

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030624\
 Data File : VX040597.D
 Acq On : 06 Mar 2024 10:58
 Operator : JC/MD
 Sample : P1187-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Mar 07 04:34:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

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

Internal Standards						
1) Bromochloromethane	4.891	128	14963	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	84961	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	79802	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44517	29.789	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.300%		
60) 4-Bromofluorobenzene	11.079	95	40309	29.447	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.167%		
63) Toluene-d8	8.647	98	107367	30.444	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.467%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2935	2.892	ug/l	94
3) Chloromethane	1.294	50	2910	2.799	ug/l	99
4) Vinyl Chloride	1.374	62	2767	2.462	ug/l	92
5) Bromomethane	1.605	94	2066	3.010	ug/l	90
6) Chloroethane	1.691	64	1564	2.369	ug/l	96
7) Trichlorofluoromethane	1.886	101	4276	2.499	ug/l	97
8) Diethyl Ether	2.136	74	1306	2.248	ug/l	62
9) 1,1,2-Trichlorotrifluo...	2.325	101	2555	2.726	ug/l	95
10) 1,1-Dichloroethene	2.319	96	2215	2.482	ug/l	82
11) Methyl Iodide	2.453	142	2144	1.987	ug/l	82
12) Methyl Acetate	2.703	43	3166	2.154	ug/l	96
13) Acrolein	2.239	56	3728	13.454	ug/l	94
14) Acrylonitrile	3.062	53	7252	12.530	ug/l	99
15) Acetone	2.373	58	2298	13.890	ug/l	76
16) Carbon Disulfide	2.508	76	6528	2.662	ug/l #	87
17) Allyl chloride	2.666	41	4087	2.482	ug/l	77
18) Methylene Chloride	2.782	84	2715	2.665	ug/l	94
19) trans-1,2-Dichloroethene	3.087	96	2438	2.503	ug/l #	83
20) Diisopropyl ether	3.757	45	7602	2.308	ug/l #	61
21) 1,1-Dichloroethane	3.605	63	4780	2.522	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	2764	2.443	ug/l #	89
23) tert-Butyl Alcohol	2.959	59	3343	12.225	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	7909	2.402	ug/l #	88
25) Chloroform	5.086	83	5174	2.495	ug/l	91
26) Cyclohexane	5.471	56	3651	2.387	ug/l #	28
29) 1,1-Dichloropropene	5.684	75	3756m	2.554	ug/l	
30) 2-Butanone	4.562	43	10978	12.233	ug/l #	92
31) 2,2-Dichloropropane	4.465	77	3957m	2.493	ug/l	
32) 1,1,1-Trichloroethane	5.379	97	4451	2.402	ug/l	94
33) Carbon Tetrachloride	5.672	117	3763	2.414	ug/l	91
34) Benzene	6.031	78	9872	2.487	ug/l	97
35) Methacrylonitrile	4.922	41	2076m	2.253	ug/l	
36) 1,2-Dichloroethane	6.086	62	4568	2.489	ug/l #	87
37) Trichloroethene	7.129	130	2824	2.647	ug/l	89
38) Methylcyclohexane	7.385	83	3806	2.403	ug/l	91
39) 1,2-Dichloropropane	7.434	63	2519	2.492	ug/l #	88
40) Dibromomethane	7.586	93	2173	2.736	ug/l	95
41) Bromodichloromethane	7.824	83	4038	2.556	ug/l #	94
42) Vinyl Acetate	3.721	43	35668	11.544	ug/l	100

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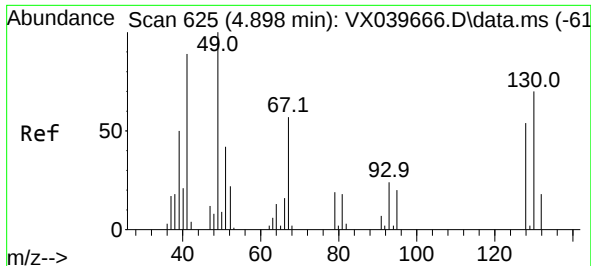
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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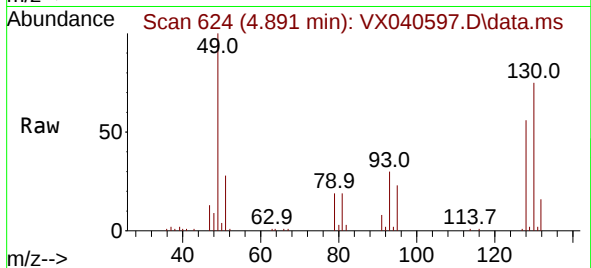
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	4570m	2.704	ug/l	
44) Isopropyl Acetate	6.342	43	6360	2.357	ug/l	92
45) 1,4-Dioxane	7.659	88	1330	47.960	ug/l #	28
46) Methyl methacrylate	7.696	41	2995	2.235	ug/l	96
47) n-amyl Acetate	10.841	43	4435	1.907	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	3761	2.252	ug/l	93
49) cis-1,3-Dichloropropene	8.372	75	4167	2.450	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	2552	2.419	ug/l	91
51) Ethyl methacrylate	9.116	69	3614	2.176	ug/l	81
52) 1,3-Dichloropropane	9.311	76	4826	2.681	ug/l	97
53) Dibromochloromethane	9.519	129	2676	2.225	ug/l	98
54) 1,2-Dibromoethane	9.610	107	2859	2.450	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	11031	13.044	ug/l	97
56) Bromoform	10.799	173	1848	2.167	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	20556	11.568	ug/l	98
59) 2-Hexanone	9.433	43	16711	11.643	ug/l	96
61) Tetrachloroethene	9.275	164	2534	2.675	ug/l	93
62) Toluene	8.720	91	11211	2.551	ug/l	98
64) Chlorobenzene	10.079	112	6742	2.510	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	2587	2.525	ug/l	96
66) Ethyl Benzene	10.195	91	12311	2.429	ug/l	99
67) m/p-Xylenes	10.299	106	8612	4.602	ug/l	90
68) o-Xylene	10.640	106	4145	2.301	ug/l	80
69) Styrene	10.659	104	6822	2.254	ug/l	96
70) Isopropylbenzene	10.963	105	11937	2.452	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.207	83	4449	2.607	ug/l	95
72) 1,2,3-Trichloropropane	11.238	75	3533m	2.301	ug/l	
73) Bromobenzene	11.195	156	2788	2.419	ug/l	96
74) n-propylbenzene	11.305	91	14605	2.429	ug/l	99
75) 2-Chlorotoluene	11.366	91	9632	2.700	ug/l	94
76) 1,3,5-Trimethylbenzene	11.451	105	10304	2.404	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	915	1.918	ug/l	81
78) 4-Chlorotoluene	11.457	91	10223	2.402	ug/l	100
79) tert-butylbenzene	11.713	119	9548	2.387	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	9474	2.244	ug/l	100
81) sec-Butylbenzene	11.890	105	12375	2.343	ug/l	99
82) p-Isopropyltoluene	12.006	119	9782	2.263	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	5632	2.512	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	5976	2.606	ug/l	97
85) n-Butylbenzene	12.335	91	9295	2.210	ug/l	97
86) Hexachloroethane	12.536	117	1458	1.933	ug/l	77
87) 1,2-Dichlorobenzene	12.335	146	5356	2.458	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	917	2.010	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	3697	2.520	ug/l	97
90) Hexachlorobutadiene	13.719	225	1599	2.695	ug/l	98
91) Naphthalene	13.774	128	10249	2.142	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	3426	2.368	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

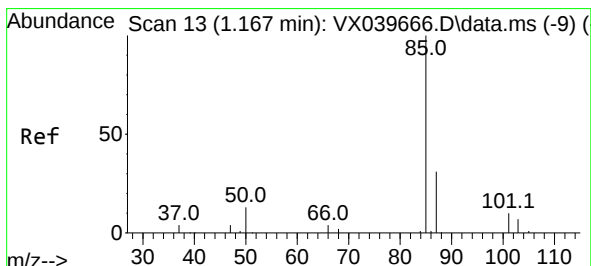
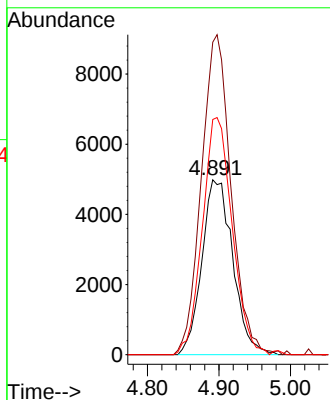
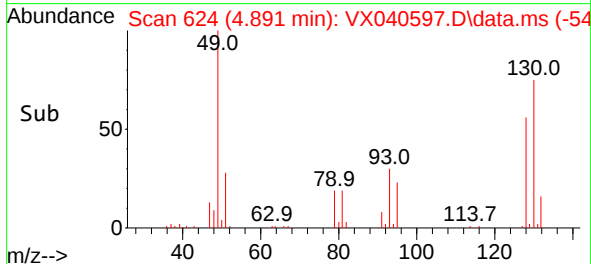
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:128 Resp: 1496
Ion Ratio Lower Upper
128 100
49 175.8 0.0 444.0
130 130.9 0.0 297.8

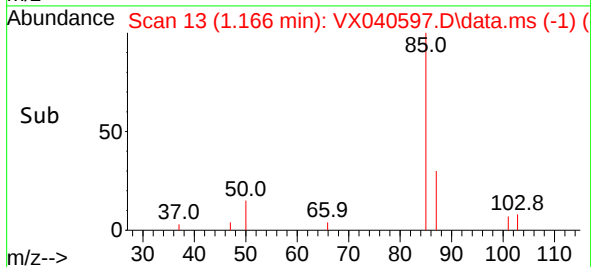
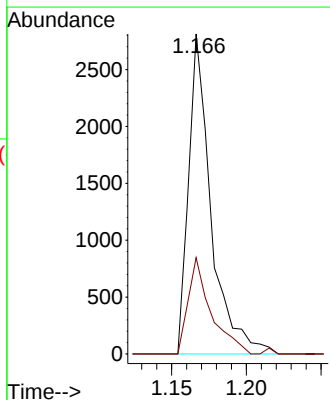
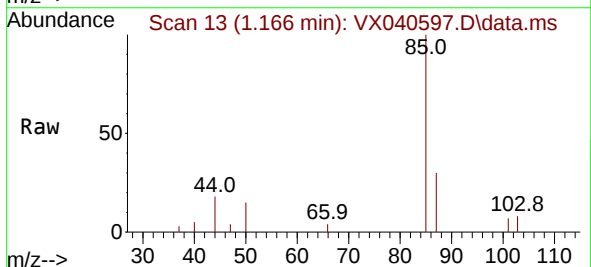
Manual Integrations
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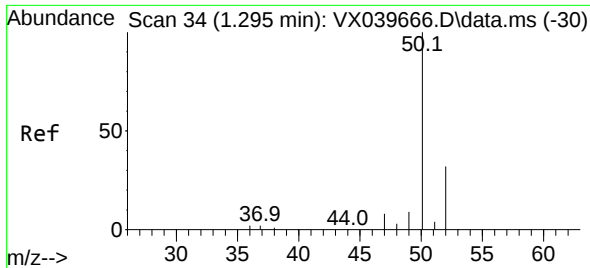
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#2
Dichlorodifluoromethane
Concen: 2.892 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

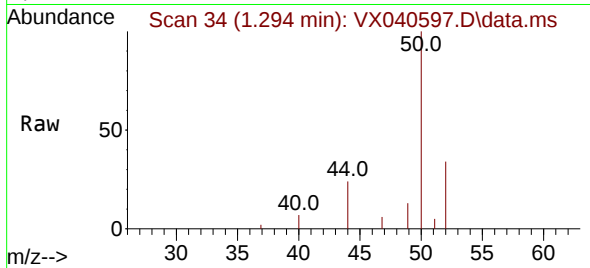
Tgt Ion: 85 Resp: 2935
Ion Ratio Lower Upper
85 100
87 30.1 16.7 50.1





#3
Chloromethane
Concen: 2.799 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

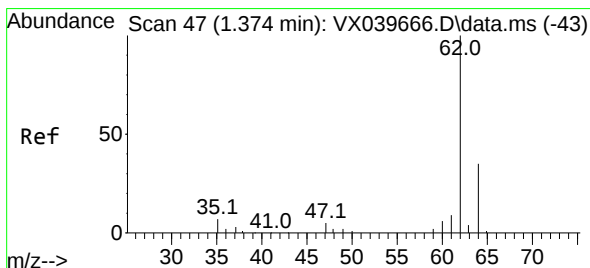
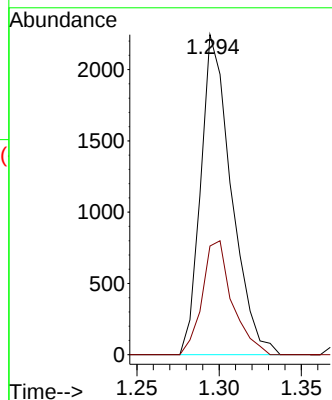
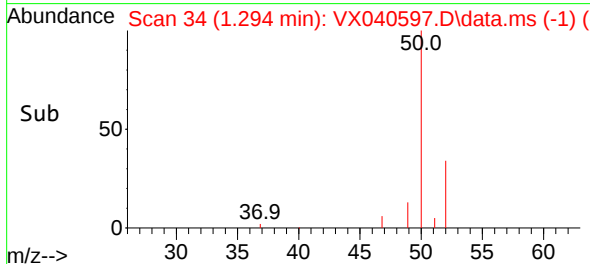
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 50 Resp: 2910
Ion Ratio Lower Upper
50 100
52 33.9 27.8 41.8

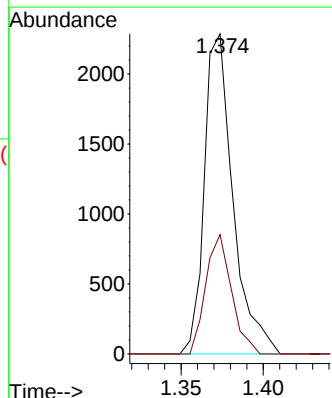
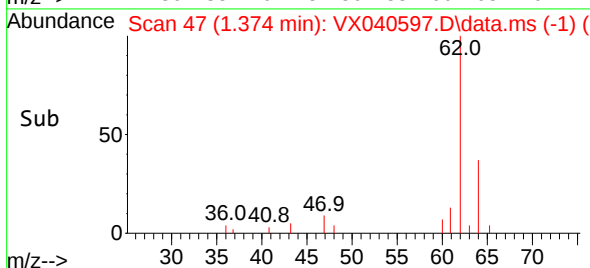
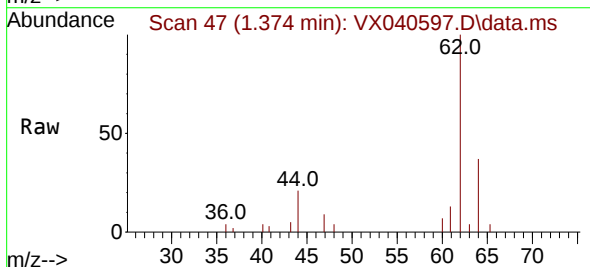
Manual Integrations
APPROVED

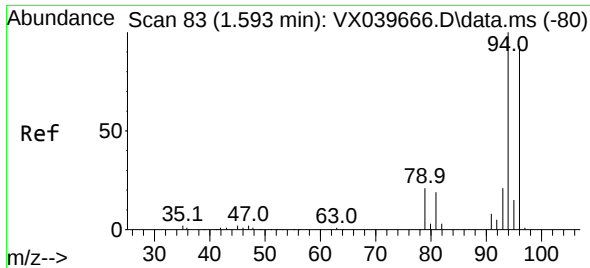
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#4
Vinyl Chloride
Concen: 2.462 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Tgt Ion: 62 Resp: 2767
Ion Ratio Lower Upper
62 100
64 37.3 26.3 39.5





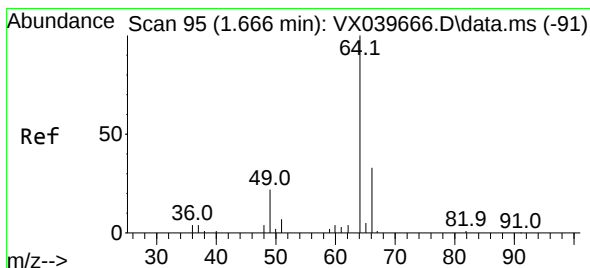
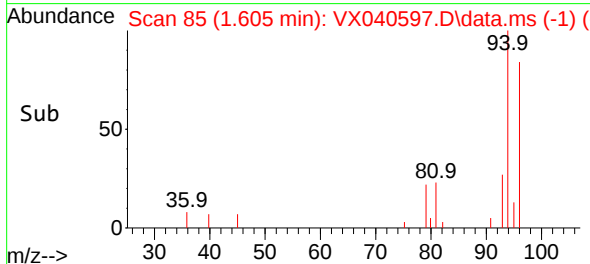
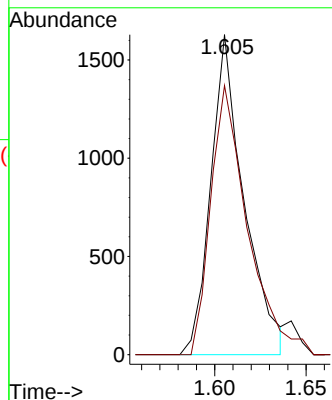
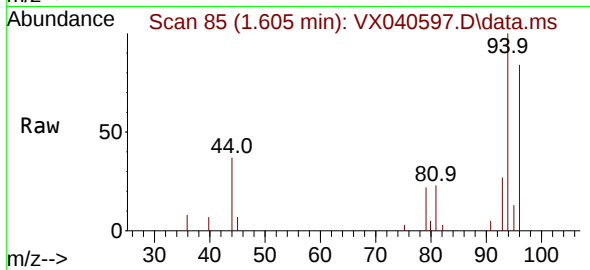
#5
Bromomethane
Concen: 3.010 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 94 Resp: 2060
Ion Ratio Lower Upper
94 100
96 84.1 74.9 112.3

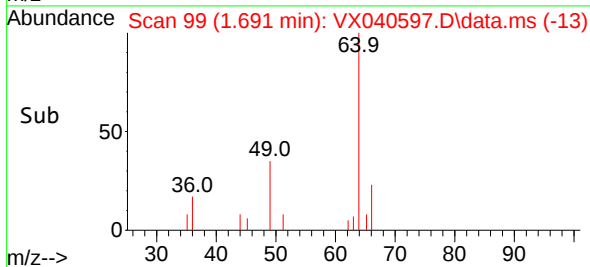
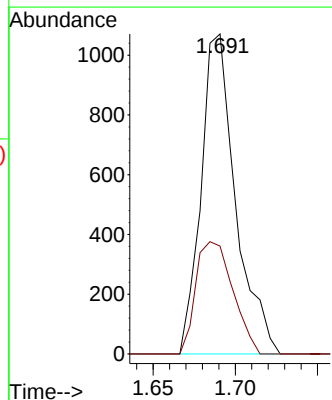
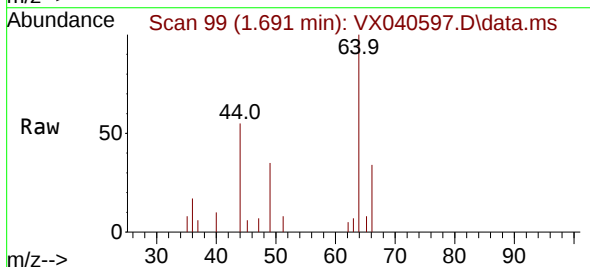
Manual Integrations
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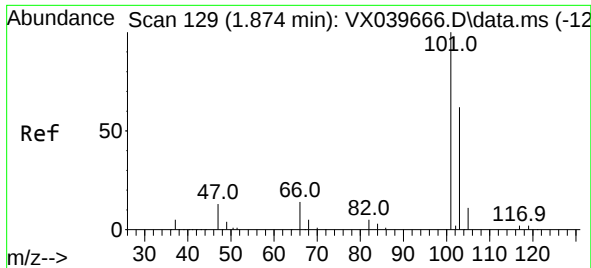
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#6
Chloroethane
Concen: 2.369 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.025 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

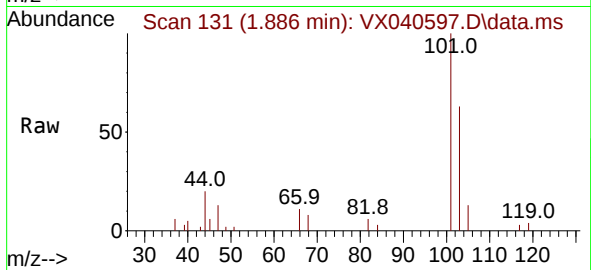
Tgt Ion: 64 Resp: 1564
Ion Ratio Lower Upper
64 100
66 33.7 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 2.499 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX040597.D
 Acq: 06 Mar 2024 10:58

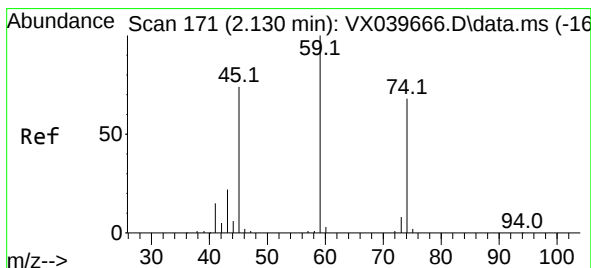
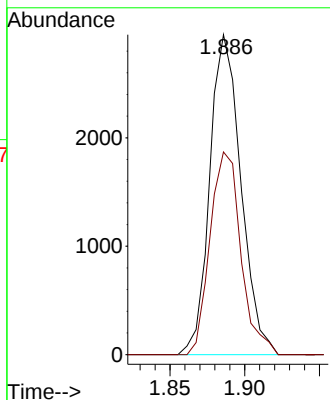
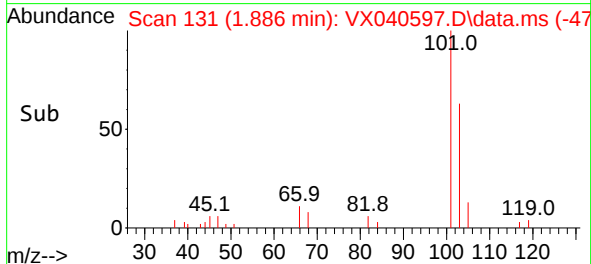
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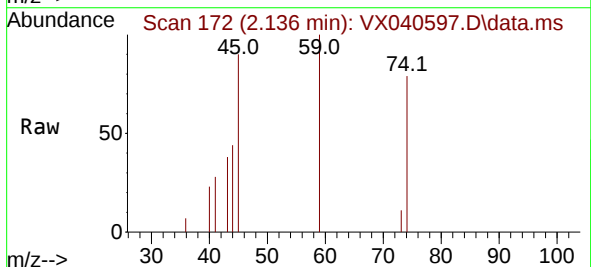
Tgt Ion:101 Resp: 4270
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.1 73.7

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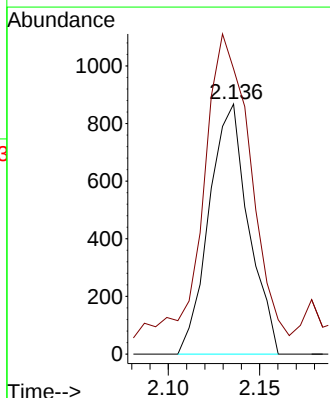
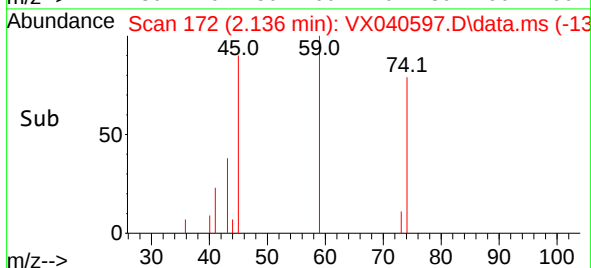
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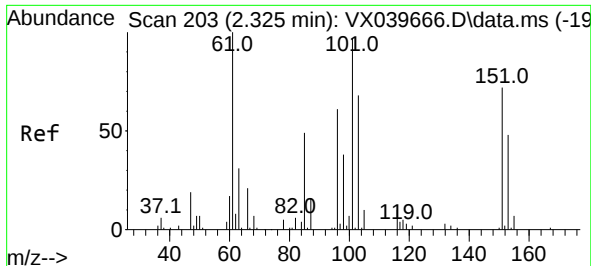


#8
 Diethyl Ether
 Concen: 2.248 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX040597.D
 Acq: 06 Mar 2024 10:58



Tgt Ion: 74 Resp: 1306
 Ion Ratio Lower Upper
 74 100
 45 141.5 20.5 184.5





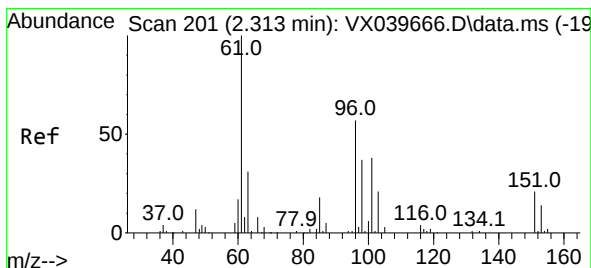
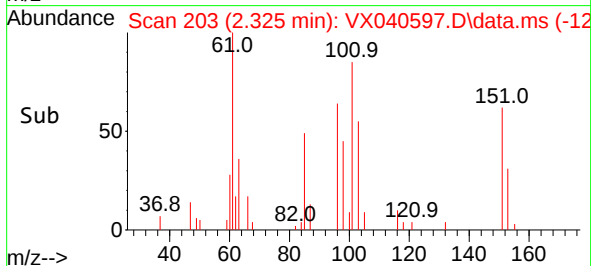
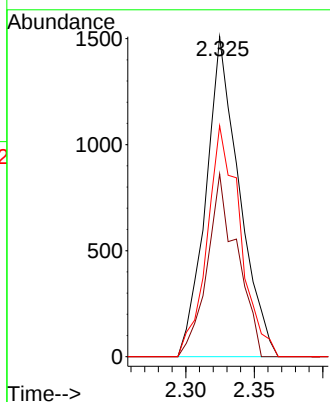
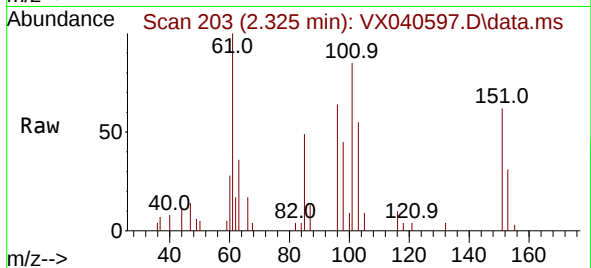
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1,1,2-Trichlorotrifluoroethane
Concen: 2.726 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion:101 Resp: 255
Ion Ratio Lower Upper
101 100
85 51.2 0.0 95.2
151 71.6 0.0 136.8

