

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071637.D
 Acq On : 29 Mar 2022 17:18
 Operator : JC\MD
 Sample : N1645-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 30 09:14:26 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	8.080	168	580151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	949860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	793769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	259241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	391397	56.267	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.540%			
35) Dibromofluoromethane	8.016	113	310833	53.283	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.560%			
50) Toluene-d8	10.439	98	1218567	50.641	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.280%			
62) 4-Bromofluorobenzene	12.727	95	335762	42.773	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	2334	0.411	ug/l	89
3) Chloromethane	2.299	50	5037	0.753	ug/l #	88
4) Vinyl Chloride	2.440	62	3093	0.416	ug/l	98
5) Bromomethane	2.863	94	4227	0.968	ug/l #	65
6) Chloroethane	3.022	64	2617	0.487	ug/l #	48
7) Trichlorofluoromethane	3.375	101	3515	0.397	ug/l	84
8) Diethyl Ether	3.816	74	1620	0.440	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.228	101	2123	0.395	ug/l #	85
10) Methyl Iodide	4.440	142	2964	0.374	ug/l #	87
11) Tert butyl alcohol	5.375	59	2424	1.974	ug/l #	72
12) 1,1-Dichloroethene	4.192	96	2162	0.415	ug/l #	79
13) Acrolein	4.051	56	2896	2.826	ug/l	90
14) Allyl chloride	4.851	41	3823	0.460	ug/l #	34
15) Acrylonitrile	5.545	53	7140	2.081	ug/l	97
16) Acetone	4.304	43	7505	2.617	ug/l #	84
17) Carbon Disulfide	4.540	76	5933	0.457	ug/l	96
18) Methyl Acetate	4.863	43	13811	1.558	ug/l #	78
19) Methyl tert-butyl Ether	5.622	73	7601	0.400	ug/l #	85
20) Methylene Chloride	5.087	84	3562	0.562	ug/l #	84
21) trans-1,2-Dichloroethene	5.592	96	2389	0.429	ug/l #	65
22) Diisopropyl ether	6.486	45	6714	0.378	ug/l #	83
23) Vinyl Acetate	6.434	43	27348	1.824	ug/l #	89
24) 1,1-Dichloroethane	6.392	63	4091	0.387	ug/l #	82
25) 2-Butanone	7.339	43	8866	1.986	ug/l	98
26) 2,2-Dichloropropane	7.316	77	3922	0.431	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	2713	0.396	ug/l	95
28) Bromochloromethane	7.657	49	2047	0.479	ug/l #	99
29) Tetrahydrofuran	7.692	42	5951	2.054	ug/l	95
30) Chloroform	7.810	83	4680	0.432	ug/l	96
31) Cyclohexane	8.086	56	14102	1.452	ug/l #	1
32) 1,1,1-Trichloroethane	8.016	97	3981	0.423	ug/l #	51
36) 1,1-Dichloropropene	8.222	75	3714	0.443	ug/l #	72
37) Ethyl Acetate	7.410	43	3309	0.361	ug/l #	88
38) Carbon Tetrachloride	8.198	117	3822	0.460	ug/l	96
39) Methylcyclohexane	9.457	83	3250	0.313	ug/l #	77
40) Benzene	8.451	78	10509	0.408	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.639	41	2198	0.493	ug/l #	62
42) 1,2-Dichloroethane	8.516	62	4182	0.470	ug/l	98
43) Isopropyl Acetate	8.627	43	94100	5.782	ug/l #	54
44) Trichloroethene	9.210	130	2754	0.407	ug/l	90
45) 1,2-Dichloropropane	9.486	63	2551	0.402	ug/l #	83
46) Dibromomethane	9.575	93	1767	0.407	ug/l	95
47) Bromodichloromethane	9.757	83	3475	0.406	ug/l	90
48) Methyl methacrylate	9.551	41	2647	0.401	ug/l	90
49) 1,4-Dioxane	9.569	88	818	5.625	ug/l #	80
51) 4-Methyl-2-Pentanone	10.327	43	16875	1.877	ug/l	93
52) Toluene	10.498	92	6092	0.368	ug/l	87
53) t-1,3-Dichloropropene	10.716	75	3175	0.341	ug/l #	78
54) cis-1,3-Dichloropropene	10.180	75	3467	0.343	ug/l #	83
55) 1,1,2-Trichloroethane	10.886	97	2818	0.423	ug/l	89
56) Ethyl methacrylate	10.763	69	3225	0.324	ug/l #	93
57) 1,3-Dichloropropane	11.033	76	4354	0.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	3507	1.370	ug/l	93
59) 2-Hexanone	11.086	43	12896	2.005	ug/l	89
60) Dibromochloromethane	11.227	129	2694	0.403	ug/l	99
61) 1,2-Dibromoethane	11.339	107	2403	0.356	ug/l	95
64) Tetrachloroethene	10.974	164	2354	0.429	ug/l #	88
65) Chlorobenzene	11.768	112	7372	0.445	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.839	131	2388	0.402	ug/l #	59
67) Ethyl Benzene	11.839	91	10263	0.359	ug/l	95
68) m/p-Xylenes	11.945	106	6952	0.640	ug/l	98
69) o-Xylene	12.274	106	3693	0.338	ug/l	100
70) Styrene	12.286	104	5129	0.308	ug/l	95
71) Bromoform	12.451	173	1675	0.358	ug/l #	86
73) Isopropylbenzene	12.568	105	8248	0.364	ug/l	96
74) N-amyl acetate	12.386	43	2666	0.387	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	4031	0.531	ug/l	94
76) 1,2,3-Trichloropropane	12.880	75	3773m	0.606	ug/l	
77) Bromobenzene	12.857	156	2676	0.469	ug/l	96
78) n-propylbenzene	12.915	91	9229	0.377	ug/l	96
79) 2-Chlorotoluene	13.004	91	6445	0.421	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	6415	0.358	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	635m	0.294	ug/l	
82) 4-Chlorotoluene	13.098	91	6157	0.431	ug/l	98
83) tert-Butylbenzene	13.315	119	6065	0.369	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	5098	0.291	ug/l	91
85) sec-Butylbenzene	13.498	105	6959	0.321	ug/l	98
86) p-Isopropyltoluene	13.610	119	5576	0.323	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	3685	0.400	ug/l	95
88) 1,4-Dichlorobenzene	13.686	146	4073m	0.446	ug/l	
89) n-Butylbenzene	13.945	91	4102	0.315	ug/l	99
90) Hexachloroethane	14.204	117	1140	0.352	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	3831	0.425	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.604	75	334	0.255	ug/l	54
93) 1,2,4-Trichlorobenzene	15.256	180	1123	0.282	ug/l #	91
94) Hexachlorobutadiene	15.362	225	961	0.383	ug/l	96
95) Naphthalene	15.498	128	2269	0.209	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.704	180	985	0.247	ug/l #	78

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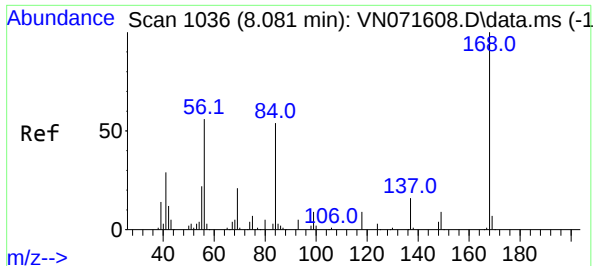
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

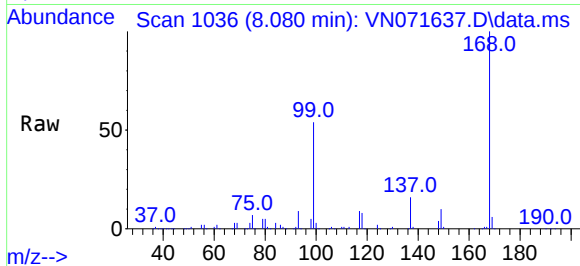
Quant Time: Mar 30 09:14:26 2022
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071637.D
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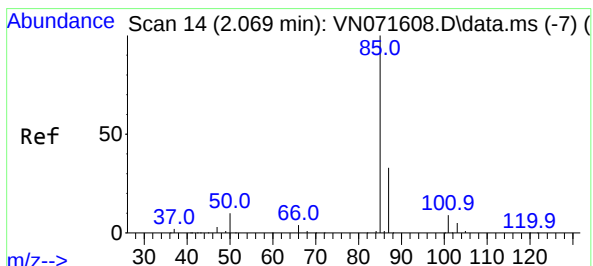
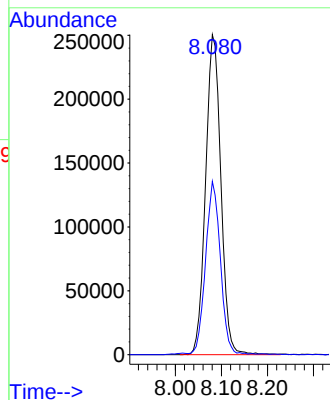
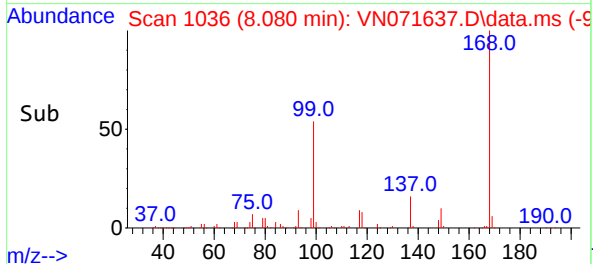
Instrument : MSVOA_N
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Tgt Ion:168 Resp: 58015
Ion Ratio Lower Upper
168 100
99 54.0 42.3 63.5

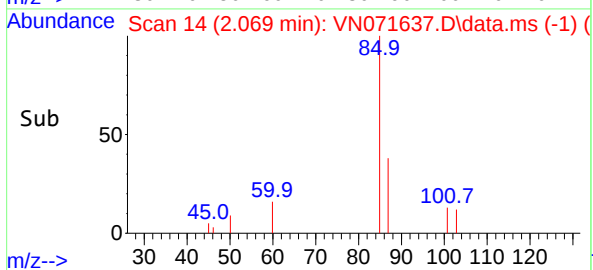
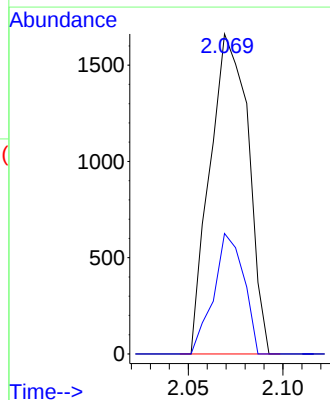
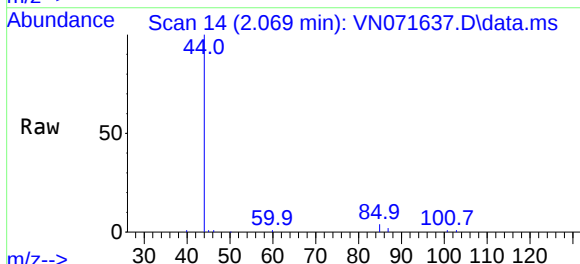
Manual Integrations
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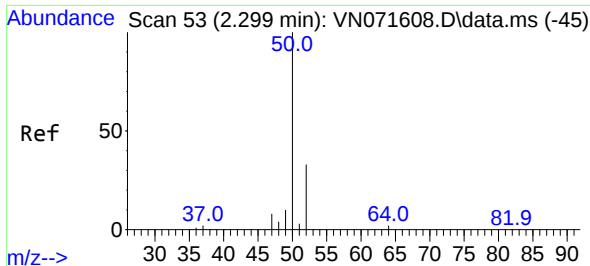
Reviewed By :John Carlone 03/30/2022
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Dichlorodifluoromethane
Concen: 0.411 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

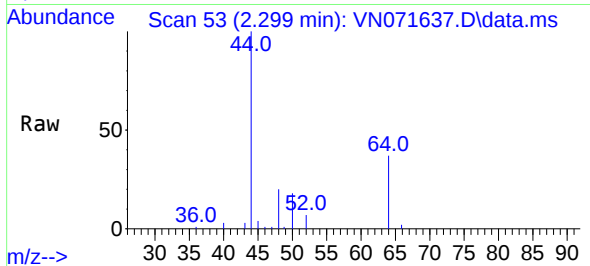
Tgt Ion: 85 Resp: 2334
Ion Ratio Lower Upper
85 100
87 37.7 15.7 47.1





#3
Chloromethane
Concen: 0.753 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

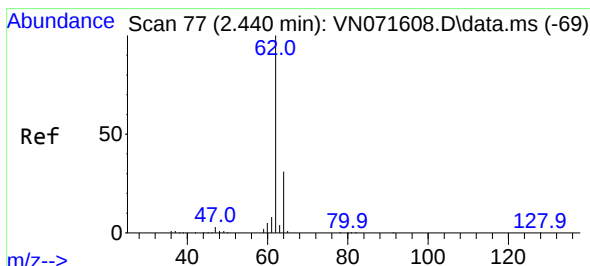
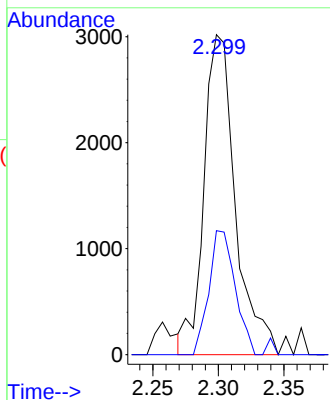
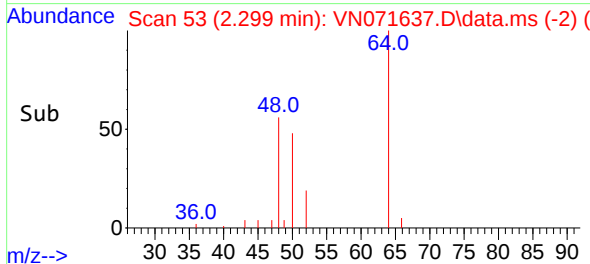
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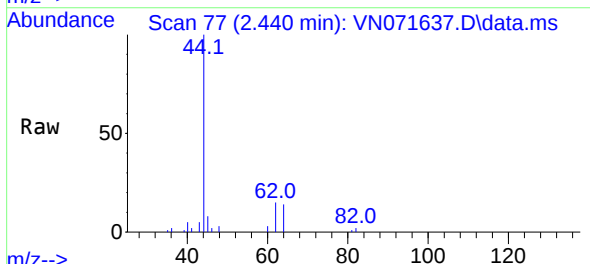
Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 38.8 25.7 38.5

Manual Integrations
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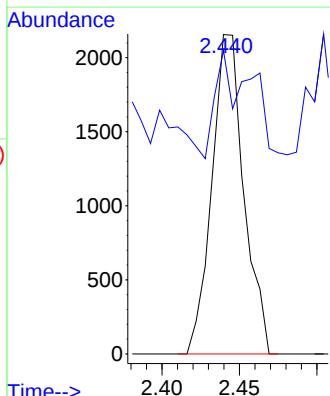
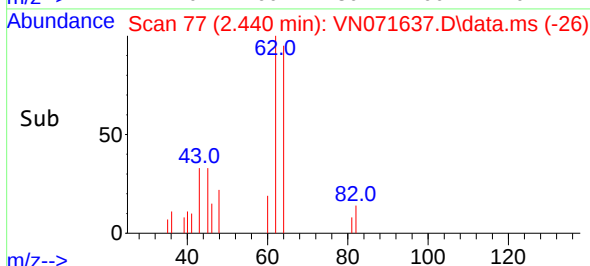
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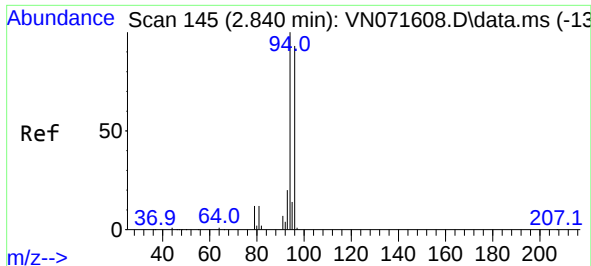


#4
Vinyl Chloride
Concen: 0.416 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071637.D
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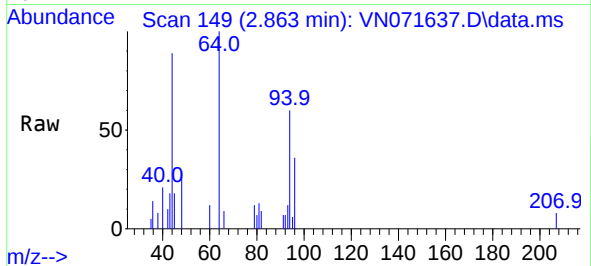
Tgt Ion: 62 Resp: 3093
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





#5
Bromomethane
Concen: 0.968 ug/l
RT: 2.863 min Scan# 145
Delta R.T. 0.023 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

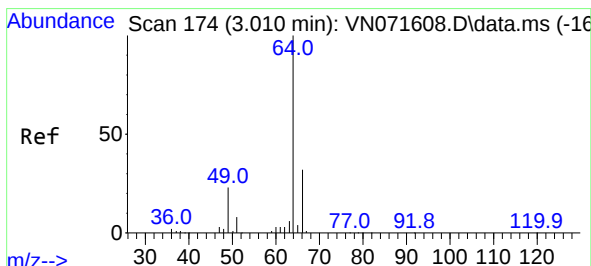
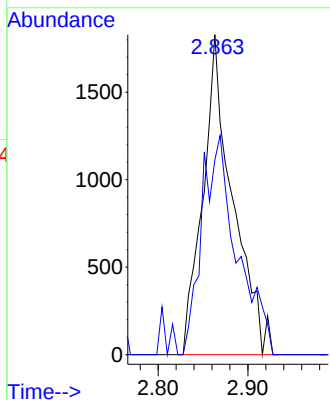
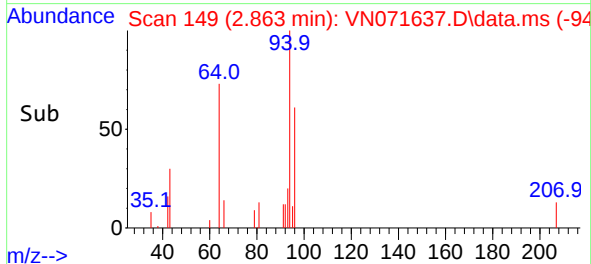
Instrument :
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Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 60.9 76.0 114.0

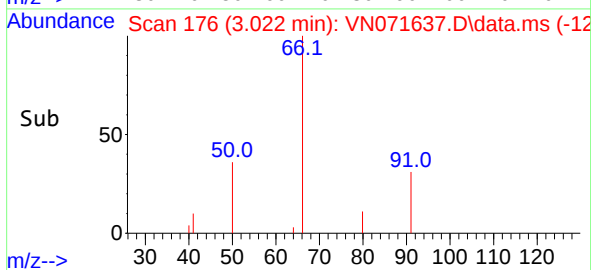
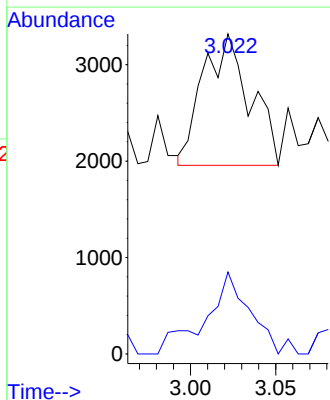
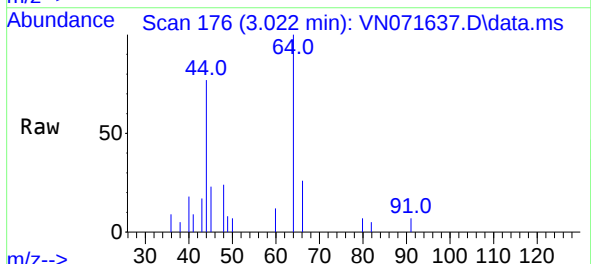
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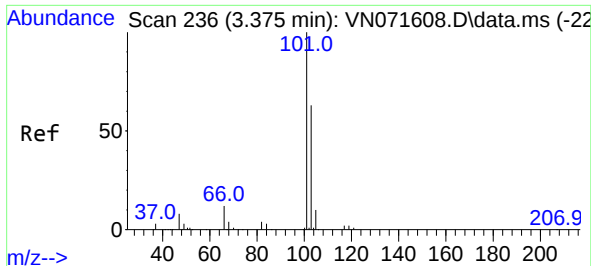
Reviewed By :John Carlone 03/30/2022
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#6
Chloroethane
Concen: 0.487 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.012 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

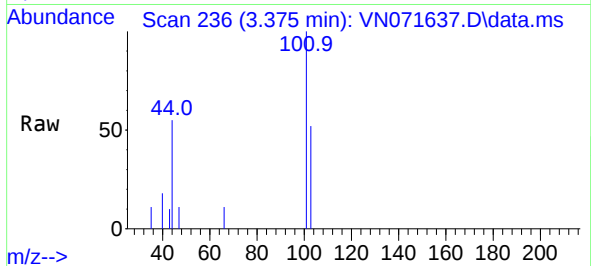
Tgt Ion: 64 Resp: 2617
Ion Ratio Lower Upper
64 100
66 62.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.397 ug/l
RT: 3.375 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

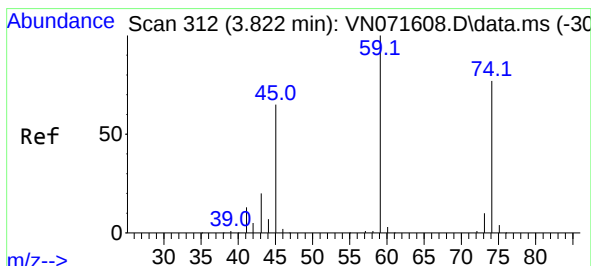
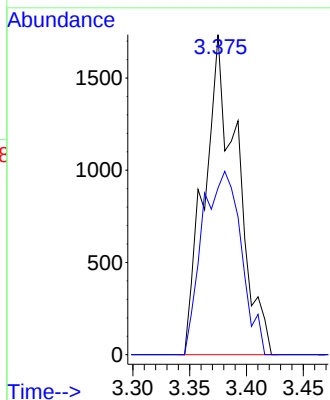
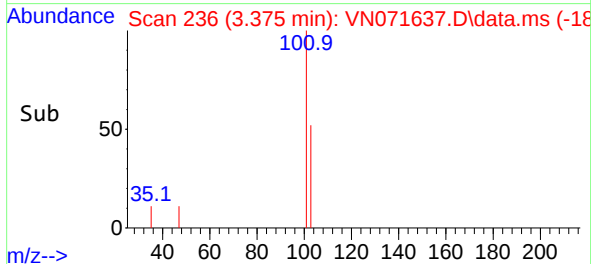
Instrument :
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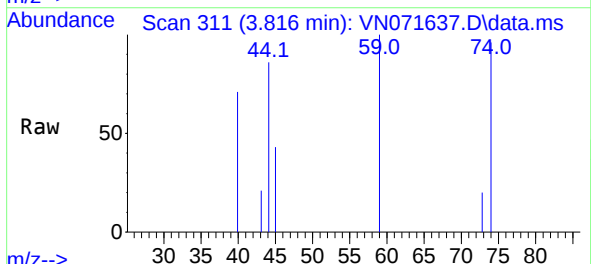
Tgt Ion:101 Resp: 351
Ion Ratio Lower Upper
101 100
103 52.1 51.5 77.3

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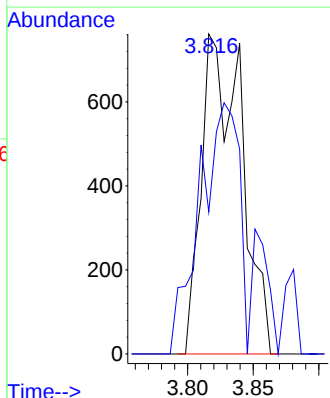
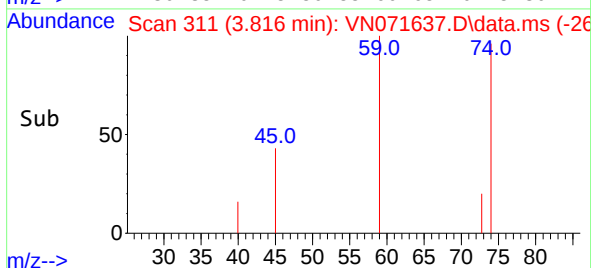
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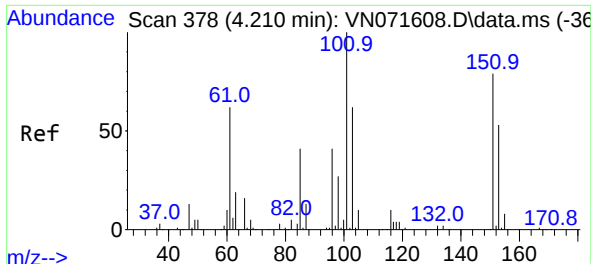


#8
Diethyl Ether
Concen: 0.440 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



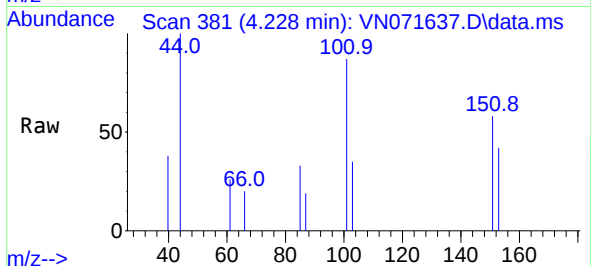
Tgt Ion: 74 Resp: 1620
Ion Ratio Lower Upper
74 100
45 77.0 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.395 ug/l
RT: 4.228 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

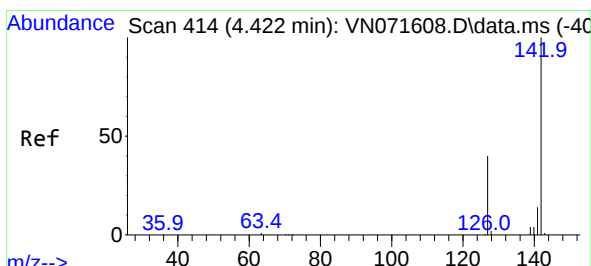
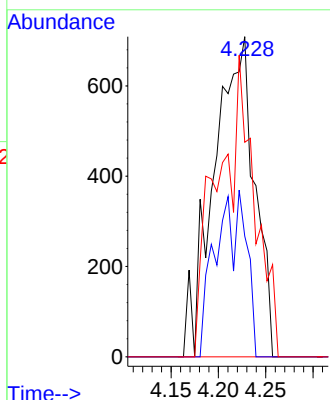
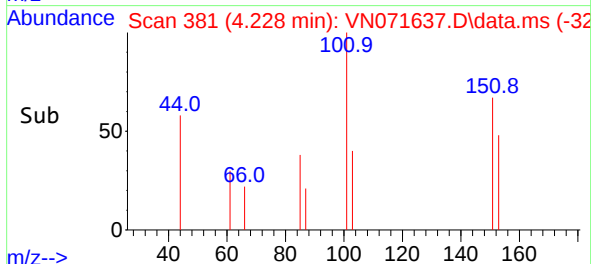
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



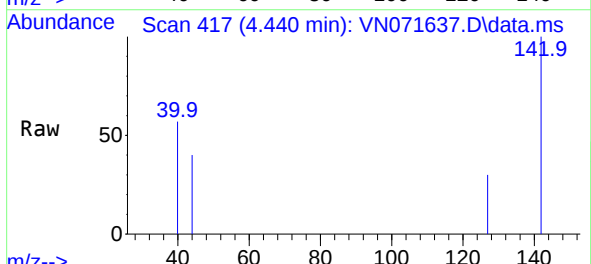
Tgt Ion:101 Resp: 212
Ion Ratio Lower Upper
101 100
85 24.6 34.7 52.1
151 85.0 63.0 94.4

