

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072735.D
 Acq On : 09 Jun 2022 17:05
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 10 04:22:59 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	145085	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	275420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	266891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	102724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	209943	53.915	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.820%			
35) Dibromofluoromethane	8.022	113	136135	49.953	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.900%			
50) Toluene-d8	10.439	98	525579	48.337	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.680%			
62) 4-Bromofluorobenzene	12.733	95	155141	41.581	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 83.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	1963	0.834	ug/l	92
3) Chloromethane	2.293	50	3153	1.125	ug/l	# 81
4) Vinyl Chloride	2.434	62	2279	0.884	ug/l	97
5) Bromomethane	2.834	94	1881	1.487	ug/l	92
6) Chloroethane	3.016	64	1891	1.042	ug/l	# 42
7) Trichlorofluoromethane	3.357	101	3523	0.859	ug/l	96
8) Diethyl Ether	3.822	74	1326	0.795	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.204	101	1886m	0.840	ug/l	
10) Methyl Iodide	4.416	142	1530m	0.731	ug/l	
11) Tert butyl alcohol	5.328	59	8829m	9.505	ug/l	
12) 1,1-Dichloroethene	4.163	96	2052m	0.980	ug/l	
13) Acrolein	4.040	56	1843	4.804	ug/l	# 78
14) Allyl chloride	4.828	41	4567m	0.945	ug/l	
15) Acrylonitrile	5.557	53	8300	4.217	ug/l	95
16) Acetone	4.293	43	11094	5.946	ug/l	91
17) Carbon Disulfide	4.540	76	5127	0.970	ug/l	98
18) Methyl Acetate	4.845	43	5799m	1.194	ug/l	
19) Methyl tert-butyl Ether	5.616	73	7930	0.837	ug/l	# 85
20) Methylene Chloride	5.092	84	3034	1.030	ug/l	# 70
21) trans-1,2-Dichloroethene	5.598	96	2326	1.009	ug/l	# 85
22) Diisopropyl ether	6.492	45	8205	0.838	ug/l	# 89
23) Vinyl Acetate	6.428	43	35365	3.943	ug/l	97
24) 1,1-Dichloroethane	6.386	63	4813	0.946	ug/l	# 82
25) 2-Butanone	7.333	43	14797	4.930	ug/l	# 83
26) 2,2-Dichloropropane	7.322	77	5291	1.150	ug/l	# 74
27) cis-1,2-Dichloroethene	7.328	96	2465m	0.841	ug/l	
28) Bromochloromethane	7.651	49	1625	0.676	ug/l	# 75
29) Tetrahydrofuran	7.686	42	8225	4.435	ug/l	88
30) Chloroform	7.816	83	4411	0.832	ug/l	85
31) Cyclohexane	8.086	56	8328	1.892	ug/l	# 66
32) 1,1,1-Trichloroethane	8.010	97	3898	0.832	ug/l	# 48
36) 1,1-Dichloropropene	8.216	75	3352	0.886	ug/l	# 89
37) Ethyl Acetate	7.422	43	4533	0.771	ug/l	# 86
38) Carbon Tetrachloride	8.204	117	3200	0.792	ug/l	# 89
39) Methylcyclohexane	9.457	83	3476	0.792	ug/l	# 86
40) Benzene	8.451	78	9550	0.832	ug/l	92

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.645	41	2167	1.094	ug/l #	79
42) 1,2-Dichloroethane	8.522	62	4489	0.943	ug/l	77
43) Isopropyl Acetate	8.557	43	7654	0.836	ug/l #	96
44) Trichloroethene	9.210	130	2201	0.824	ug/l	90
45) 1,2-Dichloropropane	9.486	63	2596	0.837	ug/l #	80
46) Dibromomethane	9.575	93	1707	0.787	ug/l #	78
47) Bromodichloromethane	9.763	83	3004	0.674	ug/l #	96
48) Methyl methacrylate	9.557	41	3682	0.850	ug/l #	78
49) 1,4-Dioxane	9.580	88	1404	17.737	ug/l #	83
51) 4-Methyl-2-Pentanone	10.327	43	23120	3.879	ug/l	95
52) Toluene	10.498	92	5870	0.819	ug/l	96
53) t-1,3-Dichloropropene	10.722	75	3439	0.694	ug/l #	80
54) cis-1,3-Dichloropropene	10.180	75	3641	0.712	ug/l #	86
55) 1,1,2-Trichloroethane	10.904	97	2430	0.786	ug/l #	80
56) Ethyl methacrylate	10.763	69	3710	0.678	ug/l #	68
57) 1,3-Dichloropropane	11.045	76	4311	0.781	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	6968	3.196	ug/l	96
59) 2-Hexanone	11.080	43	17975	4.101	ug/l	85
60) Dibromochloromethane	11.233	129	2265	0.706	ug/l	95
61) 1,2-Dibromoethane	11.345	107	2530	0.798	ug/l	99
64) Tetrachloroethene	10.980	164	1875	0.834	ug/l #	89
65) Chlorobenzene	11.769	112	5765	0.811	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.845	131	2100	0.742	ug/l #	65
67) Ethyl Benzene	11.845	91	10210	0.764	ug/l #	78
68) m/p-Xylenes	11.945	106	7028	1.479	ug/l	93
69) o-Xylene	12.274	106	3826	0.801	ug/l	100
70) Styrene	12.292	104	5056	0.673	ug/l	93
71) Bromoform	12.457	173	1194	0.600	ug/l #	85
73) Isopropylbenzene	12.574	105	8549	0.776	ug/l	98
74) N-amyl acetate	12.392	43	4581	0.895	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.827	83	3188	0.833	ug/l	91
76) 1,2,3-Trichloropropane	12.880	75	3206m	0.967	ug/l	
77) Bromobenzene	12.857	156	2023	0.931	ug/l	75
78) n-propylbenzene	12.915	91	8962	0.745	ug/l	96
79) 2-Chlorotoluene	13.010	91	6797	0.901	ug/l	85
80) 1,3,5-Trimethylbenzene	13.057	105	6851	0.785	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	845m	0.667	ug/l	
82) 4-Chlorotoluene	13.098	91	5394	0.774	ug/l	91
83) tert-Butylbenzene	13.315	119	6304	0.822	ug/l	87
84) 1,2,4-Trimethylbenzene	13.363	105	6713	0.804	ug/l	85
85) sec-Butylbenzene	13.498	105	7717	0.746	ug/l	99
86) p-Isopropyltoluene	13.615	119	5361	0.659	ug/l	88
87) 1,3-Dichlorobenzene	13.615	146	2854	0.774	ug/l	93
88) 1,4-Dichlorobenzene	13.692	146	2707m	0.749	ug/l	
89) n-Butylbenzene	13.939	91	4481	0.653	ug/l	97
90) Hexachloroethane	14.198	117	1436	0.815	ug/l #	47
91) 1,2-Dichlorobenzene	13.980	146	2968	0.821	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.604	75	842	0.911	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.257	180	1252	0.720	ug/l	92
94) Hexachlorobutadiene	15.362	225	472	0.606	ug/l #	58
95) Naphthalene	15.509	128	5223	0.774	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.704	180	1112	0.642	ug/l	81

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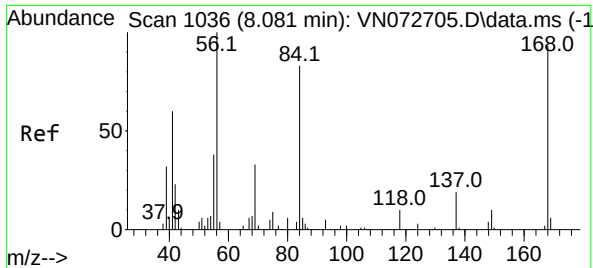
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/10/2022

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Quant Title : SW846 8260
QLast Update : Fri Jun 10 04:02:08 2022
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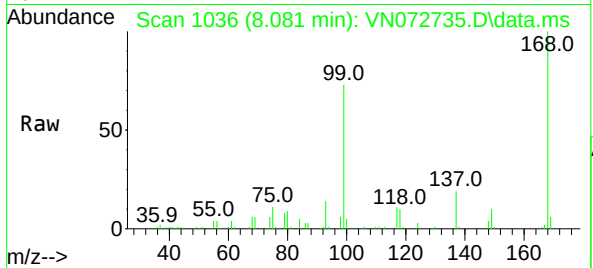
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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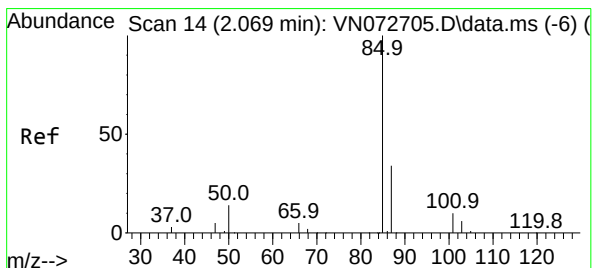
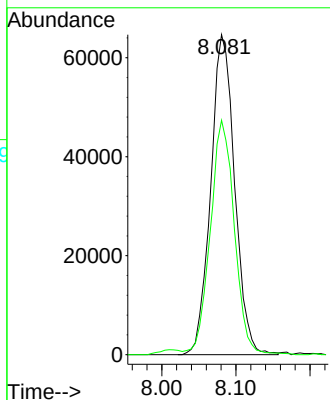
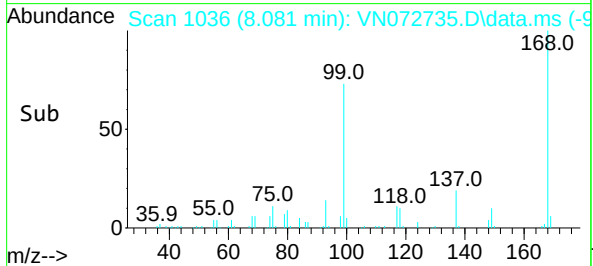
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:168 Resp: 145085
Ion Ratio Lower Upper
168 100
99 72.8 42.3 63.5

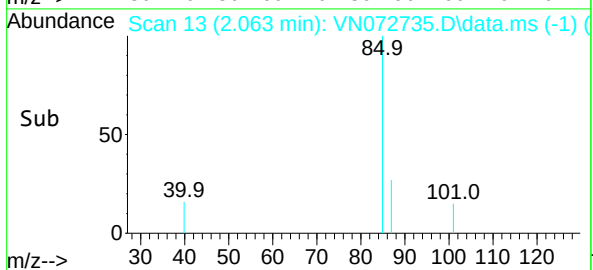
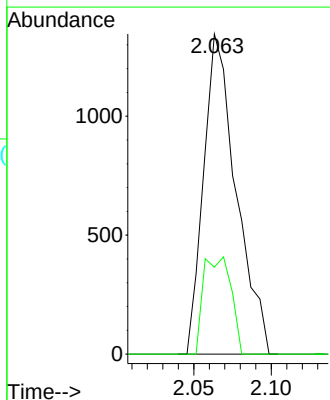
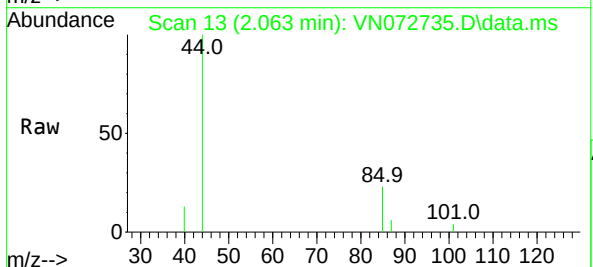
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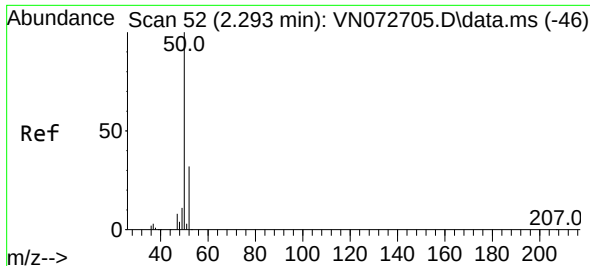
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#2
Dichlorodifluoromethane
Concen: 0.834 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

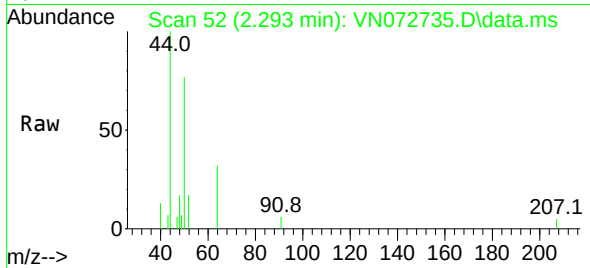
Tgt Ion: 85 Resp: 1963
Ion Ratio Lower Upper
85 100
87 27.1 15.7 47.1





#3
Chloromethane
Concen: 1.125 ug/l
RT: 2.293 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

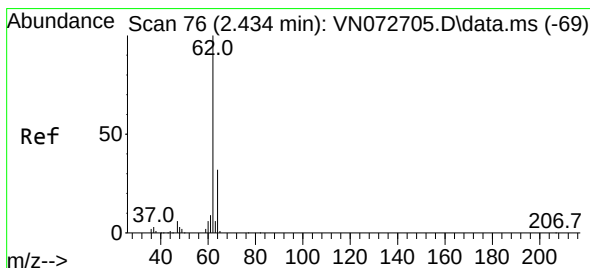
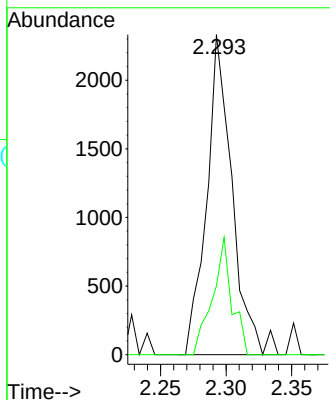
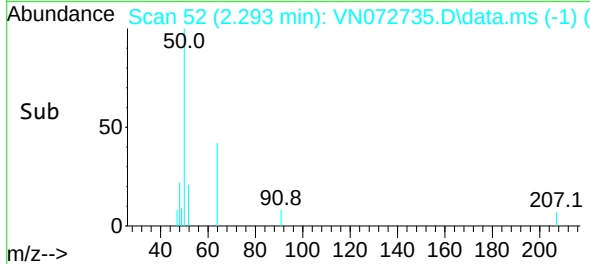
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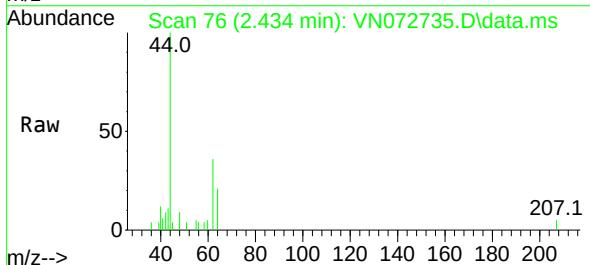
Tgt Ion: 50 Resp: 315
Ion Ratio Lower Upper
50 100
52 21.5 25.7 38.5

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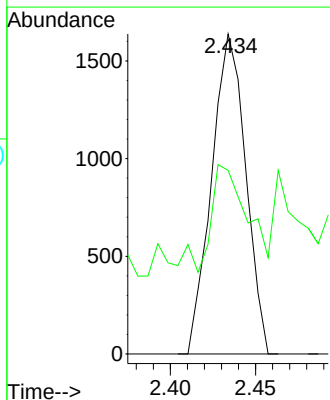
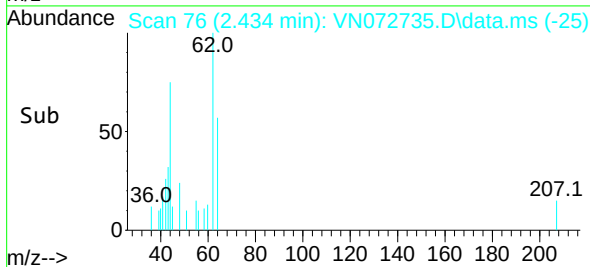
Reviewed By :John Carlone 06/10/2022
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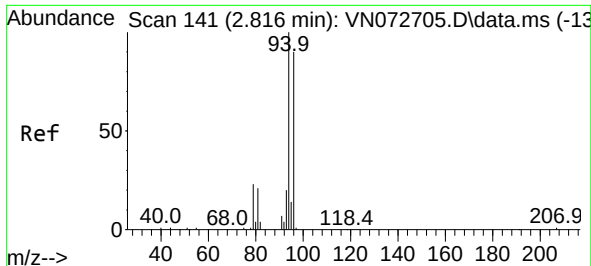


#4
Vinyl Chloride
Concen: 0.884 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



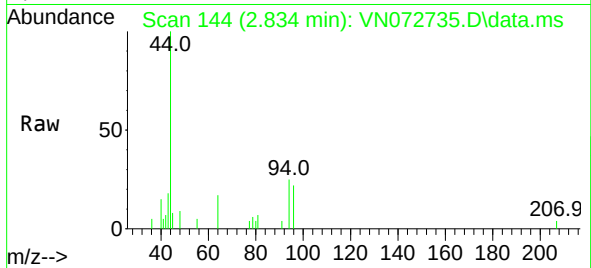
Tgt Ion: 62 Resp: 2279
Ion Ratio Lower Upper
62 100
64 29.8 25.0 37.4





#5
Bromomethane
Concen: 1.487 ug/l
RT: 2.834 min Scan# 141
Delta R.T. 0.018 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

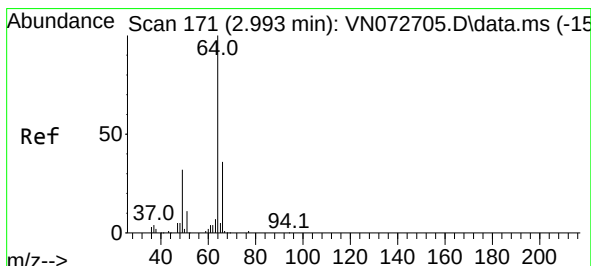
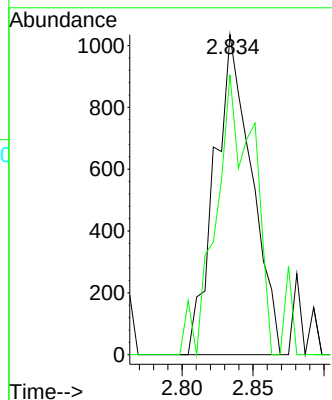
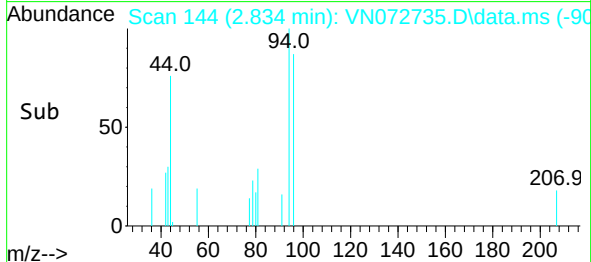
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Tgt Ion: 94 Resp: 188
Ion Ratio Lower Upper
94 100
96 87.4 76.0 114.0

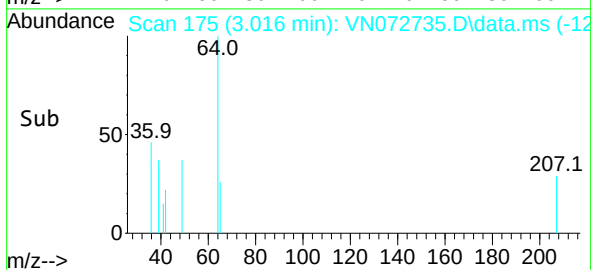
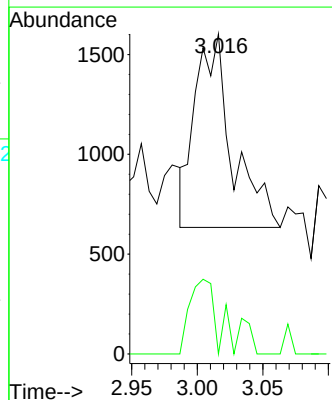
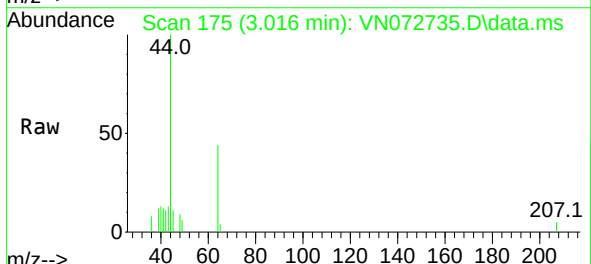
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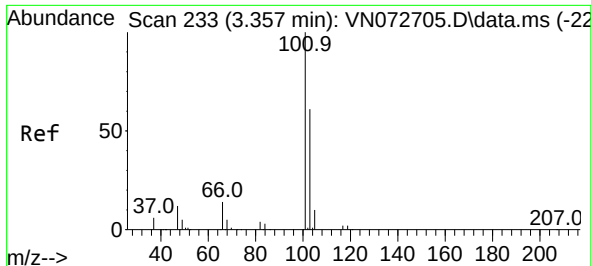
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#6
Chloroethane
Concen: 1.042 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.023 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

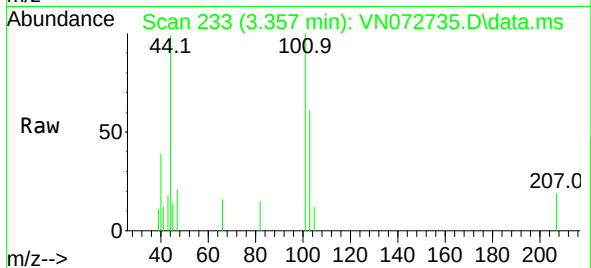
Tgt Ion: 64 Resp: 1891
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#7
 Trichlorofluoromethane
 Concen: 0.859 ug/l
 RT: 3.357 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072735.D
 Acq: 09 Jun 2022 17:05

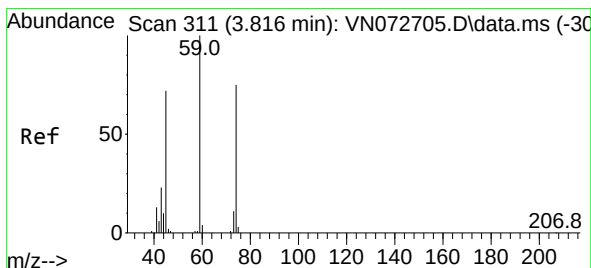
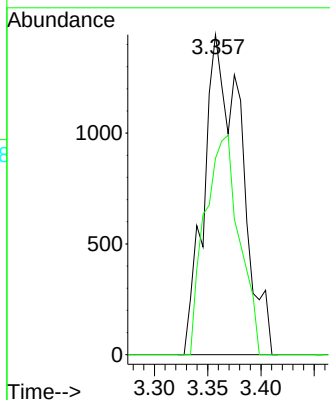
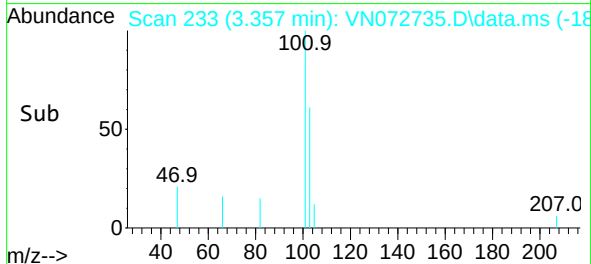
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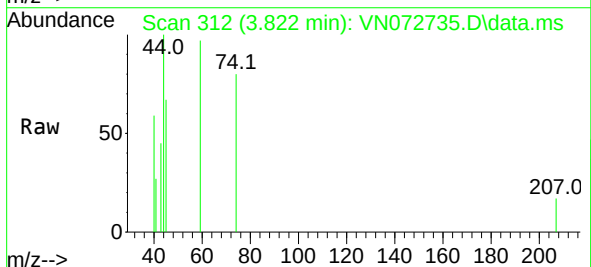
Tgt Ion: 101 Resp: 352
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.5 77.3

Manual Integrations
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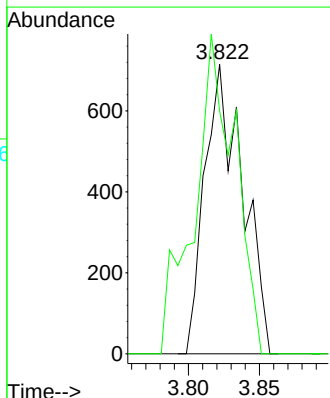
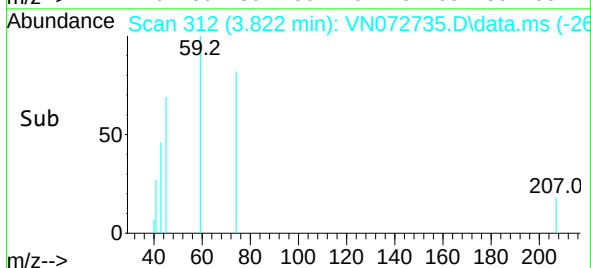
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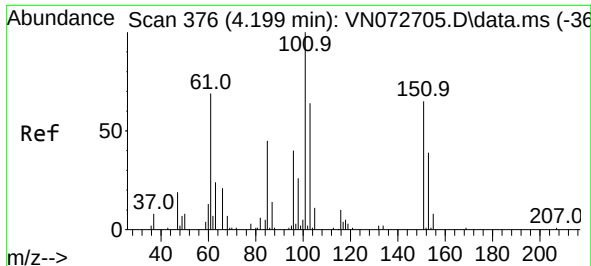


#8
 Diethyl Ether
 Concen: 0.795 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 1326
 Ion Ratio Lower Upper
 74 100
 45 119.0 42.9 128.5





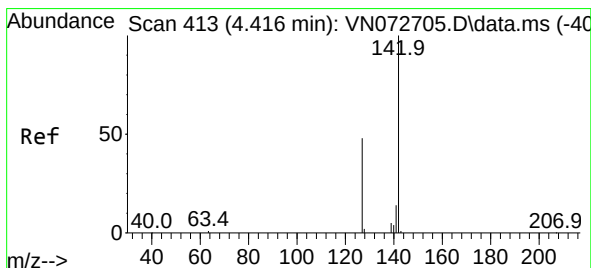
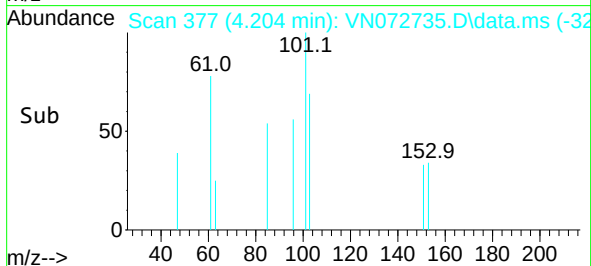
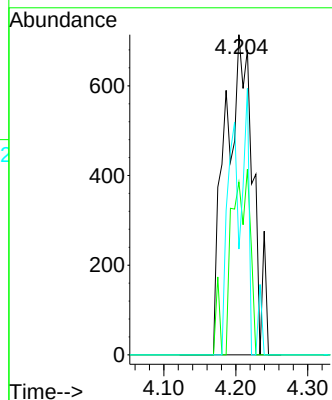
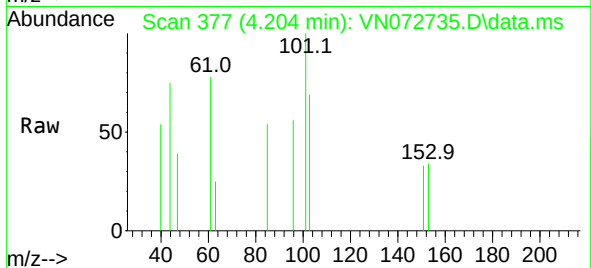
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.840 ug/l m
RT: 4.204 min Scan# 376
Delta R.T. 0.005 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

