

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072697.D
 Acq On : 08 Jun 2022 11:27
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jun 09 03:21:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Bromochloromethane	7.651	128	35230	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	212681	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	178548	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	121140	30.150	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.500%			
60) 4-Bromofluorobenzene	12.727	95	94498	25.732	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 85.767%			
63) Toluene-d8	10.439	98	310007	31.343	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.467%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	8517	3.227	ug/l	93
3) Chloromethane	2.298	50	9754	3.399	ug/l	98
4) Vinyl Chloride	2.440	62	9035	3.491	ug/l	91
5) Bromomethane	2.845	94	5188m	3.877	ug/l	
6) Chloroethane	3.004	64	7451m	4.318	ug/l	
7) Trichlorofluoromethane	3.357	101	13779m	2.945	ug/l	
8) Diethyl Ether	3.816	74	5378	2.965	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	7949	3.225	ug/l	71
10) 1,1-Dichloroethene	4.181	96	7920m	3.403	ug/l	
11) Methyl Iodide	4.428	142	6057m	2.599	ug/l	
12) Methyl Acetate	4.851	43	16480	3.432	ug/l	96
13) Acrolein	4.034	56	7310	17.389	ug/l	93
14) Acrylonitrile	5.551	53	29231	14.932	ug/l	95
15) Acetone	4.292	58	7556m	14.256	ug/l	
16) Carbon Disulfide	4.534	76	18584	3.167	ug/l	99
17) Allyl chloride	4.839	41	16391	3.260	ug/l	72
18) Methylene Chloride	5.098	84	9407m	3.219	ug/l	
19) trans-1,2-Dichloroethene	5.592	96	7565m	3.003	ug/l	
20) Diisopropyl ether	6.492	45	29447	2.957	ug/l #	93
21) 1,1-Dichloroethane	6.375	63	16248	2.937	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	9572	3.034	ug/l	87
23) tert-Butyl Alcohol	5.369	59	16215m	17.800	ug/l	
24) Methyl tert-Butyl Ether	5.610	73	29728	2.872	ug/l #	85
25) Chloroform	7.816	83	16065	2.827	ug/l	100
26) Cyclohexane	8.092	56	14453	3.133	ug/l #	92
29) 1,1-Dichloropropene	8.216	75	11845	2.922	ug/l	94
30) 2-Butanone	7.333	43	40894	13.938	ug/l	97
31) 2,2-Dichloropropane	7.322	77	15704	2.862	ug/l	98
32) 1,1,1-Trichloroethane	8.004	97	14808	2.791	ug/l	95
33) Carbon Tetrachloride	8.204	117	12658	2.767	ug/l	87
34) Benzene	8.457	78	37653	3.139	ug/l #	69
35) Methacrylonitrile	7.639	41	9644	3.352	ug/l	84
36) 1,2-Dichloroethane	8.522	62	15280	3.015	ug/l #	80
37) Trichloroethene	9.216	130	8694	3.007	ug/l	96
38) Methylcyclohexane	9.457	83	14391	2.973	ug/l	88
39) 1,2-Dichloropropane	9.486	63	9505	2.885	ug/l #	88
40) Dibromomethane	9.574	93	6620	2.927	ug/l	95
41) Bromodichloromethane	9.757	83	13297	2.748	ug/l #	90
42) Vinyl Acetate	6.428	43	133851m	14.013	ug/l	

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Instrument :
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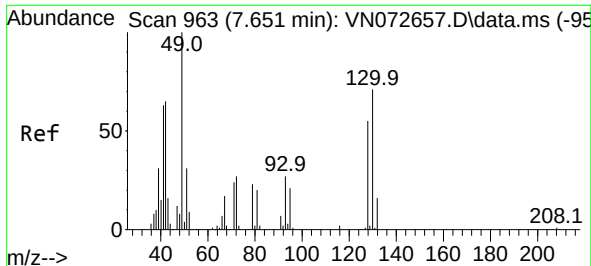
Quant Time: Jun 09 03:21:50 2022
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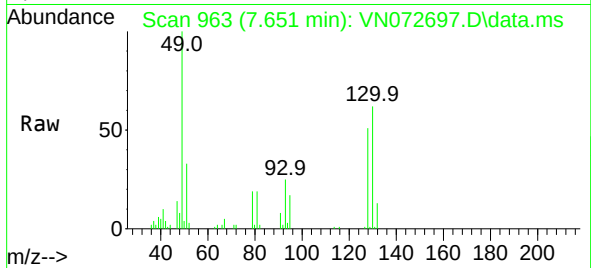
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.404	43	17512	3.115	ug/l	#	93
44) Isopropyl Acetate	8.557	43	27661m	2.966	ug/l		
45) 1,4-Dioxane	9.569	88	4805	62.705	ug/l	#	86
46) Methyl methacrylate	9.551	41	12029	2.885	ug/l		79
47) n-amyl Acetate	12.386	43	15129	2.119	ug/l		100
48) t-1,3-Dichloropropene	10.716	75	14377	2.603	ug/l	#	85
49) cis-1,3-Dichloropropene	10.186	75	15271	2.723	ug/l		99
50) 1,1,2-Trichloroethane	10.892	97	9559	2.989	ug/l		92
51) Ethyl methacrylate	10.757	69	14552	2.512	ug/l		91
52) 1,3-Dichloropropane	11.039	76	16495	2.898	ug/l		100
53) Dibromochloromethane	11.233	129	8947	2.536	ug/l		99
54) 1,2-Dibromoethane	11.339	107	9727	2.893	ug/l		98
55) 2-Chloroethyl vinyl ether	10.039	63	27068	11.931	ug/l		95
56) Bromoform	12.457	173	5834	2.373	ug/l	#	99
58) 4-Methyl-2-Pentanone	10.327	43	81657	15.248	ug/l		99
59) 2-Hexanone	11.080	43	57768	14.228	ug/l		98
61) Tetrachloroethene	10.974	164	7690	3.480	ug/l		89
62) Toluene	10.504	91	38784	3.204	ug/l		94
64) Chlorobenzene	11.768	112	21105	2.863	ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.833	131	9521	3.276	ug/l		90
66) Ethyl Benzene	11.839	91	40939	2.945	ug/l		95
67) m/p-Xylenes	11.951	106	29563	5.831	ug/l		98
68) o-Xylene	12.274	106	14943	2.889	ug/l		100
69) Styrene	12.286	104	20035	2.440	ug/l		98
70) Isopropylbenzene	12.574	105	37482	2.773	ug/l		97
71) 1,1,2,2-Tetrachloroethane	12.821	83	12951	2.831	ug/l		99
72) 1,2,3-Trichloropropane	12.874	75	17463m	4.374	ug/l		
73) Bromobenzene	12.857	156	7162	2.607	ug/l		64
74) n-propylbenzene	12.915	91	38720	2.504	ug/l		98
75) 2-Chlorotoluene	13.004	91	26016	2.714	ug/l		92
76) 1,3,5-Trimethylbenzene	13.057	105	28915	2.607	ug/l		98
77) t-1,4-Dichloro-2-butene	12.627	75	3803	2.260	ug/l		82
78) 4-Chlorotoluene	13.104	91	22075	2.438	ug/l		91
79) tert-butylbenzene	13.321	119	25418	2.567	ug/l		93
80) 1,2,4-Trimethylbenzene	13.498	105	33282	2.488	ug/l	#	100
81) sec-Butylbenzene	13.498	105	33282	2.488	ug/l		98
82) p-Isopropyltoluene	13.609	119	24957	2.338	ug/l		97
83) 1,3-Dichlorobenzene	13.615	146	11878	2.470	ug/l		98
84) 1,4-Dichlorobenzene	13.692	146	11267	2.413	ug/l		98
85) n-Butylbenzene	13.939	91	20779	2.295	ug/l		96
86) Hexachloroethane	14.215	117	5805	2.457	ug/l		89
87) 1,2-Dichlorobenzene	13.986	146	12598	2.647	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.604	75	2870m	2.502	ug/l		
89) 1,2,4-Trichlorobenzene	15.262	180	5118	2.134	ug/l		94
90) Hexachlorobutadiene	15.368	225	3084	2.866	ug/l		87
91) Naphthalene	15.503	128	17072	1.784	ug/l		99
92) 1,2,3-Trichlorobenzene	15.698	180	4810	1.971	ug/l		90

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

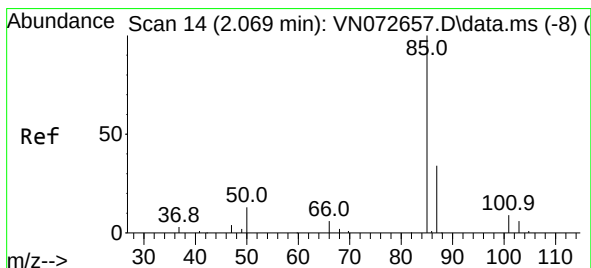
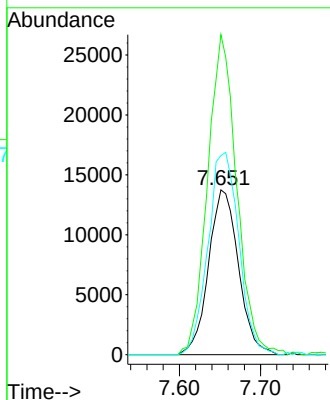
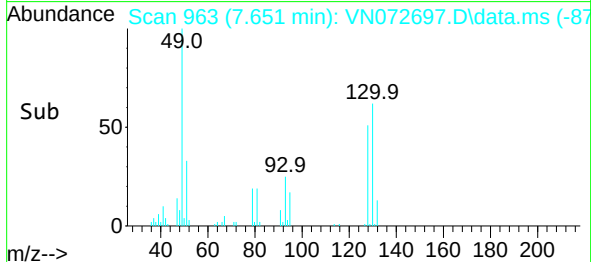
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 128 Resp: 35230
Ion Ratio Lower Upper
128 100
49 189.0 0.0 392.3
130 126.9 0.0 320.2

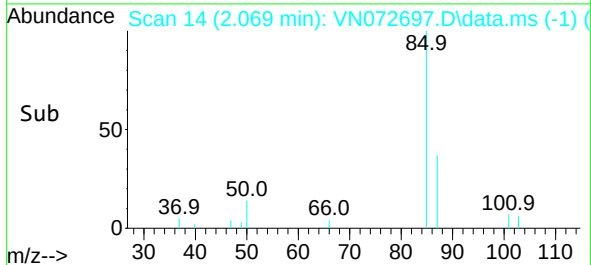
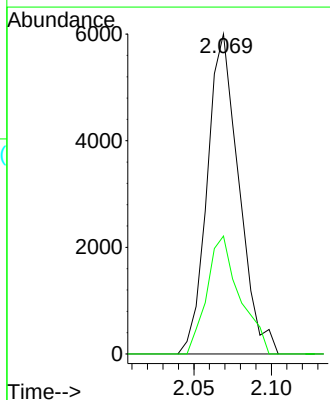
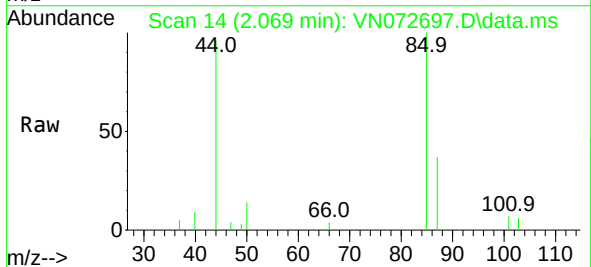
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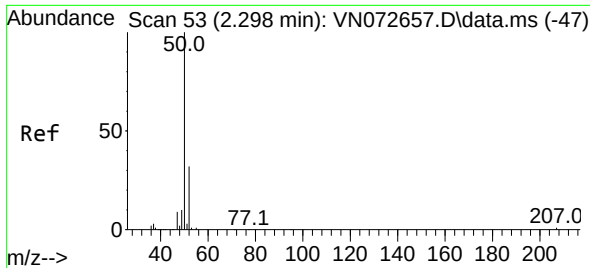
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#2
Dichlorodifluoromethane
Concen: 3.227 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

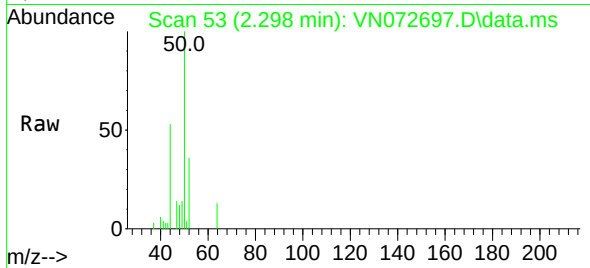
Tgt Ion: 85 Resp: 8517
Ion Ratio Lower Upper
85 100
87 36.8 16.6 49.7





#3
Chloromethane
Concen: 3.399 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

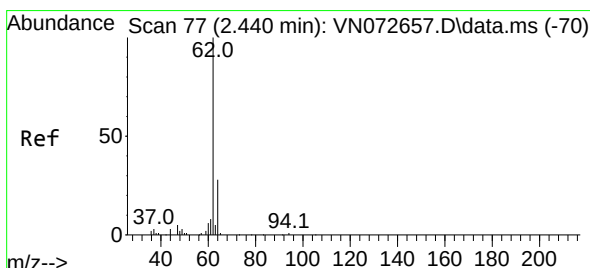
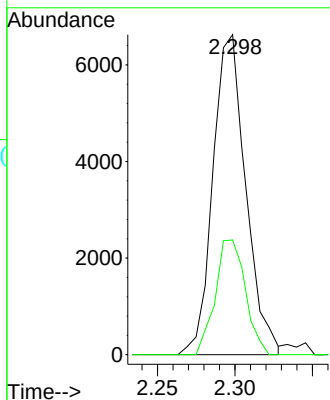
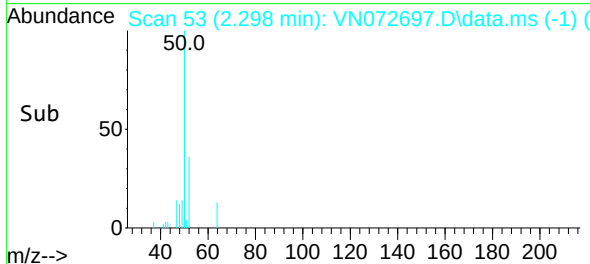
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



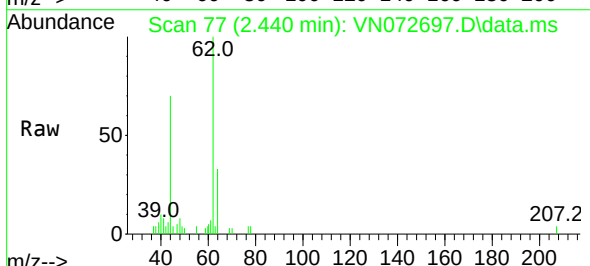
Tgt Ion: 50 Resp: 9754
Ion Ratio Lower Upper
50 100
52 35.9 27.8 41.6

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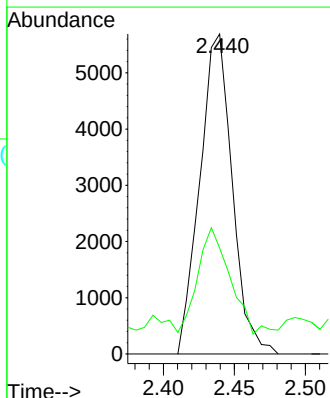
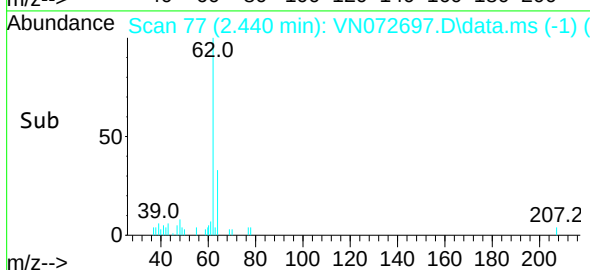
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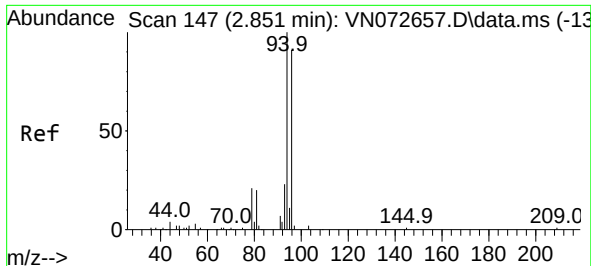


#4
Vinyl Chloride
Concen: 3.491 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



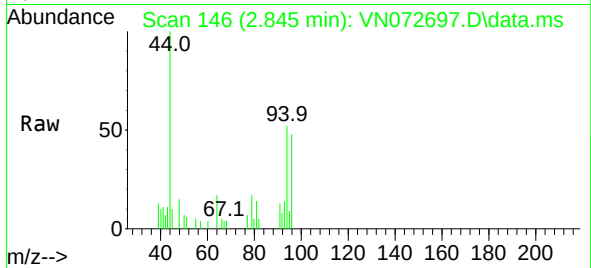
Tgt Ion: 62 Resp: 9035
Ion Ratio Lower Upper
62 100
64 26.4 25.1 37.7





#5
Bromomethane
Concen: 3.877 ug/l m
RT: 2.845 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

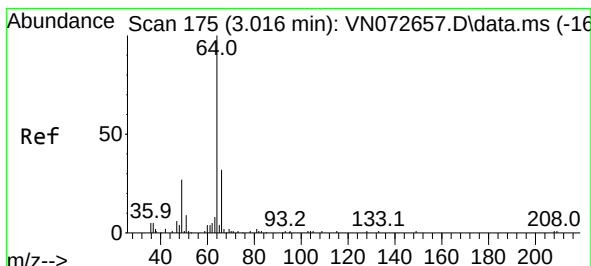
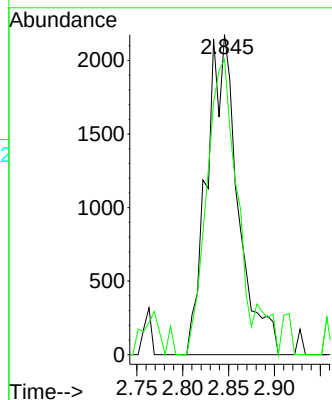
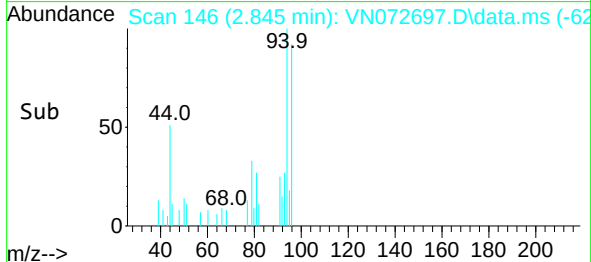
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 94 Resp: 518
Ion Ratio Lower Upper
94 100
96 92.3 75.2 112.8

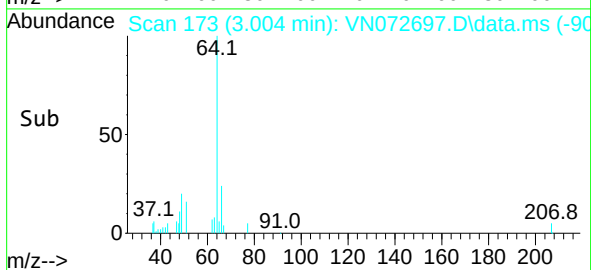
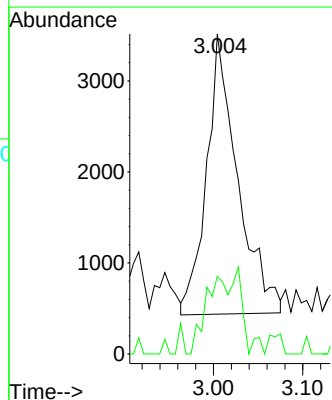
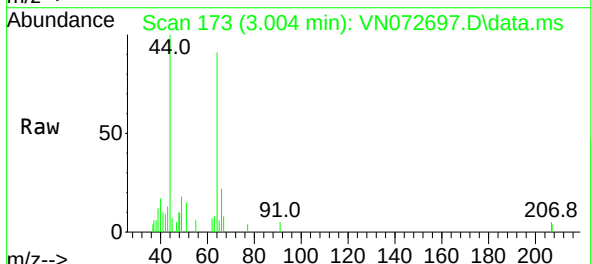
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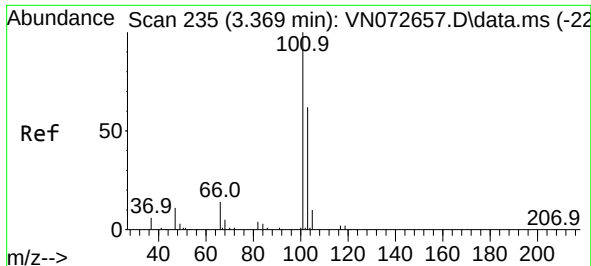
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#6
Chloroethane
Concen: 4.318 ug/l m
RT: 3.004 min Scan# 173
Delta R.T. -0.012 min
Lab File: VN072697.D
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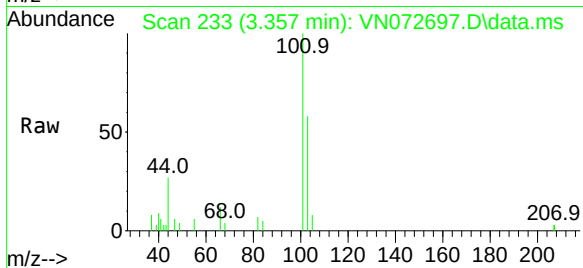
Tgt Ion: 64 Resp: 7451
Ion Ratio Lower Upper
64 100
66 24.3 24.6 36.8#





#7
Trichlorofluoromethane
Concen: 2.945 ug/l m
RT: 3.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

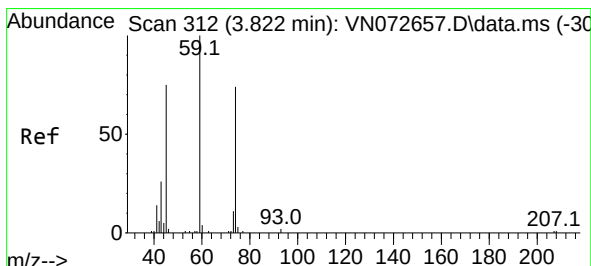
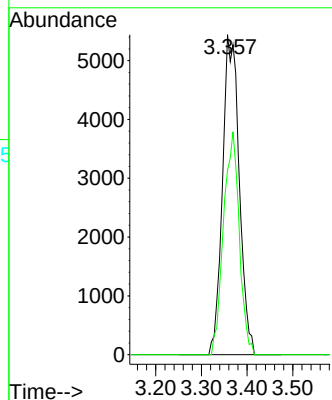
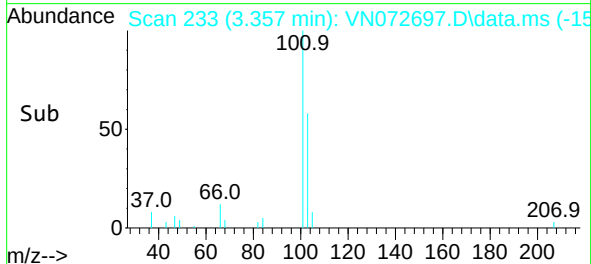
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 13779
Ion Ratio Lower Upper
101 100
103 57.7 50.1 75.1

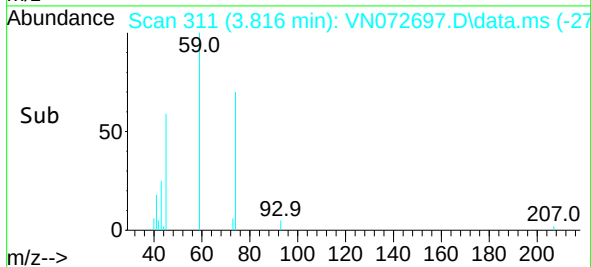
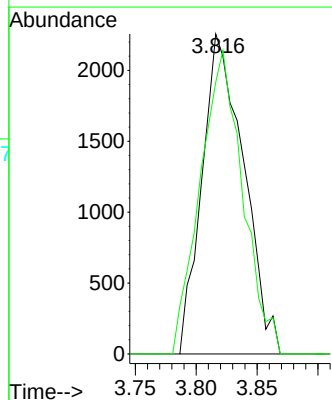
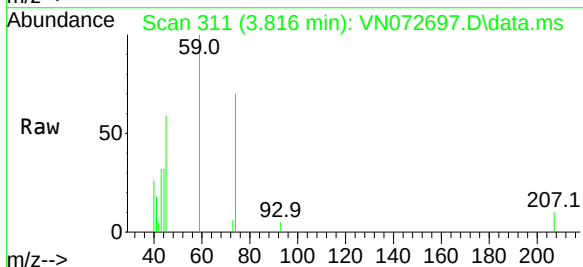
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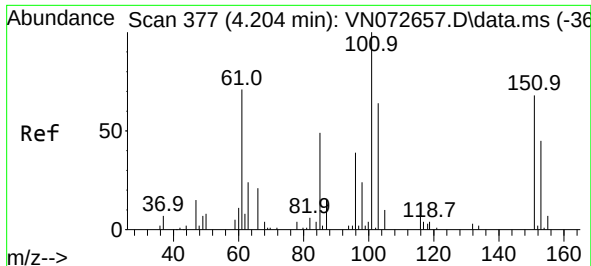
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#8
Diethyl Ether
Concen: 2.965 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 74 Resp: 5378
Ion Ratio Lower Upper
74 100
45 96.8 17.6 158.8