Manual Integrations
APPROVED

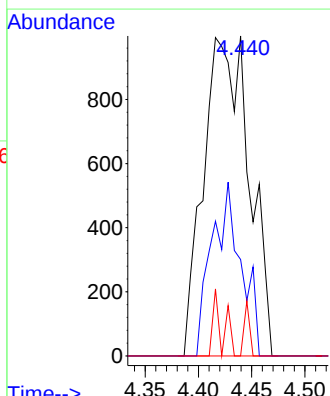
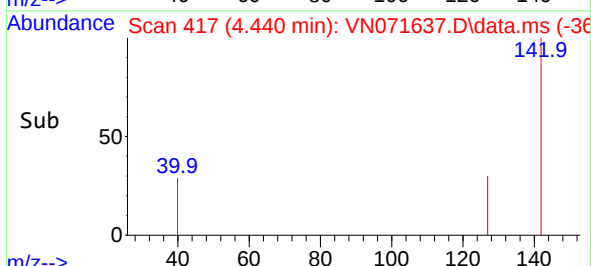
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

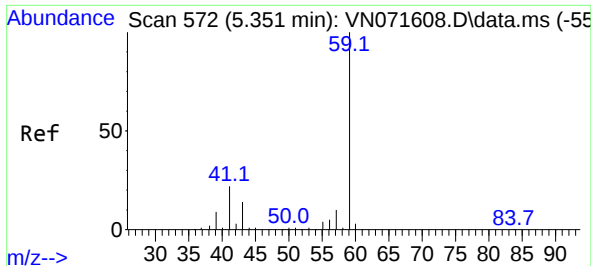


#10
Methyl Iodide
Concen: 0.374 ug/l
RT: 4.440 min Scan# 417
Delta R.T. 0.018 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



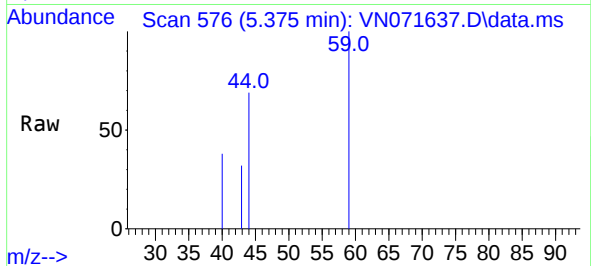
Tgt Ion:142 Resp: 2964
Ion Ratio Lower Upper
142 100
127 34.9 31.3 46.9
141 2.0 11.2 16.8#





#11
Tert butyl alcohol
Concen: 1.974 ug/l
RT: 5.375 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

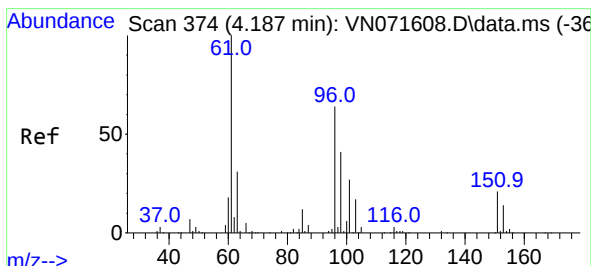
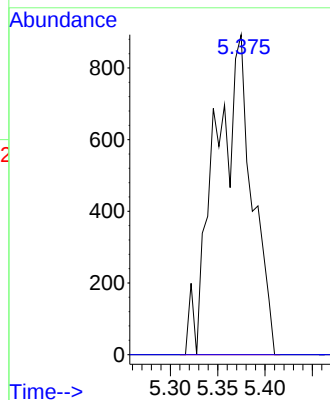
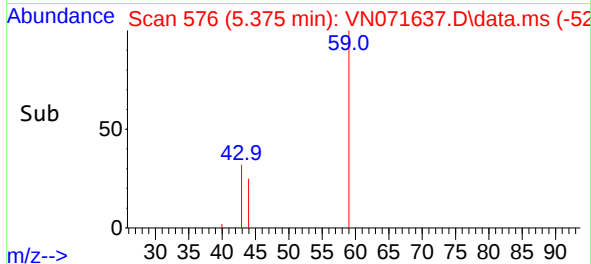
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



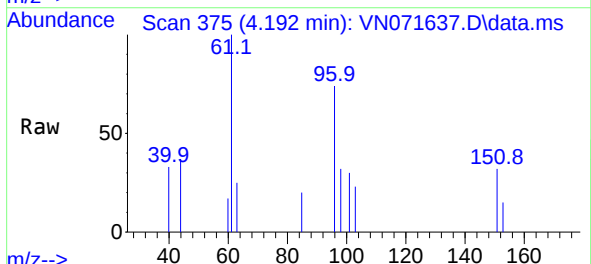
Tgt Ion: 59 Resp: 2424
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

Manual Integrations
APPROVED

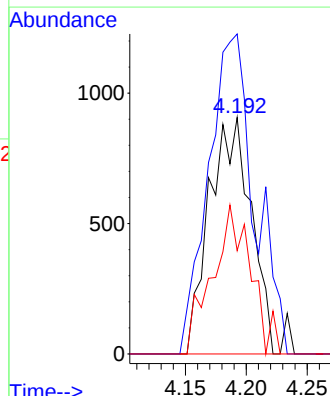
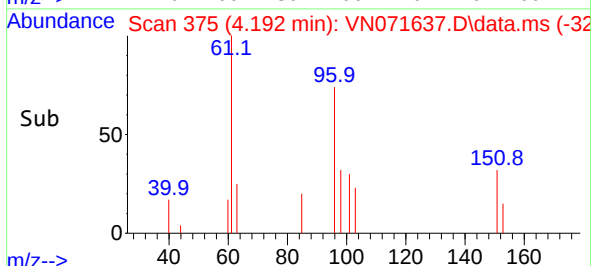
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

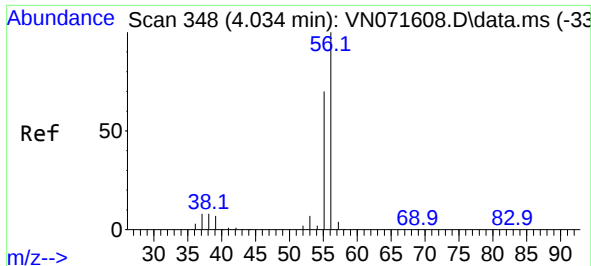


#12
1,1-Dichloroethene
Concen: 0.415 ug/l
RT: 4.192 min Scan# 375
Delta R.T. 0.005 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



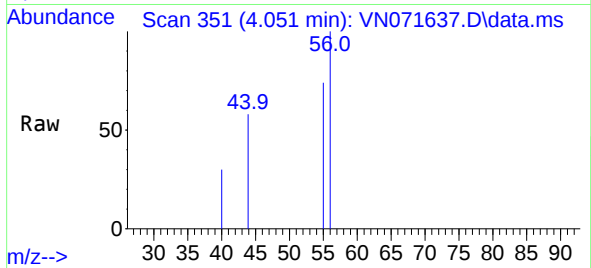
Tgt Ion: 96 Resp: 2162
Ion Ratio Lower Upper
96 100
61 135.3 127.6 191.4
98 43.7 51.2 76.8





#13
Acrolein
Concen: 2.826 ug/l
RT: 4.051 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

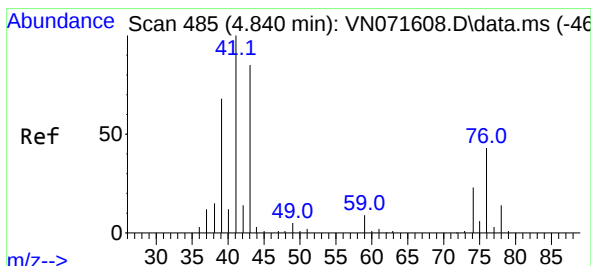
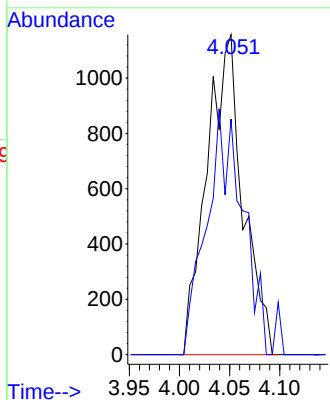
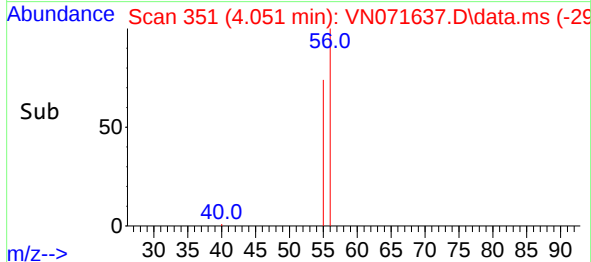
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



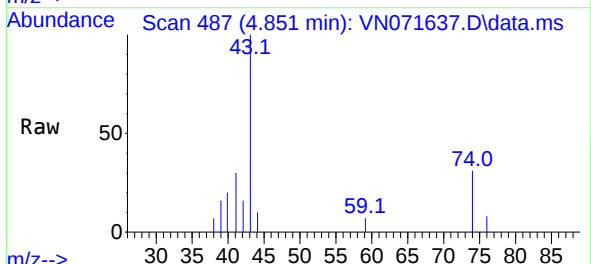
Tgt Ion: 56 Resp: 2890
Ion Ratio Lower Upper
56 100
55 76.8 54.8 82.2

Manual Integrations
APPROVED

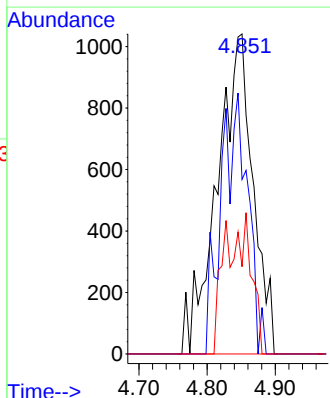
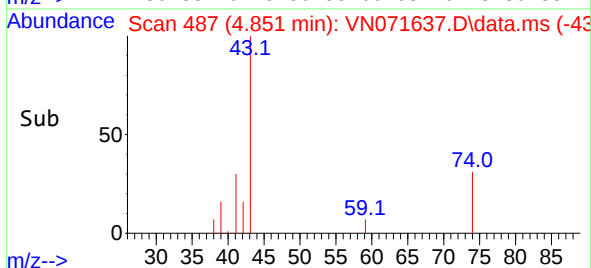
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

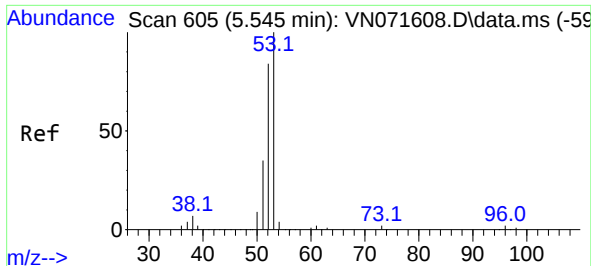


#14
Allyl chloride
Concen: 0.460 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.011 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



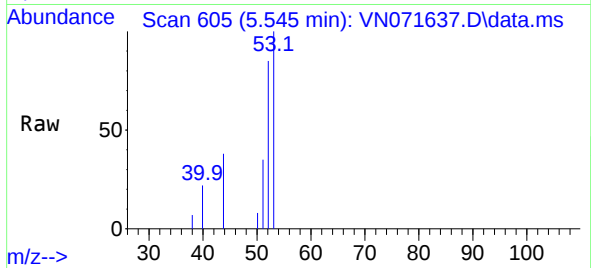
Tgt Ion: 41 Resp: 3823
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 16.8 29.9 44.9#





#15
Acrylonitrile
Concen: 2.081 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

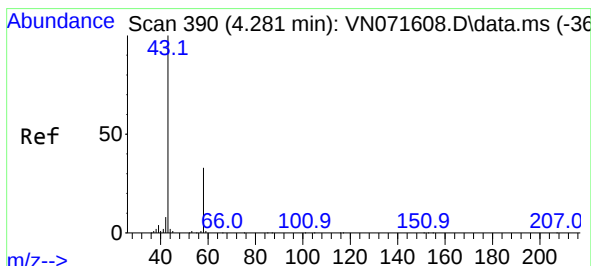
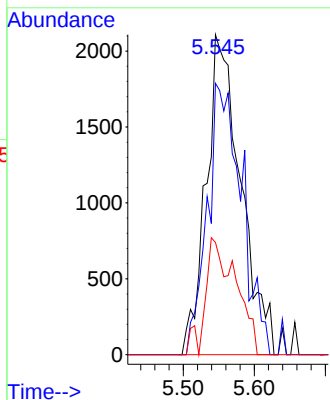
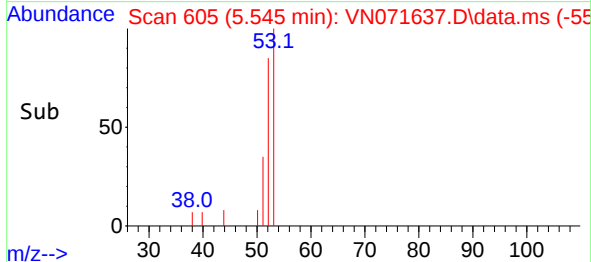
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



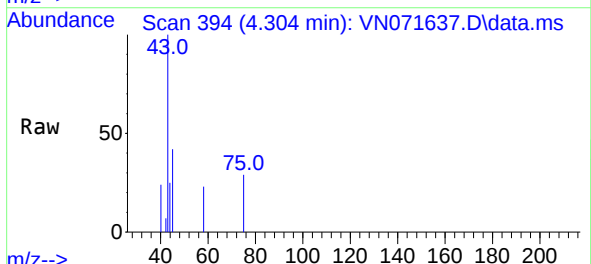
Tgt Ion: 53 Resp: 7140
Ion Ratio Lower Upper
53 100
52 84.1 66.4 99.6
51 32.4 28.5 42.7

Manual Integrations
APPROVED

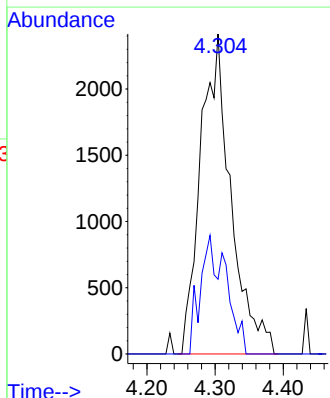
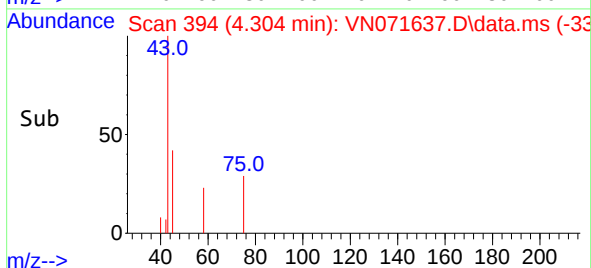
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

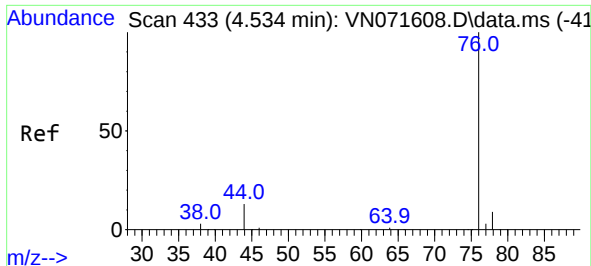


#16
Acetone
Concen: 2.617 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



Tgt Ion: 43 Resp: 7505
Ion Ratio Lower Upper
43 100
58 23.3 26.0 39.0#





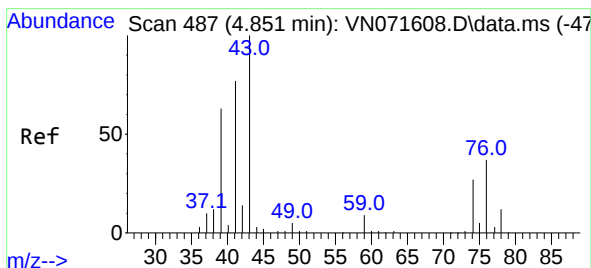
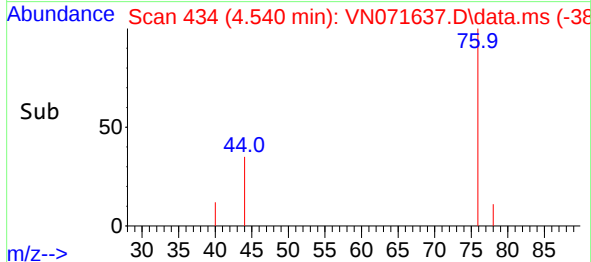
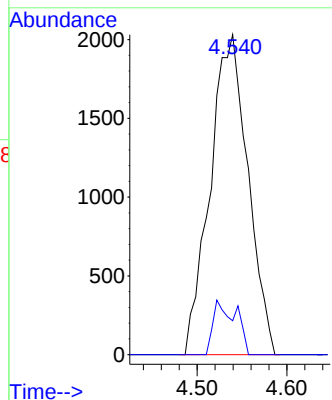
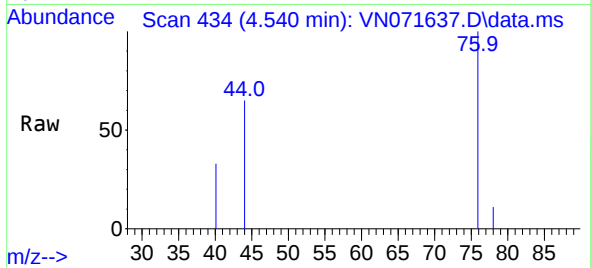
#17
Carbon Disulfide
Concen: 0.457 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

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

Tgt Ion: 76 Resp: 593
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8

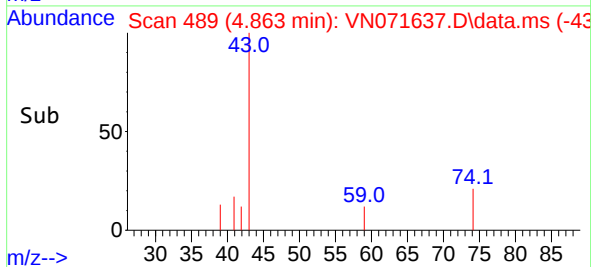
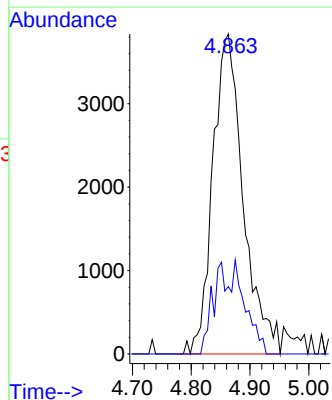
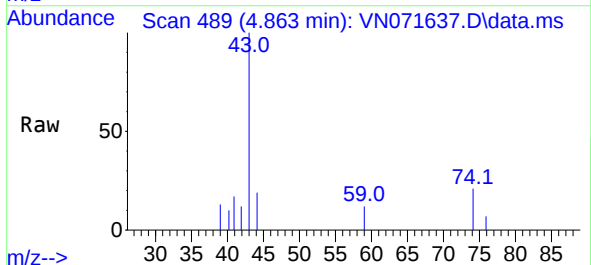
Manual Integrations
APPROVED

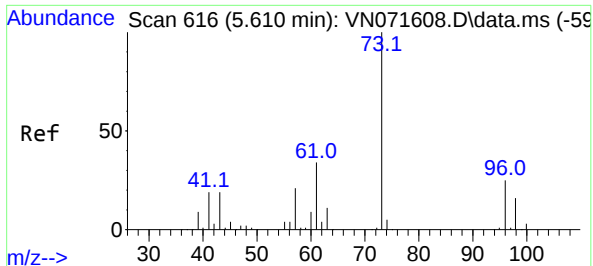
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#18
Methyl Acetate
Concen: 1.558 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

Tgt Ion: 43 Resp: 13811
Ion Ratio Lower Upper
43 100
74 15.8 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 0.400 ug/l

RT: 5.622 min Scan# 616

Delta R.T. 0.012 min

Lab File: VN071637.D

Acq: 29 Mar 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 73 Resp: 760

Ion Ratio Lower Upper

73 100

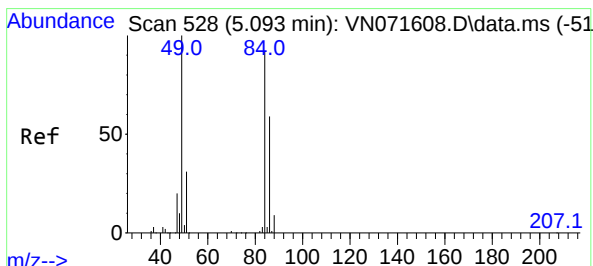
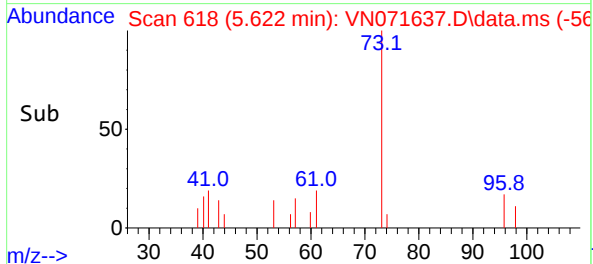
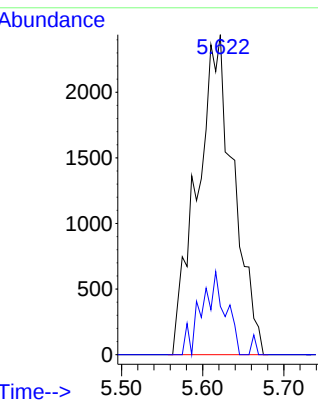
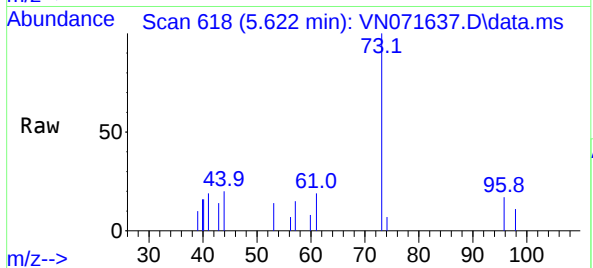
57 15.1 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#20

Methylene Chloride

Concen: 0.562 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN071637.D

Acq: 29 Mar 2022 17:18

Tgt Ion: 84 Resp: 3562

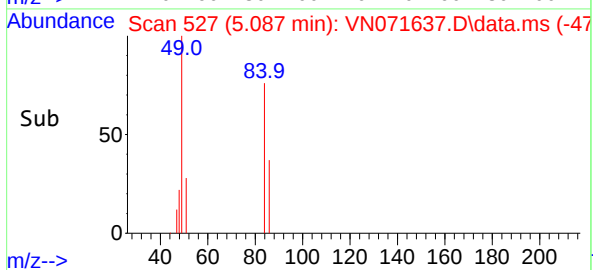
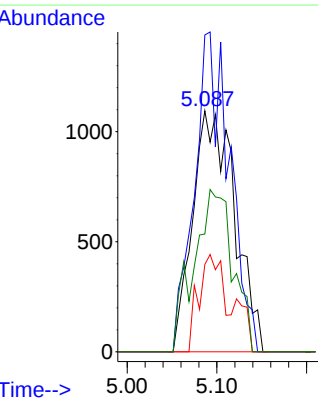
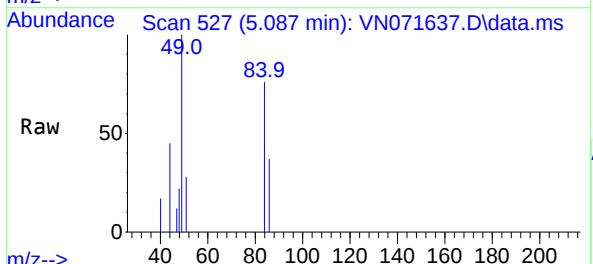
Ion Ratio Lower Upper

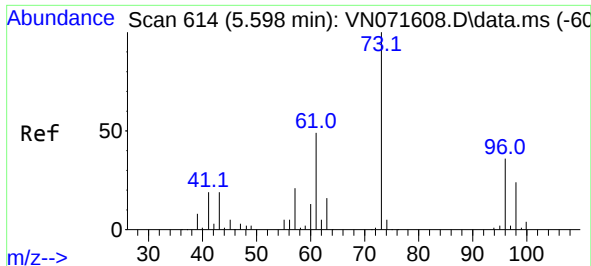
84 100

49 131.4 88.3 132.5

51 36.3 28.2 42.2

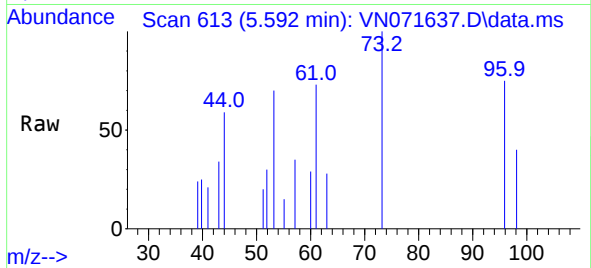
86 48.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 0.429 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

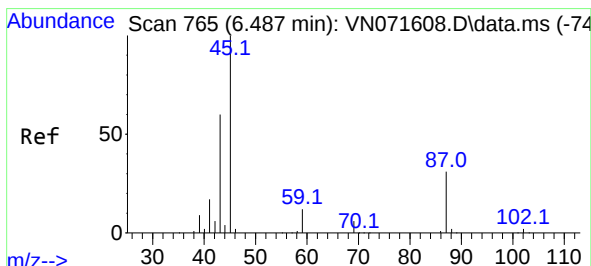
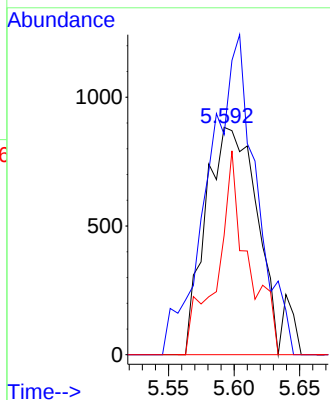
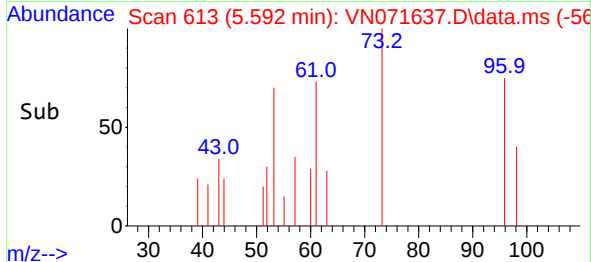
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



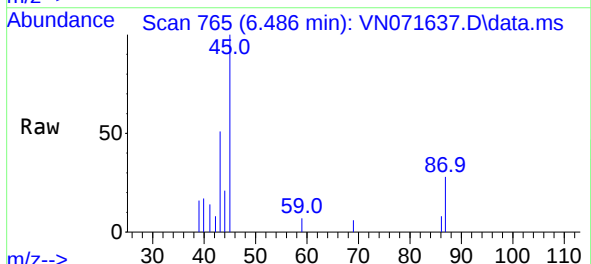
Tgt Ion: 96 Resp: 2389
Ion Ratio Lower Upper
96 100
61 78.6 105.8 158.8
98 52.5 50.3 75.5

