

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072734.D
 Acq On : 09 Jun 2022 16:40
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 10 04:15:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 10 04:02:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	154238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	292723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	279636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	109625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	227779	55.024	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.040%			
35) Dibromofluoromethane	8.016	113	150331	51.902	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.800%			
50) Toluene-d8	10.439	98	564953	48.887	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.780%			
62) 4-Bromofluorobenzene	12.727	95	167344	42.200	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	1130	0.452	ug/l	81
3) Chloromethane	2.293	50	2173	0.729	ug/l	96
4) Vinyl Chloride	2.440	62	1669	0.609	ug/l	# 79
5) Bromomethane	2.840	94	1303	0.969	ug/l	91
6) Chloroethane	3.004	64	793	0.411	ug/l	92
7) Trichlorofluoromethane	3.352	101	2278	0.522	ug/l	# 50
8) Diethyl Ether	3.816	74	1090	0.615	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.222	101	1146m	0.480	ug/l	
10) Methyl Iodide	4.410	142	908	0.408	ug/l	# 60
11) Tert butyl alcohol	5.351	59	5866m	5.940	ug/l	
12) 1,1-Dichloroethene	4.187	96	855	0.384	ug/l	# 25
13) Acrolein	4.051	56	1642	4.026	ug/l	94
14) Allyl chloride	4.834	41	3162	0.615	ug/l	# 79
15) Acrylonitrile	5.557	53	5597	2.675	ug/l	# 34
16) Acetone	4.293	43	7705	3.884	ug/l	# 87
17) Carbon Disulfide	4.522	76	3332	0.593	ug/l	# 83
18) Methyl Acetate	4.857	43	4005m	0.776	ug/l	
19) Methyl tert-butyl Ether	5.610	73	5100	0.507	ug/l	99
20) Methylene Chloride	5.093	84	2665	0.851	ug/l	# 74
21) trans-1,2-Dichloroethene	5.604	96	1041	0.425	ug/l	# 60
22) Diisopropyl ether	6.492	45	5639	0.541	ug/l	# 93
23) Vinyl Acetate	6.434	43	23176	2.431	ug/l	# 92
24) 1,1-Dichloroethane	6.387	63	2759	0.510	ug/l	# 82
25) 2-Butanone	7.340	43	10286	3.224	ug/l	92
26) 2,2-Dichloropropane	7.316	77	3588	0.734	ug/l	# 59
27) cis-1,2-Dichloroethene	7.310	96	1843m	0.591	ug/l	
28) Bromochloromethane	7.657	49	1067	0.418	ug/l	# 43
29) Tetrahydrofuran	7.692	42	5718	2.900	ug/l	# 59
30) Chloroform	7.828	83	2879	0.511	ug/l	# 59
31) Cyclohexane	8.087	56	8013	1.713	ug/l	# 51
32) 1,1,1-Trichloroethane	8.016	97	2416	0.485	ug/l	# 46
36) 1,1-Dichloropropene	8.228	75	2207	0.549	ug/l	# 82
37) Ethyl Acetate	7.422	43	4374m	0.700	ug/l	
38) Carbon Tetrachloride	8.204	117	2417	0.563	ug/l	89
39) Methylcyclohexane	9.463	83	2268	0.486	ug/l	# 90
40) Benzene	8.457	78	6129	0.502	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	1112m	0.528	ug/l	
42) 1,2-Dichloroethane	8.528	62	3185	0.630	ug/l	78
43) Isopropyl Acetate	8.563	43	4989	0.513	ug/l #	83
44) Trichloroethene	9.210	130	1347	0.474	ug/l	71
45) 1,2-Dichloropropane	9.492	63	1593	0.483	ug/l	92
46) Dibromomethane	9.581	93	1161	0.504	ug/l #	78
47) Bromodichloromethane	9.757	83	2399	0.506	ug/l #	82
48) Methyl methacrylate	9.563	41	2551	0.554	ug/l #	73
49) 1,4-Dioxane	9.569	88	826	9.818	ug/l	91
51) 4-Methyl-2-Pentanone	10.328	43	14835	2.342	ug/l	87
52) Toluene	10.504	92	3986	0.523	ug/l	88
53) t-1,3-Dichloropropene	10.716	75	2129	0.405	ug/l #	87
54) cis-1,3-Dichloropropene	10.186	75	2414	0.444	ug/l #	72
55) 1,1,2-Trichloroethane	10.898	97	1518	0.462	ug/l #	73
56) Ethyl methacrylate	10.763	69	2574	0.443	ug/l #	72
57) 1,3-Dichloropropane	11.039	76	2692	0.459	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.033	63	4452	1.921	ug/l	97
59) 2-Hexanone	11.092	43	15533	3.334	ug/l	70
60) Dibromochloromethane	11.239	129	1617	0.474	ug/l	83
61) 1,2-Dibromoethane	11.345	107	1683	0.500	ug/l	91
64) Tetrachloroethene	10.975	164	1212	0.515	ug/l #	84
65) Chlorobenzene	11.769	112	3684	0.494	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.833	131	1215	0.410	ug/l #	51
67) Ethyl Benzene	11.845	91	6789	0.485	ug/l	97
68) m/p-Xylenes	11.951	106	4296	0.863	ug/l #	73
69) o-Xylene	12.274	106	2498	0.499	ug/l	79
70) Styrene	12.292	104	3494	0.444	ug/l #	92
71) Bromoform	12.457	173	985	0.472	ug/l #	74
73) Isopropylbenzene	12.580	105	5737	0.488	ug/l	97
74) N-amyl acetate	12.392	43	3426	0.627	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.827	83	2245	0.550	ug/l	91
76) 1,2,3-Trichloropropane	12.874	75	1970m	0.557	ug/l	
77) Bromobenzene	12.863	156	1382	0.596	ug/l	59
78) n-propylbenzene	12.921	91	6329	0.493	ug/l	90
79) 2-Chlorotoluene	13.004	91	4286	0.532	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	5181	0.556	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.616	75	563m	0.416	ug/l	
82) 4-Chlorotoluene	13.098	91	4210	0.566	ug/l	82
83) tert-Butylbenzene	13.316	119	4338	0.530	ug/l	79
84) 1,2,4-Trimethylbenzene	13.369	105	4620	0.518	ug/l	87
85) sec-Butylbenzene	13.504	105	5768	0.522	ug/l	89
86) p-Isopropyltoluene	13.610	119	3801	0.438	ug/l #	86
87) 1,3-Dichlorobenzene	13.616	146	1946	0.494	ug/l	86
88) 1,4-Dichlorobenzene	13.692	146	2388	0.619	ug/l #	37
89) n-Butylbenzene	13.945	91	3686	0.504	ug/l	83
90) Hexachloroethane	14.198	117	985	0.524	ug/l #	51
91) 1,2-Dichlorobenzene	13.986	146	2248	0.583	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.610	75	440	0.446	ug/l	64
93) 1,2,4-Trichlorobenzene	15.263	180	970	0.523	ug/l	80
94) Hexachlorobutadiene	15.368	225	213	0.256	ug/l	94
95) Naphthalene	15.510	128	3907	0.542	ug/l	98
96) 1,2,3-Trichlorobenzene	15.704	180	815	0.441	ug/l #	88

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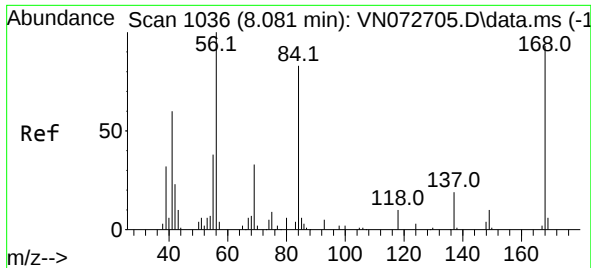
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

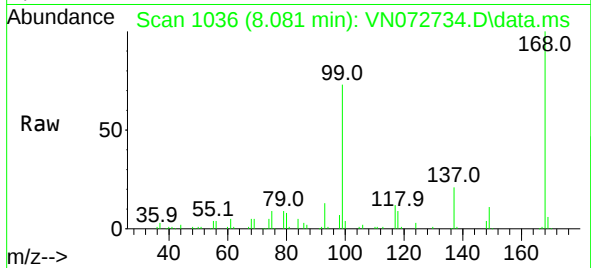
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072734.D
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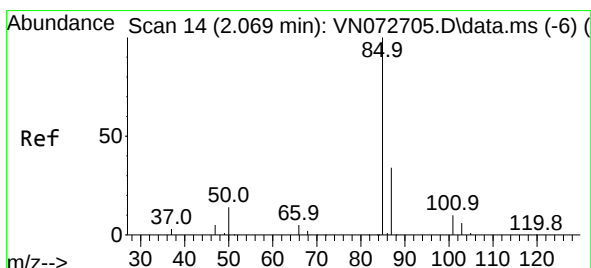
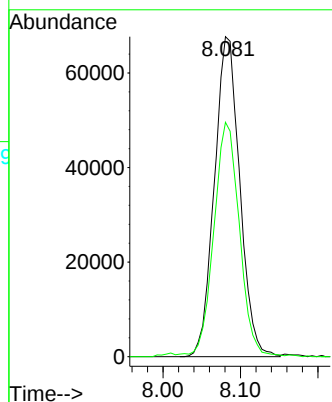
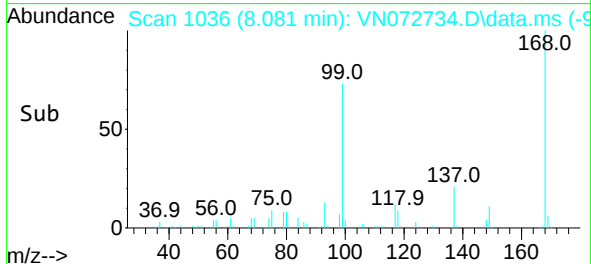
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Tgt Ion:168 Resp: 154238
Ion Ratio Lower Upper
168 100
99 72.7 42.3 63.5

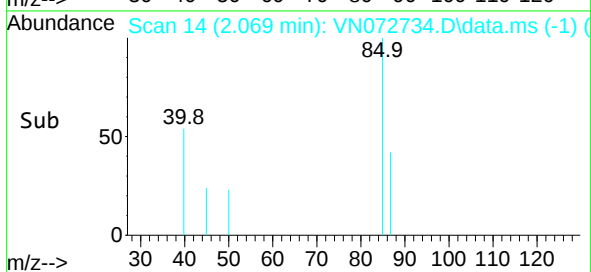
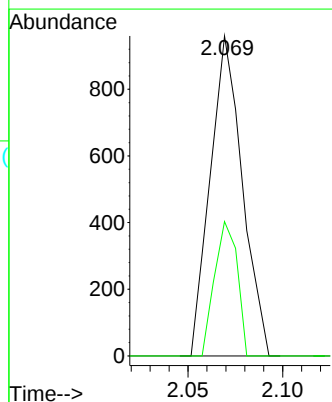
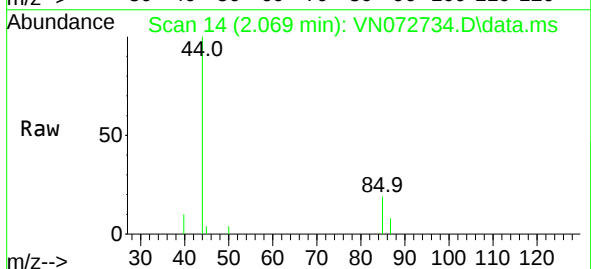
Manual Integrations
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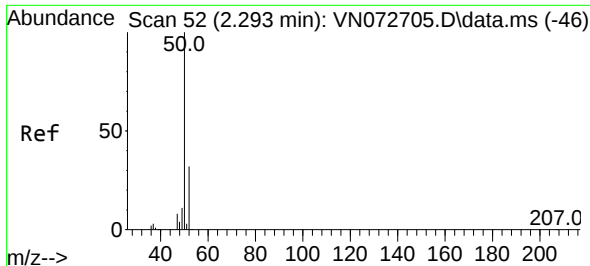
Reviewed By :John Carlone 06/10/2022
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#2
Dichlorodifluoromethane
Concen: 0.452 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

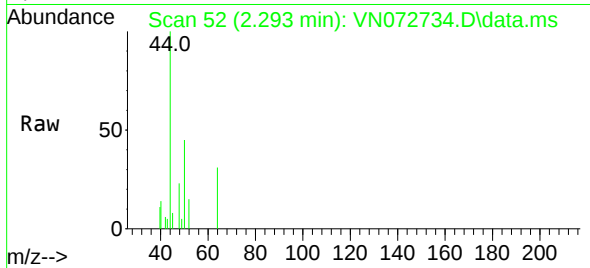
Tgt Ion: 85 Resp: 1130
Ion Ratio Lower Upper
85 100
87 42.0 15.7 47.1





#3
Chloromethane
Concen: 0.729 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

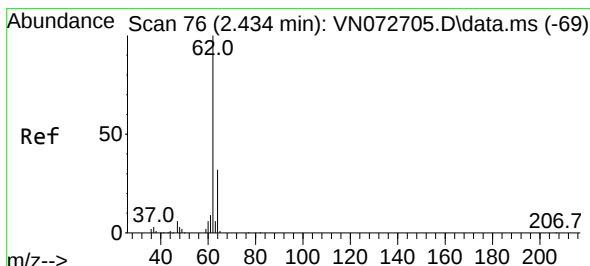
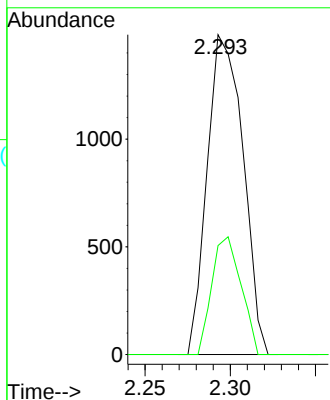
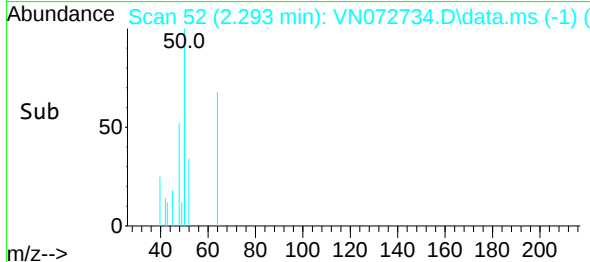
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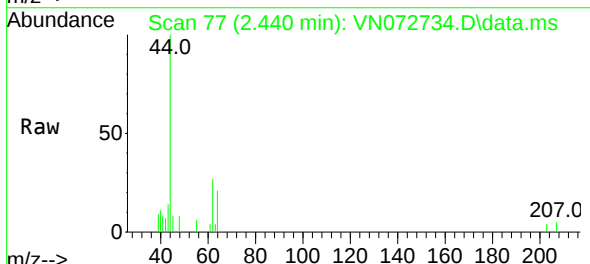
Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5

Manual Integrations
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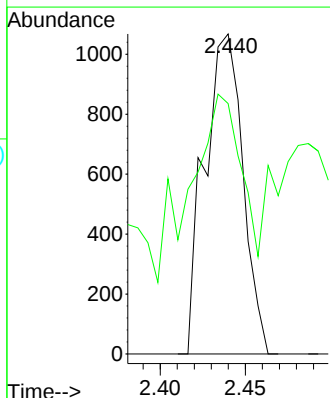
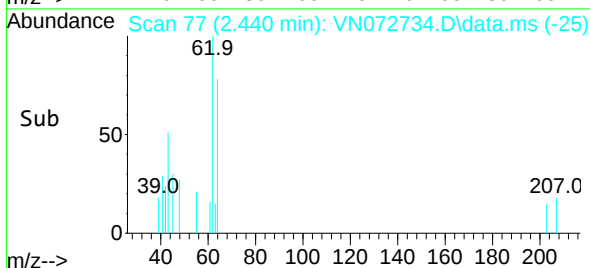
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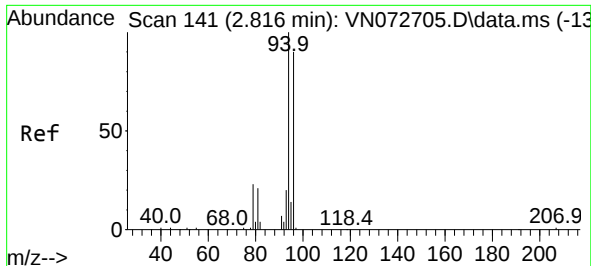


#4
Vinyl Chloride
Concen: 0.609 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



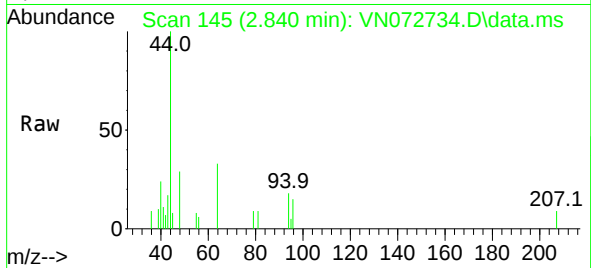
Tgt Ion: 62 Resp: 1669
Ion Ratio Lower Upper
62 100
64 42.6 25.0 37.4#





#5
Bromomethane
Concen: 0.969 ug/l
RT: 2.840 min Scan# 141
Delta R.T. 0.024 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

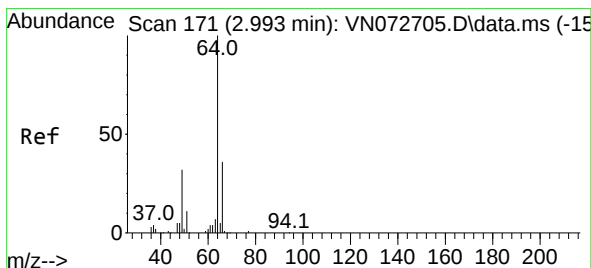
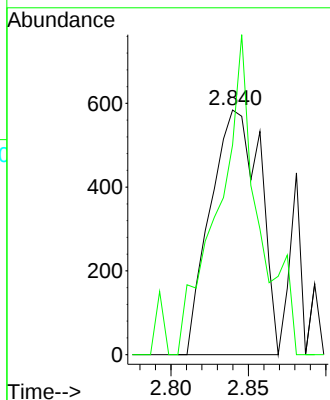
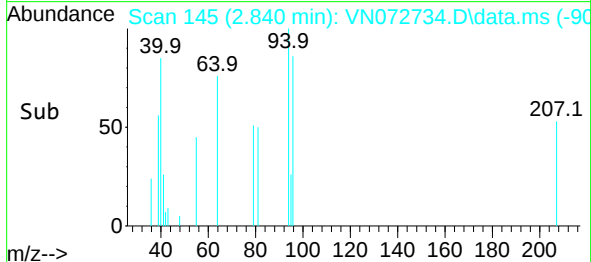
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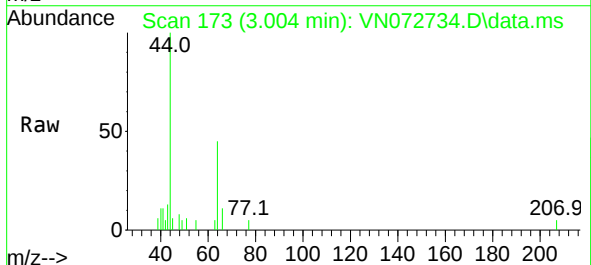
Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 85.8 76.0 114.0

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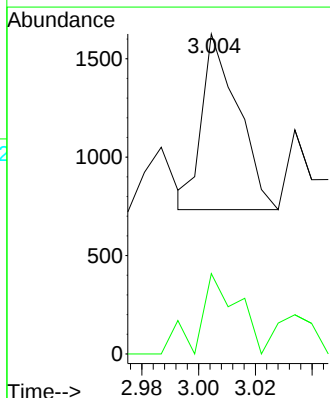
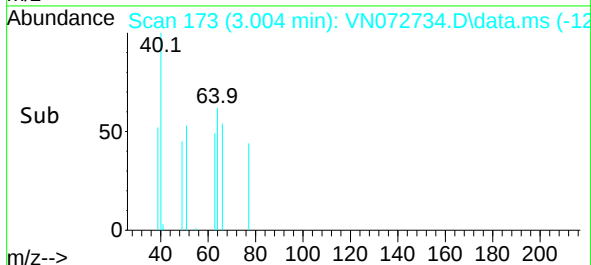
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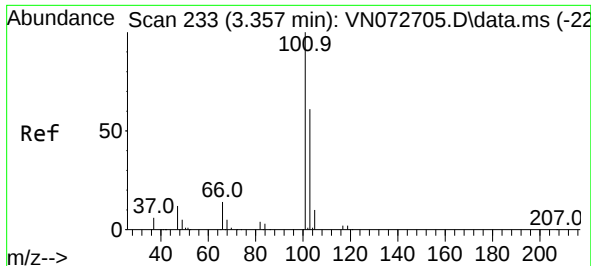


#6
Chloroethane
Concen: 0.411 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.011 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



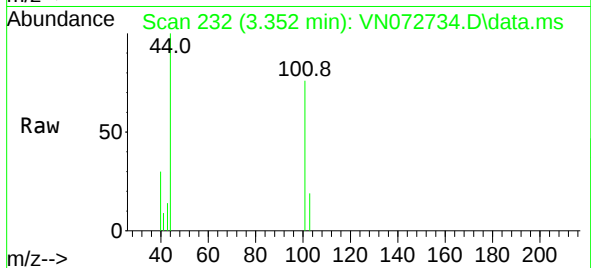
Tgt Ion: 64 Resp: 793
Ion Ratio Lower Upper
64 100
66 28.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.522 ug/l
RT: 3.352 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

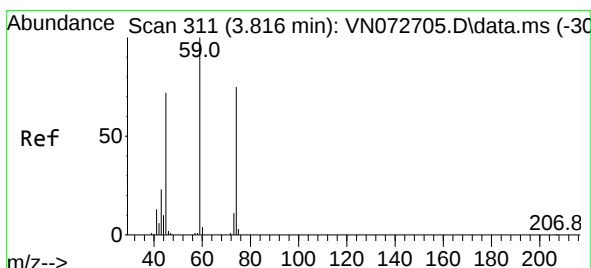
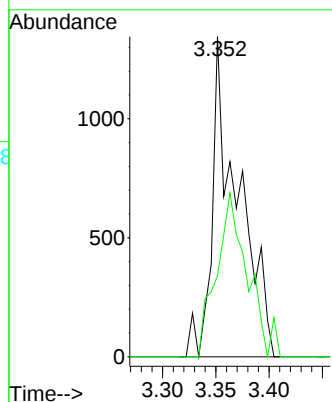
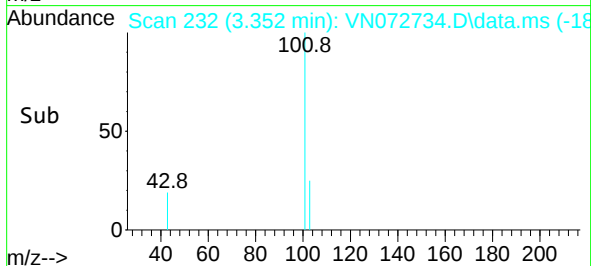
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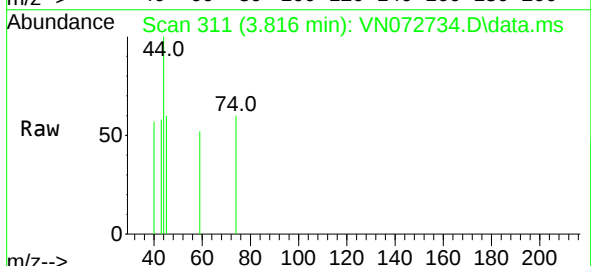
Tgt Ion:101 Resp: 2278
Ion Ratio Lower Upper
101 100
103 25.3 51.5 77.3

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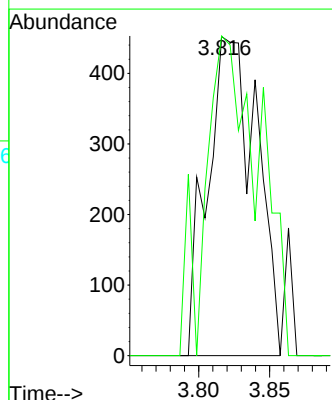
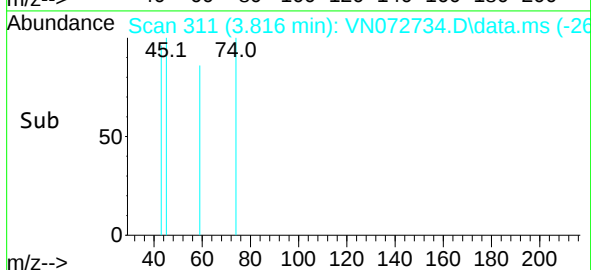
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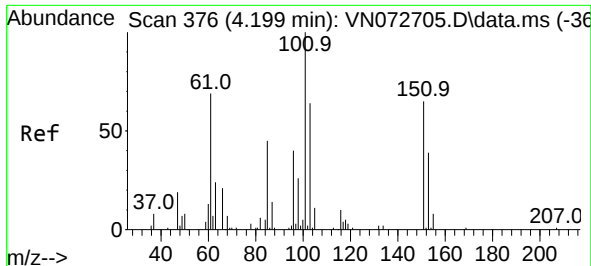


#8
Diethyl Ether
Concen: 0.615 ug/l
RT: 3.816 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN072734.D
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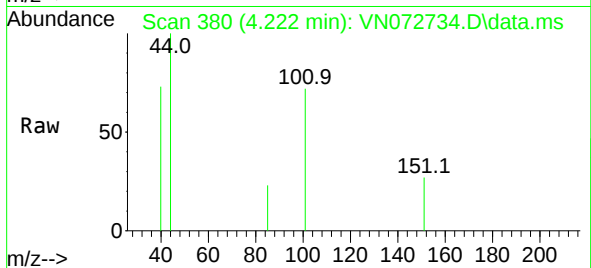
Tgt Ion: 74 Resp: 1090
Ion Ratio Lower Upper
74 100
45 85.3 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.480 ug/l m
RT: 4.222 min Scan# 376
Delta R.T. 0.023 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

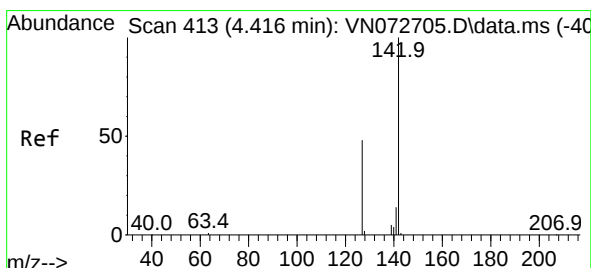
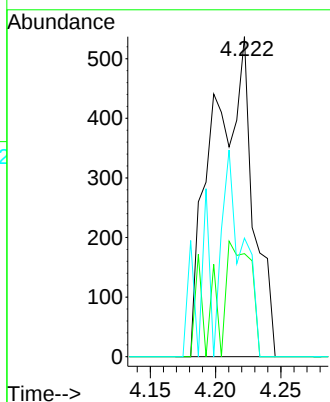
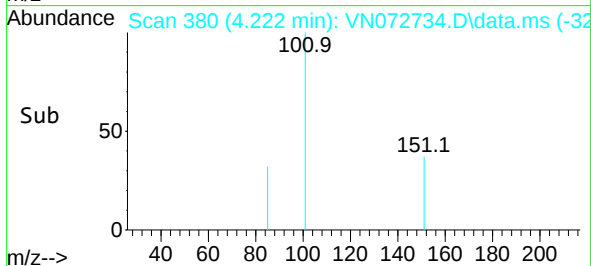
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