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

Tgt Ion:101 Resp: 1880
Ion Ratio Lower Upper
101 100
85 0.0 34.7 52.1#
151 28.6 63.0 94.4#

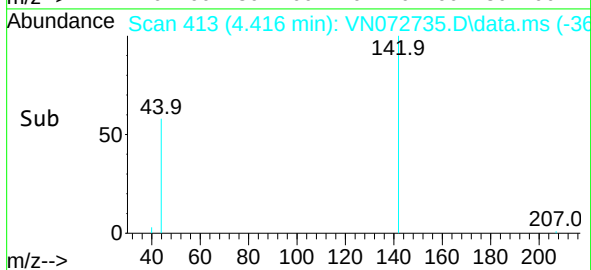
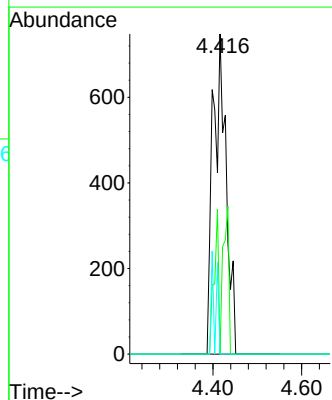
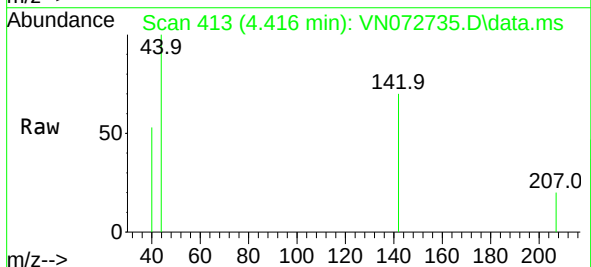
Manual Integrations
APPROVED

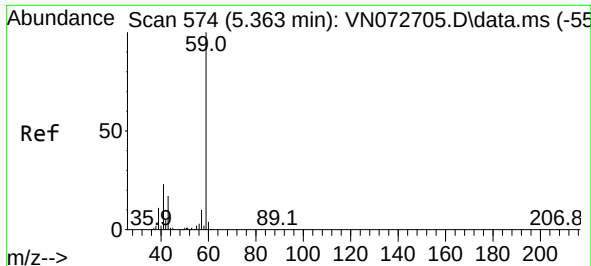
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#10
Methyl Iodide
Concen: 0.731 ug/l m
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

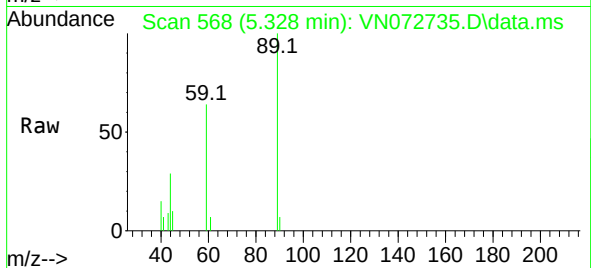
Tgt Ion:142 Resp: 1530
Ion Ratio Lower Upper
142 100
127 15.4 31.3 46.9#
141 10.5 11.2 16.8#





#11
Tert butyl alcohol
Concen: 9.505 ug/l m
RT: 5.328 min Scan# 574
Delta R.T. -0.035 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

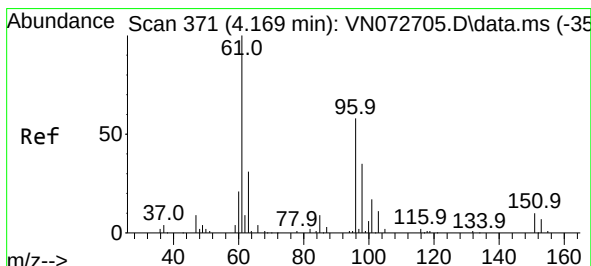
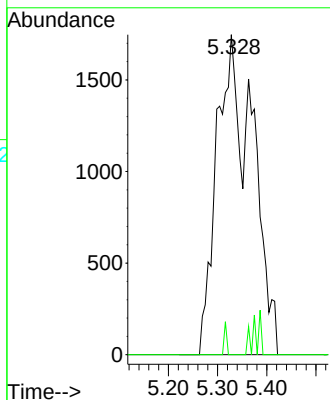
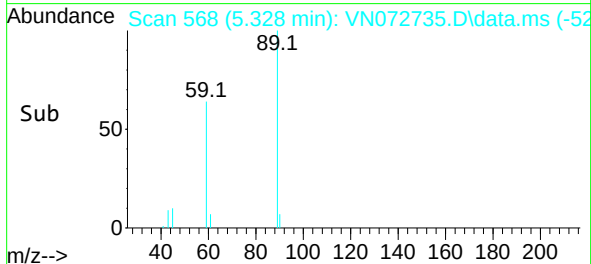
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



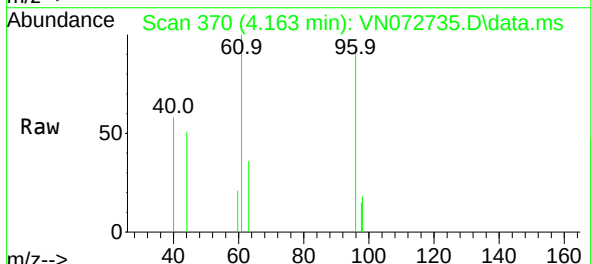
Tgt Ion: 59 Resp: 8829
Ion Ratio Lower Upper
59 100
57 0.6 8.3 12.5

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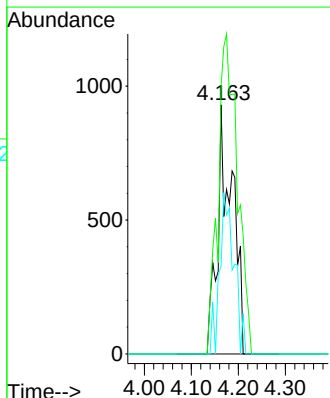
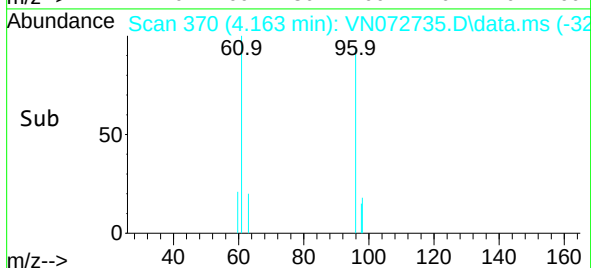
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

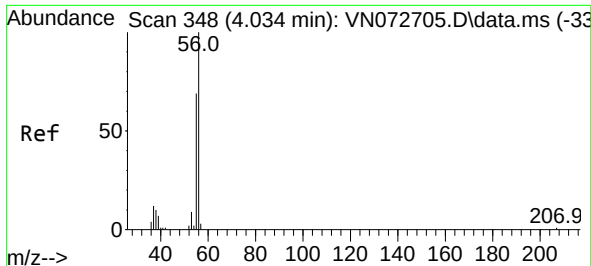


#12
1,1-Dichloroethene
Concen: 0.980 ug/l m
RT: 4.163 min Scan# 370
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



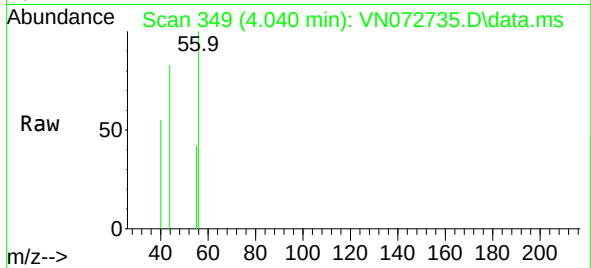
Tgt Ion: 96 Resp: 2052
Ion Ratio Lower Upper
96 100
61 107.4 127.6 191.4#
98 18.9 51.2 76.8#





#13
Acrolein
Concen: 4.804 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

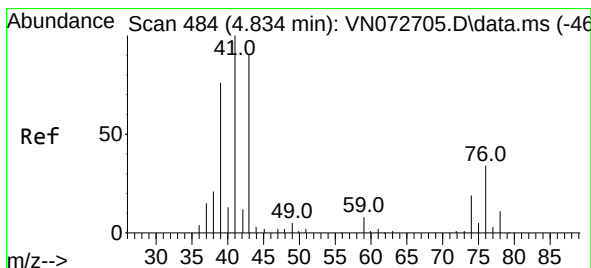
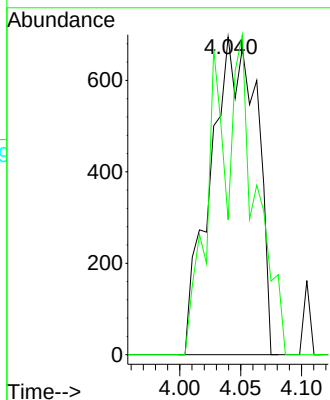
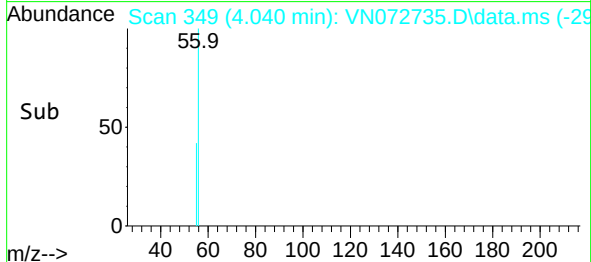
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 50.5 54.8 82.2

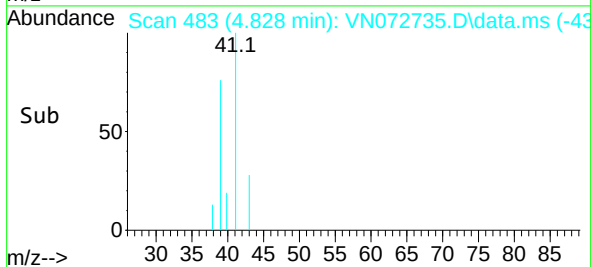
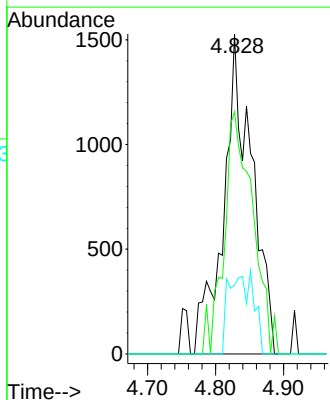
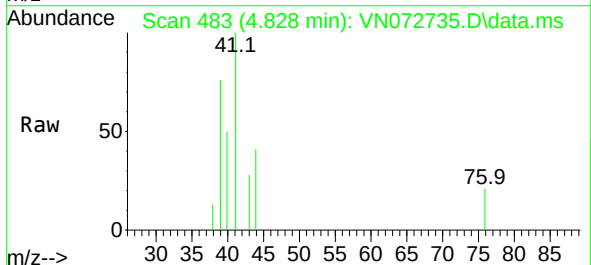
Manual Integrations
APPROVED

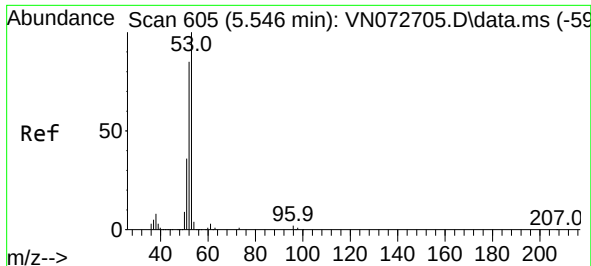
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#14
Allyl chloride
Concen: 0.945 ug/l m
RT: 4.828 min Scan# 483
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

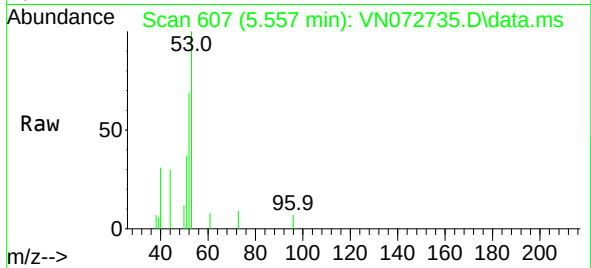
Tgt Ion: 41 Resp: 4567
Ion Ratio Lower Upper
41 100
39 74.4 53.2 79.8
76 0.0 29.9 44.9





#15
Acrylonitrile
Concen: 4.217 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.011 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

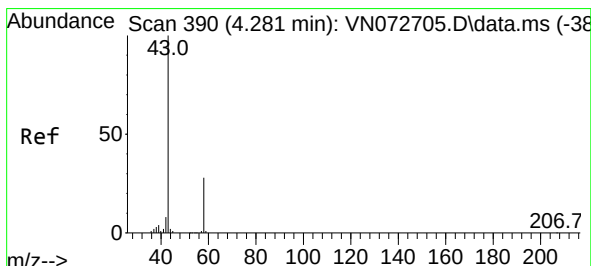
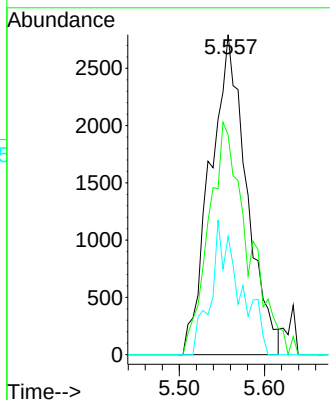
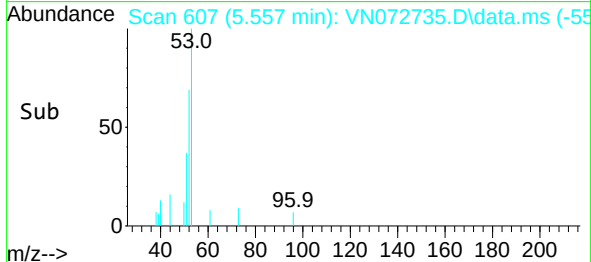
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



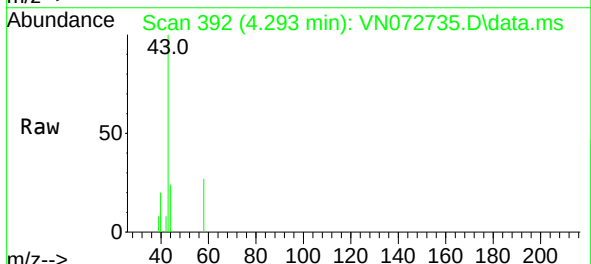
Tgt Ion: 53 Resp: 8300
Ion Ratio Lower Upper
53 100
52 78.4 66.4 99.6
51 33.2 28.5 42.7

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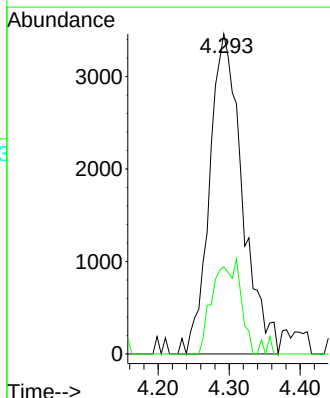
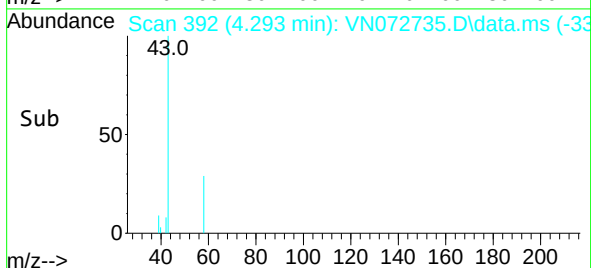
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

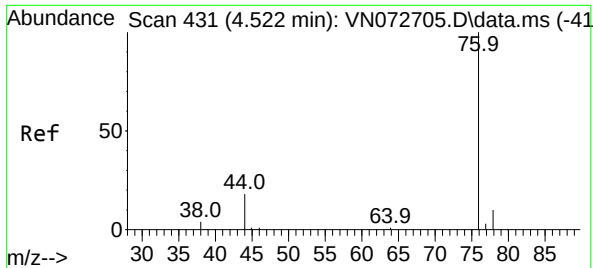


#16
Acetone
Concen: 5.946 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



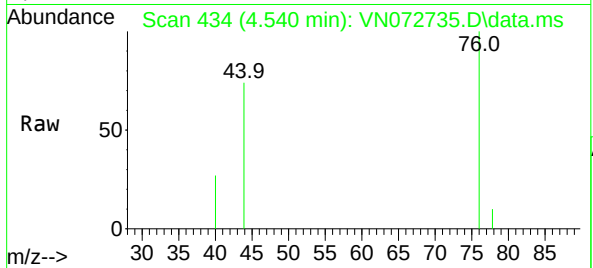
Tgt Ion: 43 Resp: 11094
Ion Ratio Lower Upper
43 100
58 27.2 26.0 39.0





#17
Carbon Disulfide
Concen: 0.970 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

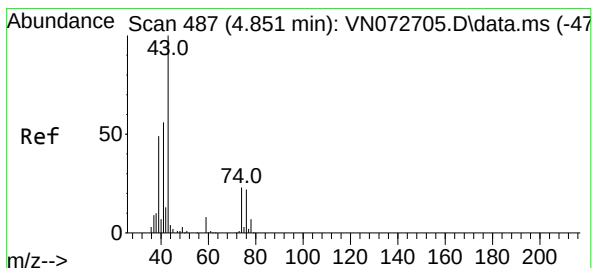
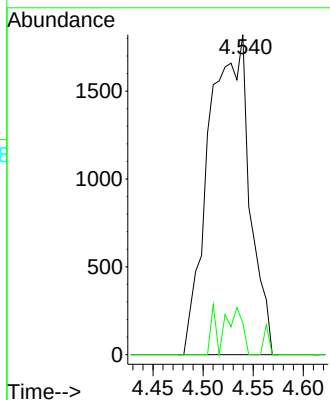
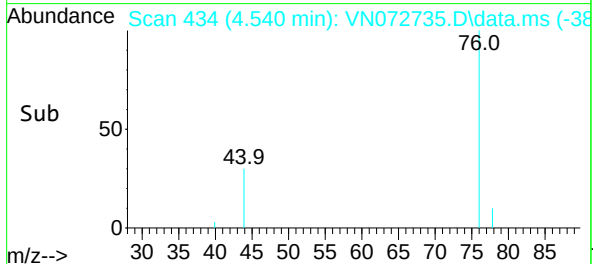
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 76 Resp: 512
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

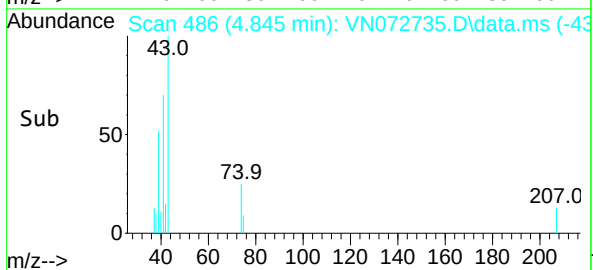
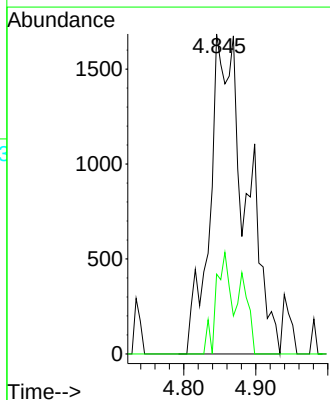
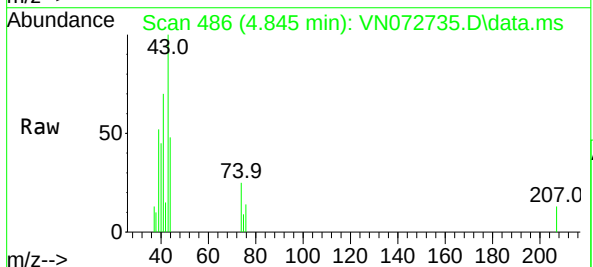
Manual Integrations
APPROVED

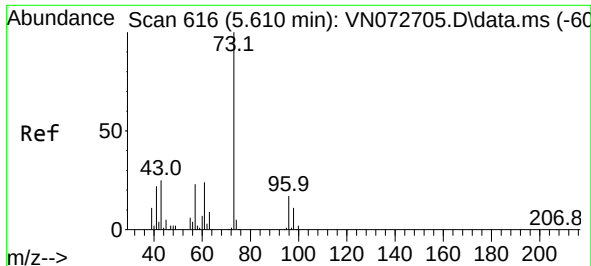
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#18
Methyl Acetate
Concen: 1.194 ug/l m
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

Tgt Ion: 43 Resp: 5799
Ion Ratio Lower Upper
43 100
74 12.7 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 0.837 ug/l

RT: 5.616 min Scan# 616

Delta R.T. 0.006 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

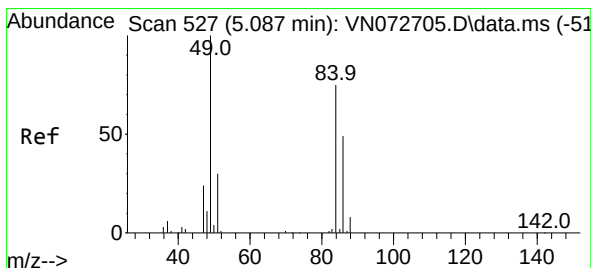
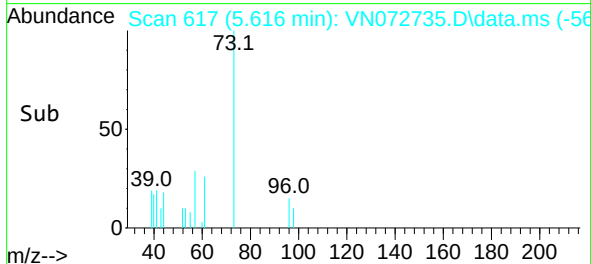
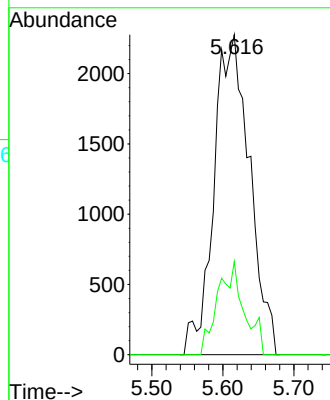
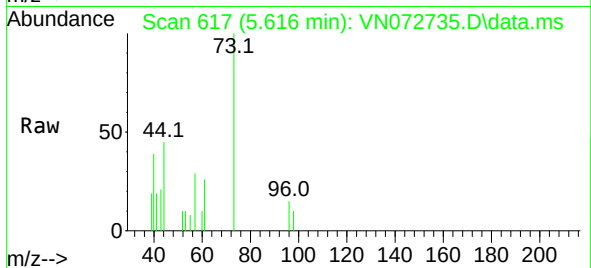
Tgt Ion: 73 Resp: 7930
 Ion Ratio Lower Upper
 73 100
 57 29.1 17.6 26.4

Manual Integrations

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Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#20

Methylene Chloride

Concen: 1.030 ug/l

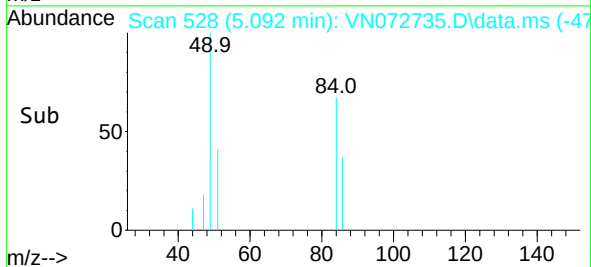
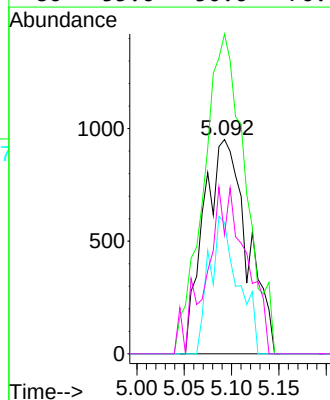
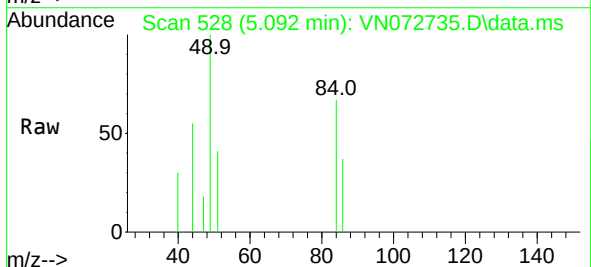
RT: 5.092 min Scan# 528

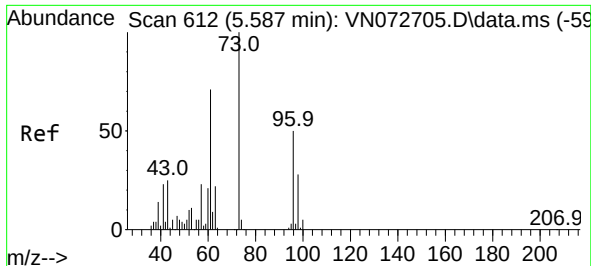
Delta R.T. 0.005 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

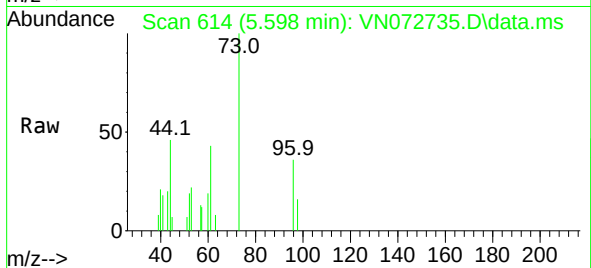
Tgt Ion: 84 Resp: 3034
 Ion Ratio Lower Upper
 84 100
 49 149.3 88.3 132.5#
 51 61.3 28.2 42.2#
 86 55.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 1.009 ug/l
RT: 5.598 min Scan# 612
Delta R.T. 0.011 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

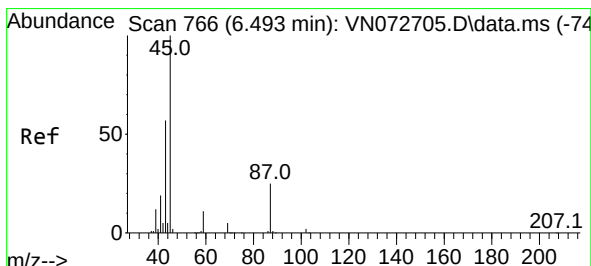
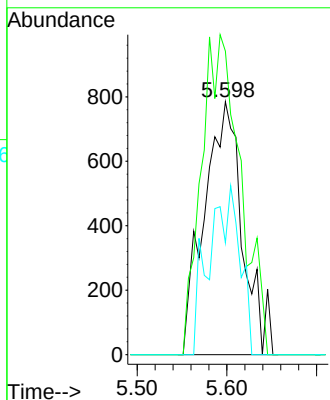
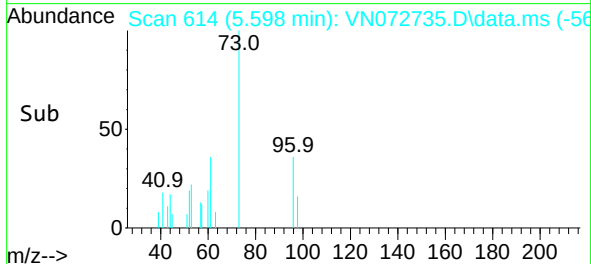
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