Manual Integrations
APPROVED

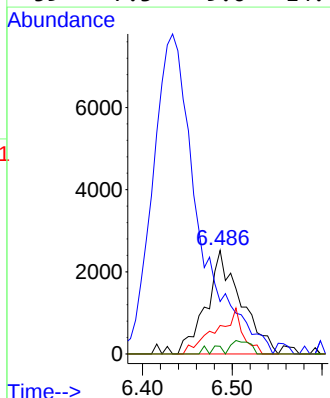
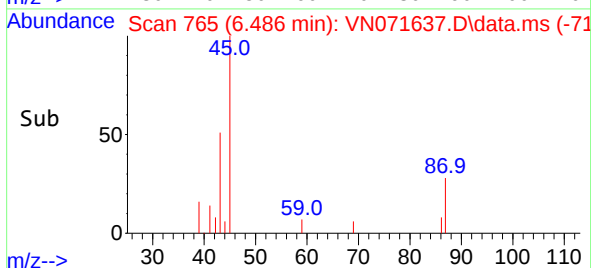
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

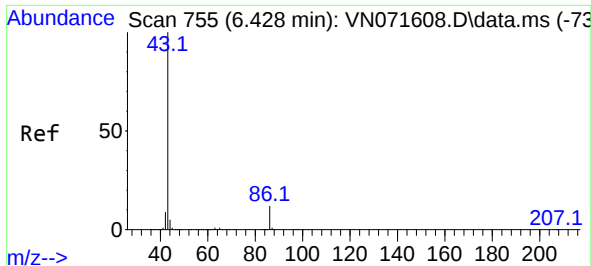


#22
Diisopropyl ether
Concen: 0.378 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.001 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



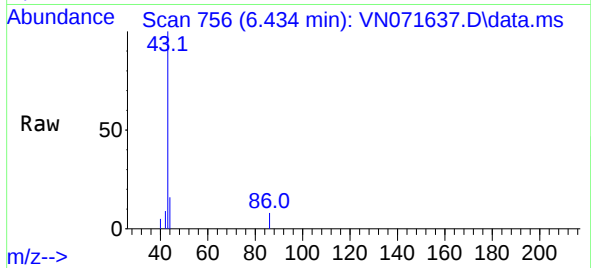
Tgt Ion: 45 Resp: 6714
Ion Ratio Lower Upper
45 100
43 40.3 46.6 70.0#
87 27.5 24.3 36.5
59 7.3 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 1.824 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071637.D
 Acq: 29 Mar 2022 17:18

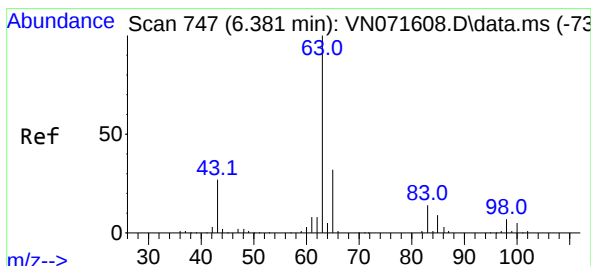
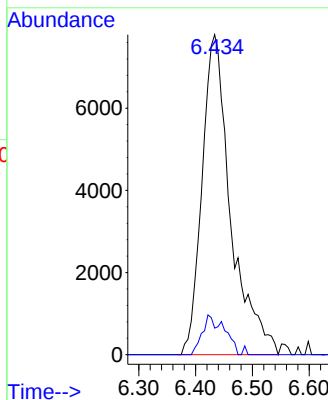
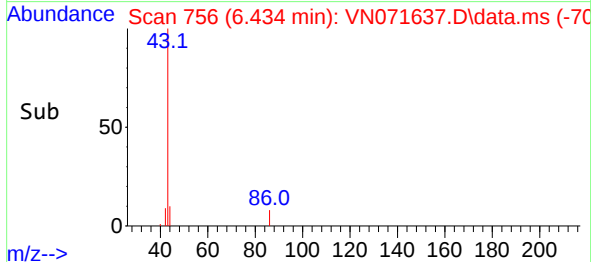
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022



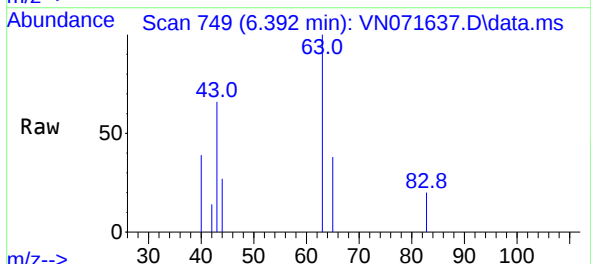
Tgt Ion: 43 Resp: 27348
 Ion Ratio Lower Upper
 43 100
 86 8.3 10.0 15.0

Manual Integrations
 APPROVED

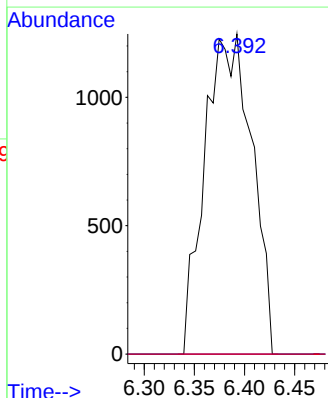
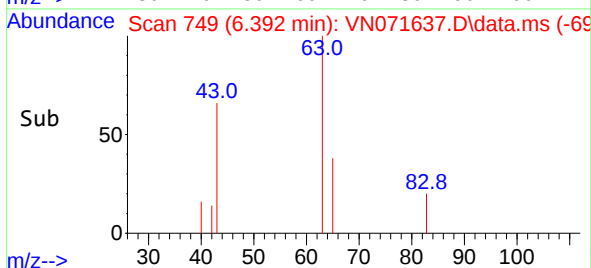
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022

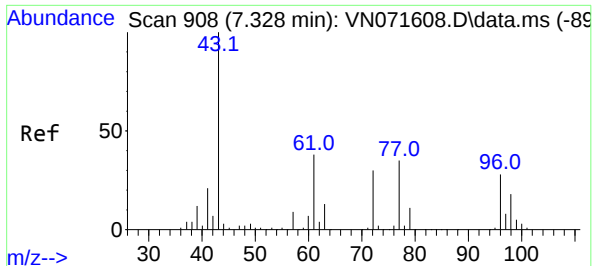


#24
 1,1-Dichloroethane
 Concen: 0.387 ug/l
 RT: 6.392 min Scan# 749
 Delta R.T. 0.011 min
 Lab File: VN071637.D
 Acq: 29 Mar 2022 17:18



Tgt Ion: 63 Resp: 4091
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 1.986 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN071637.D

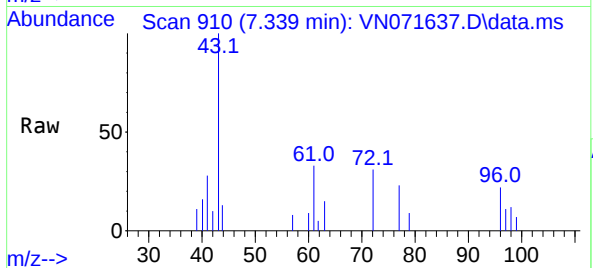
Acq: 29 Mar 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion: 43 Resp: 886

Ion Ratio Lower Upper

43 100

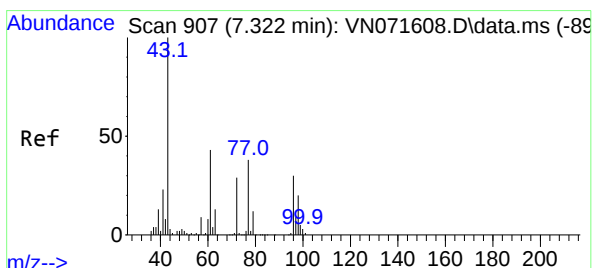
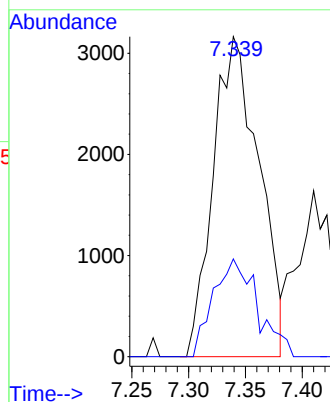
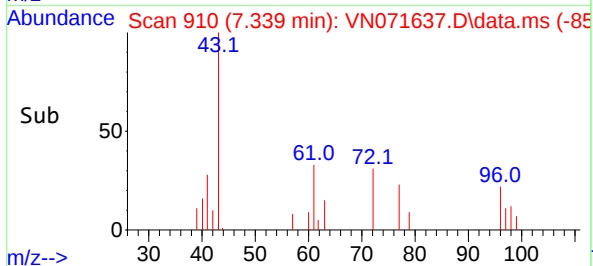
72 30.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#26

2,2-Dichloropropane

Concen: 0.431 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN071637.D

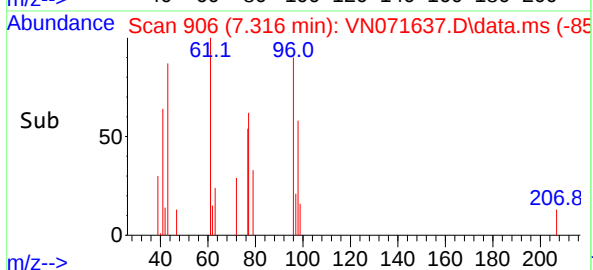
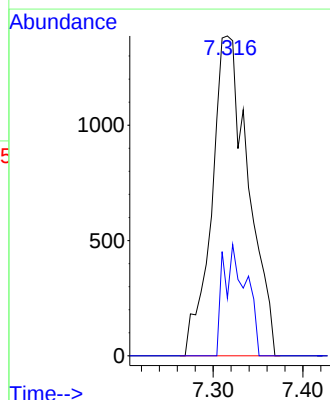
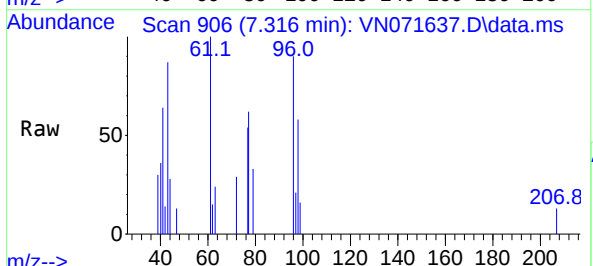
Acq: 29 Mar 2022 17:18

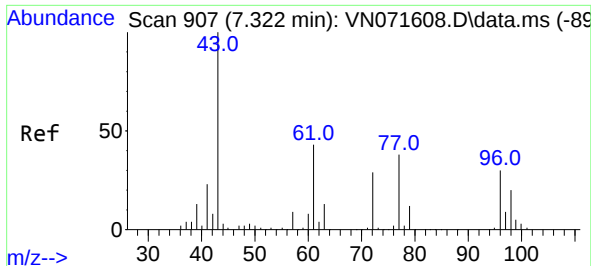
Tgt Ion: 77 Resp: 3922

Ion Ratio Lower Upper

77 100

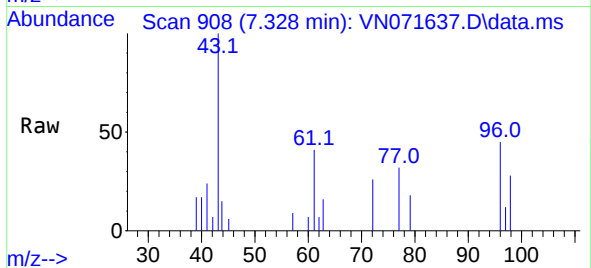
97 21.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 0.396 ug/l
 RT: 7.328 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VN071637.D
 Acq: 29 Mar 2022 17:18

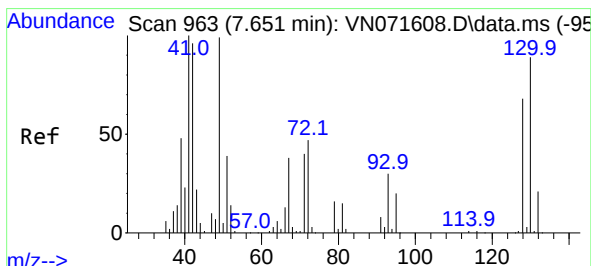
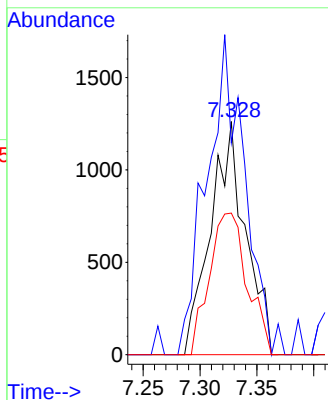
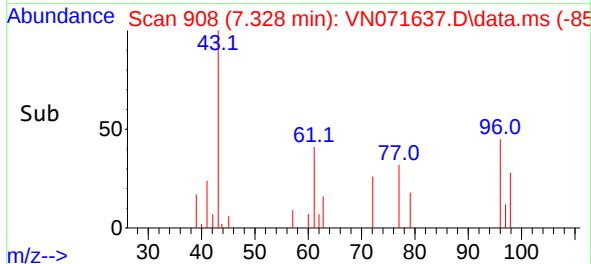
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2022



Tgt Ion: 96 Resp: 271
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 280.6
 98 65.6 0.0 128.4

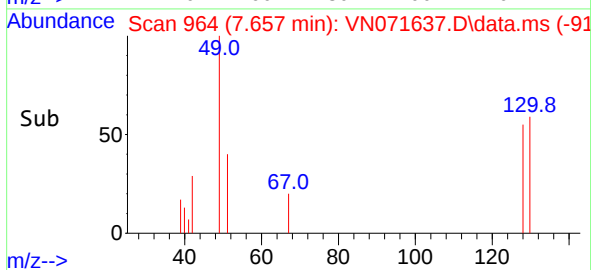
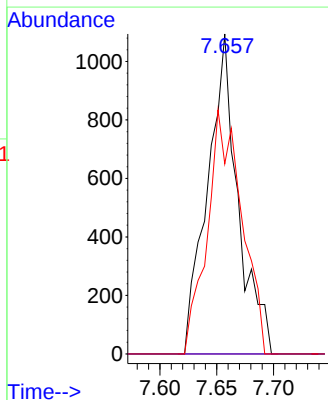
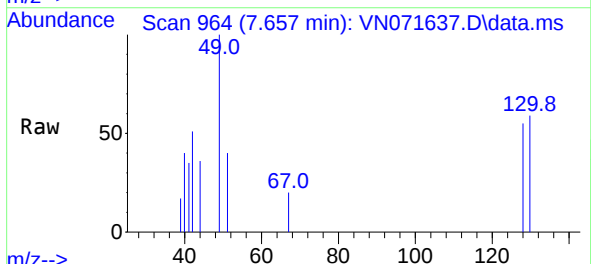
Manual Integrations
 APPROVED

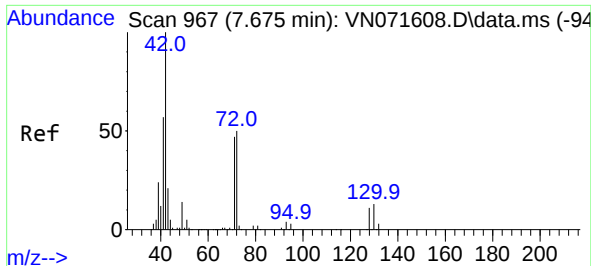
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#28
 Bromochloromethane
 Concen: 0.479 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN071637.D
 Acq: 29 Mar 2022 17:18

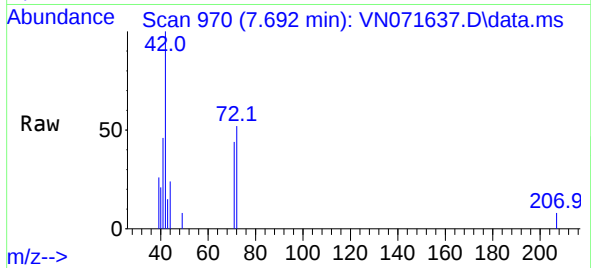
Tgt Ion: 49 Resp: 2047
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 86.1 69.7 104.5





#29
Tetrahydrofuran
Concen: 2.054 ug/l
RT: 7.692 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

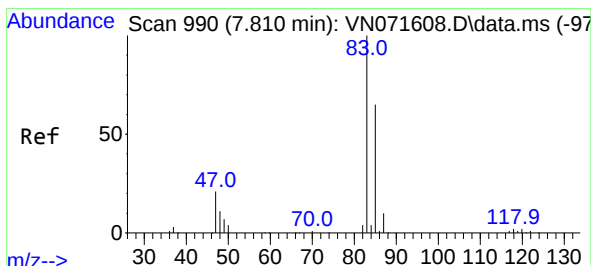
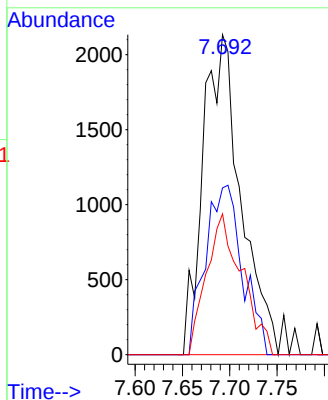
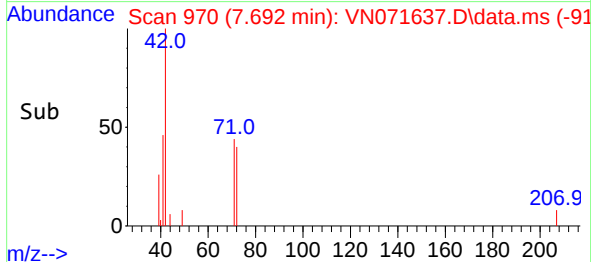
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



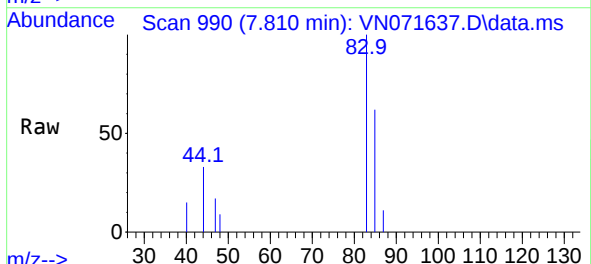
Tgt Ion: 42 Resp: 595
Ion Ratio Lower Upper
42 100
72 51.9 39.7 59.5
71 41.2 36.6 55.0

Manual Integrations
APPROVED

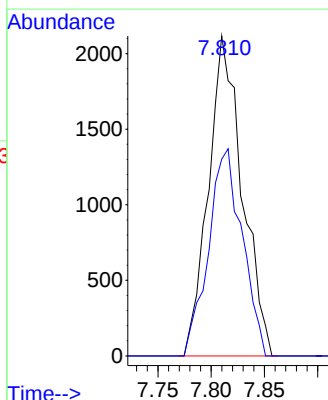
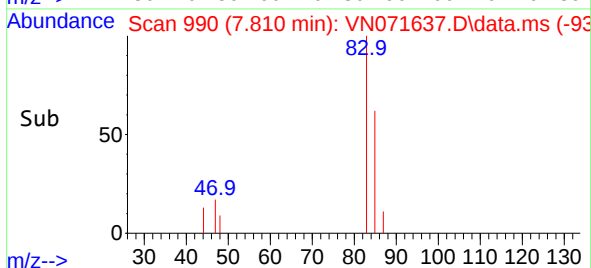
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

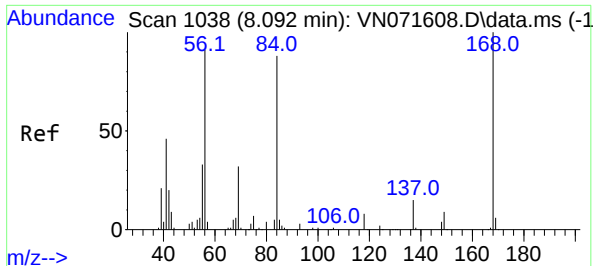


#30
Chloroform
Concen: 0.432 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



Tgt Ion: 83 Resp: 4680
Ion Ratio Lower Upper
83 100
85 61.5 51.8 77.8





#31

Cyclohexane

Concen: 1.452 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071637.D

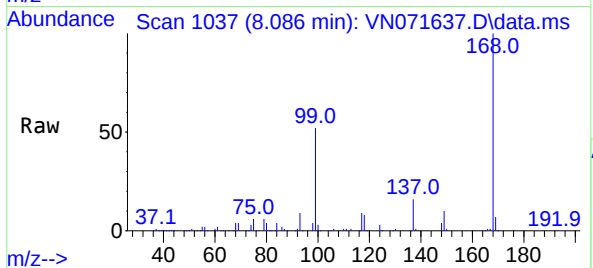
Acq: 29 Mar 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion: 56 Resp: 1410

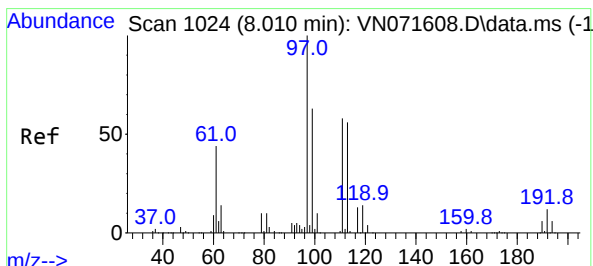
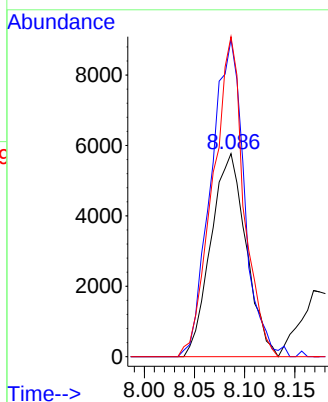
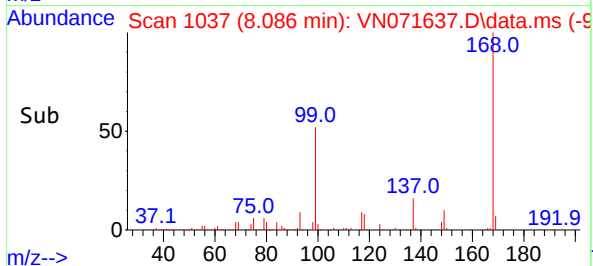
Ion	Ratio	Lower	Upper
56	100		
69	156.4	27.8	41.8
84	157.7	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#32

1,1,1-Trichloroethane

Concen: 0.423 ug/l

RT: 8.016 min Scan# 1025

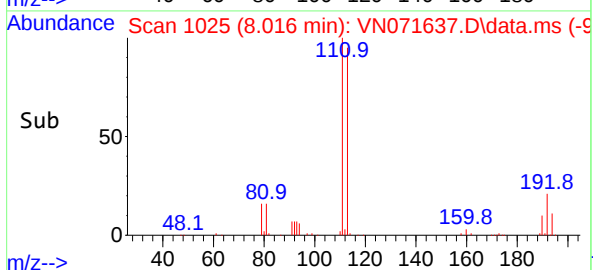
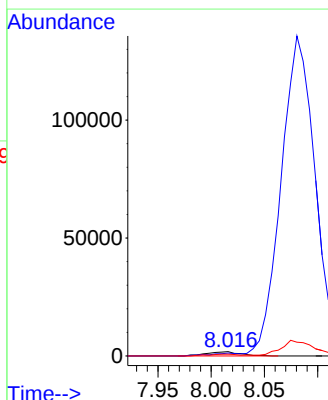
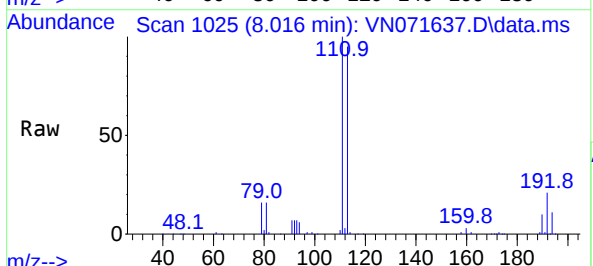
Delta R.T. 0.006 min

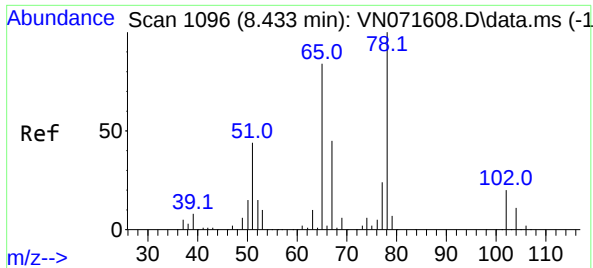
Lab File: VN071637.D

Acq: 29 Mar 2022 17:18

Tgt Ion: 97 Resp: 3981

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0
61	43.0	36.0	54.0





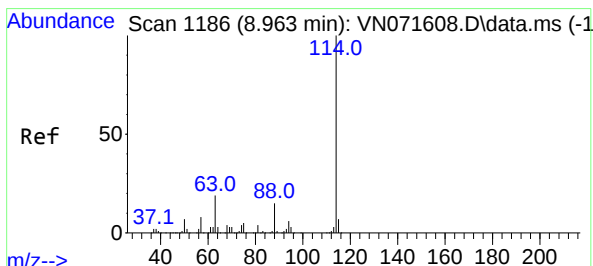
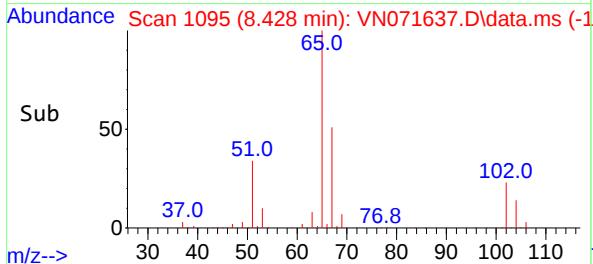
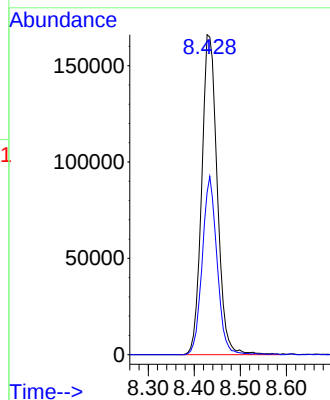
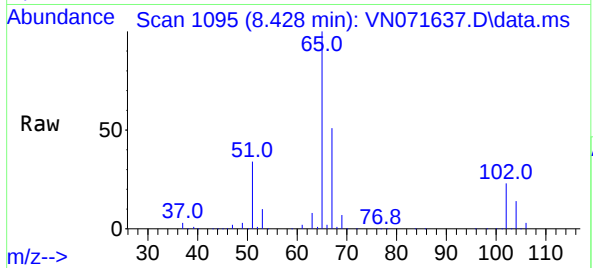
#33
1,2-Dichloroethane-d4
Concen: 56.267 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.005 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

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

Tgt Ion: 65 Resp: 391397
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

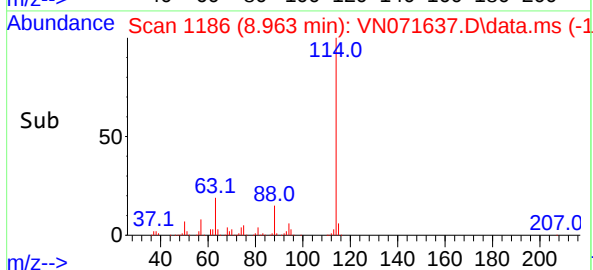
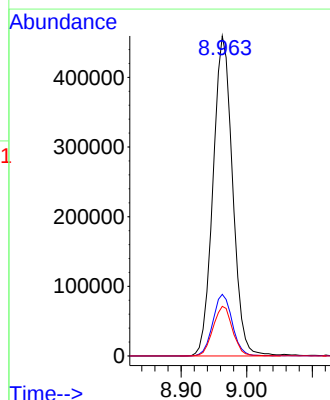
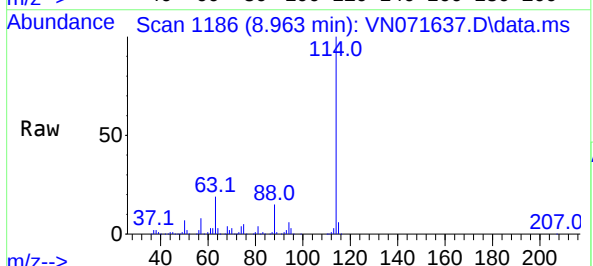
Manual Integrations
APPROVED

