63 Resp: 744
 Ion Ratio Lower Upper
 63 100
 65 41.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#46

Dibromomethane

Concen: 0.412 ug/l

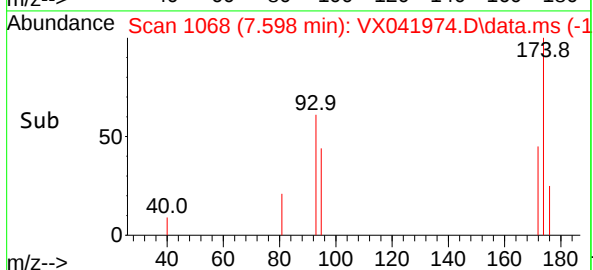
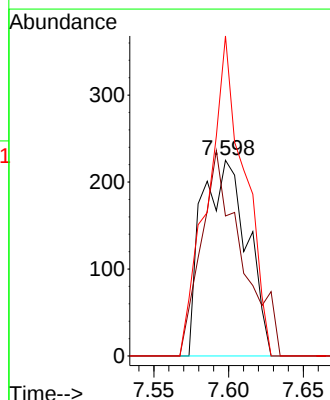
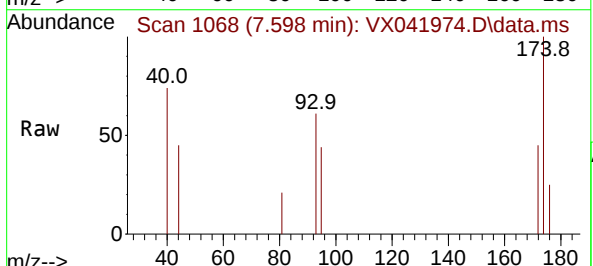
RT: 7.598 min Scan# 1068

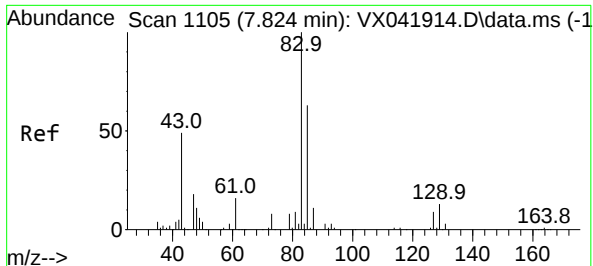
Delta R.T. 0.018 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

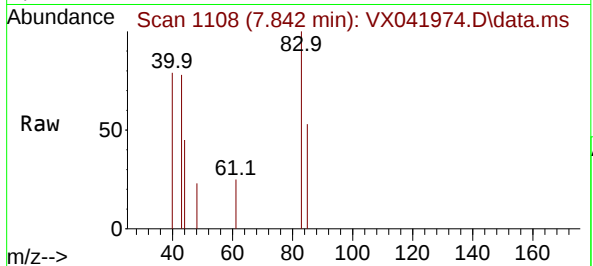
Tgt Ion: 93 Resp: 473
 Ion Ratio Lower Upper
 93 100
 95 93.2 66.6 100.0
 174 132.8 69.4 104.0#





#47
Bromodichloromethane
Concen: 0.410 ug/l
RT: 7.842 min Scan# 1108
Delta R.T. 0.018 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

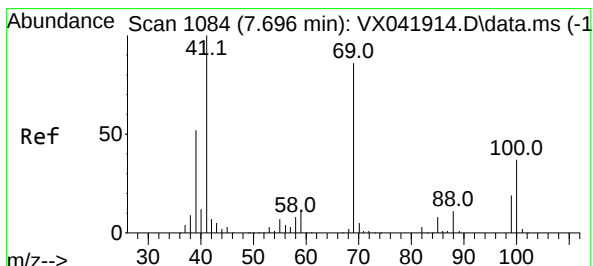
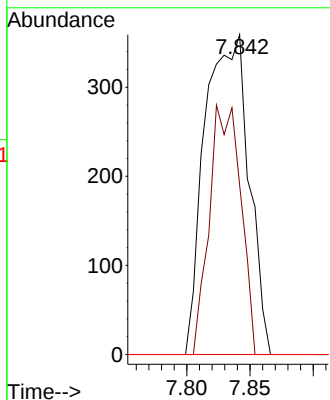
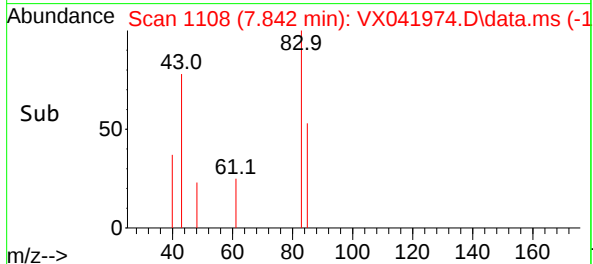
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



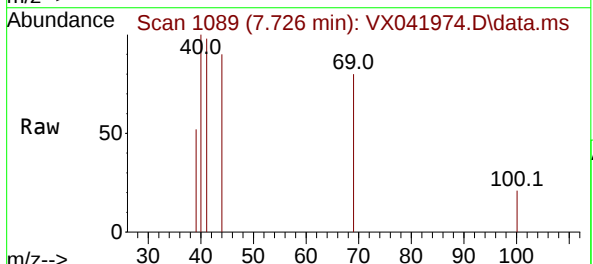
Tgt Ion: 83 Resp: 86
Ion Ratio Lower Upper
83 100
85 52.9 49.8 74.6
127 0.0 7.1 10.7

Manual Integrations
APPROVED

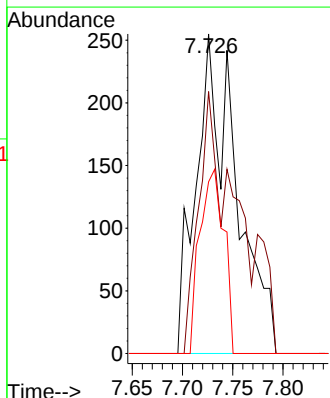
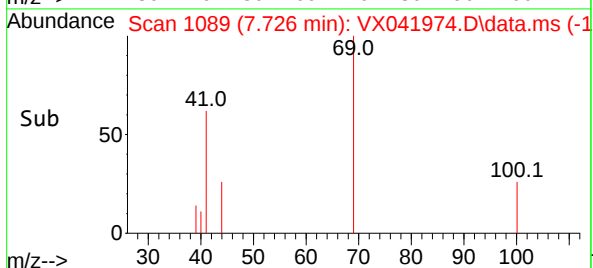
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

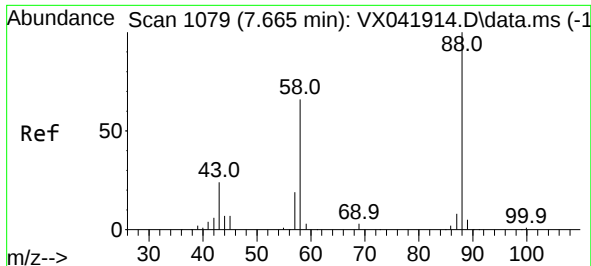


#48
Methyl methacrylate
Concen: 0.389 ug/l m
RT: 7.726 min Scan# 1089
Delta R.T. 0.030 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26



Tgt Ion: 41 Resp: 706
Ion Ratio Lower Upper
41 100
69 39.8 59.2 88.8#
39 34.8 47.7 71.5#





#49

1,4-Dioxane

Concen: 3.717 ug/l m

RT: 7.695 min Scan# 1084

Delta R.T. 0.030 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

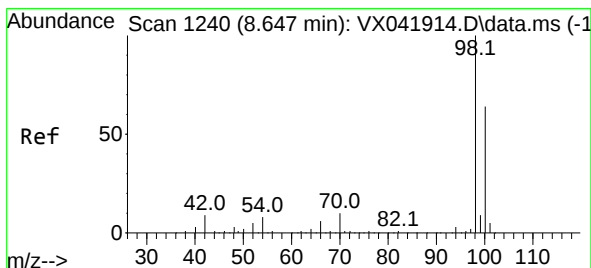
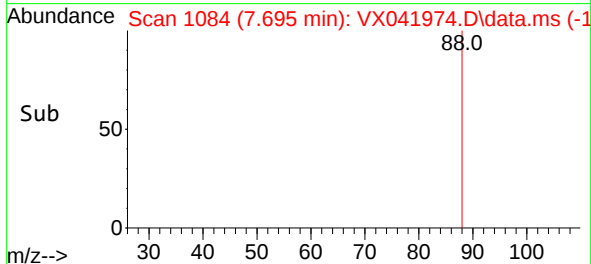
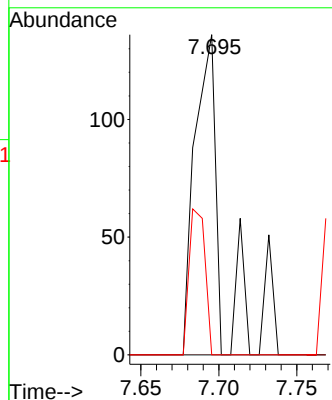
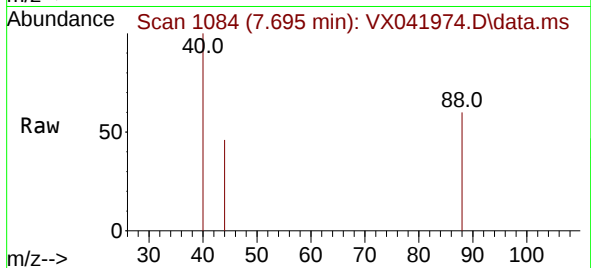
Tgt Ion: 88	Resp: 16
Ion Ratio	Lower Upper
88 100	
43 0.0	0.0 0.0
58 27.0	60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#50

Toluene-d8

Concen: 44.331 ug/l

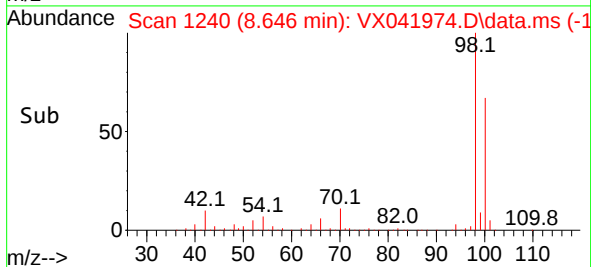
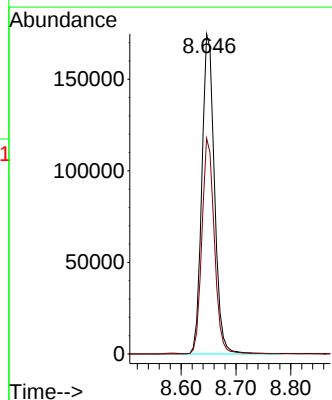
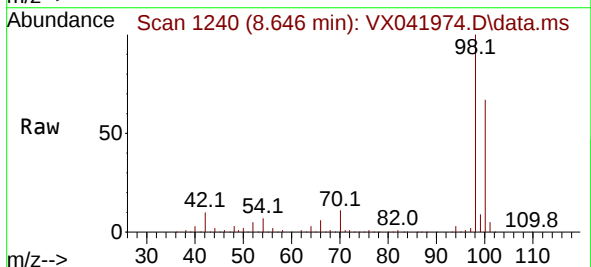
RT: 8.646 min Scan# 1240

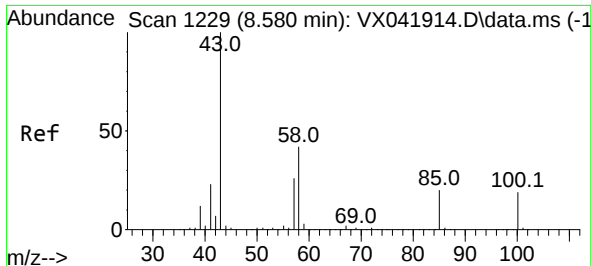
Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

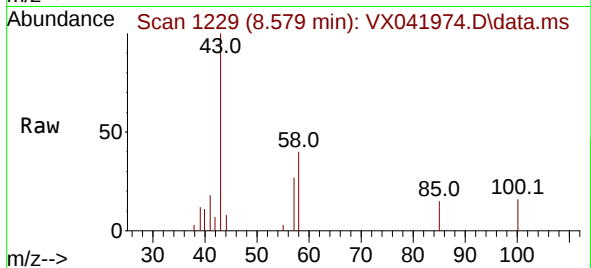
Tgt Ion: 98	Resp: 278758
Ion Ratio	Lower Upper
98 100	
100 66.5	53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 1.857 ug/l
RT: 8.579 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

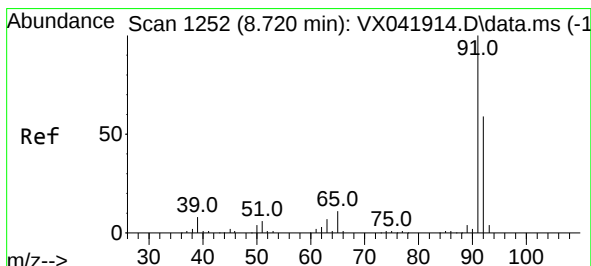
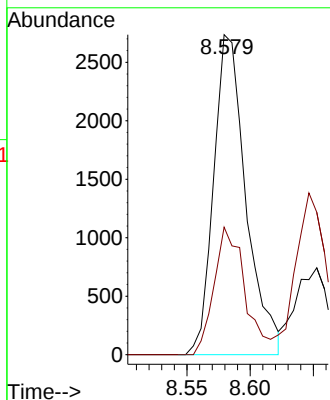
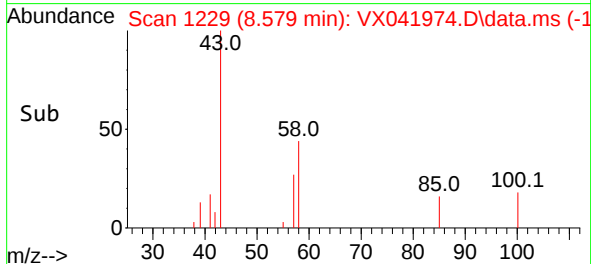
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