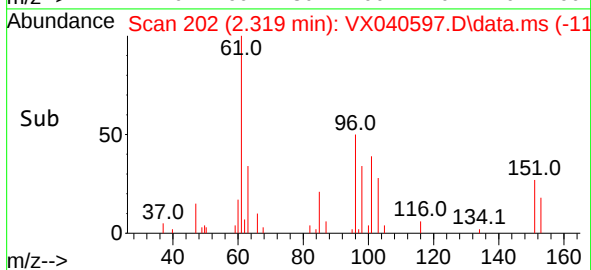
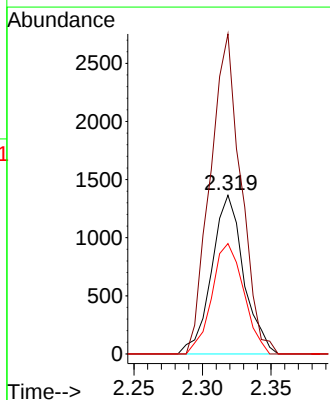
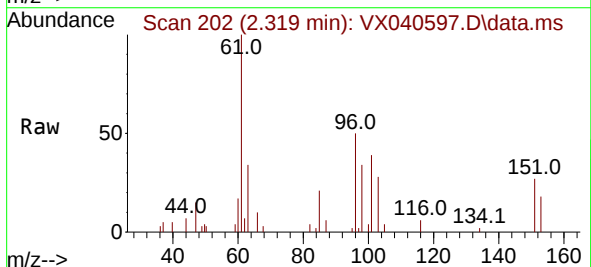
Manual Integrations
APPROVED

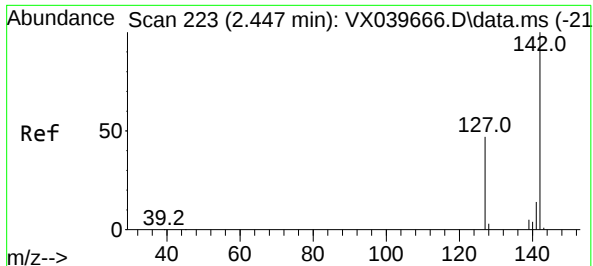
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#10
1,1-Dichloroethene
Concen: 2.482 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Tgt Ion: 96 Resp: 2215
Ion Ratio Lower Upper
96 100
61 201.7 138.3 207.5
98 69.5 49.8 74.6





#11

Methyl Iodide

Concen: 1.987 ug/l

RT: 2.453 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:142 Resp: 214

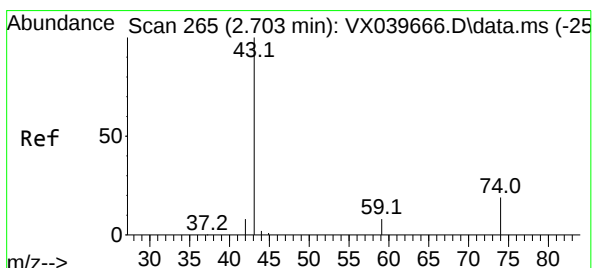
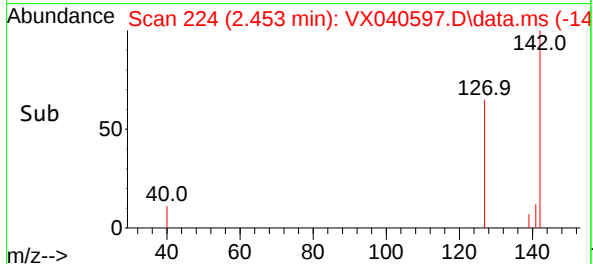
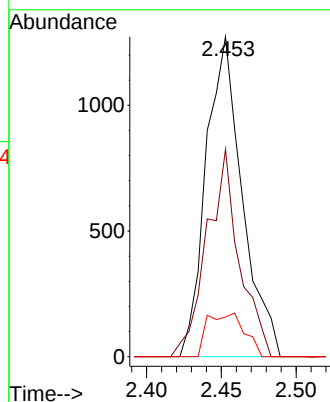
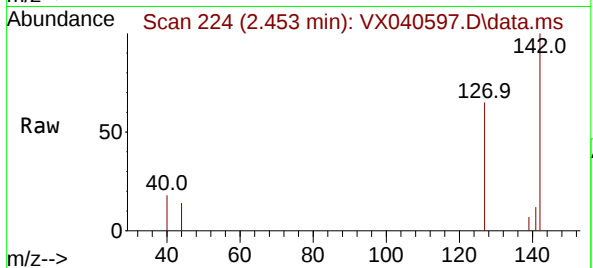
Ion	Ratio	Lower	Upper
142	100		
127	62.7	23.8	71.4
141	12.4	6.9	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#12

Methyl Acetate

Concen: 2.154 ug/l

RT: 2.703 min Scan# 265

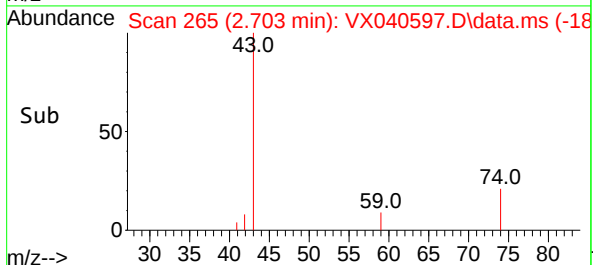
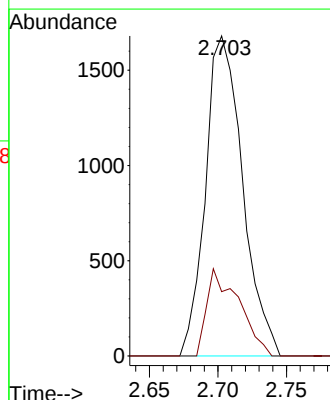
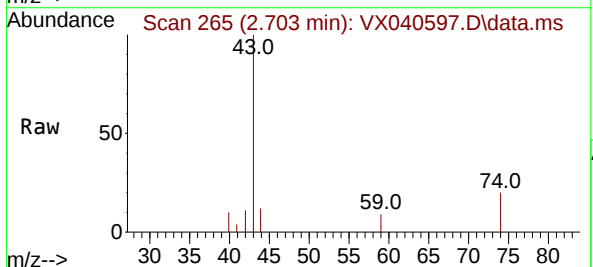
Delta R.T. -0.000 min

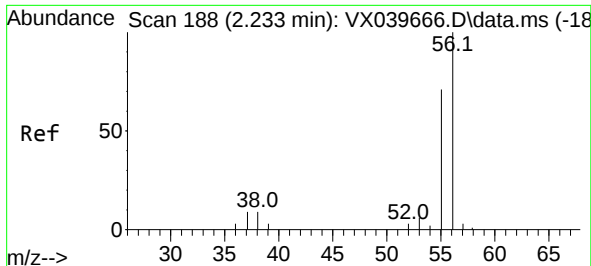
Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Tgt Ion: 43 Resp: 3166

Ion	Ratio	Lower	Upper
43	100		
74	20.1	17.8	26.6





#13

Acrolein

Concen: 13.454 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX040597.D

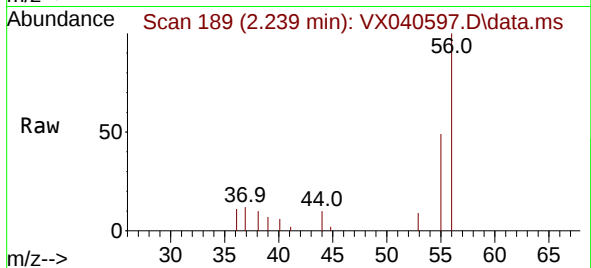
Acq: 06 Mar 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 56 Resp: 3728

Ion Ratio Lower Upper

56 100

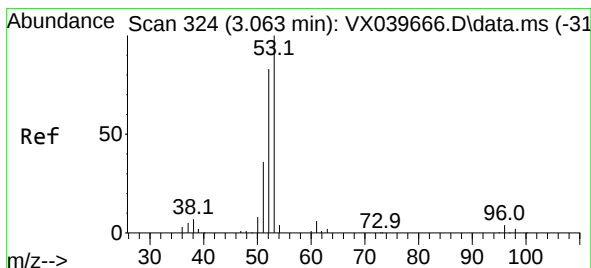
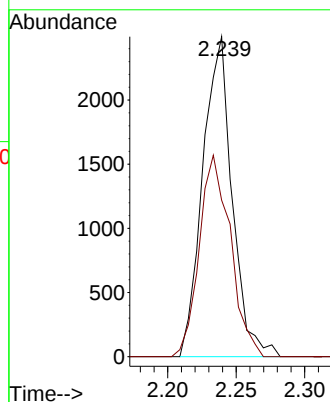
55 66.6 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#14

Acrylonitrile

Concen: 12.530 ug/l

RT: 3.062 min Scan# 324

Delta R.T. -0.001 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

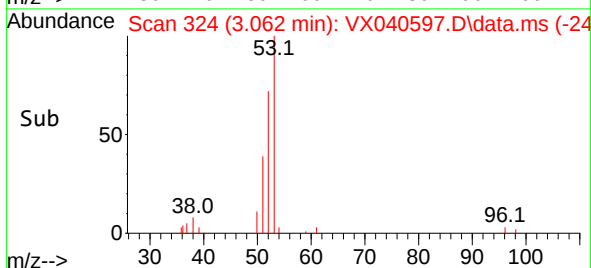
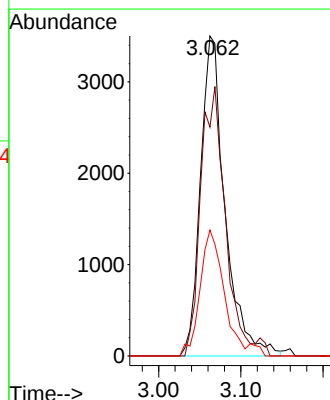
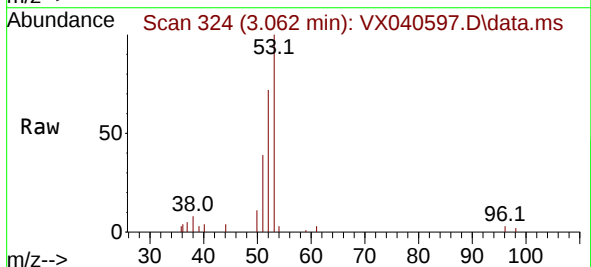
Tgt Ion: 53 Resp: 7252

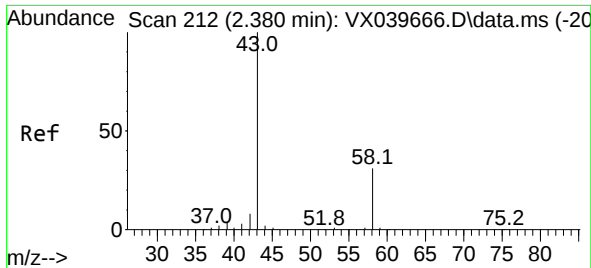
Ion Ratio Lower Upper

53 100

52 84.2 41.9 125.6

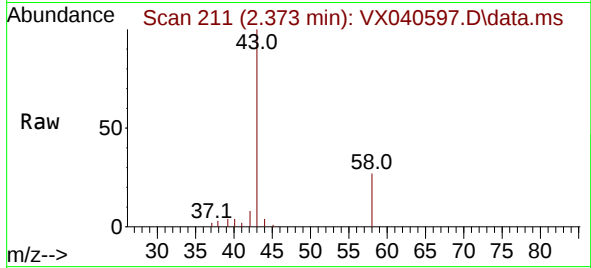
51 37.9 18.3 54.9





#15
Acetone
Concen: 13.890 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

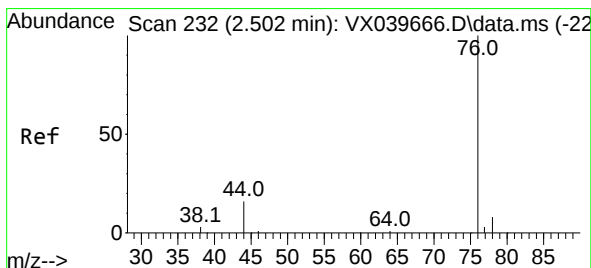
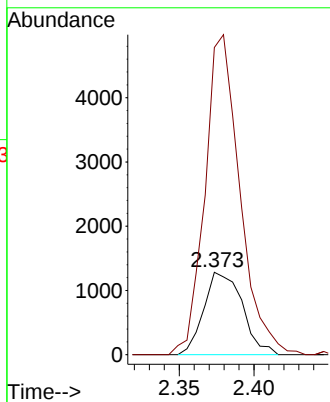
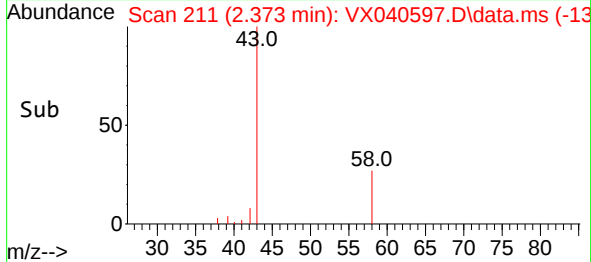
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 58 Resp: 2298
Ion Ratio Lower Upper
58 100
43 361.4 249.9 374.9

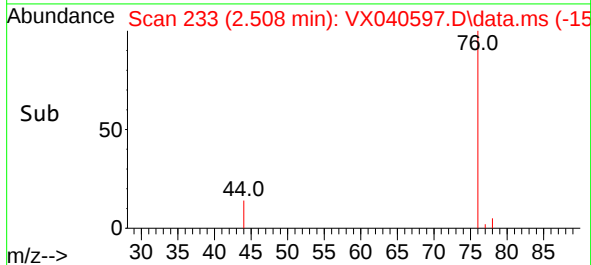
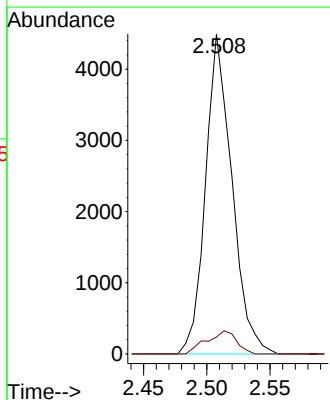
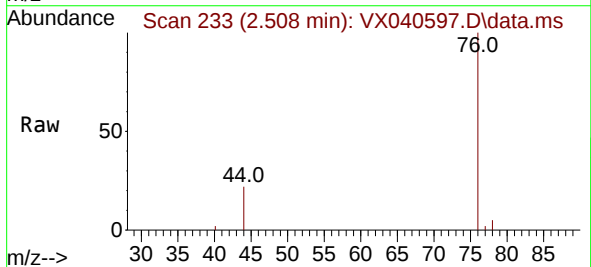
Manual Integrations
APPROVED

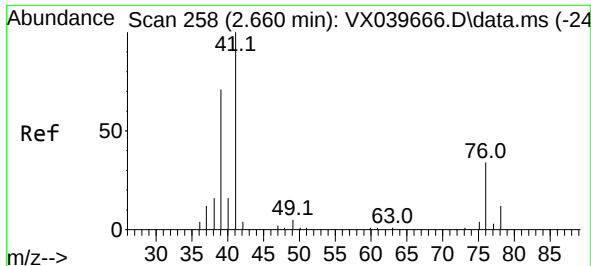
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#16
Carbon Disulfide
Concen: 2.662 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Tgt Ion: 76 Resp: 6528
Ion Ratio Lower Upper
76 100
78 5.3 8.0 12.0#





#17

Allyl chloride

Concen: 2.482 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Instrument :

MSVOA_X

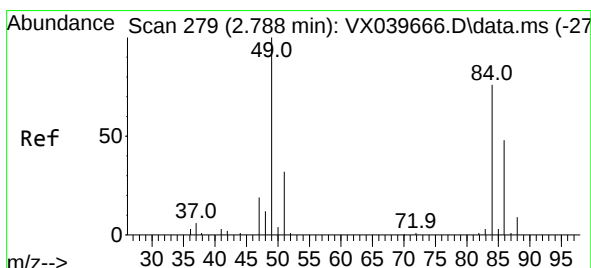
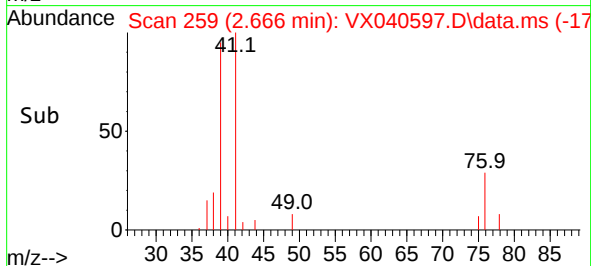
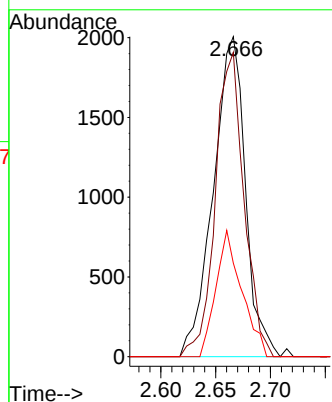
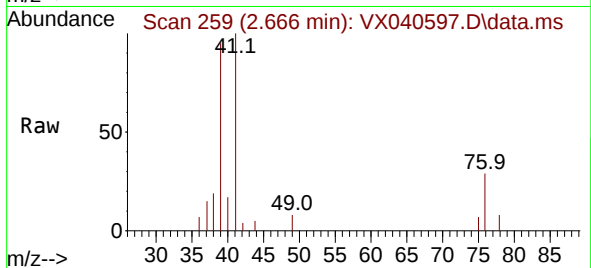
ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 41	Resp: 408
Ion Ratio	Lower Upper
41 100	
39 95.1	36.5 109.5
76 29.3	19.7 59.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#18

Methylene Chloride

Concen: 2.665 ug/l

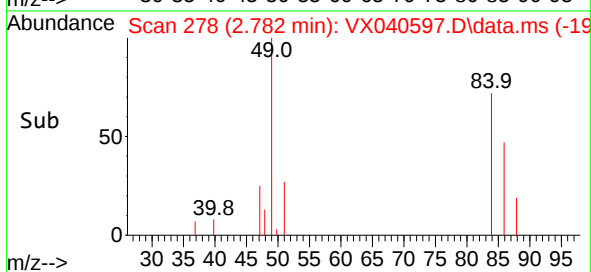
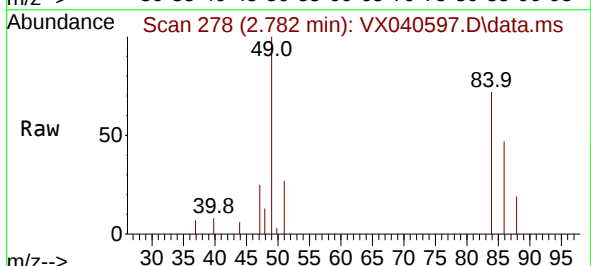
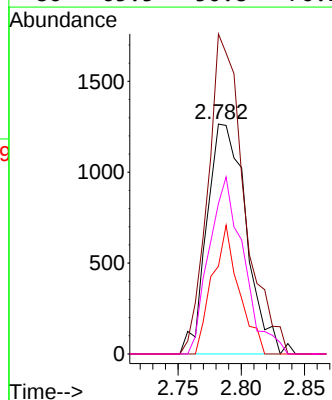
RT: 2.782 min Scan# 278

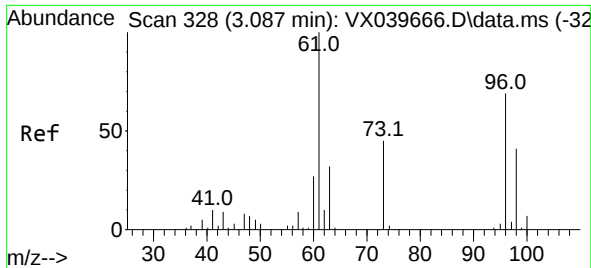
Delta R.T. -0.006 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

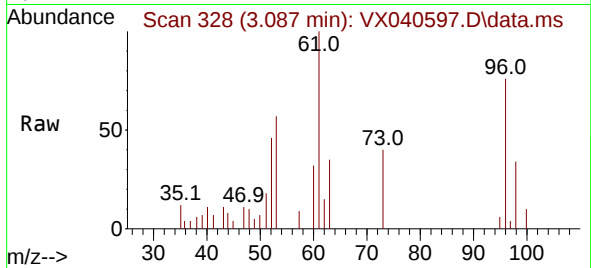
Tgt Ion: 84	Resp: 2715
Ion Ratio	Lower Upper
84 100	
49 139.2	103.8 155.8
51 38.1	31.8 47.6
86 65.5	50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 2.503 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

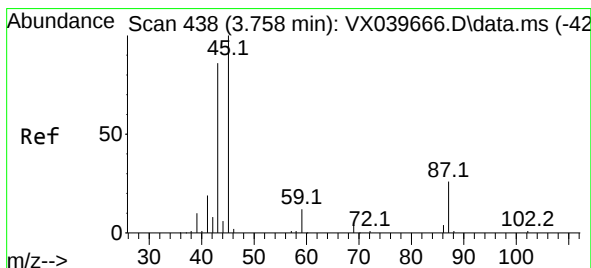
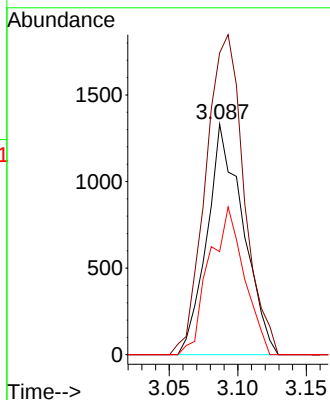
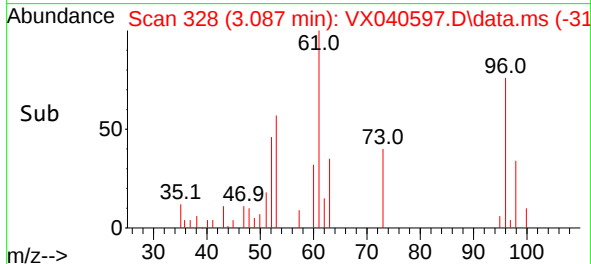
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 96 Resp: 2438
Ion Ratio Lower Upper
96 100
61 130.9 117.9 176.9
98 44.7 51.0 76.6

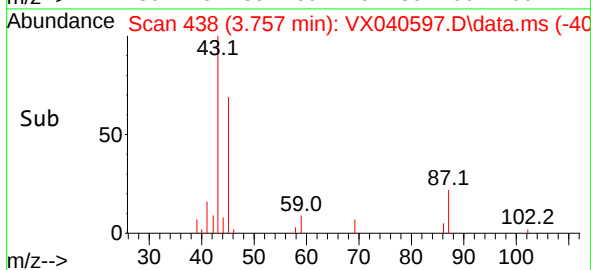
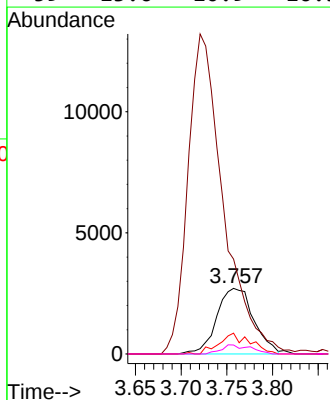
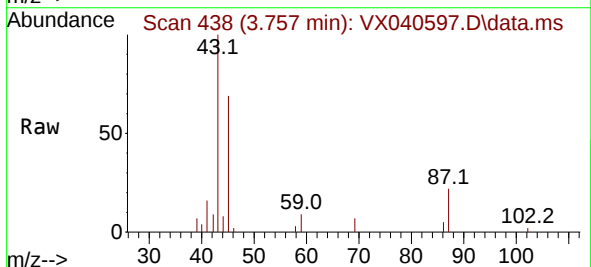
Manual Integrations
APPROVED

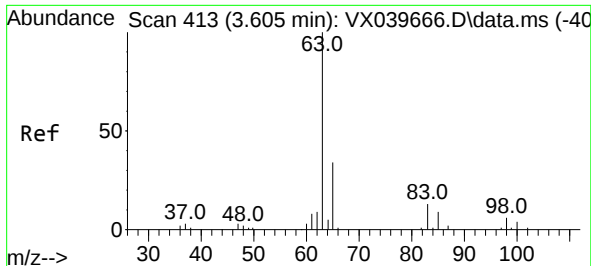
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#20
Diisopropyl ether
Concen: 2.308 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Tgt Ion: 45 Resp: 7602
Ion Ratio Lower Upper
45 100
43 134.2 67.7 101.5#
87 31.6 21.5 32.3
59 13.6 10.9 16.3