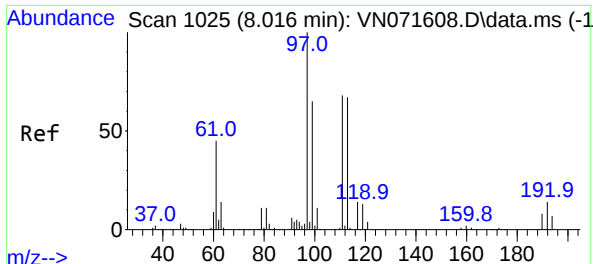
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

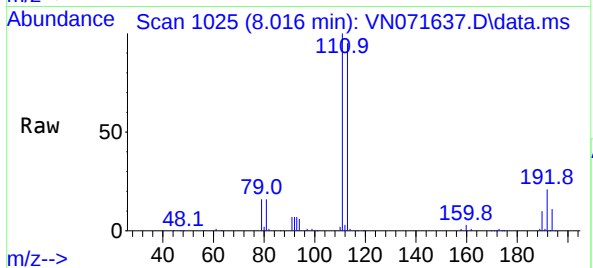
Tgt Ion:114 Resp: 949860
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.283 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

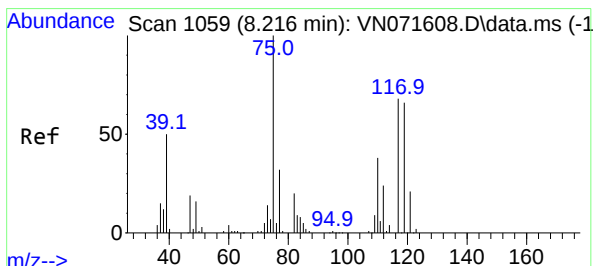
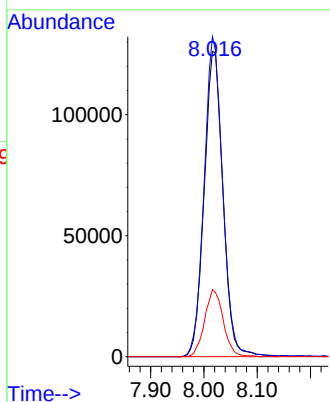
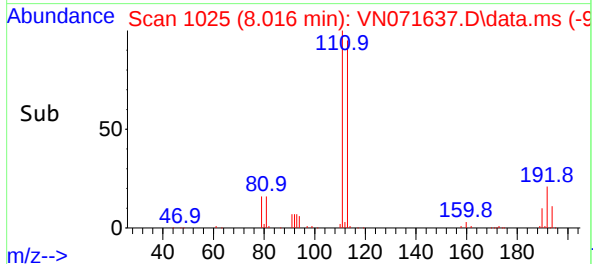
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022



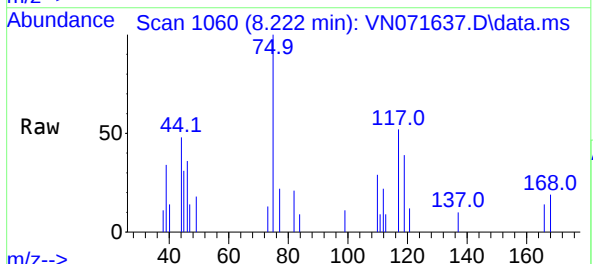
Tgt Ion: 113 Resp: 31083
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 21.7 17.0 25.6

Manual Integrations
APPROVED

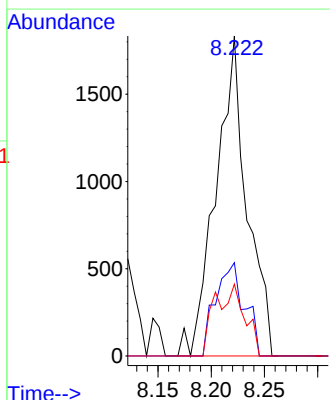
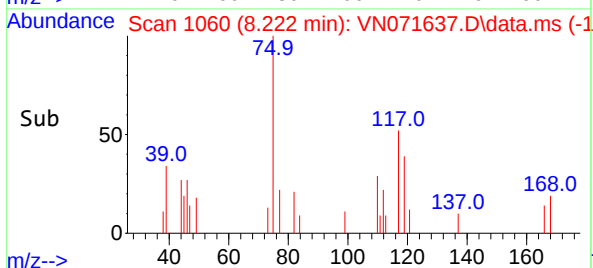
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

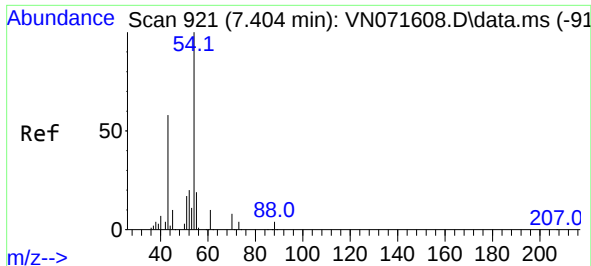


#36
1,1-Dichloropropene
Concen: 0.443 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



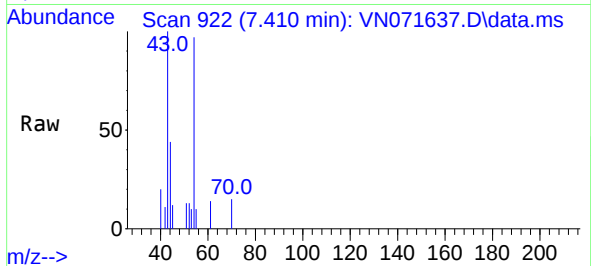
Tgt Ion: 75 Resp: 3714
Ion Ratio Lower Upper
75 100
110 27.2 18.3 54.8
77 8.5 25.1 37.7#





#37
Ethyl Acetate
Concen: 0.361 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

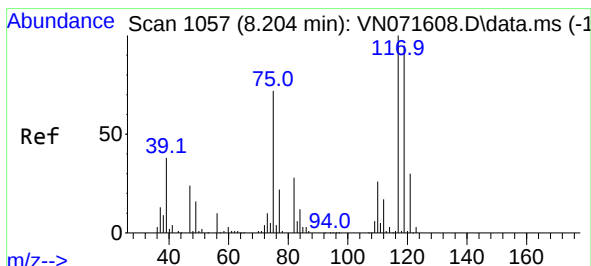
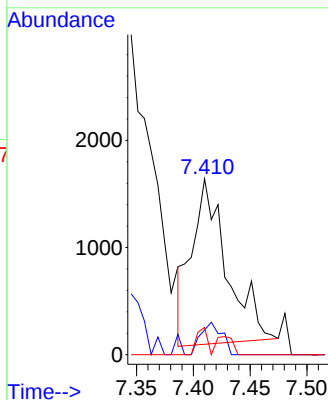
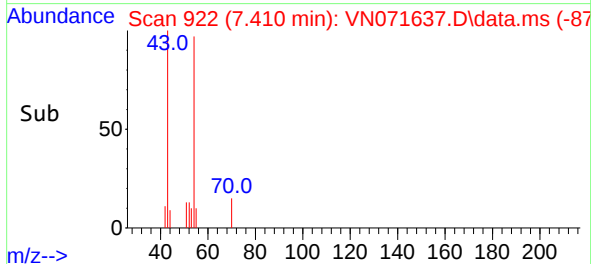
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 43 Resp: 3309
Ion Ratio Lower Upper
43 100
61 11.6 11.8 17.6
70 5.0 9.3 13.9

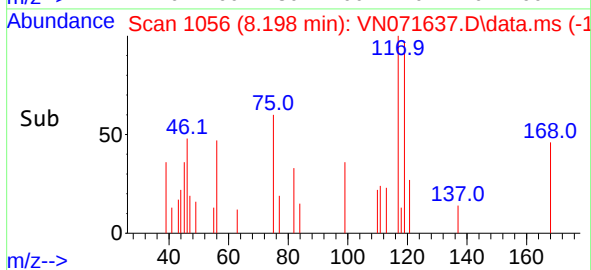
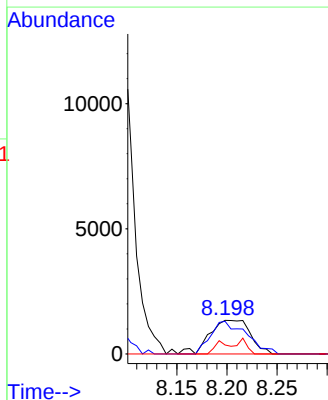
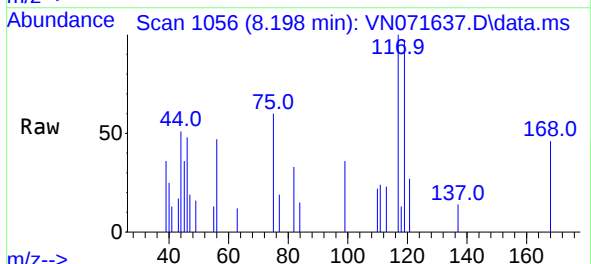
Manual Integrations
APPROVED

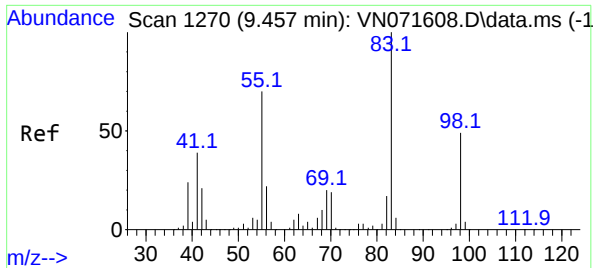
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#38
Carbon Tetrachloride
Concen: 0.460 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

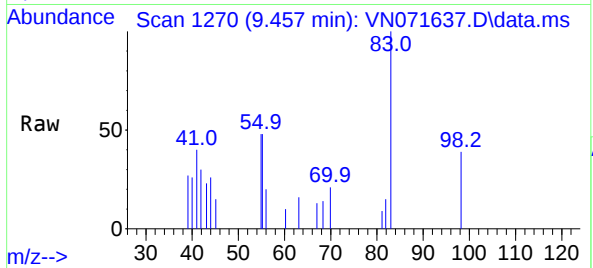
Tgt Ion:117 Resp: 3822
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
121 26.5 24.6 37.0





#39
Methylcyclohexane
Concen: 0.313 ug/l
RT: 9.457 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

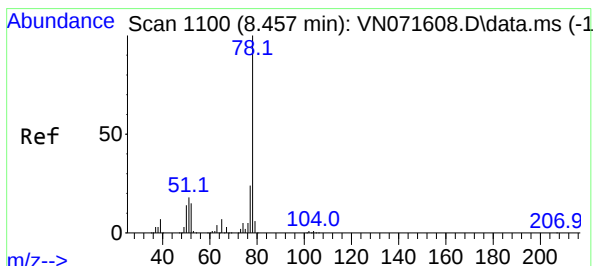
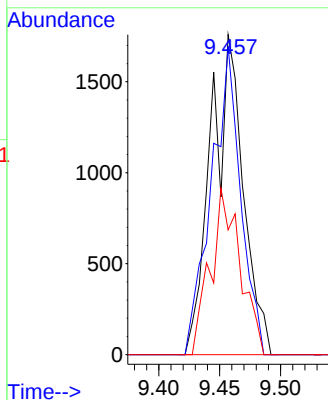
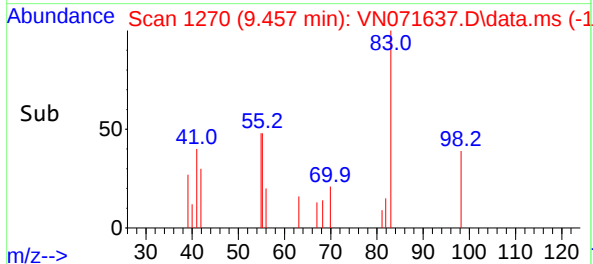
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



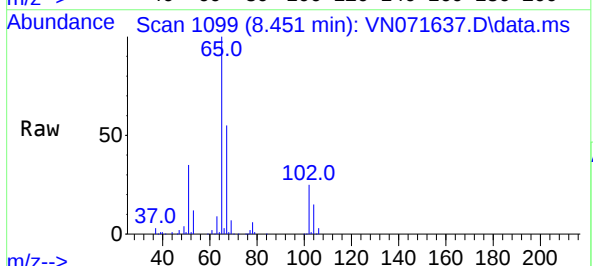
Tgt Ion: 83 Resp: 3250
Ion Ratio Lower Upper
83 100
55 96.4 57.8 86.8
98 39.0 39.4 59.2

Manual Integrations
APPROVED

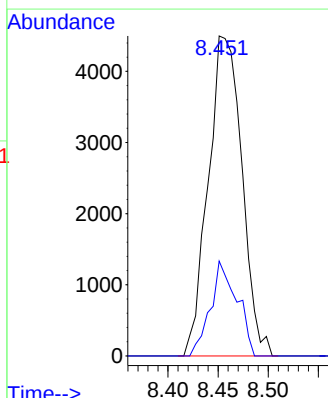
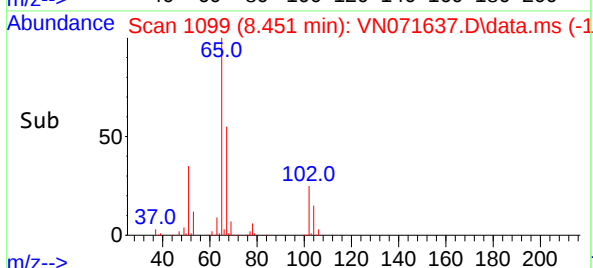
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

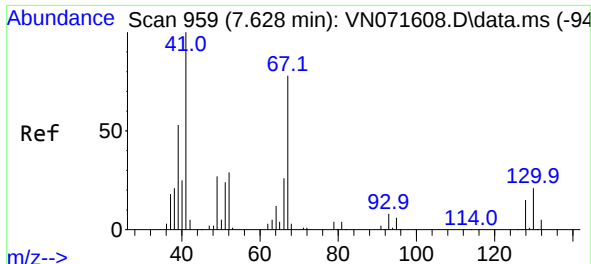


#40
Benzene
Concen: 0.408 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



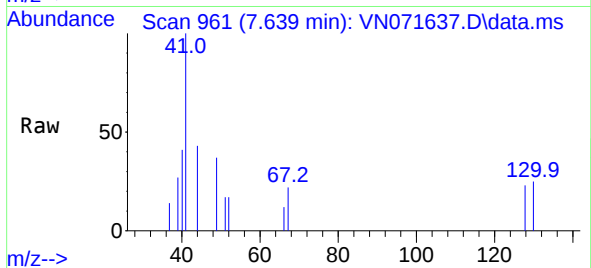
Tgt Ion: 78 Resp: 10509
Ion Ratio Lower Upper
78 100
77 29.7 19.4 29.0





#41
Methacrylonitrile
Concen: 0.493 ug/l
RT: 7.639 min Scan# 90
Delta R.T. 0.011 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

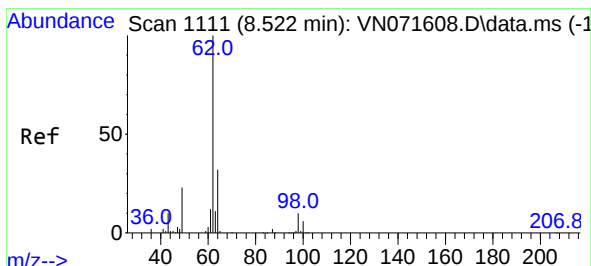
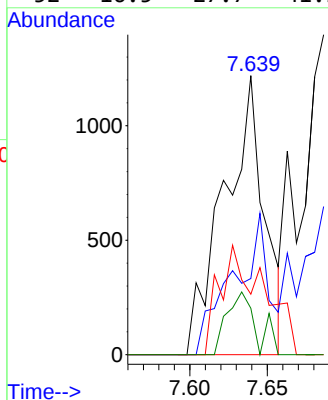
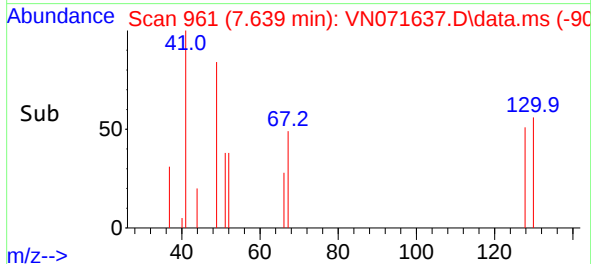
Instrument :
MSVOA_N
Client Sample Id :
MDL-WATER-03-QT1-2022



Tgt Ion: 41 Resp: 2198
Ion Ratio Lower Upper
41 100
39 44.2 48.6 73.0
67 43.3 73.4 110.2
52 16.5 27.7 41.5

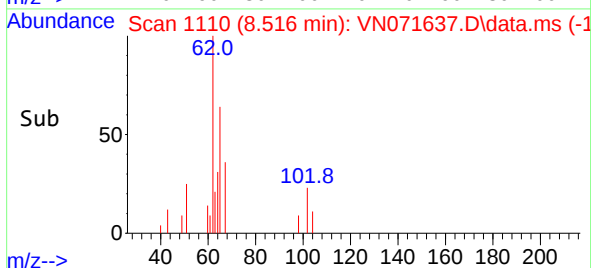
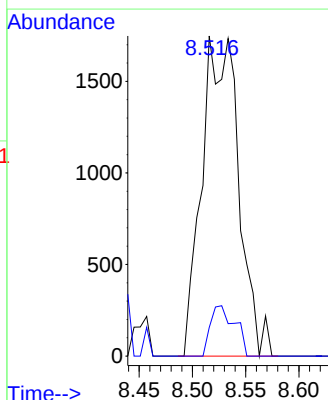
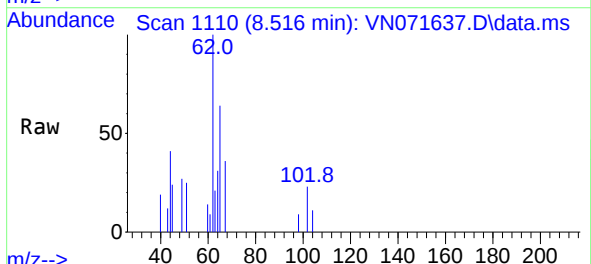
Manual Integrations
APPROVED

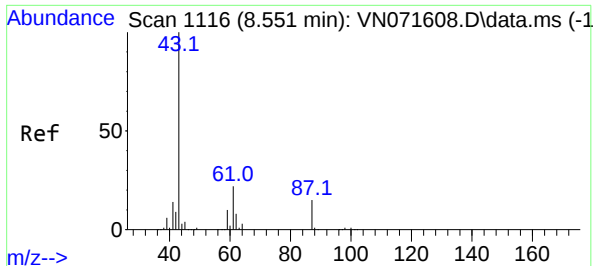
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#42
1,2-Dichloroethane
Concen: 0.470 ug/l
RT: 8.516 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

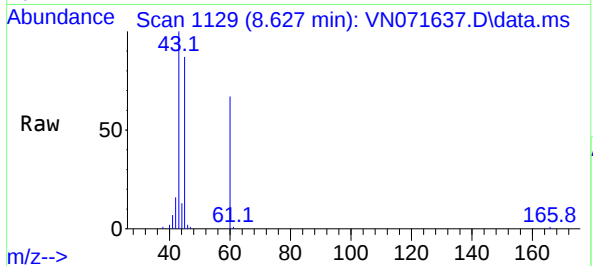
Tgt Ion: 62 Resp: 4182
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 5.782 ug/l
RT: 8.627 min Scan# 1116
Delta R.T. 0.076 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

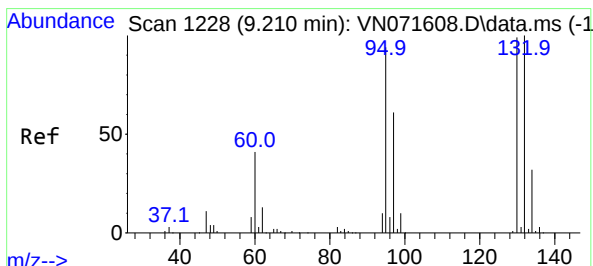
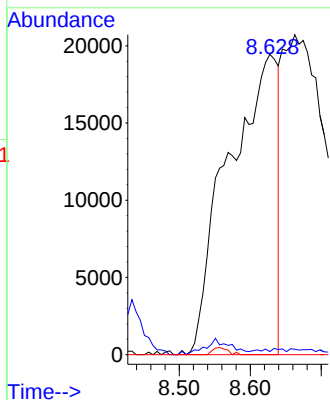
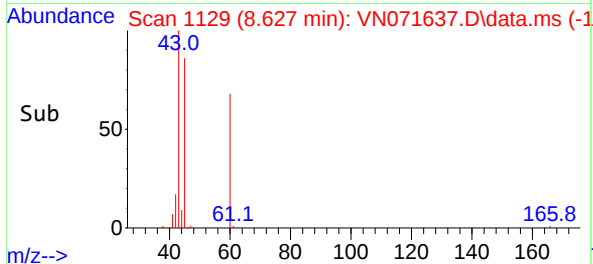
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 43 Resp: 94100
Ion Ratio Lower Upper
43 100
61 0.3 21.9 32.9
87 0.0 12.0 18.0

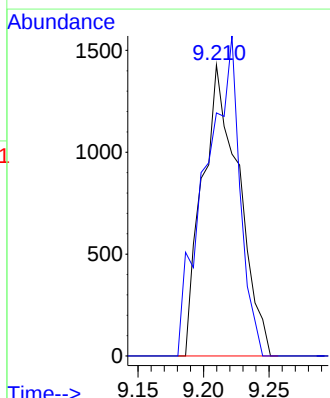
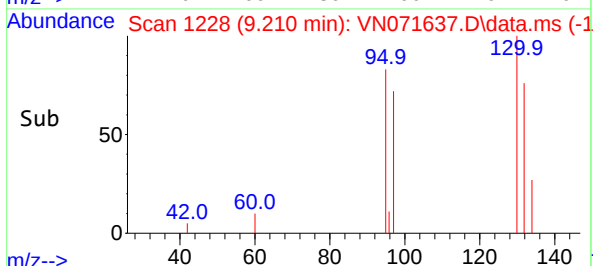
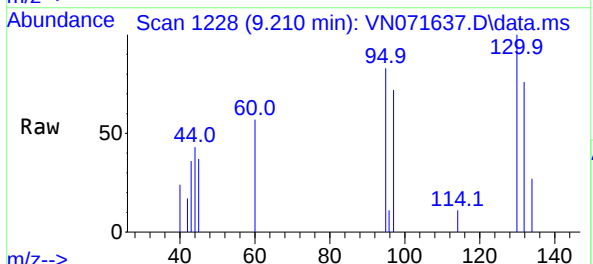
Manual Integrations
APPROVED

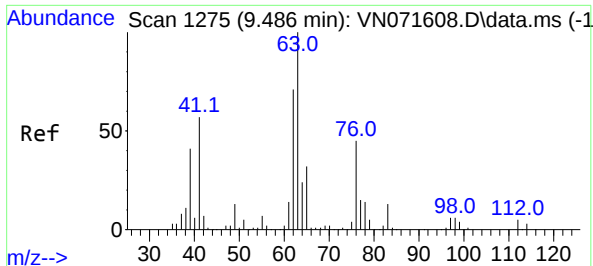
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#44
Trichloroethene
Concen: 0.407 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

Tgt Ion:130 Resp: 2754
Ion Ratio Lower Upper
130 100
95 83.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.402 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071637.D

Acq: 29 Mar 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022

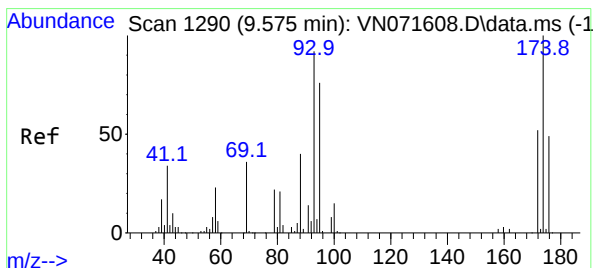
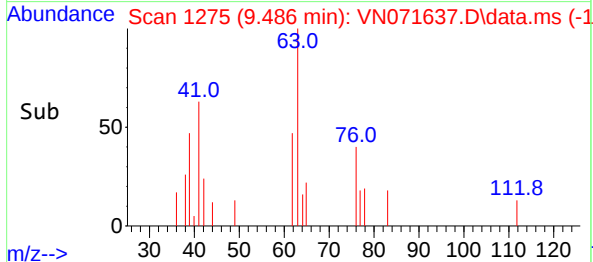
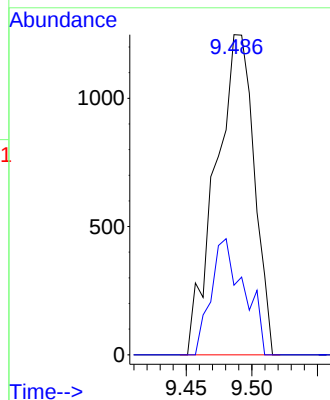
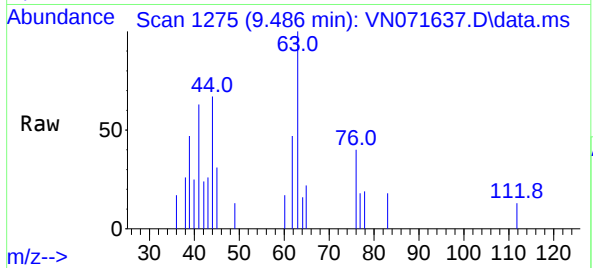
Tgt Ion: 63 Resp: 255
 Ion Ratio Lower Upper
 63 100
 65 21.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#46

Dibromomethane

Concen: 0.407 ug/l

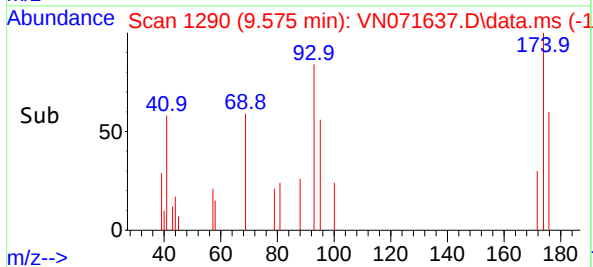
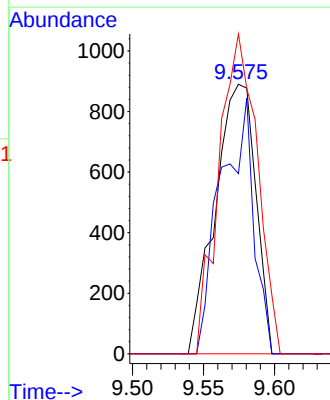
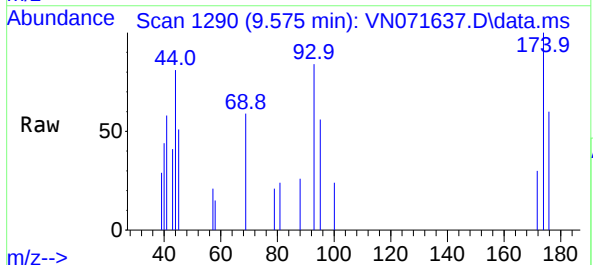
RT: 9.575 min Scan# 1290

