

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030072.D
 Acq On : 14 Jul 2022 19:41
 Operator : JC/MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 15 06:41:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 15 06:39:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	152184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	289887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114018	61.553	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.100%			
35) Dibromofluoromethane	5.397	113	99864	53.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.860%			
50) Toluene-d8	8.653	98	359701	51.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	11.085	95	118973	49.223	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	617	0.382	ug/l	90
3) Chloromethane	1.288	50	636	0.401	ug/l #	77
4) Vinyl Chloride	1.374	62	771	0.438	ug/l #	79
5) Bromomethane	1.611	94	589	0.787	ug/l	85
6) Chloroethane	1.685	64	785	0.791	ug/l #	85
7) Trichlorofluoromethane	1.892	101	1138	0.500	ug/l #	74
8) Diethyl Ether	2.142	74	505	0.537	ug/l #	24
9) 1,1,2-Trichlorotrifluo...	2.325	101	702	0.452	ug/l #	77
10) Methyl Iodide	2.453	142	608	0.476	ug/l #	90
11) Tert butyl alcohol	2.971	59	1987	4.156	ug/l #	88
12) 1,1-Dichloroethene	2.325	96	747	0.482	ug/l #	72
13) Acrolein	2.209	56	60	0.630	ug/l #	46
14) Allyl chloride	2.660	41	1164	0.430	ug/l #	72
15) Acrylonitrile	3.068	53	3199	2.944	ug/l	95
16) Acetone	2.398	43	3168	3.630	ug/l	96
17) Carbon Disulfide	2.508	76	1451	0.372	ug/l #	79
18) Methyl Acetate	2.715	43	2317	0.873	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	2527	0.516	ug/l #	79
20) Methylene Chloride	2.788	84	1477	0.731	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	836	0.517	ug/l #	71
22) Diisopropyl ether	3.776	45	3235	0.610	ug/l #	80
23) Vinyl Acetate	3.727	43	10270	2.287	ug/l	97
24) 1,1-Dichloroethane	3.611	63	1813	0.617	ug/l #	89
25) 2-Butanone	4.593	43	4628	3.113	ug/l #	84
27) cis-1,2-Dichloroethene	4.501	96	882	0.446	ug/l	85
28) Bromochloromethane	4.903	49	665	0.538	ug/l #	92
29) Tetrahydrofuran	5.038	42	3210	3.181	ug/l	99
30) Chloroform	5.111	83	1732m	0.591	ug/l	
31) Cyclohexane	5.470	56	1009	0.376	ug/l #	89
32) 1,1,1-Trichloroethane	5.397	97	1185m	0.495	ug/l	
36) 1,1-Dichloropropene	5.702	75	1518	0.635	ug/l #	70
37) Ethyl Acetate	4.733	43	1296m	0.422	ug/l	
38) Carbon Tetrachloride	5.678	117	945	0.424	ug/l #	57
39) Methylcyclohexane	7.391	83	1041	0.343	ug/l #	72
40) Benzene	6.050	78	3566	0.474	ug/l	92
41) Methacrylonitrile	4.946	41	1076	0.650	ug/l #	63

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Manual Integrations
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Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.098	62	1613	0.691	ug/l	85
43) Isopropyl Acetate	6.361	43	2600	0.563	ug/l #	77
44) Trichloroethene	7.129	130	1485	0.675	ug/l	98
45) 1,2-Dichloropropane	7.440	63	1065	0.544	ug/l #	86
46) Dibromomethane	7.586	93	729	0.541	ug/l	91
47) Bromodichloromethane	7.824	83	1238	0.507	ug/l #	96
48) Methyl methacrylate	7.708	41	1323	0.620	ug/l #	78
49) 1,4-Dioxane	7.696	88	717m	12.940	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	7653	2.502	ug/l	94
52) Toluene	8.726	92	2171	0.454	ug/l	92
53) t-1,3-Dichloropropene	8.988	75	1031	0.406	ug/l #	85
54) cis-1,3-Dichloropropene	8.378	75	1322	0.455	ug/l #	77
55) 1,1,2-Trichloroethane	9.159	97	1126	0.571	ug/l #	83
56) Ethyl methacrylate	9.128	69	1472	0.497	ug/l	88
57) 1,3-Dichloropropane	9.317	76	1634	0.522	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.257	63	3280	2.038	ug/l	98
59) 2-Hexanone	9.439	43	5686	2.424	ug/l	93
60) Dibromochloromethane	9.531	129	930	0.484	ug/l	97
61) 1,2-Dibromoethane	9.610	107	931	0.454	ug/l	92
64) Tetrachloroethene	9.281	164	3013	1.452	ug/l #	93
65) Chlorobenzene	10.085	112	2474	0.481	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	756	0.431	ug/l #	55
67) Ethyl Benzene	10.195	91	4017	0.460	ug/l	92
68) m/p-Xylenes	10.305	106	2766	0.808	ug/l	90
69) o-Xylene	10.646	106	1299	0.379	ug/l	80
70) Styrene	10.659	104	2115	0.372	ug/l #	89
71) Bromoform	10.805	173	711	0.504	ug/l #	91
73) Isopropylbenzene	10.969	105	3335	0.428	ug/l	83
74) N-amyl acetate	10.848	43	1642	0.479	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.219	83	1559	0.554	ug/l	99
76) 1,2,3-Trichloropropane	11.250	75	1556m	0.604	ug/l	
77) Bromobenzene	11.201	156	1185	0.607	ug/l	84
78) n-propylbenzene	11.311	91	3929	0.425	ug/l	91
79) 2-Chlorotoluene	11.372	91	2699	0.487	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	2367	0.360	ug/l	75
81) trans-1,4-Dichloro-2-b...	11.018	75	346m	0.388	ug/l	
82) 4-Chlorotoluene	11.463	91	3113	0.501	ug/l	100
83) tert-Butylbenzene	11.719	119	2789	0.442	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	2630	0.405	ug/l	79
85) sec-Butylbenzene	11.890	105	3229	0.387	ug/l	99
86) p-Isopropyltoluene	12.012	119	2372	0.355	ug/l #	76
87) 1,3-Dichlorobenzene	11.975	146	1781	0.494	ug/l	92
88) 1,4-Dichlorobenzene	12.042	146	2039m	0.551	ug/l	
89) n-Butylbenzene	12.335	91	1795	0.300	ug/l	86
90) Hexachloroethane	12.536	117	522	0.457	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	1609	0.439	ug/l	79
92) 1,2-Dibromo-3-Chloropr...	12.945	75	317	0.493	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	1029	0.457	ug/l	87
94) Hexachlorobutadiene	13.731	225	289	0.322	ug/l #	67
95) Naphthalene	13.780	128	3528	0.395	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	968	0.423	ug/l	96

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Response via : Initial Calibration

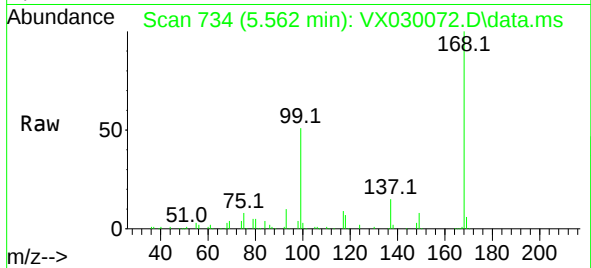
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

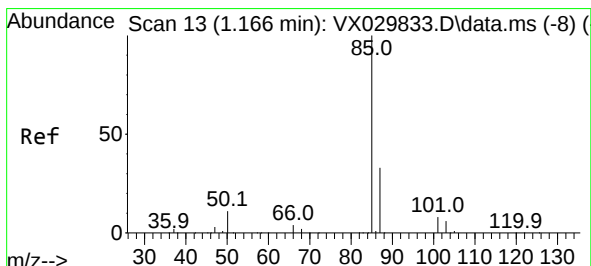
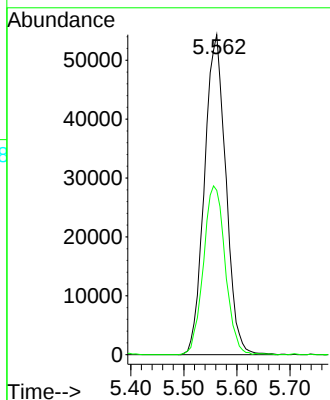
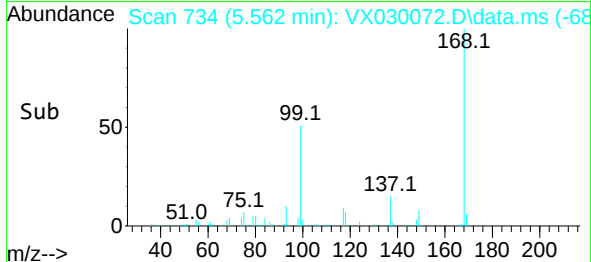
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:168 Resp: 152184
Ion Ratio Lower Upper
168 100
99 51.4 44.0 66.0

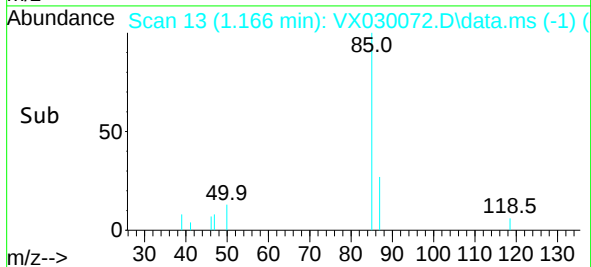
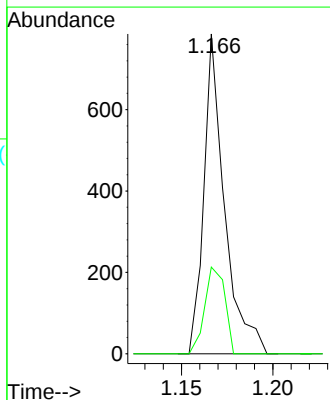
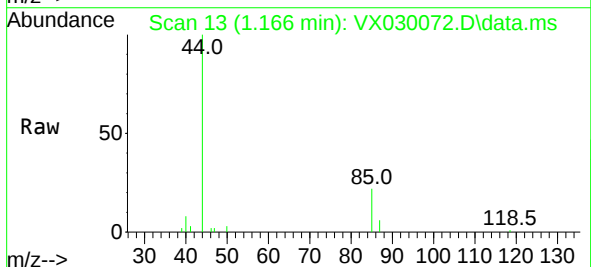
Manual Integrations
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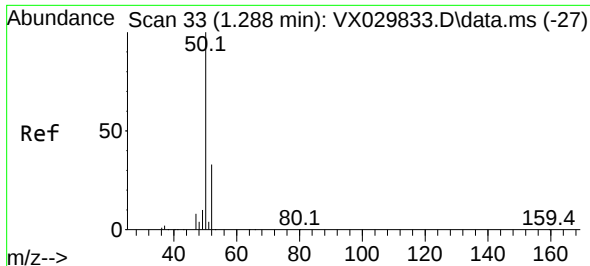
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#2
Dichlorodifluoromethane
Concen: 0.382 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

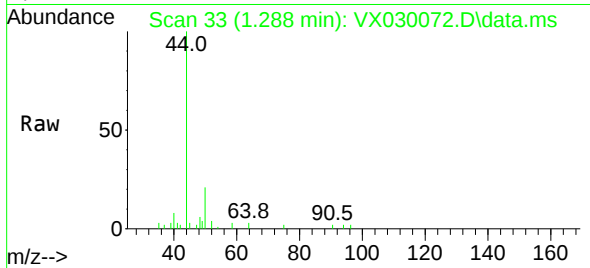
Tgt Ion: 85 Resp: 617
Ion Ratio Lower Upper
85 100
87 27.1 16.5 49.5





#3
Chloromethane
Concen: 0.401 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

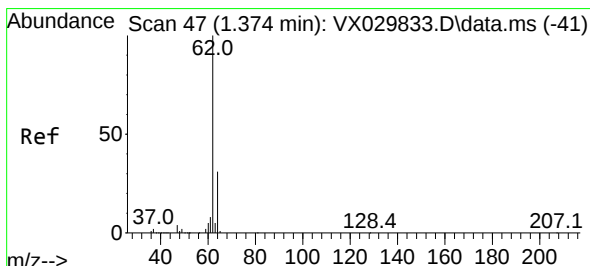
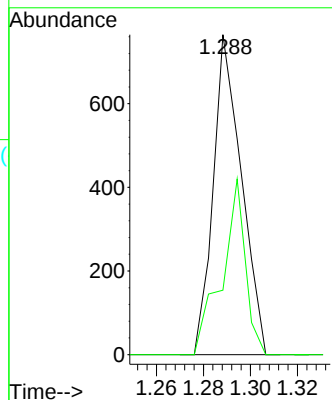
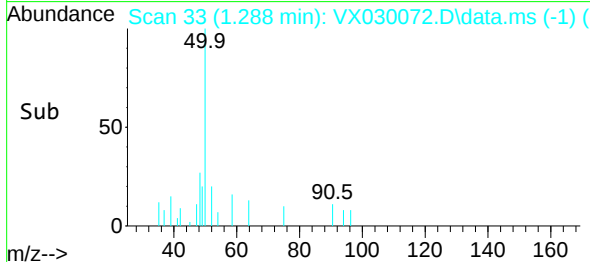
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 630
Ion Ratio Lower Upper
50 100
52 20.1 26.3 39.5

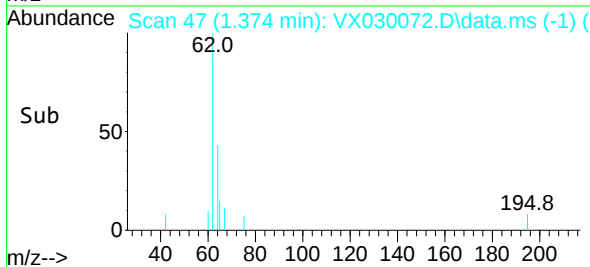
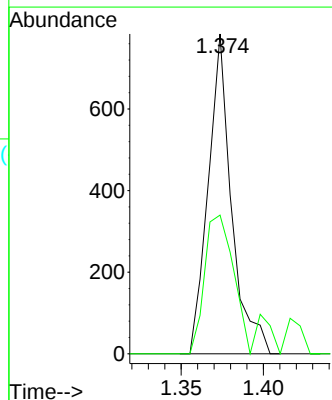
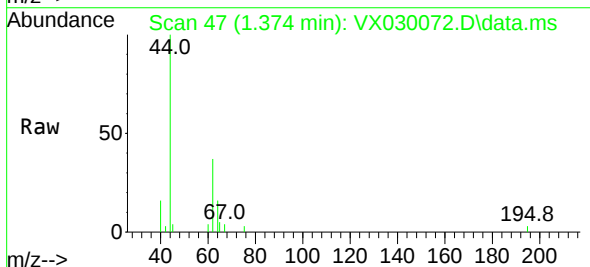
Manual Integrations
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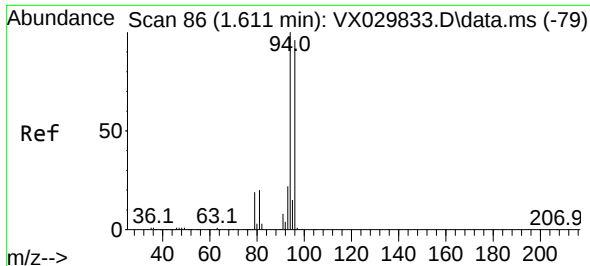
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#4
Vinyl Chloride
Concen: 0.438 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

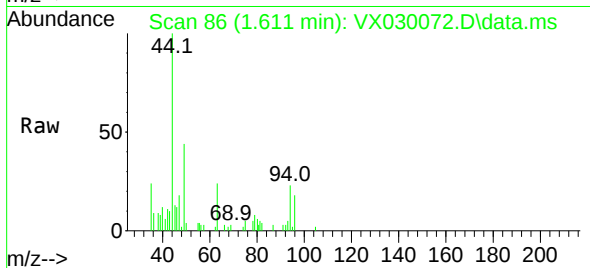
Tgt Ion: 62 Resp: 771
Ion Ratio Lower Upper
62 100
64 43.4 25.2 37.8





#5
Bromomethane
Concen: 0.787 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

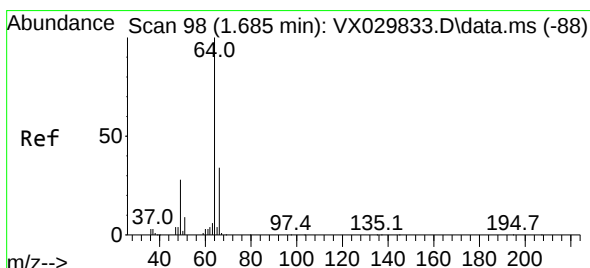
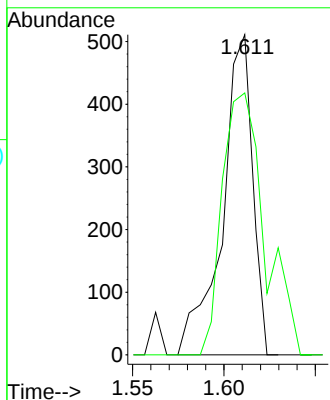
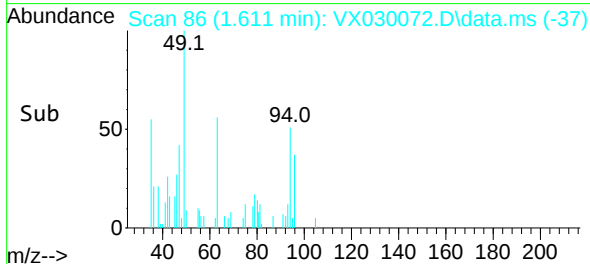
Instrument :
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ClientSampleId :
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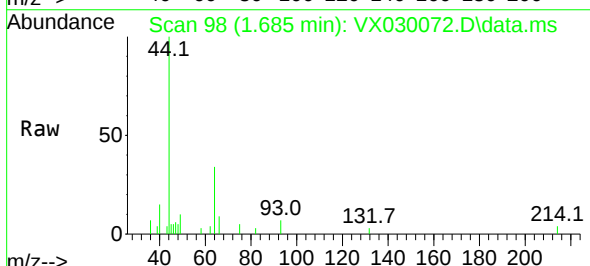
Tgt Ion: 94 Resp: 589
Ion Ratio Lower Upper
94 100
96 81.8 76.9 115.3

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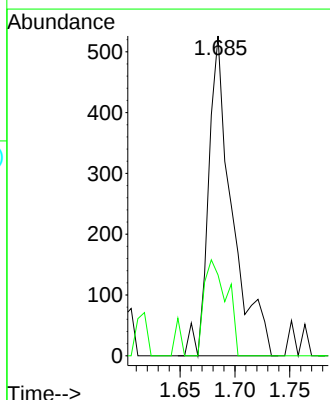
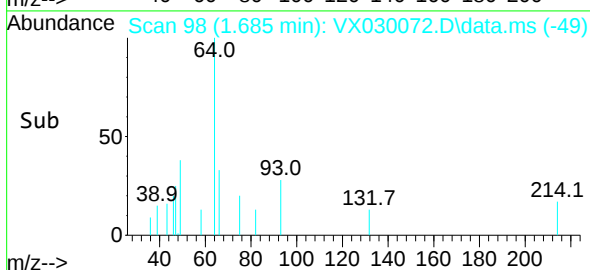
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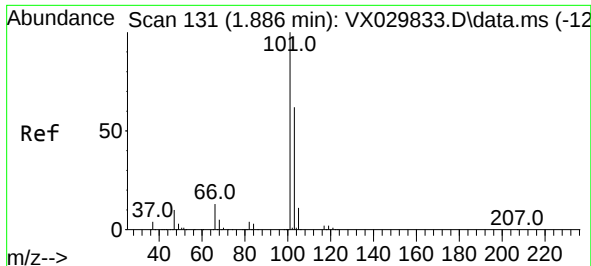


#6
Chloroethane
Concen: 0.791 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



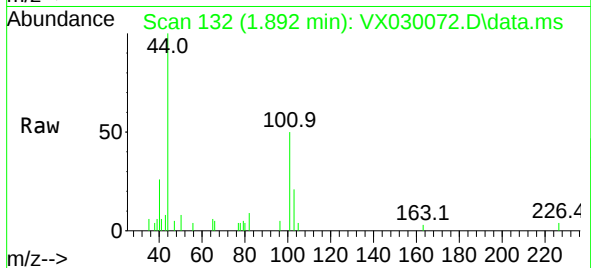
Tgt Ion: 64 Resp: 785
Ion Ratio Lower Upper
64 100
66 25.3 27.2 40.8





#7
Trichlorofluoromethane
Concen: 0.500 ug/l
RT: 1.892 min Scan# 113
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

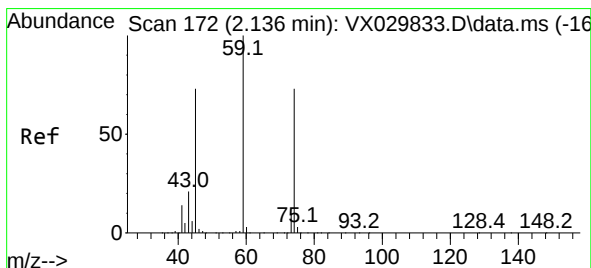
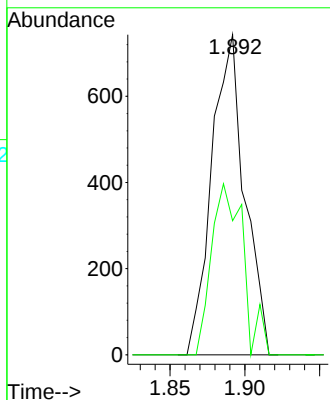
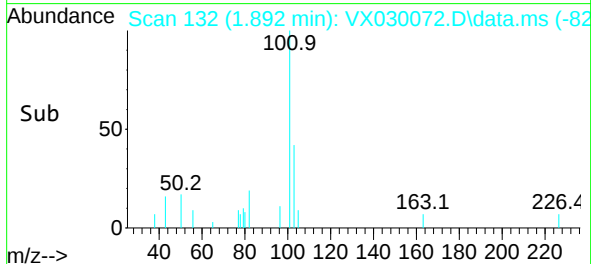
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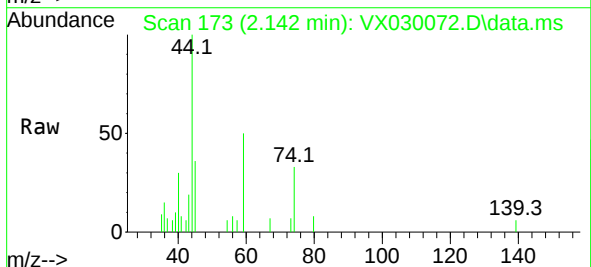
Tgt Ion:101 Resp: 1138
Ion Ratio Lower Upper
101 100
103 41.9 49.7 74.5

Manual Integrations
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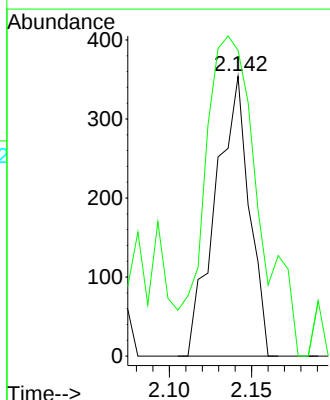
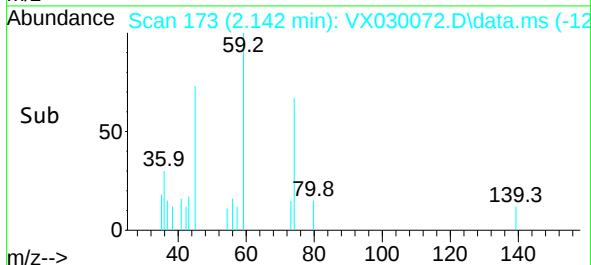
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#8
Diethyl Ether
Concen: 0.537 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



Tgt Ion: 74 Resp: 505
Ion Ratio Lower Upper
74 100
45 180.6 51.5 154.7





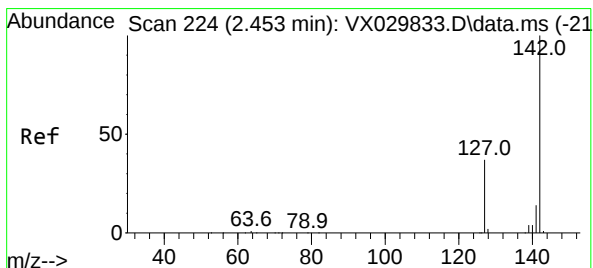
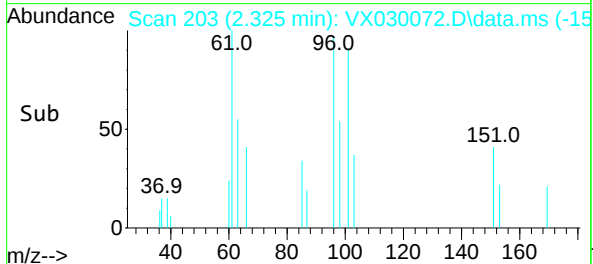
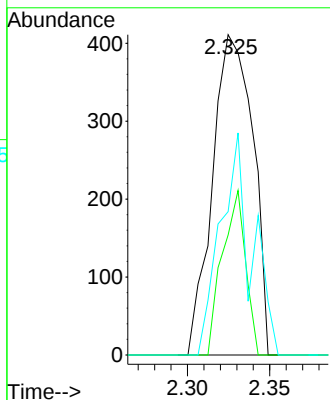
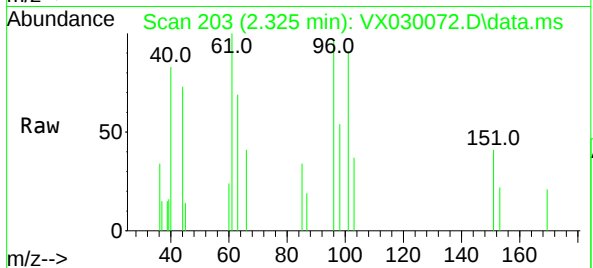
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.452 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030072.D
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Tgt Ion:101 Resp: 702
Ion Ratio Lower Upper
101 100
85 29.5 34.0 51.0
151 53.3 59.4 89.0

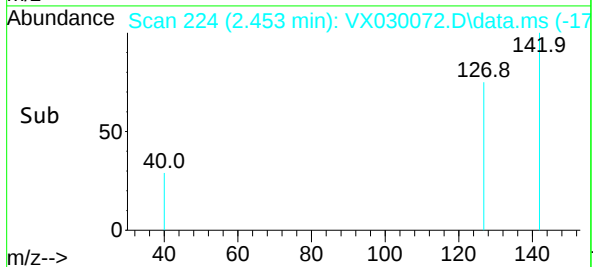
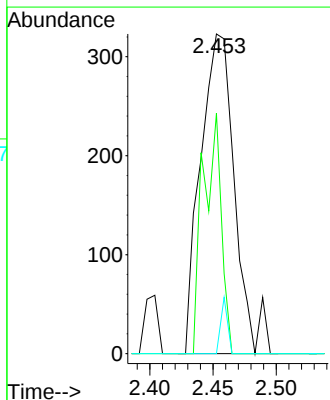
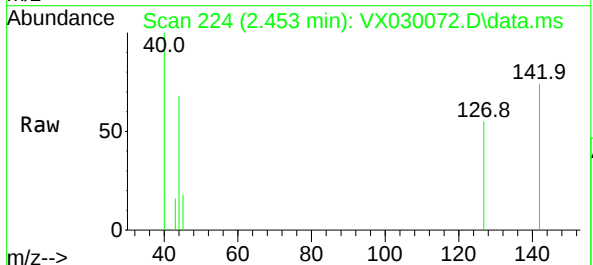
Manual Integrations
APPROVED