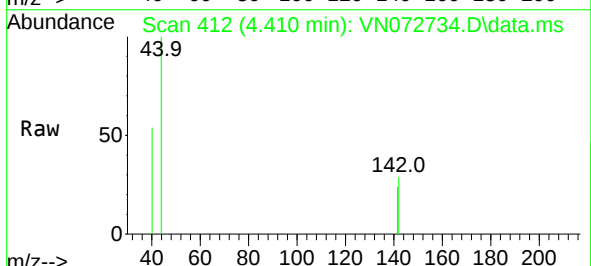
Tgt Ion:101 Resp: 1140
Ion Ratio Lower Upper
101 100
85 26.3 34.7 52.1#
151 42.1 63.0 94.4#

Manual Integrations
APPROVED

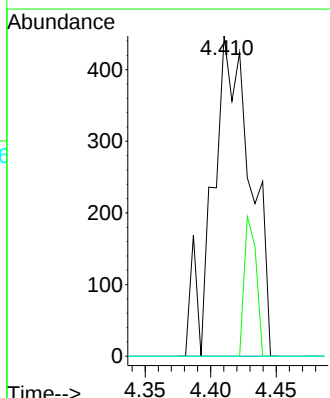
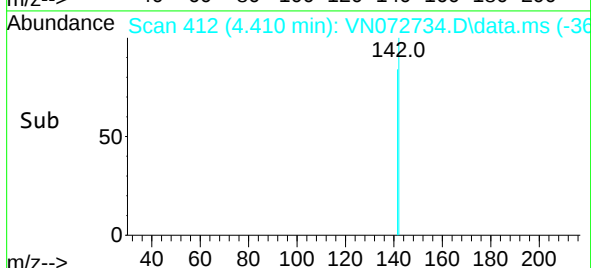
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

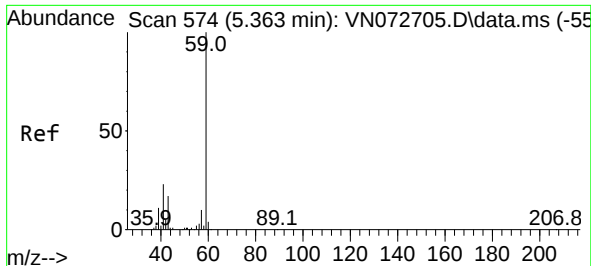


#10
Methyl Iodide
Concen: 0.408 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



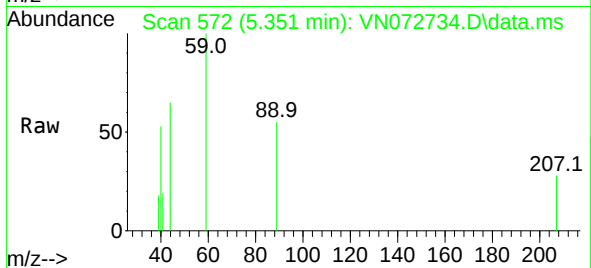
Tgt Ion:142 Resp: 908
Ion Ratio Lower Upper
142 100
127 13.5 31.3 46.9#
141 0.0 11.2 16.8#





#11
Tert butyl alcohol
Concen: 5.940 ug/l m
RT: 5.351 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

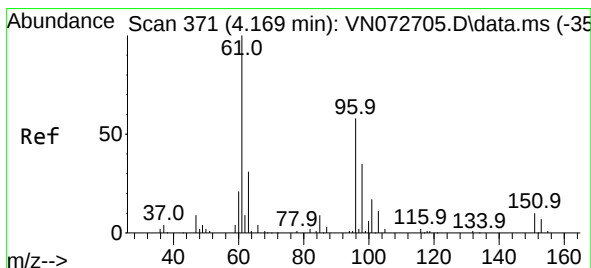
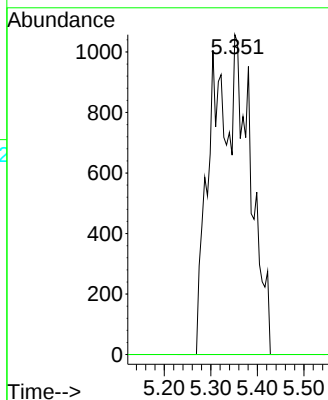
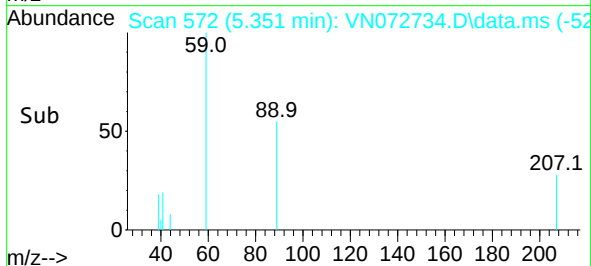
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



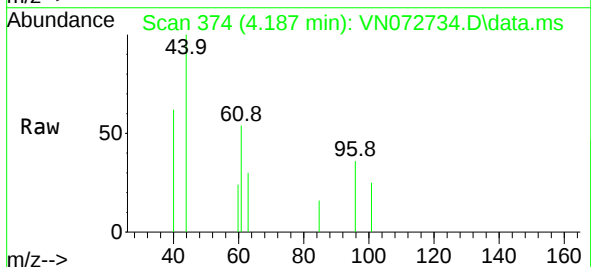
Tgt Ion: 59 Resp: 586
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

Manual Integrations
APPROVED

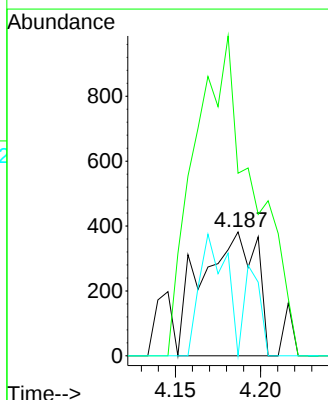
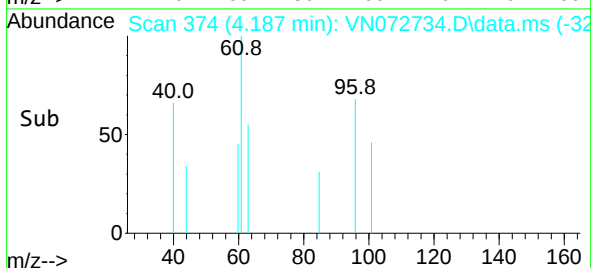
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

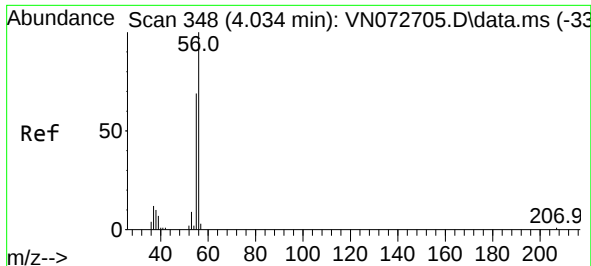


#12
1,1-Dichloroethene
Concen: 0.384 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.018 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



Tgt Ion: 96 Resp: 855
Ion Ratio Lower Upper
96 100
61 64.9 127.6 191.4#
98 0.0 51.2 76.8#





#13

Acrolein

Concen: 4.026 ug/l

RT: 4.051 min Scan# 31

Delta R.T. 0.017 min

Lab File: VN072734.D

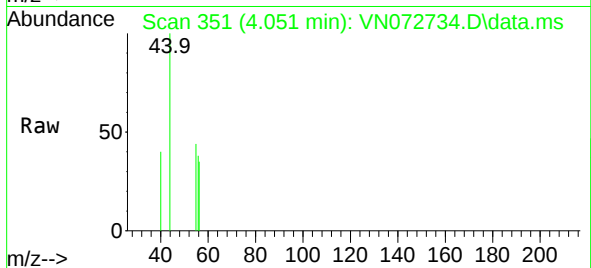
Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 56 Resp: 164

Ion Ratio Lower Upper

56 100

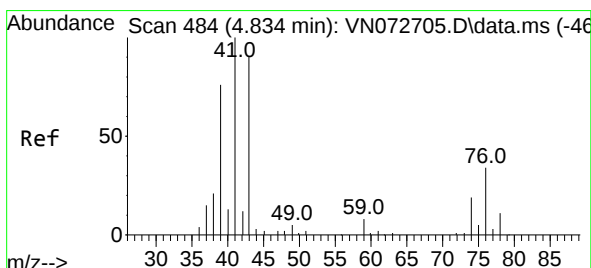
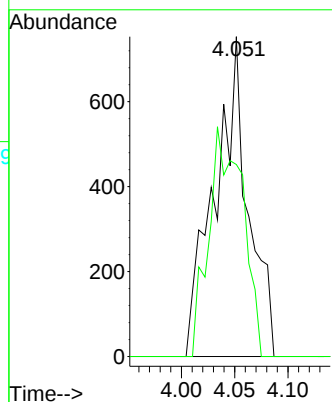
55 73.1 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#14

Allyl chloride

Concen: 0.615 ug/l

RT: 4.834 min Scan# 484

Delta R.T. -0.000 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

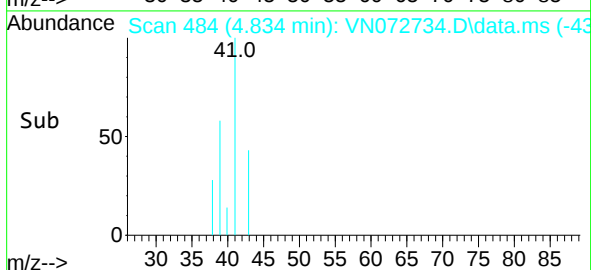
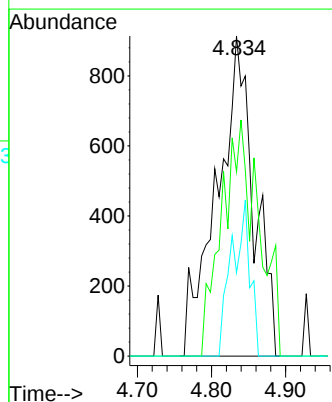
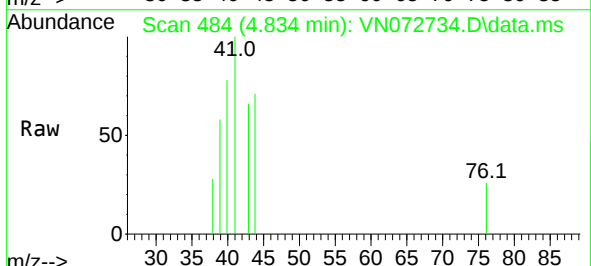
Tgt Ion: 41 Resp: 3162

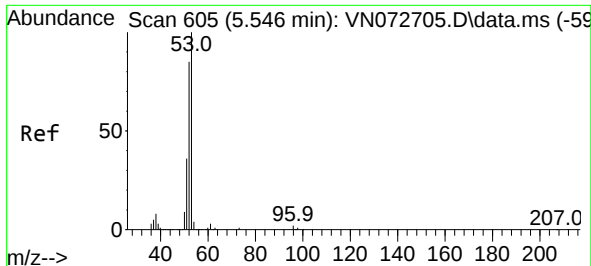
Ion Ratio Lower Upper

41 100

39 50.8 53.2 79.8#

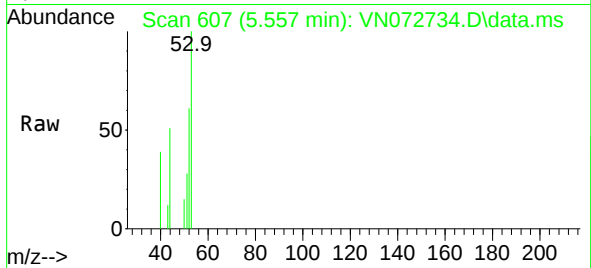
76 24.2 29.9 44.9#





#15
Acrylonitrile
Concen: 2.675 ug/l
RT: 5.557 min Scan# 607
Delta R.T. 0.011 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

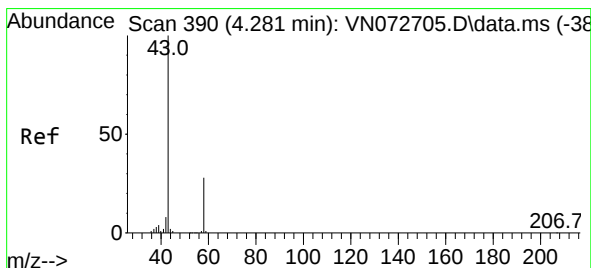
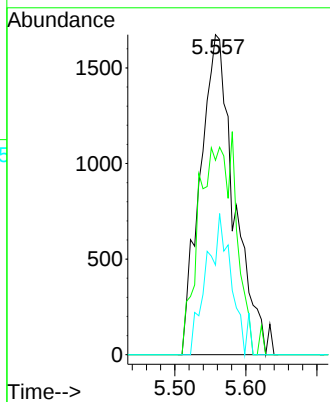
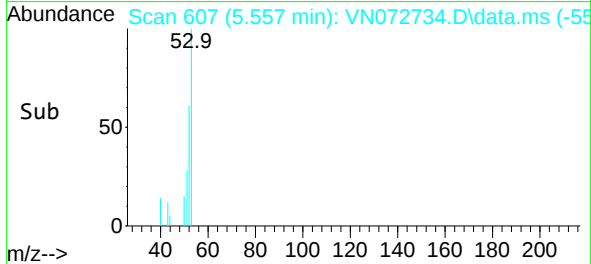
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



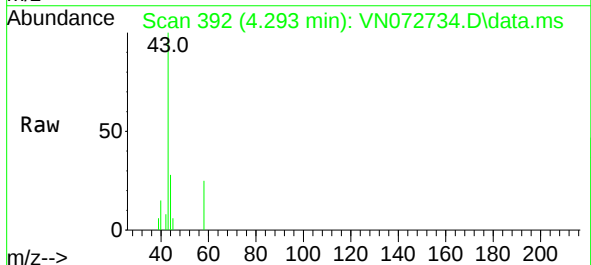
Tgt Ion: 53 Resp: 559
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6
51 32.3 28.5 42.7

Manual Integrations
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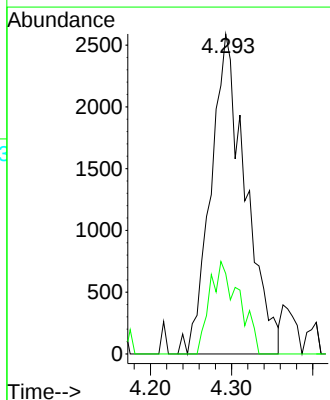
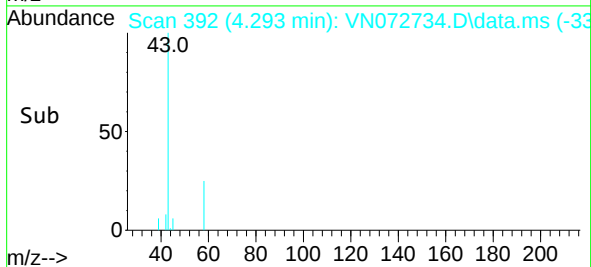
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

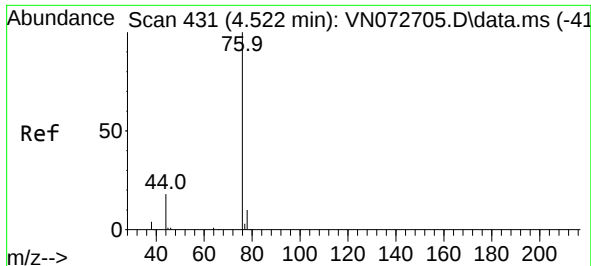


#16
Acetone
Concen: 3.884 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



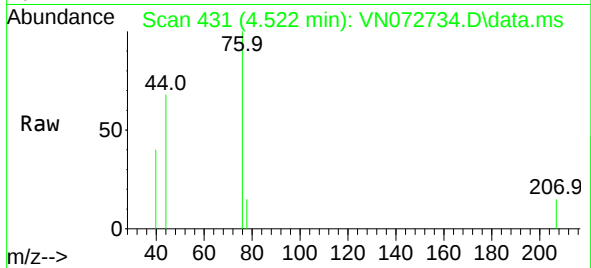
Tgt Ion: 43 Resp: 7705
Ion Ratio Lower Upper
43 100
58 25.1 26.0 39.0





#17
Carbon Disulfide
Concen: 0.593 ug/l
RT: 4.522 min Scan# 431
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

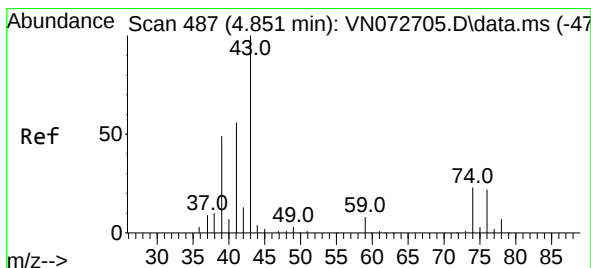
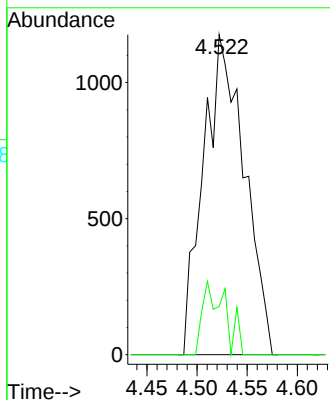
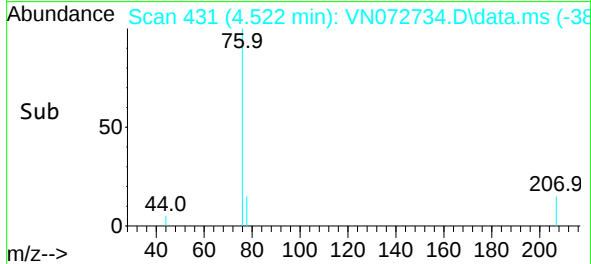
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



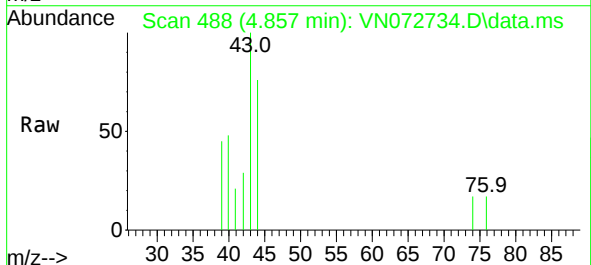
Tgt Ion: 76 Resp: 333
Ion Ratio Lower Upper
76 100
78 15.1 7.2 10.8

Manual Integrations
APPROVED

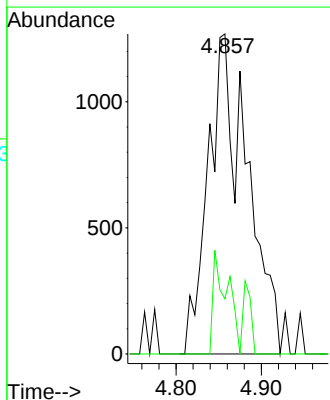
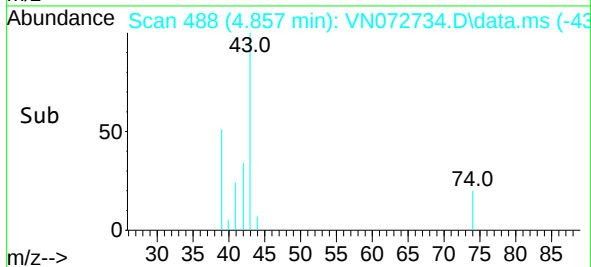
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

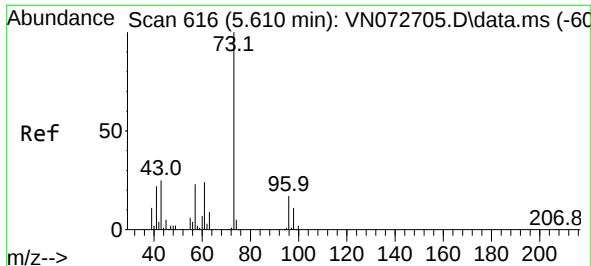


#18
Methyl Acetate
Concen: 0.776 ug/l m
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



Tgt Ion: 43 Resp: 4005
Ion Ratio Lower Upper
43 100
74 12.0 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 0.507 ug/l

RT: 5.610 min Scan# 616

Delta R.T. 0.000 min

Lab File: VN072734.D

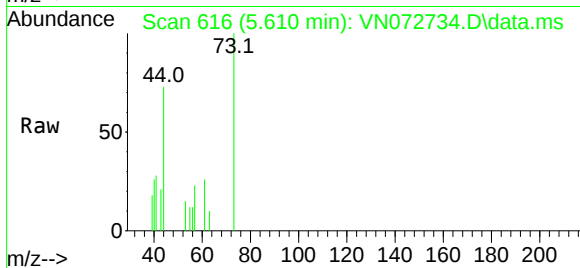
Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 73 Resp: 5100

Ion Ratio Lower Upper

73 100

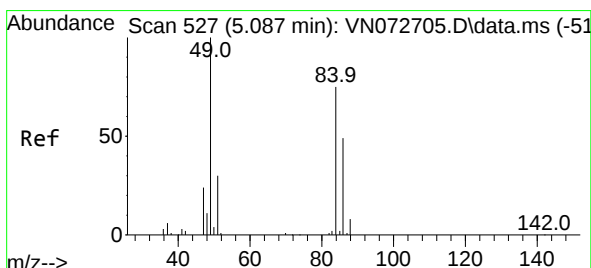
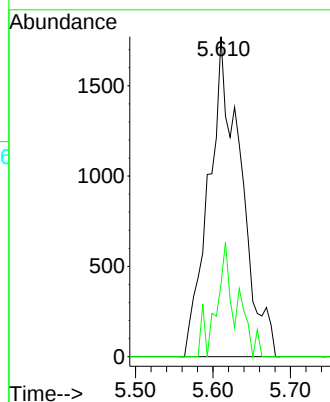
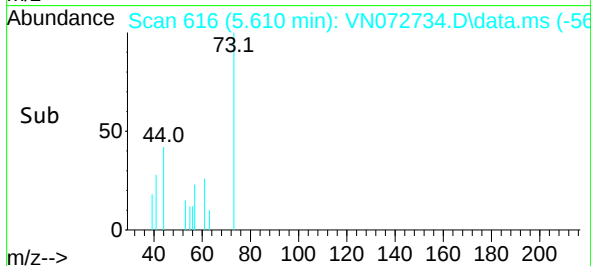
57 22.6 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#20

Methylene Chloride

Concen: 0.851 ug/l

RT: 5.093 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

Tgt Ion: 84 Resp: 2665

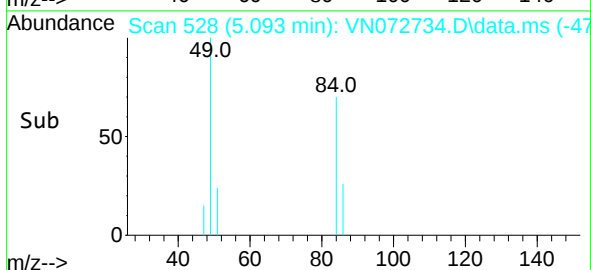
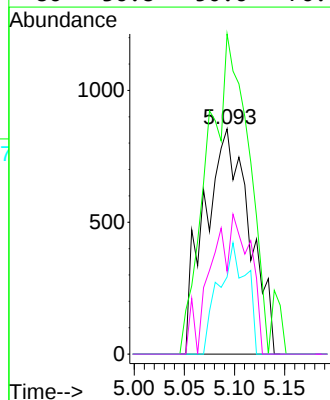
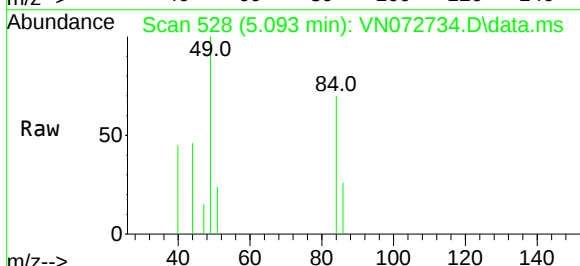
Ion Ratio Lower Upper

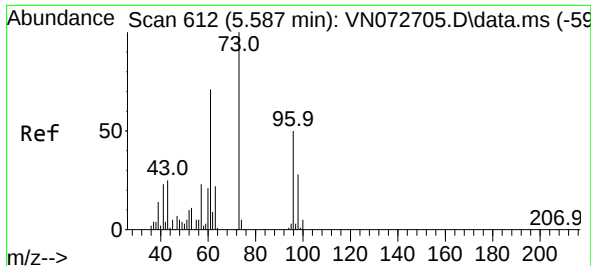
84 100

49 142.2 88.3 132.5#

51 34.2 28.2 42.2

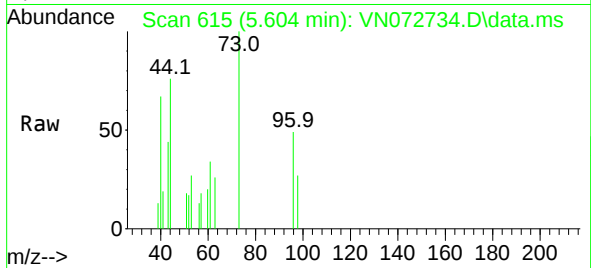
86 36.8 50.6 76.0#





#21
trans-1,2-Dichloroethene
Concen: 0.425 ug/l
RT: 5.604 min Scan# 612
Delta R.T. 0.017 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

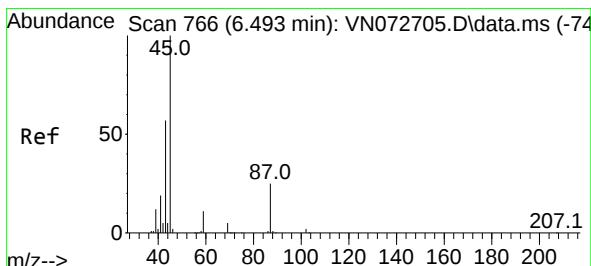
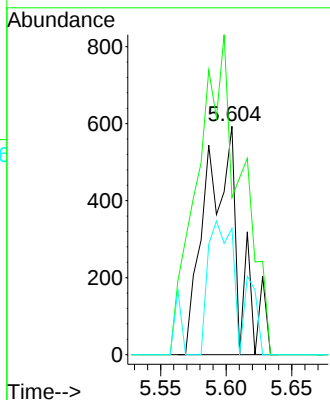
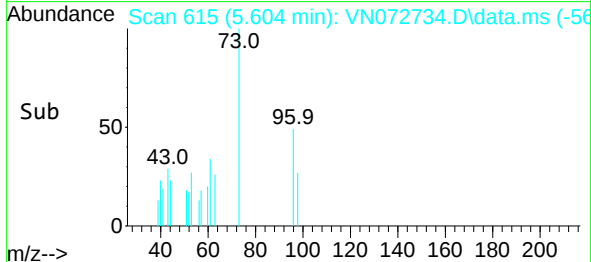
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 96 Resp: 104
Ion Ratio Lower Upper
96 100
61 68.8 105.8 158.8
98 55.3 50.3 75.5

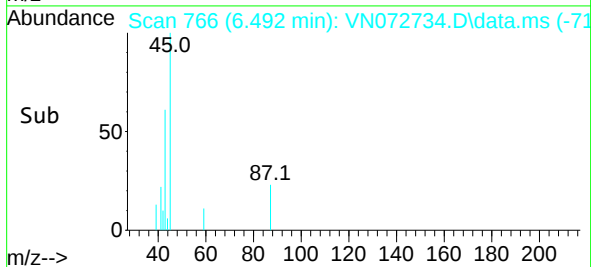
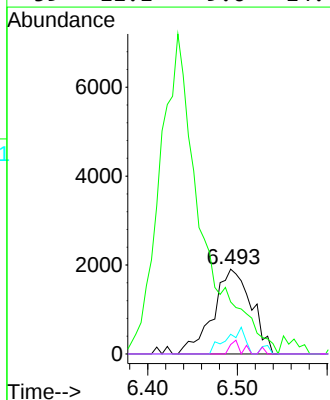
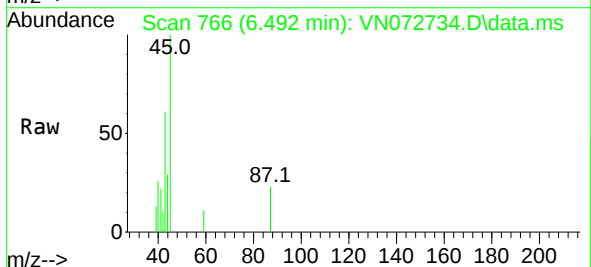
Manual Integrations
APPROVED

