

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071636.D
 Acq On : 29 Mar 2022 16:54
 Operator : JC\MD
 Sample : N1645-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Quant Time: Mar 30 09:04:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 09:02:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/30/2022
 Supervised By : Mahesh Dadoda 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	647876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1051754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	876430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	274386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	409436	52.707	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.420%			
35) Dibromofluoromethane	8.016	113	323208	50.037	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.080%			
50) Toluene-d8	10.439	98	1268331	47.603	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.200%			
62) 4-Bromofluorobenzene	12.727	95	341310	39.267	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 78.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	666	0.105	ug/l	97
3) Chloromethane	2.299	50	3115	0.417	ug/l	90
4) Vinyl Chloride	2.440	62	977	0.118	ug/l #	59
5) Bromomethane	2.852	94	1135	0.233	ug/l	98
6) Chloroethane	3.016	64	1599m	0.267	ug/l	
7) Trichlorofluoromethane	3.381	101	1317	0.133	ug/l	89
8) Diethyl Ether	3.840	74	377m	0.092	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.204	101	595	0.099	ug/l #	68
10) Methyl Iodide	4.428	142	1270	0.143	ug/l #	70
11) Tert butyl alcohol	5.351	59	525	0.383	ug/l #	72
12) 1,1-Dichloroethene	4.187	96	635	0.109	ug/l #	72
13) Acrolein	4.051	56	1437	1.256	ug/l	85
14) Allyl chloride	4.846	41	1378	0.148	ug/l #	68
15) Acrylonitrile	5.540	53	2548m	0.665	ug/l	
16) Acetone	4.299	43	4332	1.353	ug/l #	86
17) Carbon Disulfide	4.528	76	3266m	0.225	ug/l	
18) Methyl Acetate	4.863	43	13442	1.358	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	2472	0.116	ug/l	93
20) Methylene Chloride	5.081	84	2333	0.330	ug/l #	67
21) trans-1,2-Dichloroethene	5.604	96	778m	0.125	ug/l	
22) Diisopropyl ether	6.498	45	2634	0.133	ug/l #	78
23) Vinyl Acetate	6.434	43	9985	0.596	ug/l #	88
24) 1,1-Dichloroethane	6.393	63	1475	0.125	ug/l #	82
25) 2-Butanone	7.345	43	3811	0.765	ug/l #	79
26) 2,2-Dichloropropane	7.322	77	1243	0.122	ug/l #	53
27) cis-1,2-Dichloroethene	7.316	96	1060	0.139	ug/l	61
28) Bromochloromethane	7.651	49	508	0.106	ug/l #	93
29) Tetrahydrofuran	7.692	42	2257	0.698	ug/l #	59
30) Chloroform	7.822	83	1800	0.149	ug/l	86
31) Cyclohexane	8.081	56	12981	1.197	ug/l #	1
32) 1,1,1-Trichloroethane	8.016	97	1503	0.143	ug/l #	48
36) 1,1-Dichloropropene	8.222	75	1244m	0.134	ug/l	
37) Ethyl Acetate	7.422	43	1445	0.142	ug/l #	67
38) Carbon Tetrachloride	8.198	117	1296m	0.141	ug/l	
39) Methylcyclohexane	9.463	83	1386	0.121	ug/l #	57
40) Benzene	8.451	78	4380	0.154	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.645	41	606	0.123	ug/l #	63
42) 1,2-Dichloroethane	8.528	62	2367	0.240	ug/l #	74
43) Isopropyl Acetate	8.557	43	22596m	1.254	ug/l	
44) Trichloroethene	9.210	130	1118	0.149	ug/l	81
45) 1,2-Dichloropropane	9.492	63	738	0.105	ug/l #	44
46) Dibromomethane	9.575	93	753	0.157	ug/l #	71
47) Bromodichloromethane	9.757	83	1323	0.140	ug/l #	57
48) Methyl methacrylate	9.557	41	1127	0.154	ug/l #	63
49) 1,4-Dioxane	9.581	88	409	2.540	ug/l #	39
51) 4-Methyl-2-Pentanone	10.328	43	6700	0.673	ug/l	94
52) Toluene	10.498	92	2735	0.149	ug/l	87
53) t-1,3-Dichloropropene	10.710	75	1257	0.122	ug/l #	26
54) cis-1,3-Dichloropropene	10.192	75	1440	0.129	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	1180	0.160	ug/l #	65
56) Ethyl methacrylate	10.763	69	1100	0.100	ug/l #	75
57) 1,3-Dichloropropane	11.045	76	1662	0.135	ug/l #	79
58) 2-Chloroethyl Vinyl ether	10.033	63	3042	1.073	ug/l	99
59) 2-Hexanone	11.086	43	9899	1.390	ug/l	71
60) Dibromochloromethane	11.239	129	864	0.117	ug/l	73
61) 1,2-Dibromoethane	11.351	107	847	0.113	ug/l	89
64) Tetrachloroethene	10.975	164	875	0.144	ug/l #	71
65) Chlorobenzene	11.769	112	2871	0.157	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.833	131	846	0.129	ug/l #	53
67) Ethyl Benzene	11.839	91	4251	0.135	ug/l	91
68) m/p-Xylenes	11.957	106	3075	0.256	ug/l	92
69) o-Xylene	12.275	106	1533	0.127	ug/l	91
70) Styrene	12.286	104	1743	0.095	ug/l #	92
71) Bromoform	12.457	173	494	0.096	ug/l #	28
73) Isopropylbenzene	12.574	105	2912	0.121	ug/l	96
74) N-amyl acetate	12.386	43	1282	0.176	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.822	83	1522	0.189	ug/l #	86
76) 1,2,3-Trichloropropane	12.869	75	1208m	0.183	ug/l	
77) Bromobenzene	12.851	156	987	0.164	ug/l	78
78) n-propylbenzene	12.916	91	4132	0.160	ug/l	96
79) 2-Chlorotoluene	13.004	91	2282	0.141	ug/l	87
80) 1,3,5-Trimethylbenzene	13.057	105	2420	0.128	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.627	75	114m	0.050	ug/l	
82) 4-Chlorotoluene	13.098	91	2488	0.165	ug/l	98
83) tert-Butylbenzene	13.316	119	2359	0.136	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	2710	0.146	ug/l	90
85) sec-Butylbenzene	13.498	105	2814	0.122	ug/l	99
86) p-Isopropyltoluene	13.616	119	2015	0.110	ug/l	95
87) 1,3-Dichlorobenzene	13.621	146	1655	0.170	ug/l	78
88) 1,4-Dichlorobenzene	13.686	146	1983m	0.205	ug/l	
89) n-Butylbenzene	13.933	91	2036	0.148	ug/l	88
90) Hexachloroethane	14.204	117	586	0.171	ug/l #	47
91) 1,2-Dichlorobenzene	13.980	146	1603	0.168	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.598	75	125	0.090	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.251	180	588	0.139	ug/l #	84
94) Hexachlorobutadiene	15.374	225	281	0.106	ug/l #	35
95) Naphthalene	15.498	128	1572	0.137	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.698	180	452	0.107	ug/l #	43

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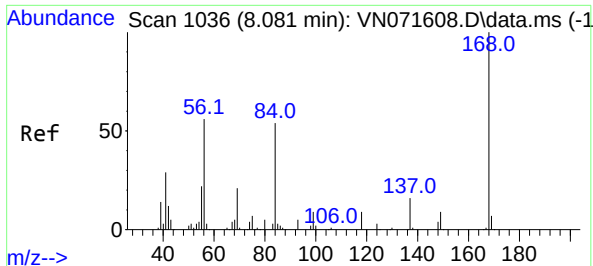
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

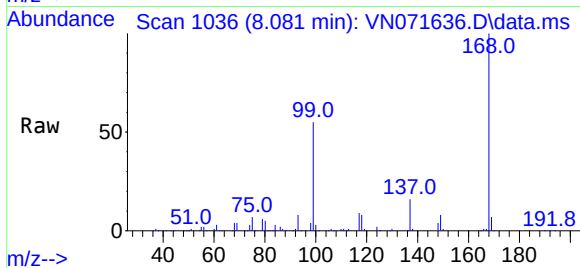
Quant Time: Mar 30 09:04:37 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

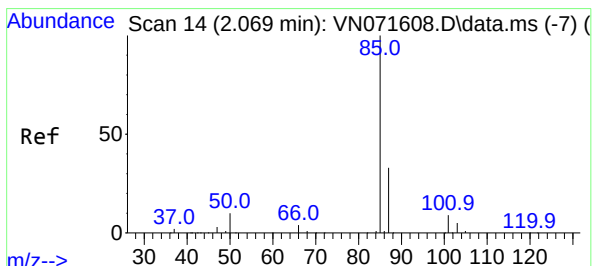
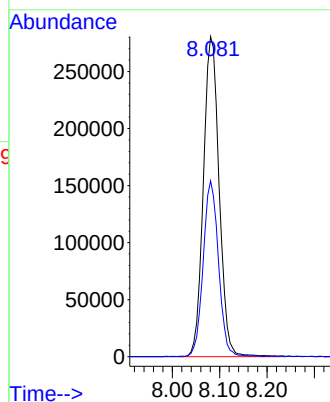
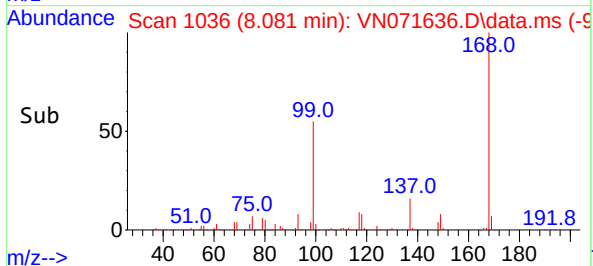
Instrument :
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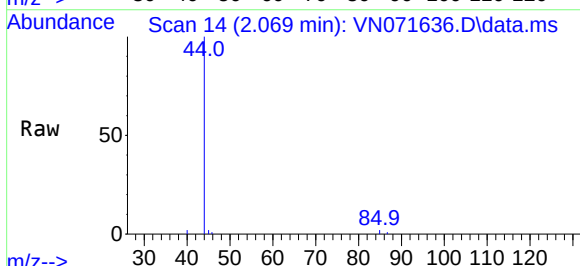
Tgt Ion:168 Resp: 647870
Ion Ratio Lower Upper
168 100
99 54.8 42.3 63.5

Manual Integrations
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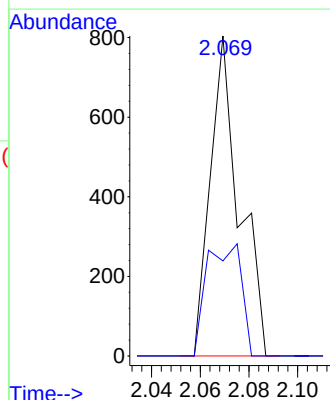
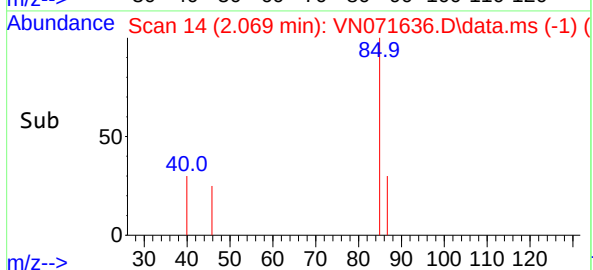
Reviewed By :John Carlone 03/30/2022
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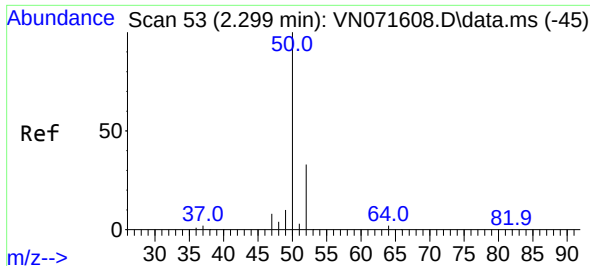


#2
Dichlorodifluoromethane
Concen: 0.105 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



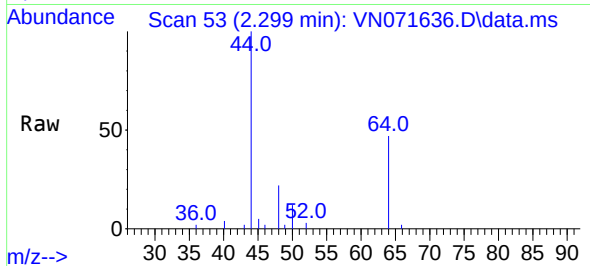
Tgt Ion: 85 Resp: 666
Ion Ratio Lower Upper
85 100
87 29.7 15.7 47.1





#3
Chloromethane
Concen: 0.417 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

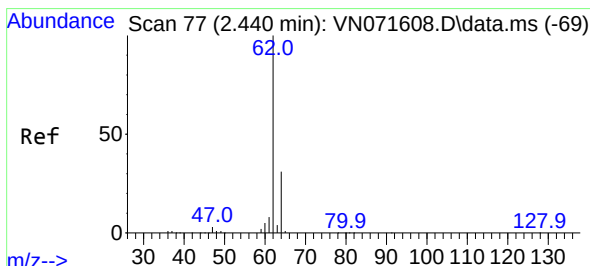
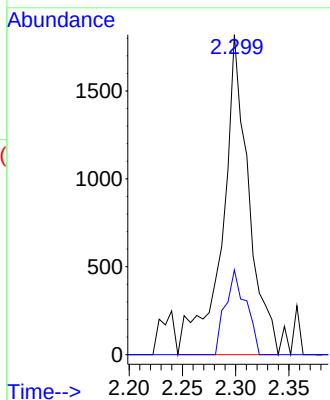
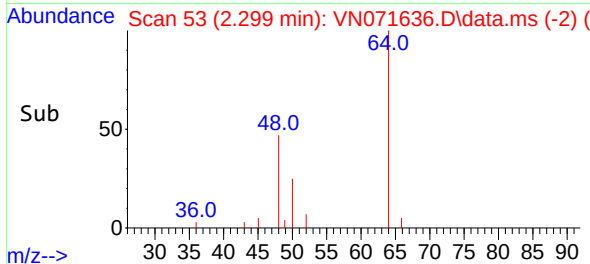
Instrument : MSVOA_N
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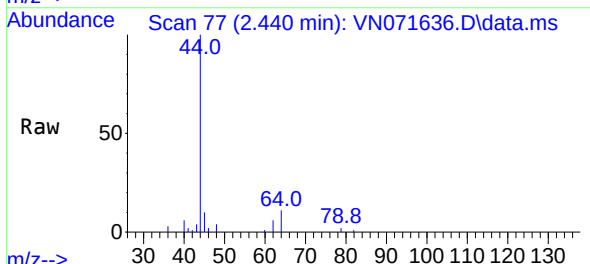
Tgt Ion: 50 Resp: 311
Ion Ratio Lower Upper
50 100
52 26.5 25.7 38.5

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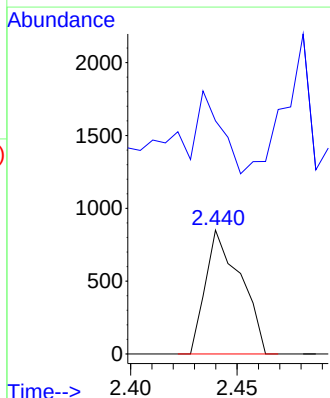
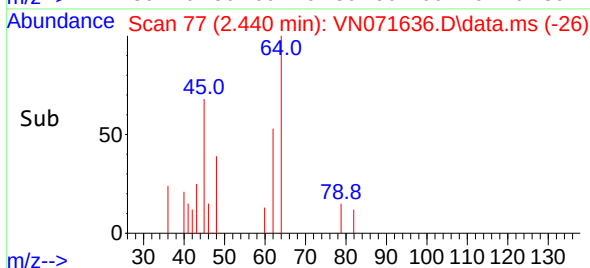
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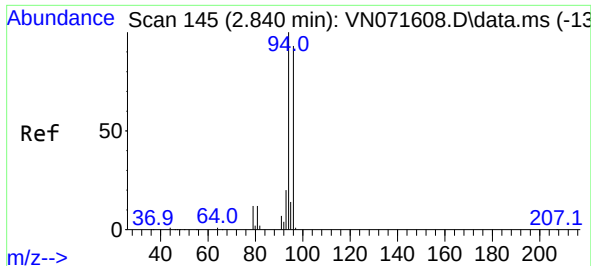


#4
Vinyl Chloride
Concen: 0.118 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



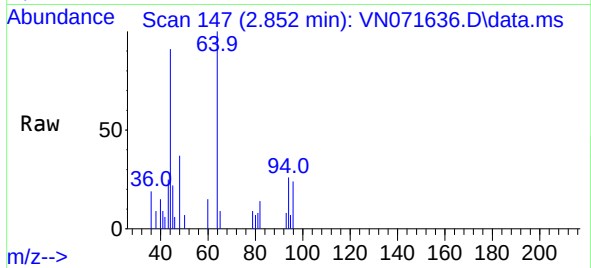
Tgt Ion: 62 Resp: 977
Ion Ratio Lower Upper
62 100
64 8.7 25.0 37.4#





#5
Bromomethane
Concen: 0.233 ug/l
RT: 2.852 min Scan# 145
Delta R.T. 0.012 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

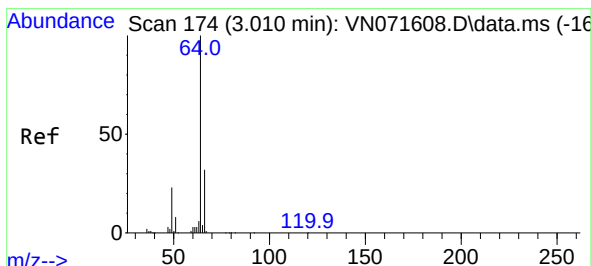
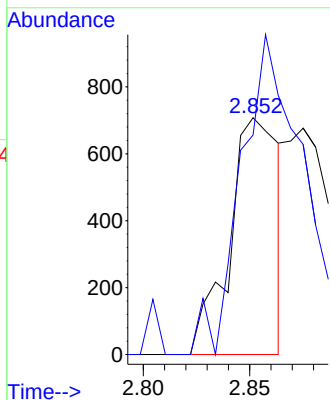
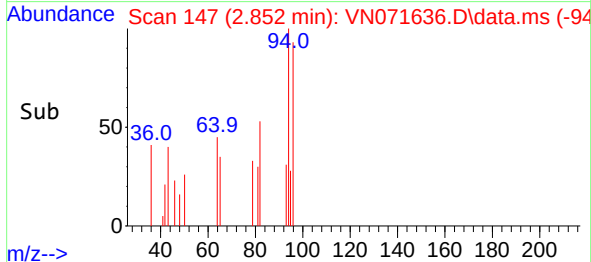
Instrument :
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Tgt Ion: 94 Resp: 1135
Ion Ratio Lower Upper
94 100
96 92.7 76.0 114.0

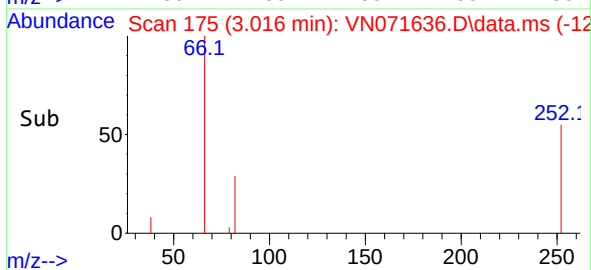
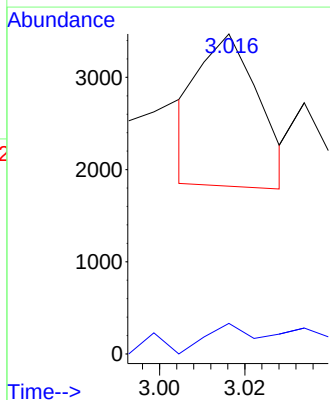
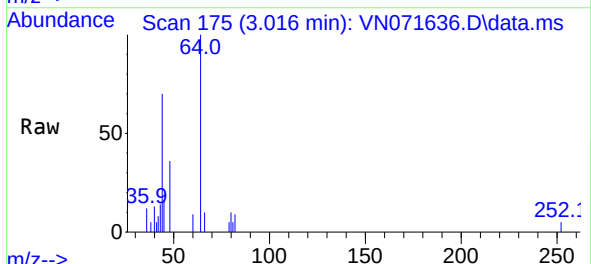
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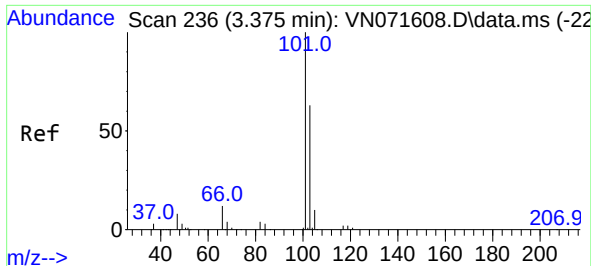
Reviewed By :John Carlone 03/30/2022
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#6
Chloroethane
Concen: 0.267 ug/l m
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071636.D
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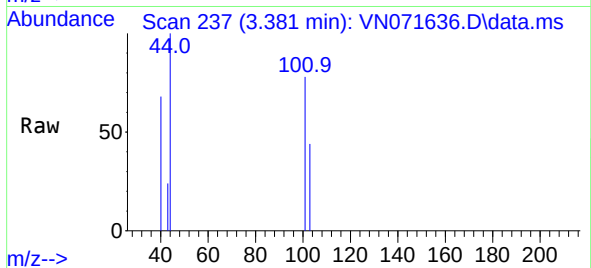
Tgt Ion: 64 Resp: 1599
Ion Ratio Lower Upper
64 100
66 9.5 26.2 39.4#





#7
Trichlorofluoromethane
Concen: 0.133 ug/l
RT: 3.381 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

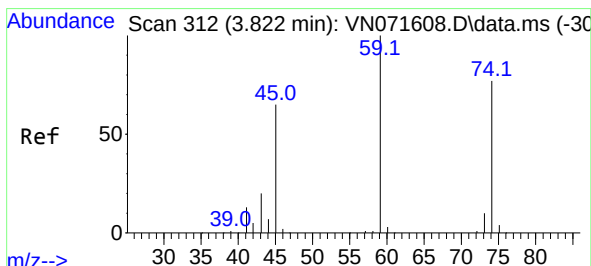
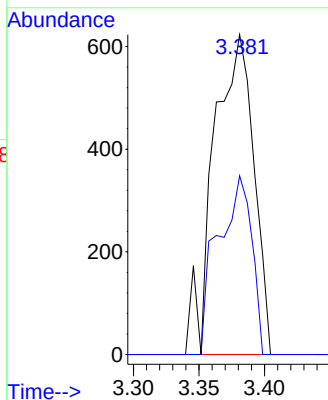
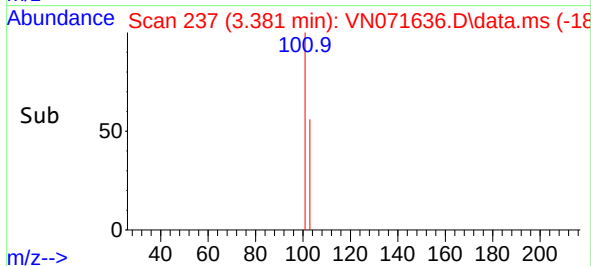
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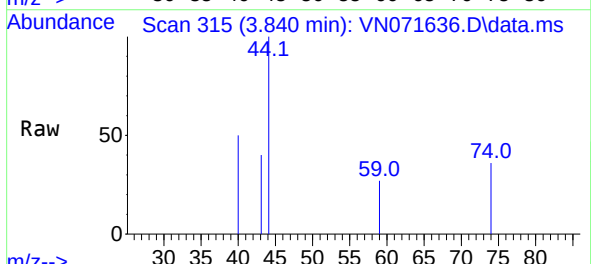
Tgt Ion:101 Resp: 131
Ion Ratio Lower Upper
101 100
103 55.9 51.5 77.3

Manual Integrations
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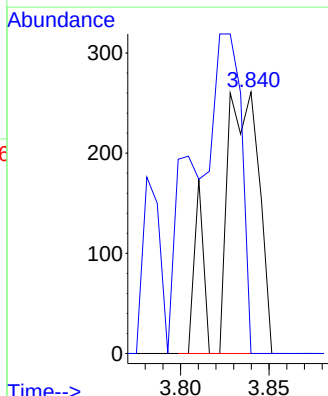
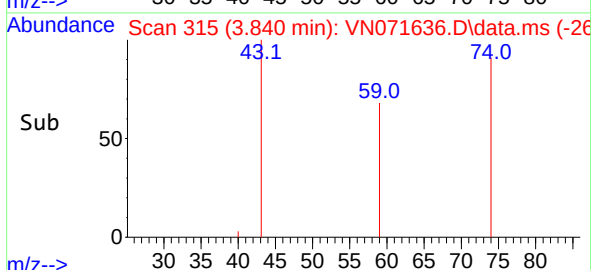
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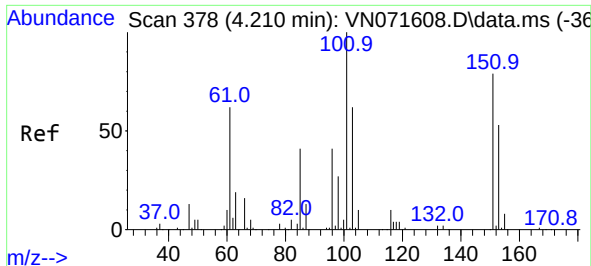


#8
Diethyl Ether
Concen: 0.092 ug/l m
RT: 3.840 min Scan# 315
Delta R.T. 0.018 min
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Acq: 29 Mar 2022 16:54



Tgt Ion: 74 Resp: 377
Ion Ratio Lower Upper
74 100
45 154.1 42.9 128.5#





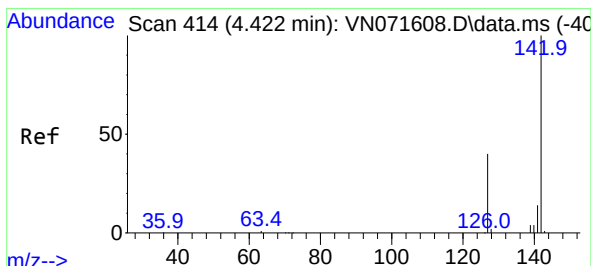
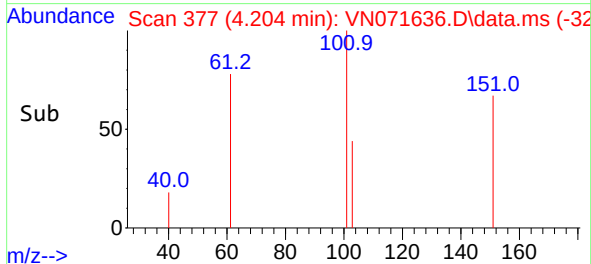
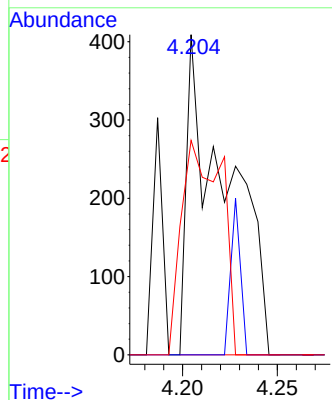
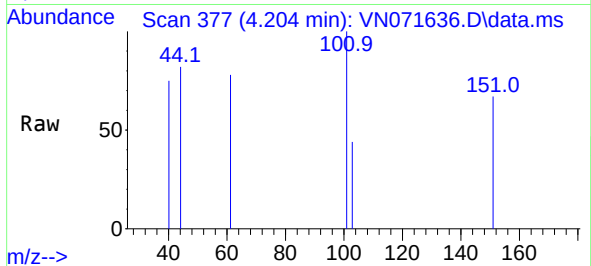
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.099 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:101 Resp: 59
Ion Ratio Lower Upper
101 100
85 0.0 34.7 52.1
151 67.6 63.0 94.4