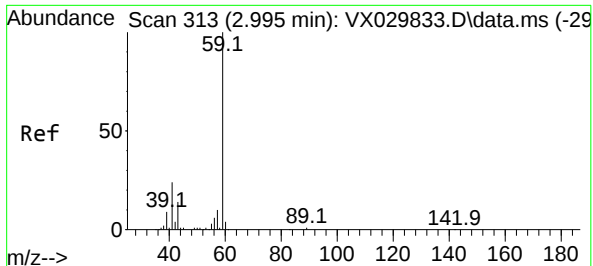
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#10
Methyl Iodide
Concen: 0.476 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

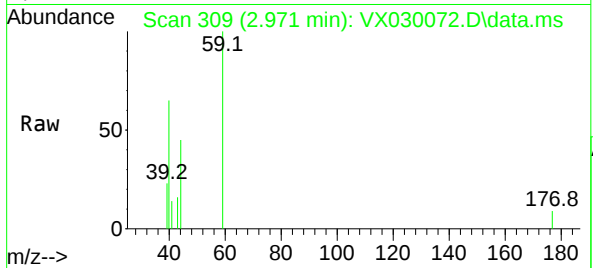
Tgt Ion:142 Resp: 608
Ion Ratio Lower Upper
142 100
127 40.3 30.2 45.2
141 3.5 11.3 16.9





#11
Tert butyl alcohol
Concen: 4.156 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

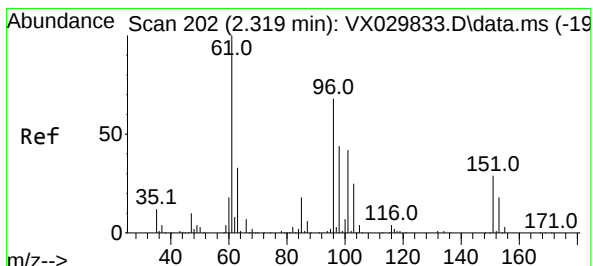
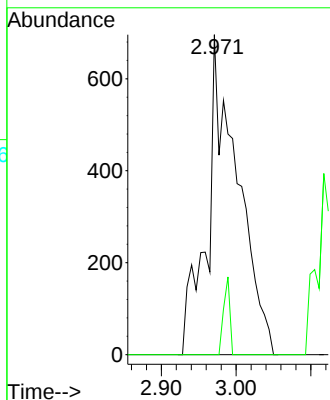
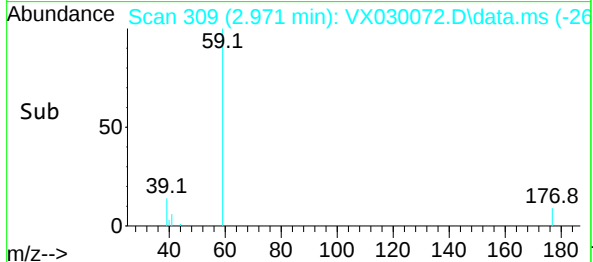
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022



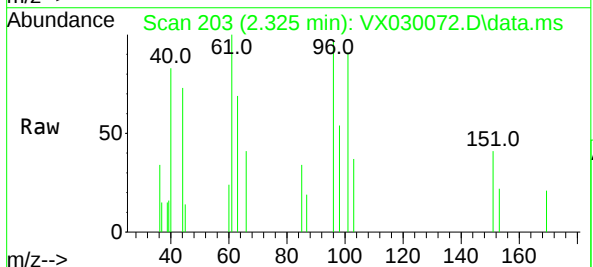
Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 4.9 7.4 11.2

Manual Integrations
APPROVED

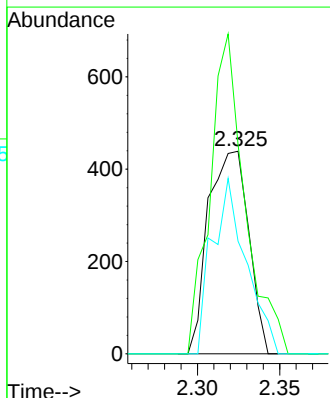
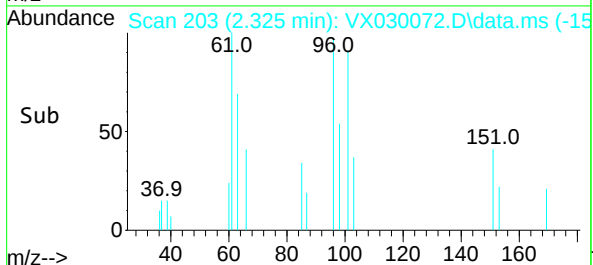
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

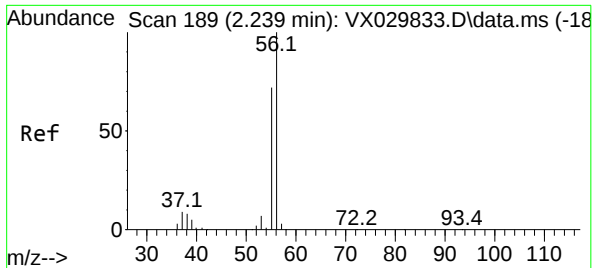


#12
1,1-Dichloroethene
Concen: 0.482 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



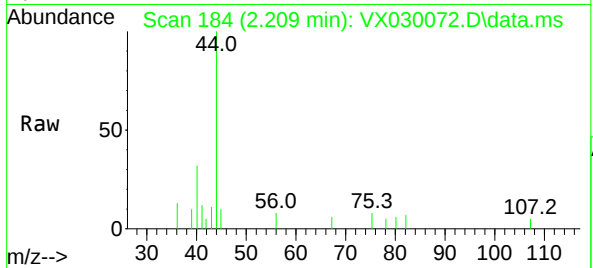
Tgt Ion: 96 Resp: 747
Ion Ratio Lower Upper
96 100
61 103.4 117.4 176.0#
98 55.6 52.2 78.4





#13
Acrolein
Concen: 0.630 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

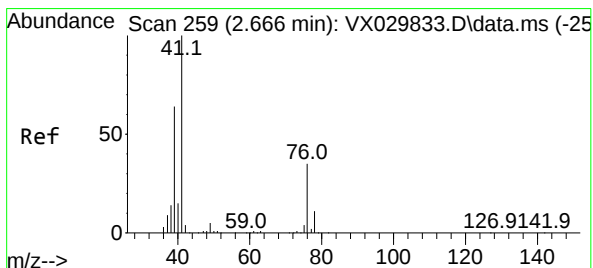
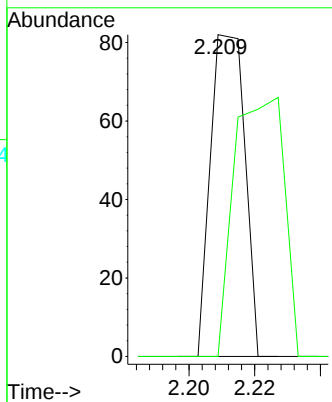
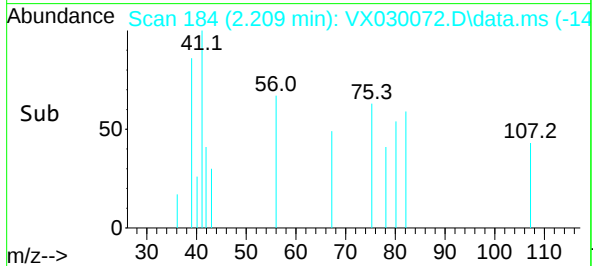
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 115.0 56.6 84.8

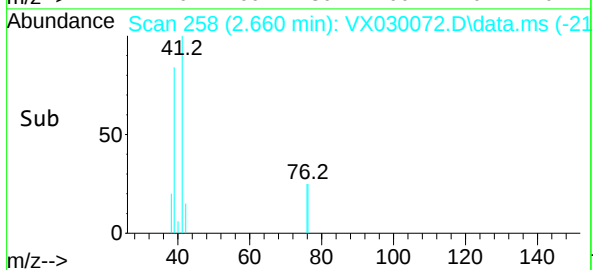
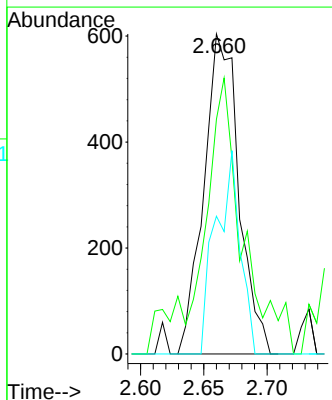
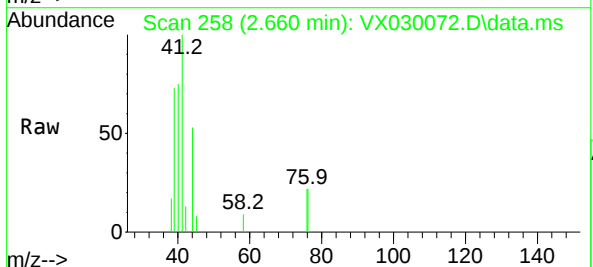
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#14
Allyl chloride
Concen: 0.430 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

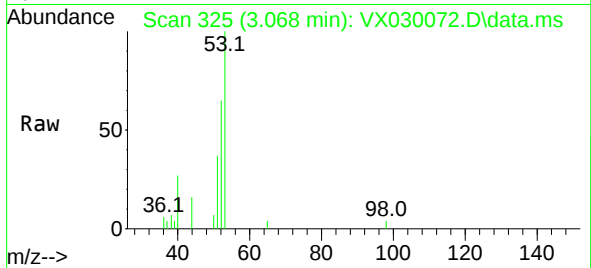
Tgt Ion: 41 Resp: 1164
Ion Ratio Lower Upper
41 100
39 86.4 48.9 73.3#
76 44.2 26.9 40.3#





#15
Acrylonitrile
Concen: 2.944 ug/l
RT: 3.068 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

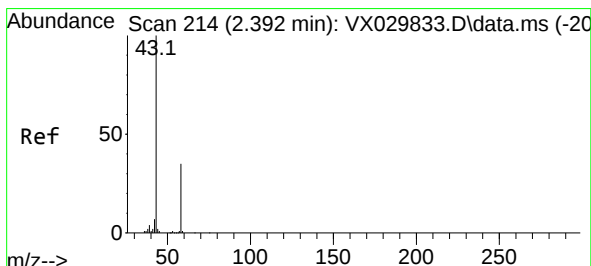
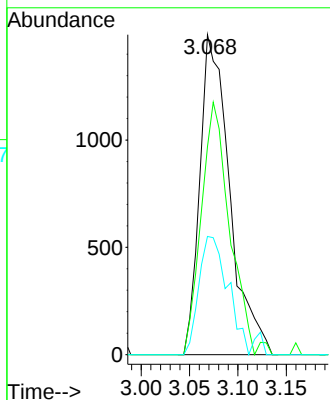
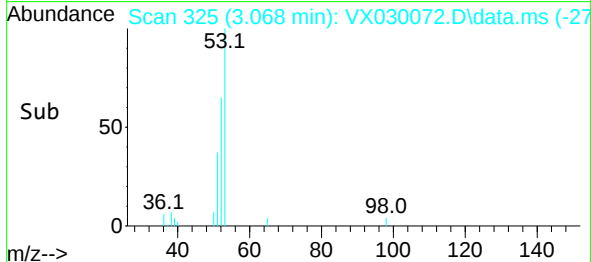
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



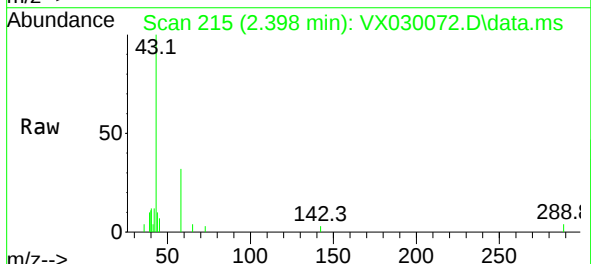
Tgt Ion: 53 Resp: 319
Ion Ratio Lower Upper
53 100
52 75.7 65.4 98.0
51 35.9 27.7 41.5

Manual Integrations
APPROVED

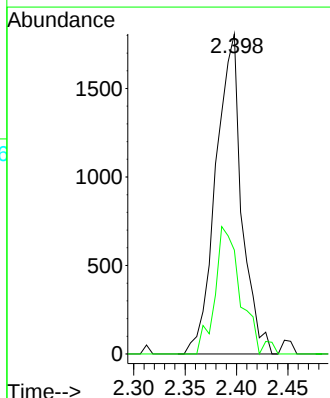
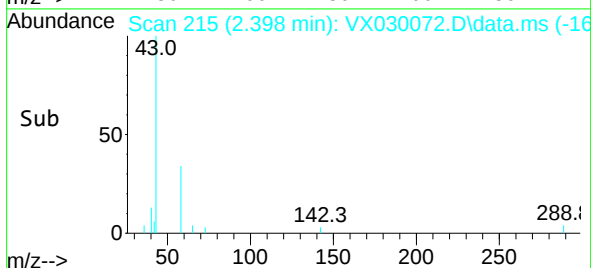
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

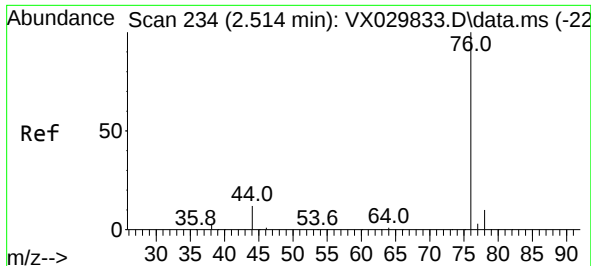


#16
Acetone
Concen: 3.630 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



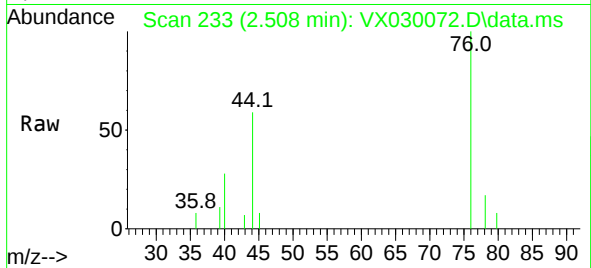
Tgt Ion: 43 Resp: 3168
Ion Ratio Lower Upper
43 100
58 32.5 27.7 41.5





#17
Carbon Disulfide
Concen: 0.372 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

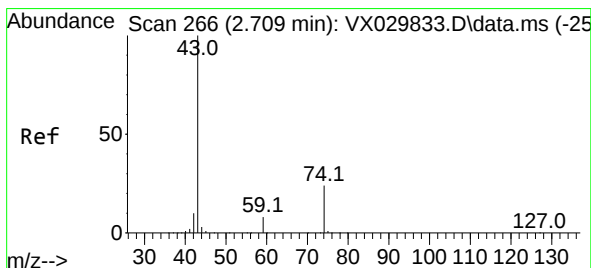
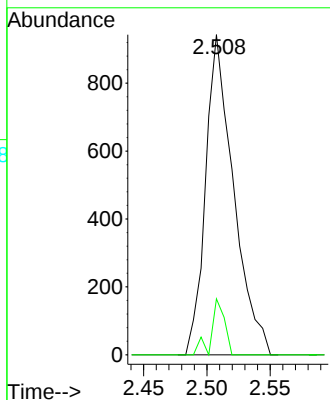
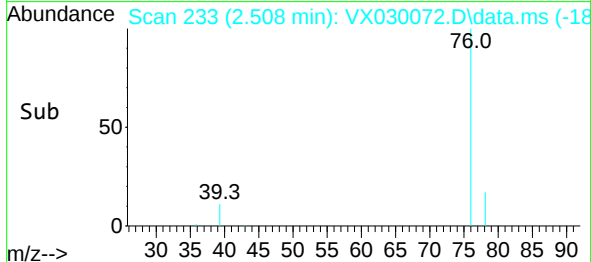
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 76 Resp: 145
Ion Ratio Lower Upper
76 100
78 17.5 7.8 11.6

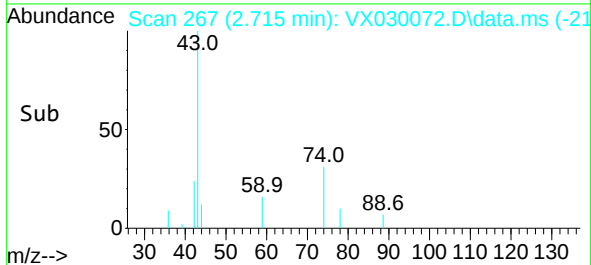
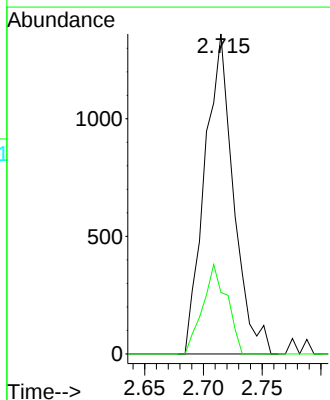
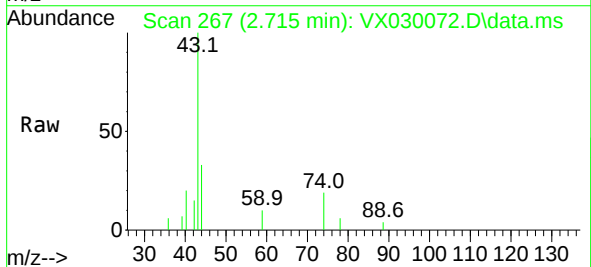
Manual Integrations
APPROVED

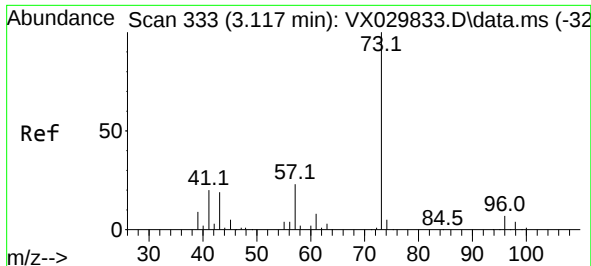
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#18
Methyl Acetate
Concen: 0.873 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2





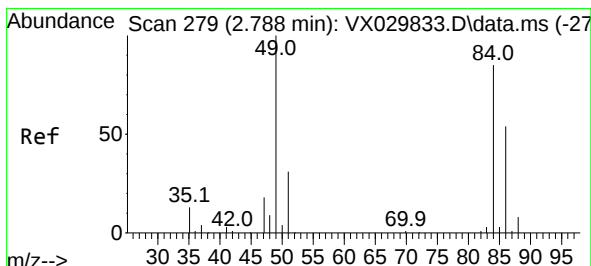
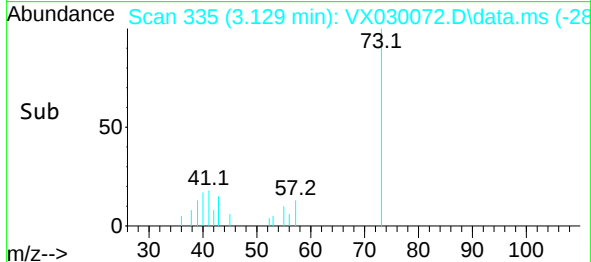
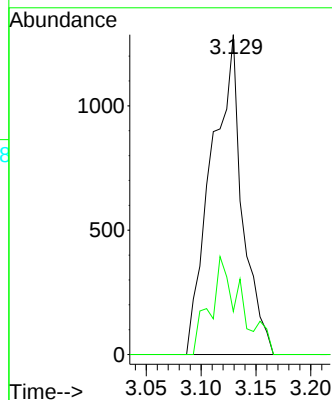
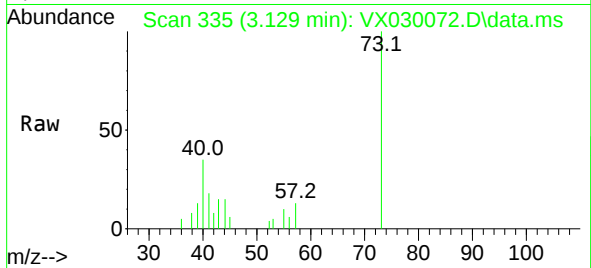
#19
Methyl tert-butyl Ether
Concen: 0.516 ug/l
RT: 3.129 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 73 Resp: 252
Ion Ratio Lower Upper
73 100
57 13.5 19.0 28.6

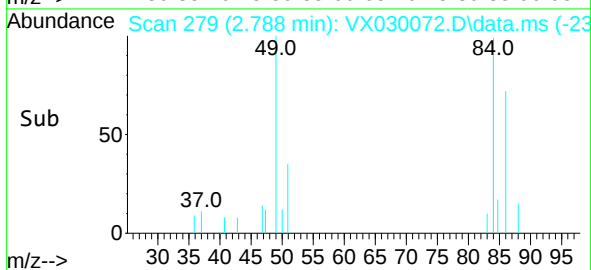
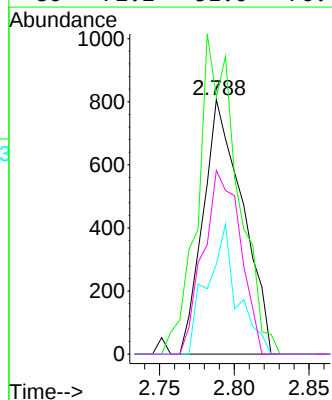
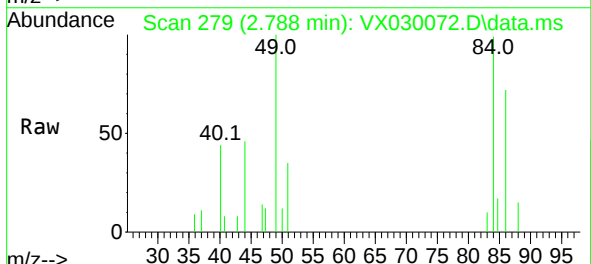
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#20
Methylene Chloride
Concen: 0.731 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

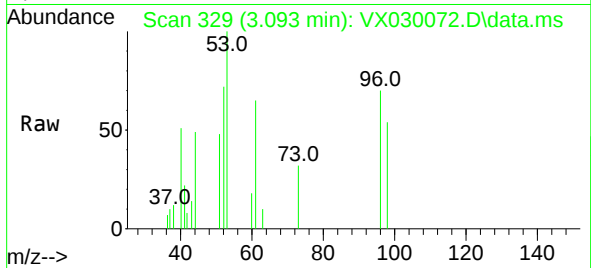
Tgt Ion: 84 Resp: 1477
Ion Ratio Lower Upper
84 100
49 100.9 93.8 140.6
51 35.3 29.4 44.0
86 72.2 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 0.517 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

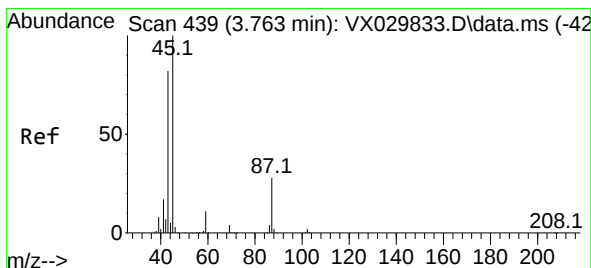
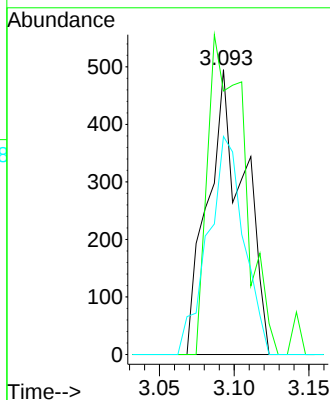
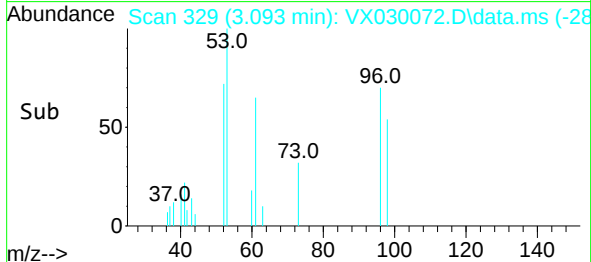
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022



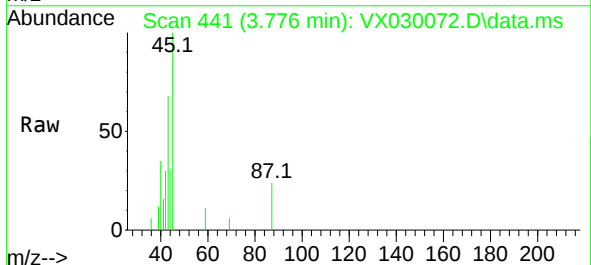
Tgt Ion: 96 Resp: 830
Ion Ratio Lower Upper
96 100
61 92.5 105.6 158.4
98 76.6 50.1 75.1

Manual Integrations
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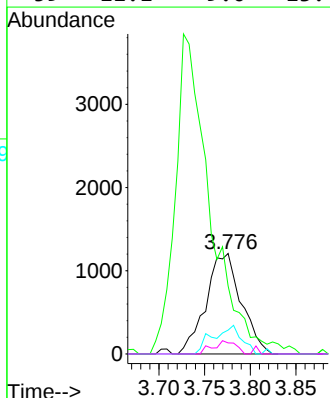
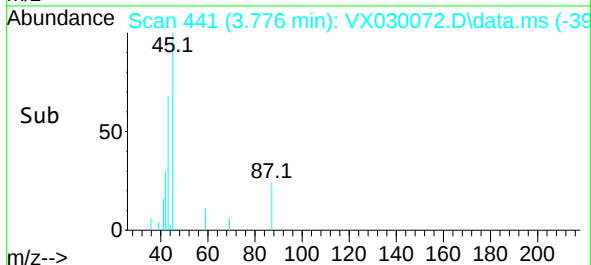
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#22
Diisopropyl ether
Concen: 0.610 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.013 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



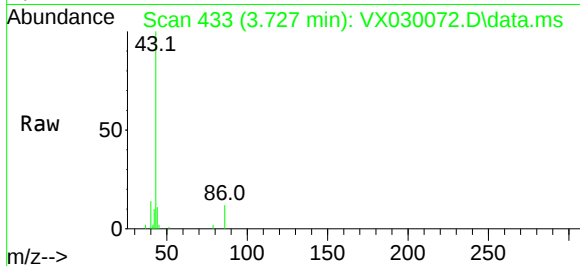
Tgt Ion: 45 Resp: 3235
Ion Ratio Lower Upper
45 100
43 57.6 65.4 98.0
87 23.8 22.3 33.5
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 2.287 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030072.D
 Acq: 14 Jul 2022 19:41