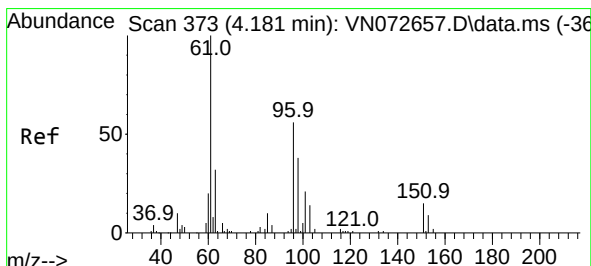
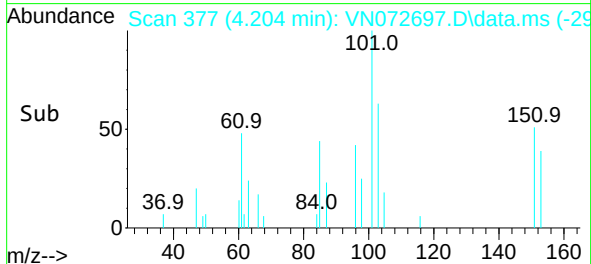
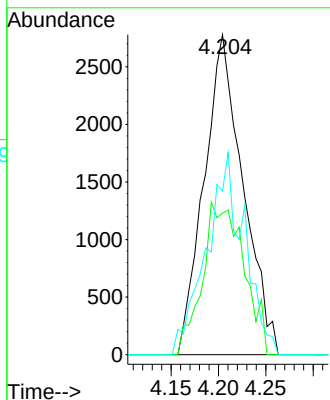
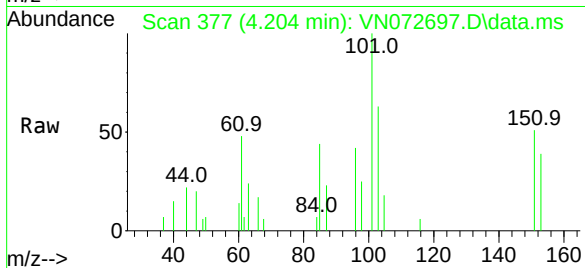
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.225 ug/l
RT: 4.204 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN072697.D
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Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:101 Resp: 7949
Ion Ratio Lower Upper
101 100
85 20.9 0.0 94.0
151 47.4 0.0 74.6

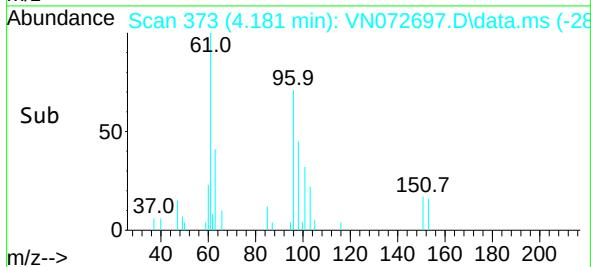
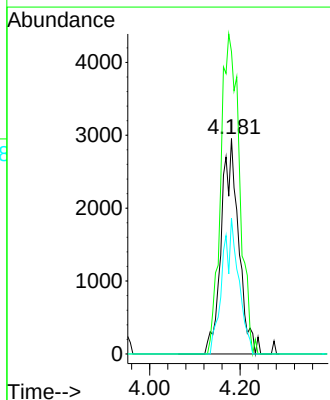
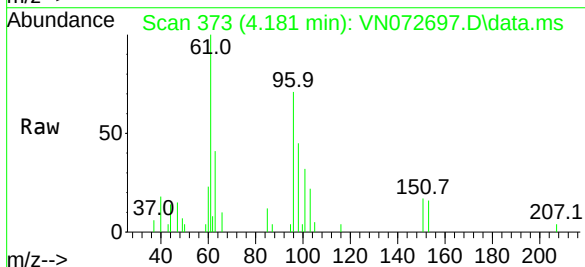
Manual Integrations
APPROVED

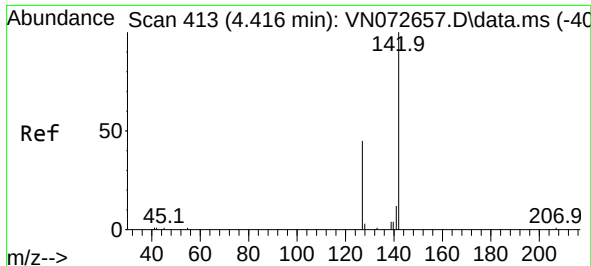
Reviewed By :John Carbone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#10
1,1-Dichloroethene
Concen: 3.403 ug/l m
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

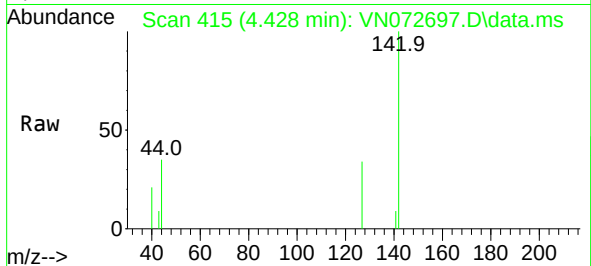
Tgt Ion: 96 Resp: 7920
Ion Ratio Lower Upper
96 100
61 140.3 126.2 189.4
98 63.1 50.9 76.3





#11
Methyl Iodide
Concen: 2.599 ug/l m
RT: 4.428 min Scan# 413
Delta R.T. 0.012 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

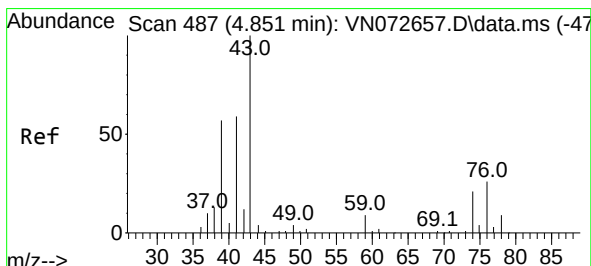
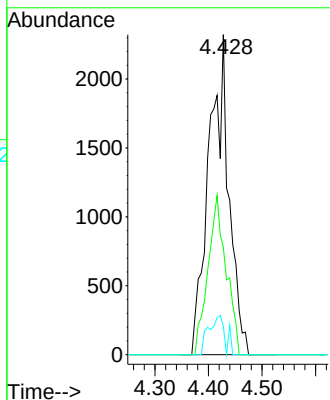
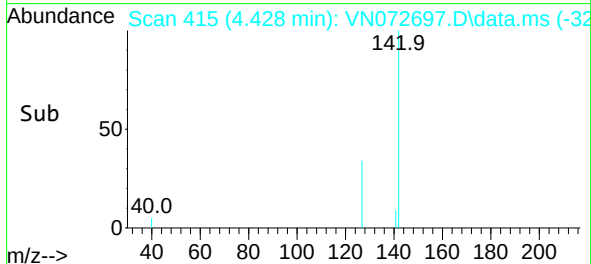
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:142 Resp: 605
Ion Ratio Lower Upper
142 100
127 33.6 24.0 72.0
141 9.0 8.4 25.2

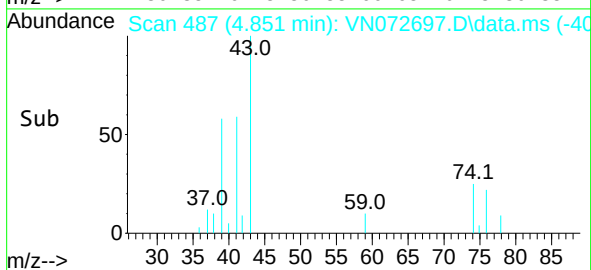
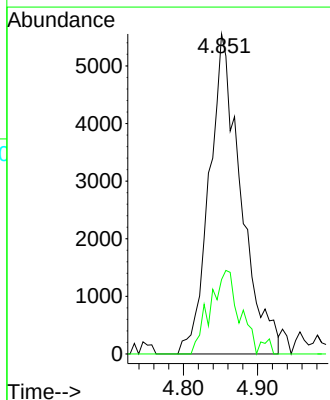
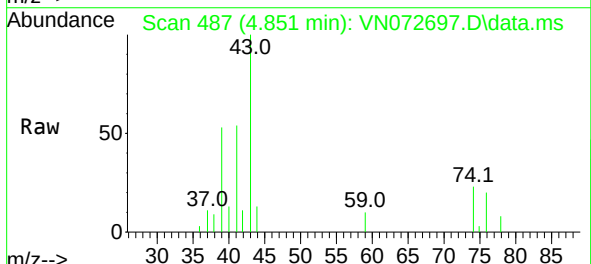
Manual Integrations
APPROVED

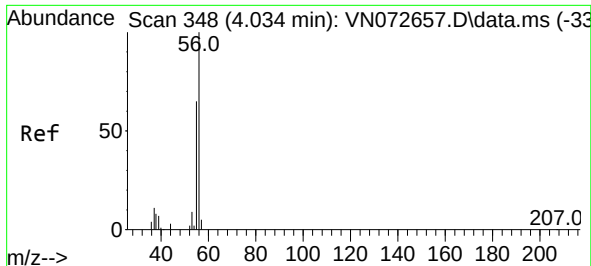
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#12
Methyl Acetate
Concen: 3.432 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

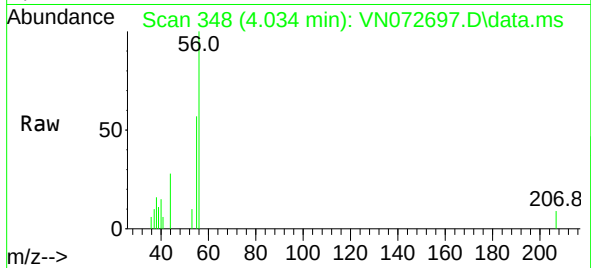
Tgt Ion: 43 Resp: 16480
Ion Ratio Lower Upper
43 100
74 23.9 20.8 31.2





#13
Acrolein
Concen: 17.389 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

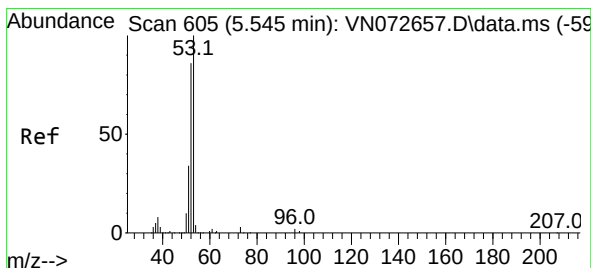
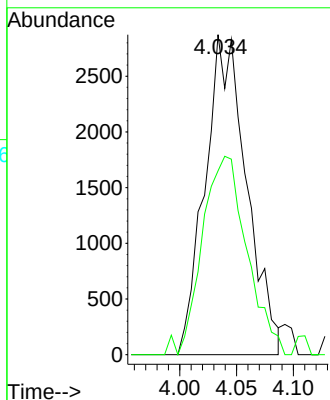
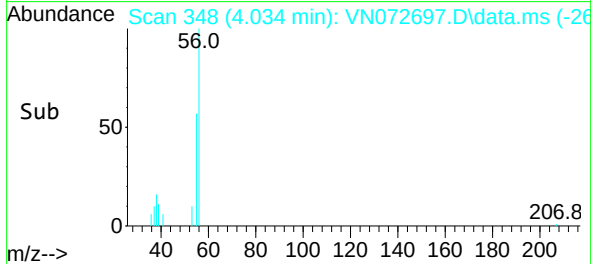
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 56 Resp: 7310
Ion Ratio Lower Upper
56 100
55 65.8 57.6 86.4

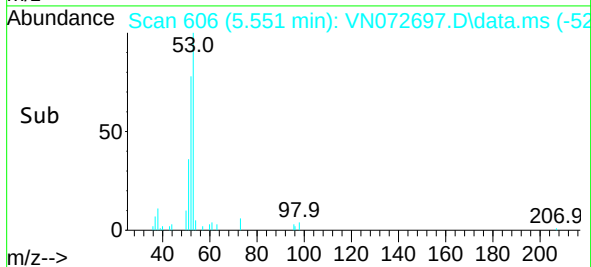
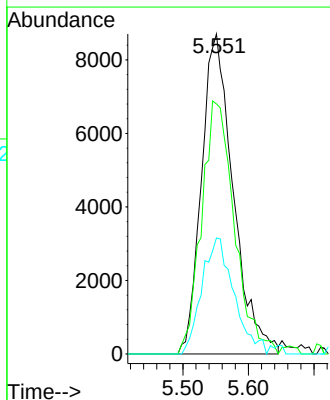
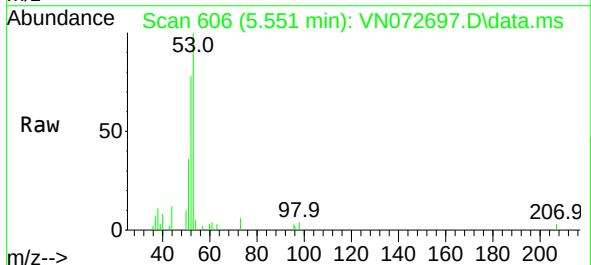
Manual Integrations
APPROVED

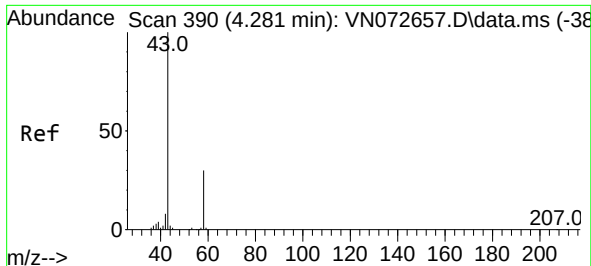
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#14
Acrylonitrile
Concen: 14.932 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

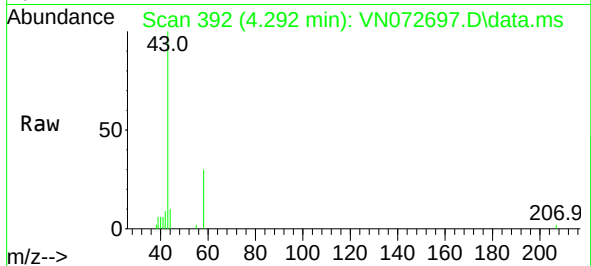
Tgt Ion: 53 Resp: 29231
Ion Ratio Lower Upper
53 100
52 78.4 41.8 125.4
51 35.8 19.0 57.0





#15
Acetone
Concen: 14.256 ug/l m
RT: 4.292 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

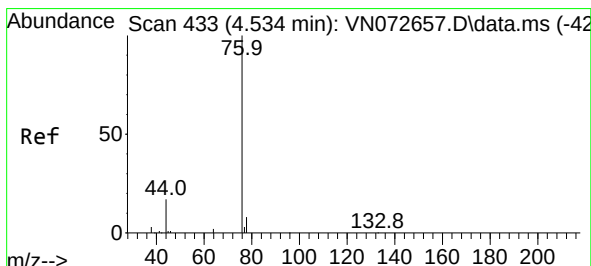
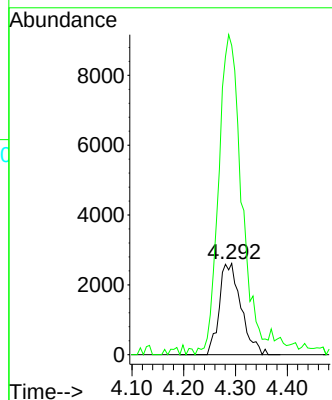
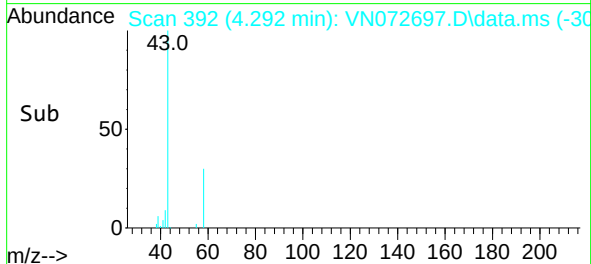
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 58 Resp: 7550
Ion Ratio Lower Upper
58 100
43 338.7 256.6 384.8

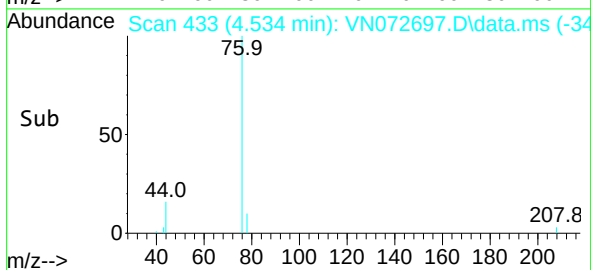
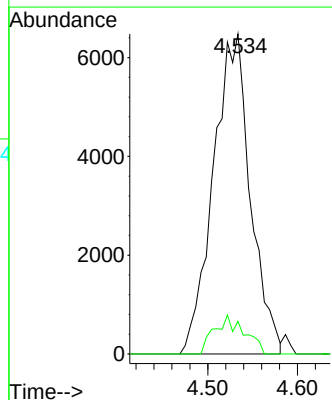
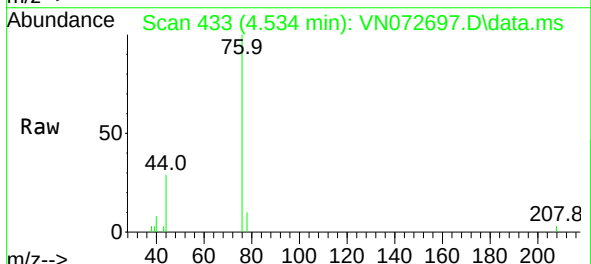
Manual Integrations
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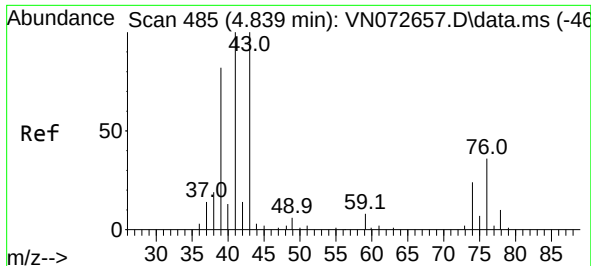
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
Carbon Disulfide
Concen: 3.167 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

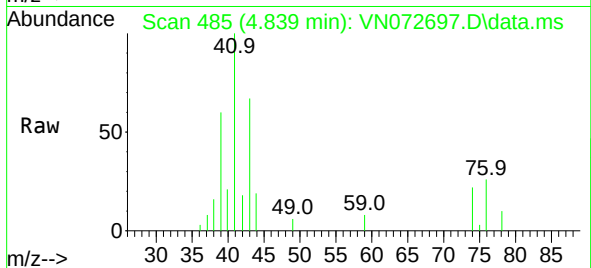
Tgt Ion: 76 Resp: 18584
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.8





#17
 Allyl chloride
 Concen: 3.260 ug/l
 RT: 4.839 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27

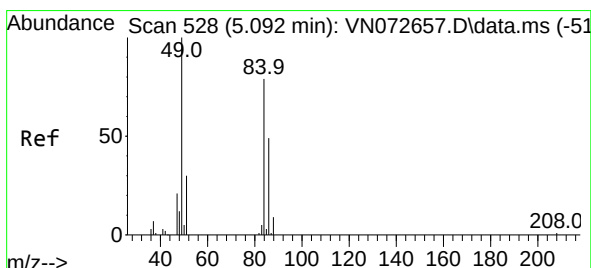
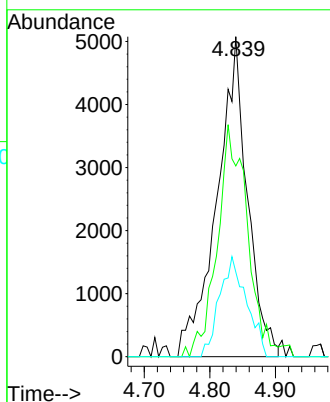
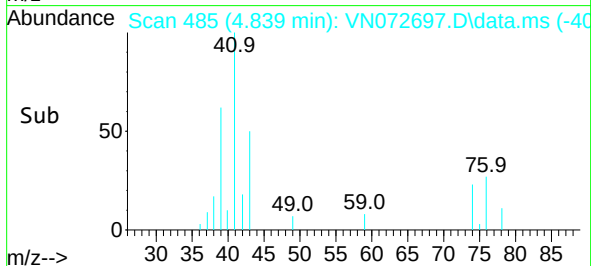
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022



Tgt Ion: 41 Resp: 1639
 Ion Ratio Lower Upper
 41 100
 39 59.6 44.6 134.0
 76 26.4 19.6 58.7

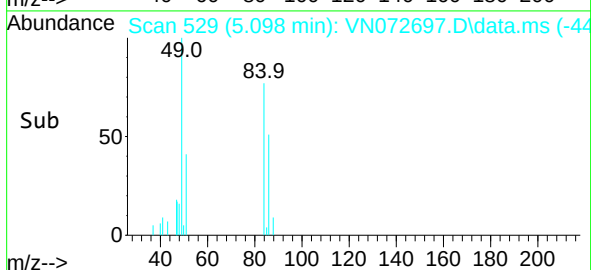
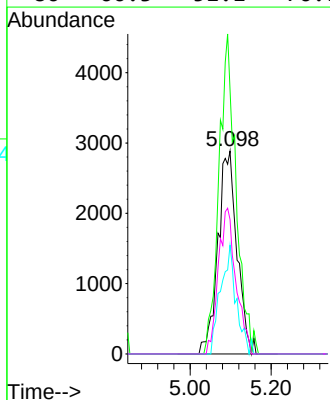
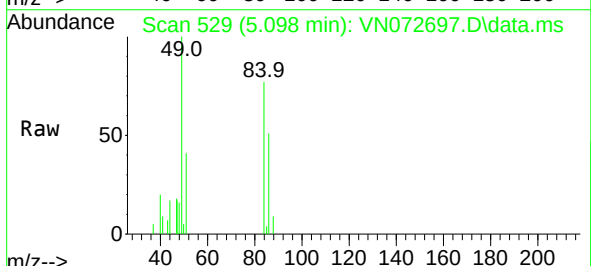
Manual Integrations
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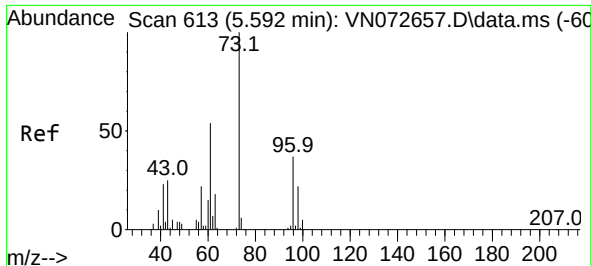
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#18
 Methylene Chloride
 Concen: 3.219 ug/l m
 RT: 5.098 min Scan# 529
 Delta R.T. 0.006 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27

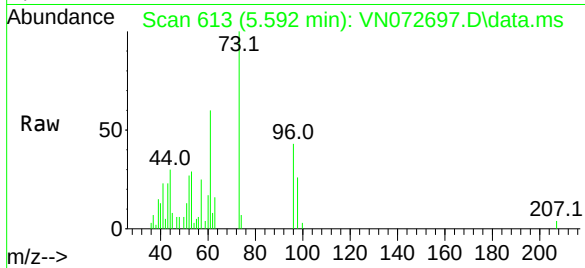
Tgt Ion: 84 Resp: 9407
 Ion Ratio Lower Upper
 84 100
 49 130.2 91.4 137.0
 51 53.6 29.4 44.0#
 86 66.3 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 3.003 ug/l m
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

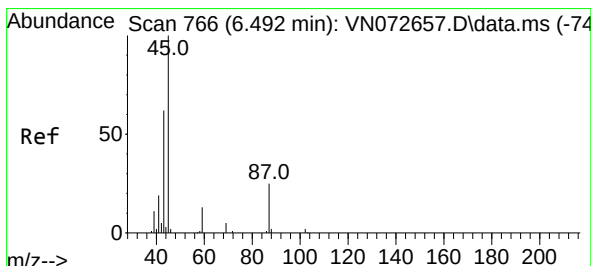
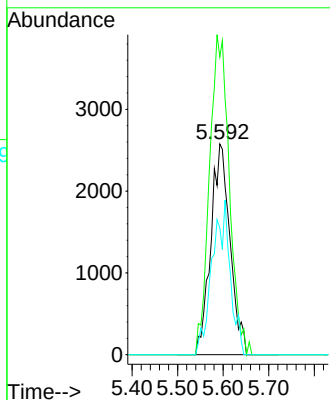
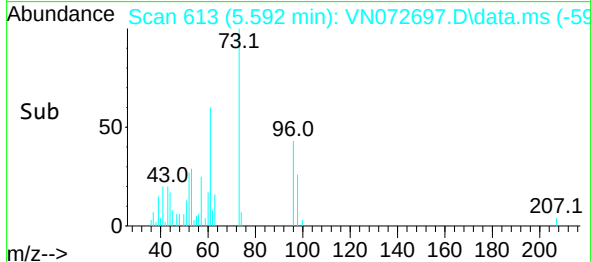
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 96 Resp: 756
Ion Ratio Lower Upper
96 100
61 141.3 102.8 154.2
98 60.1 49.3 73.9

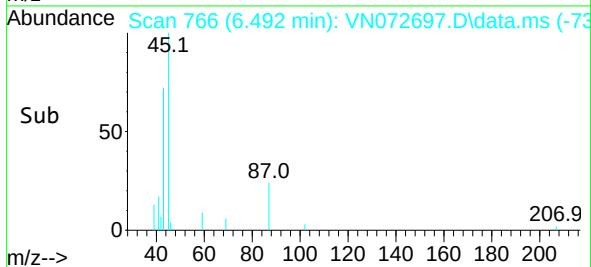
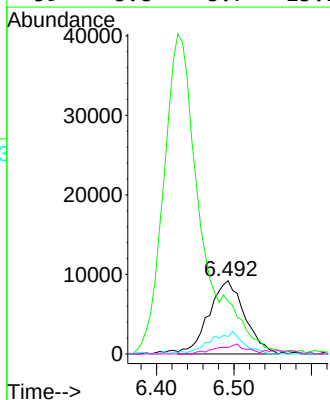
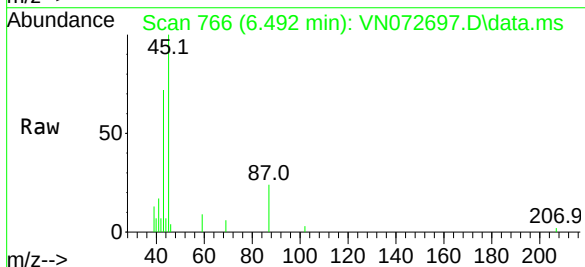
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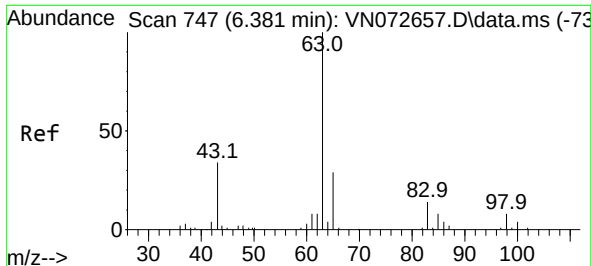
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#20
Diisopropyl ether
Concen: 2.957 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 45 Resp: 29447
Ion Ratio Lower Upper
45 100
43 66.5 51.0 76.4
87 23.9 25.0 37.4#
59 8.8 8.7 13.1