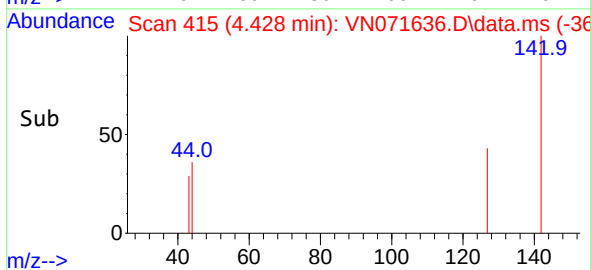
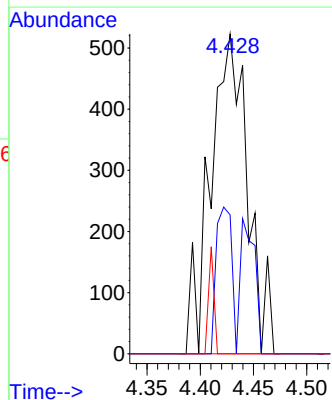
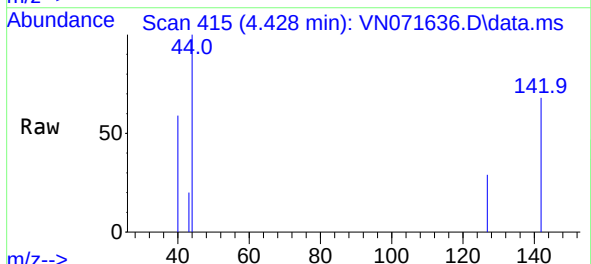
Manual Integrations
APPROVED

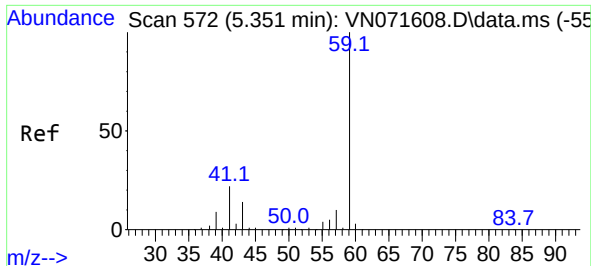
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#10
Methyl Iodide
Concen: 0.143 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

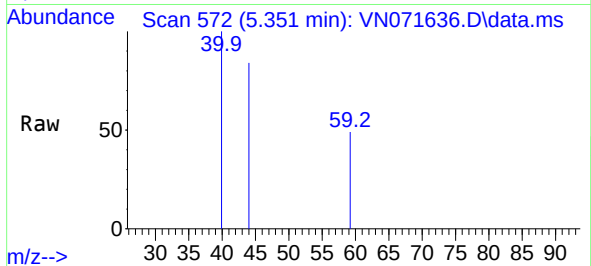
Tgt Ion:142 Resp: 1270
Ion Ratio Lower Upper
142 100
127 18.9 31.3 46.9#
141 4.9 11.2 16.8#





#11
Tert butyl alcohol
Concen: 0.383 ug/l
RT: 5.351 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

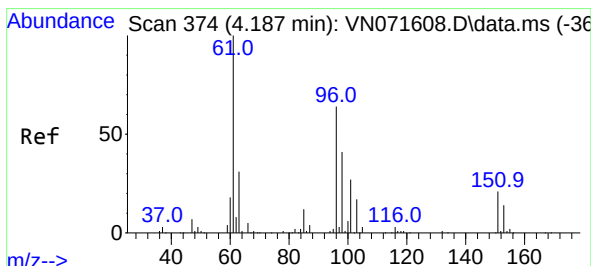
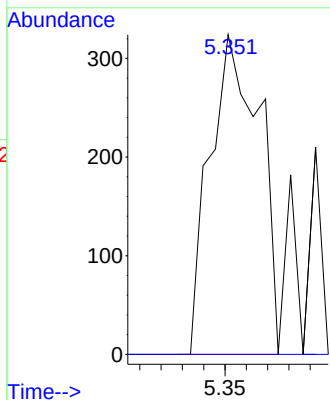
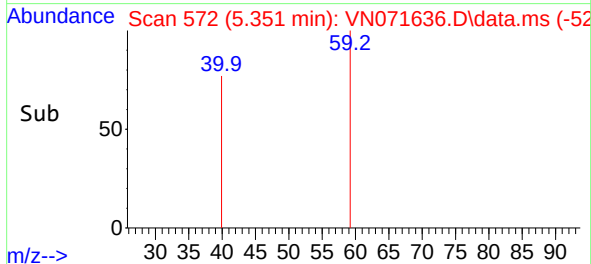
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



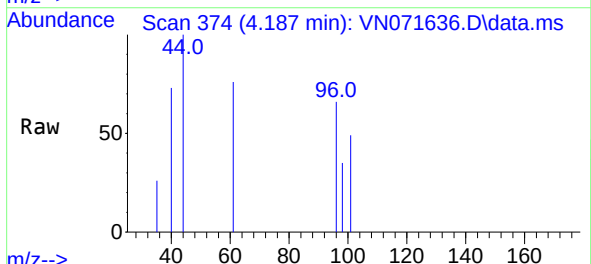
Tgt Ion: 59 Resp: 529
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

Manual Integrations
APPROVED

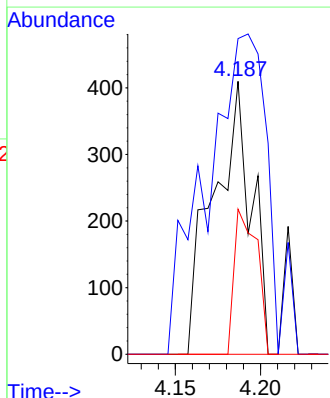
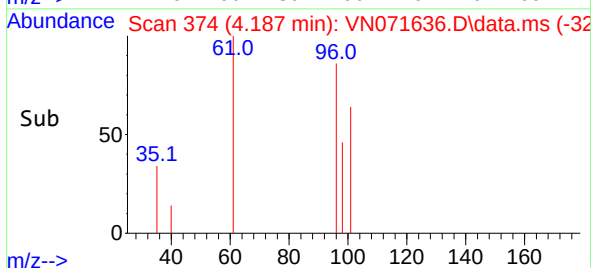
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

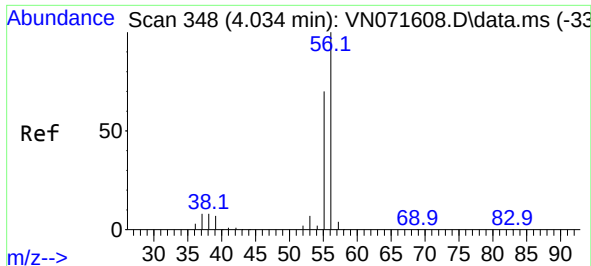


#12
1,1-Dichloroethene
Concen: 0.109 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



Tgt Ion: 96 Resp: 635
Ion Ratio Lower Upper
96 100
61 115.6 127.6 191.4#
98 53.2 51.2 76.8





#13

Acrolein

Concen: 1.256 ug/l

RT: 4.051 min Scan# 348

Delta R.T. 0.018 min

Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 56 Resp: 143

Ion Ratio Lower Upper

56 100

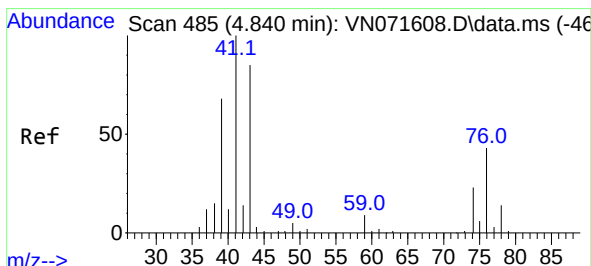
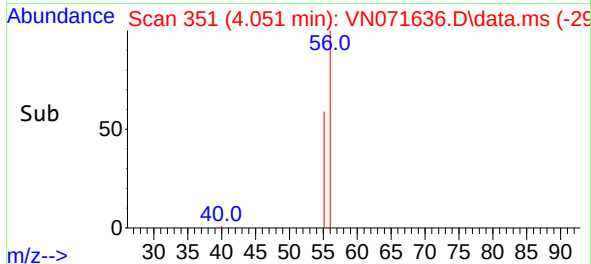
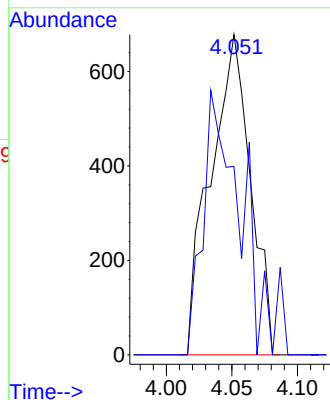
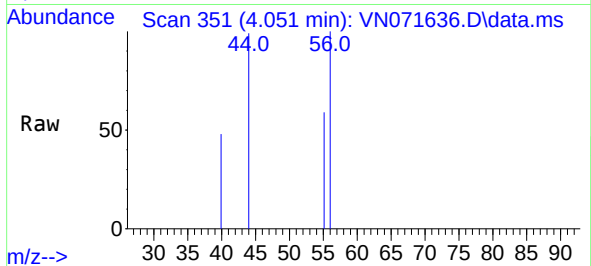
55 80.4 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#14

Allyl chloride

Concen: 0.148 ug/l

RT: 4.846 min Scan# 486

Delta R.T. 0.006 min

Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

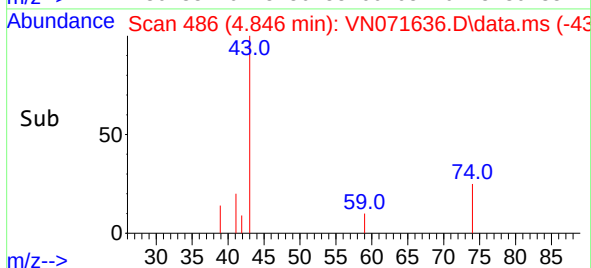
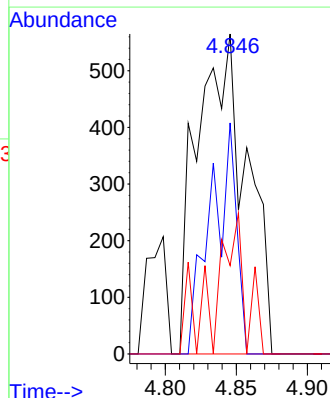
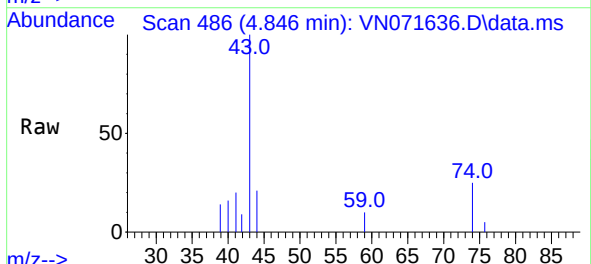
Tgt Ion: 41 Resp: 1378

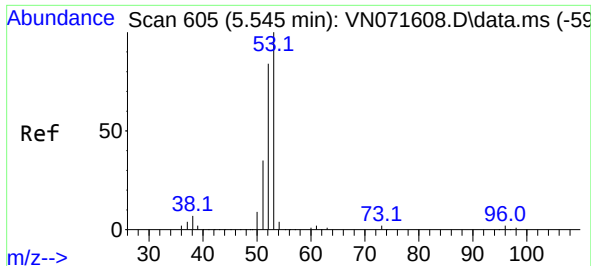
Ion Ratio Lower Upper

41 100

39 36.9 53.2 79.8#

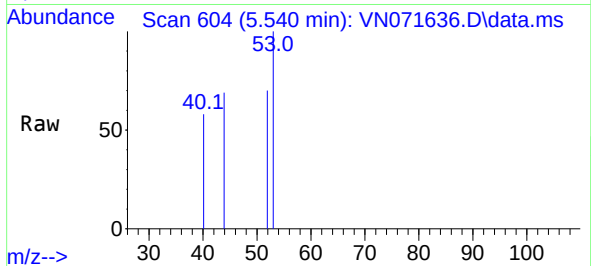
76 23.5 29.9 44.9#





#15
Acrylonitrile
Concen: 0.665 ug/l m
RT: 5.540 min Scan# 605
Delta R.T. -0.005 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

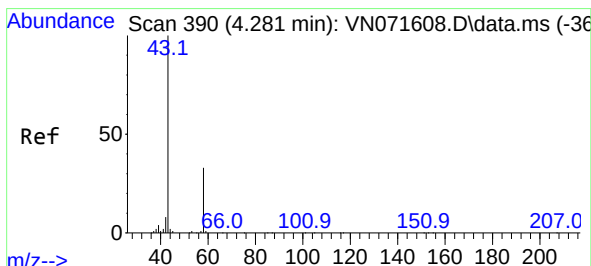
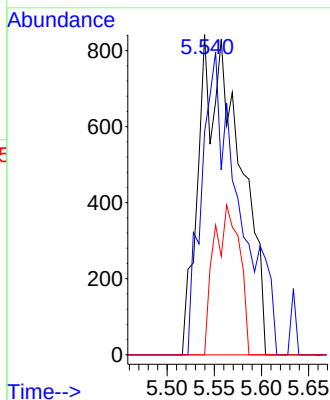
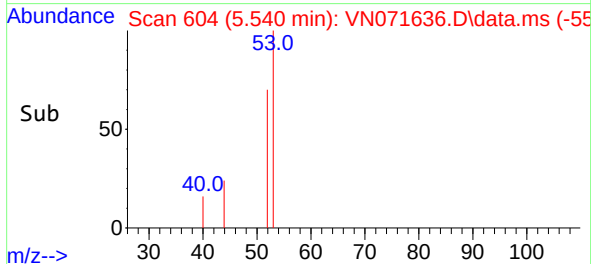
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022



Tgt Ion: 53 Resp: 2548
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6
51 0.0 28.5 42.7

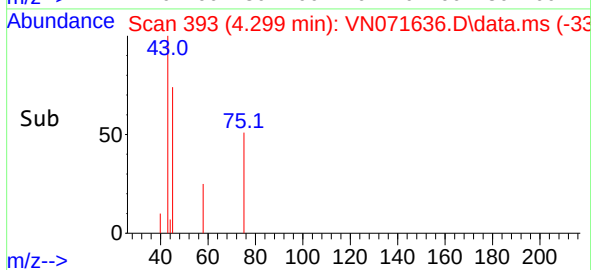
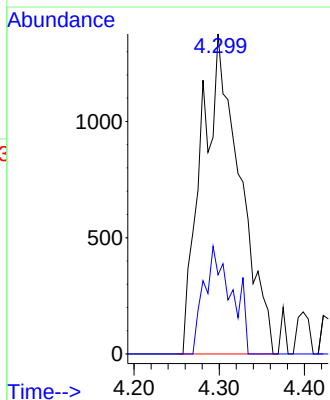
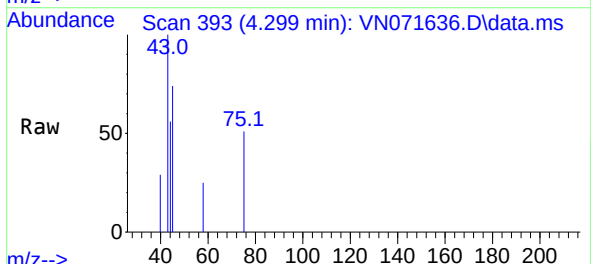
Manual Integrations
APPROVED

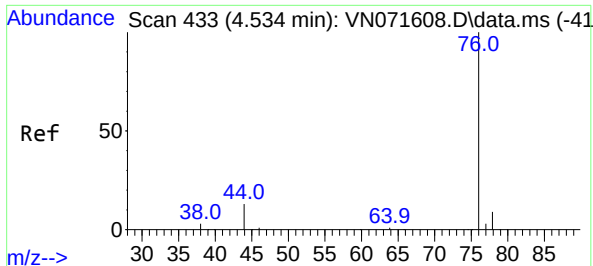
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#16
Acetone
Concen: 1.353 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

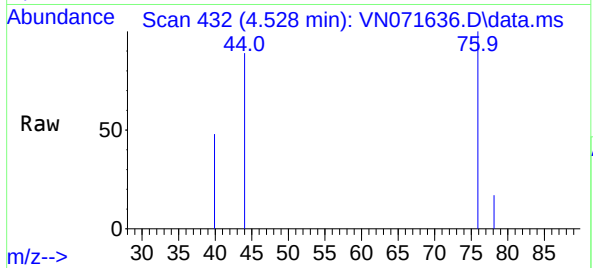
Tgt Ion: 43 Resp: 4332
Ion Ratio Lower Upper
43 100
58 24.8 26.0 39.0





#17
Carbon Disulfide
Concen: 0.225 ug/l m
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

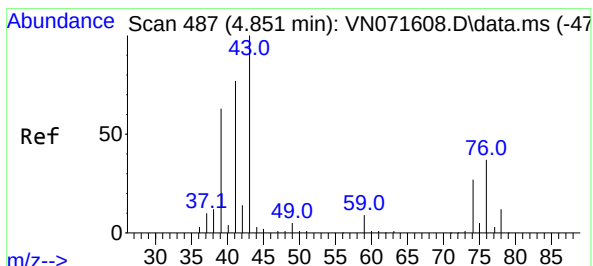
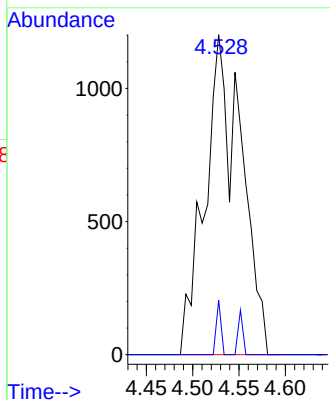
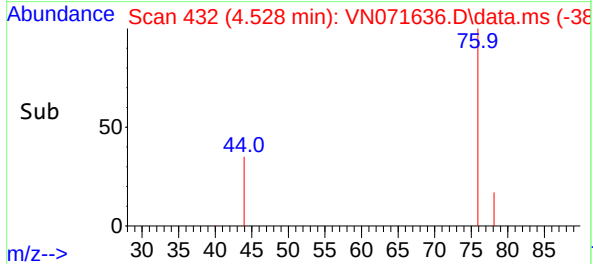
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



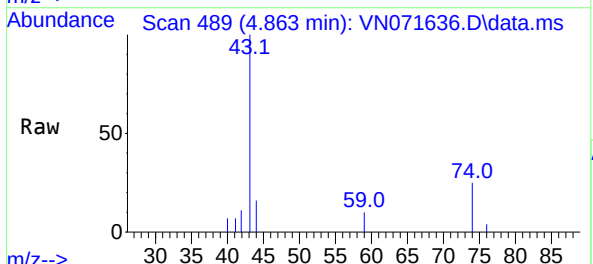
Tgt Ion: 76 Resp: 3260
Ion Ratio Lower Upper
76 100
78 17.1 7.2 10.8

Manual Integrations
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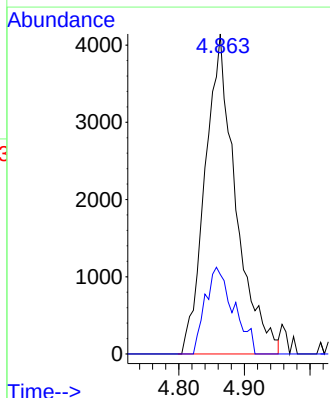
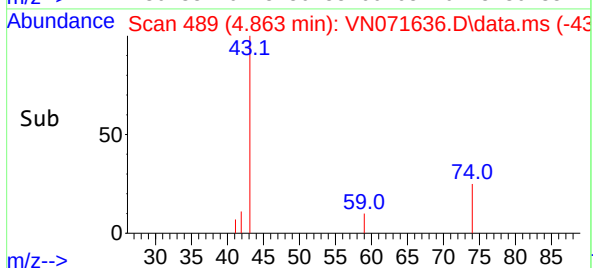
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

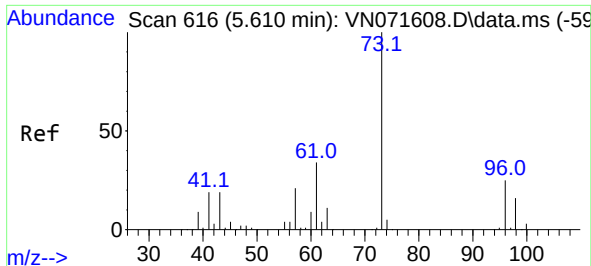


#18
Methyl Acetate
Concen: 1.358 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



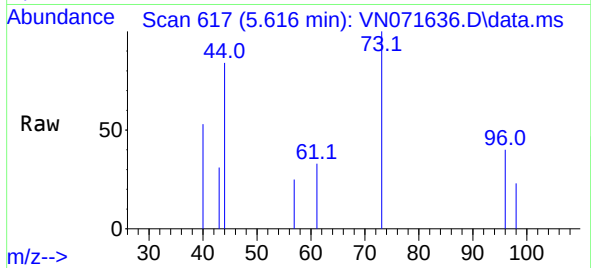
Tgt Ion: 43 Resp: 13442
Ion Ratio Lower Upper
43 100
74 25.0 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 0.116 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

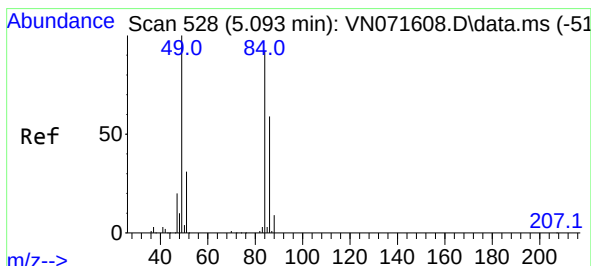
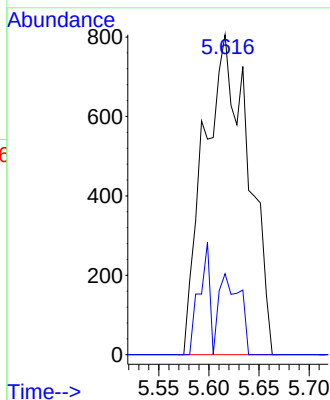
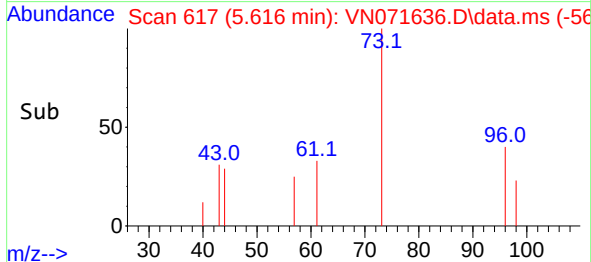
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



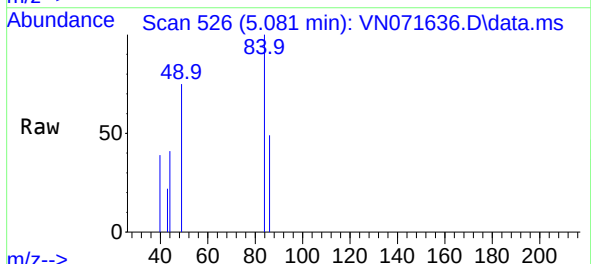
Tgt Ion: 73 Resp: 2472
Ion Ratio Lower Upper
73 100
57 25.3 17.6 26.4

Manual Integrations
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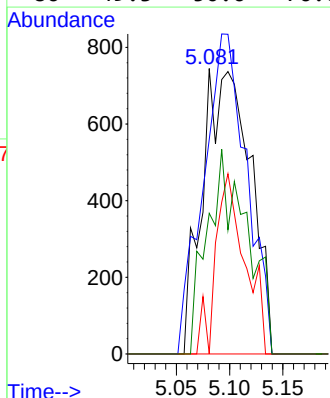
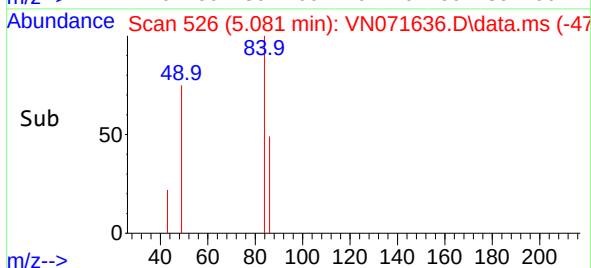
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

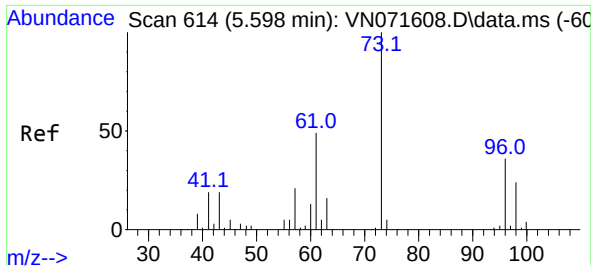


#20
Methylene Chloride
Concen: 0.330 ug/l
RT: 5.081 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



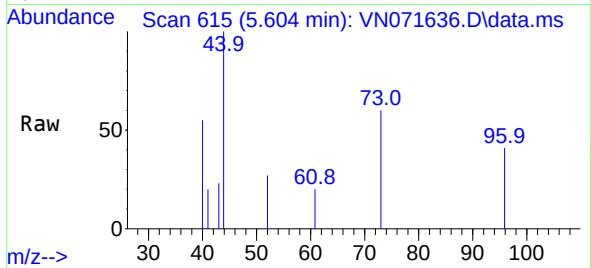
Tgt Ion: 84 Resp: 2333
Ion Ratio Lower Upper
84 100
49 75.2 88.3 132.5#
51 0.0 28.2 42.2#
86 49.3 50.6 76.0#





#21
trans-1,2-Dichloroethene
Concen: 0.125 ug/l m
RT: 5.604 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

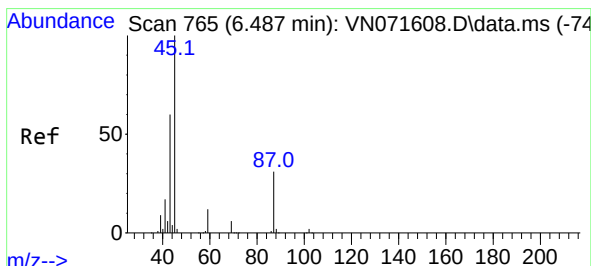
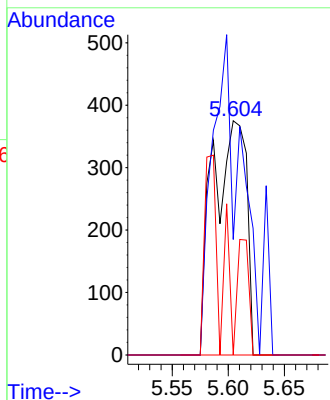
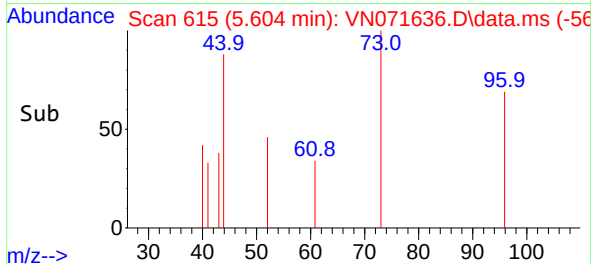
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



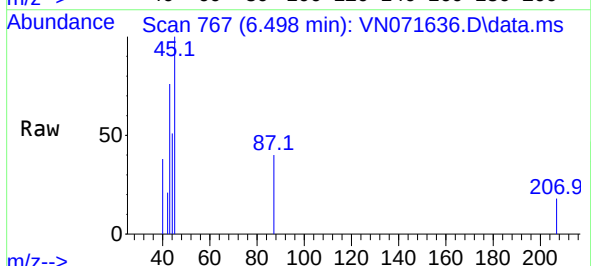
Tgt Ion: 96 Resp: 778
Ion Ratio Lower Upper
96 100
61 49.3 105.8 158.8#
98 0.0 50.3 75.5#