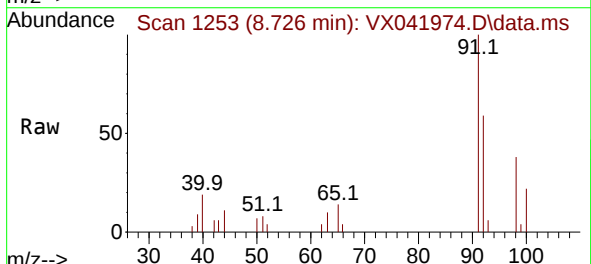
Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

Manual Integrations
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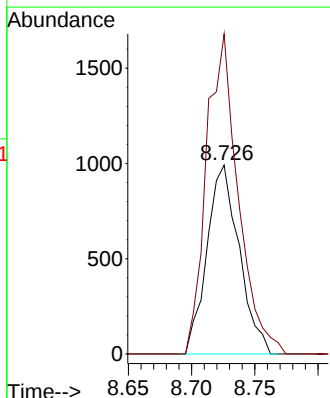
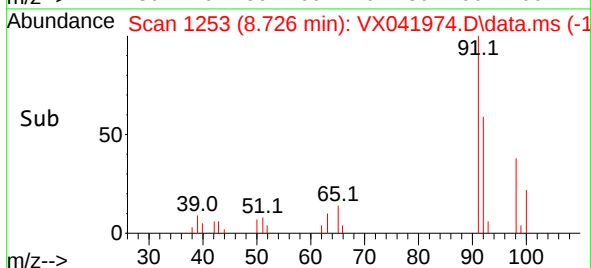
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

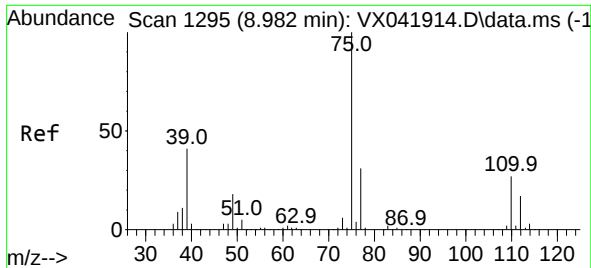


#52
Toluene
Concen: 0.431 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26



Tgt Ion: 92 Resp: 1760
Ion Ratio Lower Upper
92 100
91 166.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.344 ug/l

RT: 8.994 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 75 Resp: 710

Ion Ratio Lower Upper

75 100

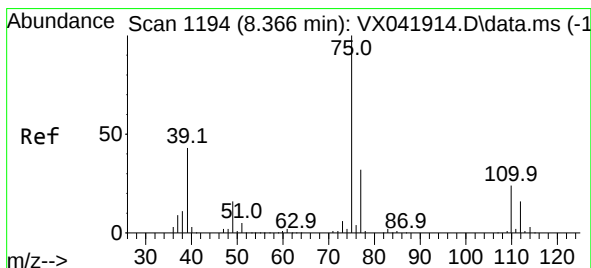
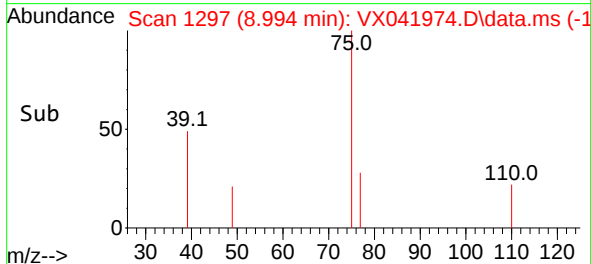
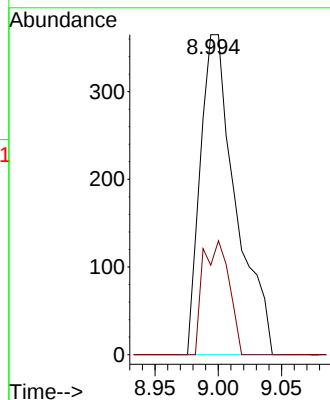
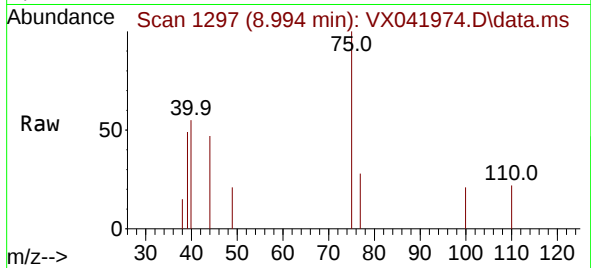
77 27.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#54

cis-1,3-Dichloropropene

Concen: 0.354 ug/l

RT: 8.378 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

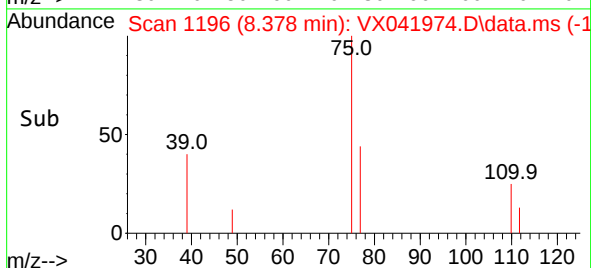
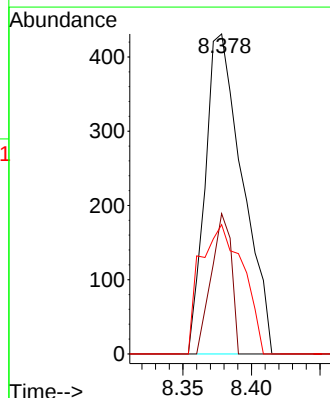
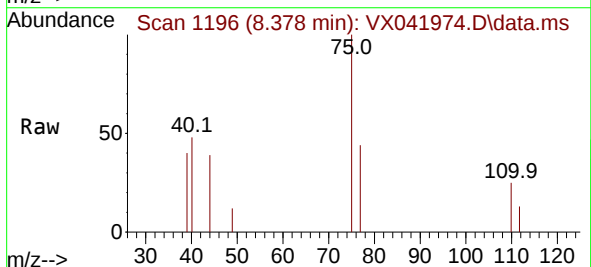
Tgt Ion: 75 Resp: 817

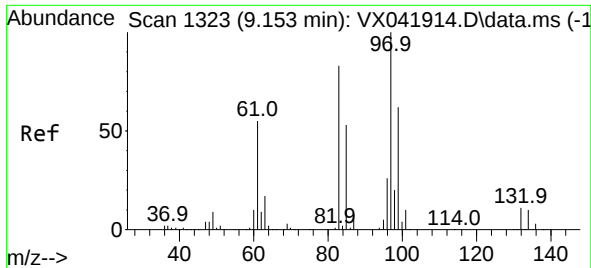
Ion Ratio Lower Upper

75 100

77 43.9 25.3 37.9#

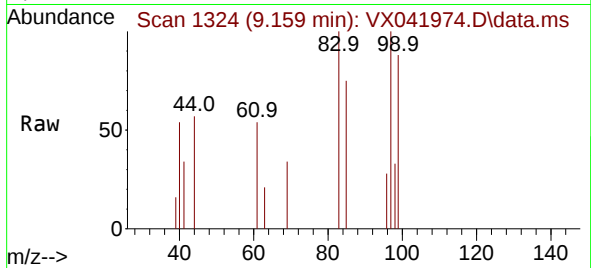
39 40.4 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 0.441 ug/l
RT: 9.159 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

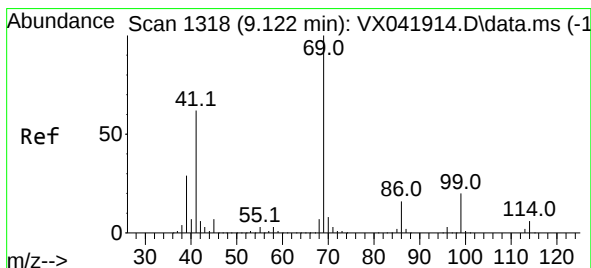
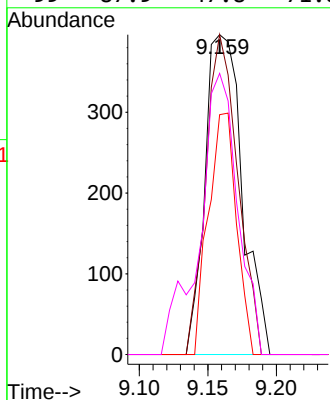
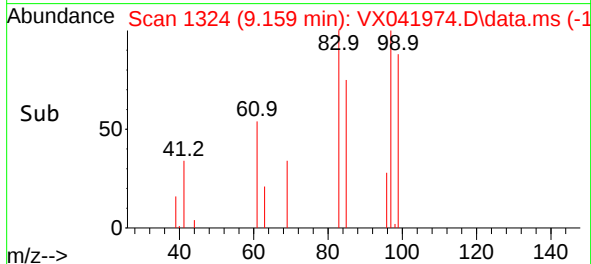
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024



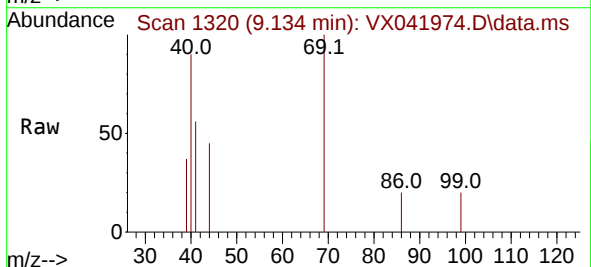
Tgt Ion	Ratio	Lower	Upper
97	100		
83	100.0	65.8	98.8
85	75.0	41.6	62.4
99	87.9	47.8	71.8

Manual Integrations
APPROVED

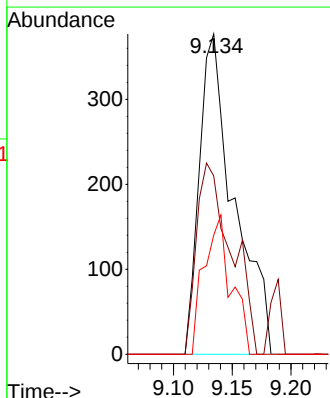
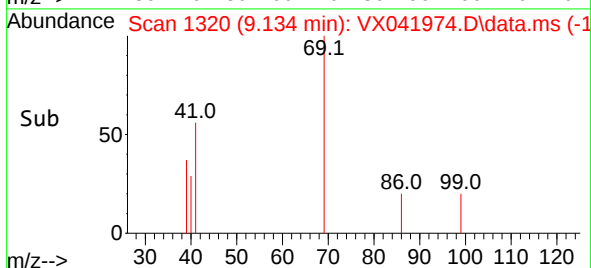
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

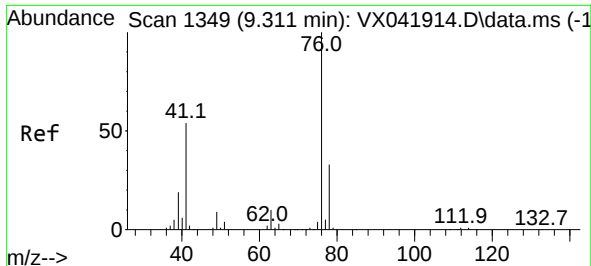


#56
Ethyl methacrylate
Concen: 0.293 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. 0.012 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26



Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.8	56.8	85.2
39	33.9	32.0	48.0





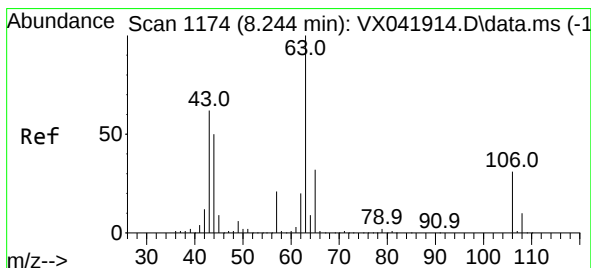
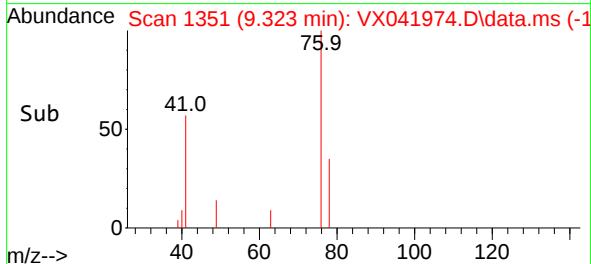
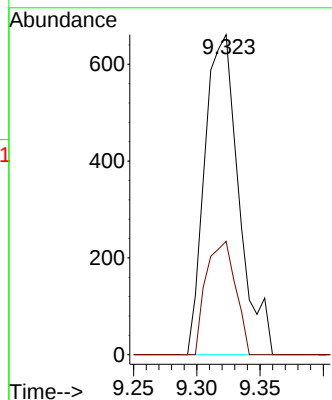
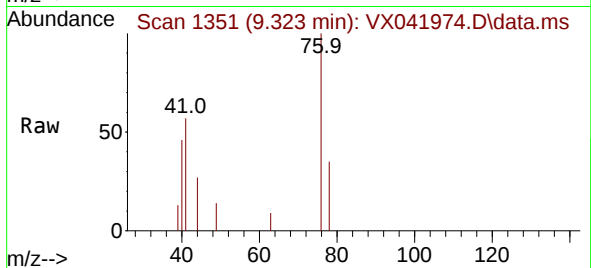
#57
1,3-Dichloropropane
Concen: 0.451 ug/l
RT: 9.323 min Scan# 1138
Delta R.T. 0.012 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 76 Resp: 1238
Ion Ratio Lower Upper
76 100
78 30.5 26.1 39.1