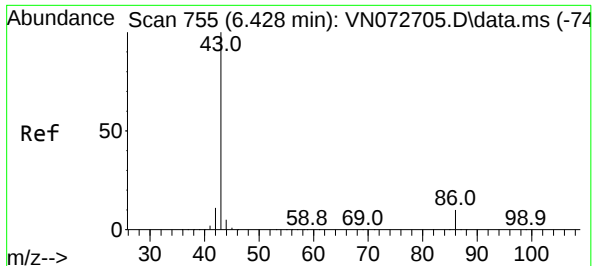
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#22
Diisopropyl ether
Concen: 0.541 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

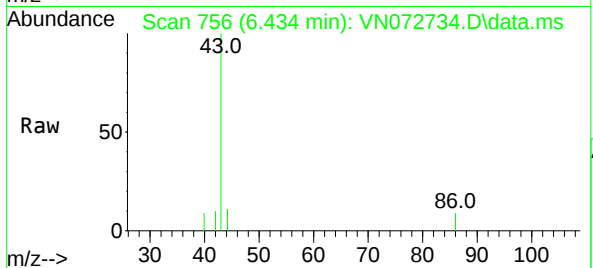
Tgt Ion: 45 Resp: 5639
Ion Ratio Lower Upper
45 100
43 61.3 46.6 70.0
87 23.3 24.3 36.5
59 11.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 2.431 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN072734.D
 Acq: 09 Jun 2022 16:40

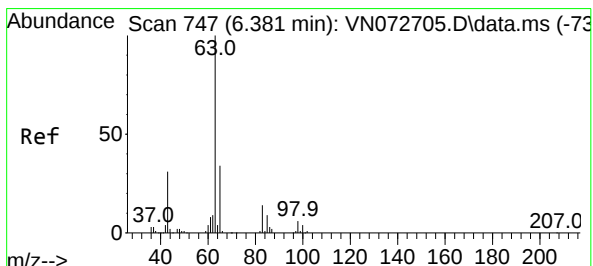
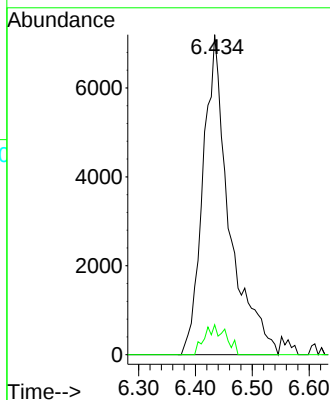
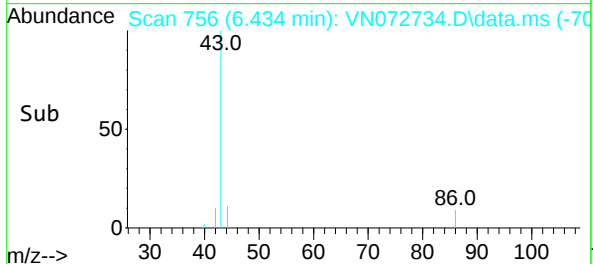
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022



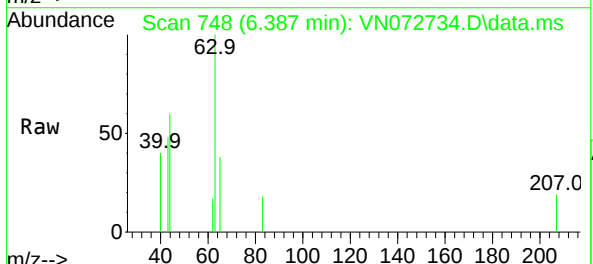
Tgt Ion: 43 Resp: 23170
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.0 15.0

Manual Integrations
 APPROVED

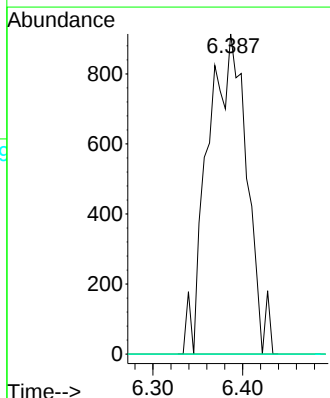
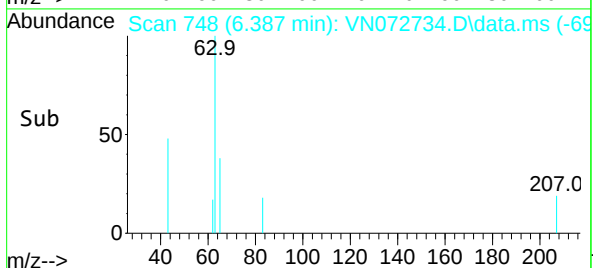
Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

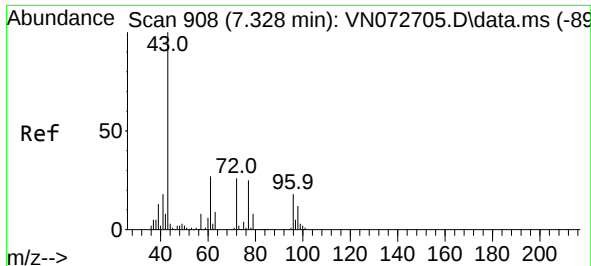


#24
 1,1-Dichloroethane
 Concen: 0.510 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN072734.D
 Acq: 09 Jun 2022 16:40



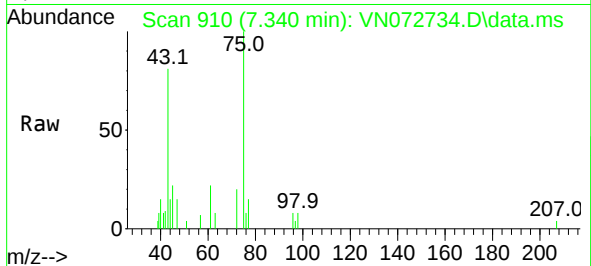
Tgt Ion: 63 Resp: 2759
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25
2-Butanone
Concen: 3.224 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

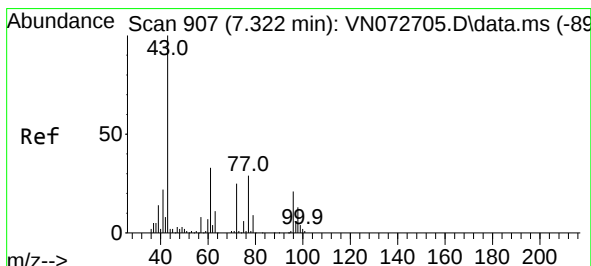
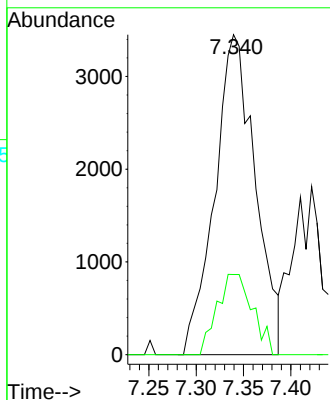
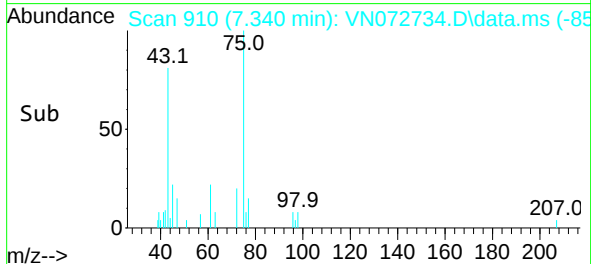
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 10280
Ion Ratio Lower Upper
43 100
72 25.0 23.7 35.5

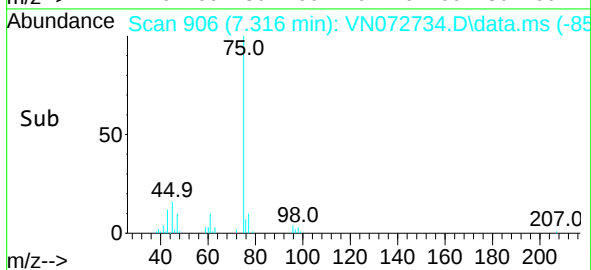
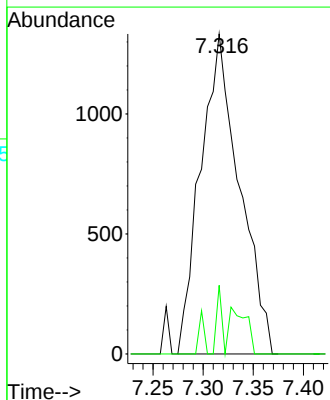
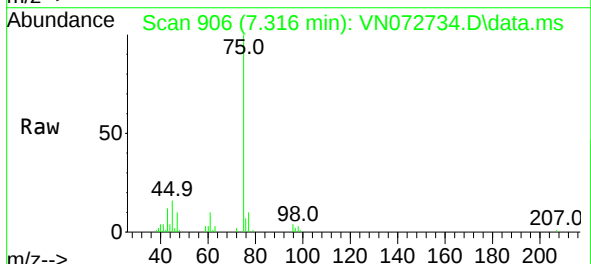
Manual Integrations
APPROVED

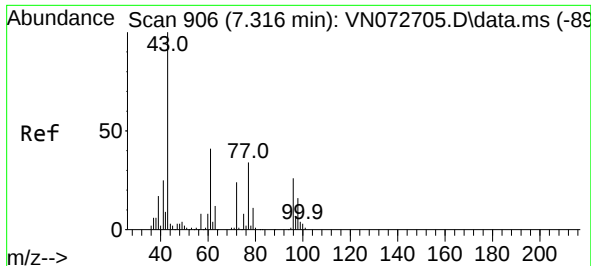
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
2,2-Dichloropropane
Concen: 0.734 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

Tgt Ion: 77 Resp: 3588
Ion Ratio Lower Upper
77 100
97 2.8 11.4 34.2#





#27

cis-1,2-Dichloroethene

Concen: 0.591 ug/l m

RT: 7.310 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072734.D

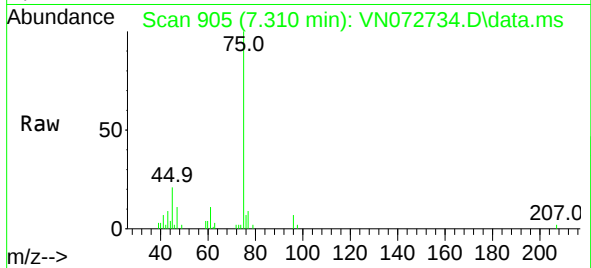
Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



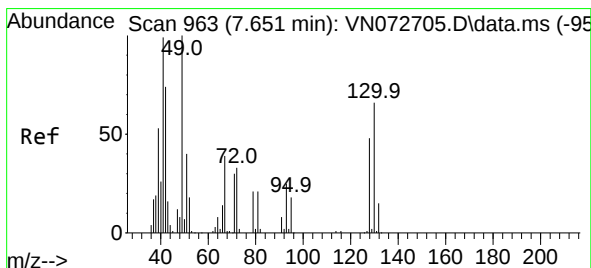
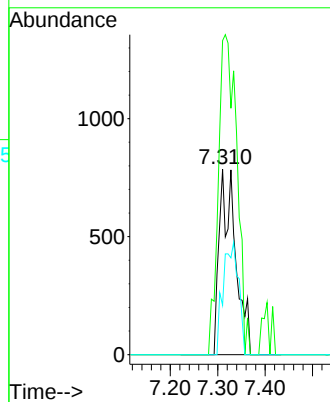
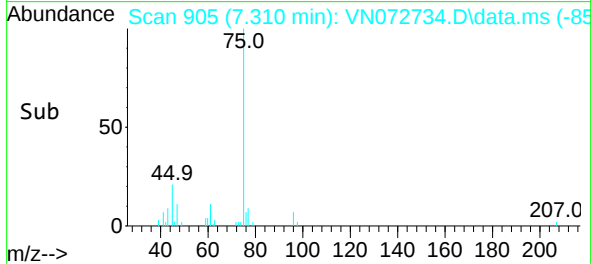
Tgt Ion:	96	Resp:	184
Ion	Ratio	Lower	Upper
96	100		
61	198.4	0.0	280.6
98	0.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#28

Bromochloromethane

Concen: 0.418 ug/l

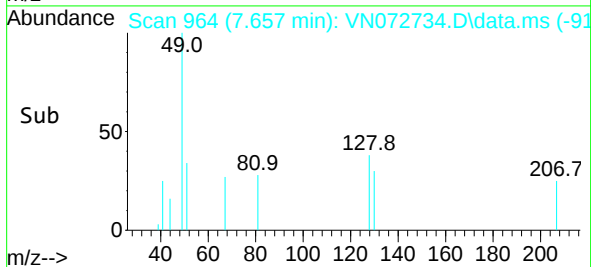
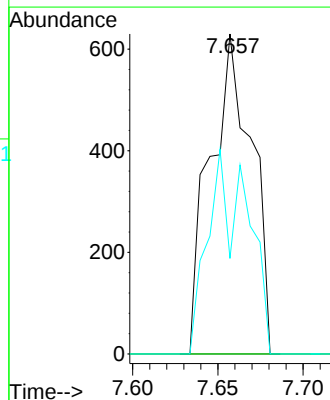
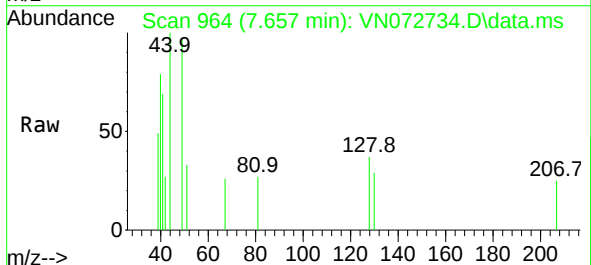
RT: 7.657 min Scan# 964

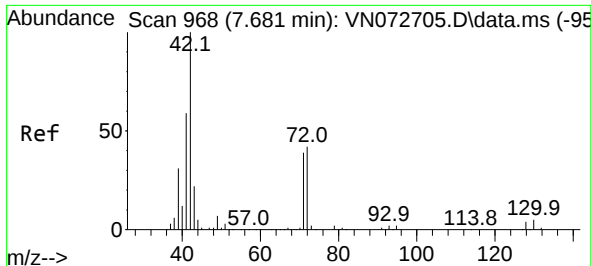
Delta R.T. 0.006 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

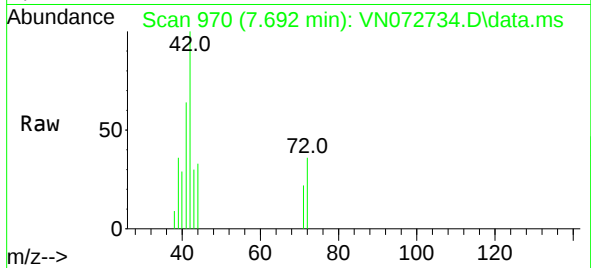
Tgt Ion:	49	Resp:	1067
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	33.3	69.7	104.5





#29
Tetrahydrofuran
Concen: 2.900 ug/l
RT: 7.692 min Scan# 911
Delta R.T. 0.011 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

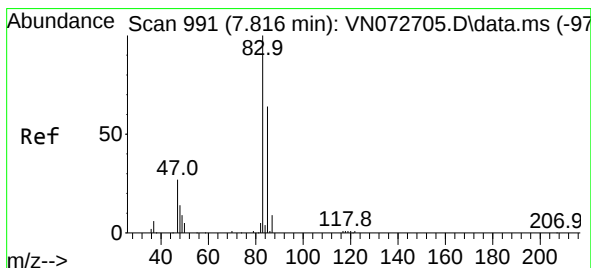
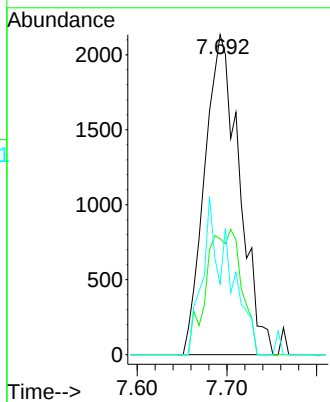
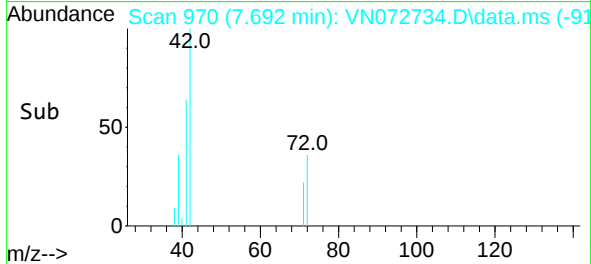
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 42 Resp: 5718
Ion Ratio Lower Upper
42 100
72 39.7 39.7 59.5
71 0.0 36.6 55.0

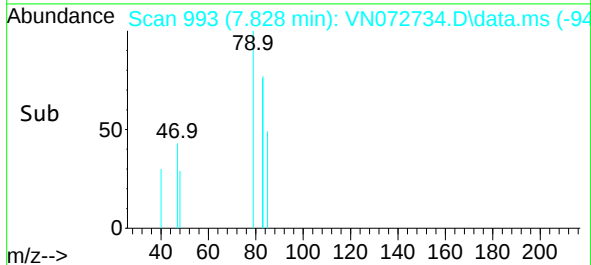
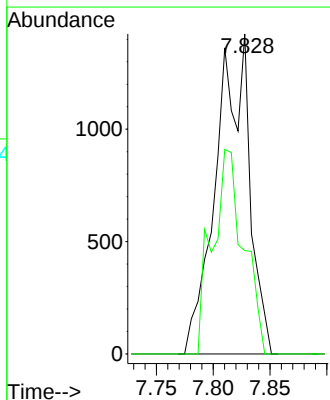
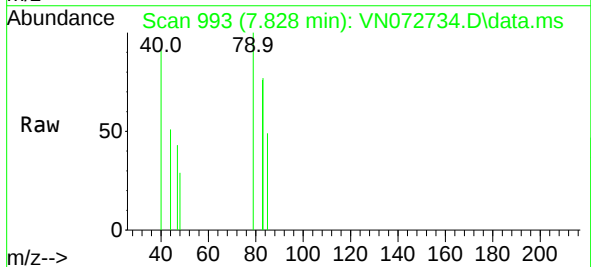
Manual Integrations
APPROVED

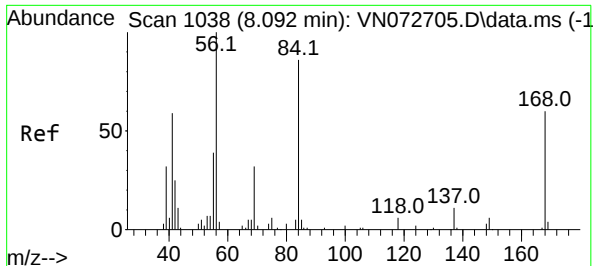
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#30
Chloroform
Concen: 0.511 ug/l
RT: 7.828 min Scan# 993
Delta R.T. 0.012 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

Tgt Ion: 83 Resp: 2879
Ion Ratio Lower Upper
83 100
85 32.3 51.8 77.8





#31

Cyclohexane

Concen: 1.713 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

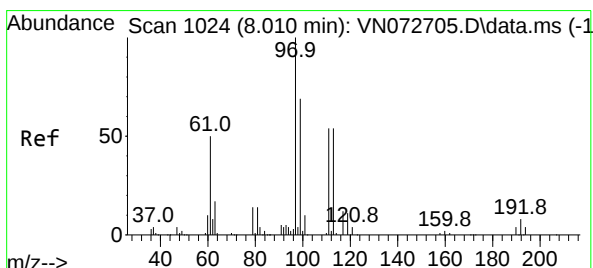
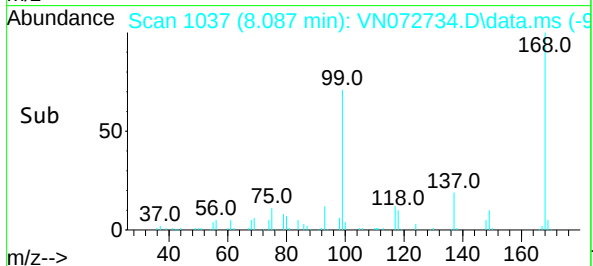
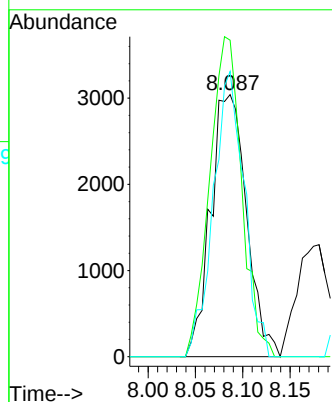
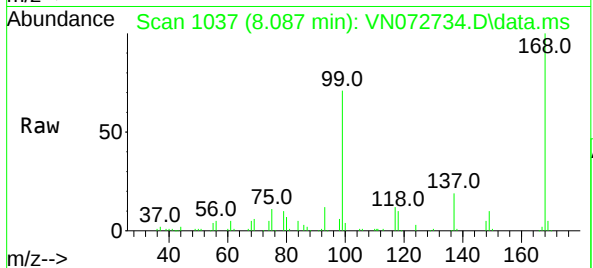
Tgt Ion:	56	Resp:	801
Ion	Ratio	Lower	Upper
56	100		
69	120.7	27.8	41.8
84	108.9	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#32

1,1,1-Trichloroethane

Concen: 0.485 ug/l

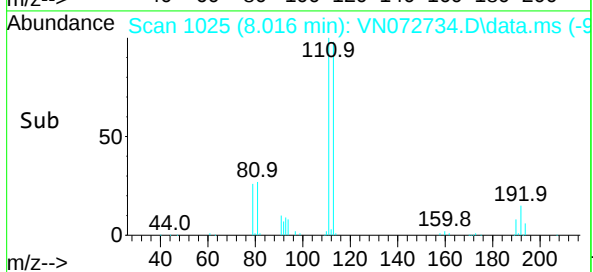
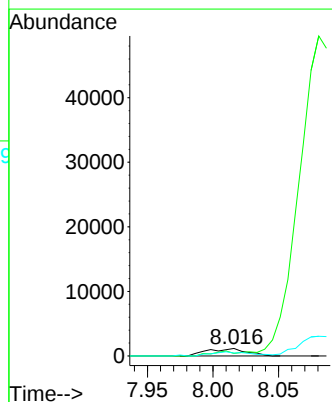
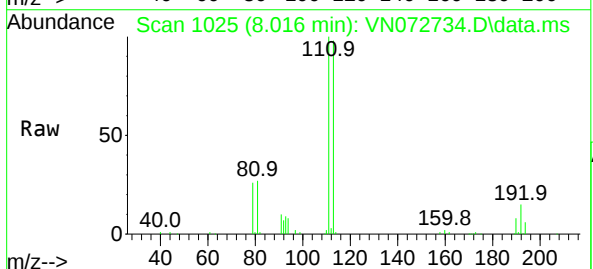
RT: 8.016 min Scan# 1025

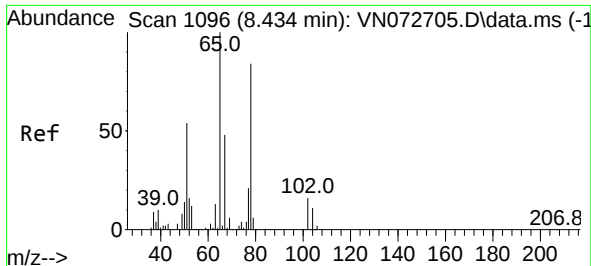
Delta R.T. 0.006 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

Tgt Ion:	97	Resp:	2416
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0
61	55.8	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 55.024 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072734.D

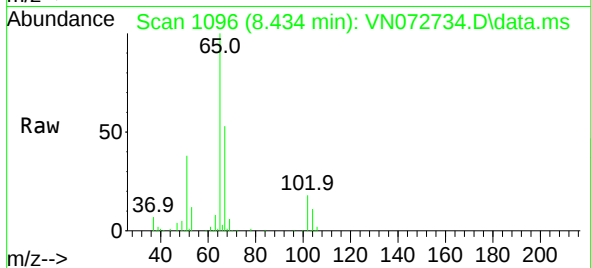
Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 65 Resp: 227779

Ion Ratio Lower Upper

65 100

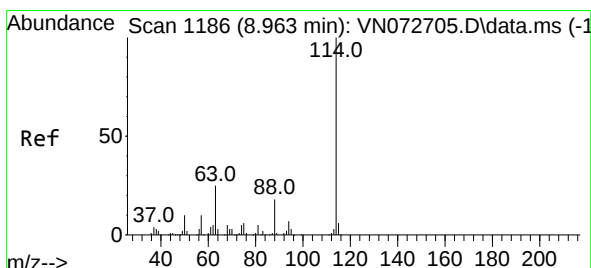
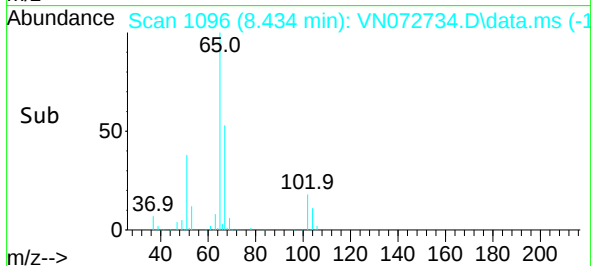
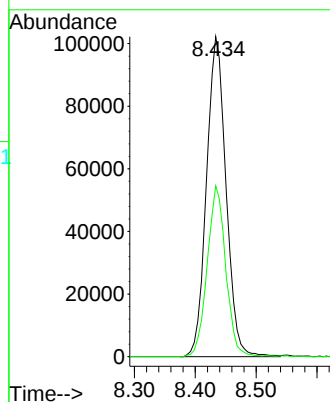
67 50.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

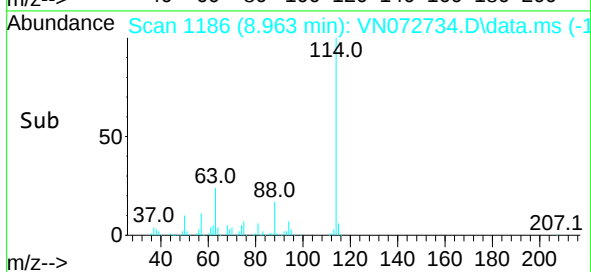
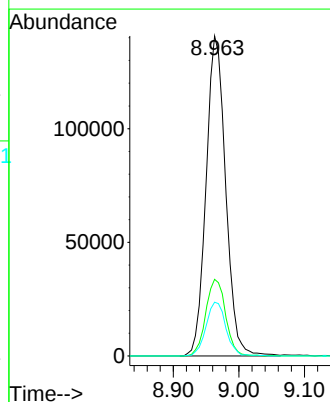
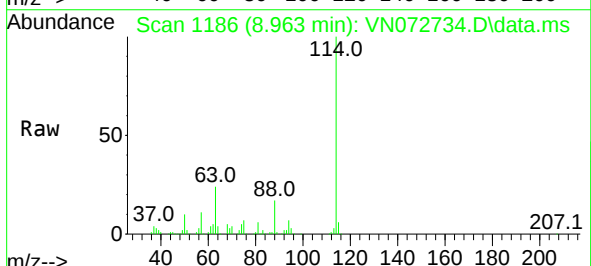
Tgt Ion:114 Resp: 292723