Manual Integrations
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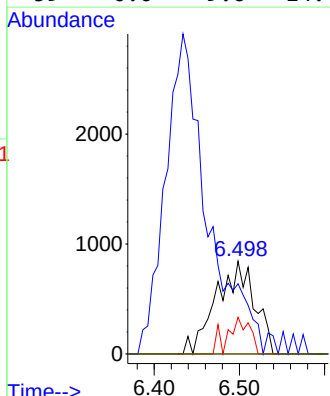
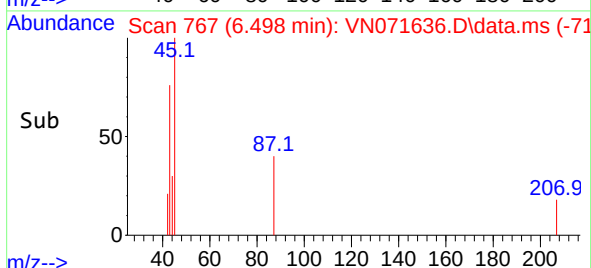
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

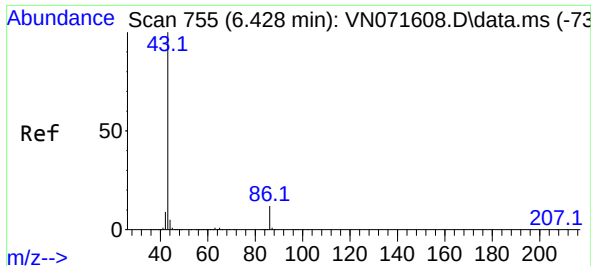


#22
Diisopropyl ether
Concen: 0.133 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.011 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



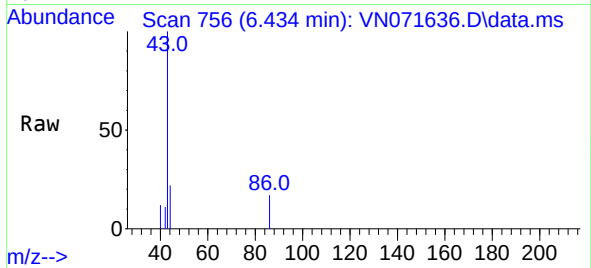
Tgt Ion: 45 Resp: 2634
Ion Ratio Lower Upper
45 100
43 75.8 46.6 70.0#
87 39.6 24.3 36.5#
59 0.0 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 0.596 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071636.D
 Acq: 29 Mar 2022 16:54

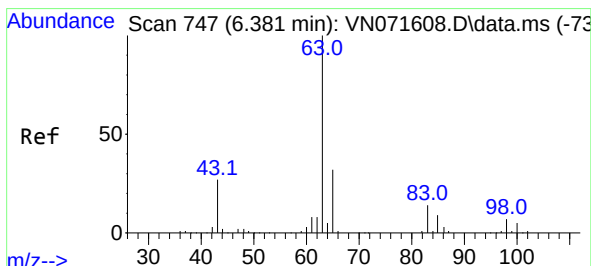
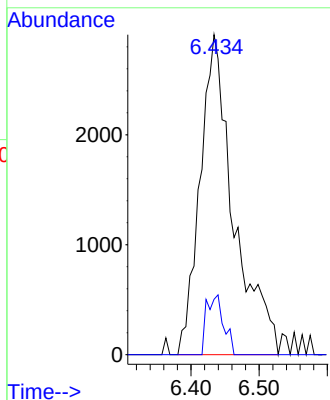
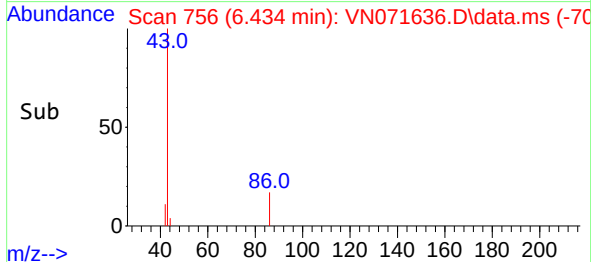
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022



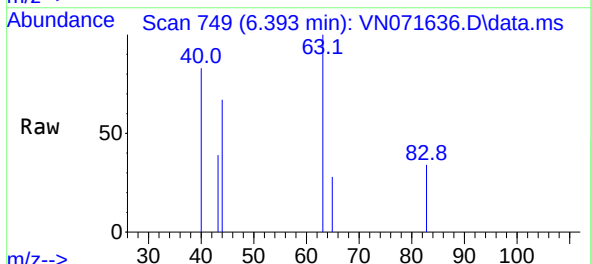
Tgt Ion: 43 Resp: 998
 Ion Ratio Lower Upper
 43 100
 86 17.3 10.0 15.0

Manual Integrations
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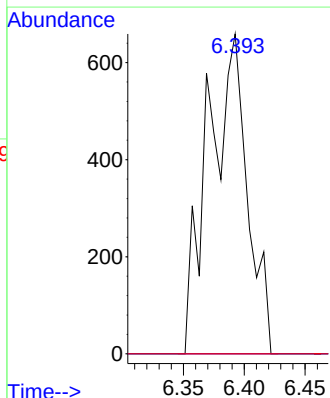
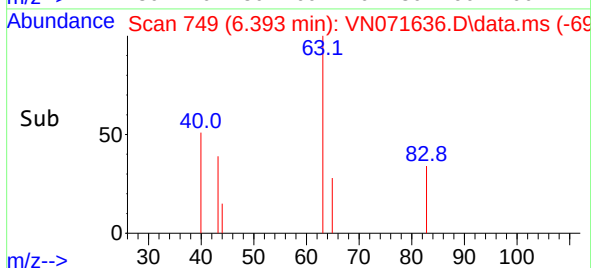
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022

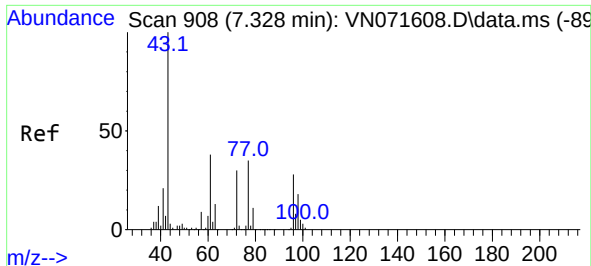


#24
 1,1-Dichloroethane
 Concen: 0.125 ug/l
 RT: 6.393 min Scan# 749
 Delta R.T. 0.012 min
 Lab File: VN071636.D
 Acq: 29 Mar 2022 16:54



Tgt Ion: 63 Resp: 1475
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 0.765 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 43 Resp: 381

Ion Ratio Lower Upper

43 100

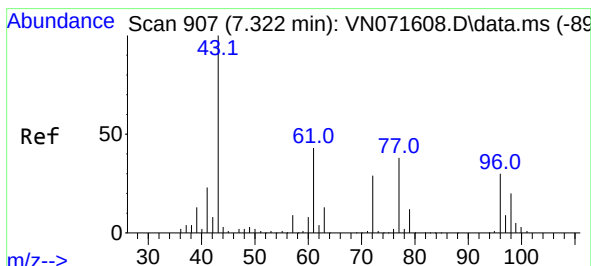
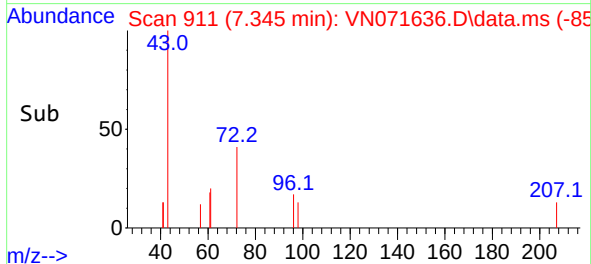
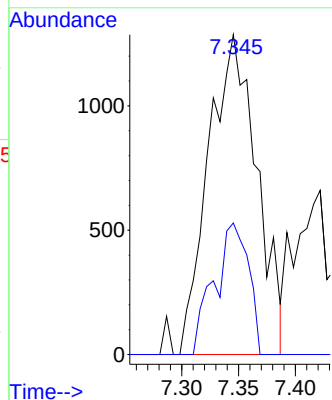
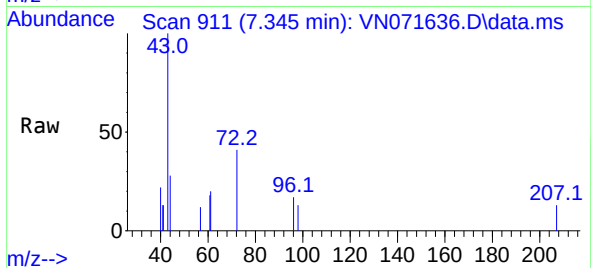
72 41.1 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#26

2,2-Dichloropropane

Concen: 0.122 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071636.D

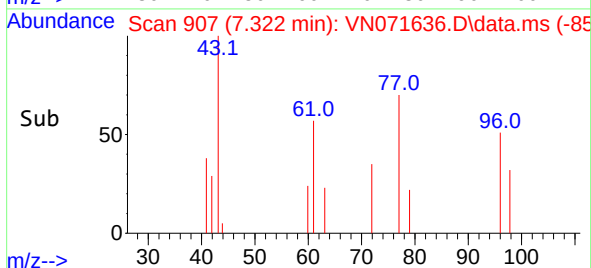
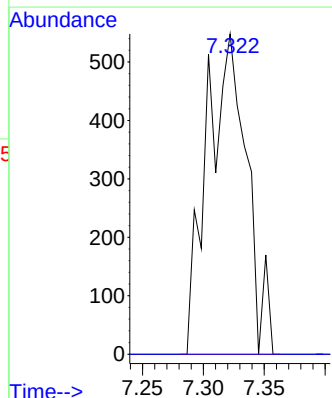
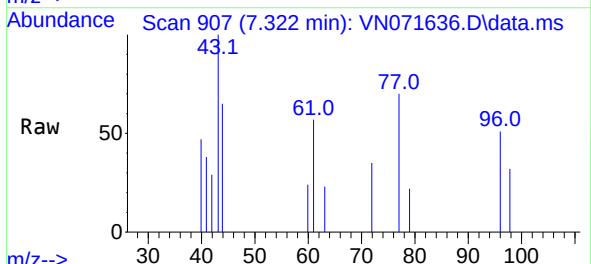
Acq: 29 Mar 2022 16:54

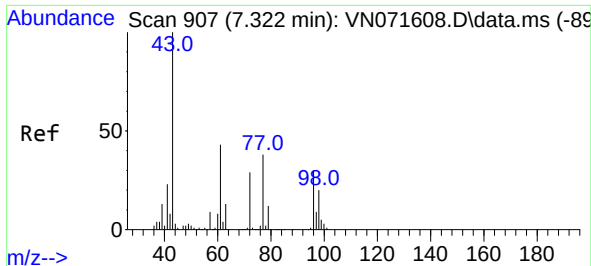
Tgt Ion: 77 Resp: 1243

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#27

cis-1,2-Dichloroethene

Concen: 0.139 ug/l

RT: 7.316 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071636.D

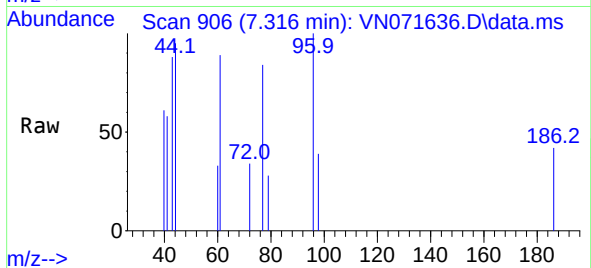
Acq: 29 Mar 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022



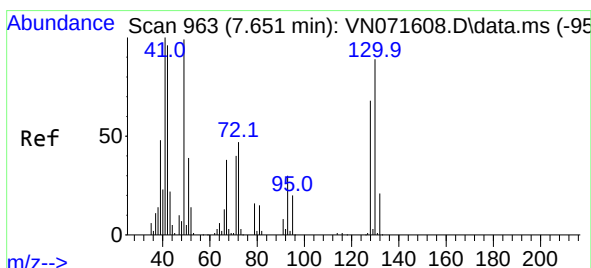
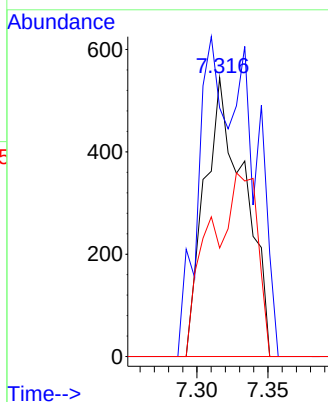
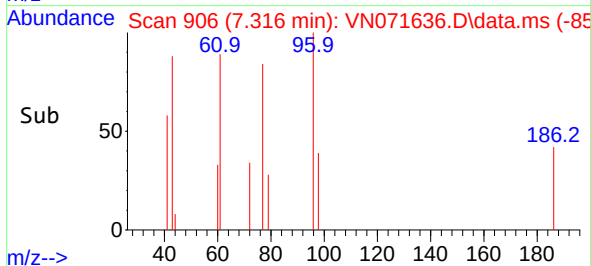
Tgt Ion:	96	Resp:	1060
Ion	Ratio	Lower	Upper
96	100		
61	81.5	0.0	280.6
98	77.9	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#28

Bromochloromethane

Concen: 0.106 ug/l

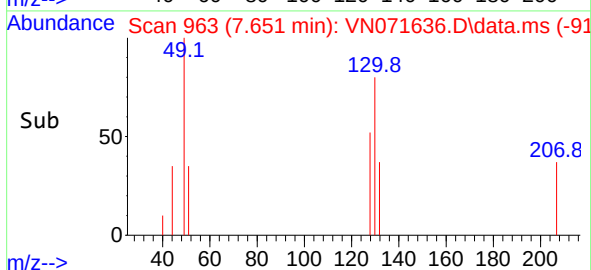
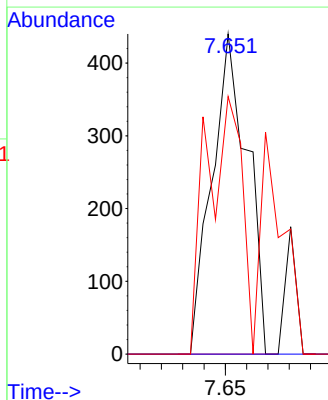
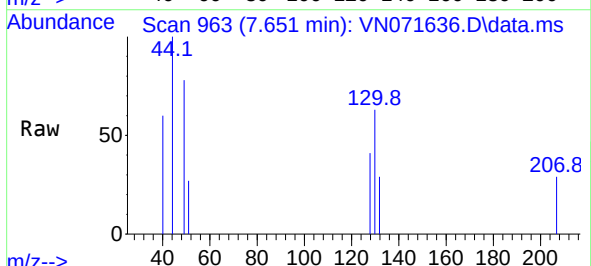
RT: 7.651 min Scan# 963

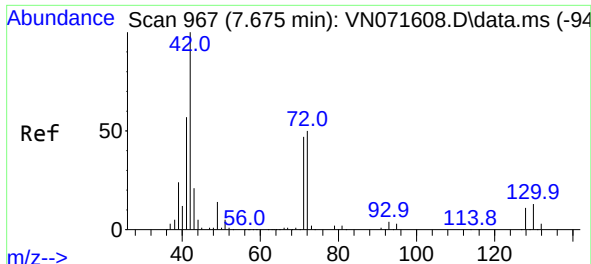
Delta R.T. 0.000 min

Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

Tgt Ion:	49	Resp:	508
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	80.3	69.7	104.5





#29

Tetrahydrofuran

Concen: 0.698 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN071636.D

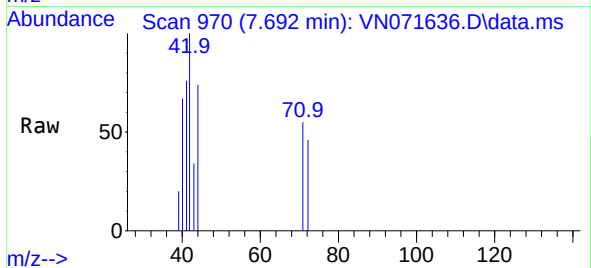
Acq: 29 Mar 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion: 42 Resp: 225

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5

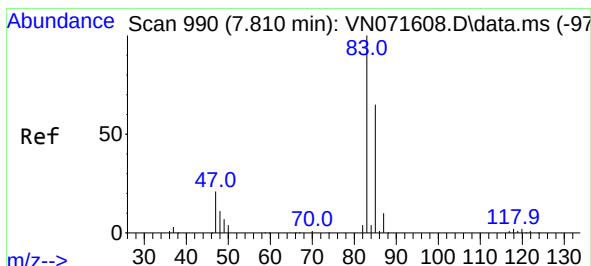
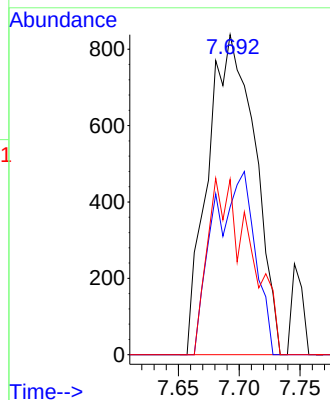
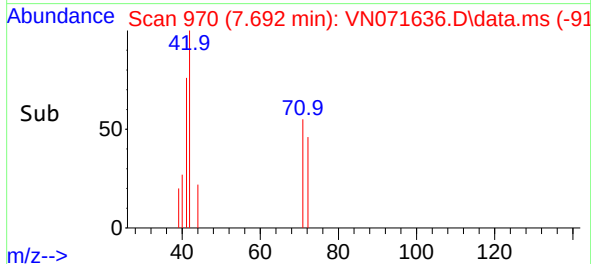
71 50.0 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#30

Chloroform

Concen: 0.149 ug/l

RT: 7.822 min Scan# 992

Delta R.T. 0.012 min

Lab File: VN071636.D

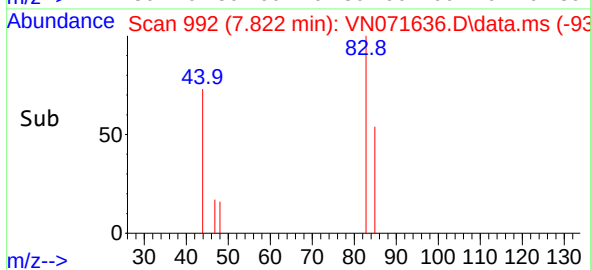
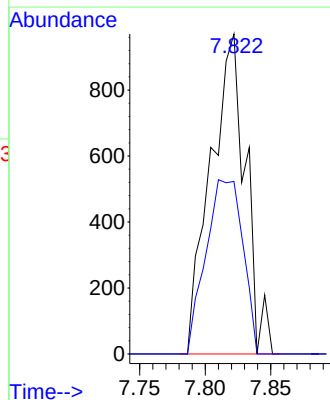
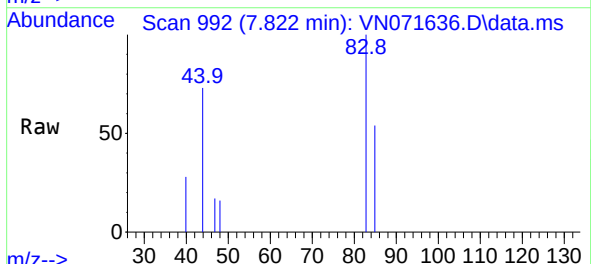
Acq: 29 Mar 2022 16:54

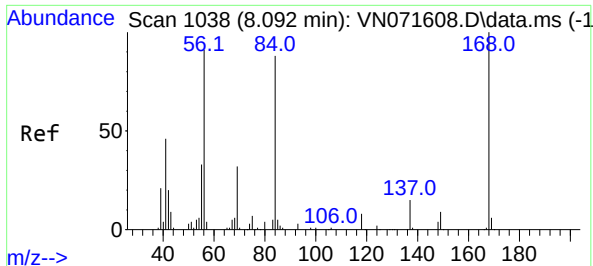
Tgt Ion: 83 Resp: 1800

Ion Ratio Lower Upper

83 100

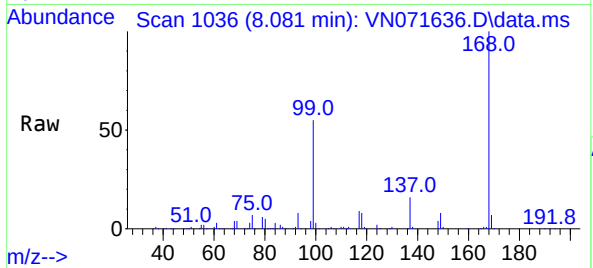
85 53.9 51.8 77.8





#31
Cyclohexane
Concen: 1.197 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

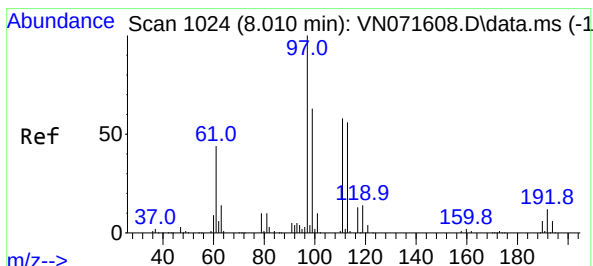
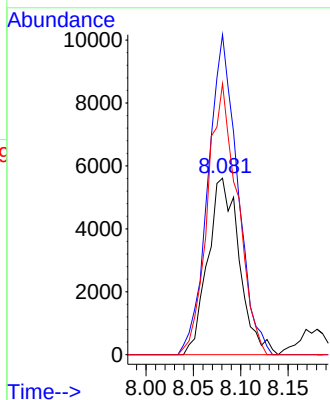
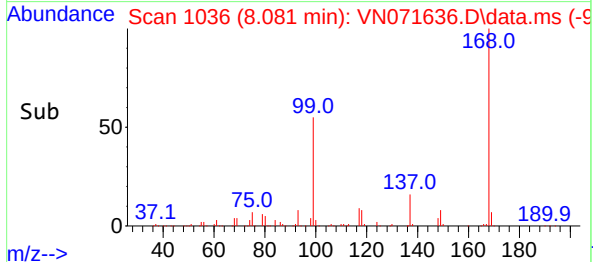
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



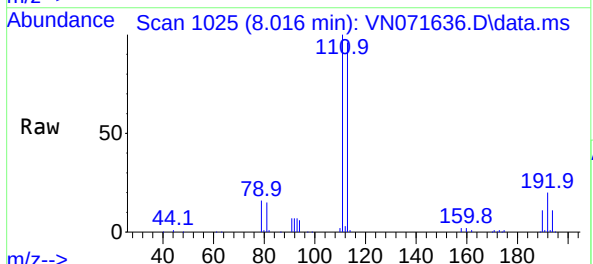
Tgt Ion: 56 Resp: 1298
Ion Ratio Lower Upper
56 100
69 181.4 27.8 41.8
84 153.6 76.9 115.3

Manual Integrations
APPROVED

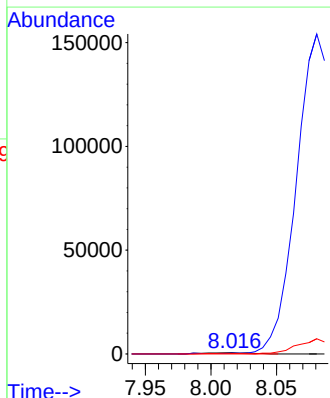
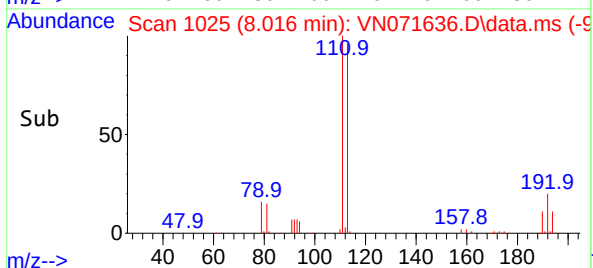
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

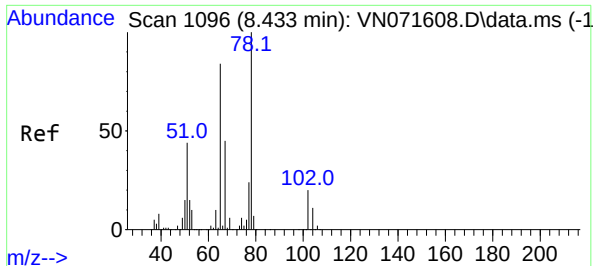


#32
1,1,1-Trichloroethane
Concen: 0.143 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



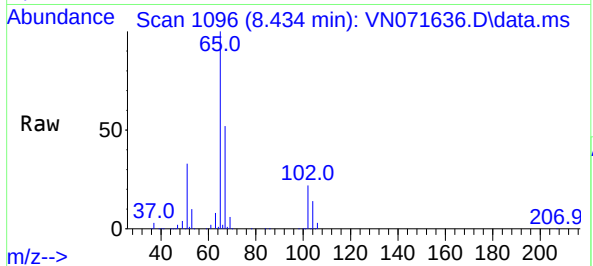
Tgt Ion: 97 Resp: 1503
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0
61 38.2 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 52.707 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.001 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

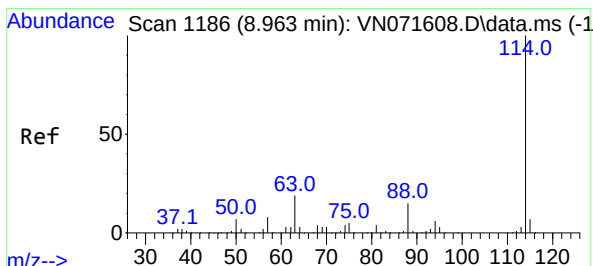
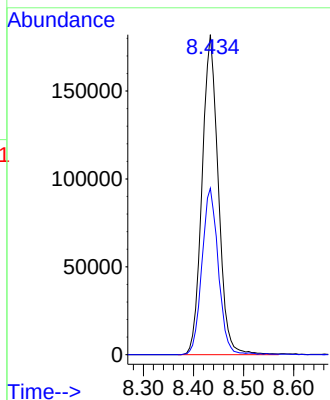
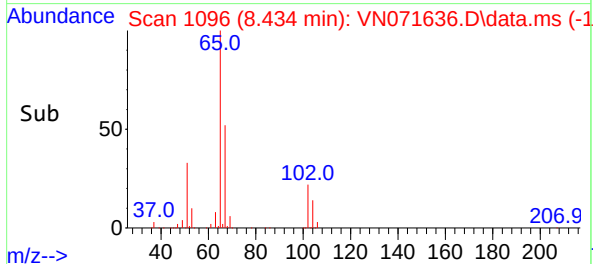
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 65 Resp: 409430
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

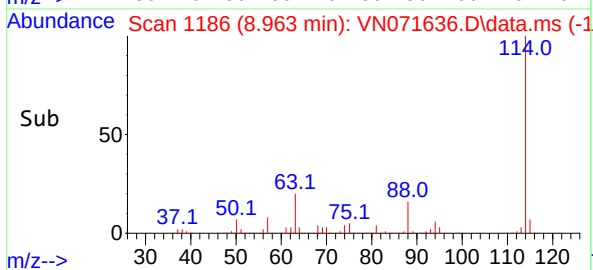
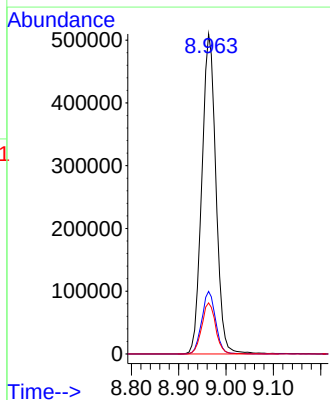
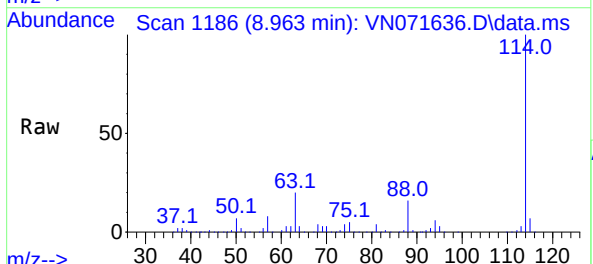
Manual Integrations
APPROVED