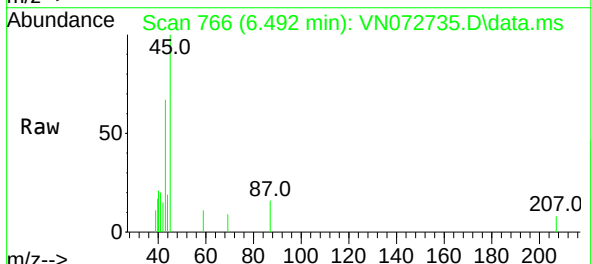
Tgt Ion: 96 Resp: 2320
Ion Ratio Lower Upper
96 100
61 120.0 105.8 158.8
98 44.2 50.3 75.5

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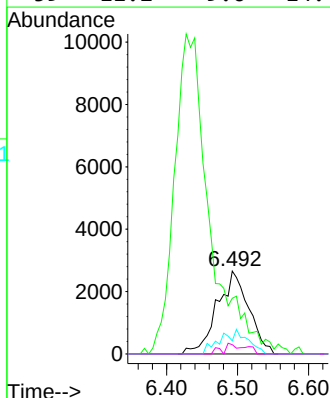
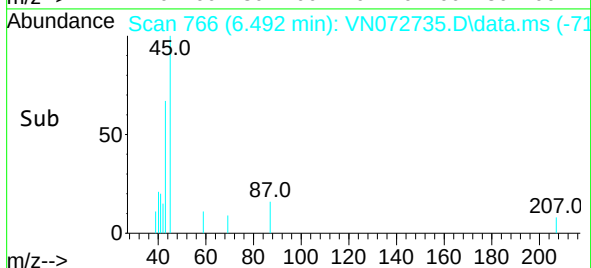
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

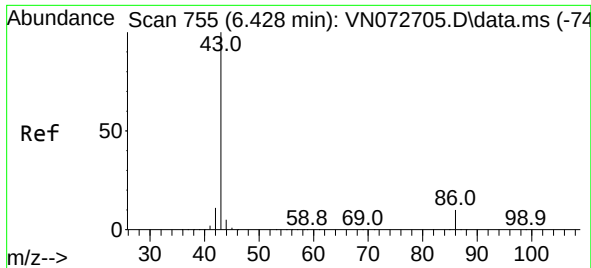


#22
Diisopropyl ether
Concen: 0.838 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



Tgt Ion: 45 Resp: 8205
Ion Ratio Lower Upper
45 100
43 55.2 46.6 70.0
87 15.9 24.3 36.5
59 11.2 9.6 14.4





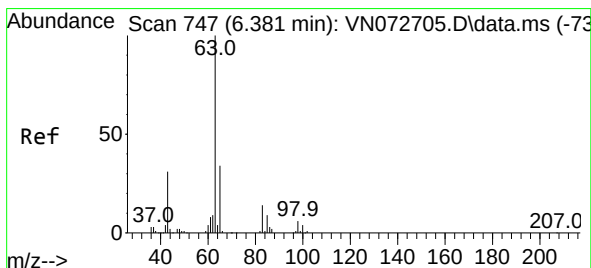
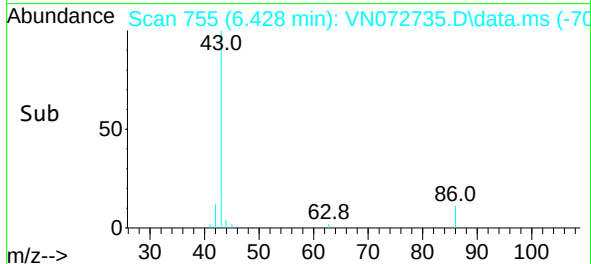
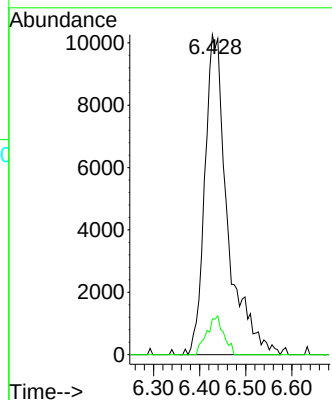
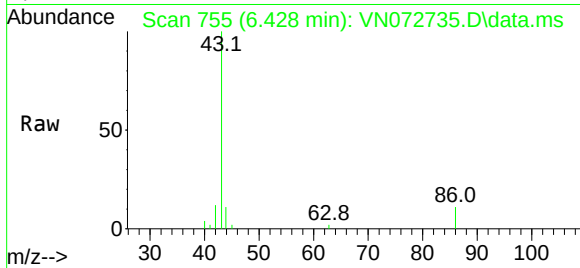
#23
 Vinyl Acetate
 Concen: 3.943 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN072735.D
 Acq: 09 Jun 2022 17:05

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

Tgt Ion: 43 Resp: 3536
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.0 15.0

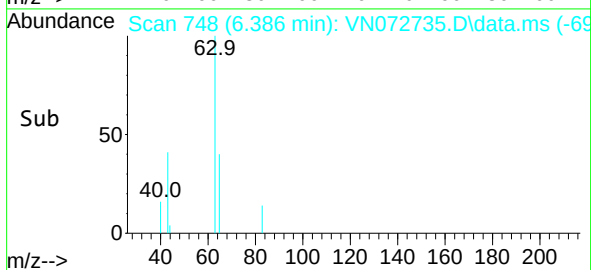
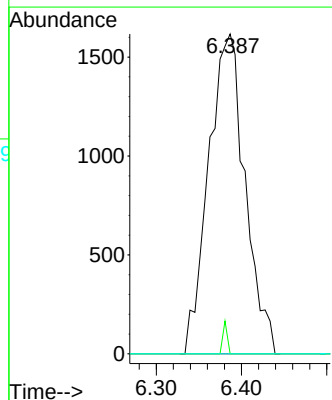
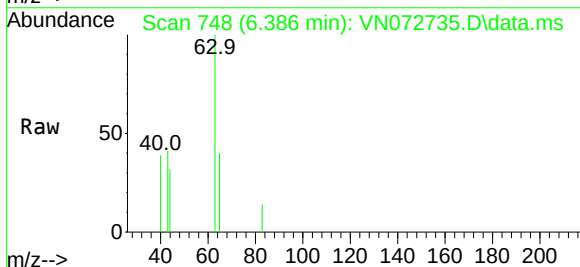
Manual Integrations
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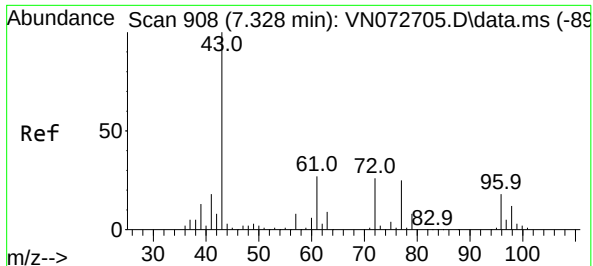
Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#24
 1,1-Dichloroethane
 Concen: 0.946 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.005 min
 Lab File: VN072735.D
 Acq: 09 Jun 2022 17:05

Tgt Ion: 63 Resp: 4813
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 4.930 ug/l

RT: 7.333 min Scan# 909

Delta R.T. 0.005 min

Lab File: VN072735.D

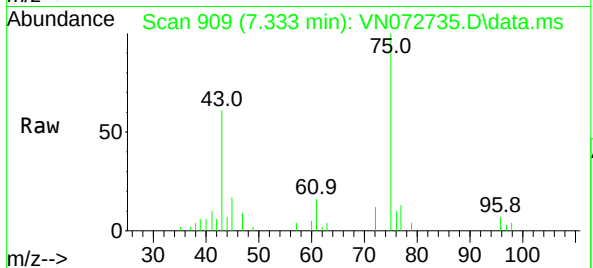
Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 1479

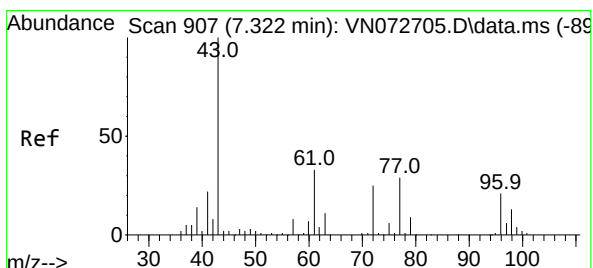
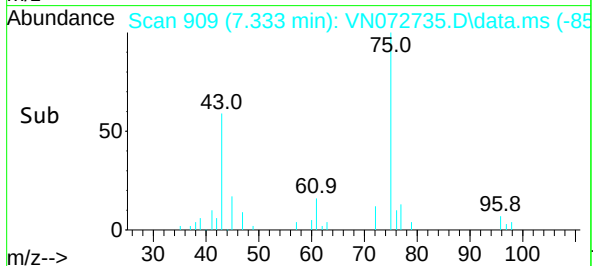
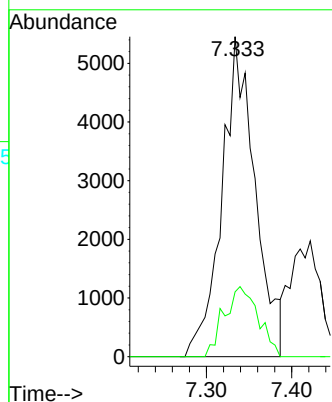
Ion	Ratio	Lower	Upper
43	100		
72	20.3	23.7	35.5

Manual Integrations

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Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#26

2,2-Dichloropropane

Concen: 1.150 ug/l

RT: 7.322 min Scan# 907

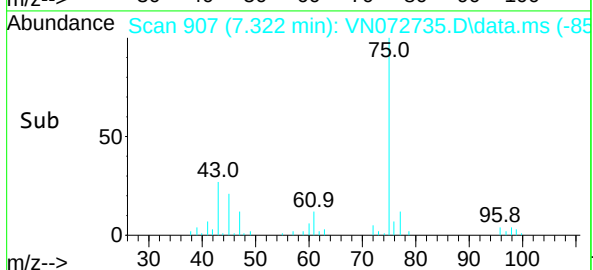
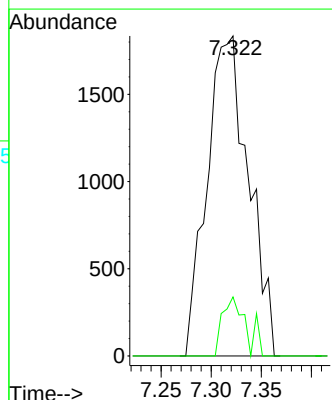
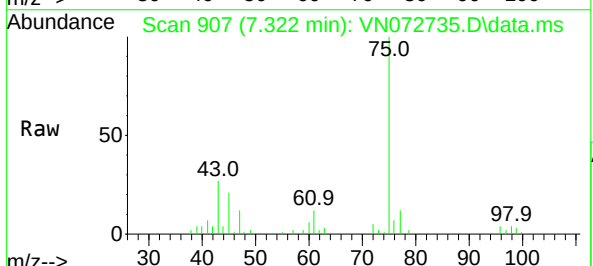
Delta R.T. -0.000 min

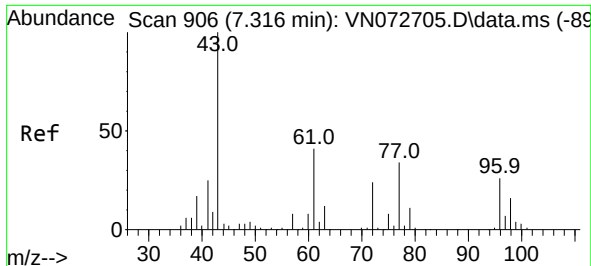
Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Tgt Ion: 77 Resp: 5291

Ion	Ratio	Lower	Upper
77	100		
97	10.5	11.4	34.2





#27

cis-1,2-Dichloroethene

Concen: 0.841 ug/l m

RT: 7.328 min Scan# 906

Delta R.T. 0.012 min

Lab File: VN072735.D

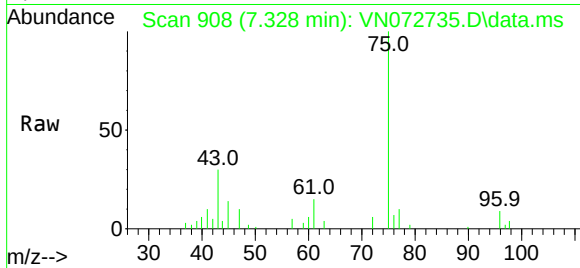
Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



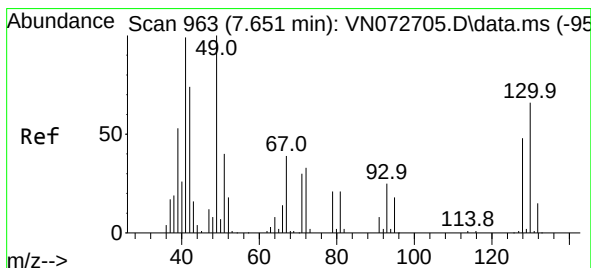
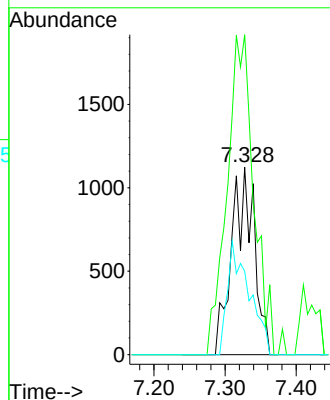
Tgt Ion:	96	Resp:	246
Ion Ratio	Lower	Upper	
96	100		
61	203.8	0.0	280.6
98	59.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#28

Bromochloromethane

Concen: 0.676 ug/l

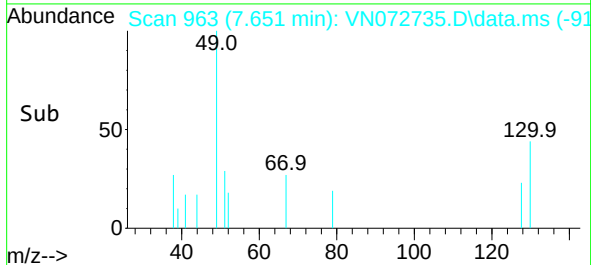
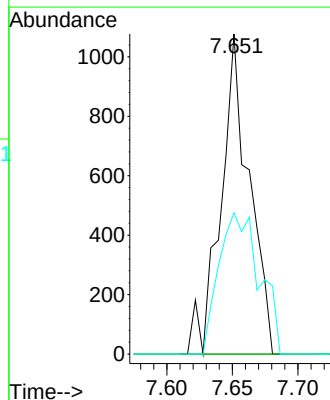
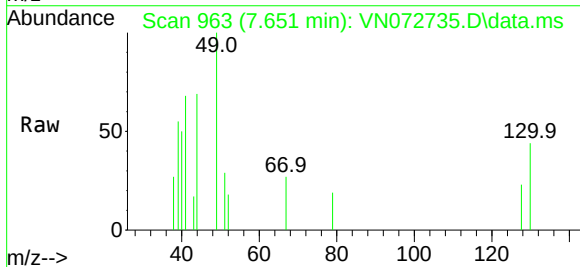
RT: 7.651 min Scan# 963

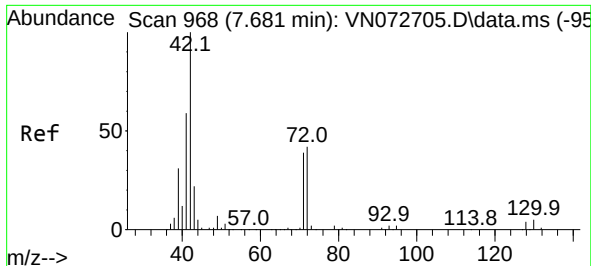
Delta R.T. 0.000 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Tgt Ion:	49	Resp:	1625
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	4.6
130	63.1	69.7	104.5





#29

Tetrahydrofuran

Concen: 4.435 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.005 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 42 Resp: 822

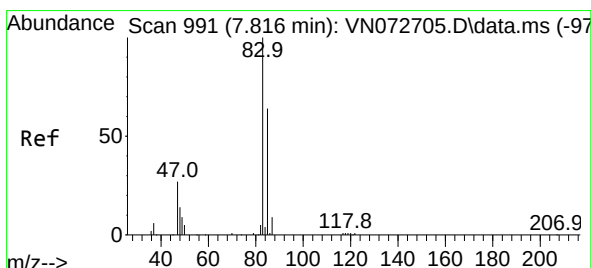
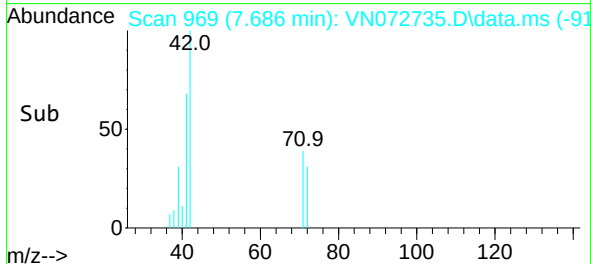
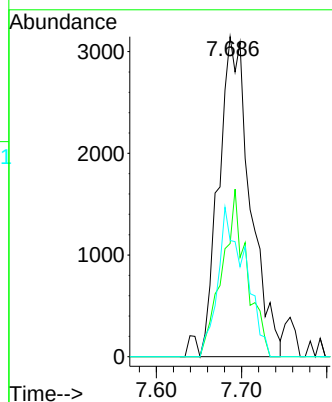
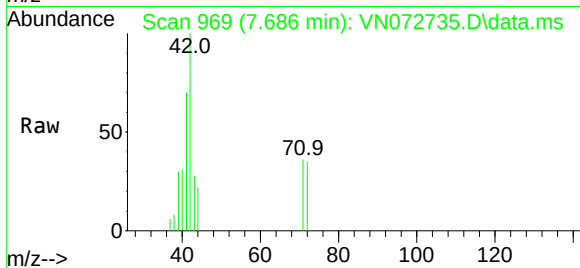
Ion	Ratio	Lower	Upper
42	100		
72	40.4	39.7	59.5
71	39.6	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#30

Chloroform

Concen: 0.832 ug/l

RT: 7.816 min Scan# 991

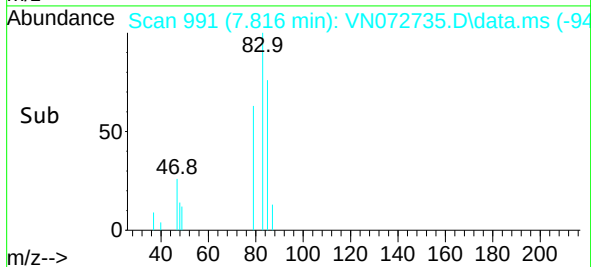
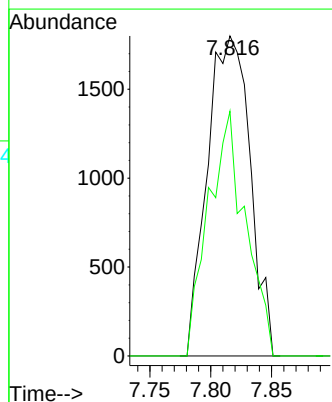
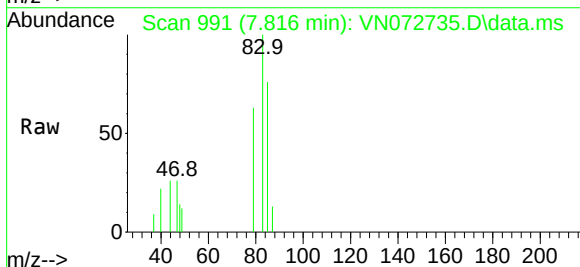
Delta R.T. -0.000 min

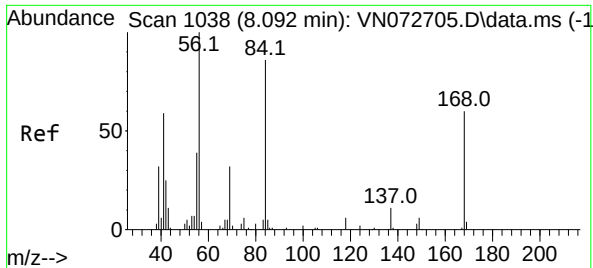
Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Tgt Ion: 83 Resp: 4411

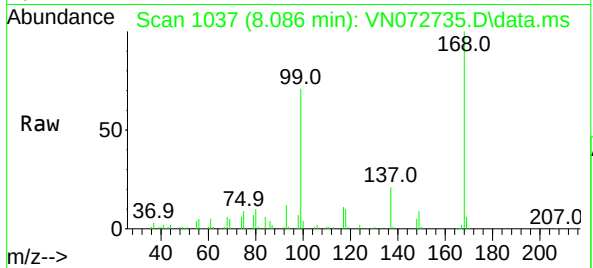
Ion	Ratio	Lower	Upper
83	100		
85	76.4	51.8	77.8





#31
Cyclohexane
Concen: 1.892 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

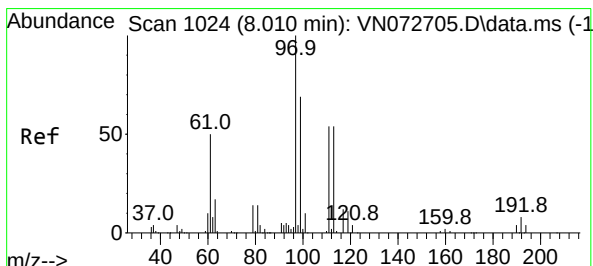
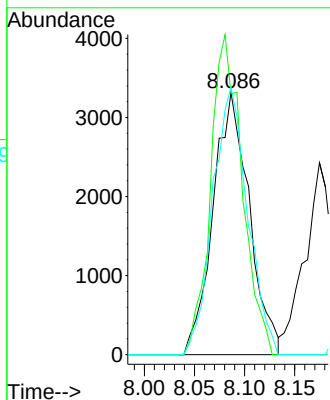
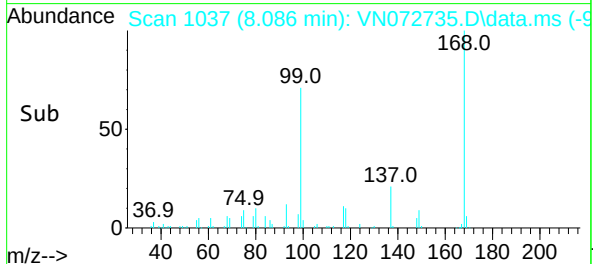
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



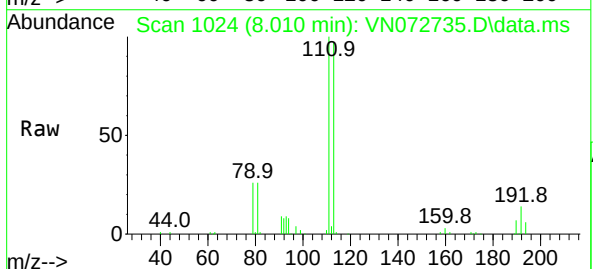
Tgt Ion: 56 Resp: 8328
Ion Ratio Lower Upper
56 100
69 99.5 27.8 41.8
84 102.0 76.9 115.3

Manual Integrations
APPROVED

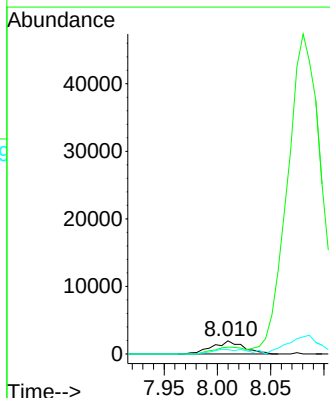
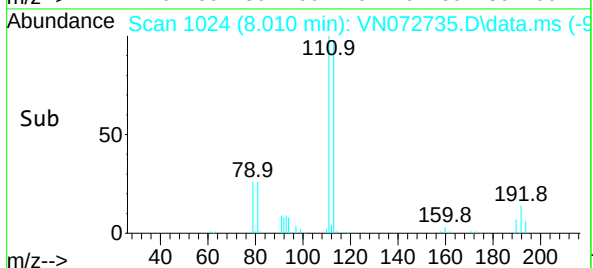
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

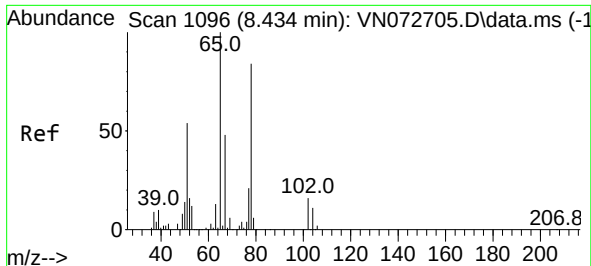


#32
1,1,1-Trichloroethane
Concen: 0.832 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



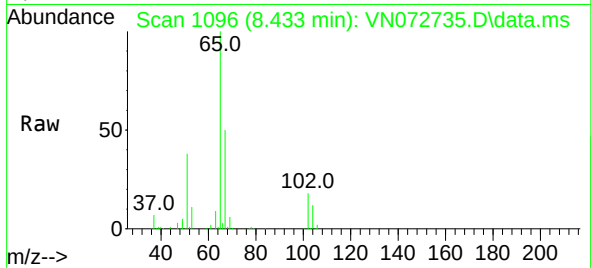
Tgt Ion: 97 Resp: 3898
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0
61 37.5 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 53.915 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

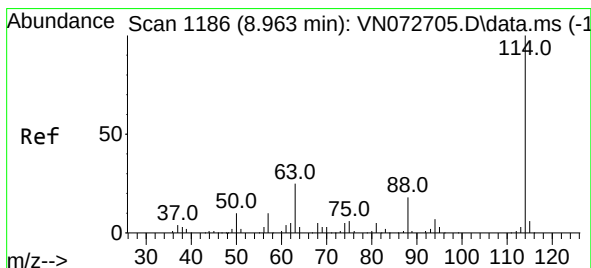
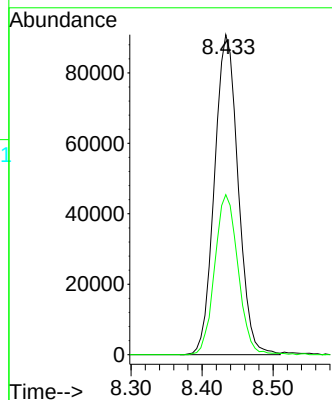
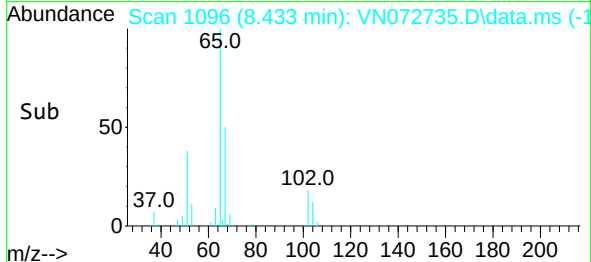
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



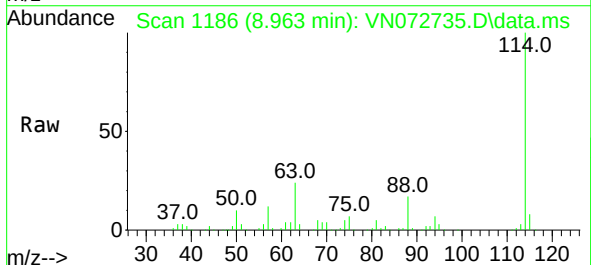
Tgt Ion: 65 Resp: 20994
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.8

Manual Integrations
APPROVED

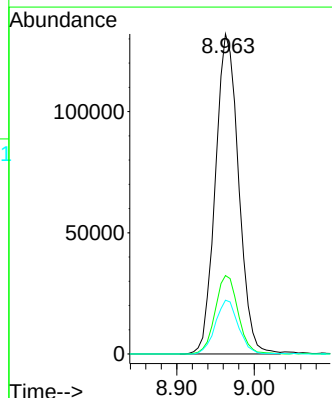
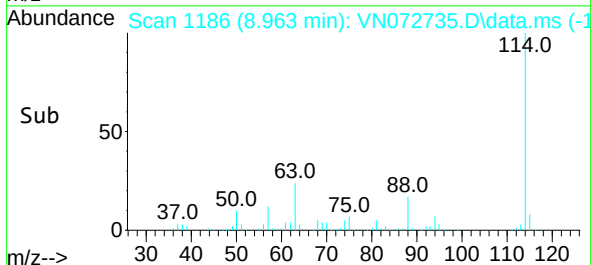
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