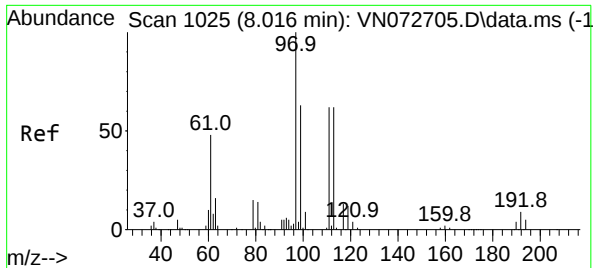
Ion Ratio Lower Upper

114 100

63 24.0 0.0 40.0

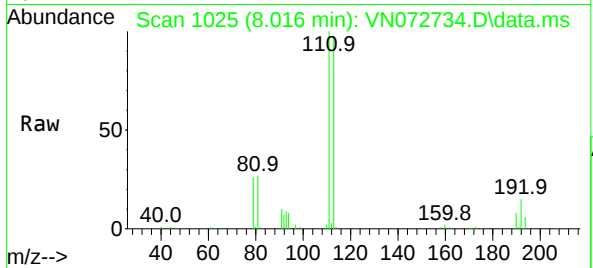
88 16.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.902 ug/l
RT: 8.016 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

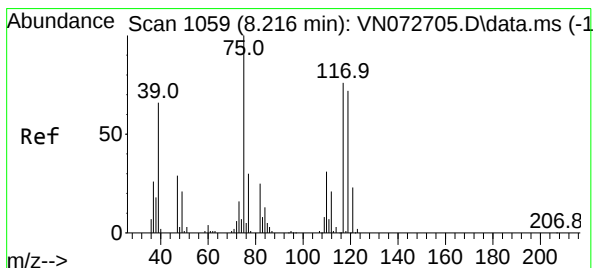
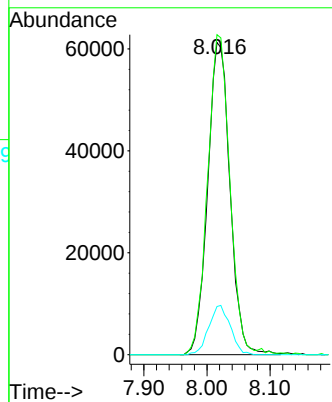
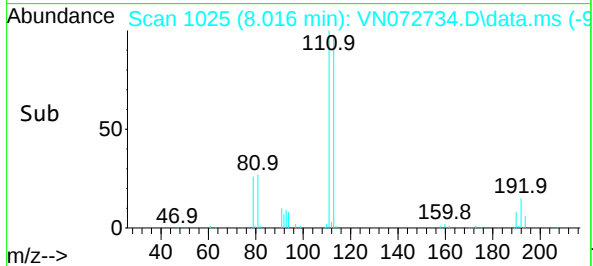
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 113 Resp: 15033
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 15.2 17.0 25.6

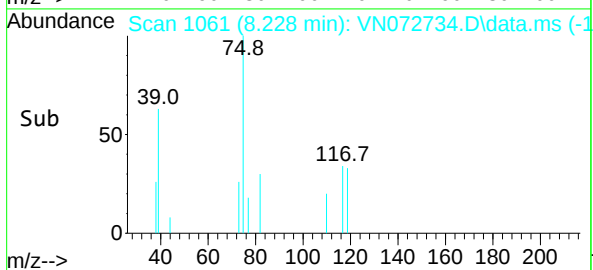
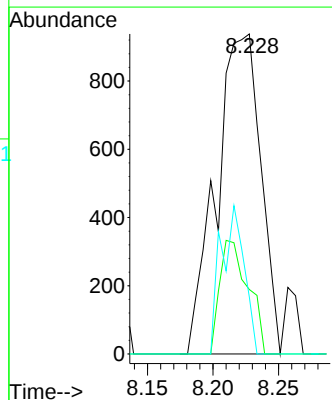
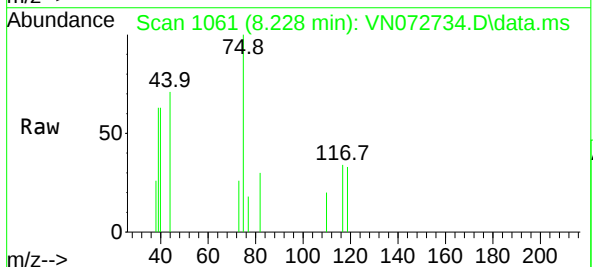
Manual Integrations
APPROVED

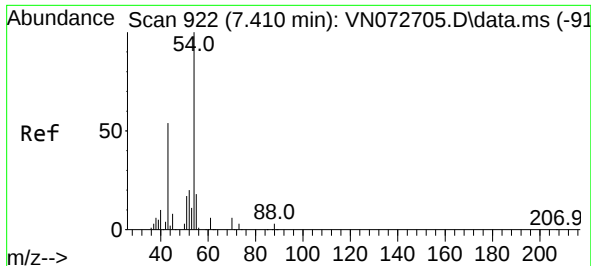
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#36
1,1-Dichloropropene
Concen: 0.549 ug/l
RT: 8.228 min Scan# 1061
Delta R.T. 0.012 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

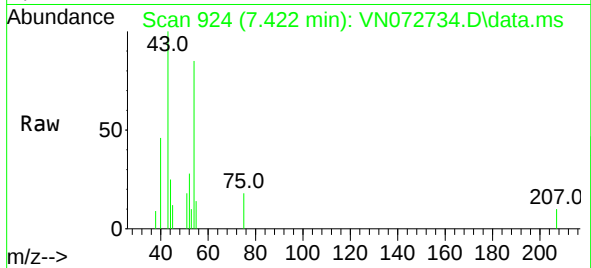
Tgt Ion: 75 Resp: 2207
Ion Ratio Lower Upper
75 100
110 22.8 18.3 54.8
77 24.2 25.1 37.7#





#37
Ethyl Acetate
Concen: 0.700 ug/l m
RT: 7.422 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

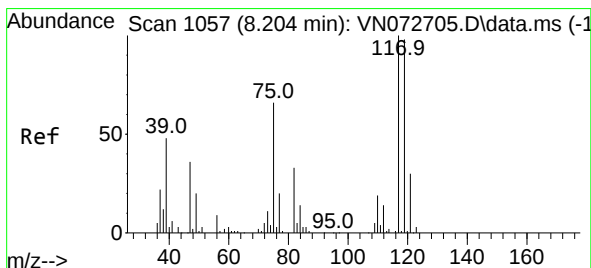
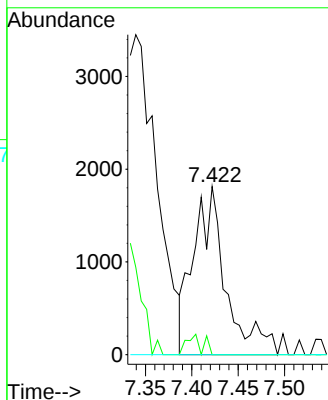
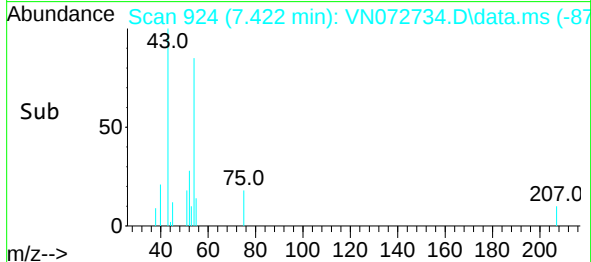
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 4374
Ion Ratio Lower Upper
43 100
61 5.9 11.8 17.6
70 0.0 9.3 13.9

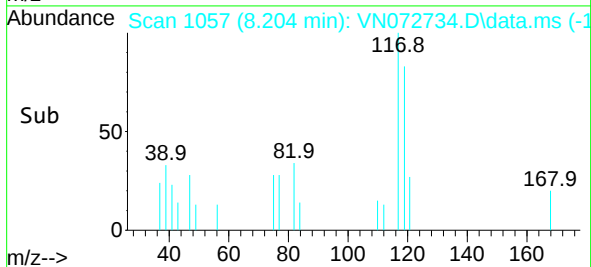
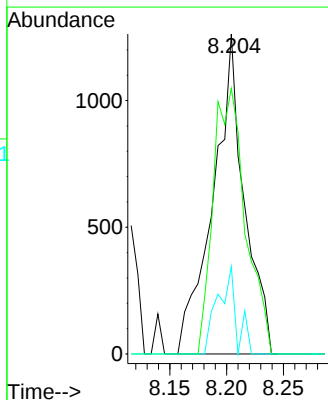
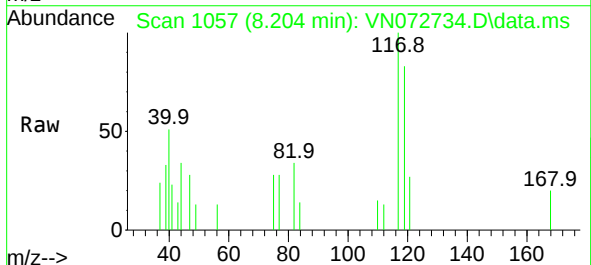
Manual Integrations
APPROVED

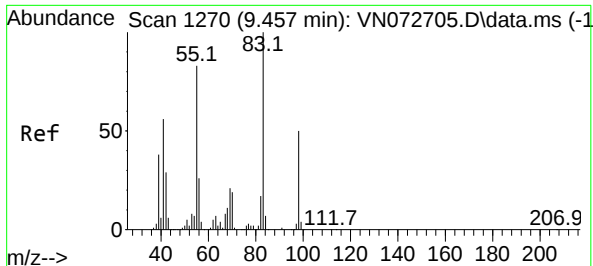
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#38
Carbon Tetrachloride
Concen: 0.563 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

Tgt Ion:117 Resp: 2417
Ion Ratio Lower Upper
117 100
119 83.0 75.8 113.8
121 27.3 24.6 37.0





#39

Methylcyclohexane

Concen: 0.486 ug/l

RT: 9.463 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072734.D

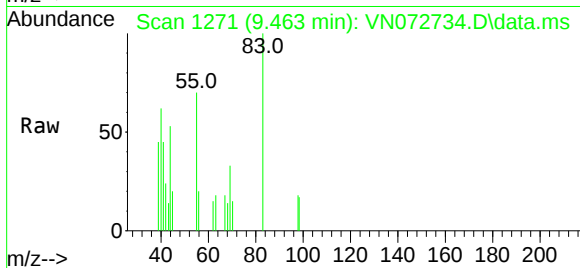
Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



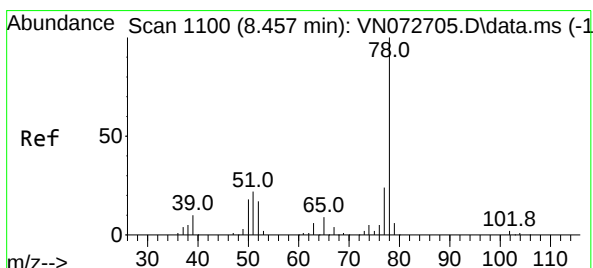
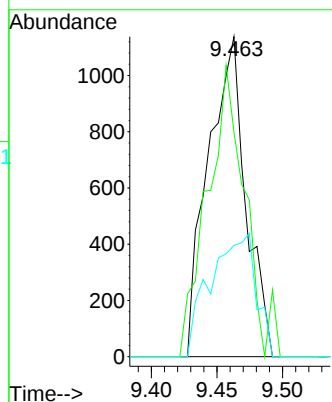
Tgt Ion: 83	Resp: 226
Ion Ratio	Lower Upper
83	100
55	70.2 57.8 86.8
98	34.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#40

Benzene

Concen: 0.502 ug/l

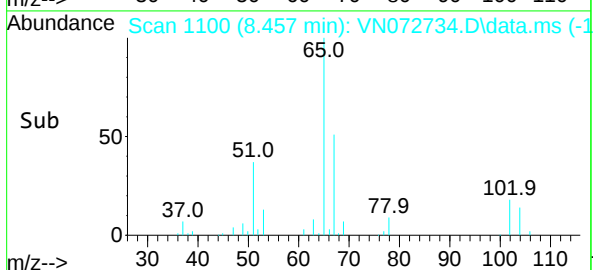
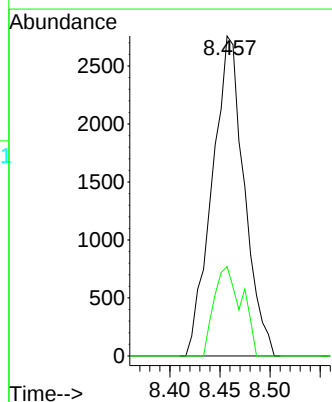
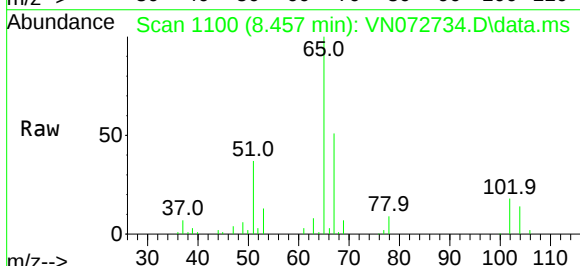
RT: 8.457 min Scan# 1100

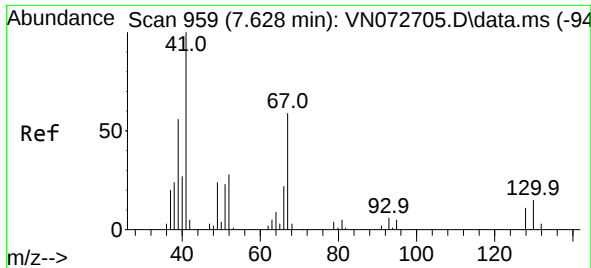
Delta R.T. 0.000 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

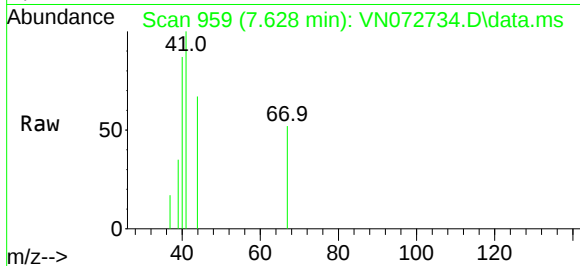
Tgt Ion: 78	Resp: 6129
Ion Ratio	Lower Upper
78	100
77	27.9 19.4 29.0





#41
Methacrylonitrile
Concen: 0.528 ug/l m
RT: 7.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

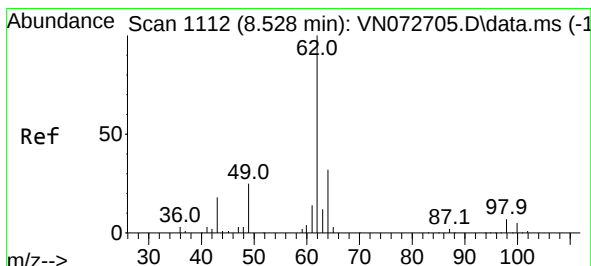
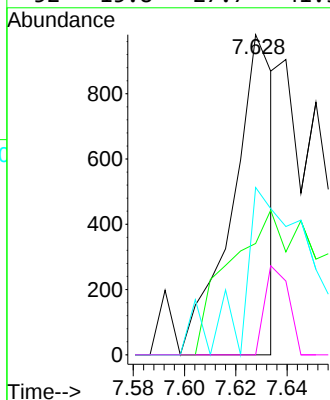
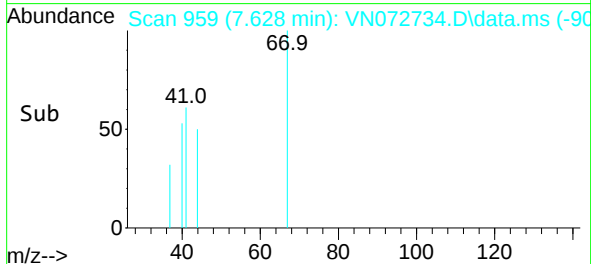
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 41 Resp: 111
Ion Ratio Lower Upper
41 100
39 101.7 48.6 73.0
67 81.7 73.4 110.2
52 15.8 27.7 41.5#

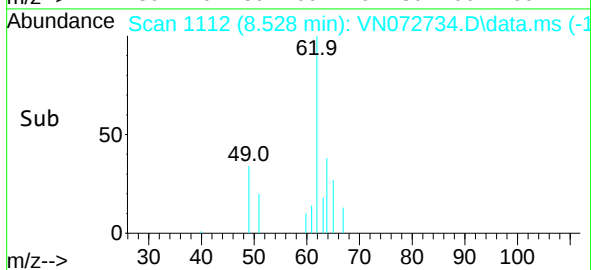
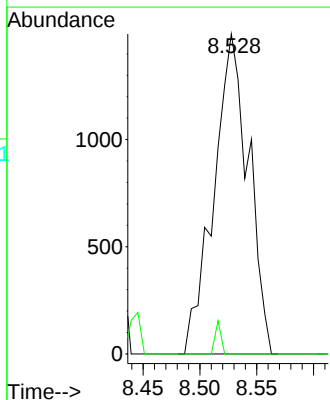
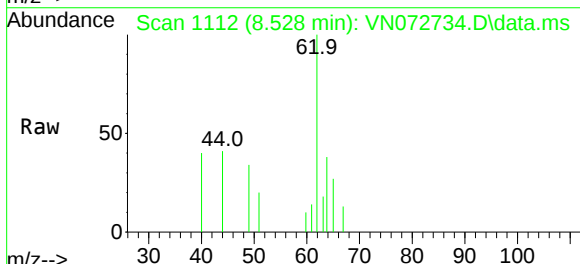
Manual Integrations
APPROVED

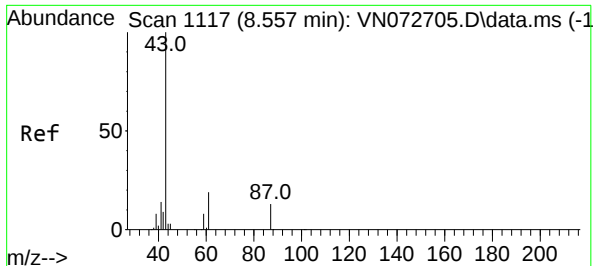
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#42
1,2-Dichloroethane
Concen: 0.630 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

Tgt Ion: 62 Resp: 3185
Ion Ratio Lower Upper
62 100
98 1.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 0.513 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN072734.D

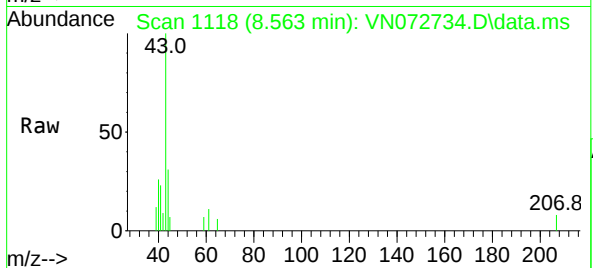
Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



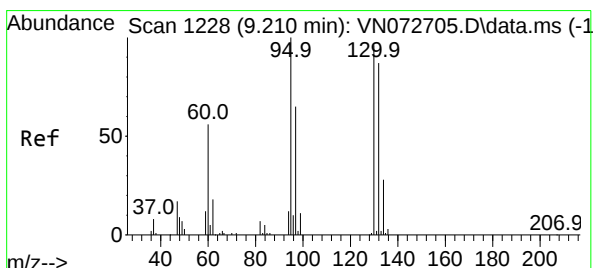
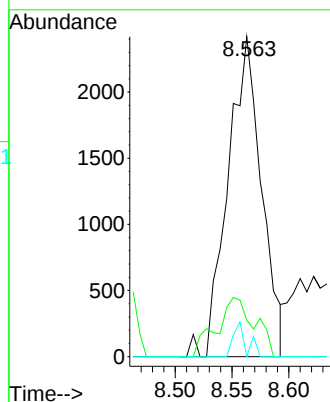
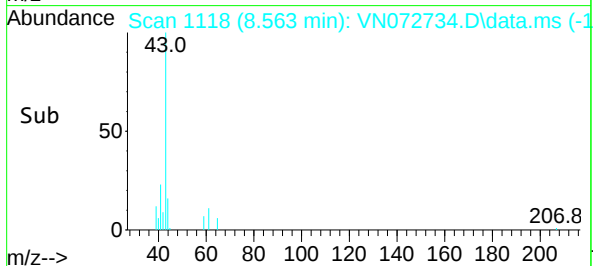
Tgt Ion: 43	Resp: 498
Ion Ratio	Lower Upper
43	100
61	20.8 21.9 32.9
87	4.1 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#44

Trichloroethene

Concen: 0.474 ug/l

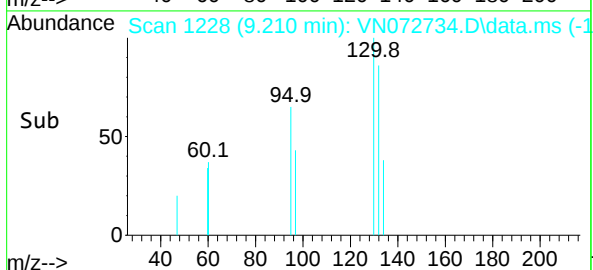
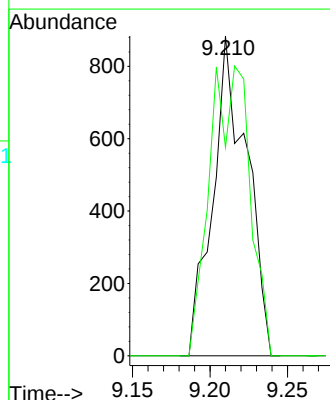
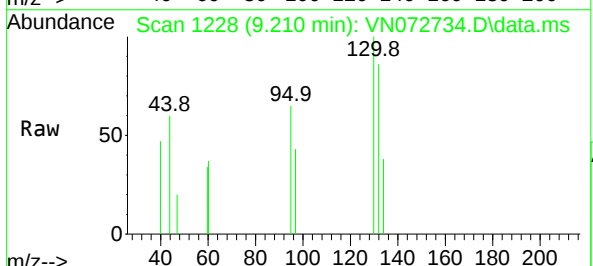
RT: 9.210 min Scan# 1228

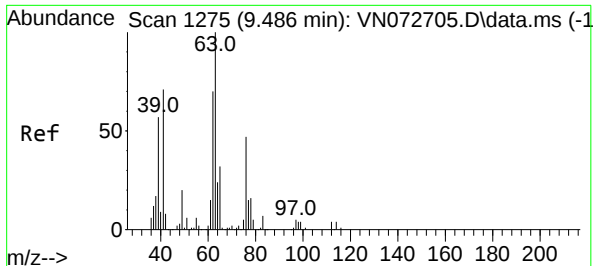
Delta R.T. -0.000 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

Tgt Ion:130	Resp: 1347
Ion Ratio	Lower Upper
130	100
95	65.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.483 ug/l

RT: 9.492 min Scan# 1276

Delta R.T. 0.006 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

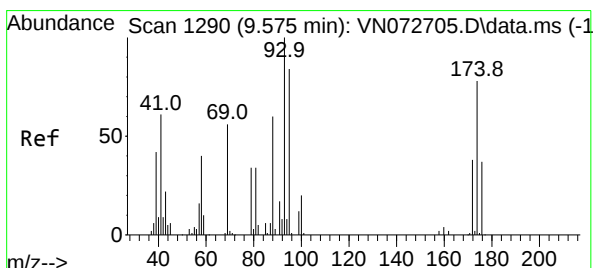
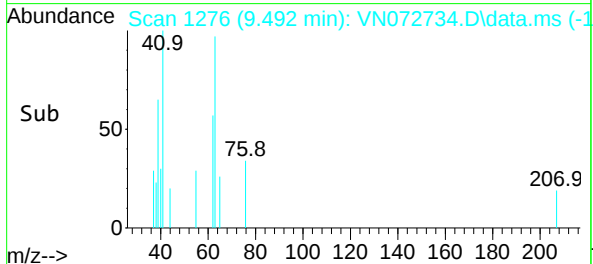
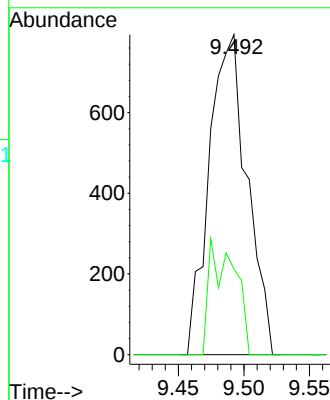
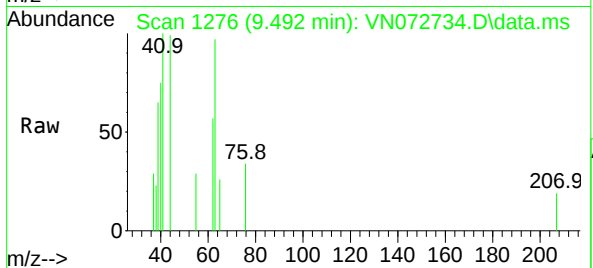
Tgt Ion: 63 Resp: 159
 Ion Ratio Lower Upper
 63 100
 65 26.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#46

Dibromomethane

Concen: 0.504 ug/l

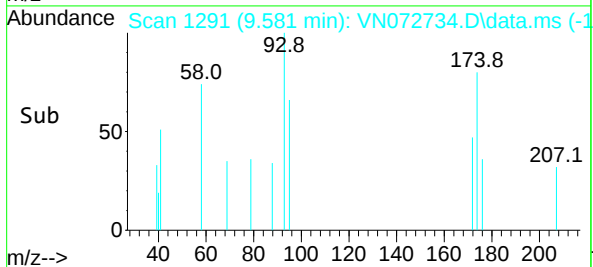
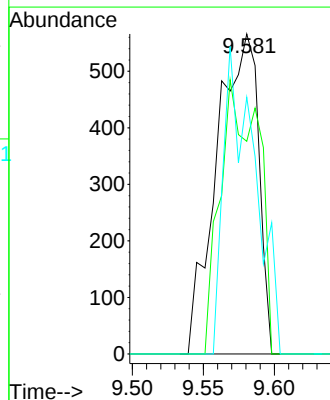
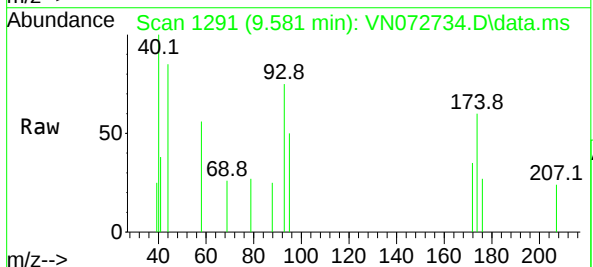
RT: 9.581 min Scan# 1291

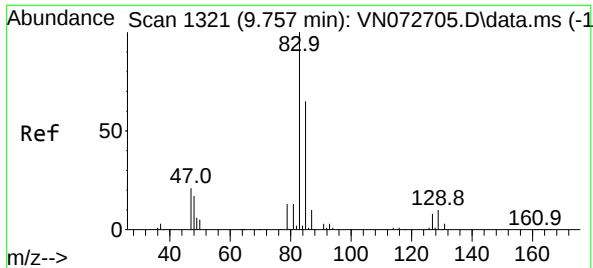
Delta R.T. 0.006 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

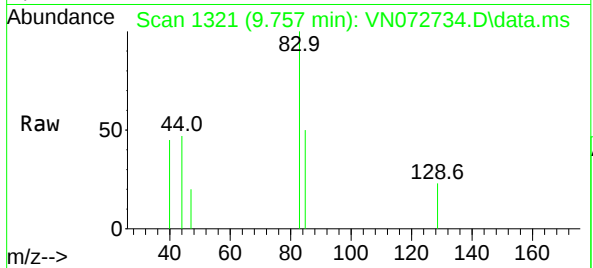
Tgt Ion: 93 Resp: 1161
 Ion Ratio Lower Upper
 93 100
 95 77.9 66.9 100.3
 174 71.8 86.6 130.0#