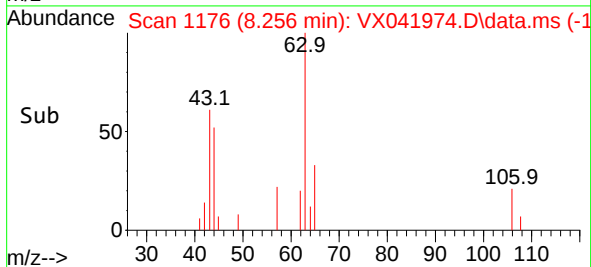
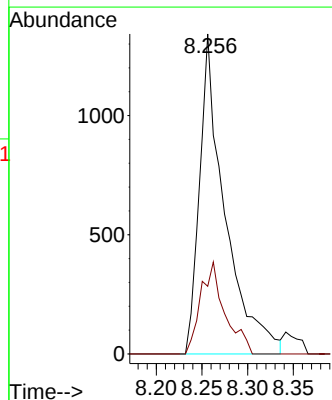
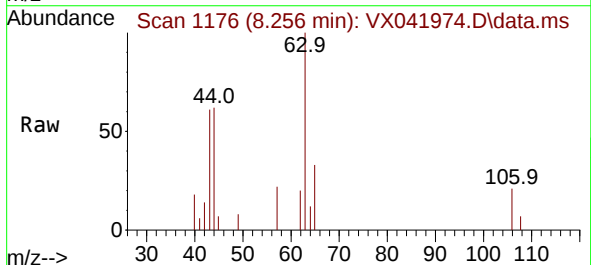
Manual Integrations
APPROVED

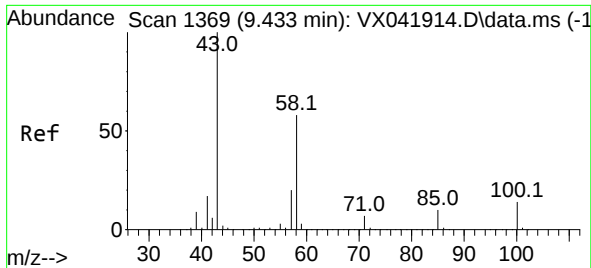
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 2.094 ug/l
RT: 8.256 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

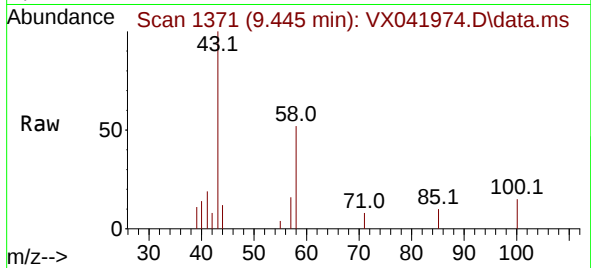
Tgt Ion: 63 Resp: 2582
Ion Ratio Lower Upper
63 100
106 27.6 22.5 33.7





#59
2-Hexanone
Concen: 1.863 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

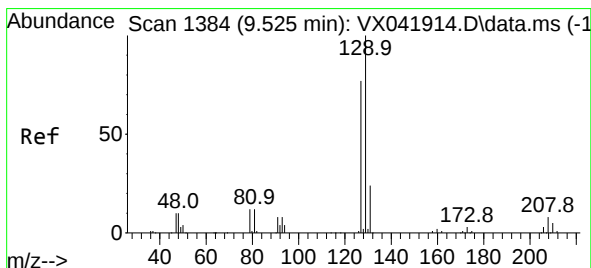
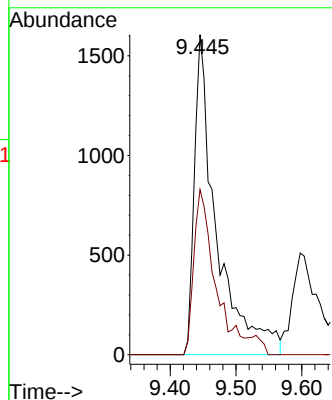
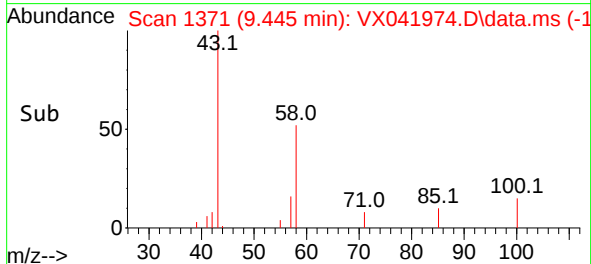
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 49.4 26.2 78.5

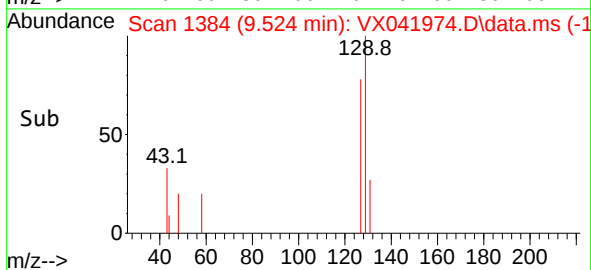
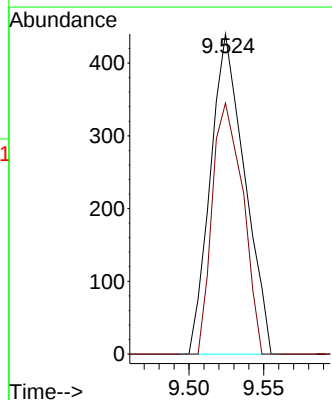
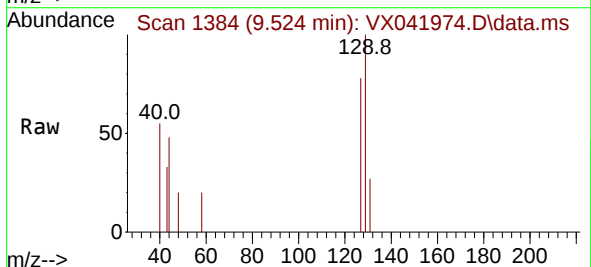
Manual Integrations
APPROVED

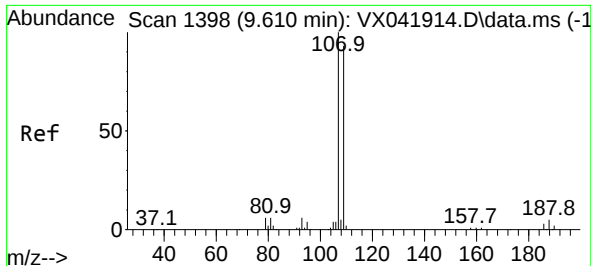
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#60
Dibromochloromethane
Concen: 0.380 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

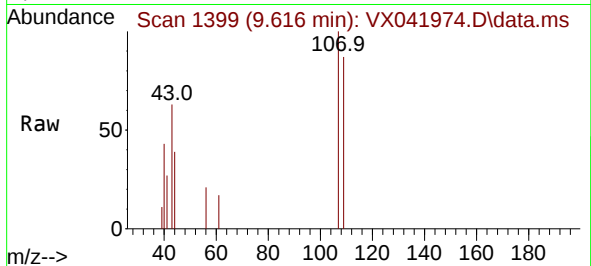
Tgt Ion:129 Resp: 702
Ion Ratio Lower Upper
129 100
127 69.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.354 ug/l
RT: 9.616 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

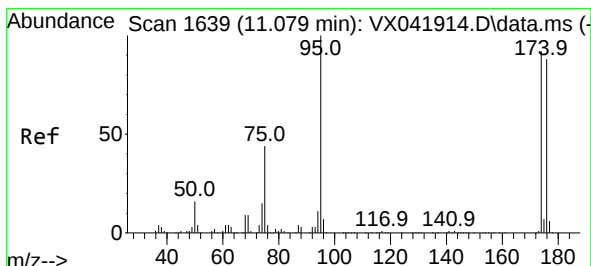
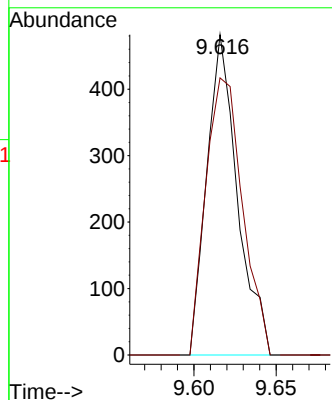
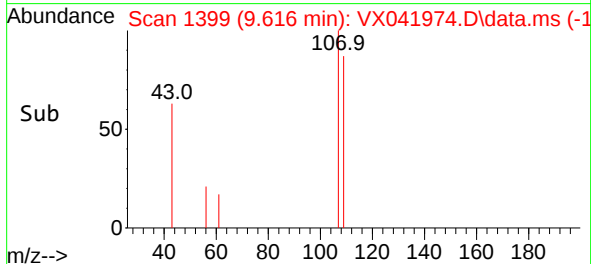
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



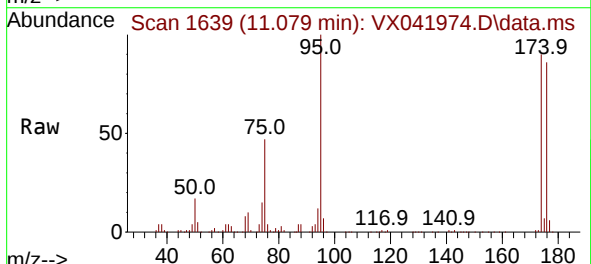
Tgt Ion:107 Resp: 624
Ion Ratio Lower Upper
107 100
109 104.2 75.2 112.8

Manual Integrations
APPROVED

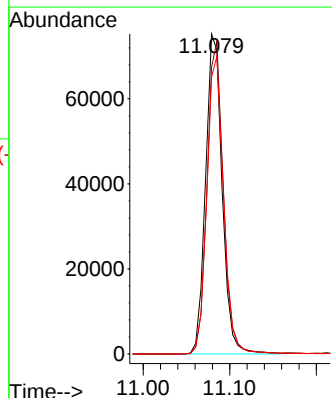
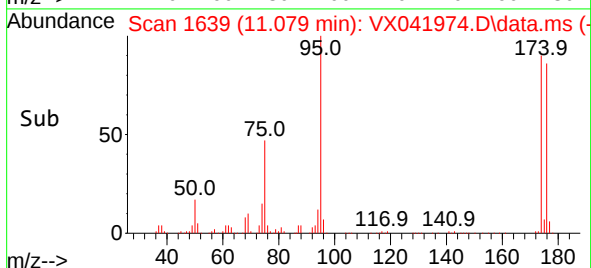
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

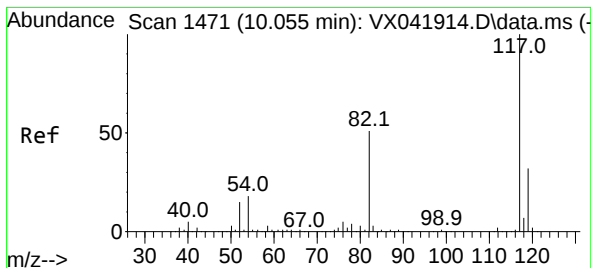


#62
4-Bromofluorobenzene
Concen: 43.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26



Tgt Ion: 95 Resp: 100257
Ion Ratio Lower Upper
95 100
174 96.1 0.0 135.6
176 93.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:117 Resp: 221690

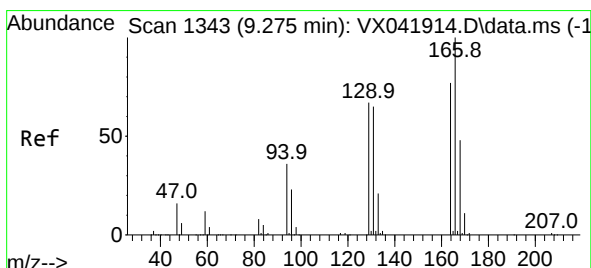
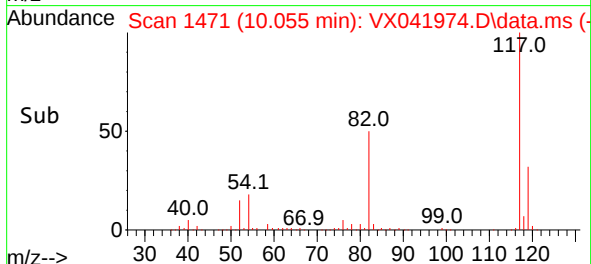
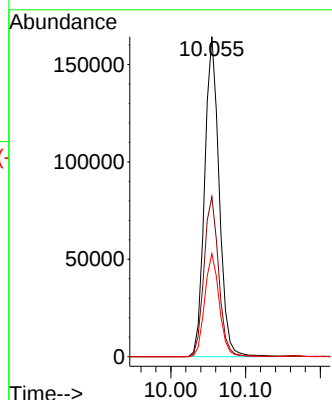
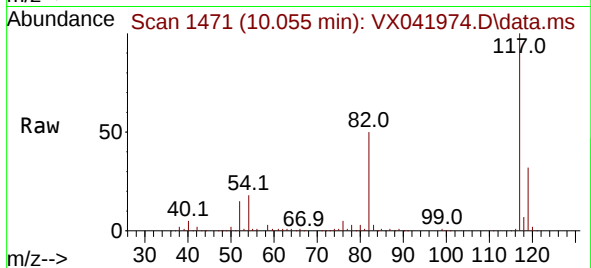
Ion	Ratio	Lower	Upper
117	100		
82	50.0	46.2	69.4
119	32.2	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#64

Tetrachloroethene

Concen: 0.476 ug/l

RT: 9.281 min Scan# 1344

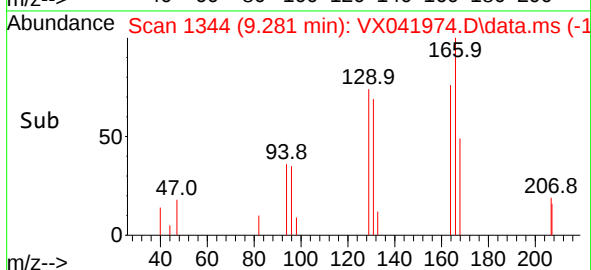
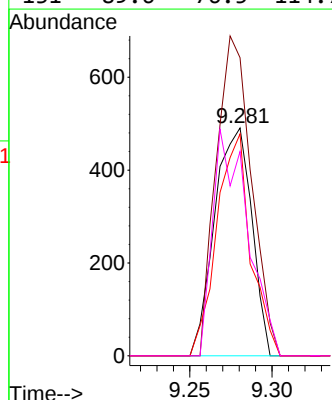
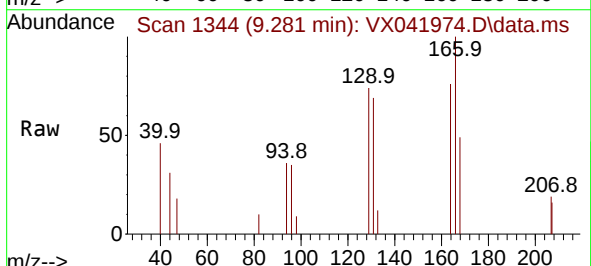
Delta R.T. 0.006 min