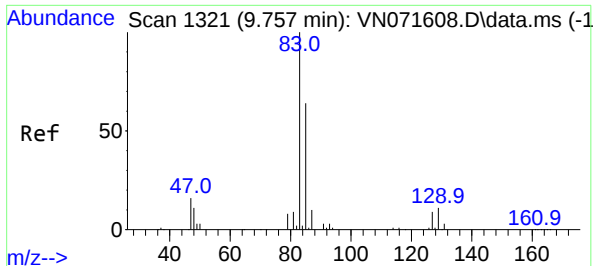
Delta R.T. -0.000 min

Lab File: VN071637.D

Acq: 29 Mar 2022 17:18

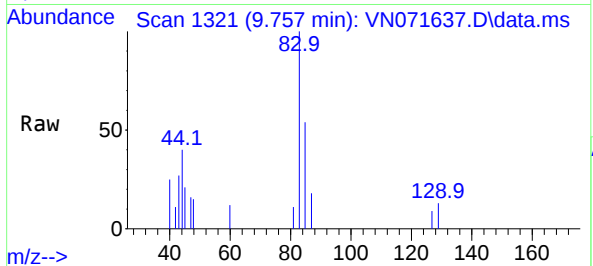
Tgt Ion: 93 Resp: 1767
 Ion Ratio Lower Upper
 93 100
 95 77.2 66.9 100.3
 174 111.9 86.6 130.0





#47
Bromodichloromethane
Concen: 0.406 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

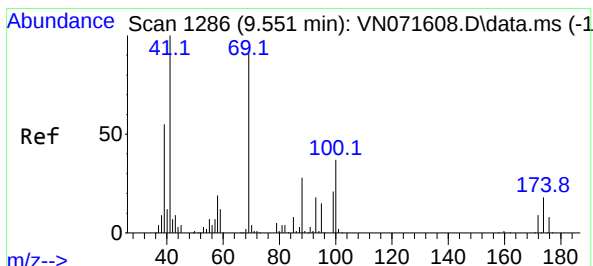
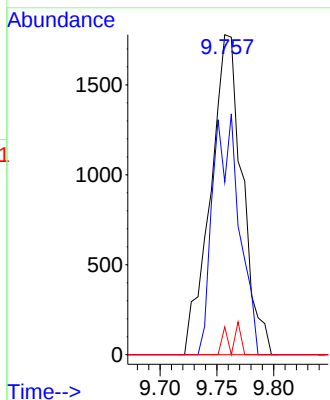
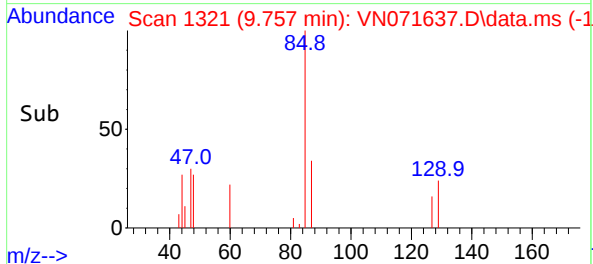
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022



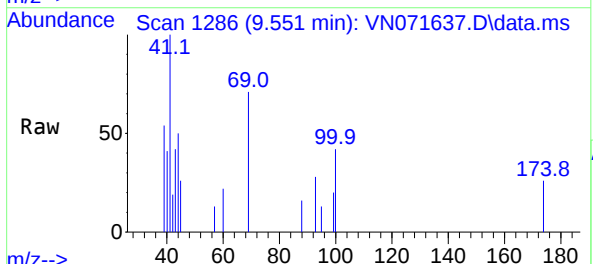
Tgt Ion: 83 Resp: 3475
Ion Ratio Lower Upper
83 100
85 54.0 50.5 75.7
127 8.7 6.8 10.2

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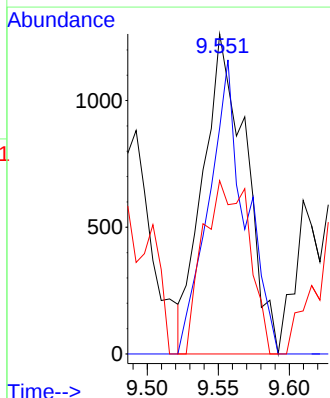
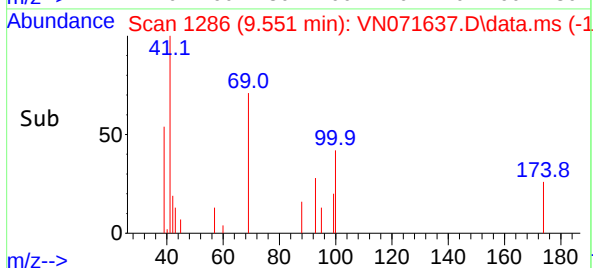
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

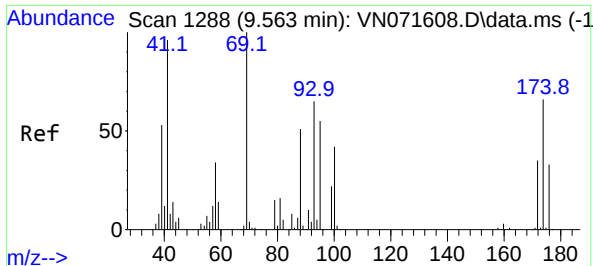


#48
Methyl methacrylate
Concen: 0.401 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



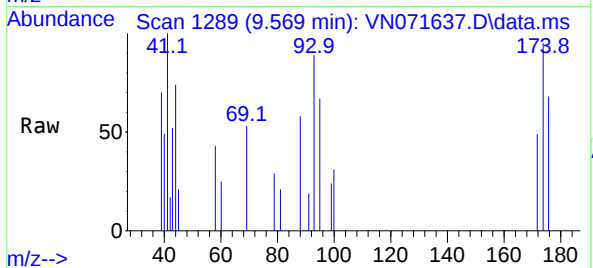
Tgt Ion: 41 Resp: 2647
Ion Ratio Lower Upper
41 100
69 78.4 74.7 112.1
39 57.8 45.6 68.4





#49
1,4-Dioxane
Concen: 5.625 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

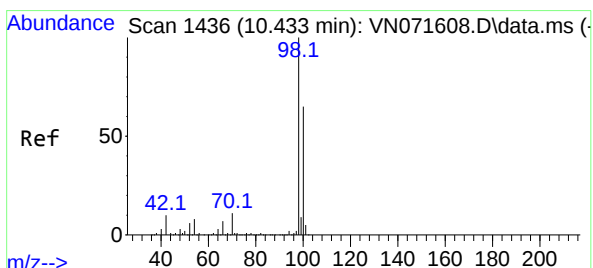
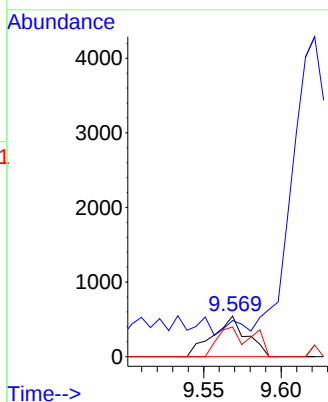
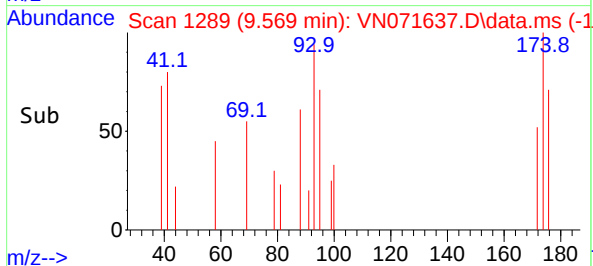
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 88 Resp: 818
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4
58 74.9 54.2 81.4

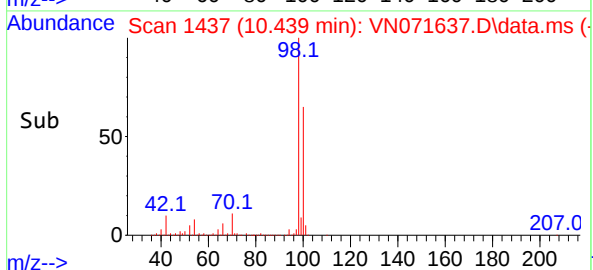
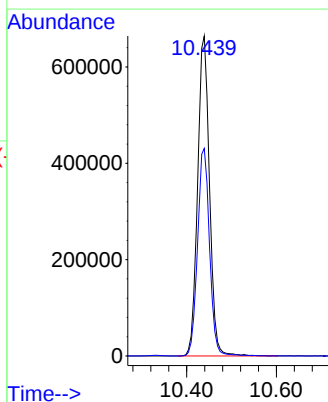
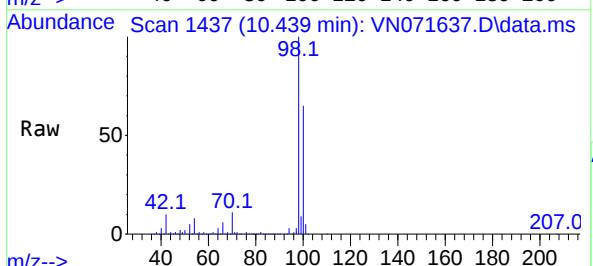
Manual Integrations
APPROVED

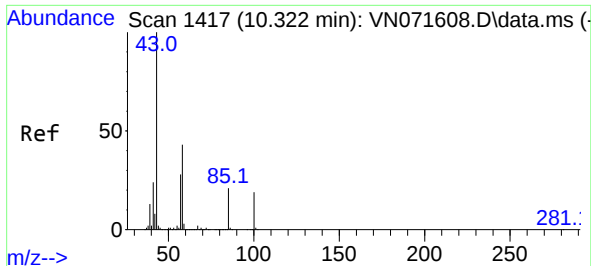
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#50
Toluene-d8
Concen: 50.641 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

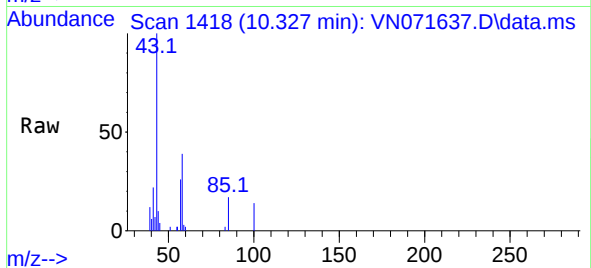
Tgt Ion: 98 Resp: 1218567
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 1.877 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

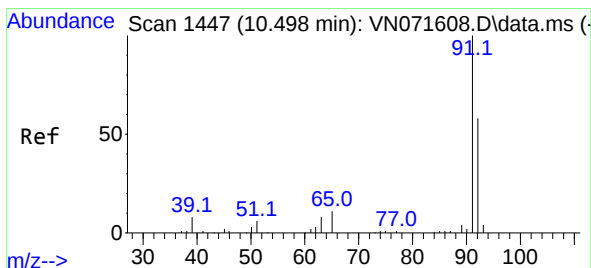
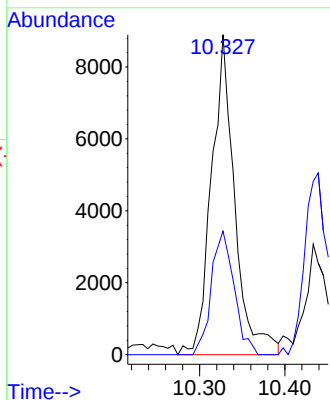
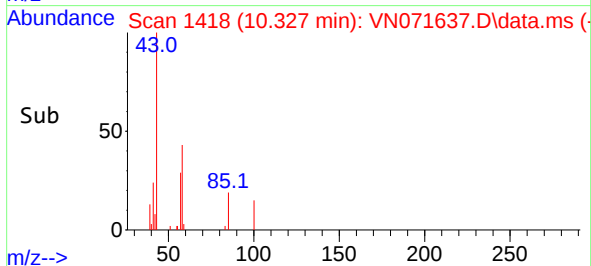
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 43 Resp: 1687
Ion Ratio Lower Upper
43 100
58 37.8 34.1 51.1

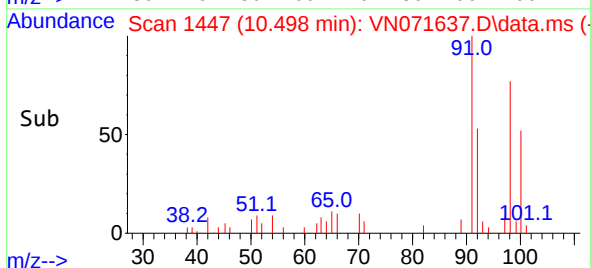
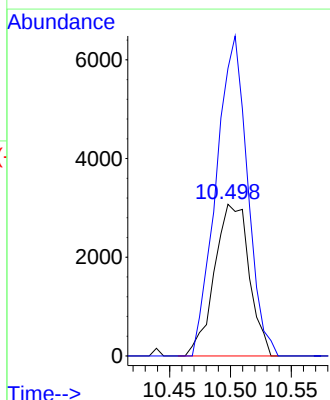
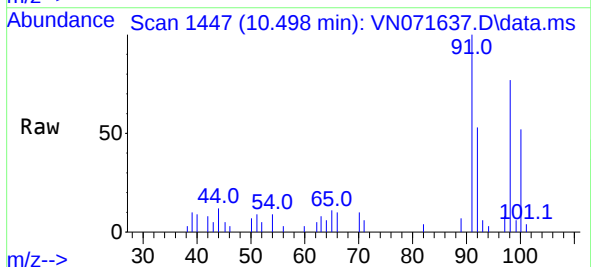
Manual Integrations
APPROVED

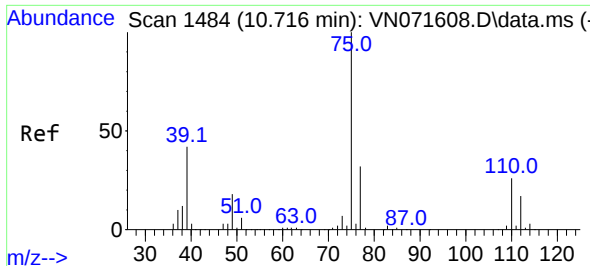
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#52
Toluene
Concen: 0.368 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

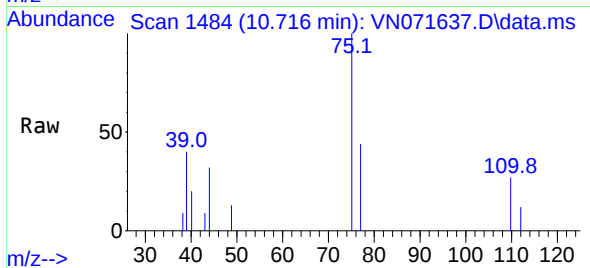
Tgt Ion: 92 Resp: 6092
Ion Ratio Lower Upper
92 100
91 190.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 0.341 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

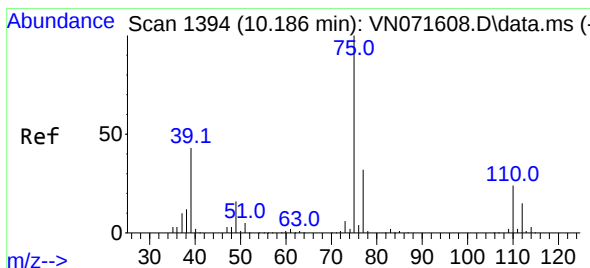
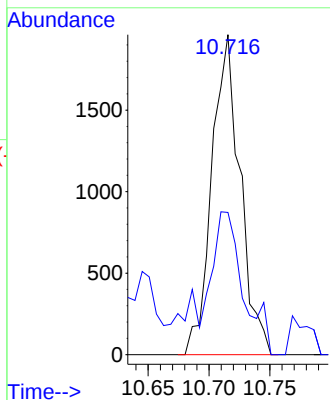
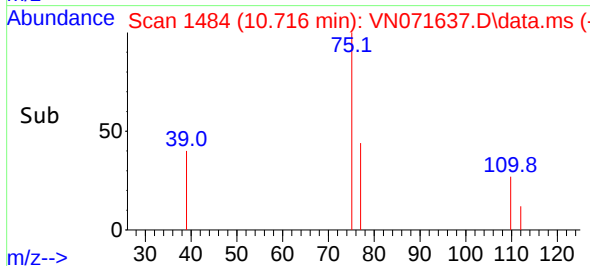
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022



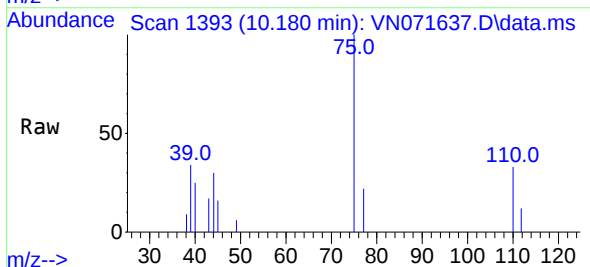
Tgt Ion: 75 Resp: 317
Ion Ratio Lower Upper
75 100
77 44.5 25.6 38.4

Manual Integrations
APPROVED

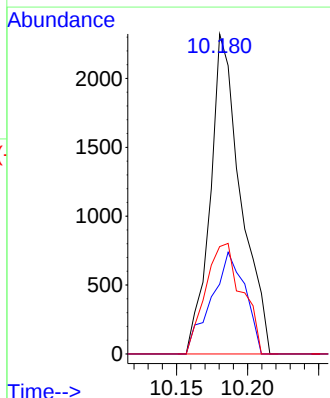
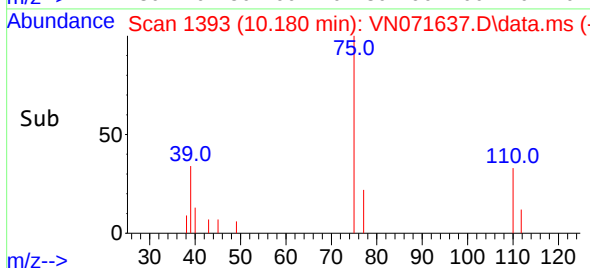
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

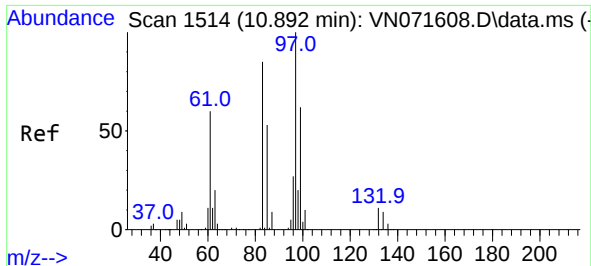


#54
cis-1,3-Dichloropropene
Concen: 0.343 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



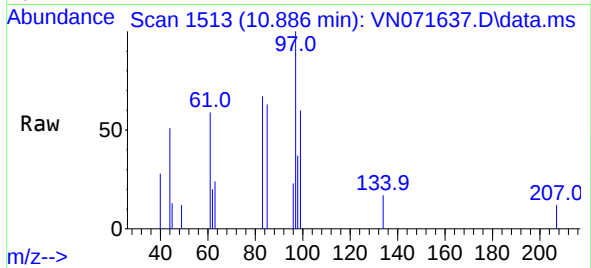
Tgt Ion: 75 Resp: 3467
Ion Ratio Lower Upper
75 100
77 21.8 25.2 37.8#
39 33.5 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 0.423 ug/l
RT: 10.886 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

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

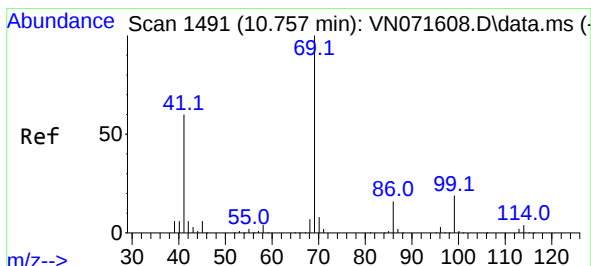
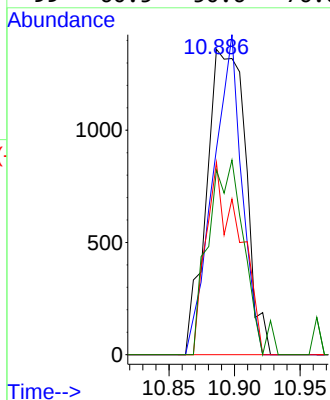
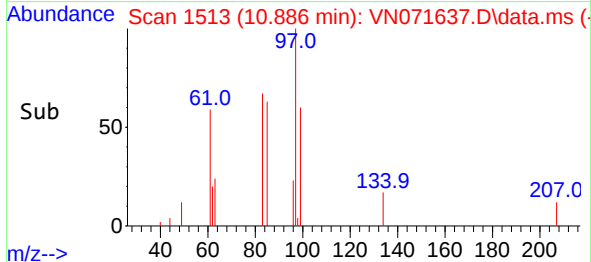


Tgt Ion: 97 Resp: 2818

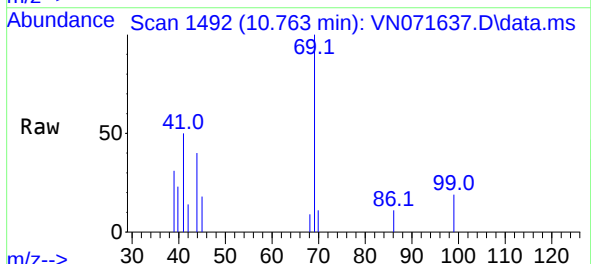
Ion	Ratio	Lower	Upper
97	100		
83	67.4	66.2	99.4
85	63.0	43.9	65.9
99	60.5	50.6	76.0

Manual Integrations
APPROVED

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

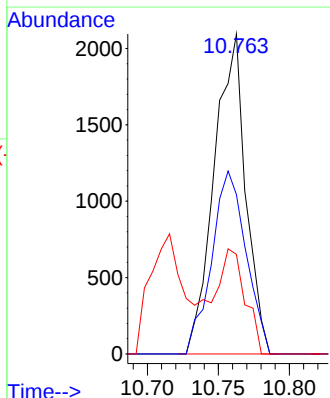
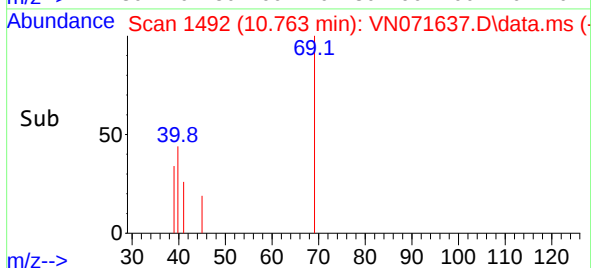


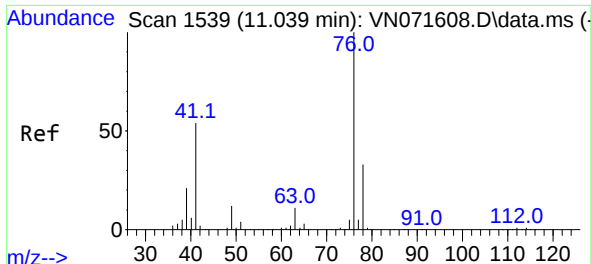
#56
Ethyl methacrylate
Concen: 0.324 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



Tgt Ion: 69 Resp: 3225

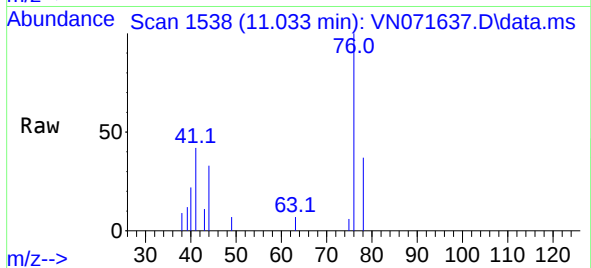
Ion	Ratio	Lower	Upper
69	100		
41	62.4	47.8	71.6
39	26.4	27.3	40.9





#57
1,3-Dichloropropane
Concen: 0.391 ug/l
RT: 11.033 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

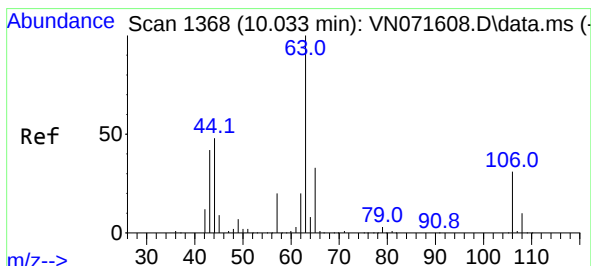
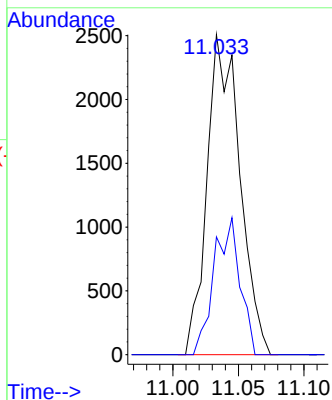
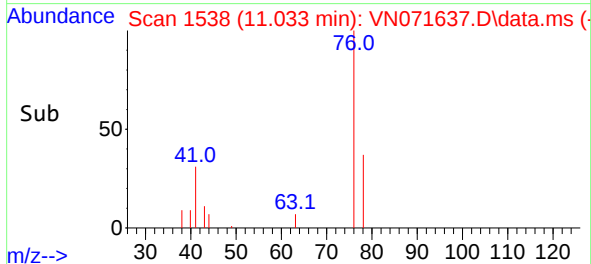
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



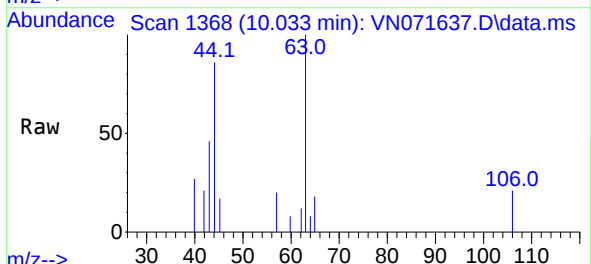
Tgt Ion: 76 Resp: 4354
Ion Ratio Lower Upper
76 100
78 33.8 26.2 39.2

Manual Integrations
APPROVED

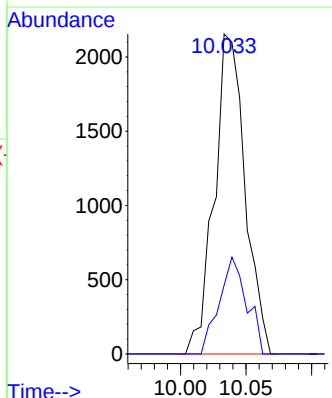
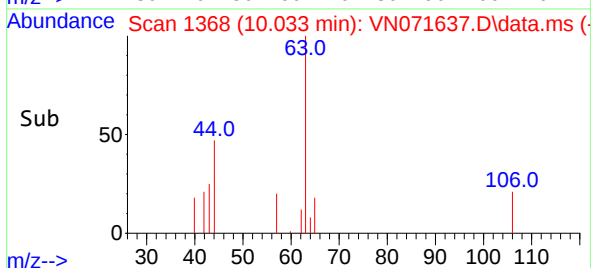
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

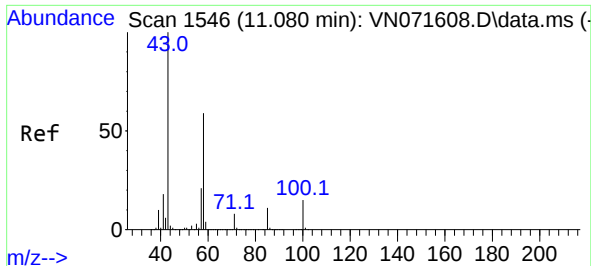


#58
2-Chloroethyl Vinyl ether
Concen: 1.370 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