#47
Bromodichloromethane
Concen: 0.506 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

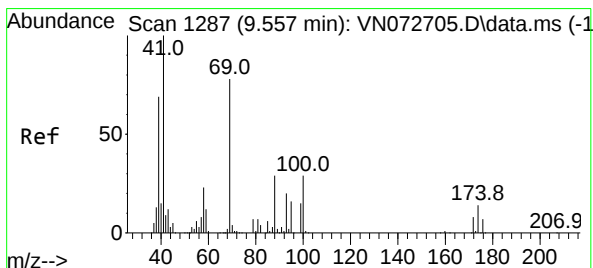
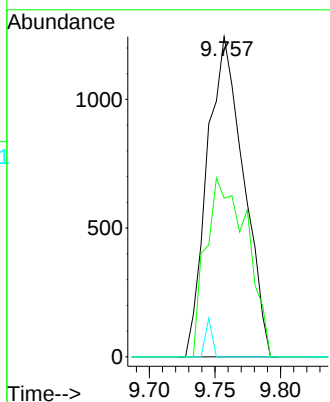
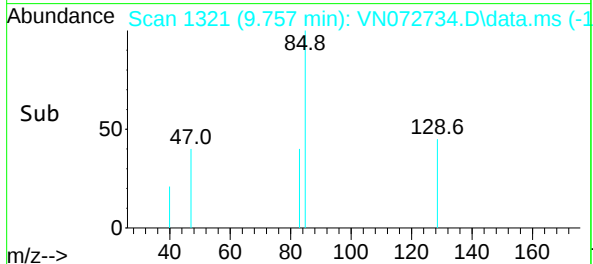
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



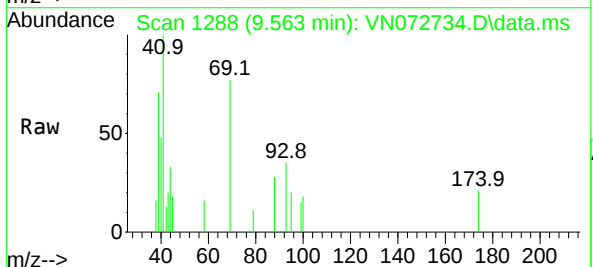
Tgt Ion: 83 Resp: 2399
Ion Ratio Lower Upper
83 100
85 49.5 50.5 75.7
127 0.0 6.8 10.2

Manual Integrations
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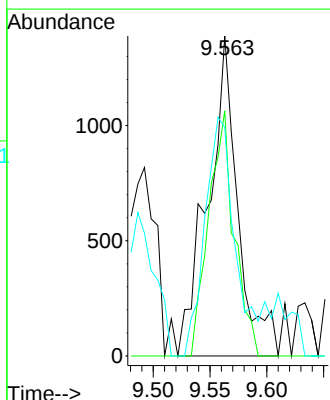
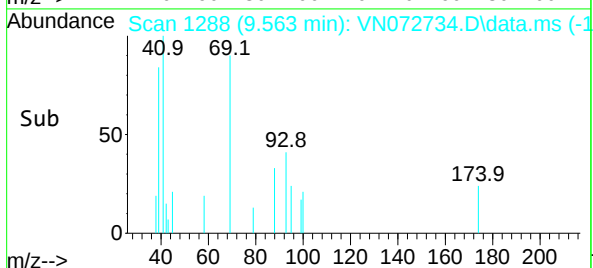
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

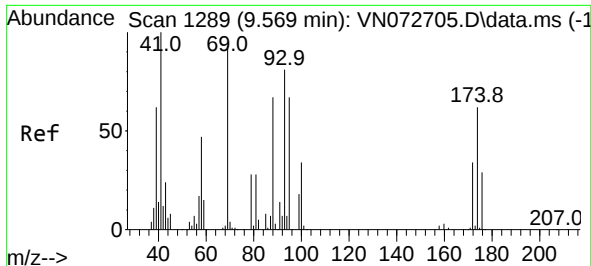


#48
Methyl methacrylate
Concen: 0.554 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



Tgt Ion: 41 Resp: 2551
Ion Ratio Lower Upper
41 100
69 65.5 74.7 112.1#
39 74.4 45.6 68.4#





#49

1,4-Dioxane

Concen: 9.818 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072734.D

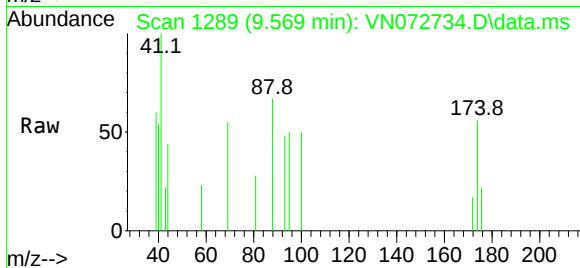
Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



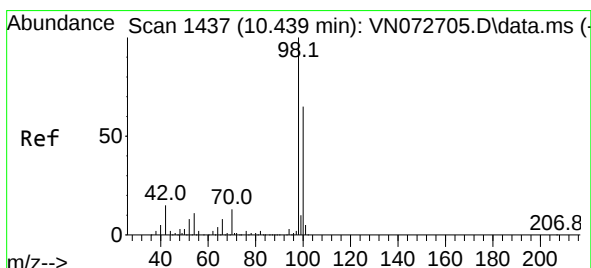
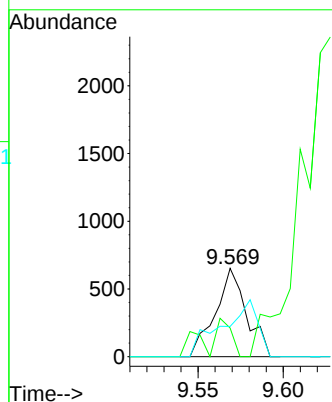
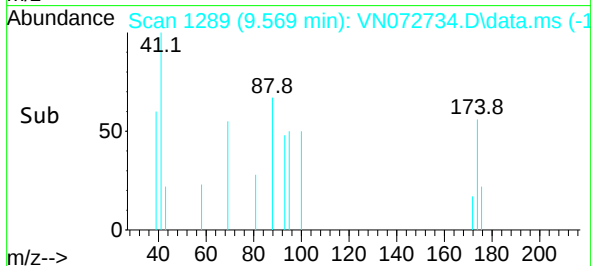
Tgt Ion:	88	Resp:	820
Ion	Ratio	Lower	Upper
88	100		
43	21.1	20.2	30.4
58	74.9	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#50

Toluene-d8

Concen: 48.887 ug/l

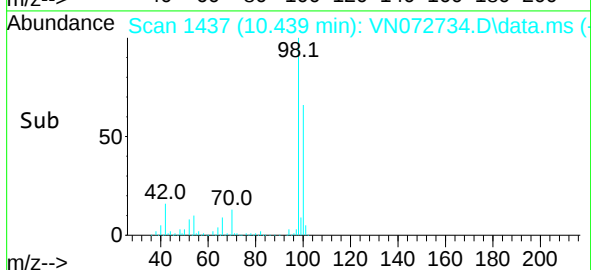
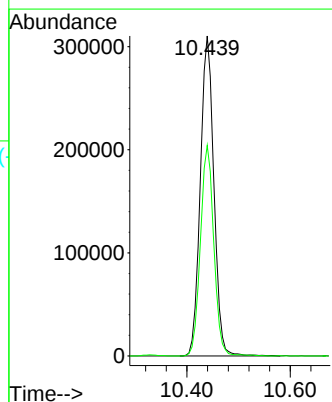
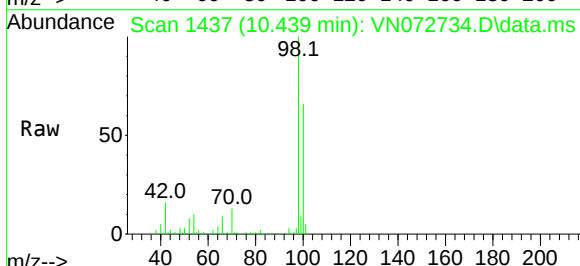
RT: 10.439 min Scan# 1437

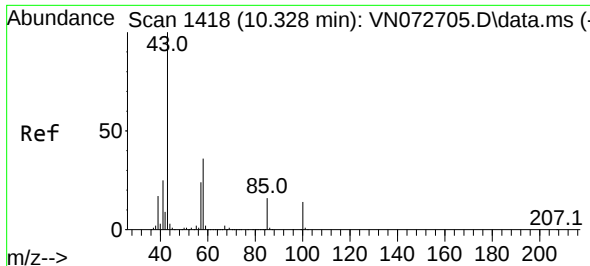
Delta R.T. 0.000 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

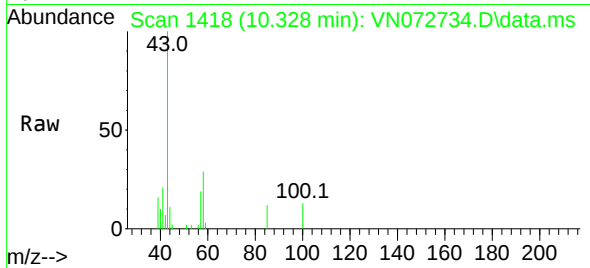
Tgt Ion:	98	Resp:	564953
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 2.342 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

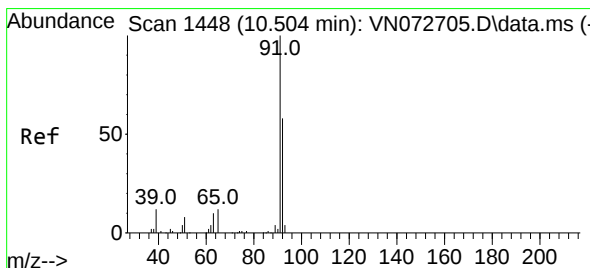
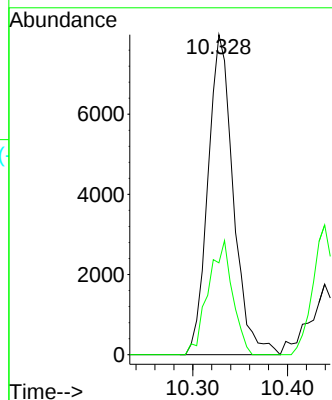
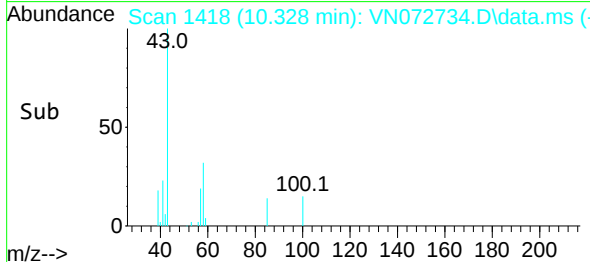
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



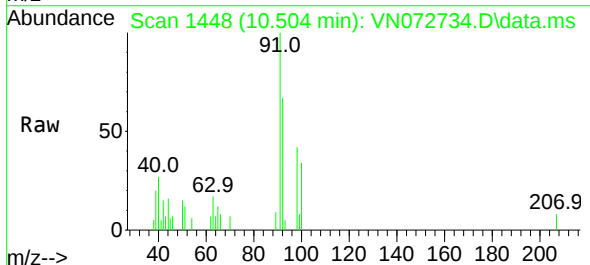
Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 34.4 34.1 51.1

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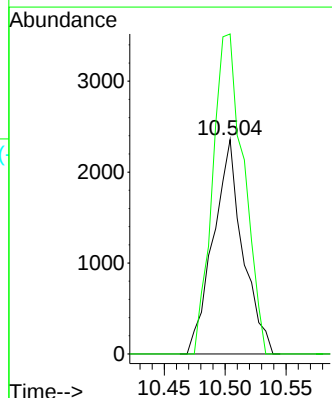
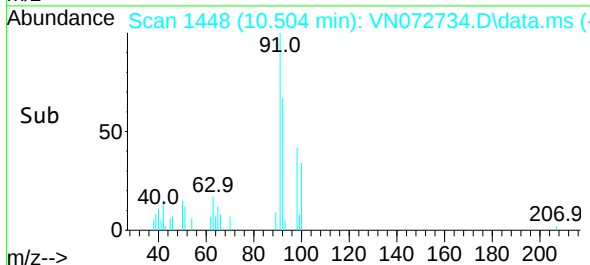
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

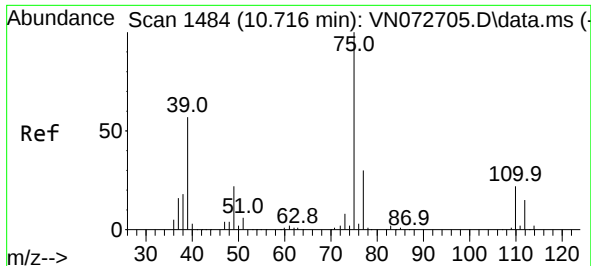


#52
Toluene
Concen: 0.523 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



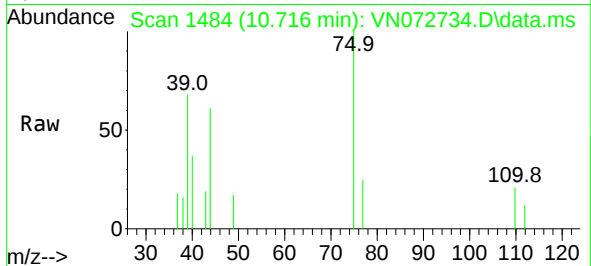
Tgt Ion: 92 Resp: 3986
Ion Ratio Lower Upper
92 100
91 156.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 0.405 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

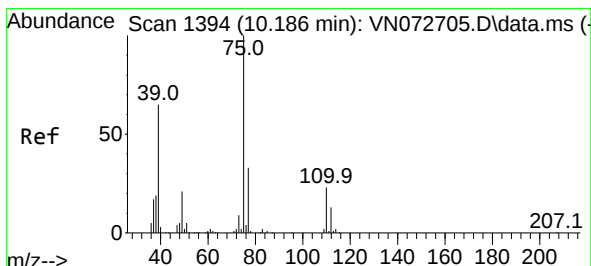
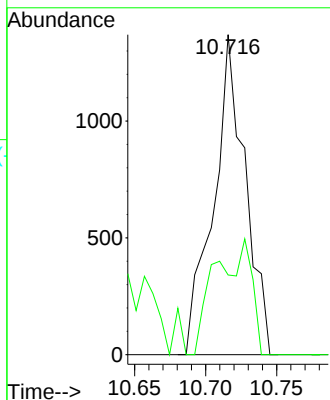
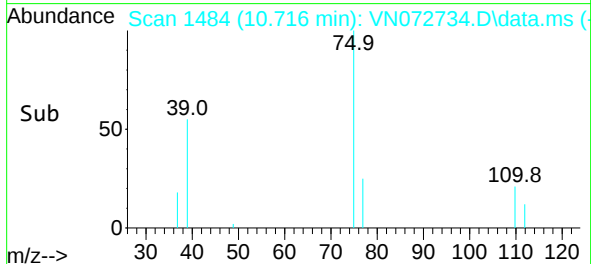
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



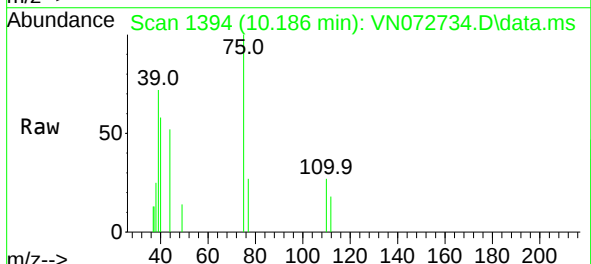
Tgt Ion: 75 Resp: 2129
Ion Ratio Lower Upper
75 100
77 24.9 25.6 38.4

Manual Integrations
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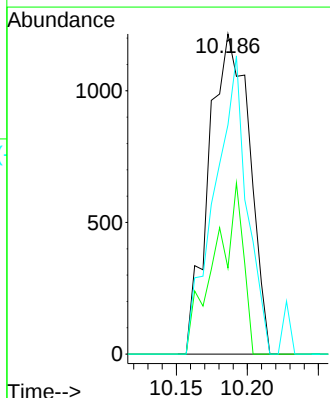
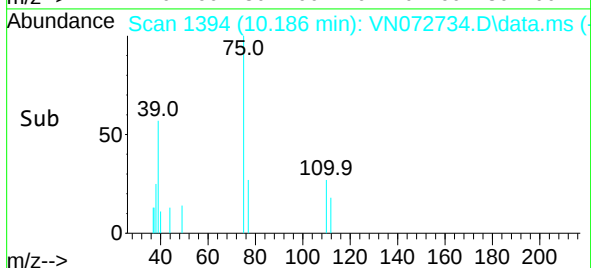
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

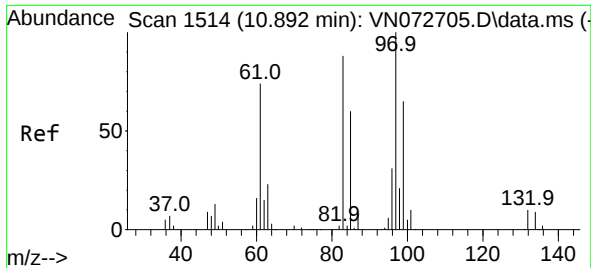


#54
cis-1,3-Dichloropropene
Concen: 0.444 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



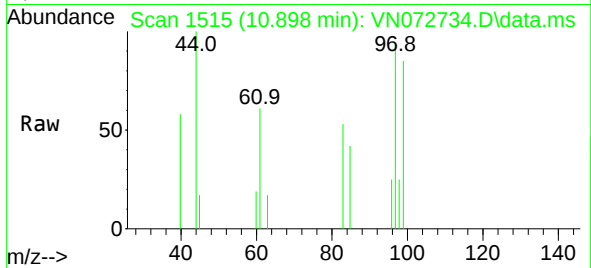
Tgt Ion: 75 Resp: 2414
Ion Ratio Lower Upper
75 100
77 26.9 25.2 37.8
39 71.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 0.462 ug/l
RT: 10.898 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

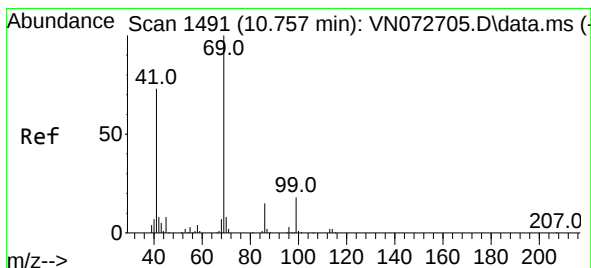
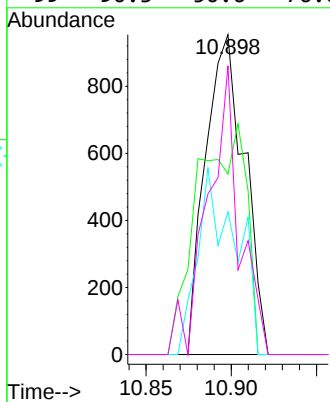
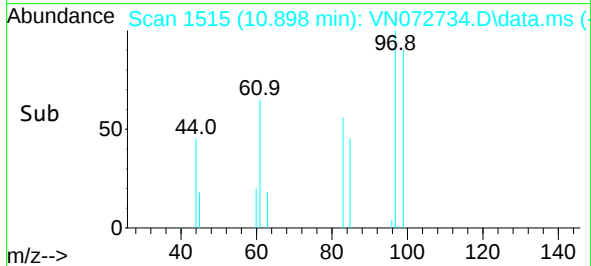
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



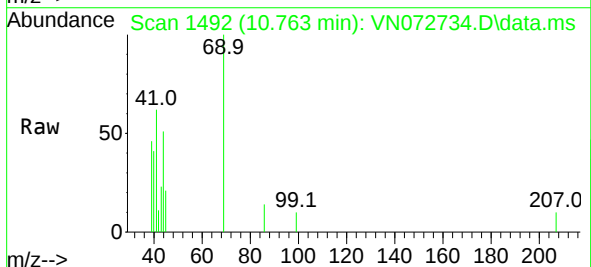
Tgt Ion: 97 Resp: 1518
Ion Ratio Lower Upper
97 100
83 56.5 66.2 99.4#
85 44.7 43.9 65.9#
99 90.3 50.6 76.0#

Manual Integrations
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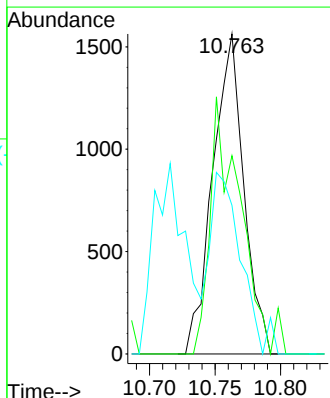
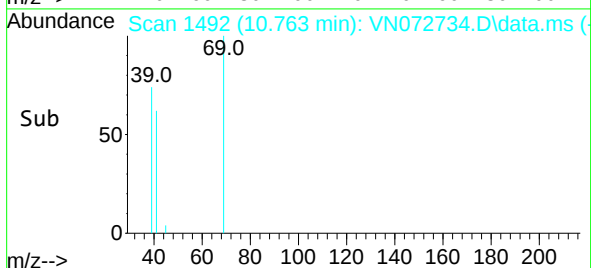
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

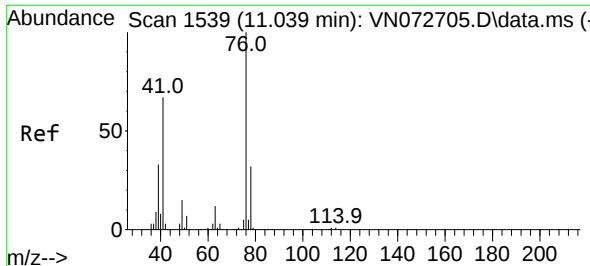


#56
Ethyl methacrylate
Concen: 0.443 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



Tgt Ion: 69 Resp: 2574
Ion Ratio Lower Upper
69 100
41 76.1 47.8 71.6#
39 56.8 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 0.459 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

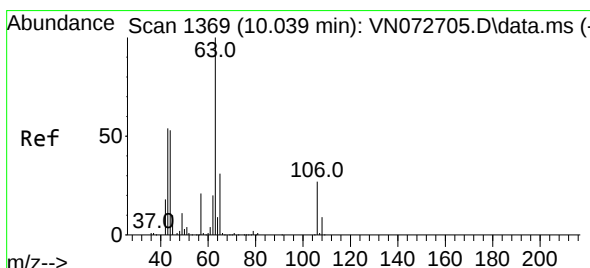
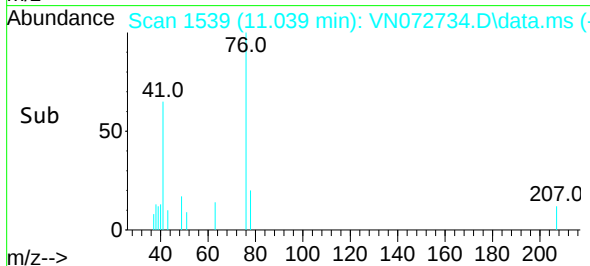
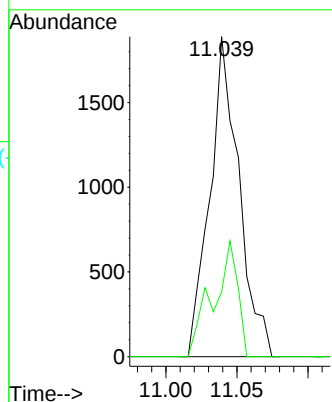
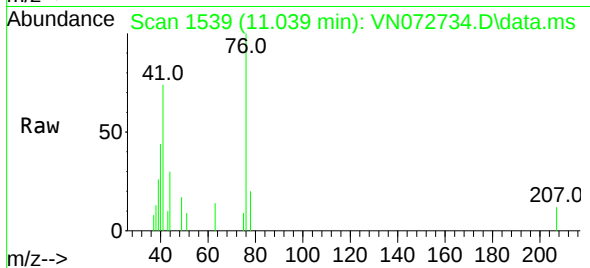
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 76 Resp: 2692
 Ion Ratio Lower Upper
 76 100
 78 30.5 26.2 39.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#58

2-Chloroethyl Vinyl ether

Concen: 1.921 ug/l

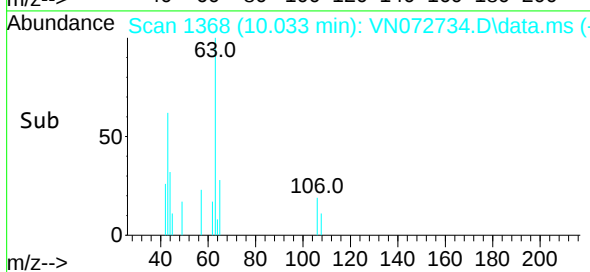
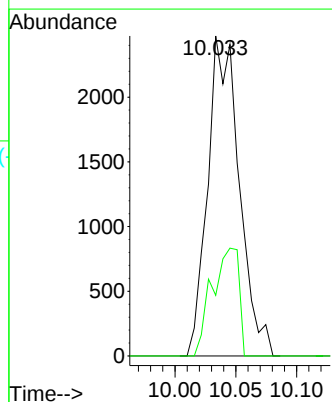
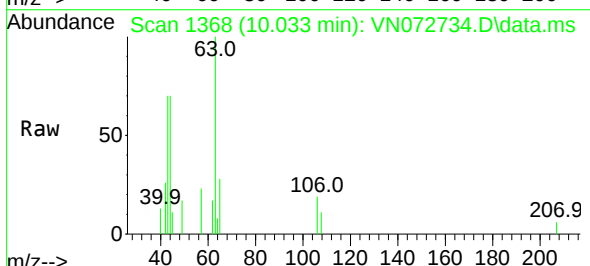
RT: 10.033 min Scan# 1368

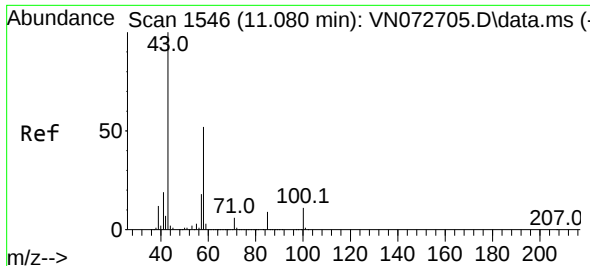
Delta R.T. -0.006 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

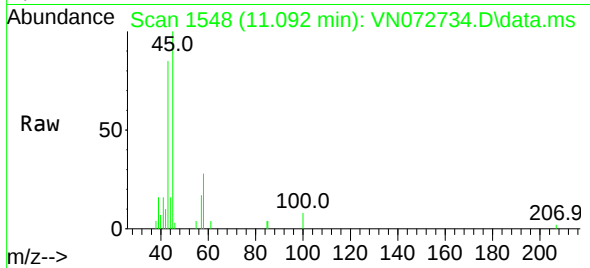
Tgt Ion: 63 Resp: 4452
 Ion Ratio Lower Upper
 63 100
 106 28.8 24.6 36.8





#59
2-Hexanone
Concen: 3.334 ug/l
RT: 11.092 min Scan# 1553
Delta R.T. 0.012 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