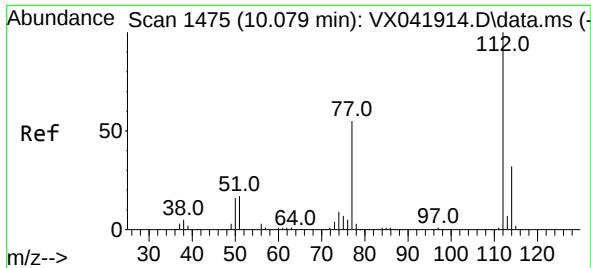
Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion:164 Resp: 769

Ion	Ratio	Lower	Upper
164	100		
166	130.8	102.7	154.1
129	97.4	80.4	120.6
131	89.6	76.5	114.7





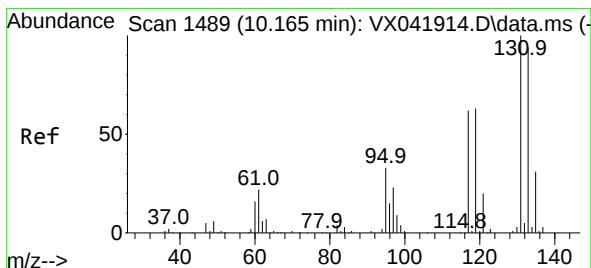
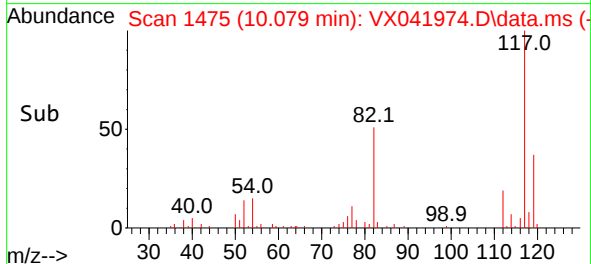
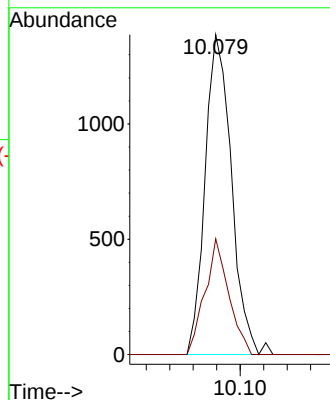
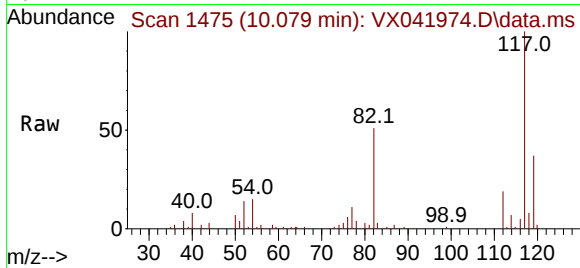
#65
Chlorobenzene
Concen: 0.468 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:112 Resp: 2150
Ion Ratio Lower Upper
112 100
114 36.2 25.7 38.5

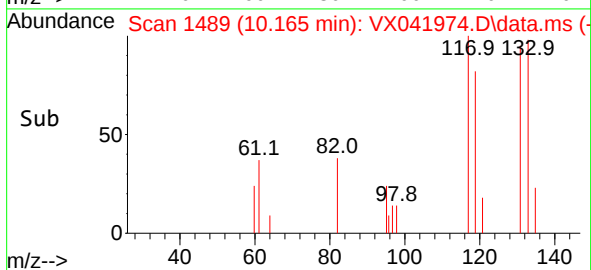
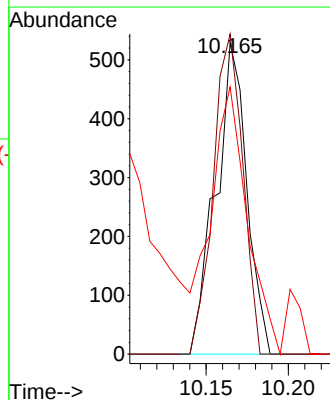
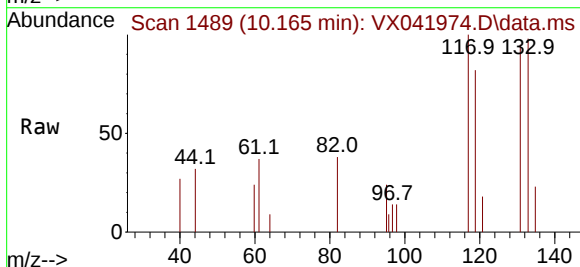
Manual Integrations
APPROVED

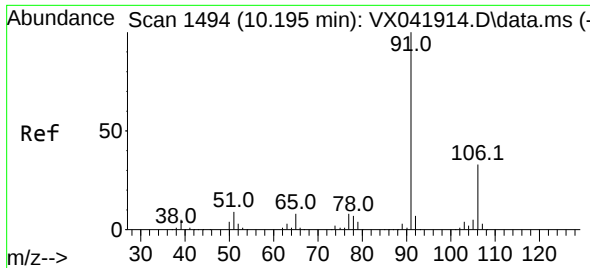
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.431 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Tgt Ion:131 Resp: 696
Ion Ratio Lower Upper
131 100
133 97.3 47.1 141.4
119 0.0 32.2 96.6#





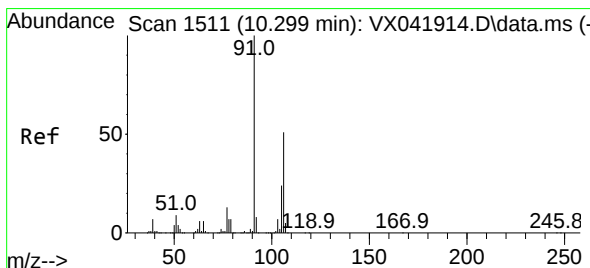
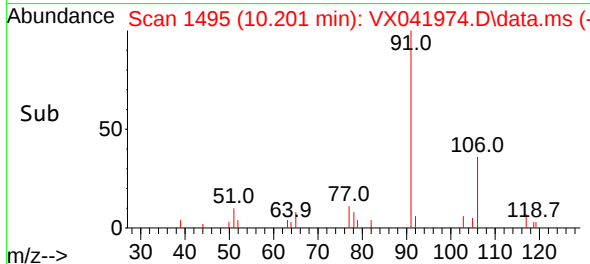
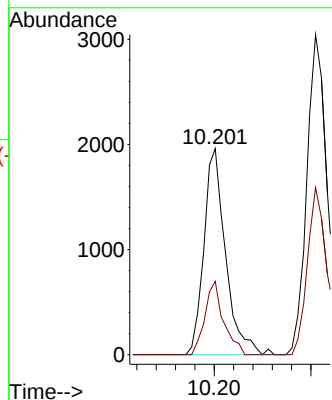
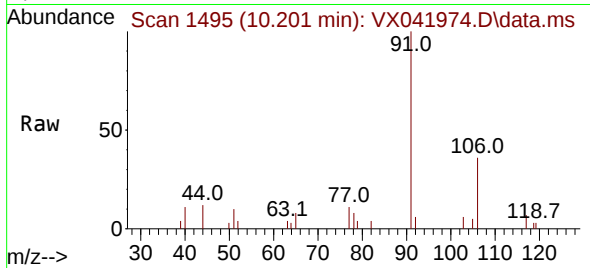
#67
Ethyl Benzene
Concen: 0.423 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 305
Ion Ratio Lower Upper
91 100
106 35.6 24.9 37.3

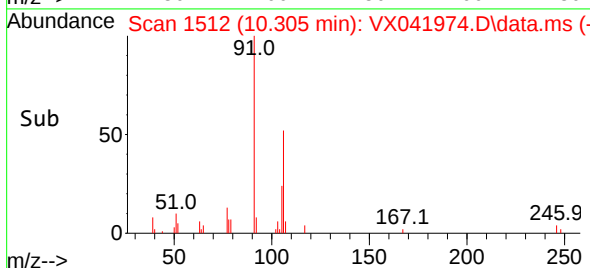
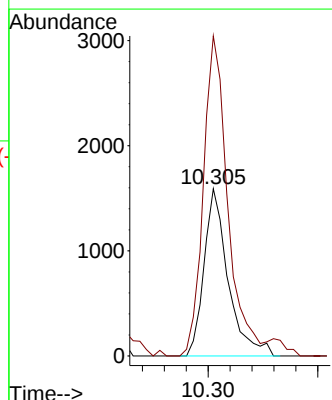
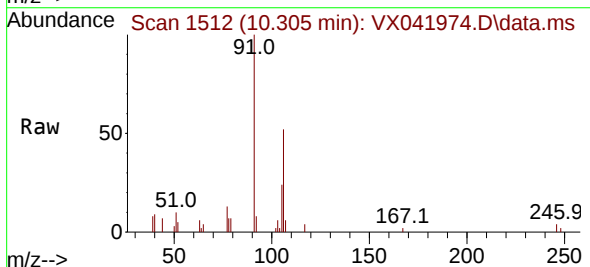
Manual Integrations
APPROVED

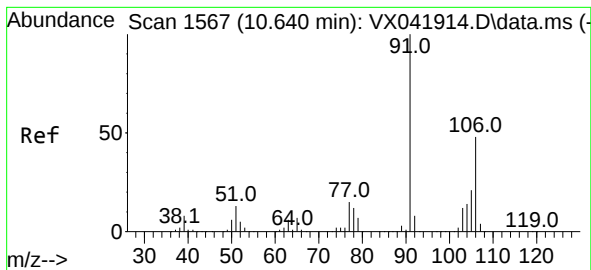
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#68
m/p-Xylenes
Concen: 0.831 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Tgt Ion:106 Resp: 2423
Ion Ratio Lower Upper
106 100
91 195.2 165.5 248.3





#69

o-Xylene

Concen: 0.380 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:106 Resp: 1090

Ion Ratio Lower Upper

106 100

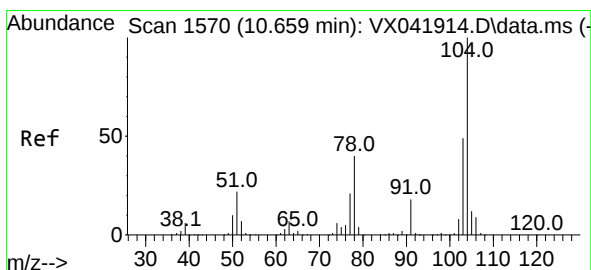
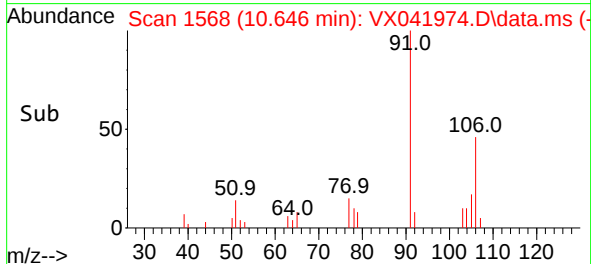
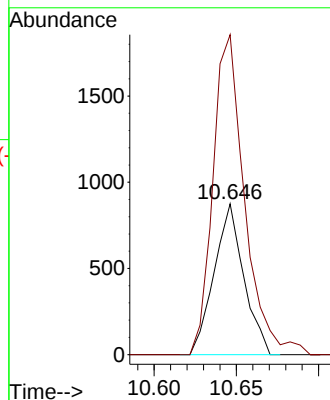
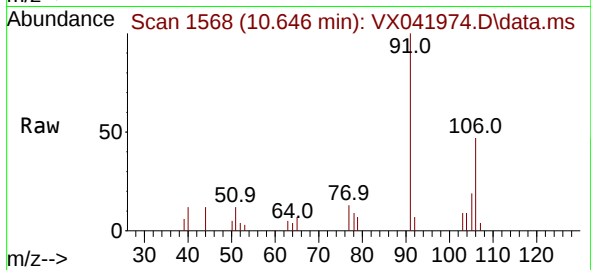
91 226.6 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#70

Styrene

Concen: 0.383 ug/l

RT: 10.664 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

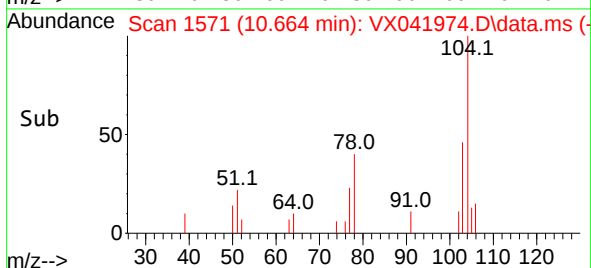
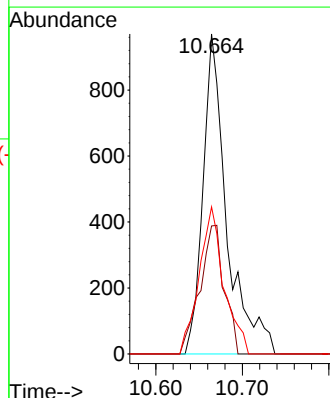
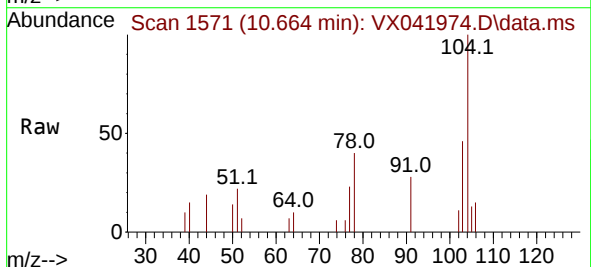
Tgt Ion:104 Resp: 1854