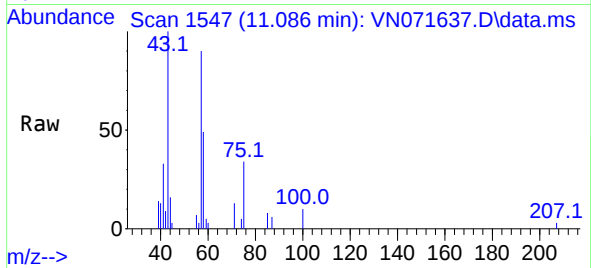
Tgt Ion: 63 Resp: 3507
Ion Ratio Lower Upper
63 100
106 27.1 24.6 36.8





#59
2-Hexanone
Concen: 2.005 ug/l
RT: 11.086 min Scan# 11086
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

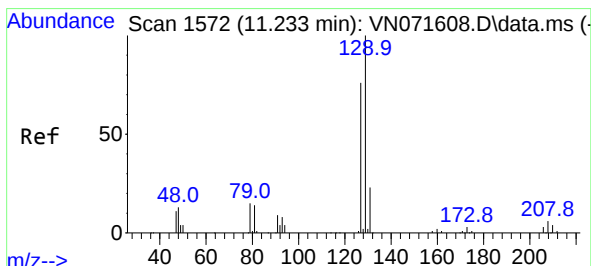
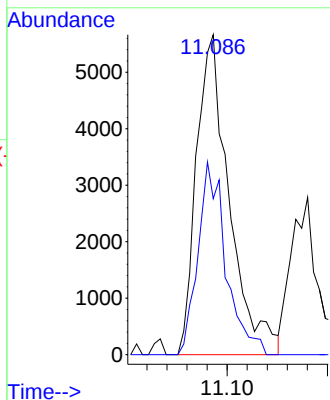
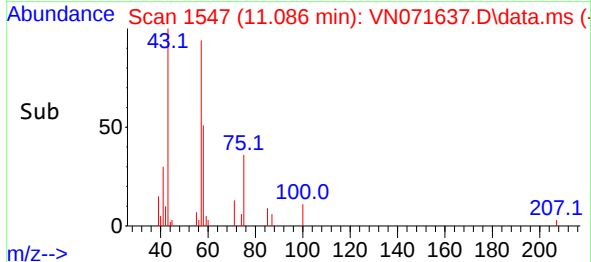
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 43 Resp: 12890
Ion Ratio Lower Upper
43 100
58 51.1 29.7 89.1

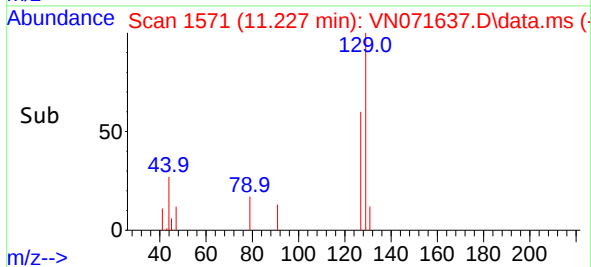
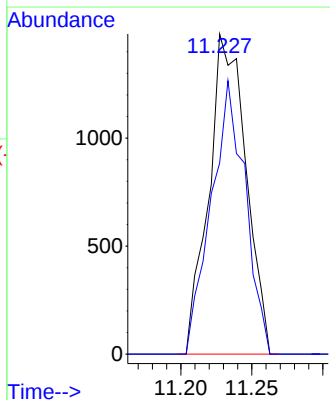
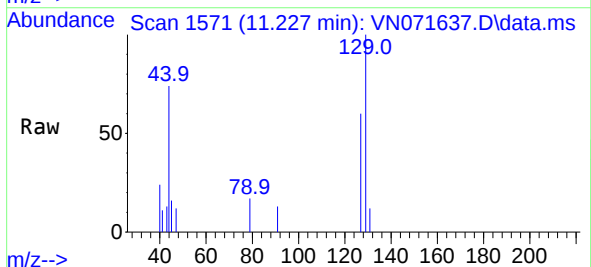
Manual Integrations
APPROVED

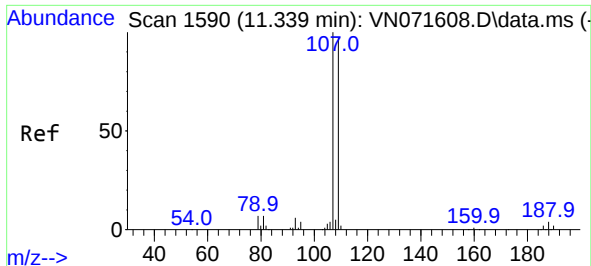
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#60
Dibromochloromethane
Concen: 0.403 ug/l
RT: 11.227 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

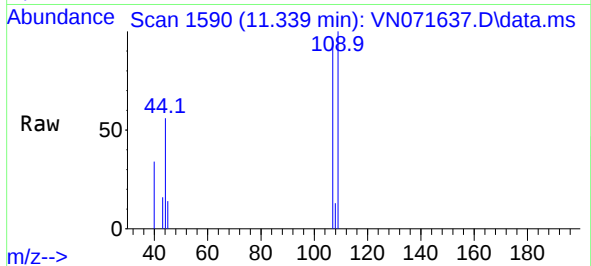
Tgt Ion:129 Resp: 2694
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.356 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

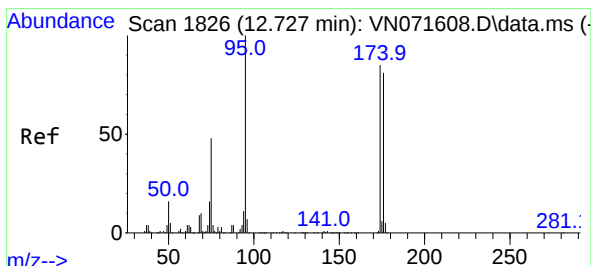
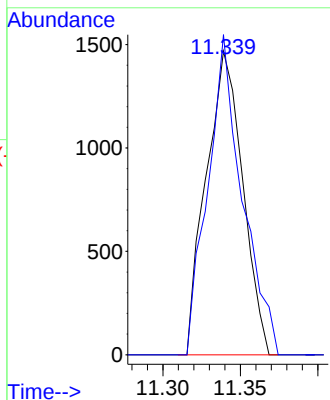
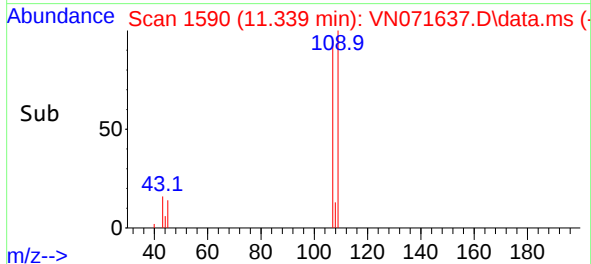
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



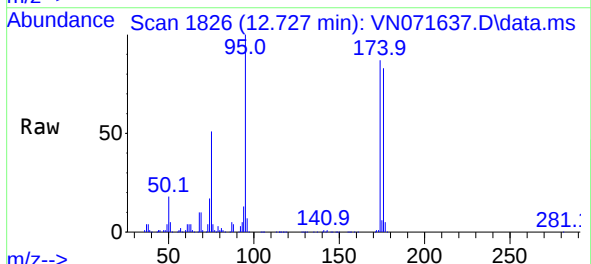
Tgt Ion:107 Resp: 240
Ion Ratio Lower Upper
107 100
109 99.0 75.0 112.6

Manual Integrations
APPROVED

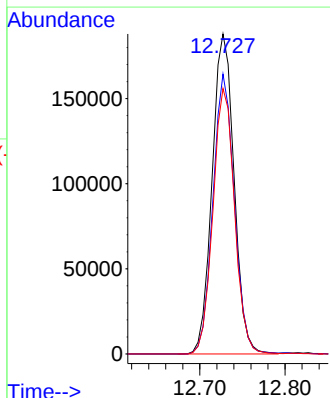
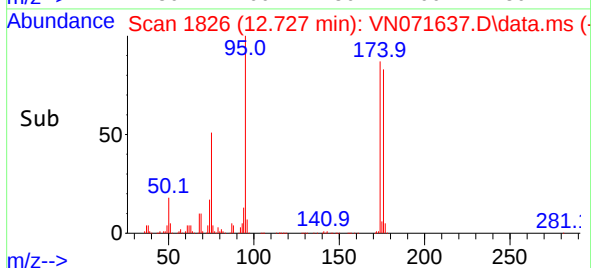
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

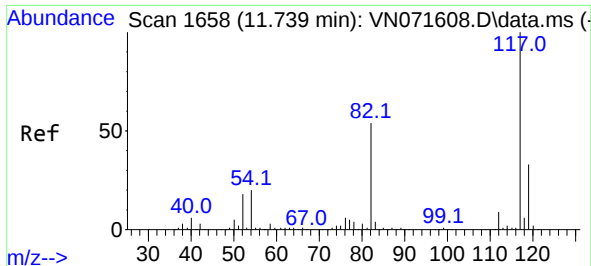


#62
4-Bromofluorobenzene
Concen: 42.773 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



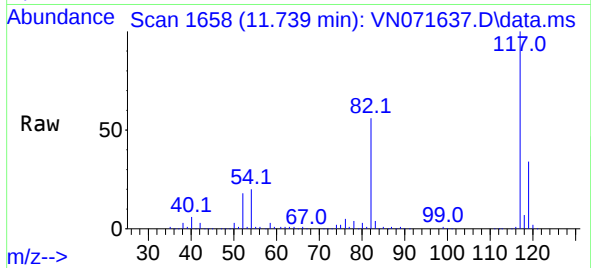
Tgt Ion: 95 Resp: 335762
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 81.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

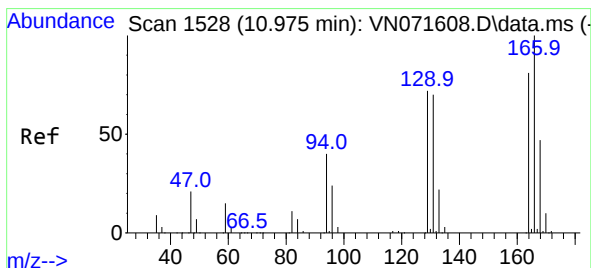
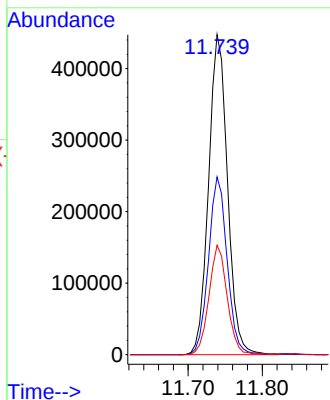
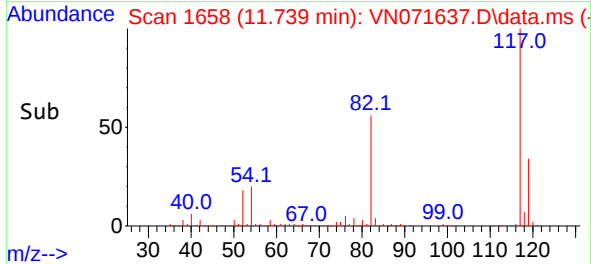
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



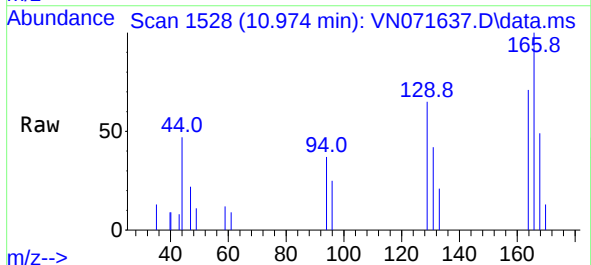
Tgt Ion:117 Resp: 793769
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 34.2 25.4 38.0

Manual Integrations
APPROVED

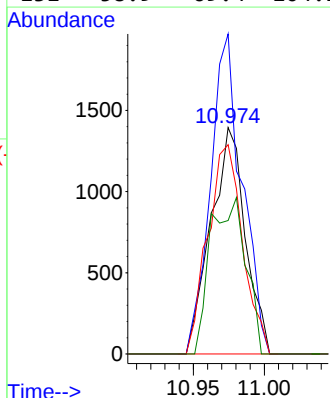
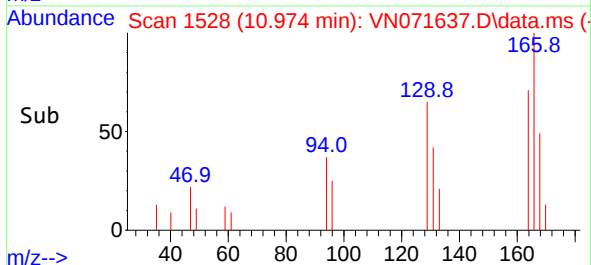
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

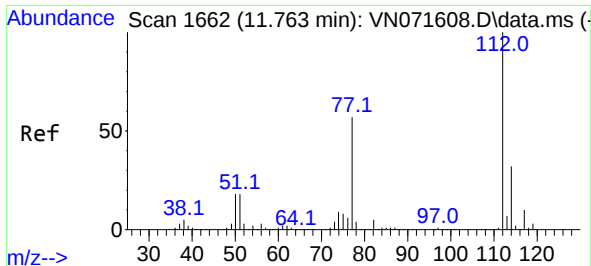


#64
Tetrachloroethene
Concen: 0.429 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



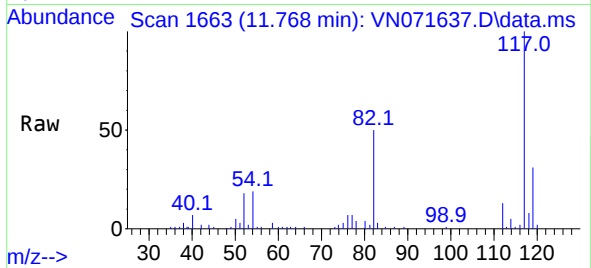
Tgt Ion:164 Resp: 2354
Ion Ratio Lower Upper
164 100
166 141.3 104.2 156.2
129 92.4 73.9 110.9
131 58.9 69.4 104.2#





#65
Chlorobenzene
Concen: 0.445 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

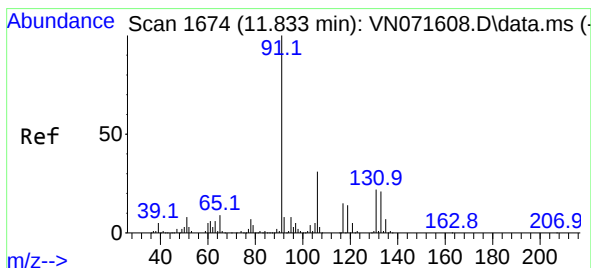
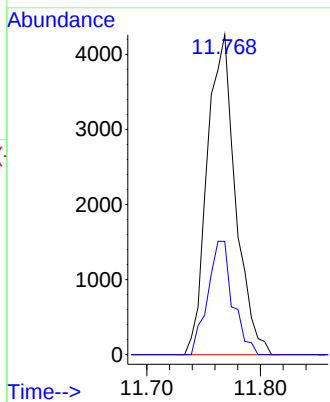
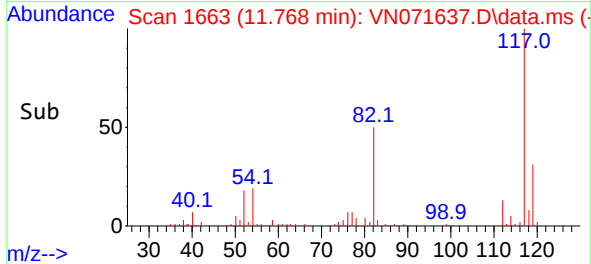
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022



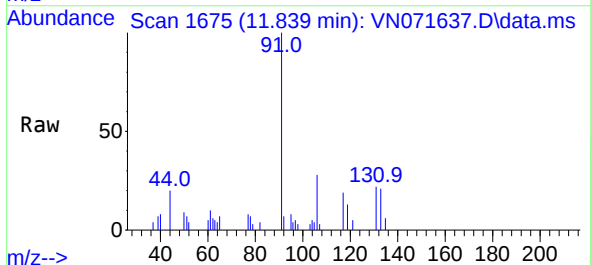
Tgt Ion:112 Resp: 7372
Ion Ratio Lower Upper
112 100
114 35.4 25.4 38.2

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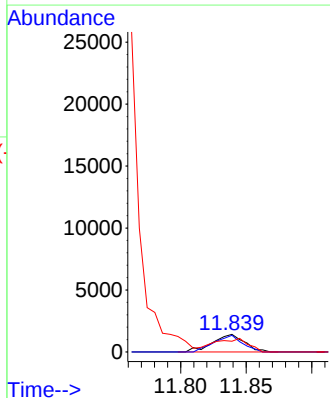
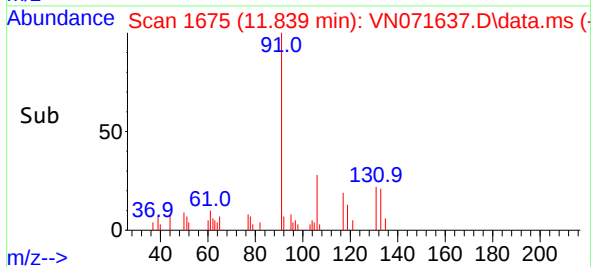
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

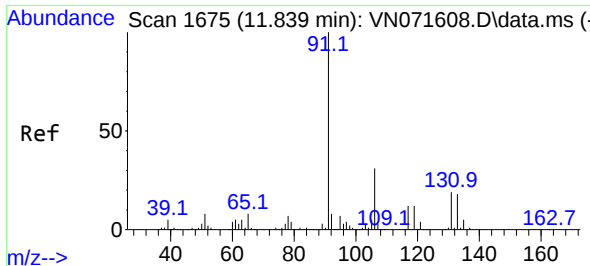


#66
1,1,1,2-Tetrachloroethane
Concen: 0.402 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



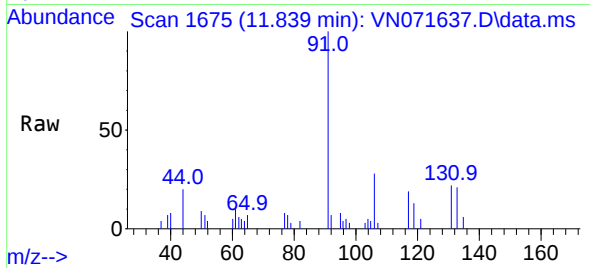
Tgt Ion:131 Resp: 2388
Ion Ratio Lower Upper
131 100
133 84.3 47.8 143.4
119 0.0 33.4 100.2#





#67
Ethyl Benzene
Concen: 0.359 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

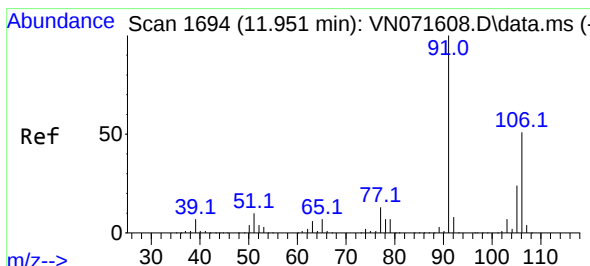
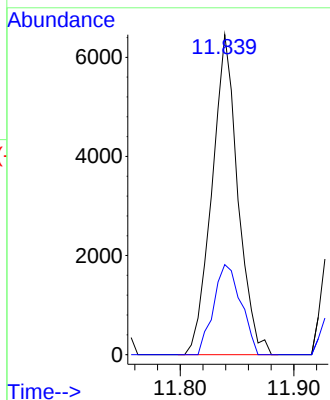
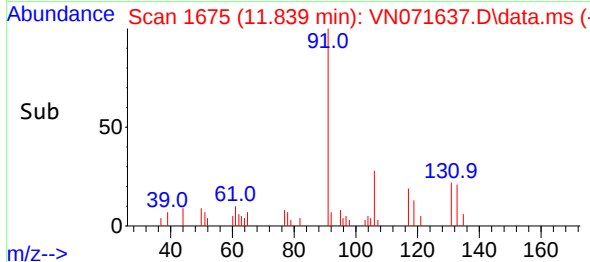
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



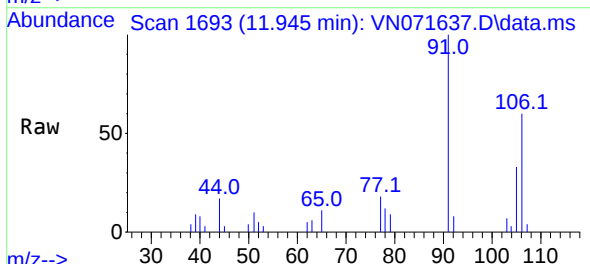
Tgt Ion: 91 Resp: 1026
Ion Ratio Lower Upper
91 100
106 28.1 24.9 37.3

Manual Integrations
APPROVED

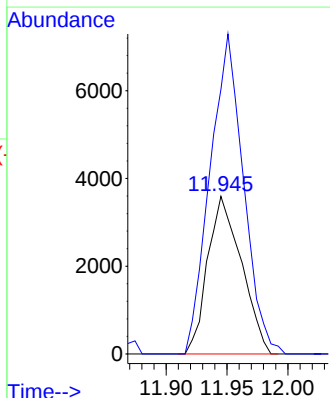
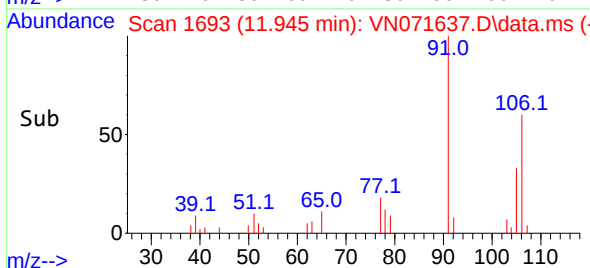
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

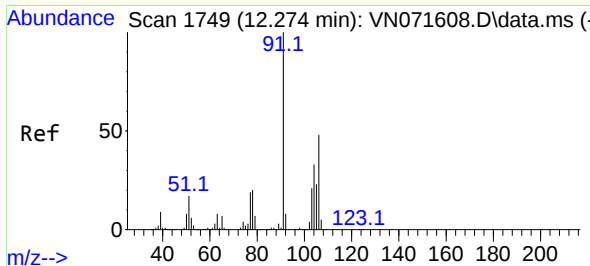


#68
m/p-Xylenes
Concen: 0.640 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



Tgt Ion:106 Resp: 6952
Ion Ratio Lower Upper
106 100
91 200.9 158.9 238.3





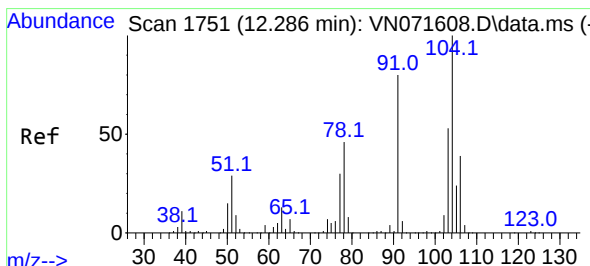
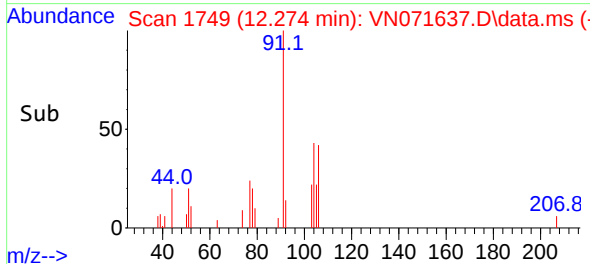
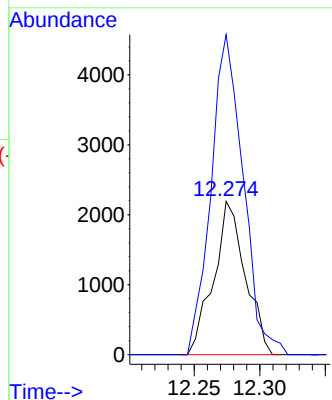
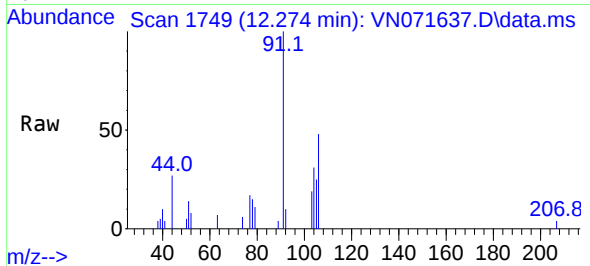
#69
o-Xylene
Concen: 0.338 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

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

Tgt Ion:106 Resp: 369
Ion Ratio Lower Upper
106 100
91 211.4 106.0 318.0

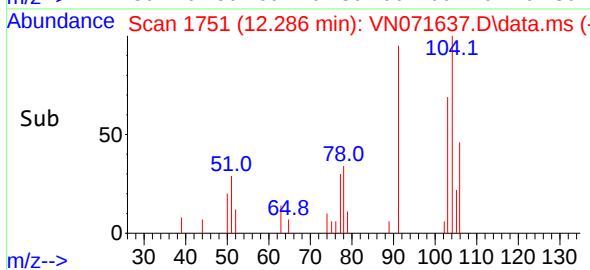
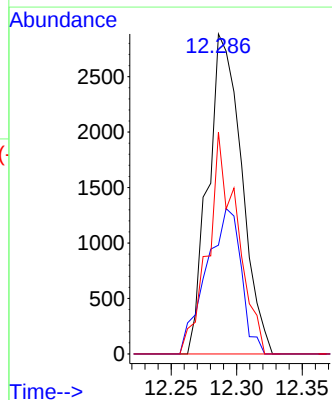
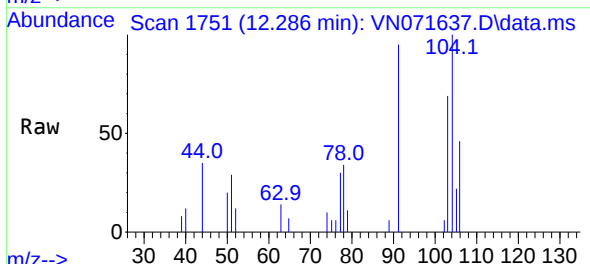
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 0.308 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

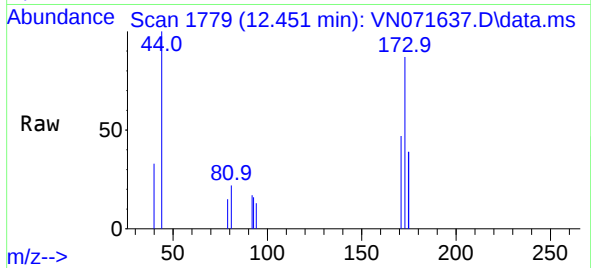
Tgt Ion:104 Resp: 5129
Ion Ratio Lower Upper
104 100
78 47.2 39.5 59.3
103 60.2 44.0 66.0





#71
Bromoform
Concen: 0.358 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