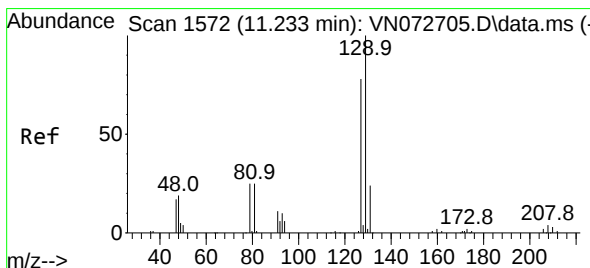
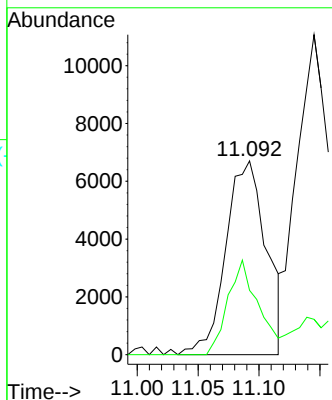
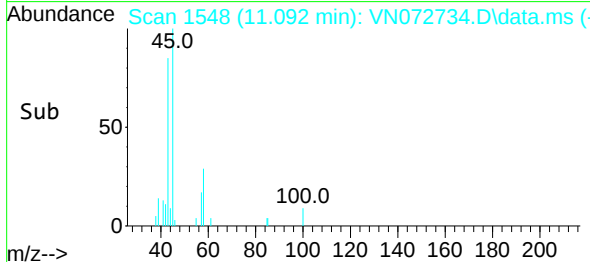
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 1553
Ion Ratio Lower Upper
43 100
58 36.5 29.7 89.1

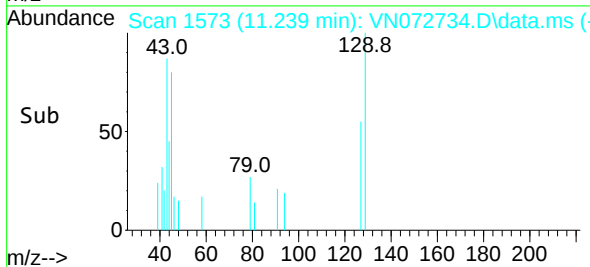
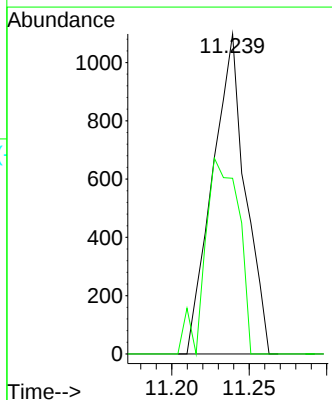
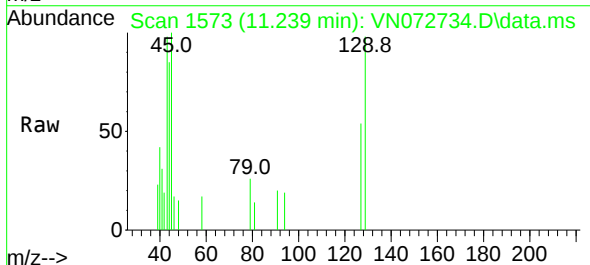
Manual Integrations
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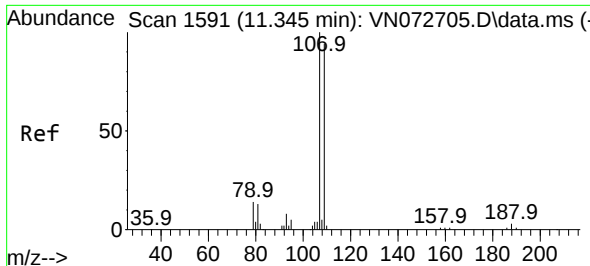
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#60
Dibromochloromethane
Concen: 0.474 ug/l
RT: 11.239 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

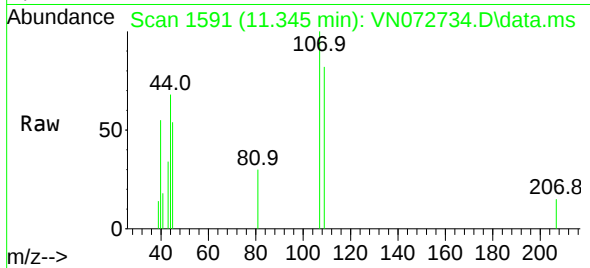
Tgt Ion:129 Resp: 1617
Ion Ratio Lower Upper
129 100
127 62.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.500 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

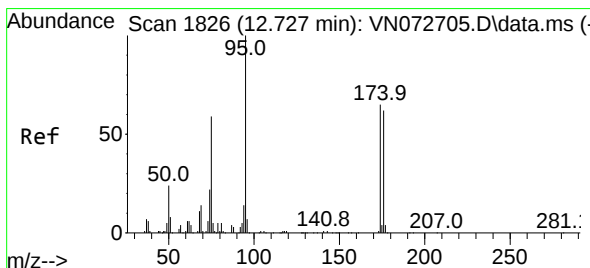
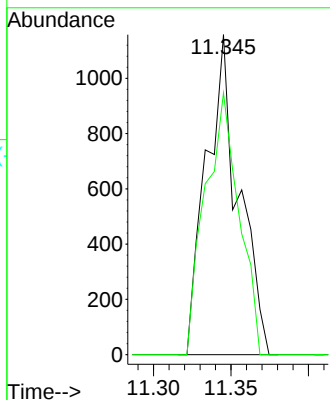
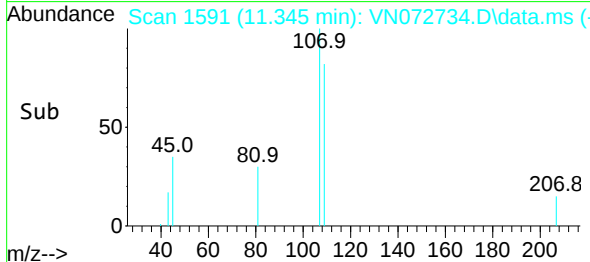
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



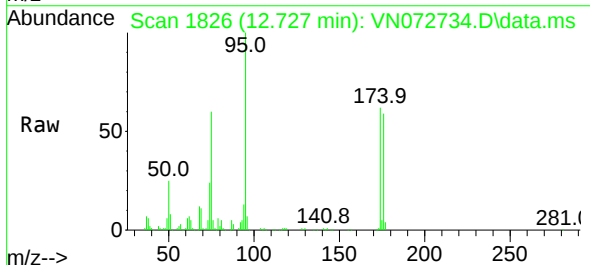
Tgt Ion:107 Resp: 1683
Ion Ratio Lower Upper
107 100
109 85.0 75.0 112.6

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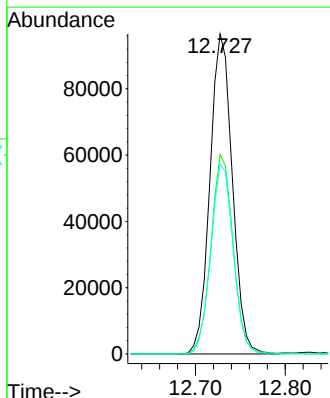
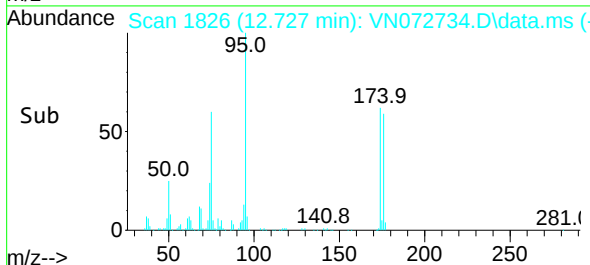
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

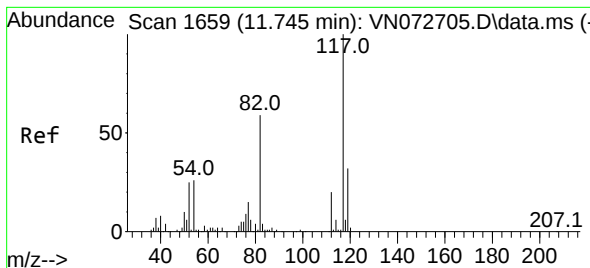


#62
4-Bromofluorobenzene
Concen: 42.200 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



Tgt Ion: 95 Resp: 167344
Ion Ratio Lower Upper
95 100
174 61.6 0.0 167.6
176 59.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.745 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VN072734.D

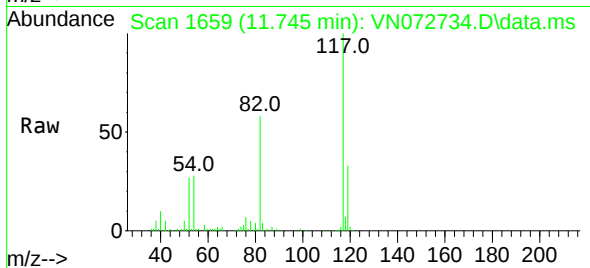
Acq: 09 Jun 2022 16:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:117 Resp: 279630

Ion Ratio Lower Upper

117 100

82 58.2 44.2 66.2

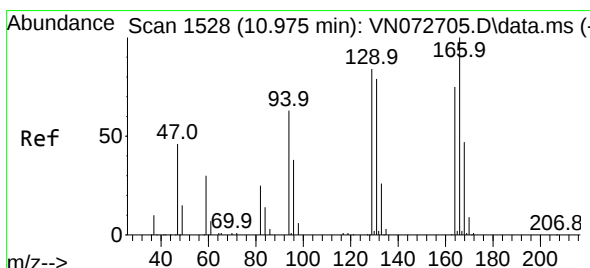
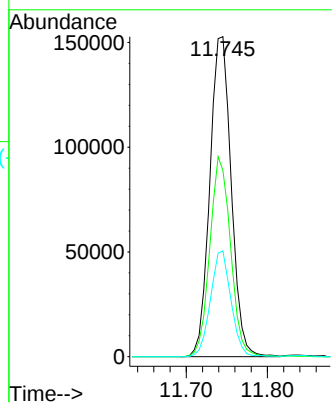
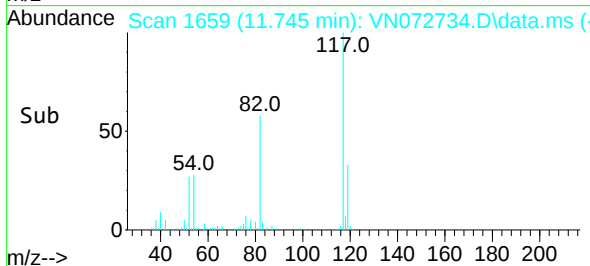
119 33.1 25.4 38.0

Manual Integrations

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Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#64

Tetrachloroethene

Concen: 0.515 ug/l

RT: 10.975 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VN072734.D

Acq: 09 Jun 2022 16:40

Tgt Ion:164 Resp: 1212

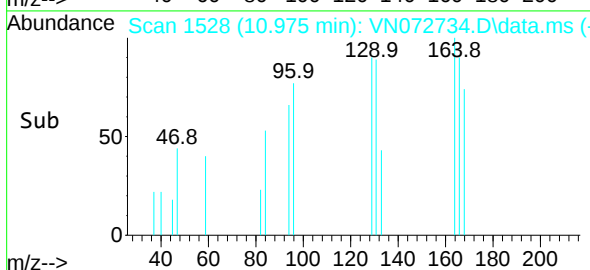
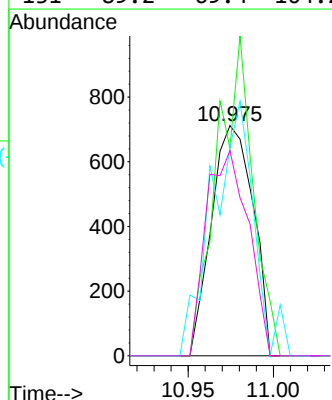
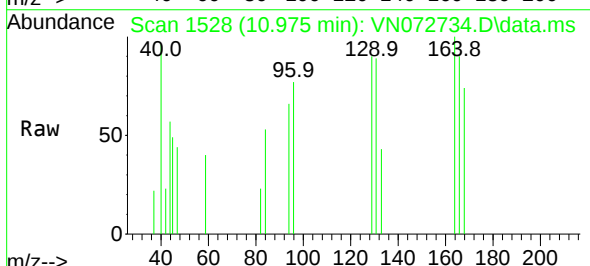
Ion Ratio Lower Upper

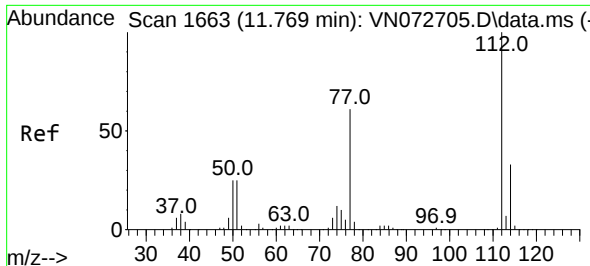
164 100

166 90.3 104.2 156.2#

129 90.4 73.9 110.9

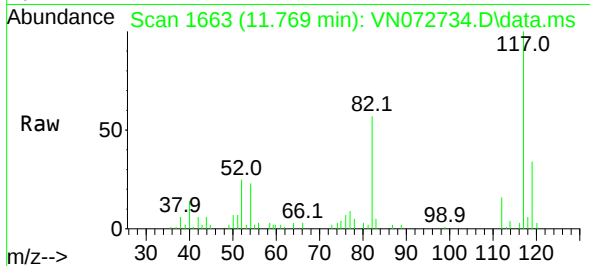
131 89.2 69.4 104.2





#65
Chlorobenzene
Concen: 0.494 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

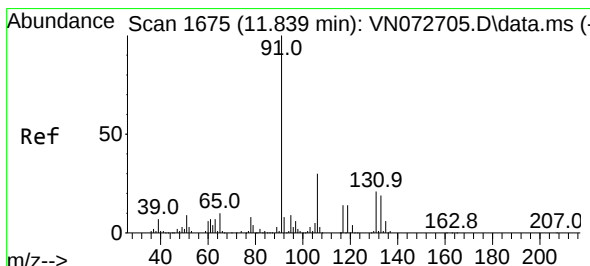
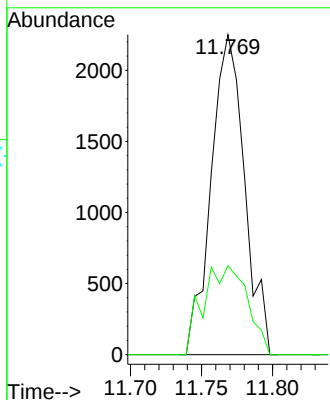
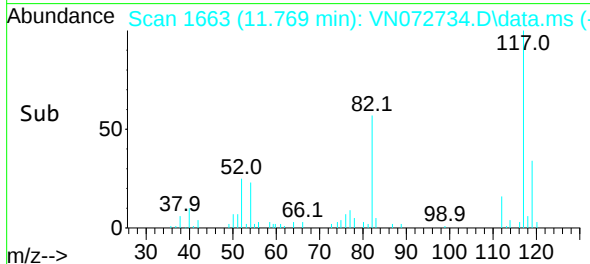
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



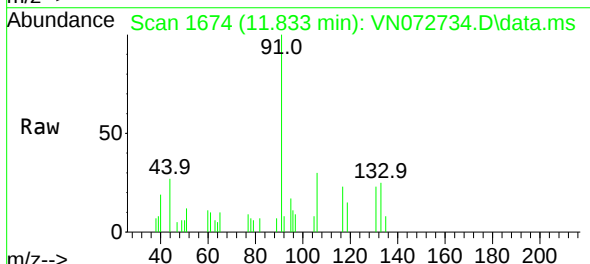
Tgt Ion:112 Resp: 3684
Ion Ratio Lower Upper
112 100
114 27.8 25.4 38.2

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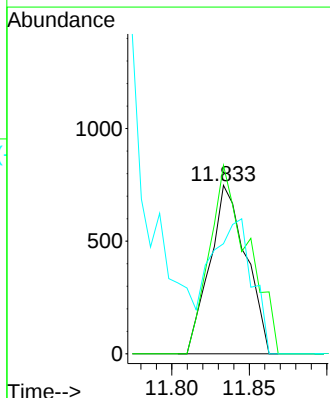
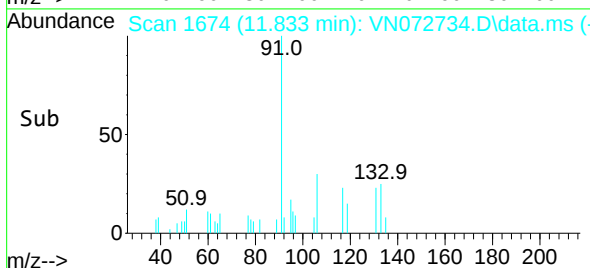
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

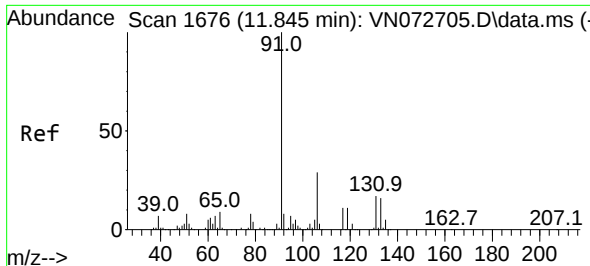


#66
1,1,1,2-Tetrachloroethane
Concen: 0.410 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



Tgt Ion:131 Resp: 1215
Ion Ratio Lower Upper
131 100
133 119.4 47.8 143.4
119 0.0 33.4 100.2#





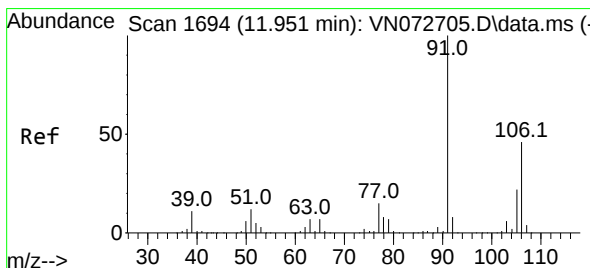
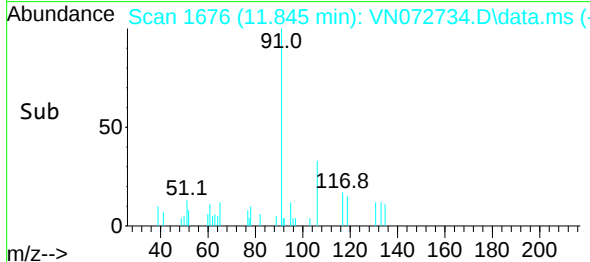
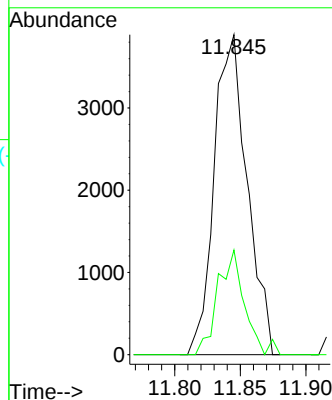
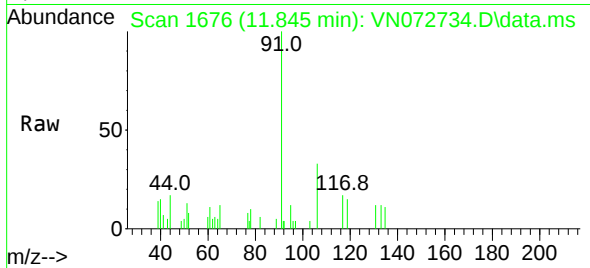
#67
Ethyl Benzene
Concen: 0.485 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

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

Tgt Ion: 91 Resp: 6789
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

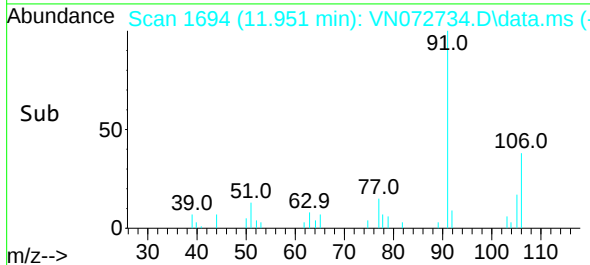
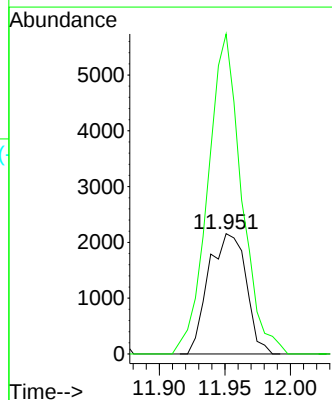
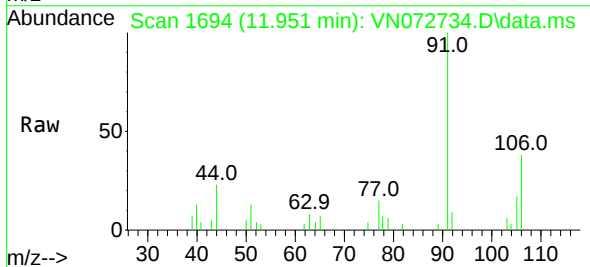
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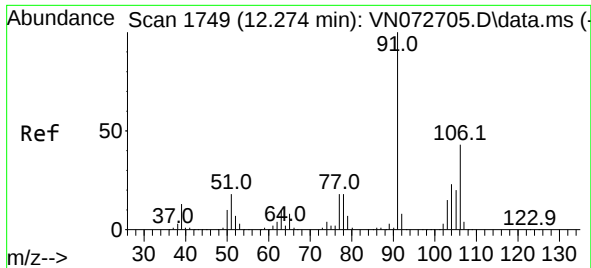
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#68
m/p-Xylenes
Concen: 0.863 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

Tgt Ion:106 Resp: 4296
Ion Ratio Lower Upper
106 100
91 238.7 158.9 238.3#





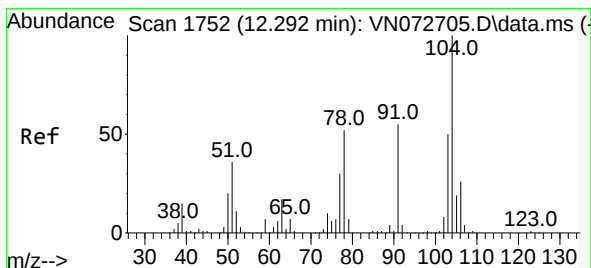
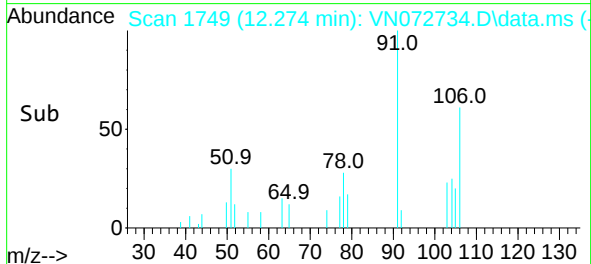
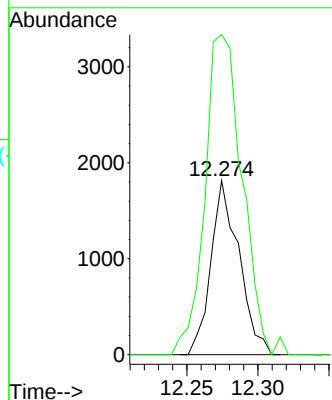
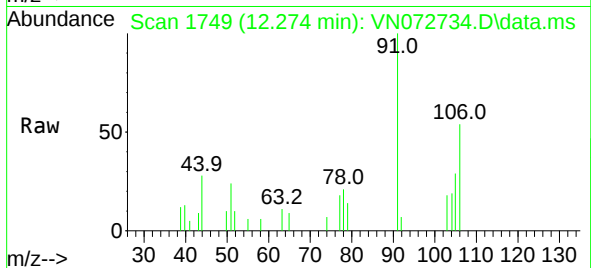
#69
o-Xylene
Concen: 0.499 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

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

Tgt Ion:106 Resp: 2498
Ion Ratio Lower Upper
106 100
91 244.4 106.0 318.0

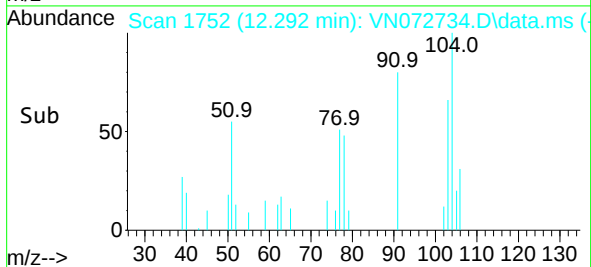
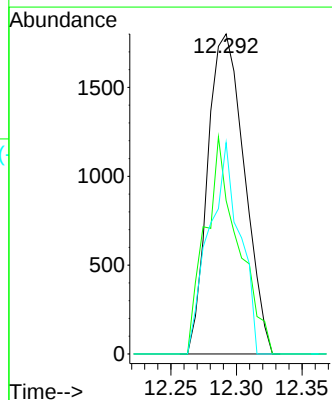
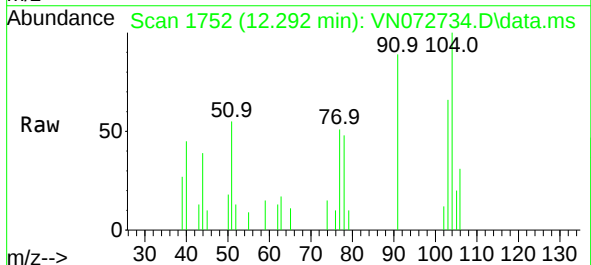
Manual Integrations
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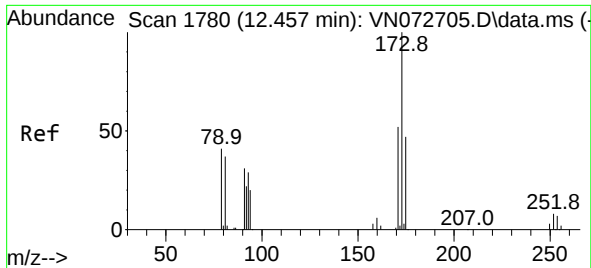
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#70
Styrene
Concen: 0.444 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

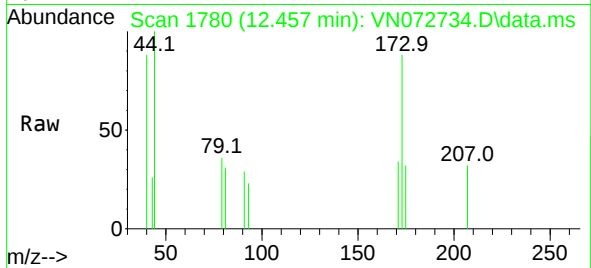
Tgt Ion:104 Resp: 3494
Ion Ratio Lower Upper
104 100
78 61.0 39.5 59.3#
103 55.5 44.0 66.0





#71
Bromoform
Concen: 0.472 ug/l
RT: 12.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

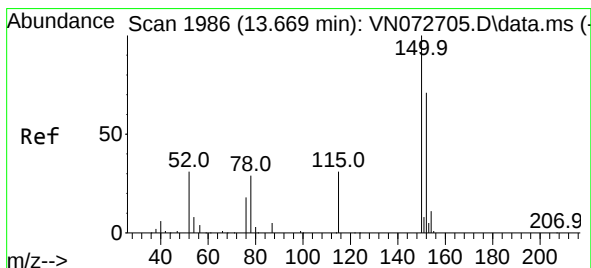
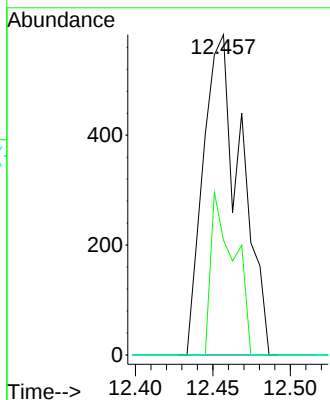
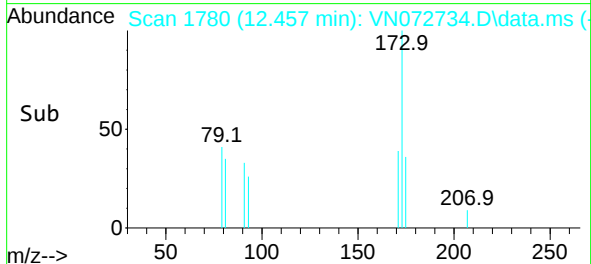
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