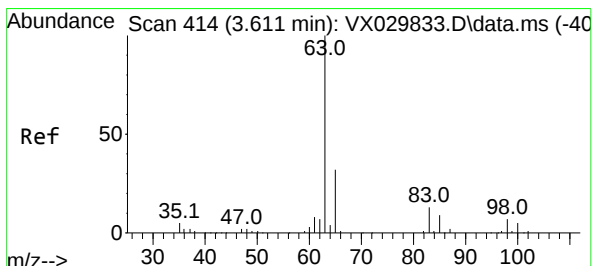
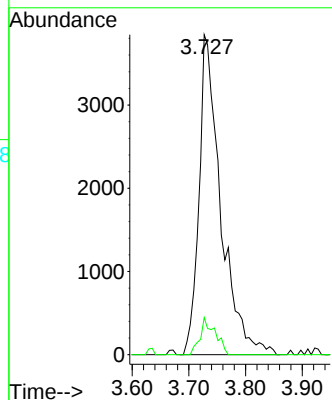
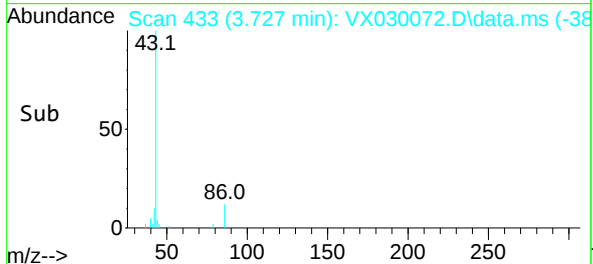
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022



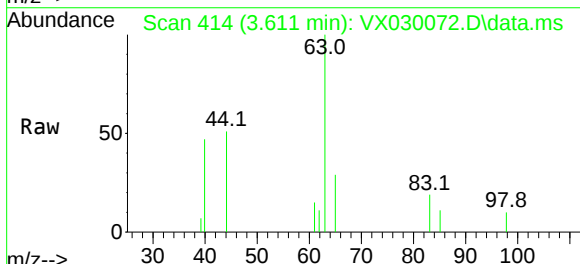
Tgt Ion: 43 Resp: 10270
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.5 12.7

Manual Integrations
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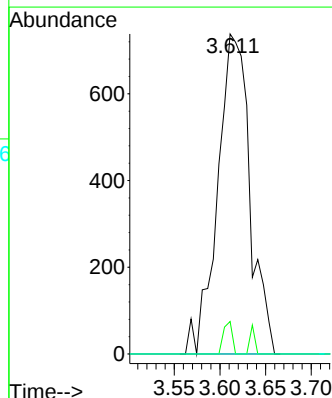
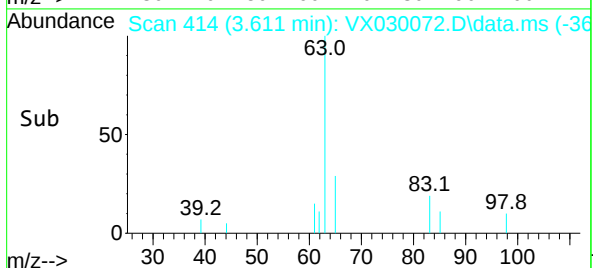
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

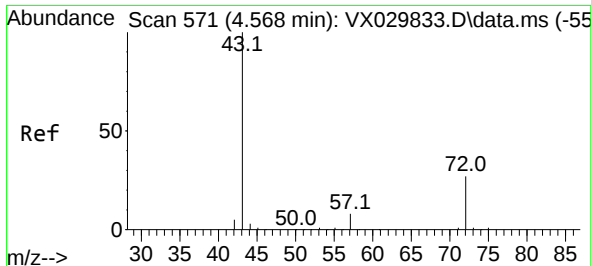


#24
 1,1-Dichloroethane
 Concen: 0.617 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030072.D
 Acq: 14 Jul 2022 19:41



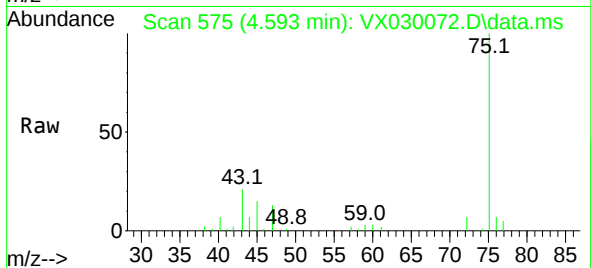
Tgt Ion: 63 Resp: 1813
 Ion Ratio Lower Upper
 63 100
 98 10.2 3.5 10.5
 100 0.0 2.3 6.9#





#25
2-Butanone
Concen: 3.113 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

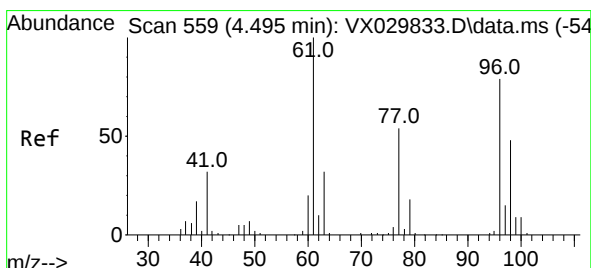
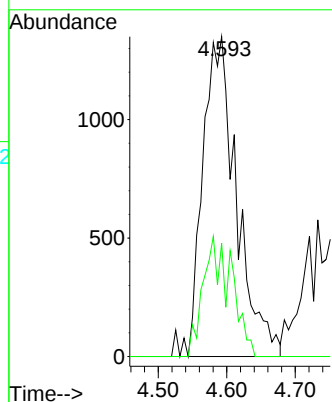
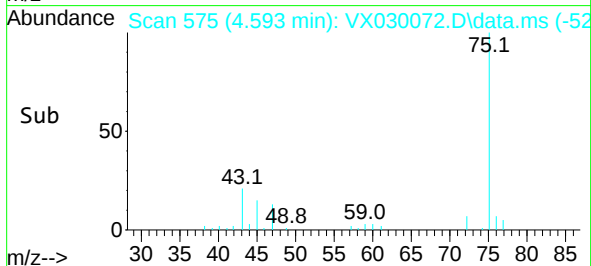
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 4628
Ion Ratio Lower Upper
43 100
72 35.5 21.7 32.5

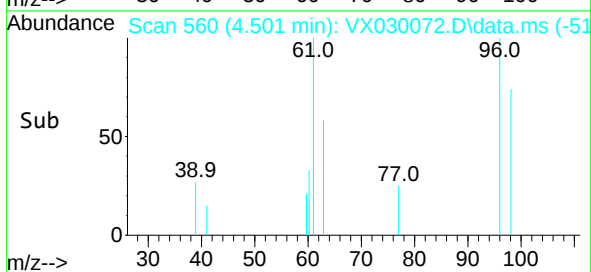
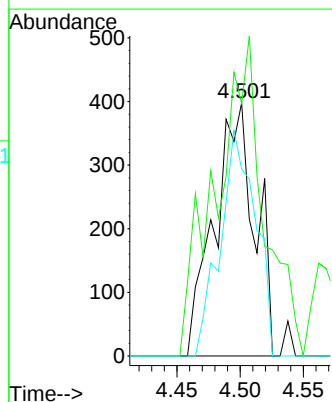
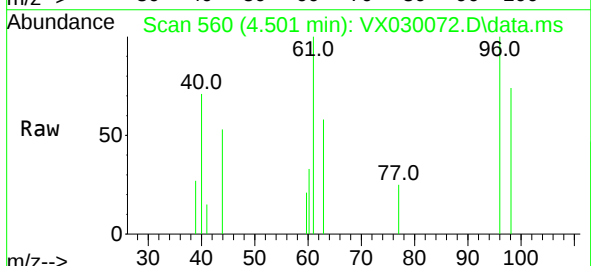
Manual Integrations
APPROVED

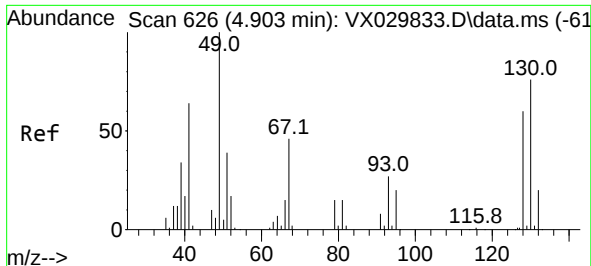
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#27
cis-1,2-Dichloroethene
Concen: 0.446 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

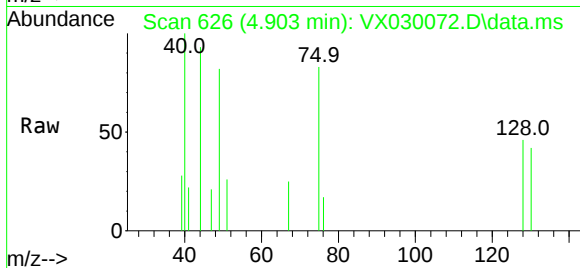
Tgt Ion: 96 Resp: 882
Ion Ratio Lower Upper
96 100
61 150.6 0.0 270.0
98 78.3 0.0 127.8





#28
Bromochloromethane
Concen: 0.538 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

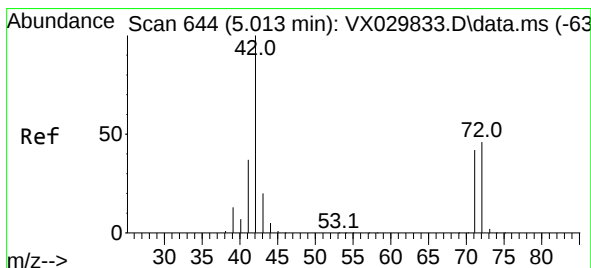
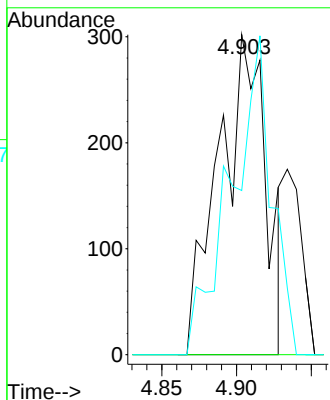
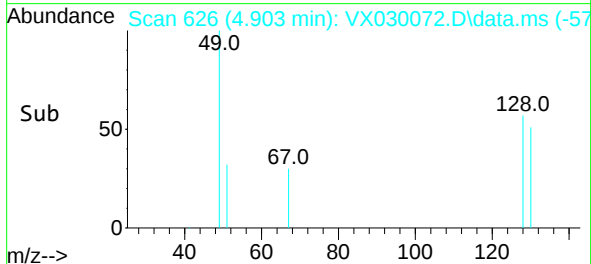
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



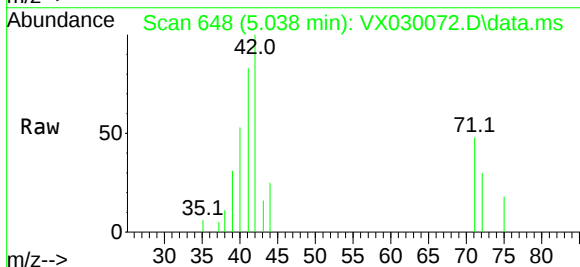
Tgt Ion: 49 Resp: 66
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 85.6 62.8 94.2

Manual Integrations
APPROVED

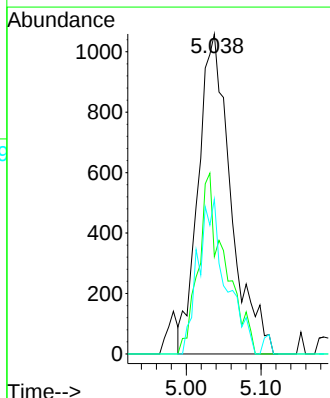
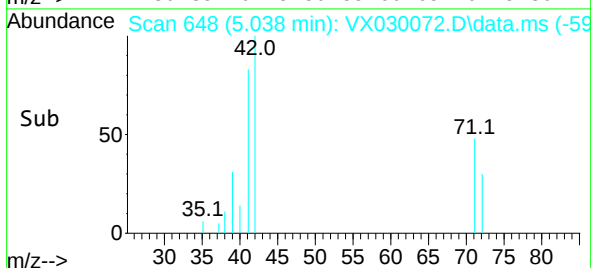
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

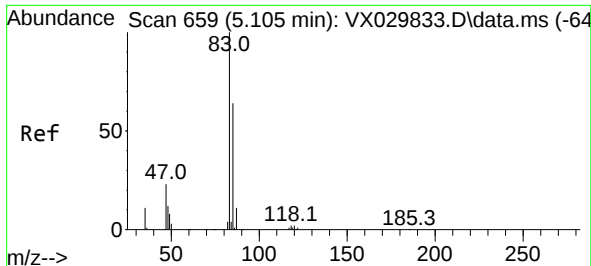


#29
Tetrahydrofuran
Concen: 3.181 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



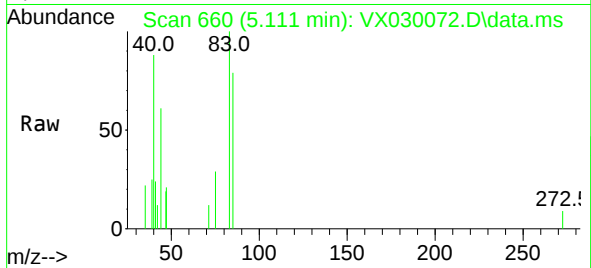
Tgt Ion: 42 Resp: 3210
Ion Ratio Lower Upper
42 100
72 46.1 36.5 54.7
71 41.4 33.9 50.9





#30
Chloroform
Concen: 0.591 ug/l m
RT: 5.111 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

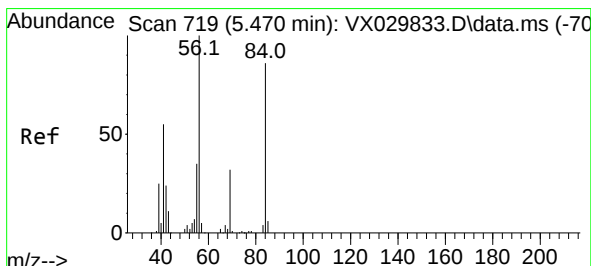
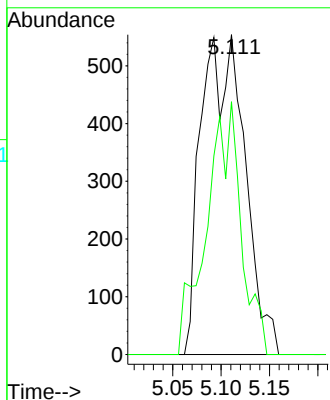
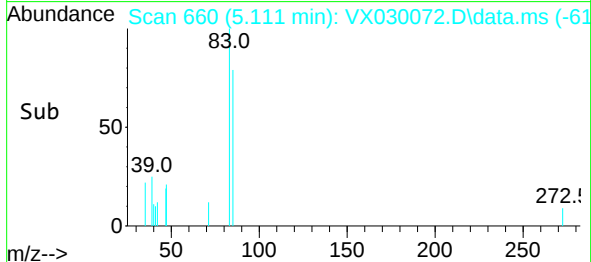
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 83 Resp: 173
Ion Ratio Lower Upper
83 100
85 79.1 51.5 77.3

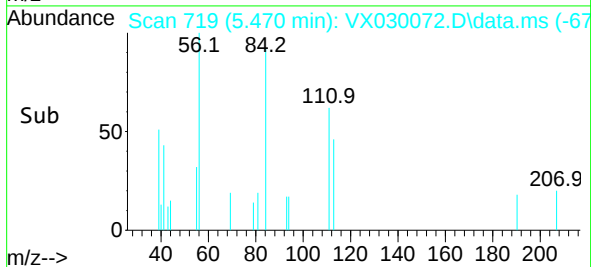
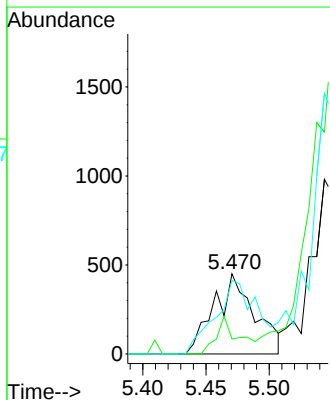
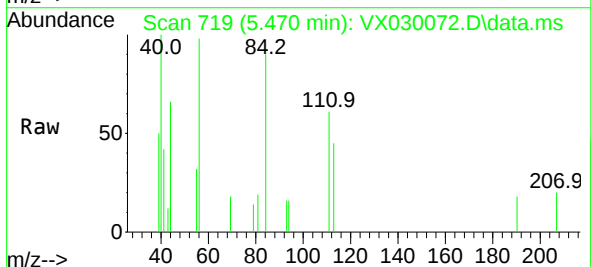
Manual Integrations
APPROVED

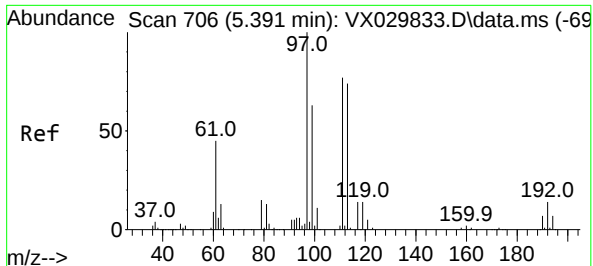
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#31
Cyclohexane
Concen: 0.376 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

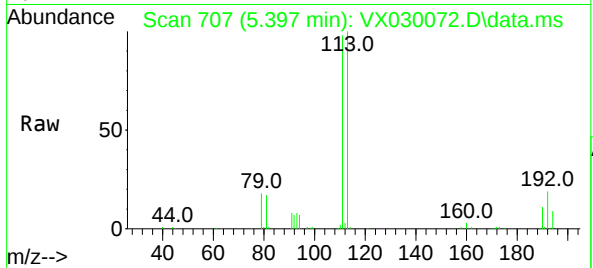
Tgt Ion: 56 Resp: 1009
Ion Ratio Lower Upper
56 100
69 18.7 25.4 38.0
84 91.8 68.9 103.3





#32
1,1,1-Trichloroethane
Concen: 0.495 ug/l m
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

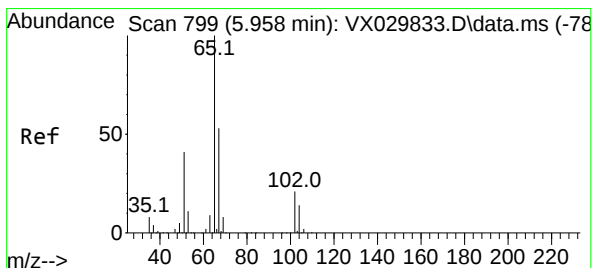
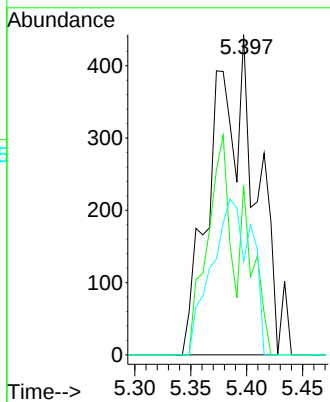
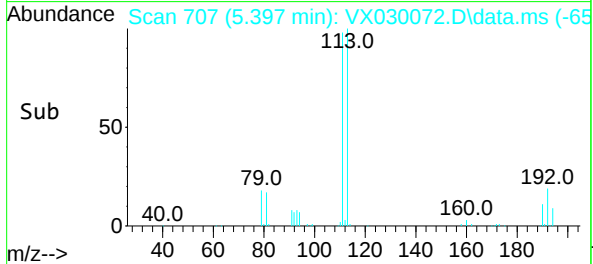
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 97 Resp: 1185
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0
61 45.0 35.8 53.8

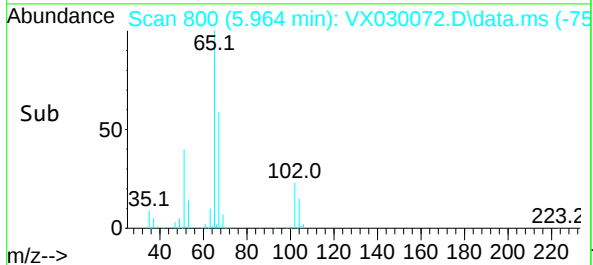
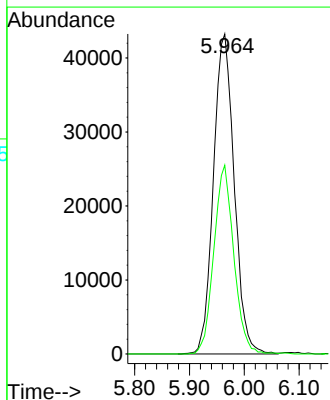
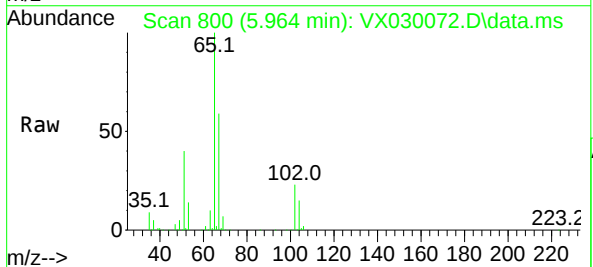
Manual Integrations
APPROVED

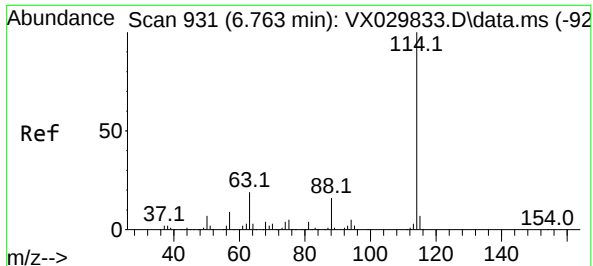
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#33
1,2-Dichloroethane-d4
Concen: 61.553 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

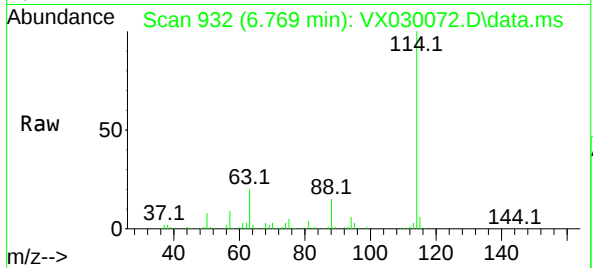
Tgt Ion: 65 Resp: 114018
Ion Ratio Lower Upper
65 100
67 56.7 0.0 109.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

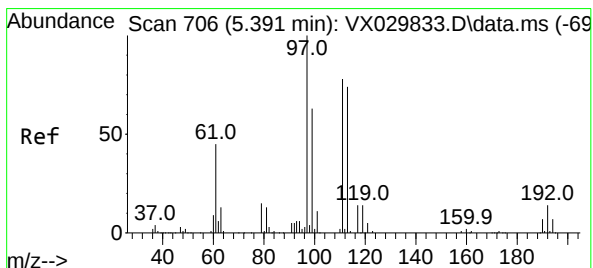
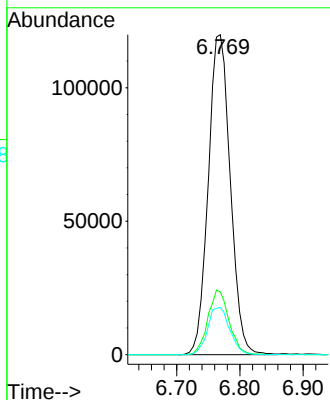
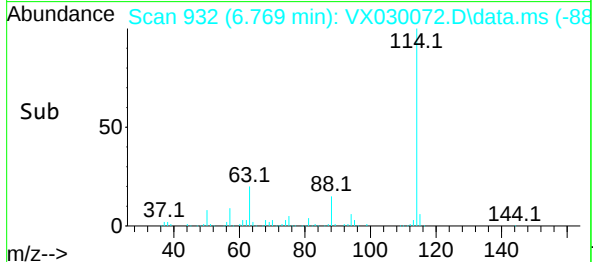
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



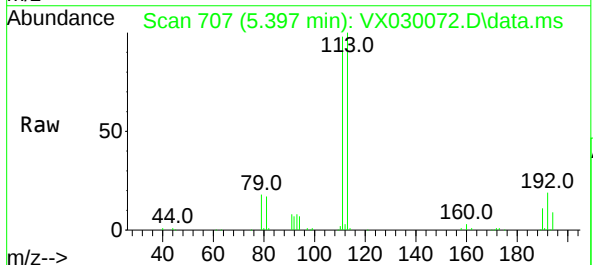
Tgt Ion:114 Resp: 28988
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.4
88 14.7 0.0 31.8

Manual Integrations
APPROVED

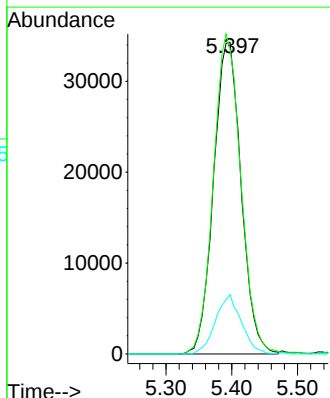
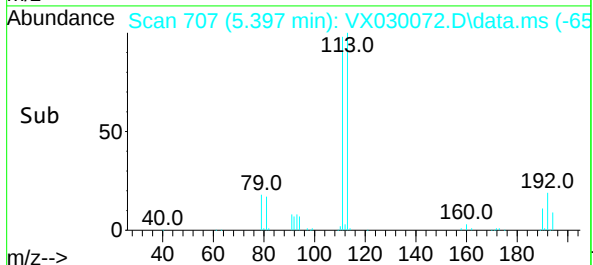
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

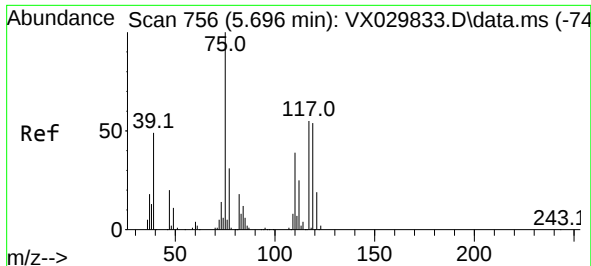


#35
Dibromofluoromethane
Concen: 53.925 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



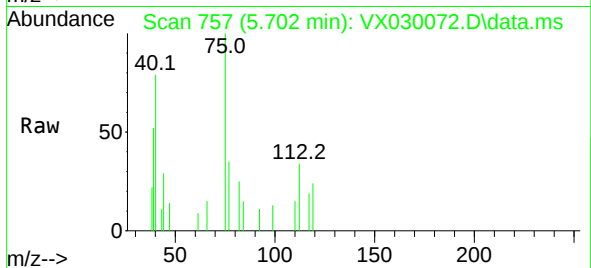
Tgt Ion:113 Resp: 99864
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 17.8 14.8 22.2





#36
1,1-Dichloropropene
Concen: 0.635 ug/l
RT: 5.702 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