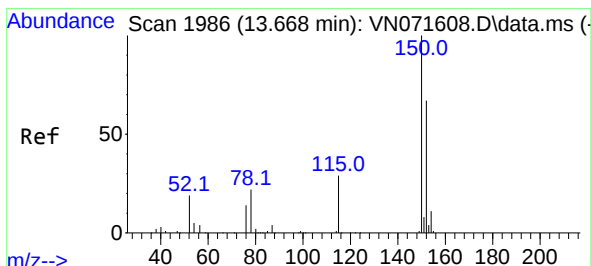
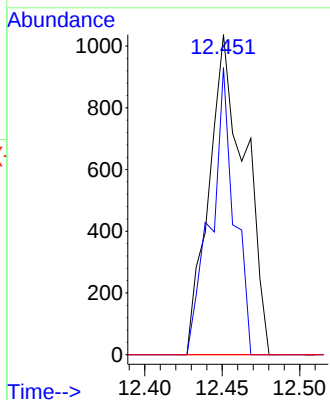
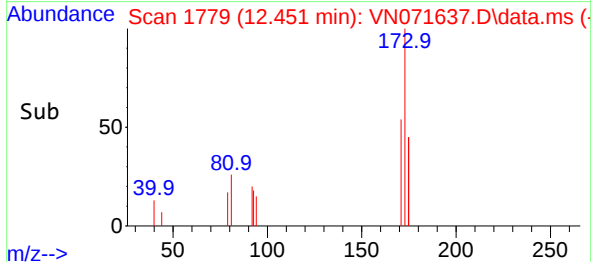
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



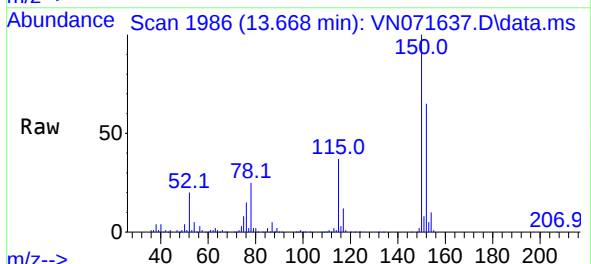
Tgt Ion:173 Resp: 1679
Ion Ratio Lower Upper
173 100
175 58.4 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

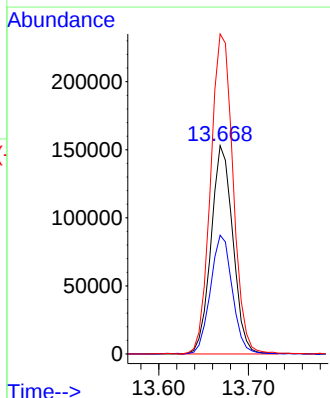
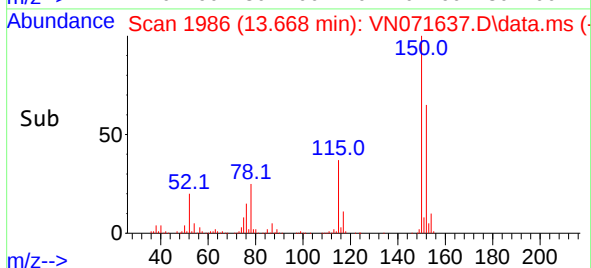
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

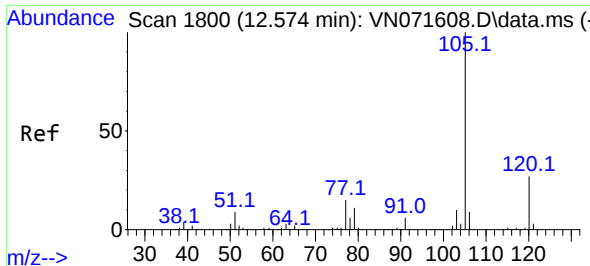


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



Tgt Ion:152 Resp: 259241
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 158.1 0.0 356.2





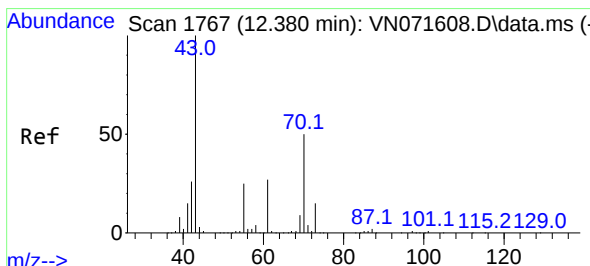
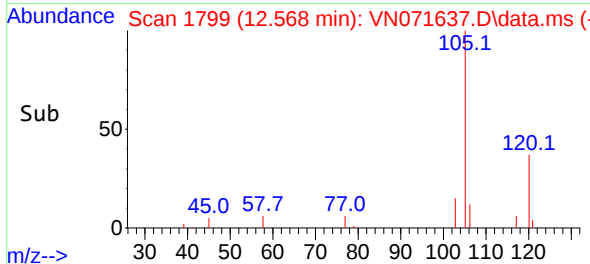
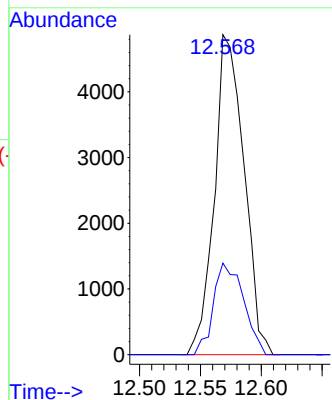
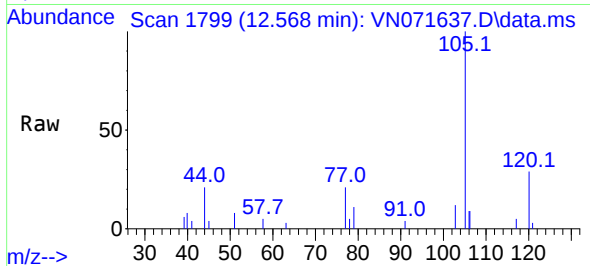
#73
Isopropylbenzene
Concen: 0.364 ug/l
RT: 12.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

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

Tgt Ion:105 Resp: 824
Ion Ratio Lower Upper
105 100
120 29.1 13.5 40.4

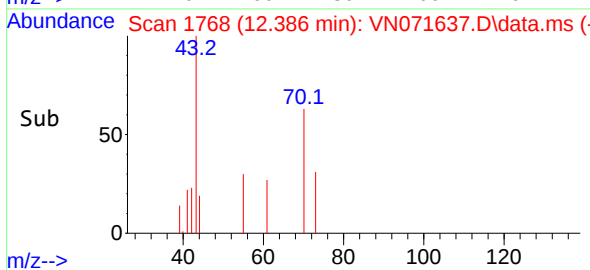
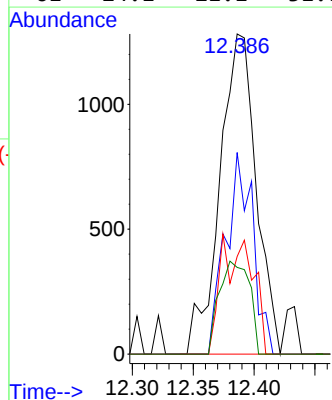
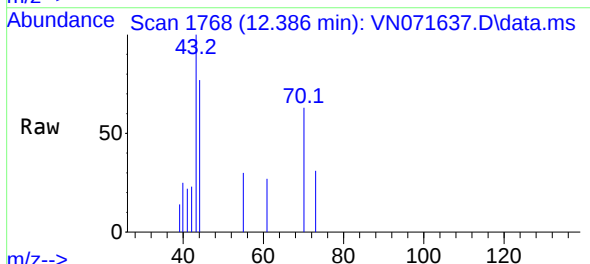
Manual Integrations
APPROVED

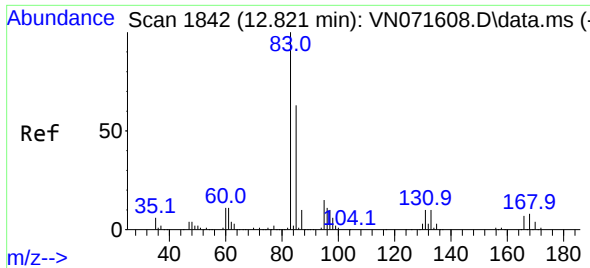
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#74
N-ethyl acetate
Concen: 0.387 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

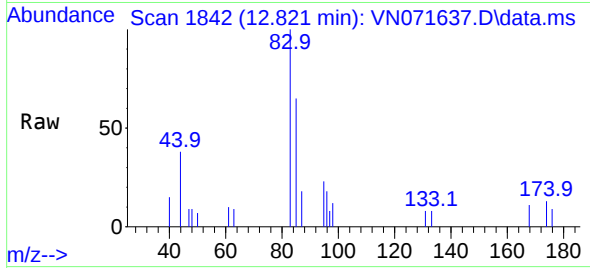
Tgt Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
70 47.1 39.0 58.4
55 31.8 21.1 31.7#
61 24.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 0.531 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

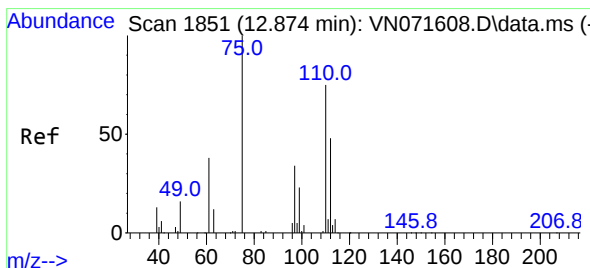
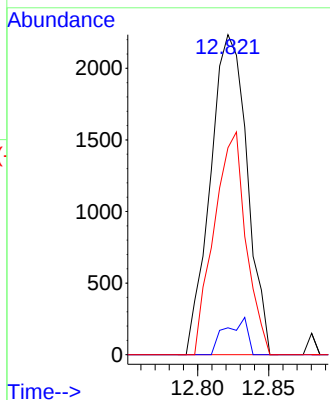
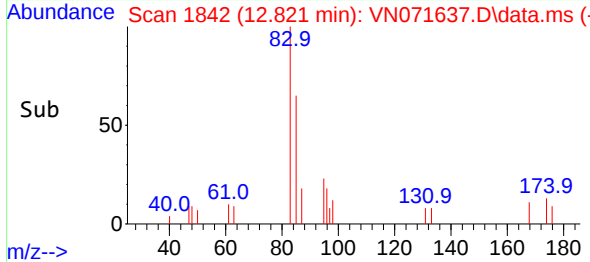
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



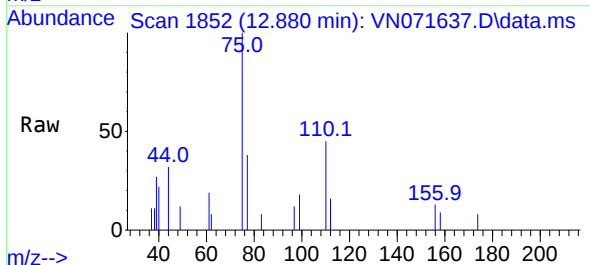
Tgt Ion: 83 Resp: 403
Ion Ratio Lower Upper
83 100
131 6.9 5.3 15.9
85 60.3 32.3 96.9

Manual Integrations
APPROVED

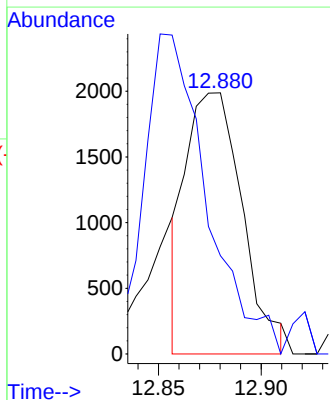
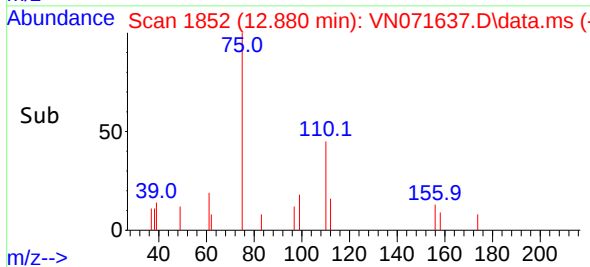
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

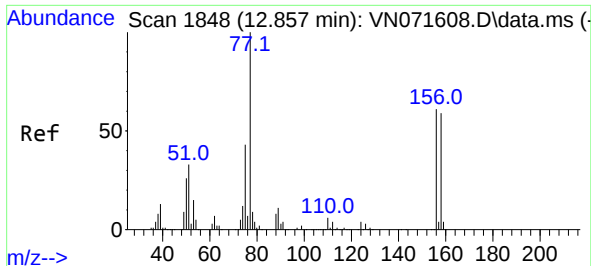


#76
1,2,3-Trichloropropane
Concen: 0.606 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



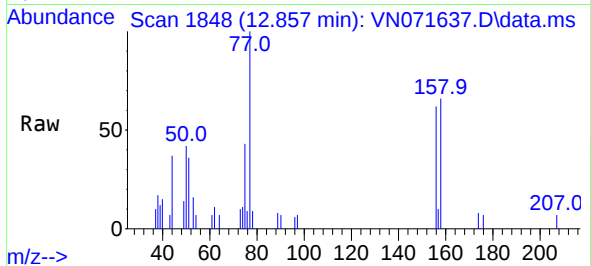
Tgt Ion: 75 Resp: 3773
Ion Ratio Lower Upper
75 100
77 60.3 98.5 295.5#





#77
Bromobenzene
Concen: 0.469 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

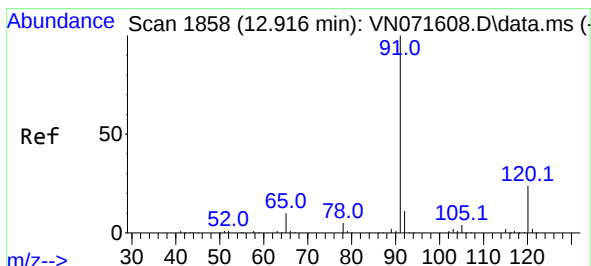
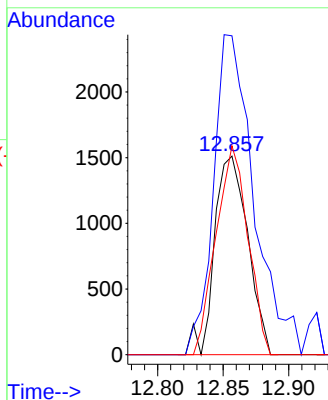
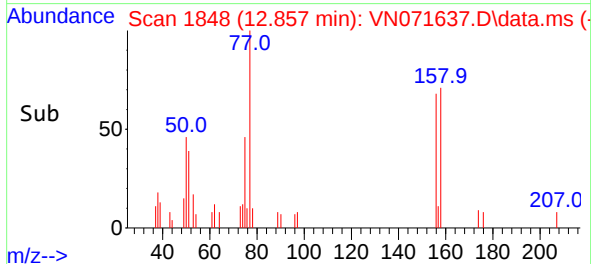
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



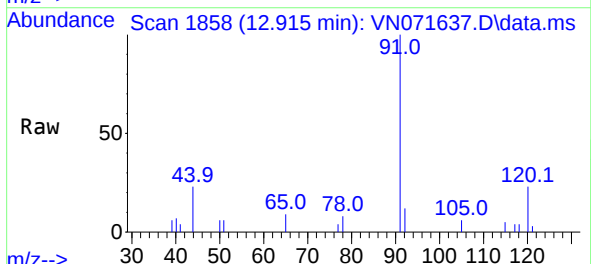
Tgt Ion:156 Resp: 2670
Ion Ratio Lower Upper
156 100
77 194.8 100.5 301.5
158 100.7 48.9 146.6

Manual Integrations
APPROVED

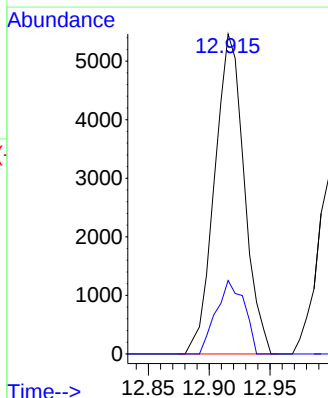
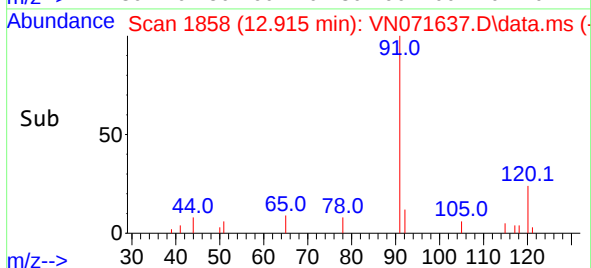
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

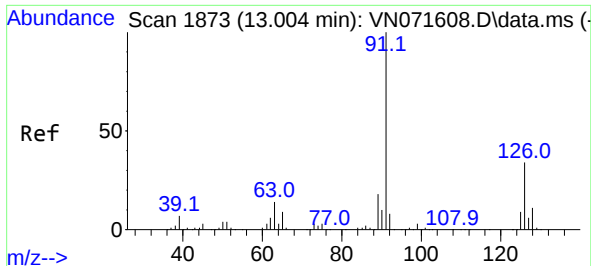


#78
n-propylbenzene
Concen: 0.377 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



Tgt Ion: 91 Resp: 9229
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5





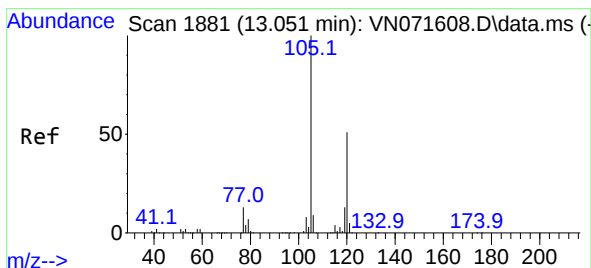
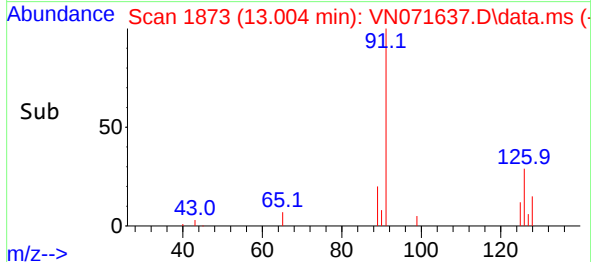
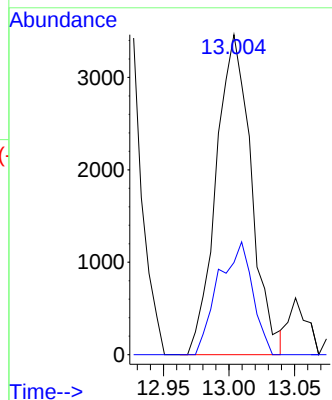
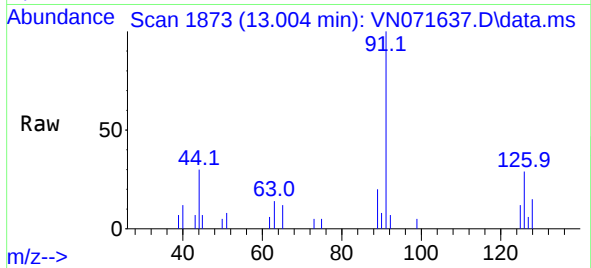
#79
2-Chlorotoluene
Concen: 0.421 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

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

Tgt Ion: 91 Resp: 6445
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.9

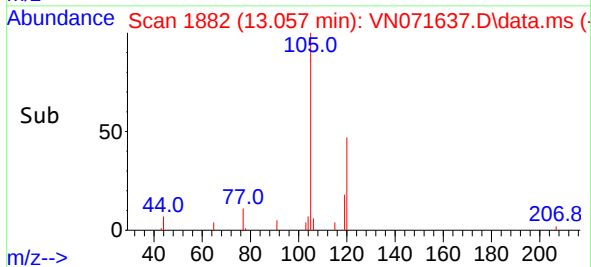
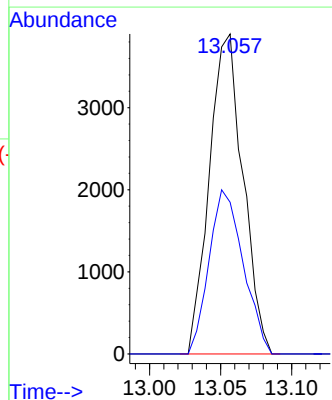
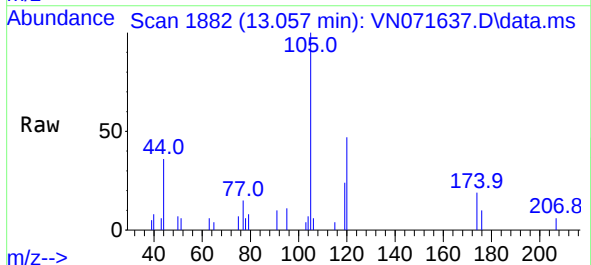
Manual Integrations
APPROVED

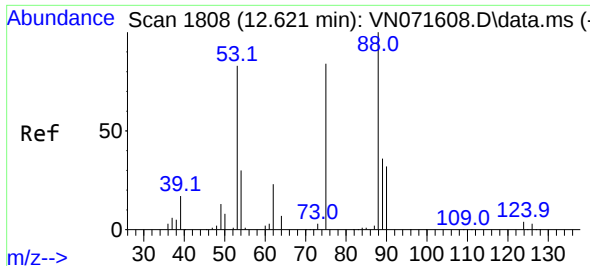
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.358 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

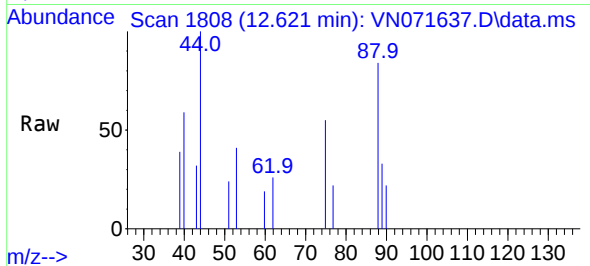
Tgt Ion:105 Resp: 6415
Ion Ratio Lower Upper
105 100
120 52.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 0.294 ug/l m
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

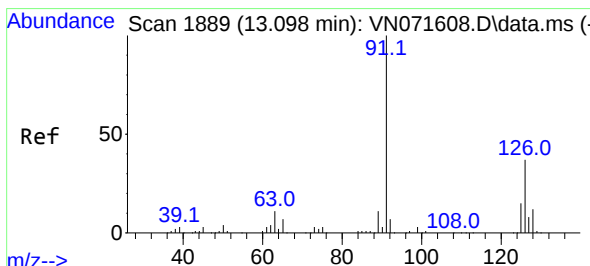
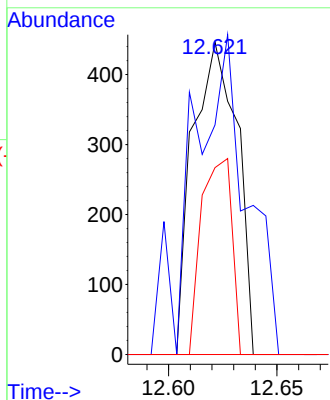
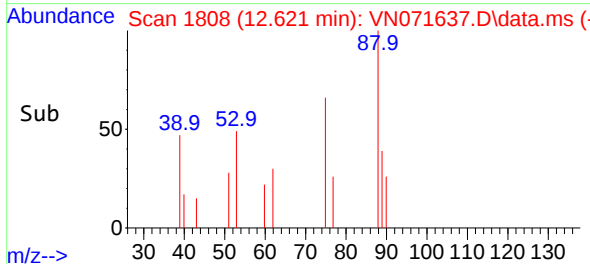
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 75 Resp: 635
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 37.2 55.8

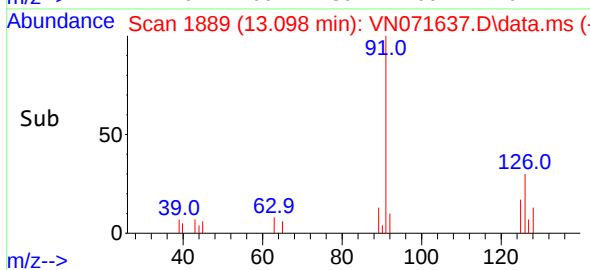
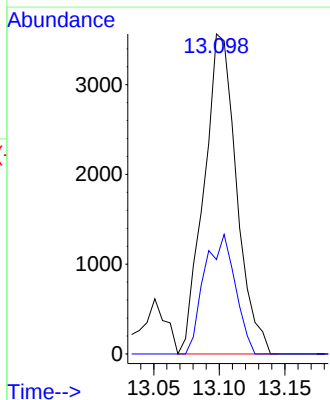
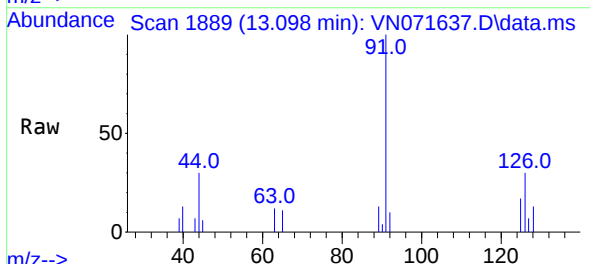
Manual Integrations
APPROVED

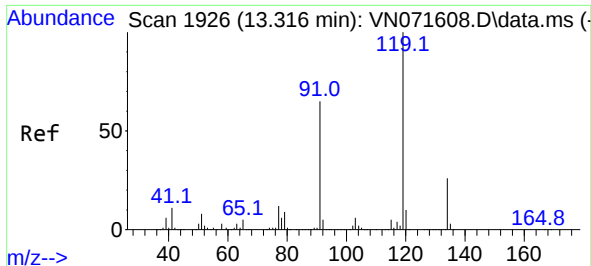
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#82
4-Chlorotoluene
Concen: 0.431 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

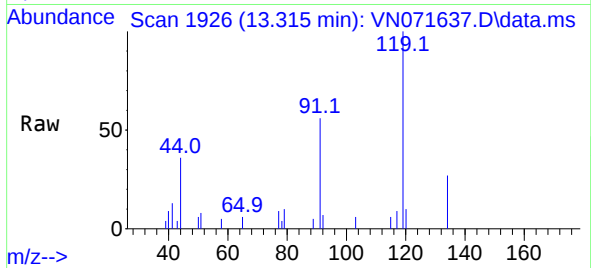
Tgt Ion: 91 Resp: 6157
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 0.369 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

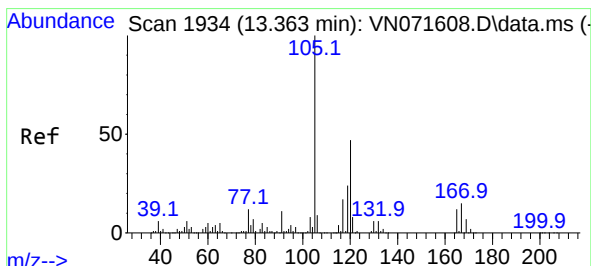
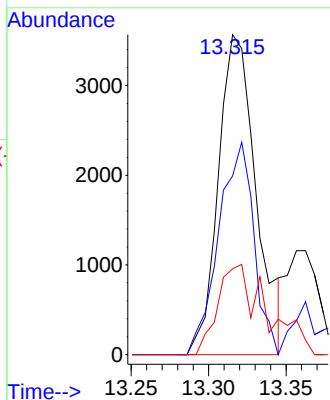
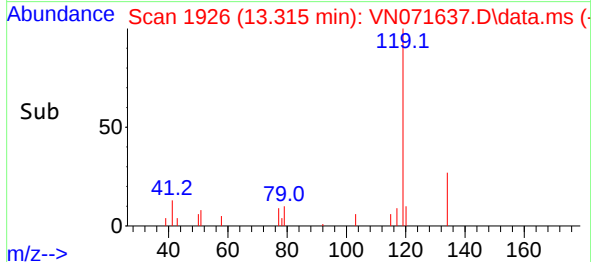
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