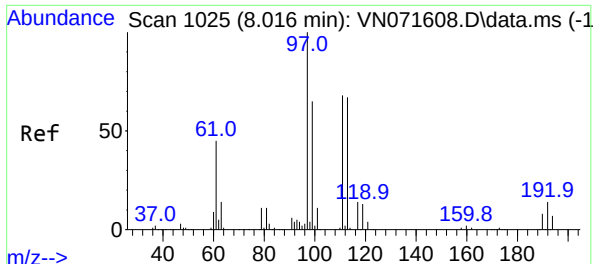
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

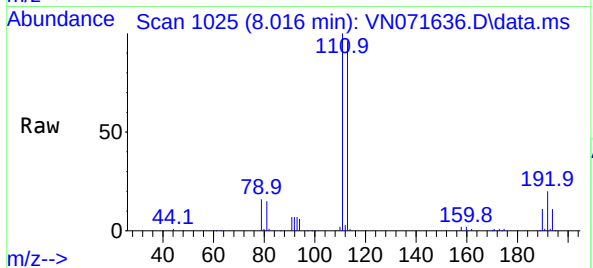
Tgt Ion:114 Resp: 1051754
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.037 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

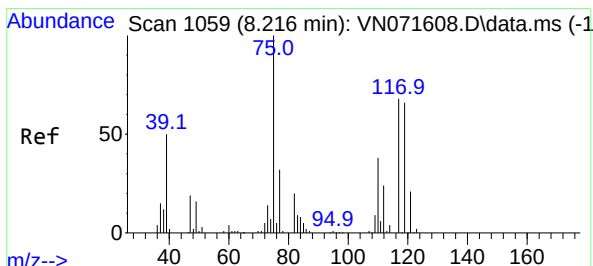
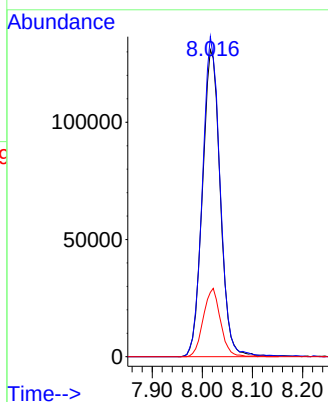
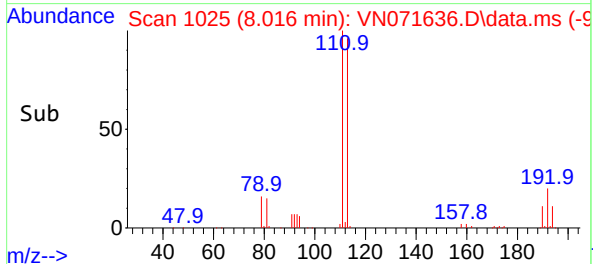
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



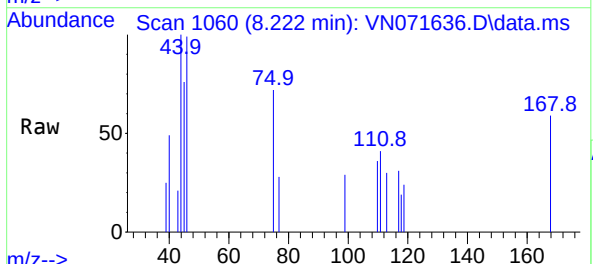
Tgt Ion:113 Resp: 323208
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 21.4 17.0 25.6

Manual Integrations
APPROVED

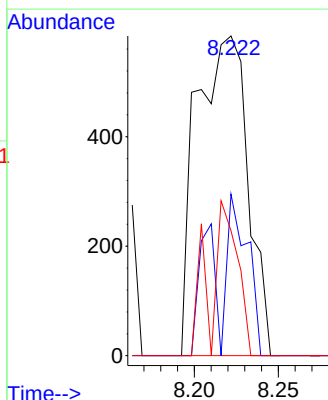
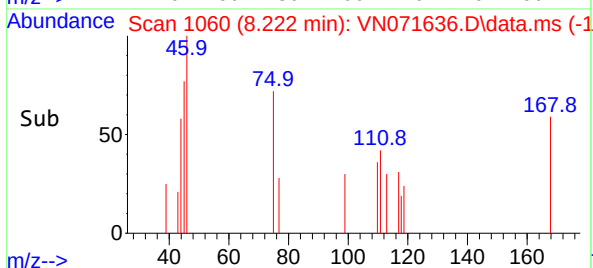
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

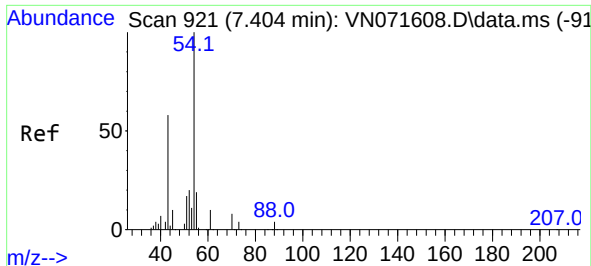


#36
1,1-Dichloropropene
Concen: 0.134 ug/l m
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



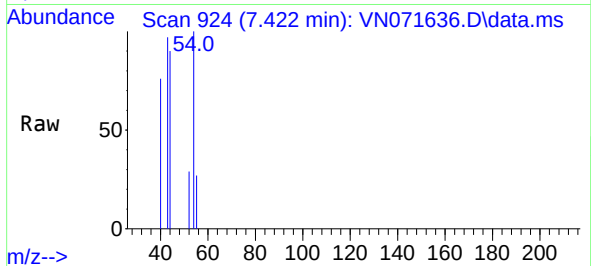
Tgt Ion: 75 Resp: 1244
Ion Ratio Lower Upper
75 100
110 278.9 18.3 54.8#
77 0.0 25.1 37.7#





#37
Ethyl Acetate
Concen: 0.142 ug/l
RT: 7.422 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

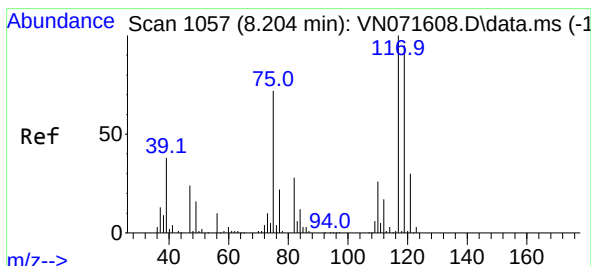
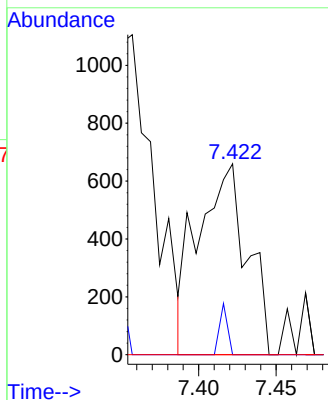
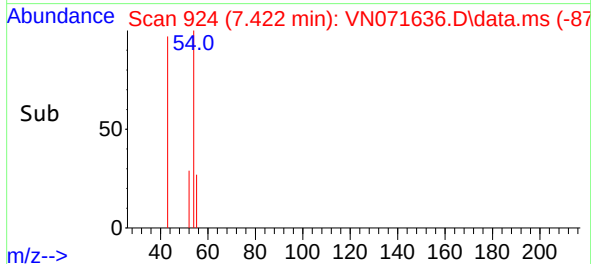
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6
70 0.0 9.3 13.9

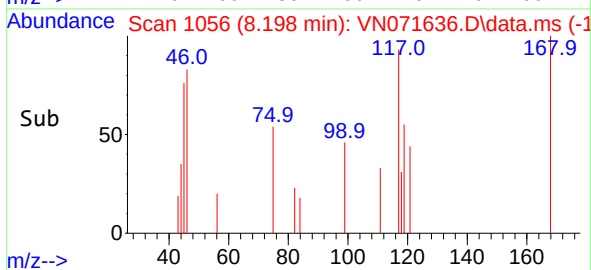
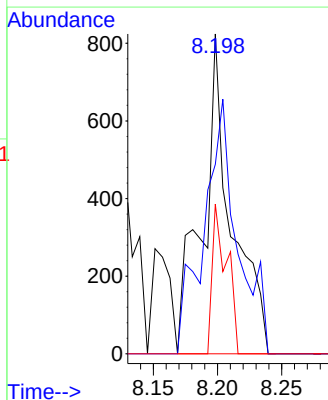
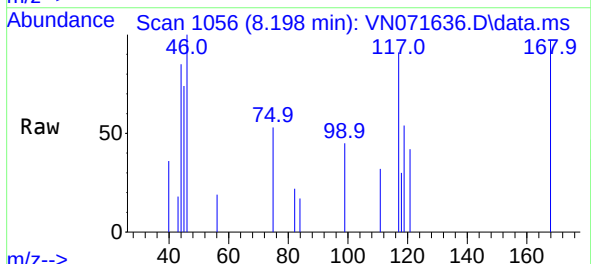
Manual Integrations
APPROVED

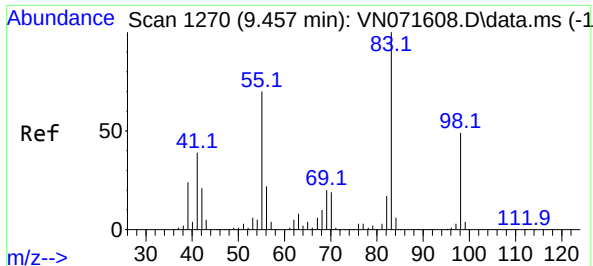
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#38
Carbon Tetrachloride
Concen: 0.141 ug/l m
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

Tgt Ion:117 Resp: 1296
Ion Ratio Lower Upper
117 100
119 59.2 75.8 113.8#
121 46.8 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.121 ug/l

RT: 9.463 min Scan# 1099

Delta R.T. 0.006 min

Lab File: VN071636.D

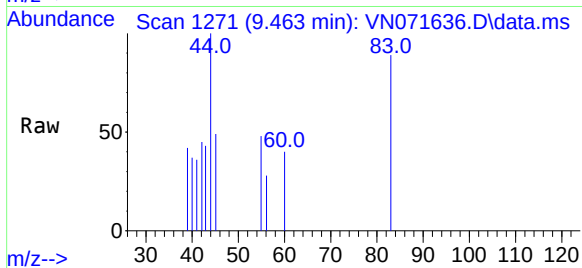
Acq: 29 Mar 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion: 83 Resp: 1380

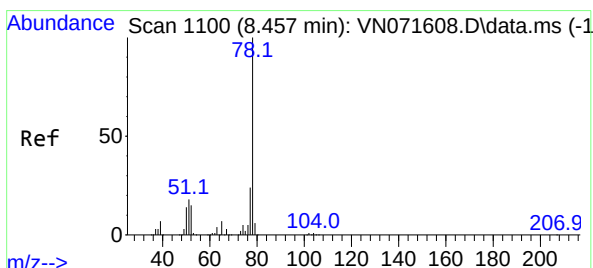
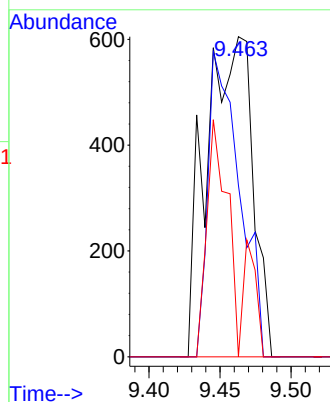
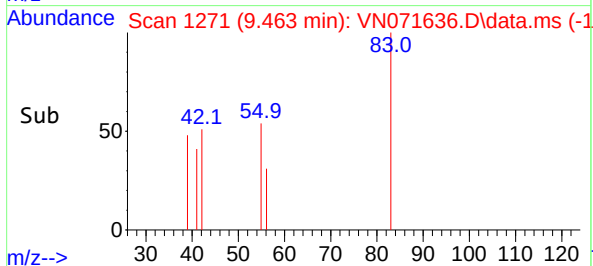
Ion	Ratio	Lower	Upper
83	100		
55	53.6	57.8	86.8
98	0.0	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#40

Benzene

Concen: 0.154 ug/l

RT: 8.451 min Scan# 1099

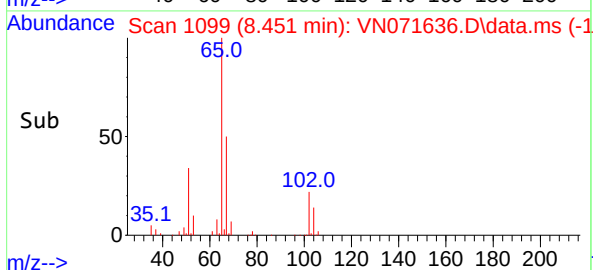
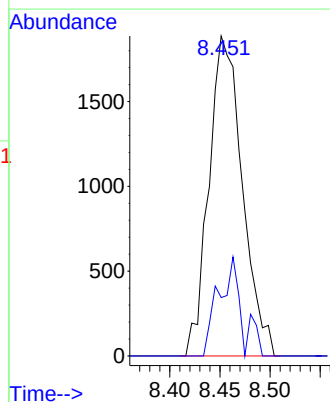
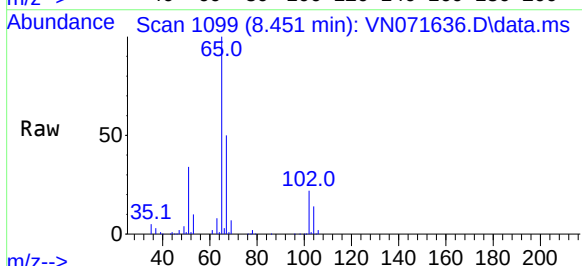
Delta R.T. -0.006 min

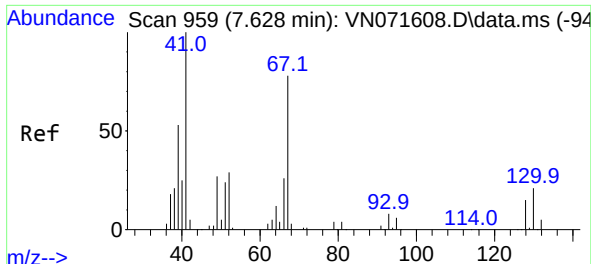
Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

Tgt Ion: 78 Resp: 4380

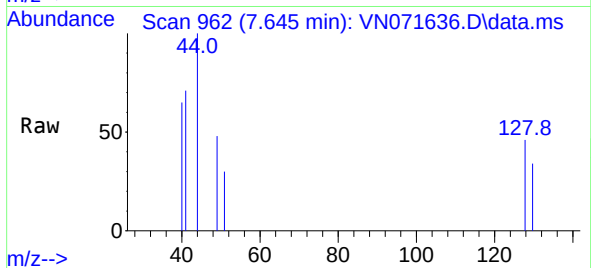
Ion	Ratio	Lower	Upper
78	100		
77	18.2	19.4	29.0





#41
Methacrylonitrile
Concen: 0.123 ug/l
RT: 7.645 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

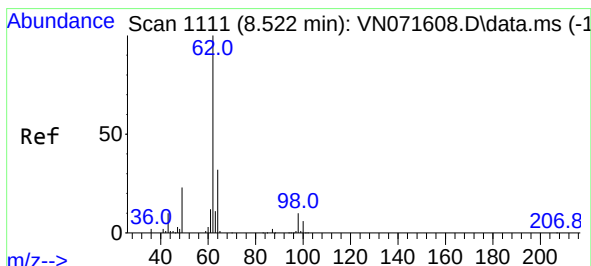
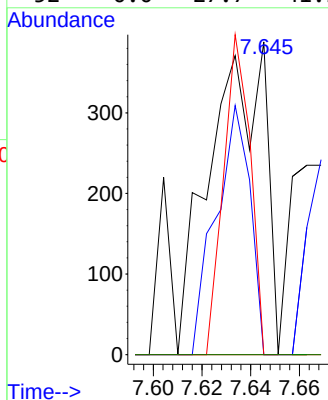
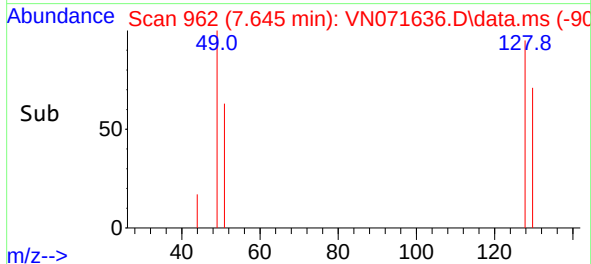
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 41 Resp: 600
Ion Ratio Lower Upper
41 100
39 49.8 48.6 73.0
67 49.7 73.4 110.2
52 0.0 27.7 41.5#

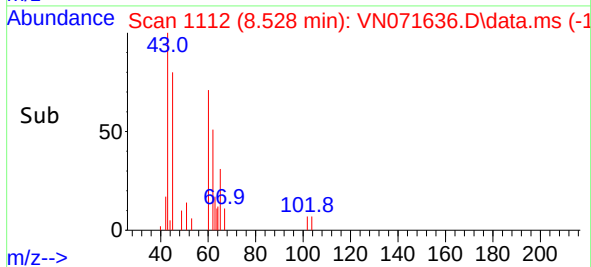
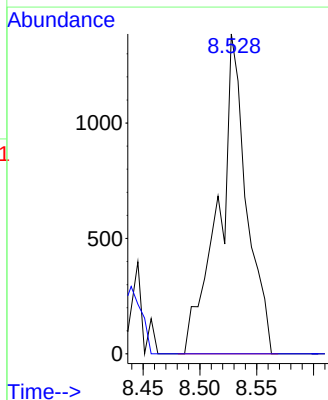
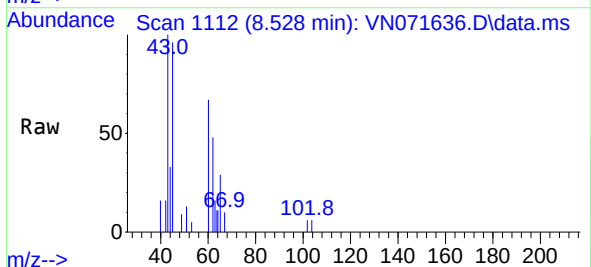
Manual Integrations
APPROVED

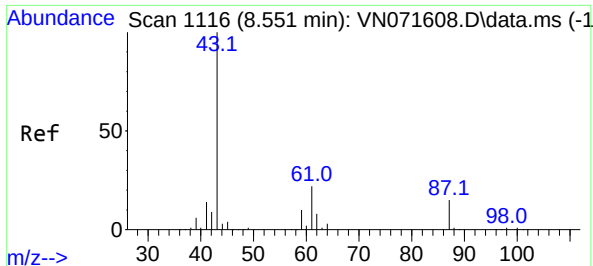
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#42
1,2-Dichloroethane
Concen: 0.240 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

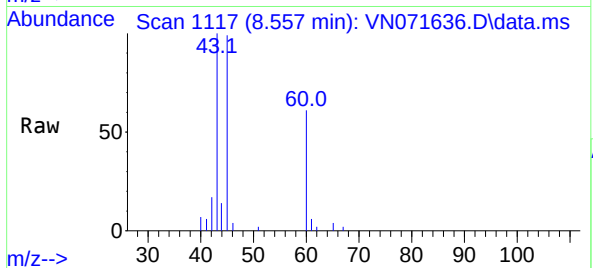
Tgt Ion: 62 Resp: 2367
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 1.254 ug/l m
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

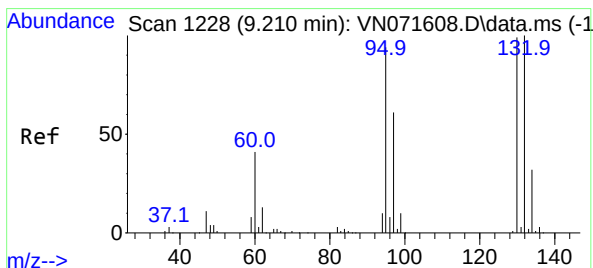
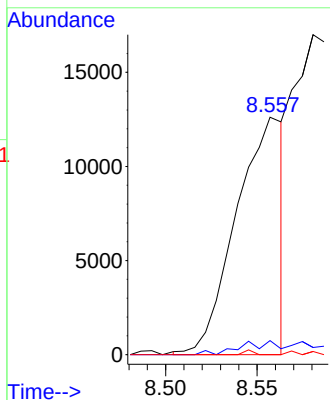
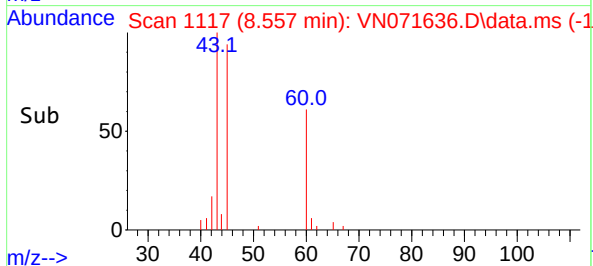
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 43 Resp: 22590
Ion Ratio Lower Upper
43 100
61 3.0 21.9 32.9
87 0.0 12.0 18.0

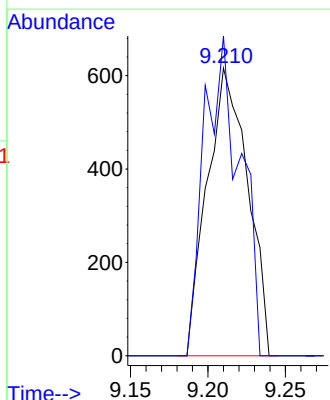
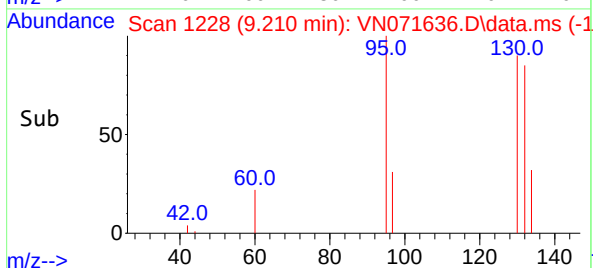
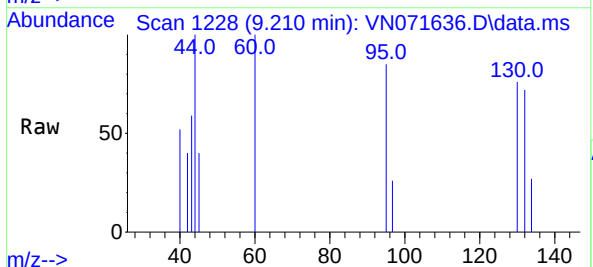
Manual Integrations
APPROVED

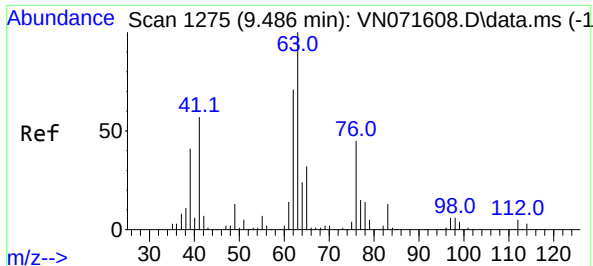
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#44
Trichloroethene
Concen: 0.149 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

Tgt Ion:130 Resp: 1118
Ion Ratio Lower Upper
130 100
95 111.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.105 ug/l

RT: 9.492 min Scan# 1276

Delta R.T. 0.006 min

Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

Instrument :

MSVOA_N

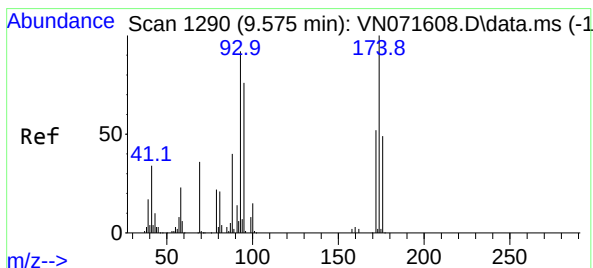
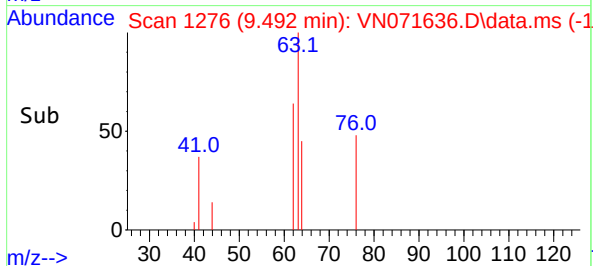
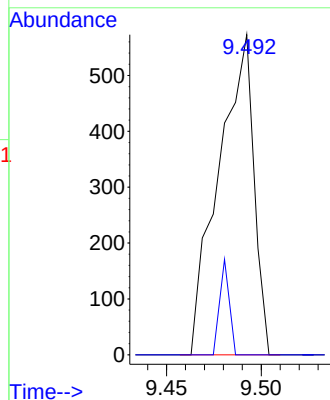
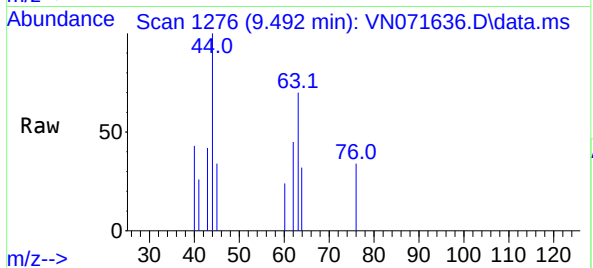
ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 63 Resp: 738
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#46

Dibromomethane

Concen: 0.157 ug/l

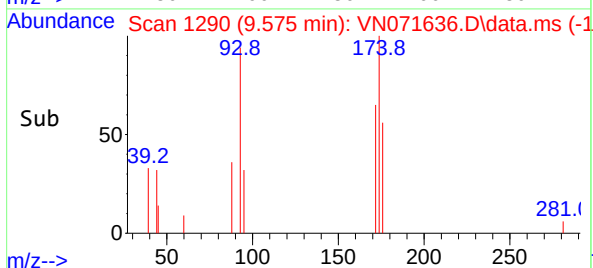
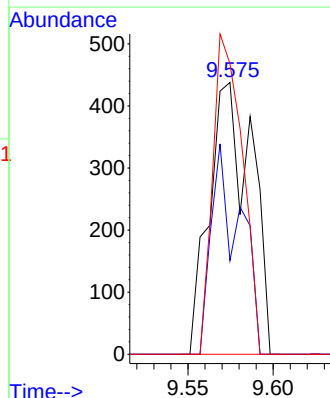
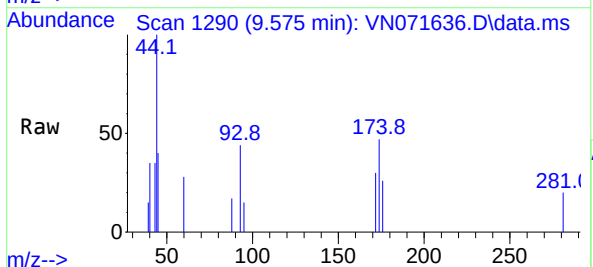
RT: 9.575 min Scan# 1290