#21

1,1-Dichloroethane

Concen: 2.522 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

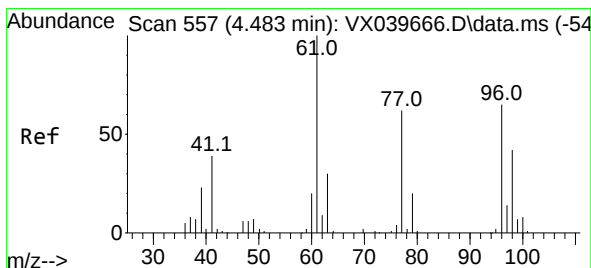
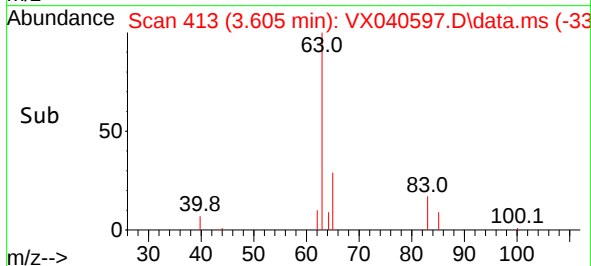
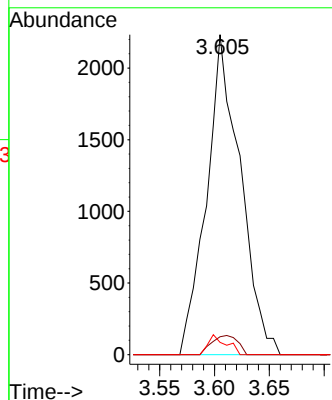
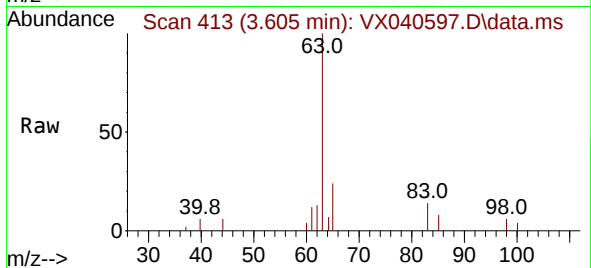
Tgt Ion: 63	Resp: 4780
Ion Ratio	Lower Upper
63 100	
98 5.6	2.9 8.8
100 3.9	2.0 5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#22

cis-1,2-Dichloroethene

Concen: 2.443 ug/l

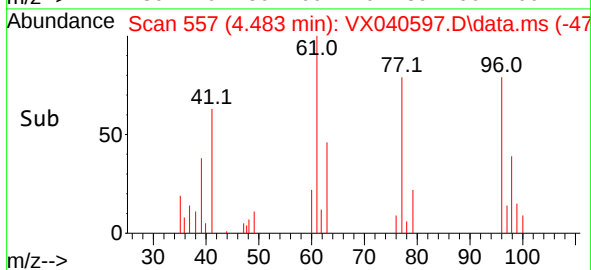
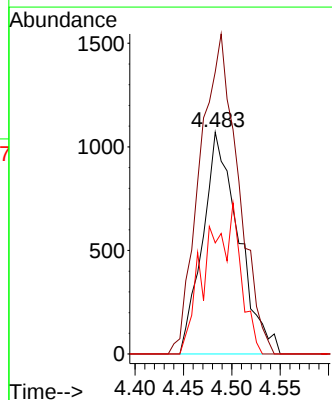
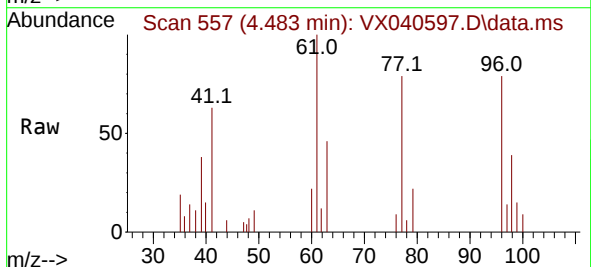
RT: 4.483 min Scan# 557

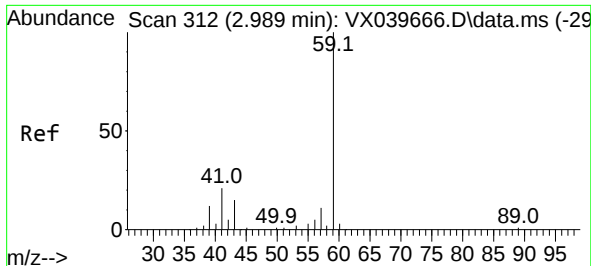
Delta R.T. -0.000 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

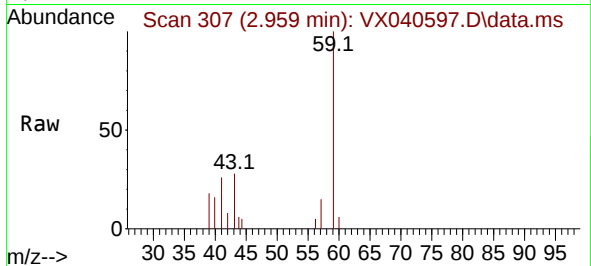
Tgt Ion: 96	Resp: 2764
Ion Ratio	Lower Upper
96 100	
61 154.2	119.8 179.6
98 42.5	50.9 76.3





#23
tert-Butyl Alcohol
Concen: 12.225 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

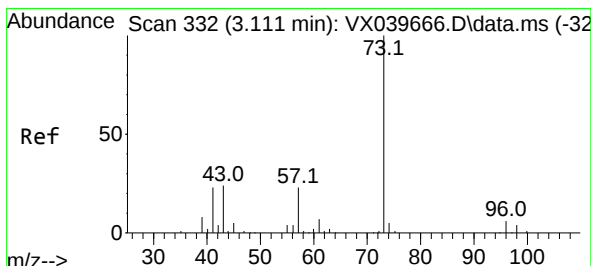
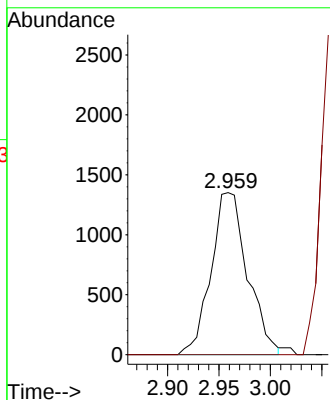
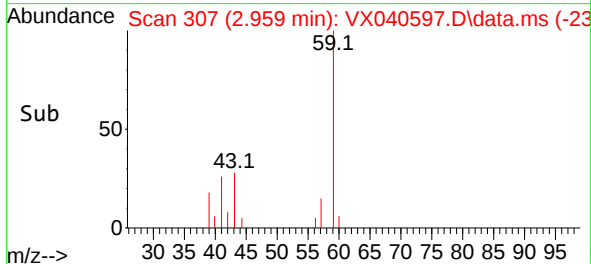
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 59 Resp: 334
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

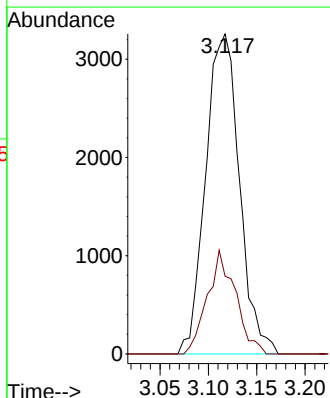
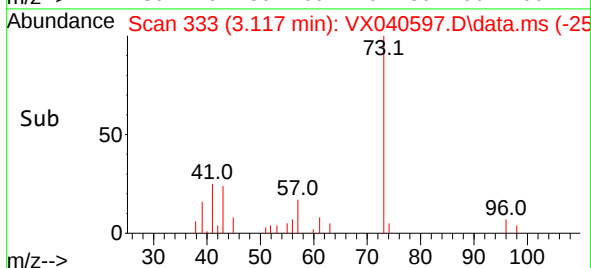
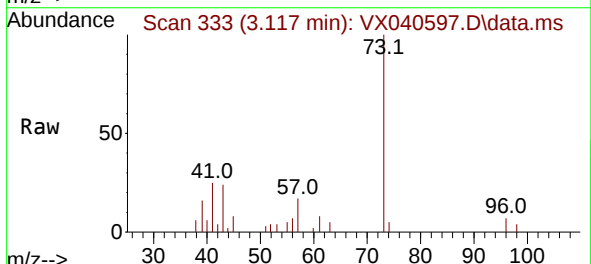
Manual Integrations
APPROVED

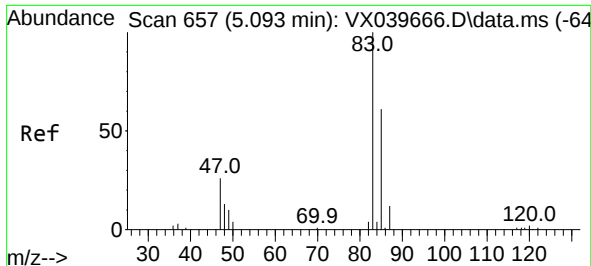
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#24
Methyl tert-Butyl Ether
Concen: 2.402 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Tgt Ion: 73 Resp: 7909
Ion Ratio Lower Upper
73 100
43 27.0 17.0 25.6#





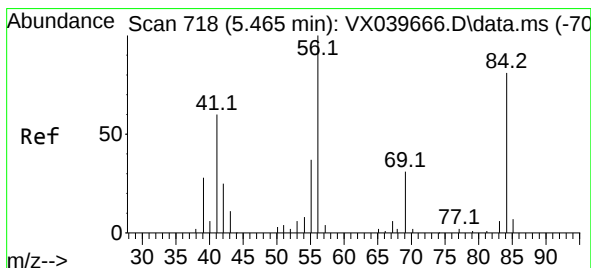
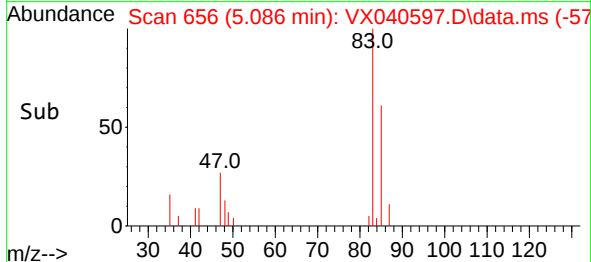
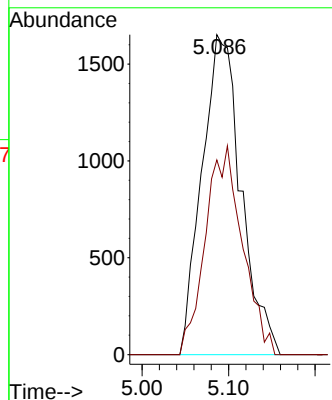
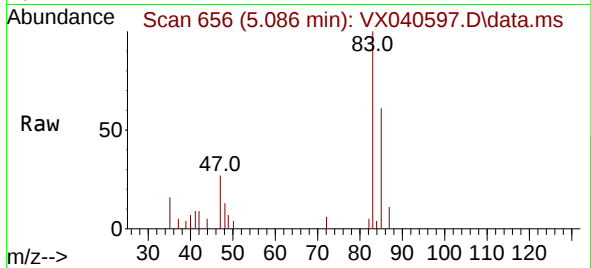
#25
Chloroform
Concen: 2.495 ug/l
RT: 5.086 min Scan# 614
Delta R.T. -0.007 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 83 Resp: 5174
Ion Ratio Lower Upper
83 100
85 60.8 54.6 81.8

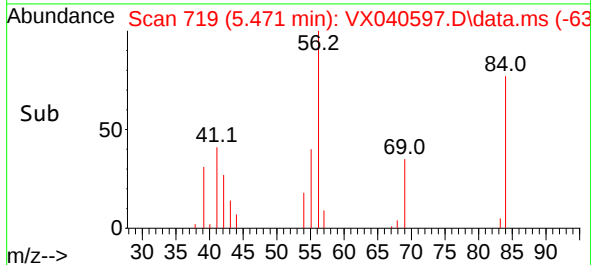
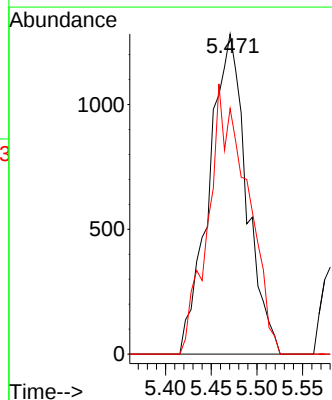
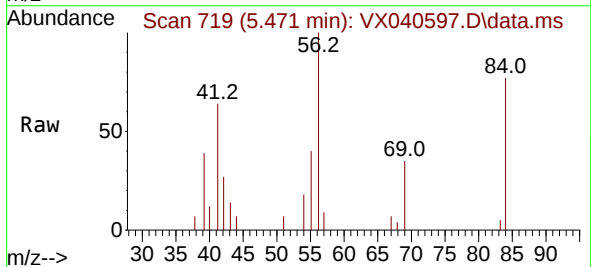
Manual Integrations
APPROVED

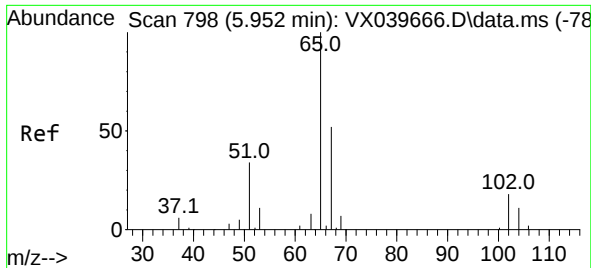
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#26
Cyclohexane
Concen: 2.387 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Tgt Ion: 56 Resp: 3651
Ion Ratio Lower Upper
56 100
89 0.5 0.0 0.0#
84 19.2 67.2 100.8#





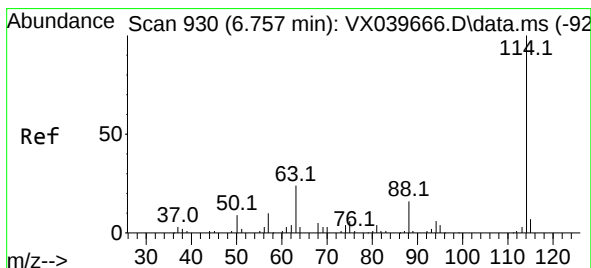
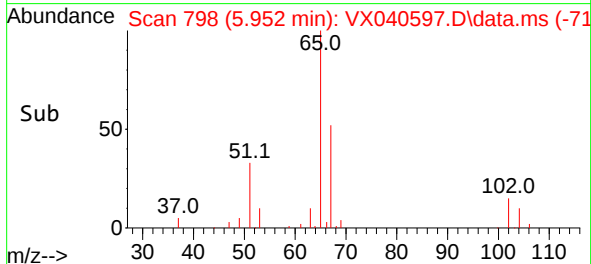
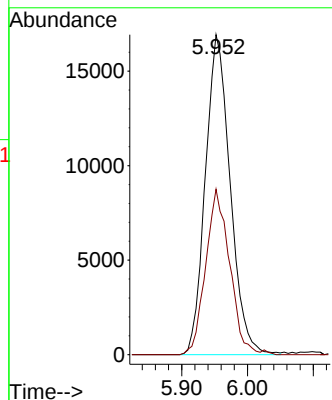
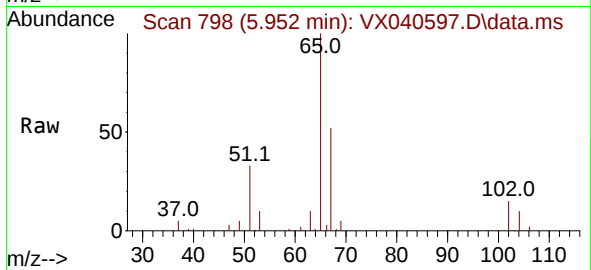
#27
1,2-Dichloroethane-d4
Concen: 29.789 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 65 Resp: 4451
Ion Ratio Lower Upper
65 100
67 49.7 42.5 63.7

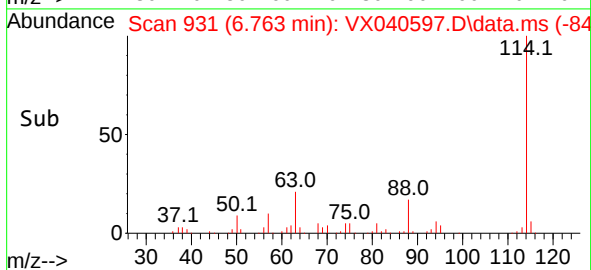
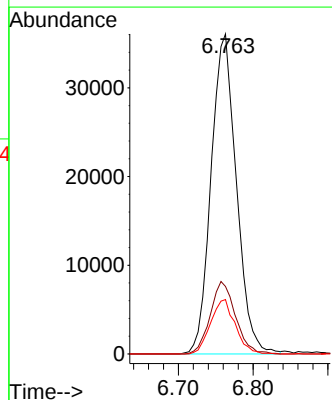
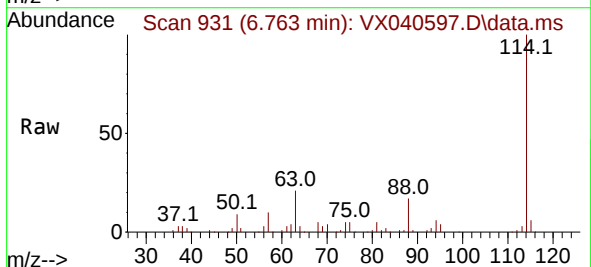
Manual Integrations
APPROVED

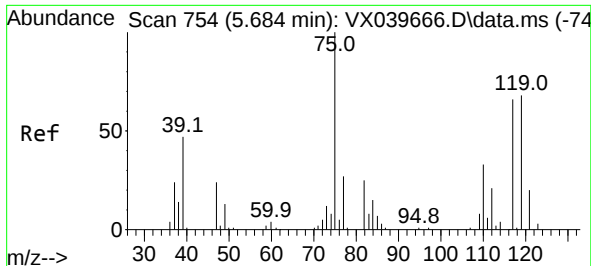
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

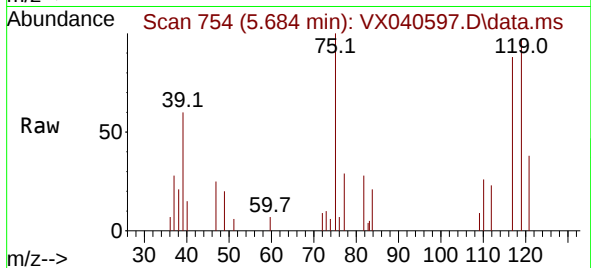
Tgt Ion:114 Resp: 84961
Ion Ratio Lower Upper
114 100
63 22.3 17.0 25.4
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 2.554 ug/l m
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

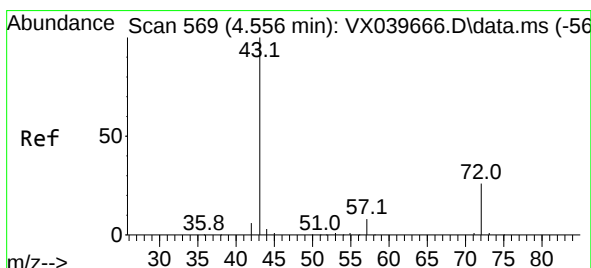
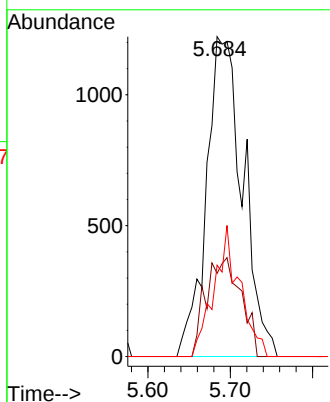
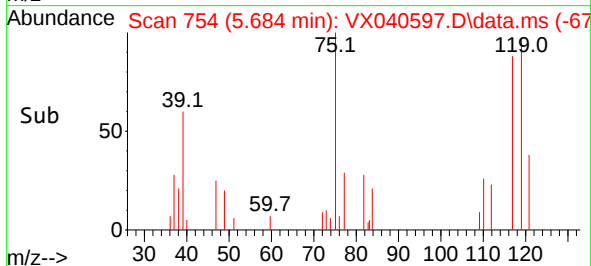
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



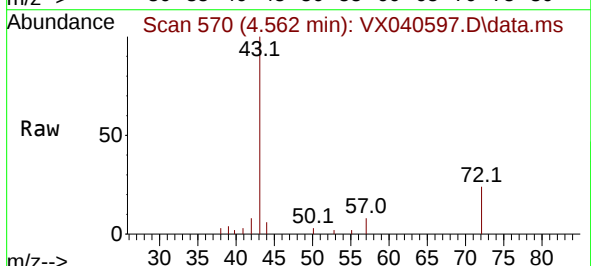
Tgt Ion: 75 Resp: 3750
Ion Ratio Lower Upper
75 100
110 11.8 0.0 71.2
77 0.0 0.0 62.6

Manual Integrations
APPROVED

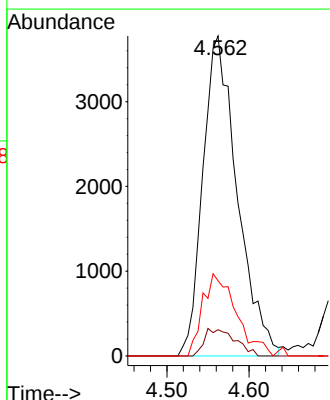
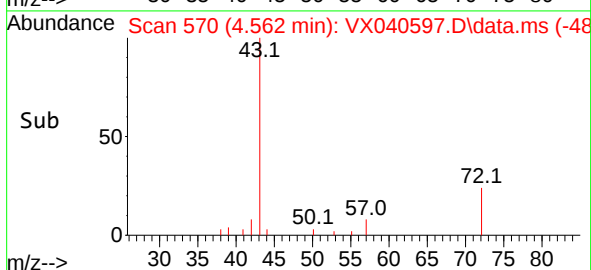
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

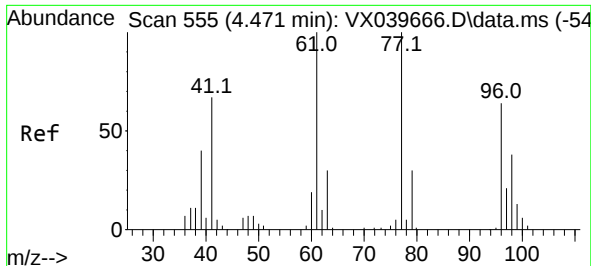


#30
2-Butanone
Concen: 12.233 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



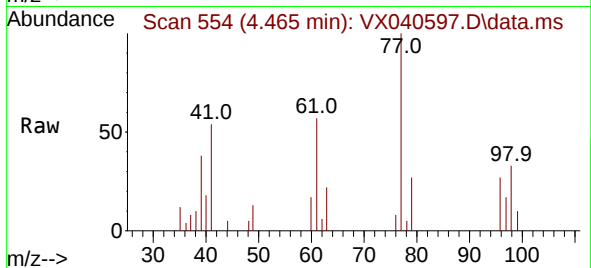
Tgt Ion: 43 Resp: 10978
Ion Ratio Lower Upper
43 100
57 2.7 6.6 10.0#
72 23.2 20.6 31.0





#31
2,2-Dichloropropane
Concen: 2.493 ug/l m
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

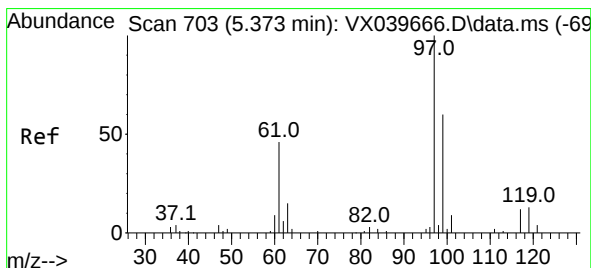
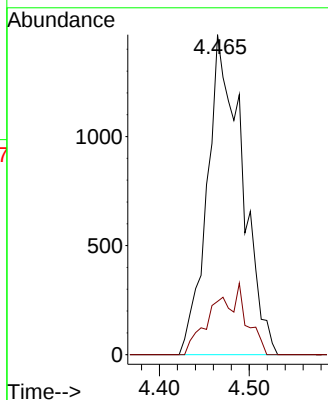
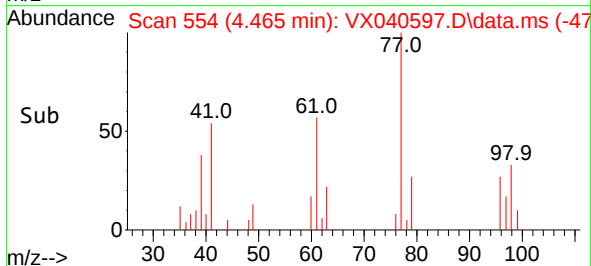
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



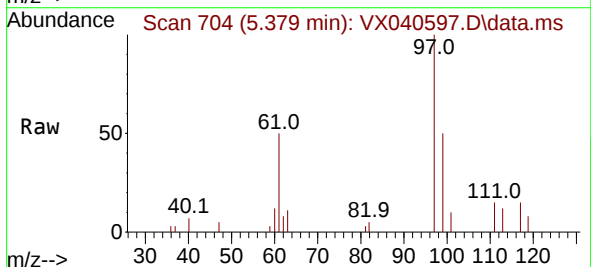
Tgt Ion: 77 Resp: 395
Ion Ratio Lower Upper
77 100
97 10.5 18.2 27.4

Manual Integrations
APPROVED

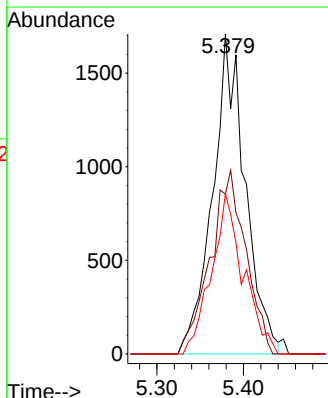
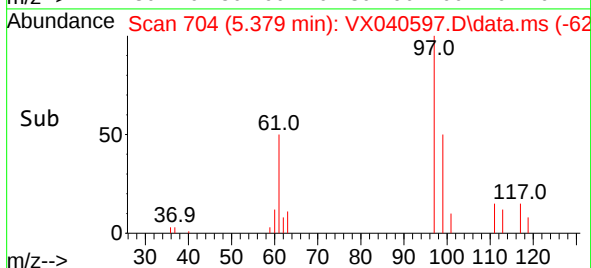
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

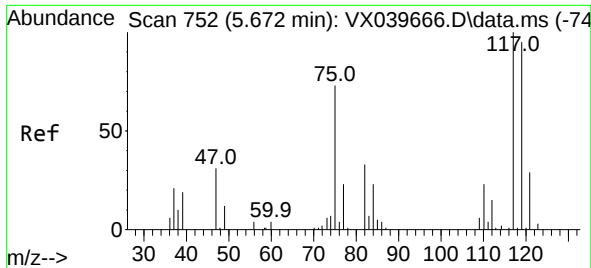


#32
1,1,1-Trichloroethane
Concen: 2.402 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



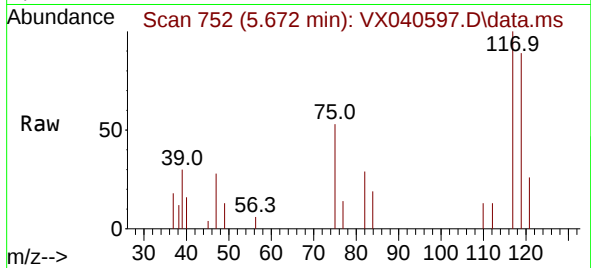
Tgt Ion: 97 Resp: 4451
Ion Ratio Lower Upper
97 100
99 63.1 52.6 79.0
61 39.3 36.9 55.3





#33
Carbon Tetrachloride
Concen: 2.414 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