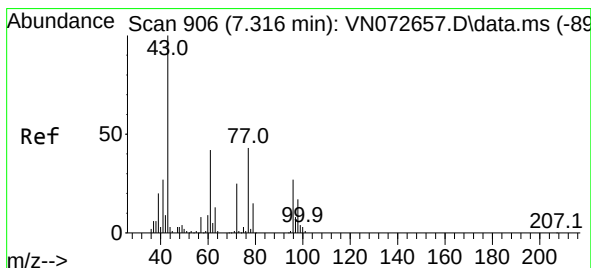
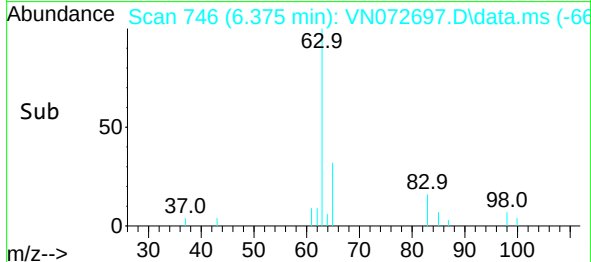
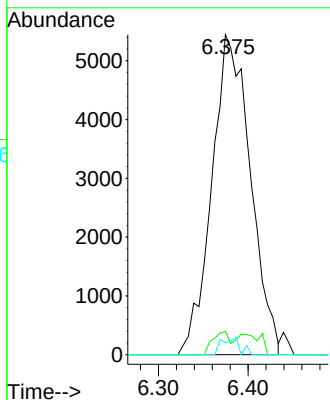
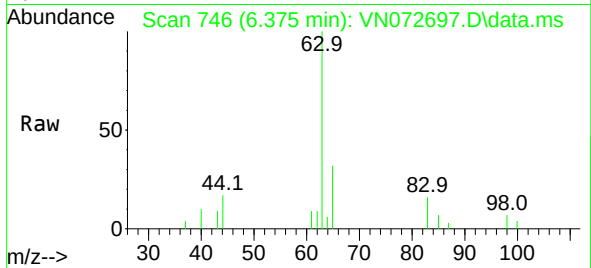
#21
1,1-Dichloroethane
Concen: 2.937 ug/l
RT: 6.375 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

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

Tgt Ion: 63 Resp: 1624
Ion Ratio Lower Upper
63 100
98 7.3 3.2 9.6
100 3.7 2.1 6.2

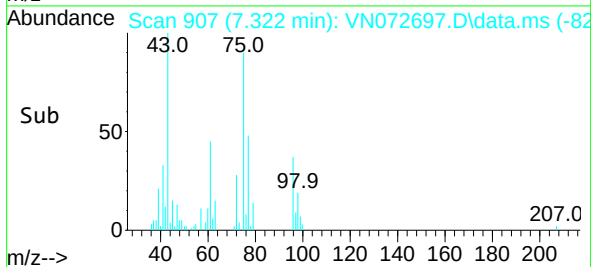
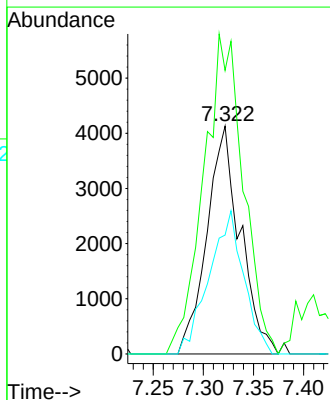
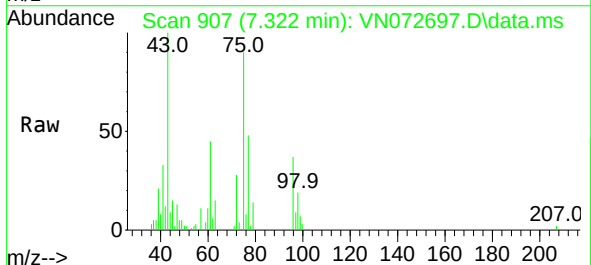
Manual Integrations
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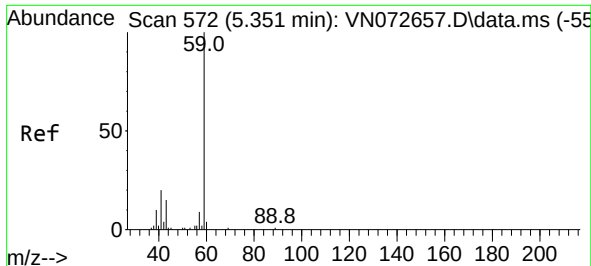
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#22
cis-1,2-Dichloroethene
Concen: 3.034 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

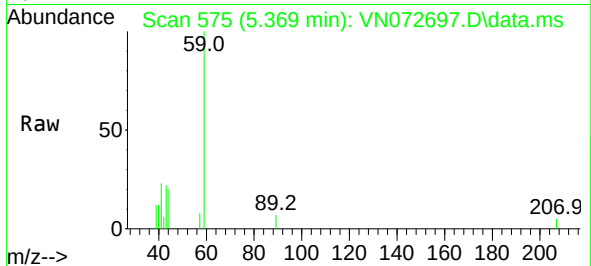
Tgt Ion: 96 Resp: 9572
Ion Ratio Lower Upper
96 100
61 166.7 115.7 173.5
98 65.2 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 17.800 ug/l m
RT: 5.369 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

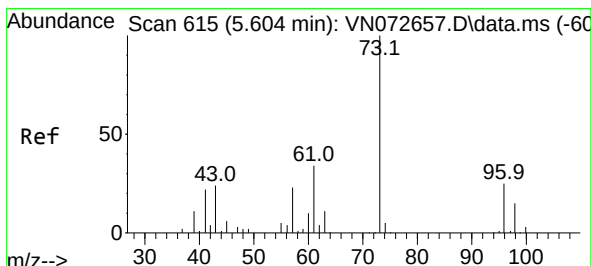
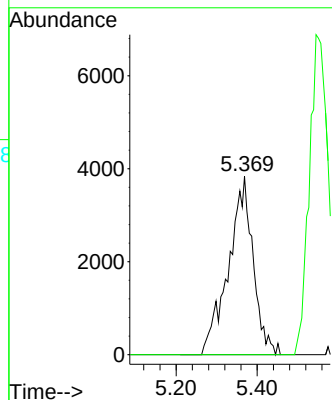
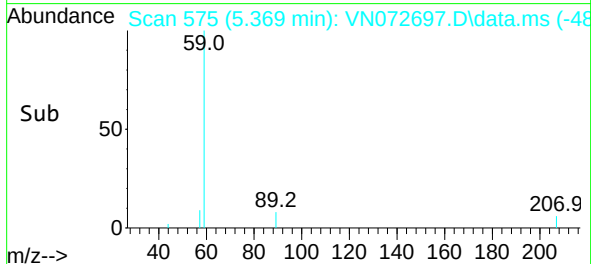
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 59 Resp: 1621
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

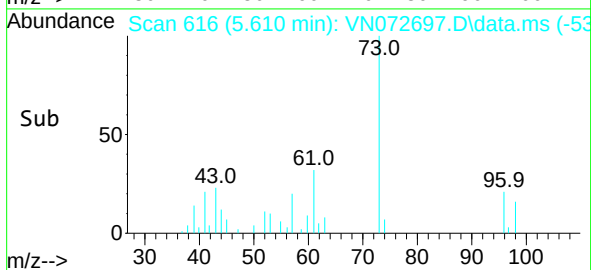
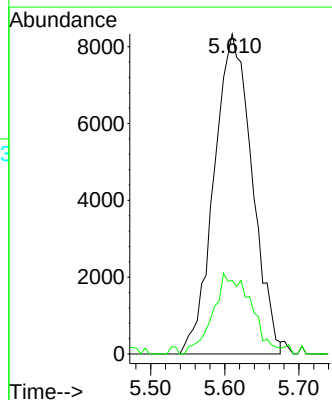
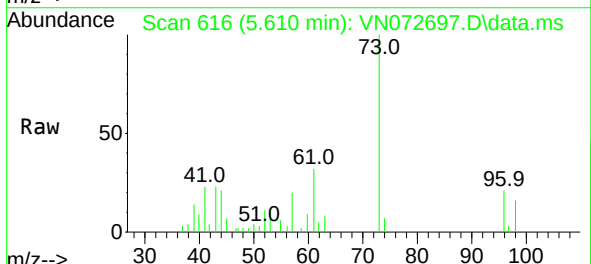
Manual Integrations
APPROVED

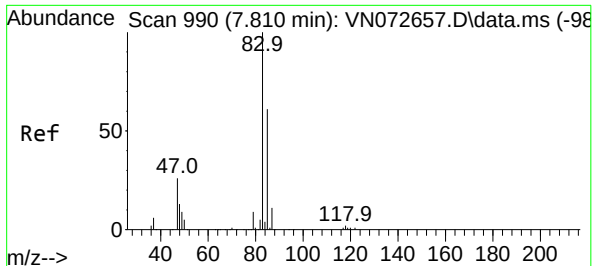
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#24
Methyl tert-Butyl Ether
Concen: 2.872 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

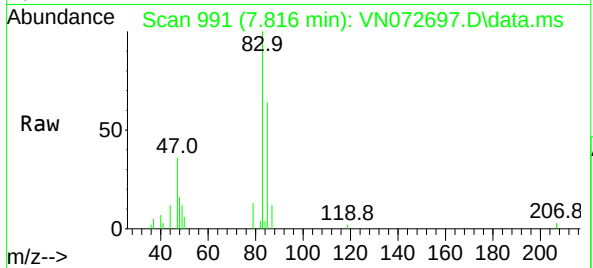
Tgt Ion: 73 Resp: 29728
Ion Ratio Lower Upper
73 100
43 15.4 18.1 27.1#





#25
Chloroform
Concen: 2.827 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

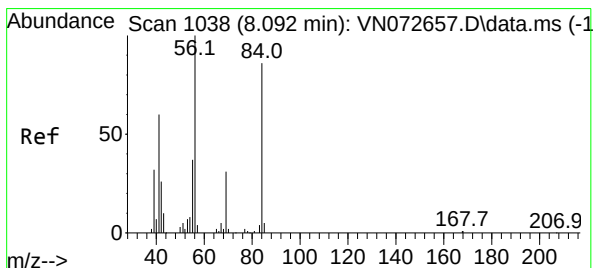
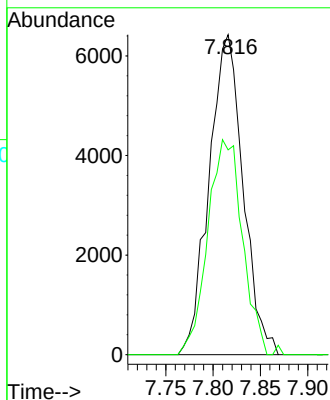
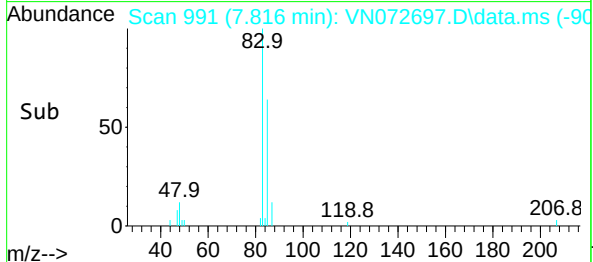
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



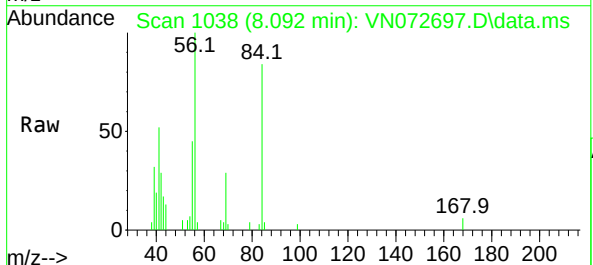
Tgt Ion: 83 Resp: 1606
Ion Ratio Lower Upper
83 100
85 64.0 51.3 76.9

Manual Integrations
APPROVED

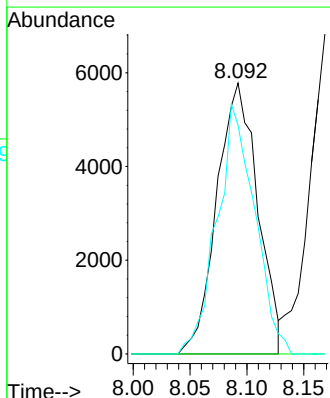
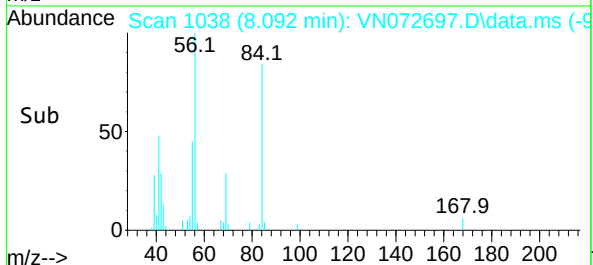
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

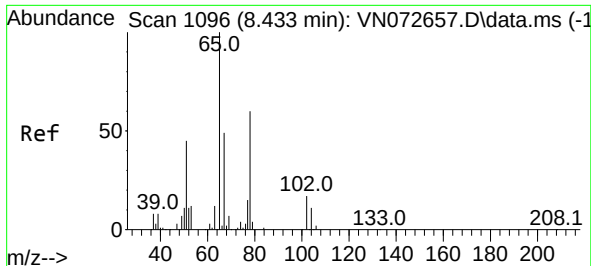


#26
Cyclohexane
Concen: 3.133 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



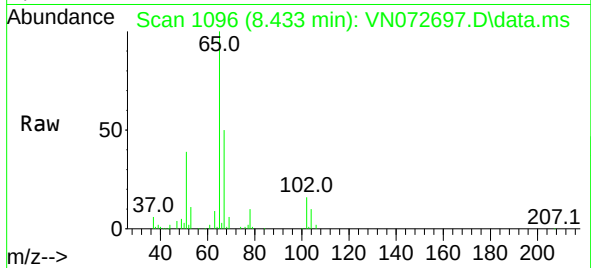
Tgt Ion: 56 Resp: 14453
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.5 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.150 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

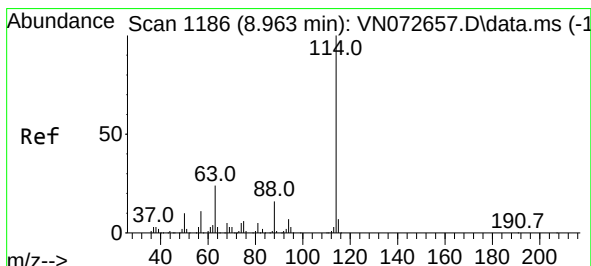
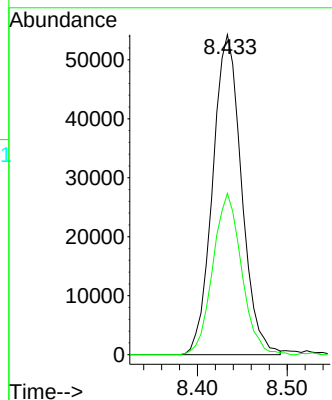
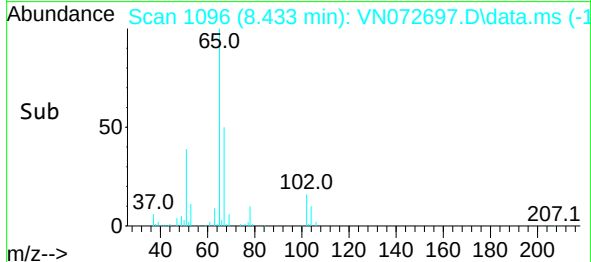
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



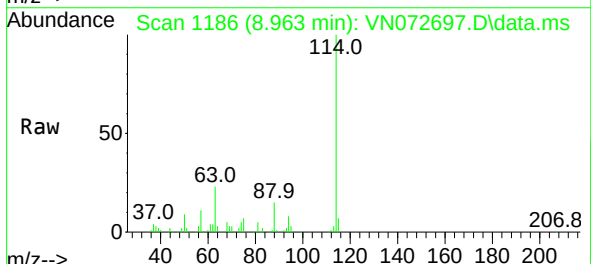
Tgt Ion: 65 Resp: 121140
Ion Ratio Lower Upper
65 100
67 50.1 40.2 60.2

Manual Integrations
APPROVED

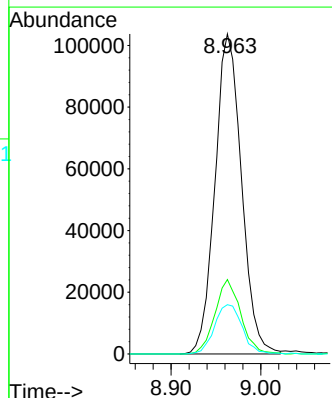
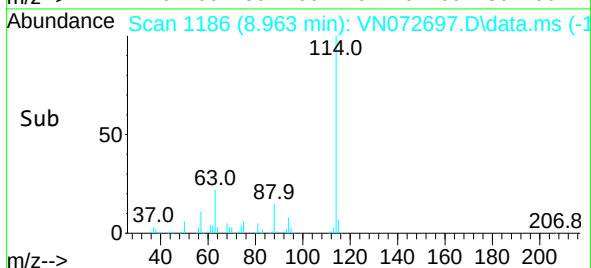
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

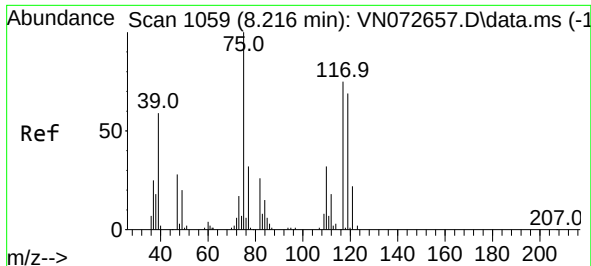


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



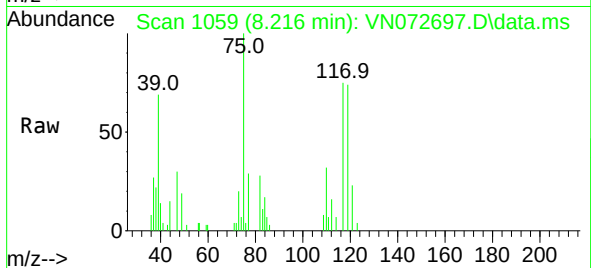
Tgt Ion:114 Resp: 212681
Ion Ratio Lower Upper
114 100
63 22.7 15.8 23.6
88 16.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 2.922 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

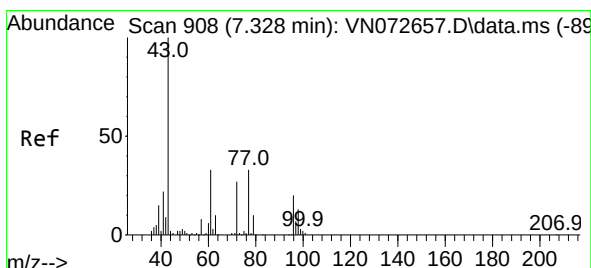
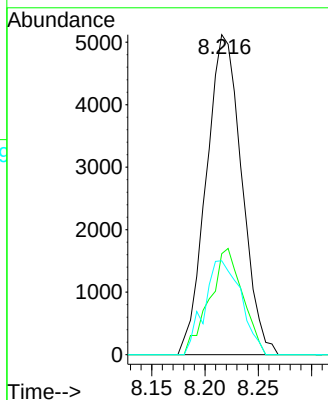
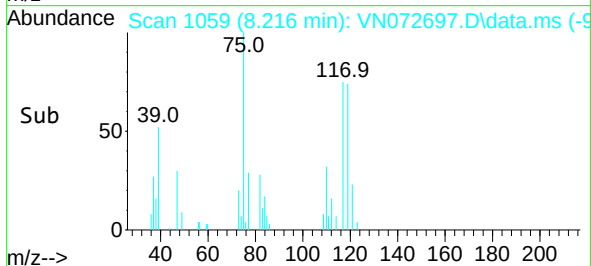
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



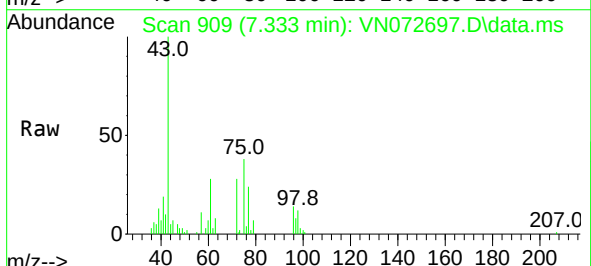
Tgt Ion: 75 Resp: 1184
Ion Ratio Lower Upper
75 100
110 31.0 0.0 74.2
77 30.4 0.0 63.2

Manual Integrations
APPROVED

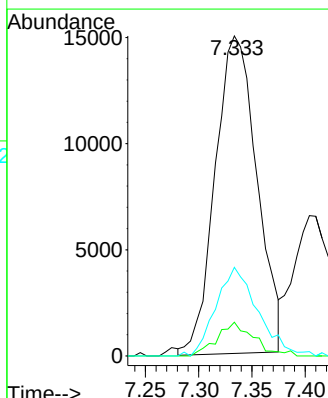
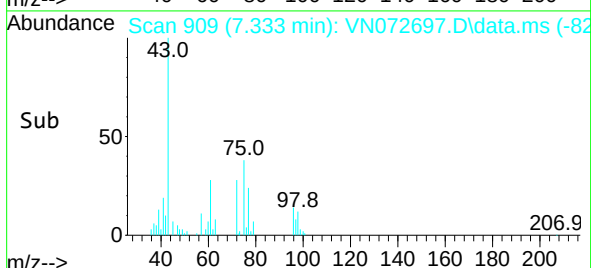
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

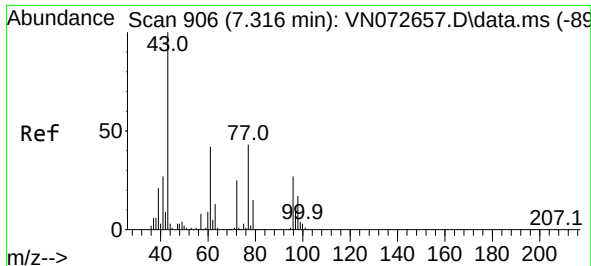


#30
2-Butanone
Concen: 13.938 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



Tgt Ion: 43 Resp: 40894
Ion Ratio Lower Upper
43 100
57 8.9 6.7 10.1
72 27.4 23.2 34.8





#31

2,2-Dichloropropane

Concen: 2.862 ug/l

RT: 7.322 min Scan# 906

Delta R.T. 0.006 min

Lab File: VN072697.D

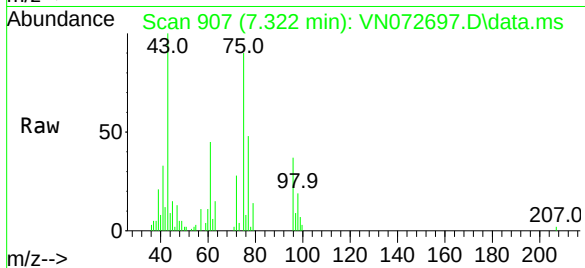
Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 77 Resp: 15704

Ion Ratio Lower Upper

77 100

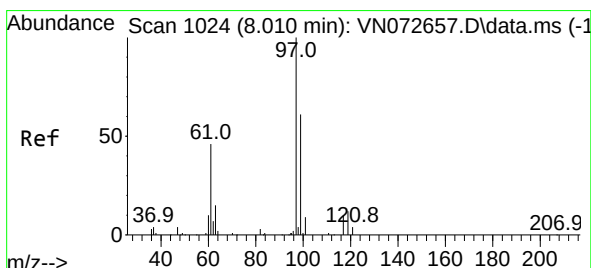
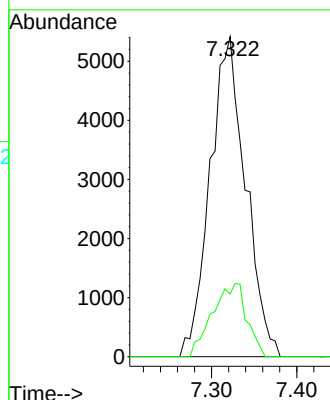
97 22.1 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#32

1,1,1-Trichloroethane

Concen: 2.791 ug/l

RT: 8.004 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

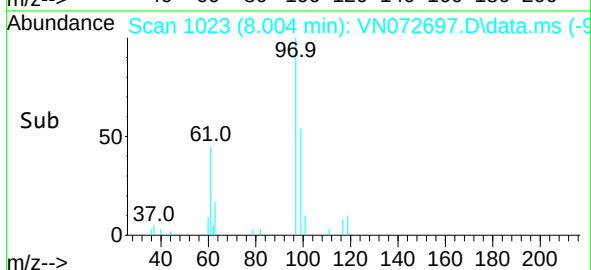
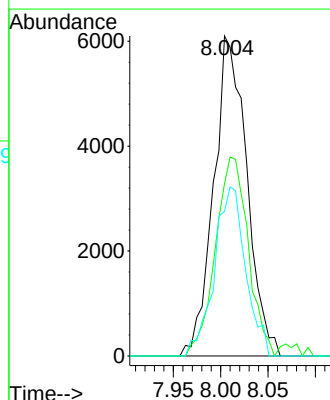
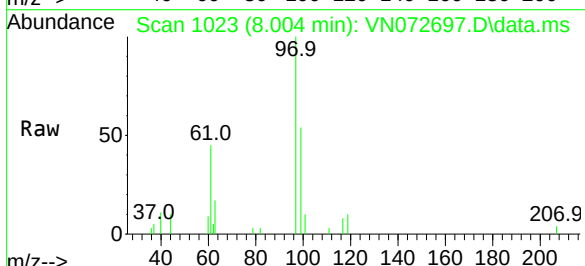
Tgt Ion: 97 Resp: 14808

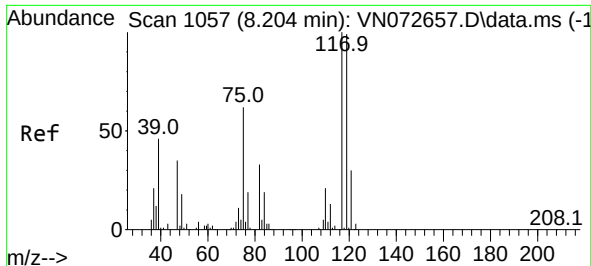
Ion Ratio Lower Upper

97 100

99 61.6 50.4 75.6

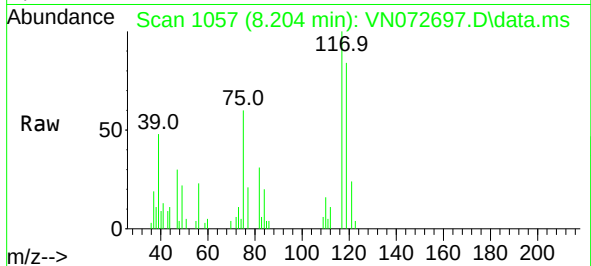
61 50.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 2.767 ug/l
RT: 8.204 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