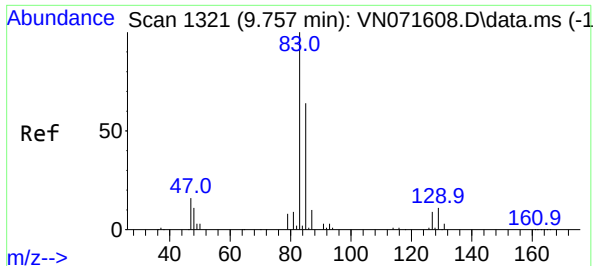
Delta R.T. -0.000 min

Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

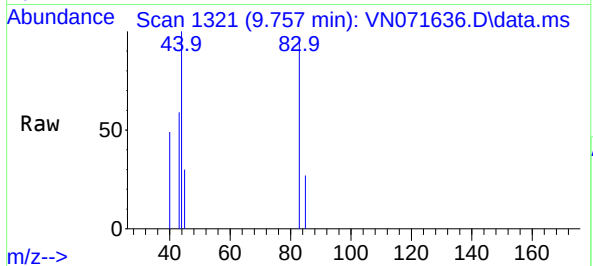
Tgt Ion: 93 Resp: 753
 Ion Ratio Lower Upper
 93 100
 95 52.7 66.9 100.3#
 174 82.9 86.6 130.0#





#47
Bromodichloromethane
Concen: 0.140 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

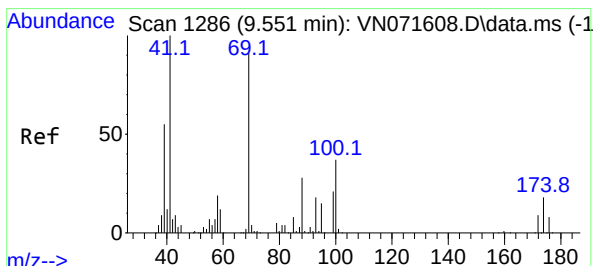
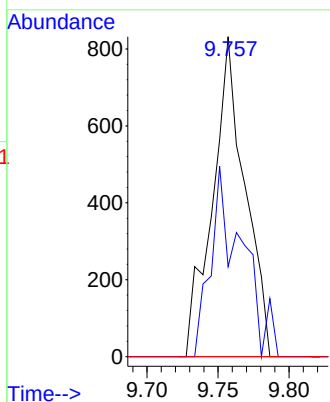
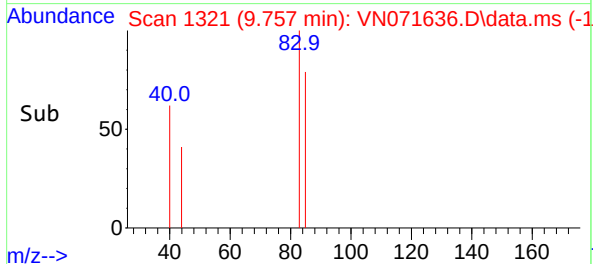
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



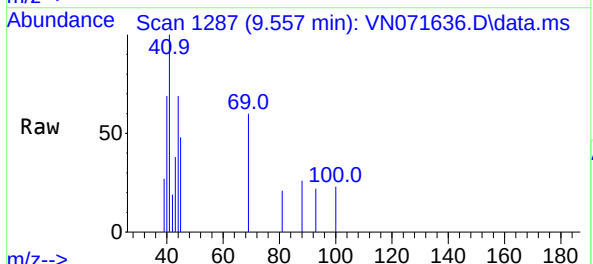
Tgt Ion: 83 Resp: 1321
Ion Ratio Lower Upper
83 100
85 28.1 50.5 75.7
127 0.0 6.8 10.2

Manual Integrations
APPROVED

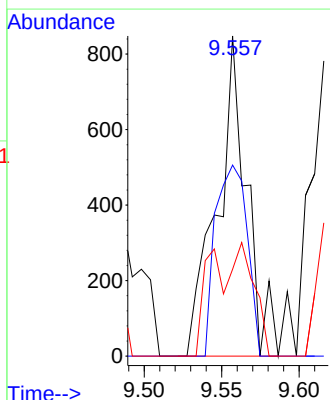
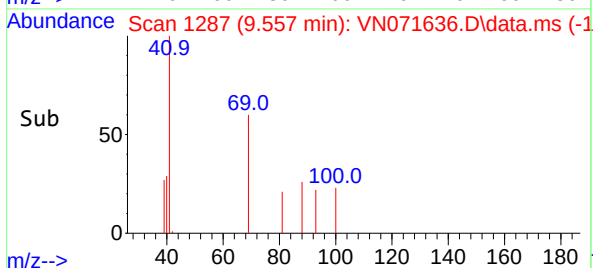
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

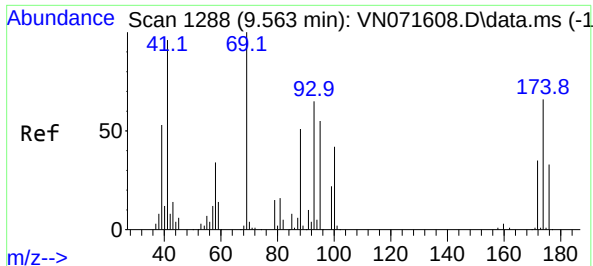


#48
Methyl methacrylate
Concen: 0.154 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



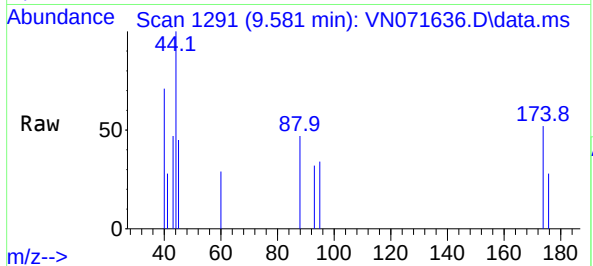
Tgt Ion: 41 Resp: 1127
Ion Ratio Lower Upper
41 100
69 63.9 74.7 112.1#
39 22.0 45.6 68.4#





#49
1,4-Dioxane
Concen: 2.540 ug/l
RT: 9.581 min Scan# 1288
Delta R.T. 0.018 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

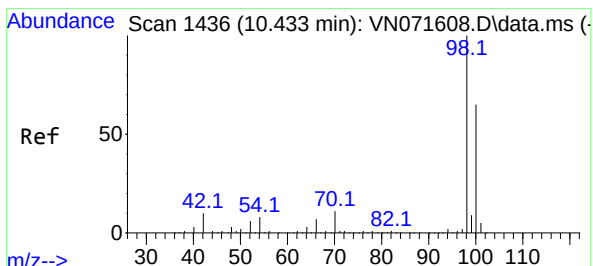
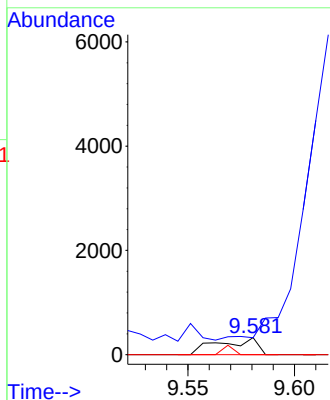
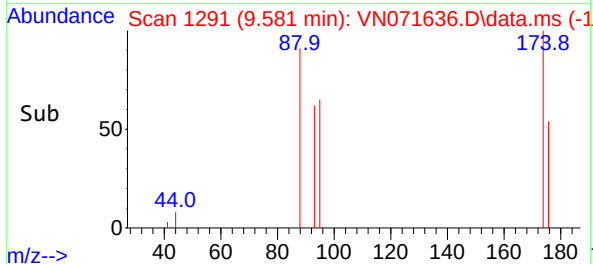
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 88 Resp: 409
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4
58 15.4 54.2 81.4

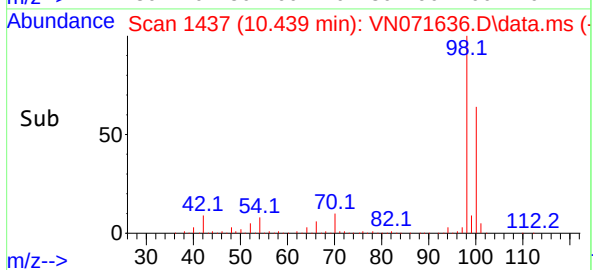
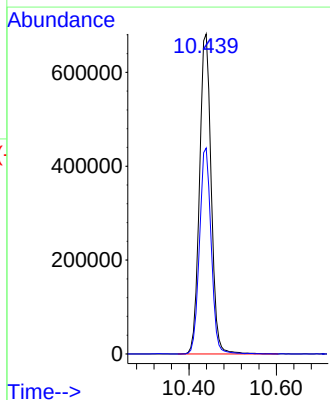
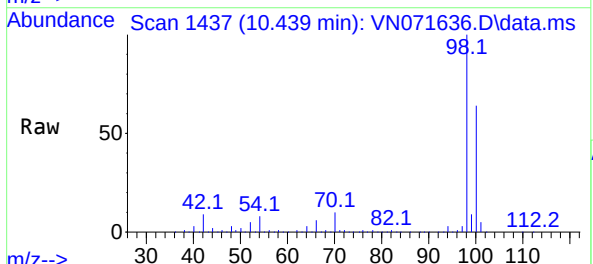
Manual Integrations
APPROVED

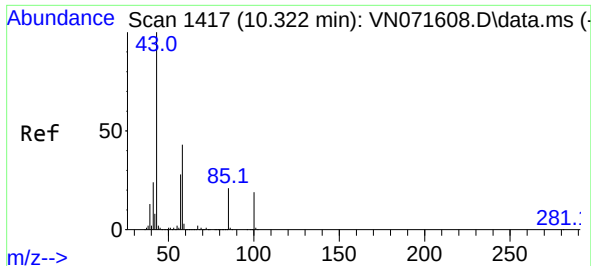
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#50
Toluene-d8
Concen: 47.603 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

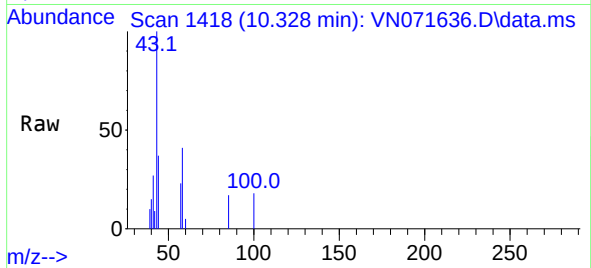
Tgt Ion: 98 Resp: 1268331
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 0.673 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

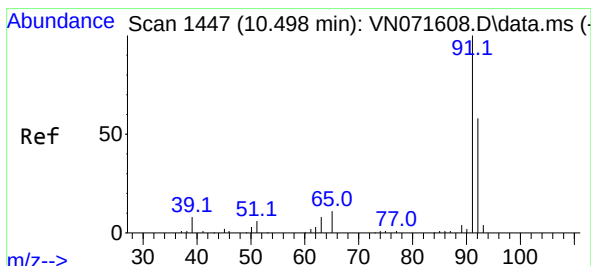
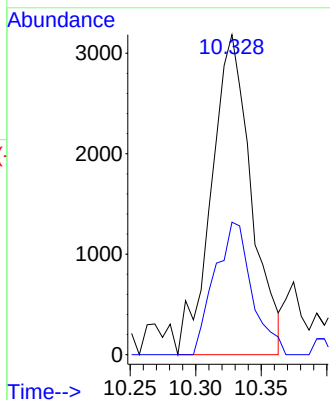
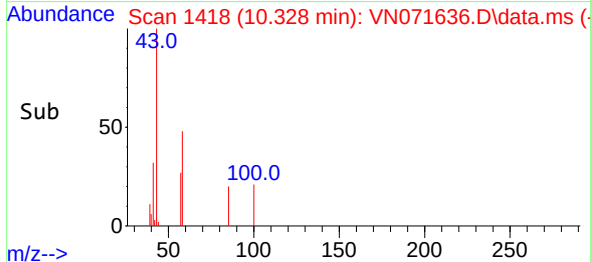
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 43 Resp: 6700
Ion Ratio Lower Upper
43 100
58 38.8 34.1 51.1

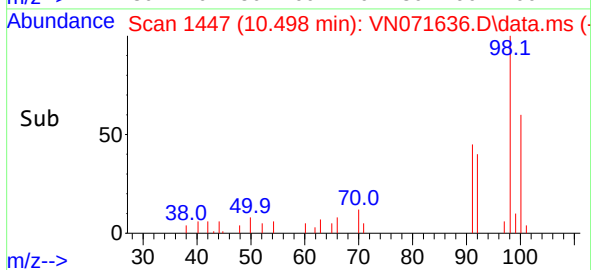
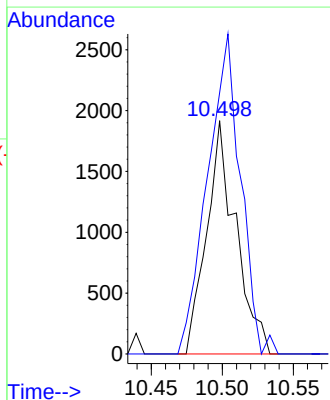
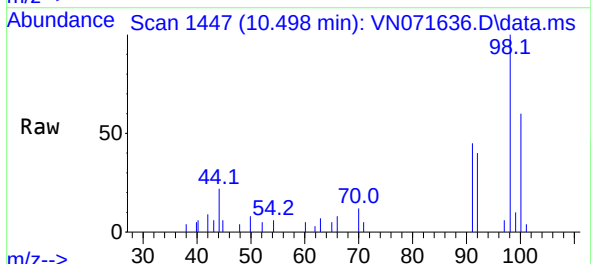
Manual Integrations
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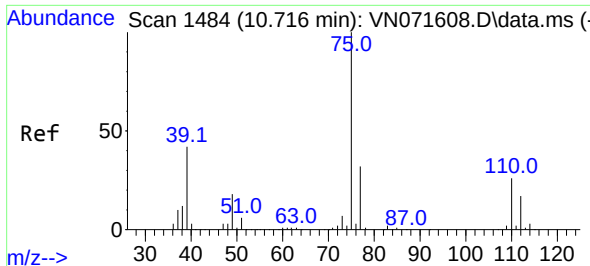
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#52
Toluene
Concen: 0.149 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

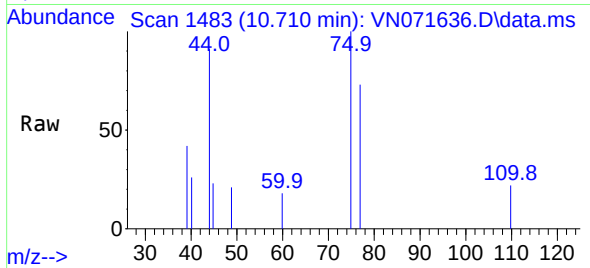
Tgt Ion: 92 Resp: 2735
Ion Ratio Lower Upper
92 100
91 155.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 0.122 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

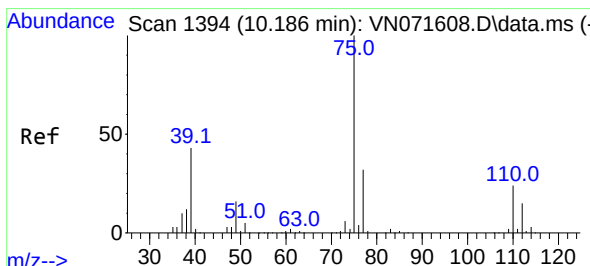
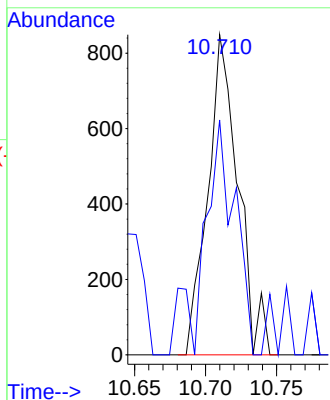
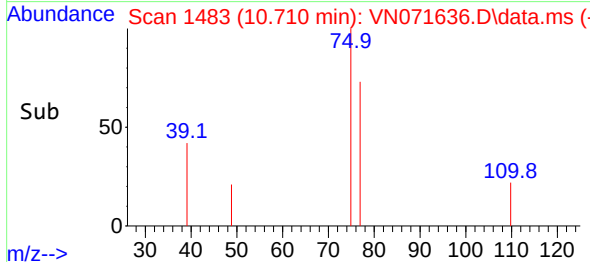
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022



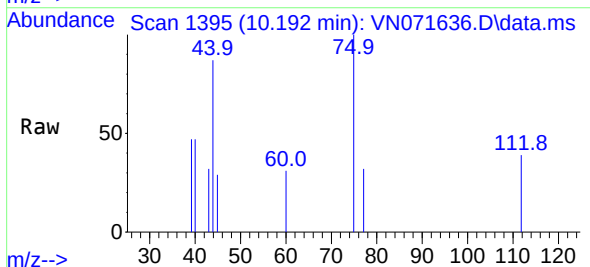
Tgt Ion: 75 Resp: 125
Ion Ratio Lower Upper
75 100
77 73.4 25.6 38.4

Manual Integrations
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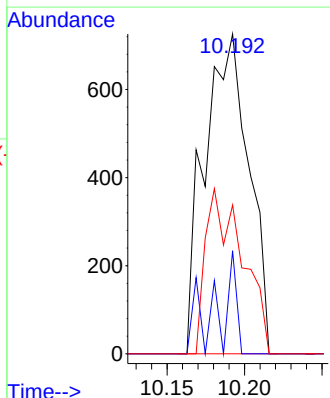
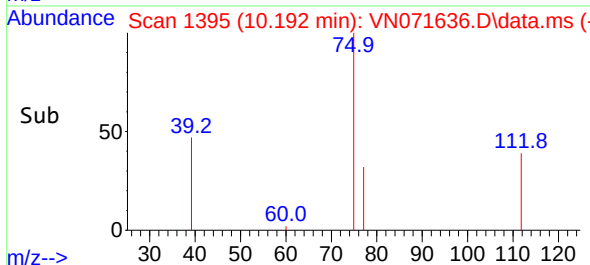
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

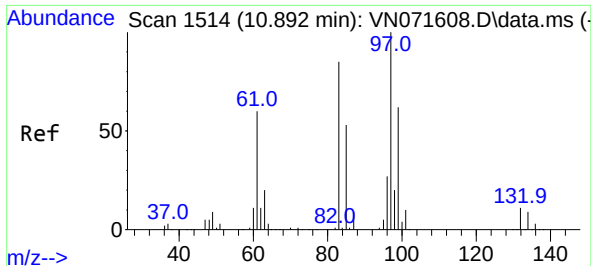


#54
cis-1,3-Dichloropropene
Concen: 0.129 ug/l
RT: 10.192 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



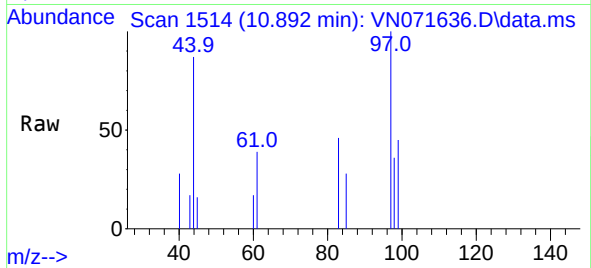
Tgt Ion: 75 Resp: 1440
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 46.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 0.160 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

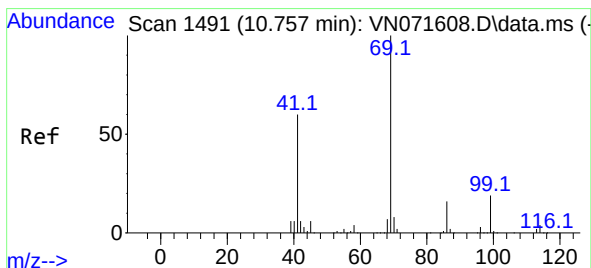
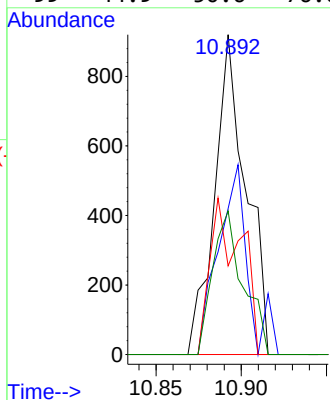
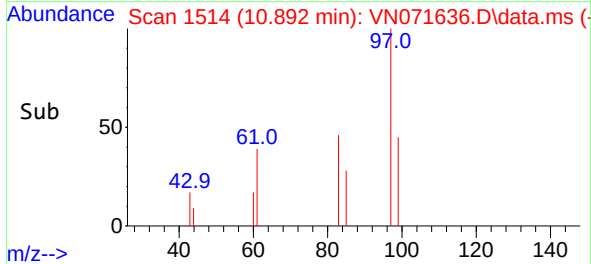


Tgt Ion: 97 Resp: 1180

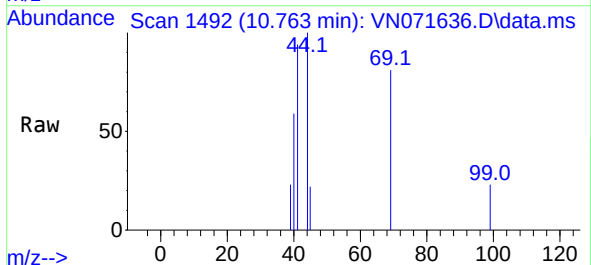
Ion	Ratio	Lower	Upper
97	100		
83	45.7	66.2	99.4
85	27.7	43.9	65.9
99	44.9	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

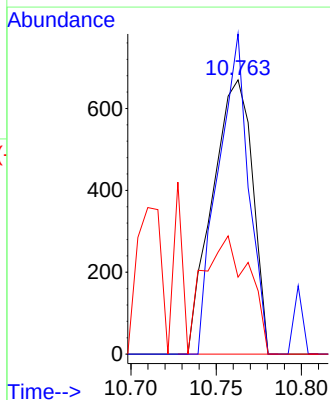
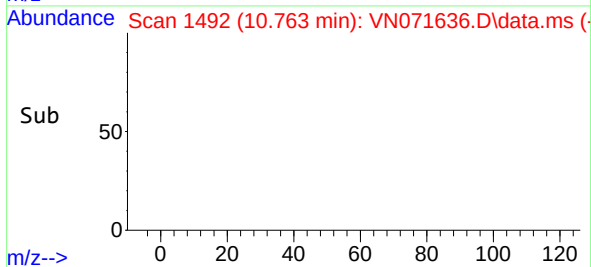


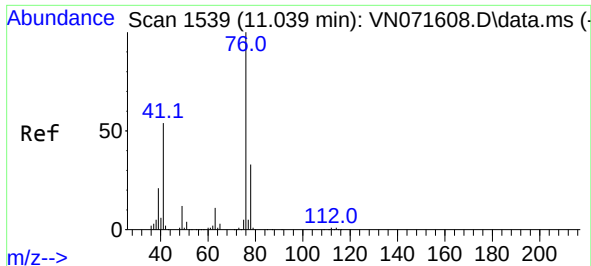
#56
Ethyl methacrylate
Concen: 0.100 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



Tgt Ion: 69 Resp: 1100

Ion	Ratio	Lower	Upper
69	100		
41	88.6	47.8	71.6
39	35.5	27.3	40.9





#57

1,3-Dichloropropane

Concen: 0.135 ug/l

RT: 11.045 min Scan# 1539

Delta R.T. 0.006 min

Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 76 Resp: 1662

Ion Ratio Lower Upper

76 100

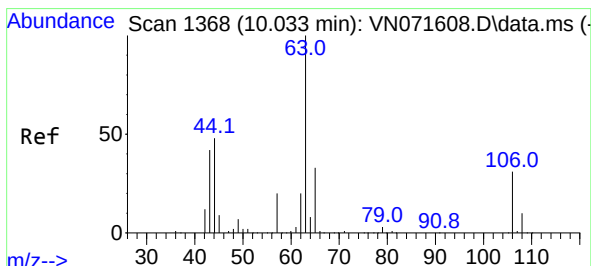
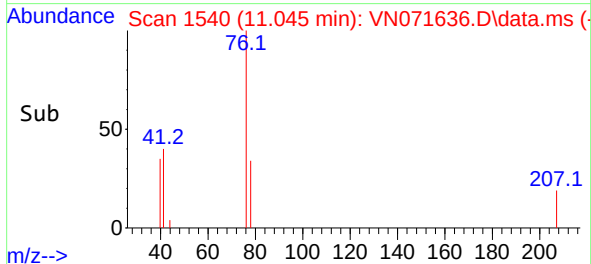
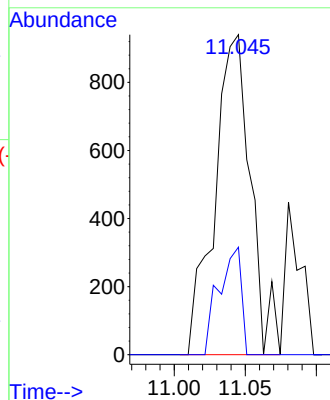
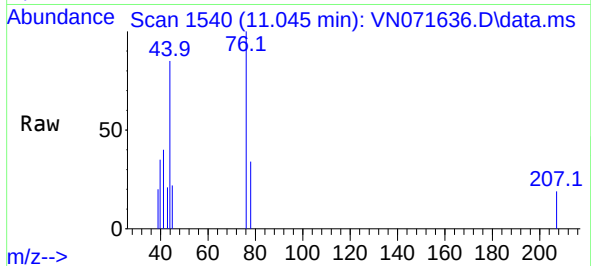
78 20.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 1.073 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071636.D

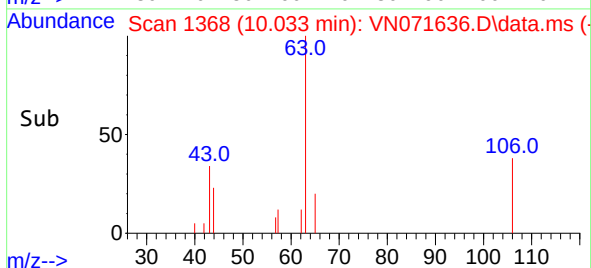
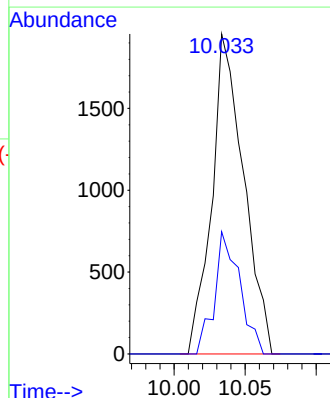
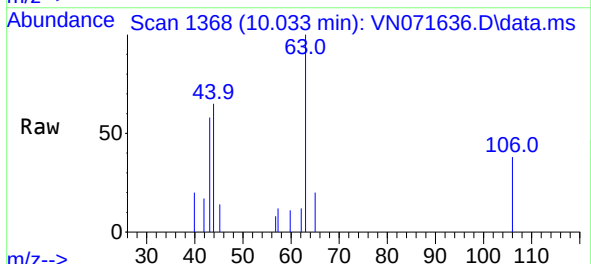
Acq: 29 Mar 2022 16:54

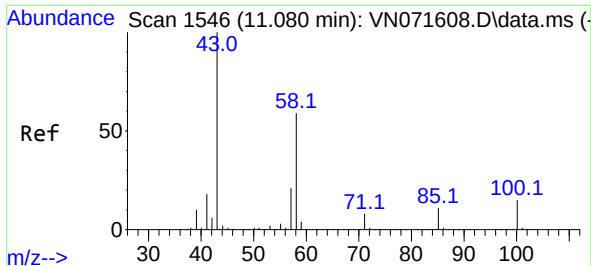
Tgt Ion: 63 Resp: 3042

Ion Ratio Lower Upper

63 100

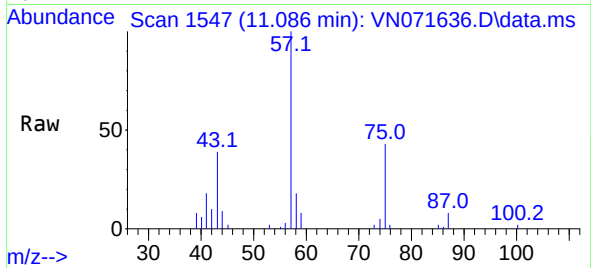
106 30.2 24.6 36.8





#59
2-Hexanone
Concen: 1.390 ug/l
RT: 11.086 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