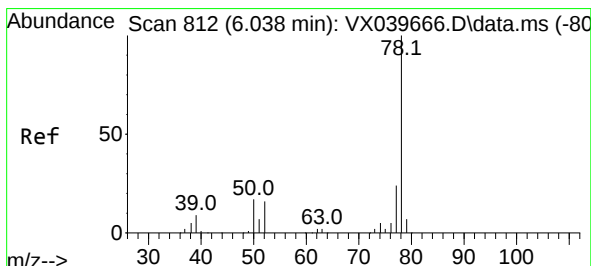
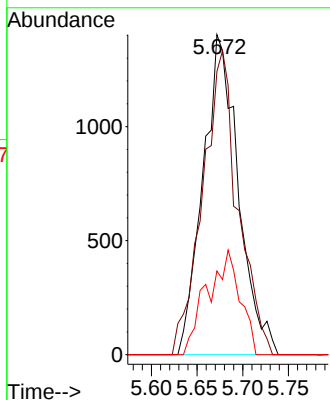
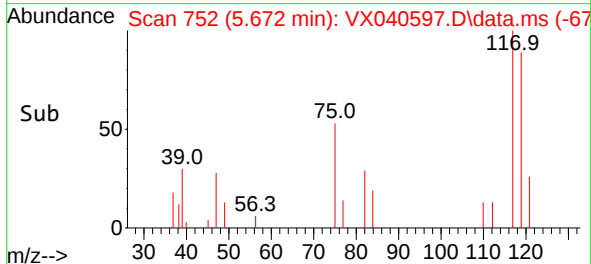
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 117 Resp: 376
Ion Ratio Lower Upper
117 100
119 88.5 78.2 117.4
121 26.2 24.7 37.1

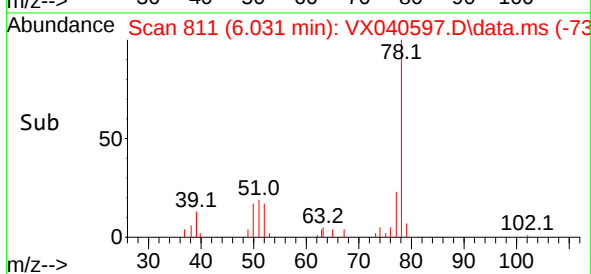
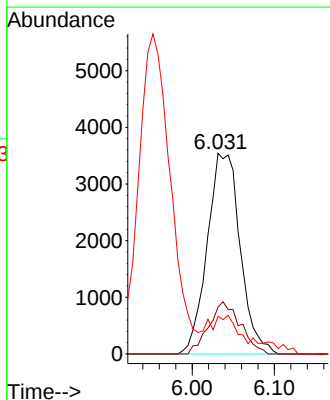
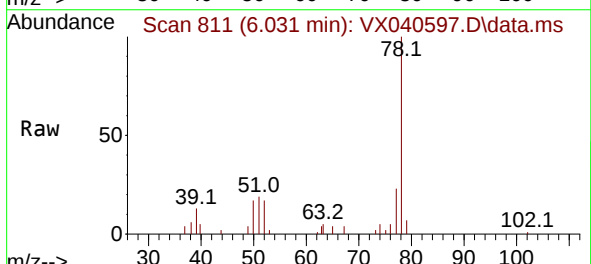
Manual Integrations
APPROVED

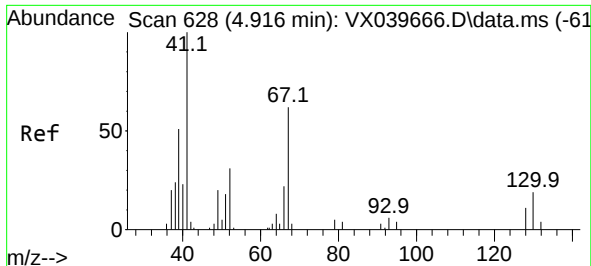
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#34
Benzene
Concen: 2.487 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

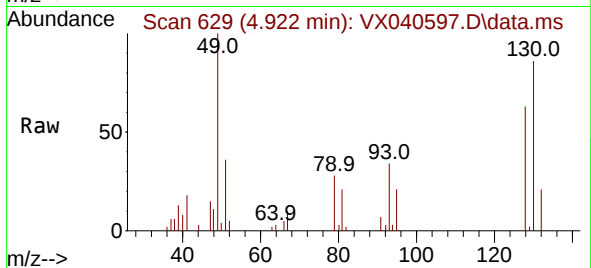
Tgt Ion: 78 Resp: 9872
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9
51 16.0 14.4 21.6





#35
Methacrylonitrile
Concen: 2.253 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

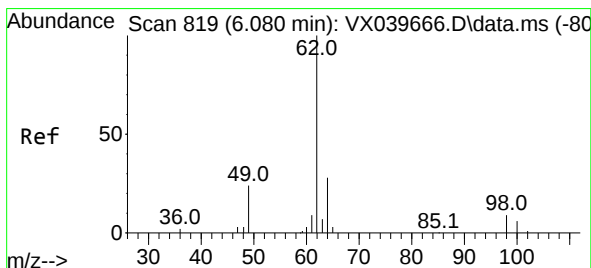
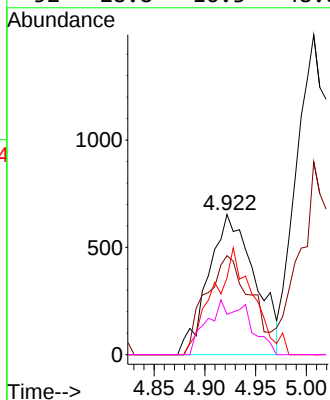
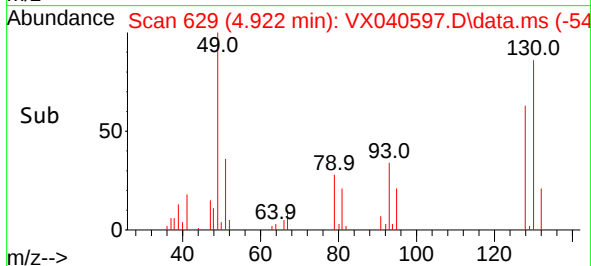
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 41 Resp: 2070
Ion Ratio Lower Upper
41 100
39 70.6 28.2 84.7
67 54.8 34.5 103.5
52 28.8 16.3 48.8

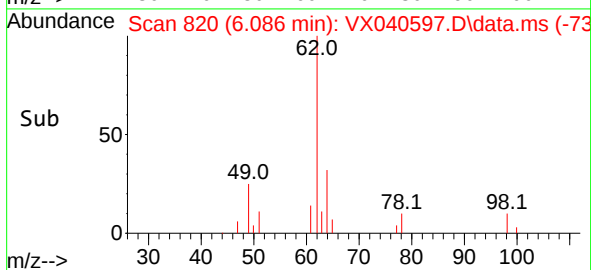
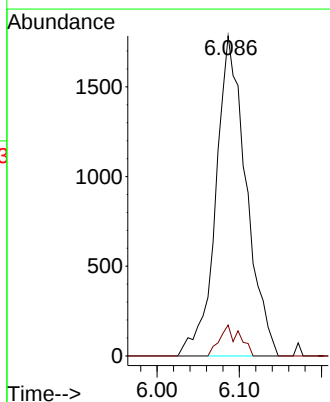
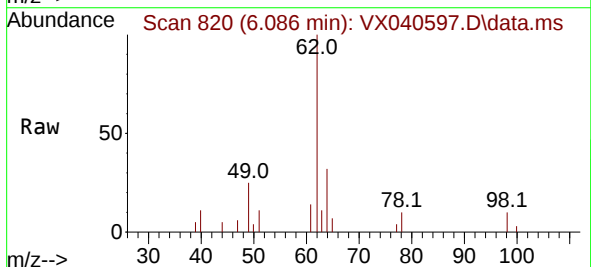
Manual Integrations
APPROVED

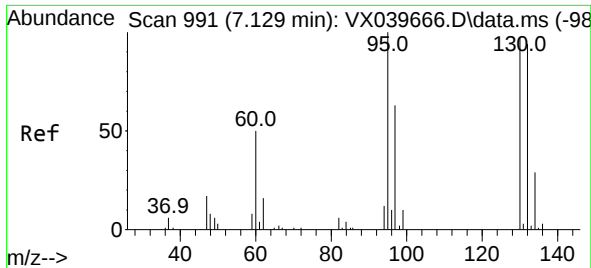
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#36
1,2-Dichloroethane
Concen: 2.489 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

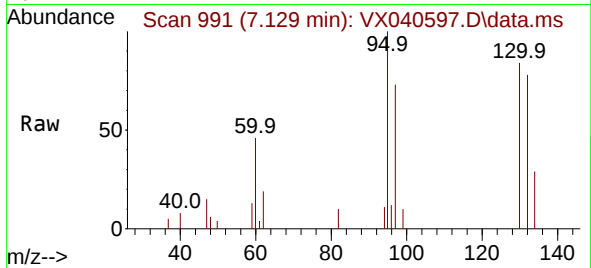
Tgt Ion: 62 Resp: 4568
Ion Ratio Lower Upper
62 100
98 4.0 7.0 10.4#





#37
Trichloroethene
Concen: 2.647 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

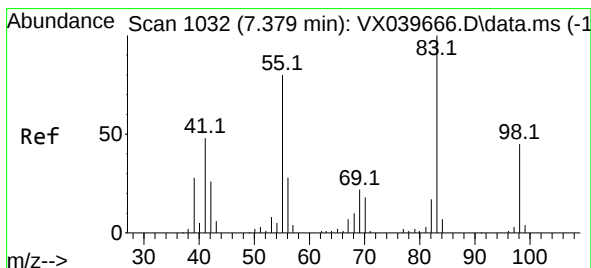
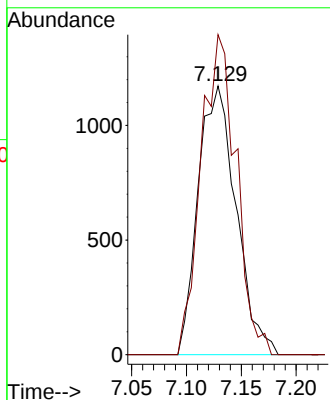
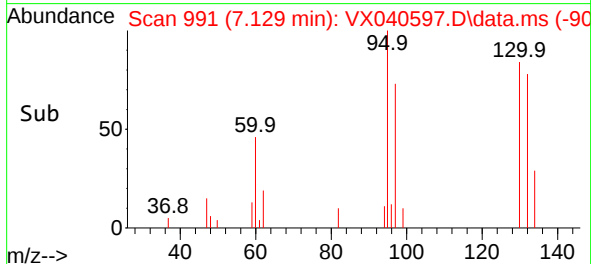
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



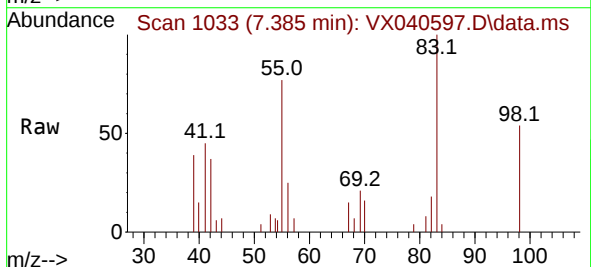
Tgt Ion:130 Resp: 2824
Ion Ratio Lower Upper
130 100
95 119.1 85.8 128.8

Manual Integrations
APPROVED

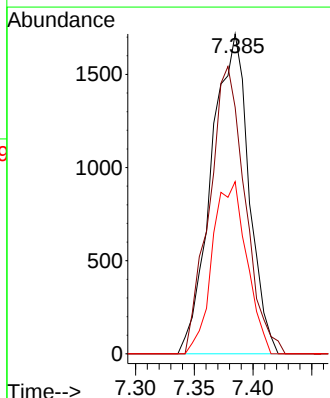
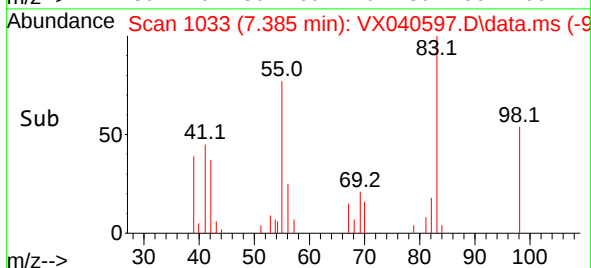
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

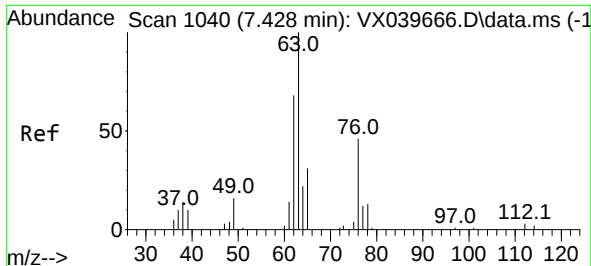


#38
Methylcyclohexane
Concen: 2.403 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



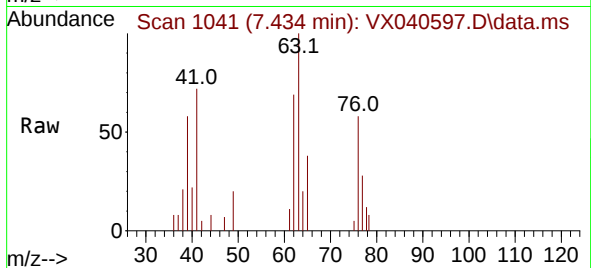
Tgt Ion: 83 Resp: 3806
Ion Ratio Lower Upper
83 100
55 85.9 38.6 116.0
98 49.2 22.3 66.8





#39
1,2-Dichloropropane
Concen: 2.492 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

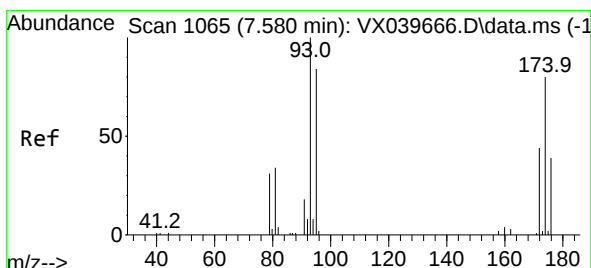
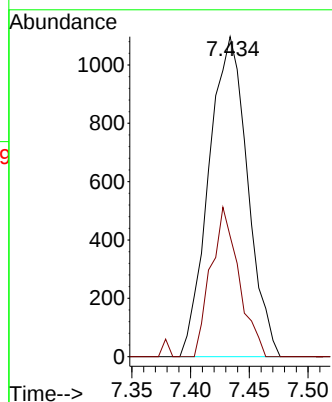
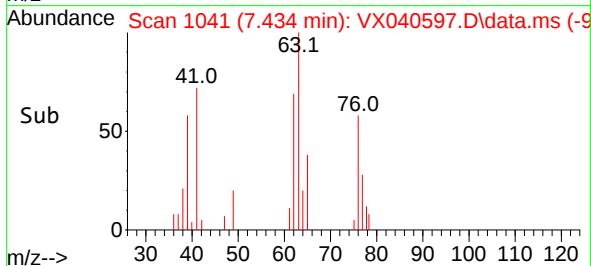
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 63 Resp: 2519
Ion Ratio Lower Upper
63 100
65 37.6 24.6 37.0

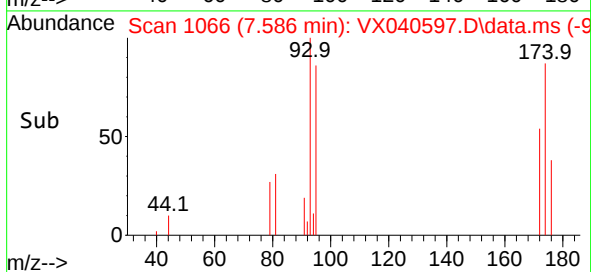
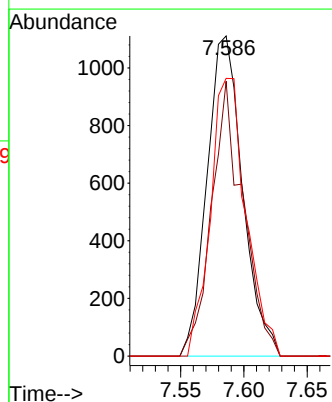
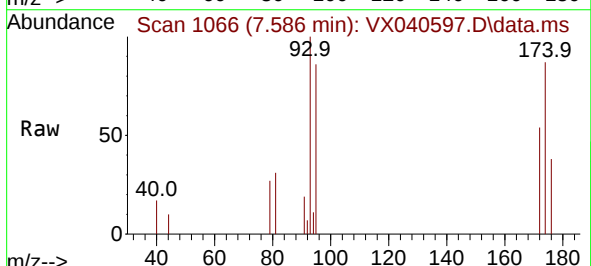
Manual Integrations
APPROVED

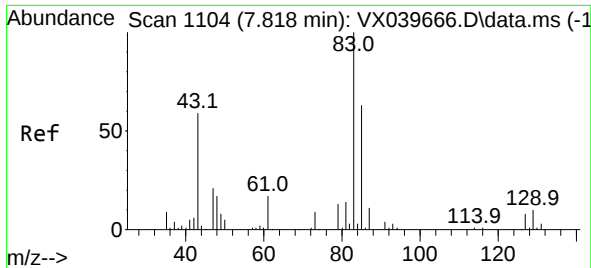
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#40
Dibromomethane
Concen: 2.736 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

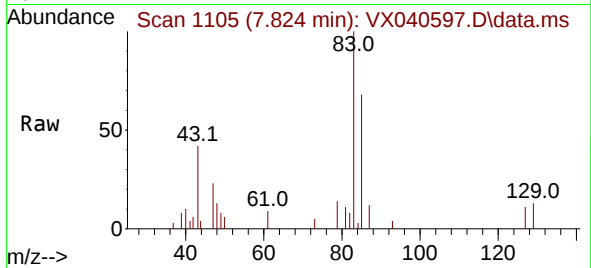
Tgt Ion: 93 Resp: 2173
Ion Ratio Lower Upper
93 100
95 76.3 0.0 163.4
174 86.9 0.0 166.4





#41
Bromodichloromethane
Concen: 2.556 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

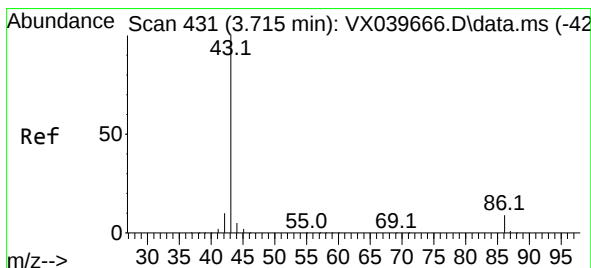
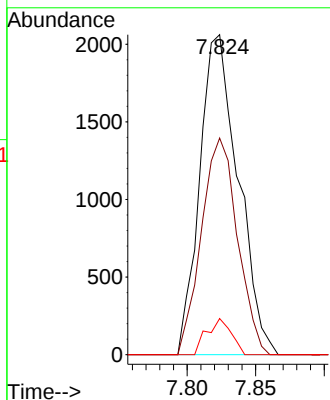
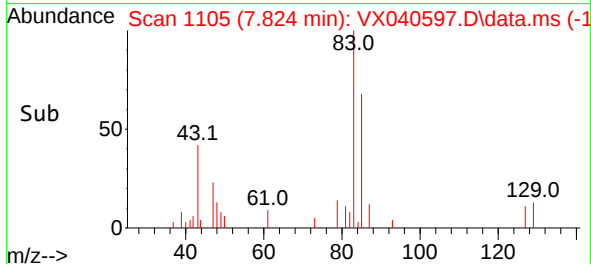
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 83 Resp: 4038
Ion Ratio Lower Upper
83 100
85 67.7 50.8 76.2
127 11.3 5.9 8.9

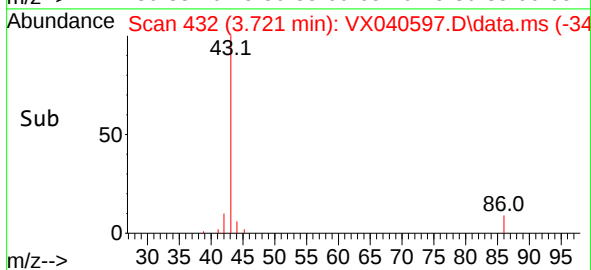
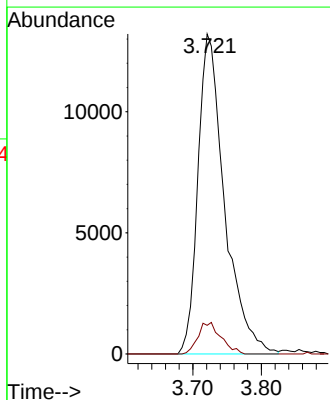
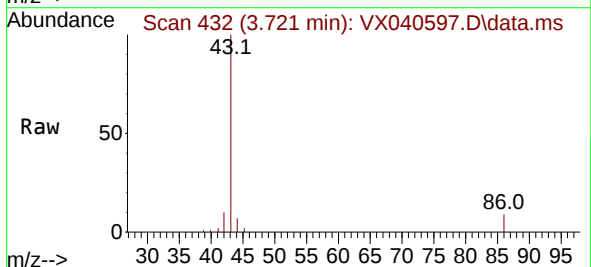
Manual Integrations
APPROVED

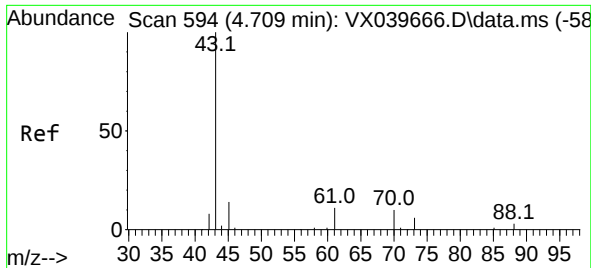
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#42
Vinyl Acetate
Concen: 11.544 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

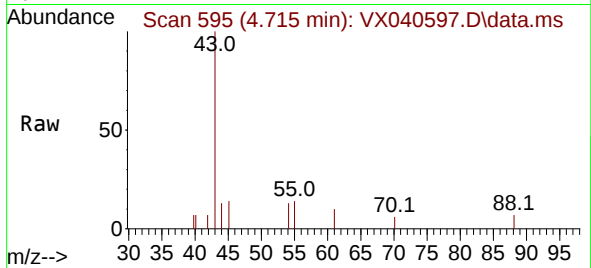
Tgt Ion: 43 Resp: 35668
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1





#43
Ethyl Acetate
Concen: 2.704 ug/l m
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

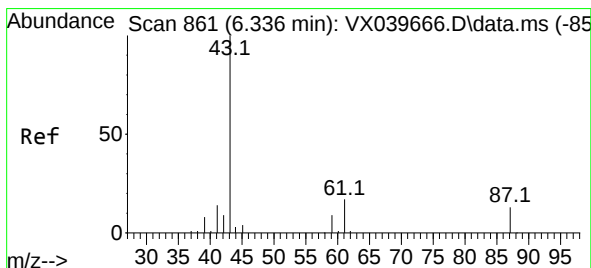
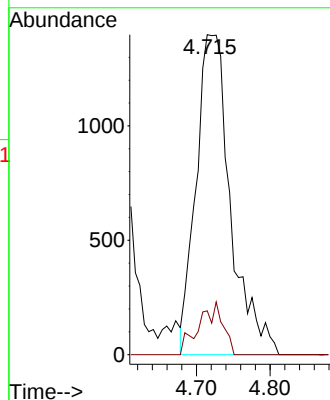
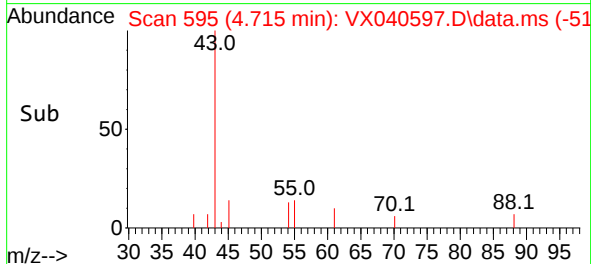
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 4570
Ion Ratio Lower Upper
43 100
45 4.9 11.8 17.8

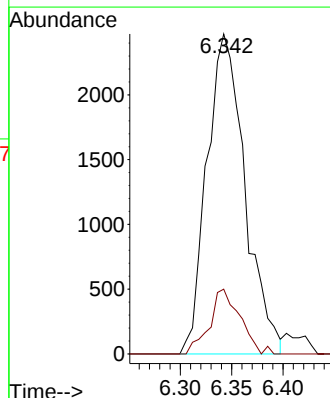
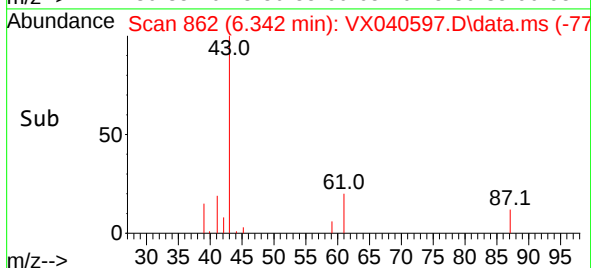
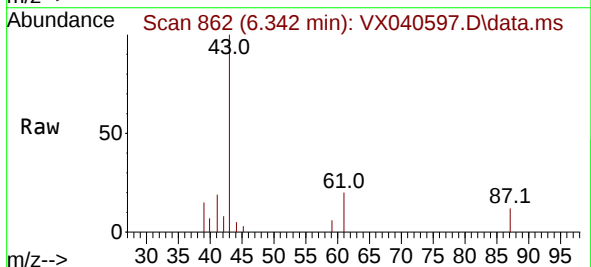
Manual Integrations
APPROVED

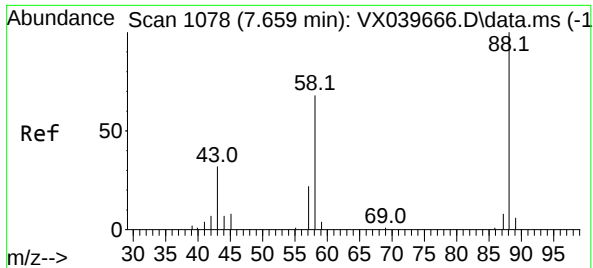
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#44
Isopropyl Acetate
Concen: 2.357 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

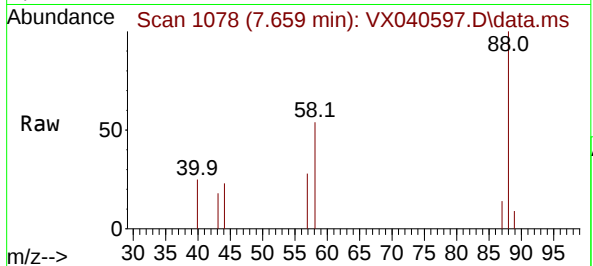
Tgt Ion: 43 Resp: 6360
Ion Ratio Lower Upper
43 100
61 15.9 15.6 23.4