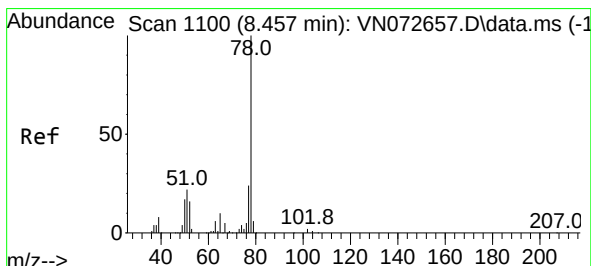
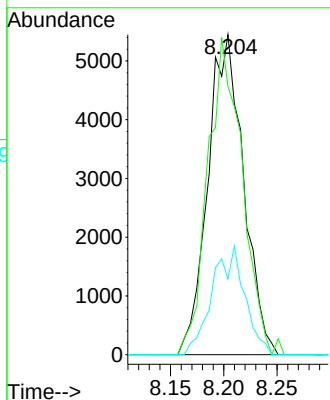
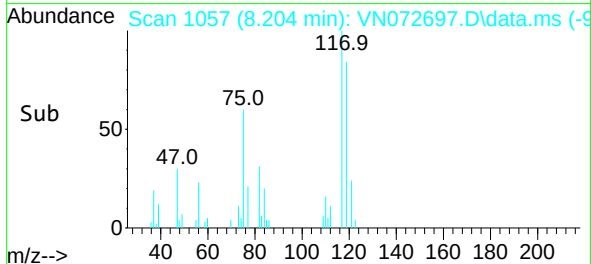
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



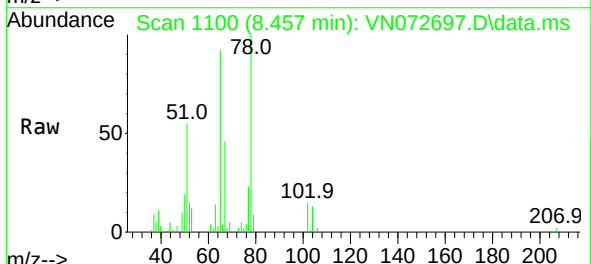
Tgt Ion: 117 Resp: 12658
Ion Ratio Lower Upper
117 100
119 83.9 77.5 116.3
121 23.6 23.5 35.3

Manual Integrations
APPROVED

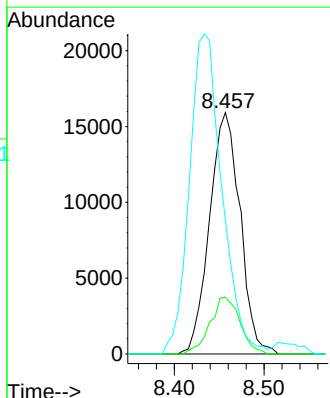
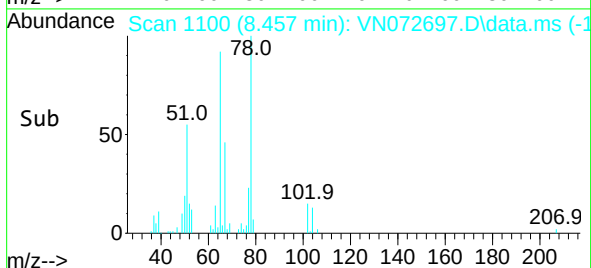
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

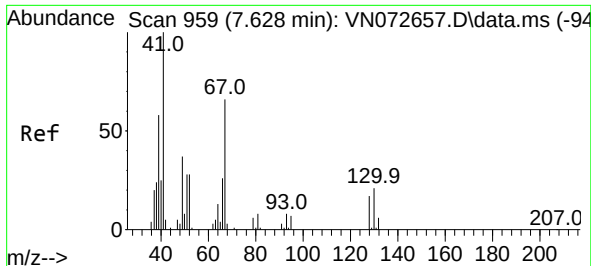


#34
Benzene
Concen: 3.139 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



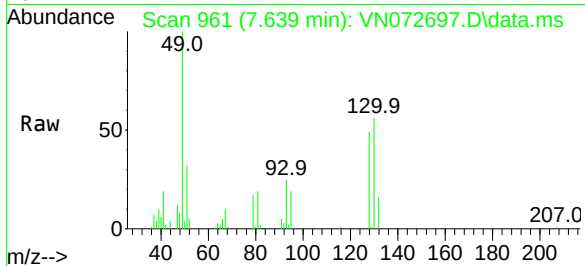
Tgt Ion: 78 Resp: 37653
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 50.5 16.0 24.0#





#35
Methacrylonitrile
Concen: 3.352 ug/l
RT: 7.639 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

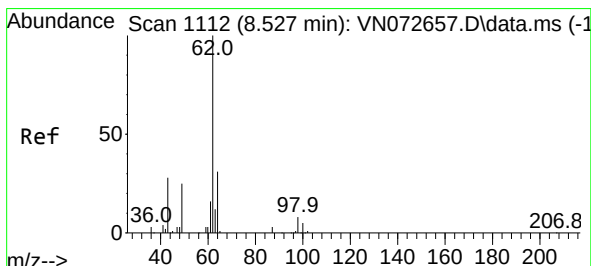
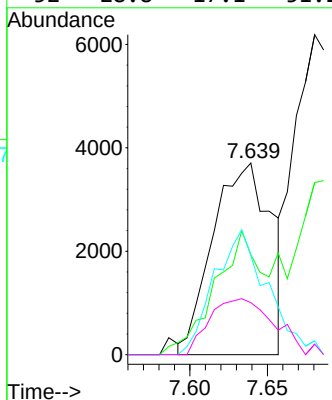
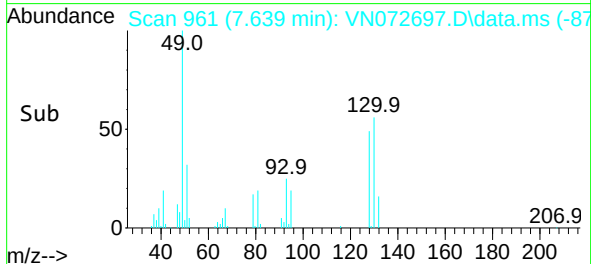
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



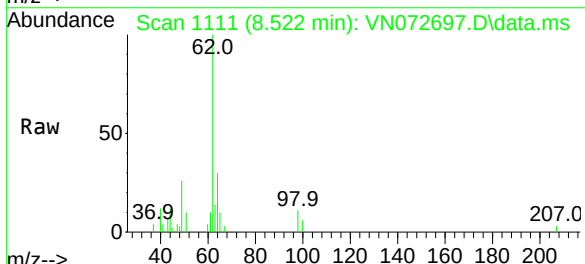
Tgt Ion: 41 Resp: 964
Ion Ratio Lower Upper
41 100
39 48.8 28.0 83.9
67 55.0 37.7 113.1
52 28.8 17.1 51.2

Manual Integrations
APPROVED

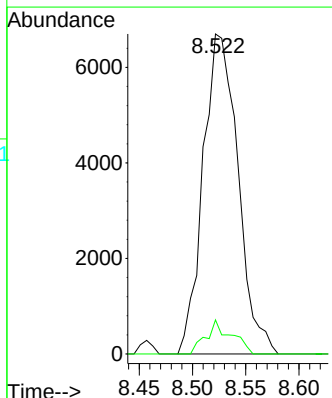
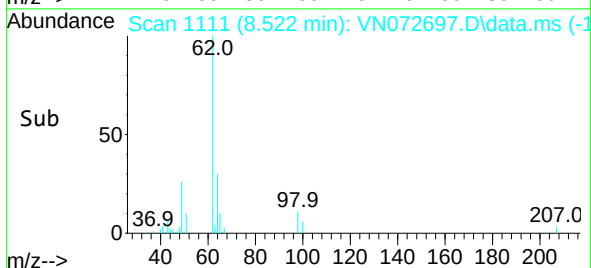
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

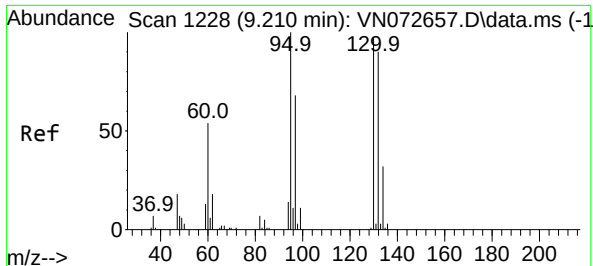


#36
1,2-Dichloroethane
Concen: 3.015 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



Tgt Ion: 62 Resp: 15280
Ion Ratio Lower Upper
62 100
98 1.3 6.6 10.0#





#37

Trichloroethene

Concen: 3.007 ug/l

RT: 9.216 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

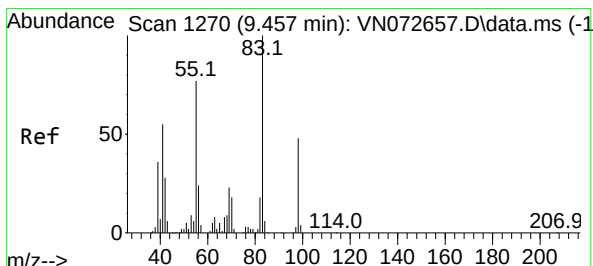
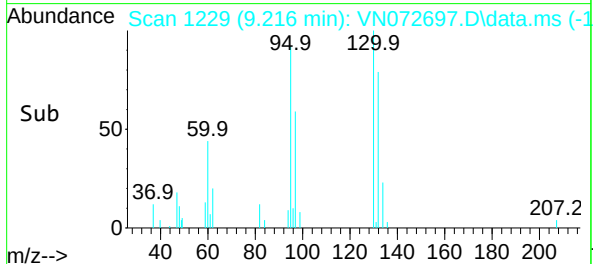
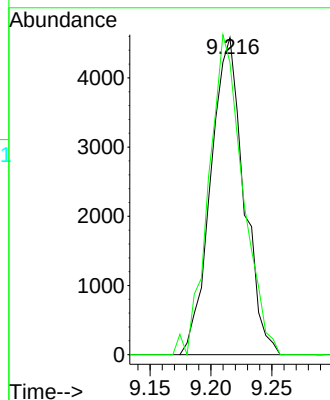
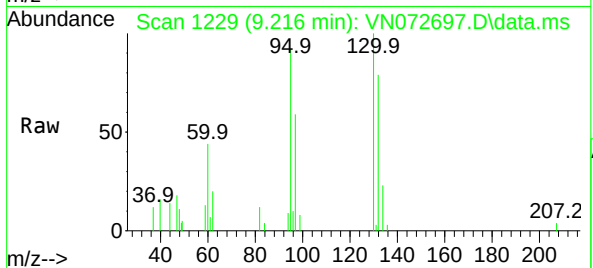
Tgt Ion:130 Resp: 8694
 Ion Ratio Lower Upper
 130 100
 95 92.2 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#38

Methylcyclohexane

Concen: 2.973 ug/l

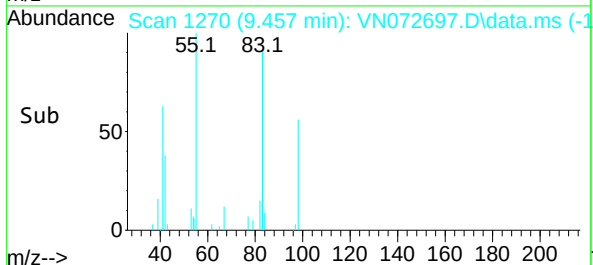
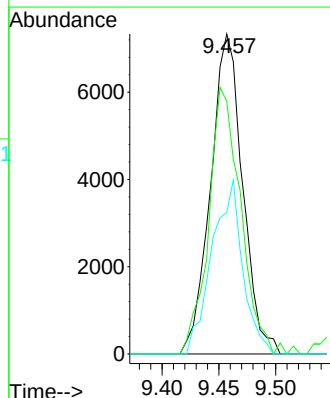
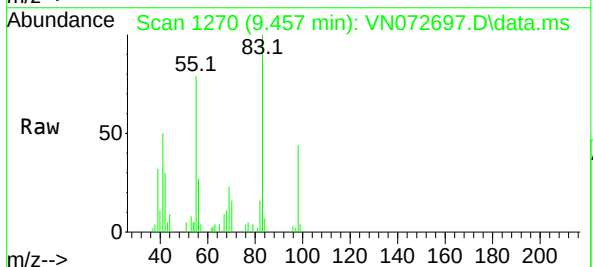
RT: 9.457 min Scan# 1270

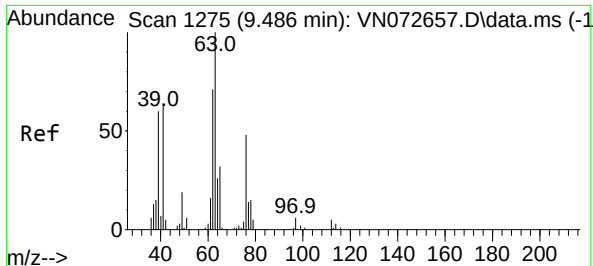
Delta R.T. 0.000 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

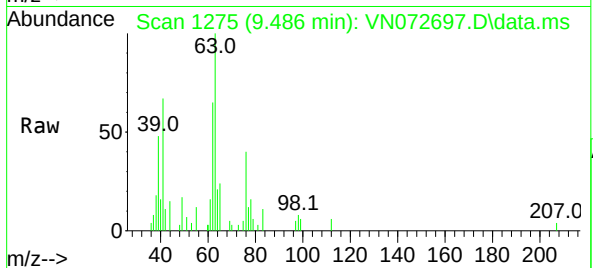
Tgt Ion: 83 Resp: 14391
 Ion Ratio Lower Upper
 83 100
 55 82.7 35.1 105.3
 98 51.9 23.4 70.2





#39
1,2-Dichloropropane
Concen: 2.885 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

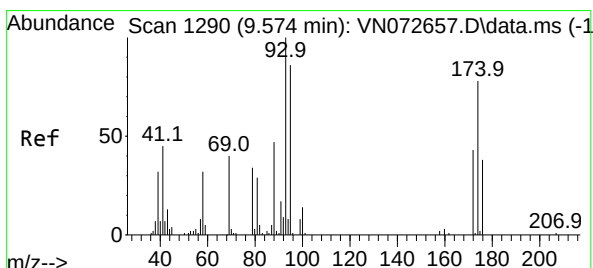
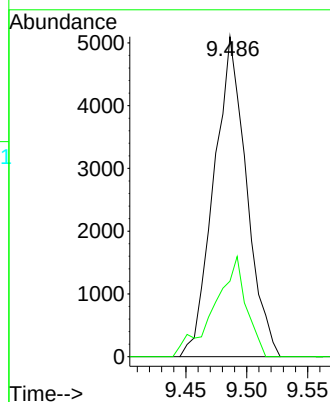
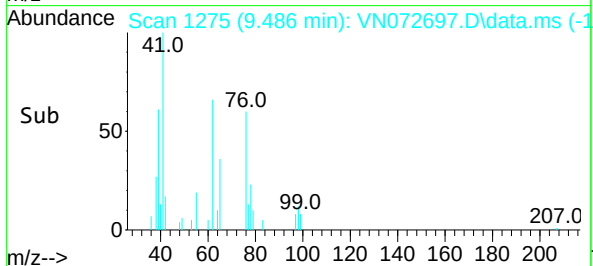
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



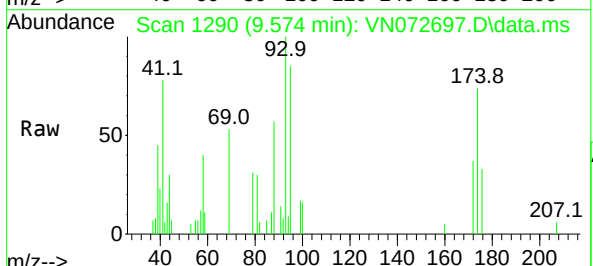
Tgt Ion: 63 Resp: 950
Ion Ratio Lower Upper
63 100
65 23.6 24.2 36.4

Manual Integrations
APPROVED

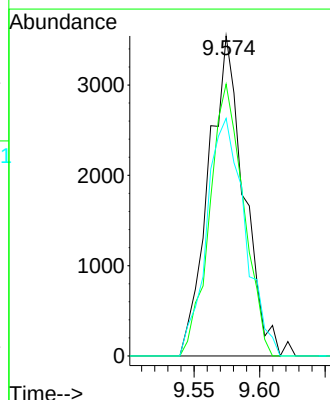
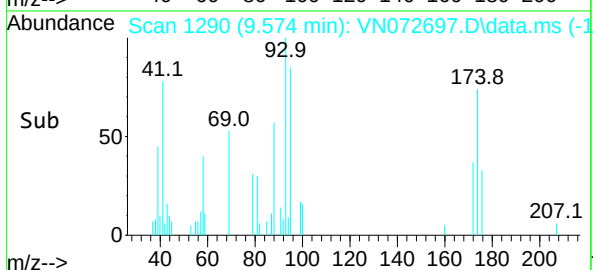
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

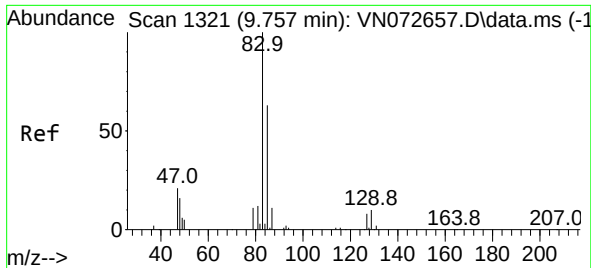


#40
Dibromomethane
Concen: 2.927 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



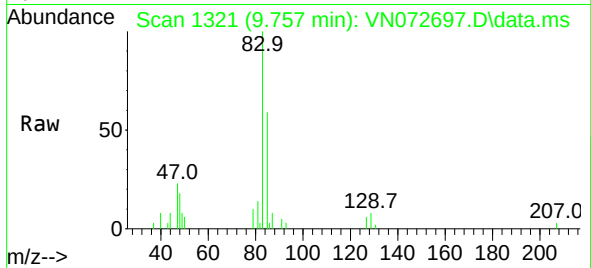
Tgt Ion: 93 Resp: 6620
Ion Ratio Lower Upper
93 100
95 81.8 0.0 168.8
174 80.7 0.0 173.6





#41
Bromodichloromethane
Concen: 2.748 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

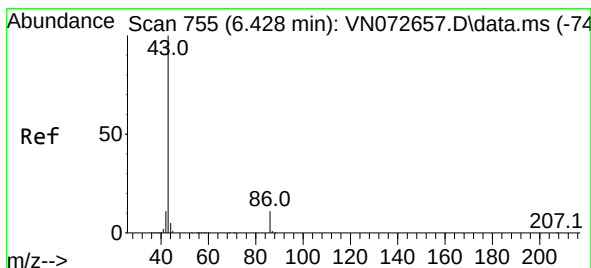
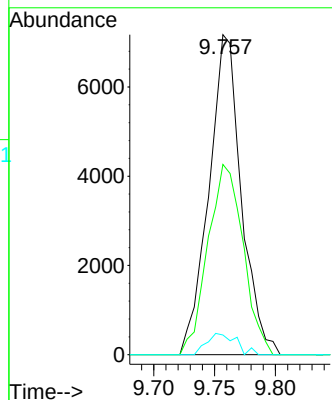
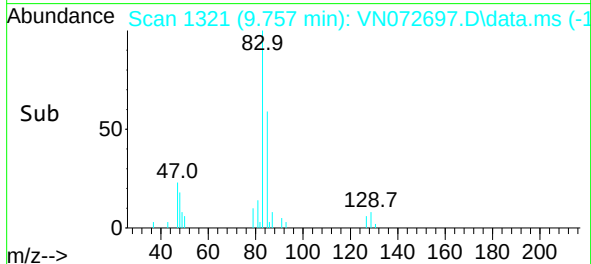
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



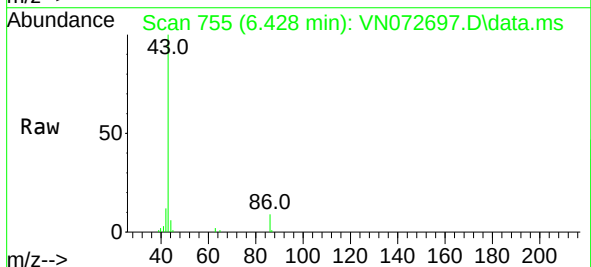
Tgt Ion: 83 Resp: 1329
Ion Ratio Lower Upper
83 100
85 59.4 54.1 81.1
127 6.2 7.6 11.4

Manual Integrations
APPROVED

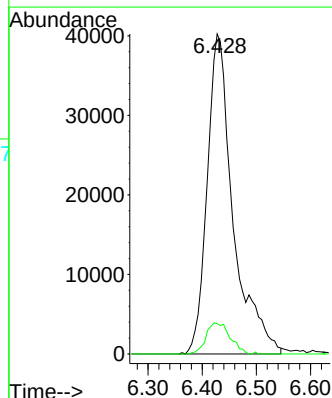
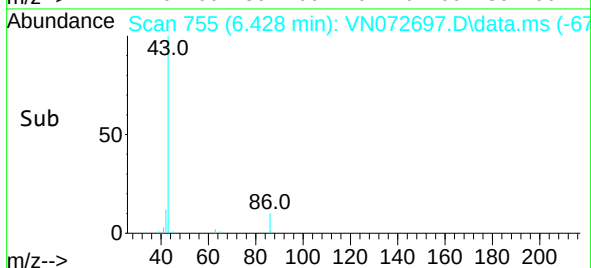
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

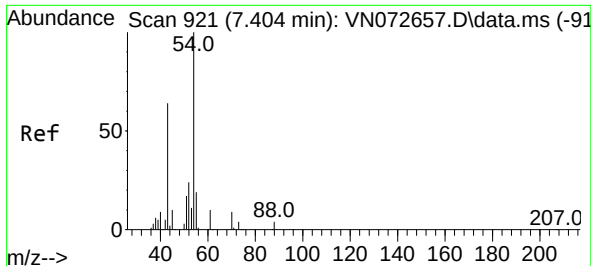


#42
Vinyl Acetate
Concen: 14.013 ug/l m
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



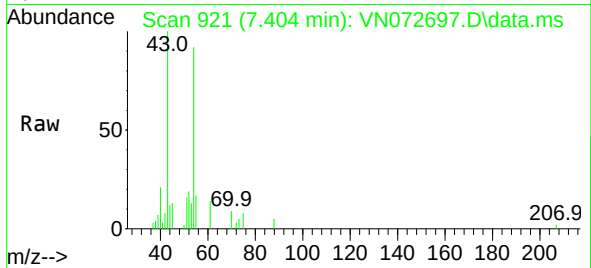
Tgt Ion: 43 Resp: 133851
Ion Ratio Lower Upper
43 100
86 5.5 7.5 11.3





#43
Ethyl Acetate
Concen: 3.115 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

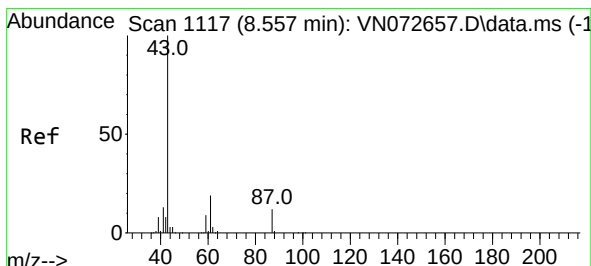
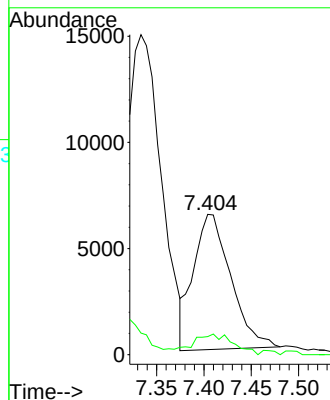
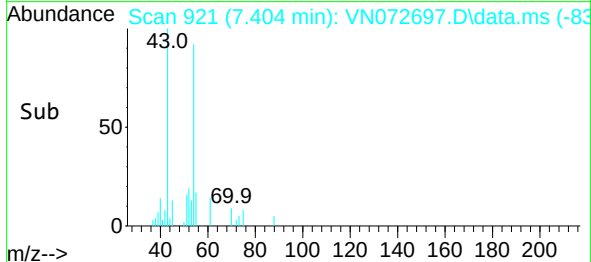
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 17512
Ion Ratio Lower Upper
43 100
45 10.3 10.6 16.0

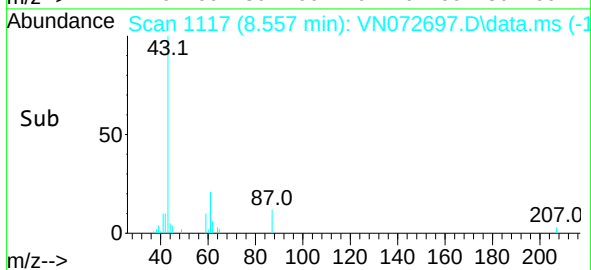
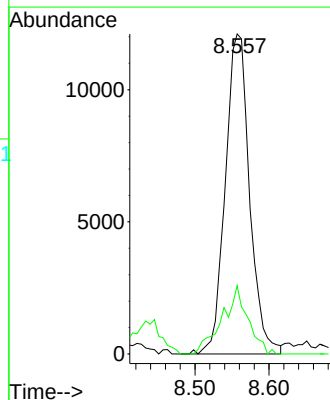
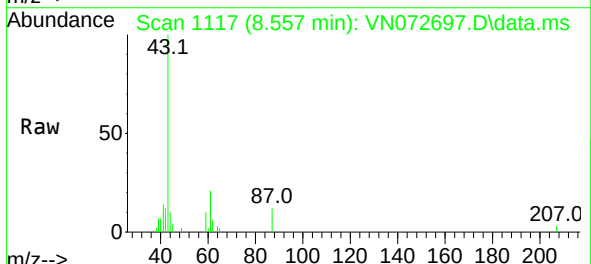
Manual Integrations
APPROVED

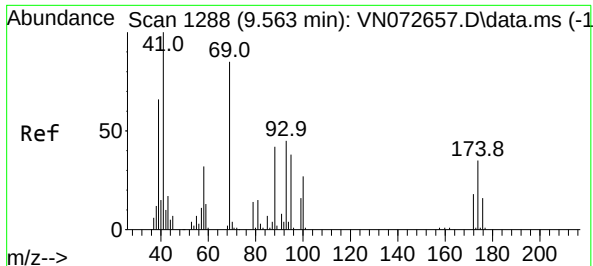
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#44
Isopropyl Acetate
Concen: 2.966 ug/l m
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 43 Resp: 27661
Ion Ratio Lower Upper
43 100
61 0.2 20.1 30.1