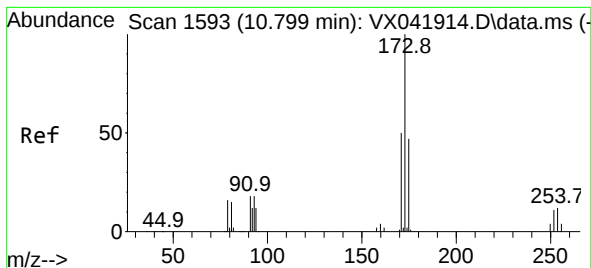
Ion Ratio Lower Upper

104 100

78 41.1 43.6 65.4#

103 47.8 43.6 65.4





#71

Bromoform

Concen: 0.417 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

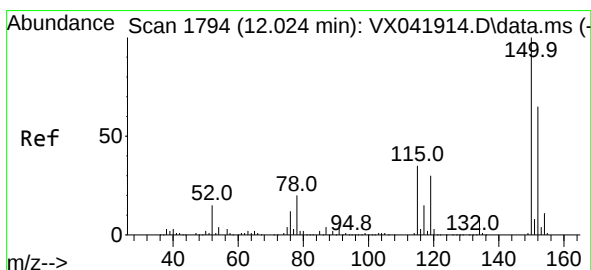
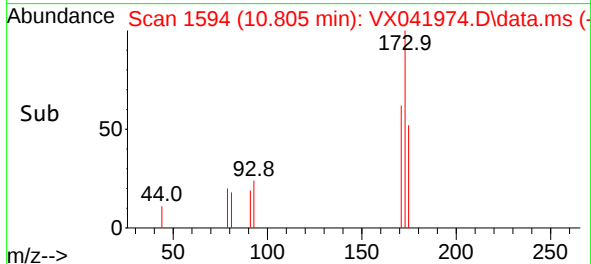
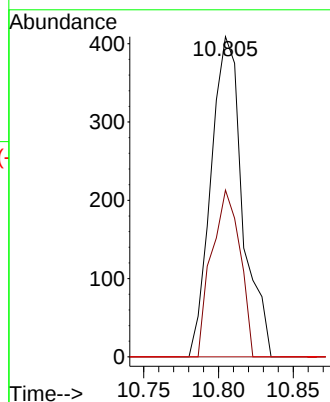
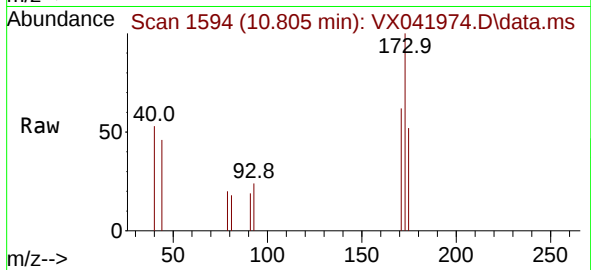
Tgt Ion:173 Resp: 602
 Ion Ratio Lower Upper
 173 100
 175 46.7 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

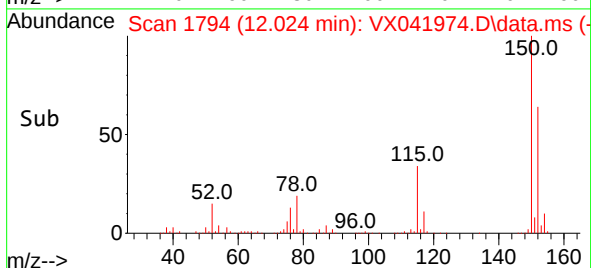
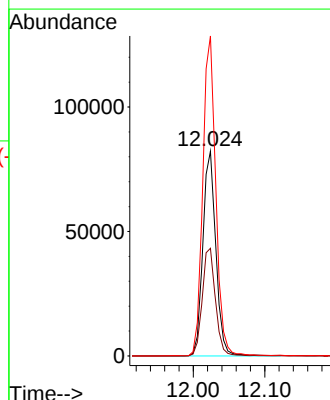
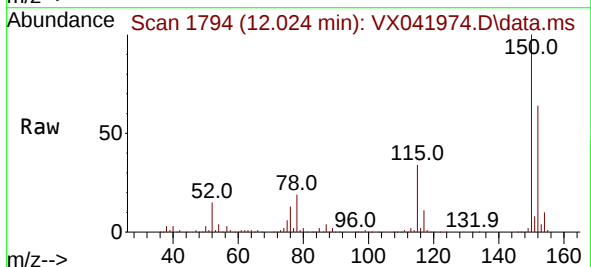
RT: 12.024 min Scan# 1794

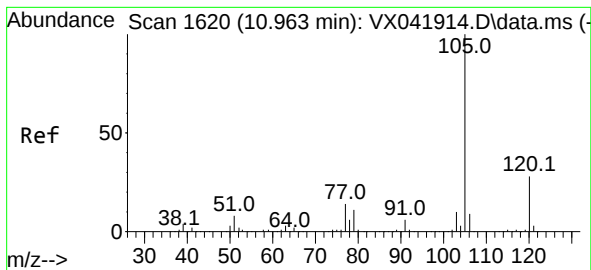
Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion:152 Resp: 103867
 Ion Ratio Lower Upper
 152 100
 115 53.4 43.3 129.9
 150 155.9 0.0 345.0





#73

Isopropylbenzene

Concen: 0.434 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

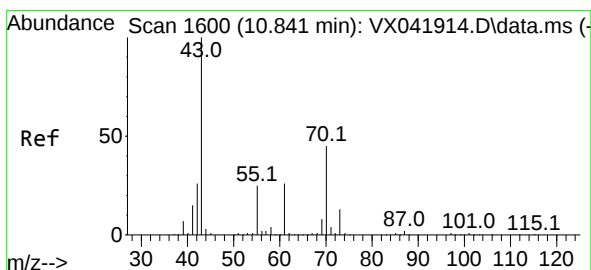
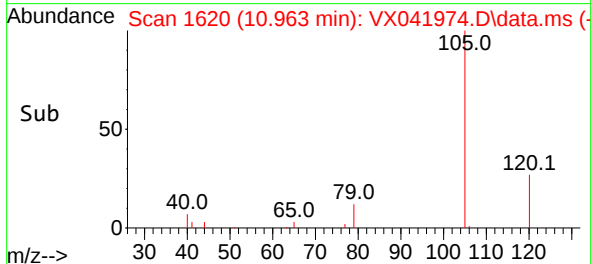
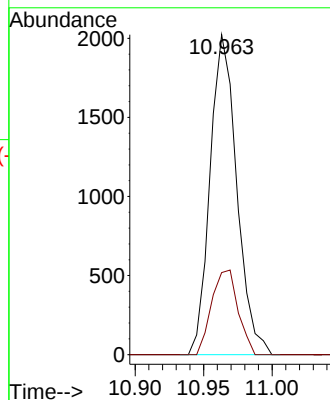
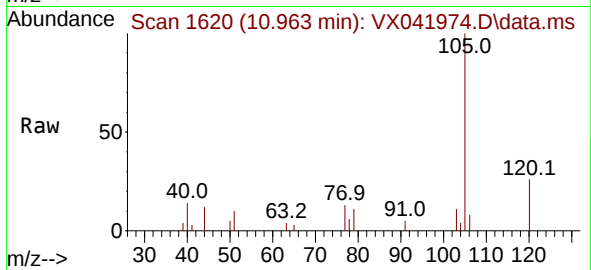
Tgt Ion:105 Resp: 2740
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#74

N-ethyl acetate

Concen: 0.321 ug/l

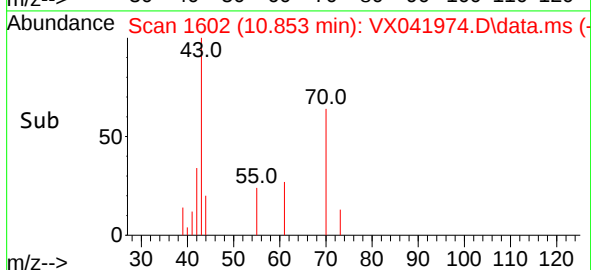
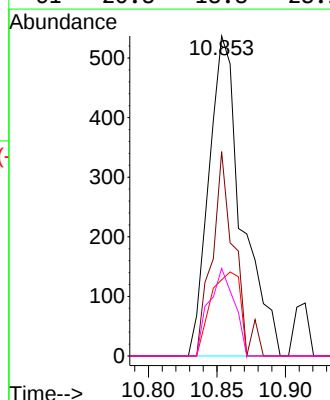
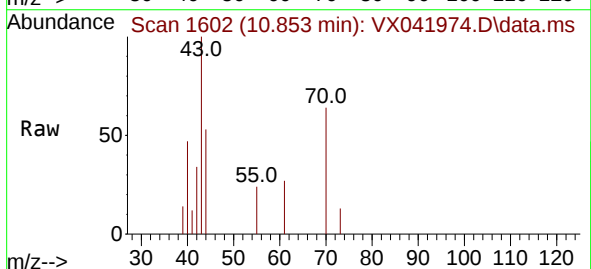
RT: 10.853 min Scan# 1602

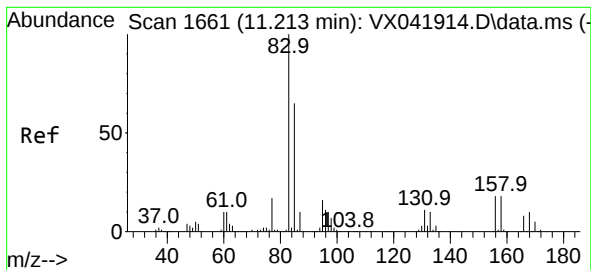
Delta R.T. 0.012 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

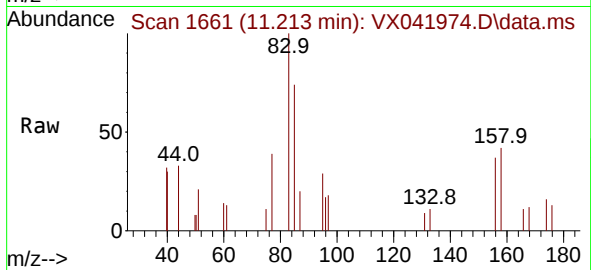
Tgt Ion: 43 Resp: 901
 Ion Ratio Lower Upper
 43 100
 70 43.0 32.9 49.3
 55 23.2 19.3 28.9
 61 20.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 0.499 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

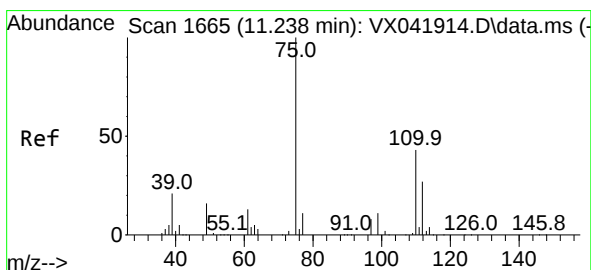
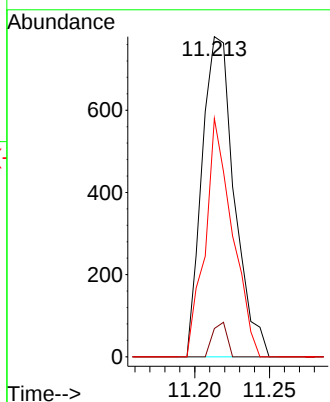
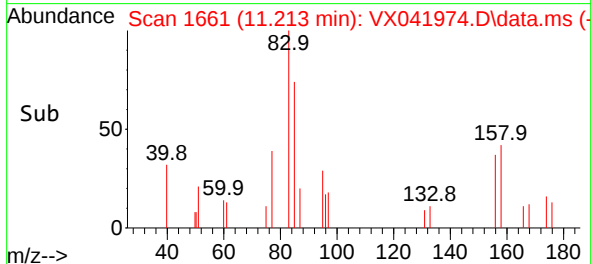
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024



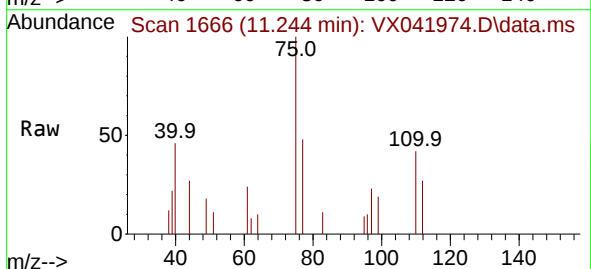
Tgt Ion: 83 Resp: 1172
Ion Ratio Lower Upper
83 100
131 4.8 5.3 15.8
85 62.5 32.0 96.2

Manual Integrations
APPROVED

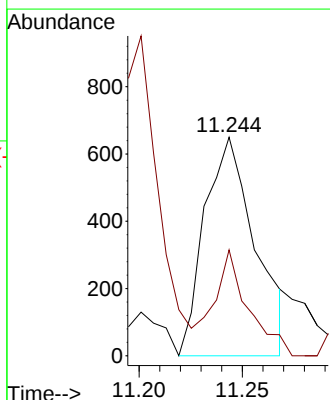
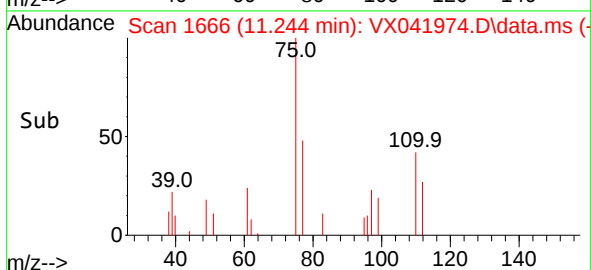
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