#45
1,4-Dioxane
Concen: 47.960 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

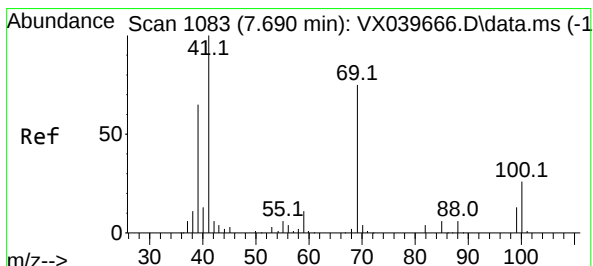
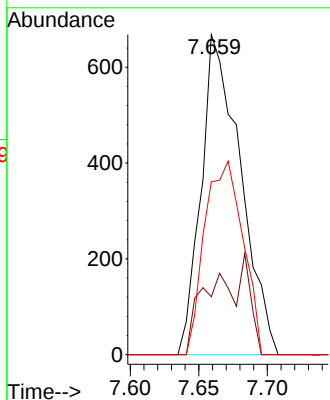
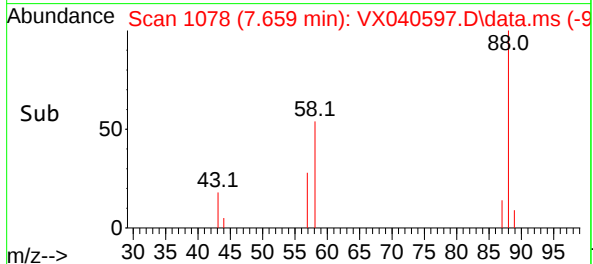
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 88 Resp: 1330
Ion Ratio Lower Upper
88 100
43 10.5 28.1 42.1
58 0.0 57.7 86.5

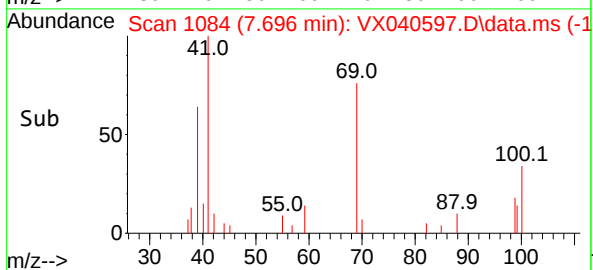
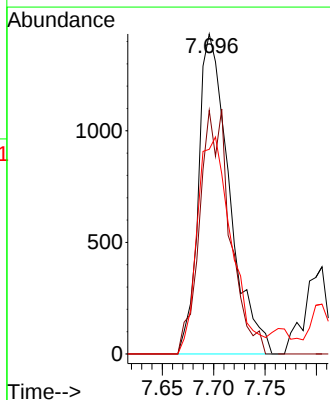
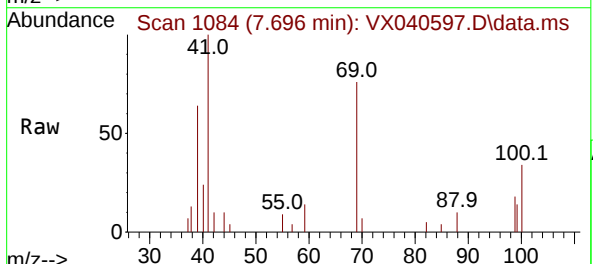
Manual Integrations
APPROVED

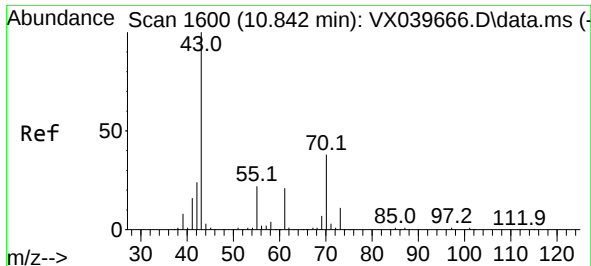
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#46
Methyl methacrylate
Concen: 2.235 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

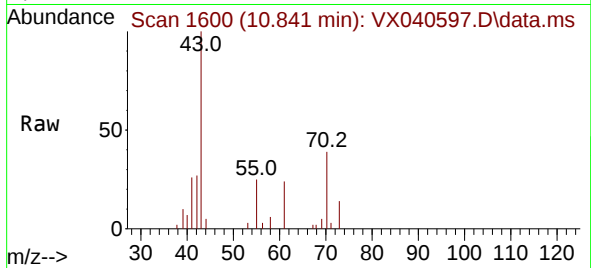
Tgt Ion: 41 Resp: 2995
Ion Ratio Lower Upper
41 100
69 76.1 39.6 118.8
39 63.9 30.1 90.3





#47
n-amyl acetate
Concen: 1.907 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

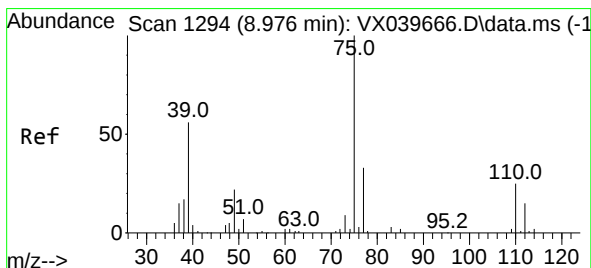
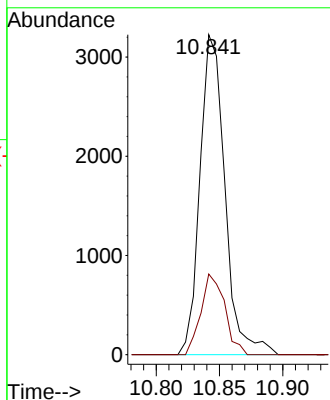
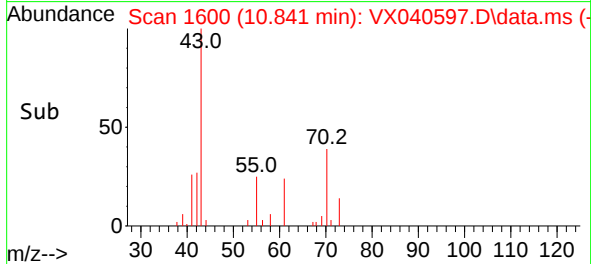
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
55 24.1 18.2 27.2

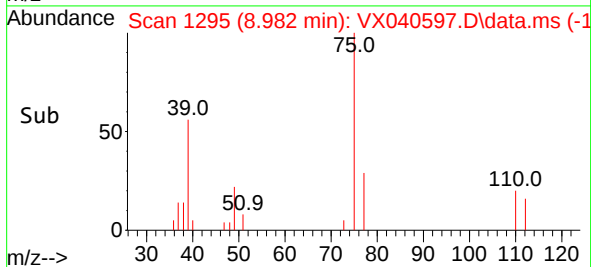
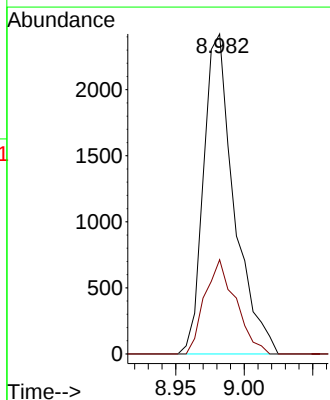
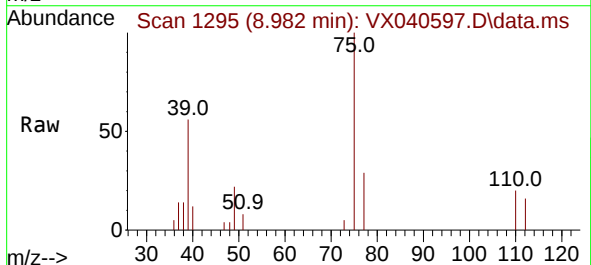
Manual Integrations
APPROVED

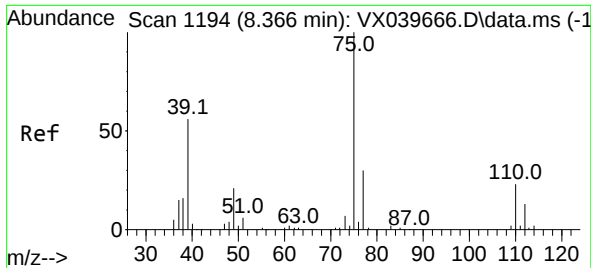
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#48
t-1,3-Dichloropropene
Concen: 2.252 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

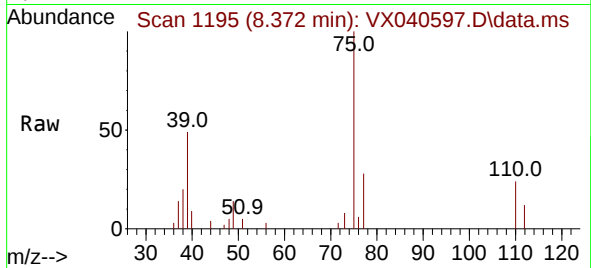
Tgt Ion: 75 Resp: 3761
Ion Ratio Lower Upper
75 100
77 29.4 26.8 40.2





#49
 cis-1,3-Dichloropropene
 Concen: 2.450 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX040597.D
 Acq: 06 Mar 2024 10:58

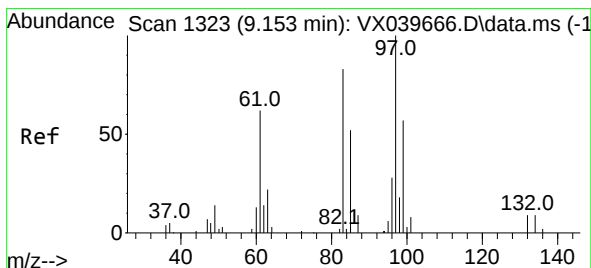
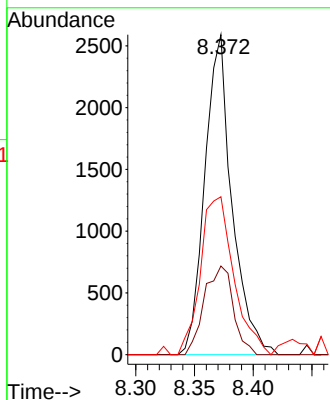
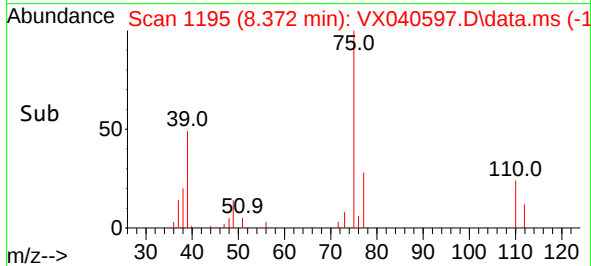
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 75 Resp: 416
 Ion Ratio Lower Upper
 75 100
 77 27.7 24.4 36.6
 39 49.4 40.6 60.8

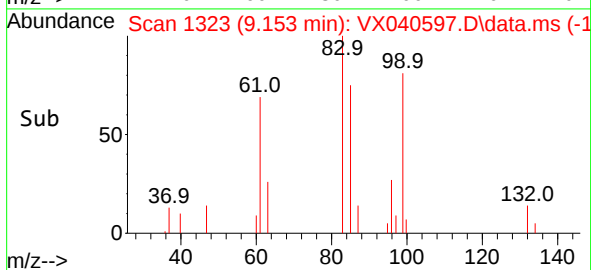
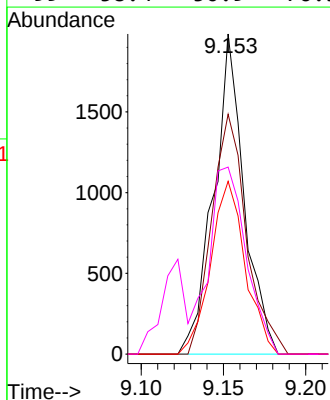
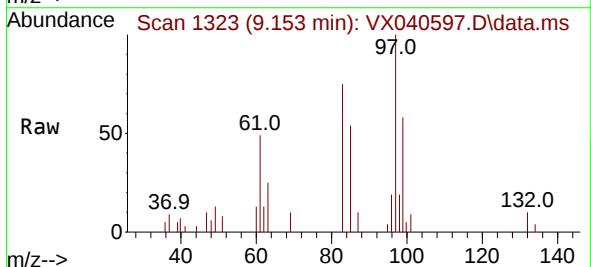
Manual Integrations
 APPROVED

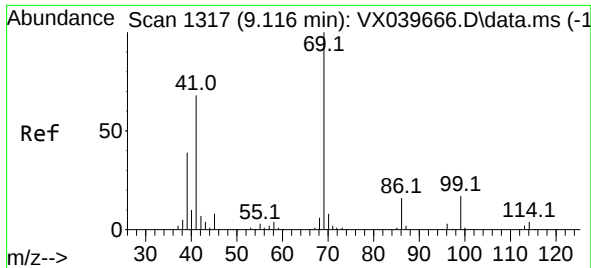
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#50
 1,1,2-Trichloroethane
 Concen: 2.419 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX040597.D
 Acq: 06 Mar 2024 10:58

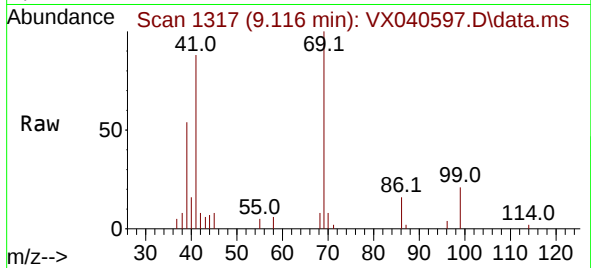
Tgt Ion: 97 Resp: 2552
 Ion Ratio Lower Upper
 97 100
 83 74.9 69.0 103.6
 85 54.0 46.3 69.5
 99 58.4 50.9 76.3





#51
Ethyl methacrylate
Concen: 2.176 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

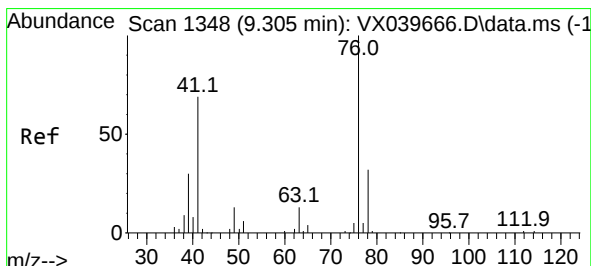
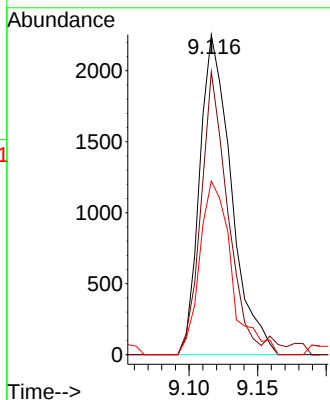
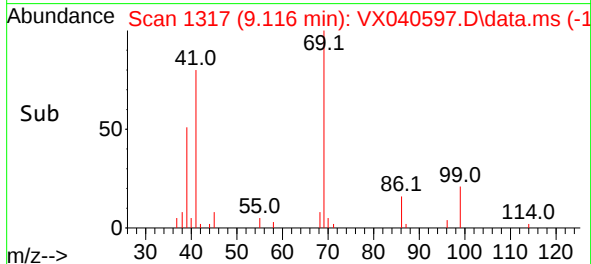
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



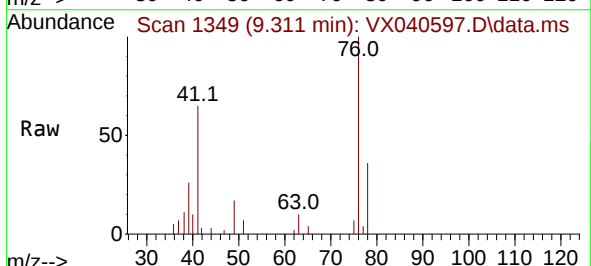
Tgt Ion: 69 Resp: 3614
Ion Ratio Lower Upper
69 100
41 88.4 36.2 108.6
39 54.3 21.1 63.4

Manual Integrations
APPROVED

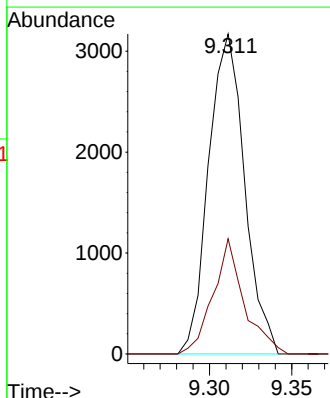
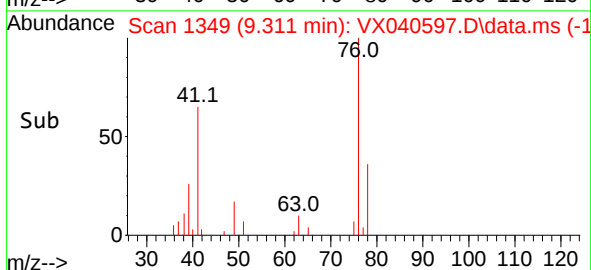
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

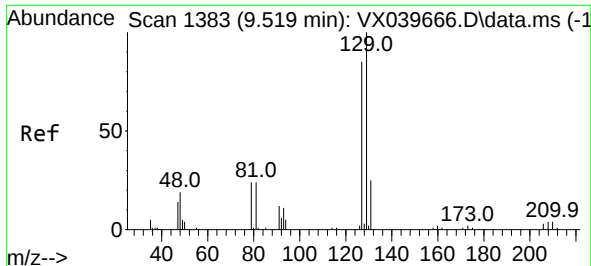


#52
1,3-Dichloropropane
Concen: 2.681 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



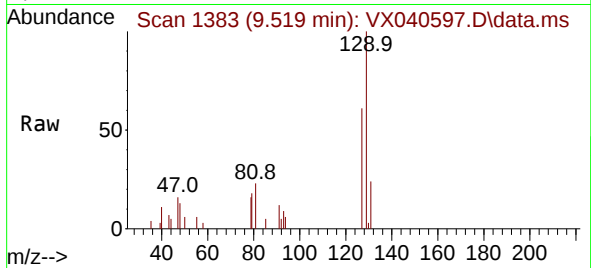
Tgt Ion: 76 Resp: 4826
Ion Ratio Lower Upper
76 100
78 31.0 0.0 65.0





#53
Dibromochloromethane
Concen: 2.225 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

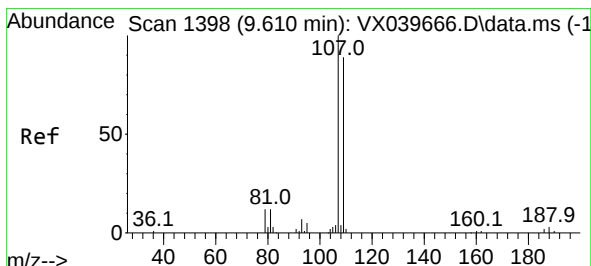
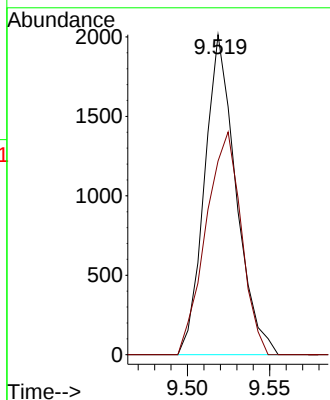
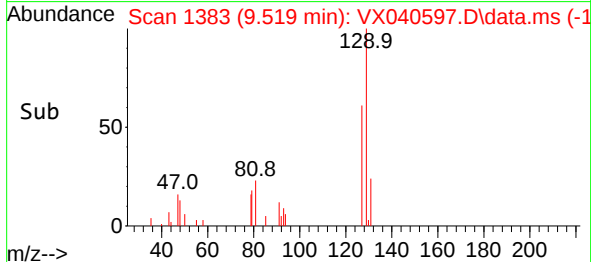
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



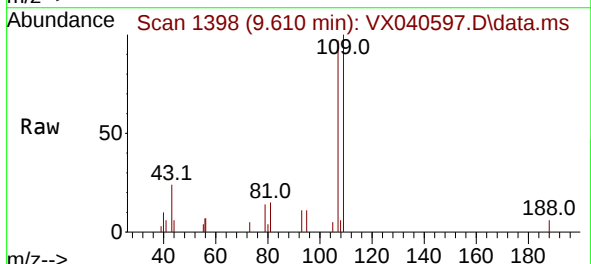
Tgt Ion:129 Resp: 2670
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.9

Manual Integrations
APPROVED

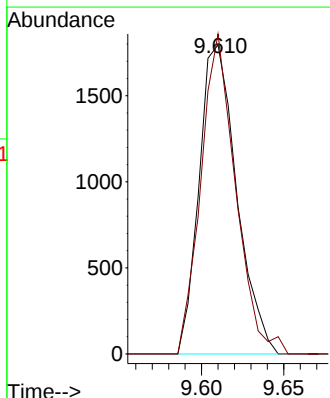
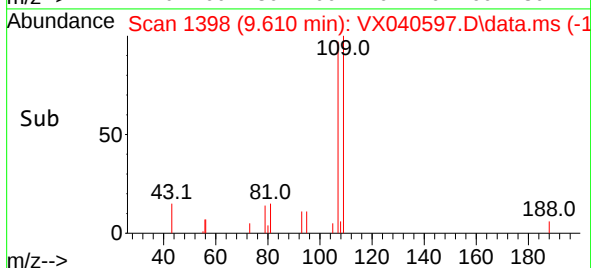
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

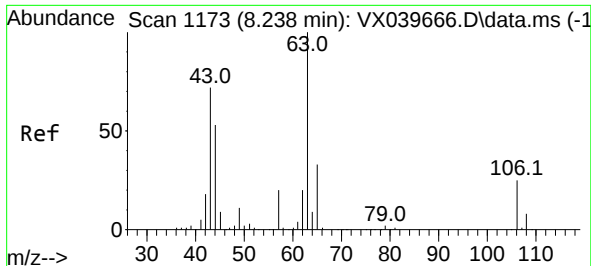


#54
1,2-Dibromoethane
Concen: 2.450 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



Tgt Ion:107 Resp: 2859
Ion Ratio Lower Upper
107 100
109 94.1 75.1 112.7





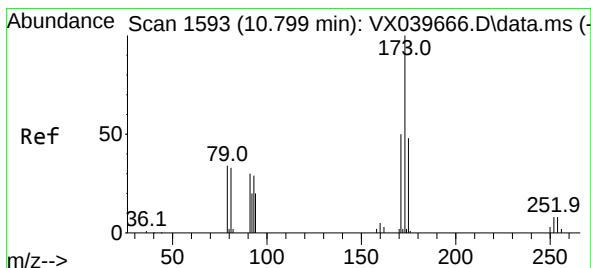
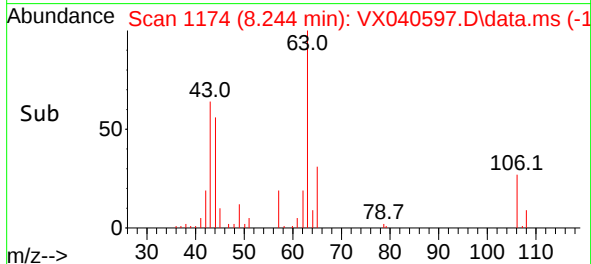
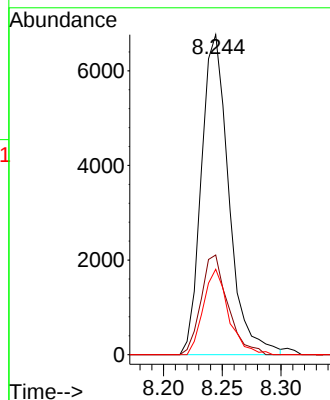
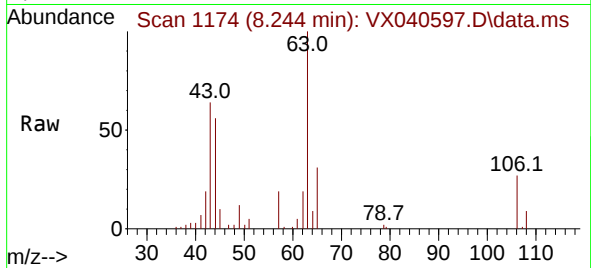
#55
2-Chloroethyl vinyl ether
Concen: 13.044 ug/l
RT: 8.244 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 63 Resp: 1103
Ion Ratio Lower Upper
63 100
65 30.5 25.8 38.6
106 24.5 20.6 31.0

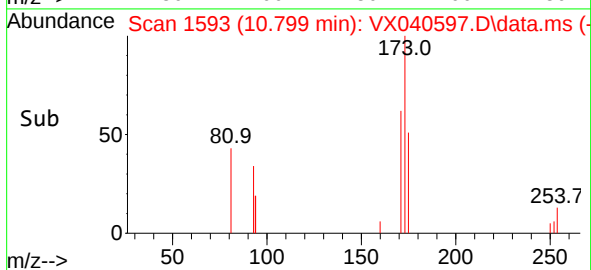
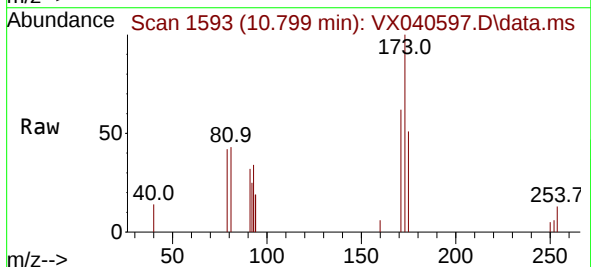
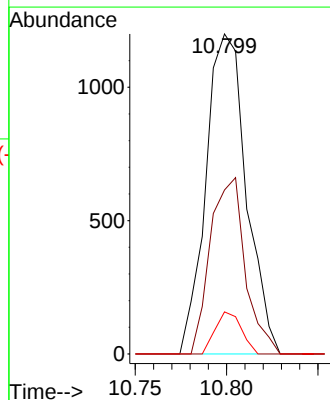
Manual Integrations
APPROVED