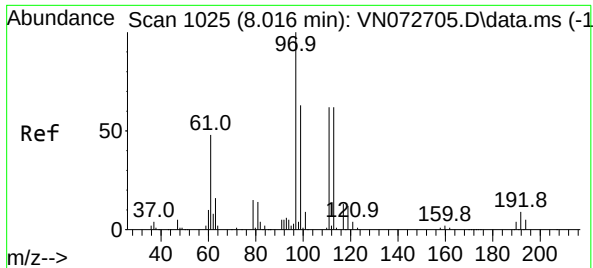


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



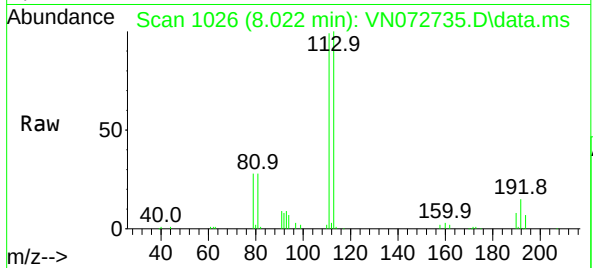
Tgt Ion:114 Resp: 275420
Ion Ratio Lower Upper
114 100
63 24.5 0.0 40.0
88 16.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.953 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

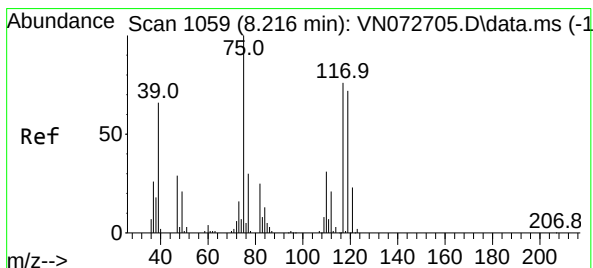
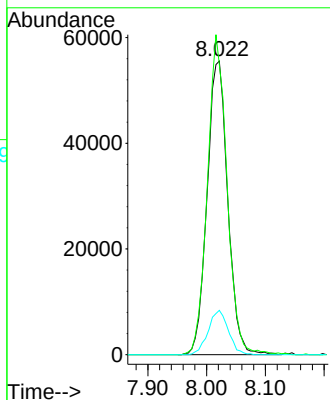
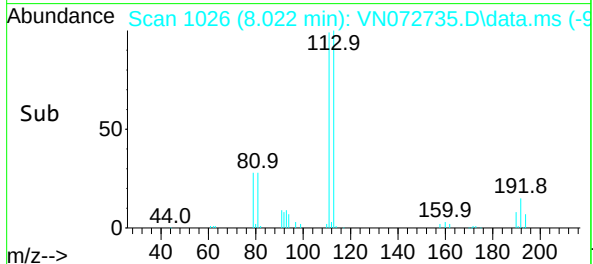
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 113 Resp: 13613
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 14.7 17.0 25.6

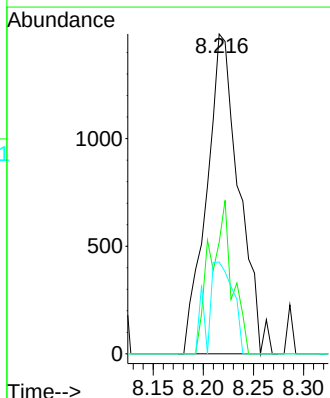
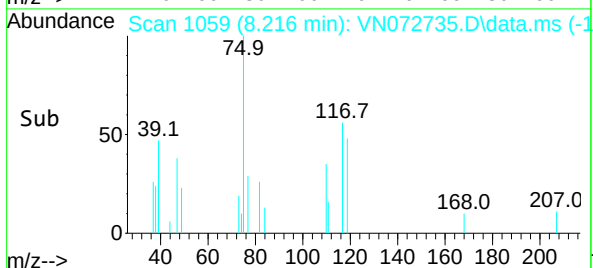
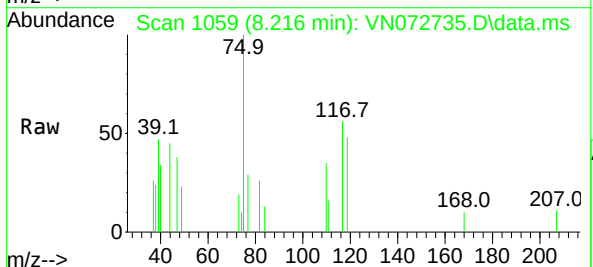
Manual Integrations
APPROVED

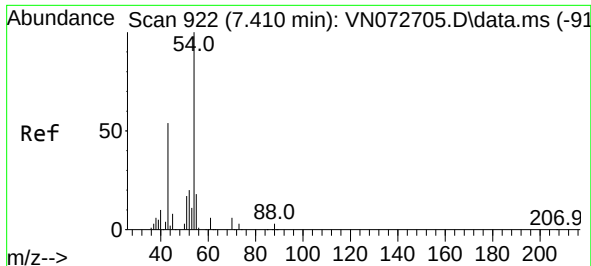
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#36
1,1-Dichloropropene
Concen: 0.886 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

Tgt Ion: 75 Resp: 3352
Ion Ratio Lower Upper
75 100
110 32.6 18.3 54.8
77 22.3 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.771 ug/l

RT: 7.422 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN072735.D

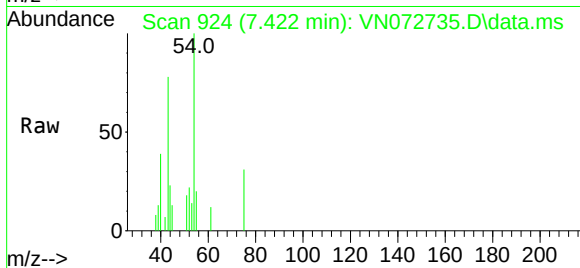
Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

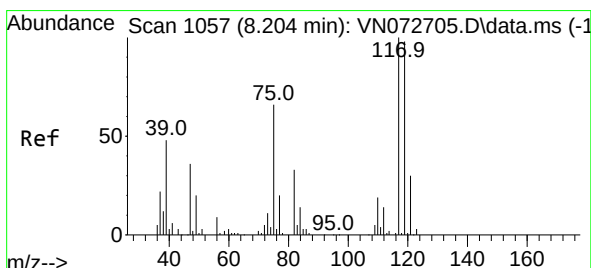
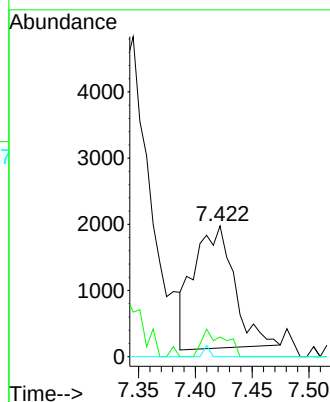


Tgt Ion: 43	Resp: 453
Ion Ratio	Lower Upper
43	100
61	12.9 11.8 17.6
70	1.3 9.3 13.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#38

Carbon Tetrachloride

Concen: 0.792 ug/l

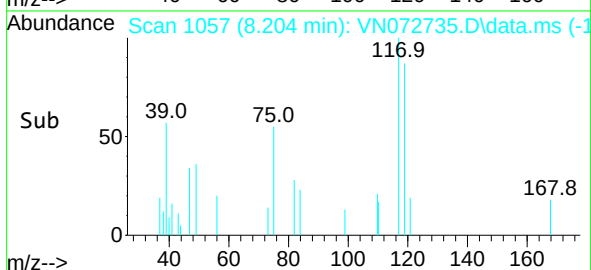
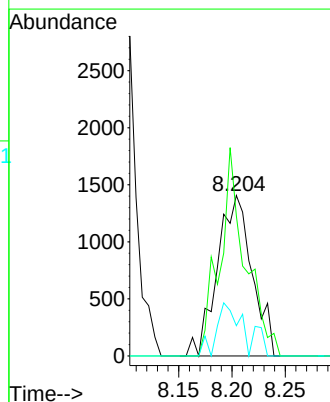
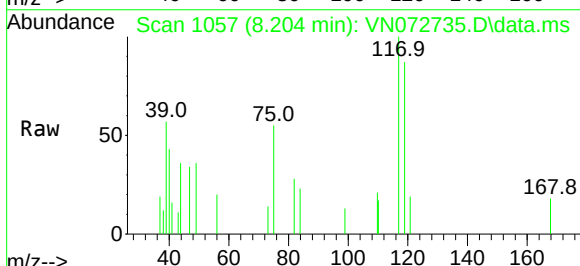
RT: 8.204 min Scan# 1057

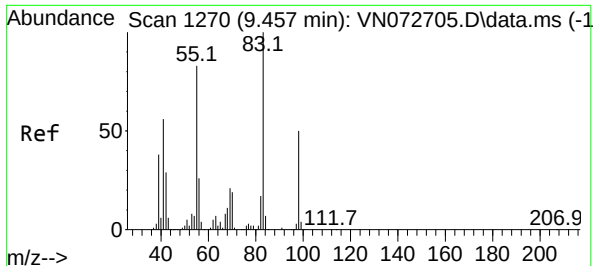
Delta R.T. 0.000 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Tgt Ion: 117	Resp: 3200
Ion Ratio	Lower Upper
117	100
119	87.3 75.8 113.8
121	18.8 24.6 37.0





#39

Methylcyclohexane

Concen: 0.792 ug/l

RT: 9.457 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VN072735.D

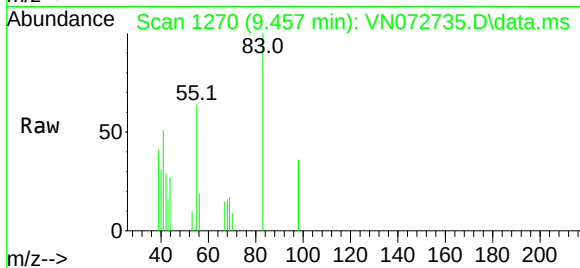
Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



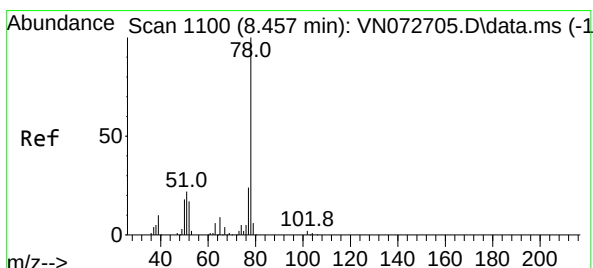
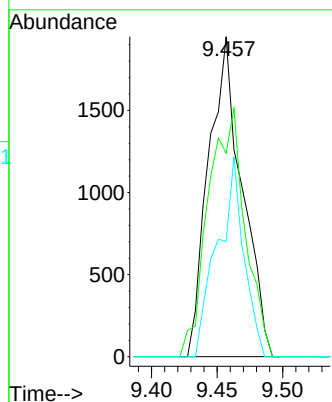
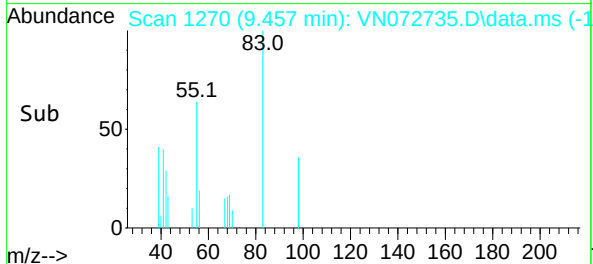
Tgt Ion:	83	Resp:	3470
Ion	Ratio	Lower	Upper
83	100		
55	63.6	57.8	86.8
98	36.0	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#40

Benzene

Concen: 0.832 ug/l

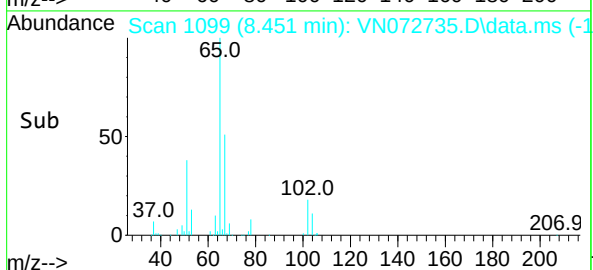
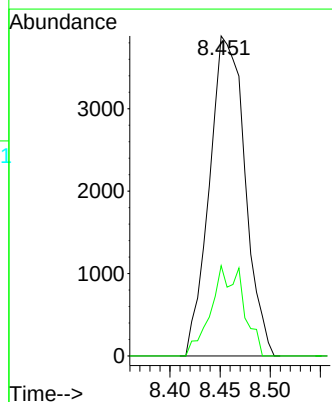
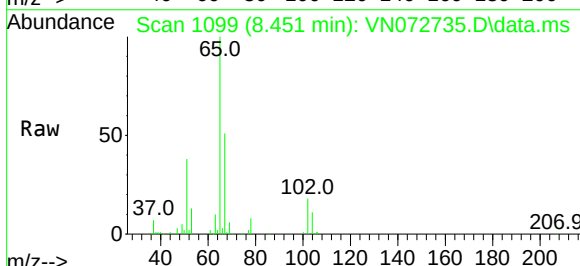
RT: 8.451 min Scan# 1099

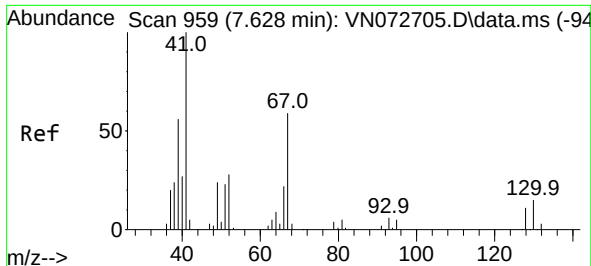
Delta R.T. -0.006 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

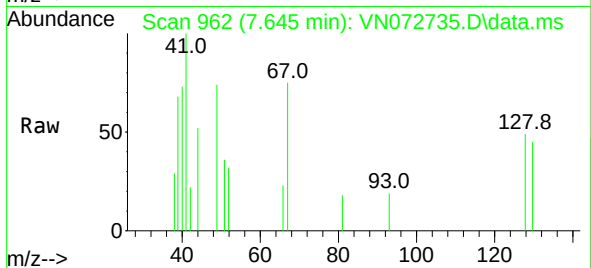
Tgt Ion:	78	Resp:	9550
Ion	Ratio	Lower	Upper
78	100		
77	28.2	19.4	29.0





#41
Methacrylonitrile
Concen: 1.094 ug/l
RT: 7.645 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

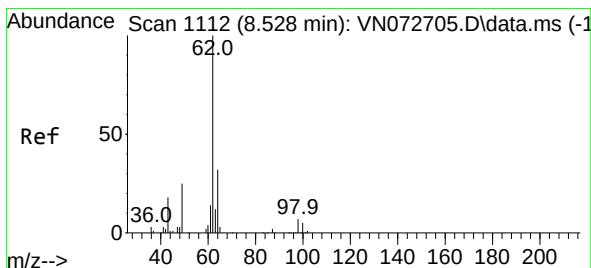
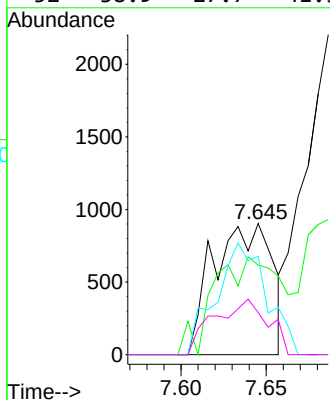
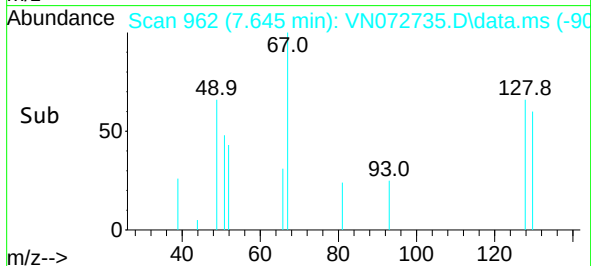
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



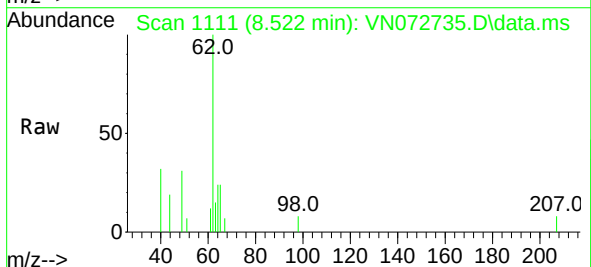
Tgt Ion: 41 Resp: 216
Ion Ratio Lower Upper
41 100
39 37.4 48.6 73.0
67 73.5 73.4 110.2
52 38.9 27.7 41.5

Manual Integrations
APPROVED

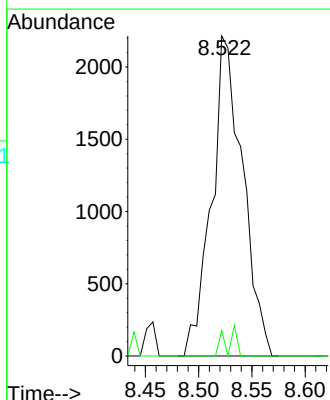
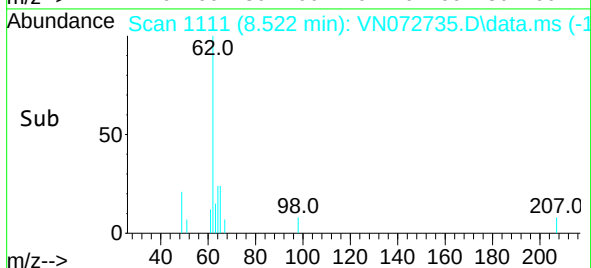
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

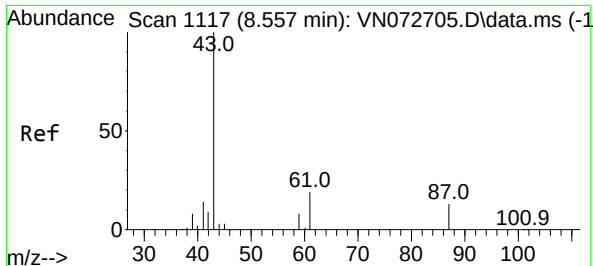


#42
1,2-Dichloroethane
Concen: 0.943 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



Tgt Ion: 62 Resp: 4489
Ion Ratio Lower Upper
62 100
98 1.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 0.836 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

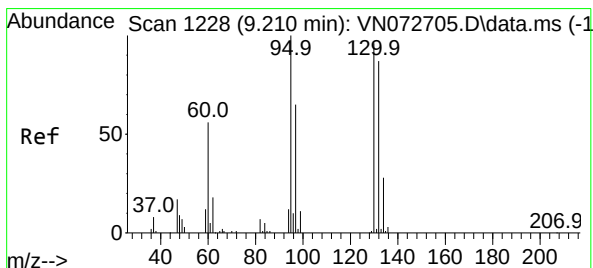
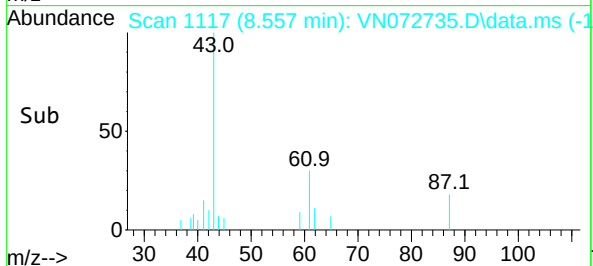
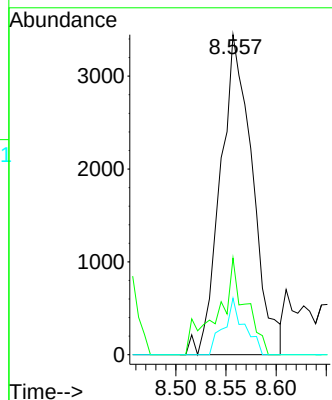
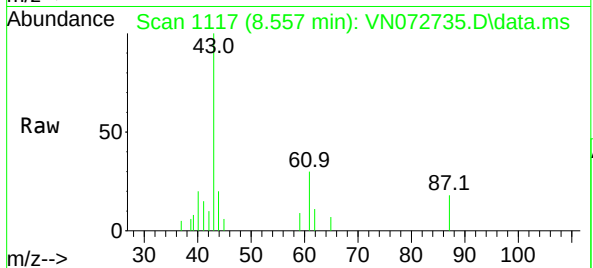
Tgt Ion: 43	Resp: 7654
Ion Ratio	Lower Upper
43 100	
61 26.8	21.9 32.9
87 11.3	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#44

Trichloroethene

Concen: 0.824 ug/l

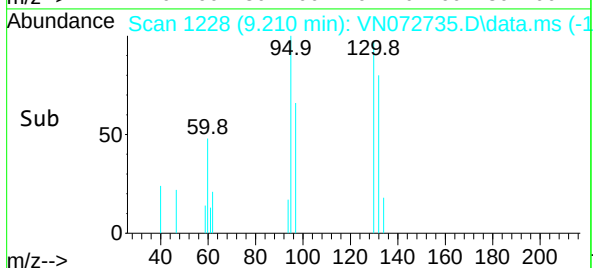
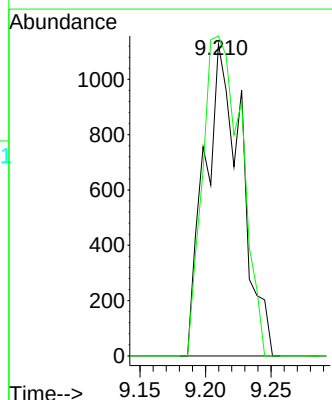
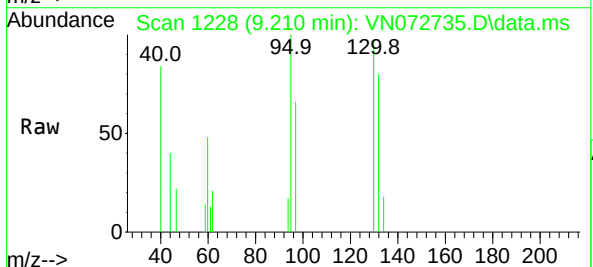
RT: 9.210 min Scan# 1228

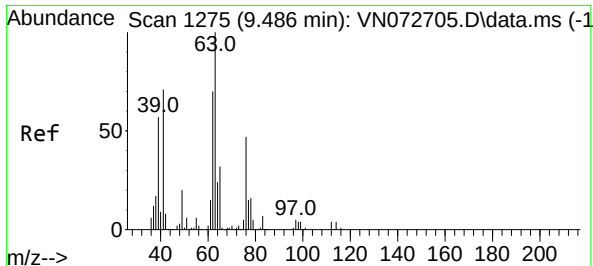
Delta R.T. -0.000 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Tgt Ion:130	Resp: 2201
Ion Ratio	Lower Upper
130 100	
95 102.6	0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.837 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

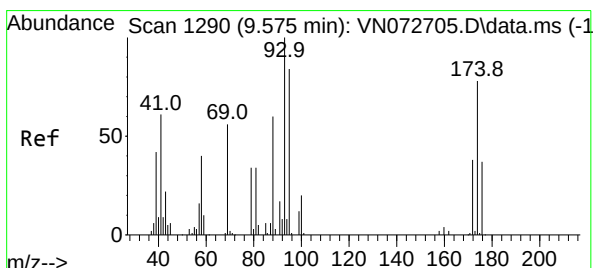
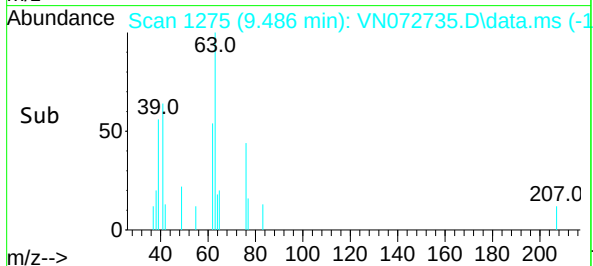
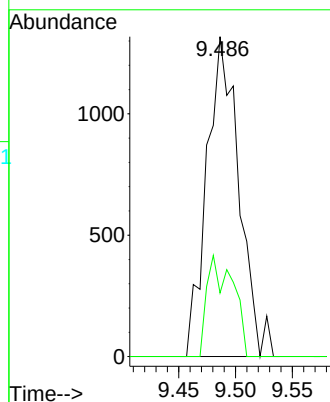
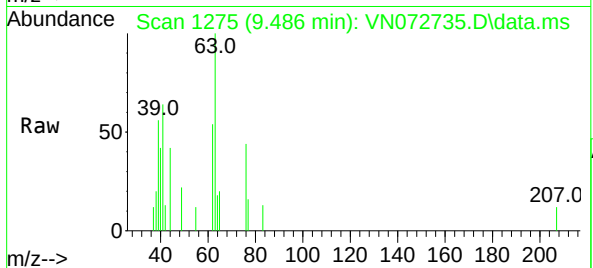
Tgt Ion:	63	Resp:	2590
Ion Ratio	Lower	Upper	
63	100		
65	19.9	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#46

Dibromomethane

Concen: 0.787 ug/l

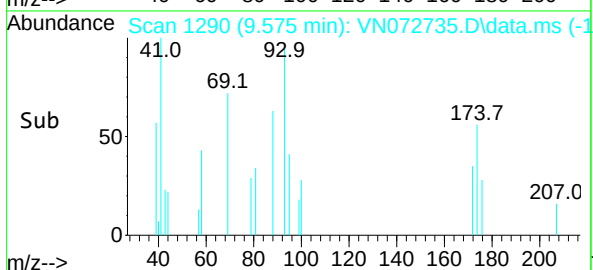
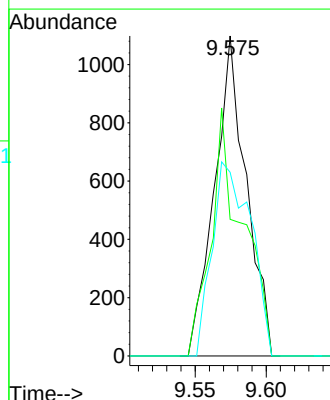
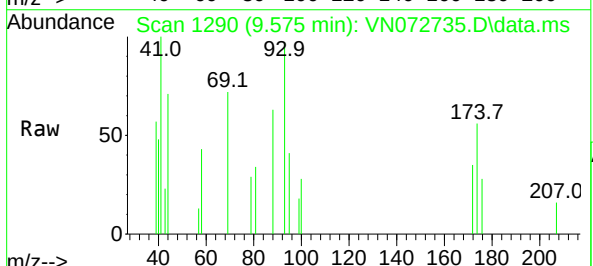
RT: 9.575 min Scan# 1290

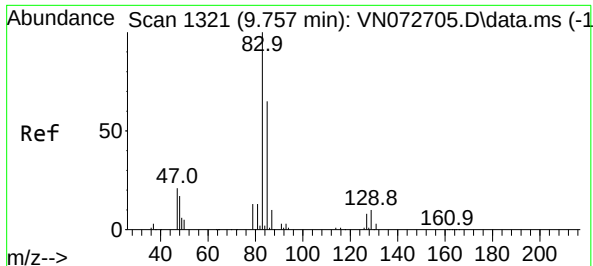
Delta R.T. -0.000 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