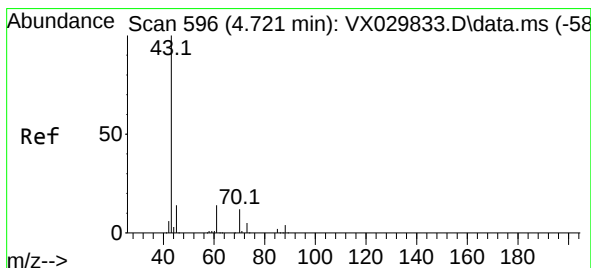
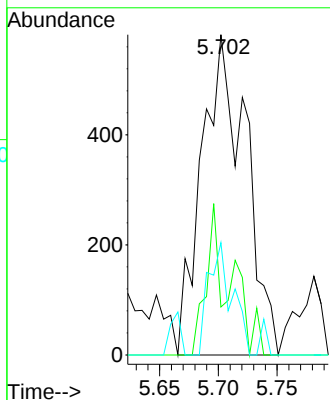
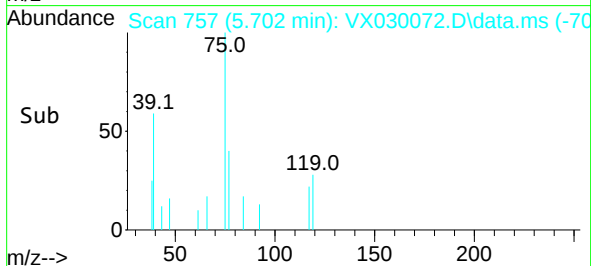
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 75 Resp: 1518
Ion Ratio Lower Upper
75 100
110 15.9 19.3 57.9#
77 18.8 24.4 36.6#

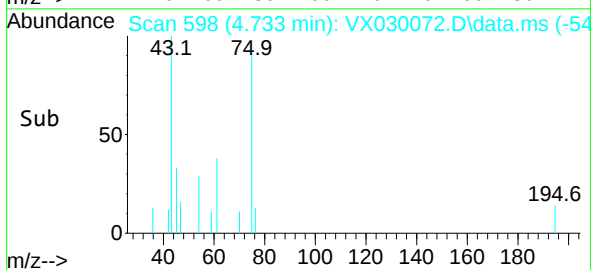
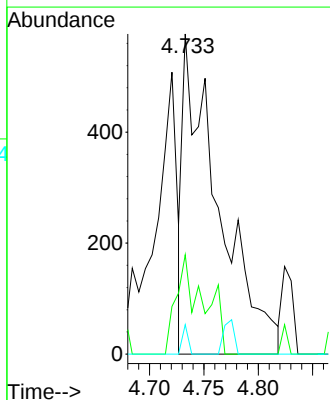
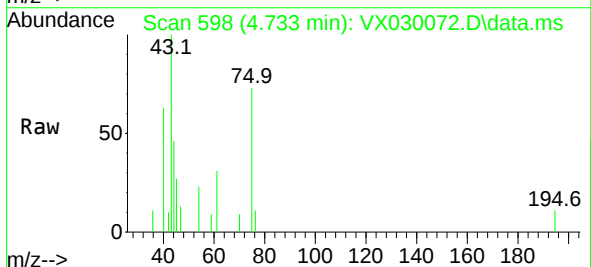
Manual Integrations
APPROVED

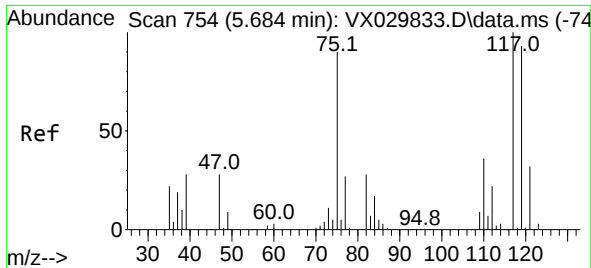
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#37
Ethyl Acetate
Concen: 0.422 ug/l m
RT: 4.733 min Scan# 598
Delta R.T. 0.012 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

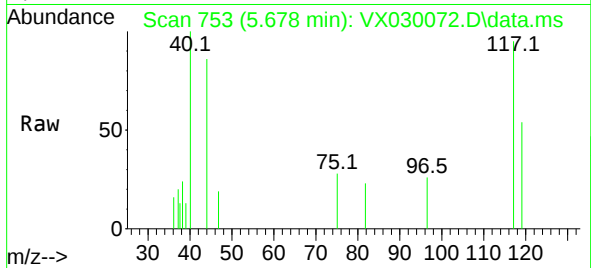
Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 9.3 13.9#





#38
Carbon Tetrachloride
Concen: 0.424 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

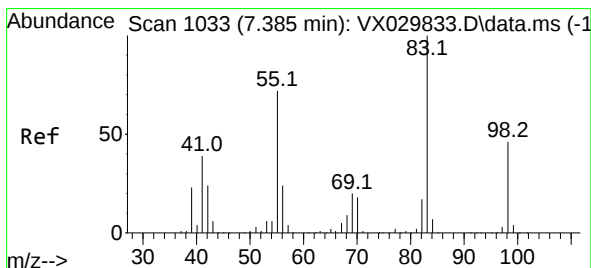
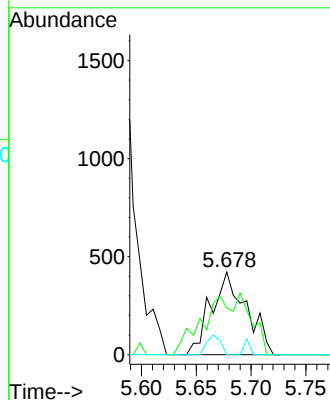
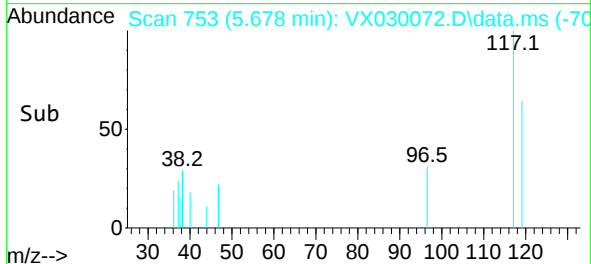
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 117 Resp: 949
Ion Ratio Lower Upper
117 100
119 56.4 74.1 111.1#
121 0.0 25.8 38.8#

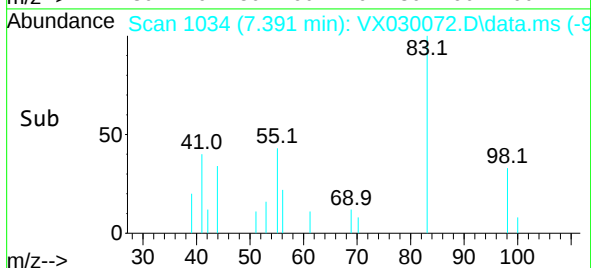
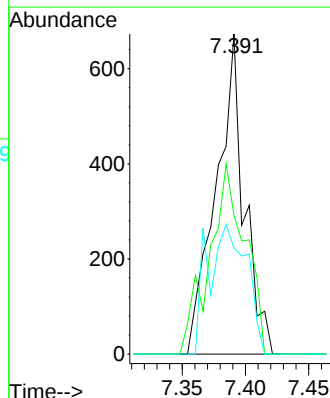
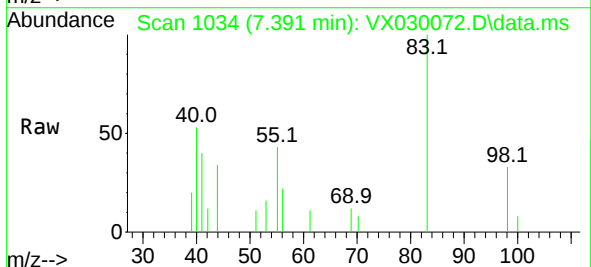
Manual Integrations
APPROVED

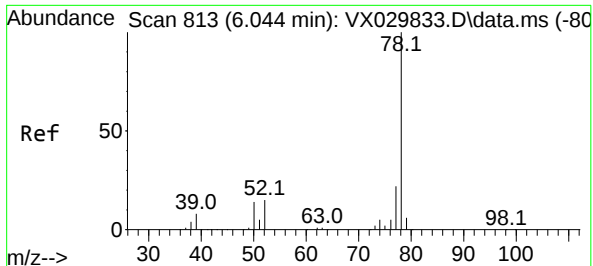
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#39
Methylcyclohexane
Concen: 0.343 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Tgt Ion: 83 Resp: 1041
Ion Ratio Lower Upper
83 100
55 43.4 57.7 86.5#
98 33.3 36.5 54.7#





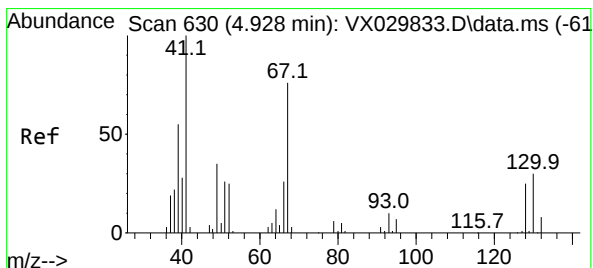
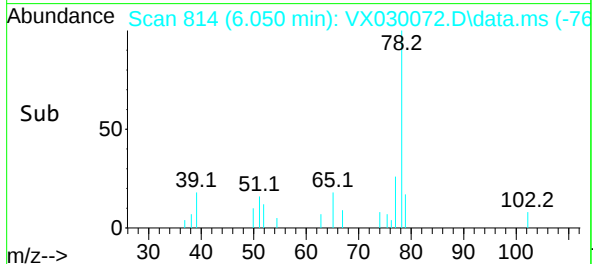
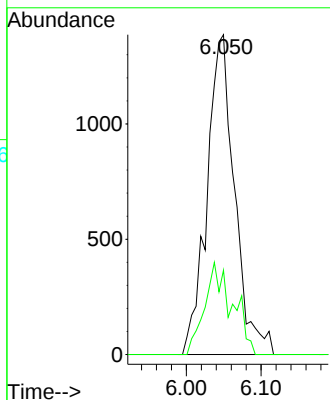
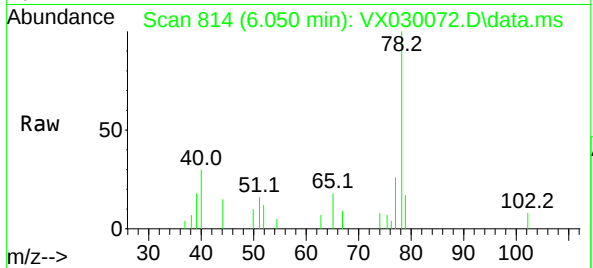
#40
Benzene
Concen: 0.474 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 78 Resp: 3560
Ion Ratio Lower Upper
78 100
77 26.4 18.0 27.0

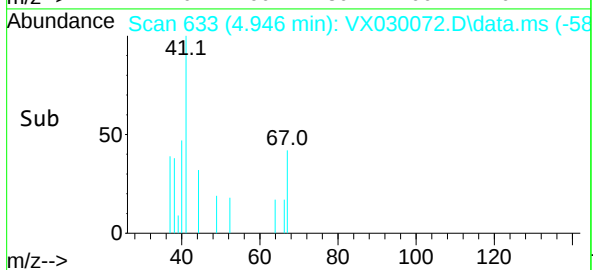
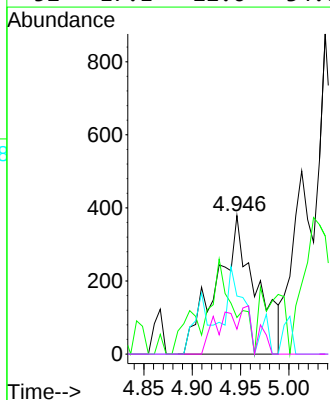
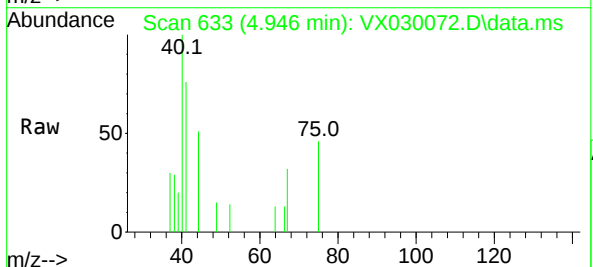
Manual Integrations
APPROVED

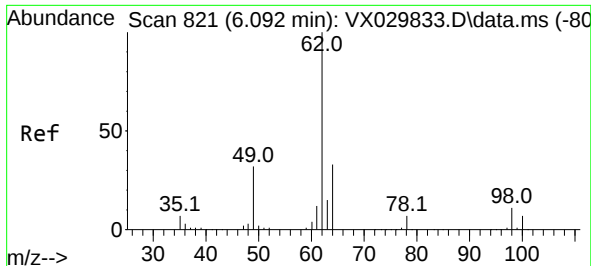
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#41
Methacrylonitrile
Concen: 0.650 ug/l
RT: 4.946 min Scan# 633
Delta R.T. 0.018 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Tgt Ion: 41 Resp: 1076
Ion Ratio Lower Upper
41 100
39 39.3 42.9 64.3#
67 28.8 60.1 90.1#
52 17.1 22.6 34.0#





#42

1,2-Dichloroethane

Concen: 0.691 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX030072.D

Acq: 14 Jul 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 62 Resp: 161

Ion Ratio Lower Upper

62 100

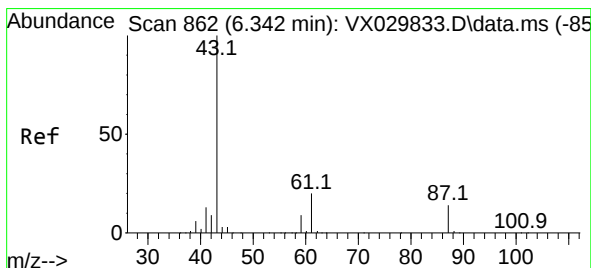
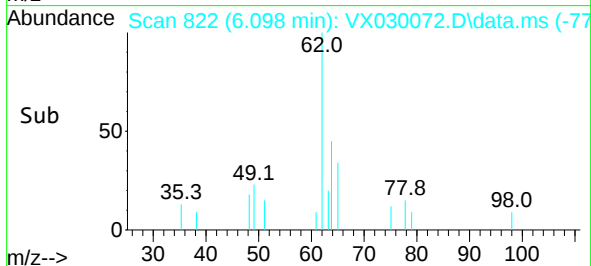
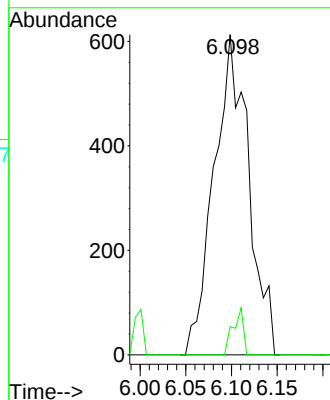
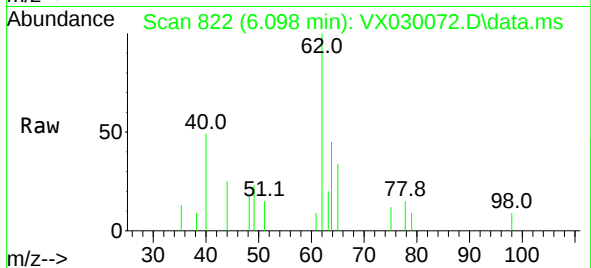
98 4.4 0.0 20.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#43

Isopropyl Acetate

Concen: 0.563 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.019 min

Lab File: VX030072.D

Acq: 14 Jul 2022 19:41

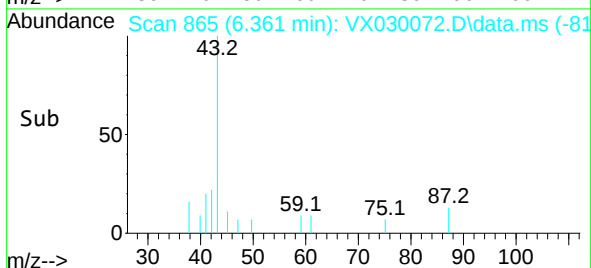
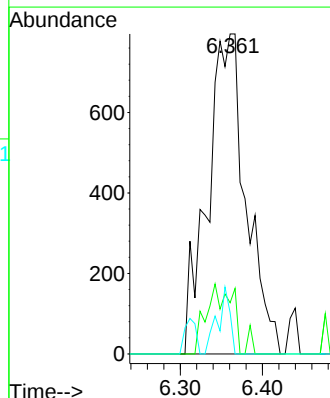
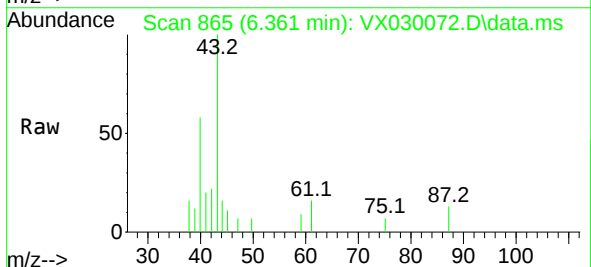
Tgt Ion: 43 Resp: 2600

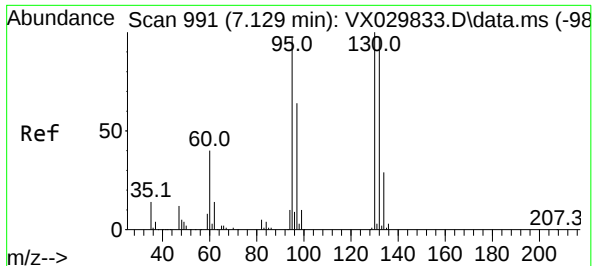
Ion Ratio Lower Upper

43 100

61 8.3 16.5 24.7#

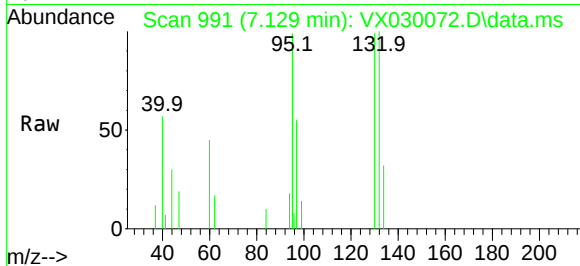
87 6.7 11.1 16.7#





#44
Trichloroethene
Concen: 0.675 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

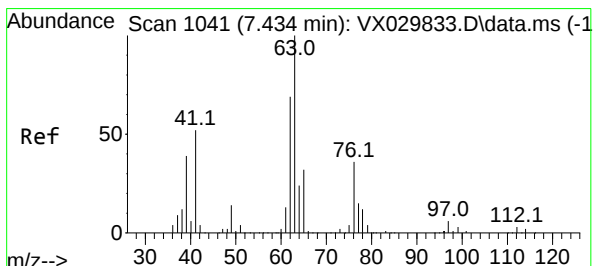
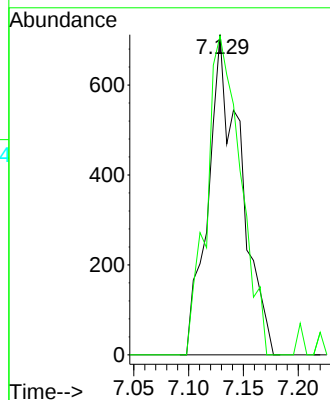
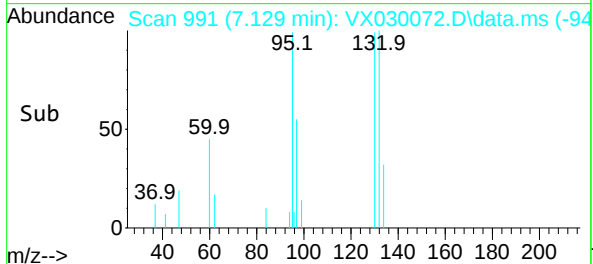
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



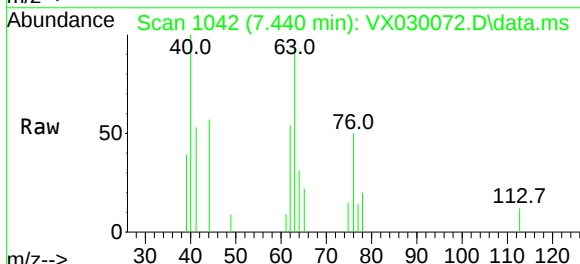
Tgt Ion: 130 Resp: 148
Ion Ratio Lower Upper
130 100
95 99.6 0.0 194.8

Manual Integrations
APPROVED

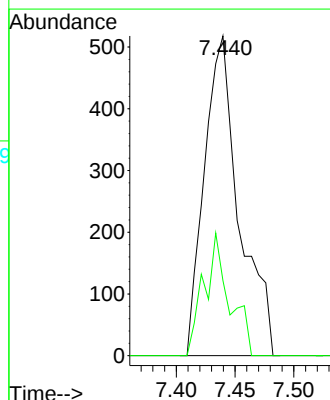
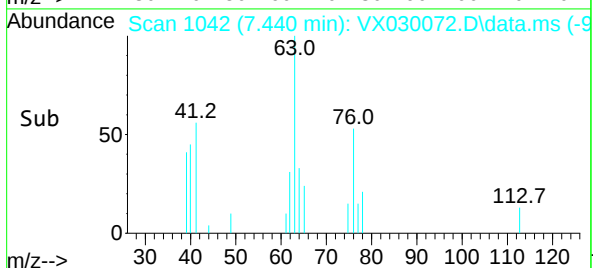
Reviewed By : John Carlone 07/15/2022
Supervised By : Mahesh Dadoda 07/15/2022

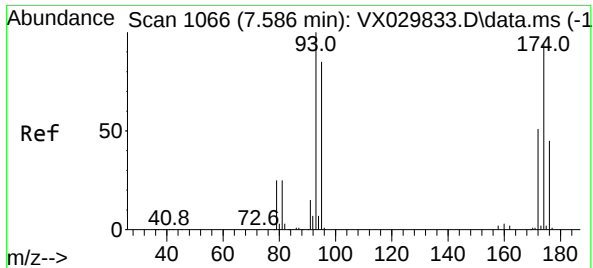


#45
1,2-Dichloropropane
Concen: 0.544 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



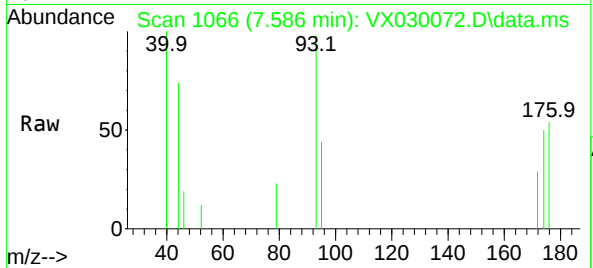
Tgt Ion: 63 Resp: 1065
Ion Ratio Lower Upper
63 100
65 23.6 25.2 37.8#





#46
Dibromomethane
Concen: 0.541 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

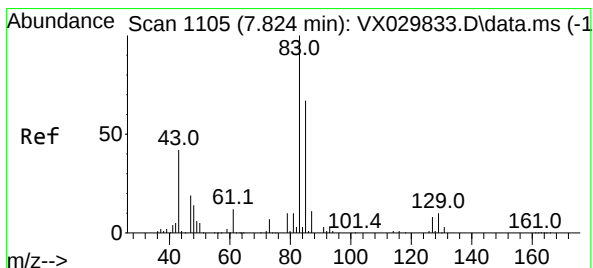
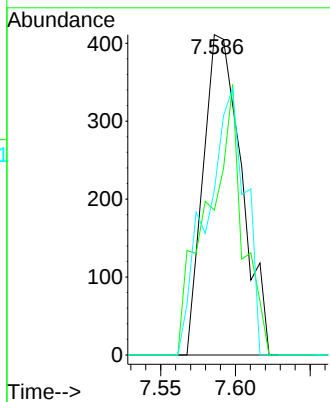
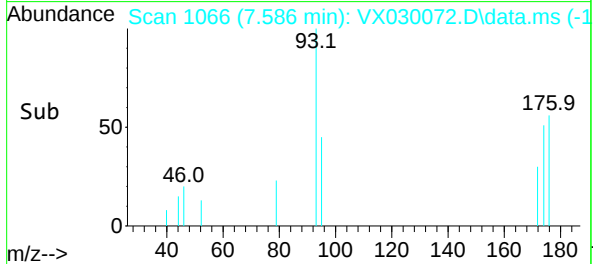
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022



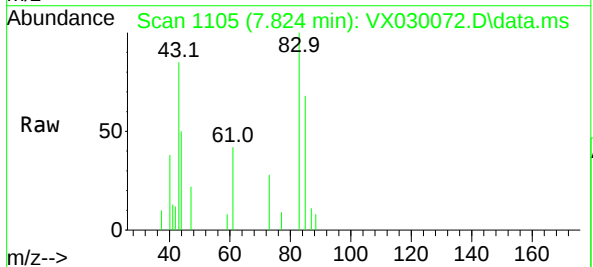
Tgt Ion: 93 Resp: 729
Ion Ratio Lower Upper
93 100
95 78.1 67.4 101.0
174 84.5 75.6 113.4

Manual Integrations
APPROVED

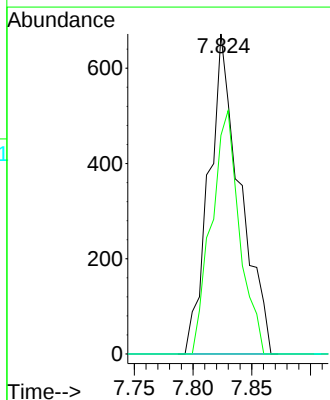
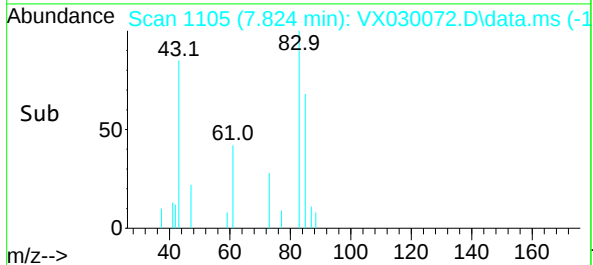
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

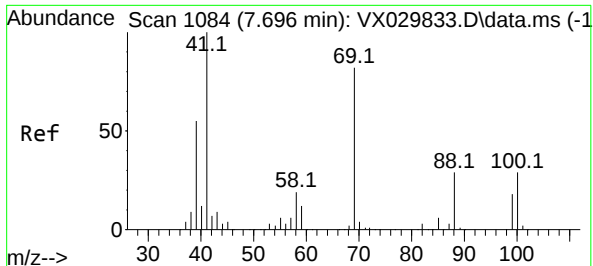


#47
Bromodichloromethane
Concen: 0.507 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



Tgt Ion: 83 Resp: 1238
Ion Ratio Lower Upper
83 100
85 68.3 53.5 80.3
127 0.0 6.6 10.0