#45

1,4-Dioxane

Concen: 62.705 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.006 min

Lab File: VN072697.D

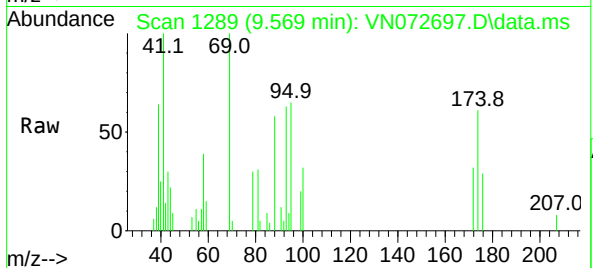
Acq: 08 Jun 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

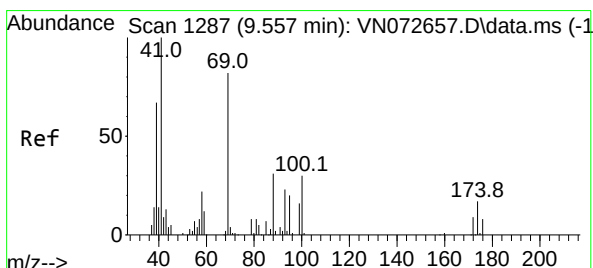
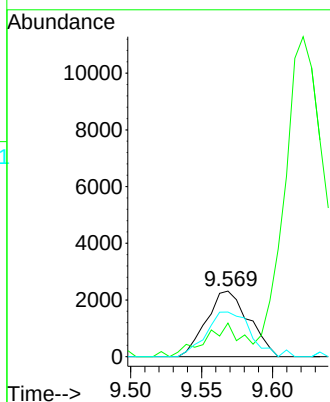
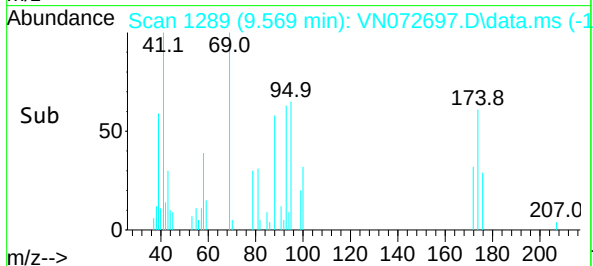


Tgt Ion:	88	Resp:	480
Ion	Ratio	Lower	Upper
88	100		
43	20.2	25.0	37.6
58	69.7	49.4	74.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#46

Methyl methacrylate

Concen: 2.885 ug/l

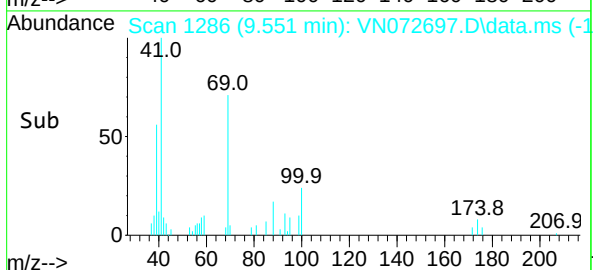
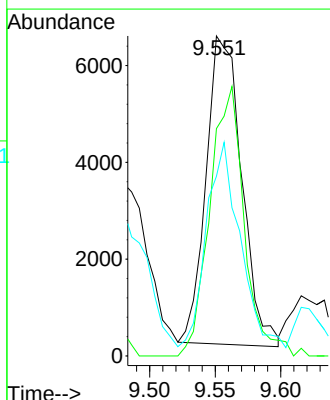
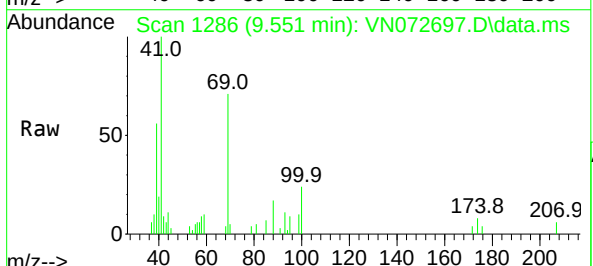
RT: 9.551 min Scan# 1286

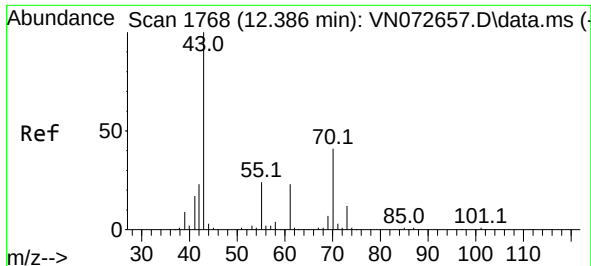
Delta R.T. -0.006 min

Lab File: VN072697.D

Acq: 08 Jun 2022 11:27

Tgt Ion:	41	Resp:	12029
Ion	Ratio	Lower	Upper
41	100		
69	74.3	44.4	133.2
39	55.6	39.9	119.6





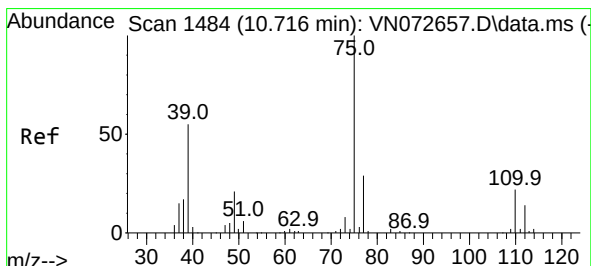
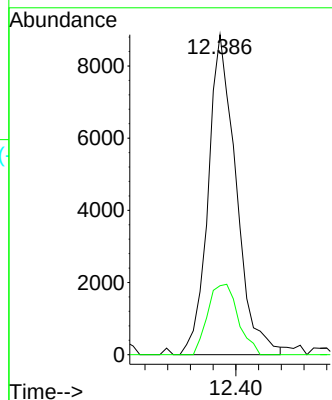
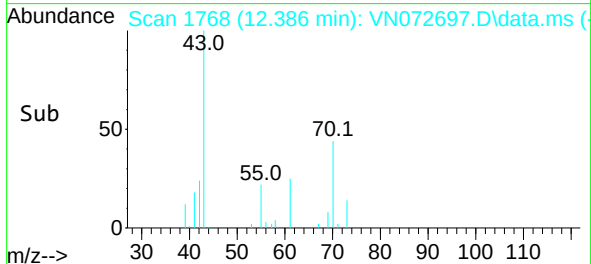
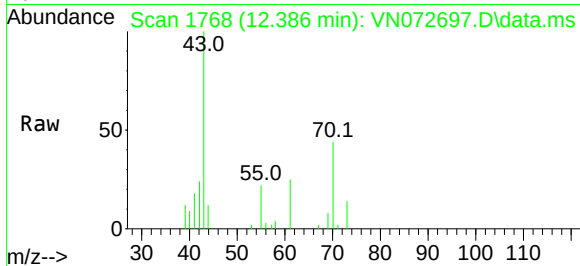
#47
n-amy1 Acetate
Concen: 2.119 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

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

Tgt Ion: 43 Resp: 15129
Ion Ratio Lower Upper
43 100
55 23.8 19.0 28.6

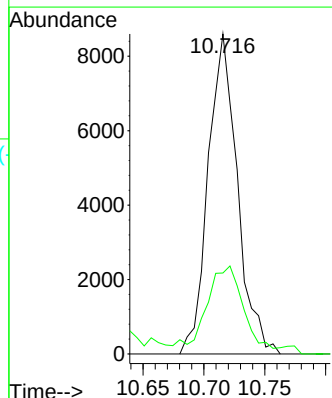
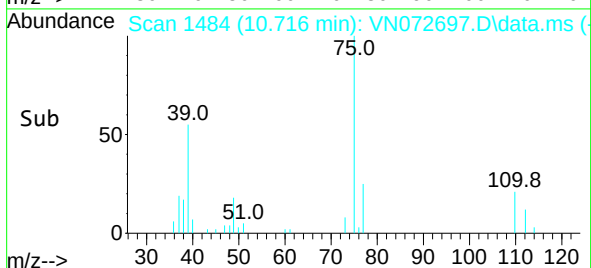
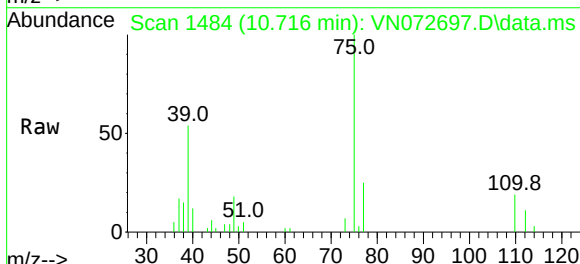
Manual Integrations
APPROVED

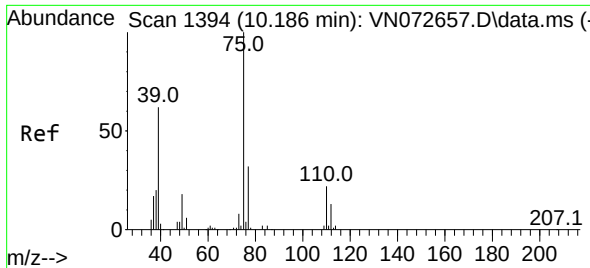
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#48
t-1,3-Dichloropropene
Concen: 2.603 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

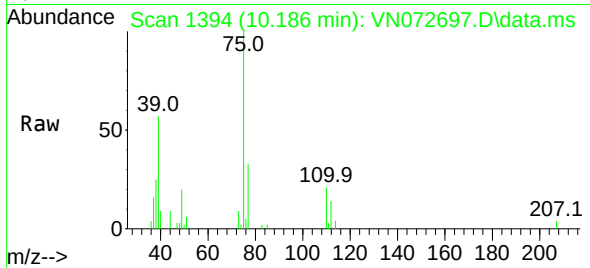
Tgt Ion: 75 Resp: 14377
Ion Ratio Lower Upper
75 100
77 23.4 25.3 37.9#





#49
 cis-1,3-Dichloropropene
 Concen: 2.723 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27

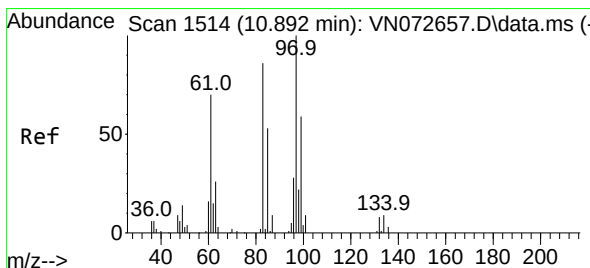
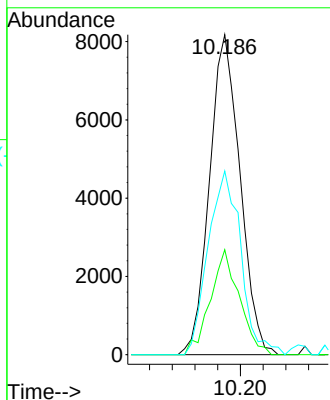
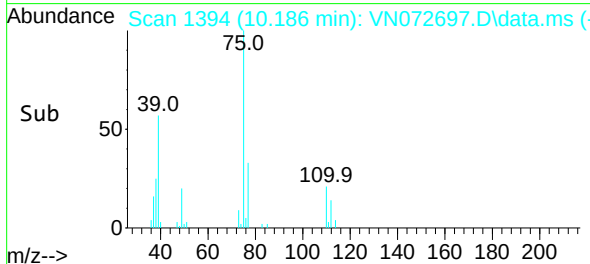
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022



Tgt Ion:	75	Resp:	1527
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.3	37.9
39	57.4	46.2	69.4

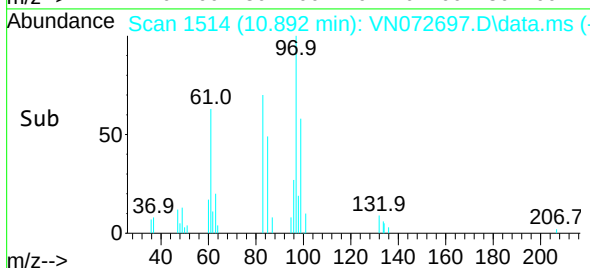
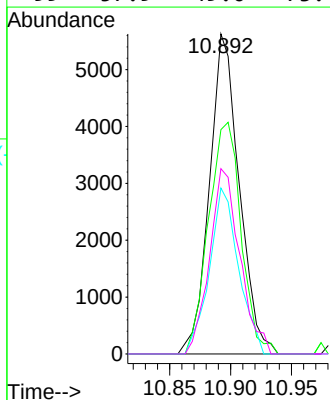
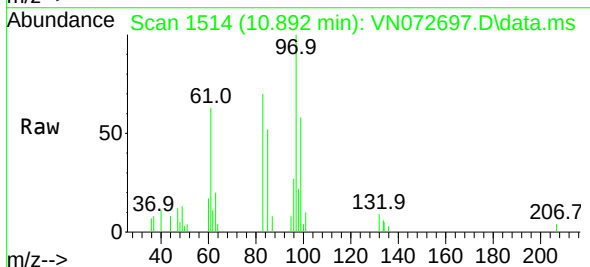
Manual Integrations
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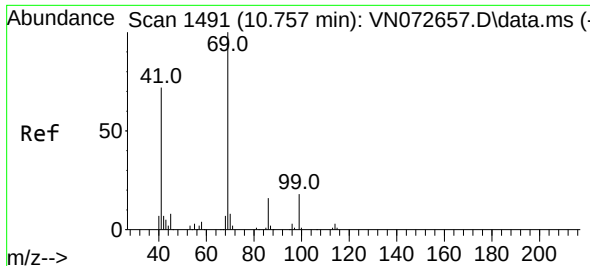
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#50
 1,1,2-Trichloroethane
 Concen: 2.989 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27

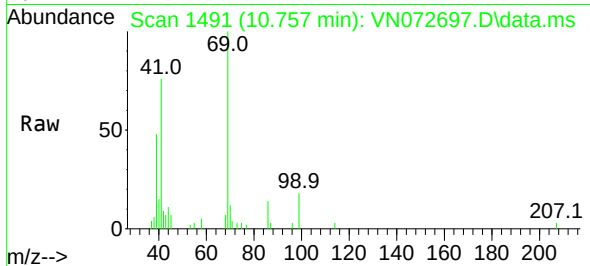
Tgt Ion:	97	Resp:	9559
Ion	Ratio	Lower	Upper
97	100		
83	70.1	67.2	100.8
85	51.9	43.0	64.4
99	57.9	49.0	73.4





#51
Ethyl methacrylate
Concen: 2.512 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

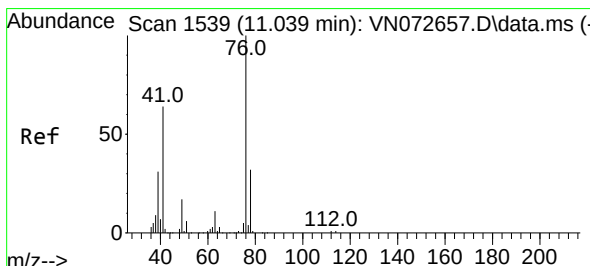
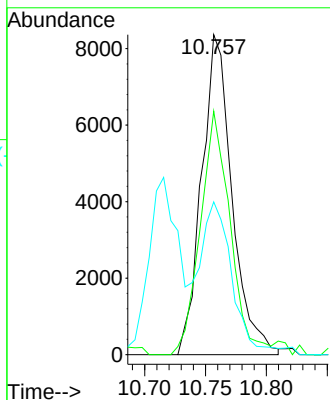
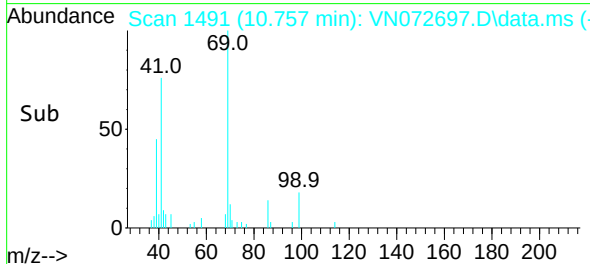
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 69 Resp: 14552
Ion Ratio Lower Upper
69 100
41 73.5 33.0 98.9
39 45.8 25.4 76.4

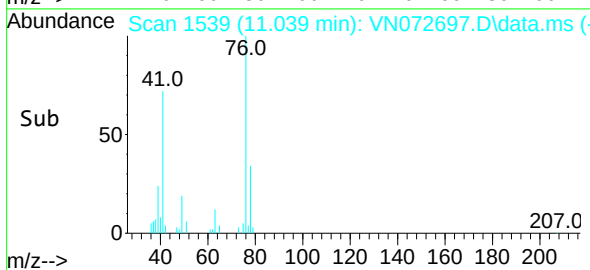
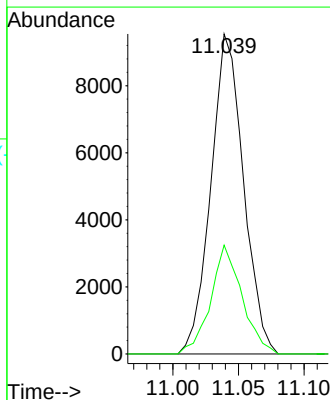
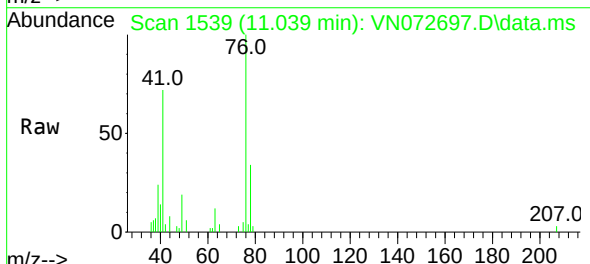
Manual Integrations
APPROVED

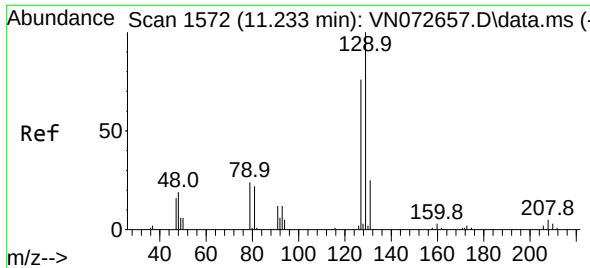
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#52
1,3-Dichloropropane
Concen: 2.898 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

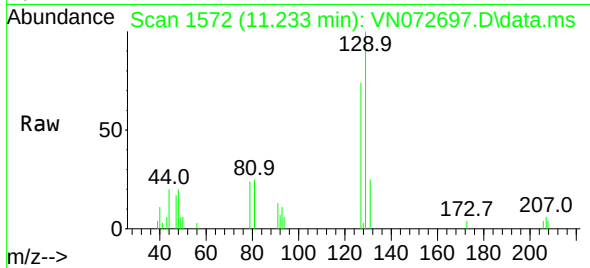
Tgt Ion: 76 Resp: 16495
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.4





#53
Dibromochloromethane
Concen: 2.536 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

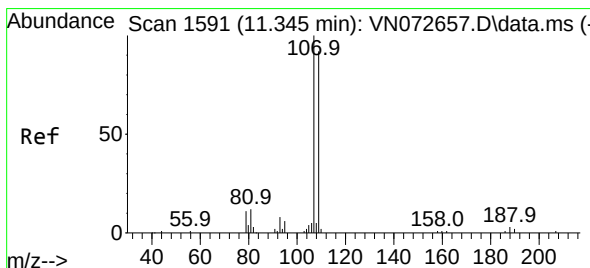
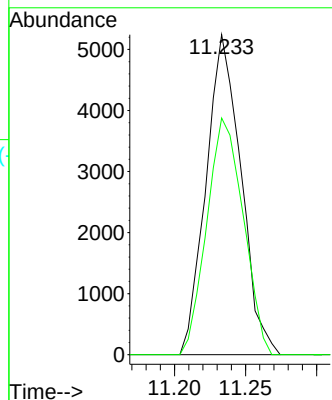
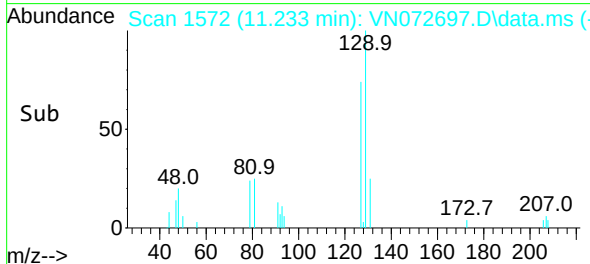
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



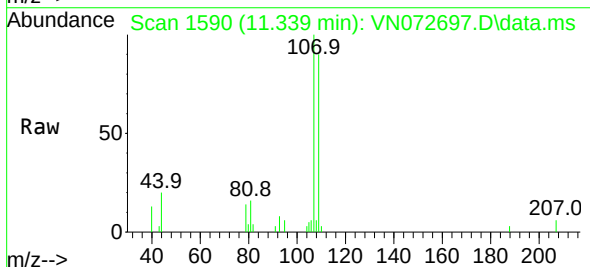
Tgt Ion:129 Resp: 894
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

Manual Integrations
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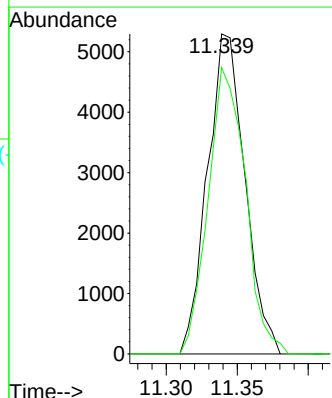
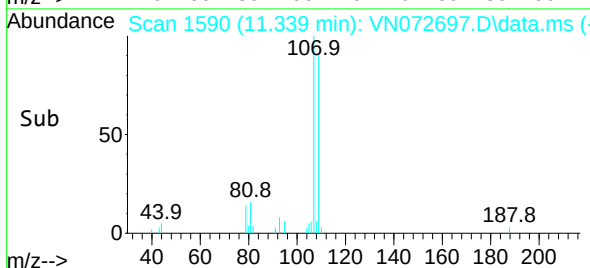
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

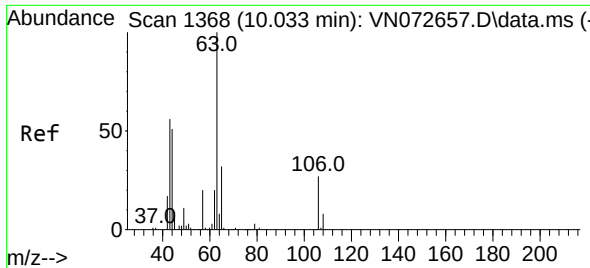


#54
1,2-Dibromoethane
Concen: 2.893 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



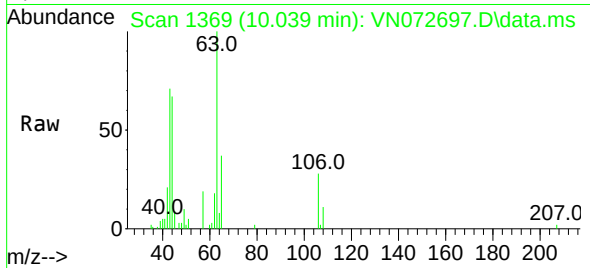
Tgt Ion:107 Resp: 9727
Ion Ratio Lower Upper
107 100
109 88.9 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 11.931 ug/l
RT: 10.039 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

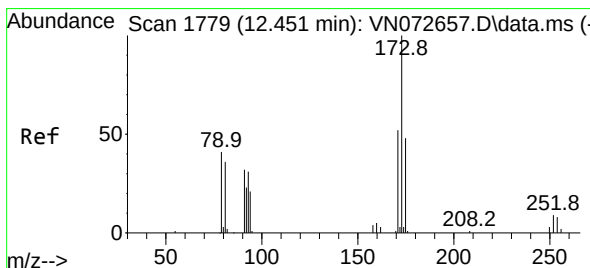
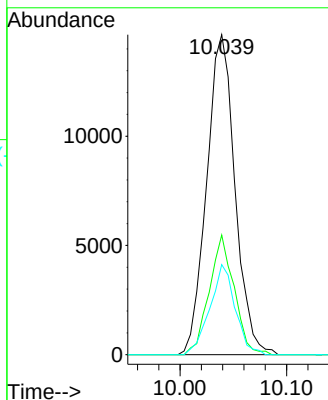
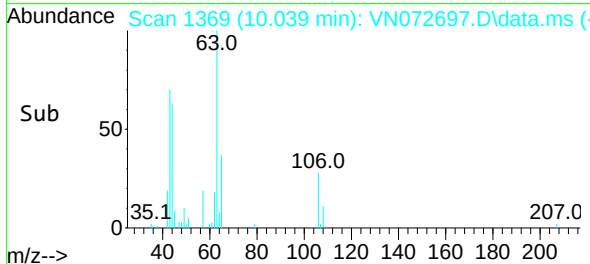
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 63 Resp: 27068
Ion Ratio Lower Upper
63 100
65 32.9 25.4 38.0
106 25.2 23.2 34.8

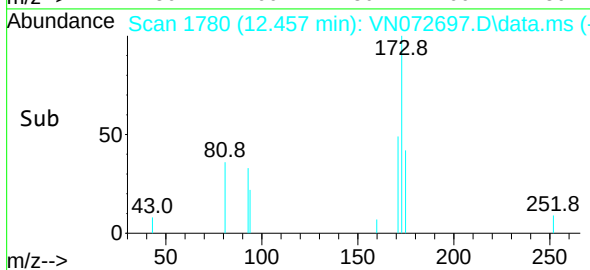
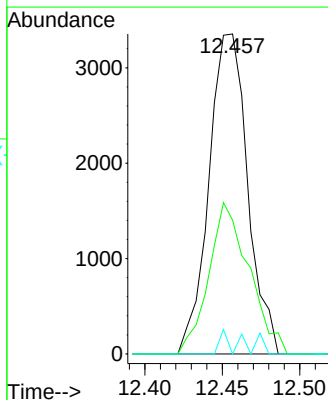
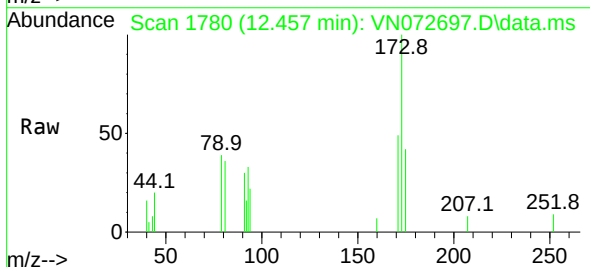
Manual Integrations
APPROVED