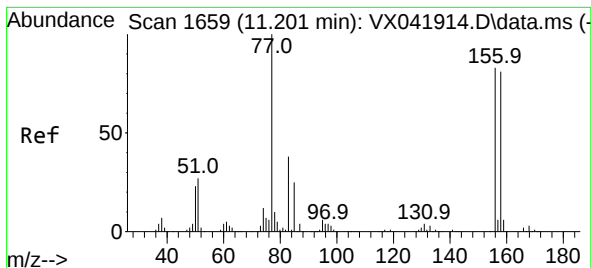


#76
1,2,3-Trichloropropane
Concen: 0.587 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26



Tgt Ion: 75 Resp: 1106
Ion Ratio Lower Upper
75 100
77 52.4 19.1 57.5





#77

Bromobenzene

Concen: 0.533 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

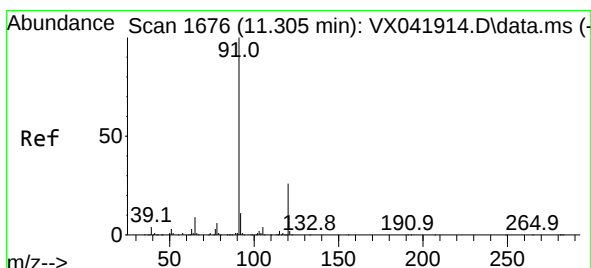
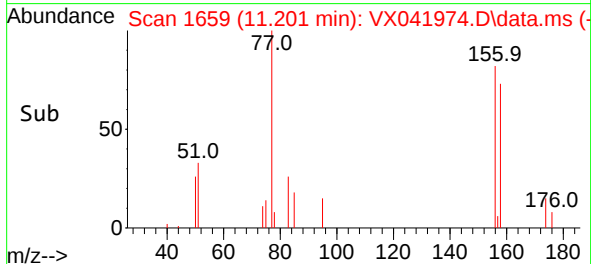
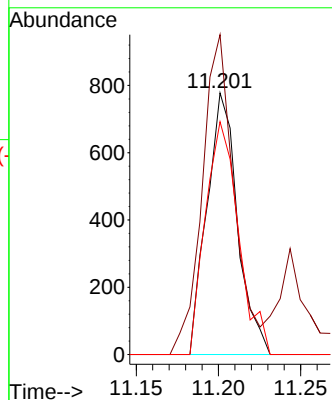
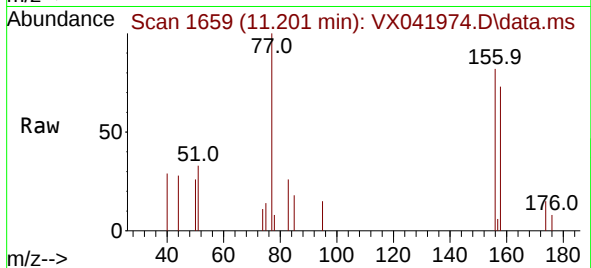
Tgt Ion:	156	Resp:	100
Ion Ratio	Lower	Upper	
156	100		
77	127.6	88.4	265.3
158	96.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#78

n-propylbenzene

Concen: 0.436 ug/l

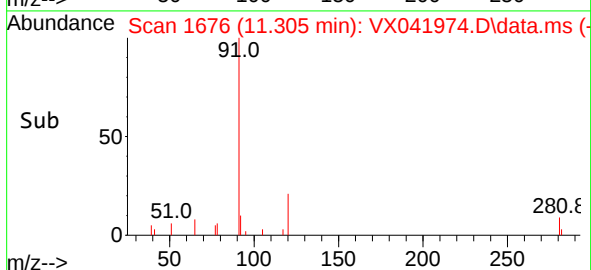
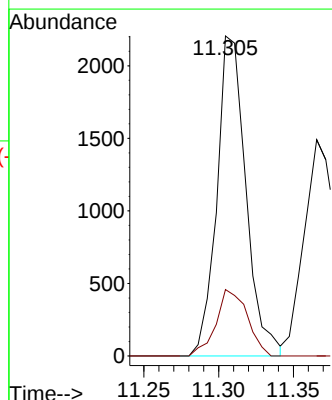
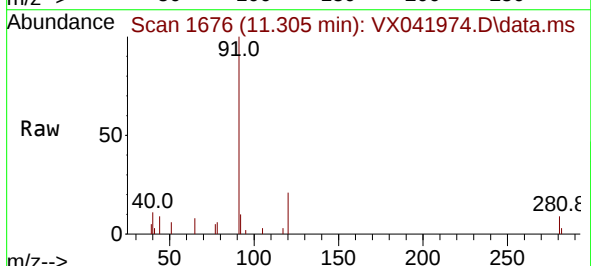
RT: 11.305 min Scan# 1676

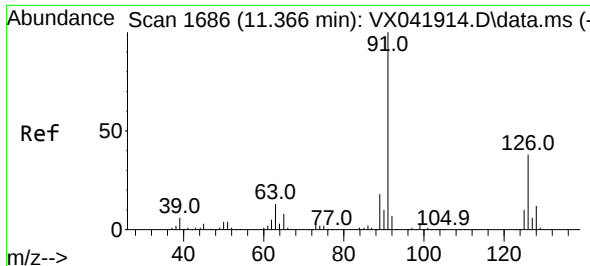
Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion:	91	Resp:	2985
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





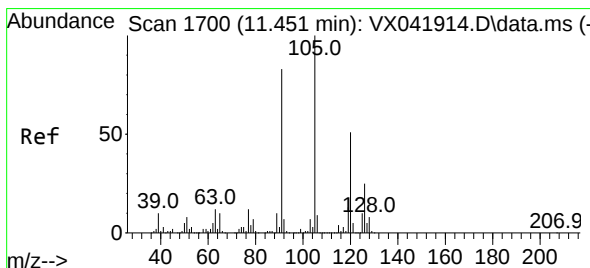
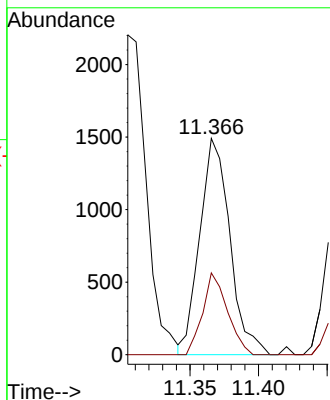
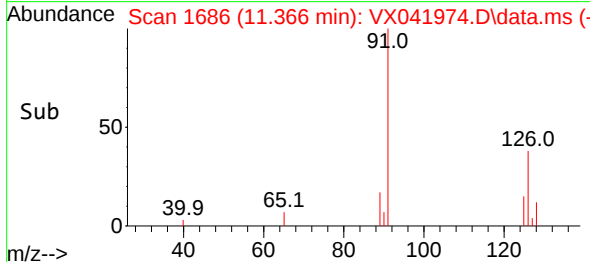
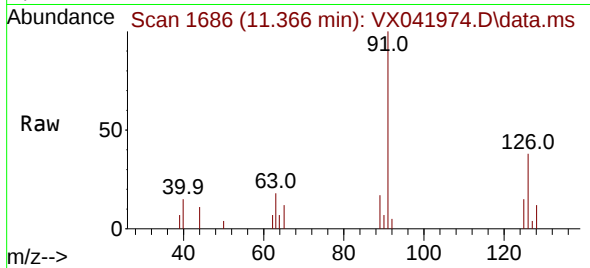
#79
2-Chlorotoluene
Concen: 0.516 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 2279
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

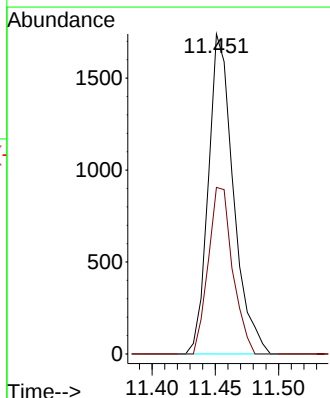
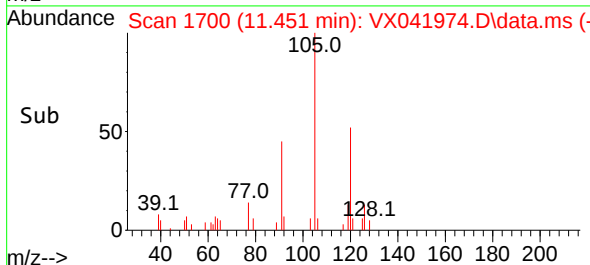
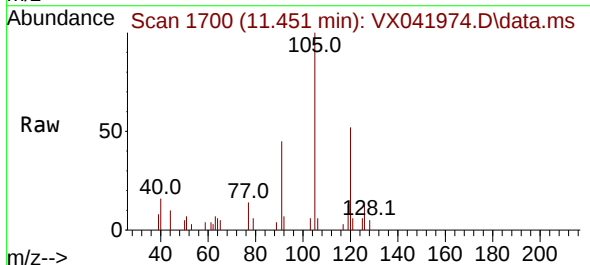
Manual Integrations
APPROVED

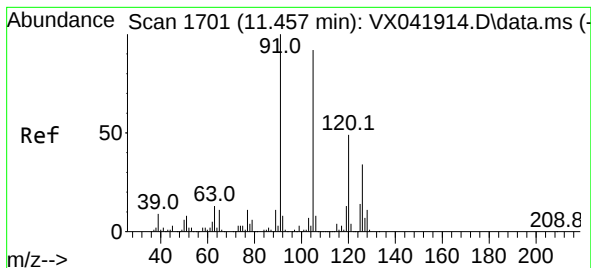
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.455 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Tgt Ion:105 Resp: 2394
Ion Ratio Lower Upper
105 100
120 50.7 24.1 72.3





#82

4-Chlorotoluene

Concen: 0.479 ug/l

RT: 11.463 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

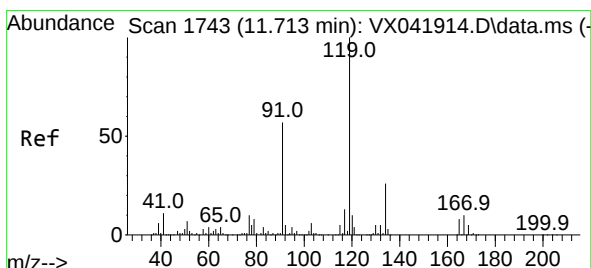
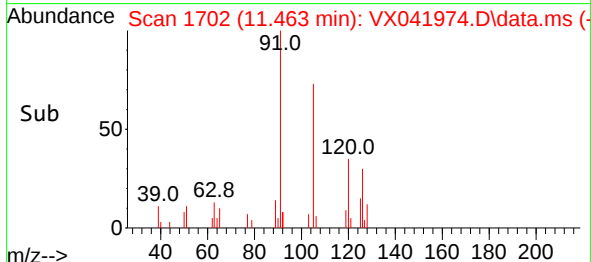
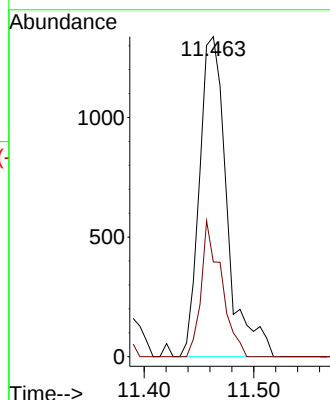
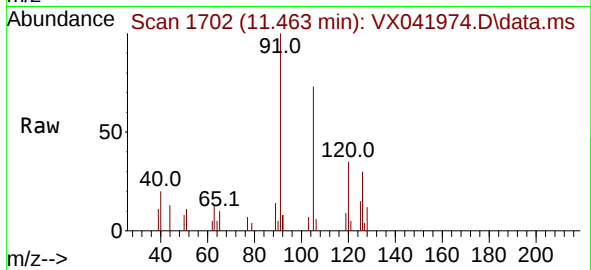
Tgt Ion: 91 Resp: 2336
 Ion Ratio Lower Upper
 91 100
 126 31.2 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#83

tert-Butylbenzene

Concen: 0.474 ug/l

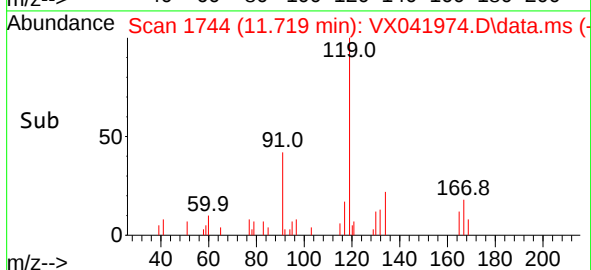
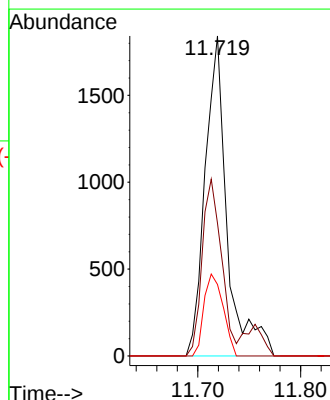
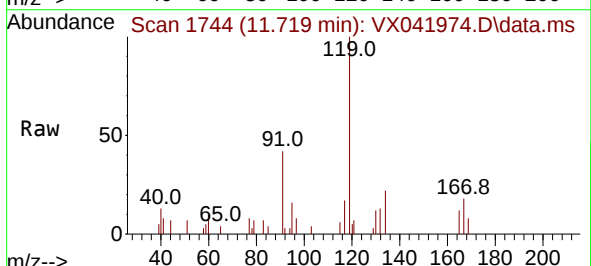
RT: 11.719 min Scan# 1744

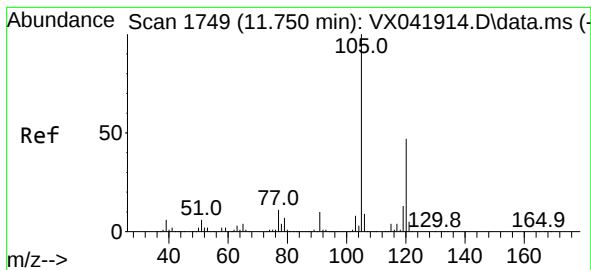
Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion:119 Resp: 2738
 Ion Ratio Lower Upper
 119 100
 91 49.0 31.2 93.6
 134 22.4 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.450 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