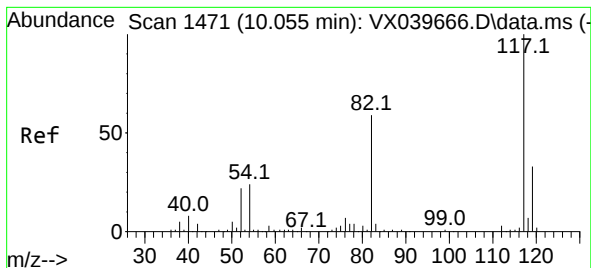
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#56
Bromoform
Concen: 2.167 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

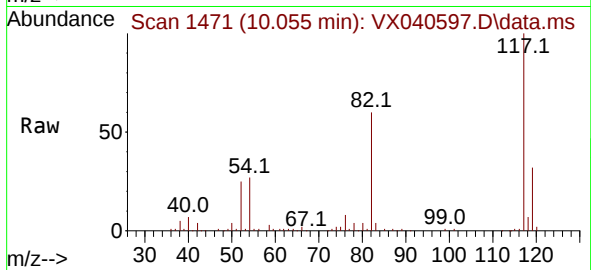
Tgt Ion:173 Resp: 1848
Ion Ratio Lower Upper
173 100
175 47.6 37.6 56.4
254 8.5 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

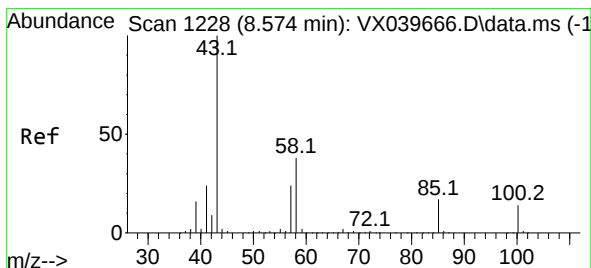
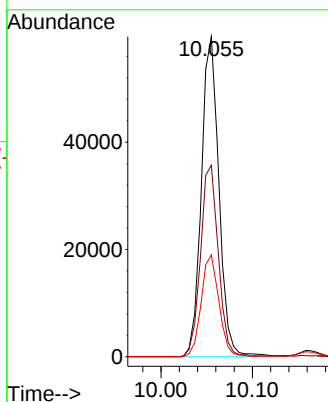
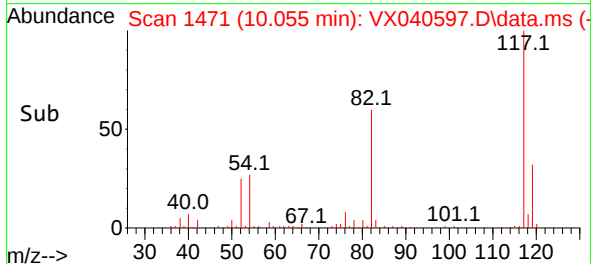
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 117 Resp: 7980
Ion Ratio Lower Upper
117 100
82 60.6 47.0 70.6
119 32.0 25.2 37.8

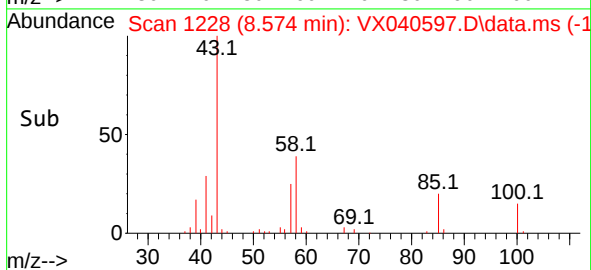
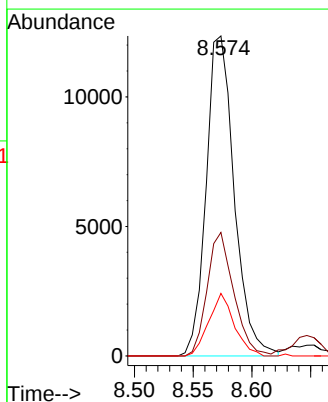
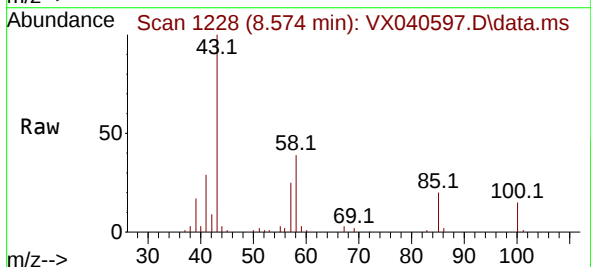
Manual Integrations
APPROVED

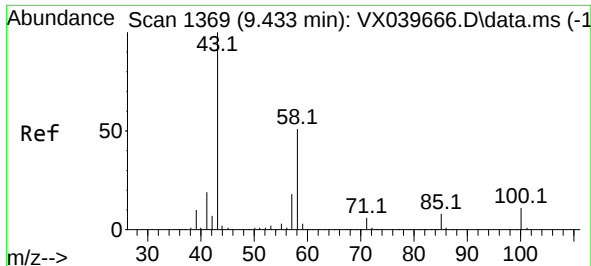
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#58
4-Methyl-2-Pentanone
Concen: 11.568 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

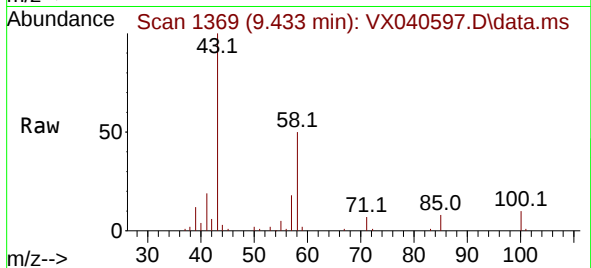
Tgt Ion: 43 Resp: 20556
Ion Ratio Lower Upper
43 100
58 36.4 30.1 45.1
85 17.7 13.9 20.9





#59
2-Hexanone
Concen: 11.643 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

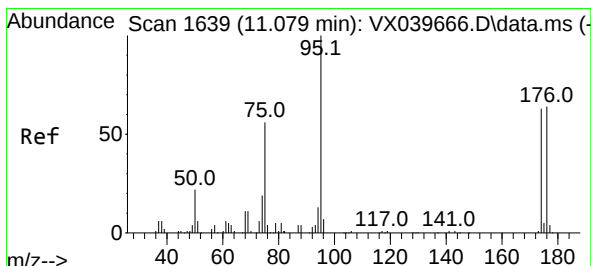
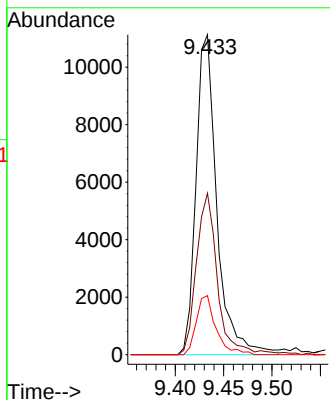
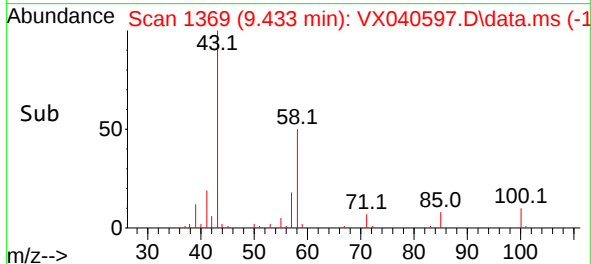
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



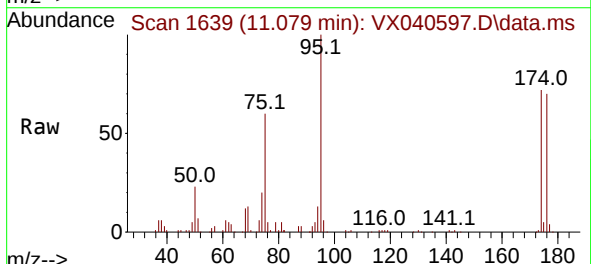
Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 49.9 42.7 64.1
57 17.4 14.8 22.2

Manual Integrations
APPROVED

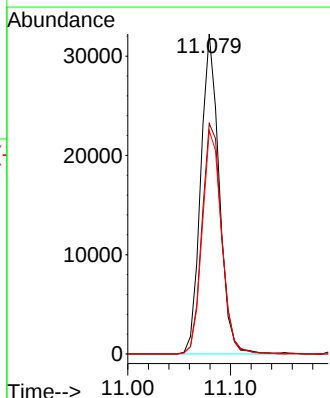
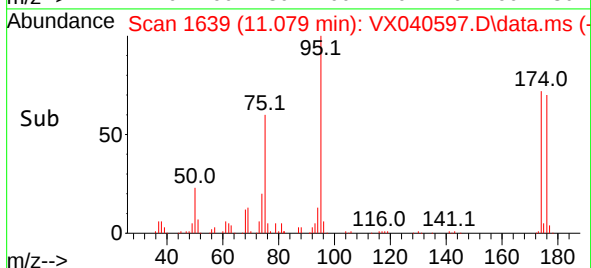
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

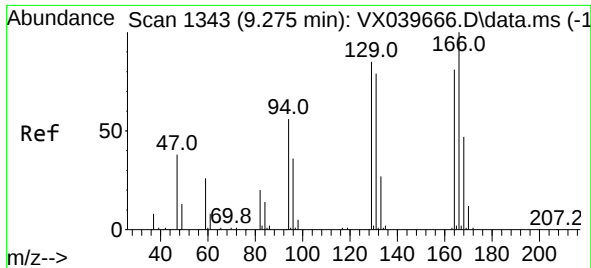


#60
4-Bromofluorobenzene
Concen: 29.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



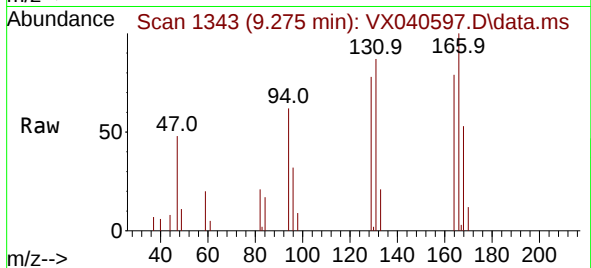
Tgt Ion: 95 Resp: 40309
Ion Ratio Lower Upper
95 100
174 75.8 55.4 83.2
176 73.5 52.6 78.8





#61
Tetrachloroethene
Concen: 2.675 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

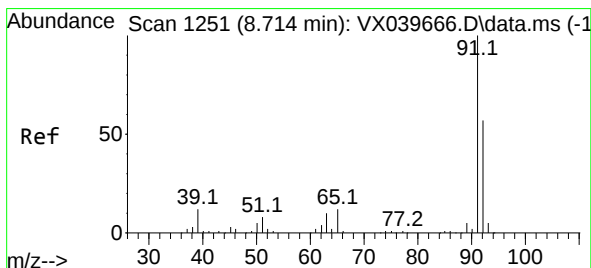
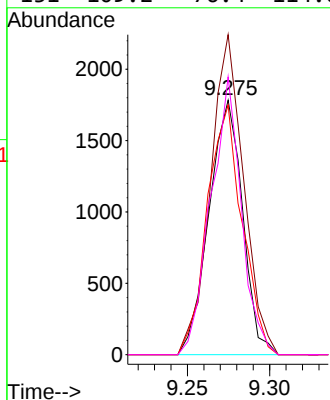
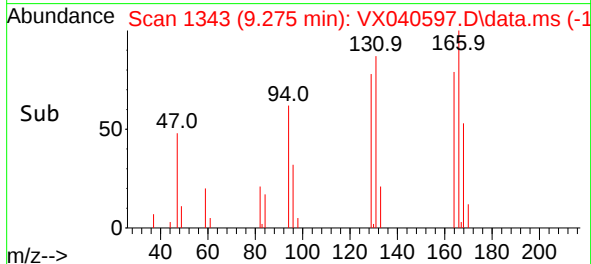
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



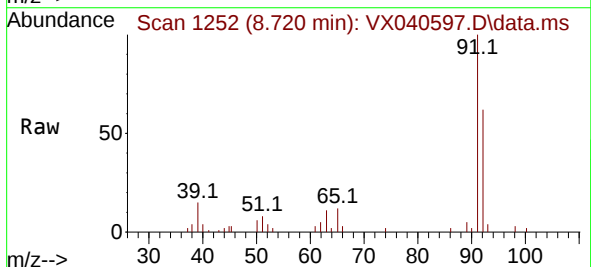
Tgt Ion:164 Resp: 2534
Ion Ratio Lower Upper
164 100
166 125.8 104.0 156.0
129 98.1 82.0 123.0
131 109.2 76.4 114.6

Manual Integrations
APPROVED

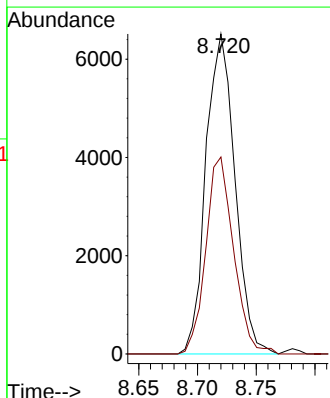
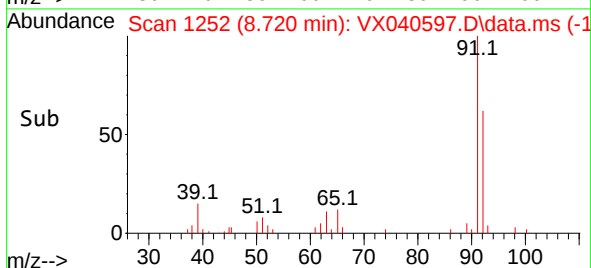
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

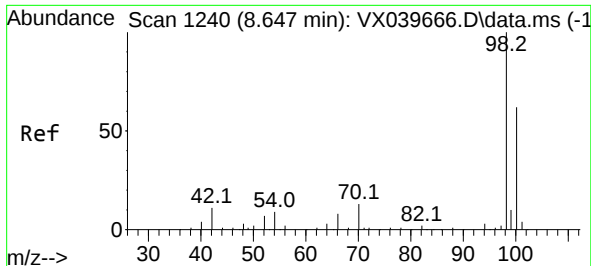


#62
Toluene
Concen: 2.551 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



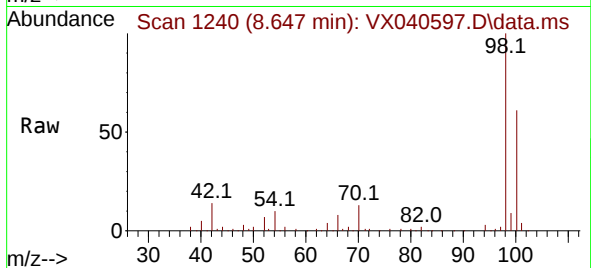
Tgt Ion: 91 Resp: 11211
Ion Ratio Lower Upper
91 100
92 58.5 45.9 68.9





#63
Toluene-d8
Concen: 30.444 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

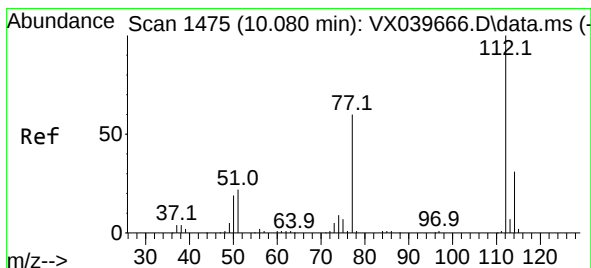
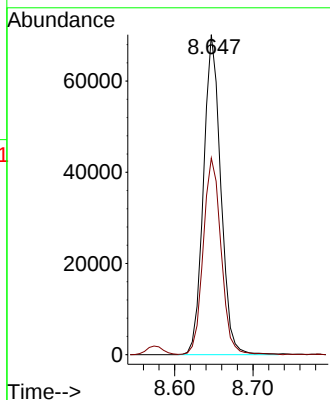
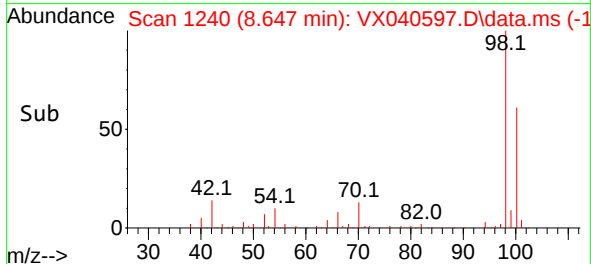
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 98 Resp: 10736
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.4

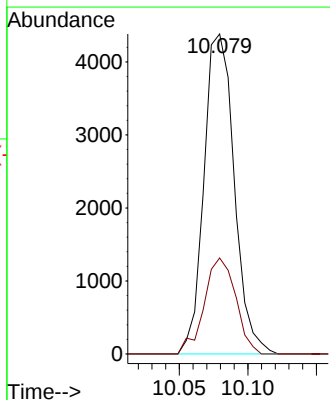
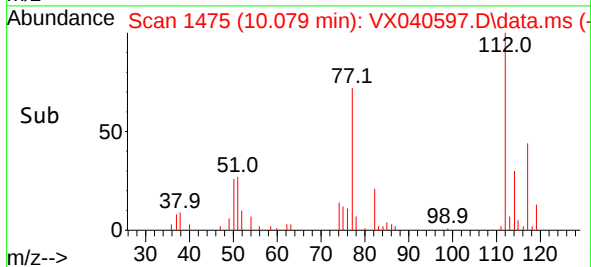
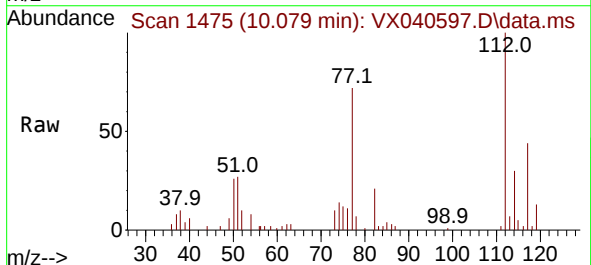
Manual Integrations
APPROVED

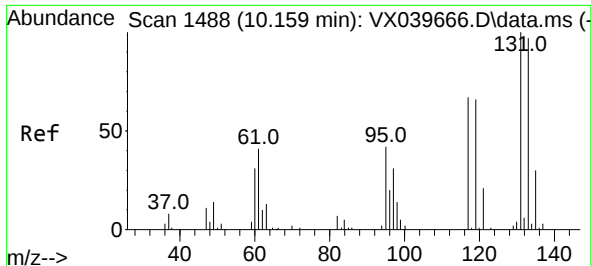
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#64
Chlorobenzene
Concen: 2.510 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Tgt Ion:112 Resp: 6742
Ion Ratio Lower Upper
112 100
114 30.0 25.9 38.9





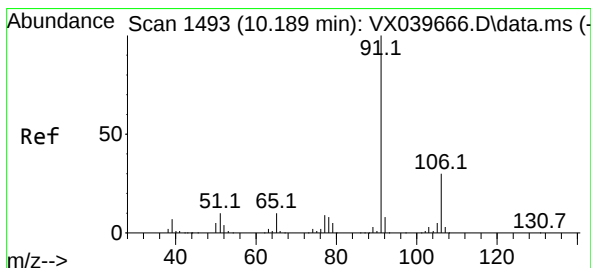
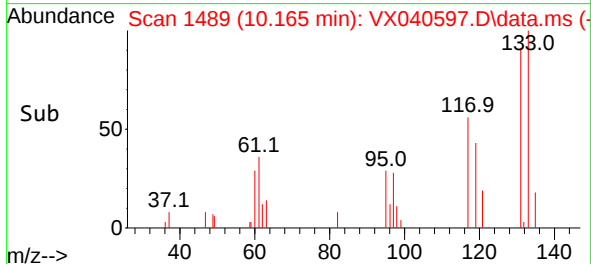
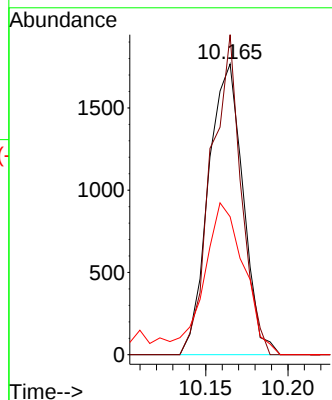
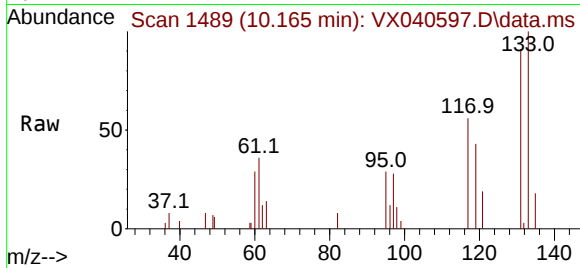
#65
1,1,1,2-Tetrachloroethane
Concen: 2.525 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion:131 Resp: 258
Ion Ratio Lower Upper
131 100
133 95.9 0.0 191.8
119 60.0 0.0 135.4

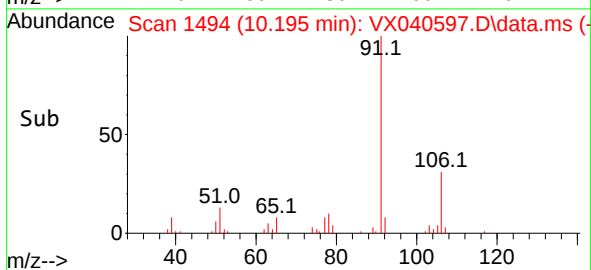
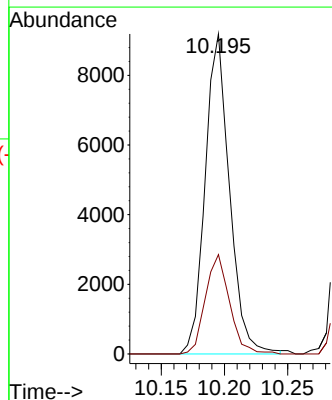
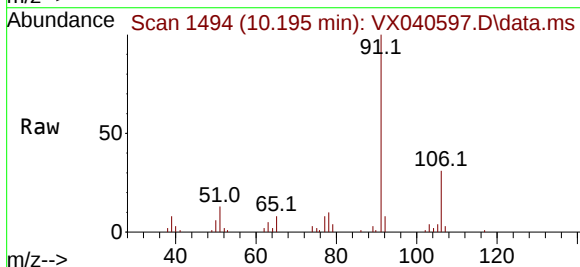
Manual Integrations
APPROVED

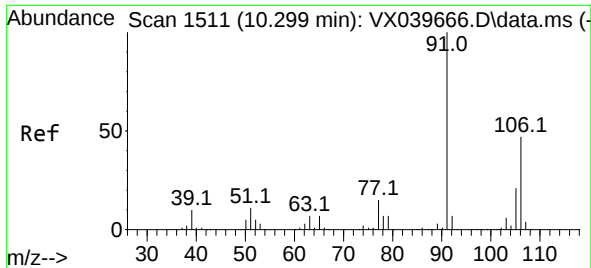
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#66
Ethyl Benzene
Concen: 2.429 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Tgt Ion: 91 Resp: 12311
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6





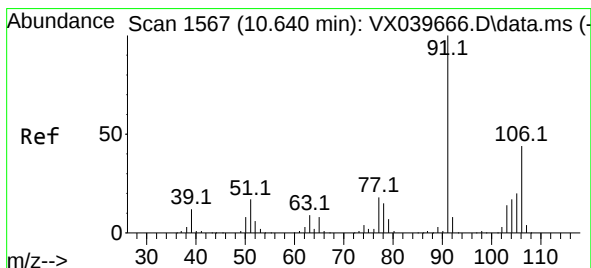
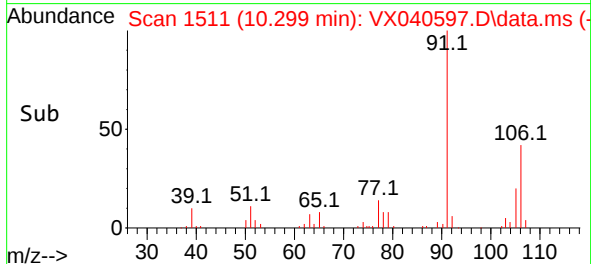
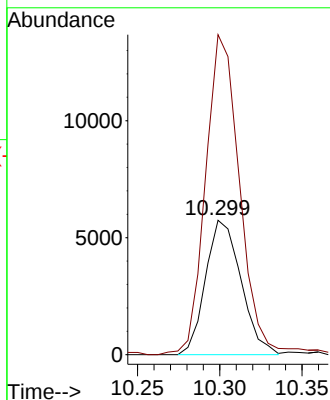
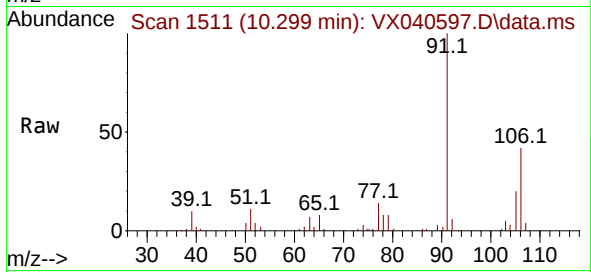
#67
m/p-Xylenes
Concen: 4.602 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:106 Resp: 861
Ion Ratio Lower Upper
106 100
91 227.6 169.4 254.0

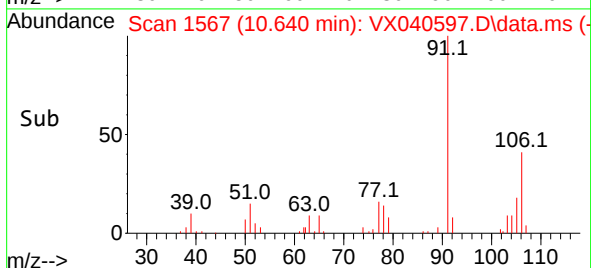
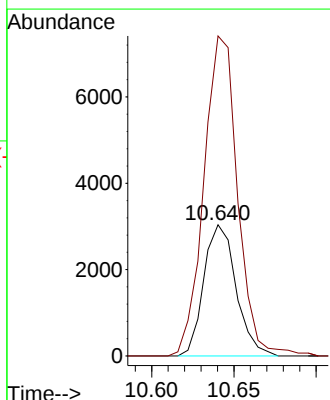
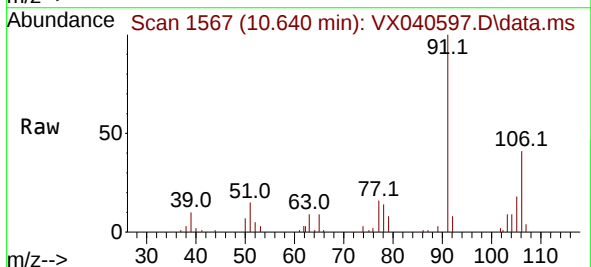
Manual Integrations
APPROVED