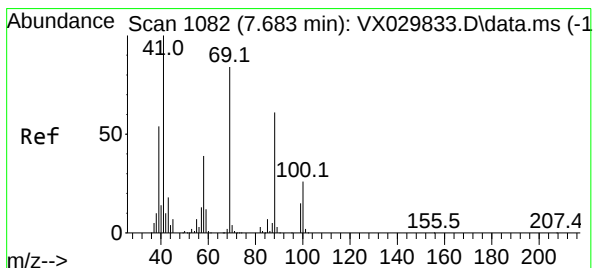
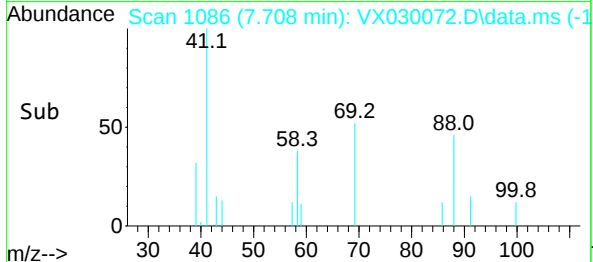
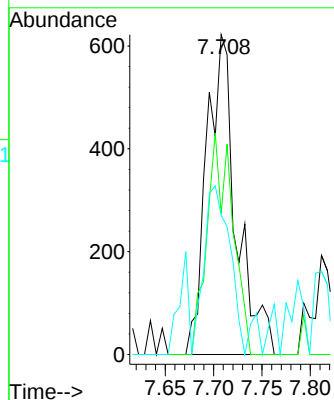
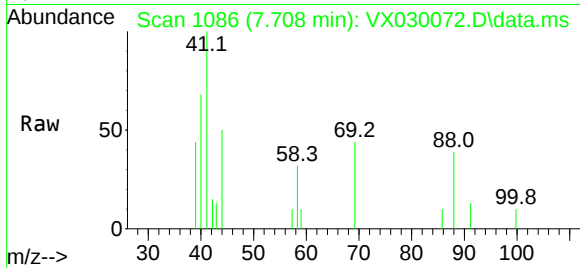
#48
Methyl methacrylate
Concen: 0.620 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 41 Resp: 132
Ion Ratio Lower Upper
41 100
69 60.2 68.8 103.2
39 45.9 44.6 66.8

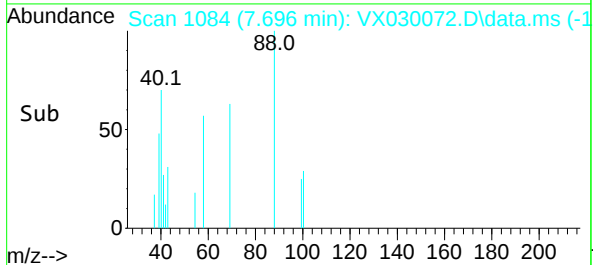
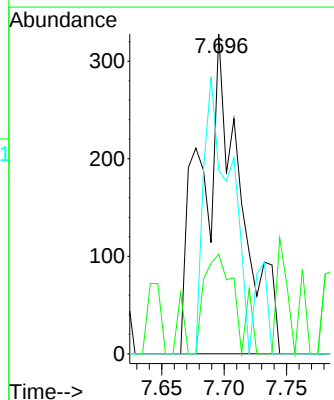
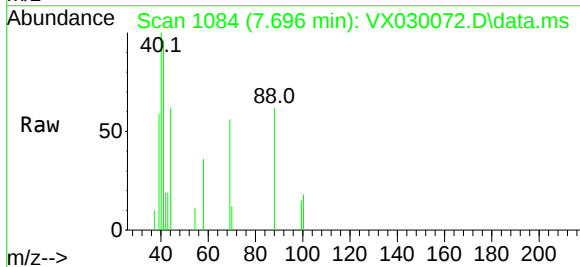
Manual Integrations
APPROVED

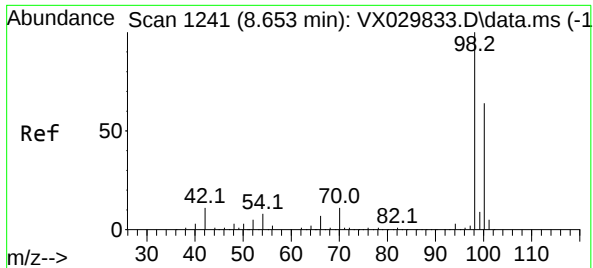
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#49
1,4-Dioxane
Concen: 12.940 ug/l m
RT: 7.696 min Scan# 1084
Delta R.T. 0.013 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

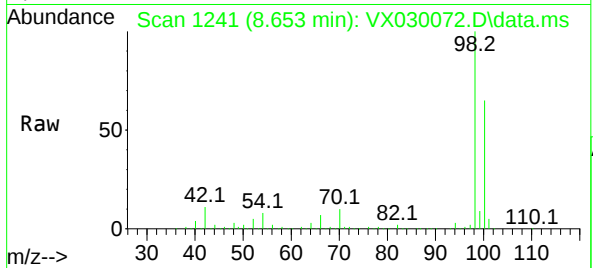
Tgt Ion: 88 Resp: 717
Ion Ratio Lower Upper
88 100
43 25.1 23.8 35.8
58 58.6 53.8 80.6





#50
Toluene-d8
Concen: 51.645 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

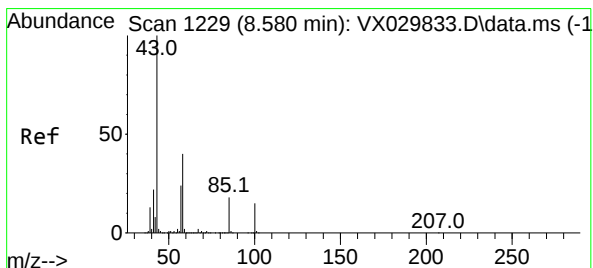
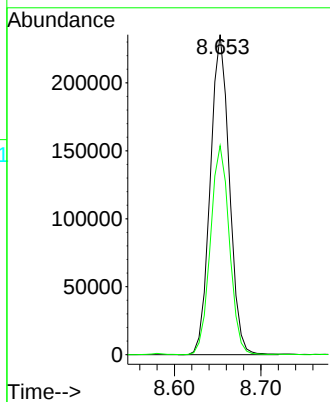
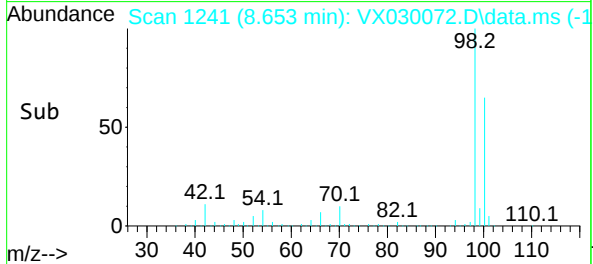
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 98 Resp: 35970
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

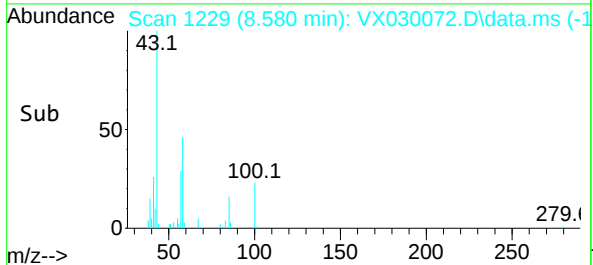
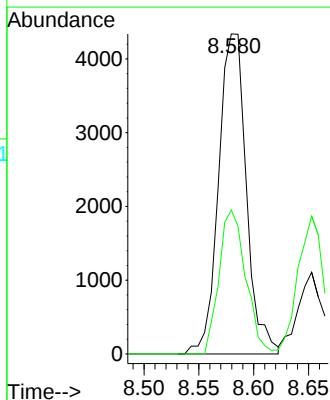
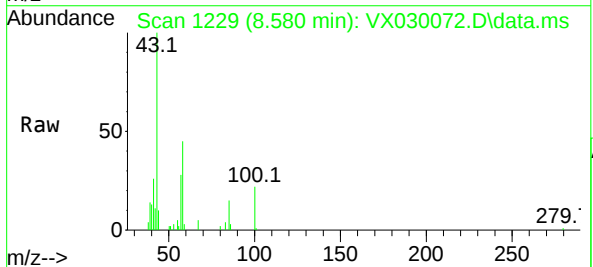
Manual Integrations
APPROVED

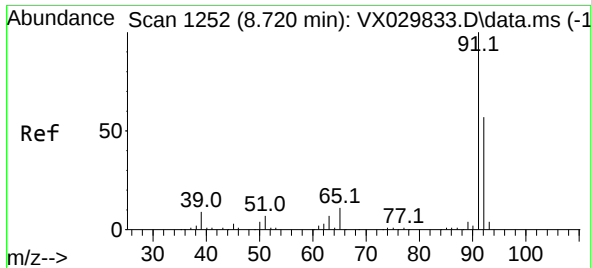
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#51
4-Methyl-2-Pentanone
Concen: 2.502 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

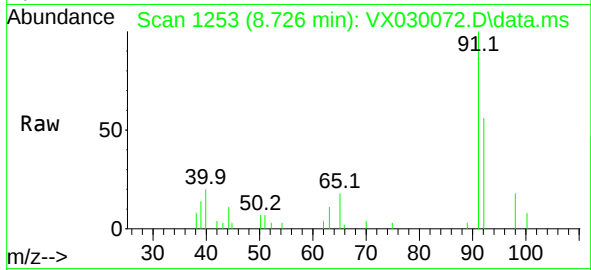
Tgt Ion: 43 Resp: 7653
Ion Ratio Lower Upper
43 100
58 43.2 31.4 47.2





#52
Toluene
Concen: 0.454 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

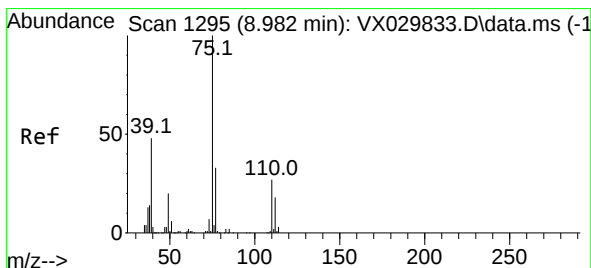
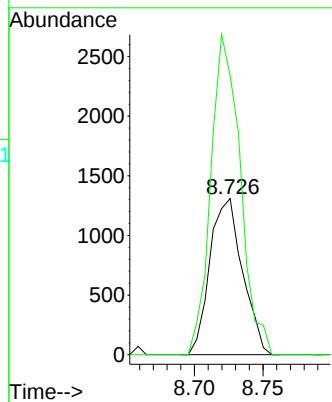
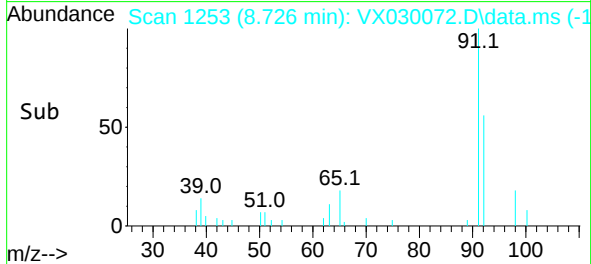
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 92 Resp: 217
Ion Ratio Lower Upper
92 100
91 184.8 139.2 208.8

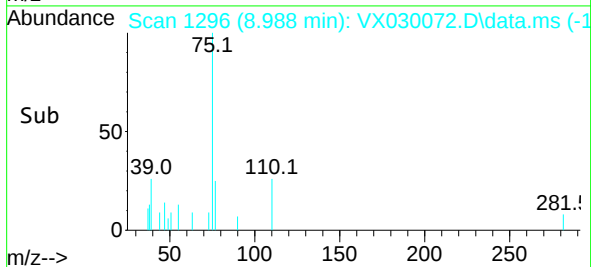
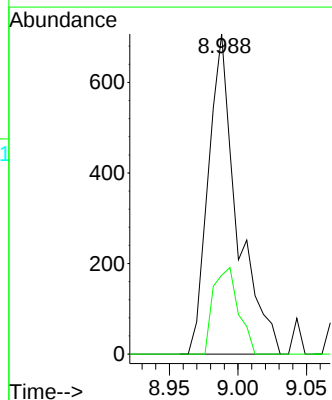
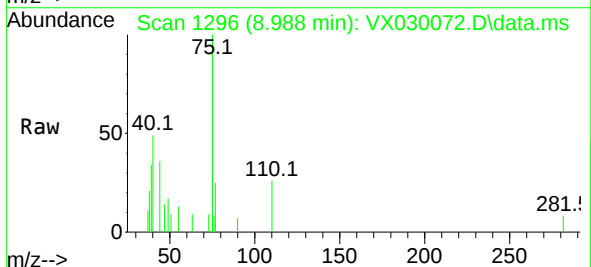
Manual Integrations
APPROVED

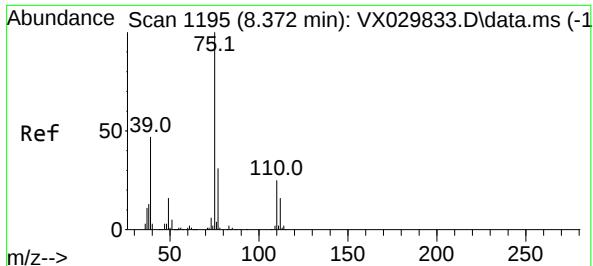
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#53
t-1,3-Dichloropropene
Concen: 0.406 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

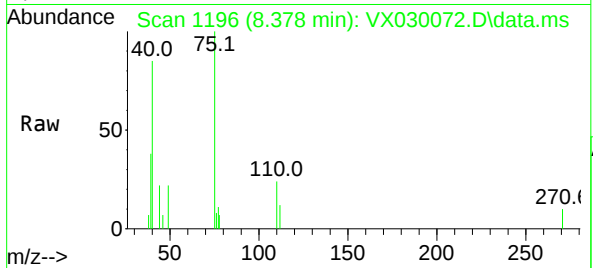
Tgt Ion: 75 Resp: 1031
Ion Ratio Lower Upper
75 100
77 24.6 26.3 39.5#





#54
cis-1,3-Dichloropropene
Concen: 0.455 ug/l
RT: 8.378 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

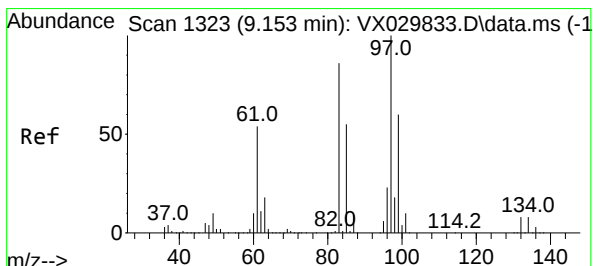
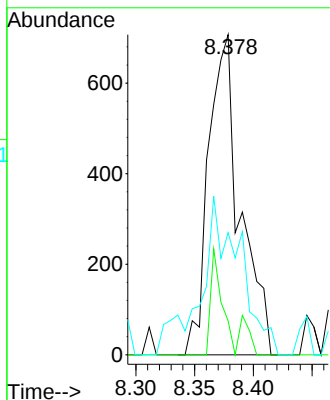
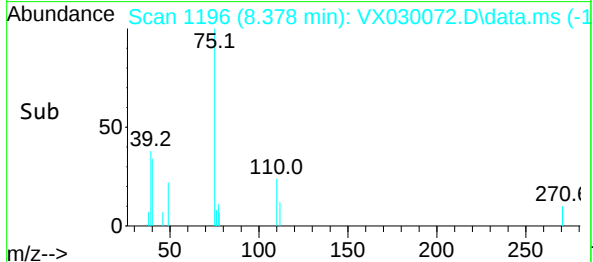
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 75 Resp: 132
Ion Ratio Lower Upper
75 100
77 10.6 25.0 37.4
39 38.2 37.5 56.3

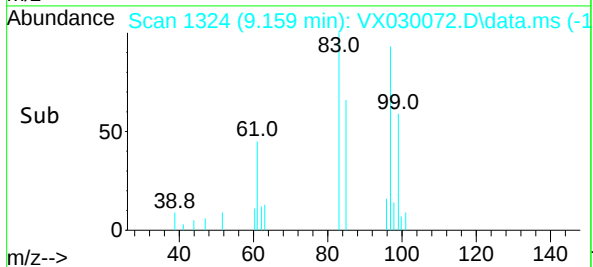
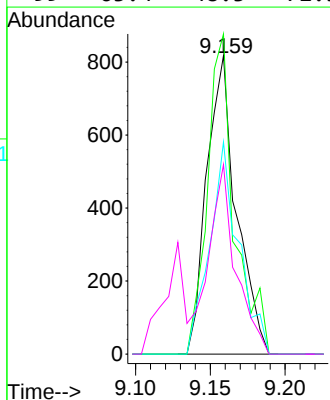
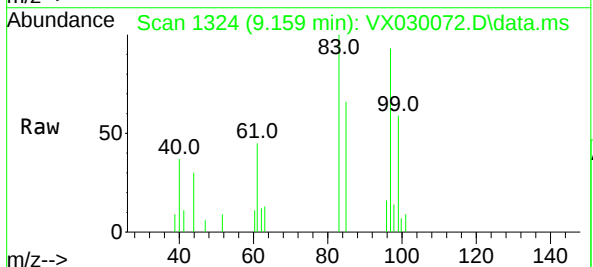
Manual Integrations
APPROVED

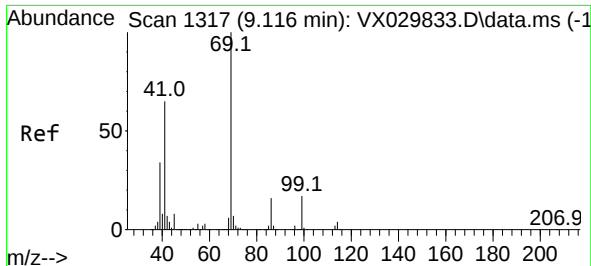
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#55
1,1,2-Trichloroethane
Concen: 0.571 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

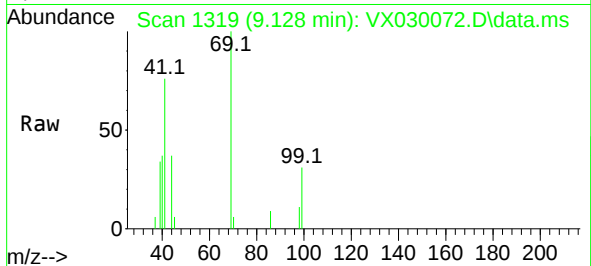
Tgt Ion: 97 Resp: 1126
Ion Ratio Lower Upper
97 100
83 107.2 68.9 103.3#
85 71.0 44.0 66.0#
99 63.4 48.3 72.5





#56
Ethyl methacrylate
Concen: 0.497 ug/l
RT: 9.128 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

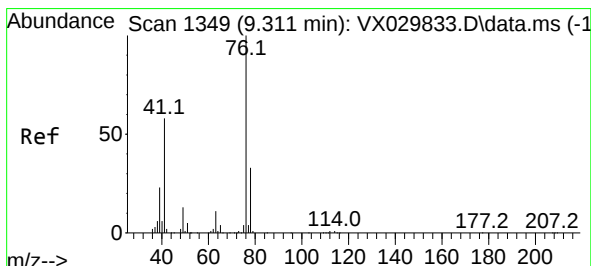
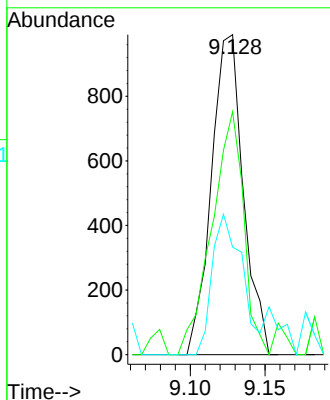
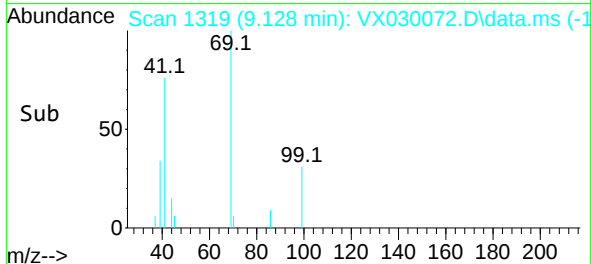
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



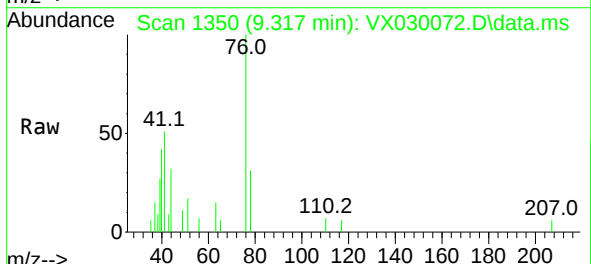
Tgt Ion: 69 Resp: 1472
Ion Ratio Lower Upper
69 100
41 75.4 52.3 78.5
39 41.2 28.2 42.4

Manual Integrations
APPROVED

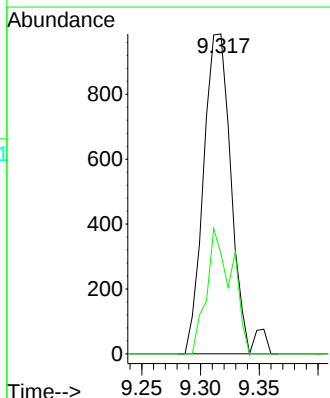
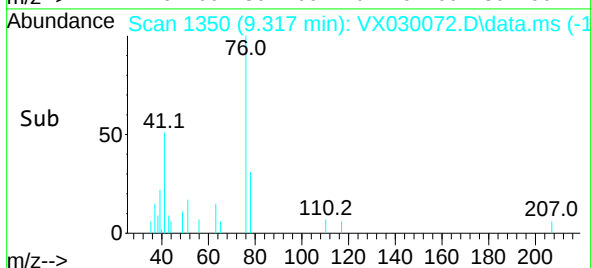
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

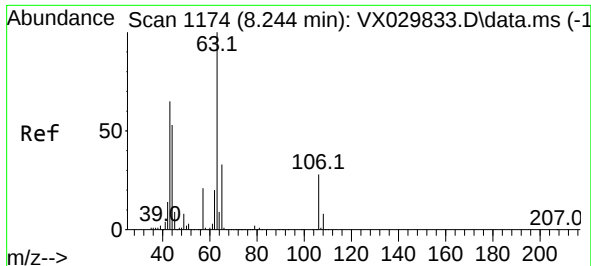


#57
1,3-Dichloropropane
Concen: 0.522 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



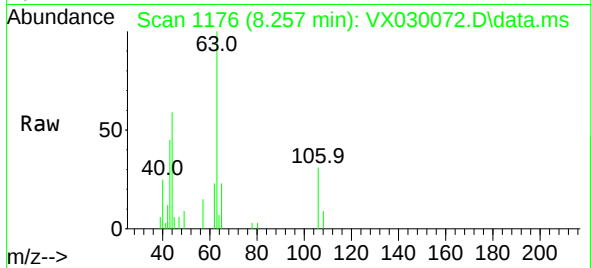
Tgt Ion: 76 Resp: 1634
Ion Ratio Lower Upper
76 100
78 35.6 25.9 38.9





#58
2-Chloroethyl Vinyl ether
Concen: 2.038 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

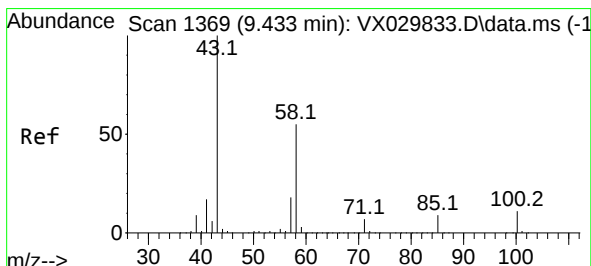
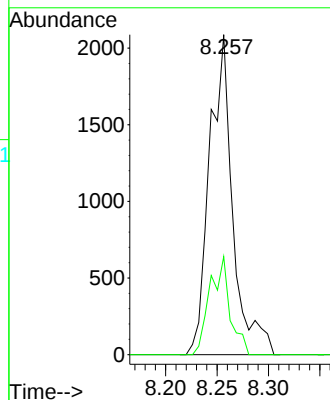
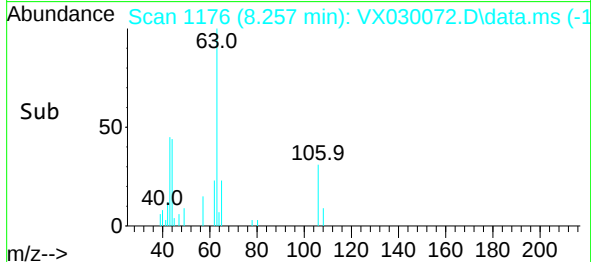
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



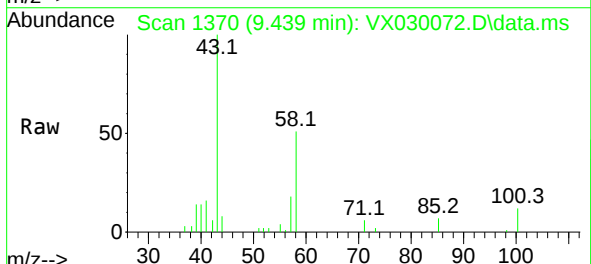
Tgt Ion: 63 Resp: 3280
Ion Ratio Lower Upper
63 100
106 26.6 22.2 33.2

Manual Integrations
APPROVED

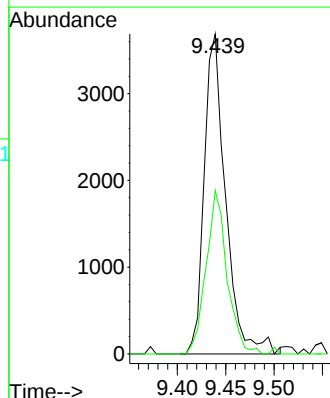
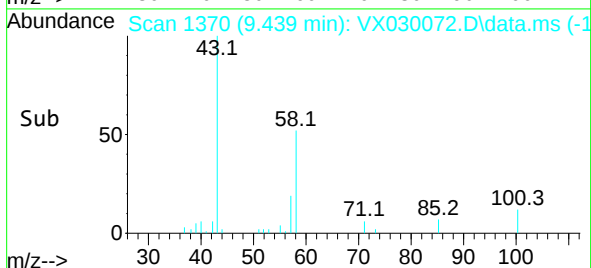
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

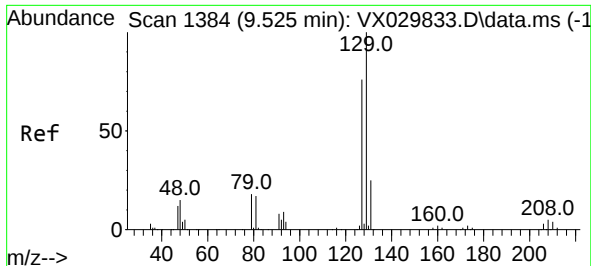


#59
2-Hexanone
Concen: 2.424 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



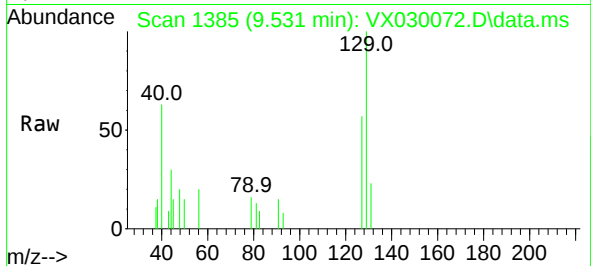
Tgt Ion: 43 Resp: 5686
Ion Ratio Lower Upper
43 100
58 50.0 27.6 82.8