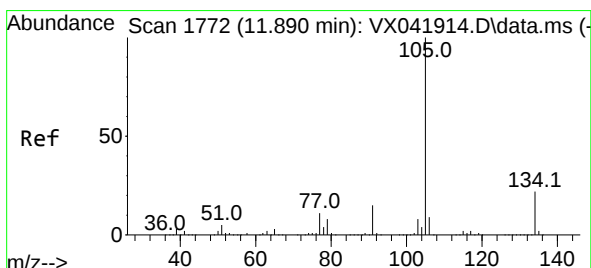
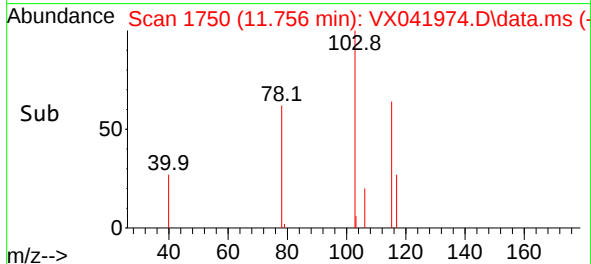
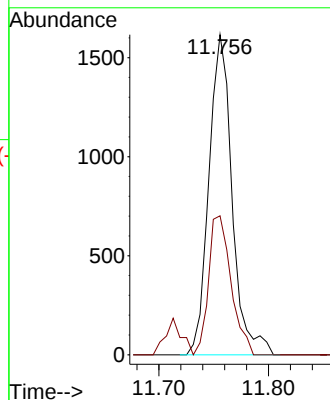
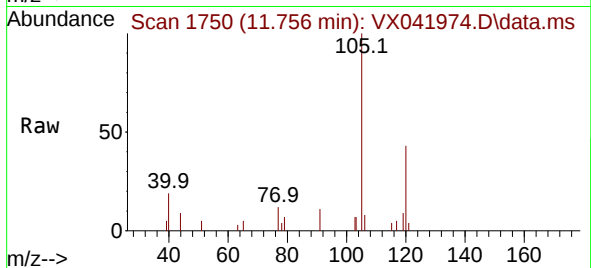
Tgt Ion:105 Resp: 2370
 Ion Ratio Lower Upper
 105 100
 120 42.0 21.2 63.6

Manual Integrations

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Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#85

sec-Butylbenzene

Concen: 0.393 ug/l

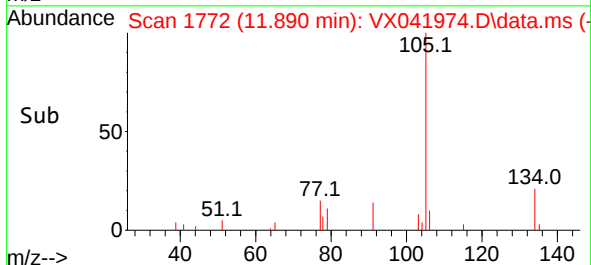
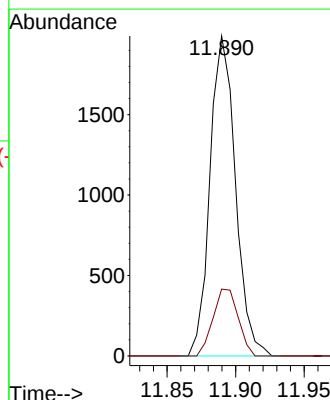
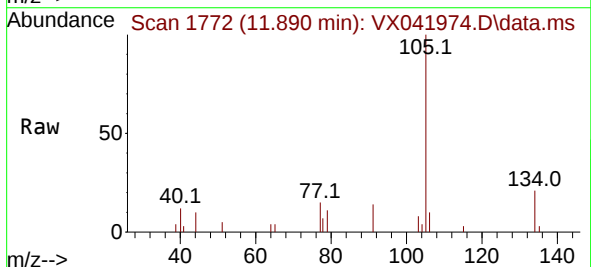
RT: 11.890 min Scan# 1772

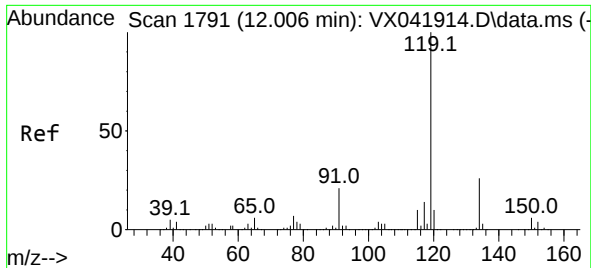
Delta R.T. -0.000 min

Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

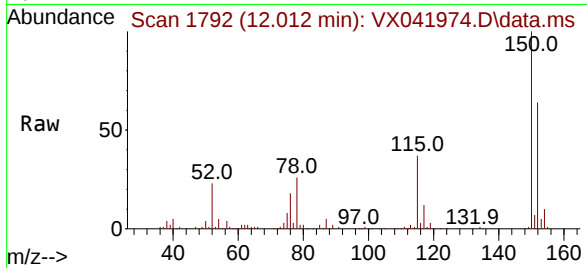
Tgt Ion:105 Resp: 2568
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.4





#86
p-Isopropyltoluene
Concen: 0.385 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

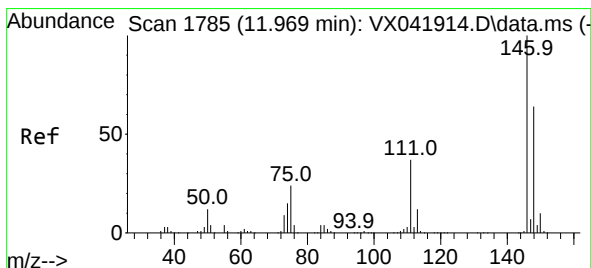
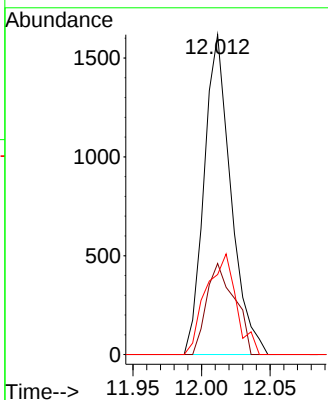
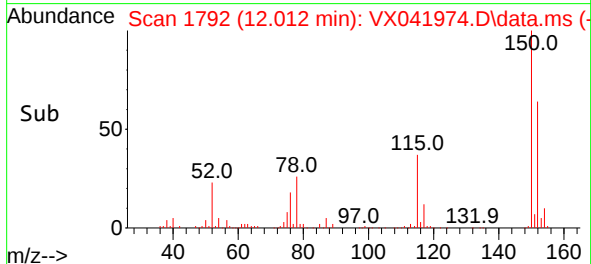
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



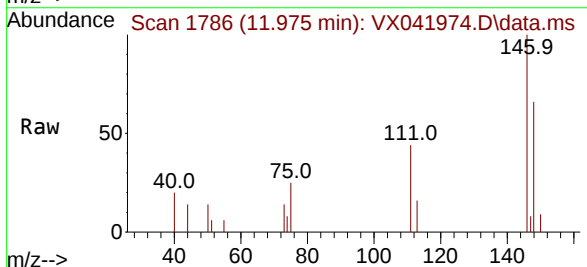
Tgt Ion:119 Resp: 2194
Ion Ratio Lower Upper
119 100
134 29.9 12.8 38.3
91 35.6 13.1 39.3

Manual Integrations
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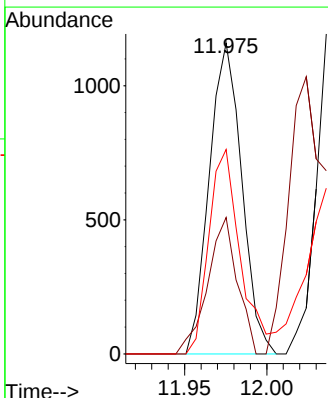
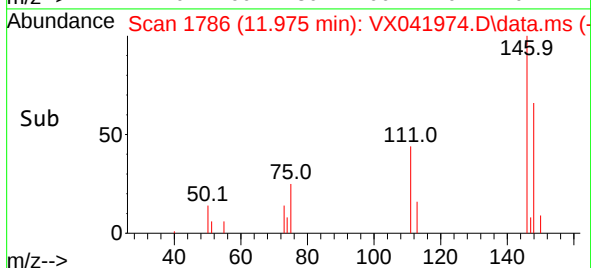
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

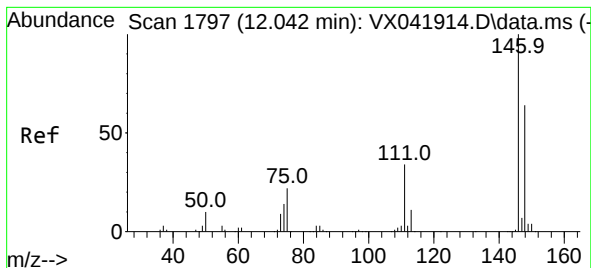


#87
1,3-Dichlorobenzene
Concen: 0.482 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26



Tgt Ion:146 Resp: 1594
Ion Ratio Lower Upper
146 100
111 40.3 22.1 66.1
148 63.4 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.575 ug/l m

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041974.D

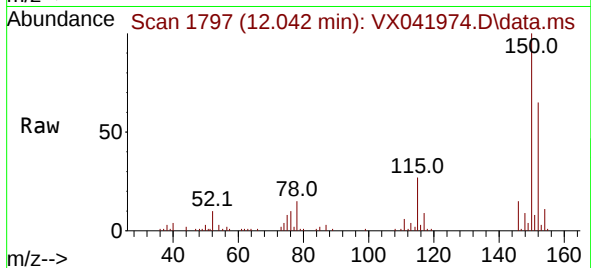
Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:146 Resp: 1949

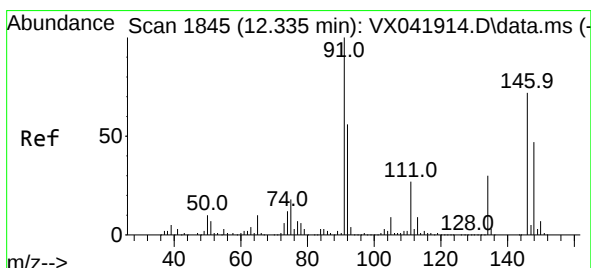
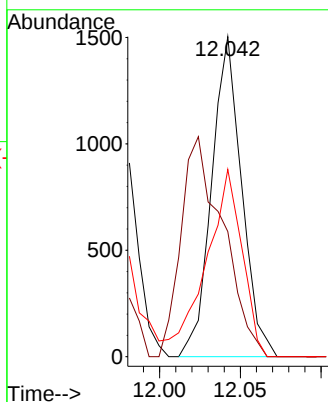
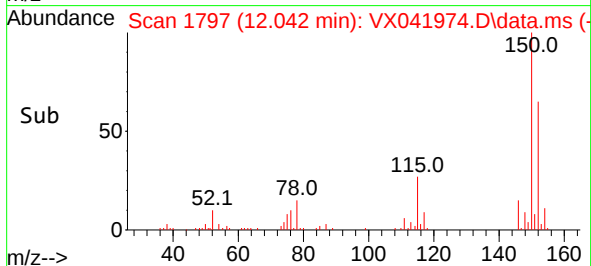
Ion	Ratio	Lower	Upper
146	100		
111	32.9	21.3	63.7
148	51.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#89

n-Butylbenzene

Concen: 0.392 ug/l

RT: 12.335 min Scan# 1845

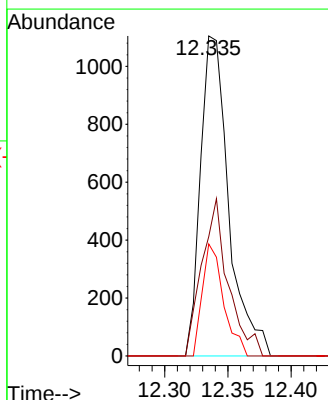
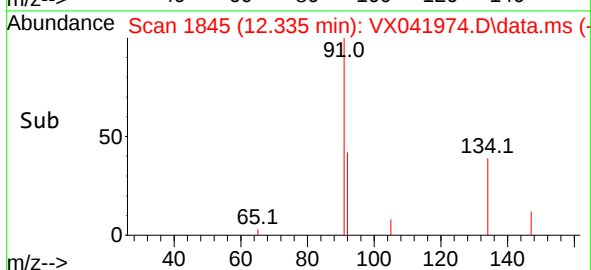
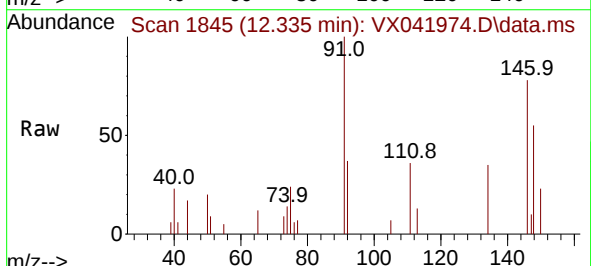
Delta R.T. -0.000 min