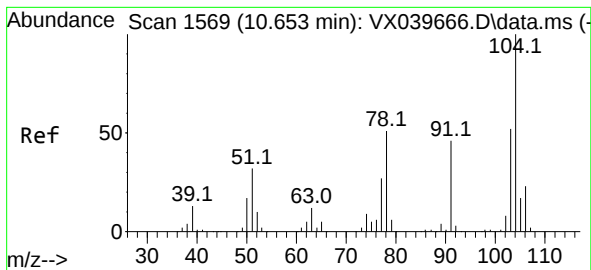
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#68
o-Xylene
Concen: 2.301 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Tgt Ion:106 Resp: 4145
Ion Ratio Lower Upper
106 100
91 255.5 111.2 333.6





#69

Styrene

Concen: 2.254 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

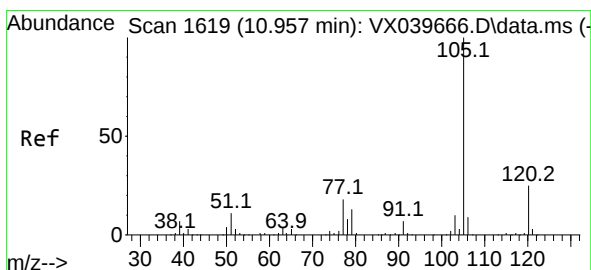
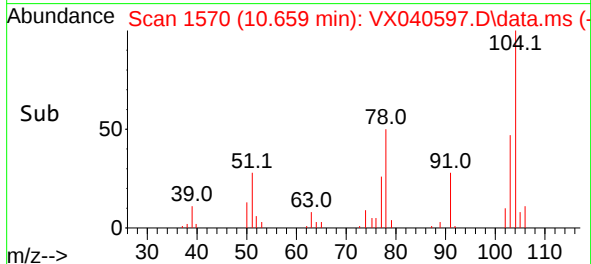
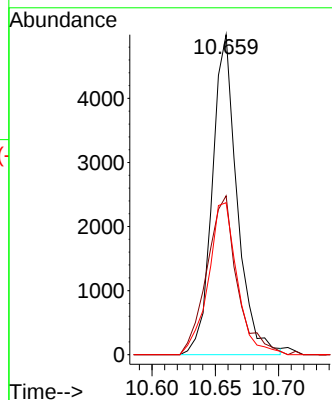
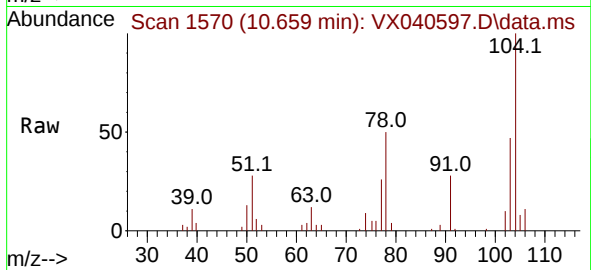
Tgt Ion:104	Resp:	682
Ion Ratio	Lower	Upper
104	100	
78	60.3	43.7 65.5
103	55.3	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#70

Isopropylbenzene

Concen: 2.452 ug/l

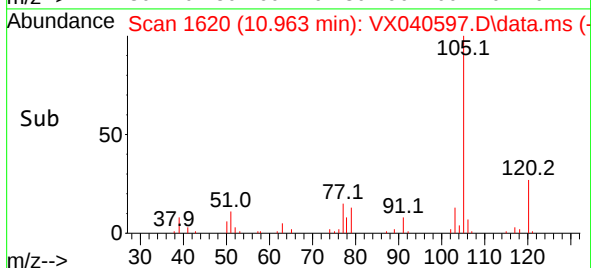
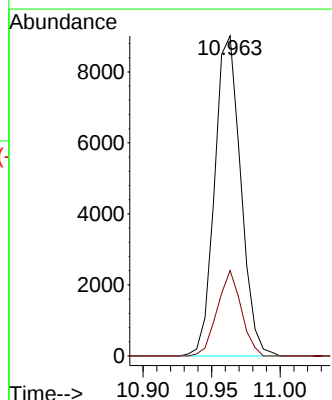
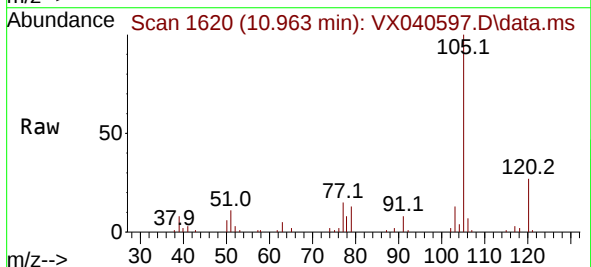
RT: 10.963 min Scan# 1620

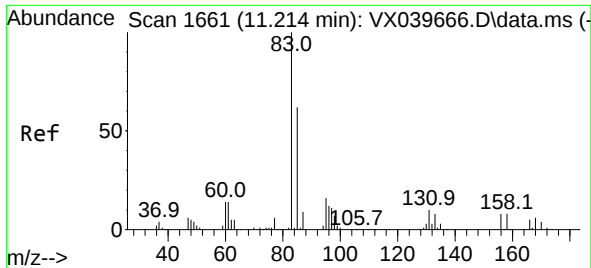
Delta R.T. 0.006 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Tgt Ion:105	Resp:	11937
Ion Ratio	Lower	Upper
105	100	
120	24.4	18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 2.607 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.007 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

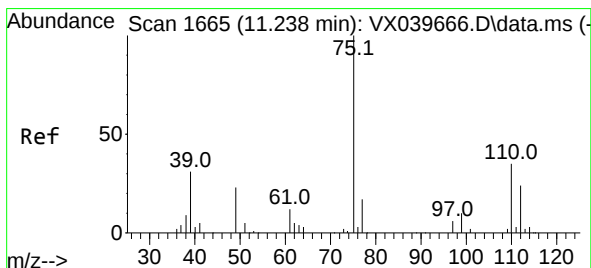
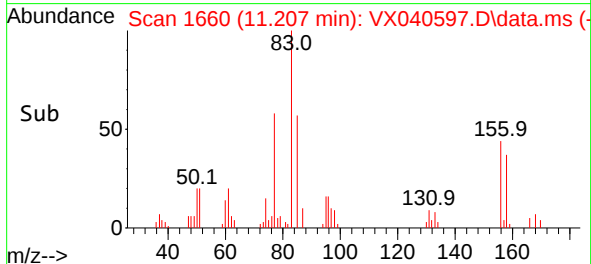
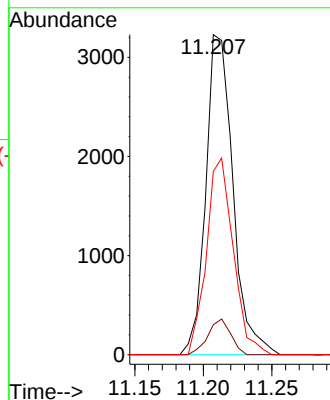
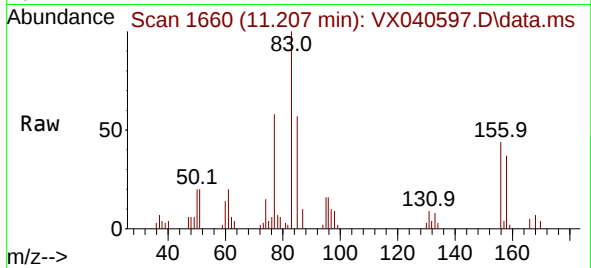
Tgt Ion: 83 Resp: 4449
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 60.6 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#72

1,2,3-Trichloropropane

Concen: 2.301 ug/l m

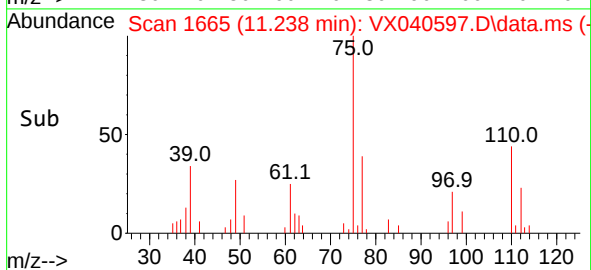
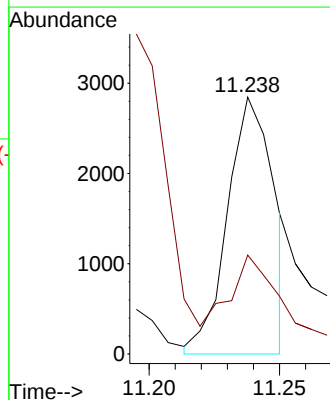
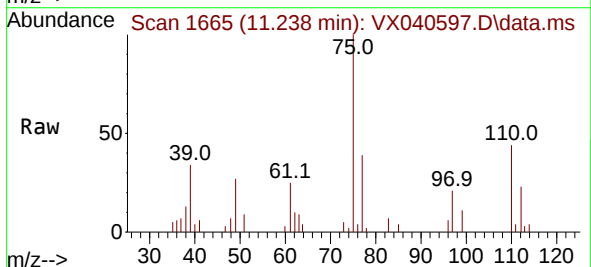
RT: 11.238 min Scan# 1665

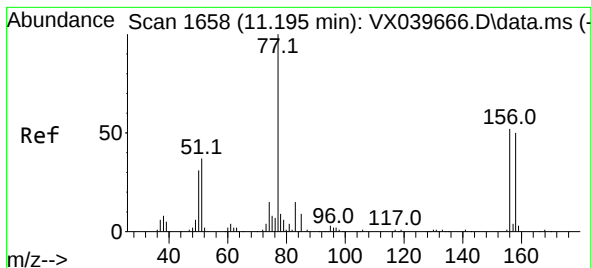
Delta R.T. -0.000 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Tgt Ion: 75 Resp: 3533
Ion Ratio Lower Upper
75 100
77 49.5 0.0 76.4





#73

Bromobenzene

Concen: 2.419 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

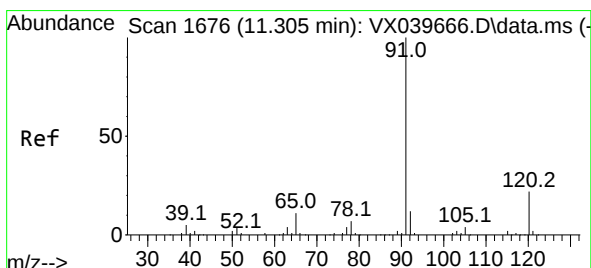
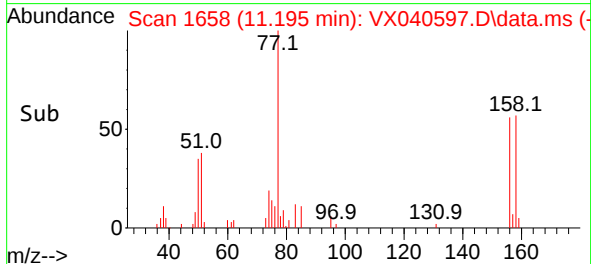
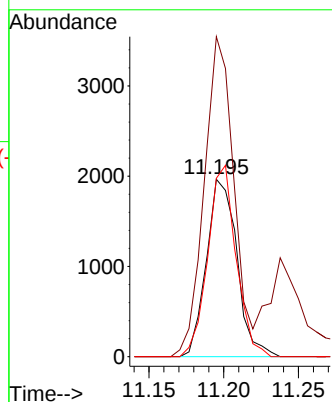
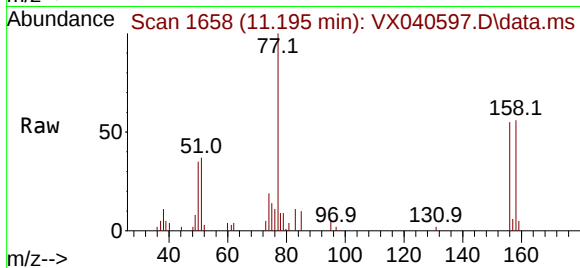
Tgt Ion:	156	Resp:	278
Ion Ratio	Lower	Upper	
156	100		
77	174.9	0.0	363.2
158	100.2	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#74

n-propylbenzene

Concen: 2.429 ug/l

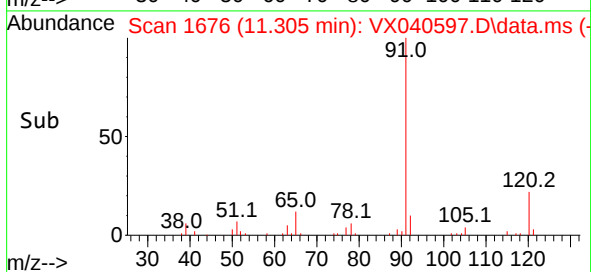
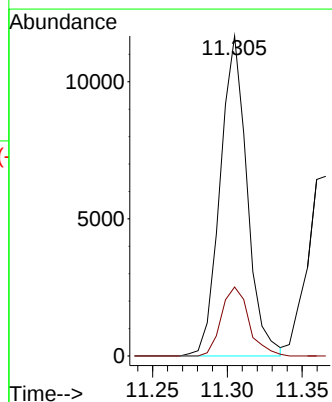
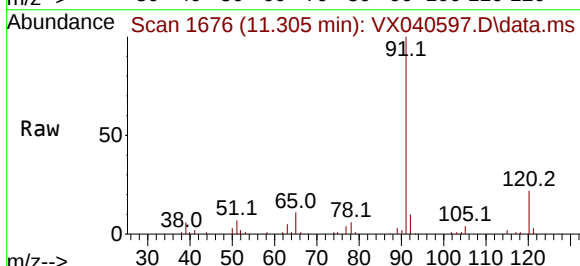
RT: 11.305 min Scan# 1676

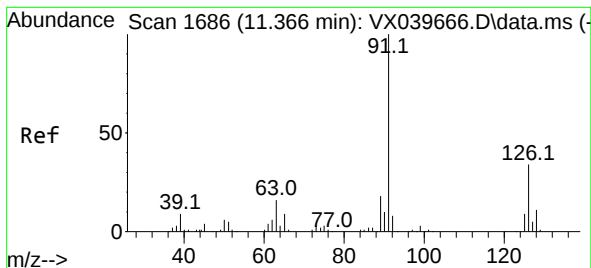
Delta R.T. -0.000 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58

Tgt Ion:	91	Resp:	14605
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	43.4





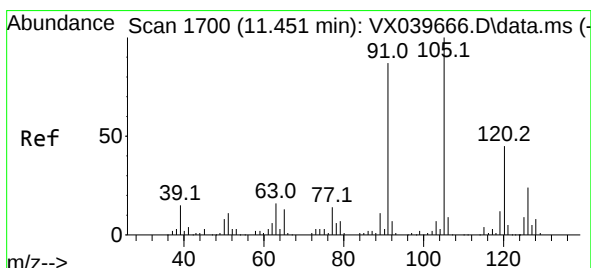
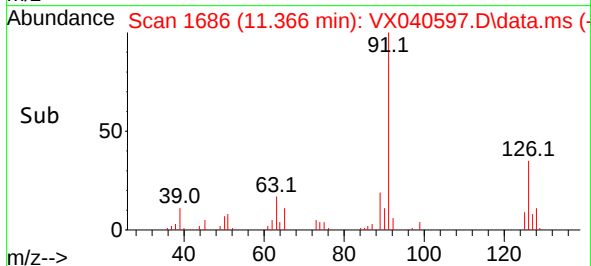
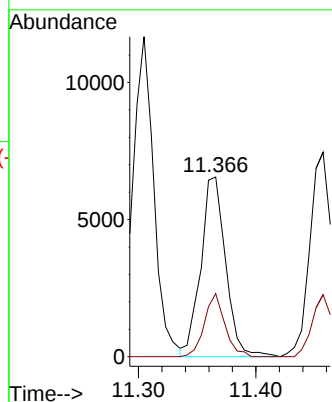
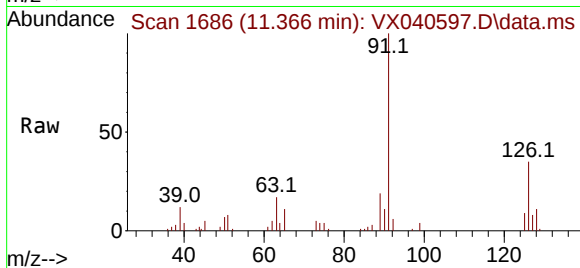
#75
2-Chlorotoluene
Concen: 2.700 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 963
Ion Ratio Lower Upper
91 100
126 28.9 0.0 64.2

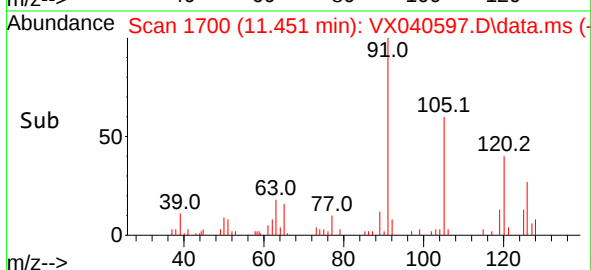
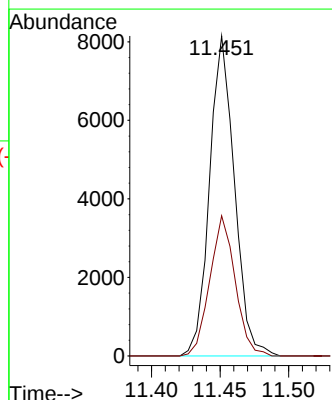
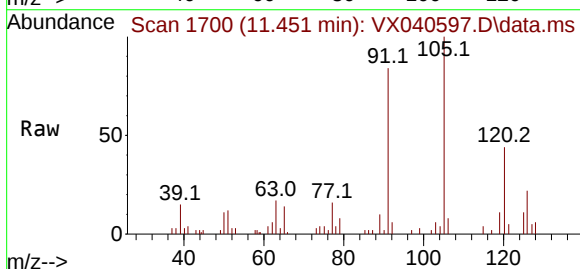
Manual Integrations
APPROVED

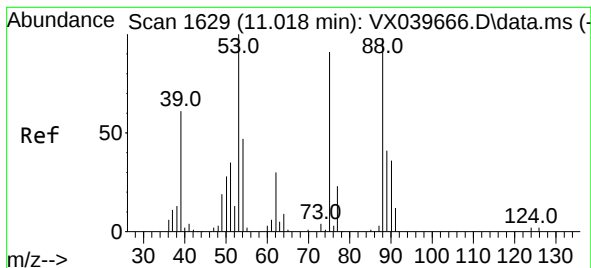
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#76
1,3,5-Trimethylbenzene
Concen: 2.404 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

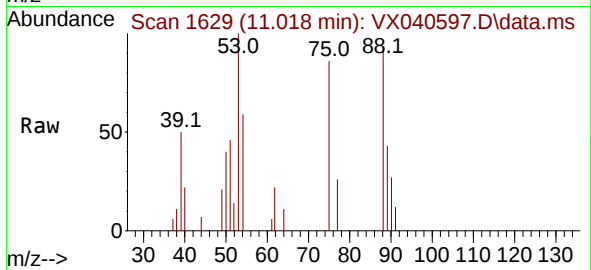
Tgt Ion:105 Resp: 10304
Ion Ratio Lower Upper
105 100
120 44.6 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 1.918 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

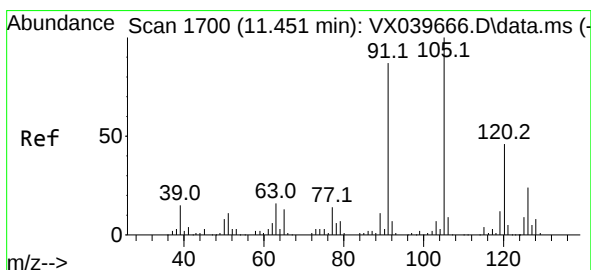
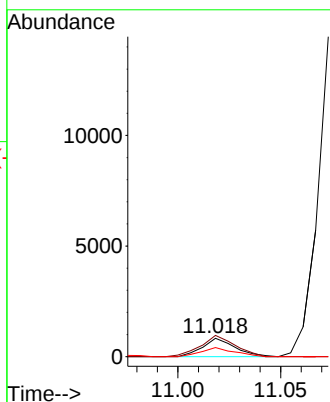
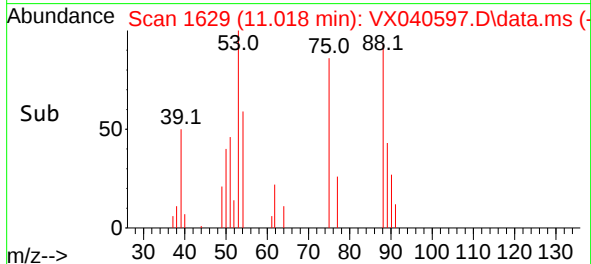
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 75 Resp: 91.1
Ion Ratio Lower Upper
75 100
53 115.7 46.9 140.8
89 49.6 21.3 63.7

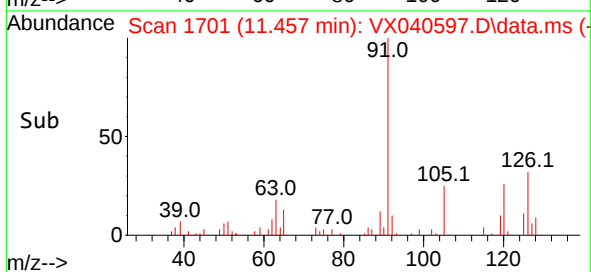
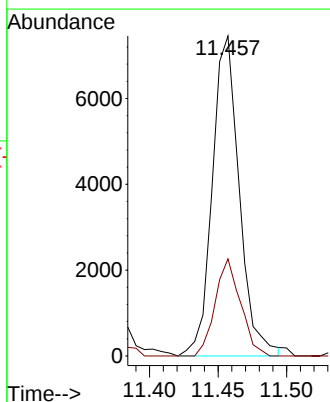
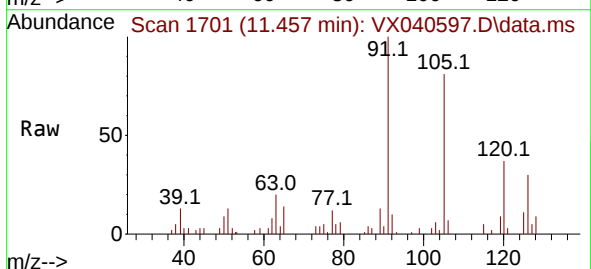
Manual Integrations
APPROVED

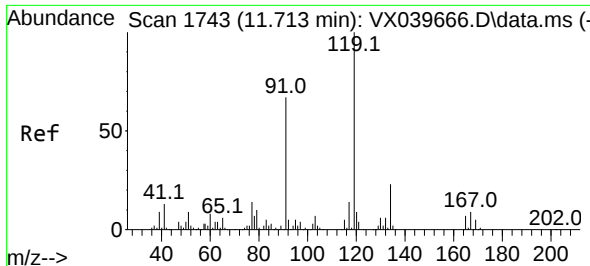
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#78
4-Chlorotoluene
Concen: 2.402 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

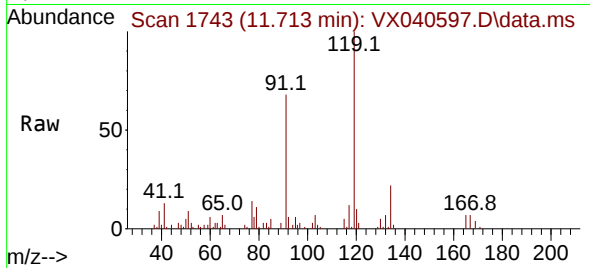
Tgt Ion: 91 Resp: 10223
Ion Ratio Lower Upper
91 100
126 28.5 0.0 57.4





#79
tert-butylbenzene
Concen: 2.387 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

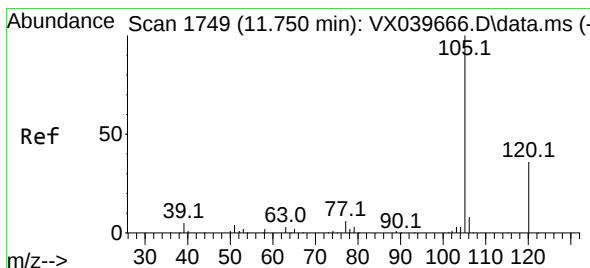
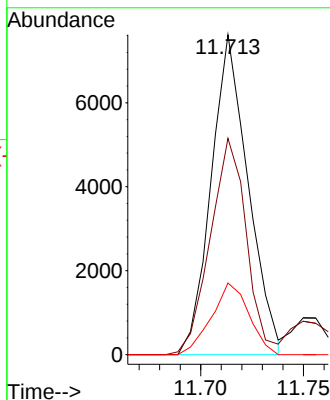
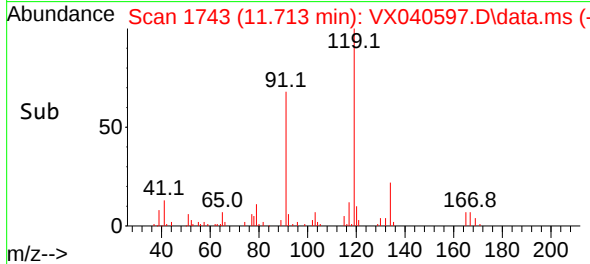
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



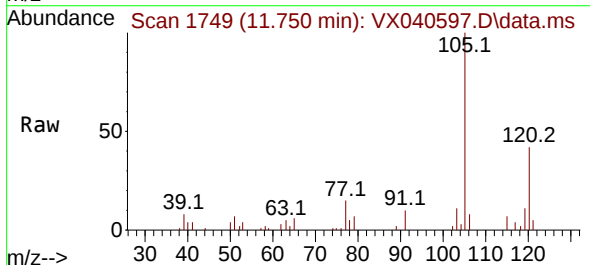
Tgt Ion:119 Resp: 9548
Ion Ratio Lower Upper
119 100
91 66.2 0.0 125.6
134 22.6 0.0 43.8