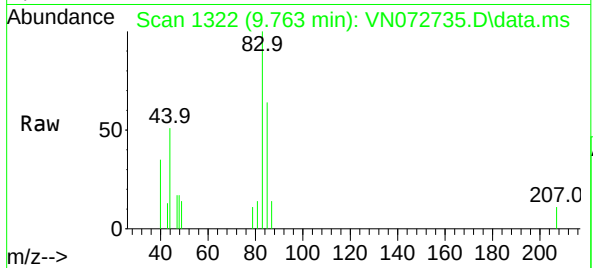
Tgt Ion:	93	Resp:	1707
Ion Ratio	Lower	Upper	
93	100		
95	76.4	66.9	100.3
174	73.5	86.6	130.0





#47
Bromodichloromethane
Concen: 0.674 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

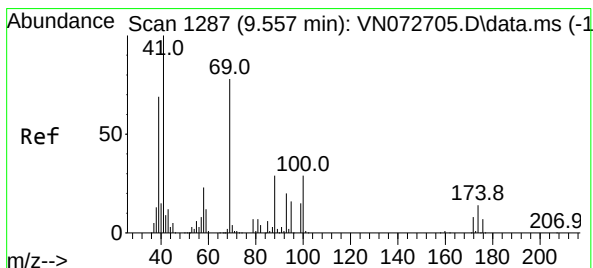
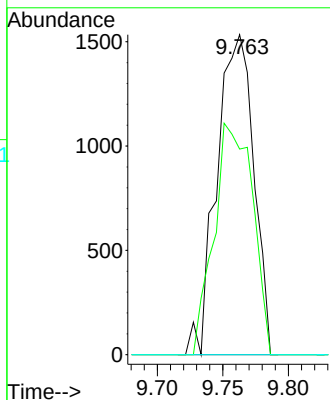
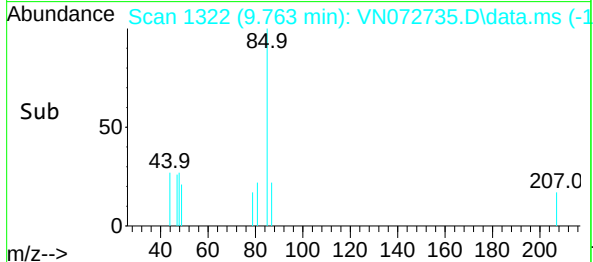
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



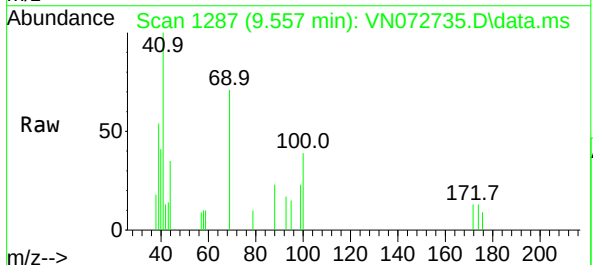
Tgt Ion: 83 Resp: 3004
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 0.0 6.8 10.2

Manual Integrations
APPROVED

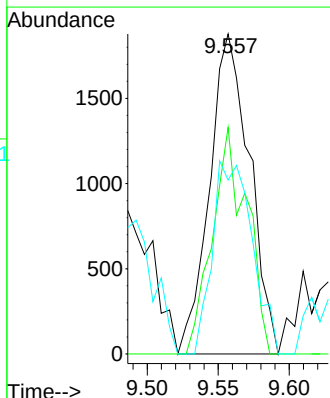
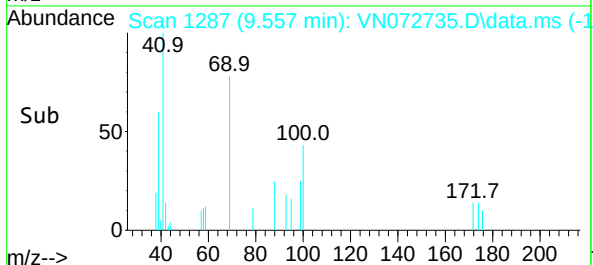
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

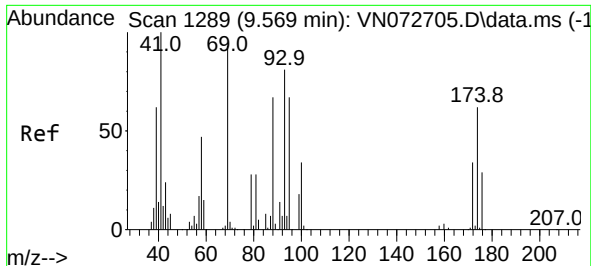


#48
Methyl methacrylate
Concen: 0.850 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



Tgt Ion: 41 Resp: 3682
Ion Ratio Lower Upper
41 100
69 61.5 74.7 112.1#
39 59.7 45.6 68.4





#49

1,4-Dioxane

Concen: 17.737 ug/l

RT: 9.580 min Scan# 1289

Delta R.T. 0.011 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

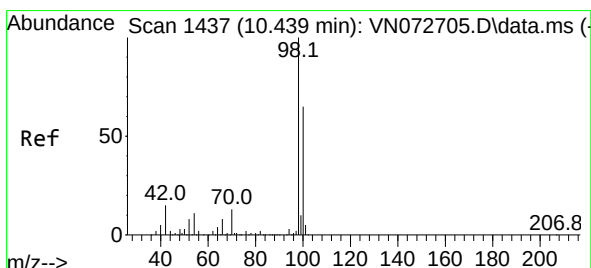
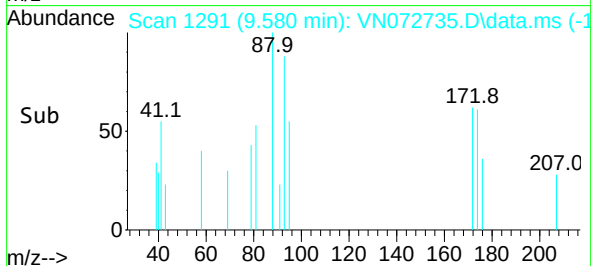
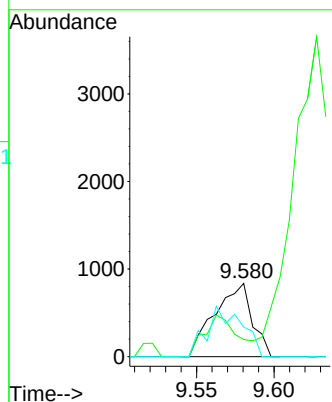
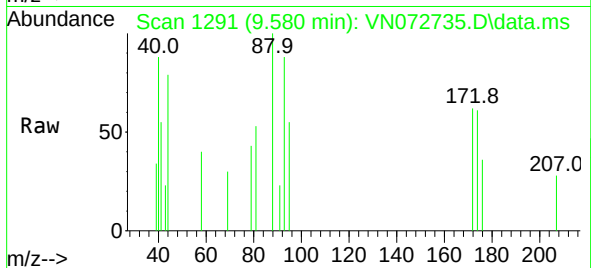
MDL-WATER-03-QT2-2022

Tgt Ion: 88	Resp: 1404
Ion Ratio	Lower Upper
88 100	
43 50.9	20.2 30.4
58 63.8	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: 48.337 ug/l

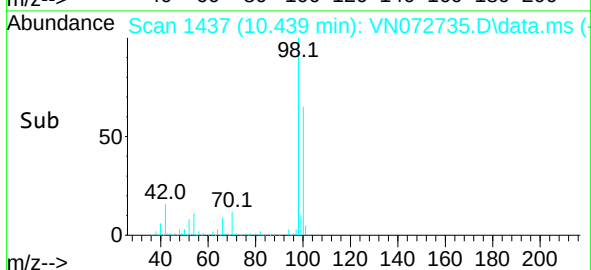
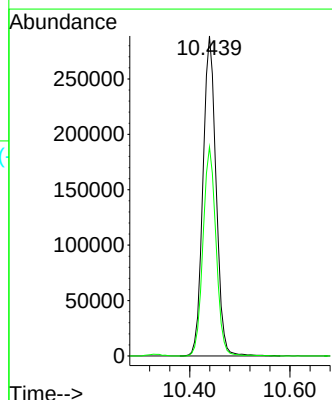
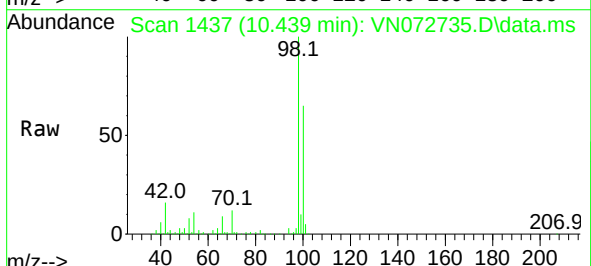
RT: 10.439 min Scan# 1437

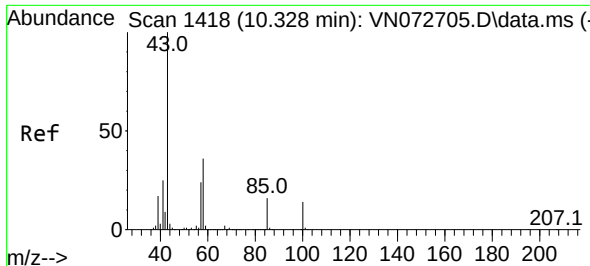
Delta R.T. 0.000 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

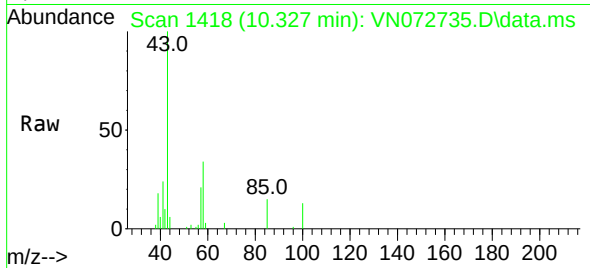
Tgt Ion: 98	Resp: 525579
Ion Ratio	Lower Upper
98 100	
100 64.7	52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 3.879 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

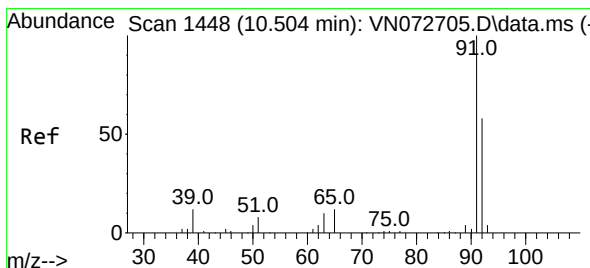
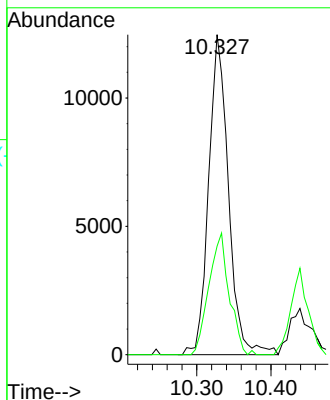
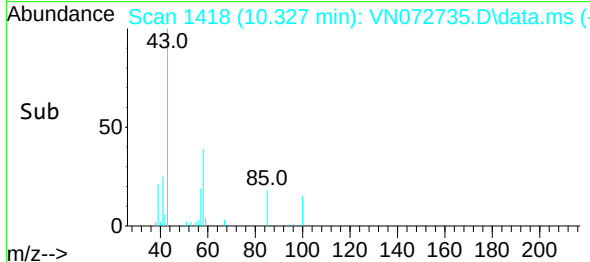
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



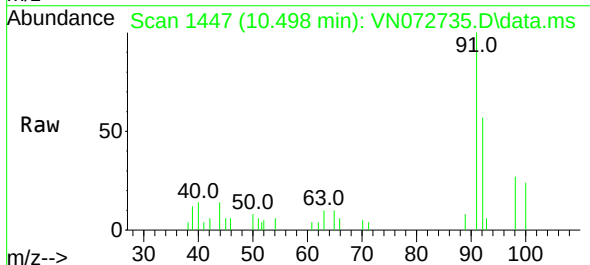
Tgt Ion: 43 Resp: 23120
Ion Ratio Lower Upper
43 100
58 39.1 34.1 51.1

Manual Integrations
APPROVED

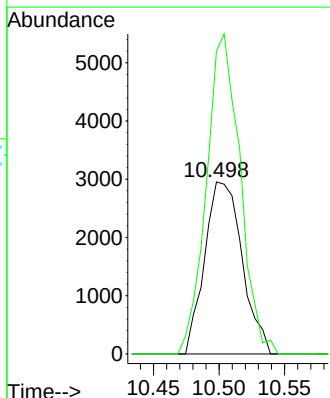
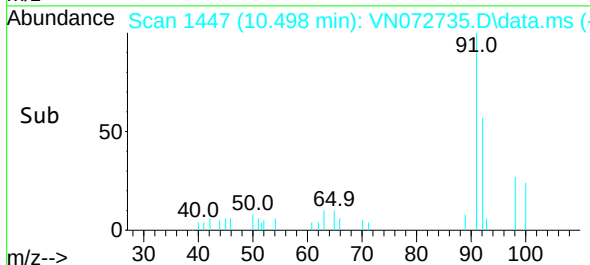
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

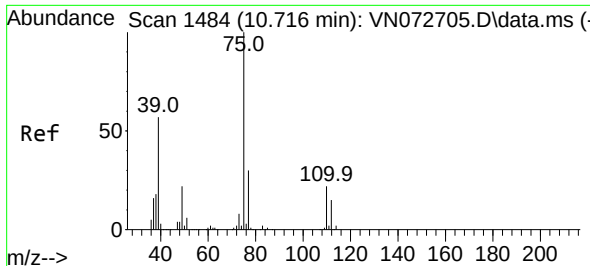


#52
Toluene
Concen: 0.819 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



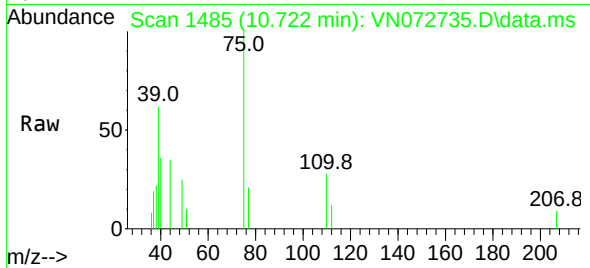
Tgt Ion: 92 Resp: 5870
Ion Ratio Lower Upper
92 100
91 167.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 0.694 ug/l
RT: 10.722 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

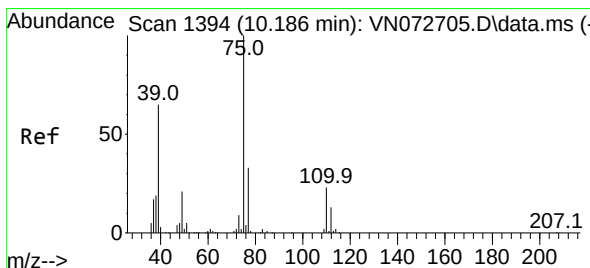
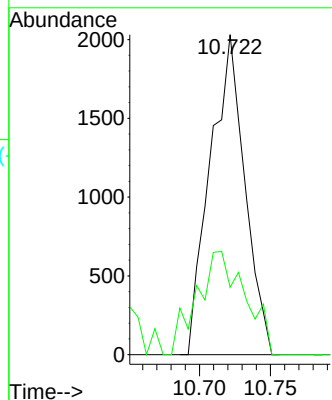
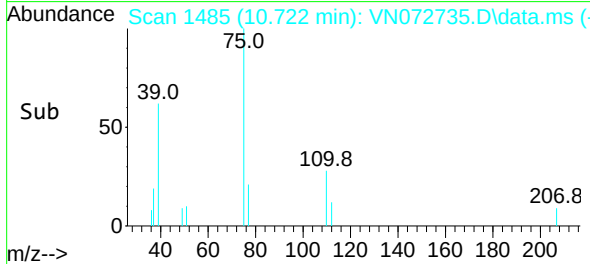
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



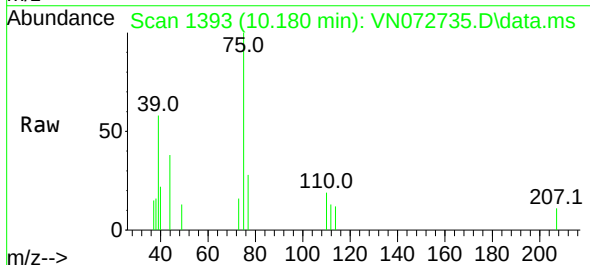
Tgt Ion: 75 Resp: 3439
Ion Ratio Lower Upper
75 100
77 21.1 25.6 38.4

Manual Integrations
APPROVED

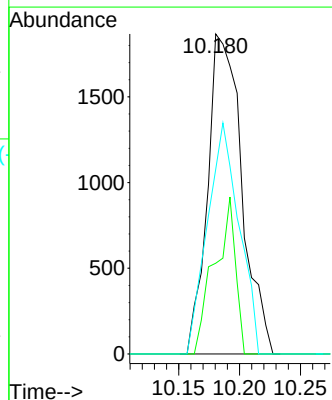
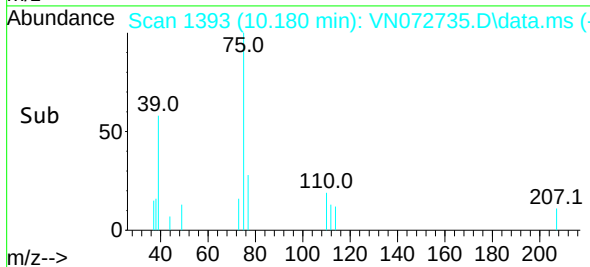
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

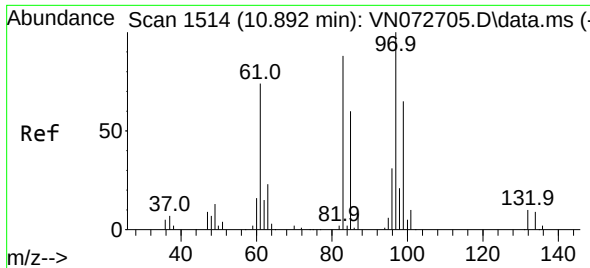


#54
cis-1,3-Dichloropropene
Concen: 0.712 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



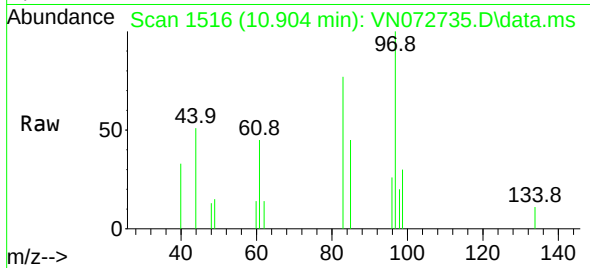
Tgt Ion: 75 Resp: 3641
Ion Ratio Lower Upper
75 100
77 28.3 25.2 37.8
39 57.7 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 0.786 ug/l
RT: 10.904 min Scan# 1516
Delta R.T. 0.012 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

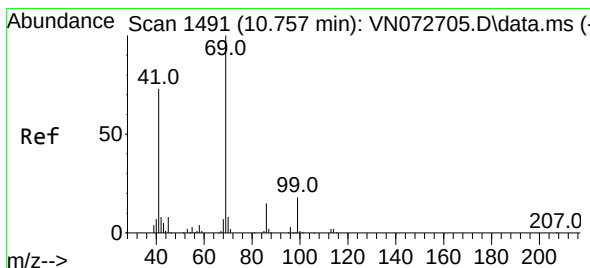
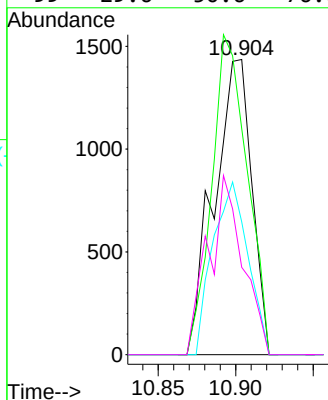
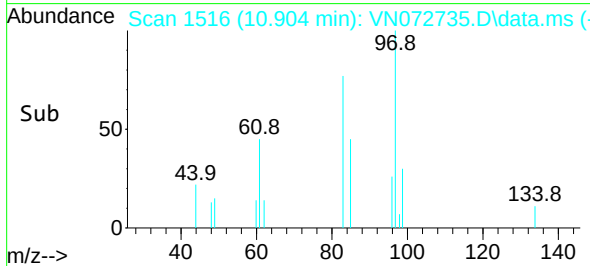
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



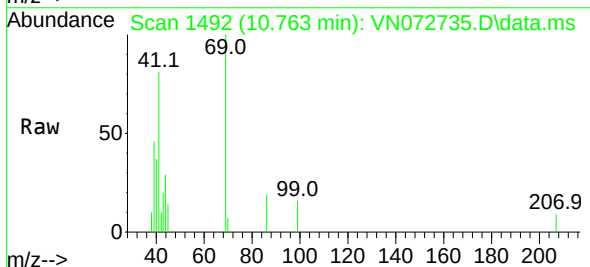
Tgt Ion: 97 Resp: 2430
Ion Ratio Lower Upper
97 100
83 76.6 66.2 99.4
85 45.0 43.9 65.9
99 29.6 50.6 76.0#

Manual Integrations
APPROVED

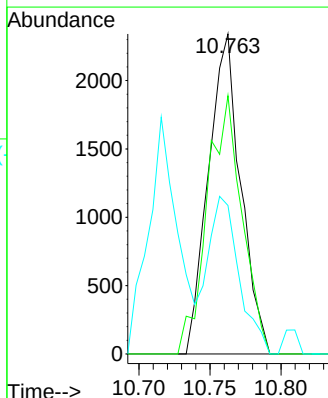
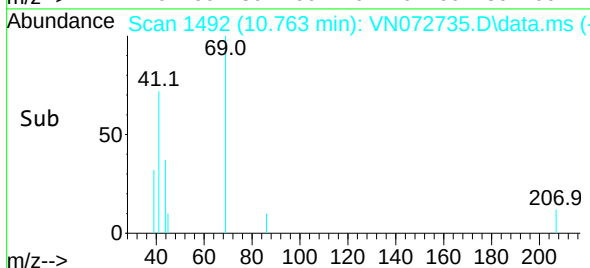
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

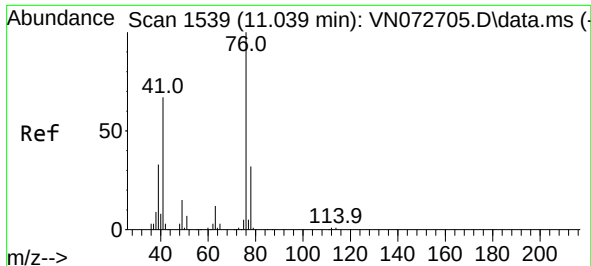


#56
Ethyl methacrylate
Concen: 0.678 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



Tgt Ion: 69 Resp: 3710
Ion Ratio Lower Upper
69 100
41 87.0 47.8 71.6#
39 47.7 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 0.781 ug/l

RT: 11.045 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN072735.D

Acq: 09 Jun 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 76 Resp: 431

Ion Ratio Lower Upper

76 100

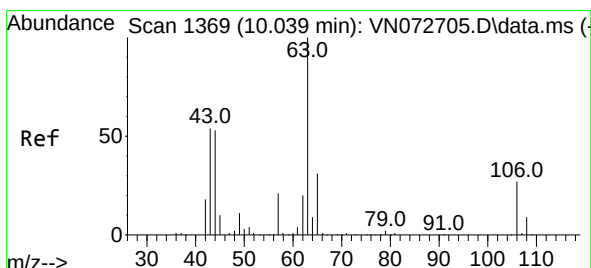
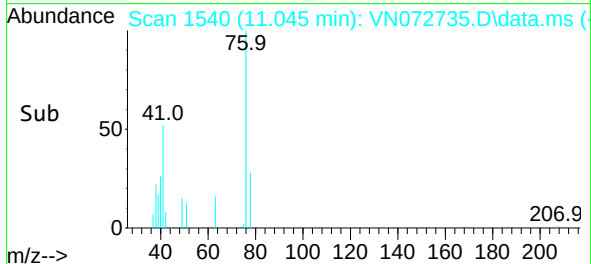
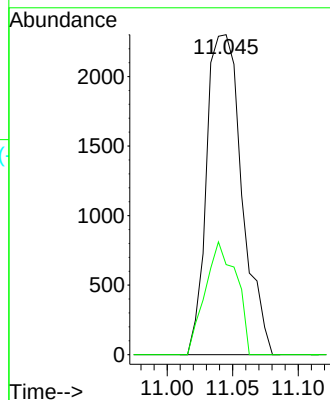
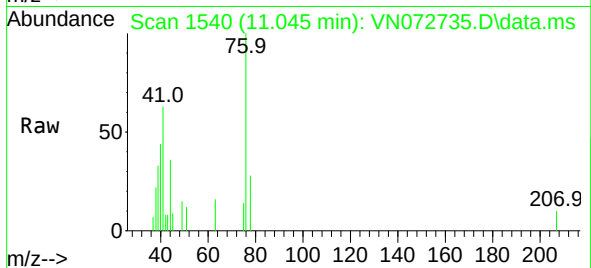
78 31.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#58

2-Chloroethyl Vinyl ether

Concen: 3.196 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072735.D

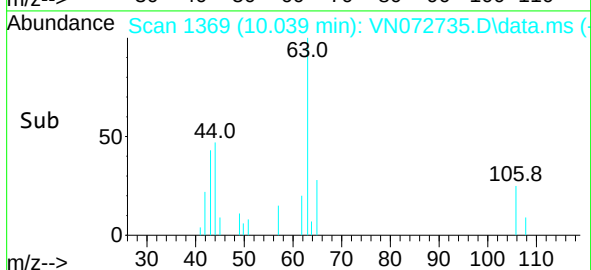
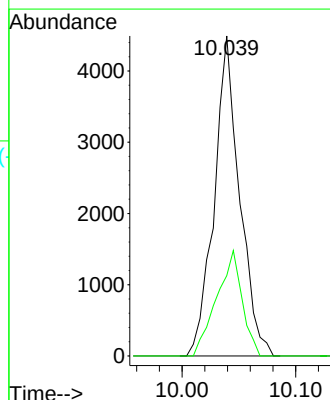
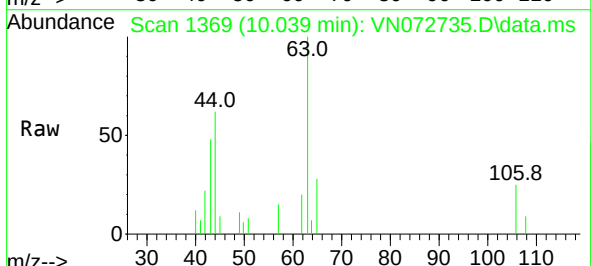
Acq: 09 Jun 2022 17:05

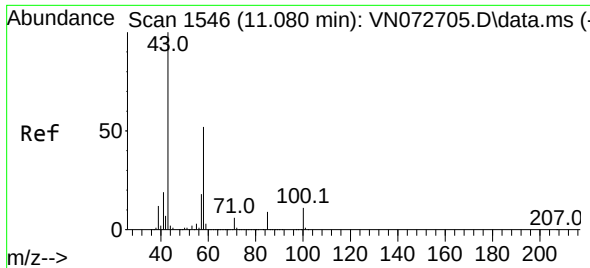
Tgt Ion: 63 Resp: 6968

Ion Ratio Lower Upper

63 100

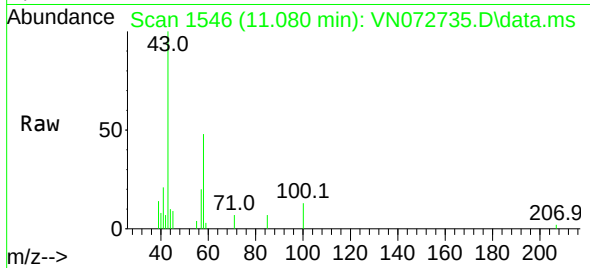
106 33.0 24.6 36.8





#59
2-Hexanone
Concen: 4.101 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