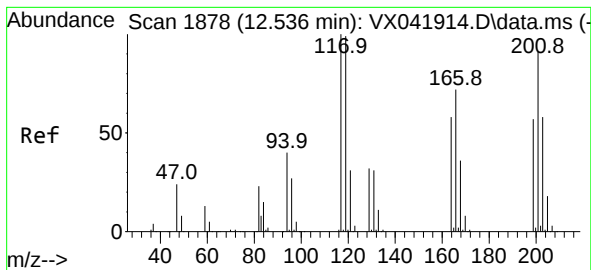
Lab File: VX041974.D

Acq: 21 Jun 2024 12:26

Tgt Ion: 91 Resp: 1719

Ion	Ratio	Lower	Upper
91	100		
92	46.1	27.4	82.0
134	26.4	12.6	37.8





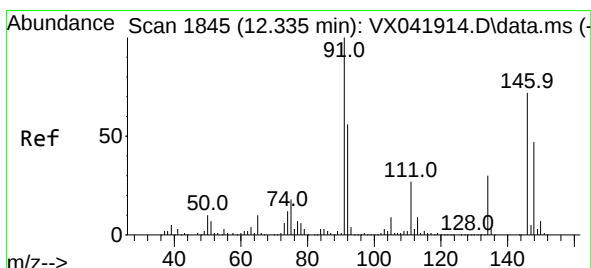
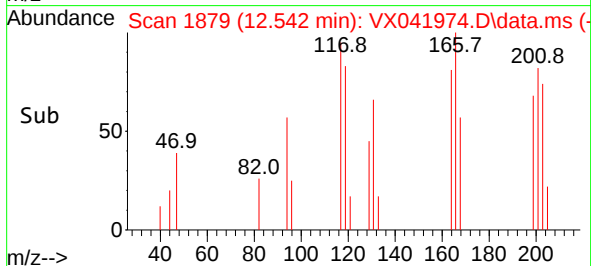
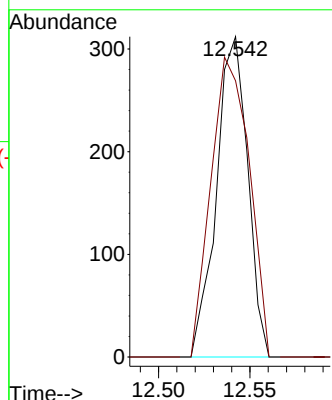
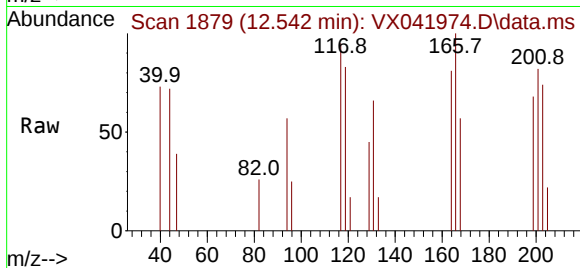
#90
Hexachloroethane
Concen: 0.382 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:117 Resp: 37
Ion Ratio Lower Upper
117 100
201 115.1 32.9 98.6

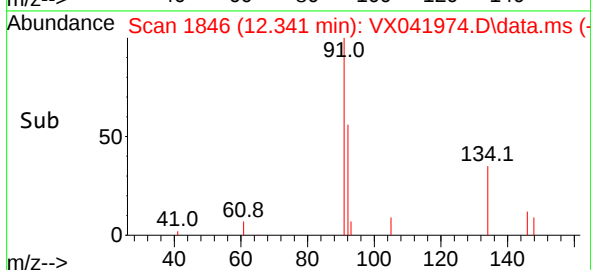
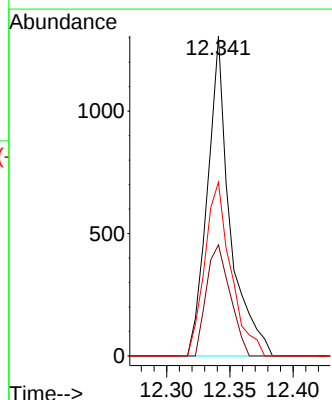
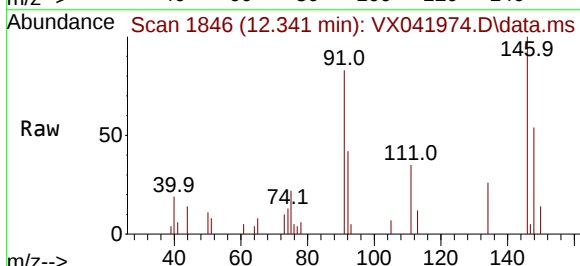
Manual Integrations
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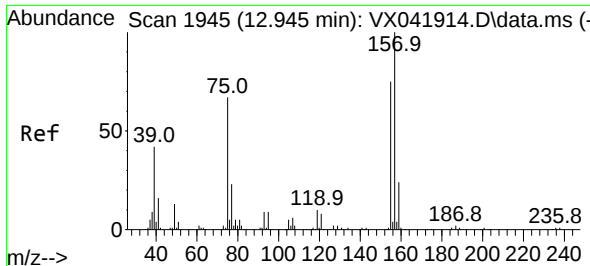
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#91
1,2-Dichlorobenzene
Concen: 0.479 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

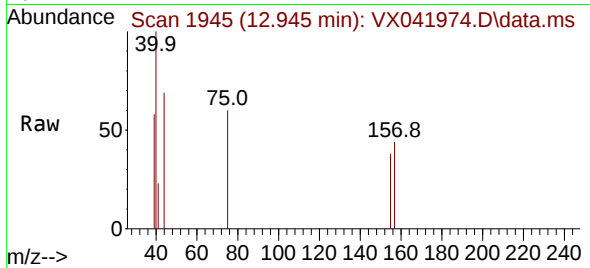
Tgt Ion:146 Resp: 1620
Ion Ratio Lower Upper
146 100
111 36.5 22.4 67.0
148 62.9 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.408 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

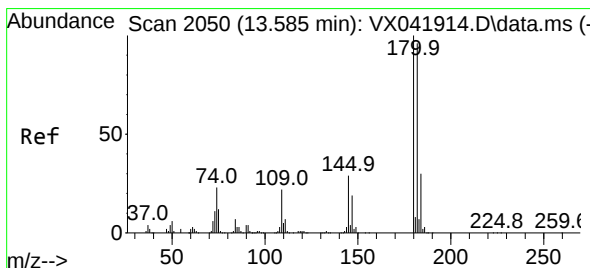
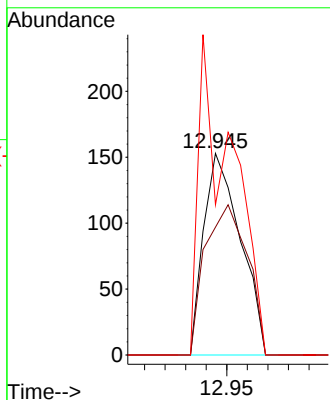
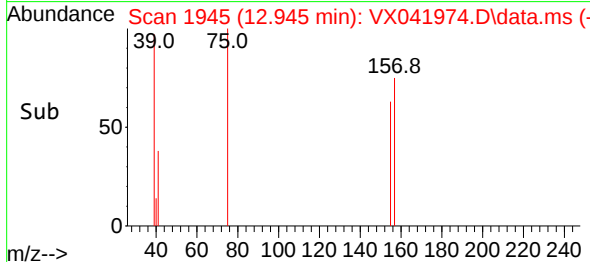
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024



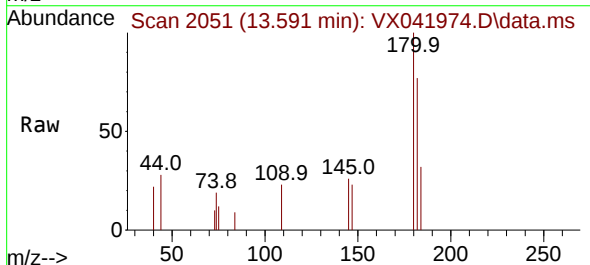
Tgt Ion: 75 Resp: 190
Ion Ratio Lower Upper
75 100
155 85.8 36.1 108.5
157 144.7 44.9 134.7

Manual Integrations
APPROVED

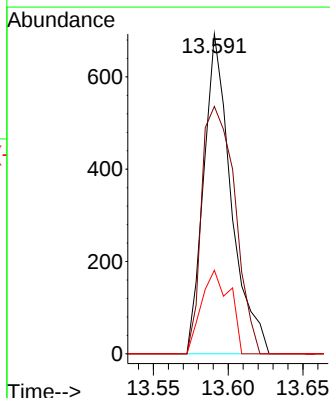
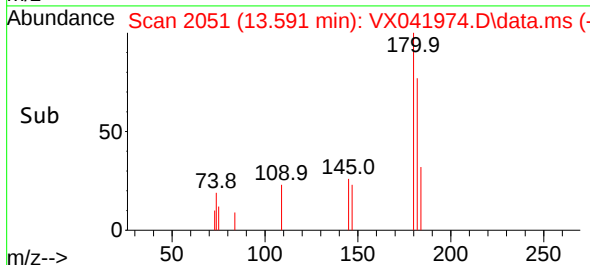
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

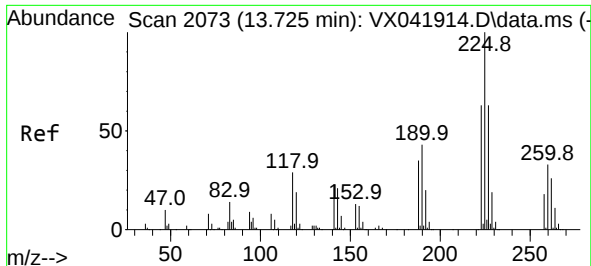


#93
1,2,4-Trichlorobenzene
Concen: 0.399 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26



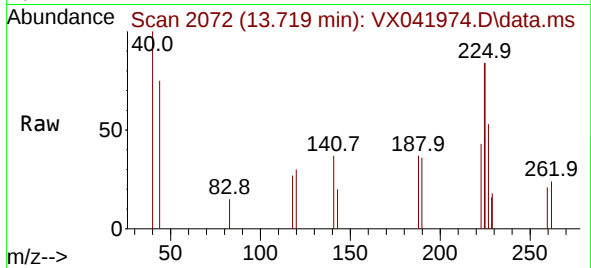
Tgt Ion:180 Resp: 884
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.8
145 27.1 18.0 54.0





#94
Hexachlorobutadiene
Concen: 0.598 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

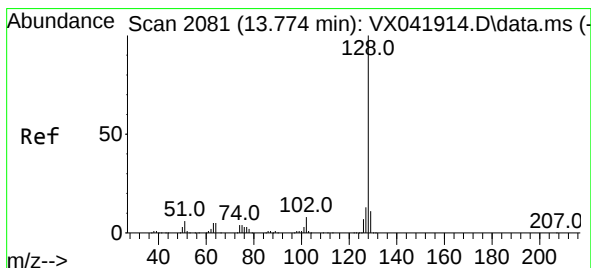
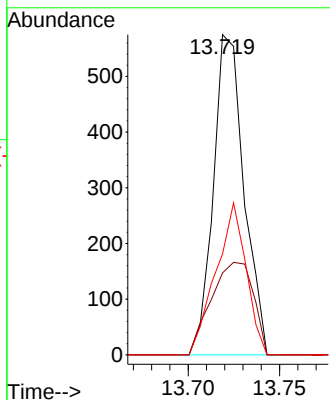
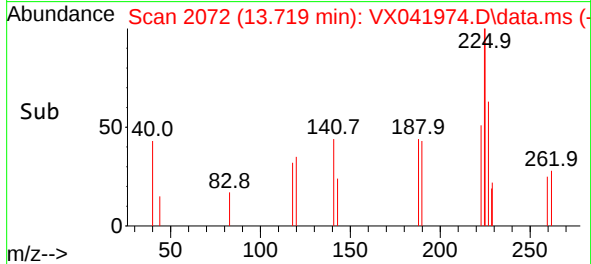
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:225 Resp: 670
Ion Ratio Lower Upper
225 100
223 39.7 31.1 93.2
227 46.9 32.5 97.5

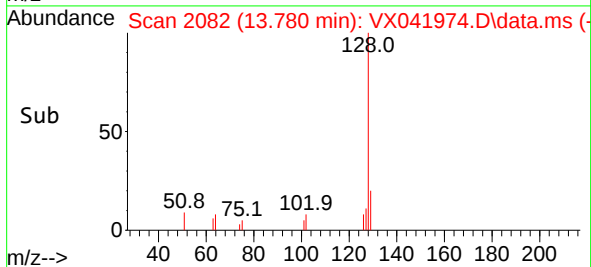
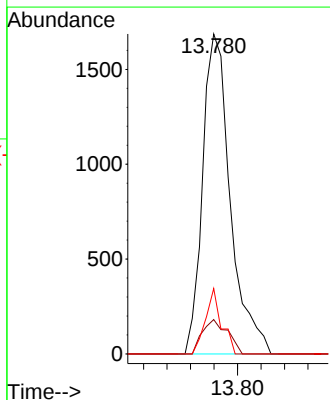
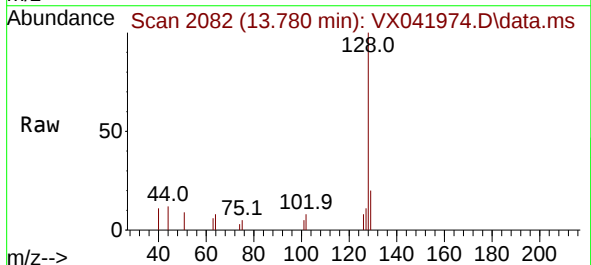
Manual Integrations
APPROVED

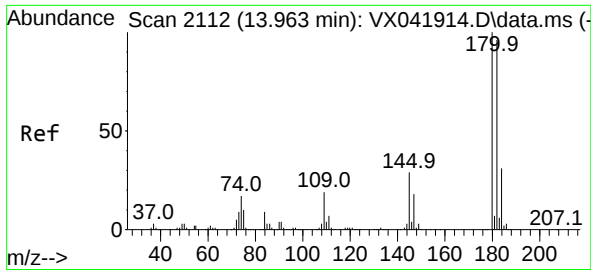
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#95
Naphthalene
Concen: 0.404 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041974.D
Acq: 21 Jun 2024 12:26

Tgt Ion:128 Resp: 2761
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 11.7 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.478 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX041974.D

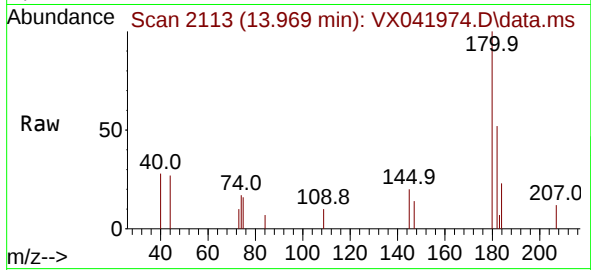
Acq: 21 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:180 Resp: 111

Ion Ratio Lower Upper

180 100

182 73.2 46.9 140.6

145 25.5 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024