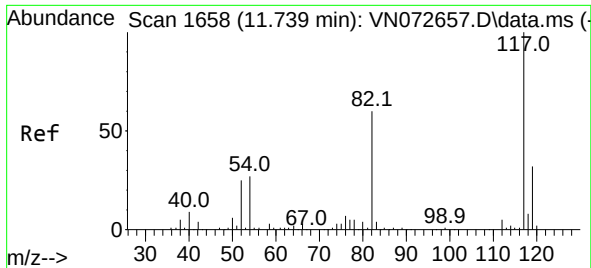
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#56
Bromoform
Concen: 2.373 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

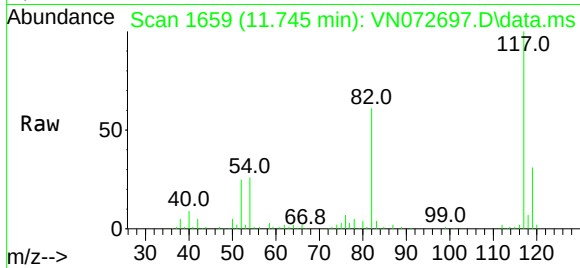
Tgt Ion:173 Resp: 5834
Ion Ratio Lower Upper
173 100
175 49.2 38.6 58.0
254 1.6 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

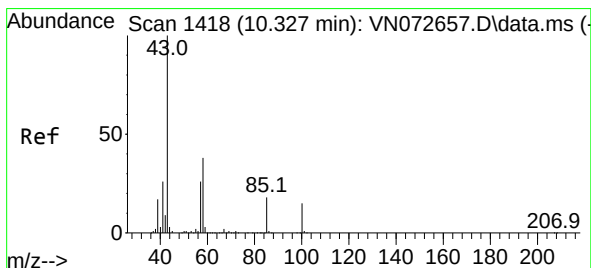
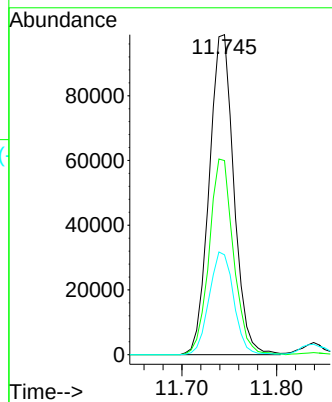
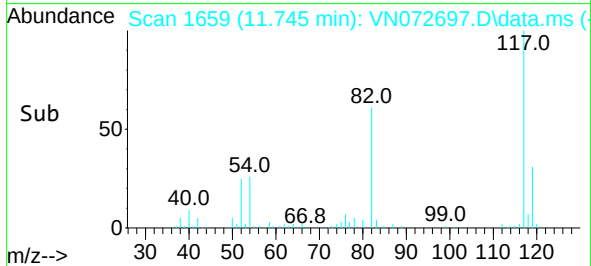
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 117 Resp: 17854
Ion Ratio Lower Upper
117 100
82 60.3 43.6 65.4
119 31.9 25.8 38.6

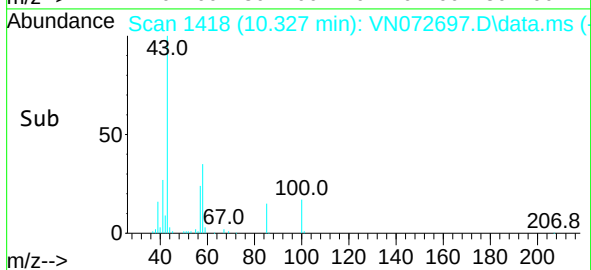
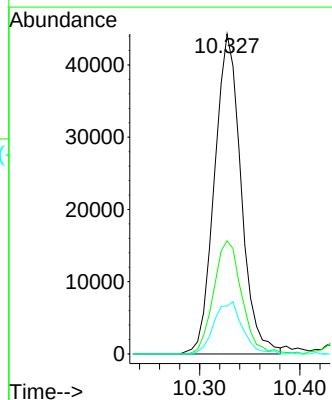
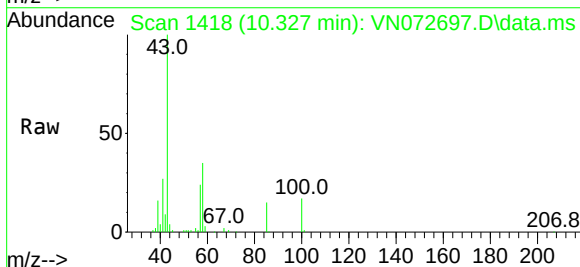
Manual Integrations
APPROVED

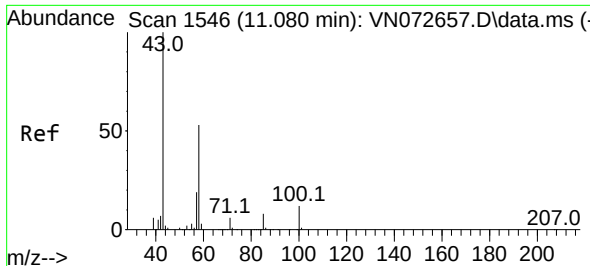
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#58
4-Methyl-2-Pentanone
Concen: 15.248 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

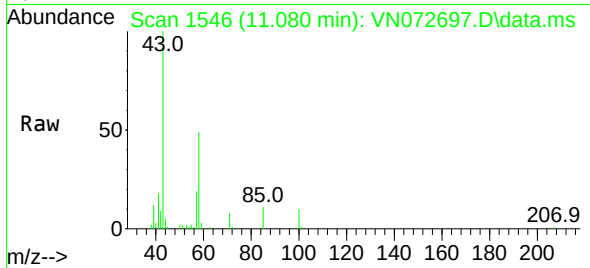
Tgt Ion: 43 Resp: 81657
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0
85 17.2 15.0 22.6





#59
2-Hexanone
Concen: 14.228 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

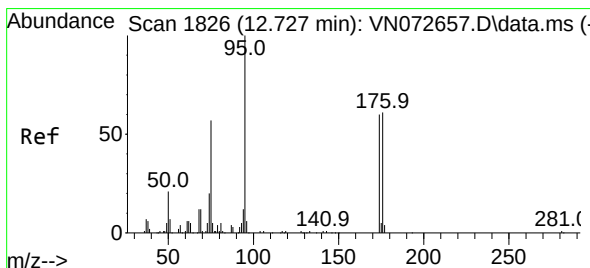
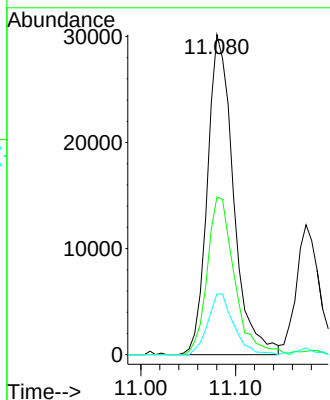
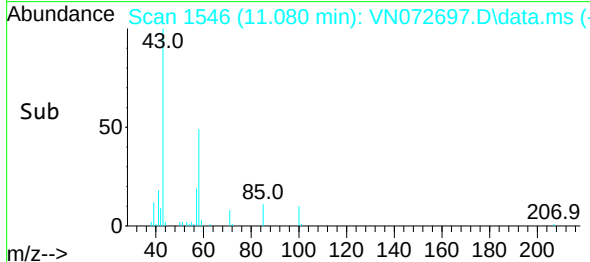
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 57768
Ion Ratio Lower Upper
43 100
58 51.2 42.2 63.2
57 18.5 15.0 22.4

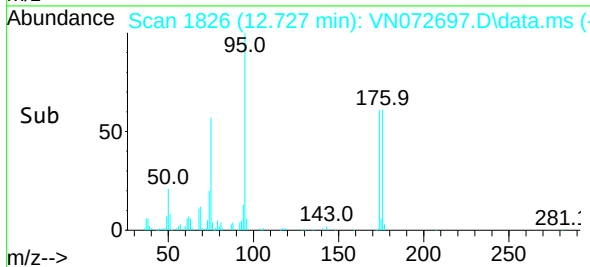
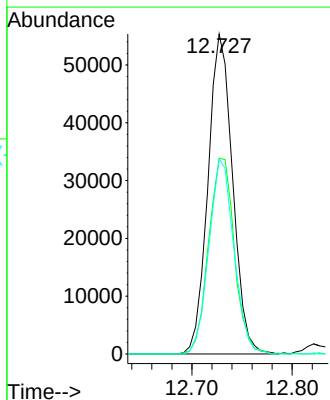
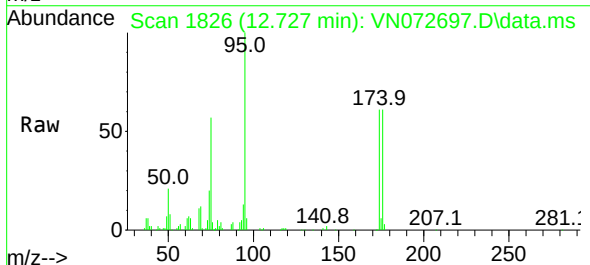
Manual Integrations
APPROVED

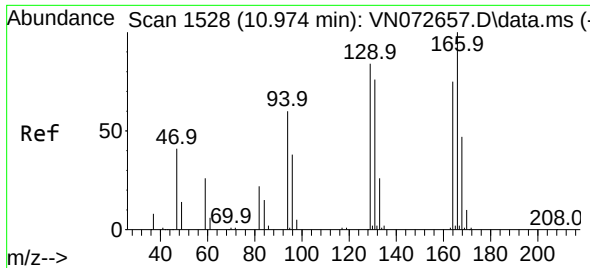
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#60
4-Bromofluorobenzene
Concen: 25.732 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

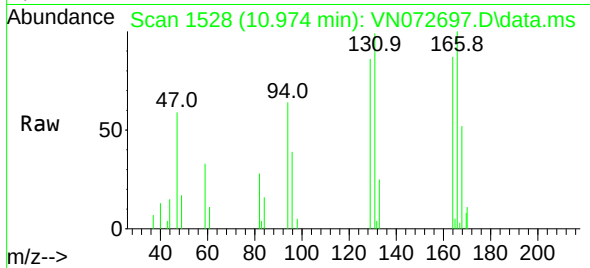
Tgt Ion: 95 Resp: 94498
Ion Ratio Lower Upper
95 100
174 64.1 62.9 94.3
176 61.8 61.0 91.4





#61
Tetrachloroethene
Concen: 3.480 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

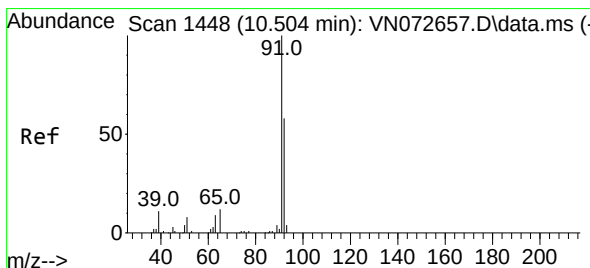
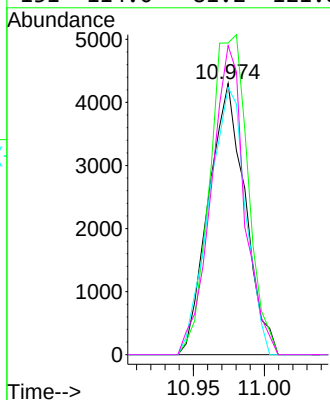
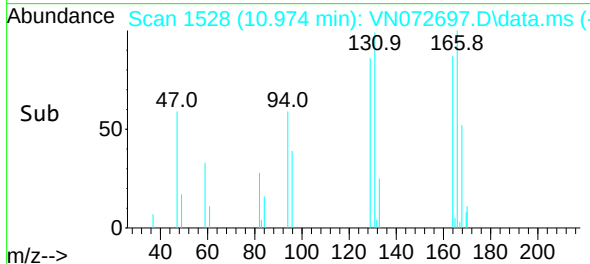
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:164 Resp: 7690
Ion Ratio Lower Upper
164 100
166 114.9 105.8 158.8
129 98.6 82.5 123.7
131 114.0 81.2 121.8

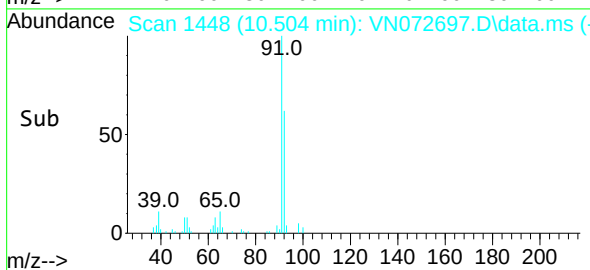
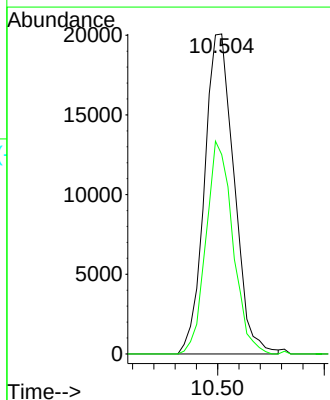
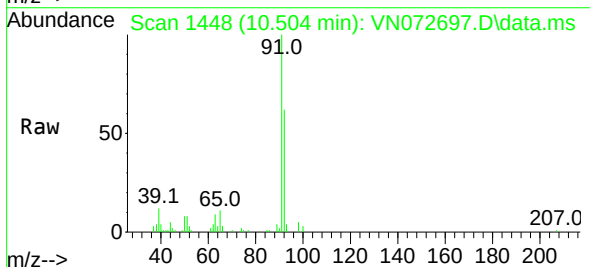
Manual Integrations
APPROVED

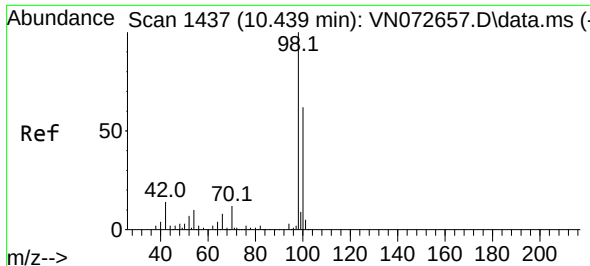
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#62
Toluene
Concen: 3.204 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

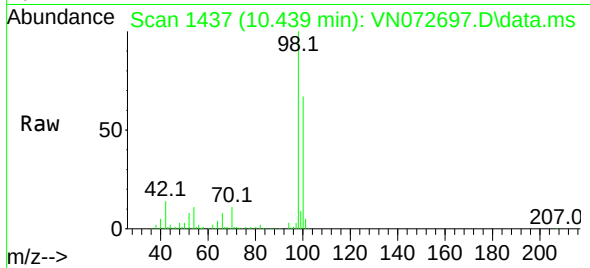
Tgt Ion: 91 Resp: 38784
Ion Ratio Lower Upper
91 100
92 60.4 44.6 67.0





#63
Toluene-d8
Concen: 31.343 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

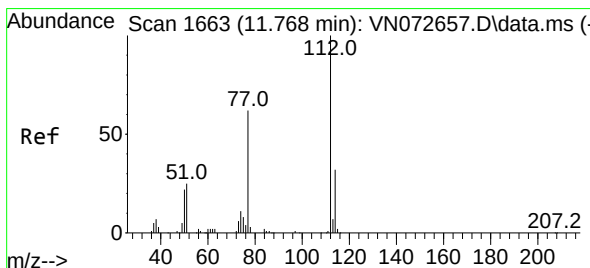
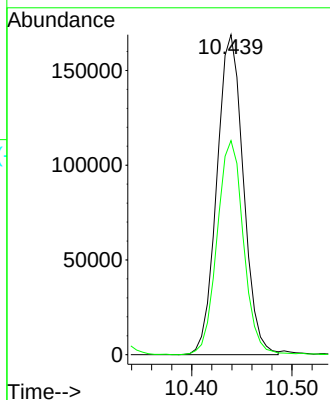
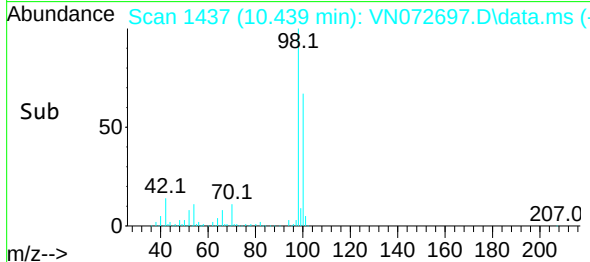
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 98 Resp: 31000
Ion Ratio Lower Upper
98 100
100 66.5 50.6 76.0

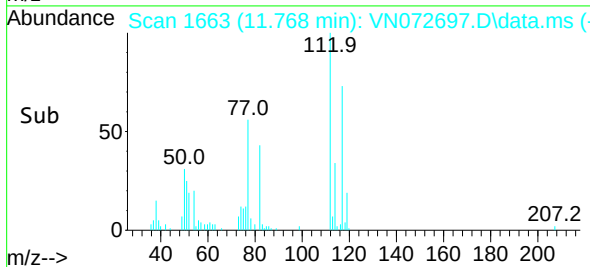
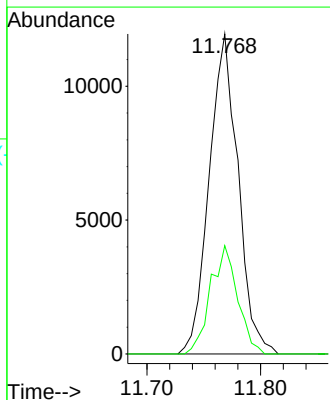
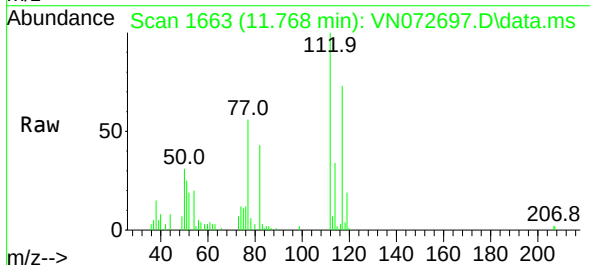
Manual Integrations
APPROVED

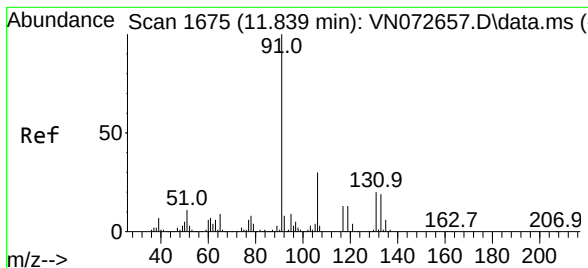
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#64
Chlorobenzene
Concen: 2.863 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

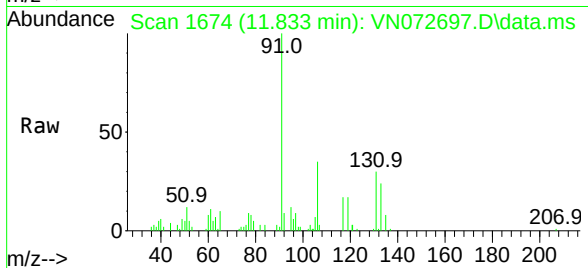
Tgt Ion:112 Resp: 21105
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 3.276 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

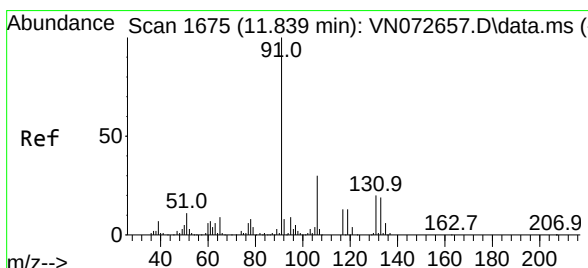
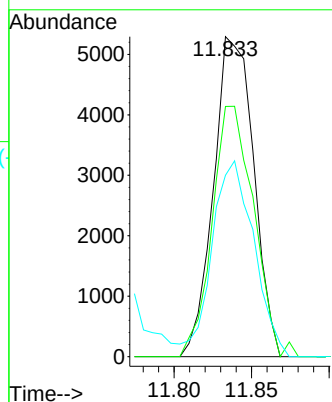
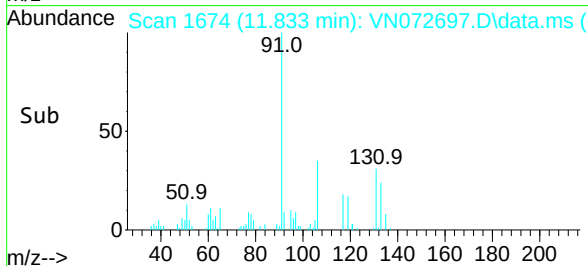
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



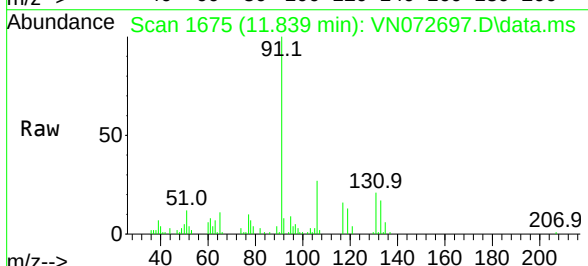
Tgt Ion:131 Resp: 952
Ion Ratio Lower Upper
131 100
133 80.1 0.0 191.2
119 63.8 0.0 128.8

Manual Integrations
APPROVED

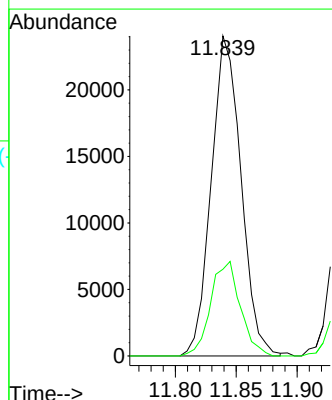
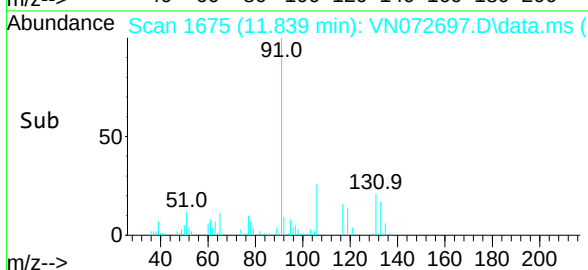
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

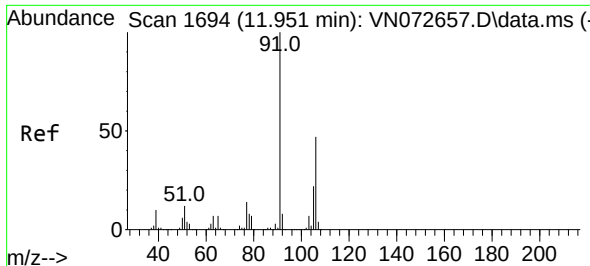


#66
Ethyl Benzene
Concen: 2.945 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



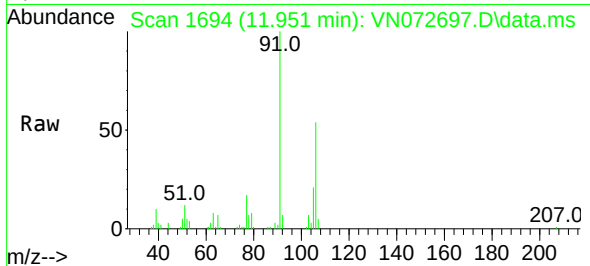
Tgt Ion: 91 Resp: 40939
Ion Ratio Lower Upper
91 100
106 27.1 24.0 36.0





#67
m/p-Xylenes
Concen: 5.831 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

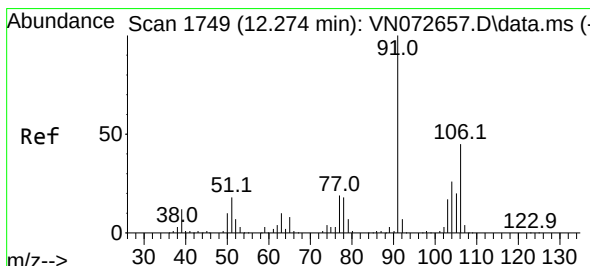
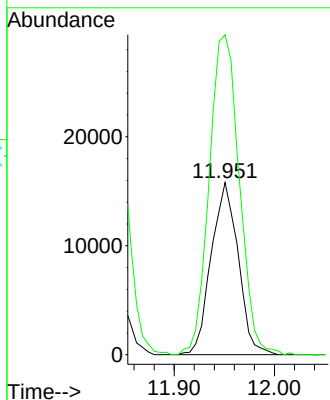
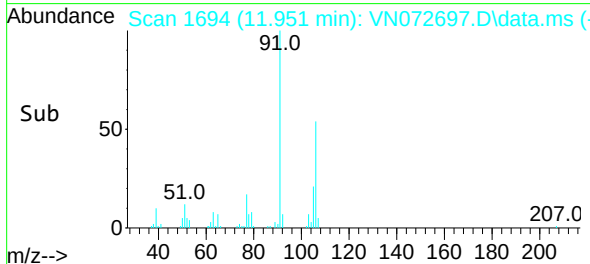
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



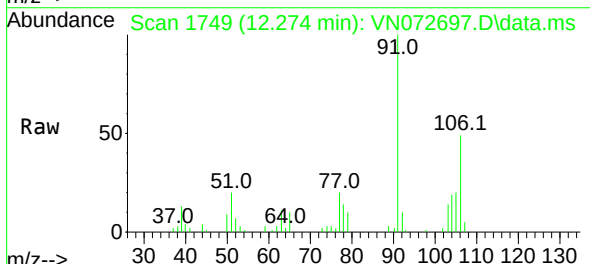
Tgt Ion:106 Resp: 2956
Ion Ratio Lower Upper
106 100
91 206.8 162.9 244.3

Manual Integrations
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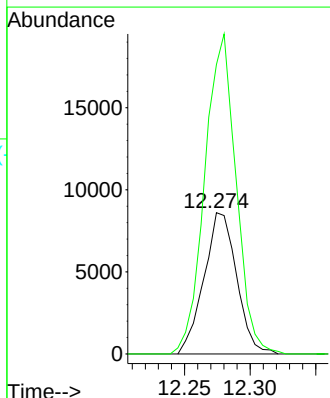
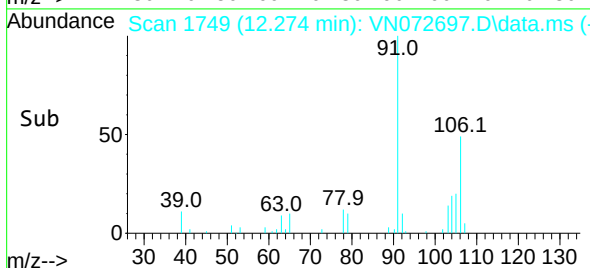
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