#60
Dibromochloromethane
Concen: 0.484 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

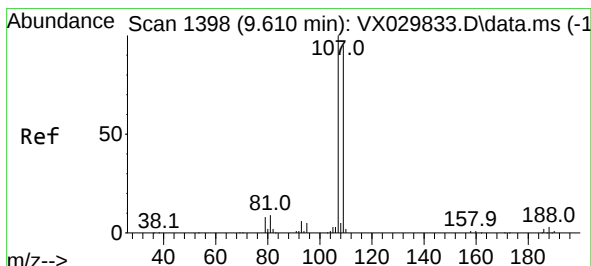
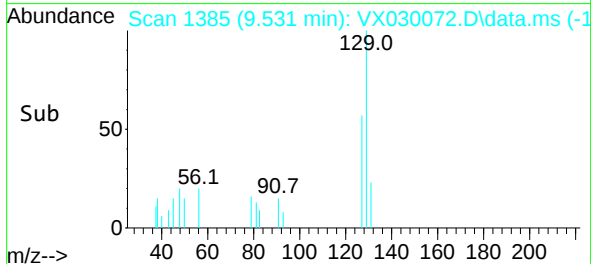
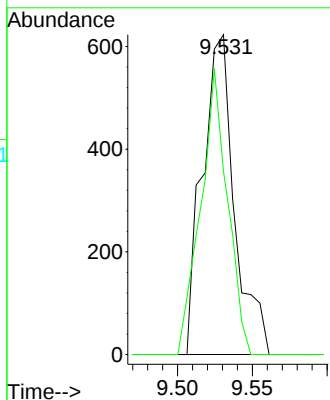
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:129 Resp: 930
Ion Ratio Lower Upper
129 100
127 74.6 38.5 115.5

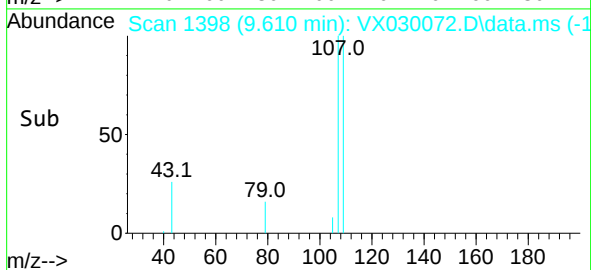
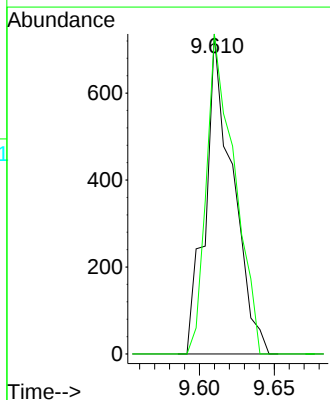
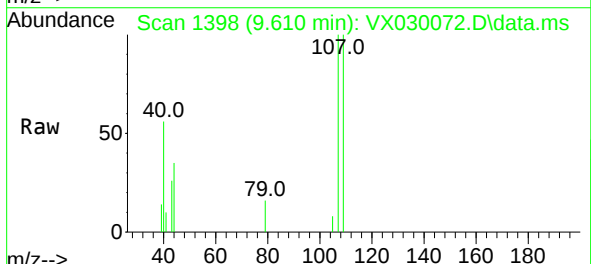
Manual Integrations
APPROVED

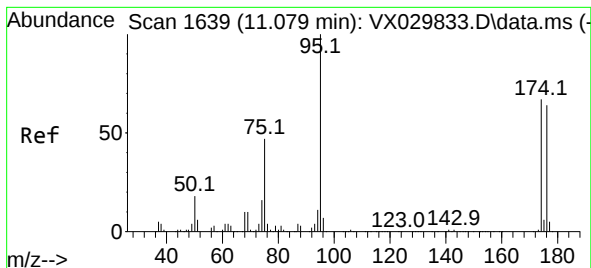
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#61
1,2-Dibromoethane
Concen: 0.454 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

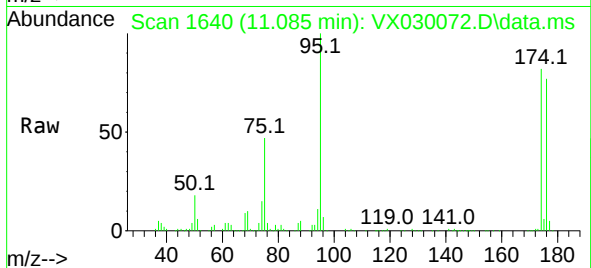
Tgt Ion:107 Resp: 931
Ion Ratio Lower Upper
107 100
109 103.1 76.6 114.8





#62
4-Bromofluorobenzene
Concen: 49.223 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

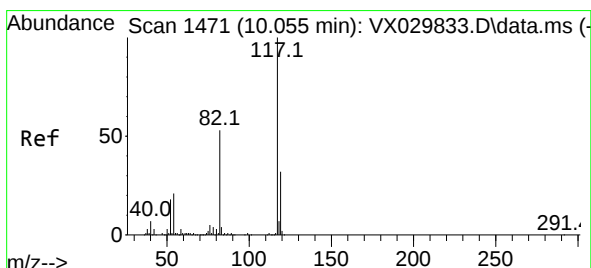
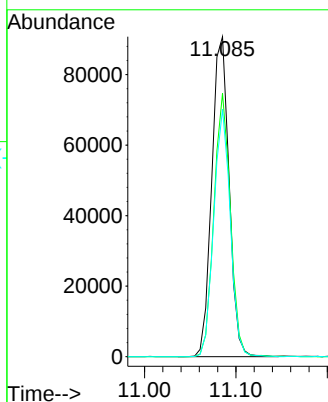
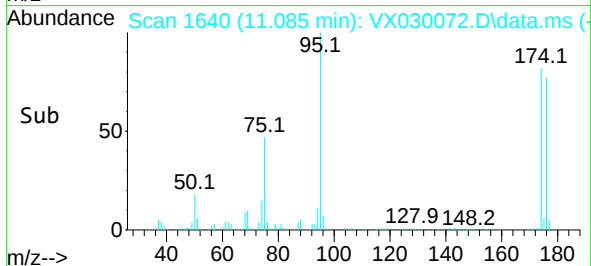
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



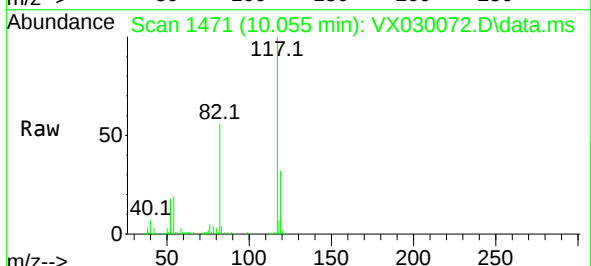
Tgt Ion: 95 Resp: 11897
Ion Ratio Lower Upper
95 100
174 78.5 0.0 149.0
176 73.9 0.0 146.0

Manual Integrations
APPROVED

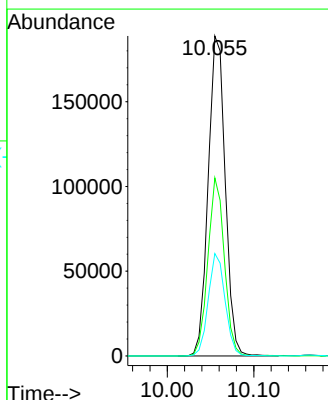
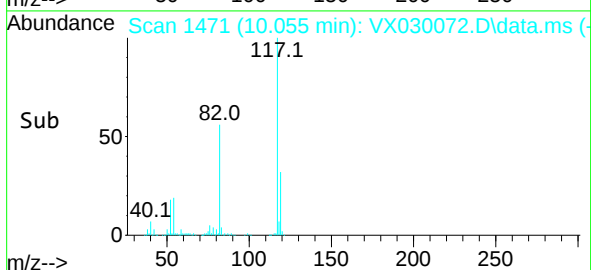
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

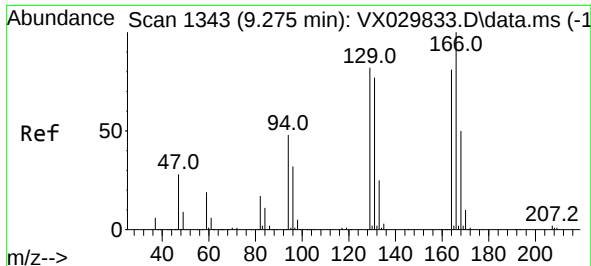


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



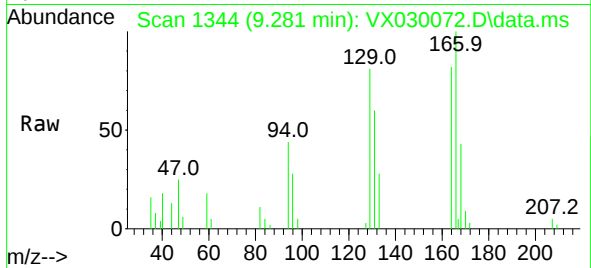
Tgt Ion:117 Resp: 258524
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 32.0 25.4 38.2





#64
Tetrachloroethene
Concen: 1.452 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

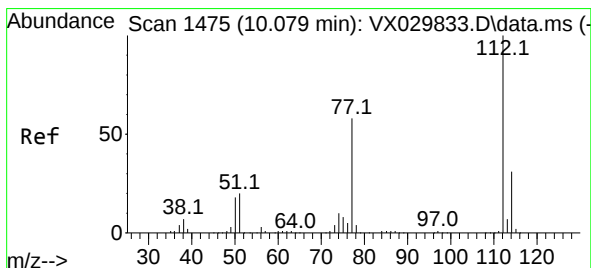
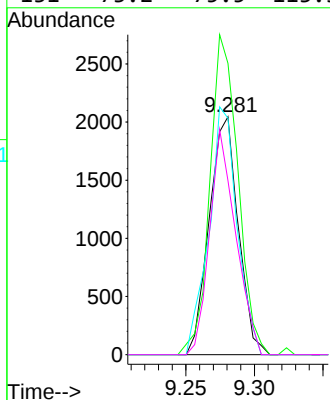
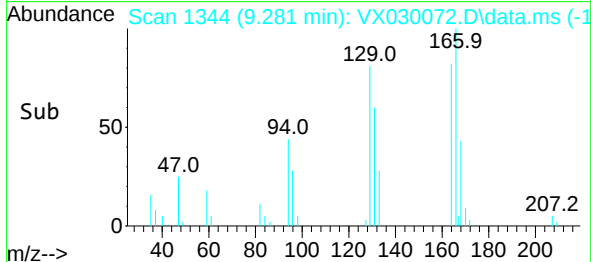
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:164 Resp: 301
Ion Ratio Lower Upper
164 100
166 122.5 98.2 147.4
129 99.4 80.8 121.2
131 73.2 75.5 113.3#

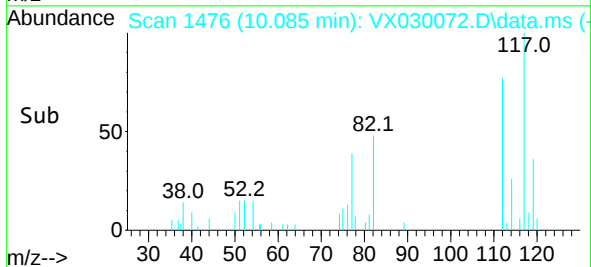
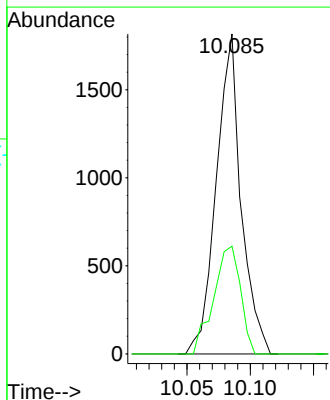
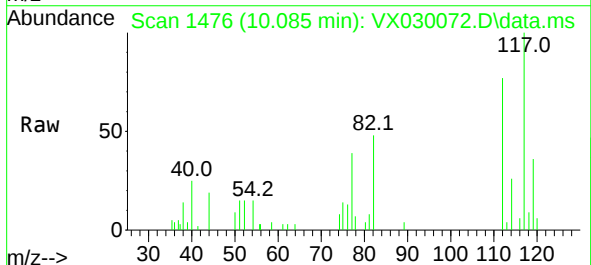
Manual Integrations
APPROVED

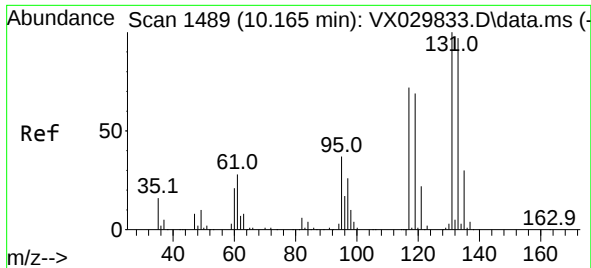
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#65
Chlorobenzene
Concen: 0.481 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Tgt Ion:112 Resp: 2474
Ion Ratio Lower Upper
112 100
114 33.7 24.6 36.8





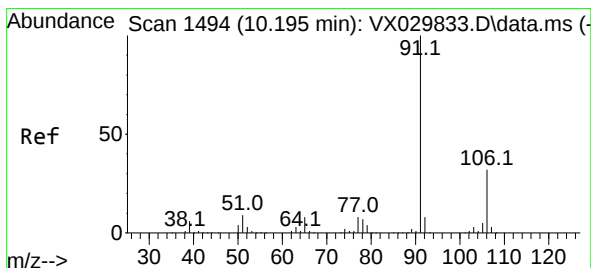
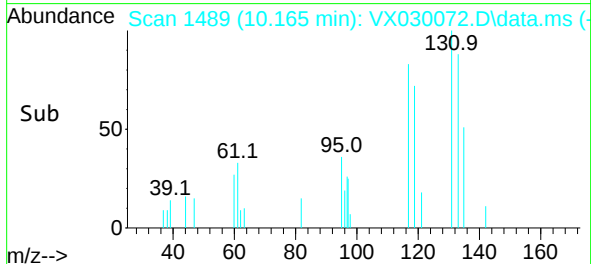
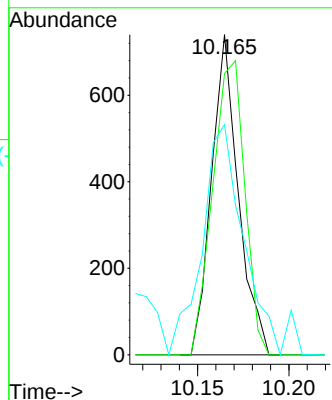
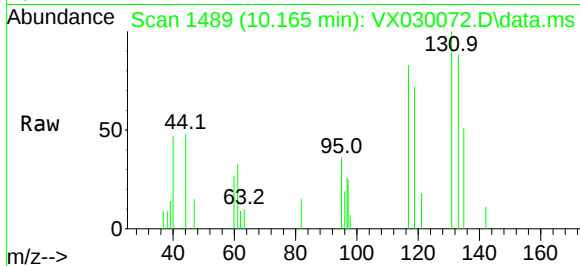
#66
1,1,1,2-Tetrachloroethane
Concen: 0.431 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion:131 Resp: 750
Ion Ratio Lower Upper
131 100
133 110.1 46.9 140.8
119 0.0 34.4 103.1

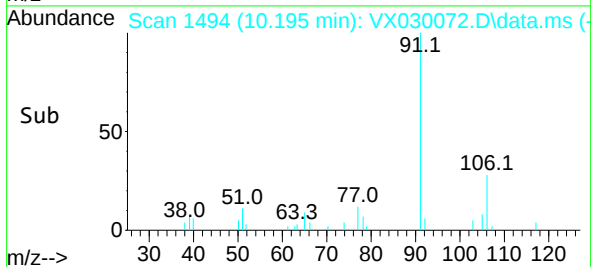
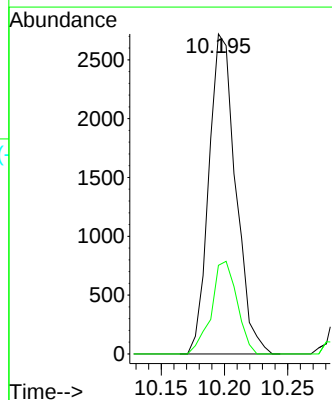
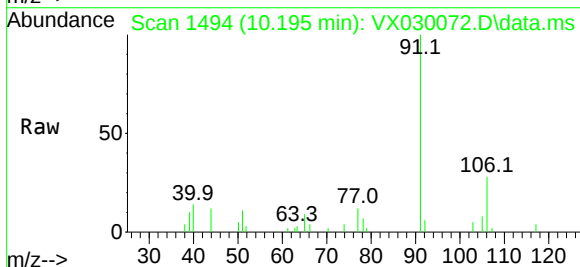
Manual Integrations
APPROVED

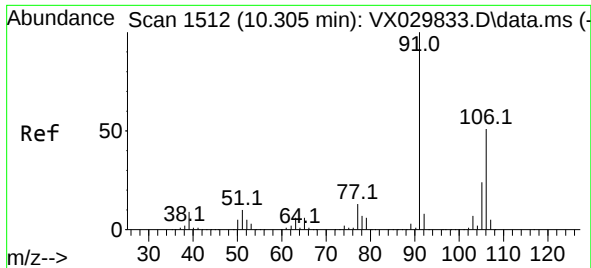
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#67
Ethyl Benzene
Concen: 0.460 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Tgt Ion: 91 Resp: 4017
Ion Ratio Lower Upper
91 100
106 27.7 25.5 38.3





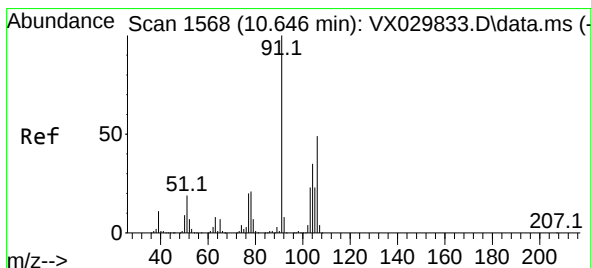
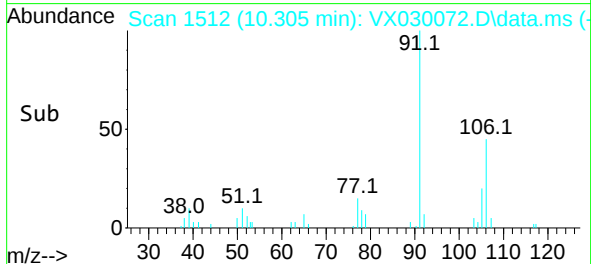
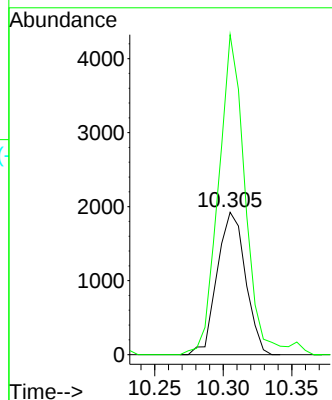
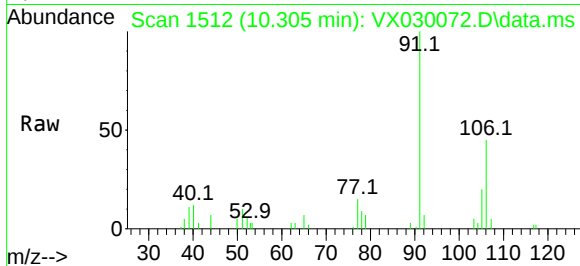
#68
m/p-Xylenes
Concen: 0.808 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:106 Resp: 2760
Ion Ratio Lower Upper
106 100
91 213.1 158.2 237.4

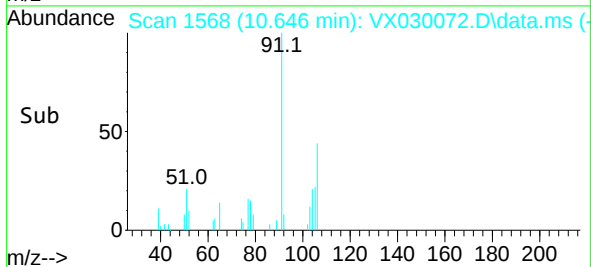
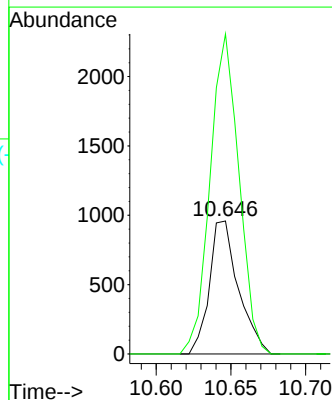
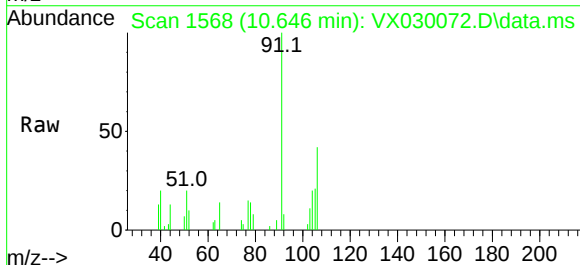
Manual Integrations
APPROVED

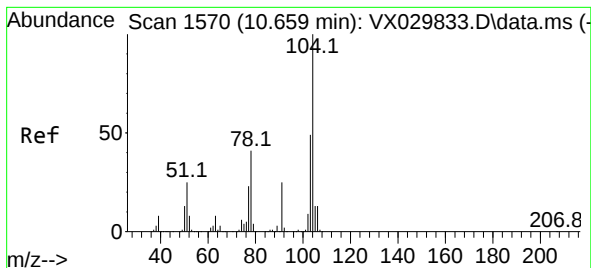
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#69
o-Xylene
Concen: 0.379 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Tgt Ion:106 Resp: 1299
Ion Ratio Lower Upper
106 100
91 238.5 103.8 311.6





#70

Styrene

Concen: 0.372 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030072.D

Acq: 14 Jul 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

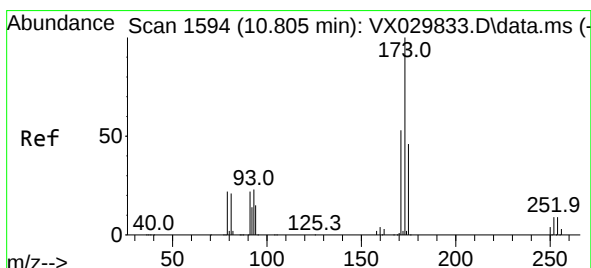
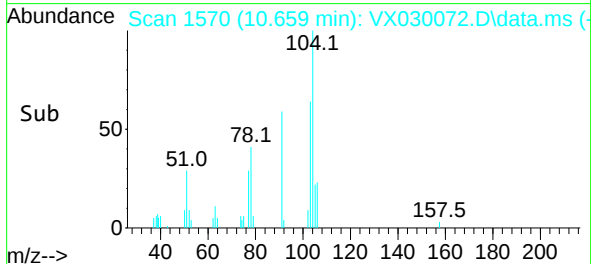
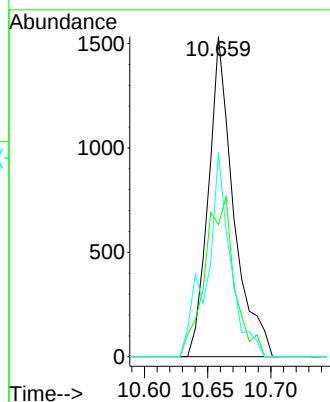
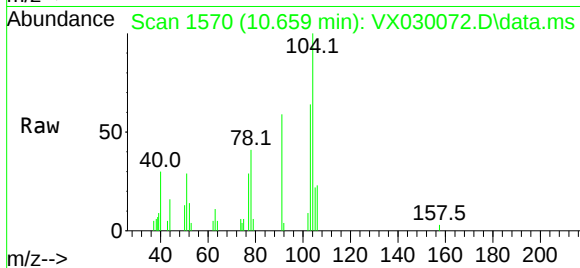
Tgt Ion:	104	Resp:	211
Ion Ratio	Lower	Upper	
104	100		
78	58.7	37.8	56.8
103	60.2	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#71

Bromoform

Concen: 0.504 ug/l

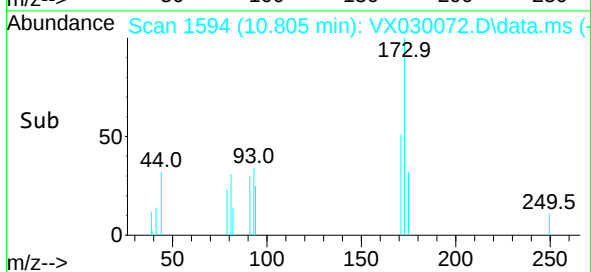
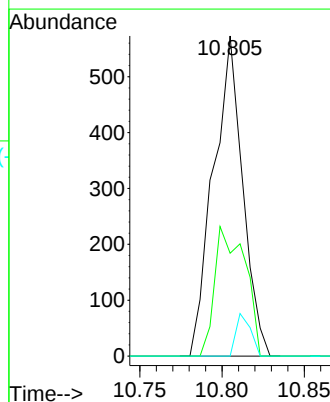
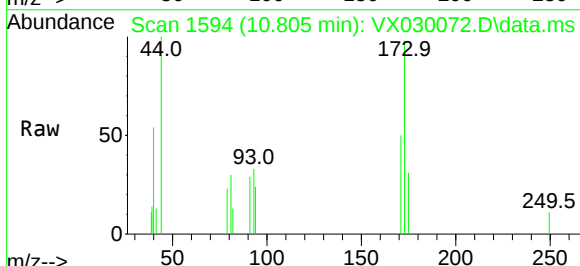
RT: 10.805 min Scan# 1594

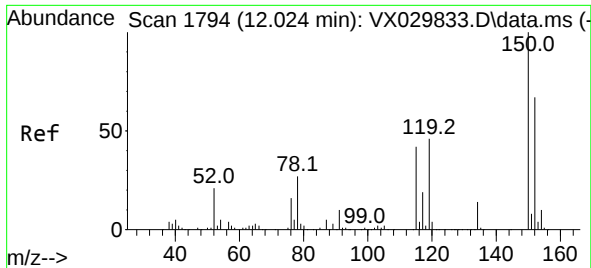
Delta R.T. -0.000 min

Lab File: VX030072.D

Acq: 14 Jul 2022 19:41

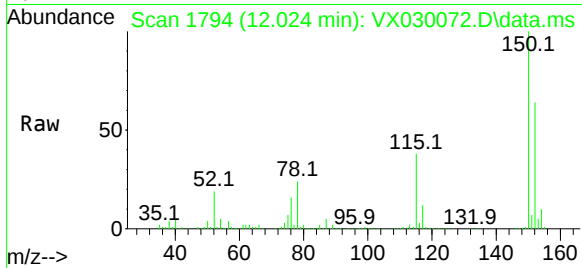
Tgt Ion:	173	Resp:	711
Ion Ratio	Lower	Upper	
173	100		
175	41.8	23.8	71.2
254	6.5	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 112034
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