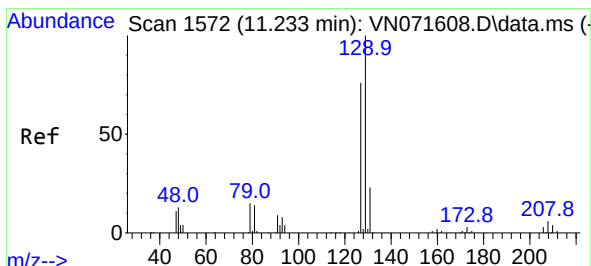
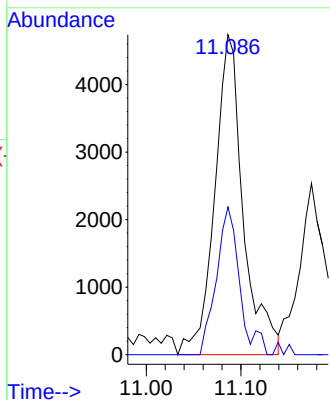
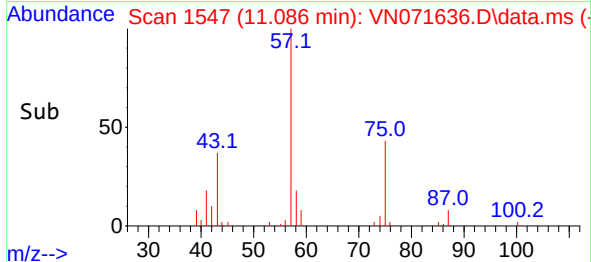
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



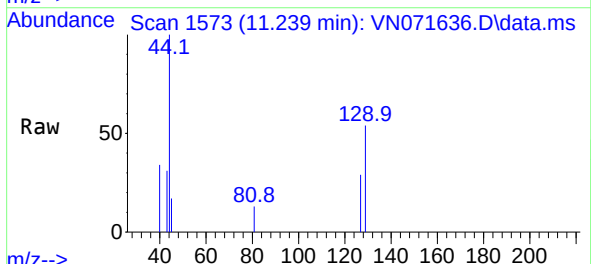
Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 37.5 29.7 89.1

Manual Integrations
APPROVED

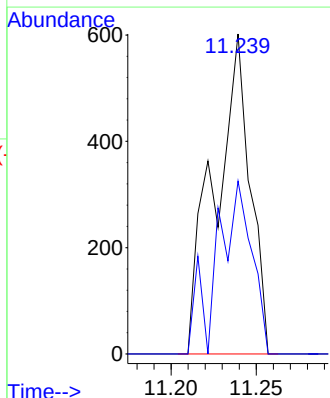
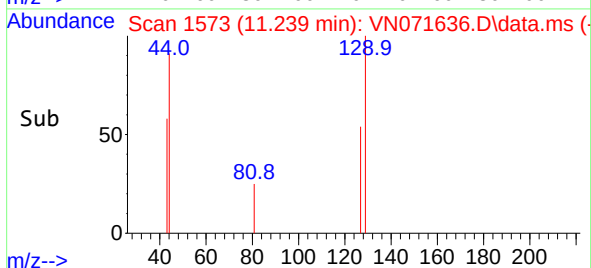
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

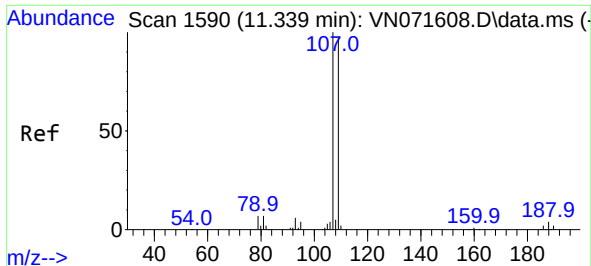


#60
Dibromochloromethane
Concen: 0.117 ug/l
RT: 11.239 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



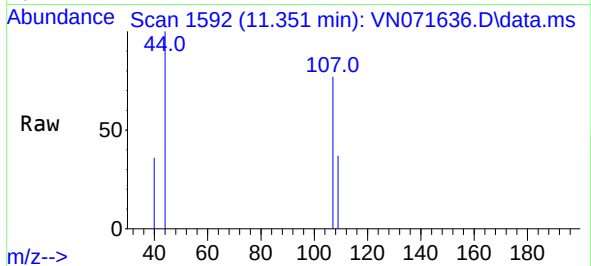
Tgt Ion:129 Resp: 864
Ion Ratio Lower Upper
129 100
127 54.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.113 ug/l
RT: 11.351 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

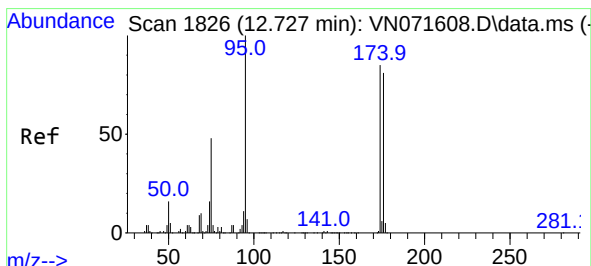
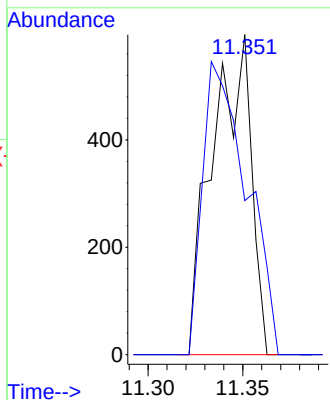
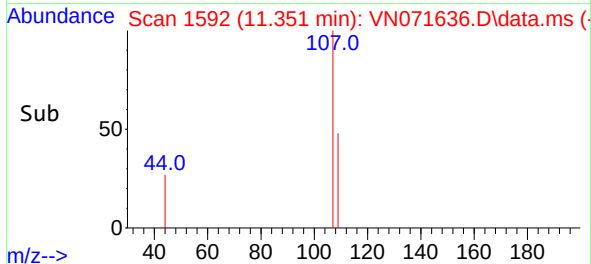
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



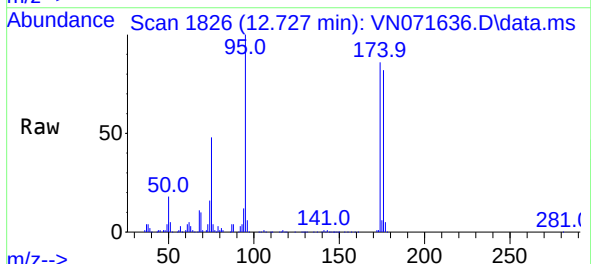
Tgt Ion:107 Resp: 84
Ion Ratio Lower Upper
107 100
109 104.5 75.0 112.6

Manual Integrations
APPROVED

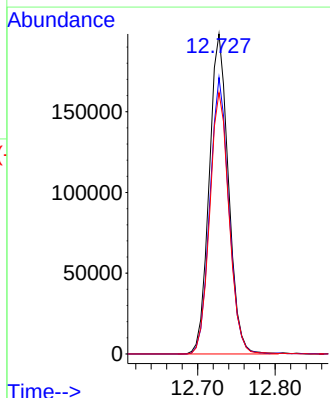
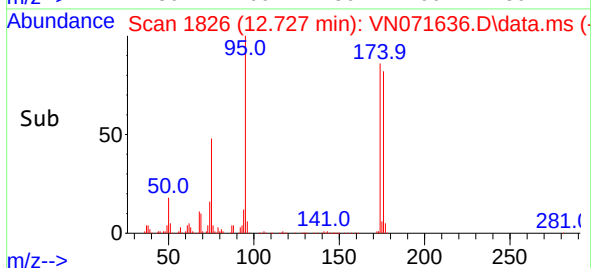
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

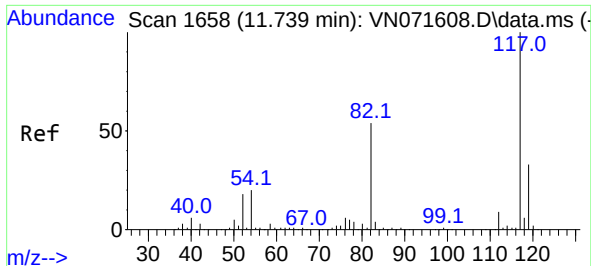


#62
4-Bromofluorobenzene
Concen: 39.267 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



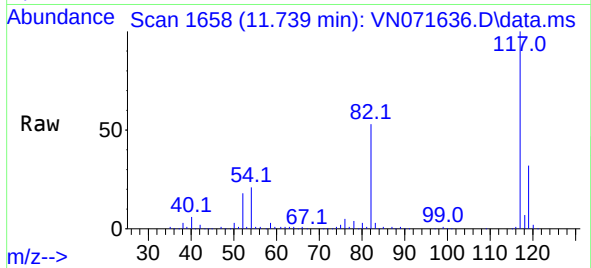
Tgt Ion: 95 Resp: 341310
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 82.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

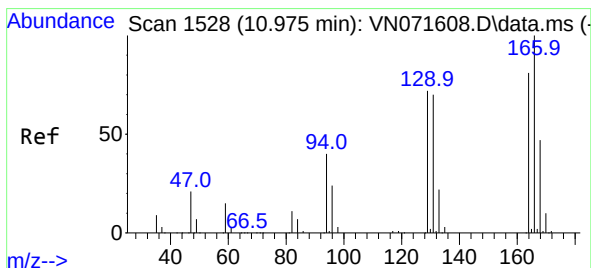
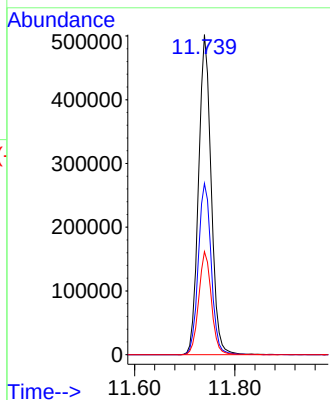
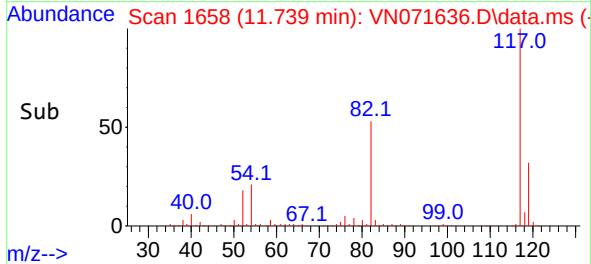
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:117 Resp: 876430
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 32.2 25.4 38.0

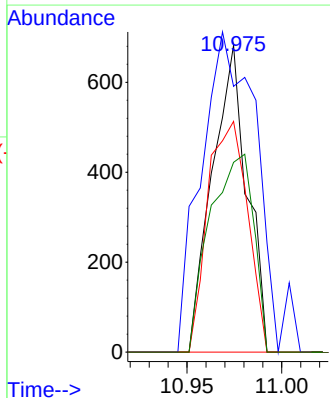
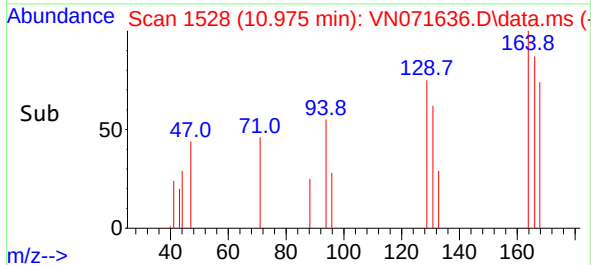
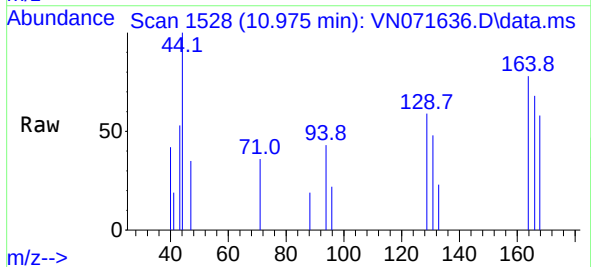
Manual Integrations
APPROVED

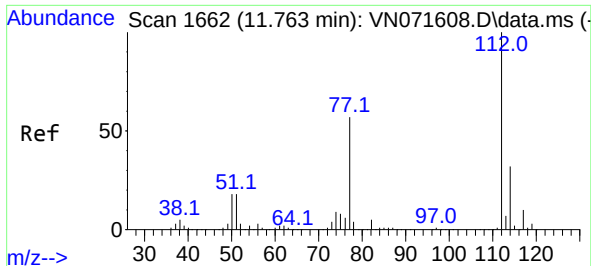
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#64
Tetrachloroethene
Concen: 0.144 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

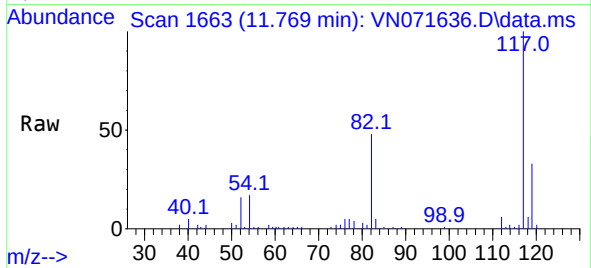
Tgt Ion:164 Resp: 875
Ion Ratio Lower Upper
164 100
166 86.5 104.2 156.2#
129 75.1 73.9 110.9
131 61.8 69.4 104.2#





#65
Chlorobenzene
Concen: 0.157 ug/l
RT: 11.769 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

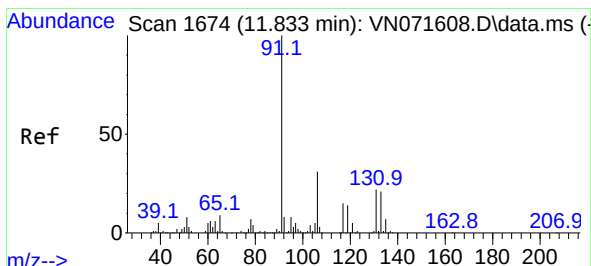
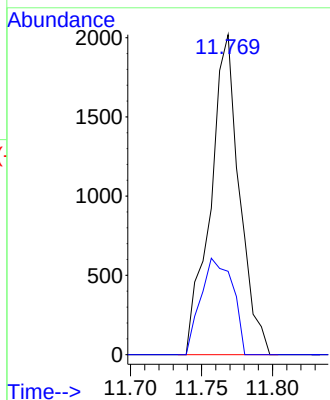
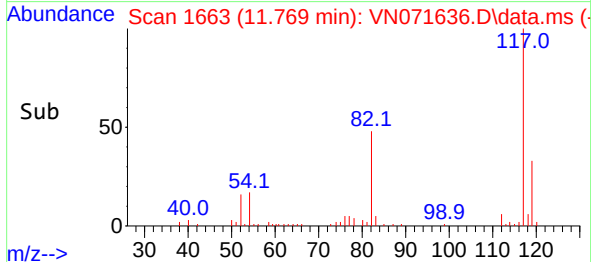
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



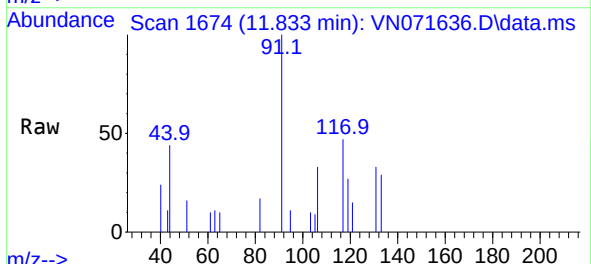
Tgt Ion:112 Resp: 287
Ion Ratio Lower Upper
112 100
114 26.1 25.4 38.2

Manual Integrations
APPROVED

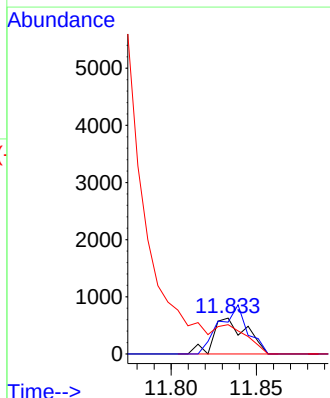
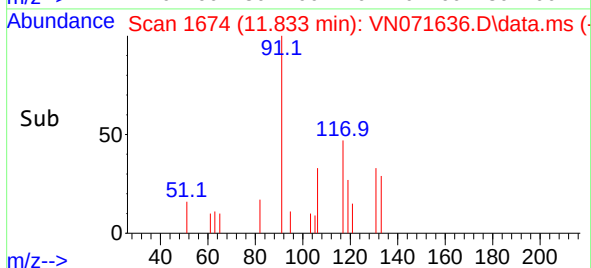
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

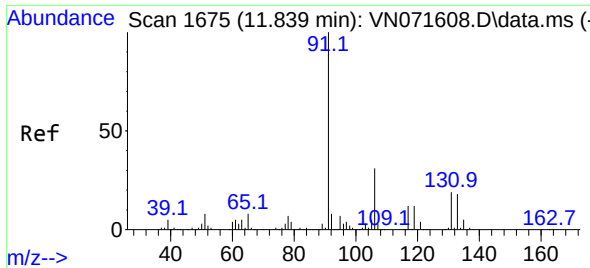


#66
1,1,1,2-Tetrachloroethane
Concen: 0.129 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



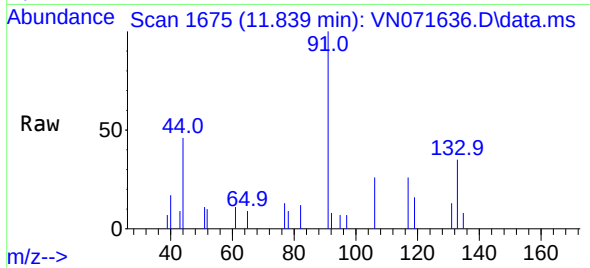
Tgt Ion:131 Resp: 846
Ion Ratio Lower Upper
131 100
133 117.0 47.8 143.4
119 0.0 33.4 100.2#





#67
Ethyl Benzene
Concen: 0.135 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

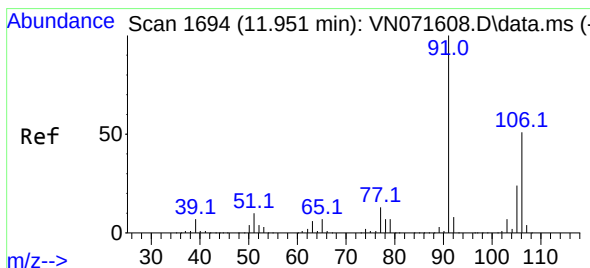
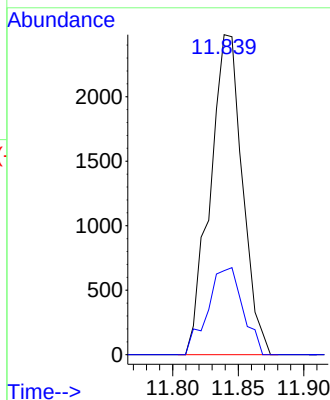
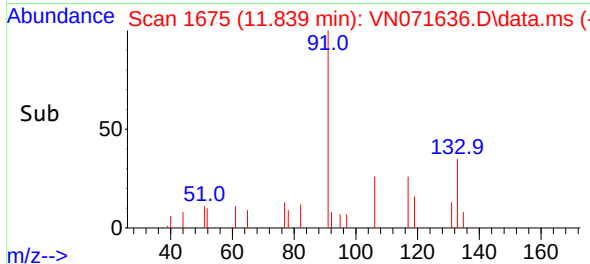
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



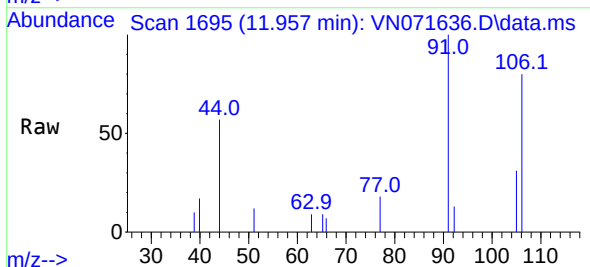
Tgt Ion: 91 Resp: 425
Ion Ratio Lower Upper
91 100
106 26.2 24.9 37.3

Manual Integrations
APPROVED

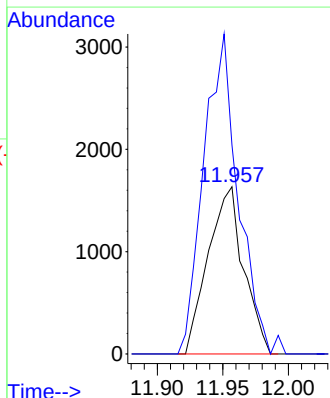
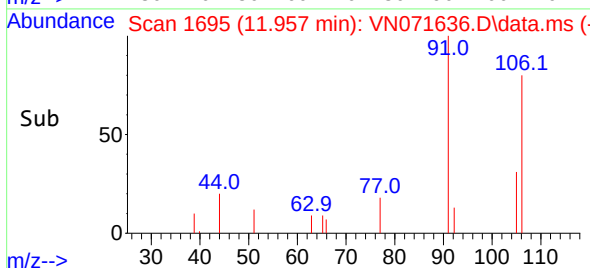
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

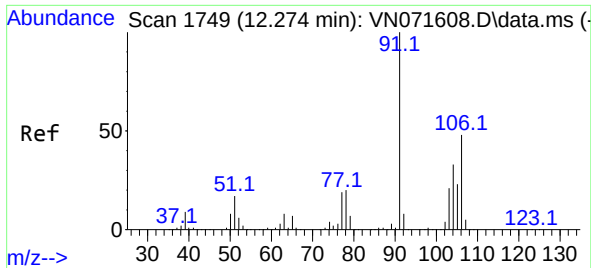


#68
m/p-Xylenes
Concen: 0.256 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



Tgt Ion:106 Resp: 3075
Ion Ratio Lower Upper
106 100
91 186.8 158.9 238.3





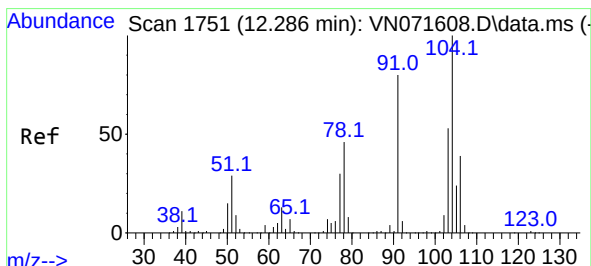
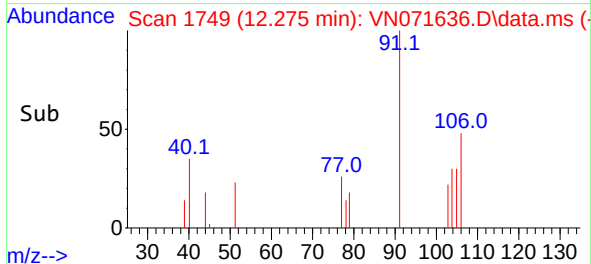
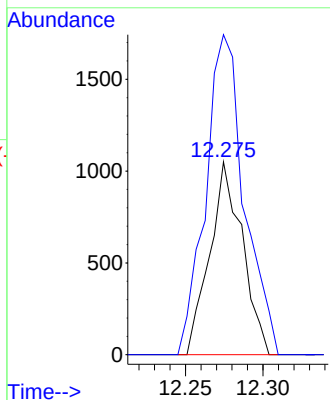
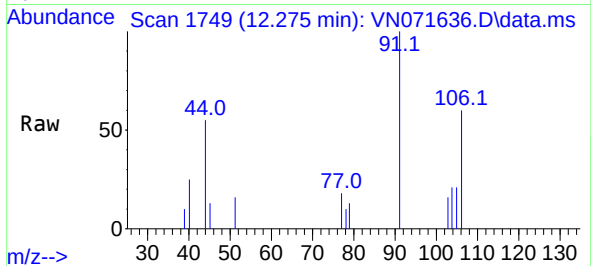
#69
o-Xylene
Concen: 0.127 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:106 Resp: 153
Ion Ratio Lower Upper
106 100
91 197.1 106.0 318.0

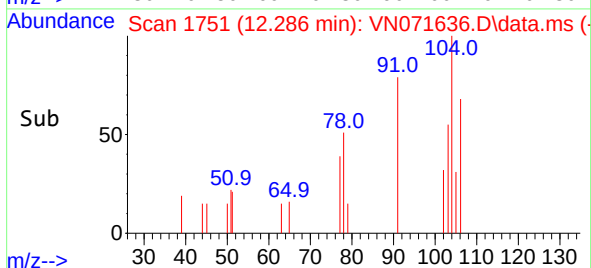
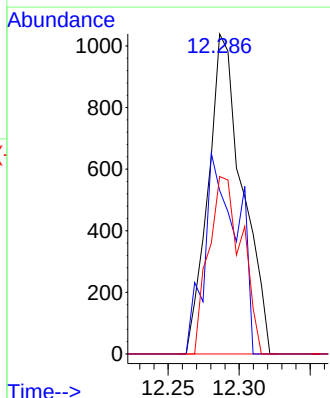
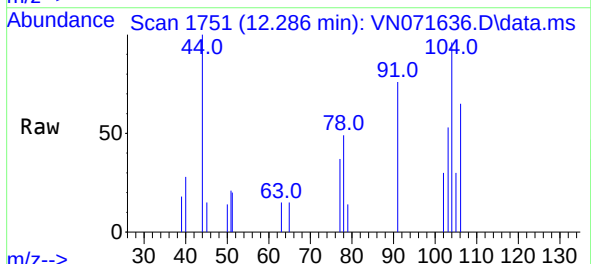
Manual Integrations
APPROVED

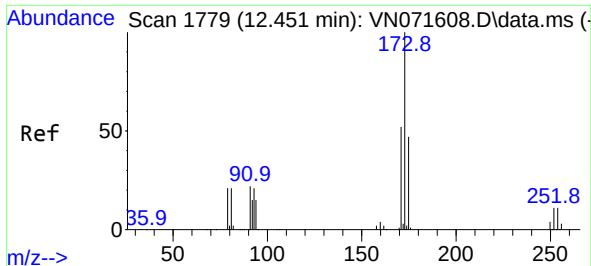
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#70
Styrene
Concen: 0.095 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

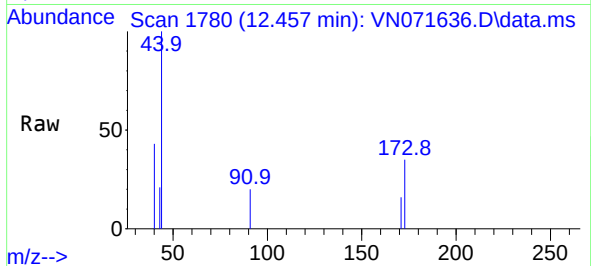
Tgt Ion:104 Resp: 1743
Ion Ratio Lower Upper
104 100
78 59.8 39.5 59.3#
103 53.9 44.0 66.0





#71
Bromoform
Concen: 0.096 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

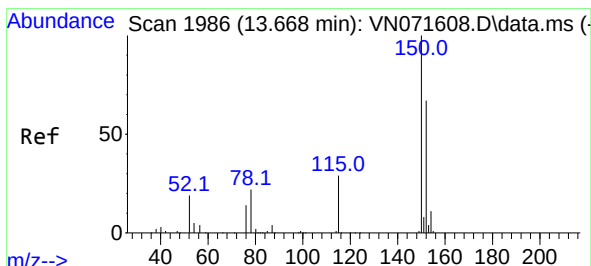
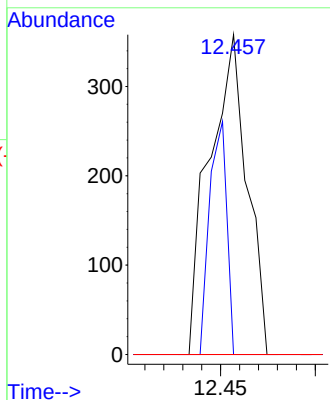
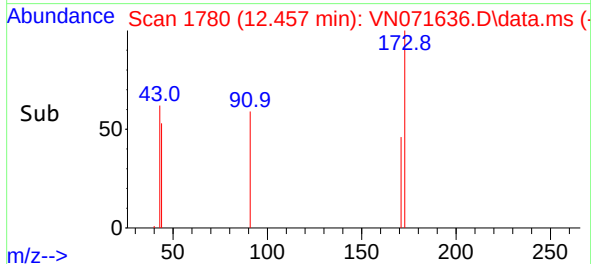
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