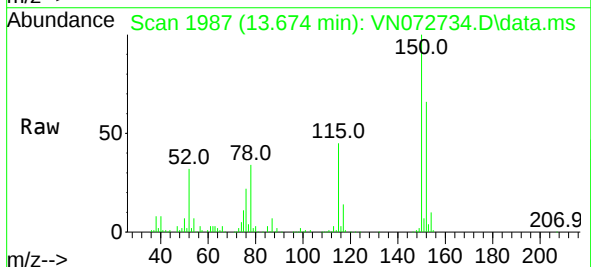
Tgt Ion:173 Resp: 98
Ion Ratio Lower Upper
173 100
175 31.4 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
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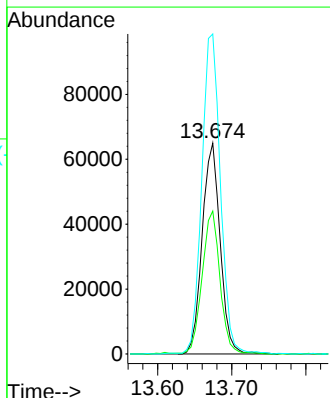
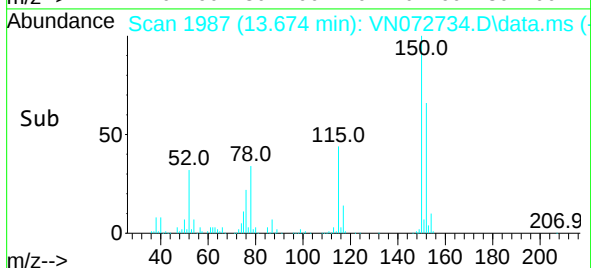
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

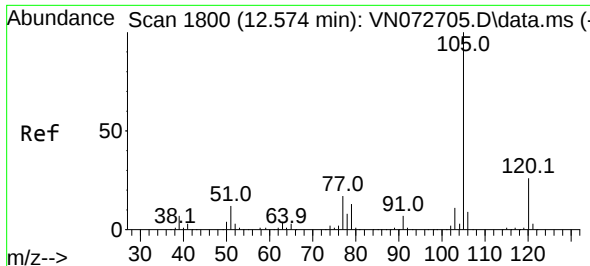


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



Tgt Ion:152 Resp: 109625
Ion Ratio Lower Upper
152 100
115 67.4 28.9 86.7
150 157.5 0.0 356.2





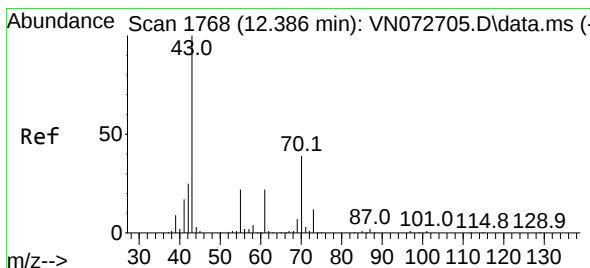
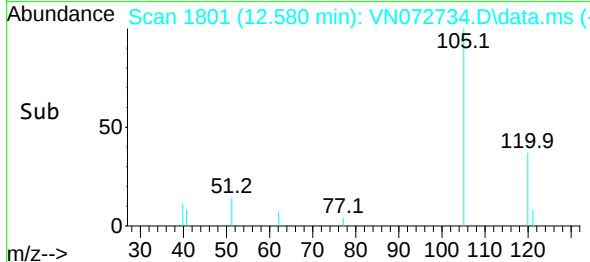
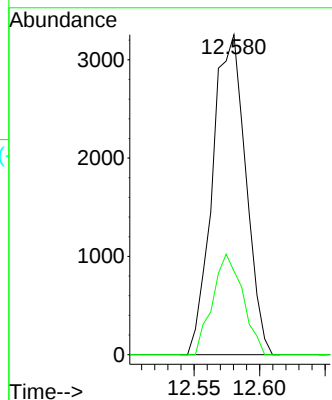
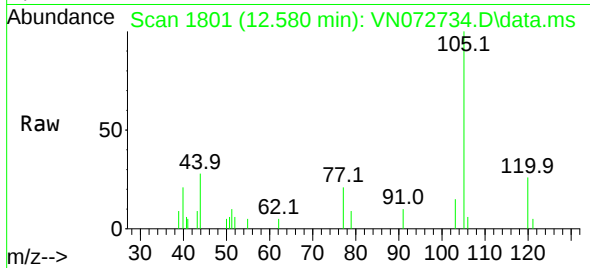
#73
Isopropylbenzene
Concen: 0.488 ug/l
RT: 12.580 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

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

Tgt Ion:105 Resp: 573
Ion Ratio Lower Upper
105 100
120 28.5 13.5 40.4

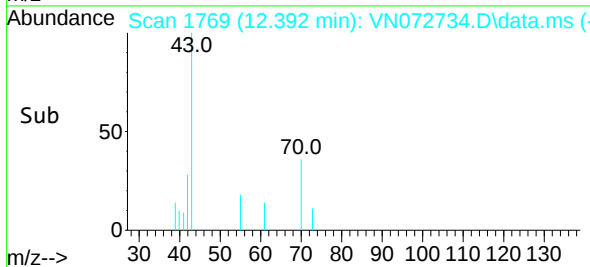
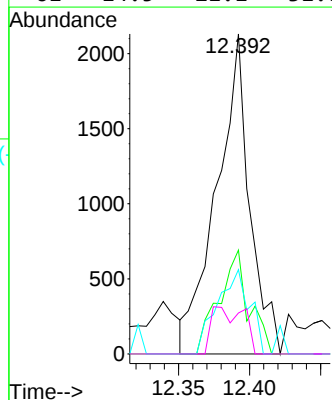
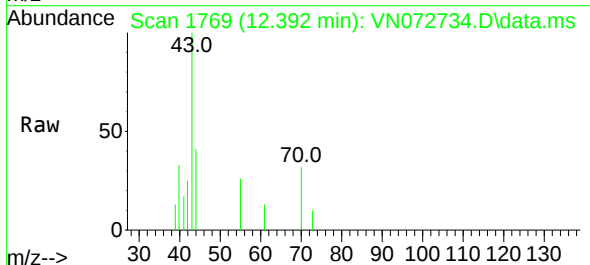
Manual Integrations
APPROVED

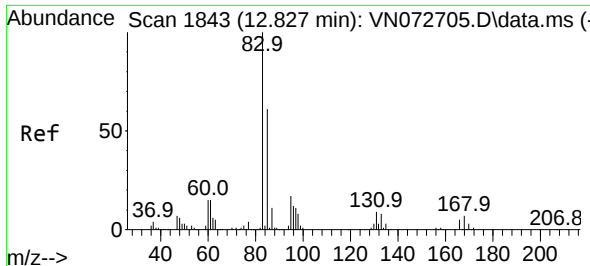
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#74
N-ethyl acetate
Concen: 0.627 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

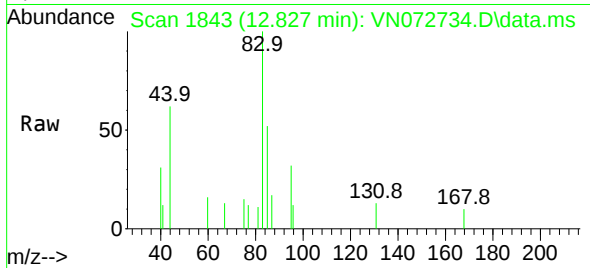
Tgt Ion: 43 Resp: 3426
Ion Ratio Lower Upper
43 100
70 29.7 39.0 58.4#
55 26.0 21.1 31.7
61 14.5 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.550 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

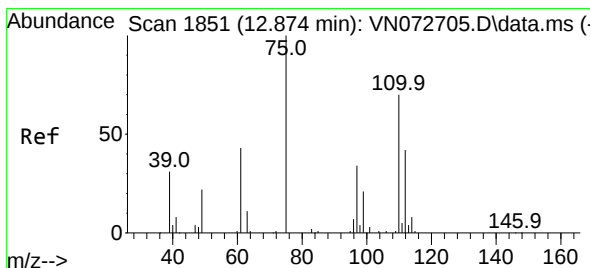
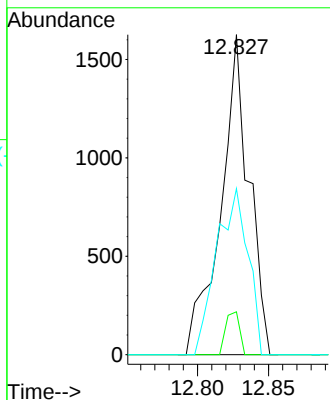
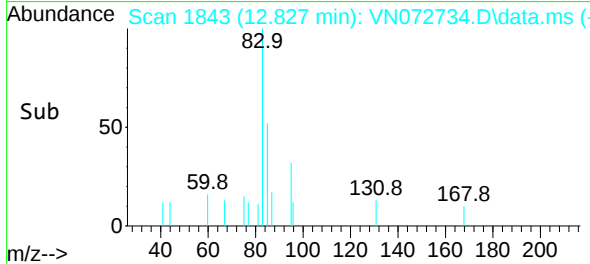
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 83 Resp: 224
Ion Ratio Lower Upper
83 100
131 6.5 5.3 15.9
85 57.9 32.3 96.9

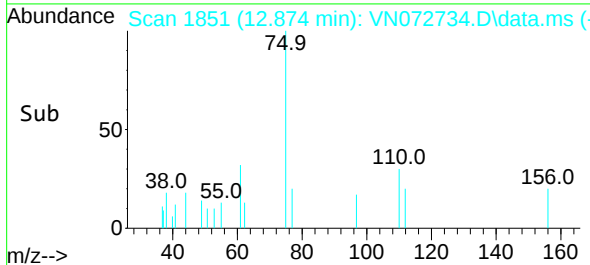
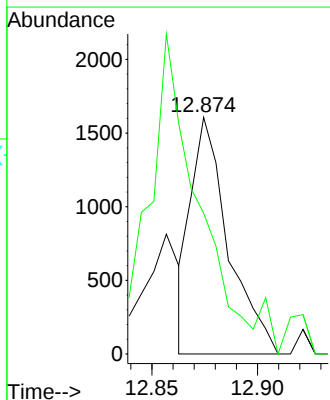
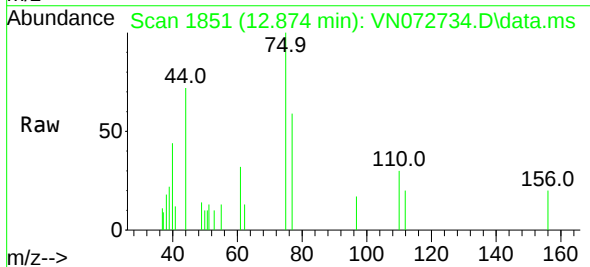
Manual Integrations
APPROVED

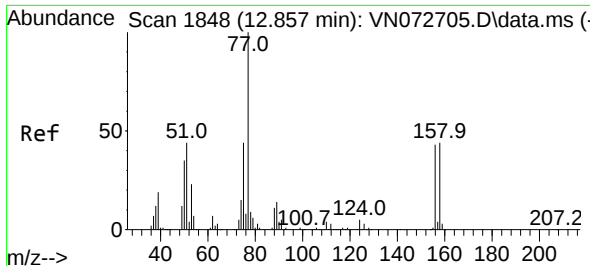
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#76
1,2,3-Trichloropropane
Concen: 0.557 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

Tgt Ion: 75 Resp: 1970
Ion Ratio Lower Upper
75 100
77 189.1 98.5 295.5





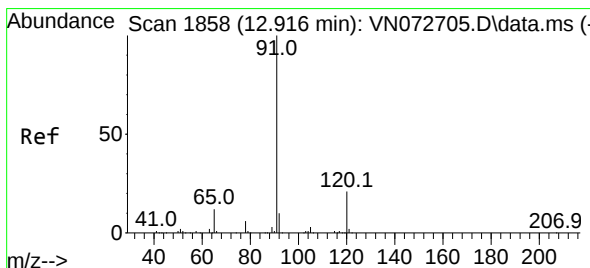
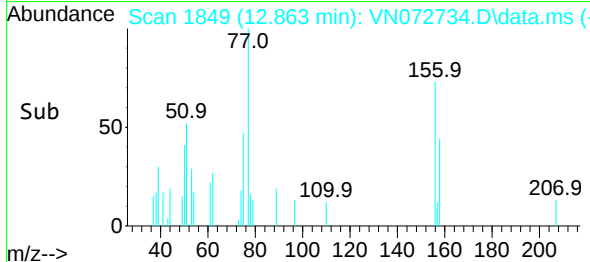
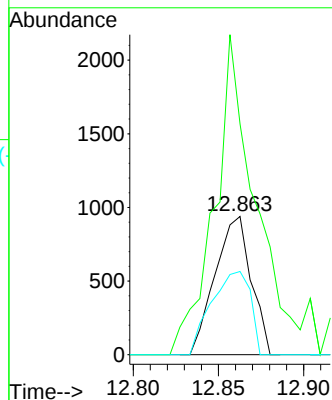
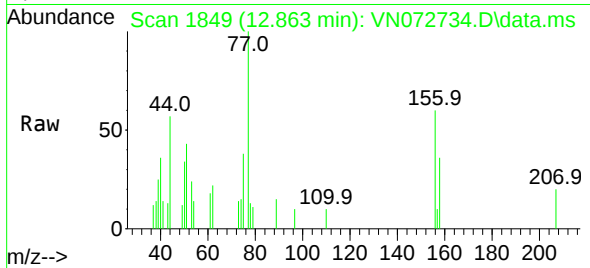
#77
Bromobenzene
Concen: 0.596 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

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

Tgt Ion:156 Resp: 138
Ion Ratio Lower Upper
156 100
77 269.5 100.5 301.5
158 65.1 48.9 146.6

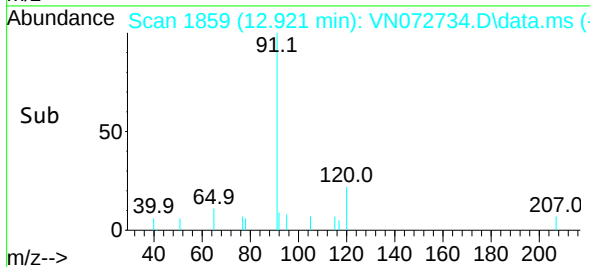
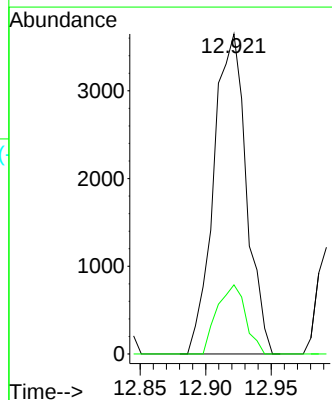
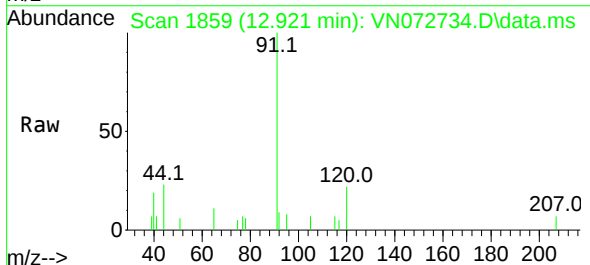
Manual Integrations
APPROVED

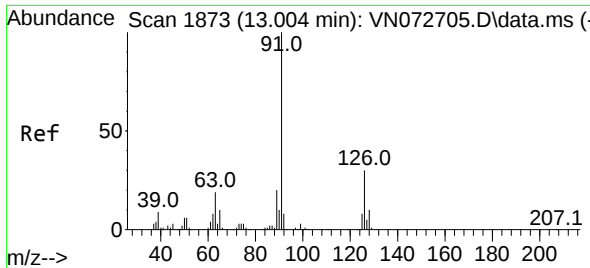
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#78
n-propylbenzene
Concen: 0.493 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

Tgt Ion: 91 Resp: 6329
Ion Ratio Lower Upper
91 100
120 18.9 11.9 35.5





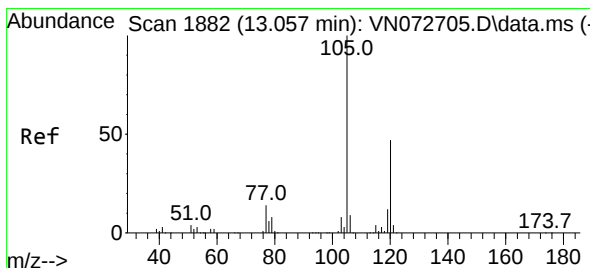
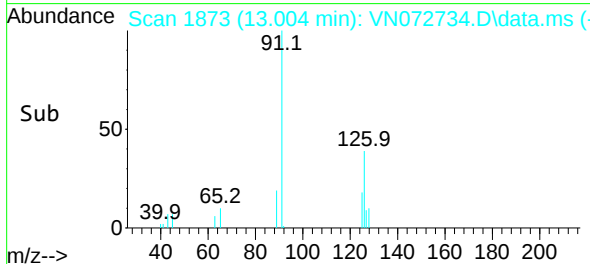
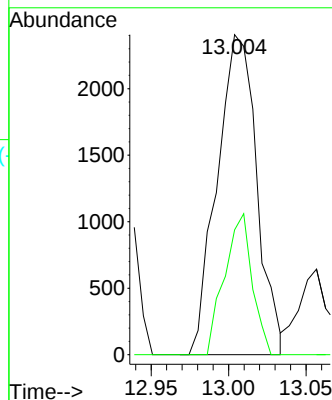
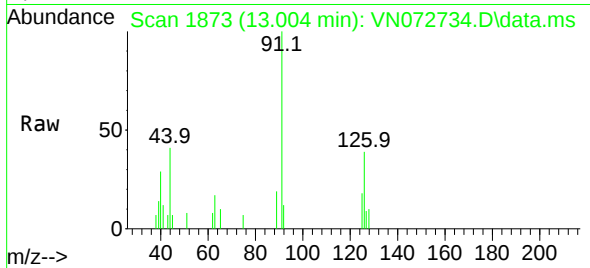
#79
2-Chlorotoluene
Concen: 0.532 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

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

Tgt Ion: 91 Resp: 4280
Ion Ratio Lower Upper
91 100
126 30.7 17.3 51.9

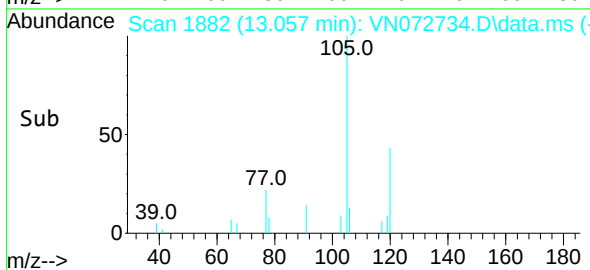
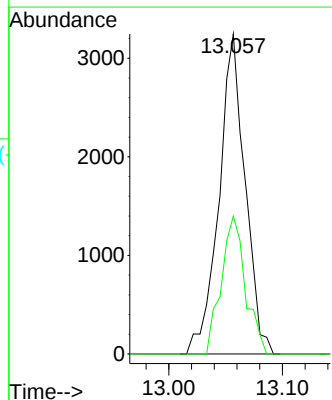
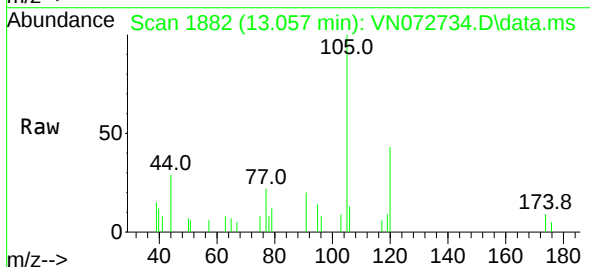
Manual Integrations
APPROVED

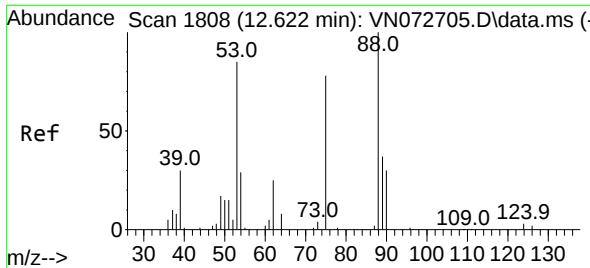
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.556 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

Tgt Ion:105 Resp: 5181
Ion Ratio Lower Upper
105 100
120 39.8 24.9 74.7





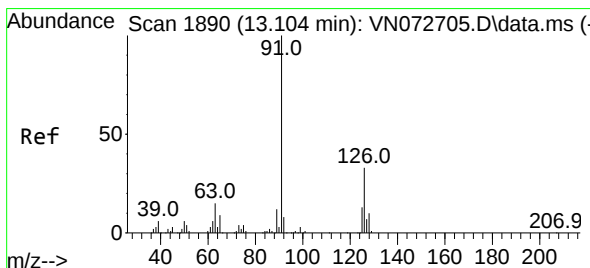
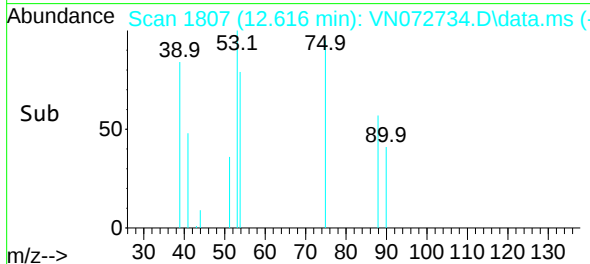
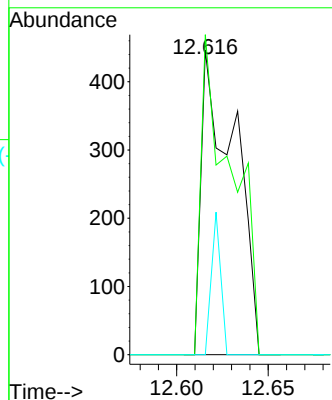
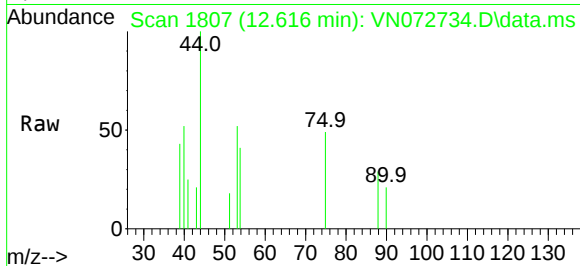
#81
trans-1,4-Dichloro-2-butene
Concen: 0.416 ug/l m
RT: 12.616 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

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

Tgt Ion: 75 Resp: 561
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 37.2 55.8

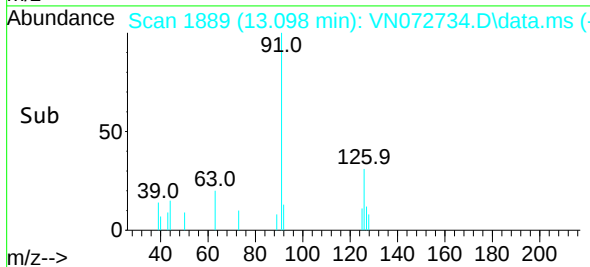
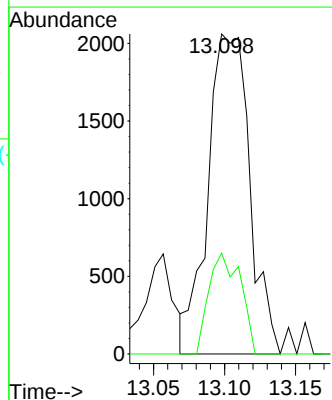
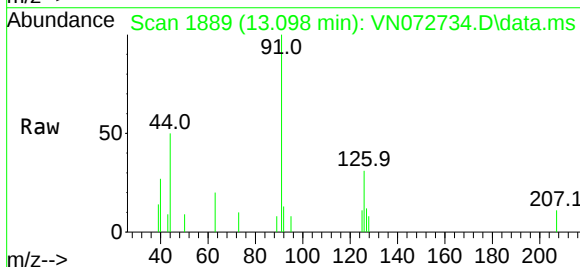
Manual Integrations
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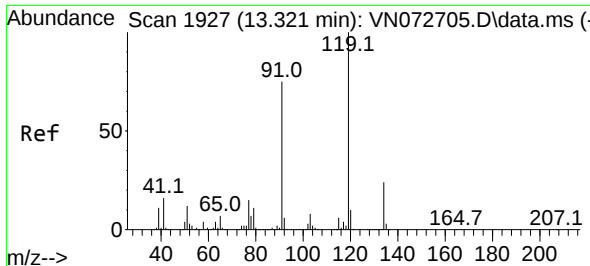
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#82
4-Chlorotoluene
Concen: 0.566 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

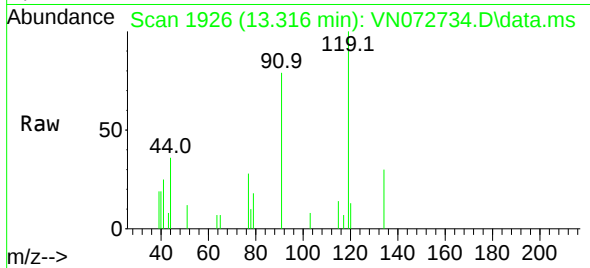
Tgt Ion: 91 Resp: 4210
Ion Ratio Lower Upper
91 100
126 23.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 0.530 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.005 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

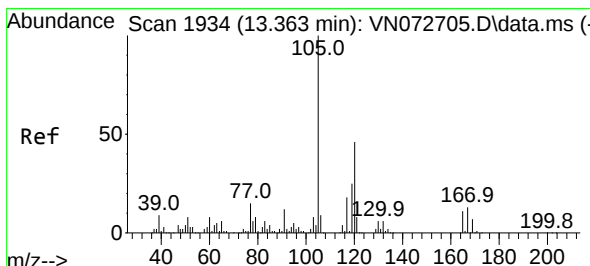
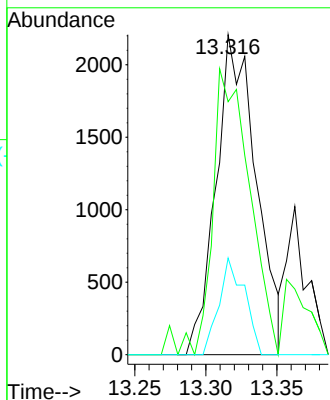
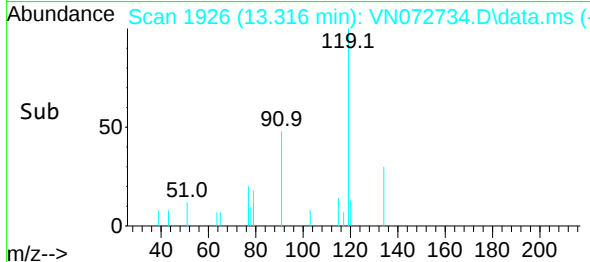
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:119 Resp: 4338
Ion Ratio Lower Upper
119 100
91 81.4 31.6 94.8
134 19.2 13.7 41.1