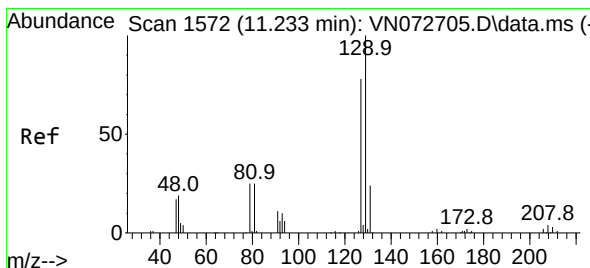
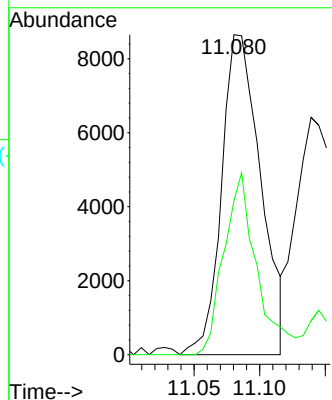
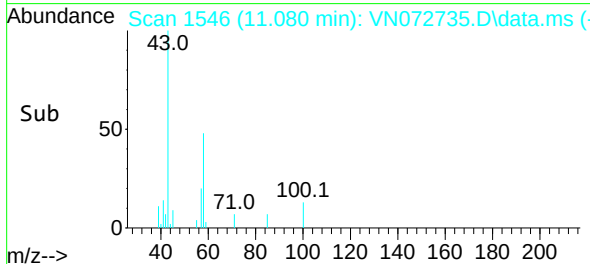
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



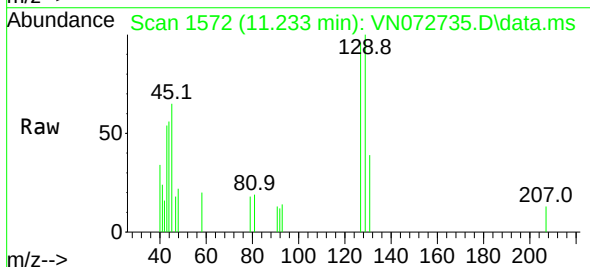
Tgt Ion: 43 Resp: 1797
Ion Ratio Lower Upper
43 100
58 47.8 29.7 89.1

Manual Integrations
APPROVED

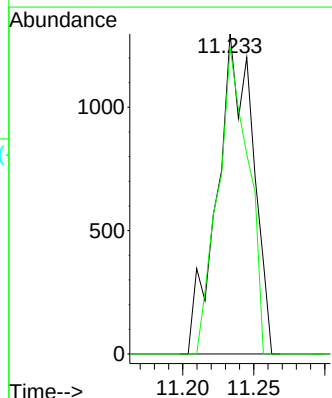
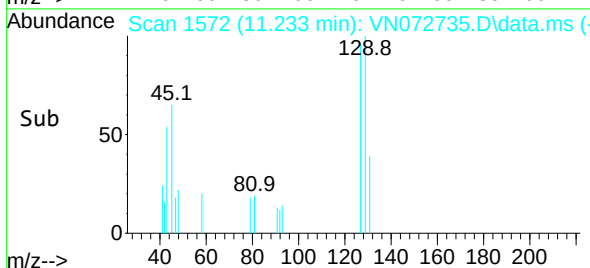
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

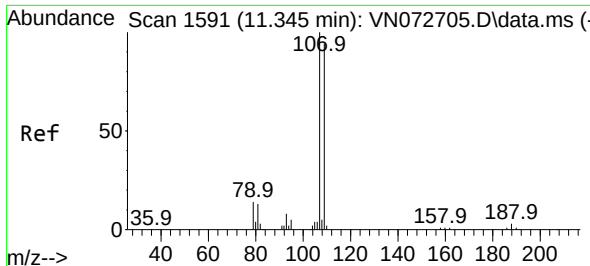


#60
Dibromochloromethane
Concen: 0.706 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



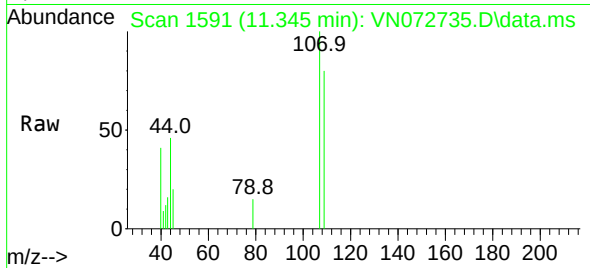
Tgt Ion:129 Resp: 2265
Ion Ratio Lower Upper
129 100
127 81.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.798 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

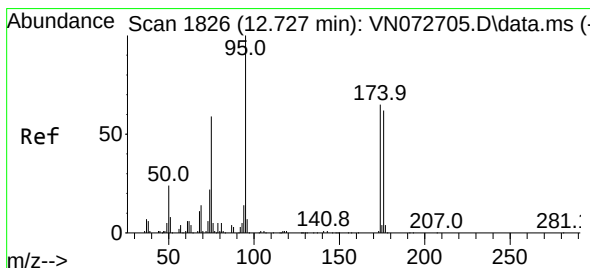
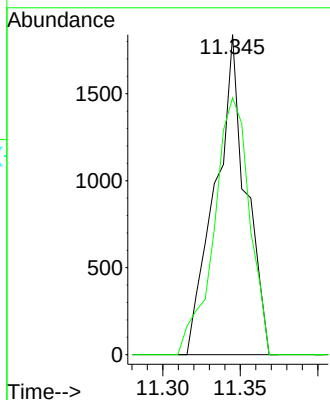
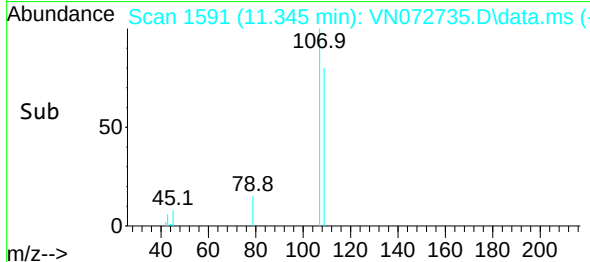
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



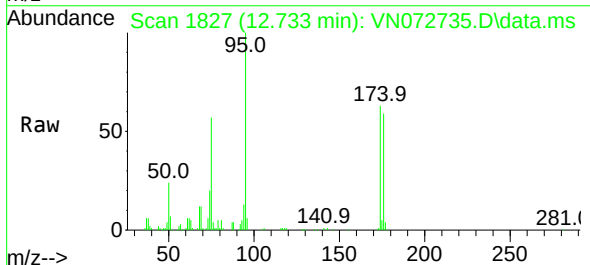
Tgt Ion: 107 Resp: 2530
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6

Manual Integrations
APPROVED

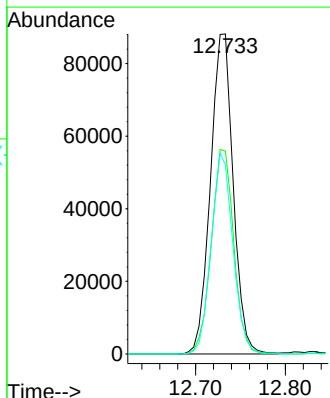
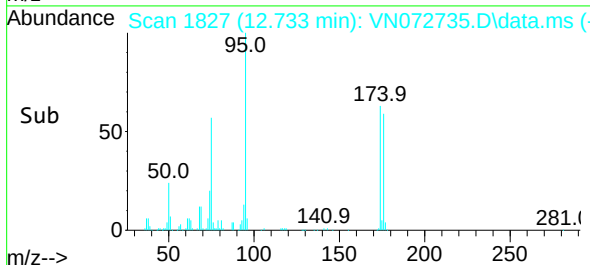
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

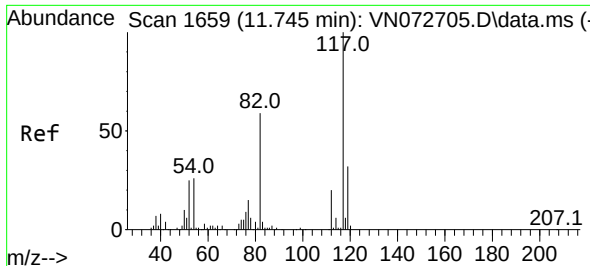


#62
4-Bromofluorobenzene
Concen: 41.581 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



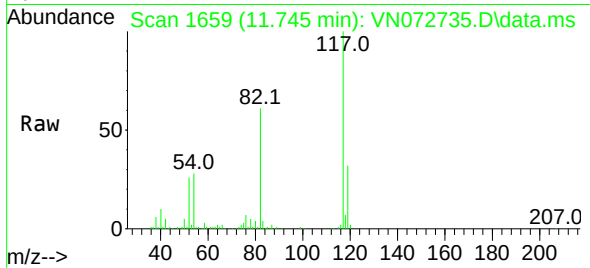
Tgt Ion: 95 Resp: 155141
Ion Ratio Lower Upper
95 100
174 63.1 0.0 167.6
176 60.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

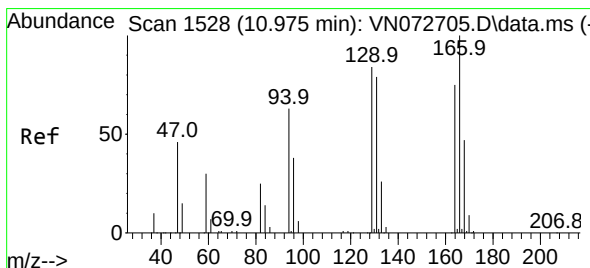
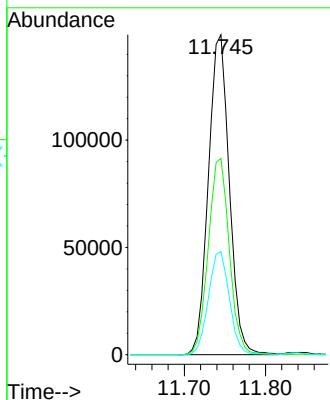
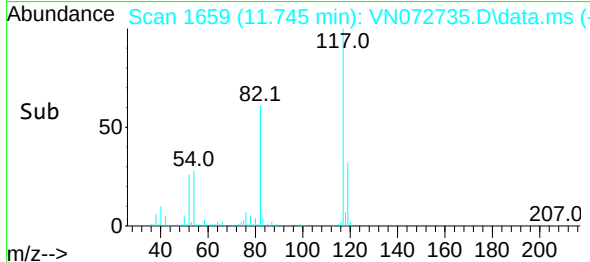
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



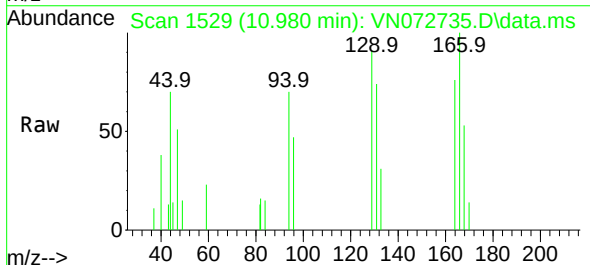
Tgt Ion:117 Resp: 26689
Ion Ratio Lower Upper
117 100
82 61.4 44.2 66.2
119 32.2 25.4 38.0

Manual Integrations
APPROVED

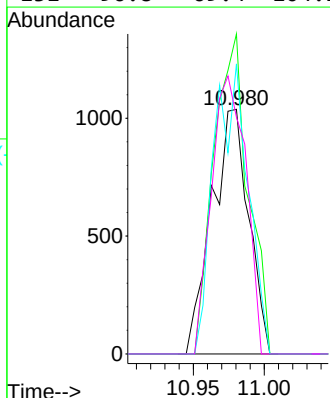
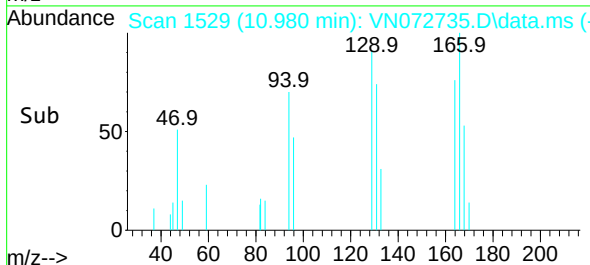
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

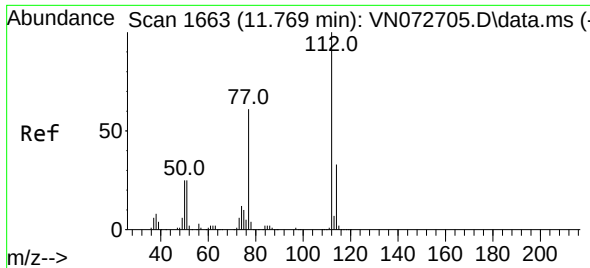


#64
Tetrachloroethene
Concen: 0.834 ug/l
RT: 10.980 min Scan# 1529
Delta R.T. 0.005 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



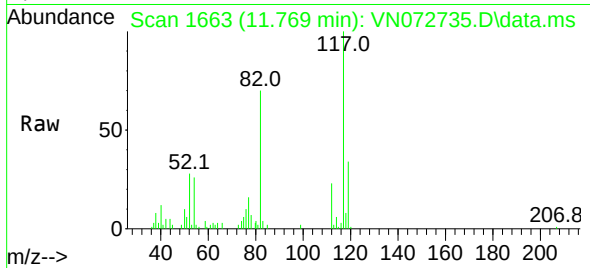
Tgt Ion:164 Resp: 1875
Ion Ratio Lower Upper
164 100
166 130.8 104.2 156.2
129 118.6 73.9 110.9#
131 96.8 69.4 104.2





#65
Chlorobenzene
Concen: 0.811 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

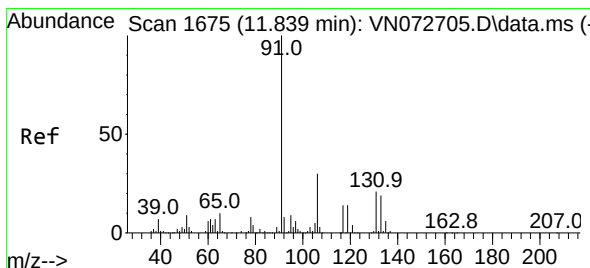
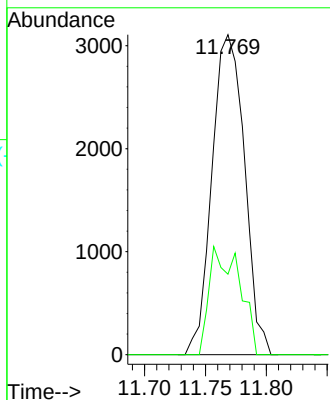
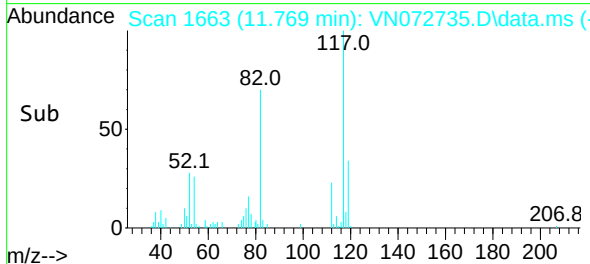
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



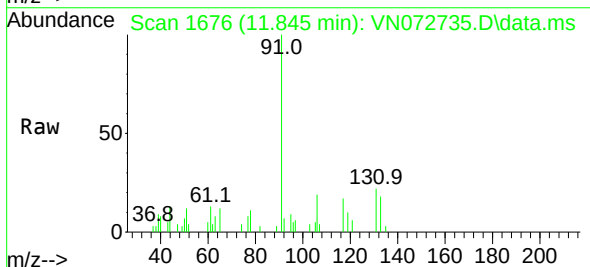
Tgt Ion:112 Resp: 576
Ion Ratio Lower Upper
112 100
114 25.2 25.4 38.2

Manual Integrations
APPROVED

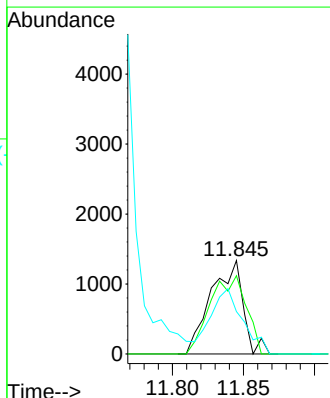
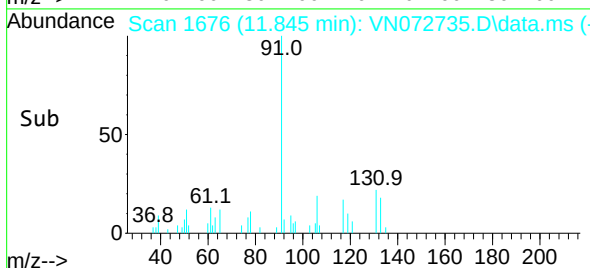
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

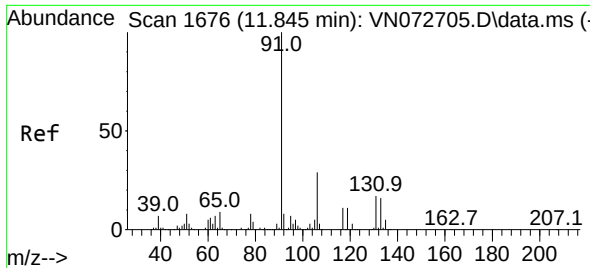


#66
1,1,1,2-Tetrachloroethane
Concen: 0.742 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



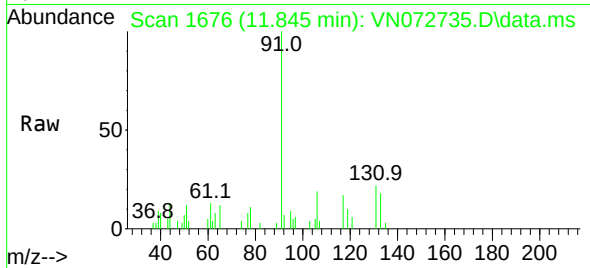
Tgt Ion:131 Resp: 2100
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 0.0 33.4 100.2





#67
Ethyl Benzene
Concen: 0.764 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

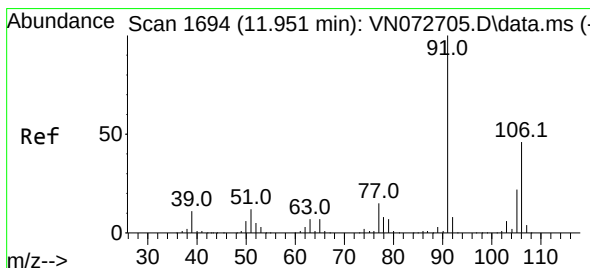
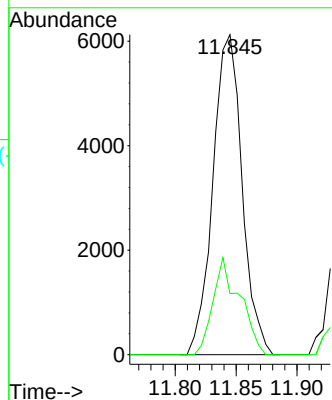
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 91 Resp: 10210
Ion Ratio Lower Upper
91 100
106 19.1 24.9 37.3

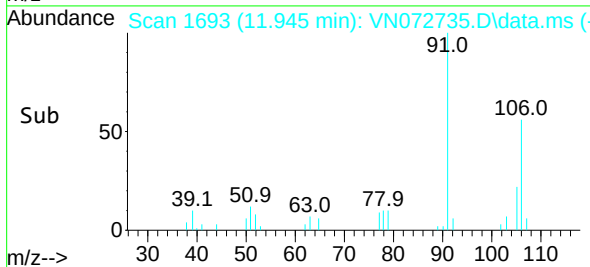
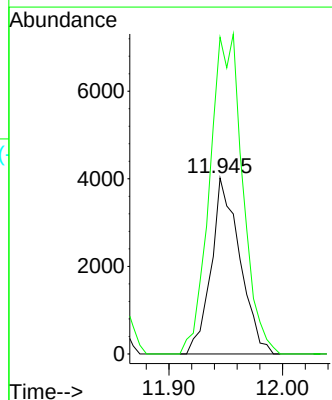
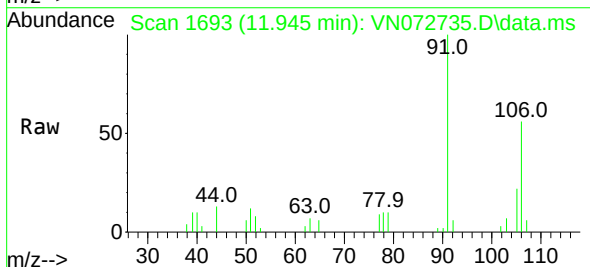
Manual Integrations
APPROVED

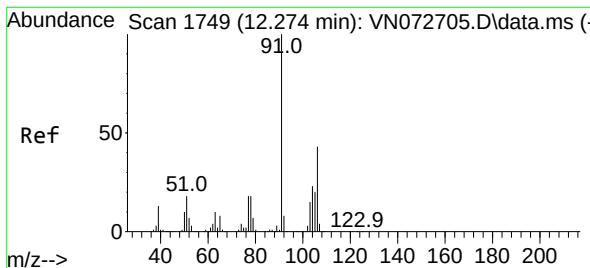
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#68
m/p-Xylenes
Concen: 1.479 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

Tgt Ion:106 Resp: 7028
Ion Ratio Lower Upper
106 100
91 208.9 158.9 238.3





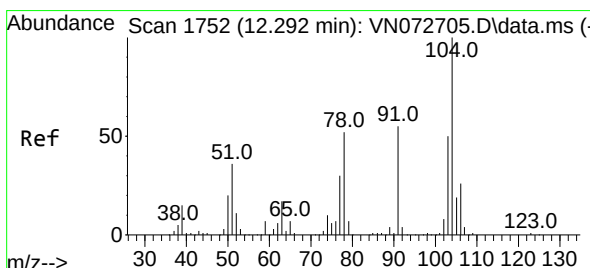
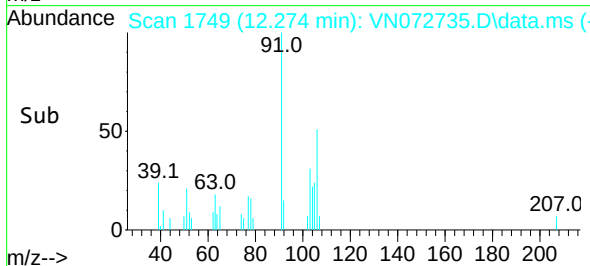
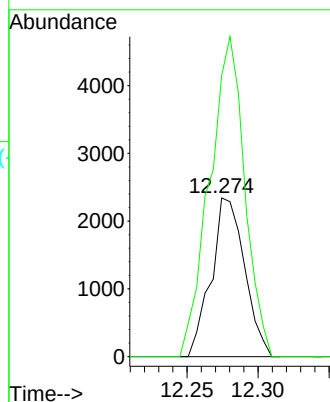
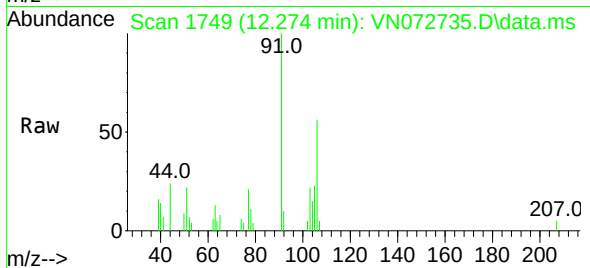
#69
o-Xylene
Concen: 0.801 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

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

Tgt Ion:106 Resp: 3820
Ion Ratio Lower Upper
106 100
91 212.3 106.0 318.0

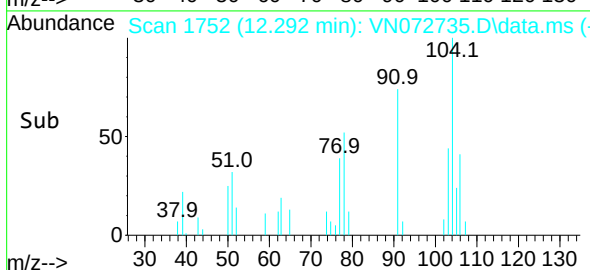
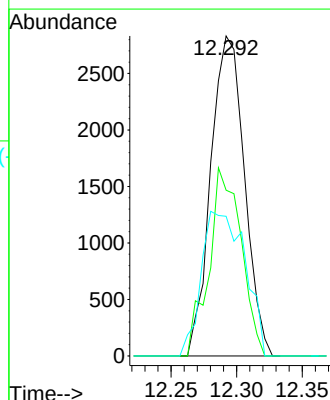
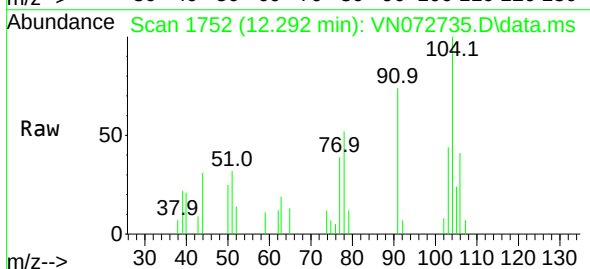
Manual Integrations APPROVED

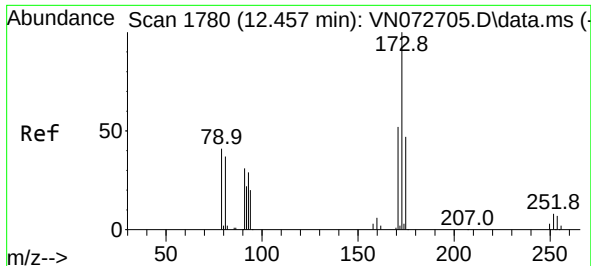
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#70
Styrene
Concen: 0.673 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

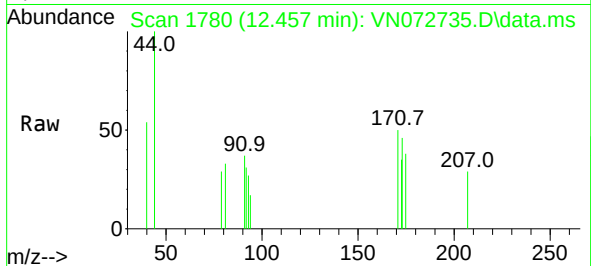
Tgt Ion:104 Resp: 5056
Ion Ratio Lower Upper
104 100
78 55.9 39.5 59.3
103 58.3 44.0 66.0





#71
Bromoform
Concen: 0.600 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

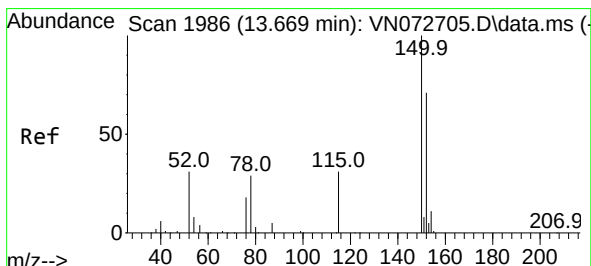
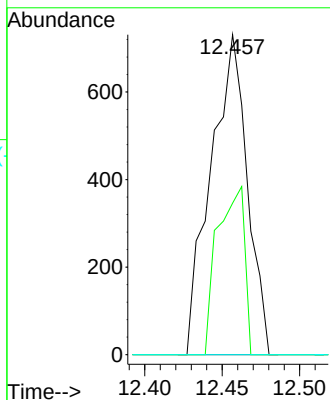
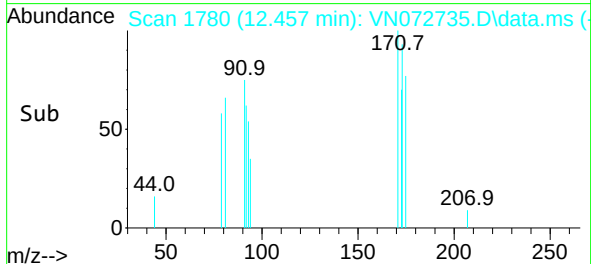
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