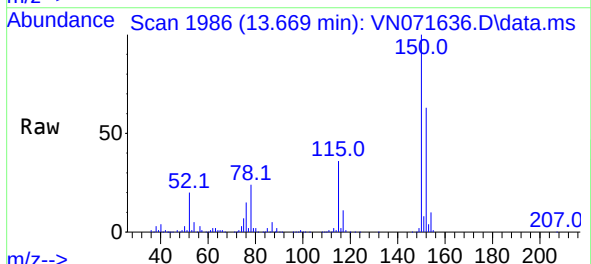
Tgt Ion:173 Resp: 494
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

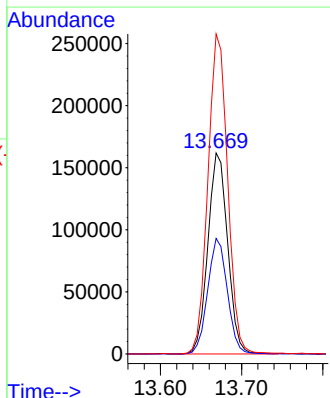
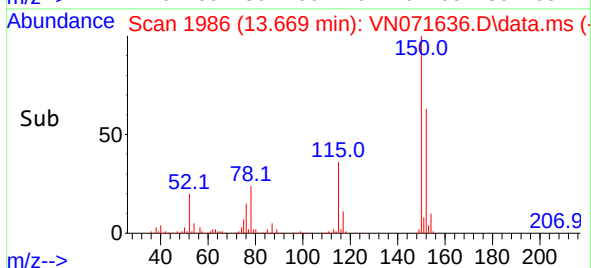
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

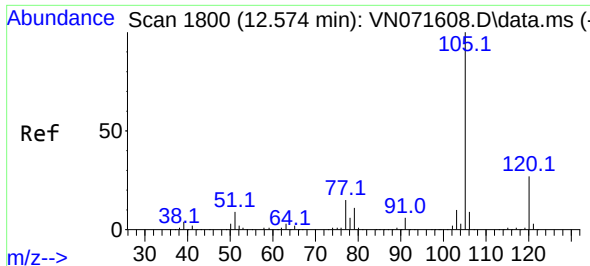


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



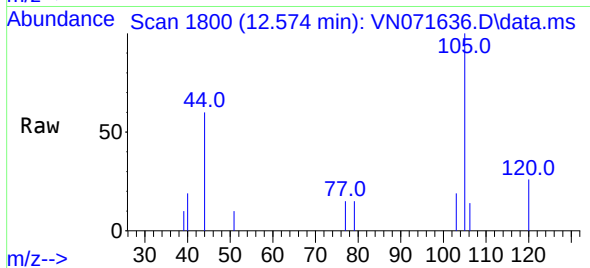
Tgt Ion:152 Resp: 274386
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 158.6 0.0 356.2





#73
Isopropylbenzene
Concen: 0.121 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

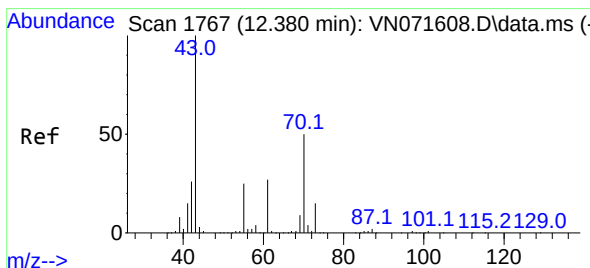
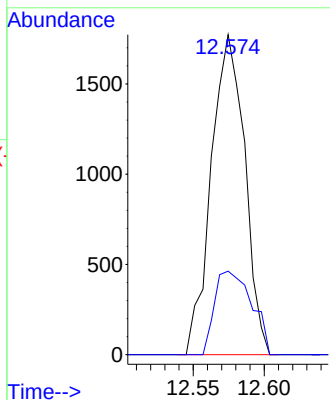
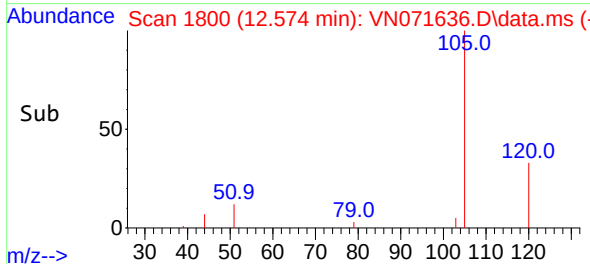
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



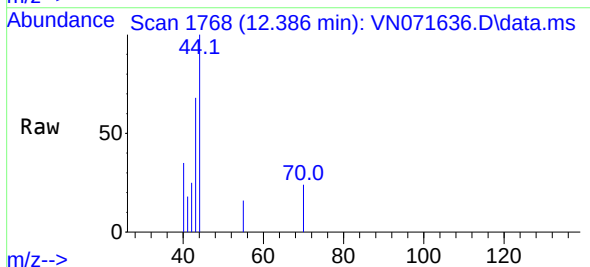
Tgt Ion:105 Resp: 2912
Ion Ratio Lower Upper
105 100
120 28.9 13.5 40.4

Manual Integrations
APPROVED

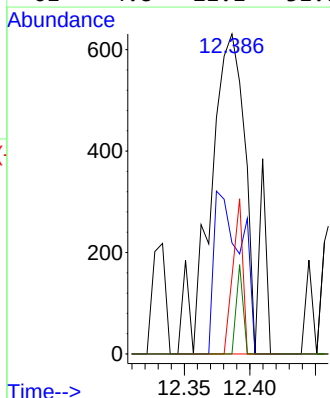
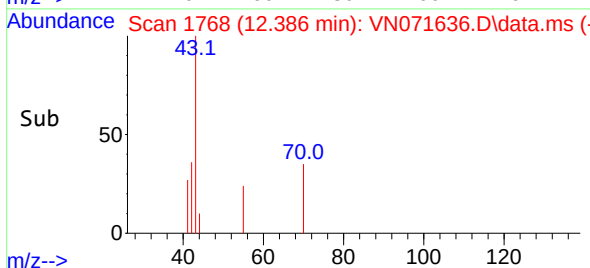
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

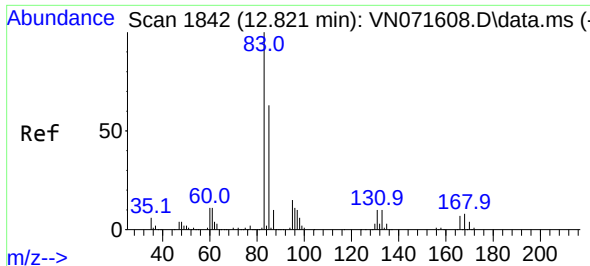


#74
N-ethyl acetate
Concen: 0.176 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
70 36.0 39.0 58.4#
55 12.6 21.1 31.7#
61 4.8 21.1 31.7#





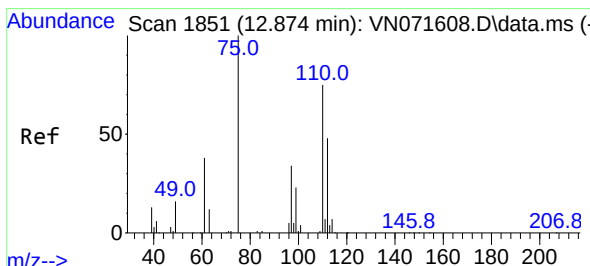
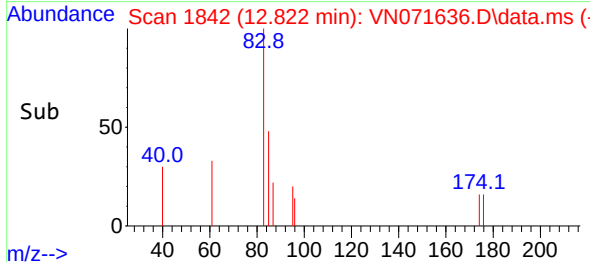
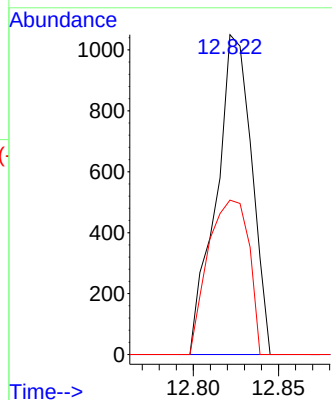
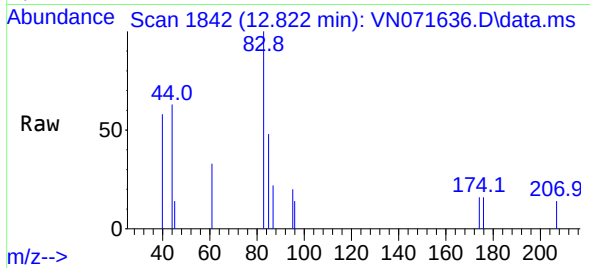
#75
1,1,2,2-Tetrachloroethane
Concen: 0.189 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 83 Resp: 152
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9
85 55.4 32.3 96.9

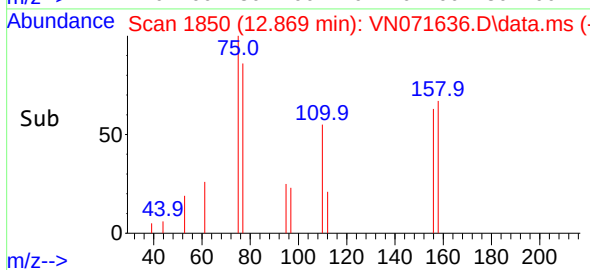
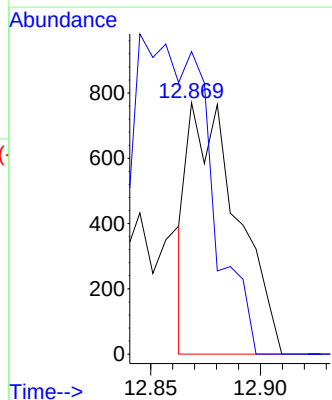
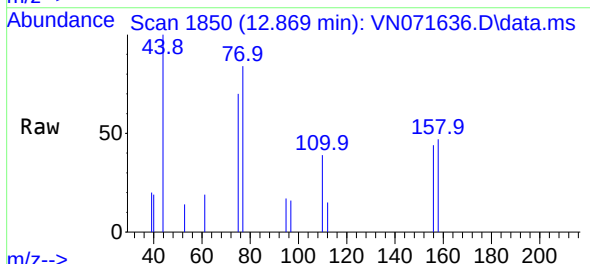
Manual Integrations
APPROVED

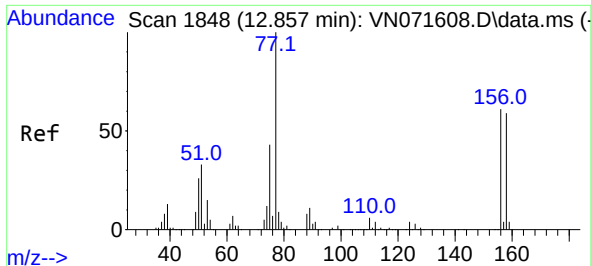
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#76
1,2,3-Trichloropropane
Concen: 0.183 ug/l m
RT: 12.869 min Scan# 1850
Delta R.T. -0.005 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

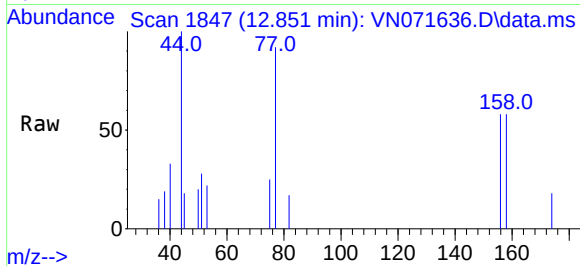
Tgt Ion: 75 Resp: 1208
Ion Ratio Lower Upper
75 100
77 166.6 98.5 295.5





#77
Bromobenzene
Concen: 0.164 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

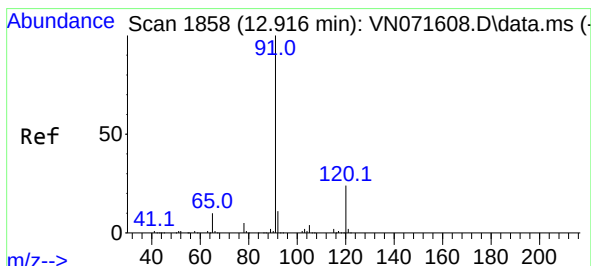
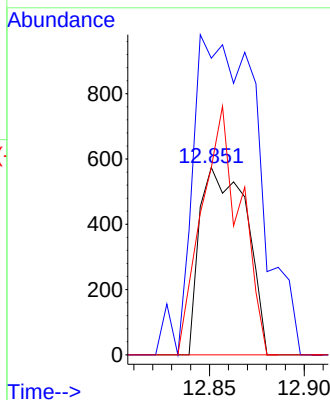
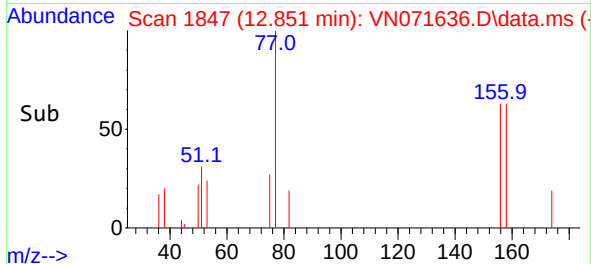
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



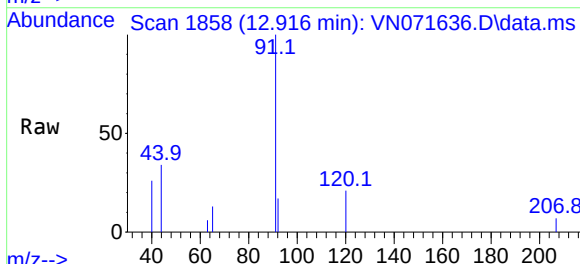
Tgt Ion:156 Resp: 98
Ion Ratio Lower Upper
156 100
77 240.3 100.5 301.5
158 110.3 48.9 146.6

Manual Integrations
APPROVED

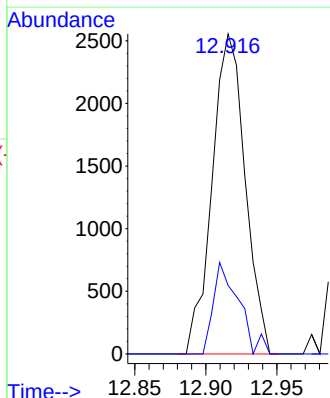
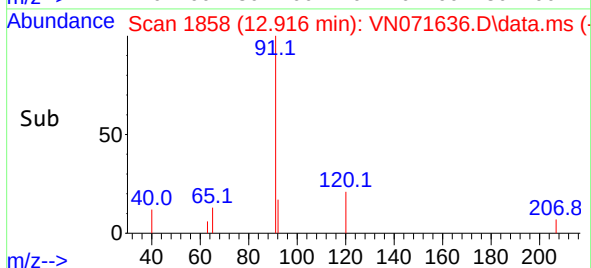
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

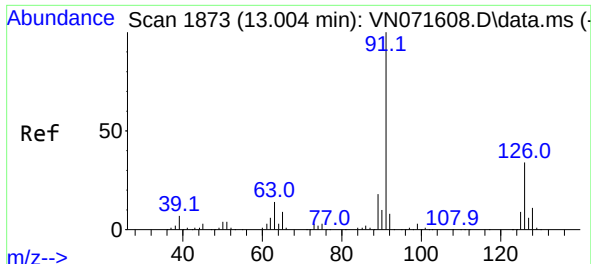


#78
n-propylbenzene
Concen: 0.160 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



Tgt Ion: 91 Resp: 4132
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5





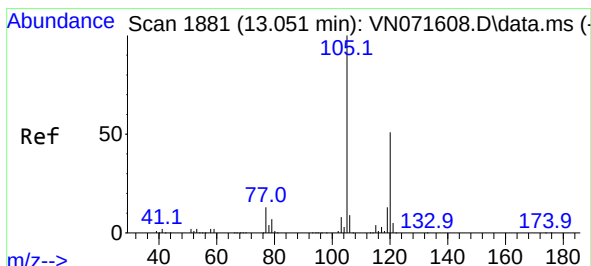
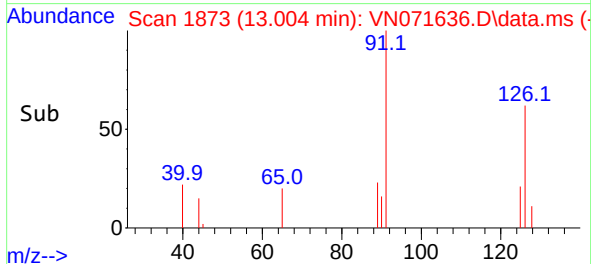
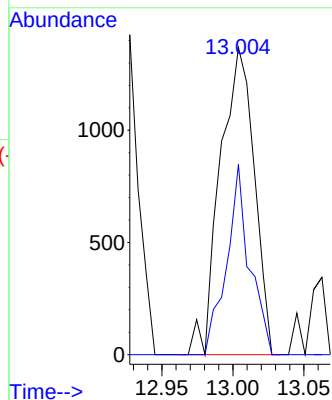
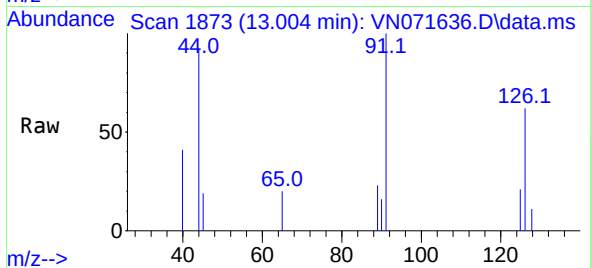
#79
2-Chlorotoluene
Concen: 0.141 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 91 Resp: 228
Ion Ratio Lower Upper
91 100
126 41.9 17.3 51.9

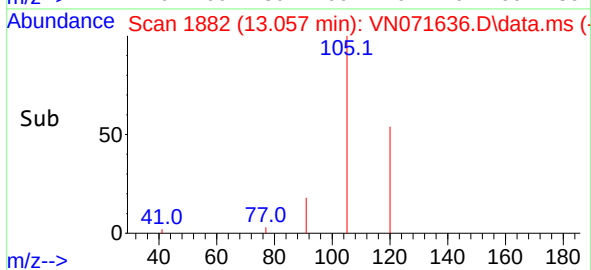
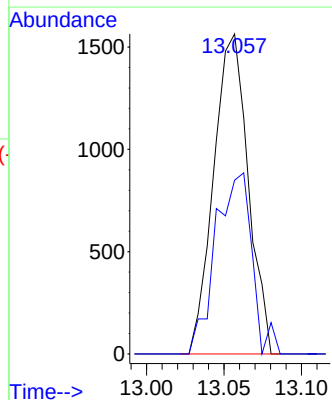
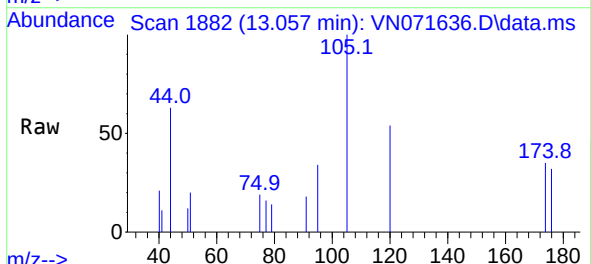
Manual Integrations
APPROVED

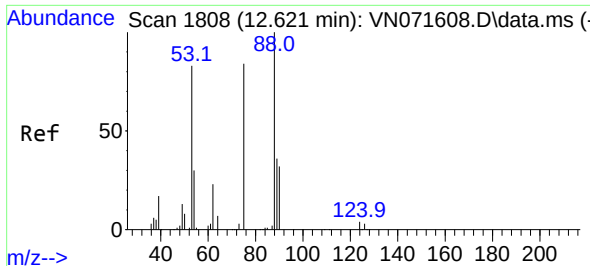
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.128 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

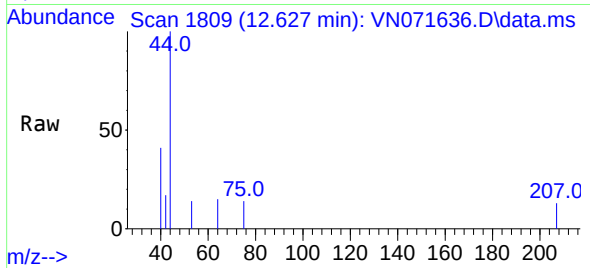
Tgt Ion:105 Resp: 2420
Ion Ratio Lower Upper
105 100
120 59.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 0.050 ug/l m
RT: 12.627 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

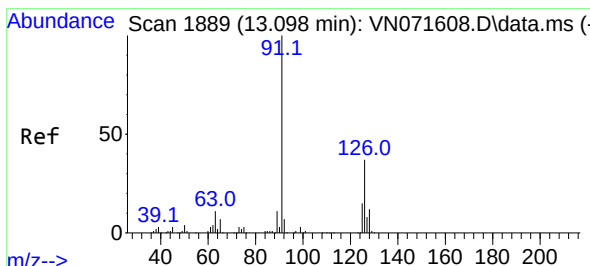
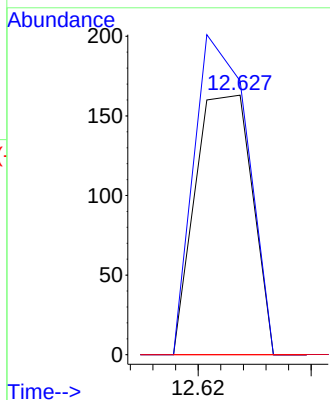
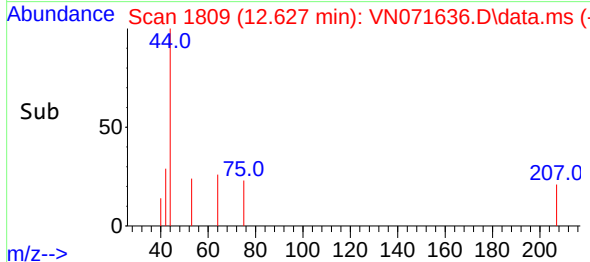
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 75 Resp: 114
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 37.2 55.8

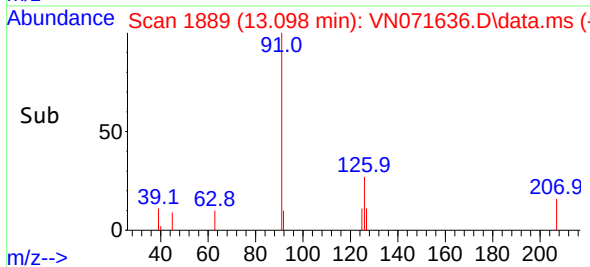
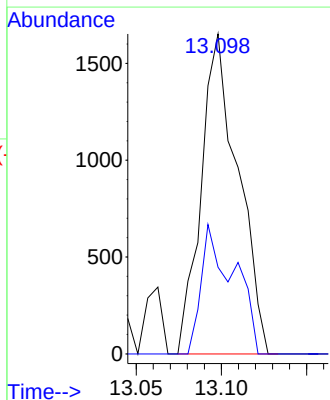
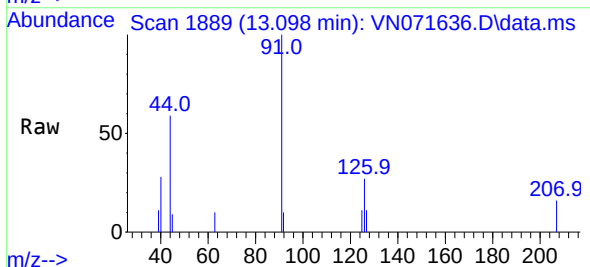
Manual Integrations
APPROVED

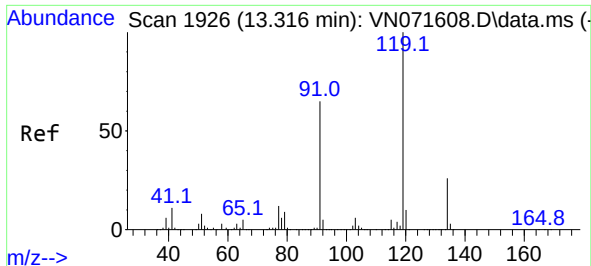
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#82
4-Chlorotoluene
Concen: 0.165 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

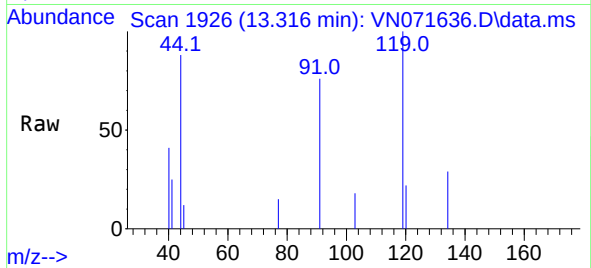
Tgt Ion: 91 Resp: 2488
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 0.136 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

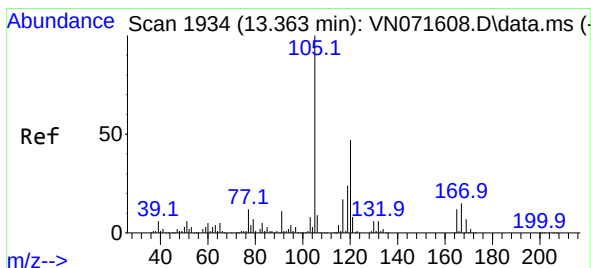
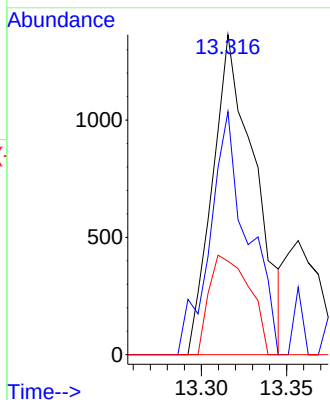
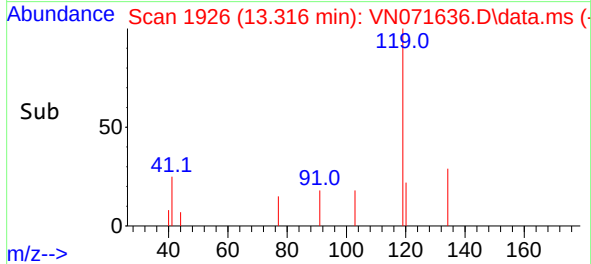
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



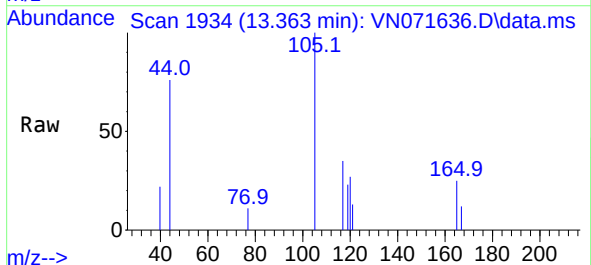
Tgt Ion:119 Resp: 2359
Ion Ratio Lower Upper
119 100
91 67.7 31.6 94.8
134 29.5 13.7 41.1