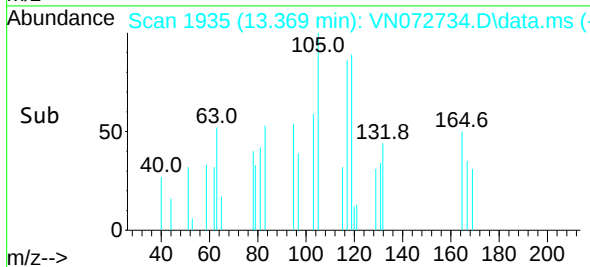
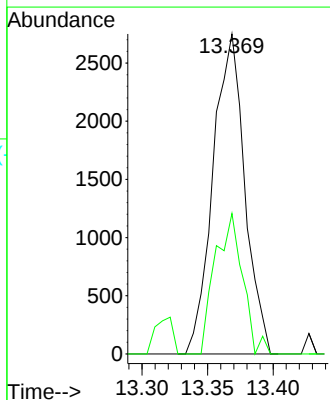
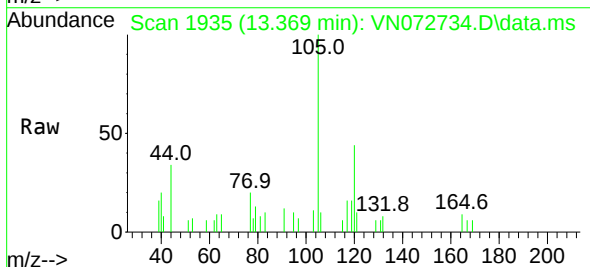
Manual Integrations
APPROVED

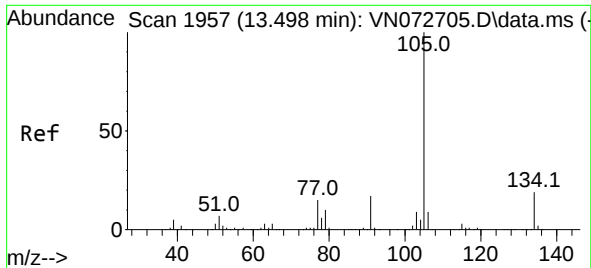
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#84
1,2,4-Trimethylbenzene
Concen: 0.518 ug/l
RT: 13.369 min Scan# 1935
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

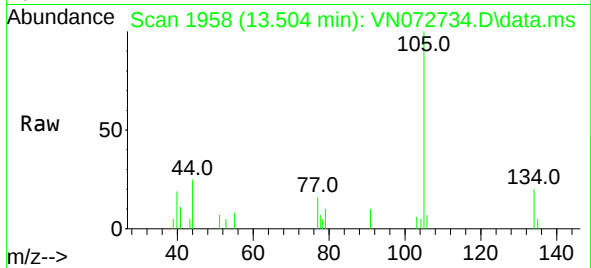
Tgt Ion:105 Resp: 4620
Ion Ratio Lower Upper
105 100
120 38.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 0.522 ug/l
 RT: 13.504 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VN072734.D
 Acq: 09 Jun 2022 16:40

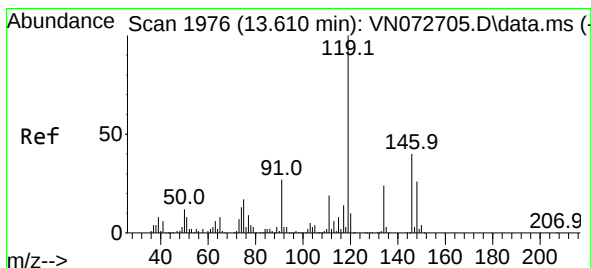
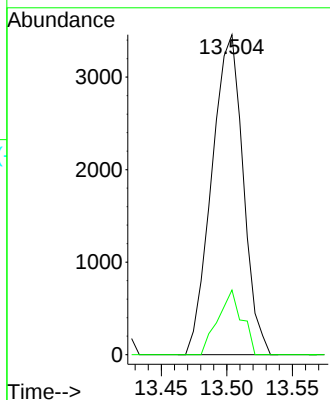
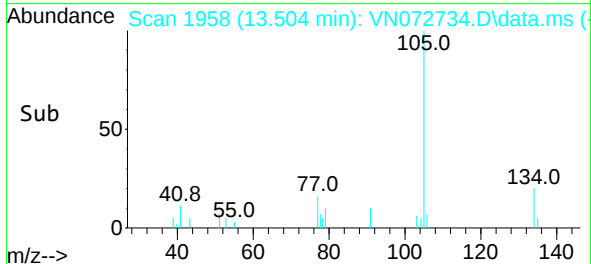
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022



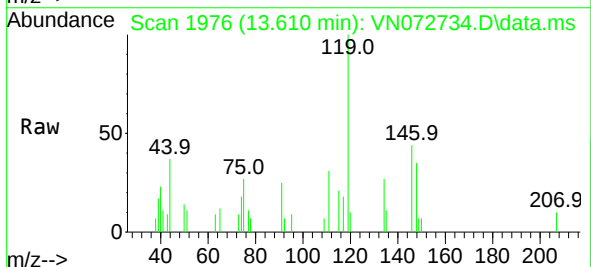
Tgt Ion:105 Resp: 576
 Ion Ratio Lower Upper
 105 100
 134 15.5 10.4 31.1

Manual Integrations
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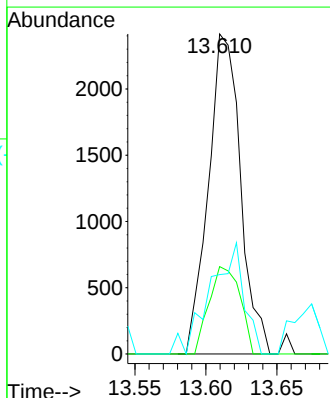
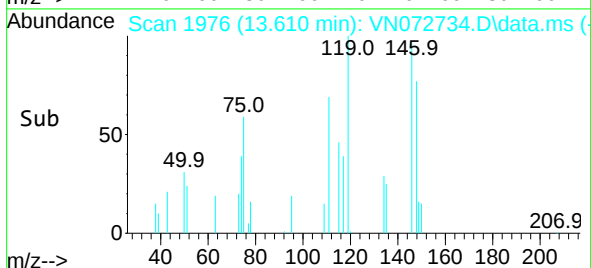
Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

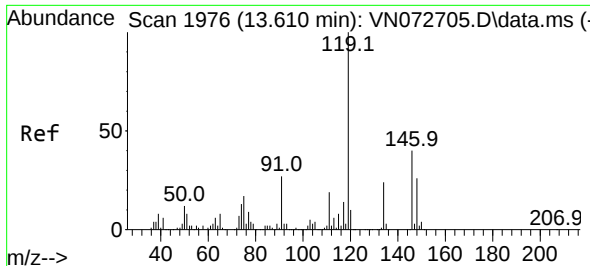


#86
 p-Isopropyltoluene
 Concen: 0.438 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072734.D
 Acq: 09 Jun 2022 16:40



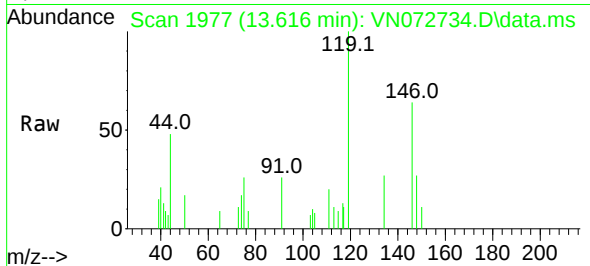
Tgt Ion:119 Resp: 3801
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 36.6 11.3 33.9#





#87
 1,3-Dichlorobenzene
 Concen: 0.494 ug/l
 RT: 13.616 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VN072734.D
 Acq: 09 Jun 2022 16:40

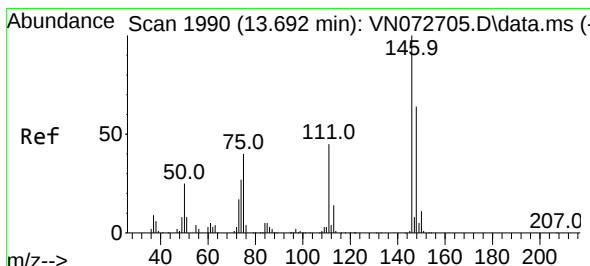
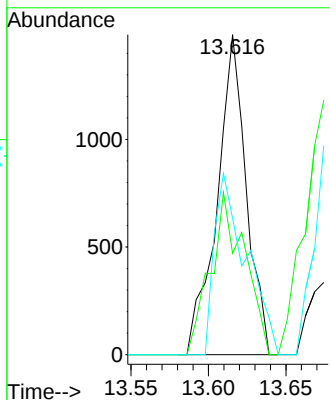
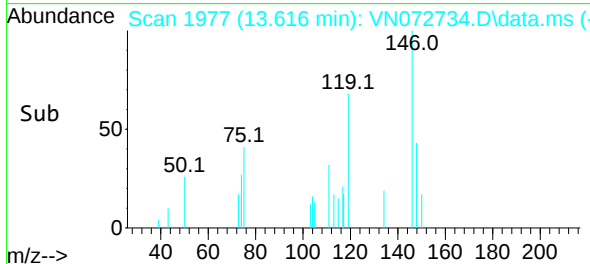
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022



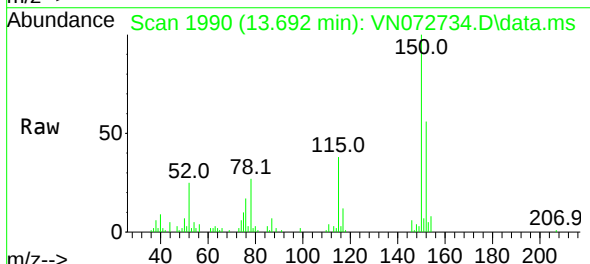
Tgt Ion:146 Resp: 1940
 Ion Ratio Lower Upper
 146 100
 111 59.4 20.0 60.0
 148 61.8 32.0 96.0

Manual Integrations
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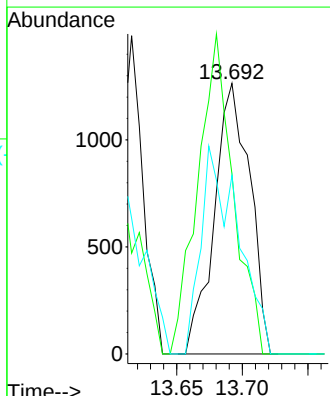
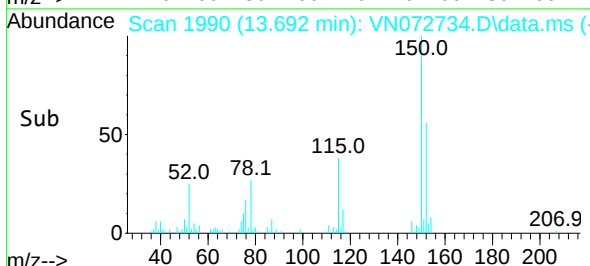
Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

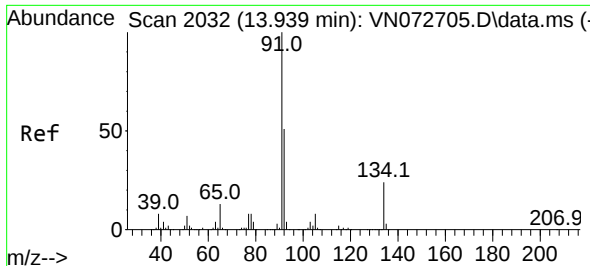


#88
 1,4-Dichlorobenzene
 Concen: 0.619 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN072734.D
 Acq: 09 Jun 2022 16:40



Tgt Ion:146 Resp: 2388
 Ion Ratio Lower Upper
 146 100
 111 117.5 19.1 57.1#
 148 80.2 31.4 94.3





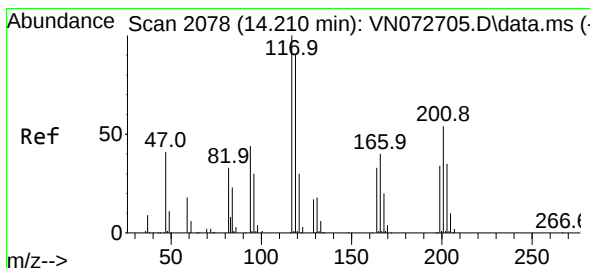
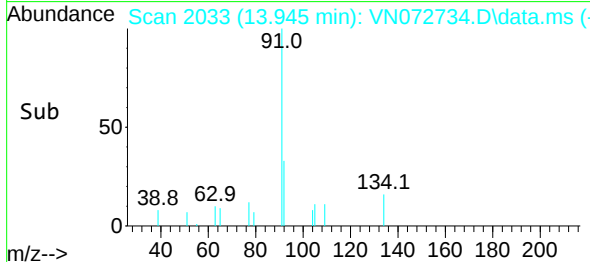
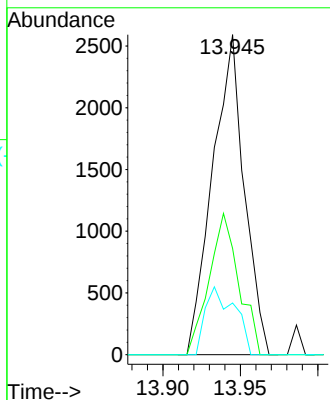
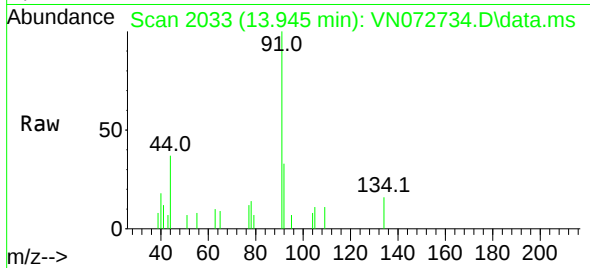
#89
n-Butylbenzene
Concen: 0.504 ug/l
RT: 13.945 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

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

Tgt Ion: 91 Resp: 3680
Ion Ratio Lower Upper
91 100
92 41.4 26.9 80.7
134 19.5 13.6 40.8

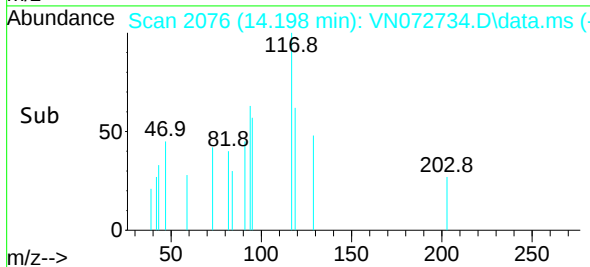
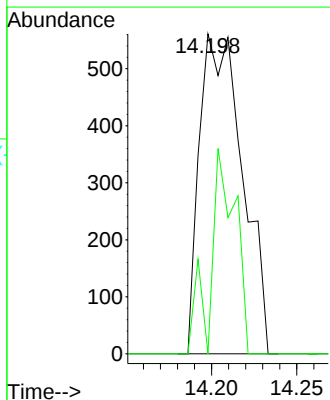
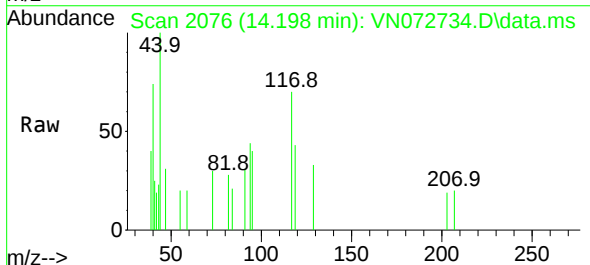
Manual Integrations
APPROVED

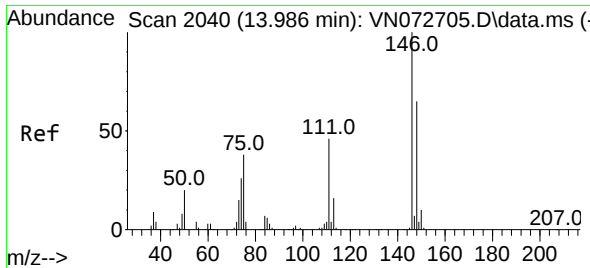
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#90
Hexachloroethane
Concen: 0.524 ug/l
RT: 14.198 min Scan# 2076
Delta R.T. -0.012 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

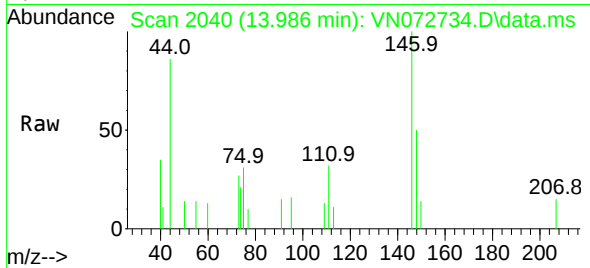
Tgt Ion:117 Resp: 985
Ion Ratio Lower Upper
117 100
201 37.4 40.6 122.0#





#91
1,2-Dichlorobenzene
Concen: 0.583 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

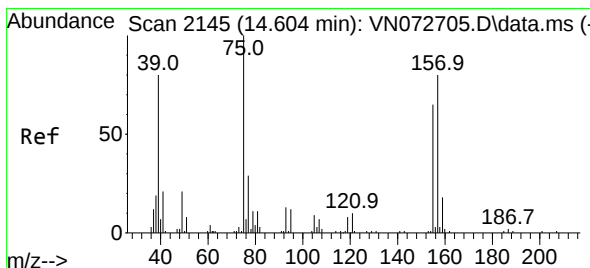
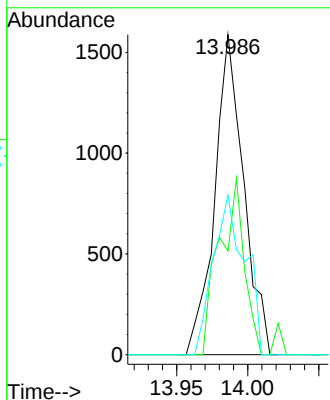
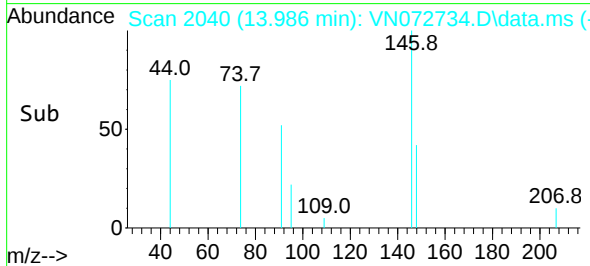
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



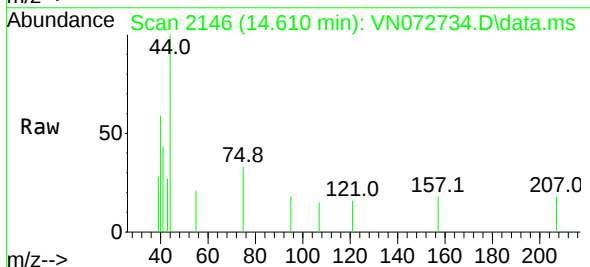
Tgt Ion:146 Resp: 224
Ion Ratio Lower Upper
146 100
111 47.3 20.9 62.8
148 54.8 32.1 96.3

Manual Integrations
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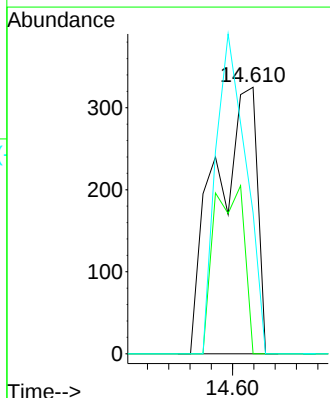
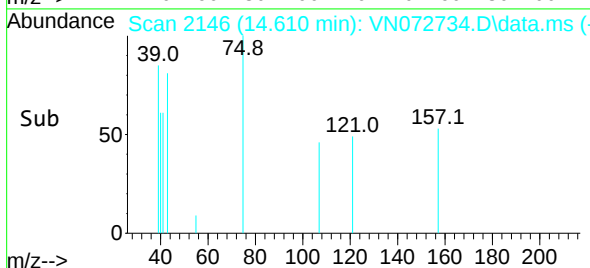
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

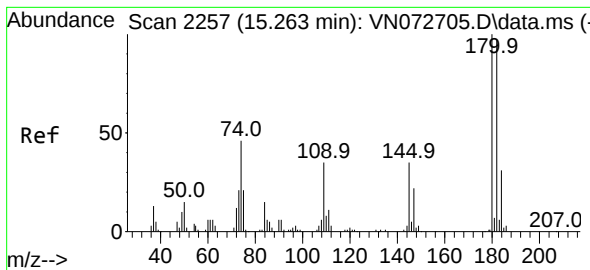


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.446 ug/l
RT: 14.610 min Scan# 2146
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



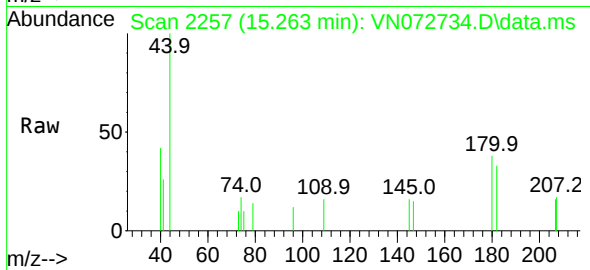
Tgt Ion: 75 Resp: 440
Ion Ratio Lower Upper
75 100
155 45.9 44.9 134.5
157 87.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 0.523 ug/l
RT: 15.263 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

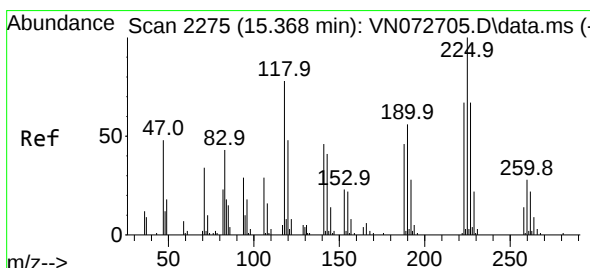
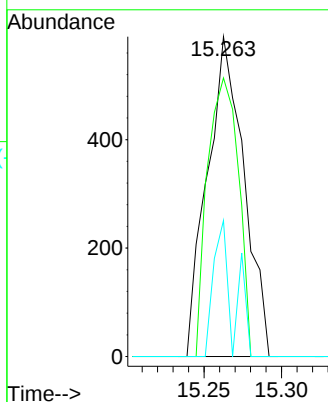
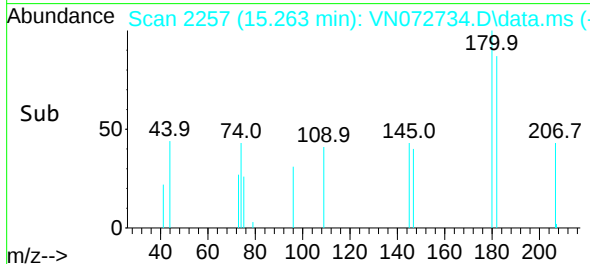
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



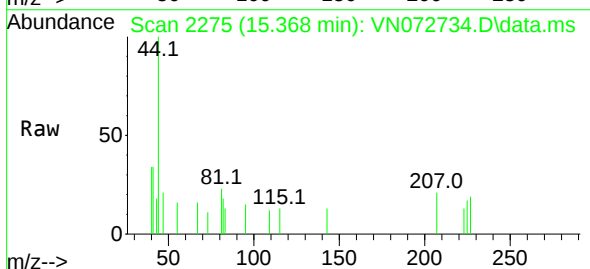
Tgt Ion:180 Resp: 970
Ion Ratio Lower Upper
180 100
182 73.3 47.5 142.5
145 22.7 14.5 43.5

Manual Integrations
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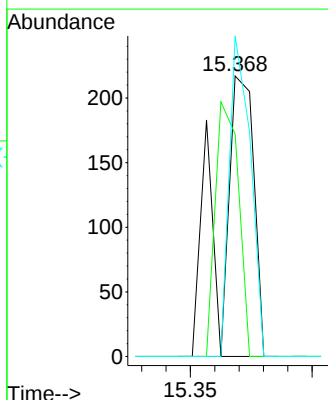
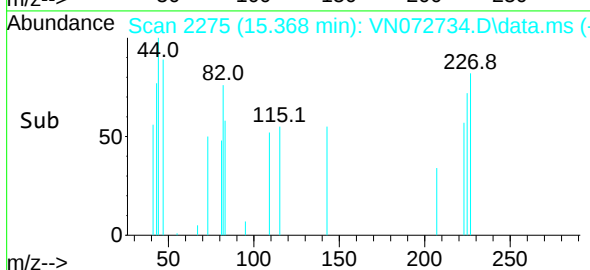
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

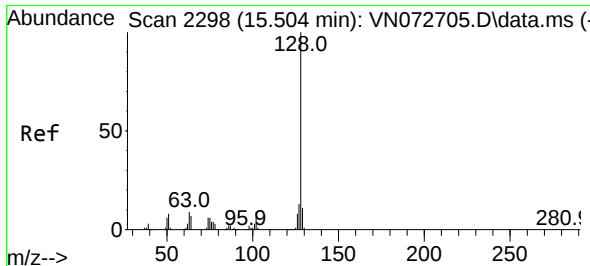


#94
Hexachlorobutadiene
Concen: 0.256 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



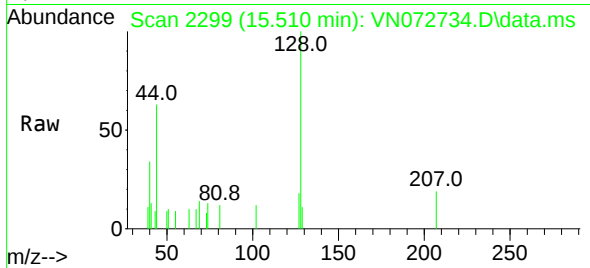
Tgt Ion:225 Resp: 213
Ion Ratio Lower Upper
225 100
223 61.0 32.4 97.2
227 70.0 31.8 95.4





#95
Naphthalene
Concen: 0.542 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40

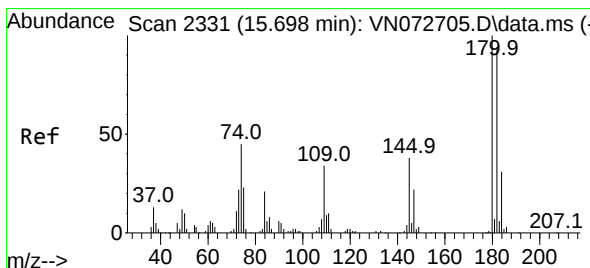
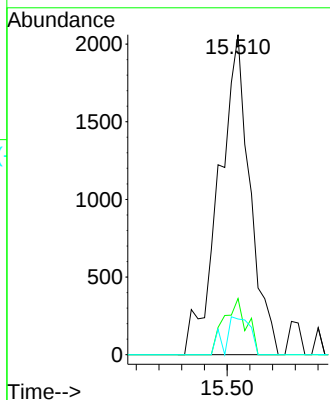
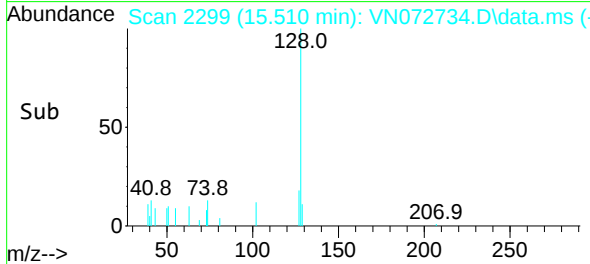
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



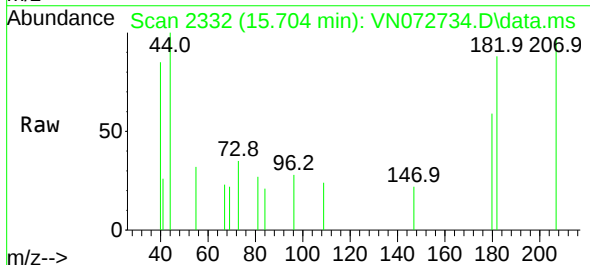
Tgt Ion:128 Resp: 390
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 9.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.441 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.006 min
Lab File: VN072734.D
Acq: 09 Jun 2022 16:40



Tgt Ion:180 Resp: 815
Ion Ratio Lower Upper
180 100
182 96.8 47.8 143.3
145 7.0 15.5 46.5#