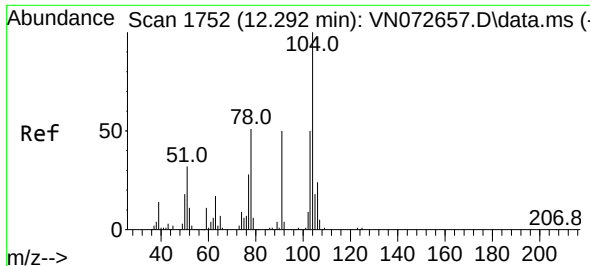


#68
o-Xylene
Concen: 2.889 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



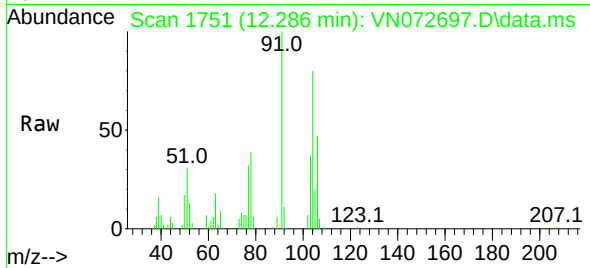
Tgt Ion:106 Resp: 14943
Ion Ratio Lower Upper
106 100
91 216.1 107.7 323.1





#69
Styrene
Concen: 2.440 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

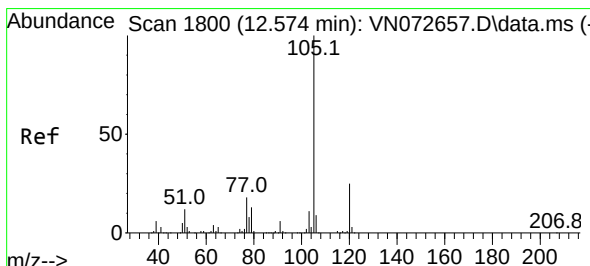
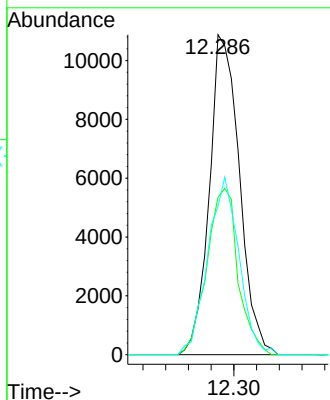
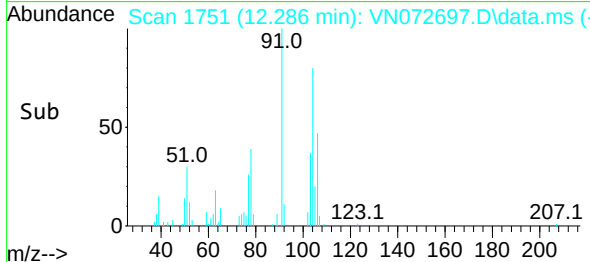
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



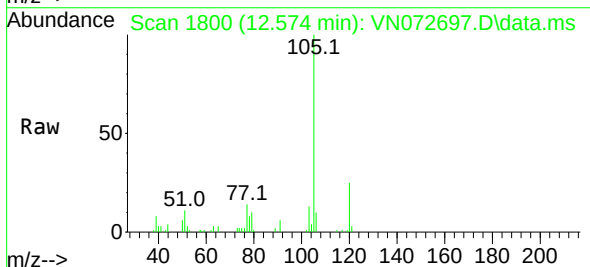
Tgt Ion:104 Resp: 20035
Ion Ratio Lower Upper
104 100
78 54.1 40.7 61.1
103 57.5 45.8 68.8

Manual Integrations
APPROVED

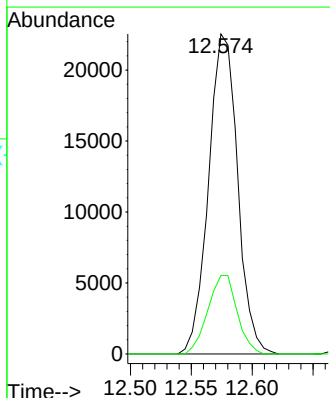
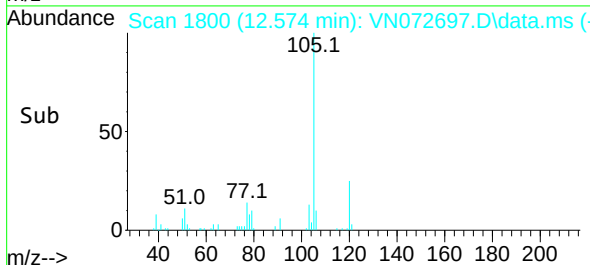
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

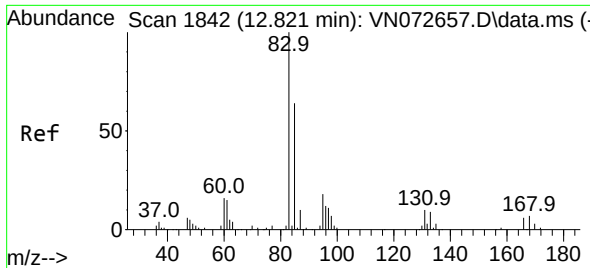


#70
Isopropylbenzene
Concen: 2.773 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



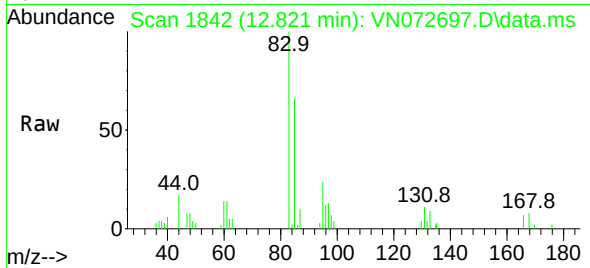
Tgt Ion:105 Resp: 37482
Ion Ratio Lower Upper
105 100
120 24.7 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.831 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27

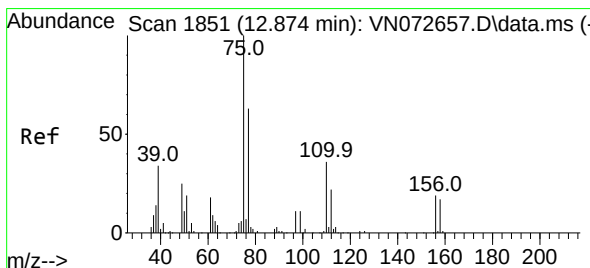
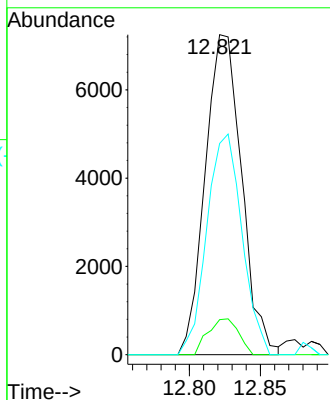
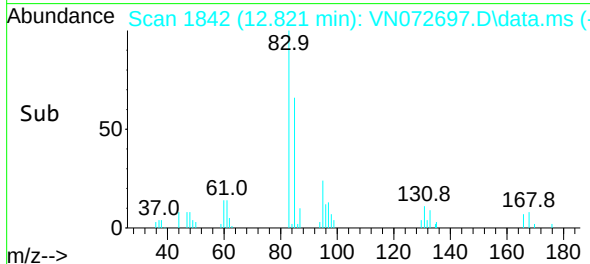
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 83 Resp: 1295
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.1 15.3
 85 66.4 33.1 99.2

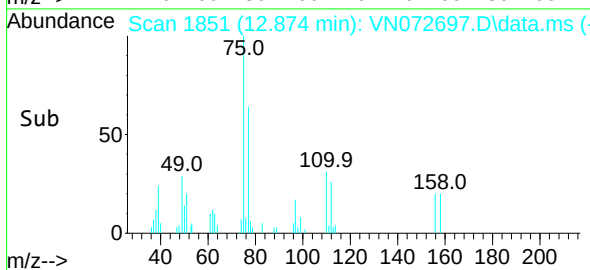
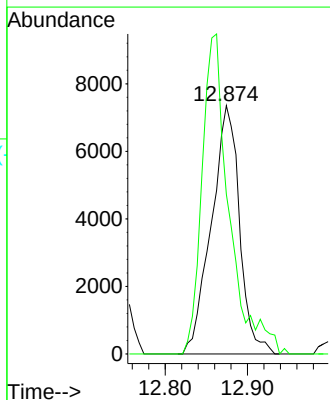
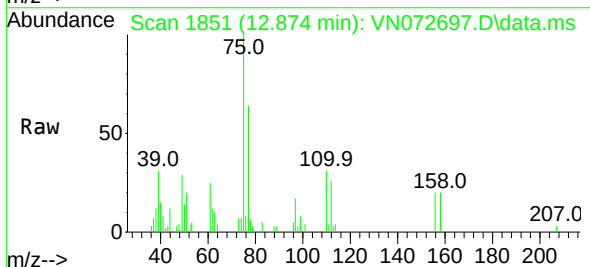
Manual Integrations
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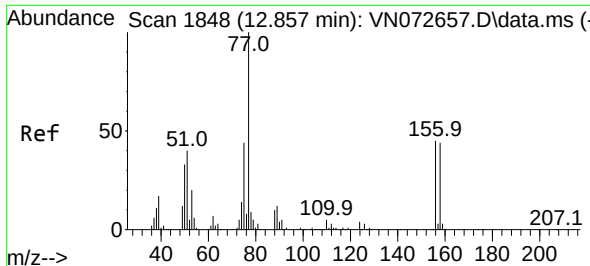
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#72
 1,2,3-Trichloropropane
 Concen: 4.374 ug/l m
 RT: 12.874 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27

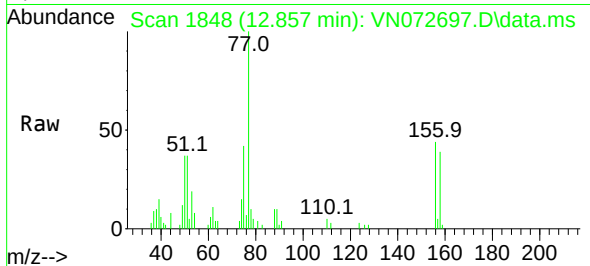
Tgt Ion: 75 Resp: 17463
 Ion Ratio Lower Upper
 75 100
 77 117.7 0.0 378.0





#73
Bromobenzene
Concen: 2.607 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

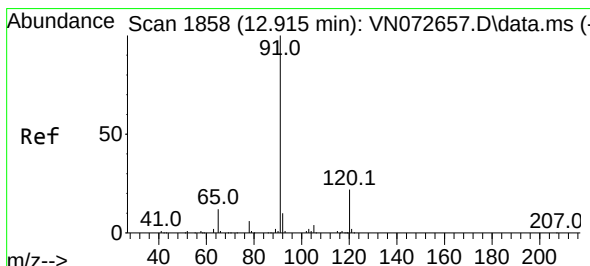
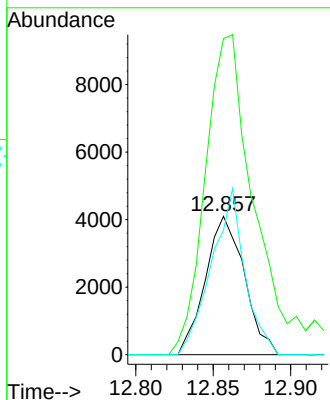
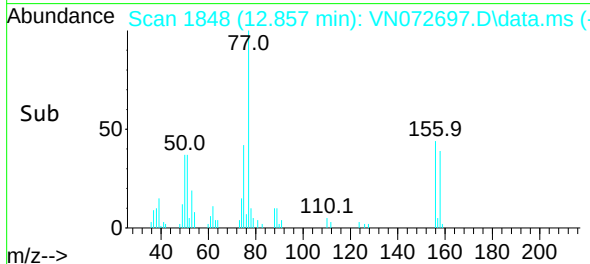
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



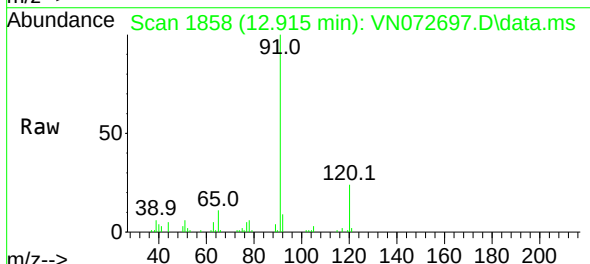
Tgt Ion: 156 Resp: 7162
Ion Ratio Lower Upper
156 100
77 287.1 0.0 416.0
158 102.7 0.0 195.4

Manual Integrations
APPROVED

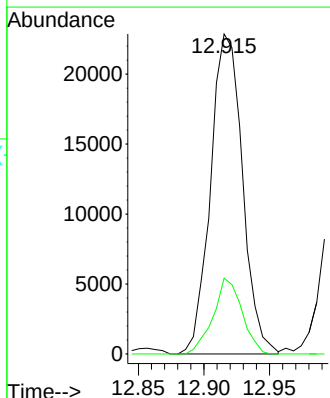
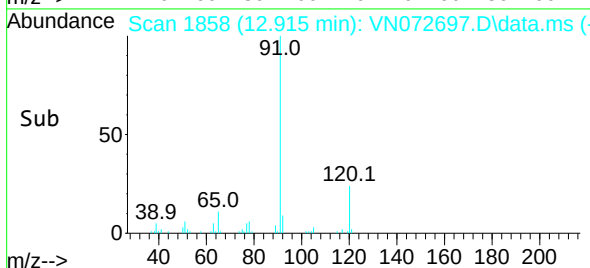
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

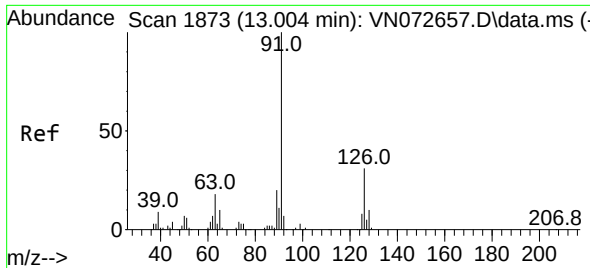


#74
n-propylbenzene
Concen: 2.504 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



Tgt Ion: 91 Resp: 38720
Ion Ratio Lower Upper
91 100
120 21.4 0.0 45.0





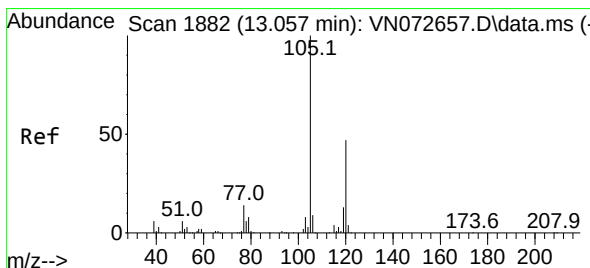
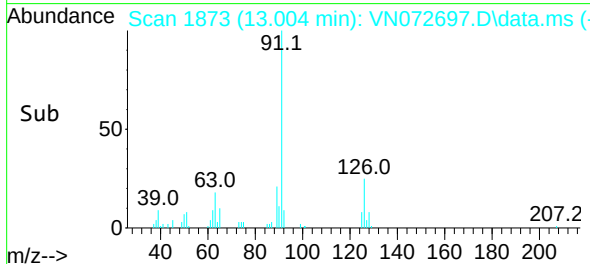
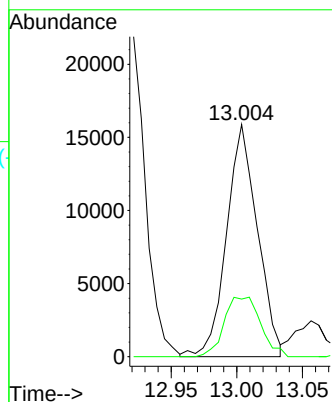
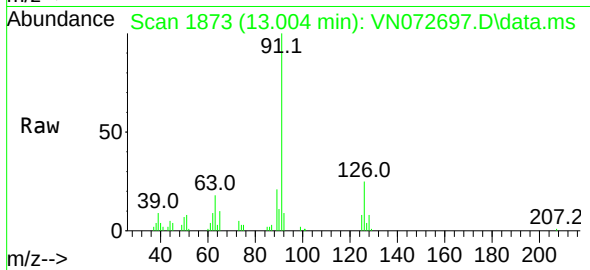
#75
2-Chlorotoluene
Concen: 2.714 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

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

Tgt Ion: 91 Resp: 26010
Ion Ratio Lower Upper
91 100
126 30.2 0.0 69.8

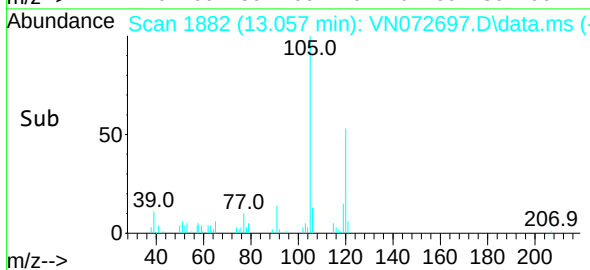
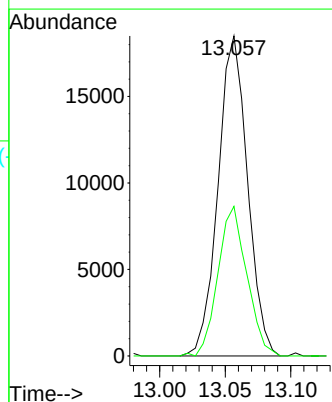
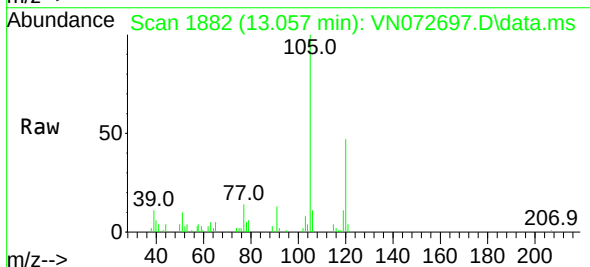
Manual Integrations
APPROVED

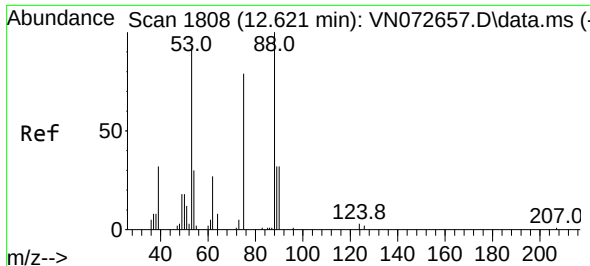
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#76
1,3,5-Trimethylbenzene
Concen: 2.607 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

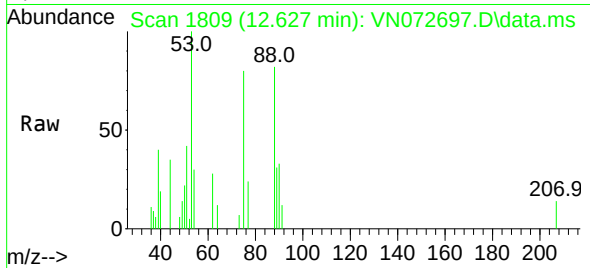
Tgt Ion:105 Resp: 28915
Ion Ratio Lower Upper
105 100
120 45.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 2.260 ug/l
RT: 12.627 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

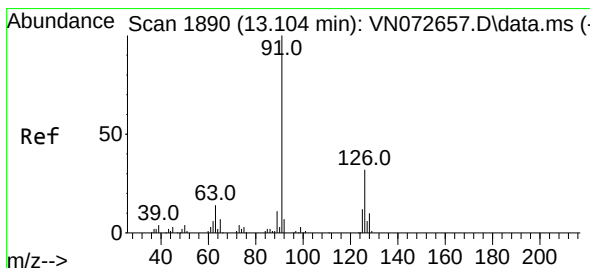
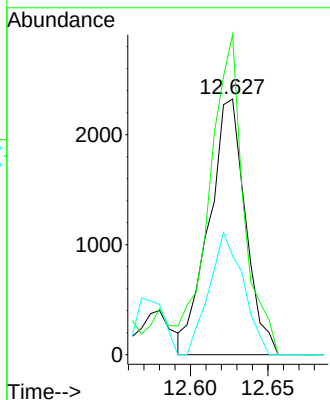
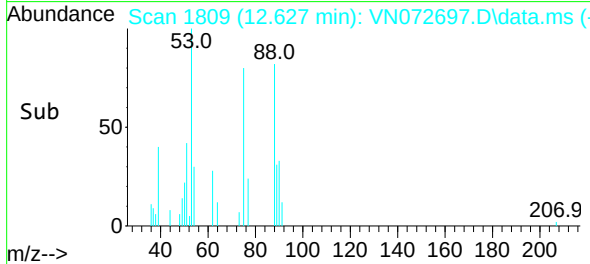
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 75 Resp: 380
Ion Ratio Lower Upper
75 100
53 125.2 51.8 155.5
89 38.6 22.9 68.7

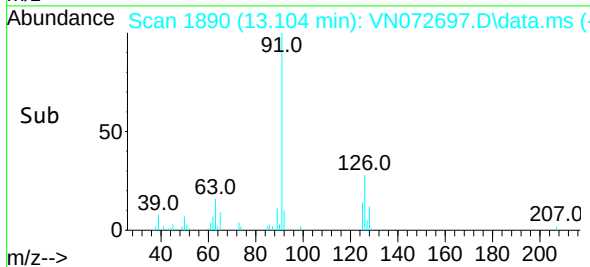
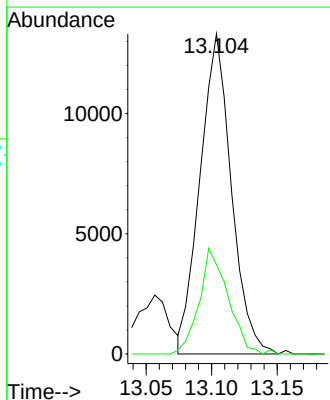
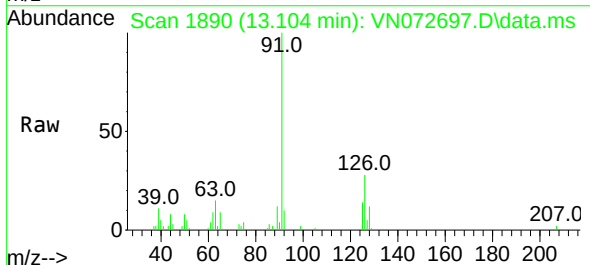
Manual Integrations
APPROVED

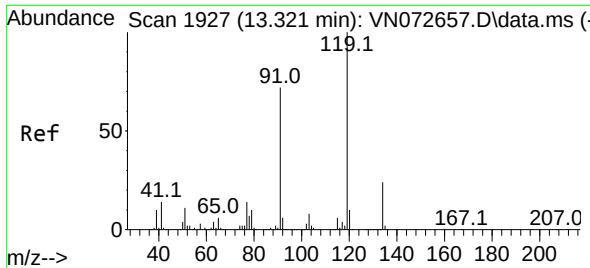
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#78
4-Chlorotoluene
Concen: 2.438 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion: 91 Resp: 22075
Ion Ratio Lower Upper
91 100
126 30.3 0.0 70.6





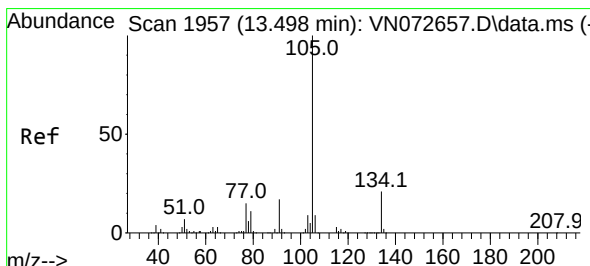
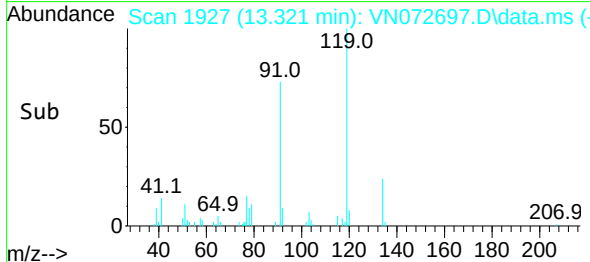
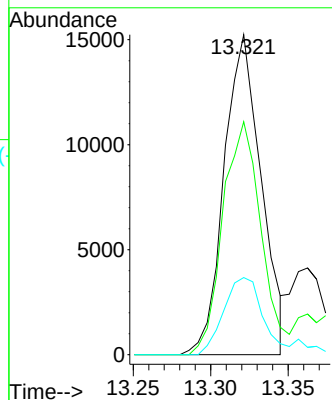
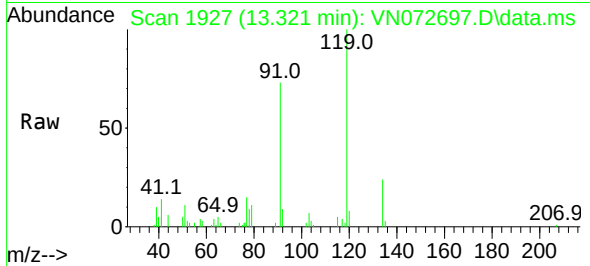
#79
tert-butylbenzene
Concen: 2.567 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

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

Tgt Ion:119 Resp: 25418
Ion Ratio Lower Upper
119 100
91 74.9 0.0 137.0
134 25.3 0.0 47.6