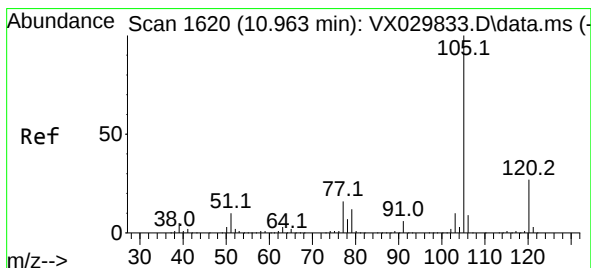
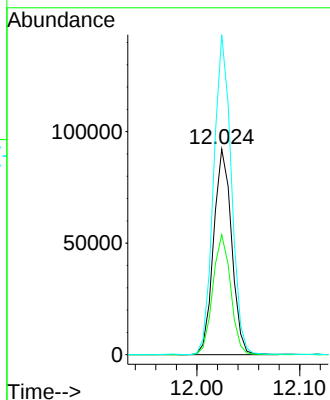
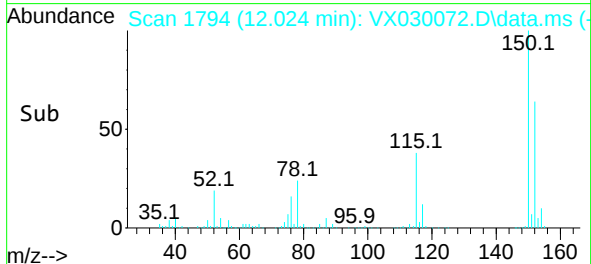
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



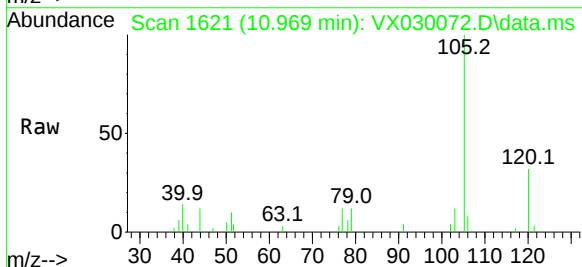
Tgt Ion:152 Resp: 112034
Ion Ratio Lower Upper
152 100
115 57.6 40.5 121.5
150 153.0 0.0 347.0

Manual Integrations
APPROVED

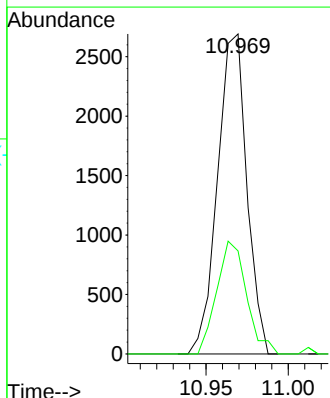
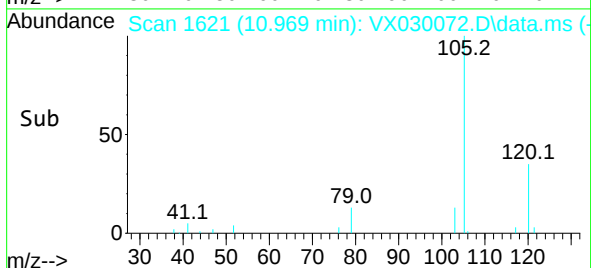
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

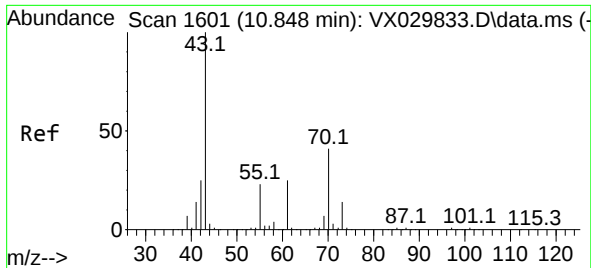


#73
Isopropylbenzene
Concen: 0.428 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



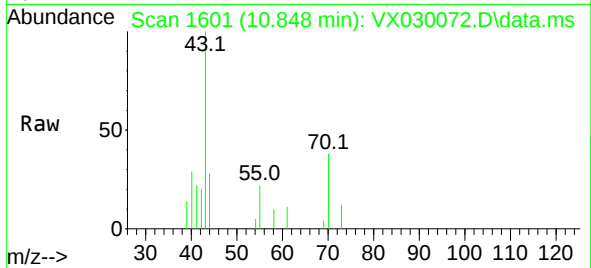
Tgt Ion:105 Resp: 3335
Ion Ratio Lower Upper
105 100
120 35.9 13.5 40.4





#74
N-amy1 acetate
Concen: 0.479 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

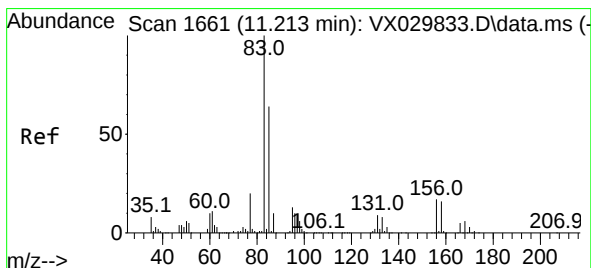
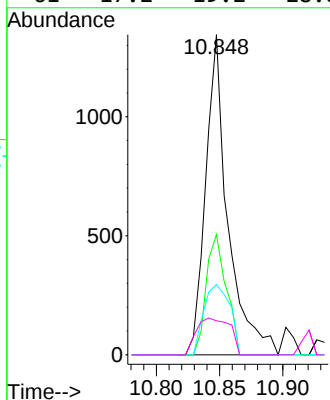
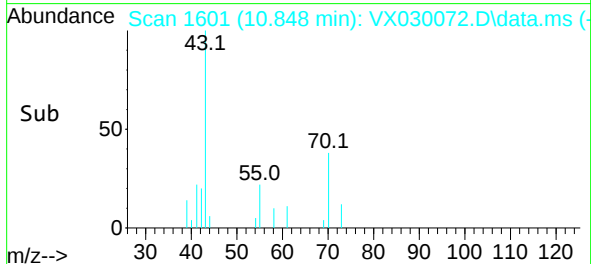
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:	43	Resp:	164
Ion Ratio	100	Lower	Upper
43	100		
70	33.9	32.3	48.5
55	25.6	18.4	27.6
61	17.2	19.2	28.8

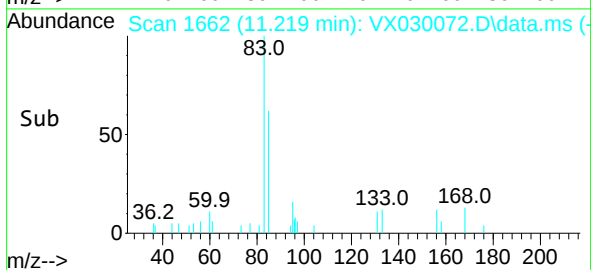
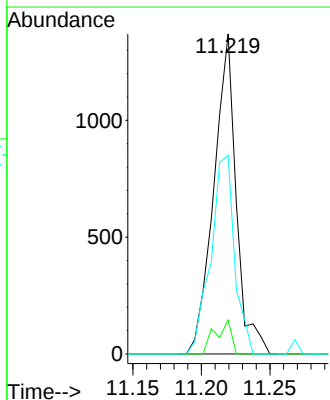
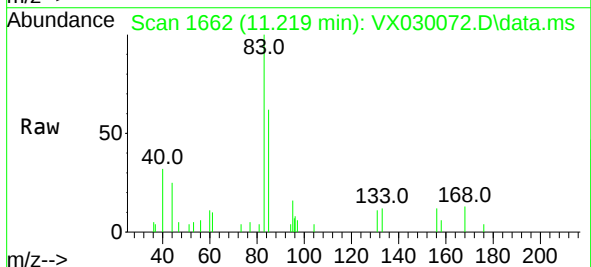
Manual Integrations
APPROVED

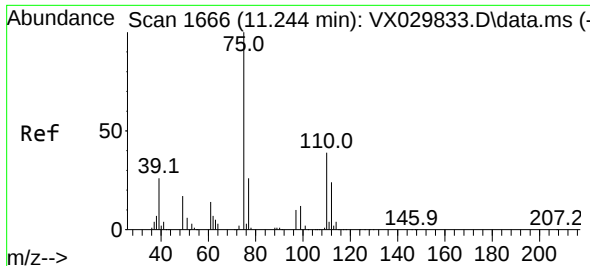
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 0.554 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

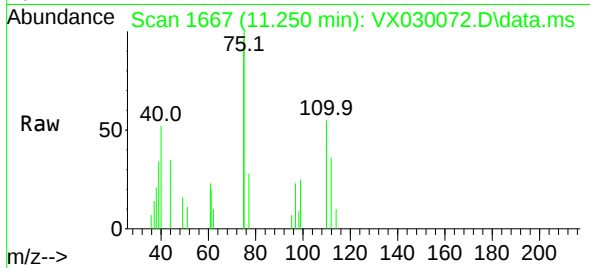
Tgt Ion:	83	Resp:	1559
Ion Ratio	100	Lower	Upper
83	100		
131	7.6	4.5	13.7
85	65.8	32.5	97.5





#76
1,2,3-Trichloropropane
Concen: 0.604 ug/l m
RT: 11.250 min Scan# 1667
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

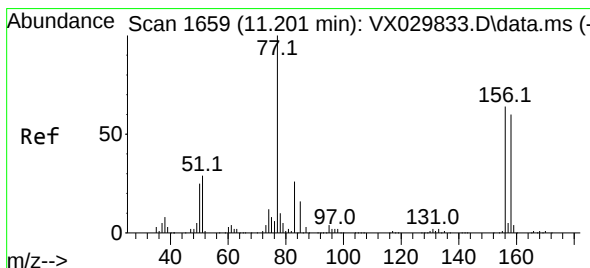
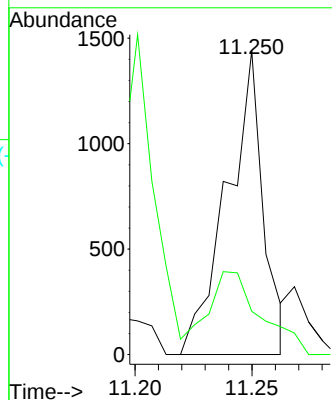
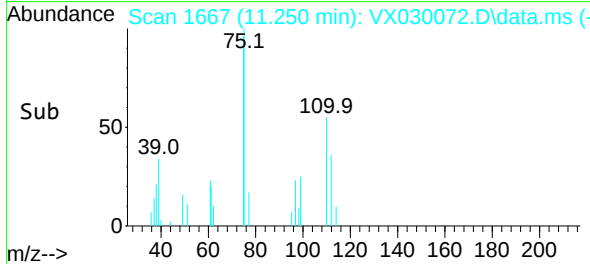
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



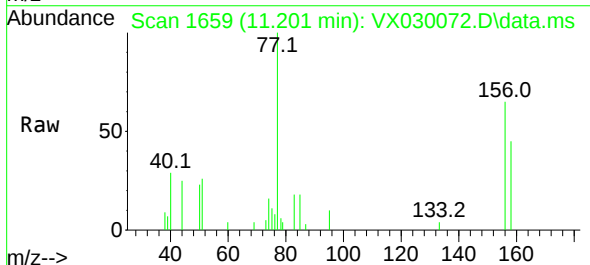
Tgt Ion: 75 Resp: 1550
Ion Ratio Lower Upper
75 100
77 36.9 19.8 59.3

Manual Integrations
APPROVED

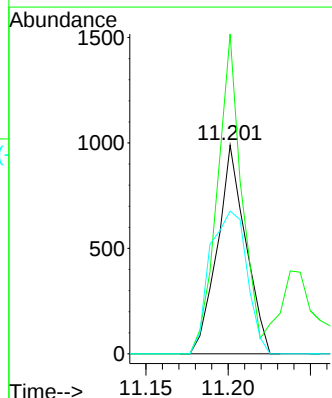
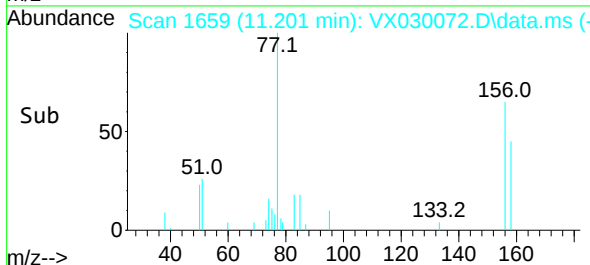
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

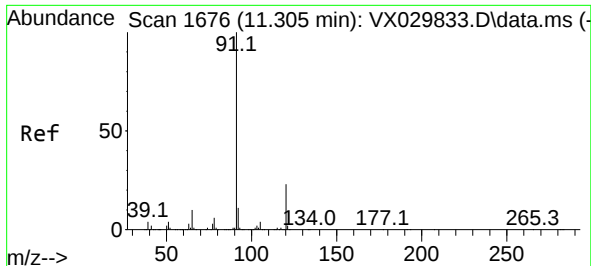


#77
Bromobenzene
Concen: 0.607 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



Tgt Ion:156 Resp: 1185
Ion Ratio Lower Upper
156 100
77 136.4 82.7 247.9
158 89.0 47.5 142.5





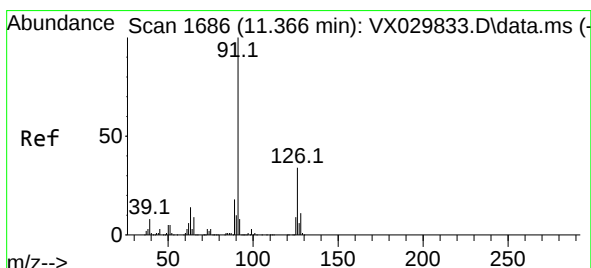
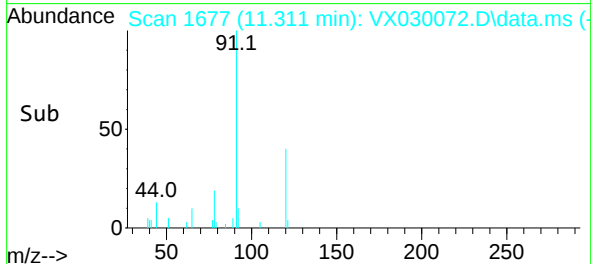
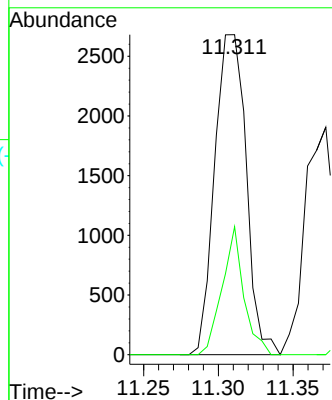
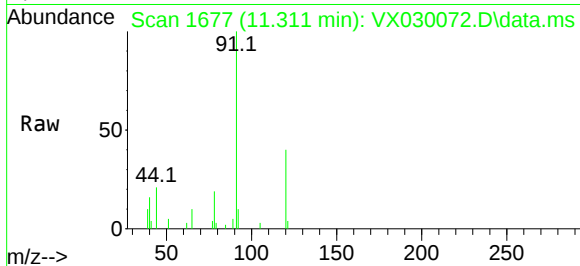
#78
n-propylbenzene
Concen: 0.425 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 91 Resp: 3929
Ion Ratio Lower Upper
91 100
120 27.5 11.6 34.8

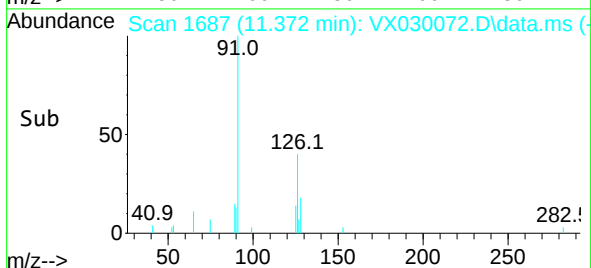
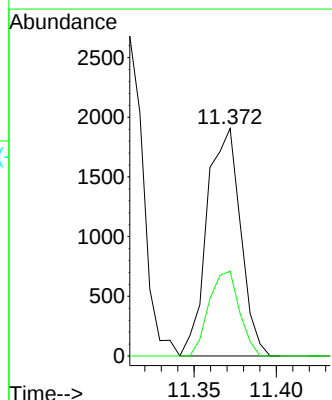
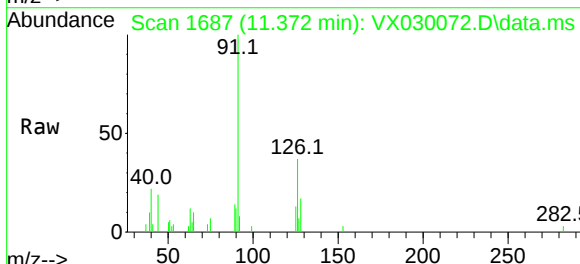
Manual Integrations
APPROVED

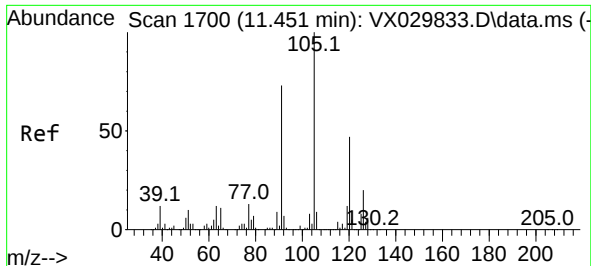
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#79
2-Chlorotoluene
Concen: 0.487 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

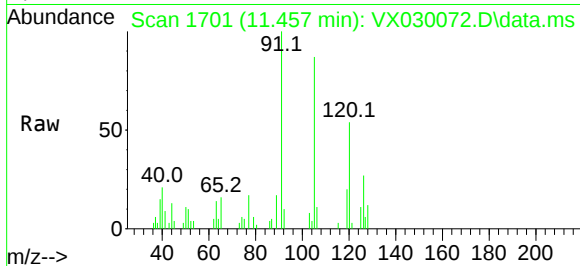
Tgt Ion: 91 Resp: 2699
Ion Ratio Lower Upper
91 100
126 33.7 17.4 52.3





#80
1,3,5-Trimethylbenzene
Concen: 0.360 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

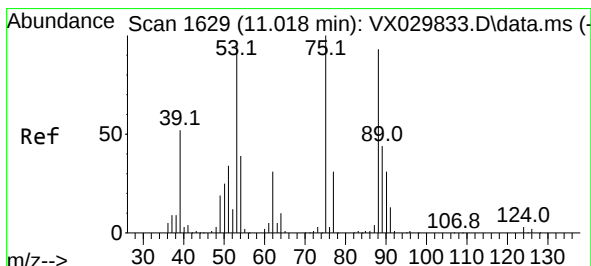
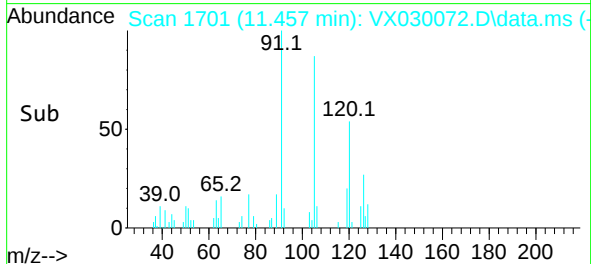
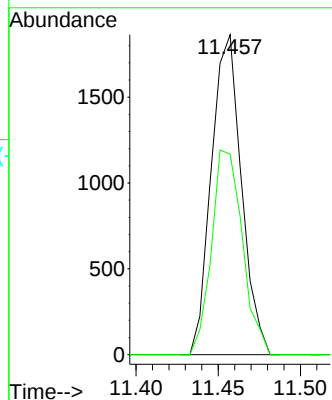
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:105 Resp: 236
Ion Ratio Lower Upper
105 100
120 65.7 24.4 73.2

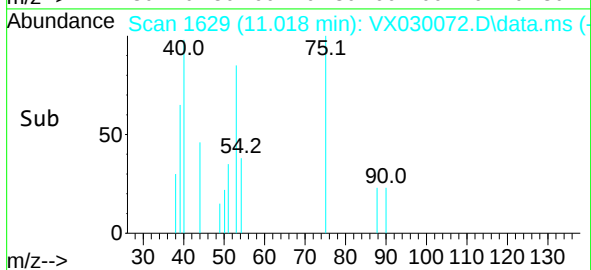
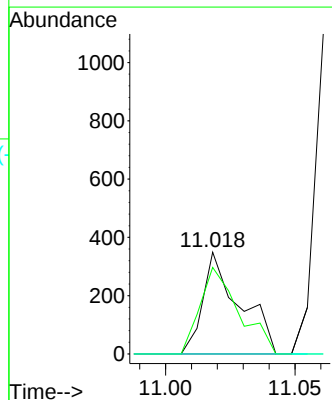
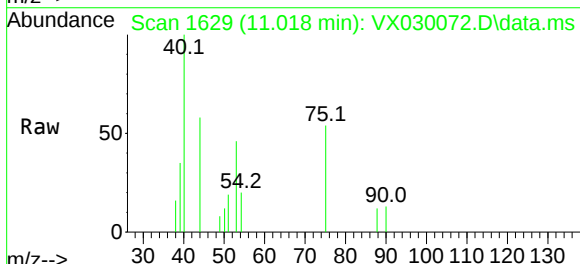
Manual Integrations
APPROVED

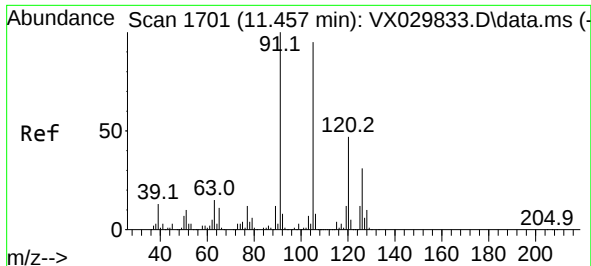
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#81
trans-1,4-Dichloro-2-butene
Concen: 0.388 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Tgt Ion: 75 Resp: 346
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





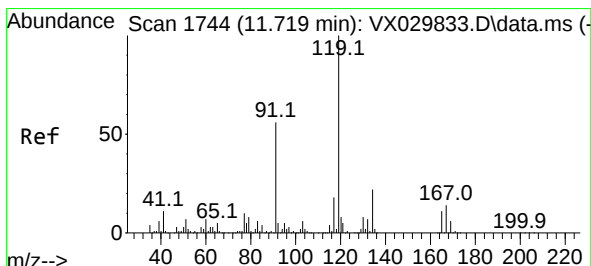
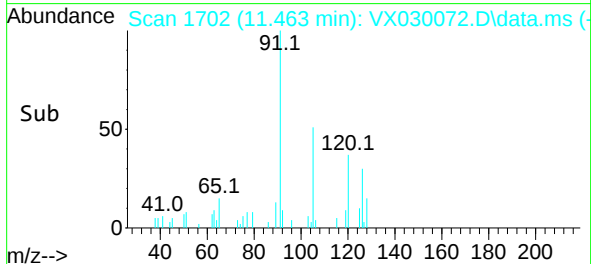
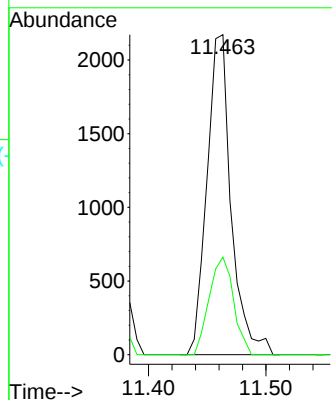
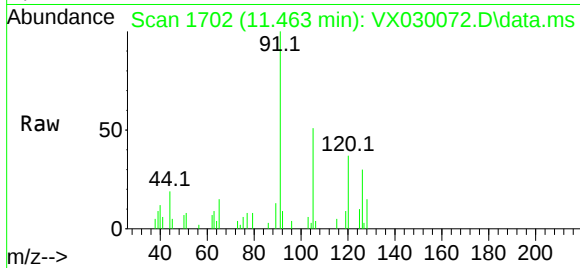
#82
4-Chlorotoluene
Concen: 0.501 ug/l
RT: 11.463 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 91 Resp: 311
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9

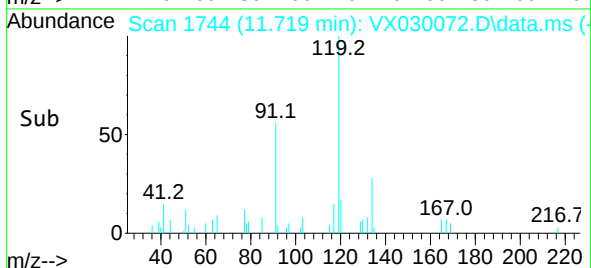
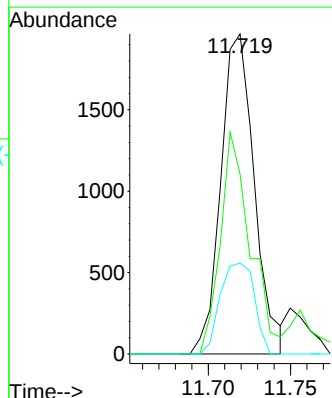
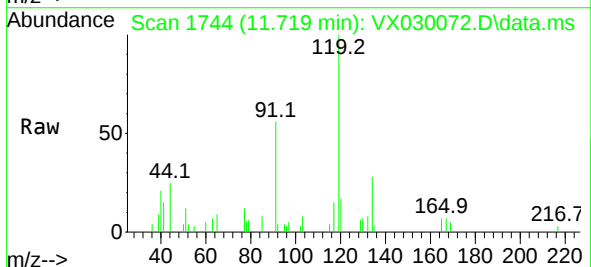
Manual Integrations
APPROVED

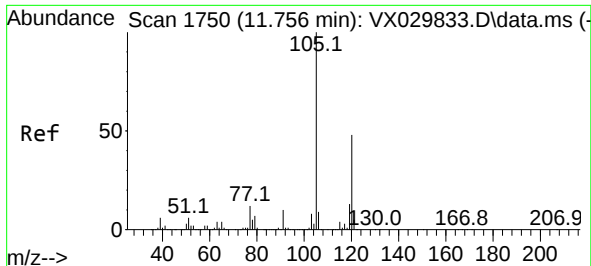
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#83
tert-Butylbenzene
Concen: 0.442 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

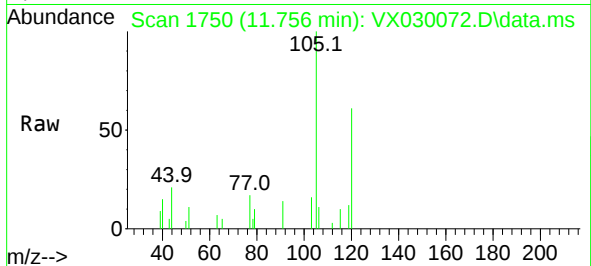
Tgt Ion:119 Resp: 2789
Ion Ratio Lower Upper
119 100
91 62.5 28.3 84.9
134 28.9 11.2 33.5





#84
1,2,4-Trimethylbenzene
Concen: 0.405 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