Manual Integrations
APPROVED

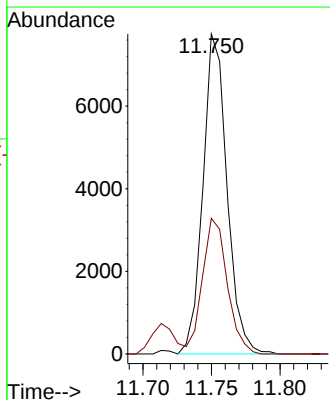
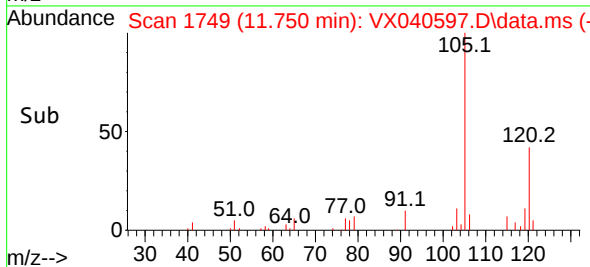
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

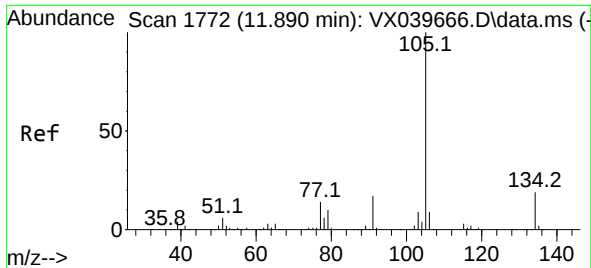


#80
1,2,4-Trimethylbenzene
Concen: 2.244 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



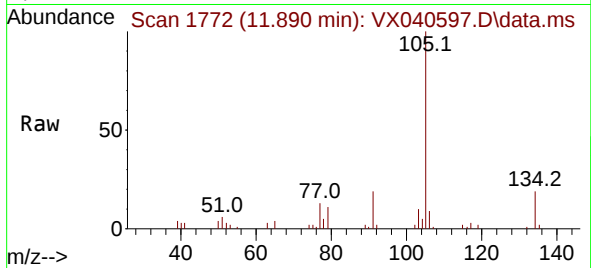
Tgt Ion:105 Resp: 9474
Ion Ratio Lower Upper
105 100
120 43.5 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 2.343 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040597.D
 Acq: 06 Mar 2024 10:58

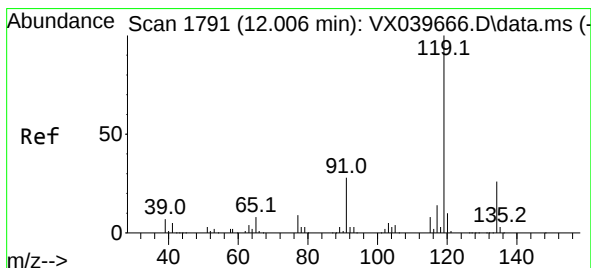
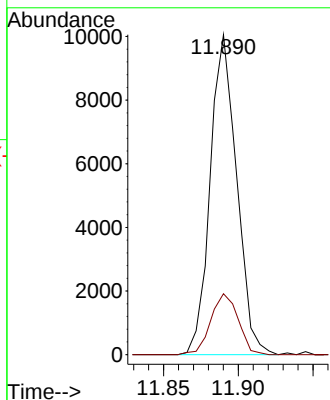
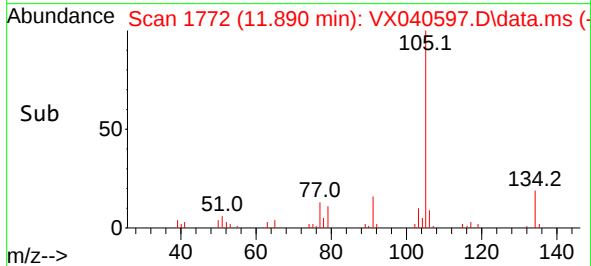
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024



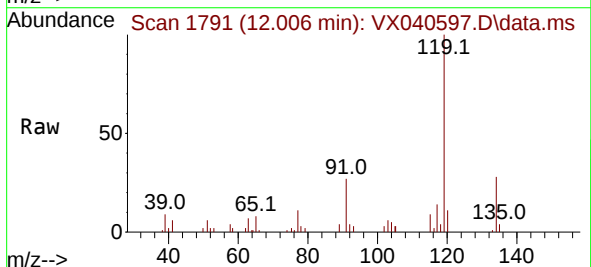
Tgt Ion:105 Resp: 12375
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.4

Manual Integrations
 APPROVED

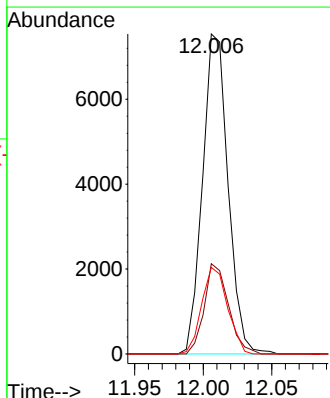
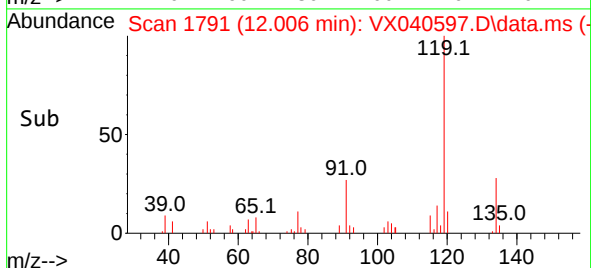
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024

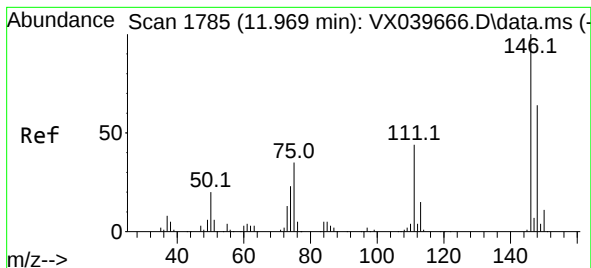


#82
 p-Isopropyltoluene
 Concen: 2.263 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040597.D
 Acq: 06 Mar 2024 10:58



Tgt Ion:119 Resp: 9782
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.6
 91 27.3 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 2.512 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040597.D

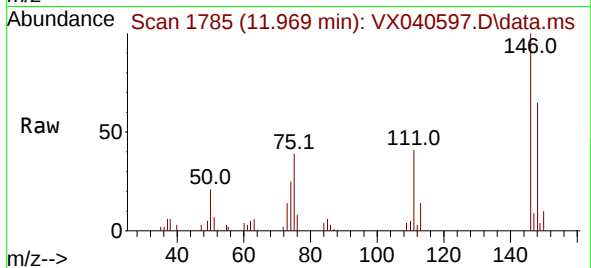
Acq: 06 Mar 2024 10:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion:146 Resp: 5632

Ion Ratio Lower Upper

146 100

111 43.1 22.3 66.9

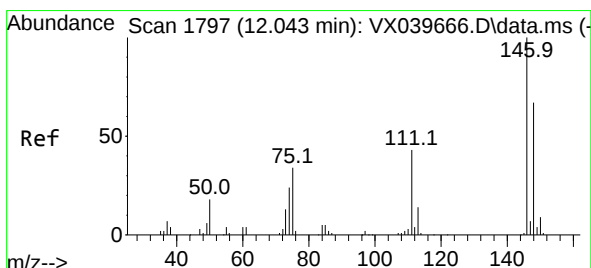
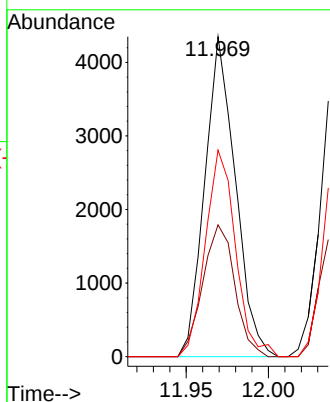
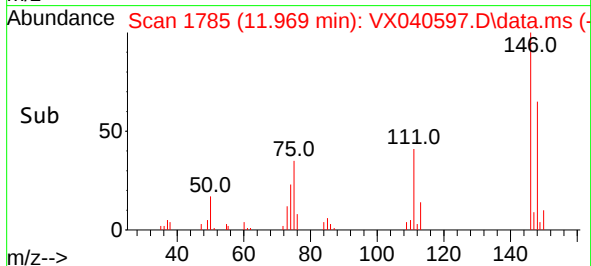
148 63.6 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#84

1,4-Dichlorobenzene

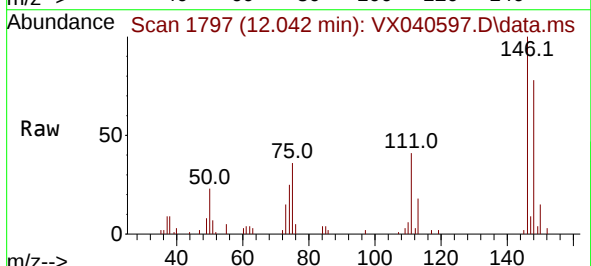
Concen: 2.606 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX040597.D

Acq: 06 Mar 2024 10:58



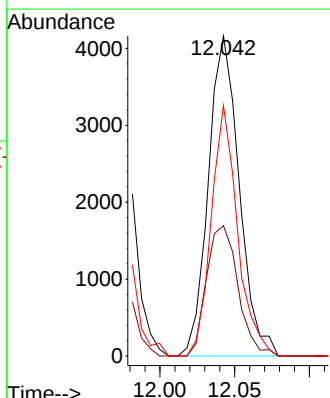
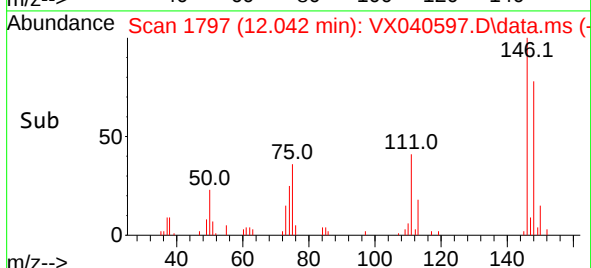
Tgt Ion:146 Resp: 5976

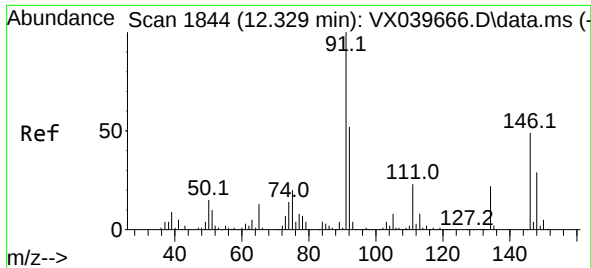
Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.2

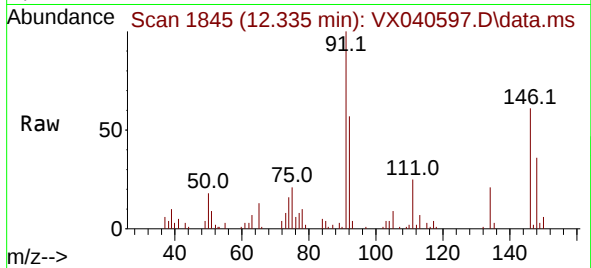
148 66.7 31.8 95.4





#85
n-Butylbenzene
Concen: 2.210 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

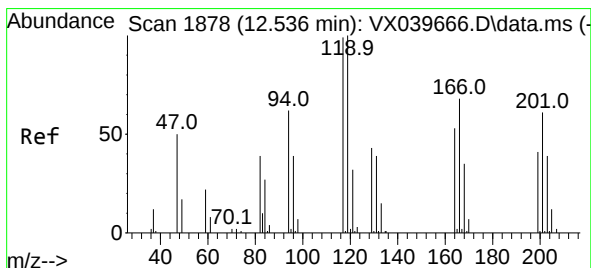
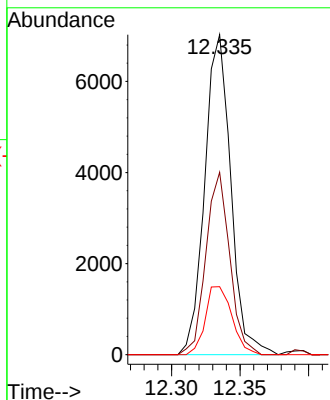
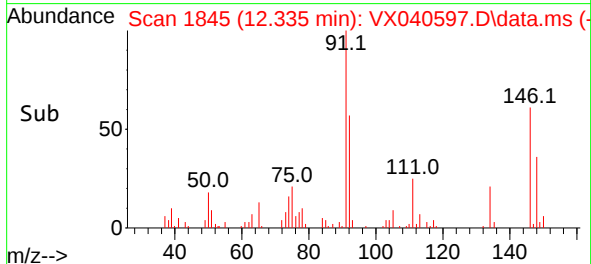
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 91 Resp: 929
Ion Ratio Lower Upper
91 100
92 52.1 0.0 106.2
134 21.7 0.0 48.8

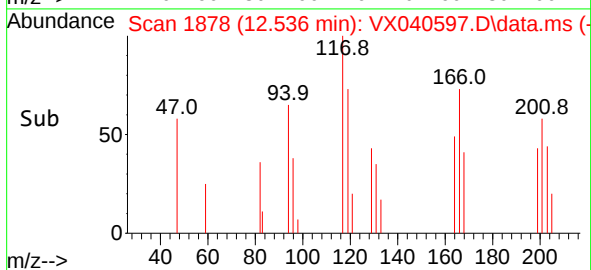
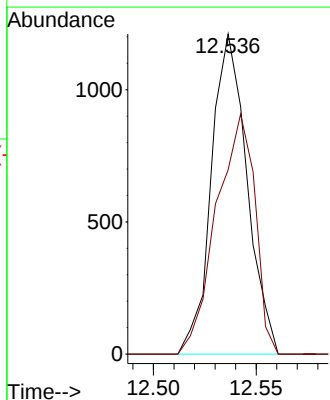
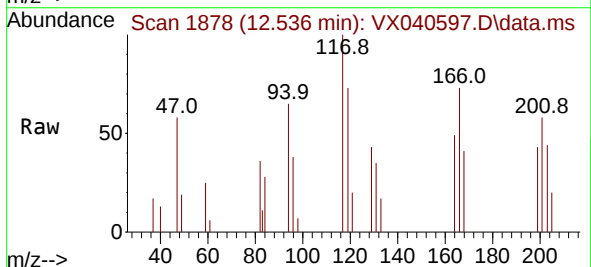
Manual Integrations
APPROVED

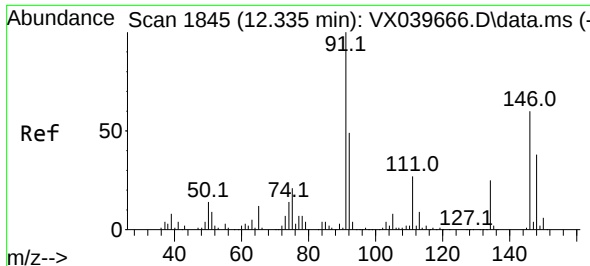
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#86
Hexachloroethane
Concen: 1.933 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

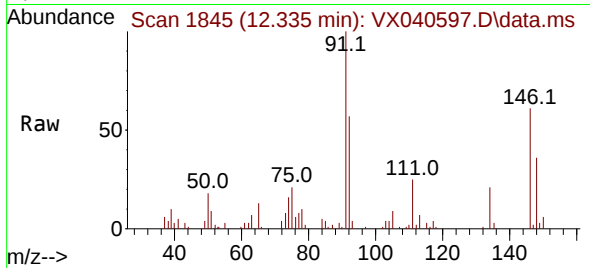
Tgt Ion:117 Resp: 1458
Ion Ratio Lower Upper
117 100
201 81.3 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 2.458 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

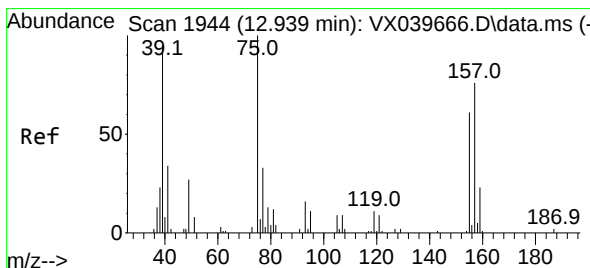
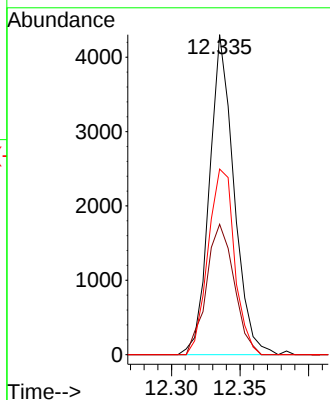
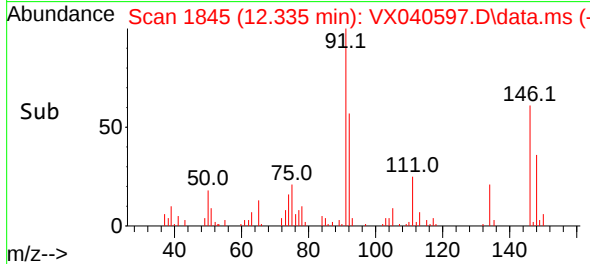
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



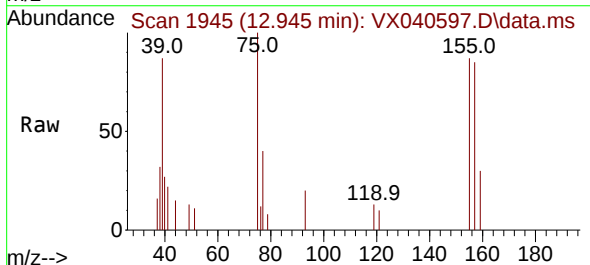
Tgt Ion:146 Resp: 5350
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.2
148 62.4 31.9 95.7

Manual Integrations
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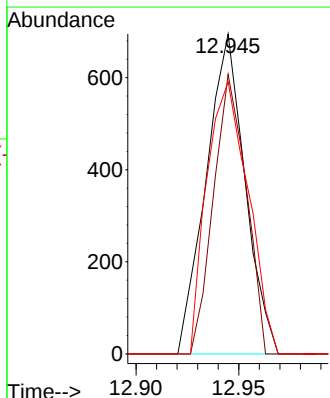
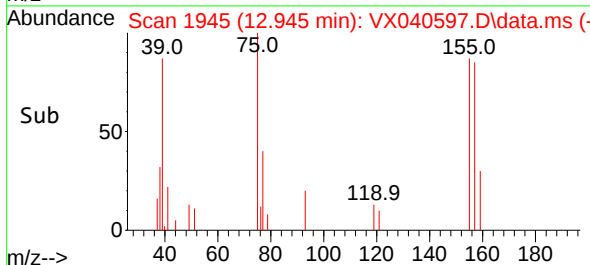
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

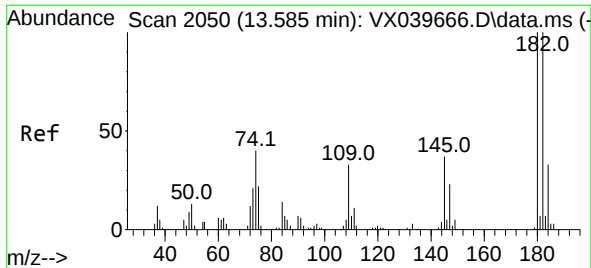


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.010 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



Tgt Ion: 75 Resp: 917
Ion Ratio Lower Upper
75 100
155 73.0 58.2 87.4
157 90.2 76.5 114.7





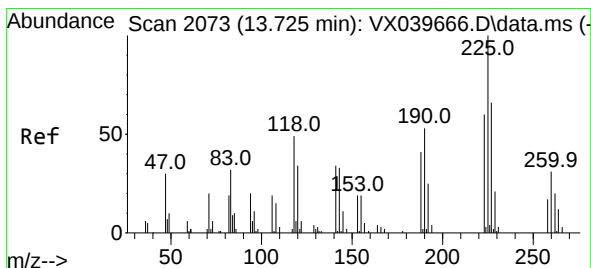
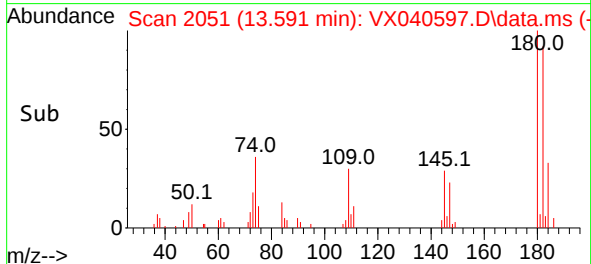
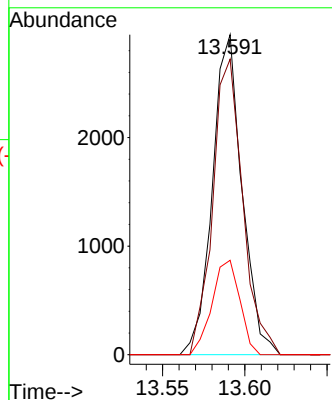
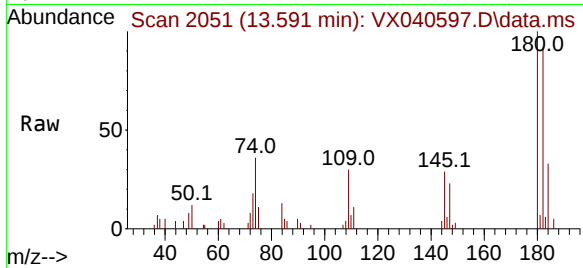
#89
1,2,4-Trichlorobenzene
Concen: 2.520 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.5	111.7
145	27.7	26.6	40.0

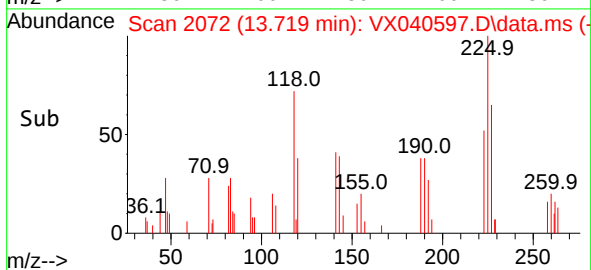
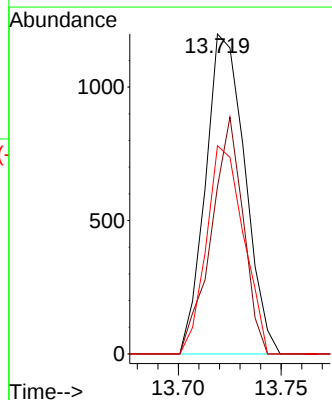
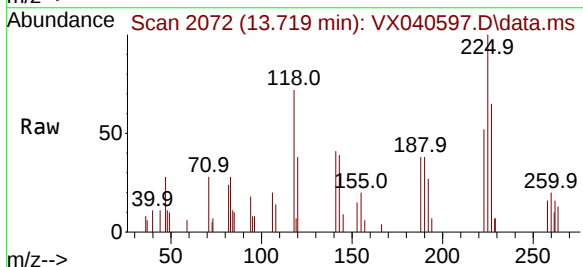
Manual Integrations
APPROVED

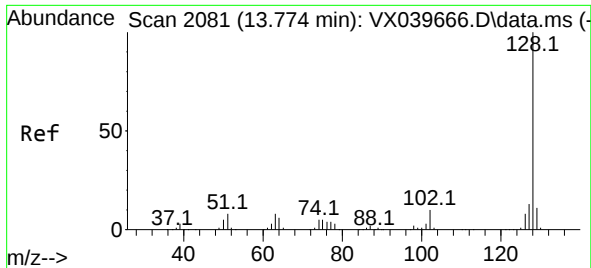
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#90
Hexachlorobutadiene
Concen: 2.695 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

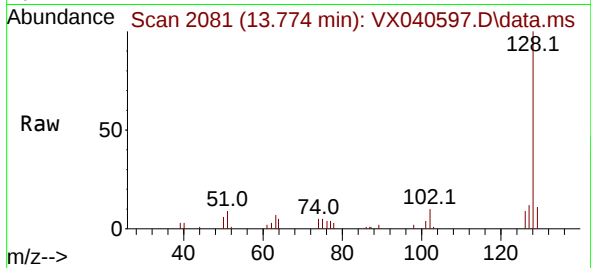
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	0.0	124.4
227	61.7	0.0	124.4





#91
Naphthalene
Concen: 2.142 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58

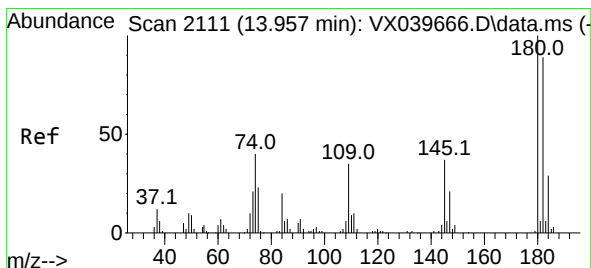
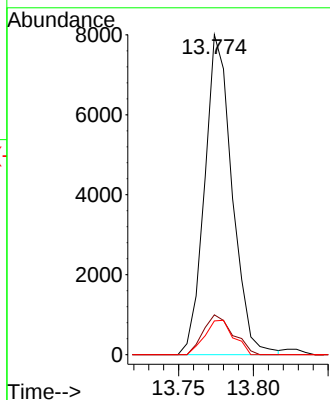
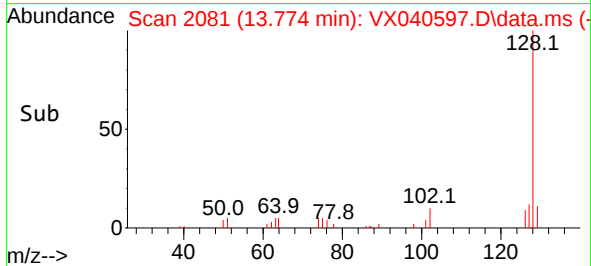
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



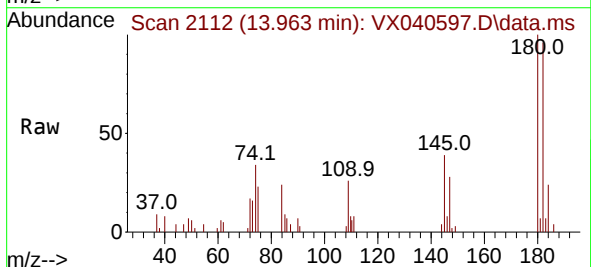
Tgt Ion:128 Resp: 10249
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#92
1,2,3-Trichlorobenzene
Concen: 2.368 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040597.D
Acq: 06 Mar 2024 10:58



Tgt Ion:180 Resp: 3426
Ion Ratio Lower Upper
180 100
182 96.5 0.0 191.6
145 38.0 0.0 69.6