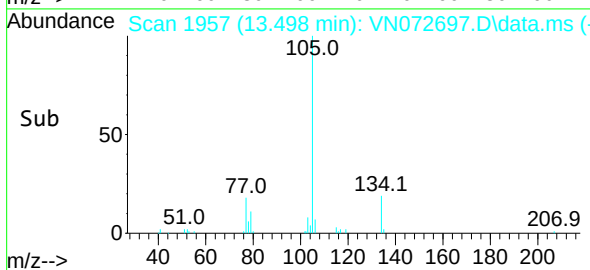
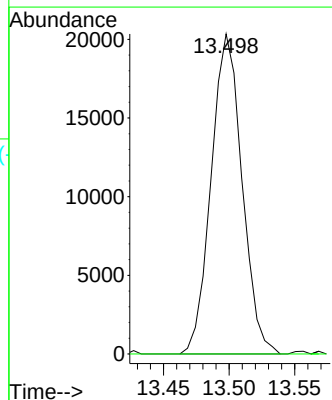
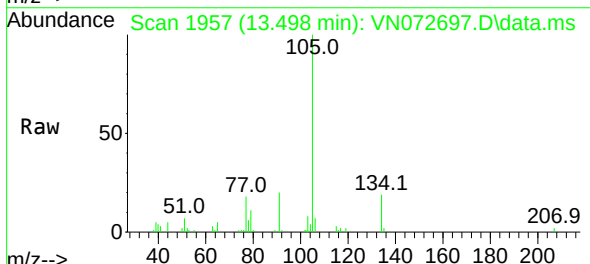
Manual Integrations
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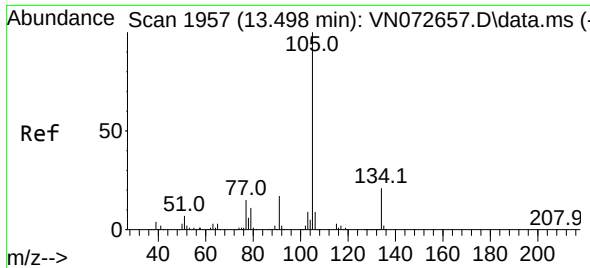
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#80
1,2,4-Trimethylbenzene
Concen: 2.488 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

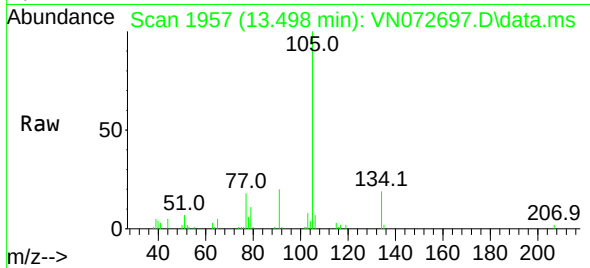
Tgt Ion:105 Resp: 33282
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 2.488 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27

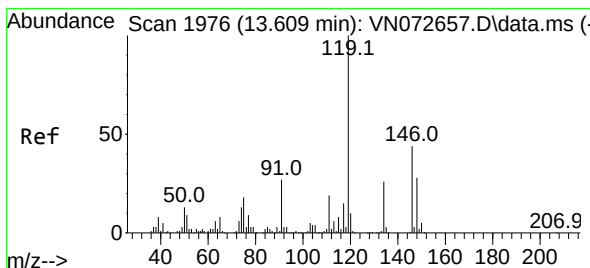
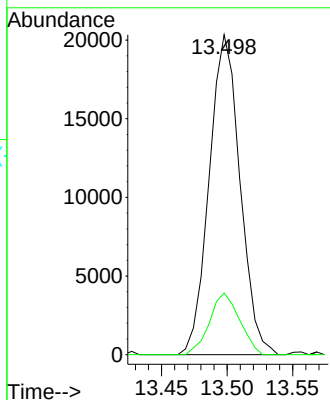
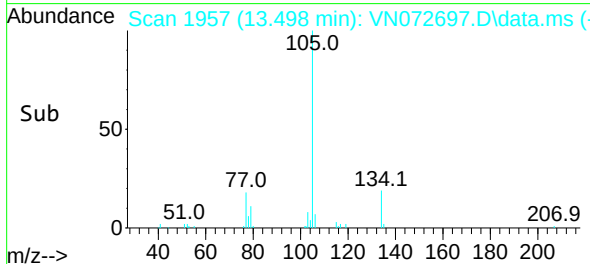
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022



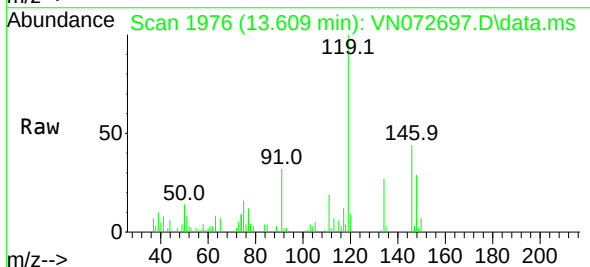
Tgt Ion:105 Resp: 3328
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 39.4

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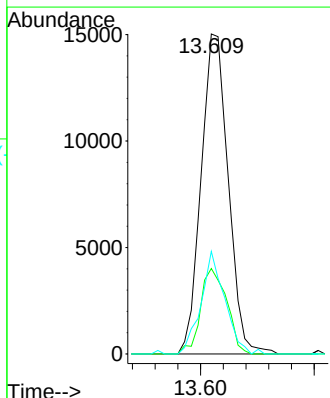
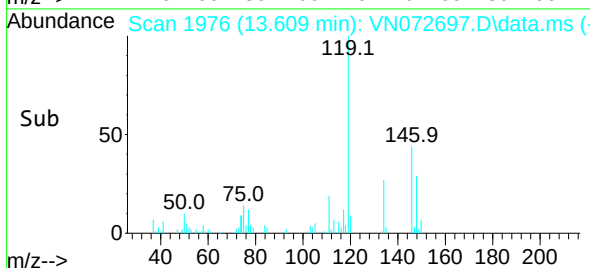
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

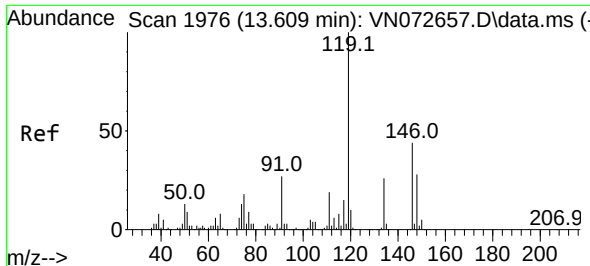


#82
 p-Isopropyltoluene
 Concen: 2.338 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072697.D
 Acq: 08 Jun 2022 11:27



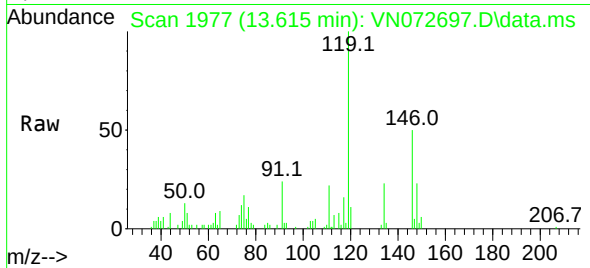
Tgt Ion:119 Resp: 24957
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 28.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 2.470 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

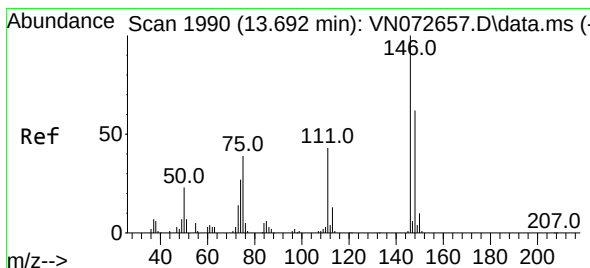
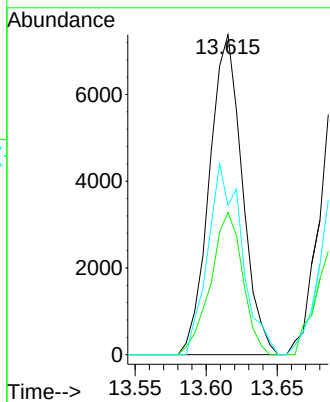
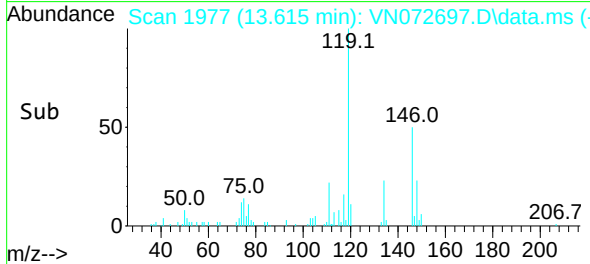
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



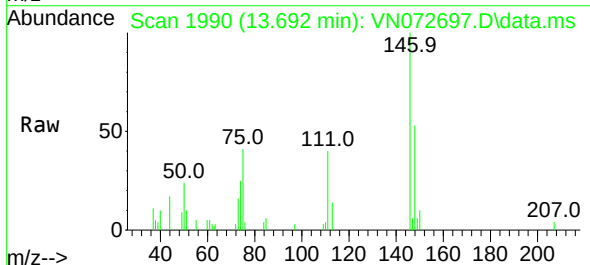
Tgt Ion:146 Resp: 11878
Ion Ratio Lower Upper
146 100
111 43.4 20.8 62.2
148 61.6 31.4 94.3

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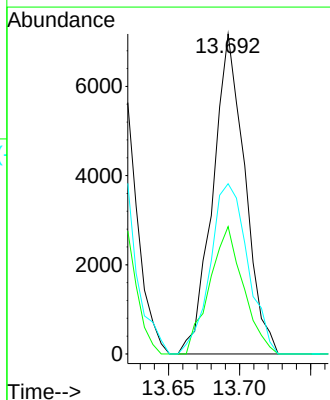
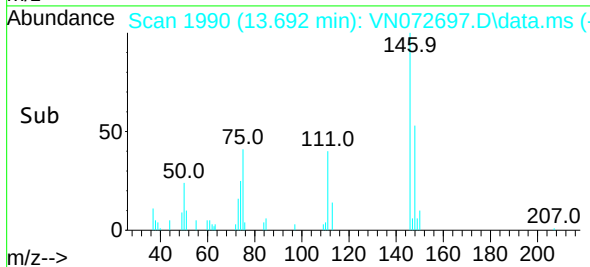
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

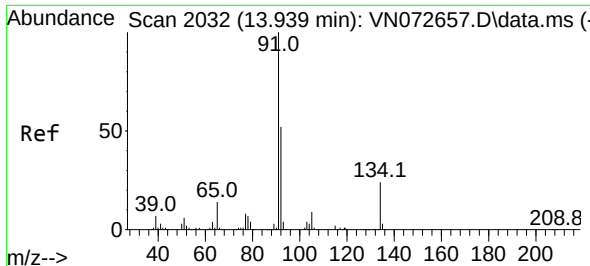


#84
1,4-Dichlorobenzene
Concen: 2.413 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



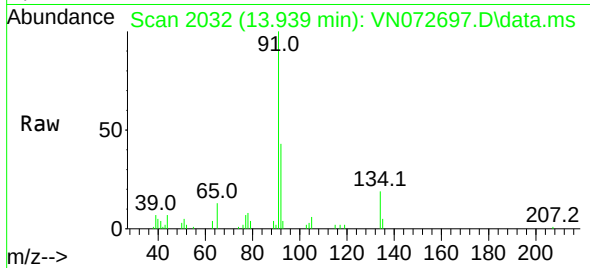
Tgt Ion:146 Resp: 11267
Ion Ratio Lower Upper
146 100
111 41.9 19.5 58.5
148 62.1 31.1 93.5





#85
n-Butylbenzene
Concen: 2.295 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

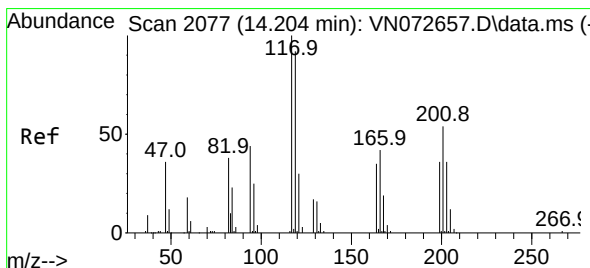
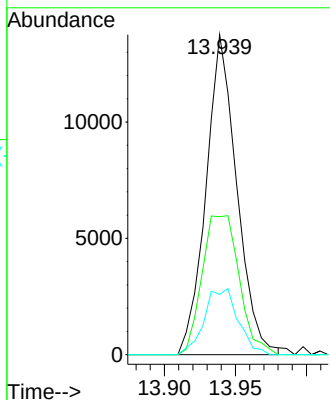
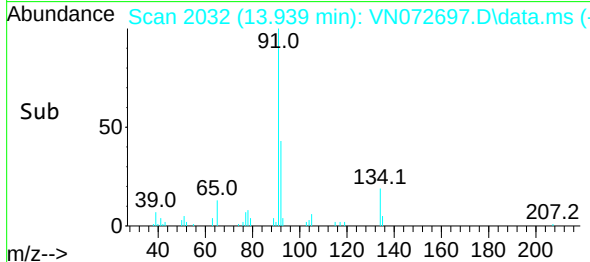
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 91 Resp: 20779
Ion Ratio Lower Upper
91 100
92 52.4 0.0 100.6
134 22.7 0.0 50.2

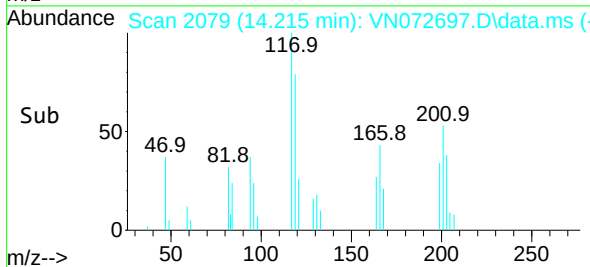
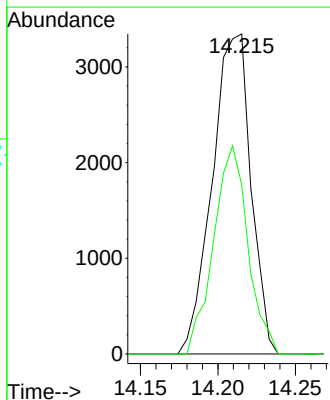
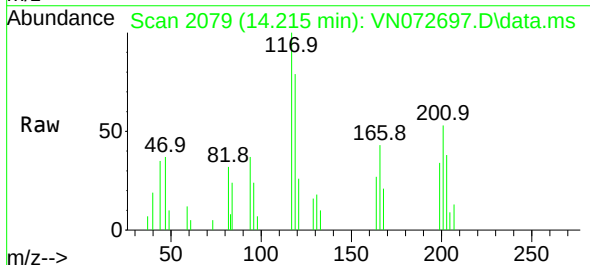
Manual Integrations
APPROVED

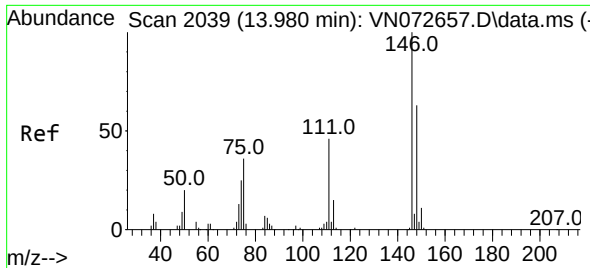
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#86
Hexachloroethane
Concen: 2.457 ug/l
RT: 14.215 min Scan# 2079
Delta R.T. 0.012 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

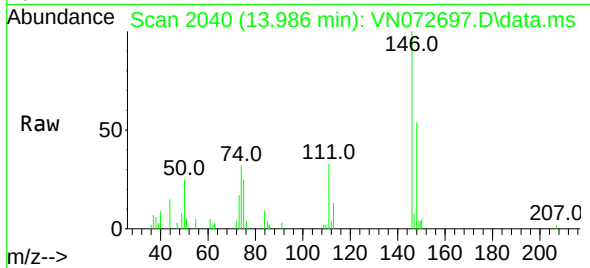
Tgt Ion:117 Resp: 5805
Ion Ratio Lower Upper
117 100
201 57.7 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 2.647 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

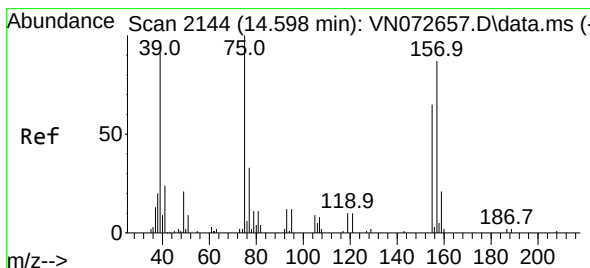
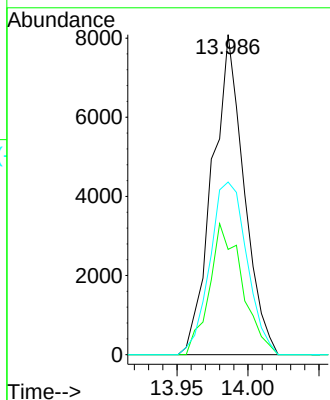
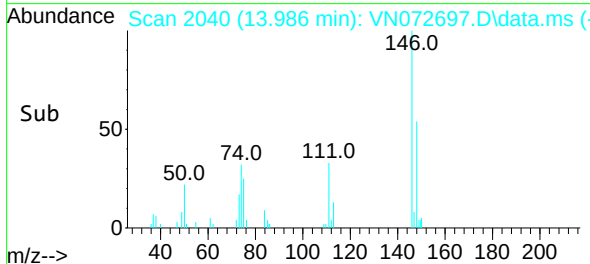
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



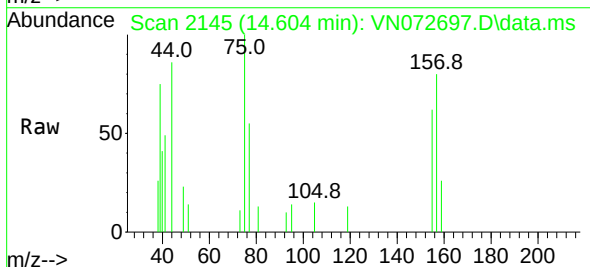
Tgt Ion:146 Resp: 12598
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 62.9 32.5 97.4

Manual Integrations
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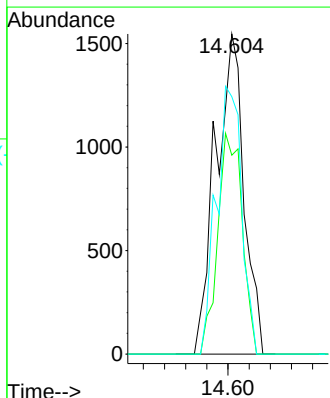
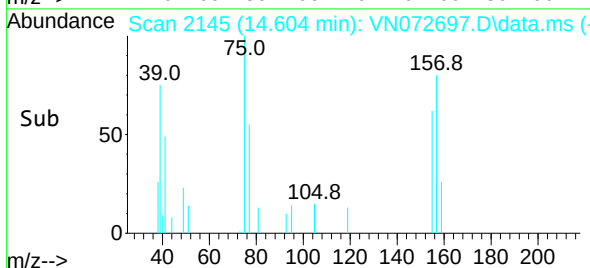
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

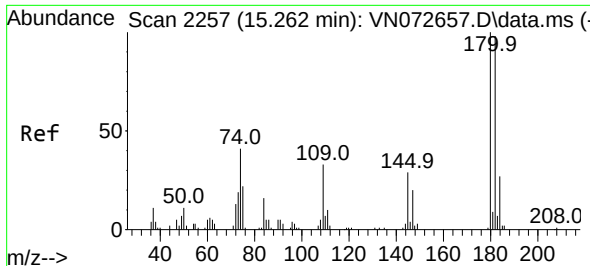


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.502 ug/l m
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



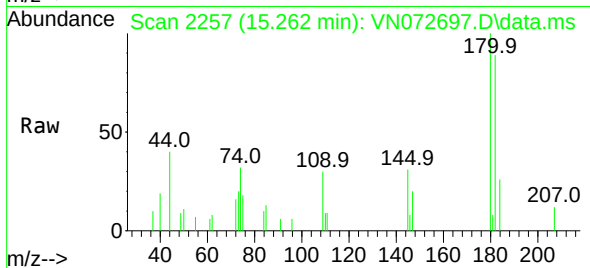
Tgt Ion: 75 Resp: 2870
Ion Ratio Lower Upper
75 100
155 59.6 63.8 95.8#
157 74.5 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 2.134 ug/l
RT: 15.262 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

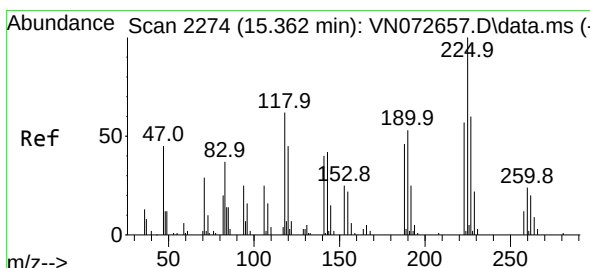
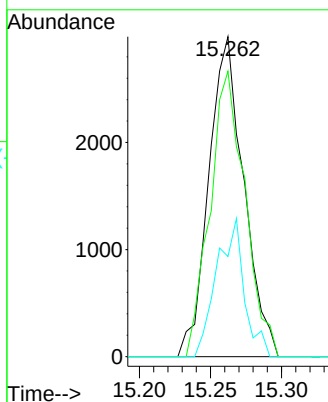
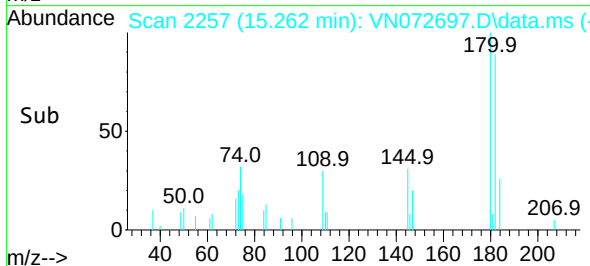
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



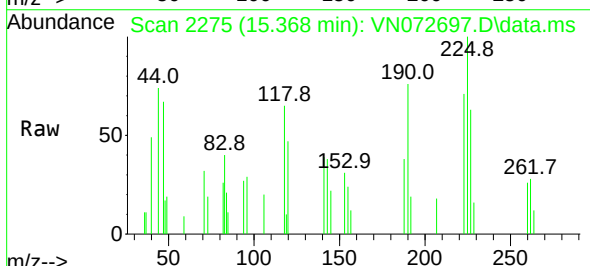
Tgt Ion:180 Resp: 5118
Ion Ratio Lower Upper
180 100
182 89.4 77.7 116.5
145 33.9 26.6 39.8

Manual Integrations
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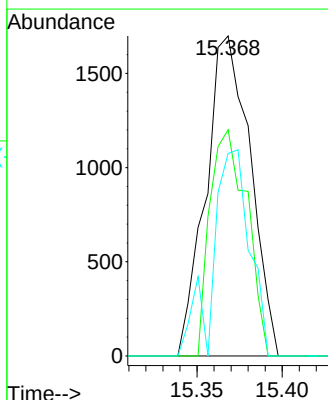
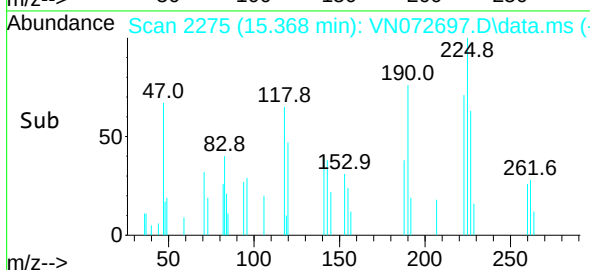
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

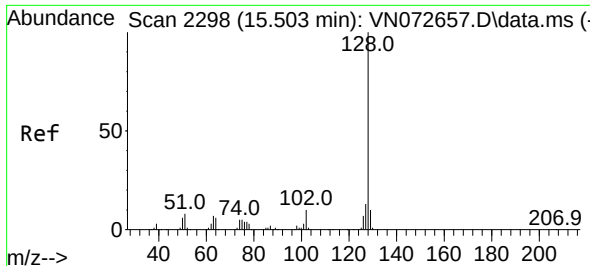


#90
Hexachlorobutadiene
Concen: 2.866 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27



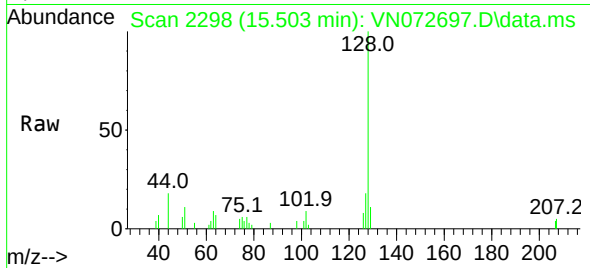
Tgt Ion:225 Resp: 3084
Ion Ratio Lower Upper
225 100
223 58.7 0.0 126.8
227 46.5 0.0 123.0





#91
Naphthalene
Concen: 1.784 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

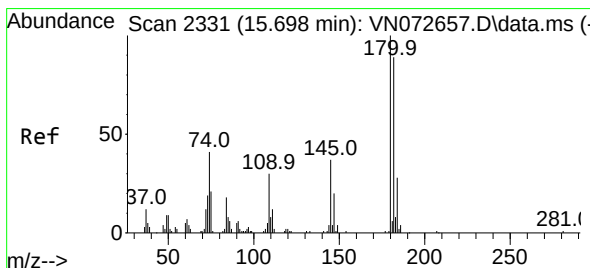
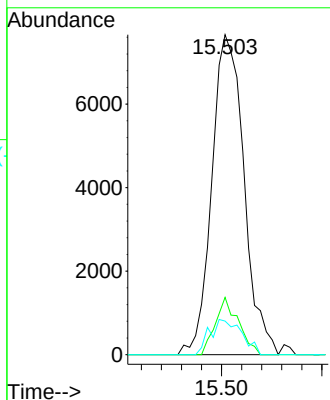
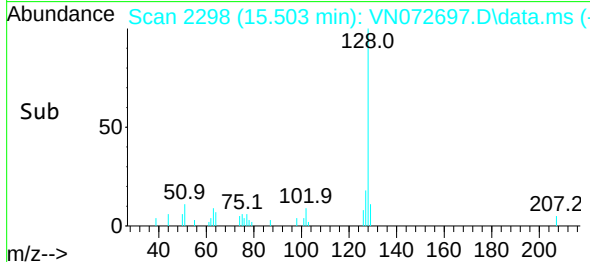
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:128 Resp: 17072
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#92
1,2,3-Trichlorobenzene
Concen: 1.971 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072697.D
Acq: 08 Jun 2022 11:27

Tgt Ion:180 Resp: 4810
Ion Ratio Lower Upper
180 100
182 103.1 0.0 190.0
145 42.4 0.0 67.8