Manual Integrations
APPROVED

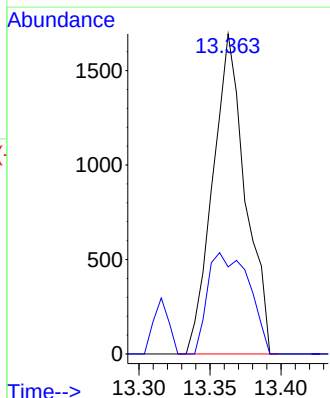
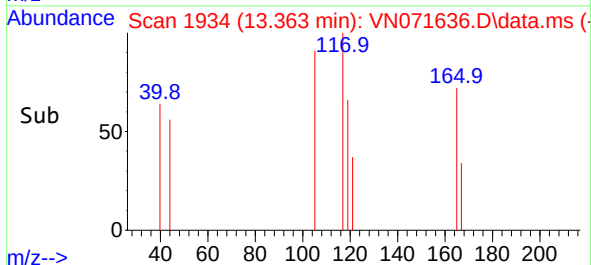
Reviewed By :John Carbone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

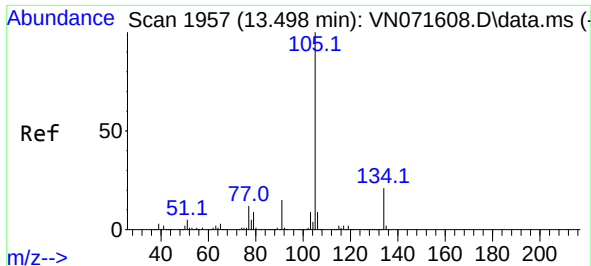


#84
1,2,4-Trimethylbenzene
Concen: 0.146 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



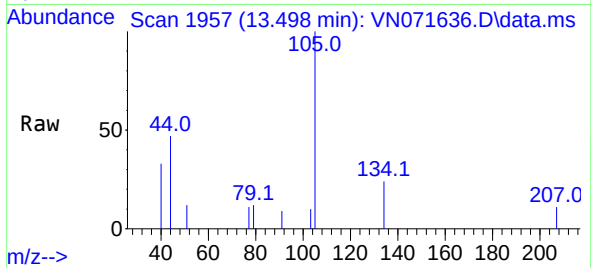
Tgt Ion:105 Resp: 2710
Ion Ratio Lower Upper
105 100
120 40.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 0.122 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071636.D
 Acq: 29 Mar 2022 16:54

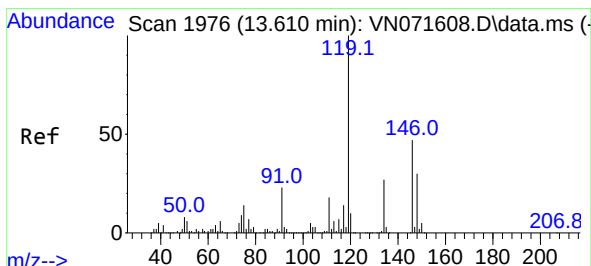
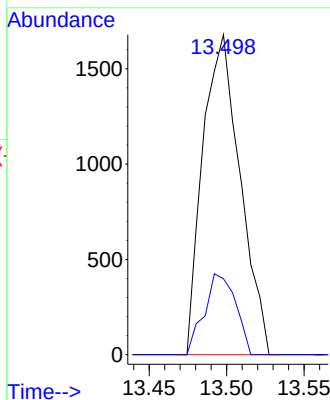
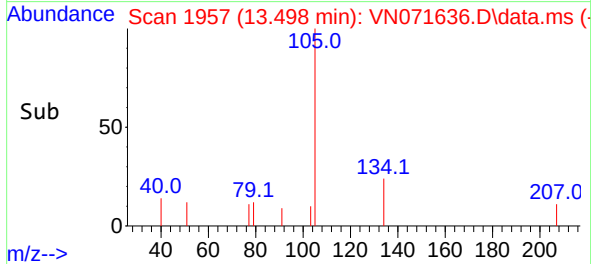
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT1-2022



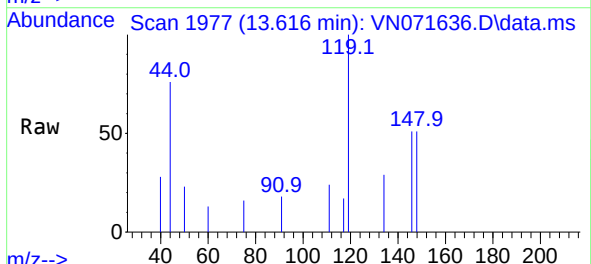
Tgt Ion:105 Resp: 2814
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

Manual Integrations
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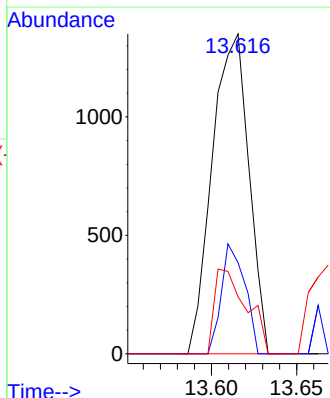
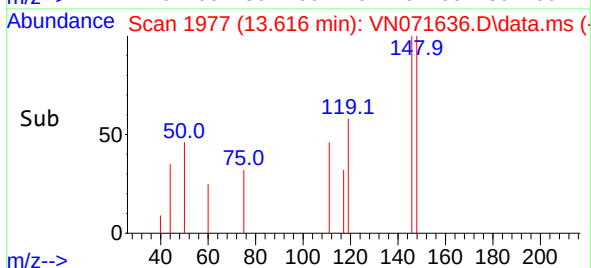
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022

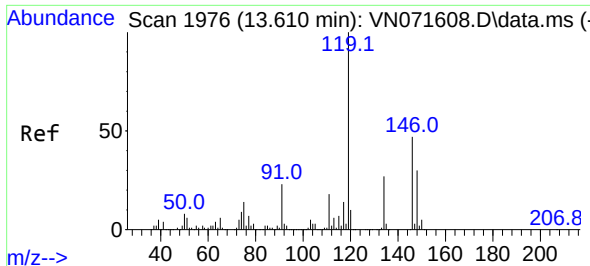


#86
 p-Isopropyltoluene
 Concen: 0.110 ug/l
 RT: 13.616 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN071636.D
 Acq: 29 Mar 2022 16:54



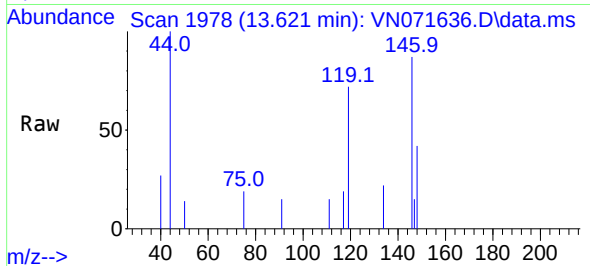
Tgt Ion:119 Resp: 2015
 Ion Ratio Lower Upper
 119 100
 134 22.0 13.3 39.8
 91 23.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 0.170 ug/l
RT: 13.621 min Scan# 1976
Delta R.T. 0.011 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

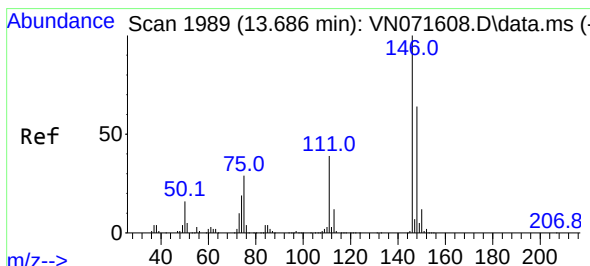
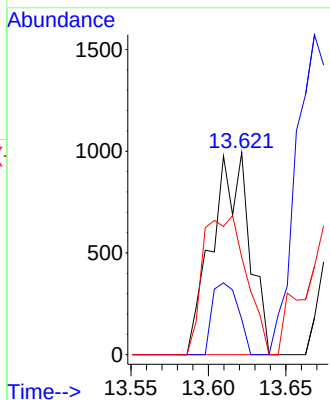
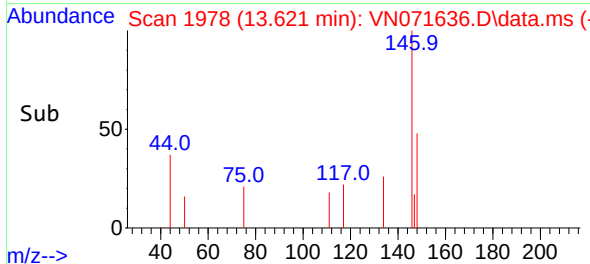
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



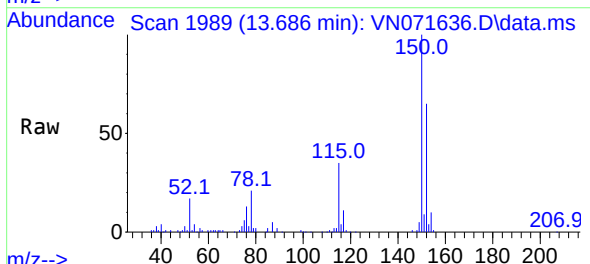
Tgt Ion:146 Resp: 165
Ion Ratio Lower Upper
146 100
111 24.9 20.0 60.0
148 79.9 32.0 96.0

Manual Integrations
APPROVED

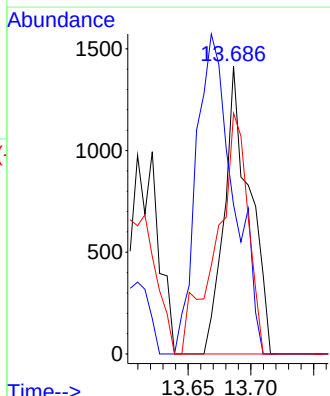
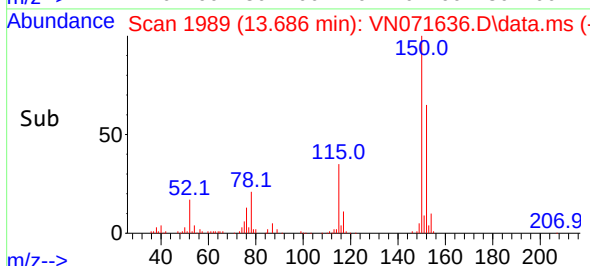
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

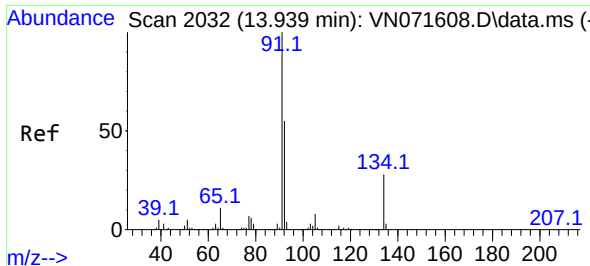


#88
1,4-Dichlorobenzene
Concen: 0.205 ug/l m
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



Tgt Ion:146 Resp: 1983
Ion Ratio Lower Upper
146 100
111 20.8 19.1 57.1
148 66.7 31.4 94.3





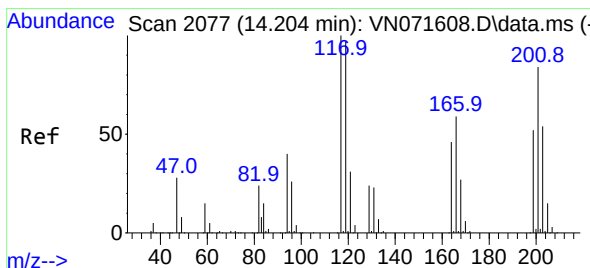
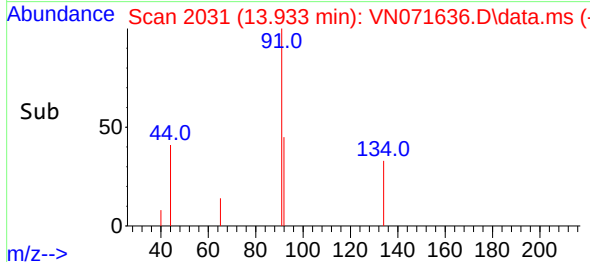
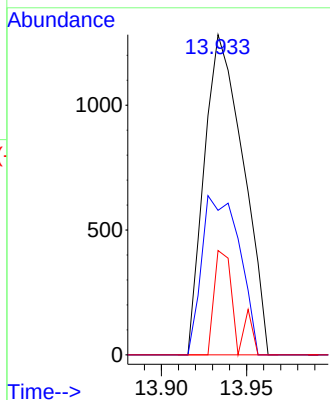
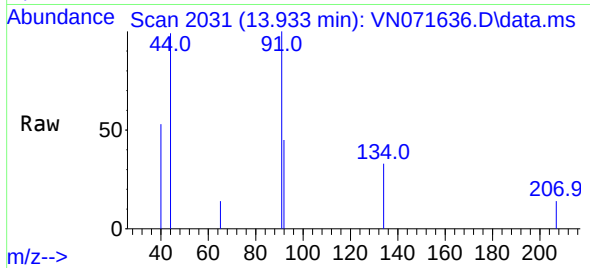
#89
n-Butylbenzene
Concen: 0.148 ug/l
RT: 13.933 min Scan# 2030
Delta R.T. -0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 91 Resp: 2030
Ion Ratio Lower Upper
91 100
92 48.3 26.9 80.7
134 17.1 13.6 40.8

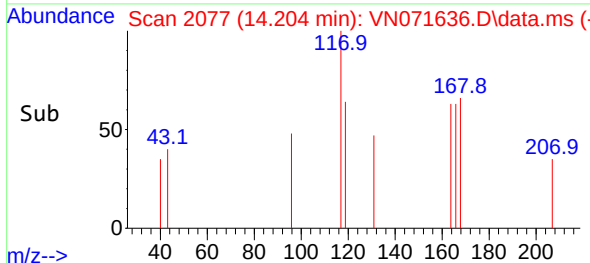
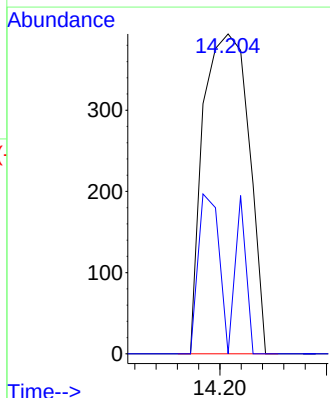
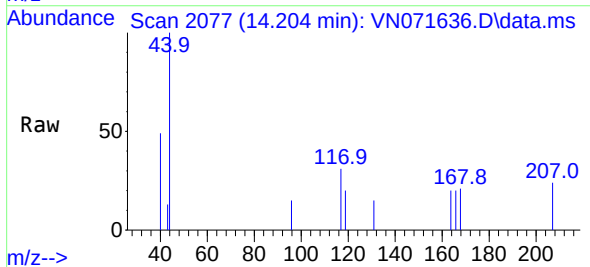
Manual Integrations
APPROVED

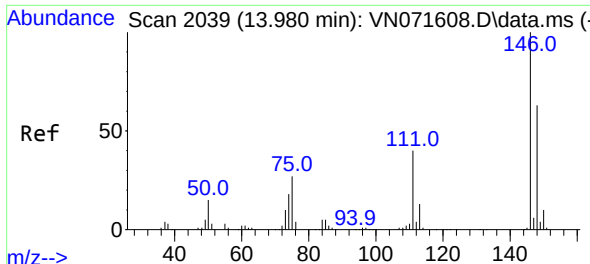
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#90
Hexachloroethane
Concen: 0.171 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

Tgt Ion:117 Resp: 586
Ion Ratio Lower Upper
117 100
201 34.5 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 0.168 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

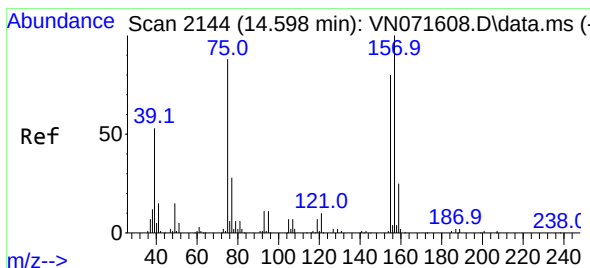
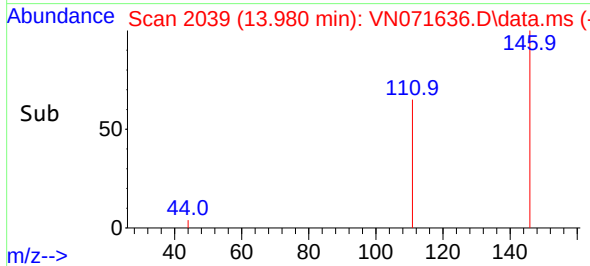
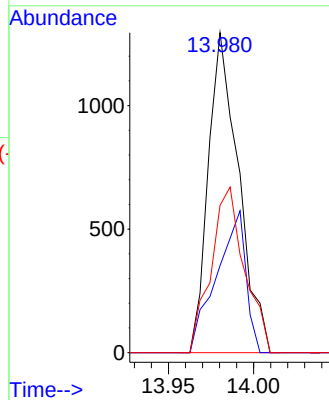
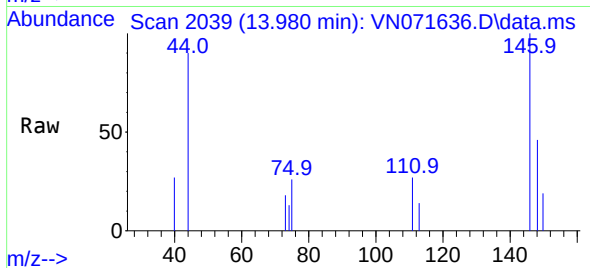
Tgt Ion:	146	Resp:	160
Ion Ratio	Lower	Upper	
146	100		
111	42.8	20.9	62.8
148	57.1	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.090 ug/l

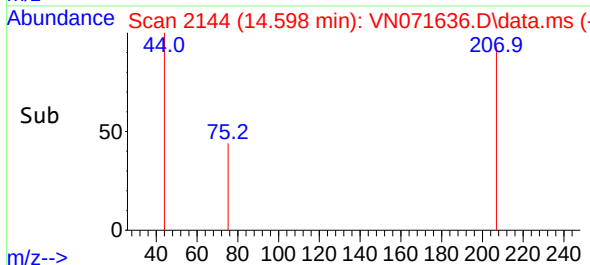
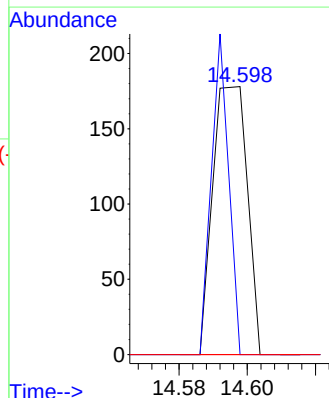
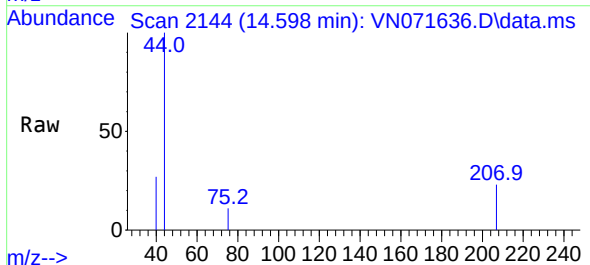
RT: 14.598 min Scan# 2144

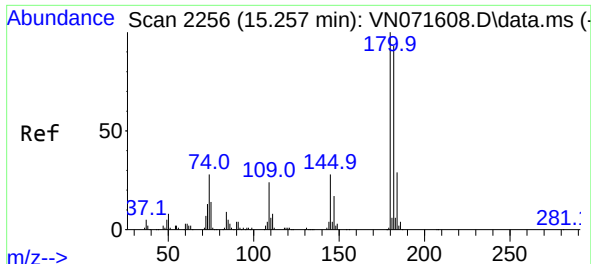
Delta R.T. -0.000 min

Lab File: VN071636.D

Acq: 29 Mar 2022 16:54

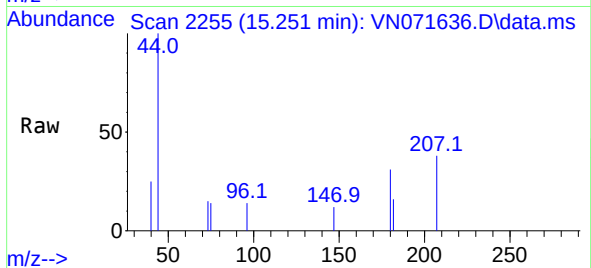
Tgt Ion:	75	Resp:	125
Ion Ratio	Lower	Upper	
75	100		
155	60.0	44.9	134.5
157	0.0	59.0	176.8





#93
1,2,4-Trichlorobenzene
Concen: 0.139 ug/l
RT: 15.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

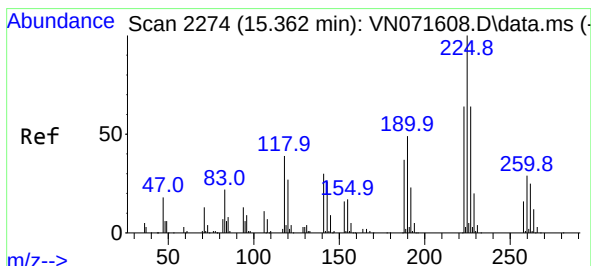
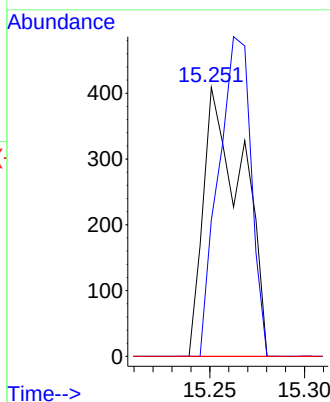
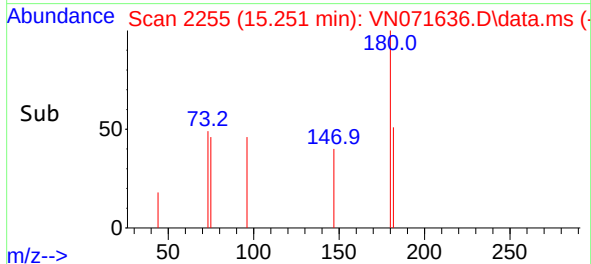
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



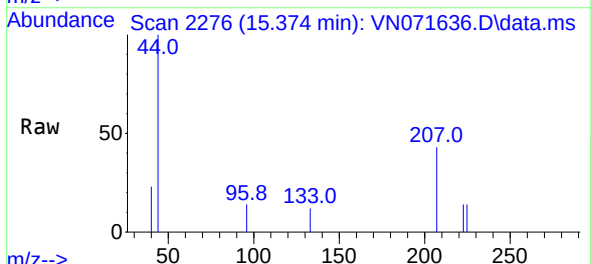
Tgt Ion:180 Resp: 588
Ion Ratio Lower Upper
180 100
182 98.6 47.5 142.5
145 0.0 14.5 43.5

Manual Integrations
APPROVED

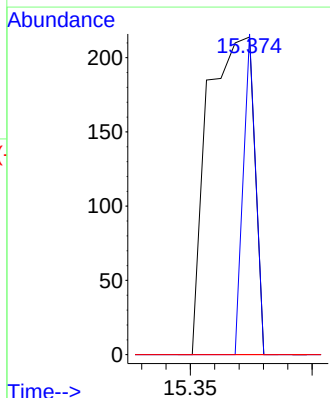
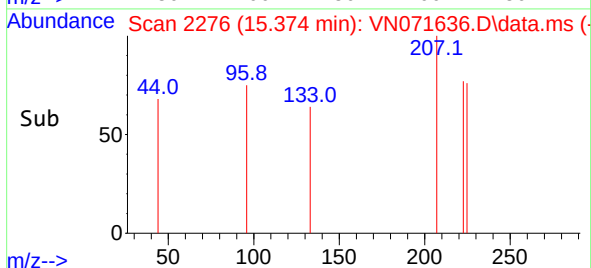
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

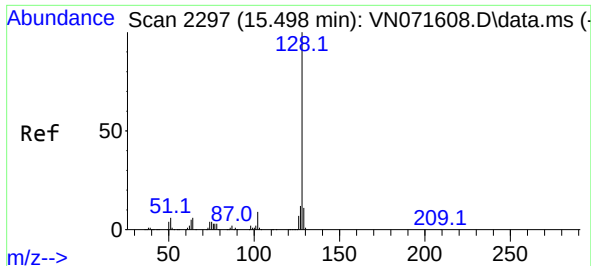


#94
Hexachlorobutadiene
Concen: 0.106 ug/l
RT: 15.374 min Scan# 2276
Delta R.T. 0.012 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



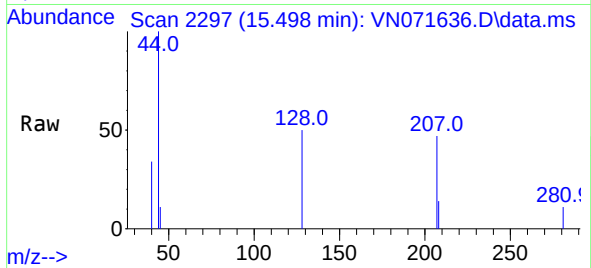
Tgt Ion:225 Resp: 281
Ion Ratio Lower Upper
225 100
223 27.0 32.4 97.2#
227 0.0 31.8 95.4#





#95
Naphthalene
Concen: 0.137 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54

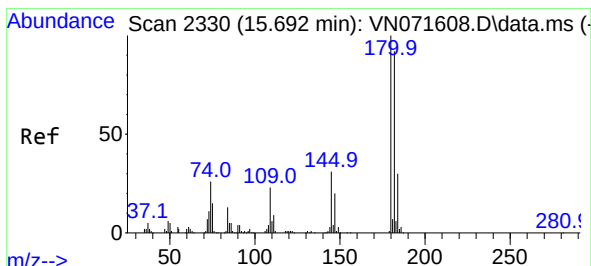
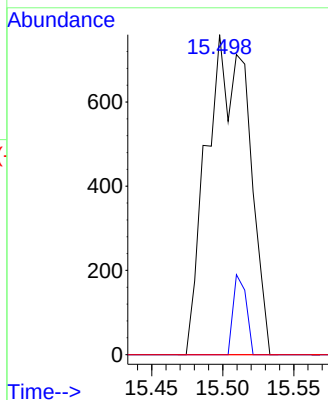
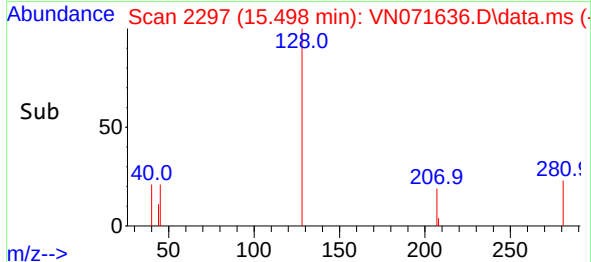
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022



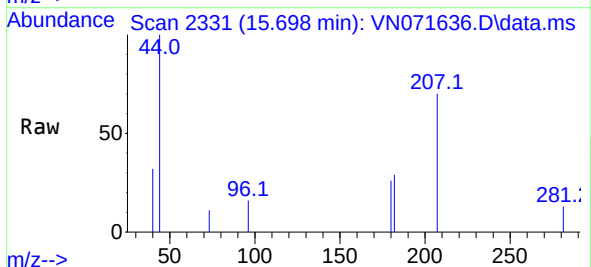
Tgt Ion:128 Resp: 1572
Ion Ratio Lower Upper
128 100
127 7.7 10.3 15.5#
129 0.0 8.6 13.0#

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.107 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071636.D
Acq: 29 Mar 2022 16:54



Tgt Ion:180 Resp: 452
Ion Ratio Lower Upper
180 100
182 151.5 47.8 143.3#
145 0.0 15.5 46.5#