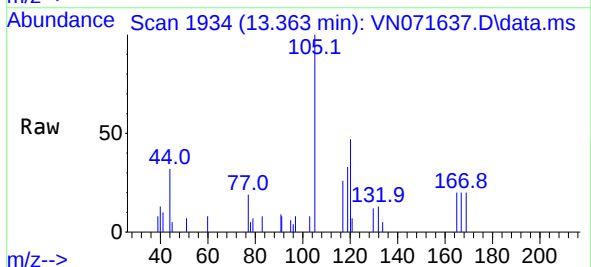
Tgt Ion:119 Resp: 606
Ion Ratio Lower Upper
119 100
91 61.6 31.6 94.8
134 36.2 13.7 41.1

Manual Integrations
APPROVED

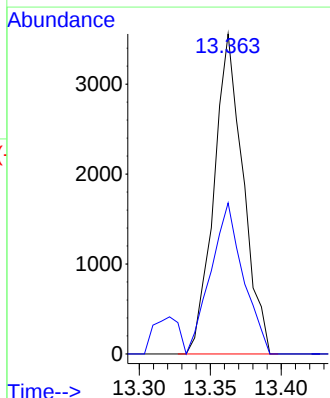
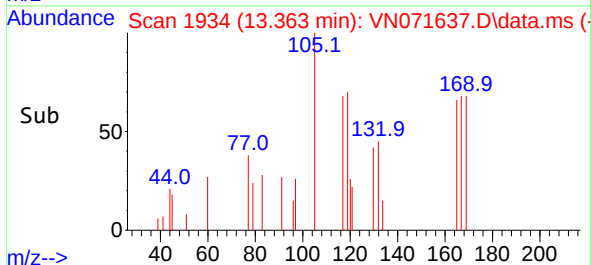
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

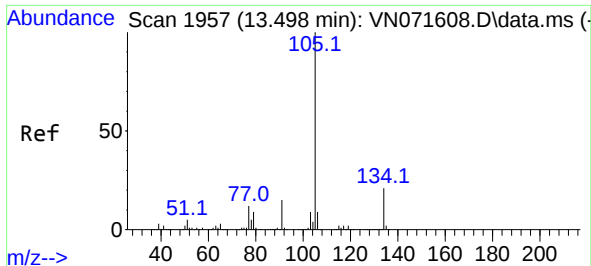


#84
1,2,4-Trimethylbenzene
Concen: 0.291 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



Tgt Ion:105 Resp: 5098
Ion Ratio Lower Upper
105 100
120 52.3 23.3 69.8





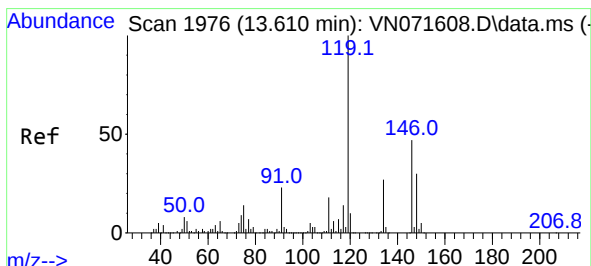
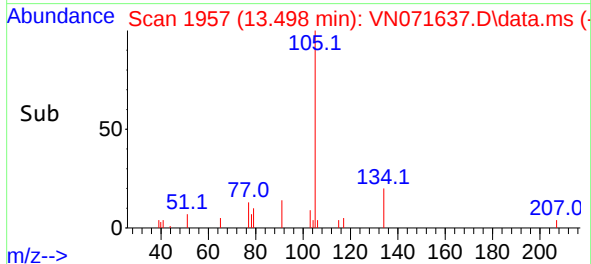
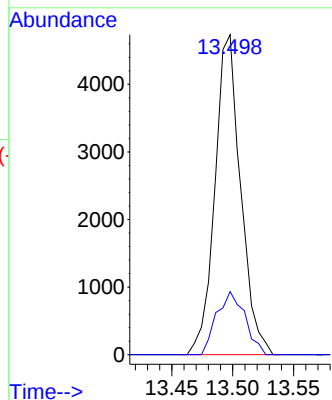
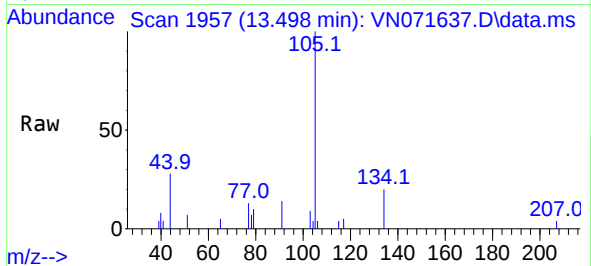
#85
 sec-Butylbenzene
 Concen: 0.321 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071637.D
 Acq: 29 Mar 2022 17:18

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

Tgt Ion:105 Resp: 6958
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.1

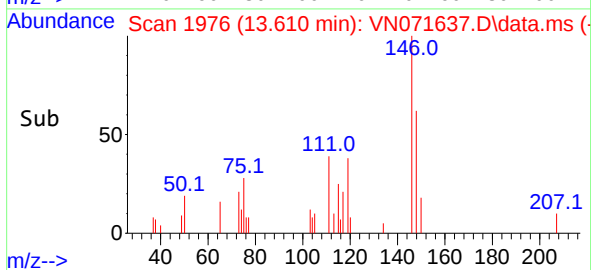
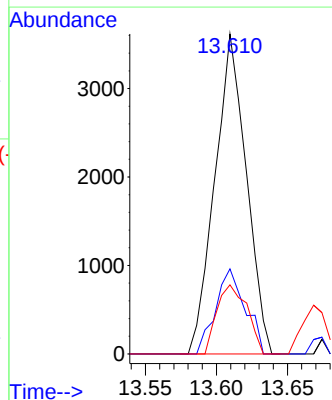
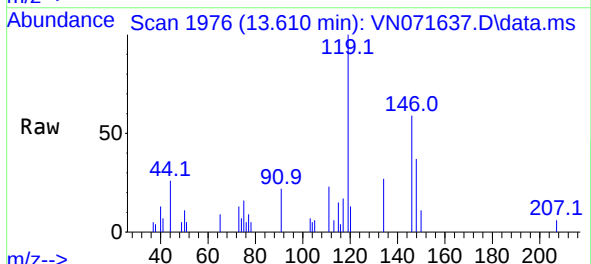
Manual Integrations
 APPROVED

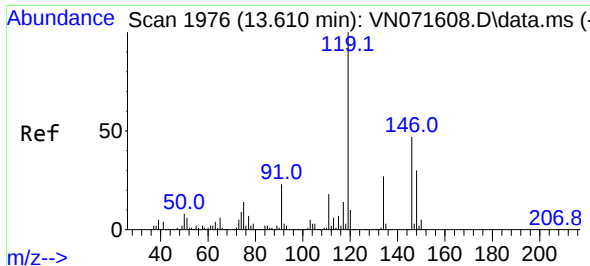
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#86
 p-Isopropyltoluene
 Concen: 0.323 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071637.D
 Acq: 29 Mar 2022 17:18

Tgt Ion:119 Resp: 5576
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.3 39.8
 91 20.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.400 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071637.D

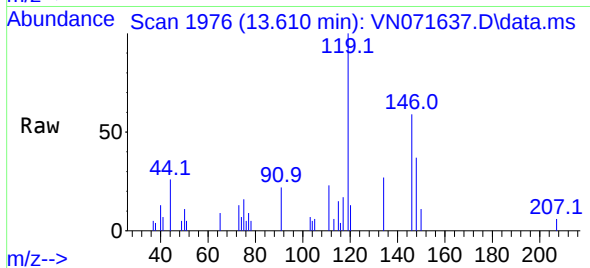
Acq: 29 Mar 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT1-2022



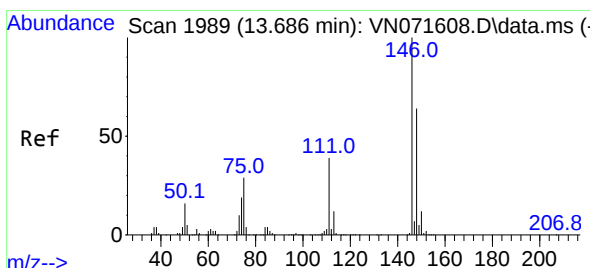
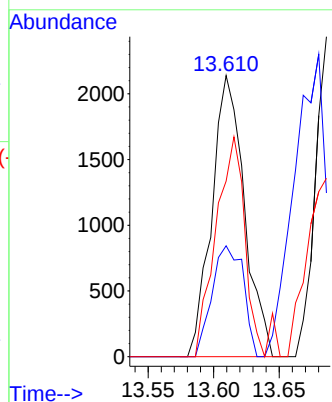
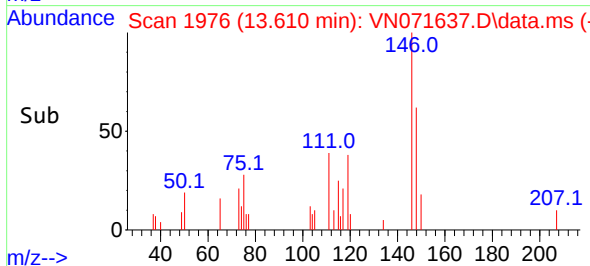
Tgt Ion:	146	Resp:	368
Ion Ratio	Lower	Upper	
146	100		
111	37.9	20.0	60.0
148	69.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#88

1,4-Dichlorobenzene

Concen: 0.446 ug/l m

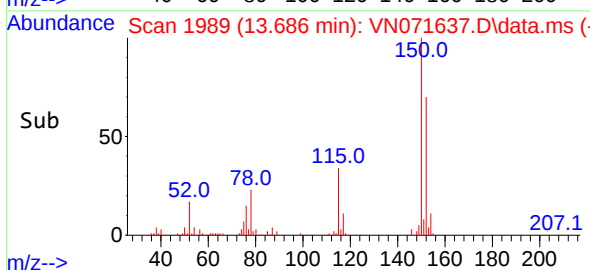
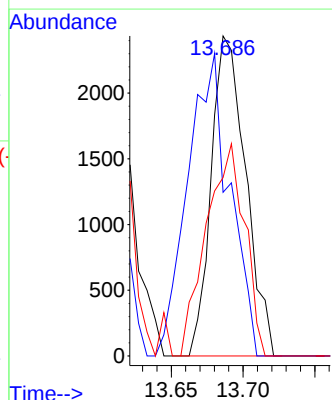
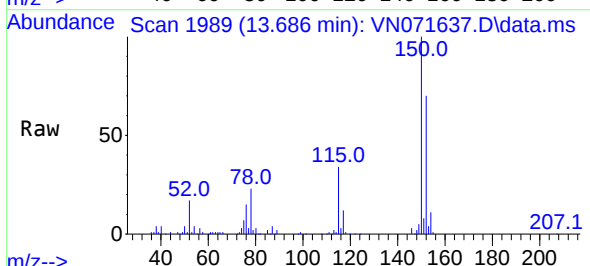
RT: 13.686 min Scan# 1989

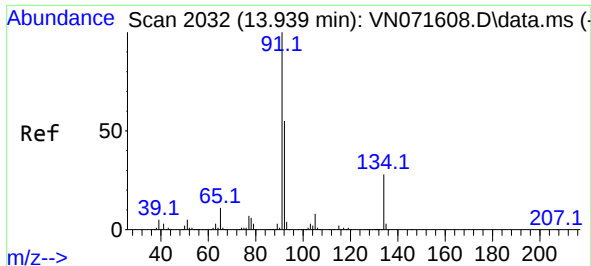
Delta R.T. 0.000 min

Lab File: VN071637.D

Acq: 29 Mar 2022 17:18

Tgt Ion:	146	Resp:	4073
Ion Ratio	Lower	Upper	
146	100		
111	34.3	19.1	57.1
148	62.4	31.4	94.3





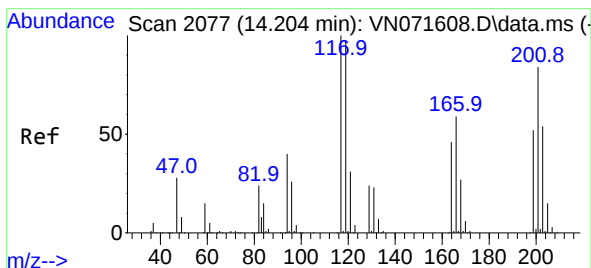
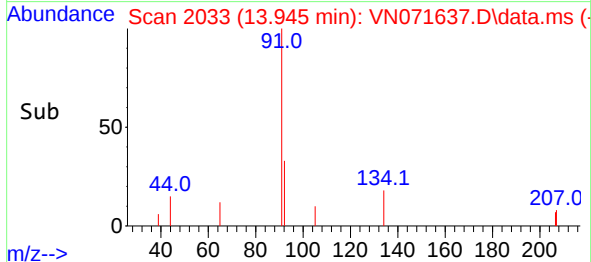
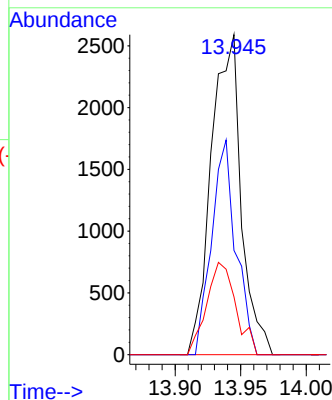
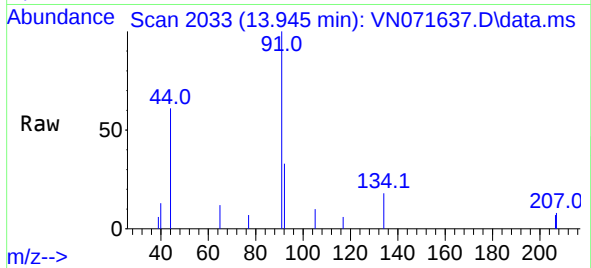
#89
n-Butylbenzene
Concen: 0.315 ug/l
RT: 13.945 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

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

Tgt Ion: 91 Resp: 410
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 28.2 13.6 40.8

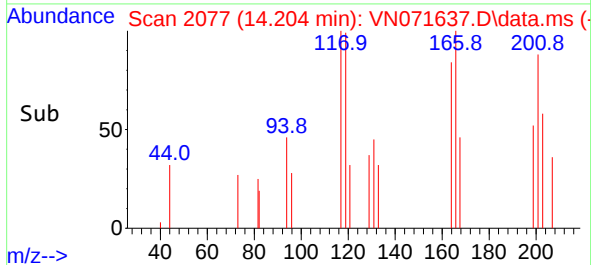
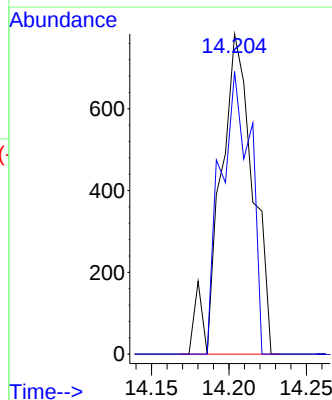
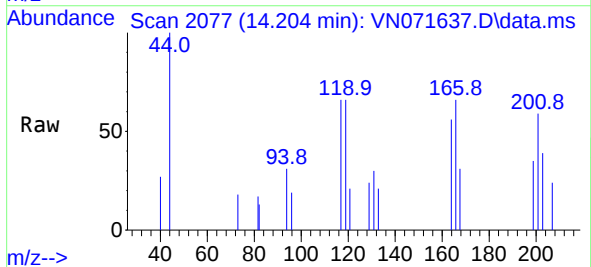
Manual Integrations
APPROVED

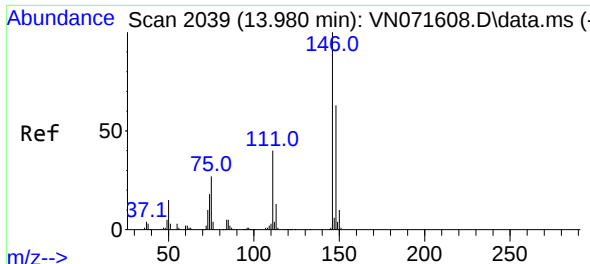
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#90
Hexachloroethane
Concen: 0.352 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

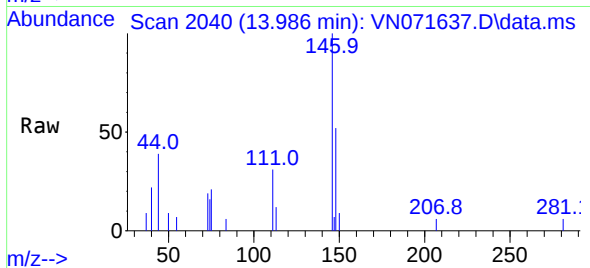
Tgt Ion:117 Resp: 1140
Ion Ratio Lower Upper
117 100
201 81.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 0.425 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

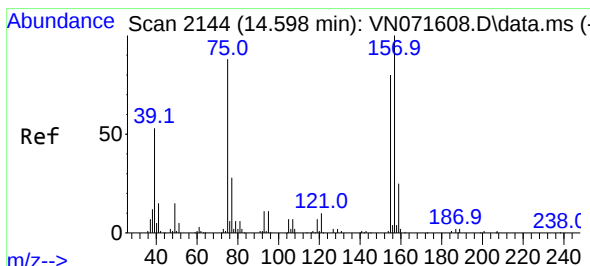
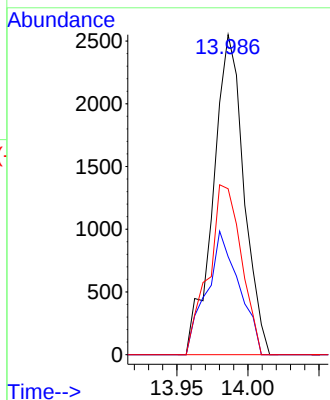
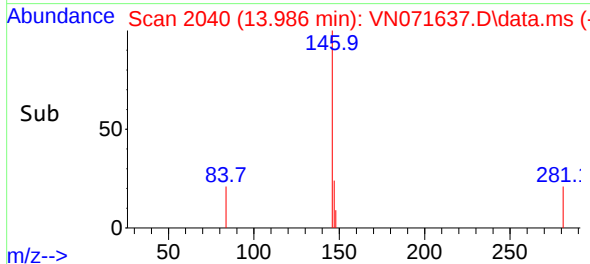
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2022



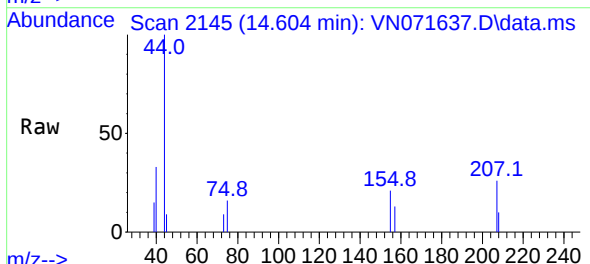
Tgt Ion:146 Resp: 383
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.8
148 56.7 32.1 96.3

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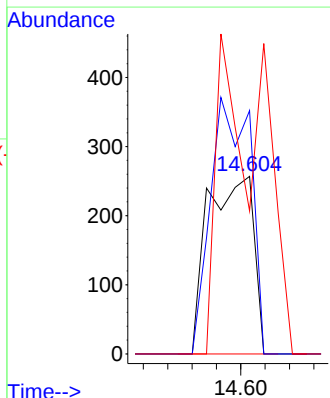
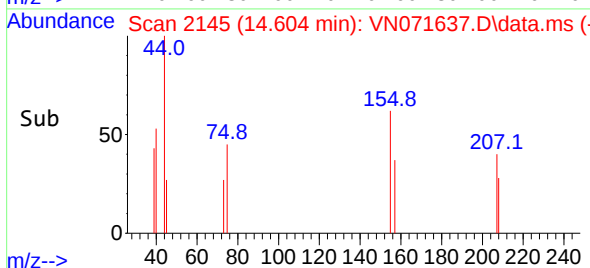
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

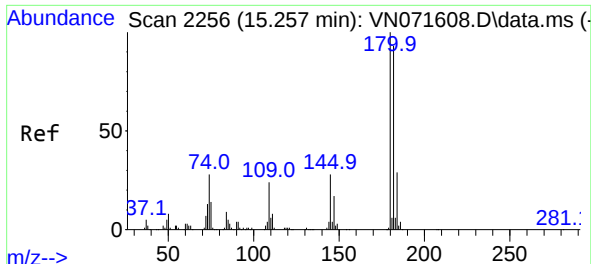


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.255 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



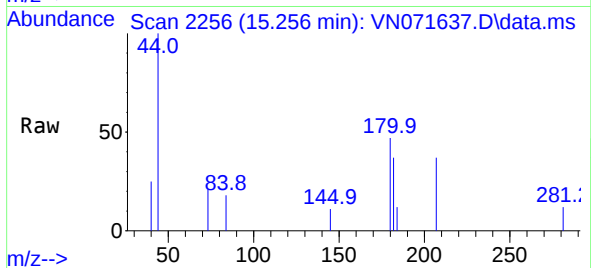
Tgt Ion: 75 Resp: 334
Ion Ratio Lower Upper
75 100
155 125.7 44.9 134.5
157 174.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 0.282 ug/l
RT: 15.256 min Scan# 2112
Delta R.T. -0.001 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

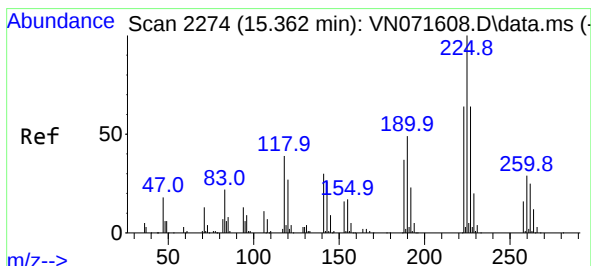
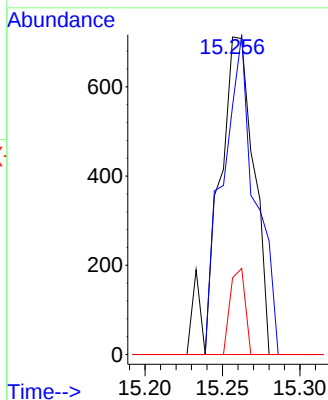
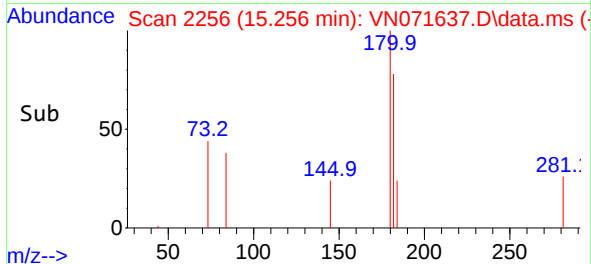
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022



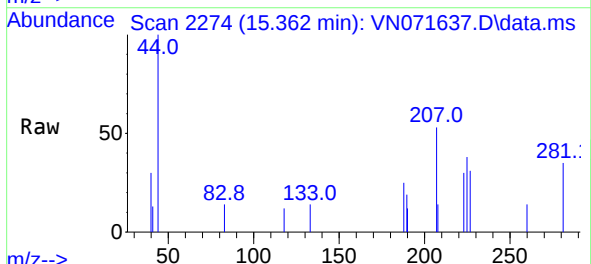
Tgt Ion:180 Resp: 112
Ion Ratio Lower Upper
180 100
182 93.0 47.5 142.5
145 11.5 14.5 43.5

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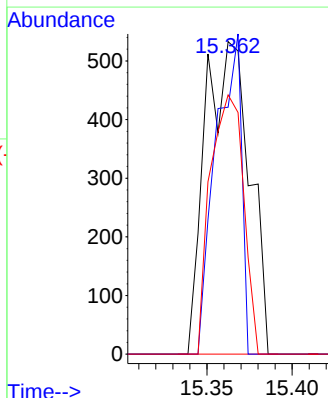
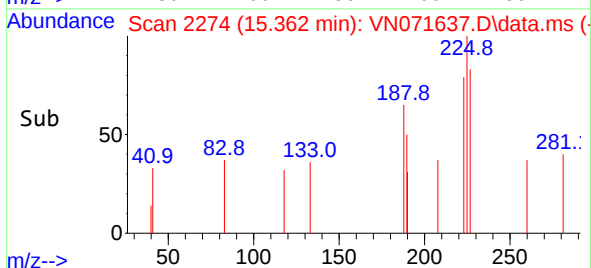
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

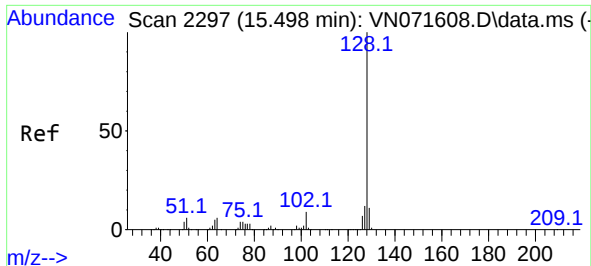


#94
Hexachlorobutadiene
Concen: 0.383 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



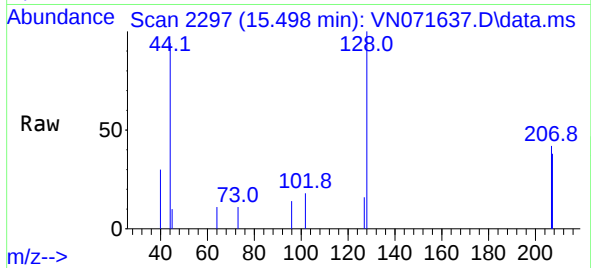
Tgt Ion:225 Resp: 961
Ion Ratio Lower Upper
225 100
223 59.3 32.4 97.2
227 62.1 31.8 95.4





#95
Naphthalene
Concen: 0.209 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18

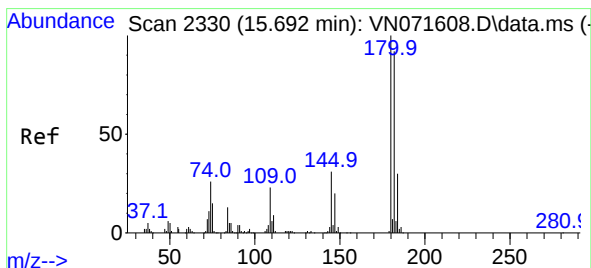
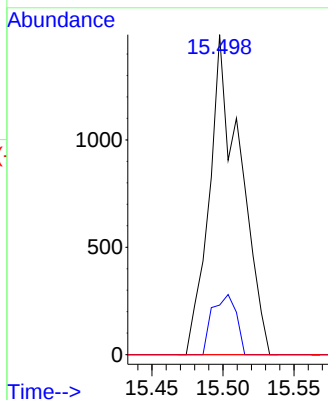
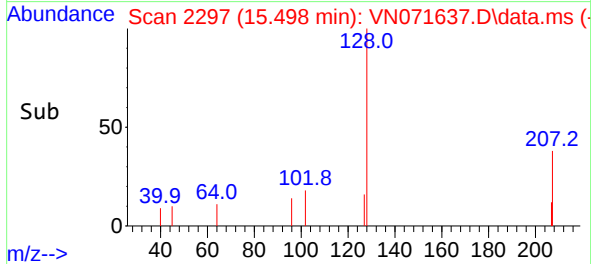
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2022



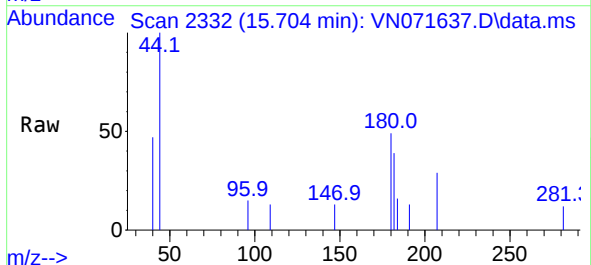
Tgt Ion:128 Resp: 2269
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 0.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.247 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN071637.D
Acq: 29 Mar 2022 17:18



Tgt Ion:180 Resp: 985
Ion Ratio Lower Upper
180 100
182 114.2 47.8 143.3
145 14.7 15.5 46.5