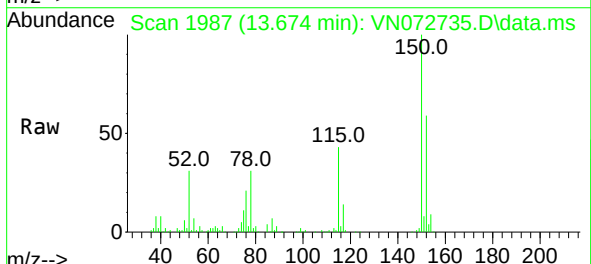
Tgt Ion:173 Resp: 1194
Ion Ratio Lower Upper
173 100
175 38.9 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

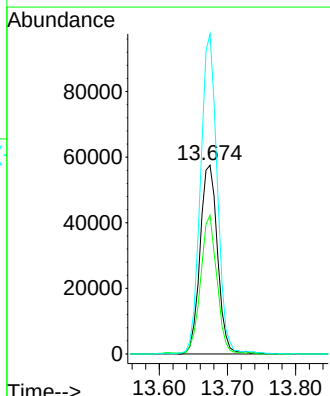
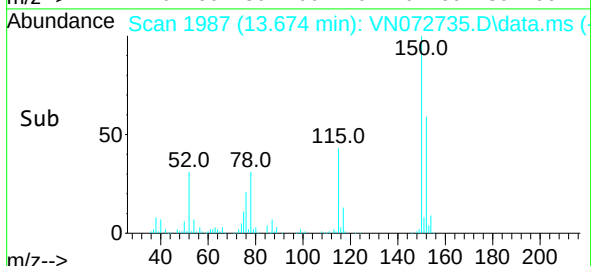
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

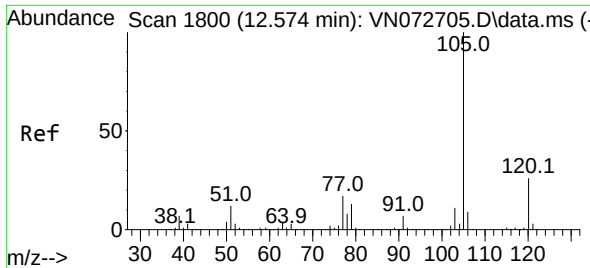


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



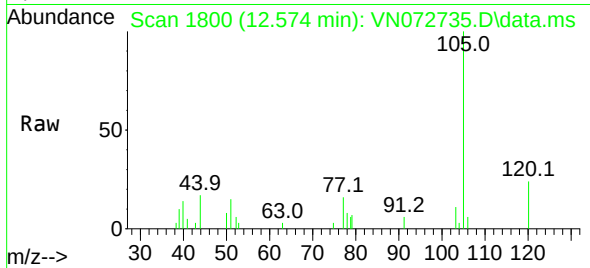
Tgt Ion:152 Resp: 102724
Ion Ratio Lower Upper
152 100
115 68.6 28.9 86.7
150 162.1 0.0 356.2





#73
Isopropylbenzene
Concen: 0.776 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

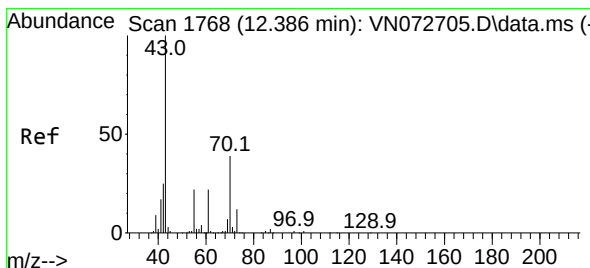
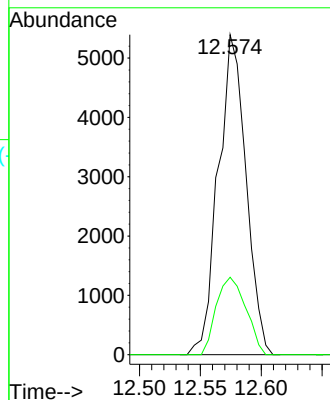
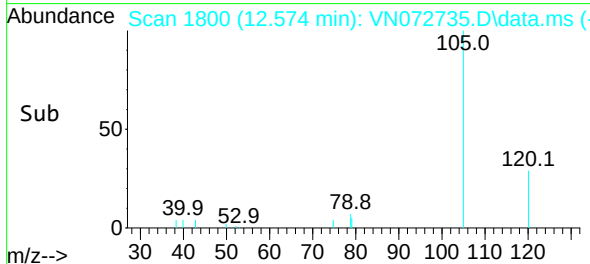
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



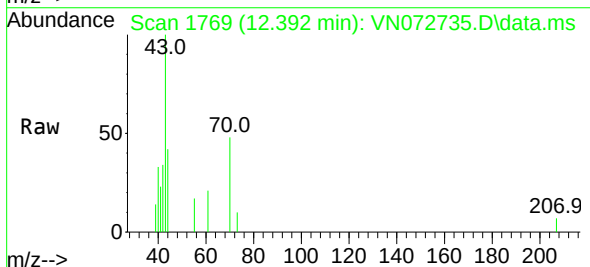
Tgt Ion:105 Resp: 8549
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4

Manual Integrations
APPROVED

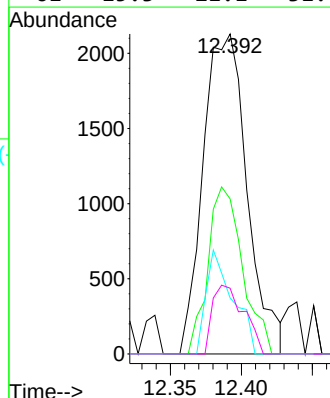
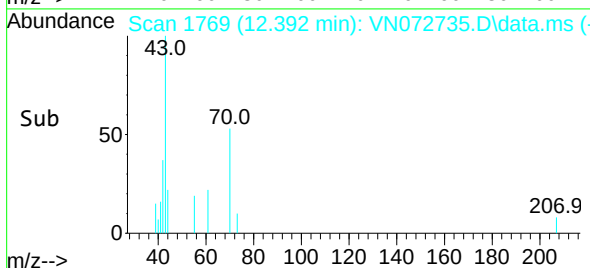
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

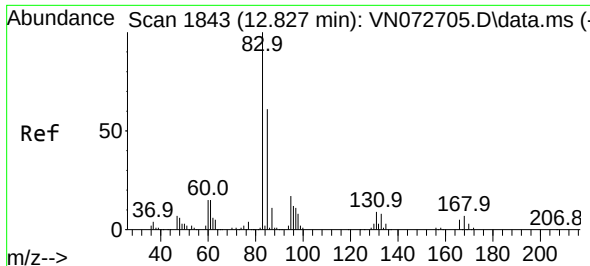


#74
N-ethyl acetate
Concen: 0.895 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



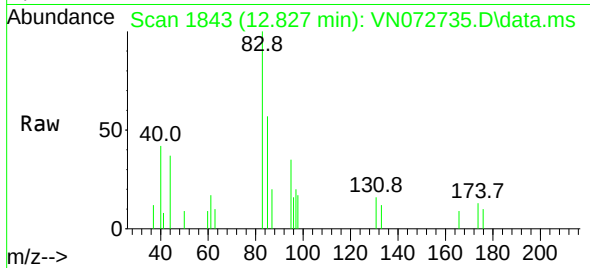
Tgt Ion: 43 Resp: 4581
Ion Ratio Lower Upper
43 100
70 41.1 39.0 58.4
55 19.9 21.1 31.7#
61 15.3 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.833 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

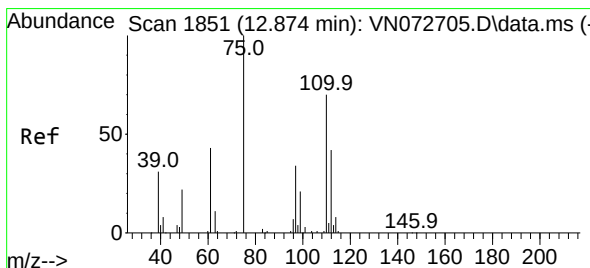
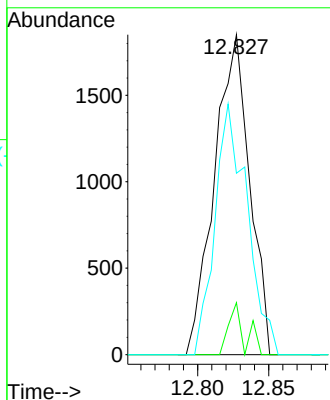
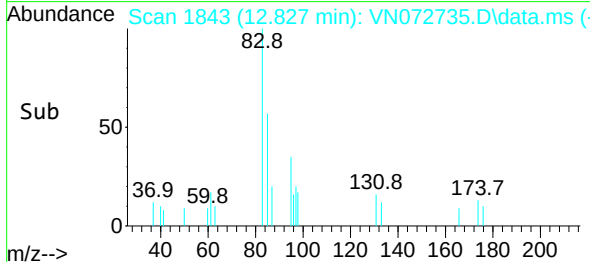
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



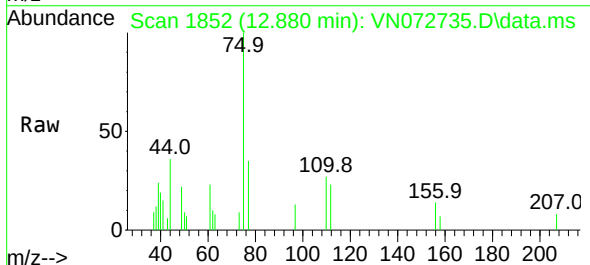
Tgt Ion: 83 Resp: 3188
Ion Ratio Lower Upper
83 100
131 7.3 5.3 15.9
85 71.8 32.3 96.9

Manual Integrations
APPROVED

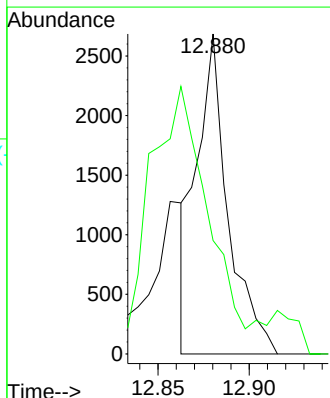
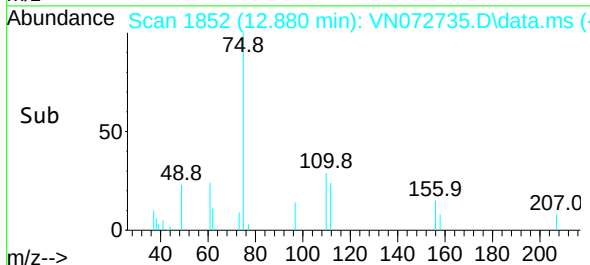
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

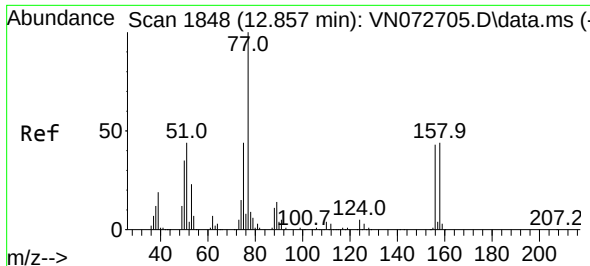


#76
1,2,3-Trichloropropane
Concen: 0.967 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



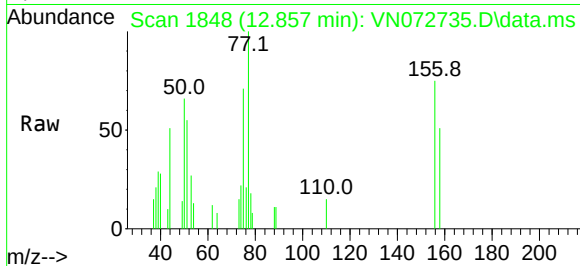
Tgt Ion: 75 Resp: 3206
Ion Ratio Lower Upper
75 100
77 159.3 98.5 295.5





#77
Bromobenzene
Concen: 0.931 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

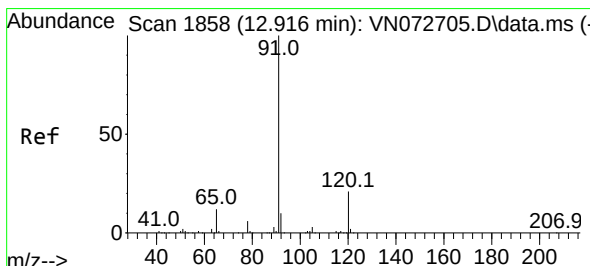
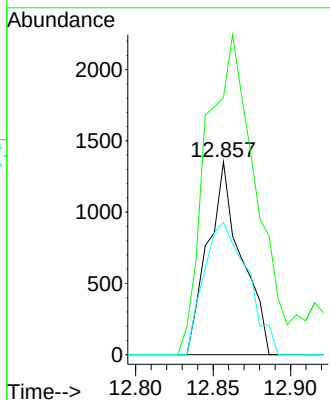
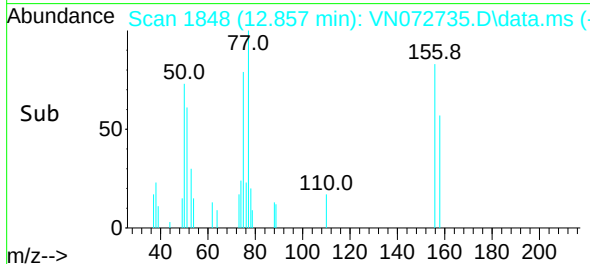
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



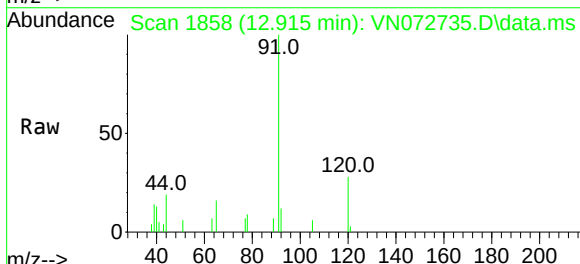
Tgt Ion: 156 Resp: 202
Ion Ratio Lower Upper
156 100
77 252.4 100.5 301.5
158 89.9 48.9 146.6

Manual Integrations
APPROVED

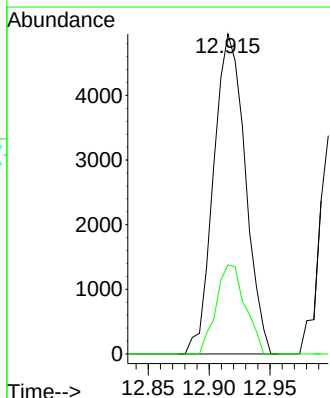
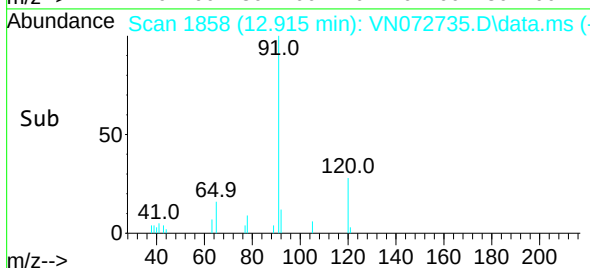
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

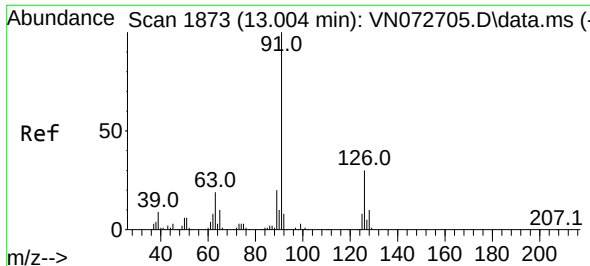


#78
n-propylbenzene
Concen: 0.745 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



Tgt Ion: 91 Resp: 8962
Ion Ratio Lower Upper
91 100
120 25.6 11.9 35.5





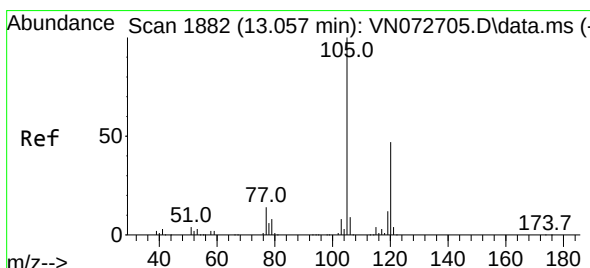
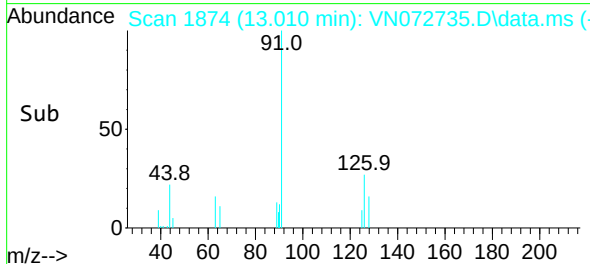
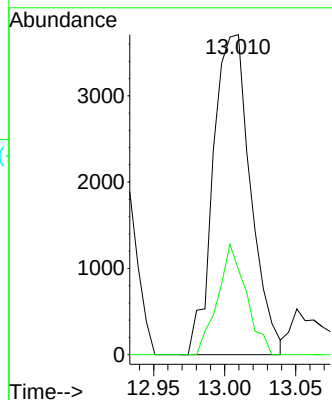
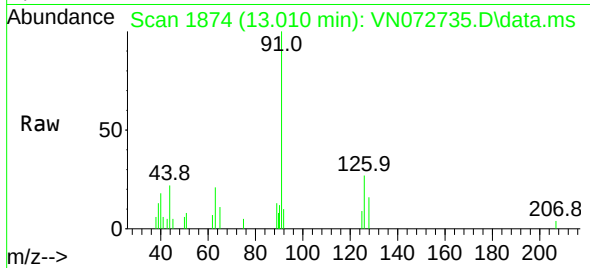
#79
2-Chlorotoluene
Concen: 0.901 ug/l
RT: 13.010 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

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

Tgt Ion: 91 Resp: 679
Ion Ratio Lower Upper
91 100
126 26.2 17.3 51.9

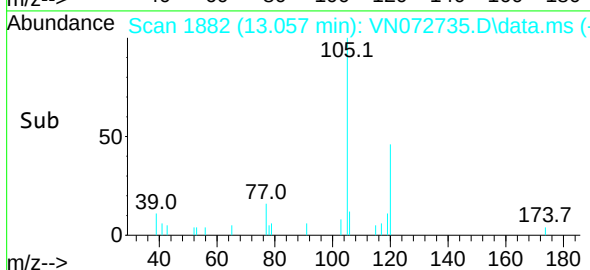
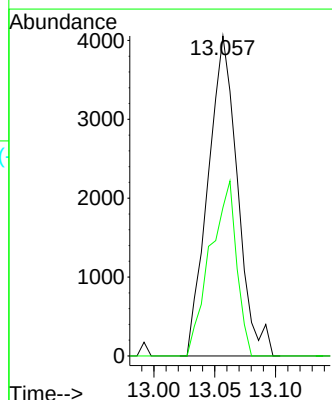
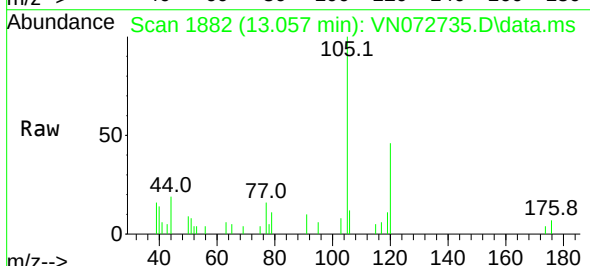
Manual Integrations
APPROVED

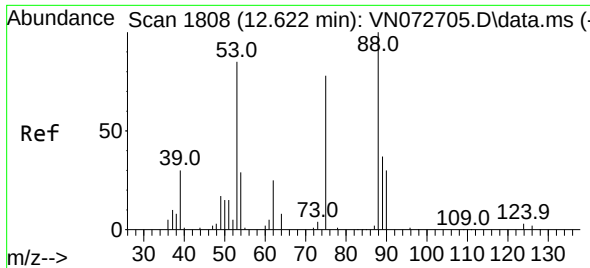
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.785 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

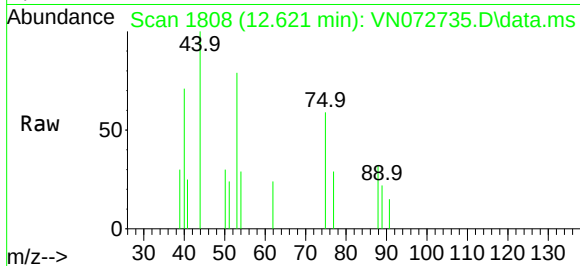
Tgt Ion:105 Resp: 6851
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 0.667 ug/l m
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

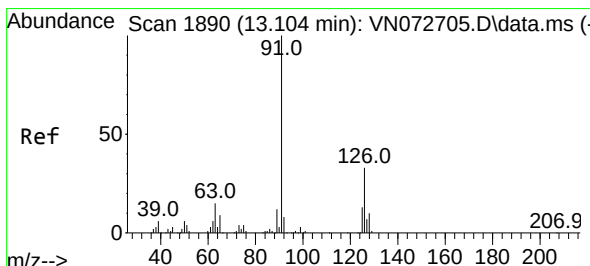
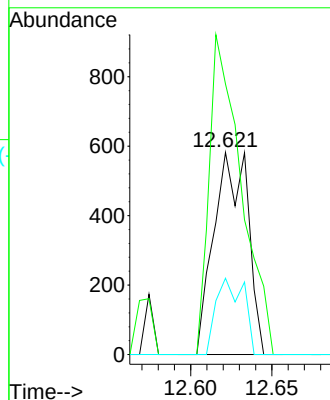
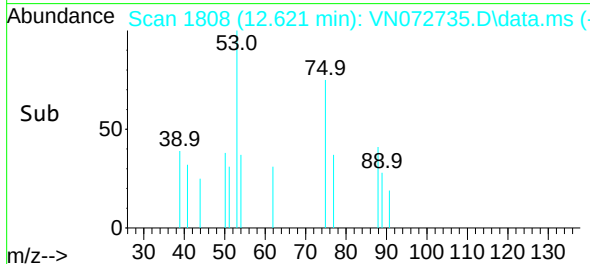
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



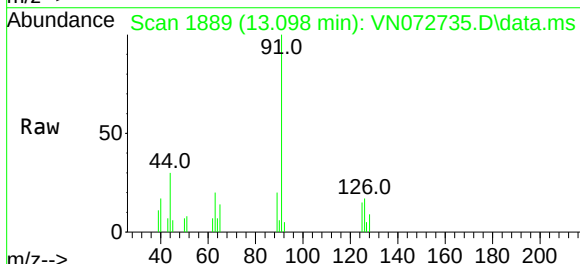
Tgt Ion: 75 Resp: 849
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 37.2 55.8

Manual Integrations
APPROVED

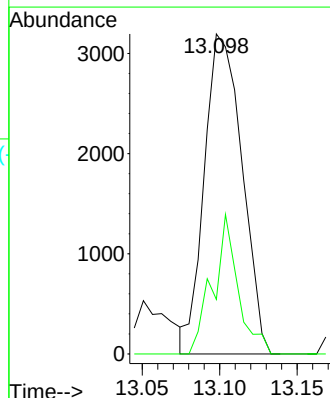
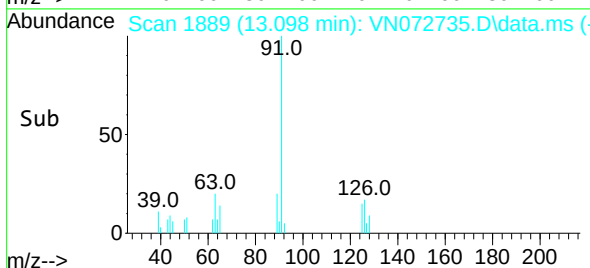
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

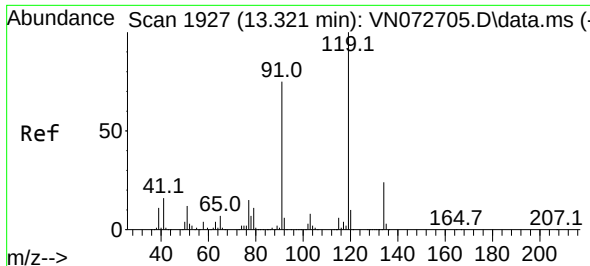


#82
4-Chlorotoluene
Concen: 0.774 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



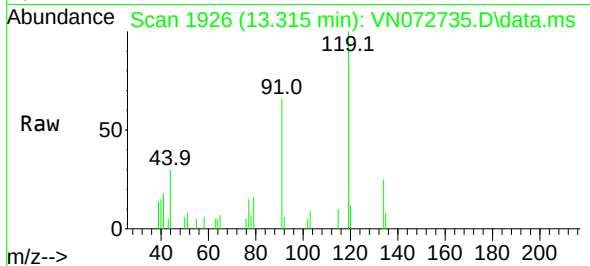
Tgt Ion: 91 Resp: 5394
Ion Ratio Lower Upper
91 100
126 29.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 0.822 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

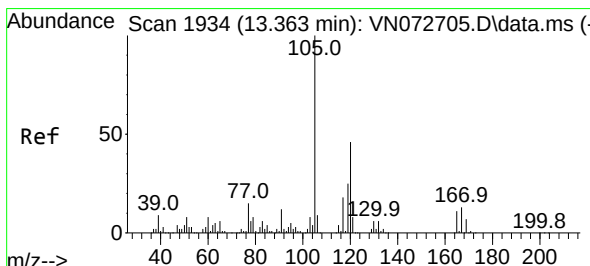
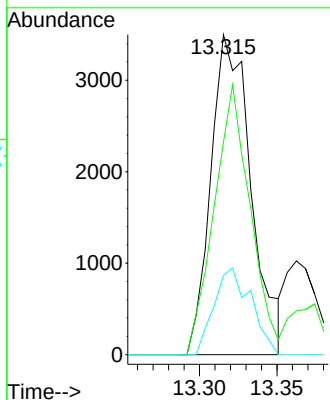
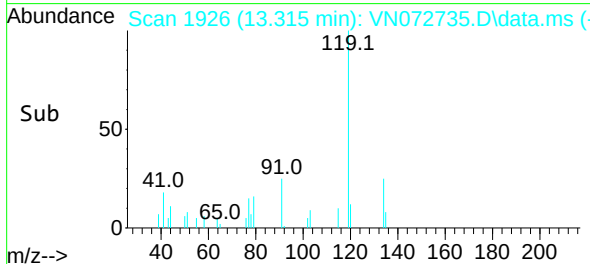
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:119 Resp: 6304
Ion Ratio Lower Upper
119 100
91 75.6 31.6 94.8
134 24.8 13.7 41.1