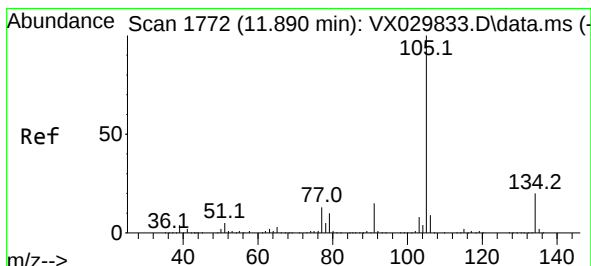
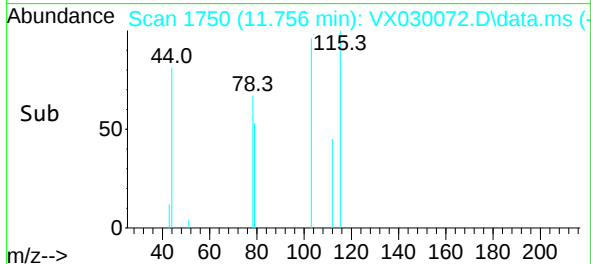
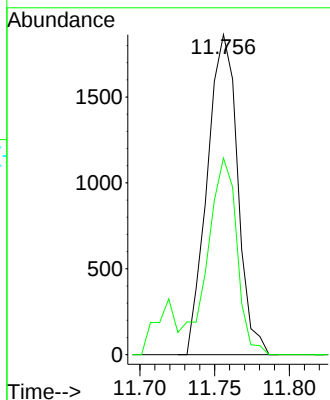
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:105 Resp: 2630
Ion Ratio Lower Upper
105 100
120 59.6 22.9 68.8

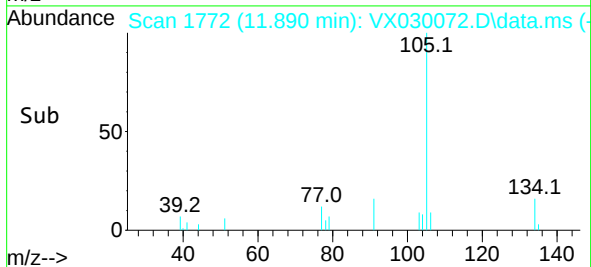
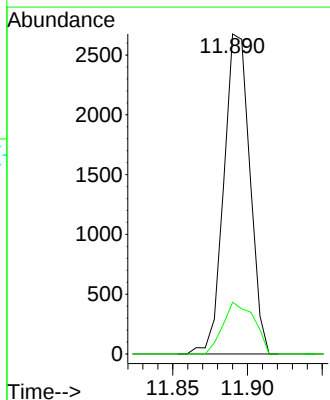
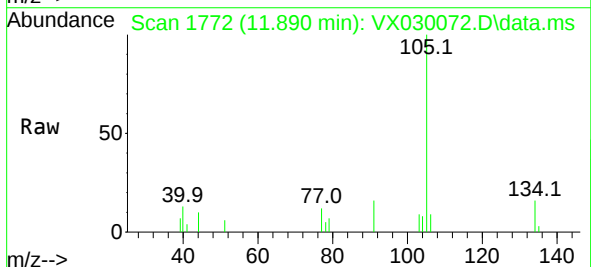
Manual Integrations
APPROVED

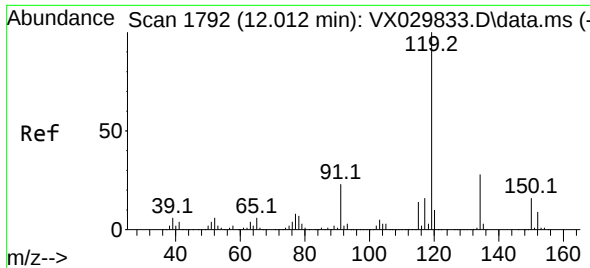
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#85
sec-Butylbenzene
Concen: 0.387 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

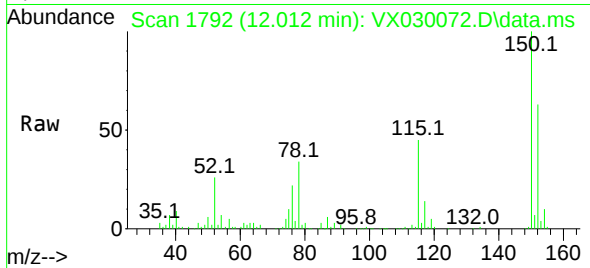
Tgt Ion:105 Resp: 3229
Ion Ratio Lower Upper
105 100
134 19.3 10.0 30.0





#86
p-Isopropyltoluene
Concen: 0.355 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

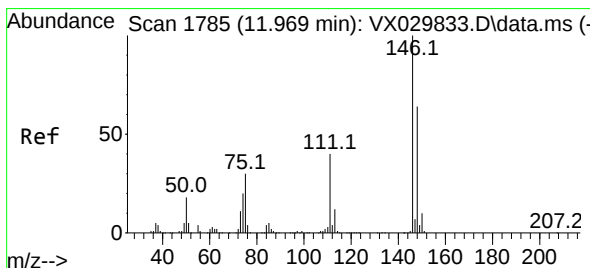
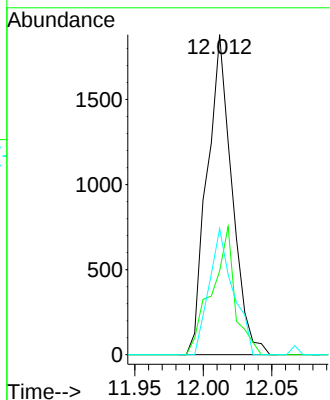
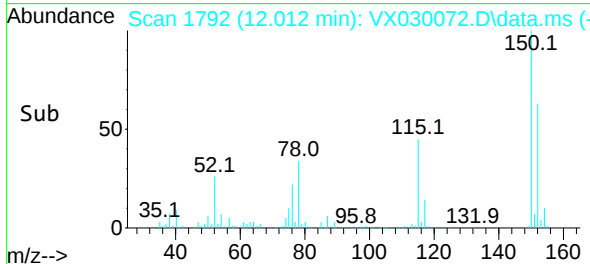
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022



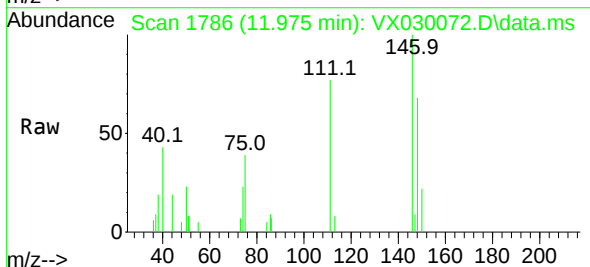
Tgt Ion:119 Resp: 2372
Ion Ratio Lower Upper
119 100
134 37.5 13.9 41.6
91 37.9 11.8 35.3

Manual Integrations
APPROVED

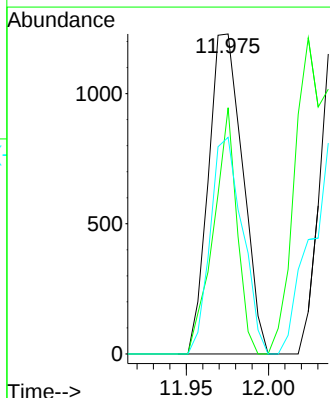
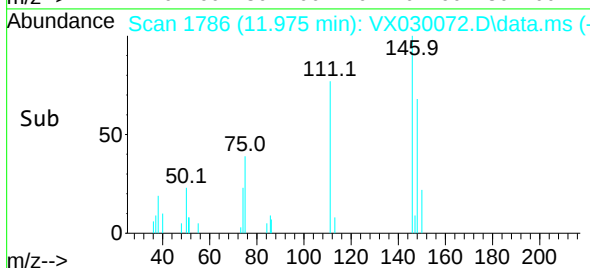
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

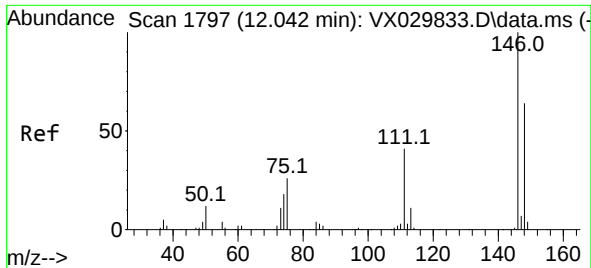


#87
1,3-Dichlorobenzene
Concen: 0.494 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



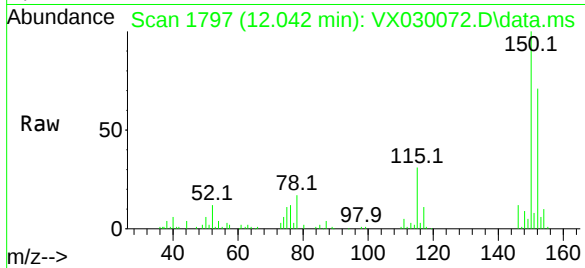
Tgt Ion:146 Resp: 1781
Ion Ratio Lower Upper
146 100
111 52.7 20.3 60.8
148 63.9 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 0.551 ug/l m
RT: 12.042 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

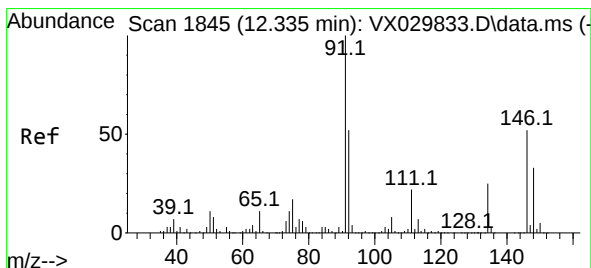
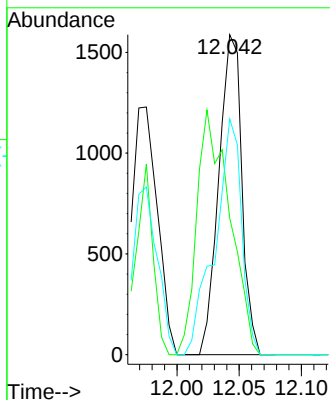
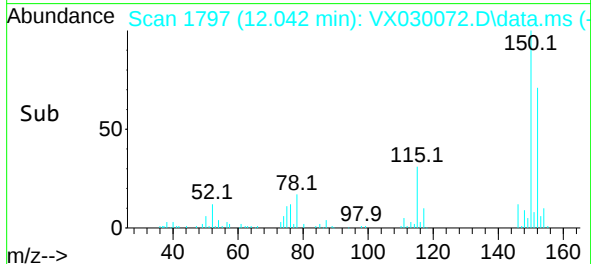
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022



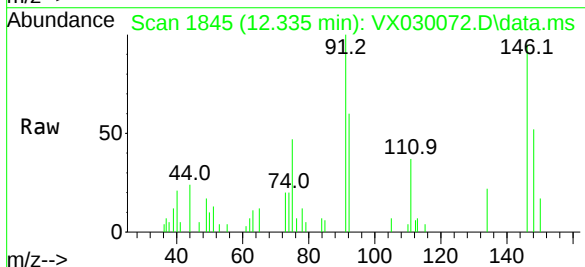
Tgt Ion:146 Resp: 2039
Ion Ratio Lower Upper
146 100
111 46.1 20.3 60.9
148 55.8 32.3 96.8

Manual Integrations
APPROVED

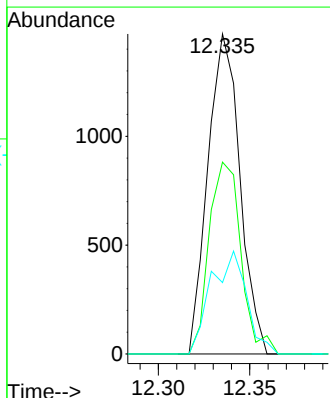
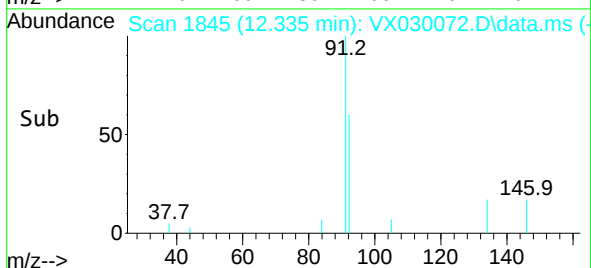
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

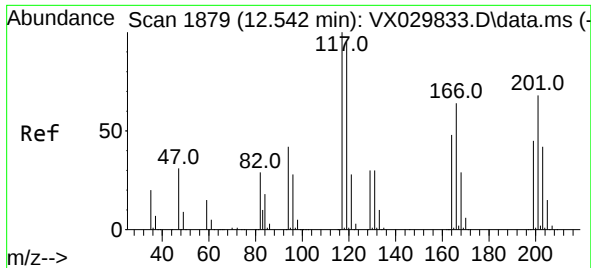


#89
n-Butylbenzene
Concen: 0.300 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41



Tgt Ion: 91 Resp: 1795
Ion Ratio Lower Upper
91 100
92 59.6 26.2 78.5
134 35.7 12.6 37.8





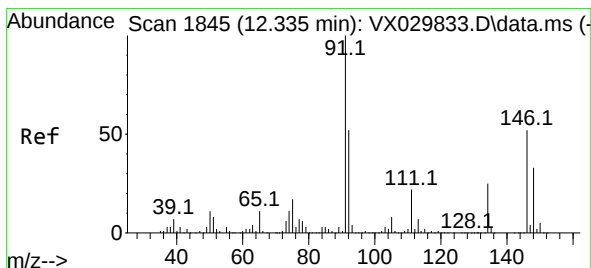
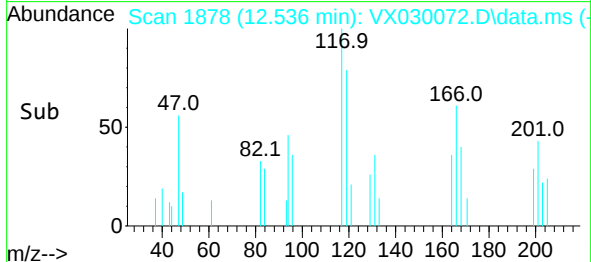
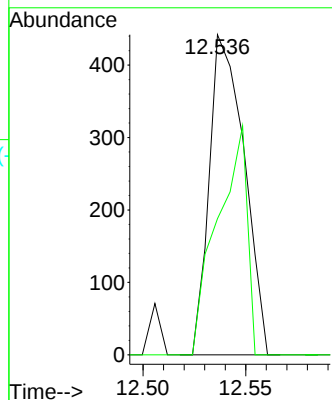
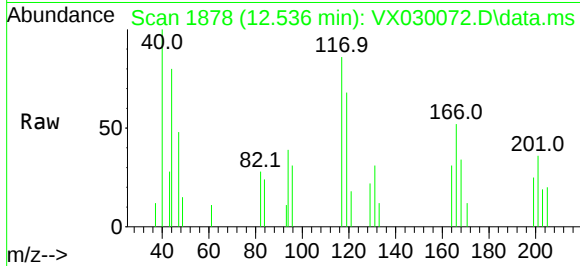
#90
Hexachloroethane
Concen: 0.457 ug/l
RT: 12.536 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion:117 Resp: 52.1
Ion Ratio Lower Upper
117 100
201 60.7 34.2 102.5

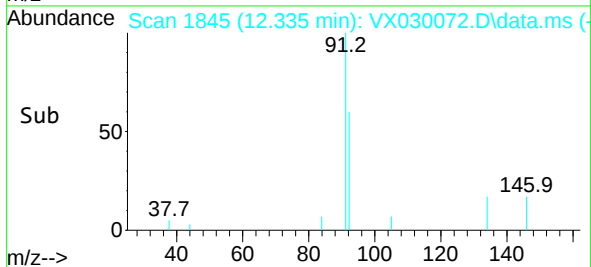
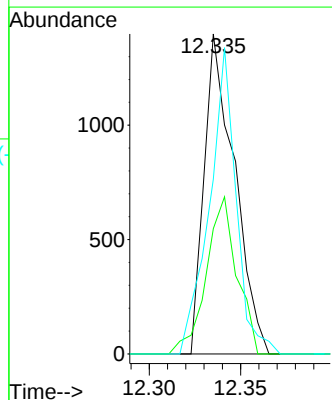
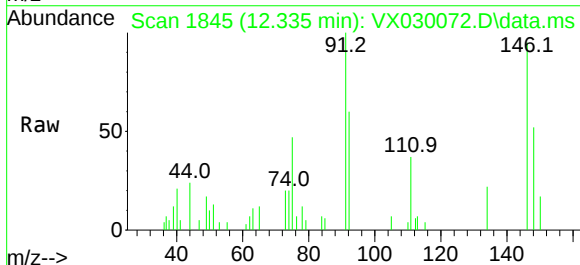
Manual Integrations
APPROVED

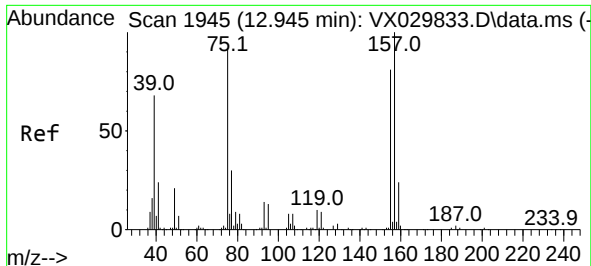
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#91
1,2-Dichlorobenzene
Concen: 0.439 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Tgt Ion:146 Resp: 1609
Ion Ratio Lower Upper
146 100
111 49.8 20.7 62.1
148 85.0 32.0 96.2





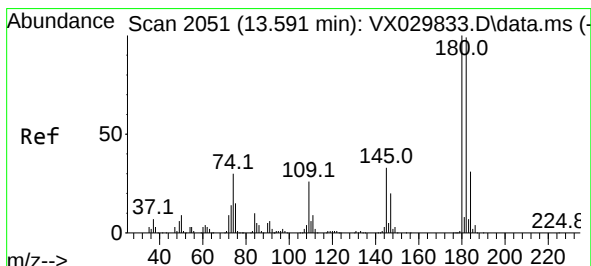
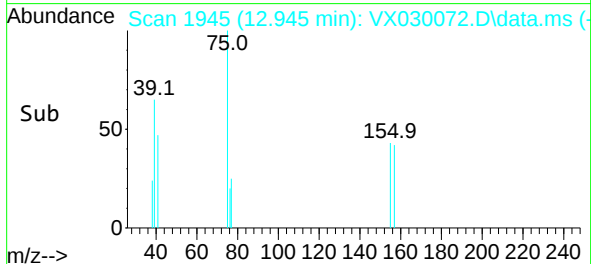
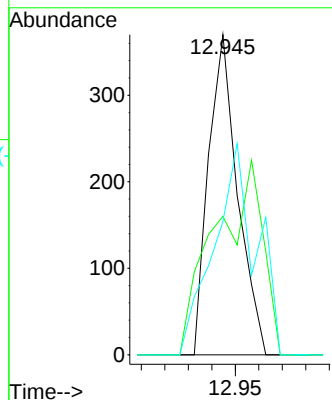
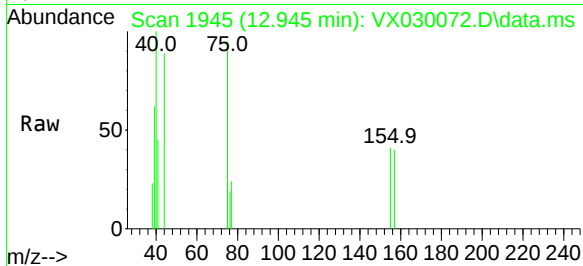
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.493 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion: 75 Resp: 317
Ion Ratio Lower Upper
75 100
155 100.0 45.0 134.8
157 94.6 56.9 170.7

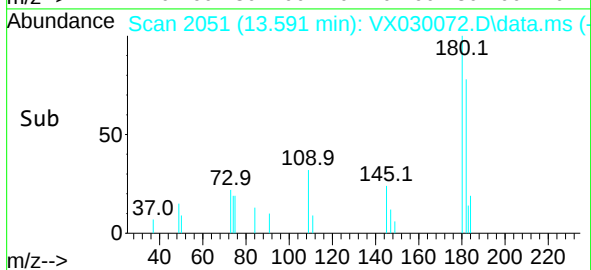
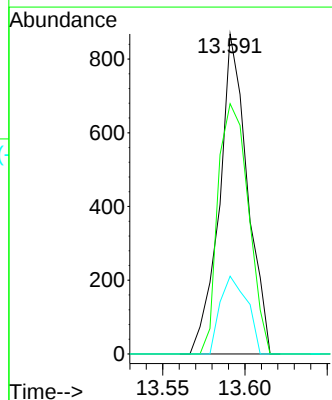
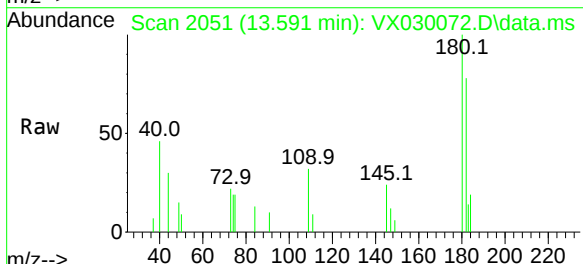
Manual Integrations
APPROVED

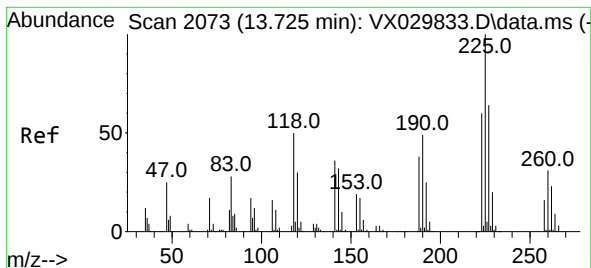
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#93
1,2,4-Trichlorobenzene
Concen: 0.457 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030072.D
Acq: 14 Jul 2022 19:41

Tgt Ion:180 Resp: 1029
Ion Ratio Lower Upper
180 100
182 84.7 48.2 144.6
145 23.3 15.9 47.6





#94

Hexachlorobutadiene

Concen: 0.322 ug/l

RT: 13.731 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX030072.D

Acq: 14 Jul 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

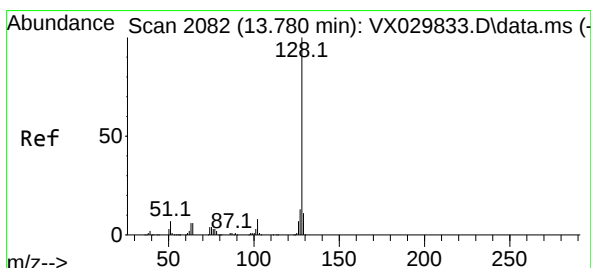
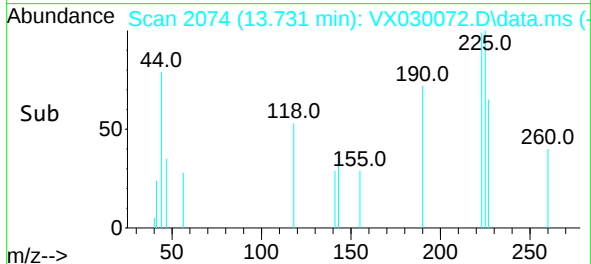
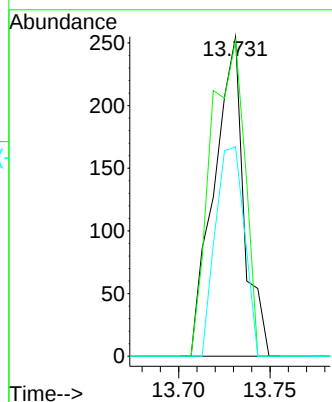
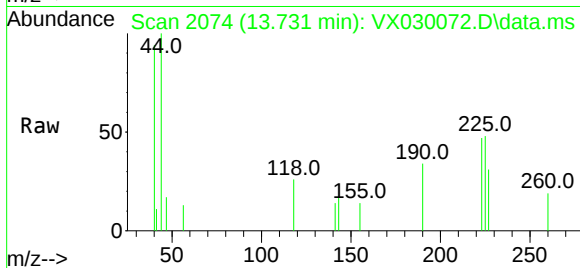
Tgt Ion:	225	Resp:	289
Ion Ratio	Lower	Upper	
225	100		
223	112.1	30.6	91.6
227	63.7	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#95

Naphthalene

Concen: 0.395 ug/l

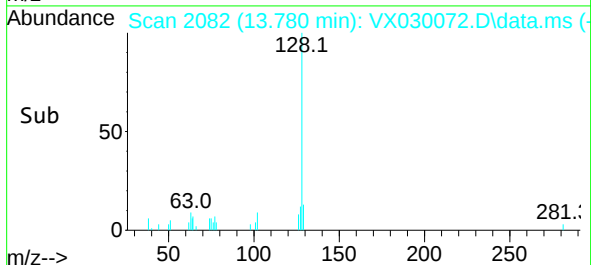
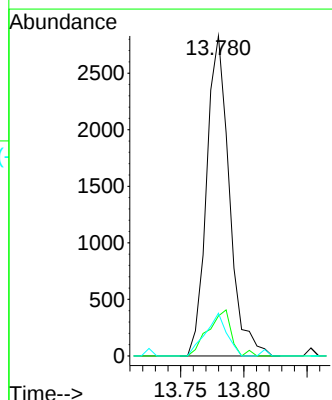
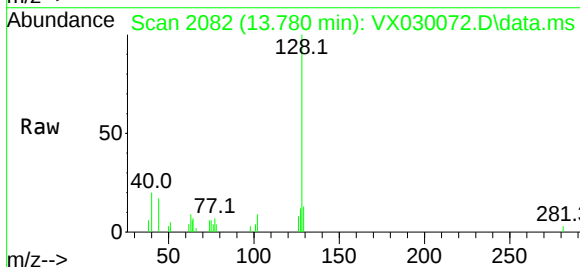
RT: 13.780 min Scan# 2082

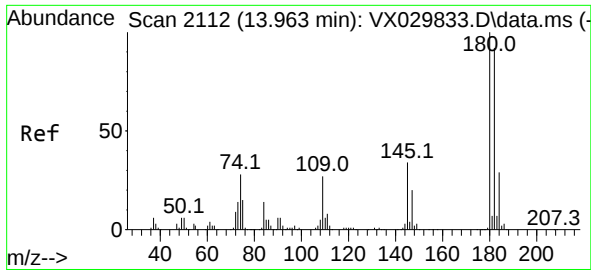
Delta R.T. -0.000 min

Lab File: VX030072.D

Acq: 14 Jul 2022 19:41

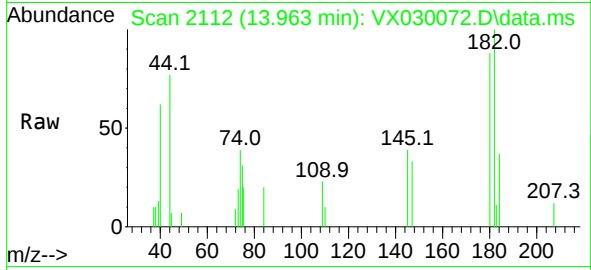
Tgt Ion:	128	Resp:	3528
Ion Ratio	Lower	Upper	
128	100		
127	14.6	10.2	15.2
129	12.6	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.423 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX030072.D
 Acq: 14 Jul 2022 19:41

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:180 Resp: 968
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.0 141.0
 145 30.6 17.0 50.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