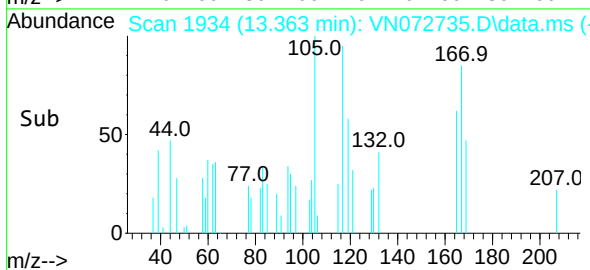
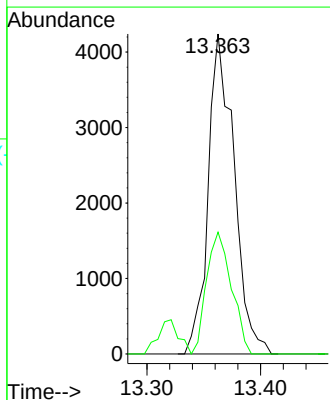
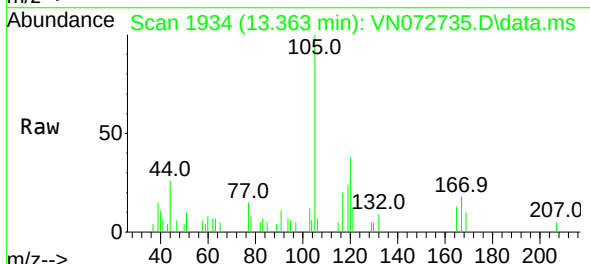
Manual Integrations
APPROVED

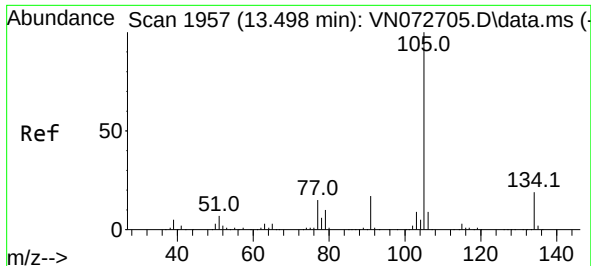
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#84
1,2,4-Trimethylbenzene
Concen: 0.804 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

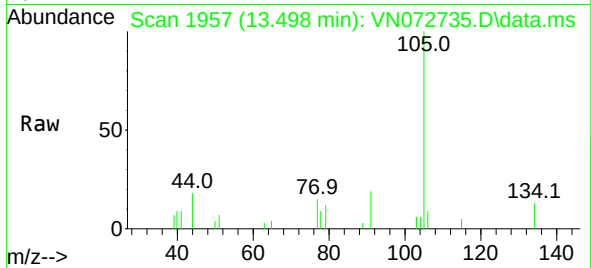
Tgt Ion:105 Resp: 6713
Ion Ratio Lower Upper
105 100
120 36.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 0.746 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072735.D
 Acq: 09 Jun 2022 17:05

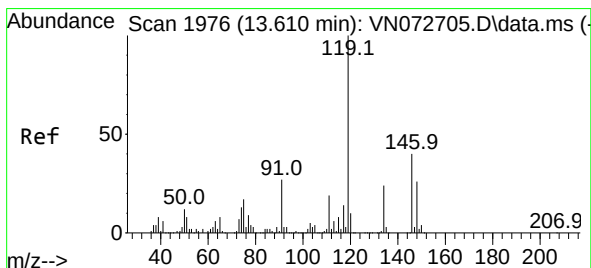
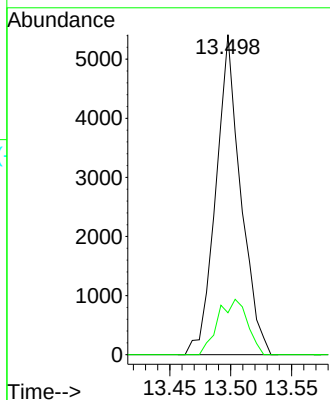
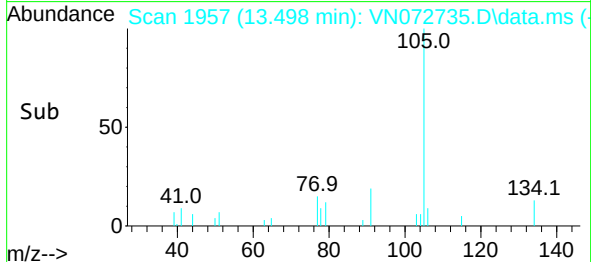
Instrument : MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022



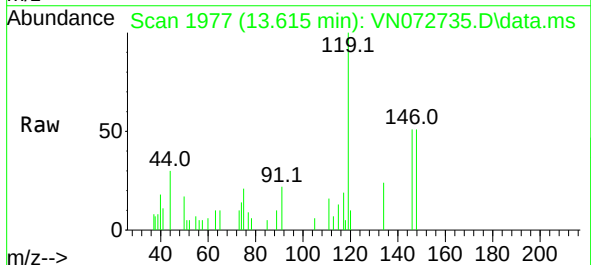
Tgt Ion:105 Resp: 771
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

Manual Integrations
 APPROVED

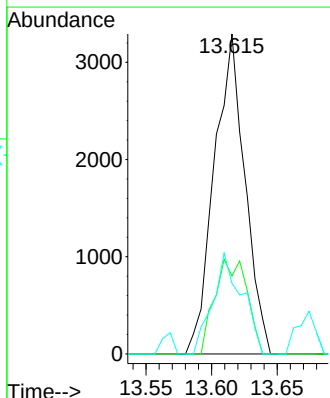
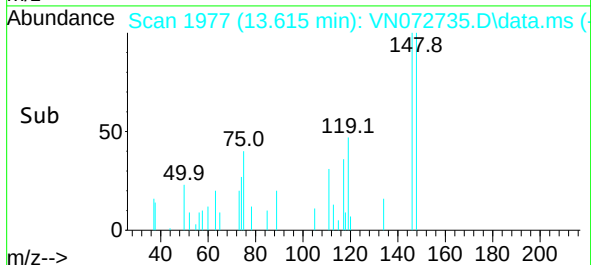
Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

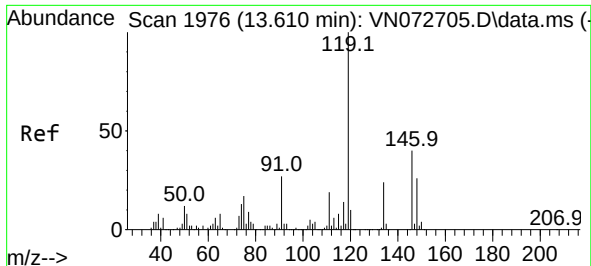


#86
 p-Isopropyltoluene
 Concen: 0.659 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.005 min
 Lab File: VN072735.D
 Acq: 09 Jun 2022 17:05



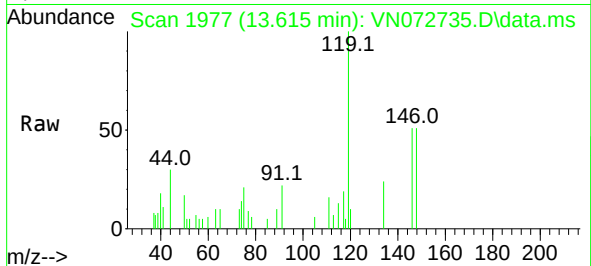
Tgt Ion:119 Resp: 5361
 Ion Ratio Lower Upper
 119 100
 134 31.1 13.3 39.8
 91 30.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 0.774 ug/l
RT: 13.615 min Scan# 1977
Delta R.T. 0.005 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

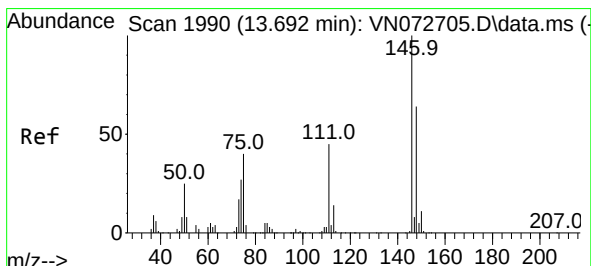
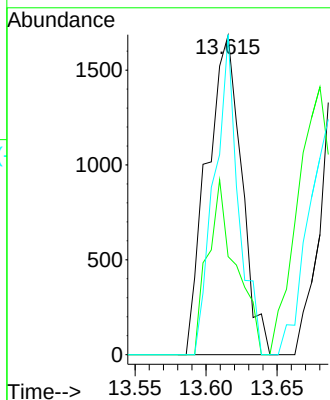
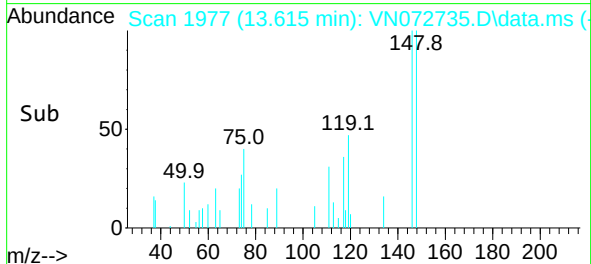
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



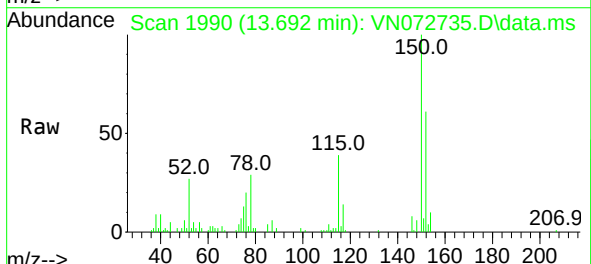
Tgt Ion:146 Resp: 2854
Ion Ratio Lower Upper
146 100
111 44.3 20.0 60.0
148 69.4 32.0 96.0

Manual Integrations
APPROVED

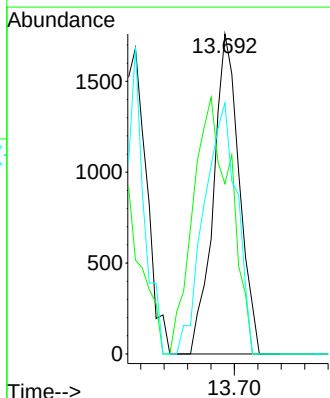
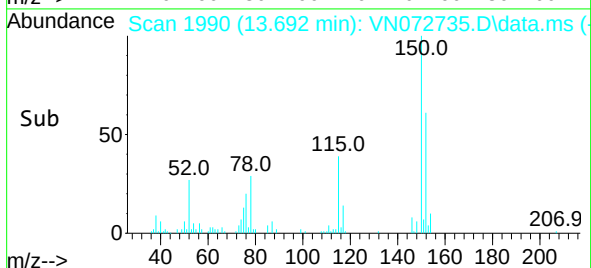
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

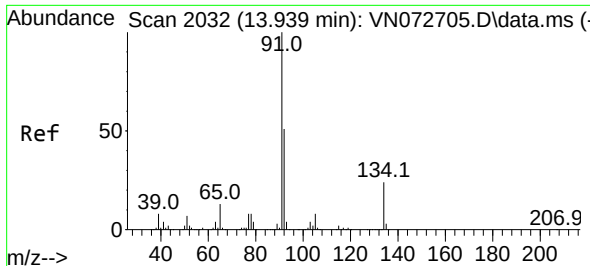


#88
1,4-Dichlorobenzene
Concen: 0.749 ug/l m
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



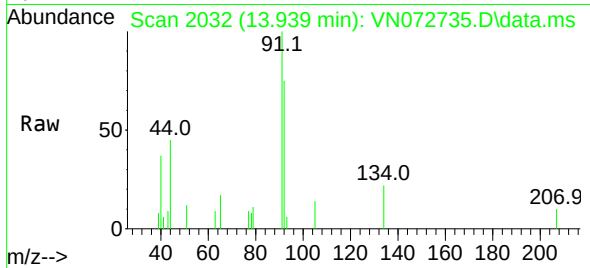
Tgt Ion:146 Resp: 2707
Ion Ratio Lower Upper
146 100
111 46.7 19.1 57.1
148 73.2 31.4 94.3





#89
n-Butylbenzene
Concen: 0.653 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

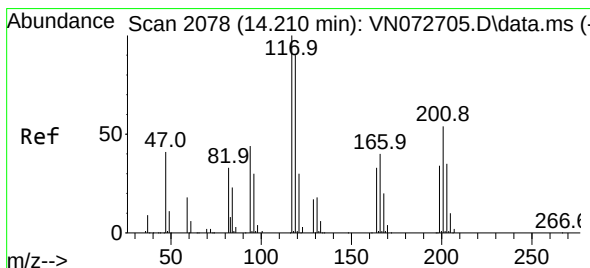
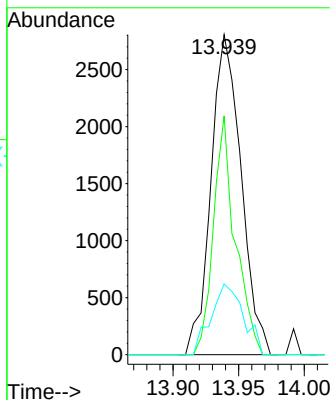
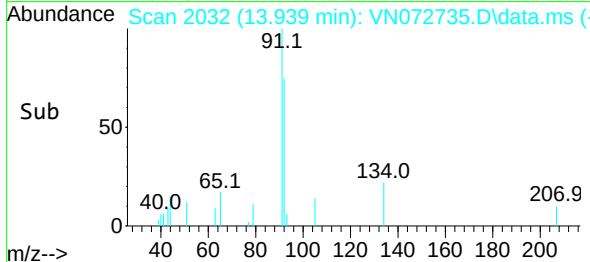
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



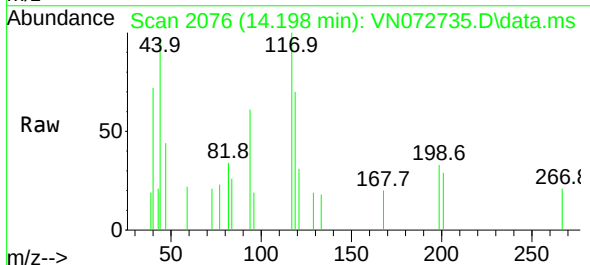
Tgt Ion: 91 Resp: 448
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 23.8 13.6 40.8

Manual Integrations
APPROVED

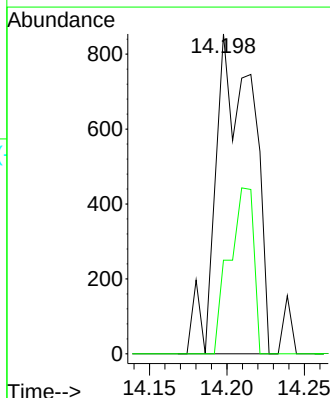
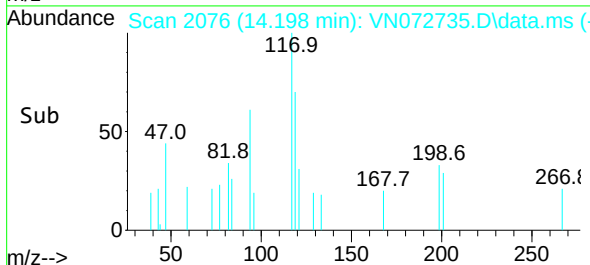
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

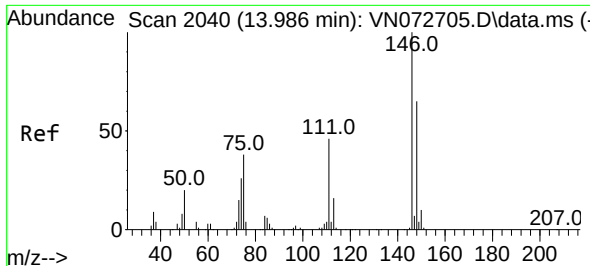


#90
Hexachloroethane
Concen: 0.815 ug/l
RT: 14.198 min Scan# 2076
Delta R.T. -0.012 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



Tgt Ion:117 Resp: 1436
Ion Ratio Lower Upper
117 100
201 34.0 40.6 122.0#





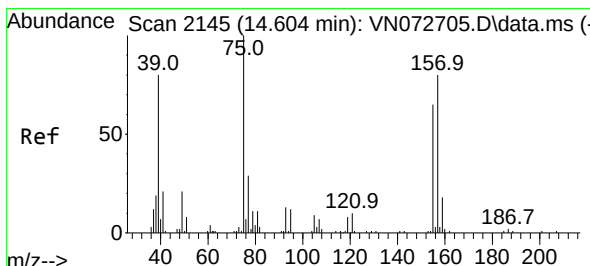
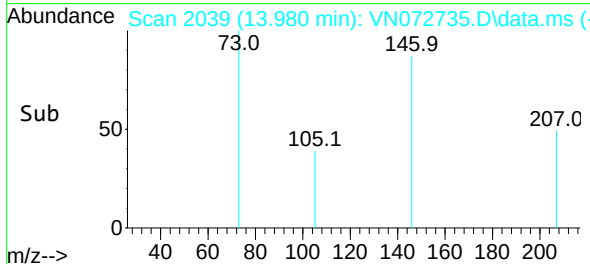
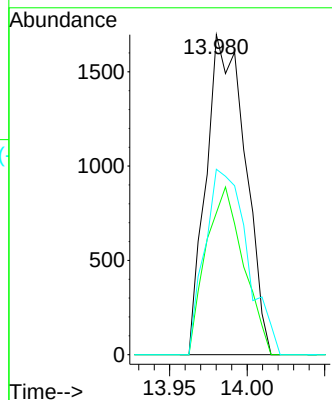
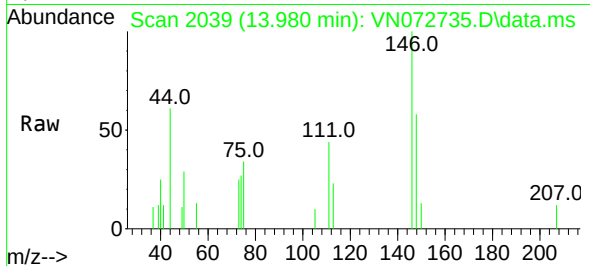
#91
1,2-Dichlorobenzene
Concen: 0.821 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

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

Tgt Ion:146 Resp: 2968
Ion Ratio Lower Upper
146 100
111 50.4 20.9 62.8
148 62.9 32.1 96.3

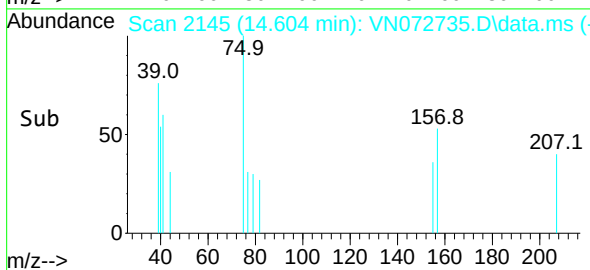
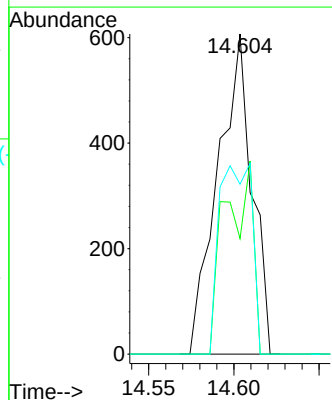
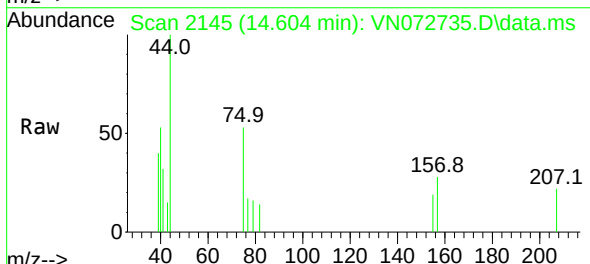
Manual Integrations
APPROVED

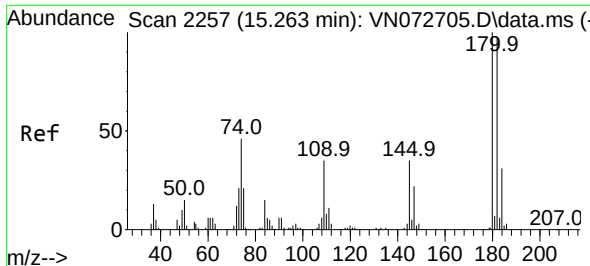
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.911 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

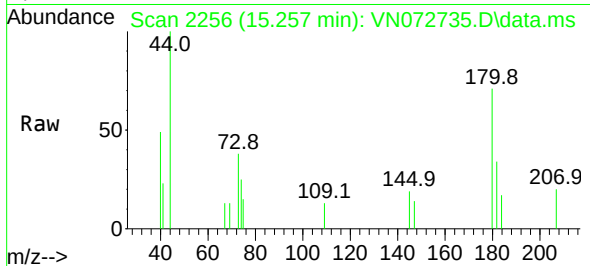
Tgt Ion: 75 Resp: 842
Ion Ratio Lower Upper
75 100
155 48.7 44.9 134.5
157 56.9 59.0 176.8#





#93
1,2,4-Trichlorobenzene
Concen: 0.720 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

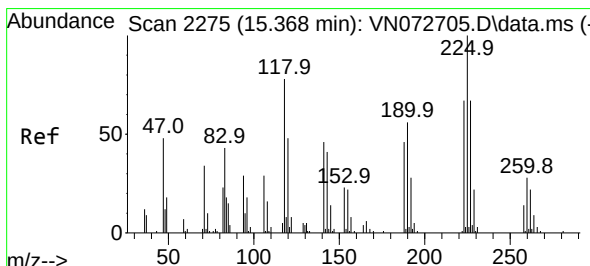
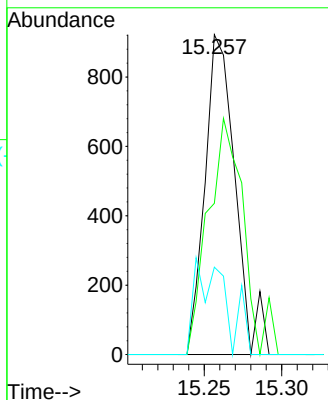
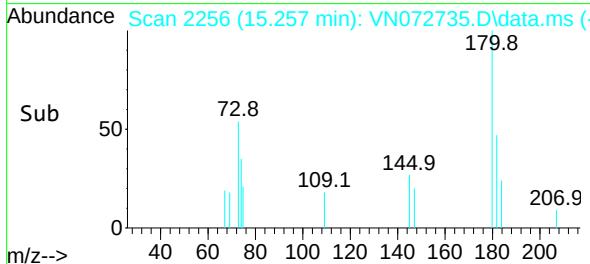
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



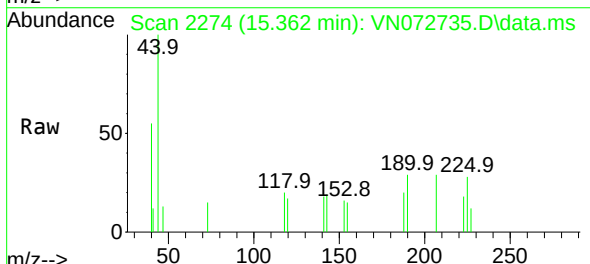
Tgt Ion:180 Resp: 125
Ion Ratio Lower Upper
180 100
182 86.4 47.5 142.5
145 31.2 14.5 43.5

Manual Integrations
APPROVED

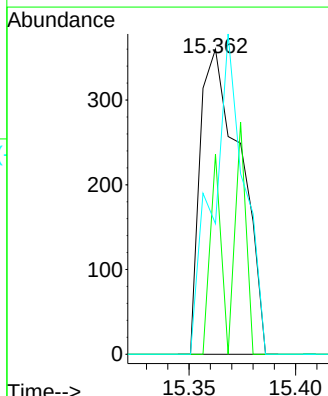
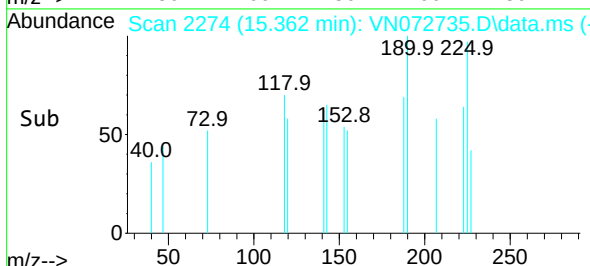
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

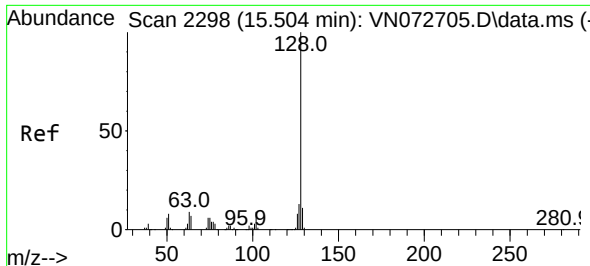


#94
Hexachlorobutadiene
Concen: 0.606 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



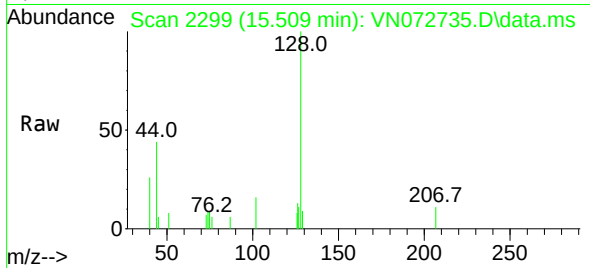
Tgt Ion:225 Resp: 472
Ion Ratio Lower Upper
225 100
223 17.6 32.4 97.2#
227 82.4 31.8 95.4





#95
Naphthalene
Concen: 0.774 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.005 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05

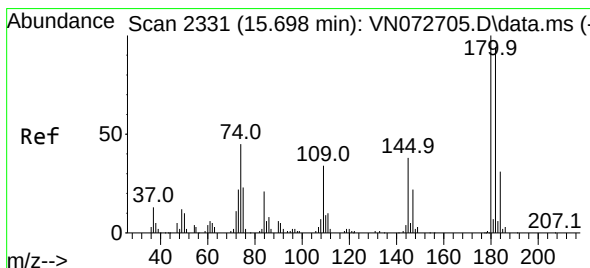
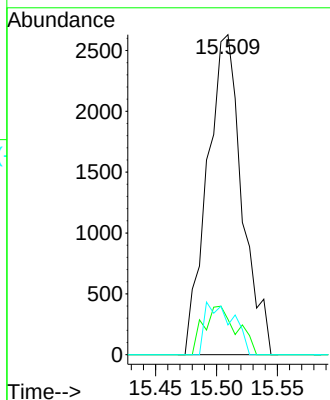
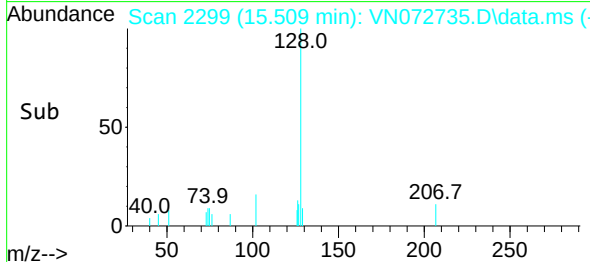
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



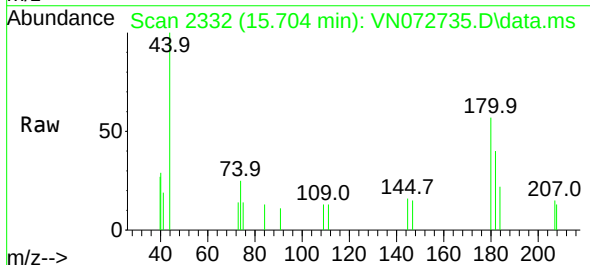
Tgt Ion:128 Resp: 522
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 13.2 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.642 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.006 min
Lab File: VN072735.D
Acq: 09 Jun 2022 17:05



Tgt Ion:180 Resp: 1112
Ion Ratio Lower Upper
180 100
182 112.5 47.8 143.3
145 44.9 15.5 46.5

